Pantheon Report

Generated at 2017-11-30 17:48:34 (UTC).

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

Repeated the test of 14 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

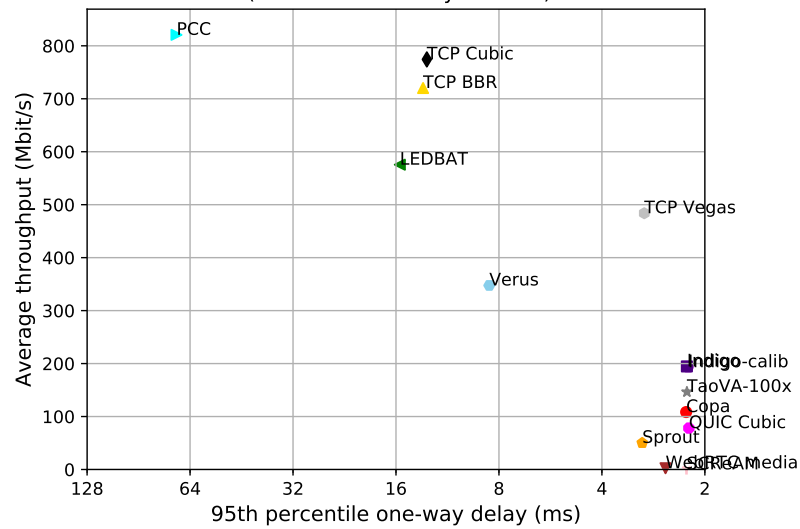Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

Tested BBR with qdisc of Fair Queuing (`fq`), and other schemes with the default Linux qdisc (`pfifo_fast`).

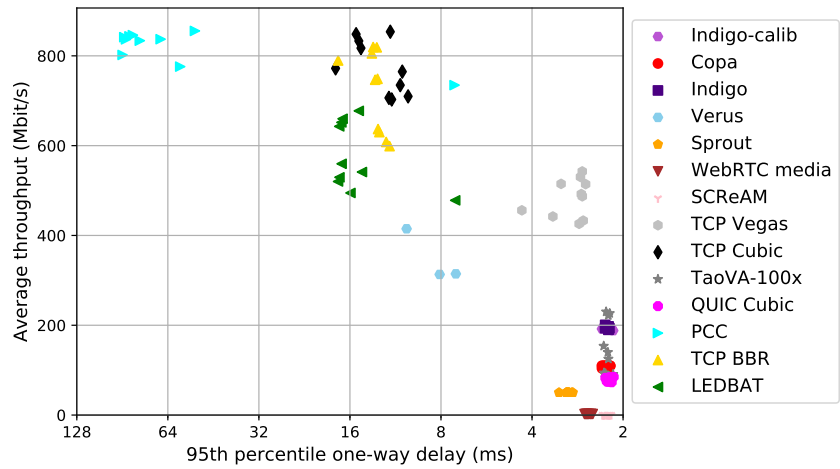NTP offsets were measured against `gps.ntp.br` and have been applied to correct the timestamps in logs.

```
Git summary:
branch: indigos @ e3a57ad5ac5cfcaca0e3f983c8dd4cc3509e0262
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
 M datagrump/sender.cc
third_party/genericCC @ b5b7c38e8391001927dc41c6cfa2627d03dde737
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/indigo-cellular @ aee99e8eb842cb053f8c9a80e28cd256a930bbc2
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/indigo-no-cwnd @ 3e58442c04028a11d7b02456e137604633ba2d6c
third_party/indigo-no-delivery-rate @ 57caa40858b964906edff4876d5a7e5bfff666c5
third_party/indigo-no-queuing-delay @ 03455460fd1a8ffbdad86fabb936fdca204b80db
third_party/indigo-no-send-rate @ b39dfa6b2c5f19cb7cd89626cb4f5bb81f9fecda
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
 M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
 M receiver/src/buffer.h
 M receiver/src/core.cpp
 M sender/src/buffer.h
 M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681
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 Brazil 1 Ethernet to Brazil Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)

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

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scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	720.33	13.33	0.03
TCP Cubic	10	774.29	13.00	0.02
LEDBAT	10	575.52	15.60	0.02
PCC	10	820.70	70.11	0.63
QUIC Cubic	9	78.19	2.23	0.00
SCReAM	10	0.22	2.26	0.00
WebRTC media	10	2.30	2.61	0.00
Sprout	10	50.20	3.05	0.00
TaoVA-100x	10	146.47	2.26	0.00
TCP Vegas	10	483.85	3.01	0.00
Verus	3	347.51	8.54	0.08
Copa	9	108.45	2.27	0.00
Indigo	10	194.63	2.26	0.00
Indigo-calib	10	193.08	2.24	0.00

```
Run 1: Statistics of TCP BBR

Start at: 2017-11-30 11:49:49
End at: 2017-11-30 11:50:19
Local clock offset: 1.045 ms
Remote clock offset: -0.099 ms


# Below is generated by plot.py at 2017-11-30 16:36:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 789.68 Mbit/s
95th percentile per-packet one-way delay: 17.501 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 789.68 Mbit/s
95th percentile per-packet one-way delay: 17.501 ms
Loss rate: 0.04%
```
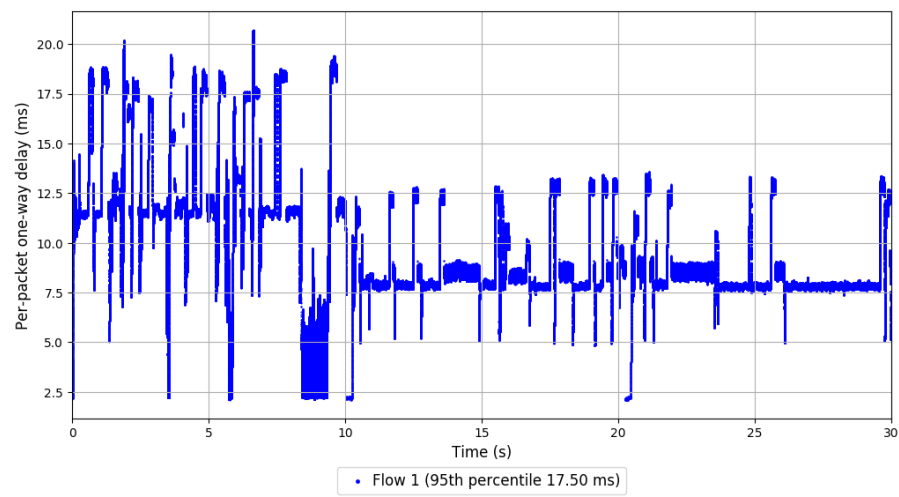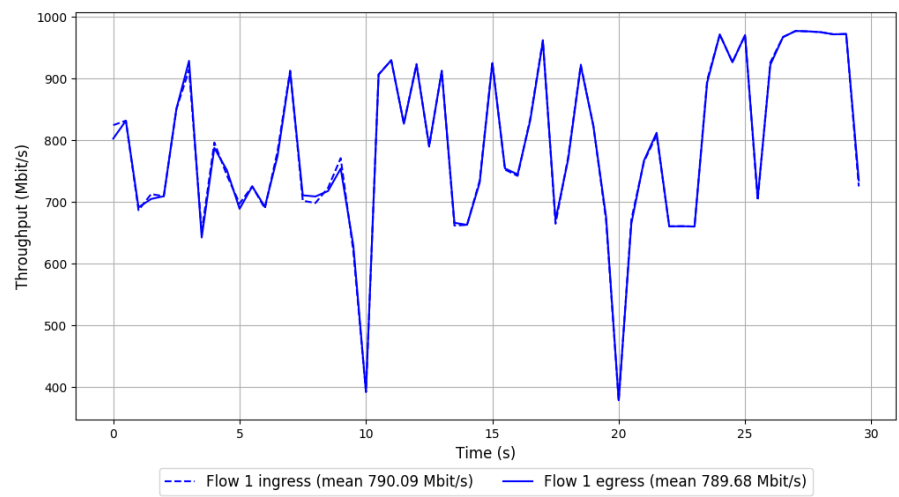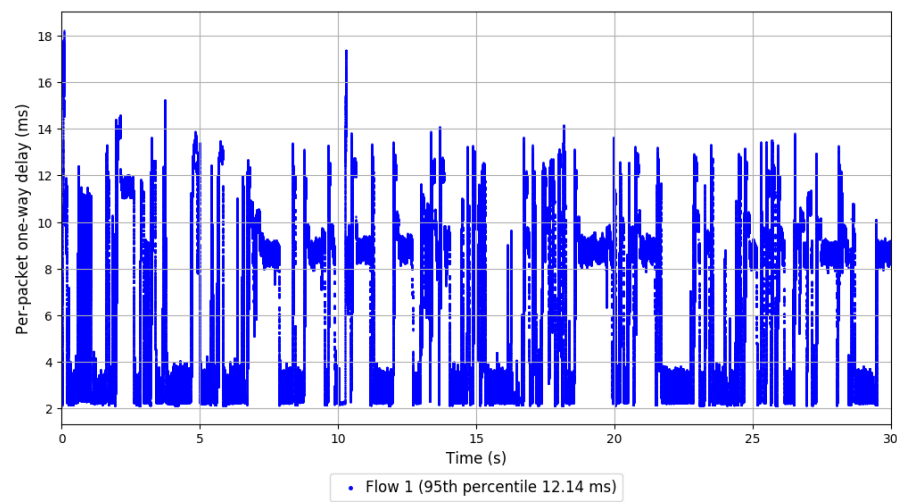
Run 1: Report of TCP BBR — Data Link

```
Run 2: Statistics of TCP BBR

Start at: 2017-11-30 12:07:38
End at: 2017-11-30 12:08:08
Local clock offset: 1.114 ms
Remote clock offset: -0.296 ms


# Below is generated by plot.py at 2017-11-30 16:36:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 608.21 Mbit/s
95th percentile per-packet one-way delay: 12.140 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 608.21 Mbit/s
95th percentile per-packet one-way delay: 12.140 ms
Loss rate: 0.03%
```
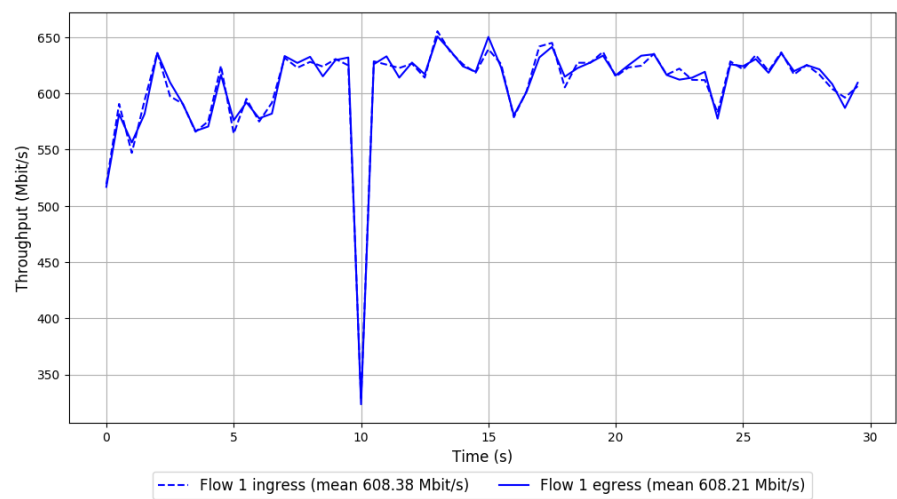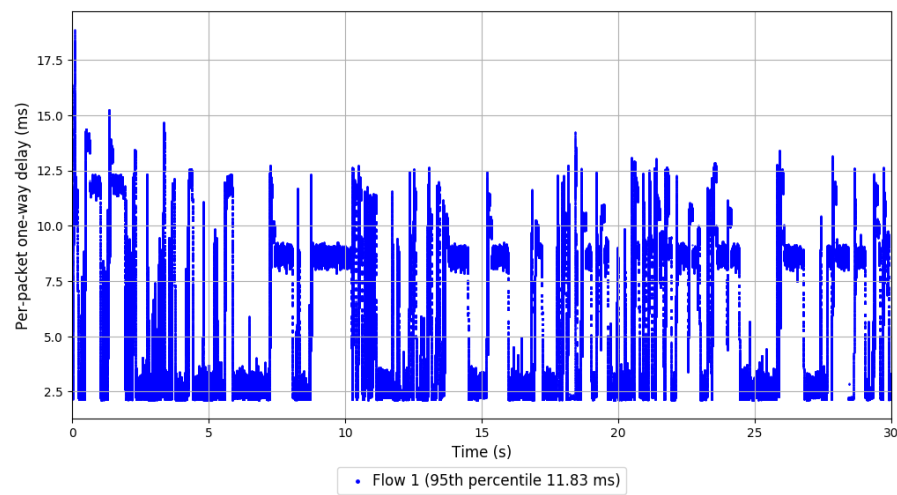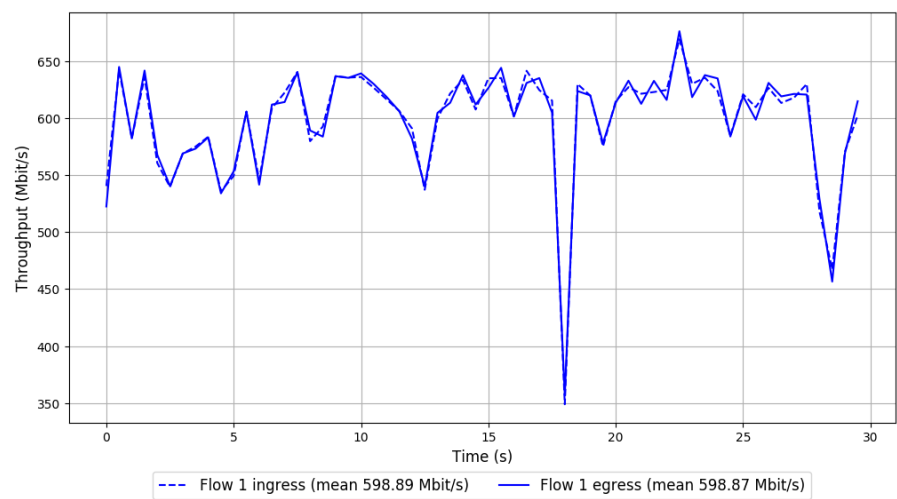
Run 2: Report of TCP BBR — Data Link

Flow 1 ingress (mean 608.38 Mbit/s) ----- Flow 1 egress (mean 608.21 Mbit/s)

• Flow 1 (95th percentile 12.14 ms)

```
Run 3: Statistics of TCP BBR

Start at: 2017-11-30 12:25:36
End at: 2017-11-30 12:26:06
Local clock offset: 1.289 ms
Remote clock offset: -0.077 ms


# Below is generated by plot.py at 2017-11-30 16:36:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 598.87 Mbit/s
95th percentile per-packet one-way delay: 11.831 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 598.87 Mbit/s
95th percentile per-packet one-way delay: 11.831 ms
Loss rate: 0.00%
```
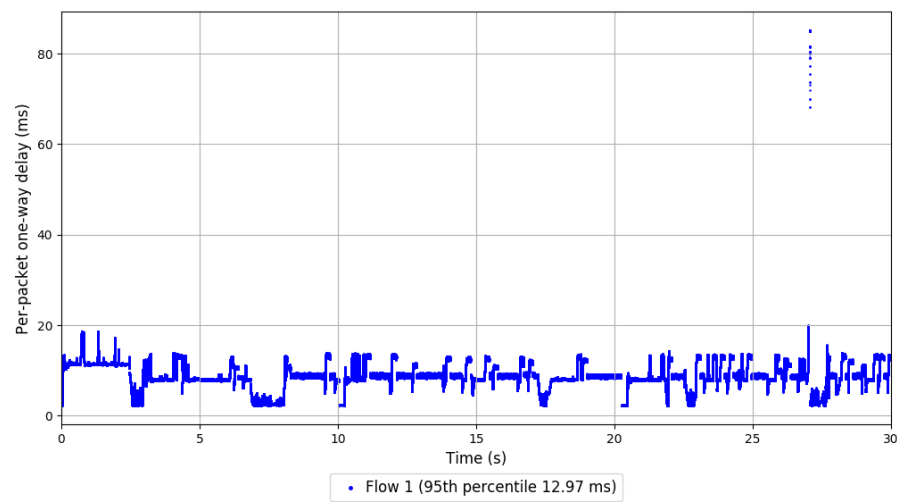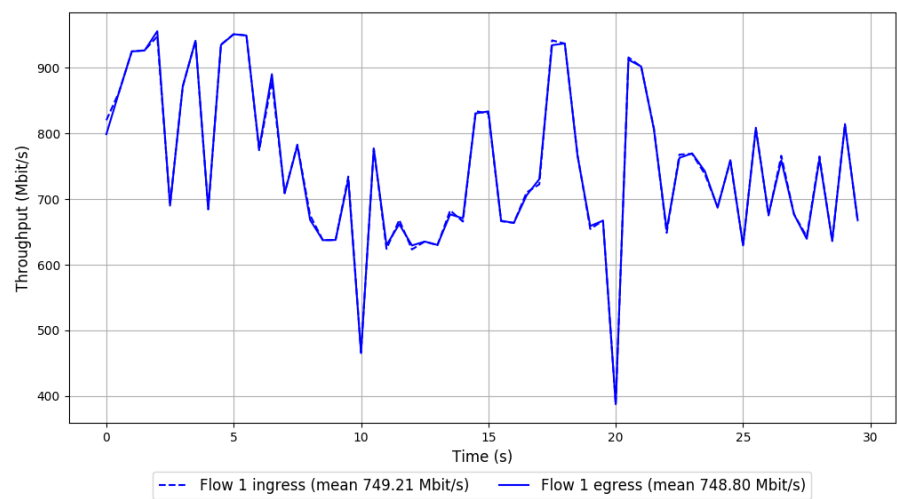
Run 3: Report of TCP BBR — Data Link

Flow 1 ingress (mean 598.89 Mbit/s)   Flow 1 egress (mean 598.87 Mbit/s)

• Flow 1 (95th percentile 11.83 ms)

```
Run 4: Statistics of TCP BBR

Start at: 2017-11-30 12:43:36
End at: 2017-11-30 12:44:06
Local clock offset: 1.553 ms
Remote clock offset: 0.019 ms


# Below is generated by plot.py at 2017-11-30 16:36:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 748.80 Mbit/s
95th percentile per-packet one-way delay: 12.968 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 748.80 Mbit/s
95th percentile per-packet one-way delay: 12.968 ms
Loss rate: 0.05%
```
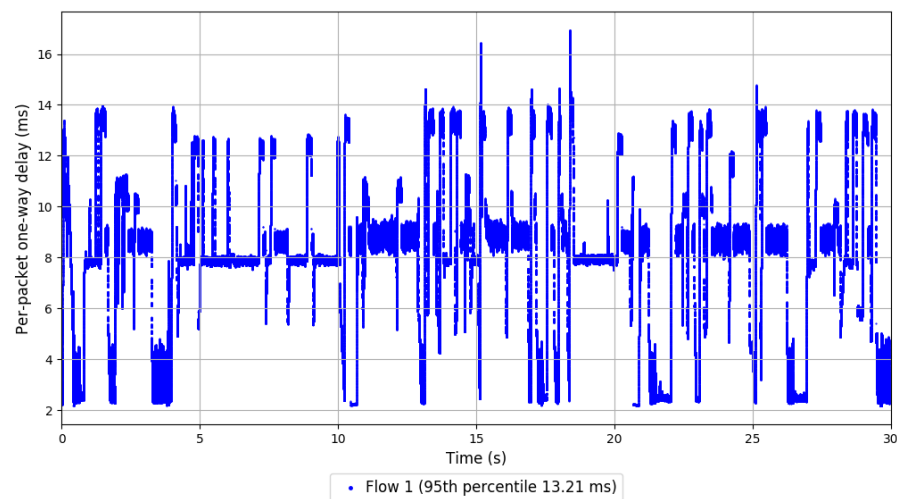
Run 4: Report of TCP BBR — Data Link

```
Run 5: Statistics of TCP BBR

Start at: 2017-11-30 13:01:38
End at: 2017-11-30 13:02:08
Local clock offset: 1.445 ms
Remote clock offset: 0.012 ms


# Below is generated by plot.py at 2017-11-30 16:36:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 746.74 Mbit/s
95th percentile per-packet one-way delay: 13.205 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 746.74 Mbit/s
95th percentile per-packet one-way delay: 13.205 ms
Loss rate: 0.01%
```
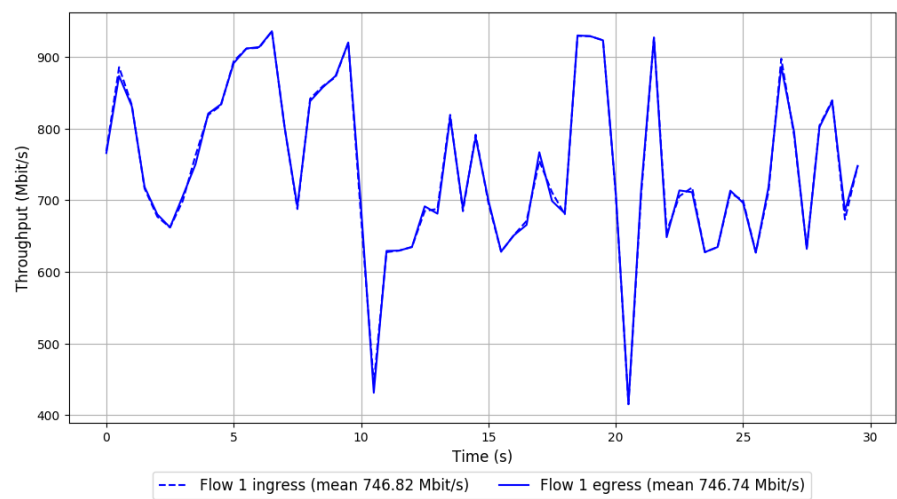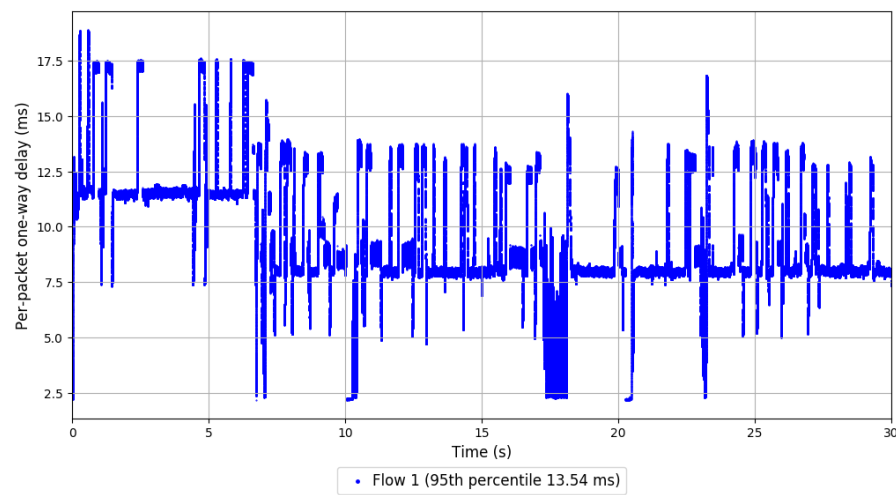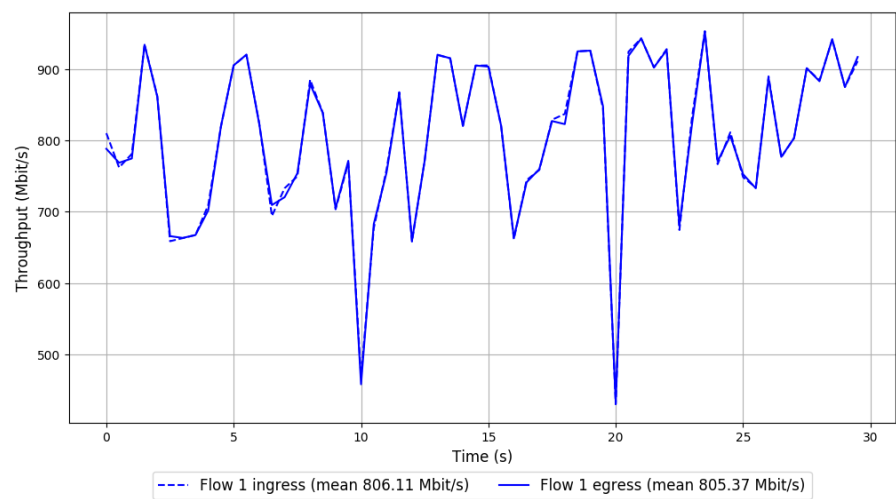
Run 5: Report of TCP BBR — Data Link

Flow 1 ingress (mean 746.82 Mbit/s)   Flow 1 egress (mean 746.74 Mbit/s)

Flow 1 (95th percentile 13.21 ms)

```
Run 6: Statistics of TCP BBR

Start at: 2017-11-30 13:19:41
End at: 2017-11-30 13:20:11
Local clock offset: 1.282 ms
Remote clock offset: 0.029 ms


# Below is generated by plot.py at 2017-11-30 16:36:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 805.37 Mbit/s
95th percentile per-packet one-way delay: 13.540 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 805.37 Mbit/s
95th percentile per-packet one-way delay: 13.540 ms
Loss rate: 0.09%
```
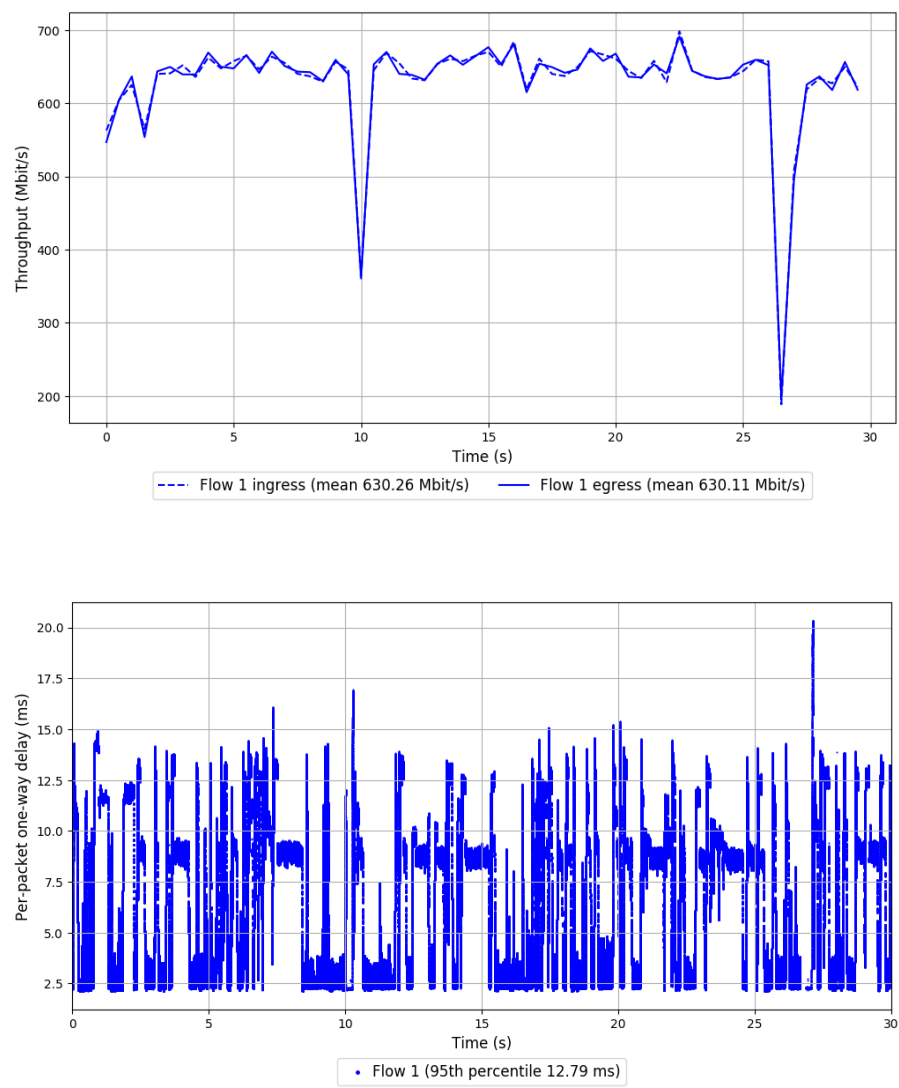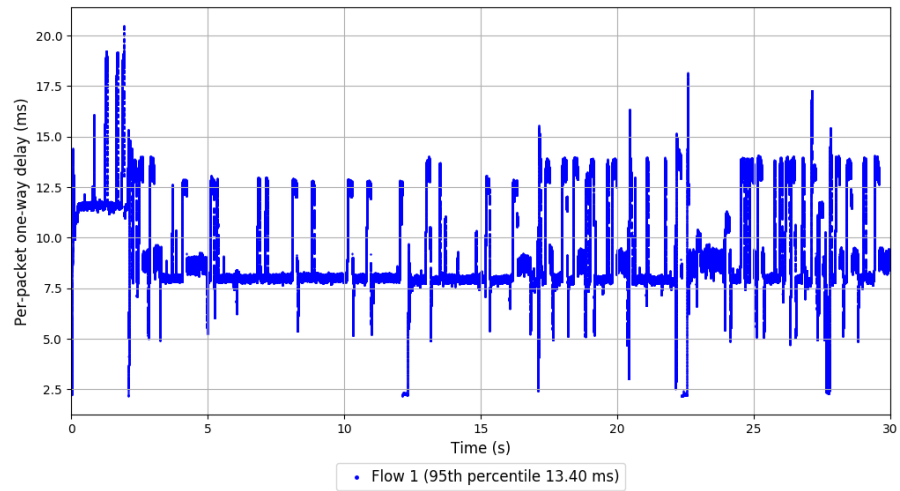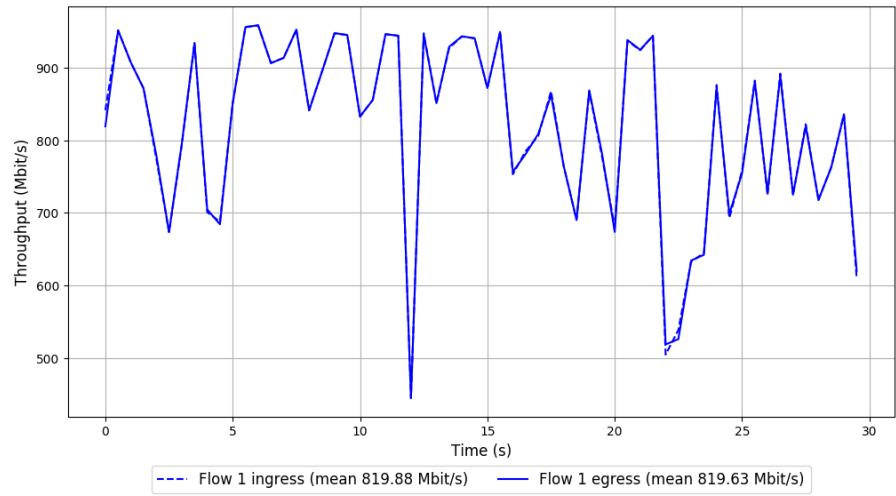
Run 6: Report of TCP BBR — Data Link

Flow 1 ingress (mean 806.11 Mbit/s)   Flow 1 egress (mean 805.37 Mbit/s)
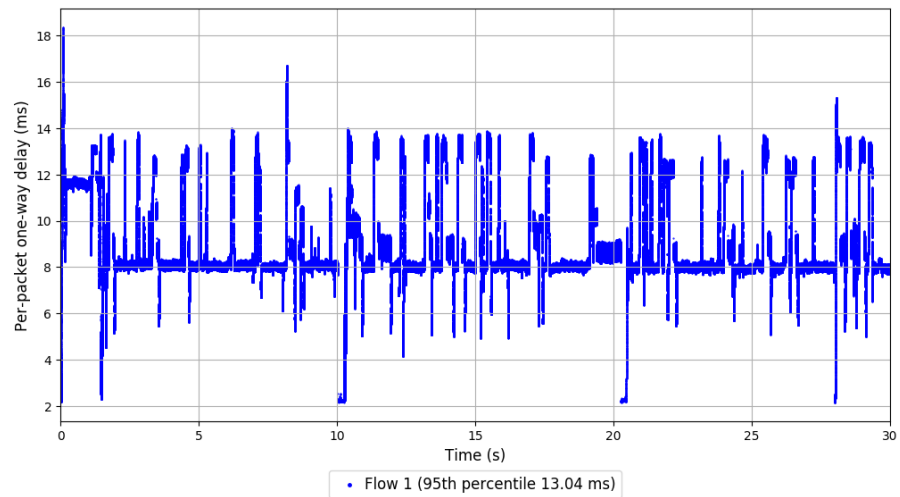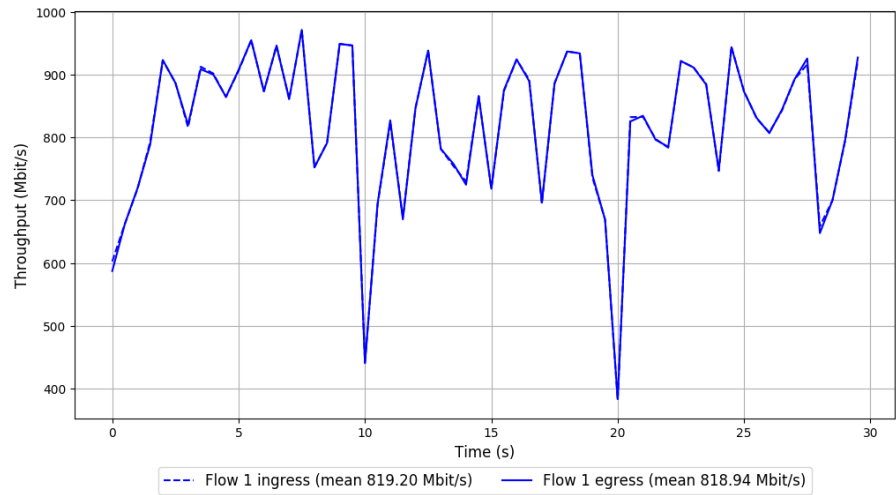

Flow 1 (95th percentile 13.54 ms)

```
Run 7: Statistics of TCP BBR

Start at: 2017-11-30 13:37:40
End at: 2017-11-30 13:38:10
Local clock offset: 1.294 ms
Remote clock offset: 0.008 ms


# Below is generated by plot.py at 2017-11-30 16:36:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 630.11 Mbit/s
95th percentile per-packet one-way delay: 12.789 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 630.11 Mbit/s
95th percentile per-packet one-way delay: 12.789 ms
Loss rate: 0.02%
```

Run 7: Report of TCP BBR — Data Link

Flow 1 ingress (mean 630.26 Mbit/s)   Flow 1 egress (mean 630.11 Mbit/s)

• Flow 1 (95th percentile 12.79 ms)

```
Run 8: Statistics of TCP BBR

Start at: 2017-11-30 13:55:42
End at: 2017-11-30 13:56:12
Local clock offset: 1.377 ms
Remote clock offset: -0.006 ms


# Below is generated by plot.py at 2017-11-30 16:37:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 819.63 Mbit/s
95th percentile per-packet one-way delay: 13.404 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 819.63 Mbit/s
95th percentile per-packet one-way delay: 13.404 ms
Loss rate: 0.03%
```
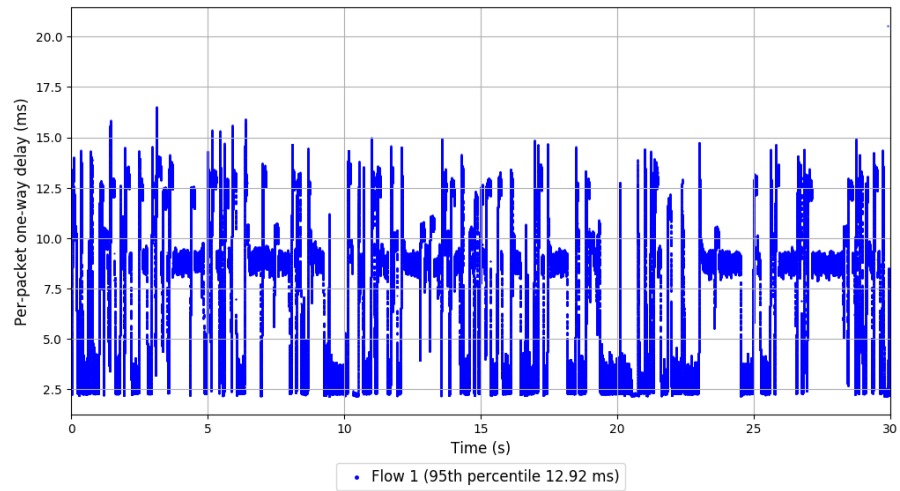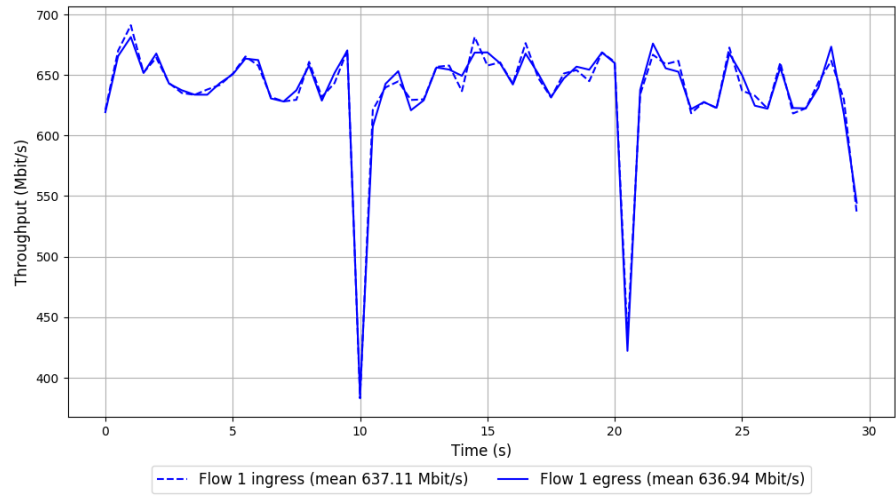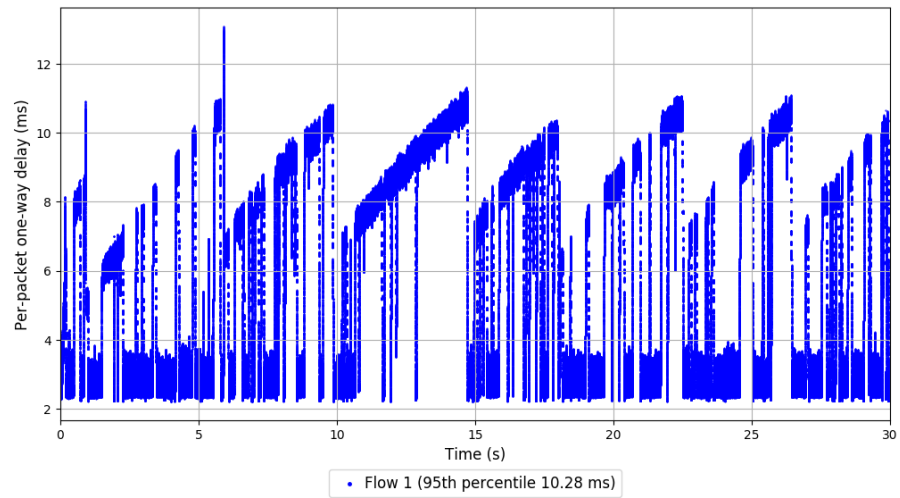
Run 8: Report of TCP BBR — Data Link

Flow 1 ingress (mean 819.88 Mbit/s)   Flow 1 egress (mean 819.63 Mbit/s)

Flow 1 (95th percentile 13.40 ms)

```
Run 9: Statistics of TCP BBR

Start at: 2017-11-30 14:13:42
End at: 2017-11-30 14:14:12
Local clock offset: 1.28 ms
Remote clock offset: -0.087 ms


# Below is generated by plot.py at 2017-11-30 16:45:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 818.94 Mbit/s
95th percentile per-packet one-way delay: 13.043 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 818.94 Mbit/s
95th percentile per-packet one-way delay: 13.043 ms
Loss rate: 0.03%
```
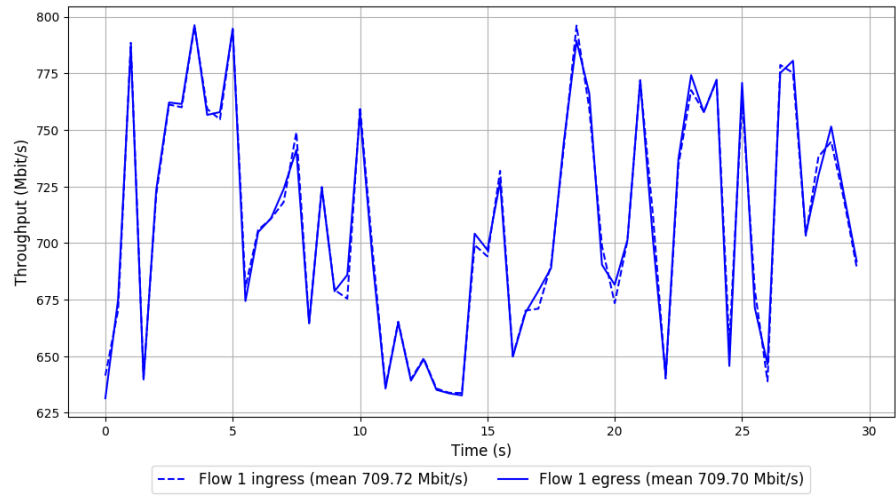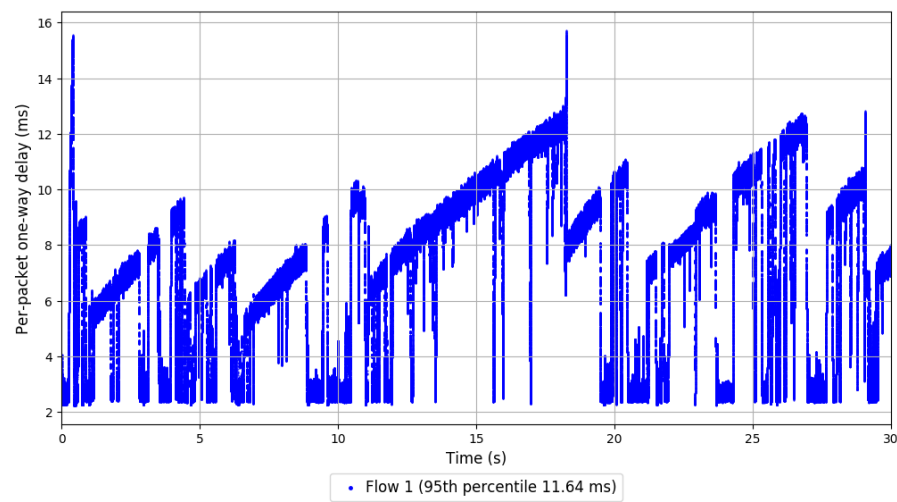
Run 9: Report of TCP BBR — Data Link

Flow 1 ingress (mean 819.20 Mbit/s)   Flow 1 egress (mean 818.94 Mbit/s)

Flow 1 (95th percentile 13.04 ms)

```
Run 10: Statistics of TCP BBR

Start at: 2017-11-30 14:31:46
End at: 2017-11-30 14:32:17
Local clock offset: 1.17 ms
Remote clock offset: -0.049 ms


# Below is generated by plot.py at 2017-11-30 16:45:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 636.94 Mbit/s
95th percentile per-packet one-way delay: 12.917 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 636.94 Mbit/s
95th percentile per-packet one-way delay: 12.917 ms
Loss rate: 0.02%
```
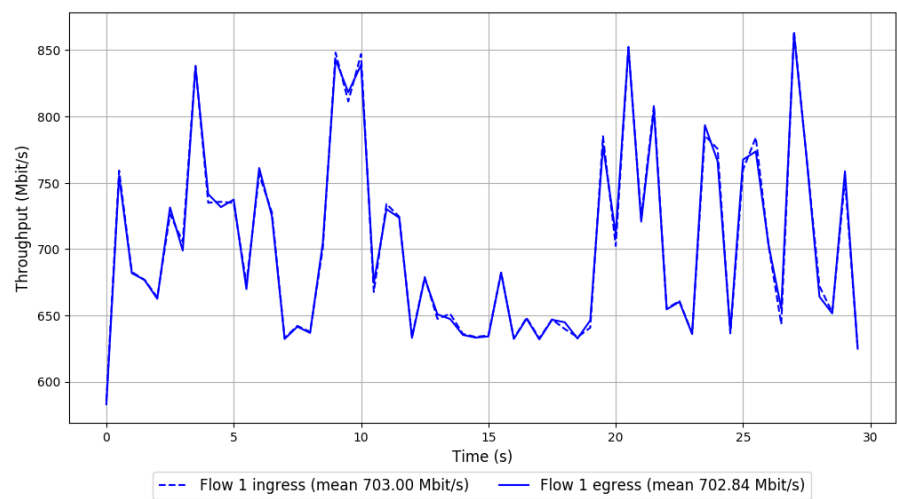
Run 10: Report of TCP BBR — Data Link

```
Run 1: Statistics of TCP Cubic

Start at: 2017-11-30 11:55:16
End at: 2017-11-30 11:55:46
Local clock offset: 0.995 ms
Remote clock offset: -0.179 ms


# Below is generated by plot.py at 2017-11-30 16:45:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 709.70 Mbit/s
95th percentile per-packet one-way delay: 10.275 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 709.70 Mbit/s
95th percentile per-packet one-way delay: 10.275 ms
Loss rate: 0.00%
```
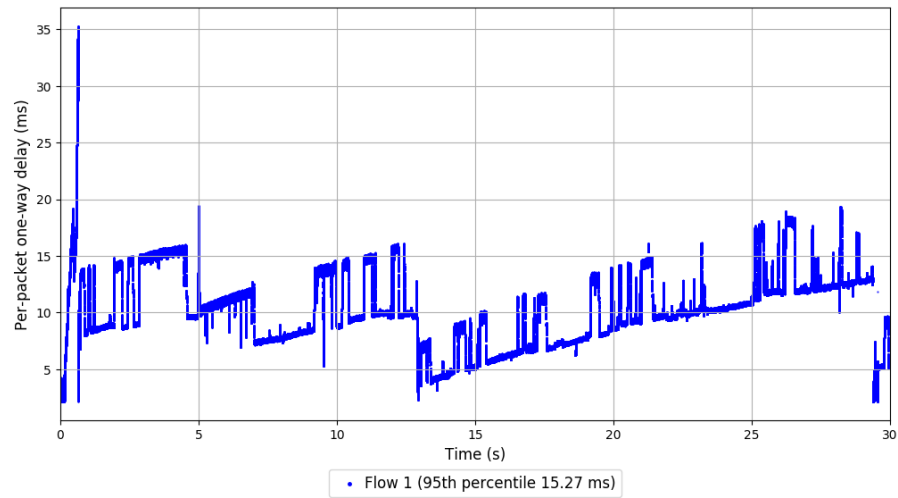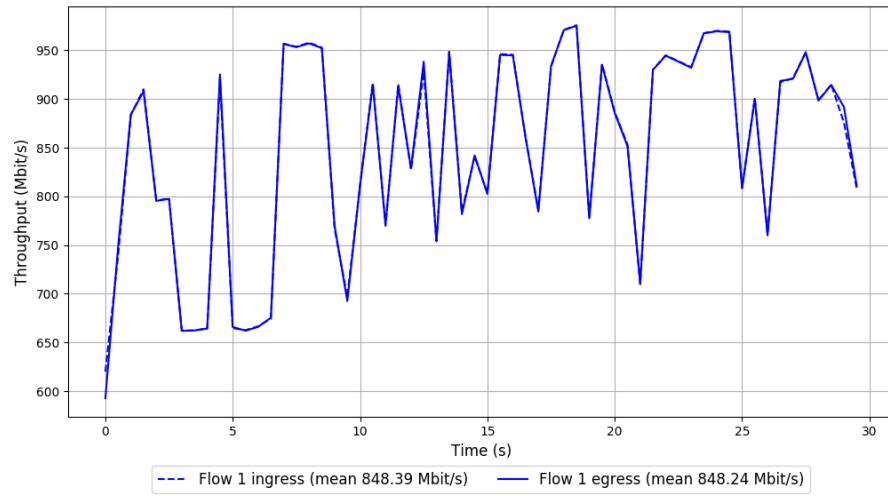
Run 1: Report of TCP Cubic — Data Link

```
Run 2: Statistics of TCP Cubic

Start at: 2017-11-30 12:13:12
End at: 2017-11-30 12:13:42
Local clock offset: 1.082 ms
Remote clock offset: -0.189 ms


# Below is generated by plot.py at 2017-11-30 16:46:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 702.84 Mbit/s
95th percentile per-packet one-way delay: 11.641 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 702.84 Mbit/s
95th percentile per-packet one-way delay: 11.641 ms
Loss rate: 0.02%
```
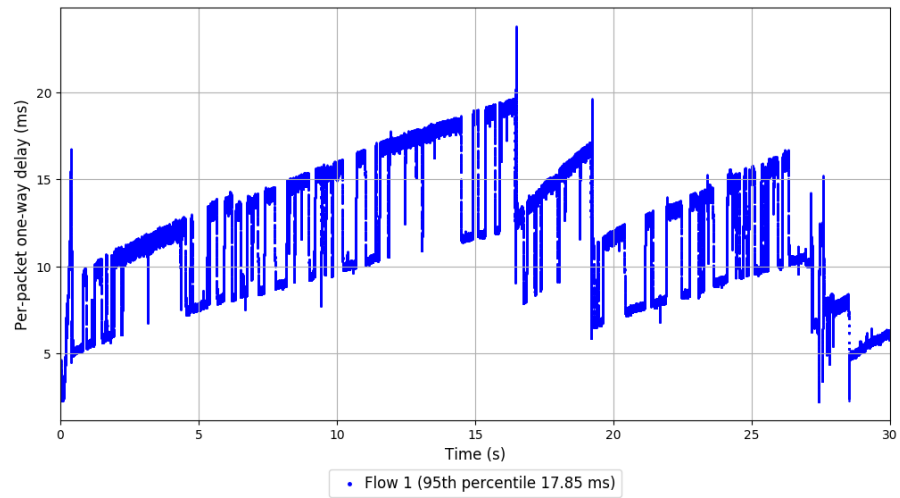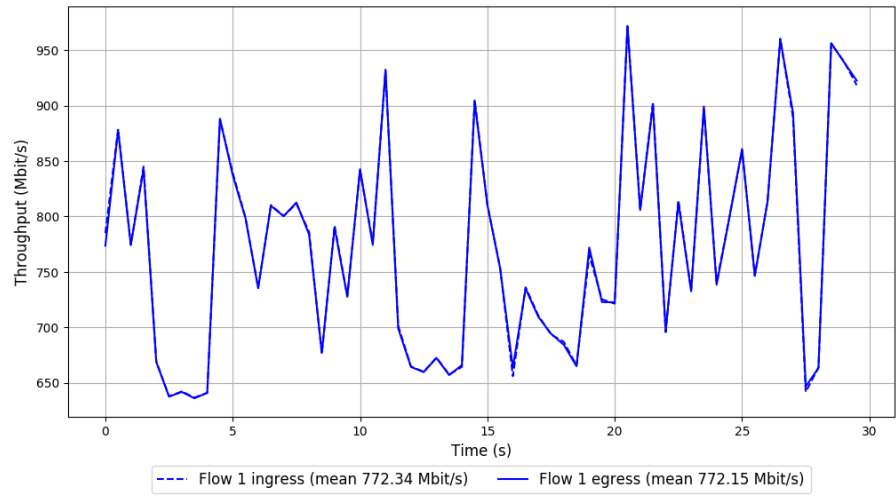
Run 2: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 703.00 Mbit/s) ---- Flow 1 egress (mean 702.84 Mbit/s)

Flow 1 (95th percentile 11.64 ms)

```
Run 3: Statistics of TCP Cubic

Start at: 2017-11-30 12:30:58
End at: 2017-11-30 12:31:28
Local clock offset: 1.359 ms
Remote clock offset: -0.04 ms


# Below is generated by plot.py at 2017-11-30 16:48:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 848.24 Mbit/s
95th percentile per-packet one-way delay: 15.265 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 848.24 Mbit/s
95th percentile per-packet one-way delay: 15.265 ms
Loss rate: 0.02%
```
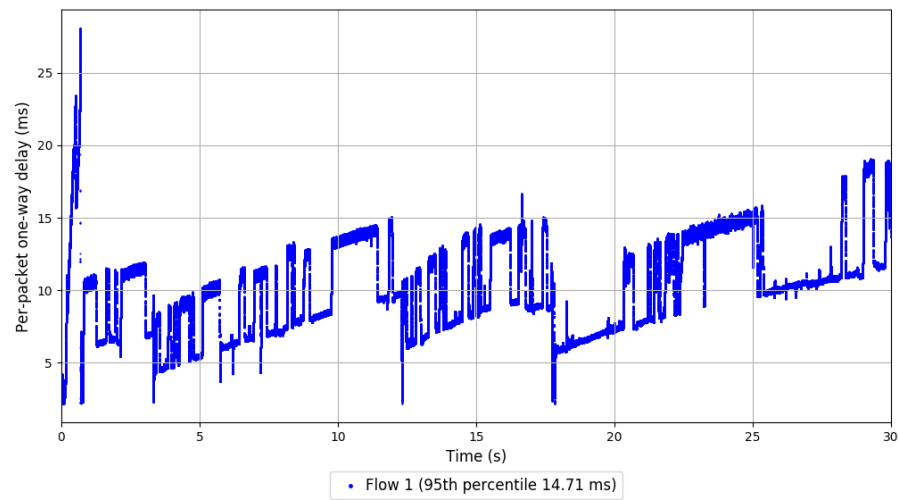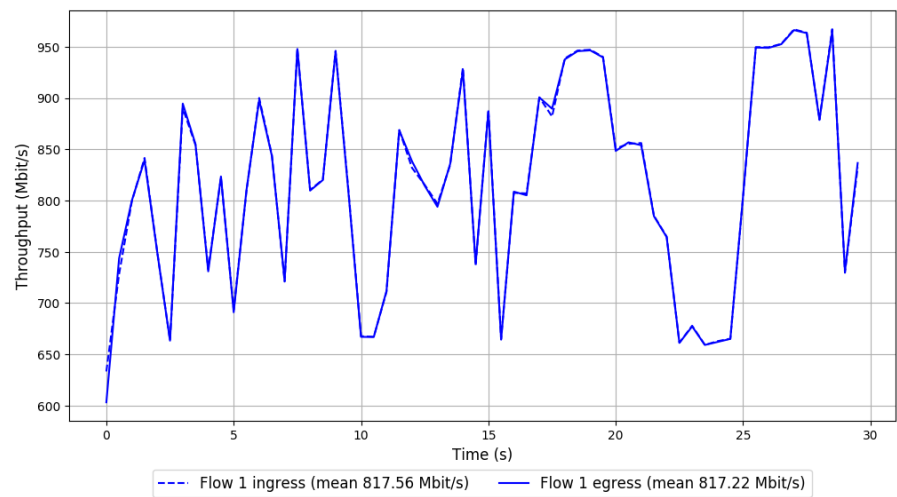
Run 3: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 848.39 Mbit/s) --- Flow 1 egress (mean 848.24 Mbit/s)

Flow 1 (95th percentile 15.27 ms)

```
Run 4: Statistics of TCP Cubic

Start at: 2017-11-30 12:49:01
End at: 2017-11-30 12:49:31
Local clock offset: 1.592 ms
Remote clock offset: 0.006 ms


# Below is generated by plot.py at 2017-11-30 16:48:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 772.15 Mbit/s
95th percentile per-packet one-way delay: 17.849 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 772.15 Mbit/s
95th percentile per-packet one-way delay: 17.849 ms
Loss rate: 0.02%
```
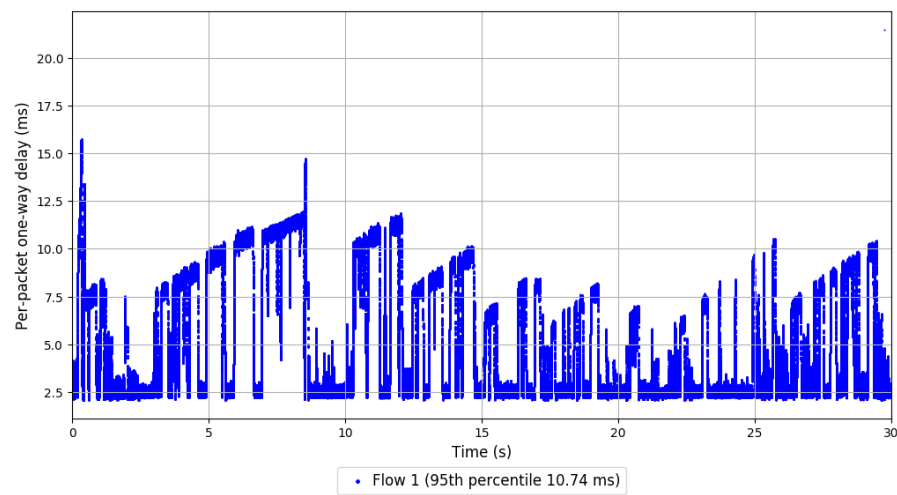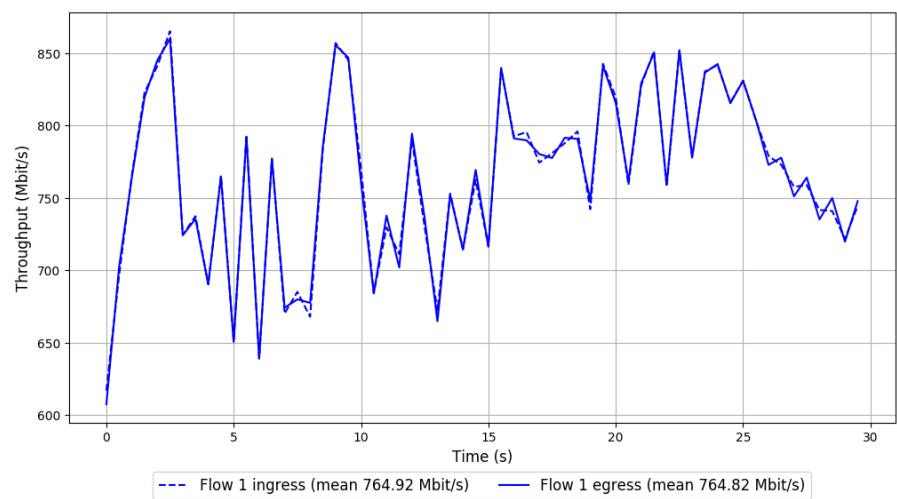
Run 4: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 772.34 Mbit/s) ----   Flow 1 egress (mean 772.15 Mbit/s) ——

Flow 1 (95th percentile 17.85 ms) •

```
Run 5: Statistics of TCP Cubic

Start at: 2017-11-30 13:07:07
End at: 2017-11-30 13:07:38
Local clock offset: 1.404 ms
Remote clock offset: 0.03 ms


# Below is generated by plot.py at 2017-11-30 16:48:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 817.22 Mbit/s
95th percentile per-packet one-way delay: 14.713 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 817.22 Mbit/s
95th percentile per-packet one-way delay: 14.713 ms
Loss rate: 0.04%
```
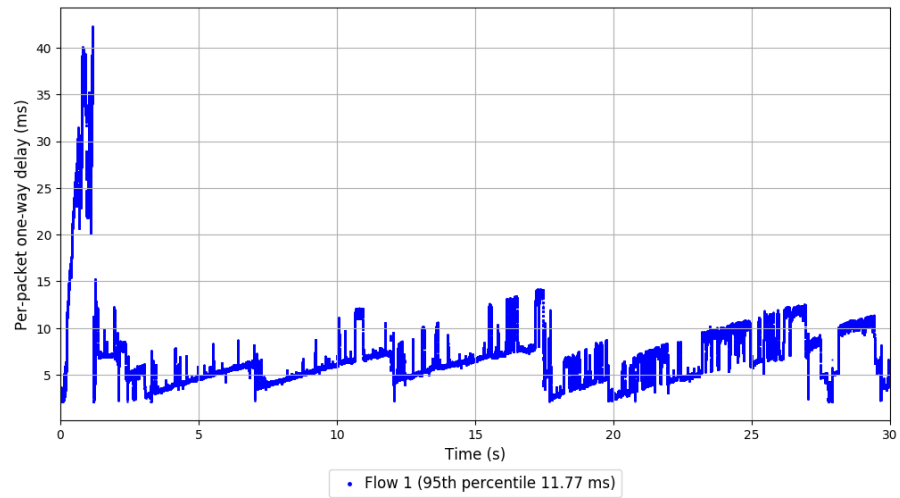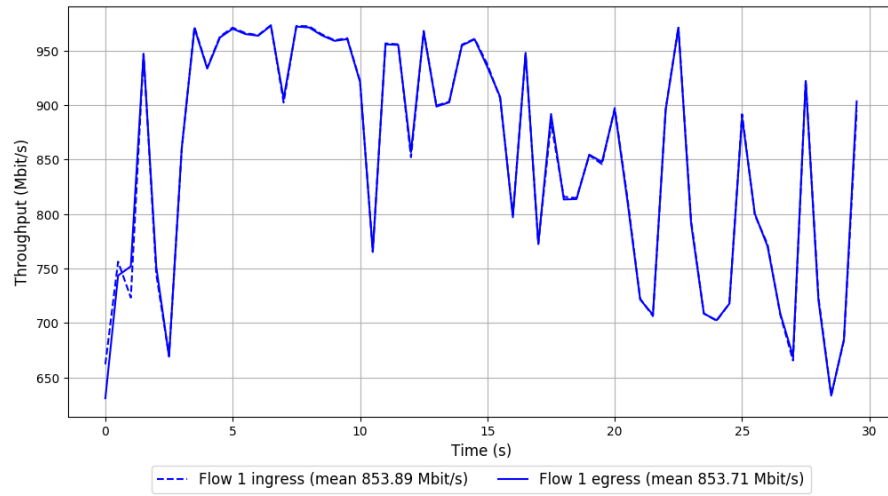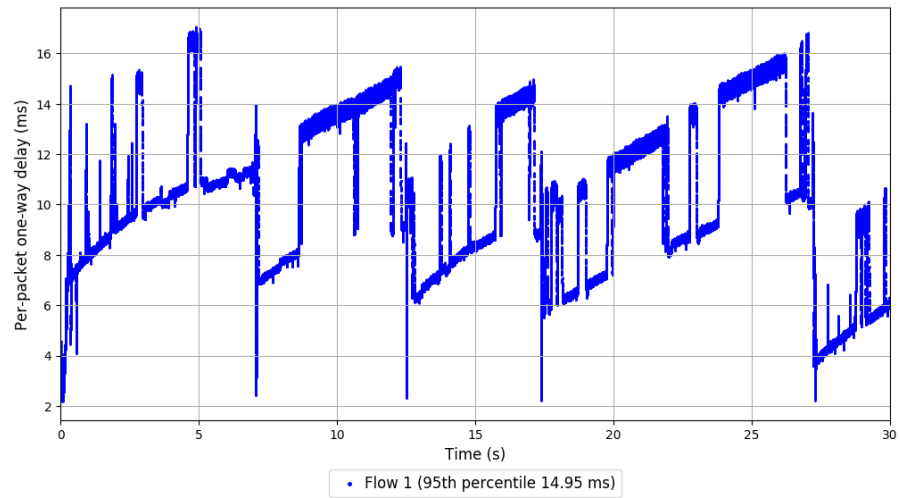
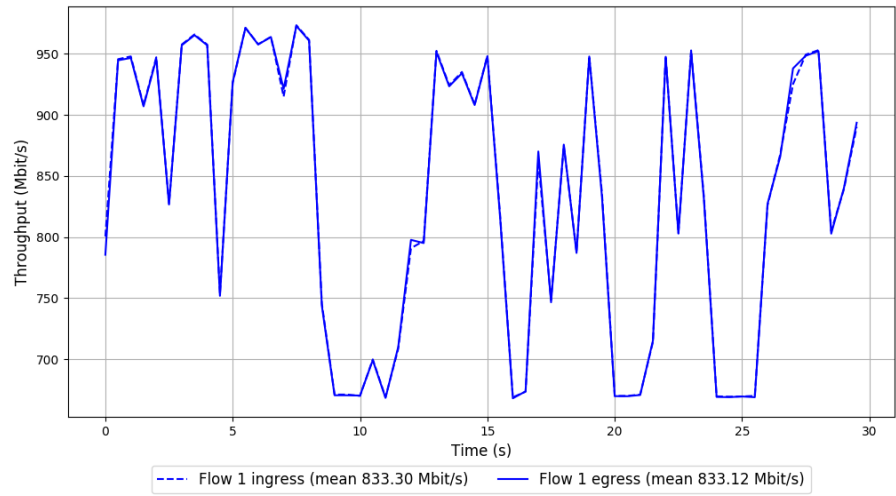Run 5: Report of TCP Cubic — Data Link

```
Run 6: Statistics of TCP Cubic

Start at: 2017-11-30 13:25:07
End at: 2017-11-30 13:25:37
Local clock offset: 1.281 ms
Remote clock offset: -0.03 ms


# Below is generated by plot.py at 2017-11-30 16:48:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 764.82 Mbit/s
95th percentile per-packet one-way delay: 10.740 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 764.82 Mbit/s
95th percentile per-packet one-way delay: 10.740 ms
Loss rate: 0.01%
```

Run 6: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 764.92 Mbit/s) --- Flow 1 egress (mean 764.82 Mbit/s)
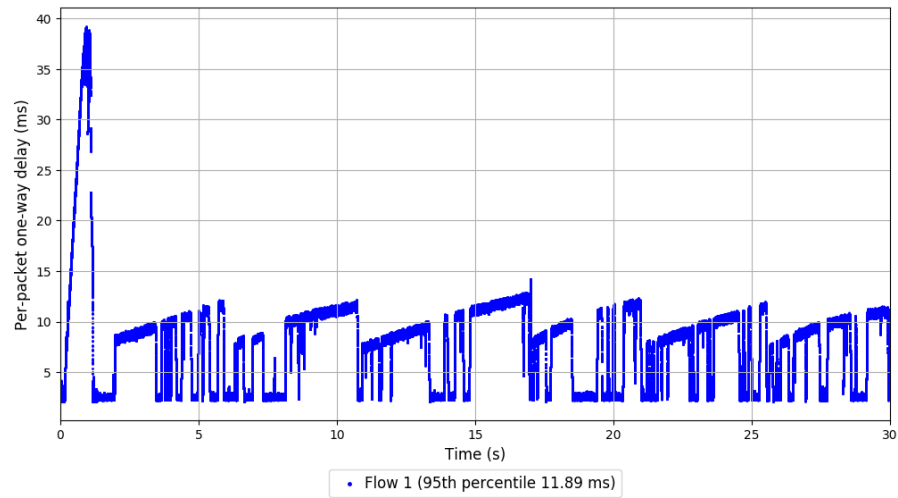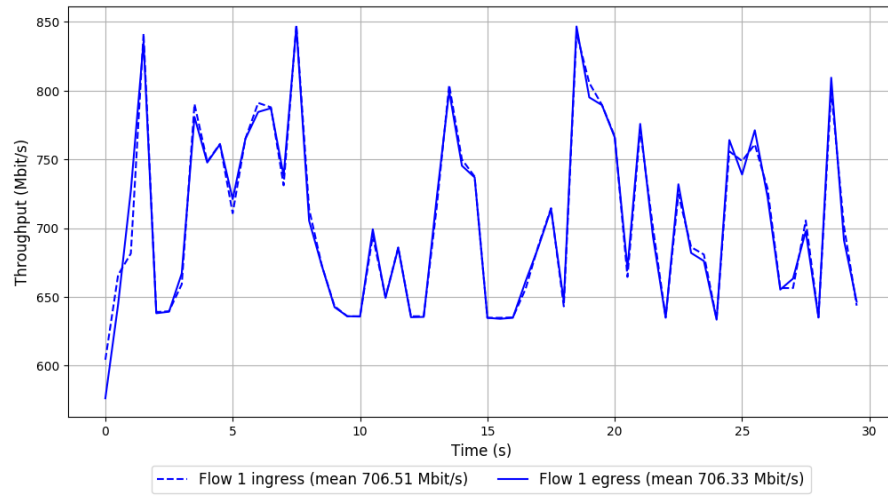

Flow 1 (95th percentile 10.74 ms)

```
Run 7: Statistics of TCP Cubic

Start at: 2017-11-30 13:43:06
End at: 2017-11-30 13:43:36
Local clock offset: 1.328 ms
Remote clock offset: -0.008 ms


# Below is generated by plot.py at 2017-11-30 16:55:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 853.71 Mbit/s
95th percentile per-packet one-way delay: 11.767 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 853.71 Mbit/s
95th percentile per-packet one-way delay: 11.767 ms
Loss rate: 0.02%
```

Run 7: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 853.89 Mbit/s) --- Flow 1 egress (mean 853.71 Mbit/s)

Flow 1 (95th percentile 11.77 ms)

```
Run 8: Statistics of TCP Cubic

Start at: 2017-11-30 14:01:09
End at: 2017-11-30 14:01:39
Local clock offset: 1.385 ms
Remote clock offset: -0.015 ms


# Below is generated by plot.py at 2017-11-30 16:56:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 833.12 Mbit/s
95th percentile per-packet one-way delay: 14.954 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 833.12 Mbit/s
95th percentile per-packet one-way delay: 14.954 ms
Loss rate: 0.02%
```
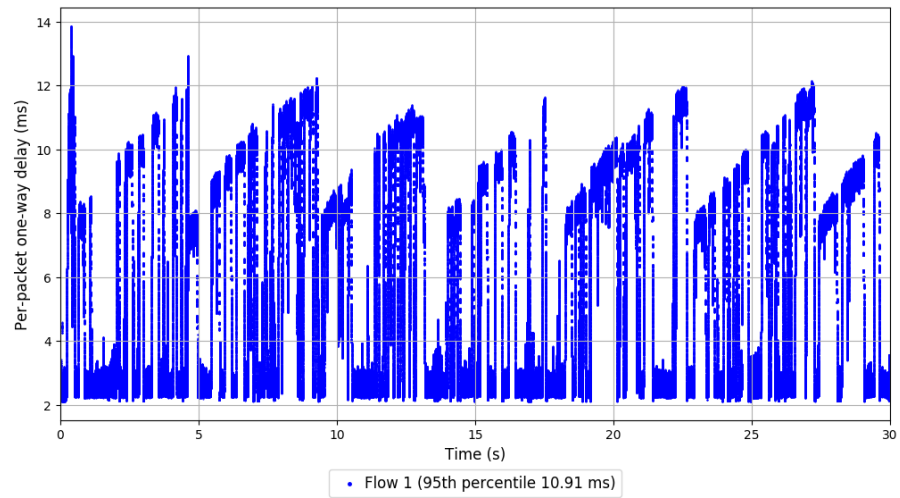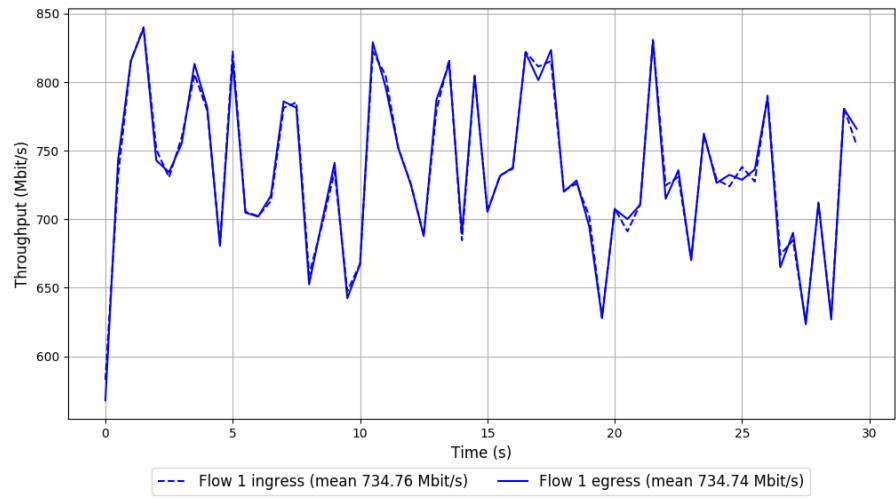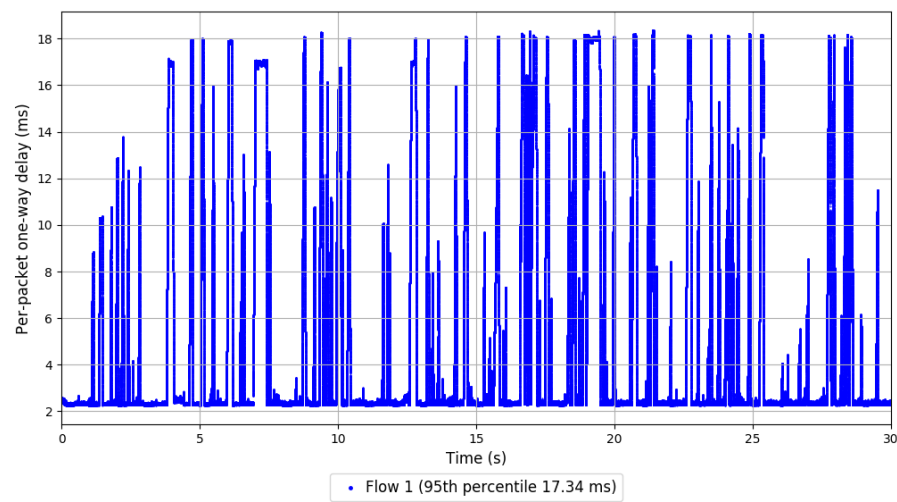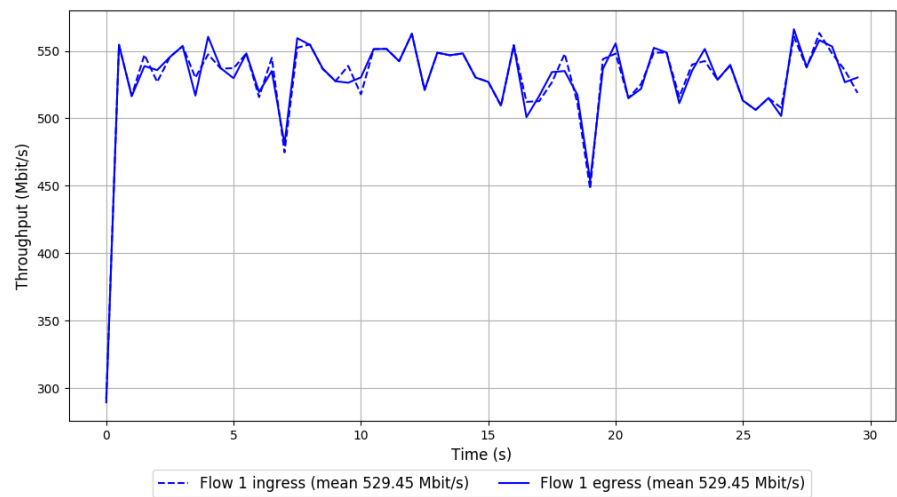
Run 8: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 833.30 Mbit/s)   —— Flow 1 egress (mean 833.12 Mbit/s)

• Flow 1 (95th percentile 14.95 ms)

```
Run 9: Statistics of TCP Cubic

Start at: 2017-11-30 14:19:23
End at: 2017-11-30 14:19:53
Local clock offset: 1.257 ms
Remote clock offset: -0.091 ms


# Below is generated by plot.py at 2017-11-30 16:56:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 706.33 Mbit/s
95th percentile per-packet one-way delay: 11.892 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 706.33 Mbit/s
95th percentile per-packet one-way delay: 11.892 ms
Loss rate: 0.03%
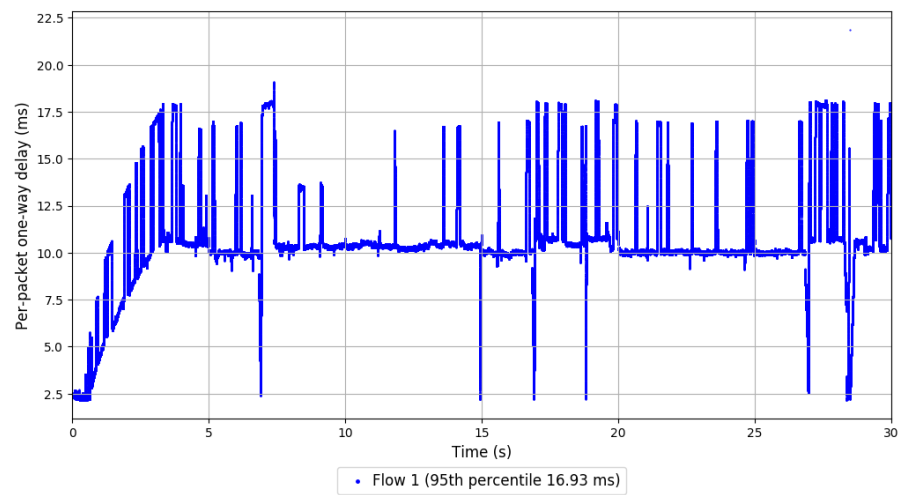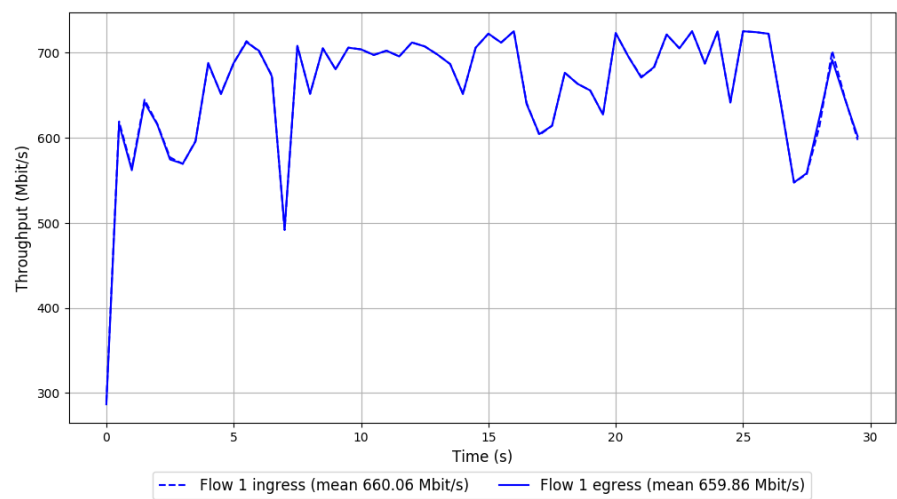```

Run 9: Report of TCP Cubic — Data Link



Flow 1 ingress (mean 706.51 Mbit/s) ——— Flow 1 egress (mean 706.33 Mbit/s)



Flow 1 (95th percentile 11.89 ms)

```
Run 10: Statistics of TCP Cubic

Start at: 2017-11-30 14:37:17
End at: 2017-11-30 14:37:47
Local clock offset: 1.204 ms
Remote clock offset: -0.053 ms


# Below is generated by plot.py at 2017-11-30 16:57:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 734.74 Mbit/s
95th percentile per-packet one-way delay: 10.908 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 734.74 Mbit/s
95th percentile per-packet one-way delay: 10.908 ms
Loss rate: 0.00%
```

Run 10: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 734.76 Mbit/s) — Flow 1 egress (mean 734.74 Mbit/s)
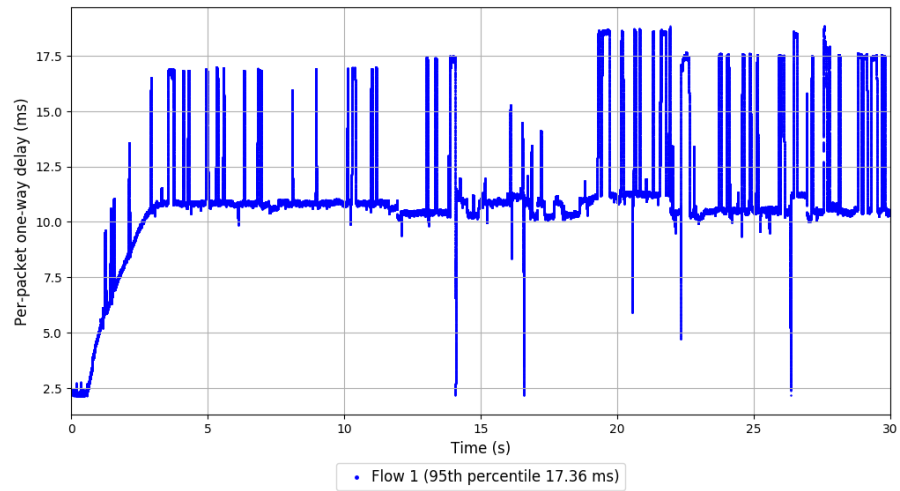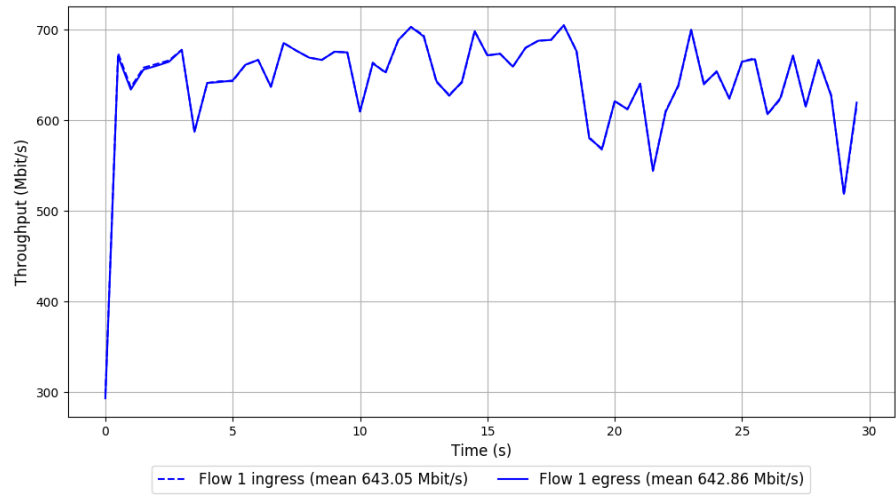

• Flow 1 (95th percentile 10.91 ms)

```
Run 1: Statistics of LEDBAT

Start at: 2017-11-30 11:52:29
End at: 2017-11-30 11:52:59
Local clock offset: 0.993 ms
Remote clock offset: -0.088 ms


# Below is generated by plot.py at 2017-11-30 16:57:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 529.45 Mbit/s
95th percentile per-packet one-way delay: 17.335 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 529.45 Mbit/s
95th percentile per-packet one-way delay: 17.335 ms
Loss rate: 0.00%
```

Run 1: Report of LEDBAT — Data Link

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```
Run 2: Statistics of LEDBAT

Start at: 2017-11-30 12:10:13
End at: 2017-11-30 12:10:43
Local clock offset: 1.126 ms
Remote clock offset: -0.222 ms


# Below is generated by plot.py at 2017-11-30 16:57:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 659.86 Mbit/s
95th percentile per-packet one-way delay: 16.928 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 659.86 Mbit/s
95th percentile per-packet one-way delay: 16.928 ms
Loss rate: 0.03%
```
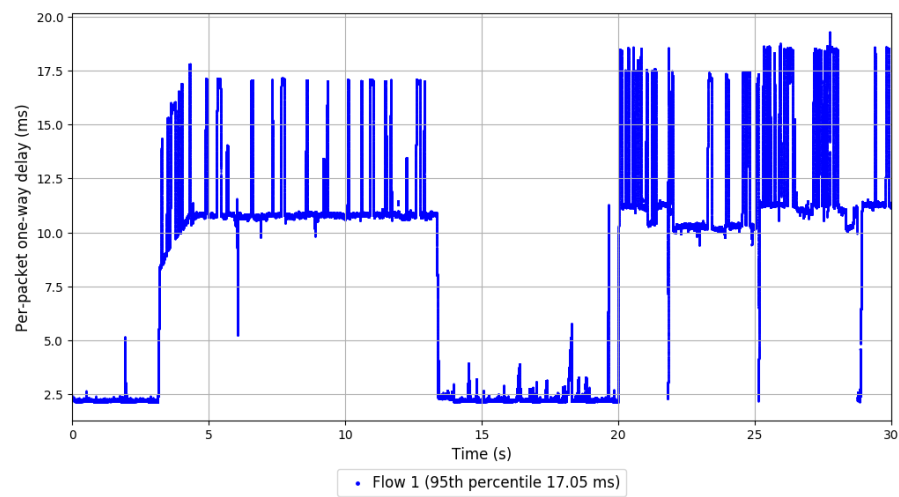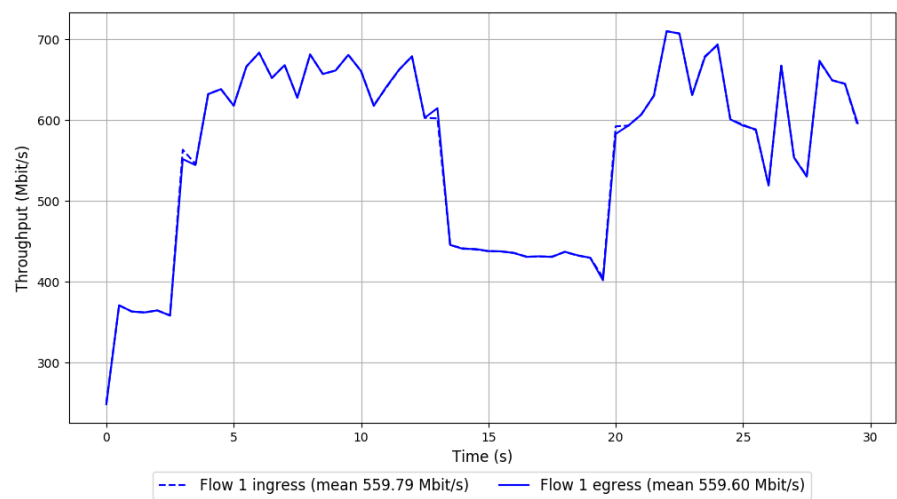
Run 2: Report of LEDBAT — Data Link

```
Run 3: Statistics of LEDBAT

Start at: 2017-11-30 12:28:11
End at: 2017-11-30 12:28:41
Local clock offset: 1.242 ms
Remote clock offset: -0.117 ms

# Below is generated by plot.py at 2017-11-30 16:57:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 642.86 Mbit/s
95th percentile per-packet one-way delay: 17.361 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 642.86 Mbit/s
95th percentile per-packet one-way delay: 17.361 ms
Loss rate: 0.03%
```
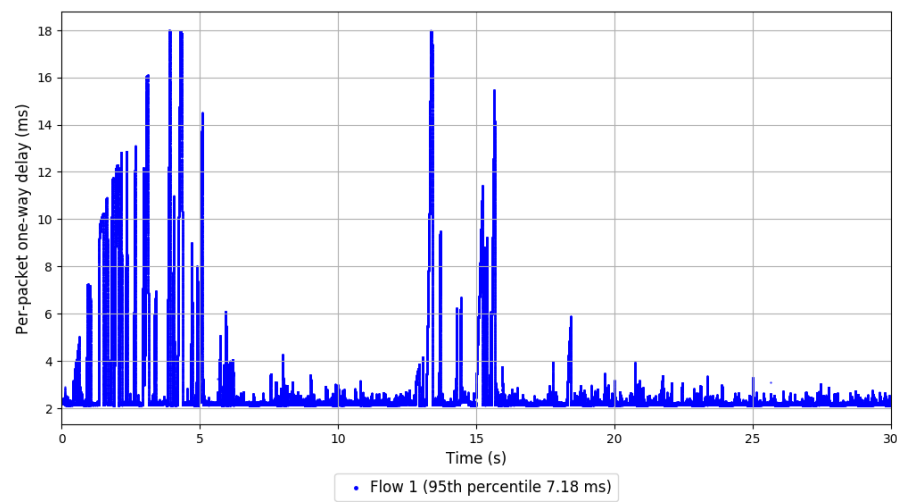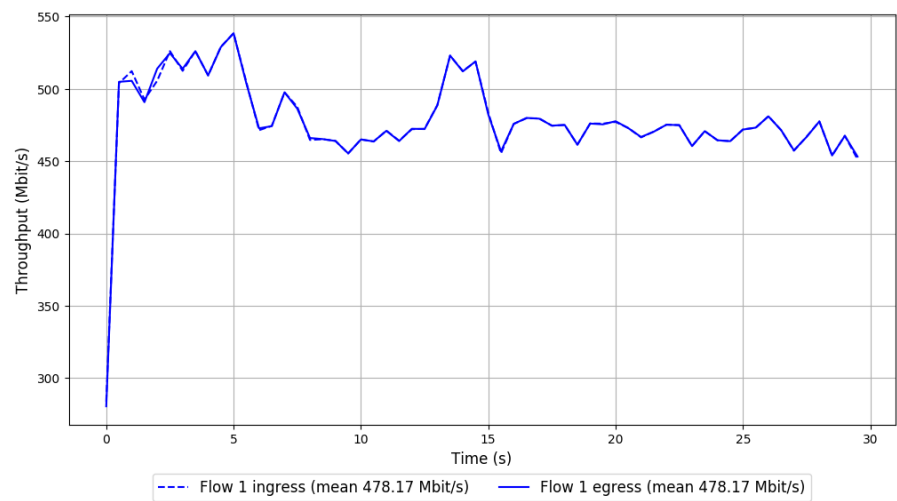
Run 3: Report of LEDBAT — Data Link

Flow 1 ingress (mean 643.05 Mbit/s)　　Flow 1 egress (mean 642.86 Mbit/s)

Flow 1 (95th percentile 17.36 ms)

```
Run 4: Statistics of LEDBAT

Start at: 2017-11-30 12:46:14
End at: 2017-11-30 12:46:44
Local clock offset: 1.625 ms
Remote clock offset: 0.03 ms


# Below is generated by plot.py at 2017-11-30 16:57:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 559.60 Mbit/s
95th percentile per-packet one-way delay: 17.052 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 559.60 Mbit/s
95th percentile per-packet one-way delay: 17.052 ms
Loss rate: 0.04%
```
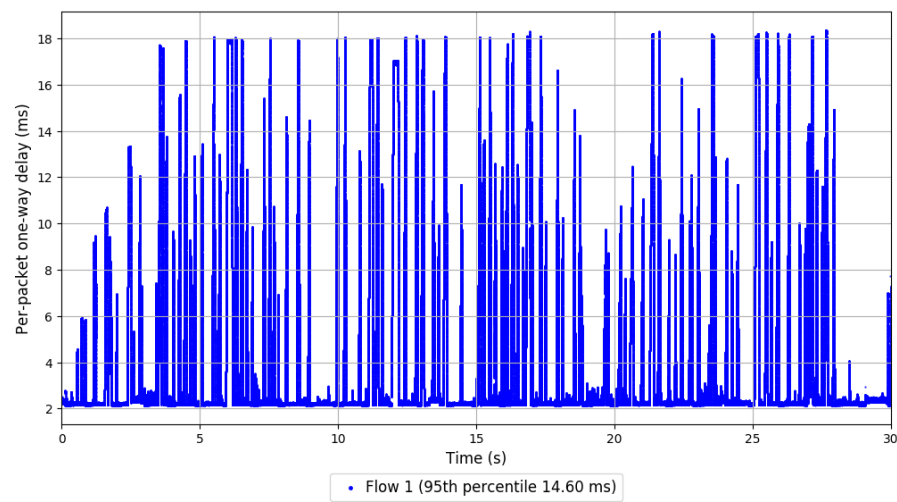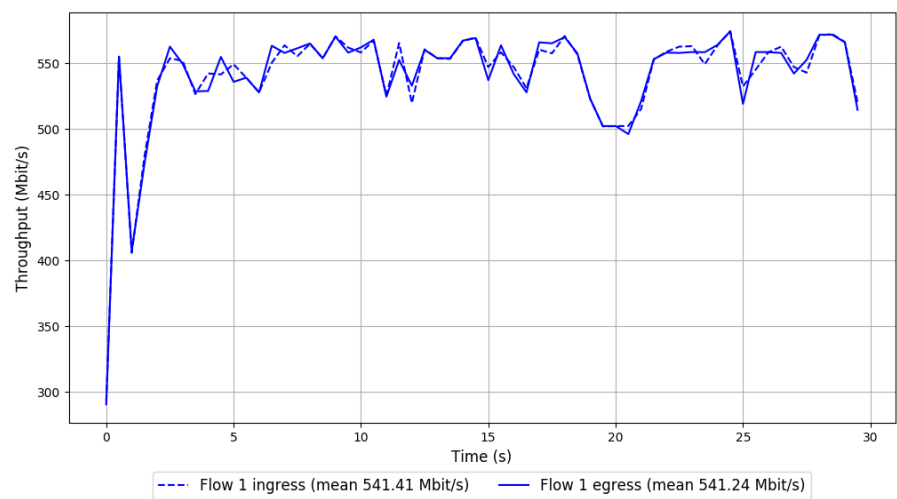
Run 4: Report of LEDBAT — Data Link

Flow 1 ingress (mean 559.79 Mbit/s) Flow 1 egress (mean 559.60 Mbit/s)

Flow 1 (95th percentile 17.05 ms)

```
Run 5: Statistics of LEDBAT

Start at: 2017-11-30 13:04:18
End at: 2017-11-30 13:04:48
Local clock offset: 1.448 ms
Remote clock offset: 0.021 ms

# Below is generated by plot.py at 2017-11-30 17:02:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 478.17 Mbit/s
95th percentile per-packet one-way delay: 7.181 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 478.17 Mbit/s
95th percentile per-packet one-way delay: 7.181 ms
Loss rate: 0.00%
```
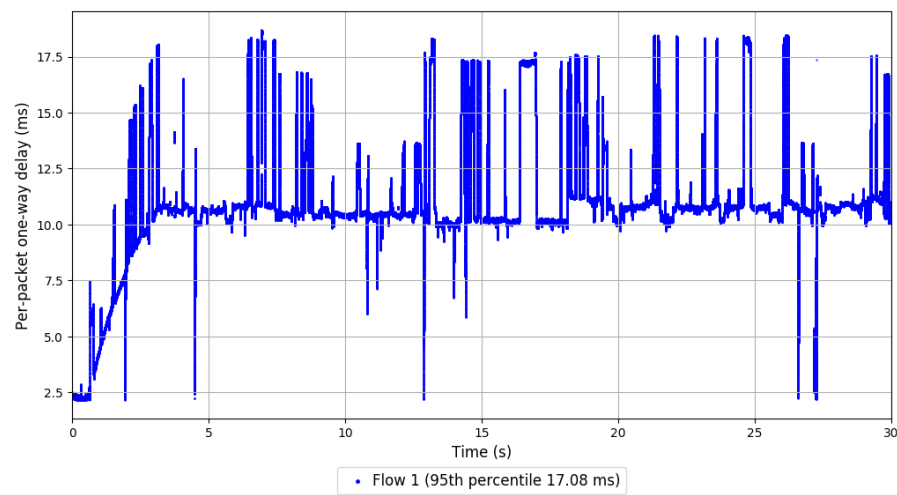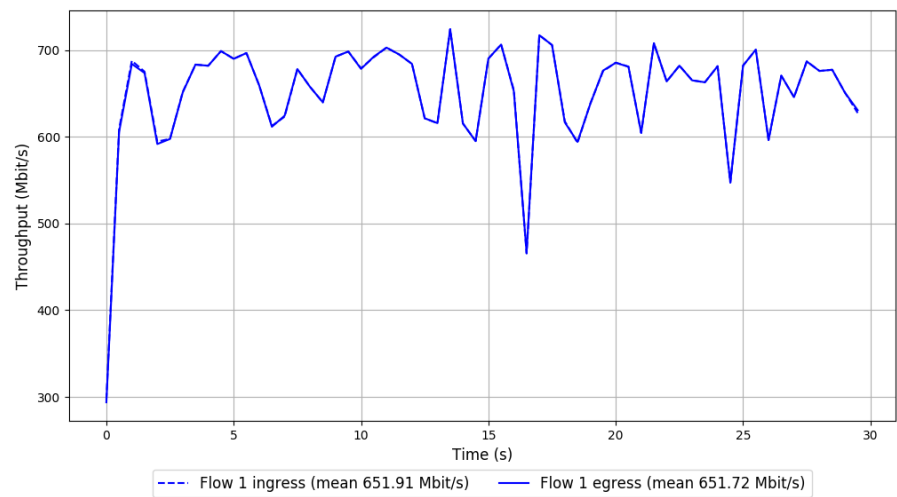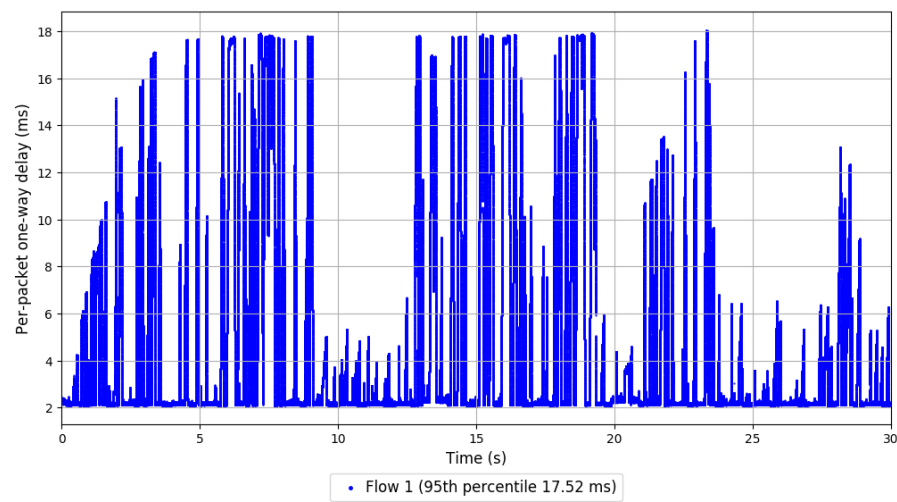
Run 5: Report of LEDBAT — Data Link

Flow 1 ingress (mean 478.17 Mbit/s) —— Flow 1 egress (mean 478.17 Mbit/s)
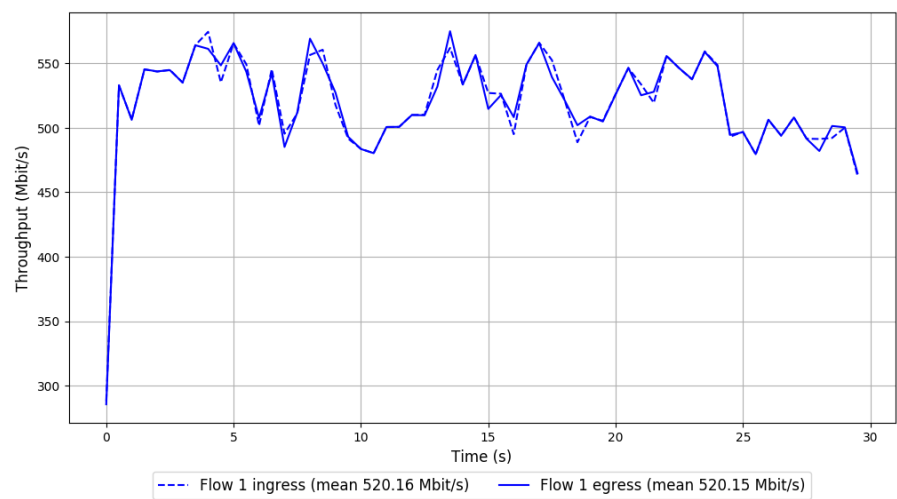

• Flow 1 (95th percentile 7.18 ms)

```
Run 6: Statistics of LEDBAT

Start at: 2017-11-30 13:22:22
End at: 2017-11-30 13:22:52
Local clock offset: 1.29 ms
Remote clock offset: 0.04 ms


# Below is generated by plot.py at 2017-11-30 17:03:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 541.24 Mbit/s
95th percentile per-packet one-way delay: 14.603 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 541.24 Mbit/s
95th percentile per-packet one-way delay: 14.603 ms
Loss rate: 0.03%
```
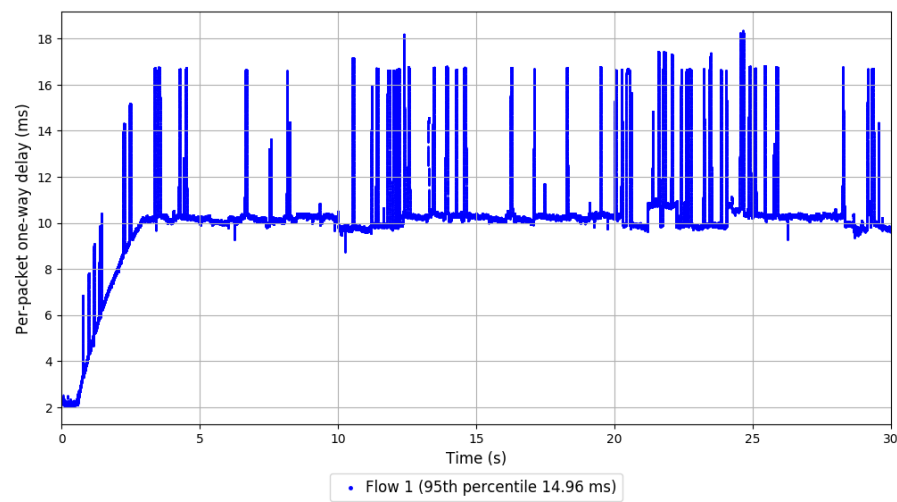
Run 6: Report of LEDBAT — Data Link

Flow 1 ingress (mean 541.41 Mbit/s)   Flow 1 egress (mean 541.24 Mbit/s)

• Flow 1 (95th percentile 14.60 ms)

```
Run 7: Statistics of LEDBAT

Start at: 2017-11-30 13:40:16
End at: 2017-11-30 13:40:46
Local clock offset: 1.299 ms
Remote clock offset: 0.018 ms


# Below is generated by plot.py at 2017-11-30 17:05:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 651.72 Mbit/s
95th percentile per-packet one-way delay: 17.084 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 651.72 Mbit/s
95th percentile per-packet one-way delay: 17.084 ms
Loss rate: 0.03%
```
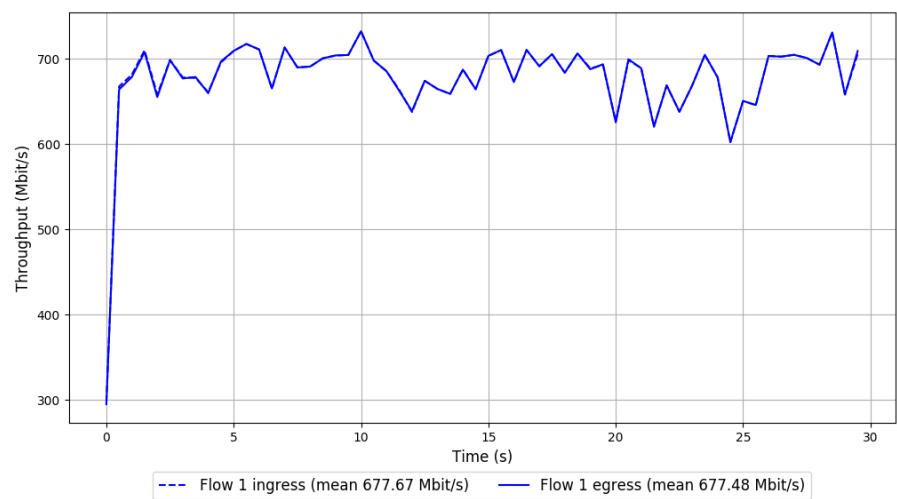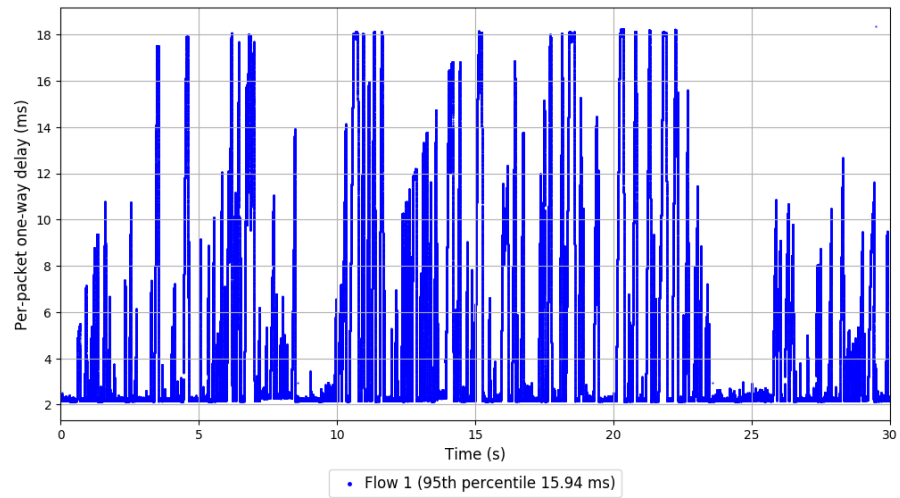
Run 7: Report of LEDBAT — Data Link

```
Run 8: Statistics of LEDBAT

Start at: 2017-11-30 13:58:24
End at: 2017-11-30 13:58:54
Local clock offset: 1.372 ms
Remote clock offset: -0.078 ms


# Below is generated by plot.py at 2017-11-30 17:05:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 520.15 Mbit/s
95th percentile per-packet one-way delay: 17.520 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 520.15 Mbit/s
95th percentile per-packet one-way delay: 17.520 ms
Loss rate: 0.00%
```
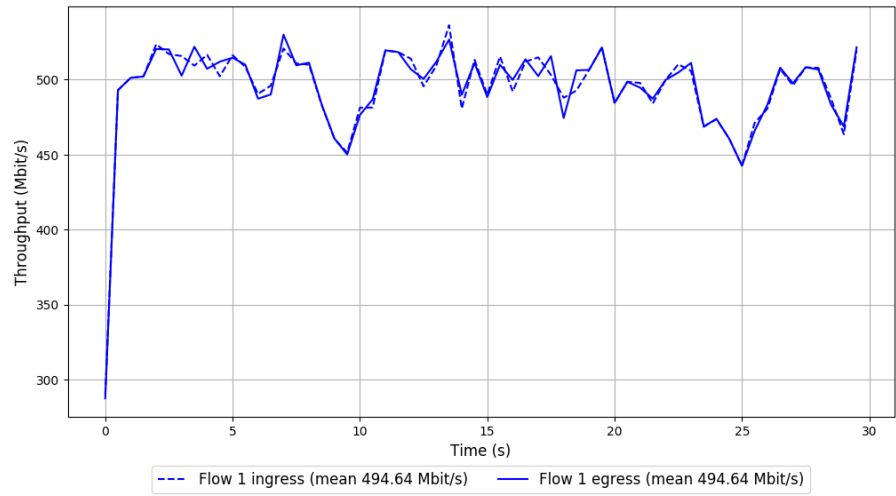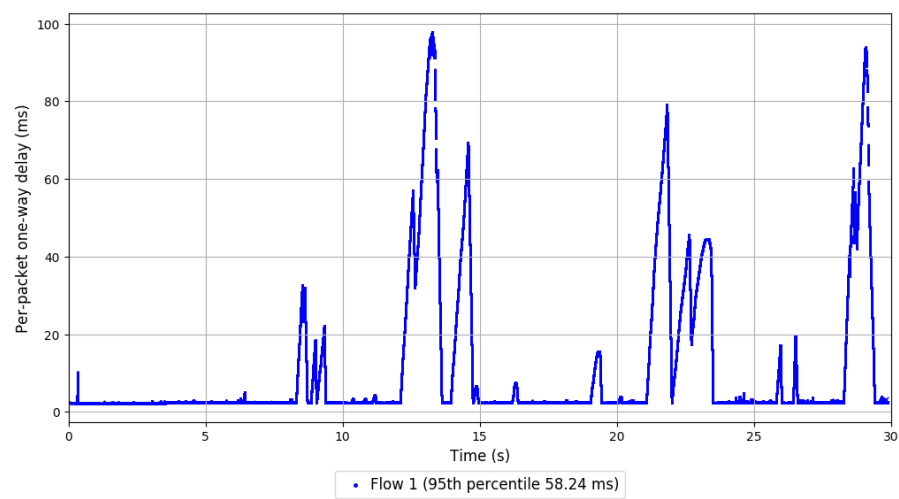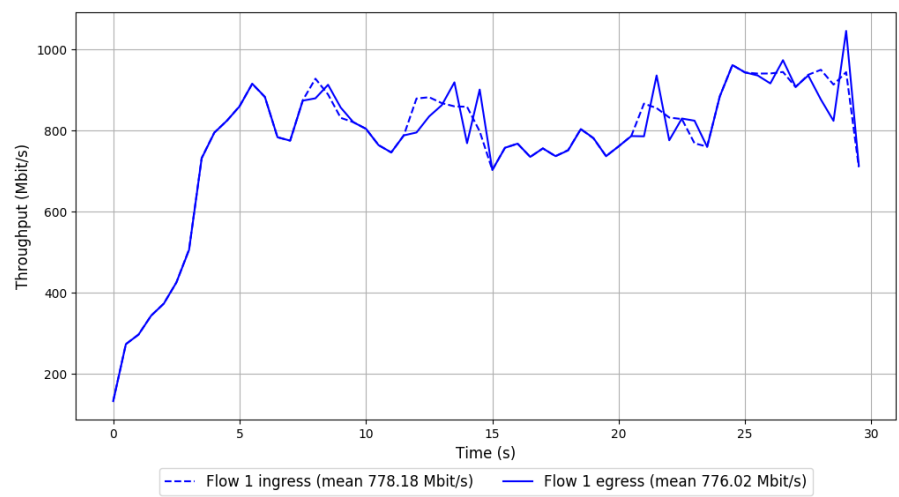
Run 8: Report of LEDBAT — Data Link

Flow 1 ingress (mean 520.16 Mbit/s)   Flow 1 egress (mean 520.15 Mbit/s)
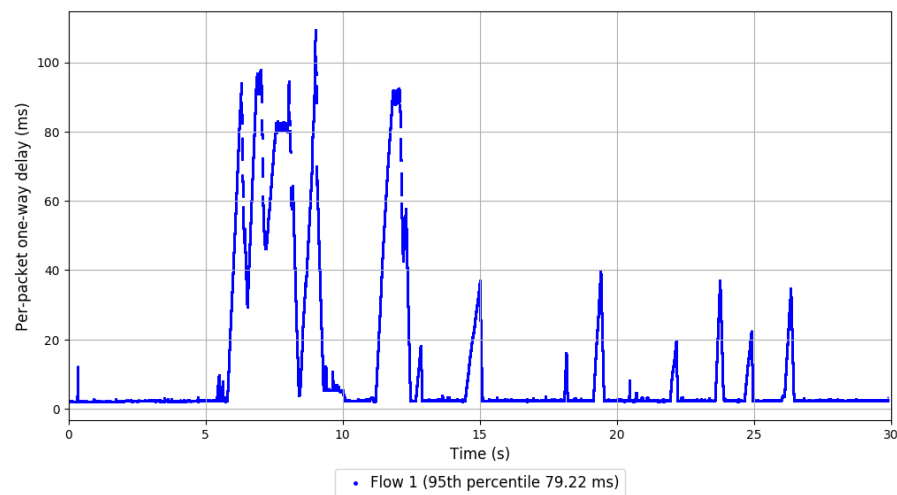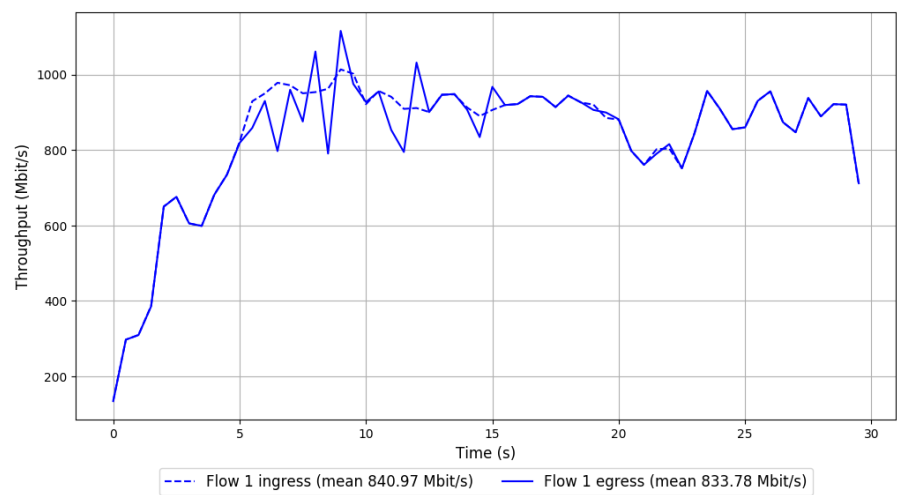

Flow 1 (95th percentile 17.52 ms)

```
Run 9: Statistics of LEDBAT

Start at: 2017-11-30 14:16:23
End at: 2017-11-30 14:16:53
Local clock offset: 1.313 ms
Remote clock offset: -0.08 ms


# Below is generated by plot.py at 2017-11-30 17:06:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 677.48 Mbit/s
95th percentile per-packet one-way delay: 14.959 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 677.48 Mbit/s
95th percentile per-packet one-way delay: 14.959 ms
Loss rate: 0.03%
```

Run 9: Report of LEDBAT — Data Link

Flow 1 ingress (mean 677.67 Mbit/s) Flow 1 egress (mean 677.48 Mbit/s)

Flow 1 (95th percentile 14.96 ms)

```
Run 10: Statistics of LEDBAT

Start at: 2017-11-30 14:34:22
End at: 2017-11-30 14:34:52
Local clock offset: 1.184 ms
Remote clock offset: -0.05 ms

# Below is generated by plot.py at 2017-11-30 17:06:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 494.64 Mbit/s
95th percentile per-packet one-way delay: 15.941 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 494.64 Mbit/s
95th percentile per-packet one-way delay: 15.941 ms
Loss rate: 0.00%
```
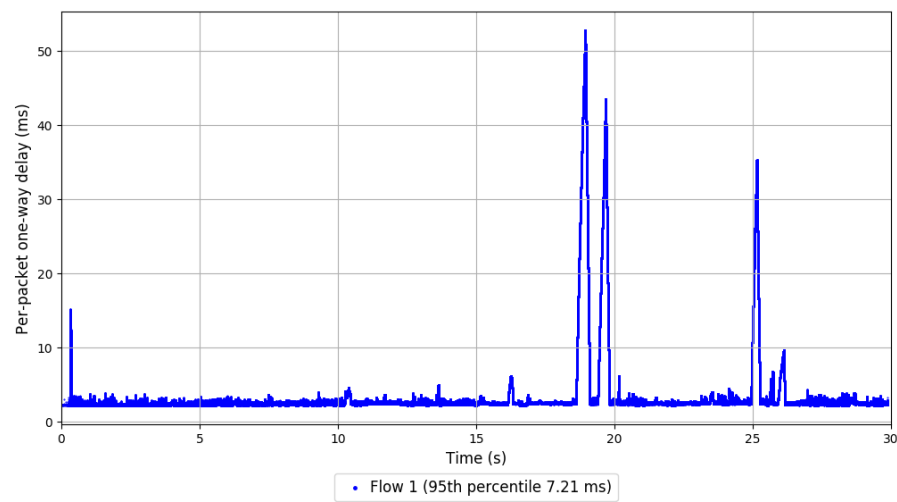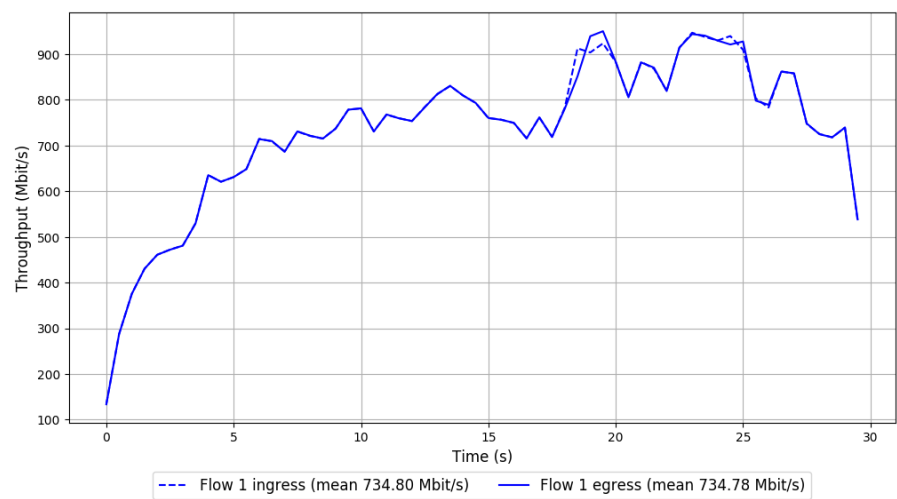
Run 10: Report of LEDBAT — Data Link

Flow 1 ingress (mean 494.64 Mbit/s)   Flow 1 egress (mean 494.64 Mbit/s)

• Flow 1 (95th percentile 15.94 ms)

```
Run 1: Statistics of PCC

Start at: 2017-11-30 12:00:00
End at: 2017-11-30 12:00:30
Local clock offset: 1.072 ms
Remote clock offset: -0.255 ms


# Below is generated by plot.py at 2017-11-30 17:08:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 776.02 Mbit/s
95th percentile per-packet one-way delay: 58.244 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 776.02 Mbit/s
95th percentile per-packet one-way delay: 58.244 ms
Loss rate: 0.27%
```
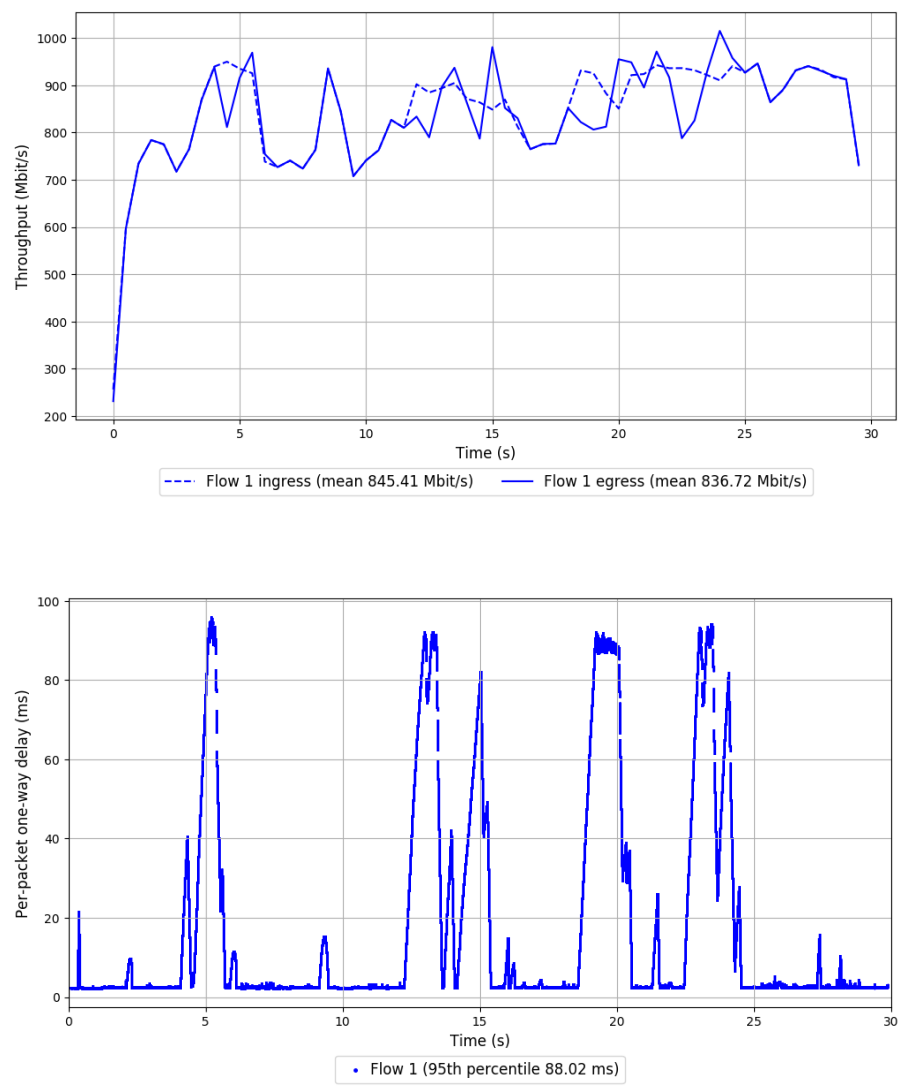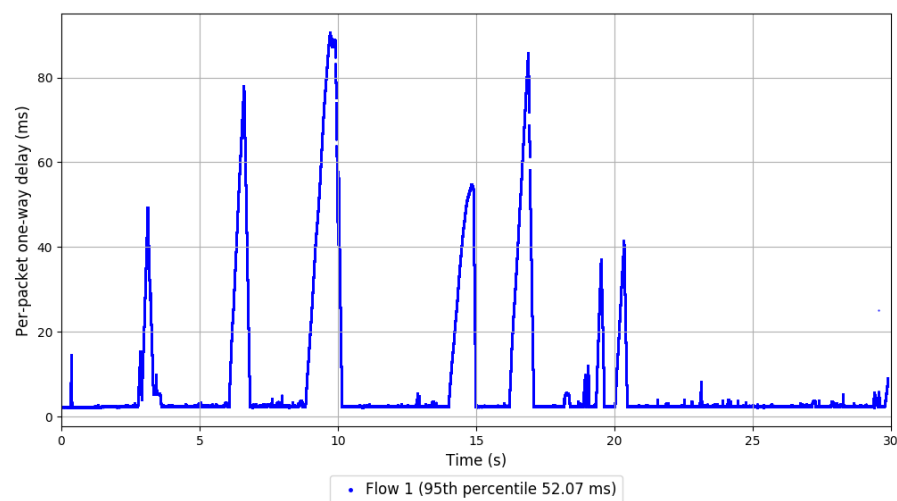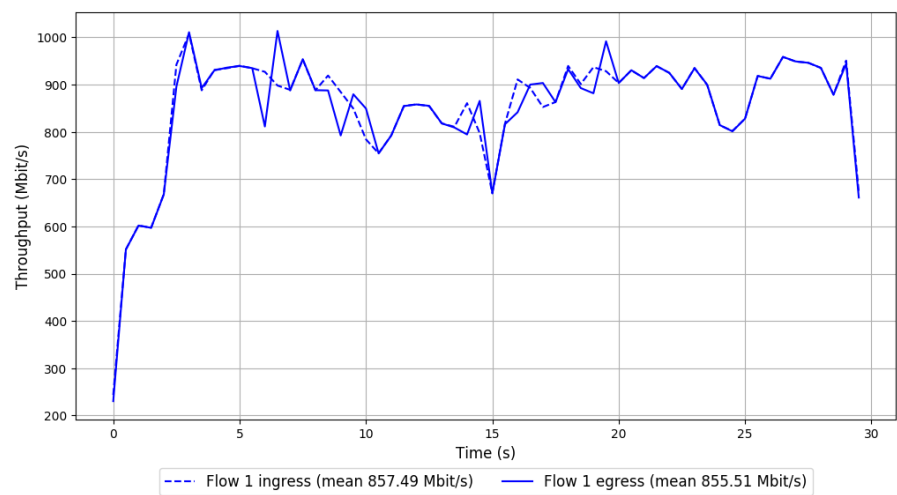
Run 1: Report of PCC — Data Link

```
Run 2: Statistics of PCC

Start at: 2017-11-30 12:17:59
End at: 2017-11-30 12:18:29
Local clock offset: 1.188 ms
Remote clock offset: -0.213 ms


# Below is generated by plot.py at 2017-11-30 17:09:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 833.78 Mbit/s
95th percentile per-packet one-way delay: 79.225 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 833.78 Mbit/s
95th percentile per-packet one-way delay: 79.225 ms
Loss rate: 0.85%
```

Run 2: Report of PCC — Data Link

Flow 1 ingress (mean 840.97 Mbit/s) ----- Flow 1 egress (mean 833.78 Mbit/s)
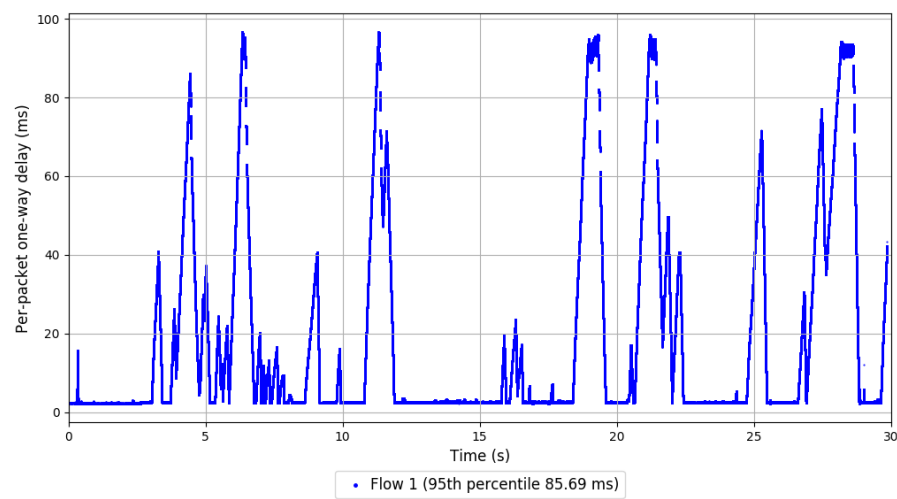

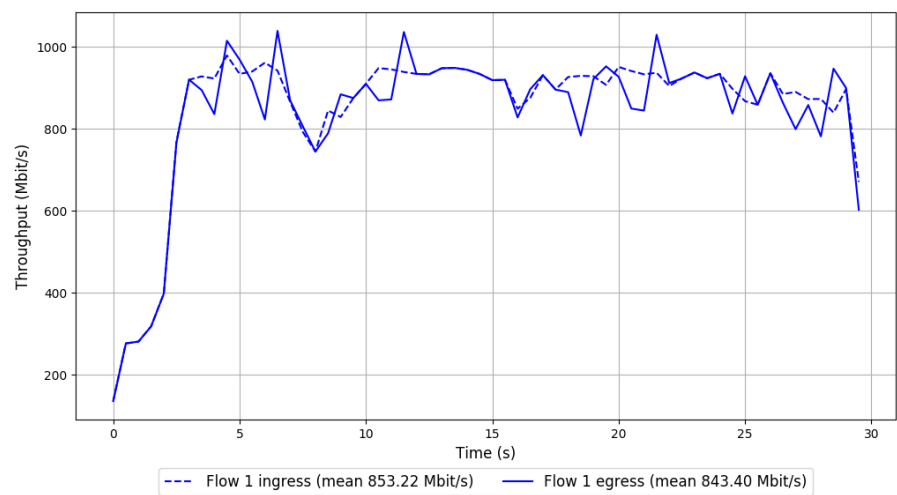• Flow 1 (95th percentile 79.22 ms)

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```
Run 3: Statistics of PCC

Start at: 2017-11-30 12:35:50
End at: 2017-11-30 12:36:20
Local clock offset: 1.413 ms
Remote clock offset: -0.02 ms


# Below is generated by plot.py at 2017-11-30 17:12:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 734.78 Mbit/s
95th percentile per-packet one-way delay: 7.212 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 734.78 Mbit/s
95th percentile per-packet one-way delay: 7.212 ms
Loss rate: 0.00%
```
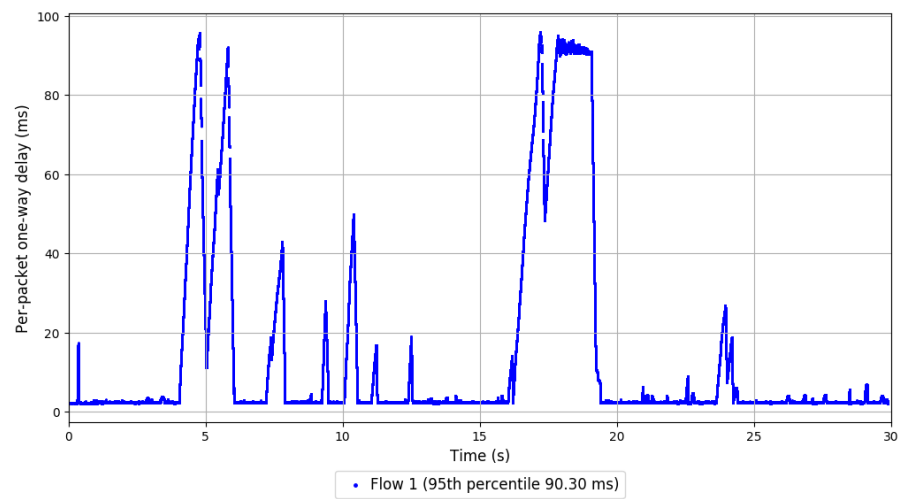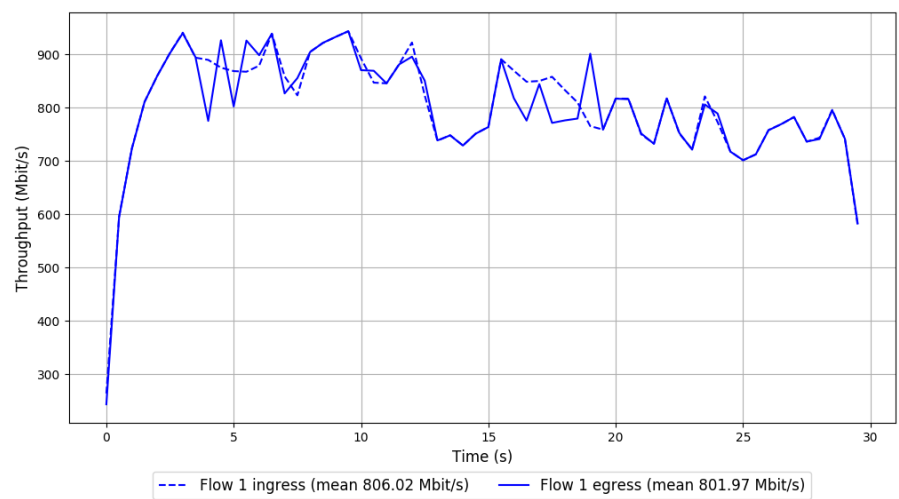
Run 3: Report of PCC — Data Link

```
Run 4: Statistics of PCC

Start at: 2017-11-30 12:53:51
End at: 2017-11-30 12:54:21
Local clock offset: 1.605 ms
Remote clock offset: 0.024 ms


# Below is generated by plot.py at 2017-11-30 17:15:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 836.72 Mbit/s
95th percentile per-packet one-way delay: 88.017 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 836.72 Mbit/s
95th percentile per-packet one-way delay: 88.017 ms
Loss rate: 1.03%
```
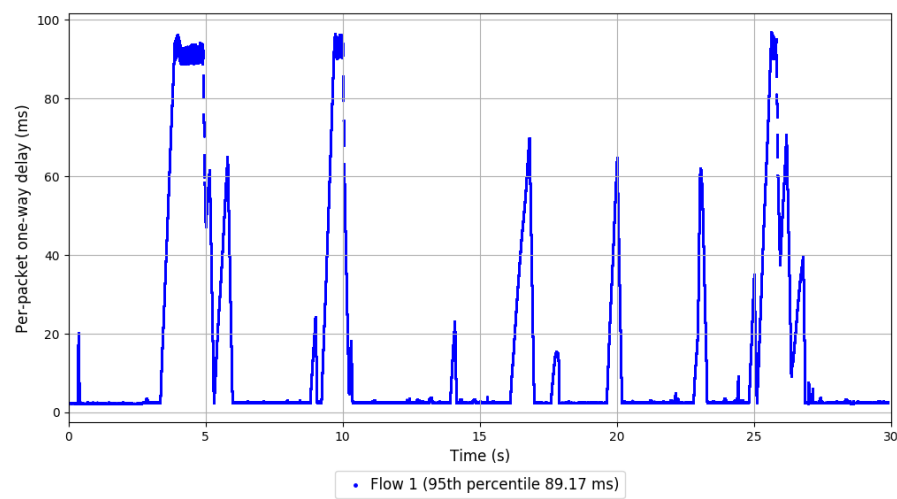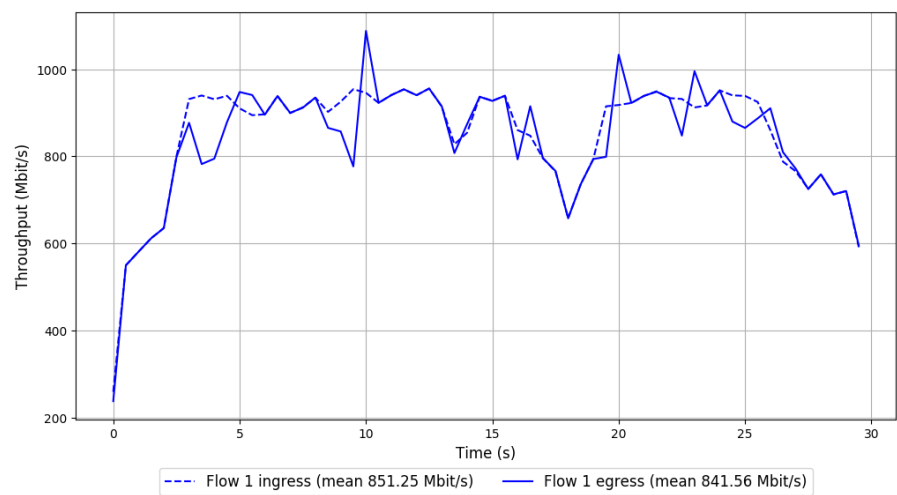
Run 4: Report of PCC — Data Link

```
Run 5: Statistics of PCC

Start at: 2017-11-30 13:11:58
End at: 2017-11-30 13:12:28
Local clock offset: 1.35 ms
Remote clock offset: -0.018 ms


# Below is generated by plot.py at 2017-11-30 17:16:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 855.51 Mbit/s
95th percentile per-packet one-way delay: 52.072 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 855.51 Mbit/s
95th percentile per-packet one-way delay: 52.072 ms
Loss rate: 0.23%
```

Run 5: Report of PCC — Data Link

Flow 1 ingress (mean 857.49 Mbit/s)   Flow 1 egress (mean 855.51 Mbit/s)
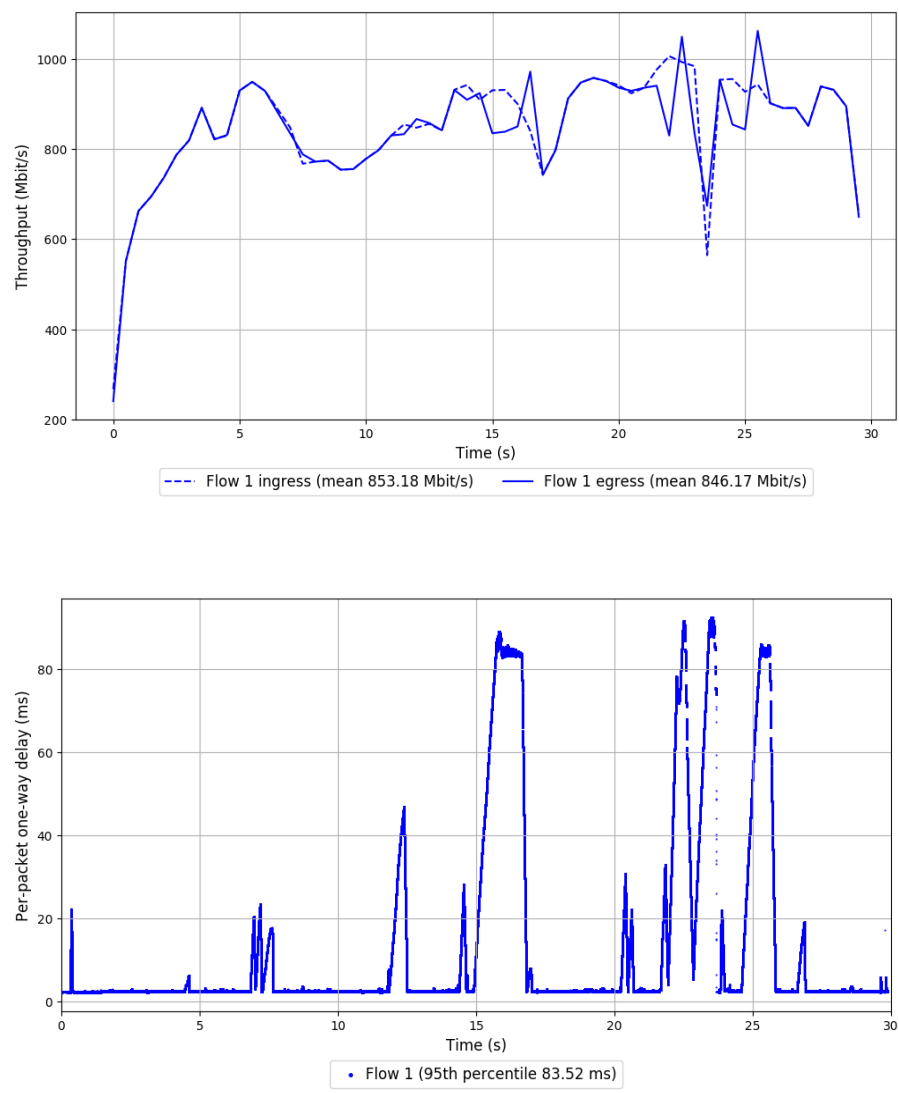

• Flow 1 (95th percentile 52.07 ms)

```
Run 6: Statistics of PCC

Start at: 2017-11-30 13:29:56
End at: 2017-11-30 13:30:26
Local clock offset: 1.233 ms
Remote clock offset: -0.012 ms


# Below is generated by plot.py at 2017-11-30 17:16:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 843.40 Mbit/s
95th percentile per-packet one-way delay: 85.689 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 843.40 Mbit/s
95th percentile per-packet one-way delay: 85.689 ms
Loss rate: 1.15%
```

Run 6: Report of PCC — Data Link

Flow 1 ingress (mean 853.22 Mbit/s)   Flow 1 egress (mean 843.40 Mbit/s)

Flow 1 (95th percentile 85.69 ms)

```
Run 7: Statistics of PCC

Start at: 2017-11-30 13:47:58
End at: 2017-11-30 13:48:28
Local clock offset: 1.335 ms
Remote clock offset: -0.037 ms


# Below is generated by plot.py at 2017-11-30 17:17:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 801.97 Mbit/s
95th percentile per-packet one-way delay: 90.303 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 801.97 Mbit/s
95th percentile per-packet one-way delay: 90.303 ms
Loss rate: 0.50%
```
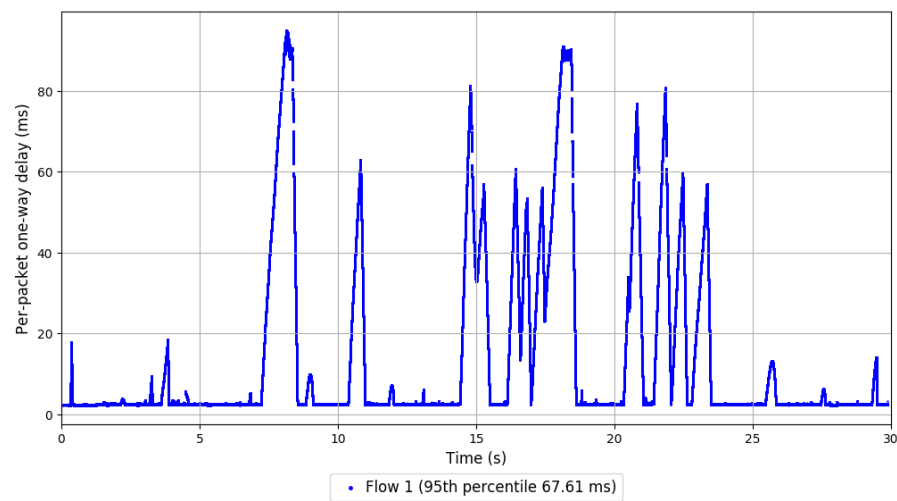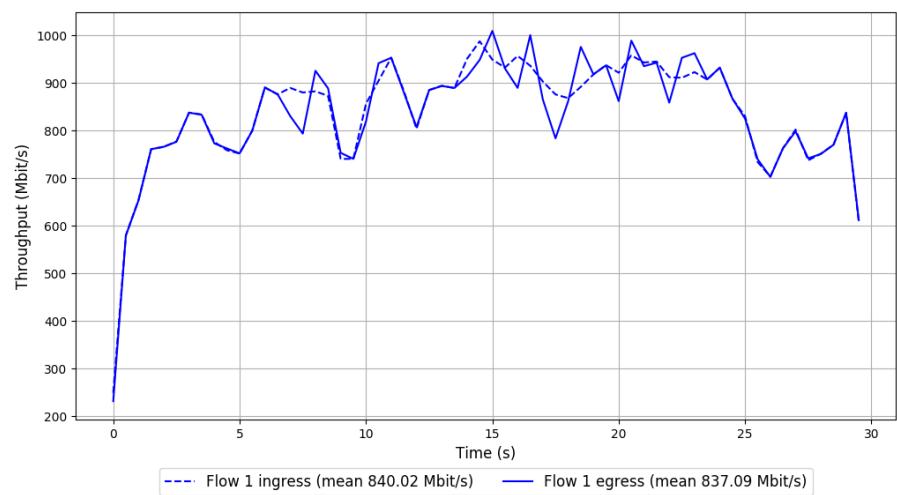
Run 7: Report of PCC — Data Link

Flow 1 ingress (mean 806.02 Mbit/s) — — — Flow 1 egress (mean 801.97 Mbit/s) ———

Flow 1 (95th percentile 90.30 ms)

```
Run 8: Statistics of PCC

Start at: 2017-11-30 14:06:00
End at: 2017-11-30 14:06:30
Local clock offset: 1.35 ms
Remote clock offset: -0.019 ms


# Below is generated by plot.py at 2017-11-30 17:19:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 841.56 Mbit/s
95th percentile per-packet one-way delay: 89.171 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 841.56 Mbit/s
95th percentile per-packet one-way delay: 89.171 ms
Loss rate: 1.14%
```
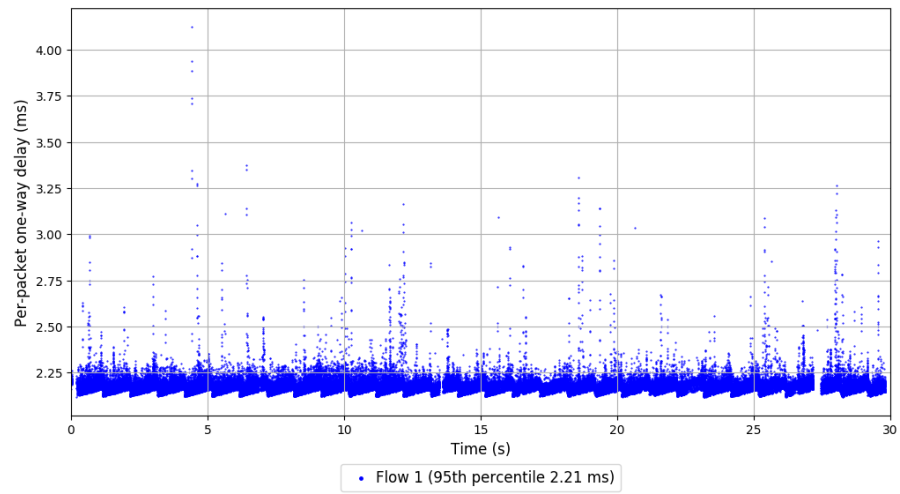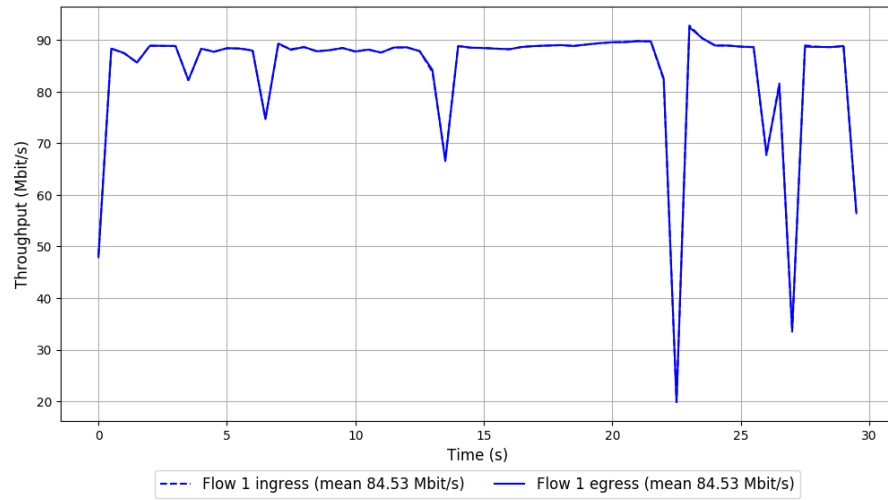
Run 8: Report of PCC — Data Link

Flow 1 ingress (mean 851.25 Mbit/s)   Flow 1 egress (mean 841.56 Mbit/s)

• Flow 1 (95th percentile 89.17 ms)

```
Run 9: Statistics of PCC

Start at: 2017-11-30 14:24:09
End at: 2017-11-30 14:24:39
Local clock offset: 1.234 ms
Remote clock offset: -0.045 ms


# Below is generated by plot.py at 2017-11-30 17:22:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 846.17 Mbit/s
95th percentile per-packet one-way delay: 83.515 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 846.17 Mbit/s
95th percentile per-packet one-way delay: 83.515 ms
Loss rate: 0.82%
```
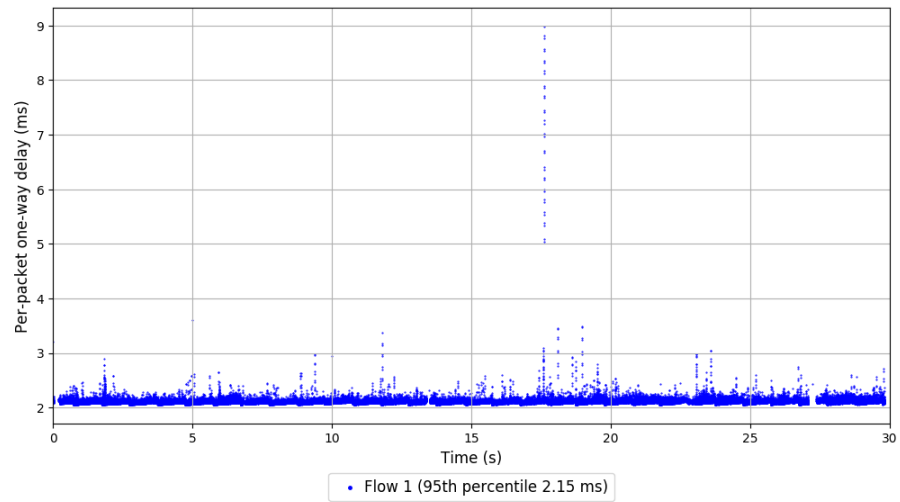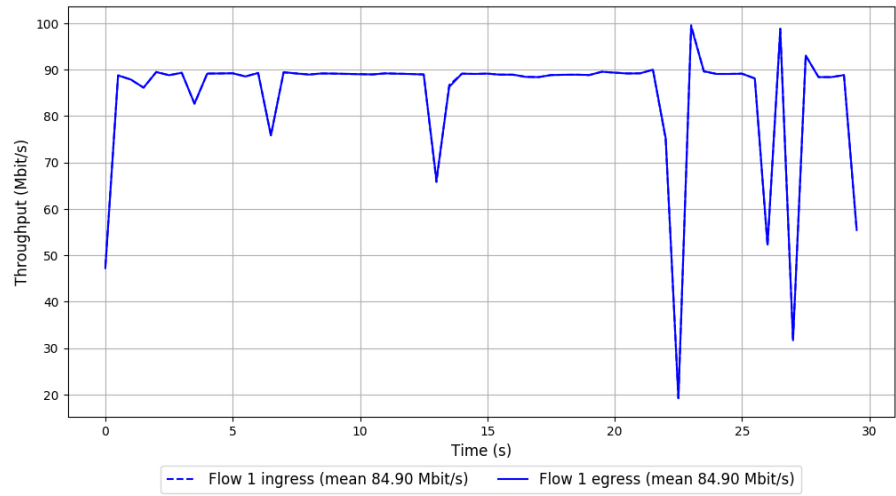
Run 9: Report of PCC — Data Link

Flow 1 ingress (mean 853.18 Mbit/s) ----- Flow 1 egress (mean 846.17 Mbit/s) ——

• Flow 1 (95th percentile 83.52 ms)

```
Run 10: Statistics of PCC

Start at: 2017-11-30 14:42:04
End at: 2017-11-30 14:42:34
Local clock offset: 1.08 ms
Remote clock offset: -0.05 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 837.09 Mbit/s
95th percentile per-packet one-way delay: 67.605 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 837.09 Mbit/s
95th percentile per-packet one-way delay: 67.605 ms
Loss rate: 0.35%
```
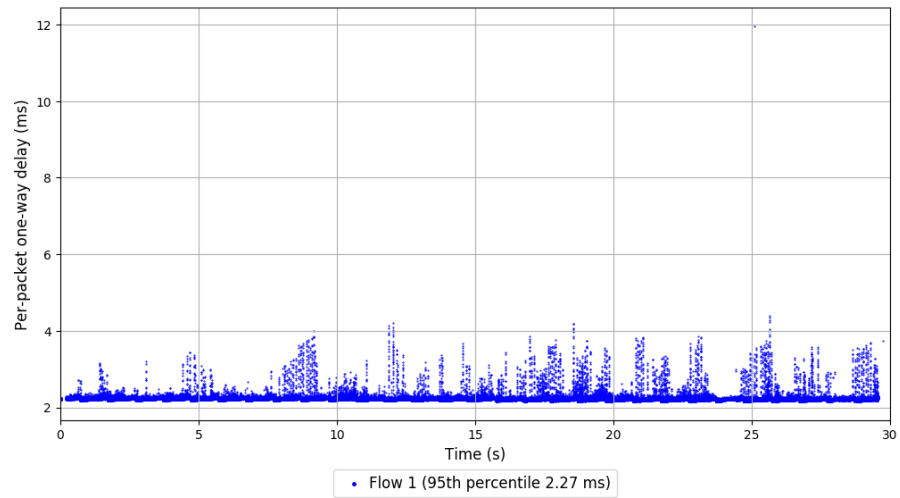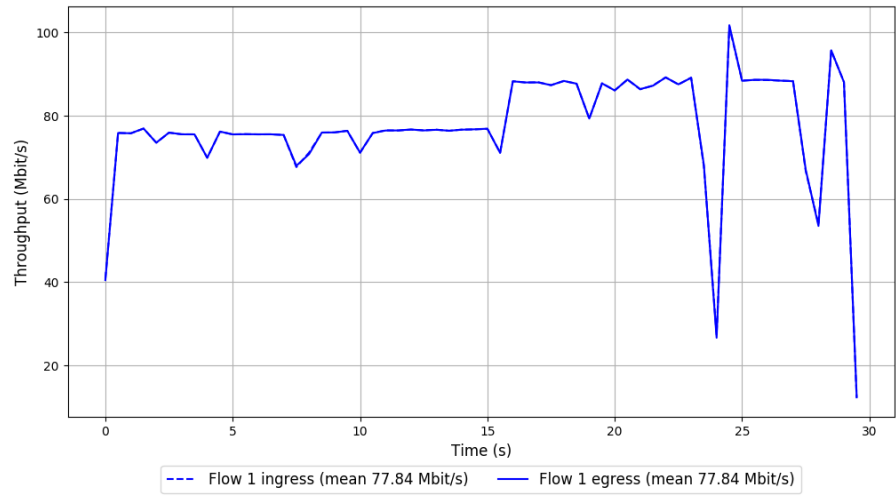
Run 10: Report of PCC — Data Link

```
Run 1: Statistics of QUIC Cubic

Start at: 2017-11-30 11:56:48
End at: 2017-11-30 11:57:18
Local clock offset: 0.983 ms
Remote clock offset: -0.275 ms
```

Run 1: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 1.29 Mbit/s)   Flow 1 egress (mean 1.29 Mbit/s)

• Flow 1 (95th percentile 2.22 ms)

```
Run 2: Statistics of QUIC Cubic

Start at: 2017-11-30 12:14:44
End at: 2017-11-30 12:15:14
Local clock offset: 1.17 ms
Remote clock offset: -0.18 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.53 Mbit/s
95th percentile per-packet one-way delay: 2.213 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.53 Mbit/s
95th percentile per-packet one-way delay: 2.213 ms
Loss rate: 0.00%
```
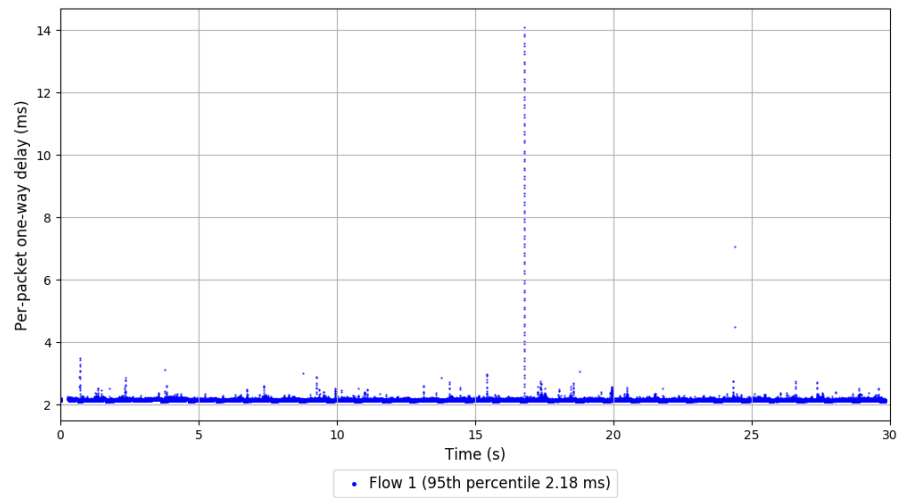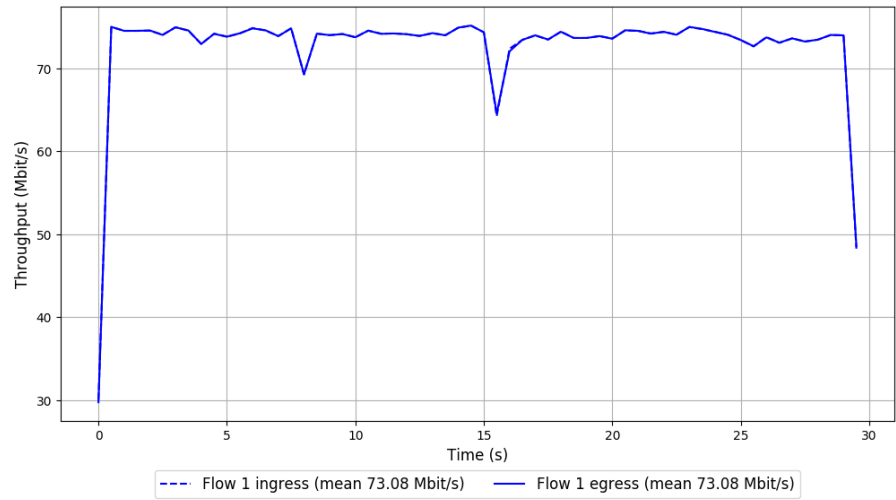
Run 2: Report of QUIC Cubic — Data Link

```
Run 3: Statistics of QUIC Cubic

Start at: 2017-11-30 12:32:35
End at: 2017-11-30 12:33:05
Local clock offset: 1.381 ms
Remote clock offset: -0.092 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.90 Mbit/s
95th percentile per-packet one-way delay: 2.148 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.90 Mbit/s
95th percentile per-packet one-way delay: 2.148 ms
Loss rate: 0.00%
```
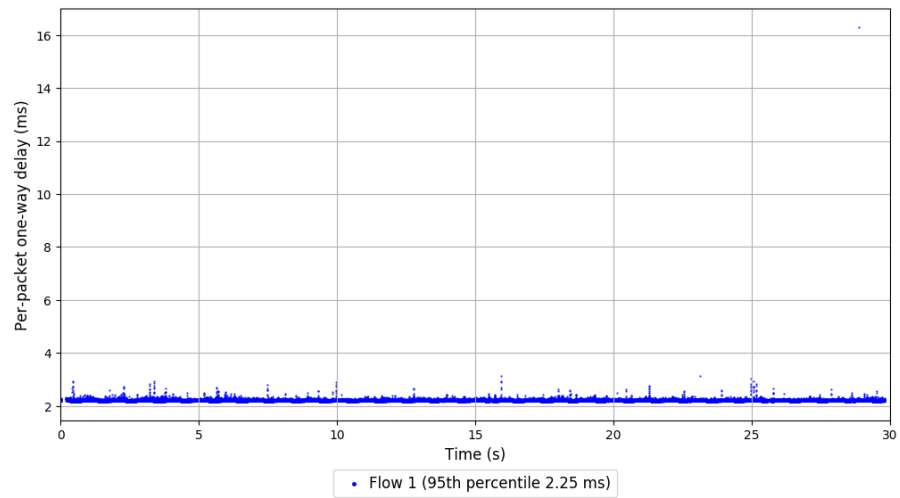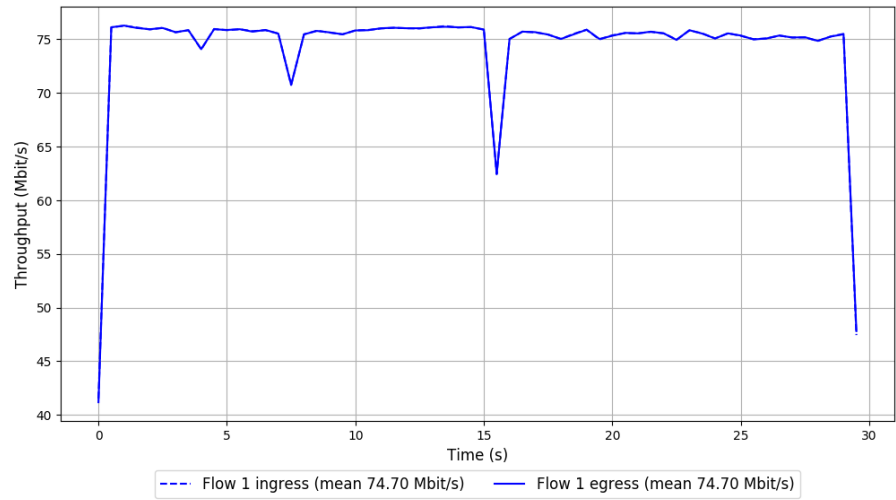
Run 3: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 84.90 Mbit/s)   Flow 1 egress (mean 84.90 Mbit/s)

Flow 1 (95th percentile 2.15 ms)

```
Run 4: Statistics of QUIC Cubic

Start at: 2017-11-30 12:50:36
End at: 2017-11-30 12:51:06
Local clock offset: 1.627 ms
Remote clock offset: 0.022 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.84 Mbit/s
95th percentile per-packet one-way delay: 2.268 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 77.84 Mbit/s
95th percentile per-packet one-way delay: 2.268 ms
Loss rate: 0.00%
```
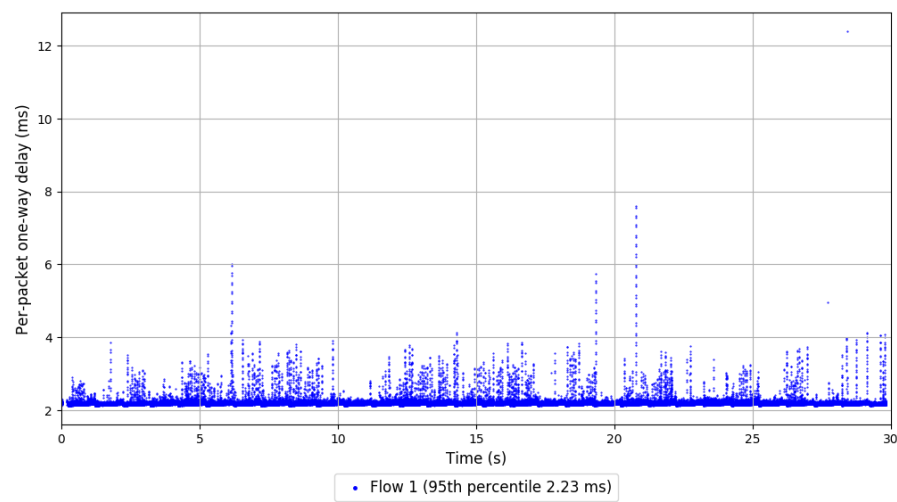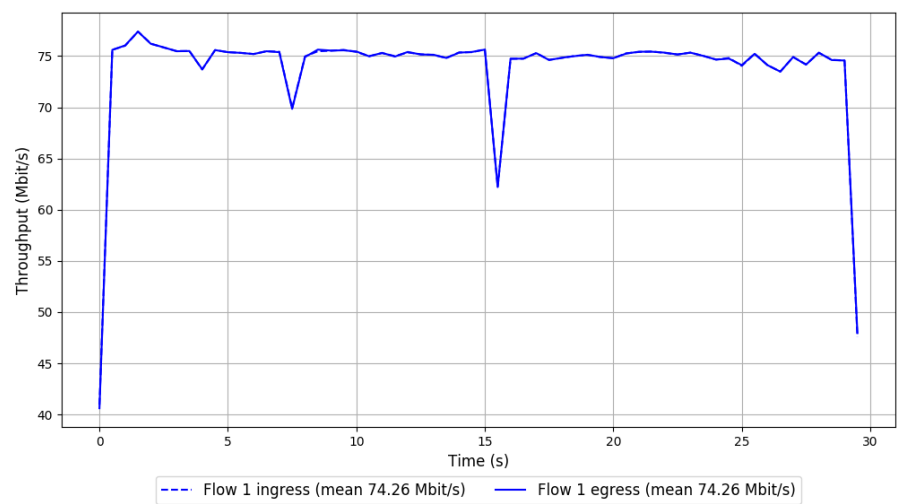
Run 4: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 77.84 Mbit/s) --- Flow 1 egress (mean 77.84 Mbit/s)

Flow 1 (95th percentile 2.27 ms)

```
Run 5: Statistics of QUIC Cubic

Start at: 2017-11-30 13:08:44
End at: 2017-11-30 13:09:14
Local clock offset: 1.392 ms
Remote clock offset: 0.019 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.08 Mbit/s
95th percentile per-packet one-way delay: 2.181 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 73.08 Mbit/s
95th percentile per-packet one-way delay: 2.181 ms
Loss rate: 0.00%
```
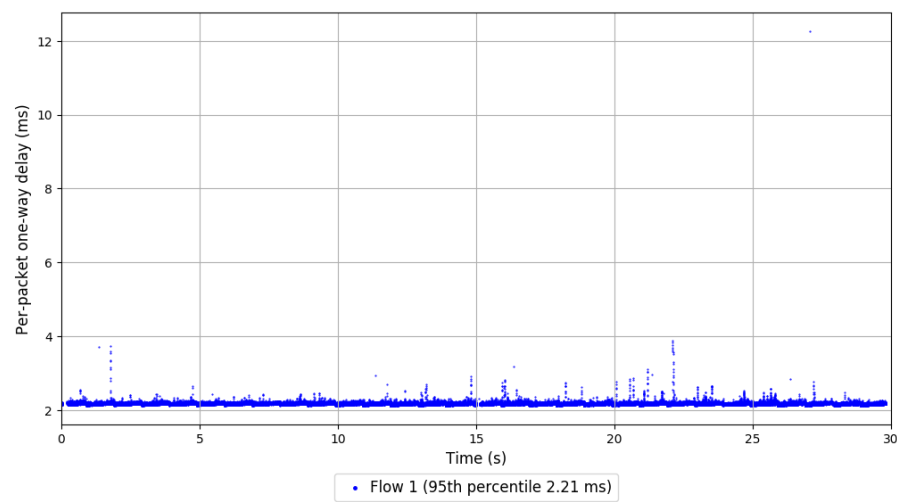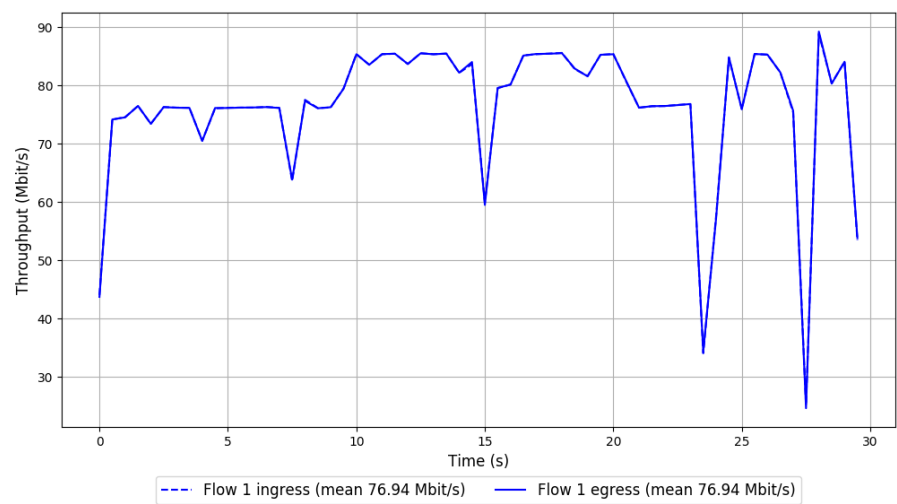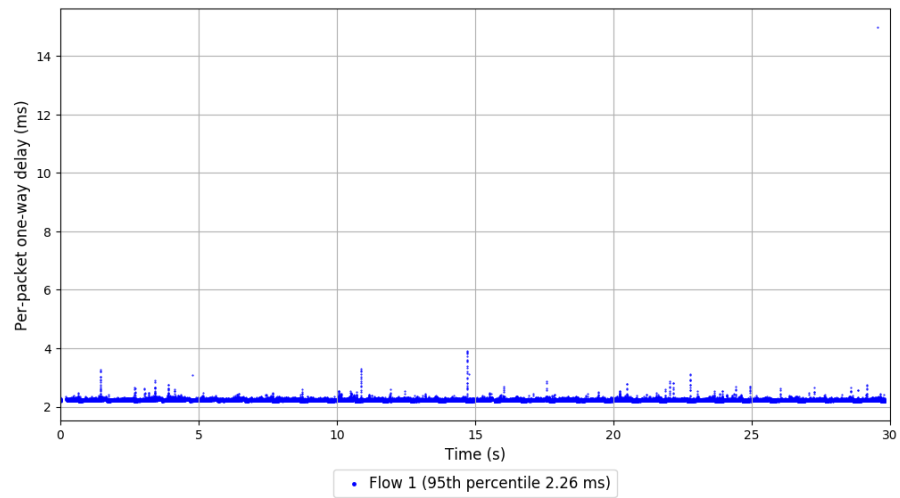
Run 5: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 73.08 Mbit/s)   Flow 1 egress (mean 73.08 Mbit/s)

Flow 1 (95th percentile 2.18 ms)

```
Run 6: Statistics of QUIC Cubic

Start at: 2017-11-30 13:26:41
End at: 2017-11-30 13:27:11
Local clock offset: 1.256 ms
Remote clock offset: 0.029 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.70 Mbit/s
95th percentile per-packet one-way delay: 2.249 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 74.70 Mbit/s
95th percentile per-packet one-way delay: 2.249 ms
Loss rate: 0.00%
```
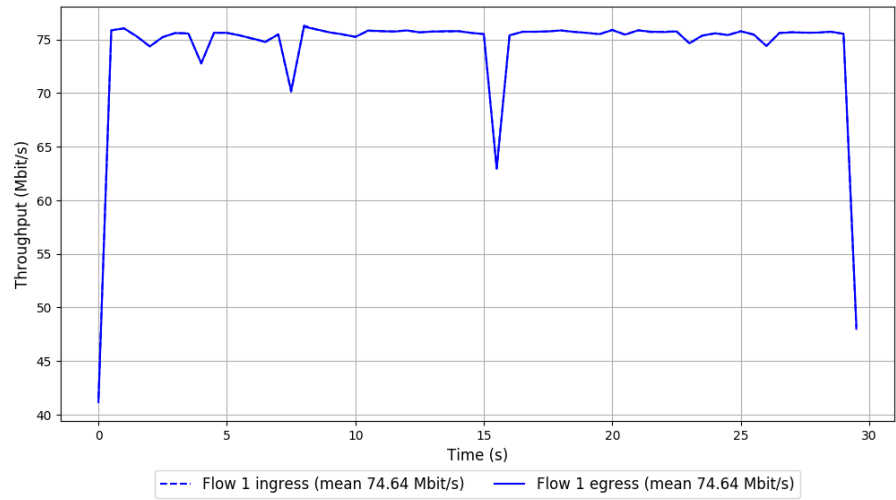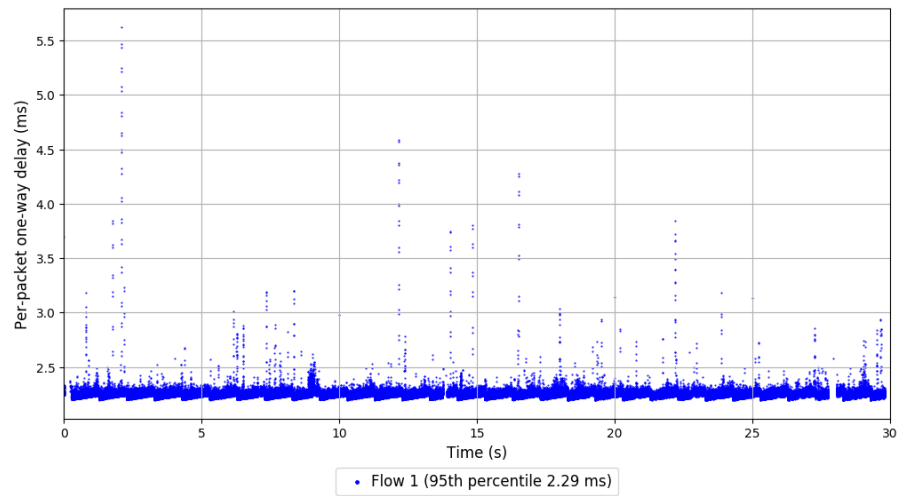
Run 6: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 74.70 Mbit/s) ----   Flow 1 egress (mean 74.70 Mbit/s) ——

Flow 1 (95th percentile 2.25 ms)

```
Run 7: Statistics of QUIC Cubic

Start at: 2017-11-30 13:44:43
End at: 2017-11-30 13:45:13
Local clock offset: 1.329 ms
Remote clock offset: 0.005 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.26 Mbit/s
95th percentile per-packet one-way delay: 2.230 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 74.26 Mbit/s
95th percentile per-packet one-way delay: 2.230 ms
Loss rate: 0.00%
```
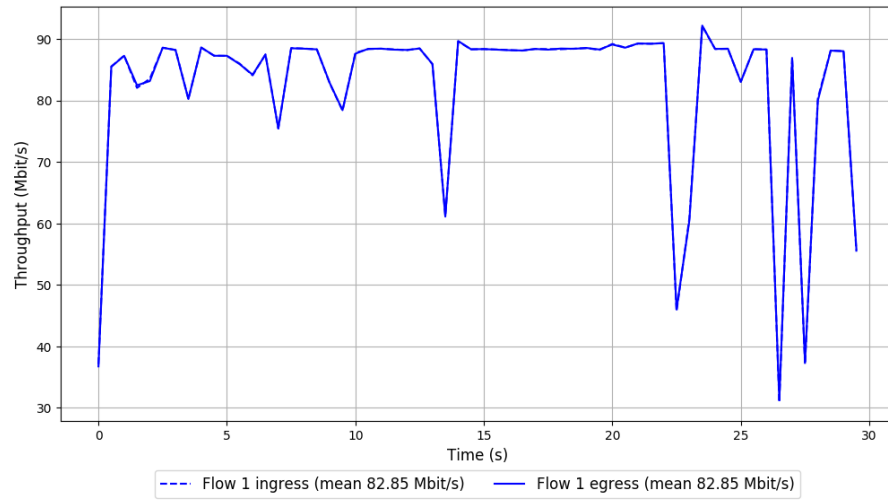
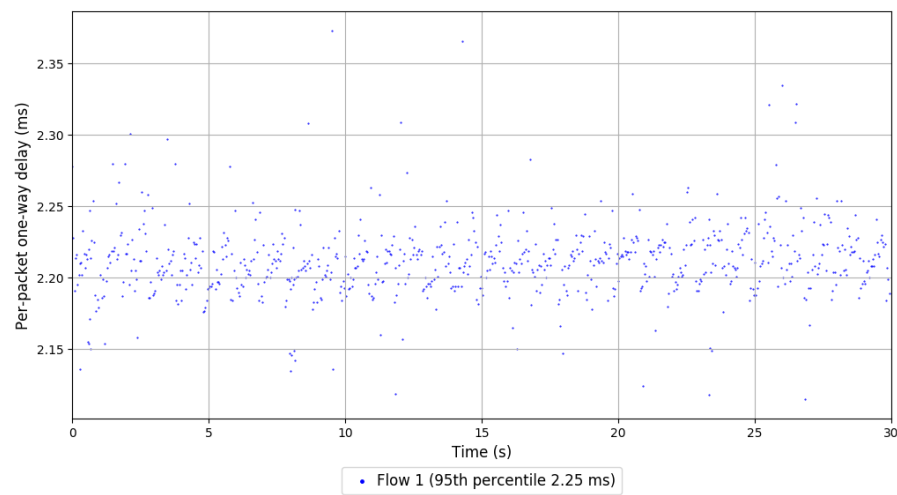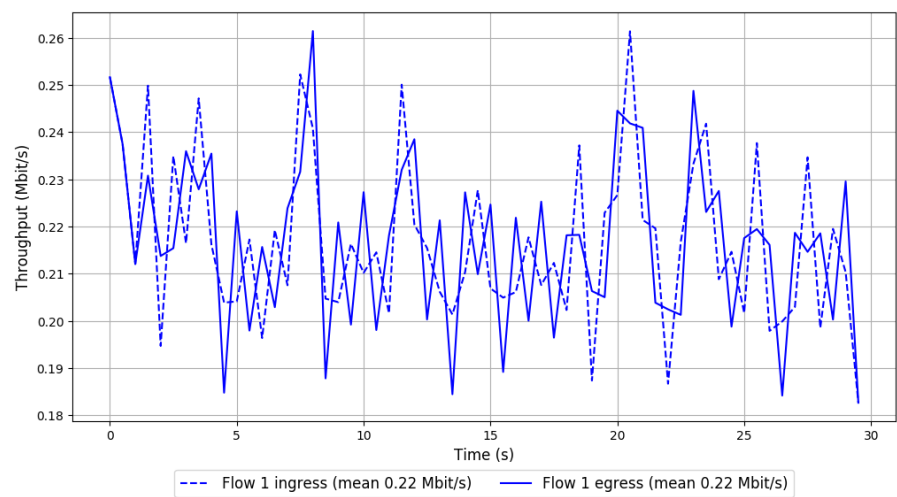Run 7: Report of QUIC Cubic — Data Link

```
Run 8: Statistics of QUIC Cubic

Start at: 2017-11-30 14:02:46
End at: 2017-11-30 14:03:16
Local clock offset: 1.382 ms
Remote clock offset: -0.009 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.94 Mbit/s
95th percentile per-packet one-way delay: 2.212 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 76.94 Mbit/s
95th percentile per-packet one-way delay: 2.212 ms
Loss rate: 0.00%
```

Run 8: Report of QUIC Cubic — Data Link
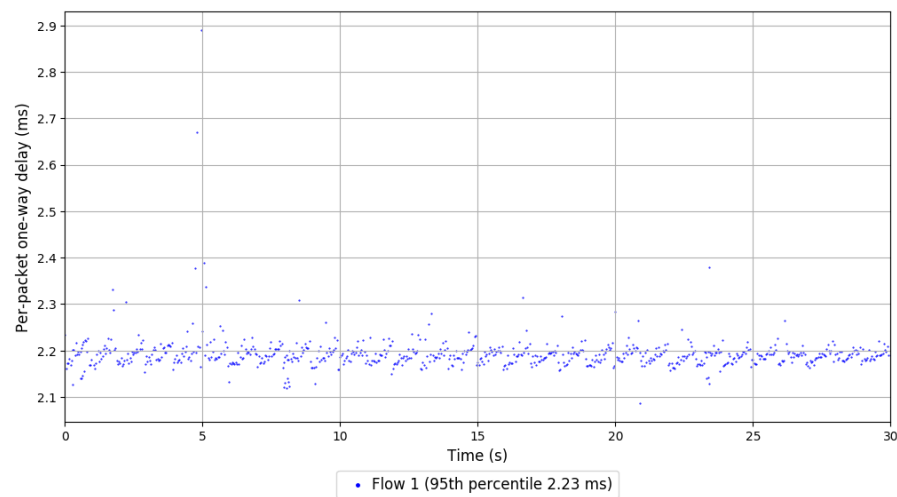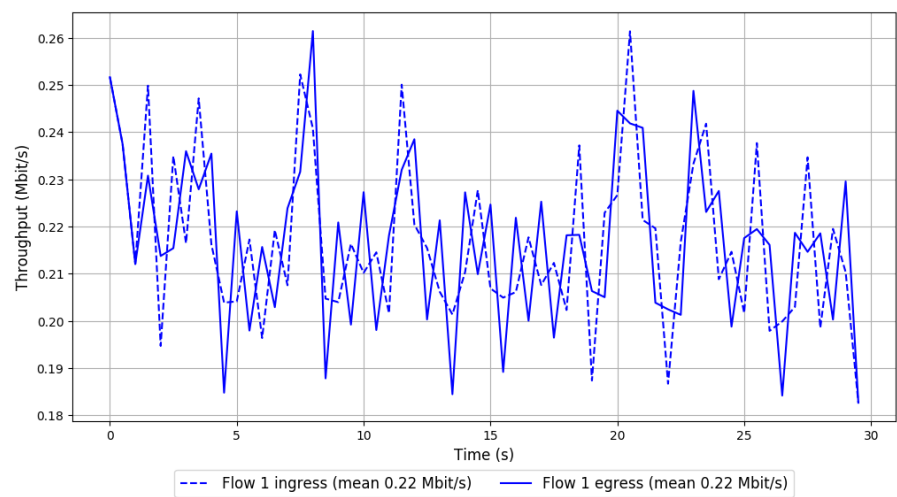

Flow 1 ingress (mean 76.94 Mbit/s) --- Flow 1 egress (mean 76.94 Mbit/s)

Flow 1 (95th percentile 2.21 ms)

```
Run 9: Statistics of QUIC Cubic

Start at: 2017-11-30 14:20:54
End at: 2017-11-30 14:21:24
Local clock offset: 1.204 ms
Remote clock offset: -0.036 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.64 Mbit/s
95th percentile per-packet one-way delay: 2.263 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 74.64 Mbit/s
95th percentile per-packet one-way delay: 2.263 ms
Loss rate: 0.00%
```

Run 9: Report of QUIC Cubic — Data Link
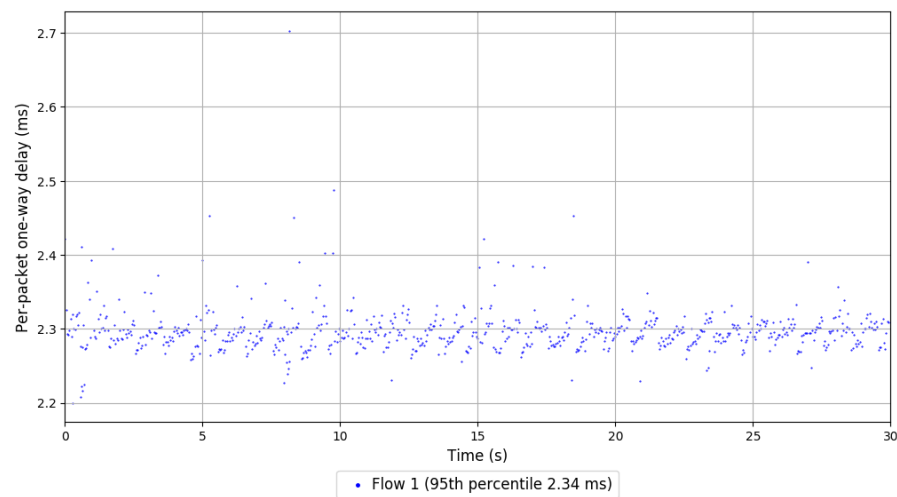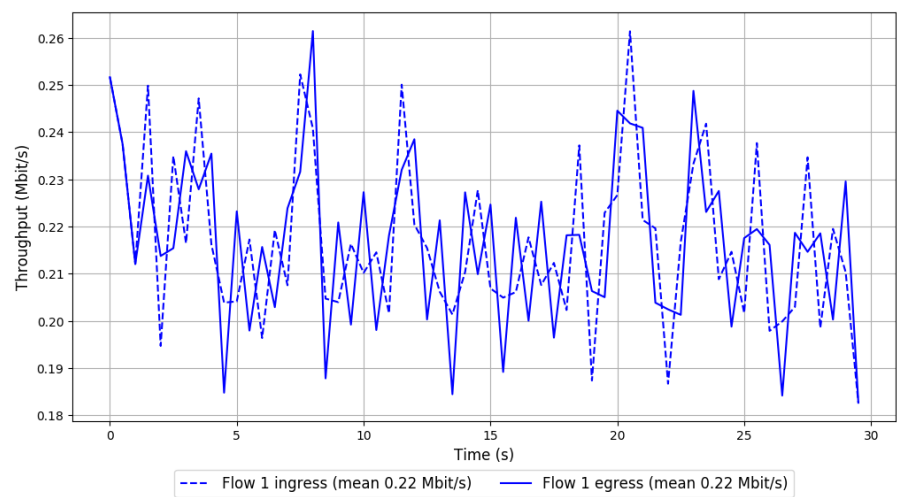

Flow 1 ingress (mean 74.64 Mbit/s)   Flow 1 egress (mean 74.64 Mbit/s)

Flow 1 (95th percentile 2.26 ms)

```
Run 10: Statistics of QUIC Cubic

Start at: 2017-11-30 14:38:50
End at: 2017-11-30 14:39:20
Local clock offset: 1.077 ms
Remote clock offset: -0.052 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.85 Mbit/s
95th percentile per-packet one-way delay: 2.289 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 82.85 Mbit/s
95th percentile per-packet one-way delay: 2.289 ms
Loss rate: 0.00%
```
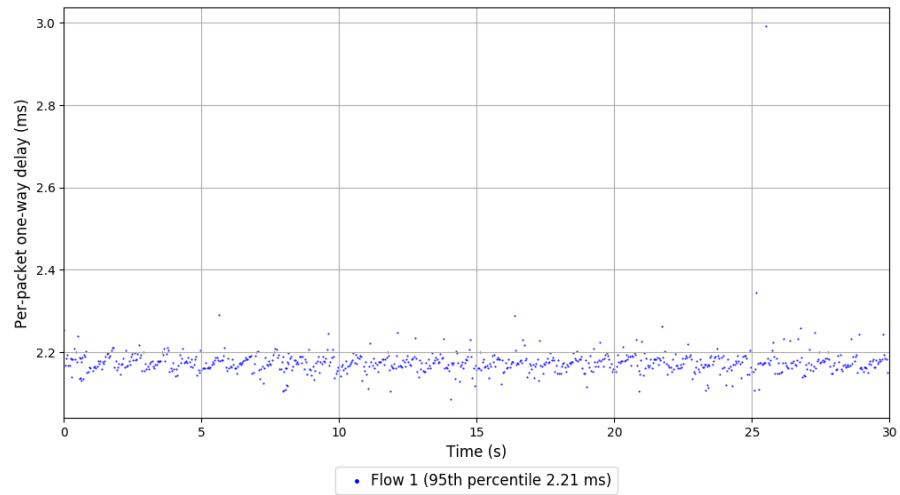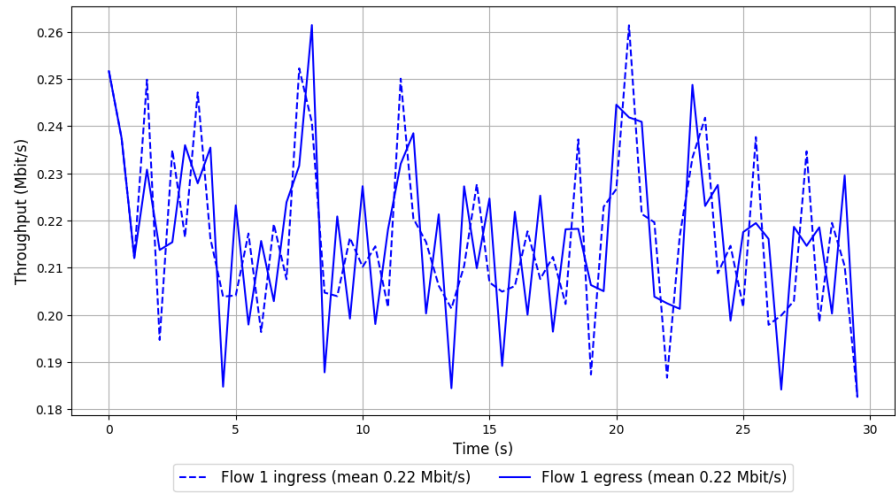
Run 10: Report of QUIC Cubic — Data Link

```
Run 1: Statistics of SCReAM

Start at: 2017-11-30 11:57:52
End at: 2017-11-30 11:58:22
Local clock offset: 1.081 ms
Remote clock offset: -0.284 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.252 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.252 ms
Loss rate: 0.00%
```
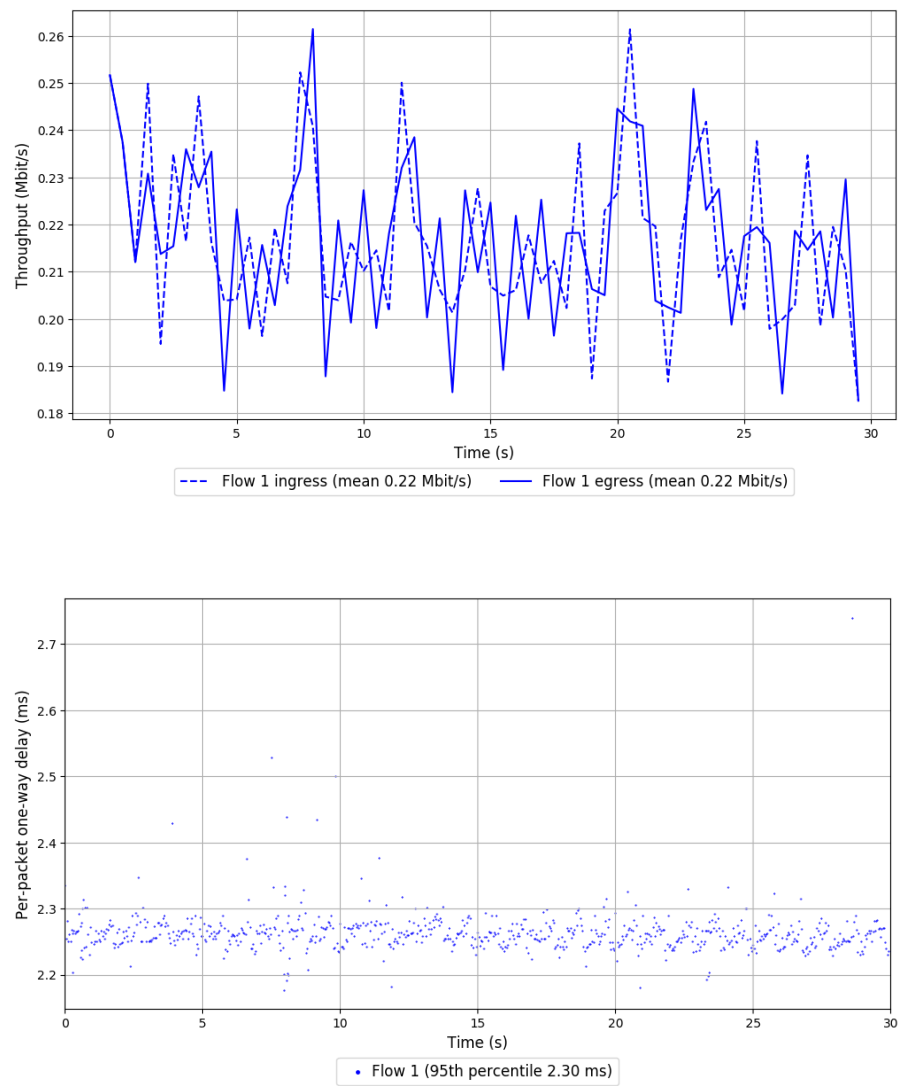
Run 1: Report of SCReAM — Data Link

```
Run 2: Statistics of SCReAM

Start at: 2017-11-30 12:15:51
End at: 2017-11-30 12:16:21
Local clock offset: 1.188 ms
Remote clock offset: -0.229 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.226 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.226 ms
Loss rate: 0.00%
```
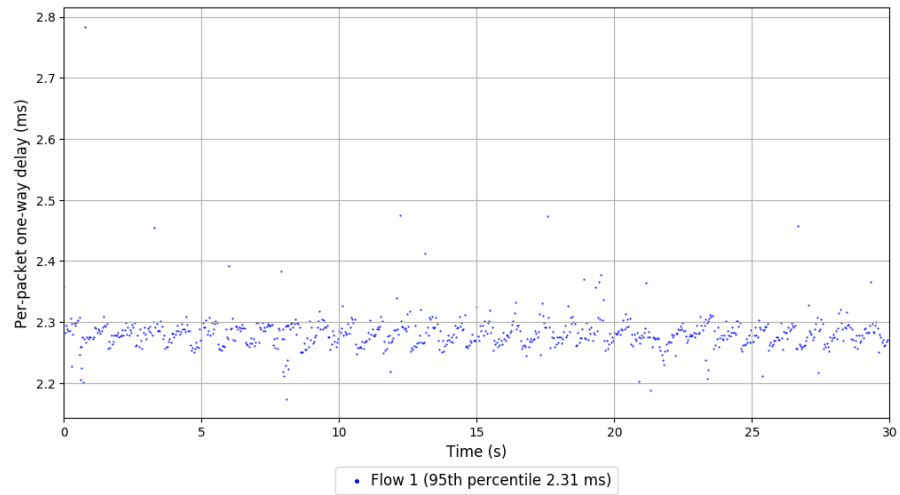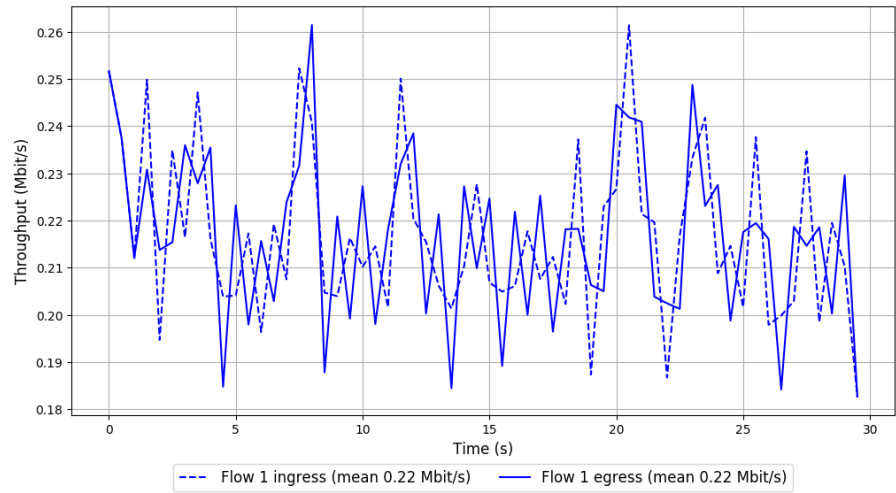
Run 2: Report of SCReAM — Data Link

```
Run 3: Statistics of SCReAM

Start at: 2017-11-30 12:33:43
End at: 2017-11-30 12:34:13
Local clock offset: 1.368 ms
Remote clock offset: -0.028 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.339 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.339 ms
Loss rate: 0.00%
```
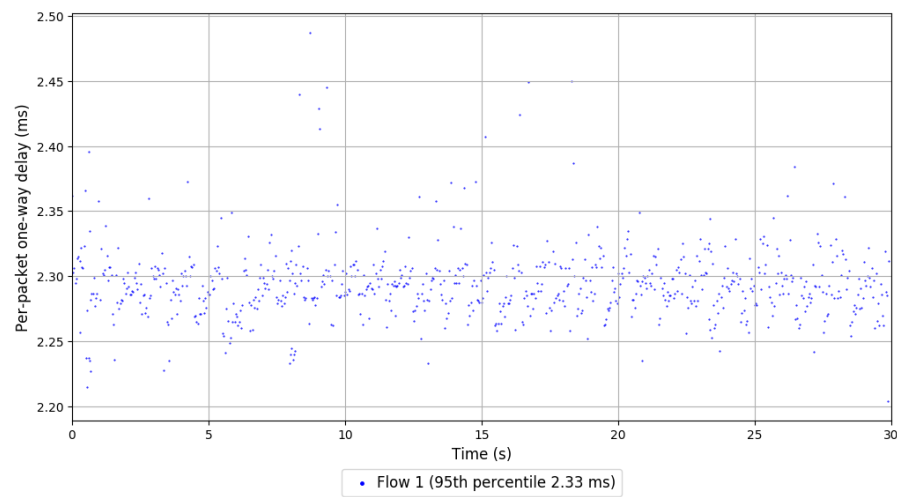
Run 3: Report of SCReAM — Data Link

```
Run 4: Statistics of SCReAM

Start at: 2017-11-30 12:51:43
End at: 2017-11-30 12:52:13
Local clock offset: 1.664 ms
Remote clock offset: -0.039 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.209 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.209 ms
Loss rate: 0.00%
```
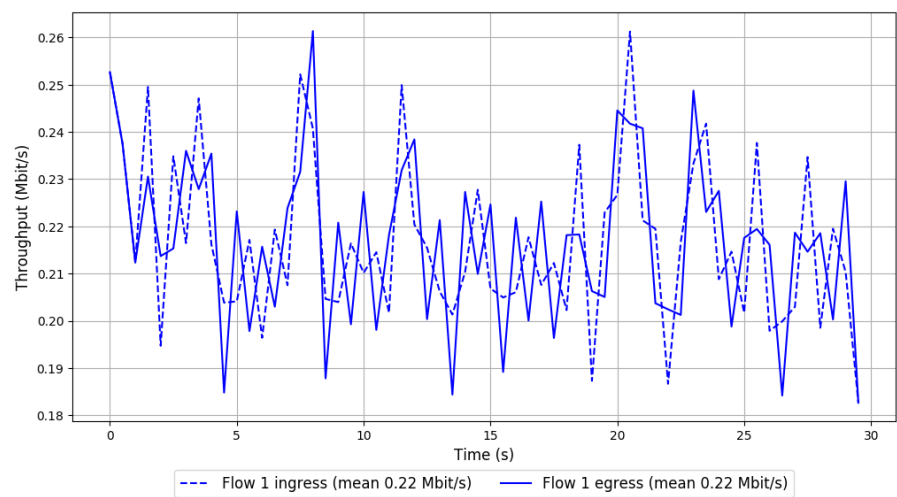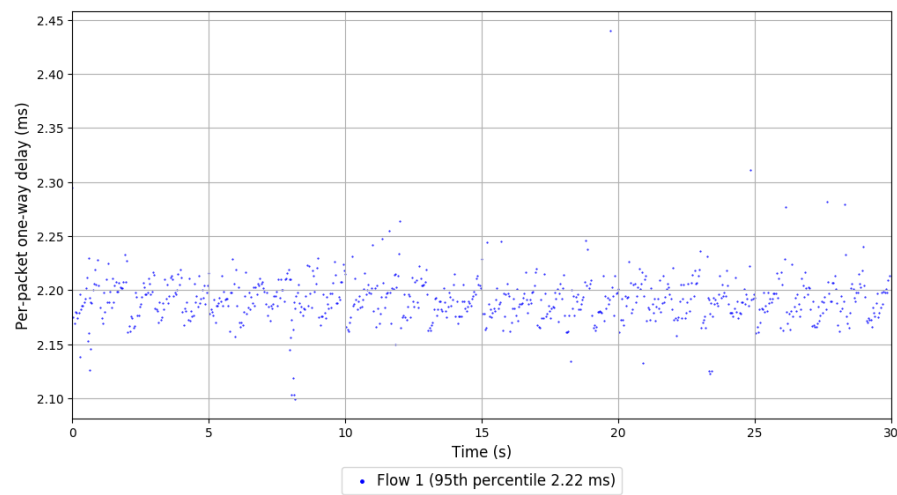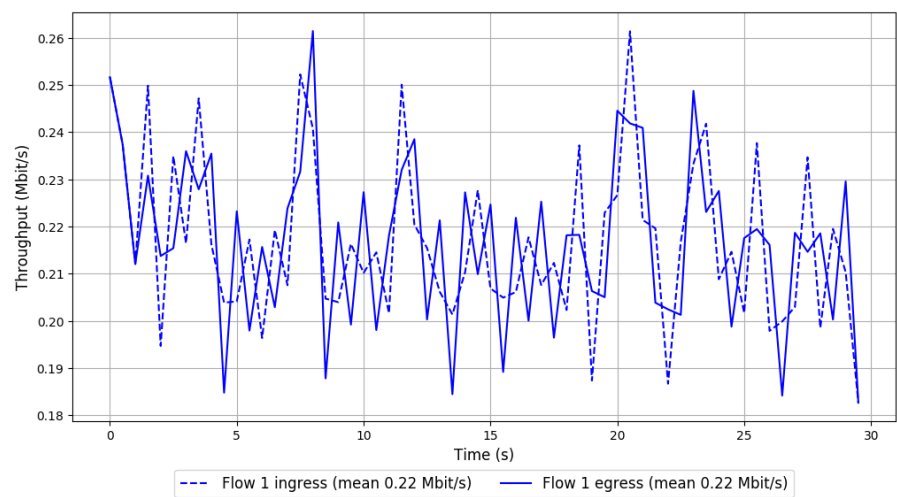
Run 4: Report of SCReAM — Data Link

Flow 1 ingress (mean 0.22 Mbit/s) --- Flow 1 egress (mean 0.22 Mbit/s)

Flow 1 (95th percentile 2.21 ms)

```
Run 5: Statistics of SCReAM

Start at: 2017-11-30 13:09:51
End at: 2017-11-30 13:10:21
Local clock offset: 1.361 ms
Remote clock offset: 0.03 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.300 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.300 ms
Loss rate: 0.00%
```
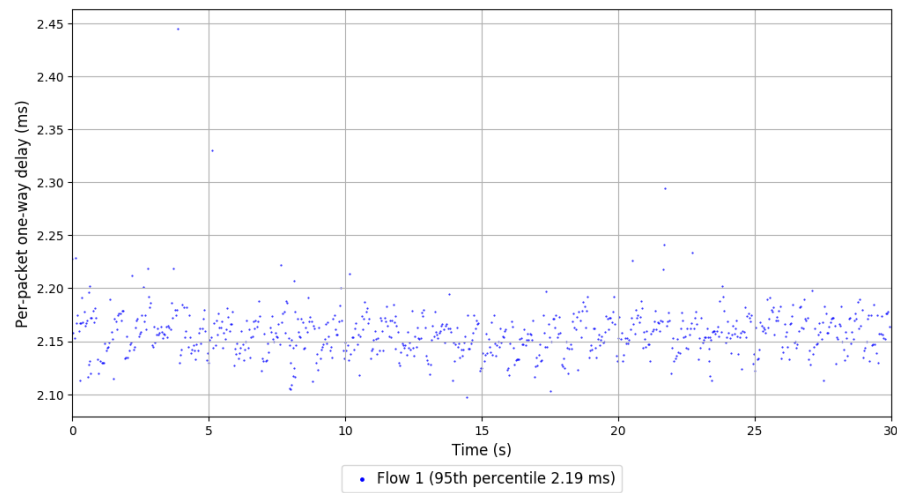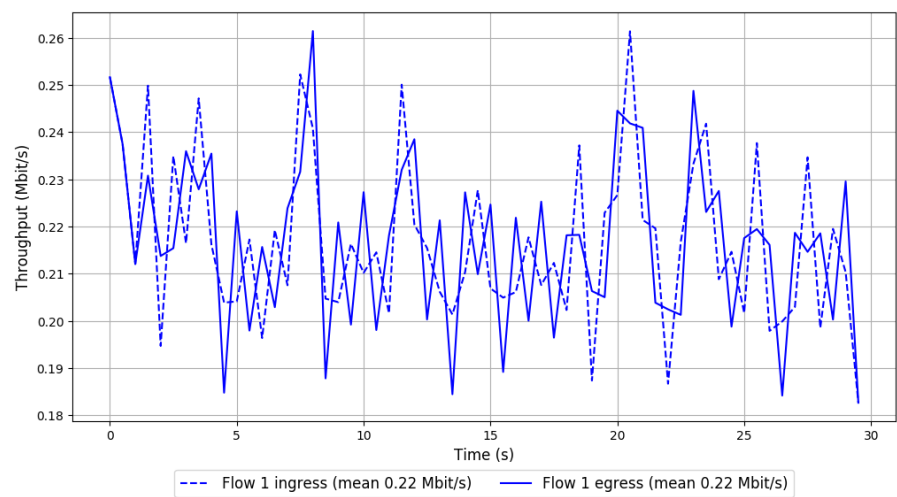
Run 5: Report of SCReAM — Data Link

Flow 1 ingress (mean 0.22 Mbit/s) Flow 1 egress (mean 0.22 Mbit/s)

Flow 1 (95th percentile 2.30 ms)

```
Run 6: Statistics of SCReAM

Start at: 2017-11-30 13:27:48
End at: 2017-11-30 13:28:18
Local clock offset: 1.199 ms
Remote clock offset: -0.045 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.309 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.309 ms
Loss rate: 0.00%
```
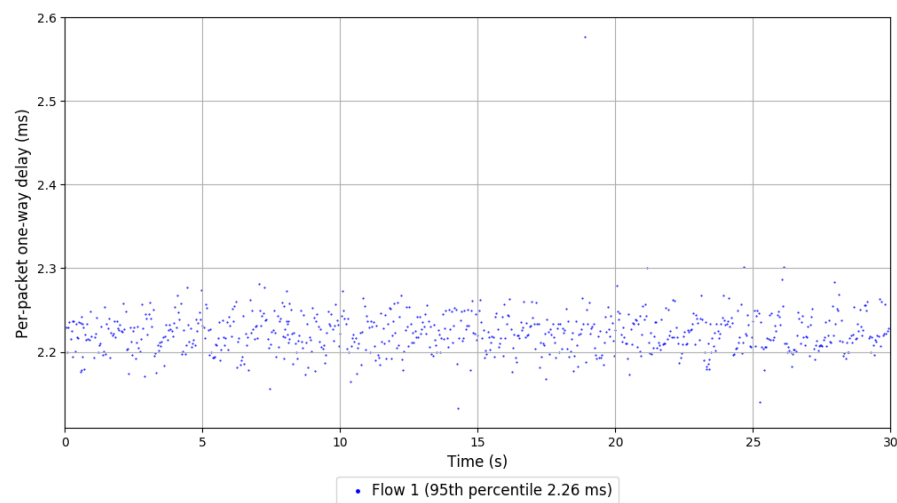
Run 6: Report of SCReAM — Data Link

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```
Run 7: Statistics of SCReAM

Start at: 2017-11-30 13:45:50
End at: 2017-11-30 13:46:20
Local clock offset: 1.305 ms
Remote clock offset: 0.005 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.334 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.334 ms
Loss rate: 0.00%
```
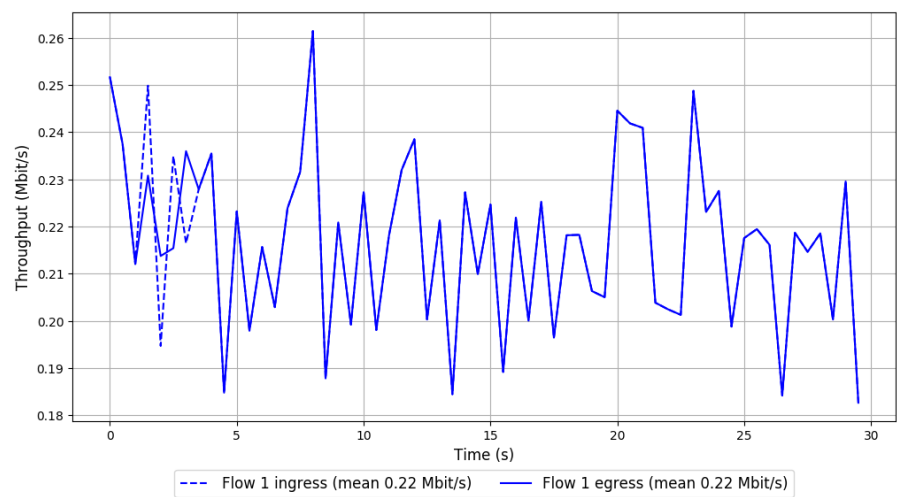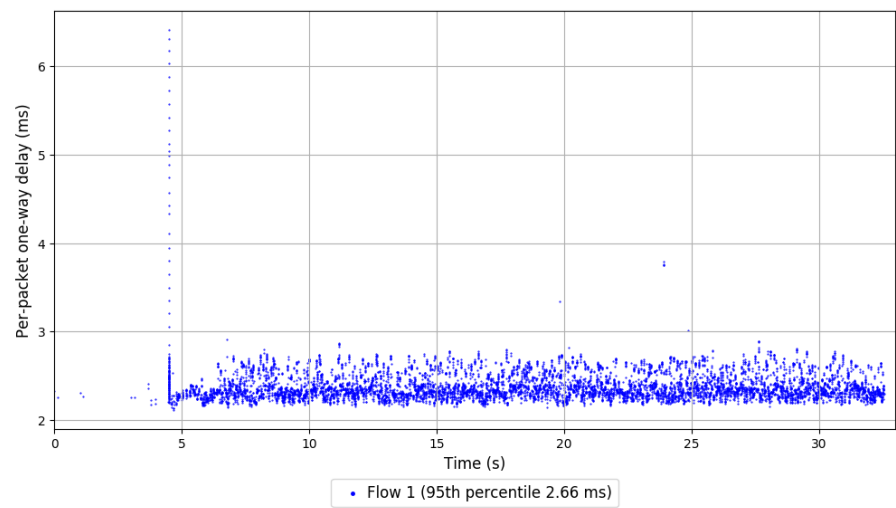
Run 7: Report of SCReAM — Data Link

Flow 1 ingress (mean 0.22 Mbit/s) Flow 1 egress (mean 0.22 Mbit/s)

Flow 1 (95th percentile 2.33 ms)

```
Run 8: Statistics of SCReAM

Start at: 2017-11-30 14:03:53
End at: 2017-11-30 14:04:23
Local clock offset: 1.381 ms
Remote clock offset: -0.073 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.221 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.221 ms
Loss rate: 0.00%
```
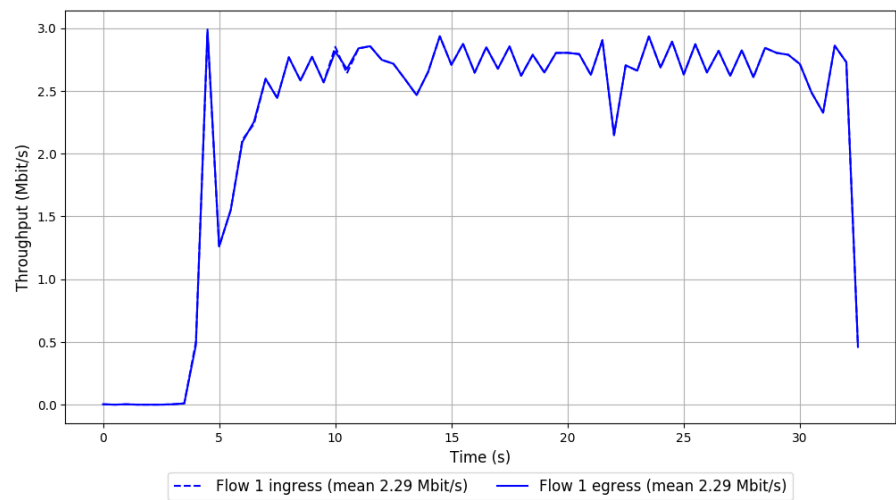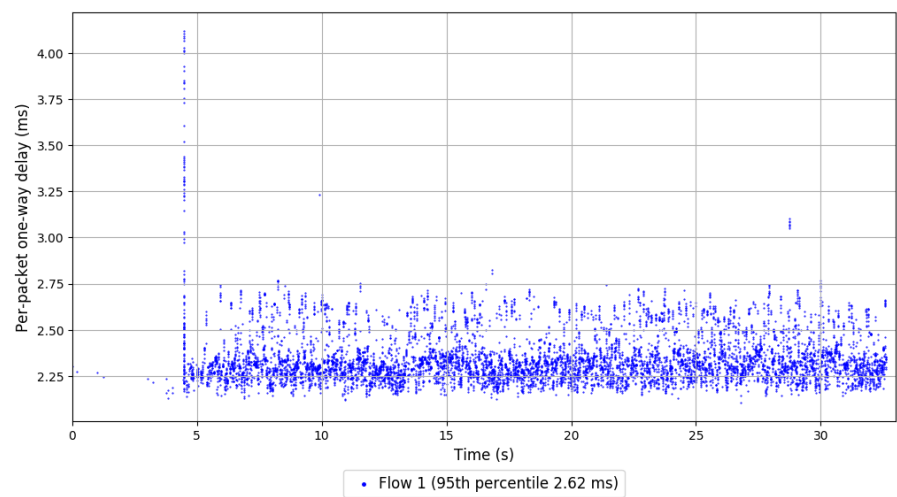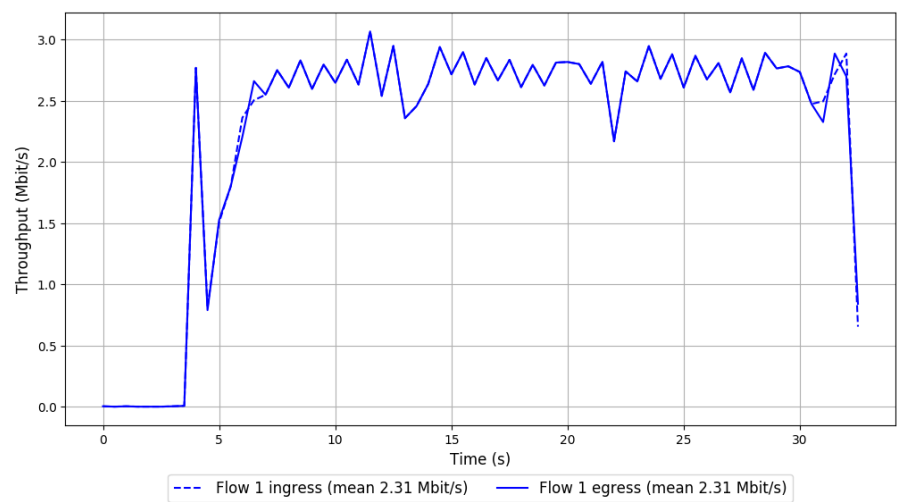
Run 8: Report of SCReAM — Data Link

Flow 1 ingress (mean 0.22 Mbit/s) --- Flow 1 egress (mean 0.22 Mbit/s) ——

Flow 1 (95th percentile 2.22 ms) •

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```
Run 9: Statistics of SCReAM

Start at: 2017-11-30 14:22:01
End at: 2017-11-30 14:22:31
Local clock offset: 1.255 ms
Remote clock offset: -0.108 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.187 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.187 ms
Loss rate: 0.00%
```

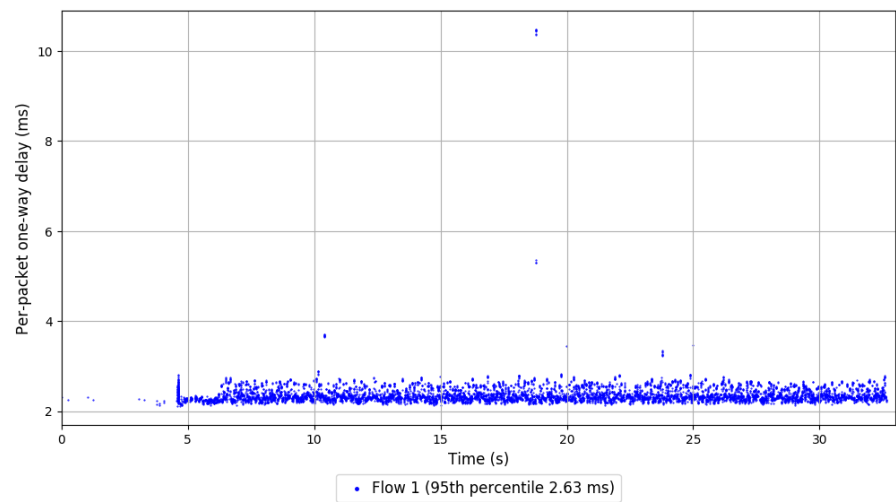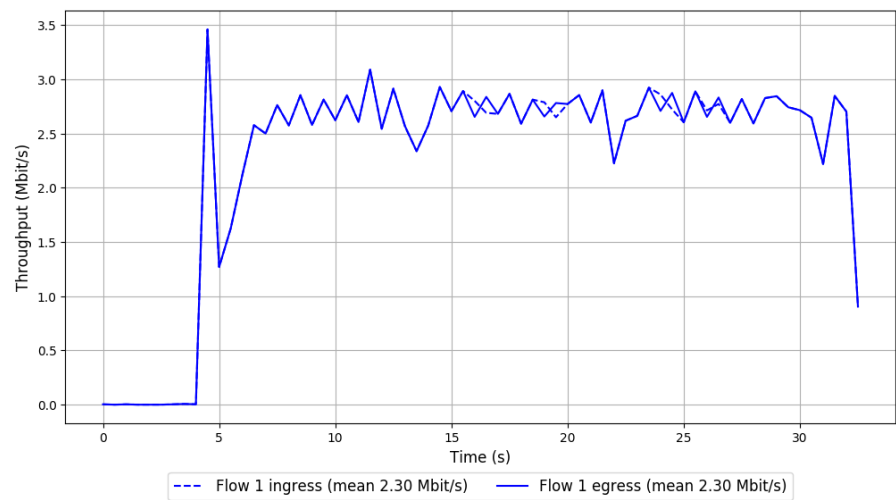## Run 9: Report of SCReAM — Data Link

Flow 1 ingress (mean 0.22 Mbit/s) --- Flow 1 egress (mean 0.22 Mbit/s)

Flow 1 (95th percentile 2.19 ms)

```
Run 10: Statistics of SCReAM

Start at: 2017-11-30 14:39:57
End at: 2017-11-30 14:40:27
Local clock offset: 1.17 ms
Remote clock offset: -0.059 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.259 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.259 ms
Loss rate: 0.00%
```
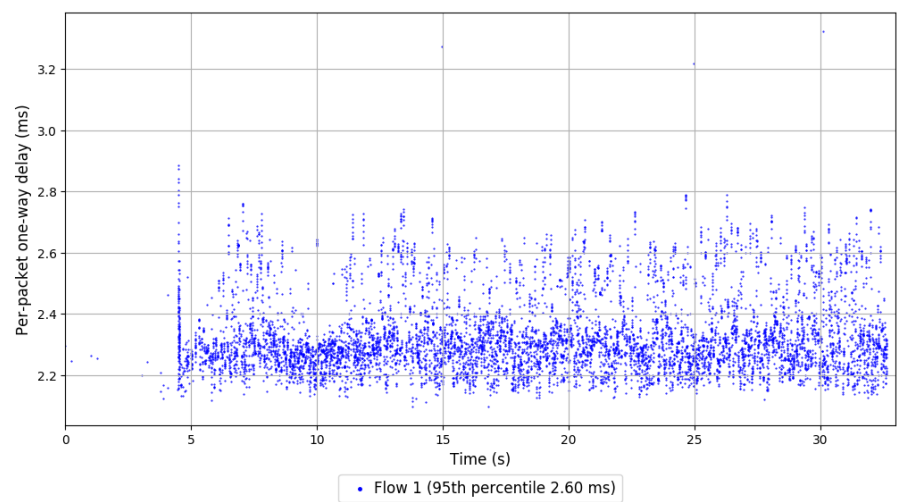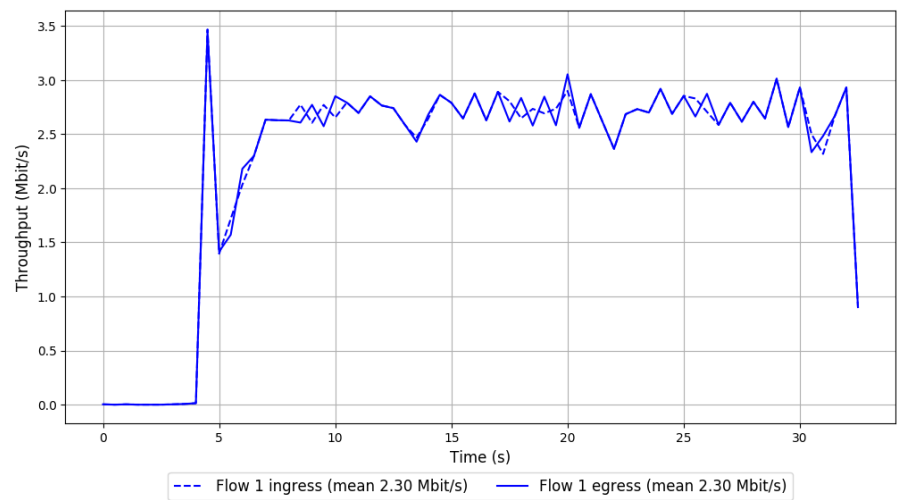
Run 10: Report of SCReAM — Data Link

```
Run 1: Statistics of WebRTC media

Start at: 2017-11-30 11:58:56
End at: 2017-11-30 11:59:26
Local clock offset: 1.065 ms
Remote clock offset: -0.236 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 2.657 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 2.657 ms
Loss rate: 0.00%
```
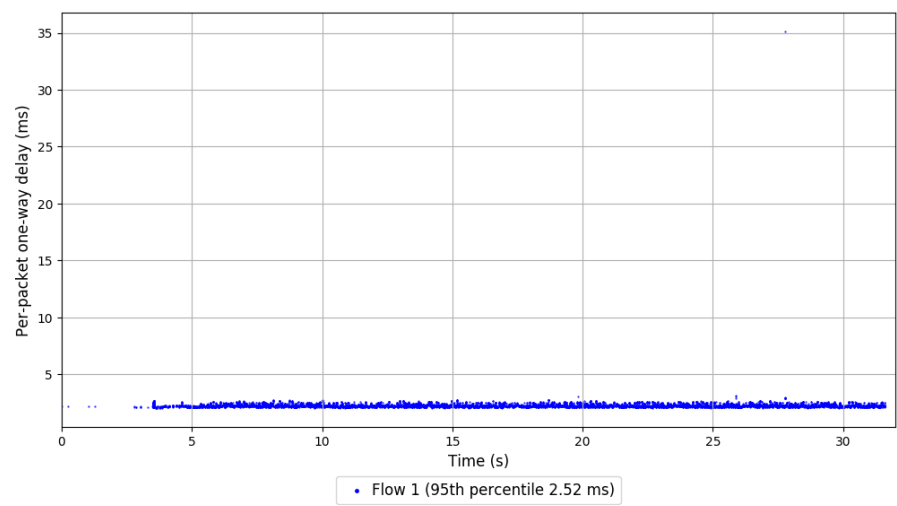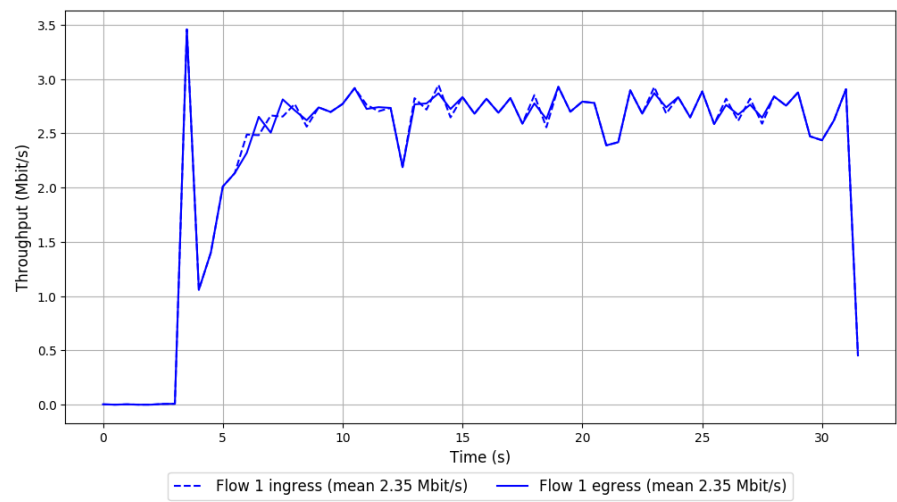
Run 1: Report of WebRTC media — Data Link

```
Run 2: Statistics of WebRTC media

Start at: 2017-11-30 12:16:55
End at: 2017-11-30 12:17:25
Local clock offset: 1.198 ms
Remote clock offset: -0.136 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 2.624 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 2.624 ms
Loss rate: 0.00%
```
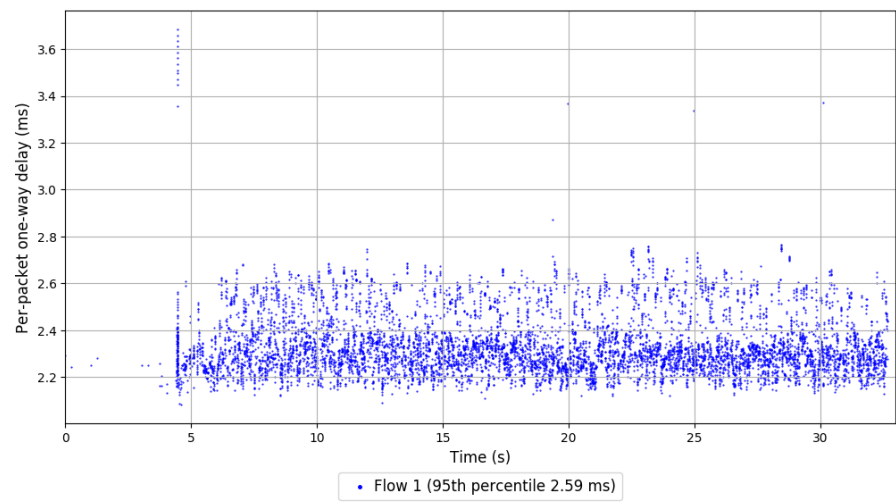
Run 2: Report of WebRTC media — Data Link

Flow 1 ingress (mean 2.31 Mbit/s)　　Flow 1 egress (mean 2.31 Mbit/s)

Flow 1 (95th percentile 2.62 ms)

```
Run 3: Statistics of WebRTC media

Start at: 2017-11-30 12:34:46
End at: 2017-11-30 12:35:16
Local clock offset: 1.416 ms
Remote clock offset: -0.023 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 2.633 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 2.633 ms
Loss rate: 0.00%
```
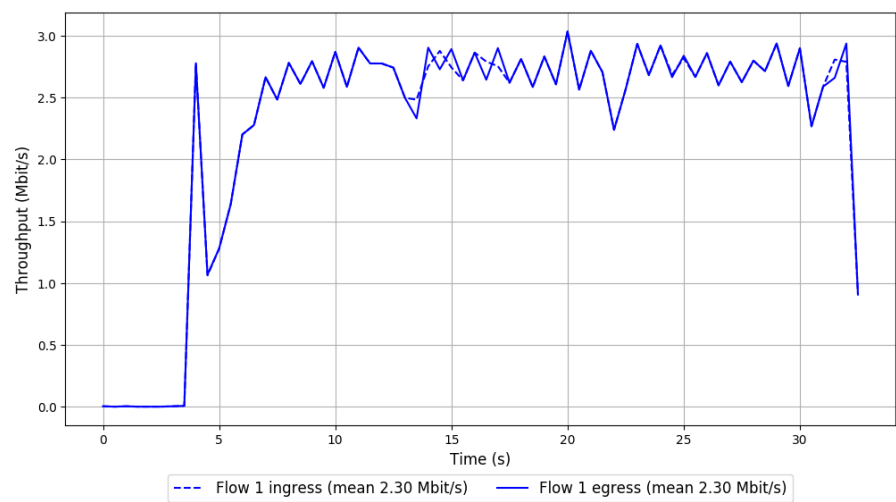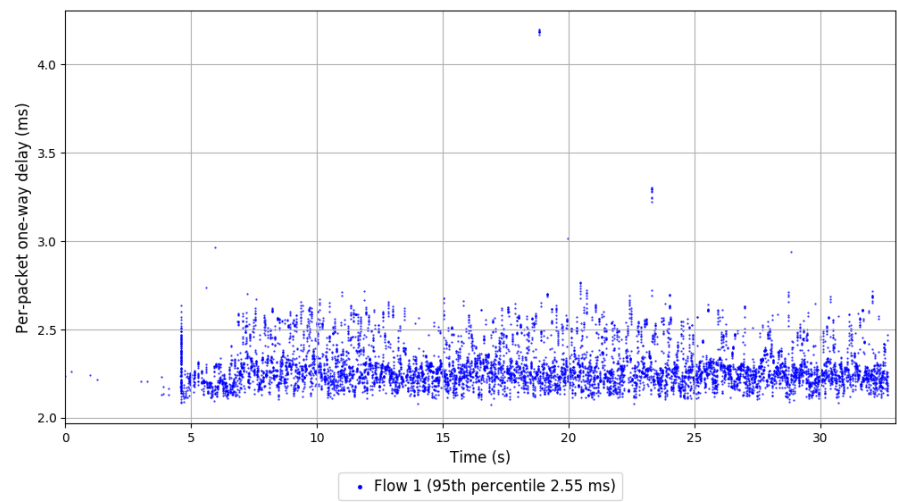
Run 3: Report of WebRTC media — Data Link

```
Run 4: Statistics of WebRTC media

Start at: 2017-11-30 12:52:47
End at: 2017-11-30 12:53:17
Local clock offset: 1.63 ms
Remote clock offset: 0.018 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 2.605 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 2.605 ms
Loss rate: 0.00%
```
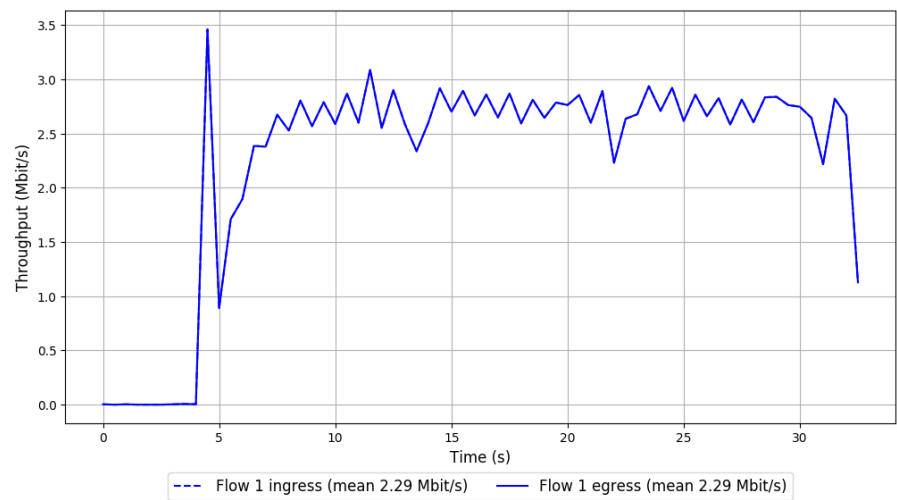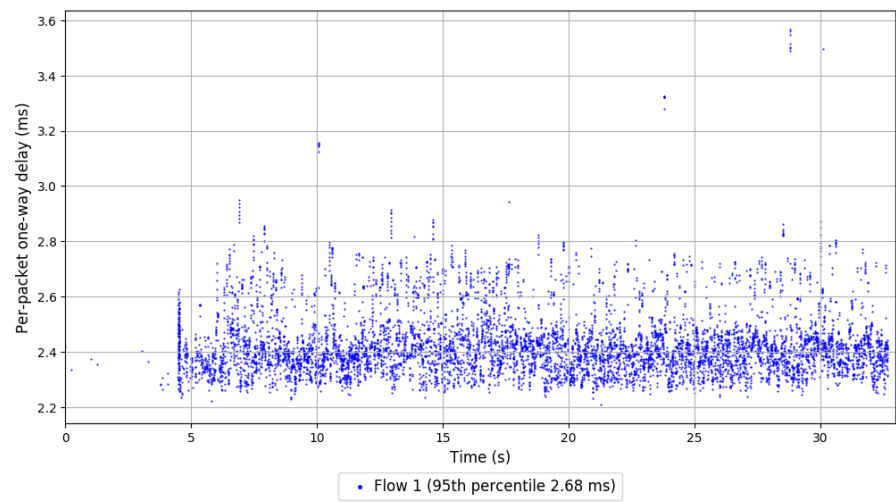
Run 4: Report of WebRTC media — Data Link

```
Run 5: Statistics of WebRTC media

Start at: 2017-11-30 13:10:54
End at: 2017-11-30 13:11:24
Local clock offset: 1.372 ms
Remote clock offset: -0.036 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 2.520 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 2.520 ms
Loss rate: 0.00%
```
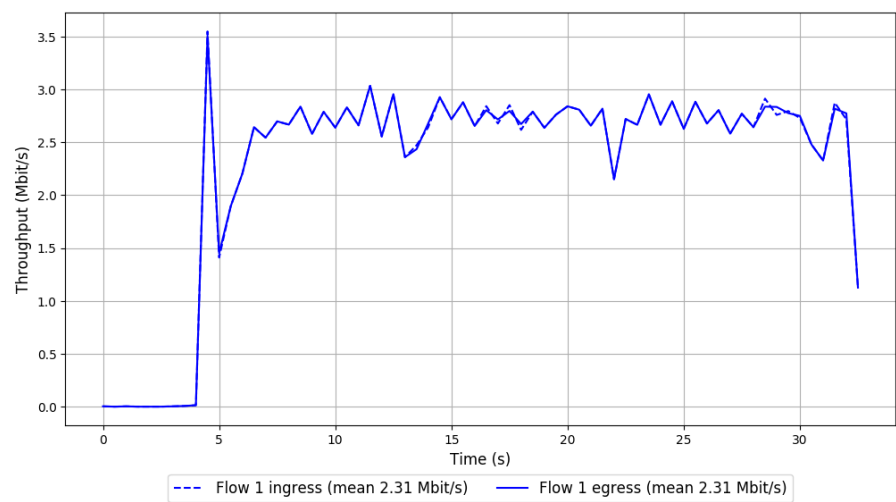
Run 5: Report of WebRTC media — Data Link

```
Run 6: Statistics of WebRTC media

Start at: 2017-11-30 13:28:52
End at: 2017-11-30 13:29:22
Local clock offset: 1.292 ms
Remote clock offset: 0.02 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 2.590 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 2.590 ms
Loss rate: 0.00%
```
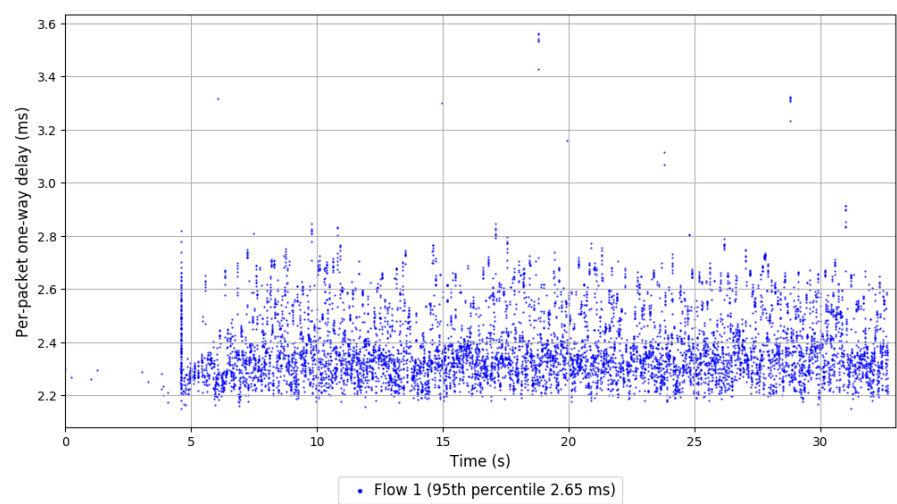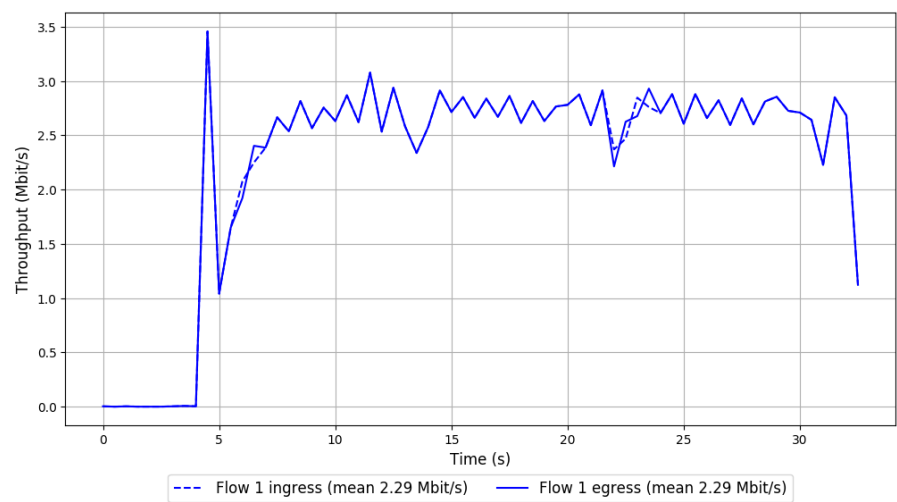
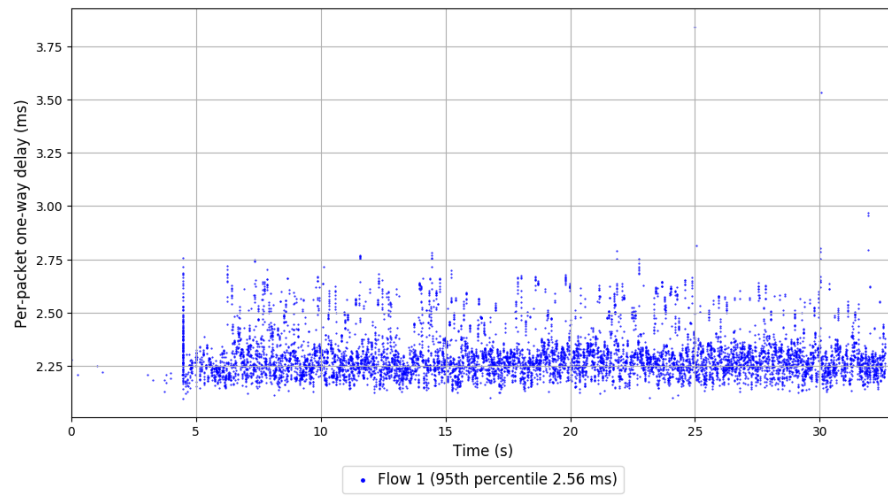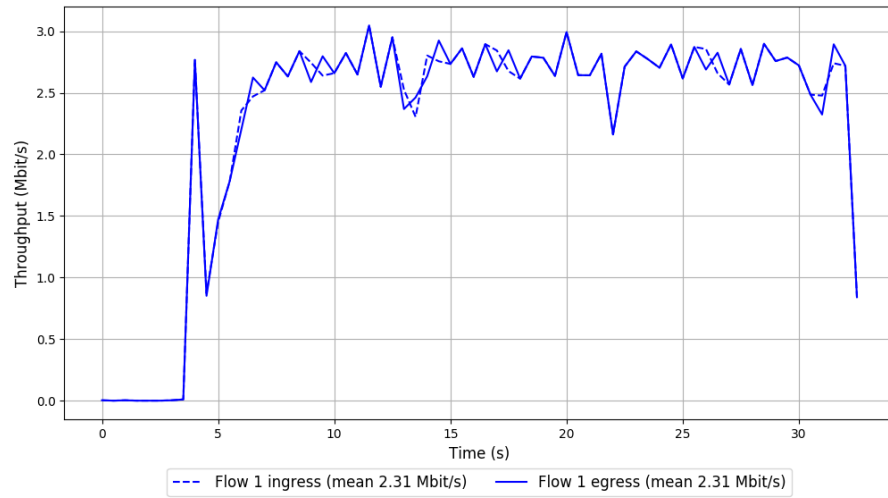Run 6: Report of WebRTC media — Data Link

```
Run 7: Statistics of WebRTC media

Start at: 2017-11-30 13:46:54
End at: 2017-11-30 13:47:24
Local clock offset: 1.316 ms
Remote clock offset: -0.06 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 2.551 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 2.551 ms
Loss rate: 0.00%
```

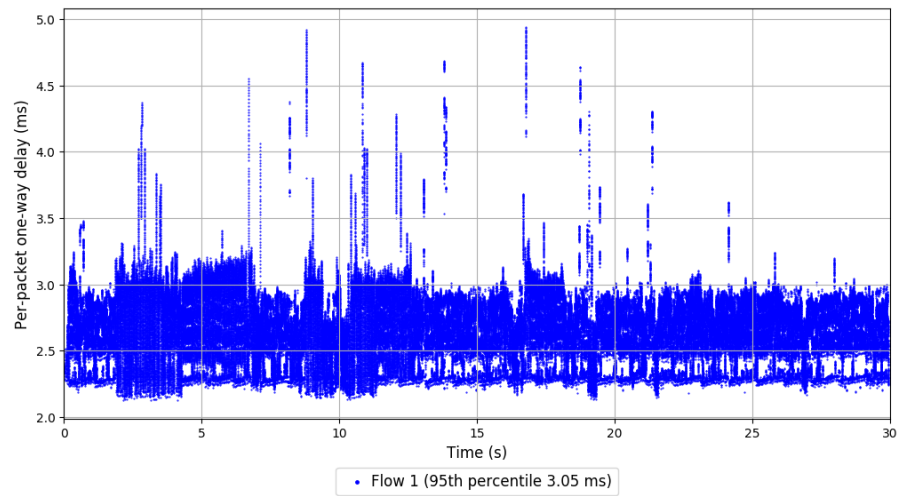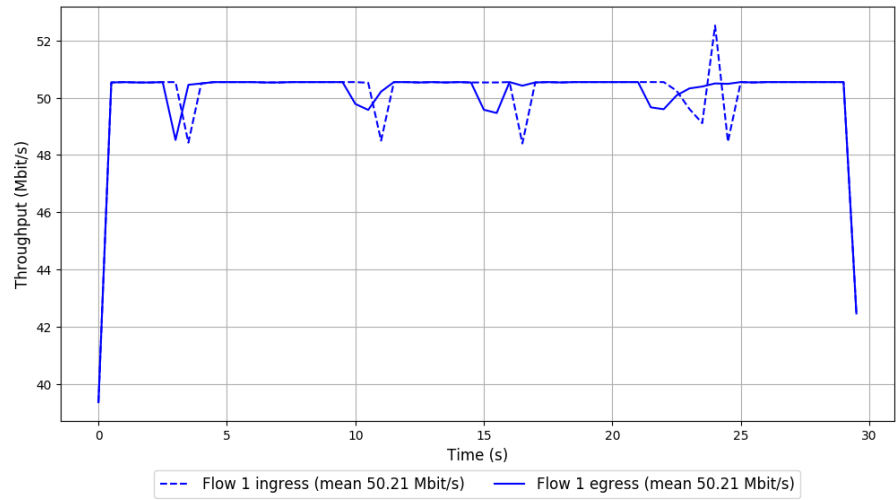Run 7: Report of WebRTC media — Data Link

```
Run 8: Statistics of WebRTC media

Start at: 2017-11-30 14:04:56
End at: 2017-11-30 14:05:26
Local clock offset: 1.279 ms
Remote clock offset: 0.006 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 2.682 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 2.682 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

```
Run 9: Statistics of WebRTC media

Start at: 2017-11-30 14:23:05
End at: 2017-11-30 14:23:35
Local clock offset: 1.235 ms
Remote clock offset: 0.002 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 2.651 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 2.651 ms
Loss rate: 0.00%
```
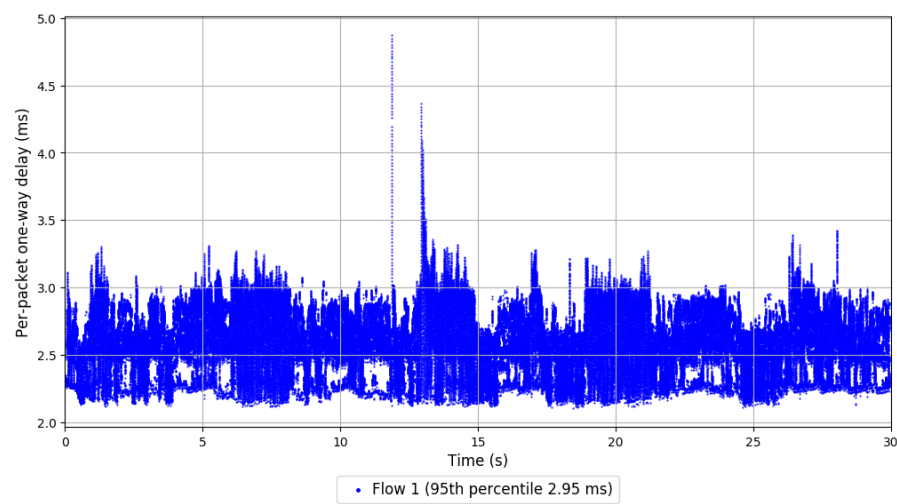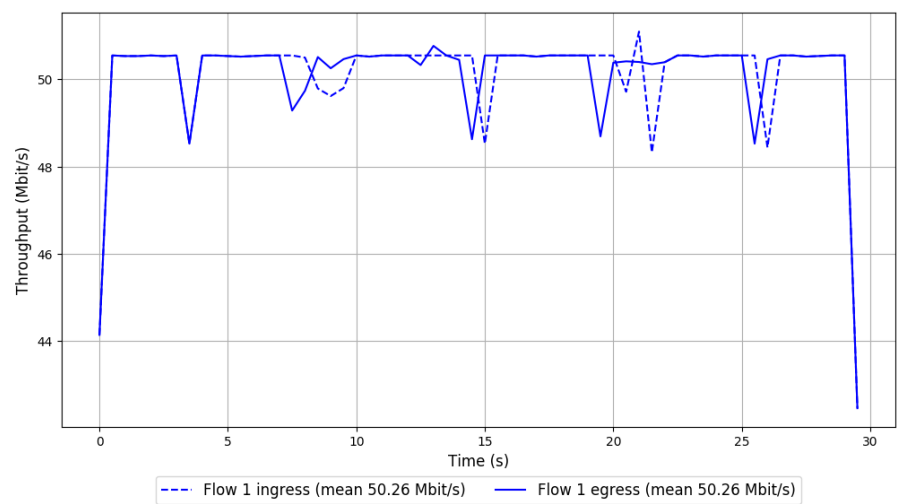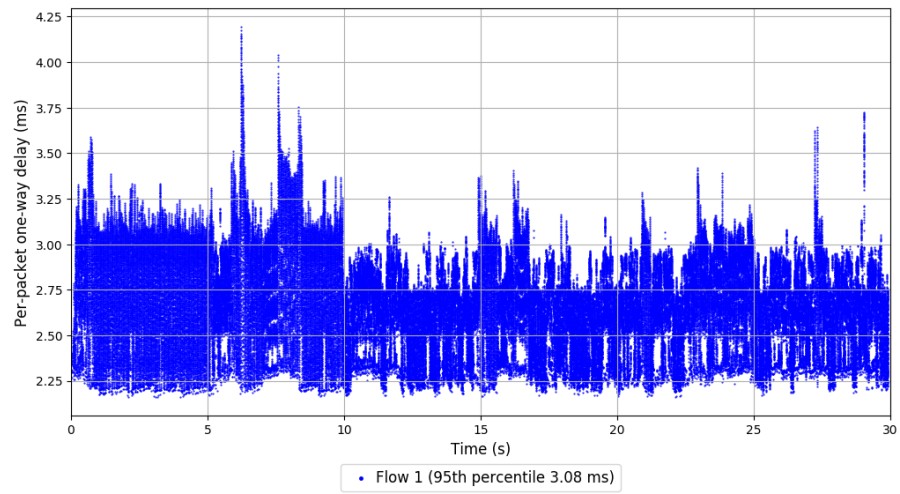
Run 9: Report of WebRTC media — Data Link
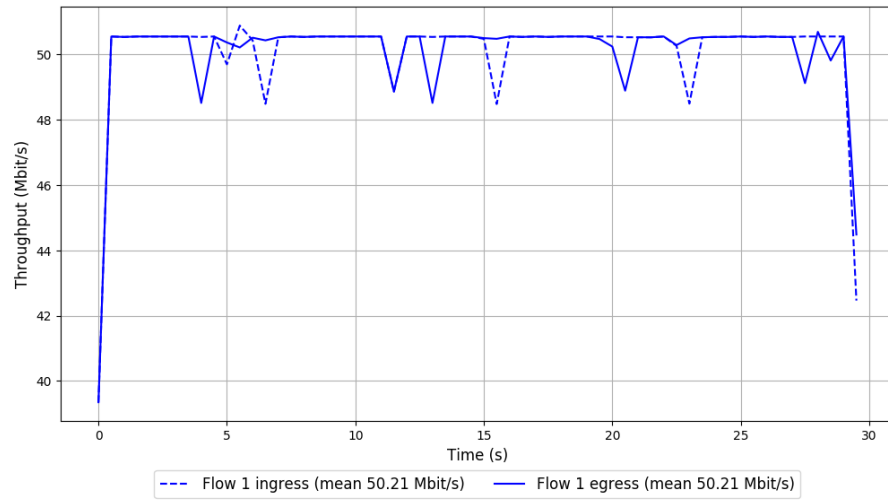
```
Run 10: Statistics of WebRTC media

Start at: 2017-11-30 14:41:01
End at: 2017-11-30 14:41:31
Local clock offset: 1.163 ms
Remote clock offset: -0.053 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 2.557 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 2.557 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

Flow 1 ingress (mean 2.31 Mbit/s)   Flow 1 egress (mean 2.31 Mbit/s)

Flow 1 (95th percentile 2.56 ms)

```
Run 1: Statistics of Sprout

Start at: 2017-11-30 11:51:24
End at: 2017-11-30 11:51:54
Local clock offset: 1.059 ms
Remote clock offset: -0.092 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.21 Mbit/s
95th percentile per-packet one-way delay: 3.046 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.21 Mbit/s
95th percentile per-packet one-way delay: 3.046 ms
Loss rate: 0.00%
```
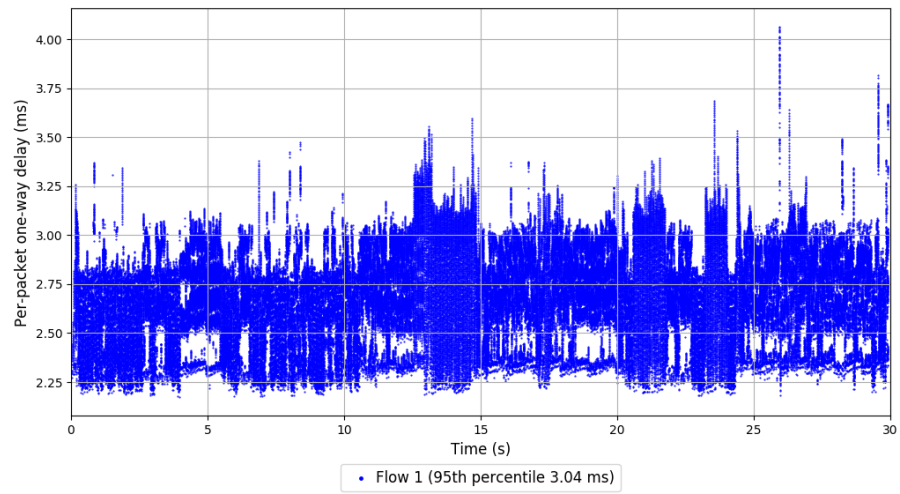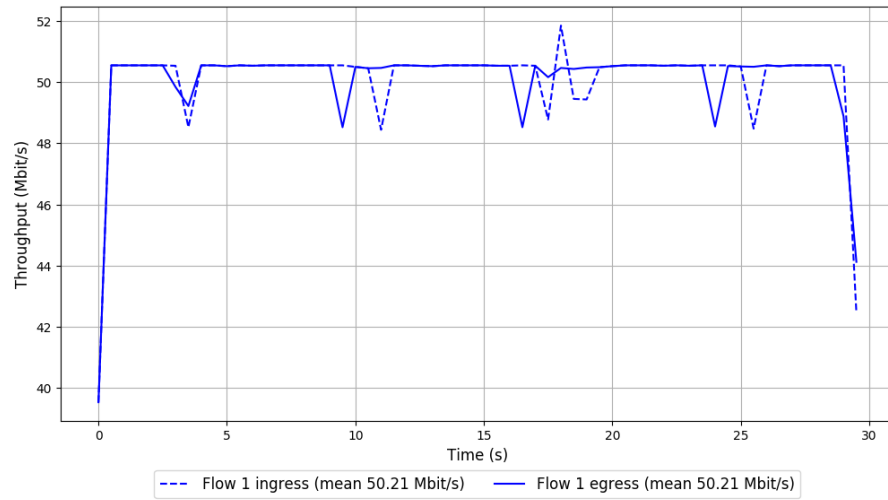
Run 1: Report of Sprout — Data Link

Flow 1 ingress (mean 50.21 Mbit/s)   Flow 1 egress (mean 50.21 Mbit/s)

Flow 1 (95th percentile 3.05 ms)

```
Run 2: Statistics of Sprout

Start at: 2017-11-30 12:09:07
End at: 2017-11-30 12:09:37
Local clock offset: 1.089 ms
Remote clock offset: -0.32 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.26 Mbit/s
95th percentile per-packet one-way delay: 2.954 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.26 Mbit/s
95th percentile per-packet one-way delay: 2.954 ms
Loss rate: 0.00%
```
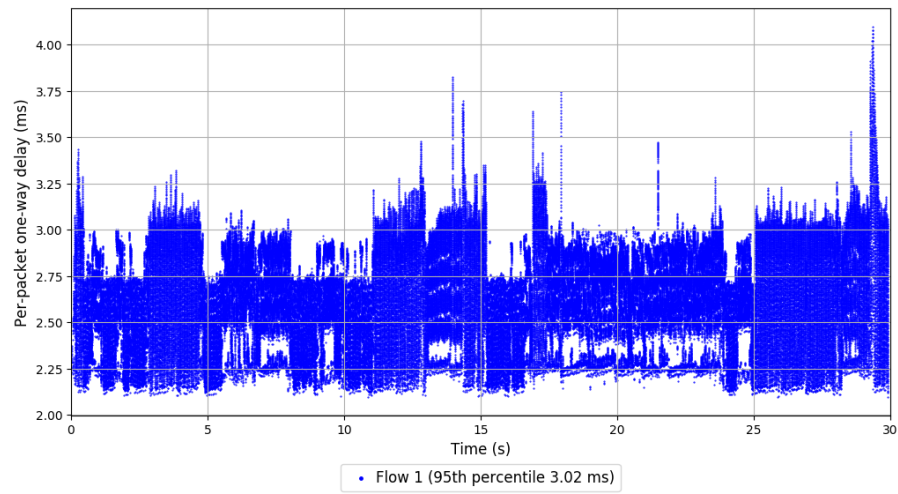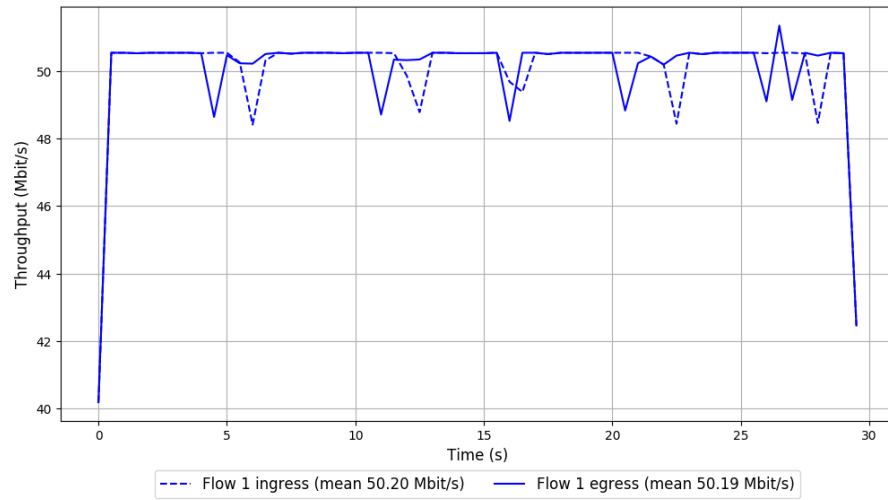
Run 2: Report of Sprout — Data Link

Flow 1 ingress (mean 50.26 Mbit/s)   Flow 1 egress (mean 50.26 Mbit/s)

Flow 1 (95th percentile 2.95 ms)

```
Run 3: Statistics of Sprout

Start at: 2017-11-30 12:27:06
End at: 2017-11-30 12:27:36
Local clock offset: 1.285 ms
Remote clock offset: -0.053 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.21 Mbit/s
95th percentile per-packet one-way delay: 3.080 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.21 Mbit/s
95th percentile per-packet one-way delay: 3.080 ms
Loss rate: 0.00%
```
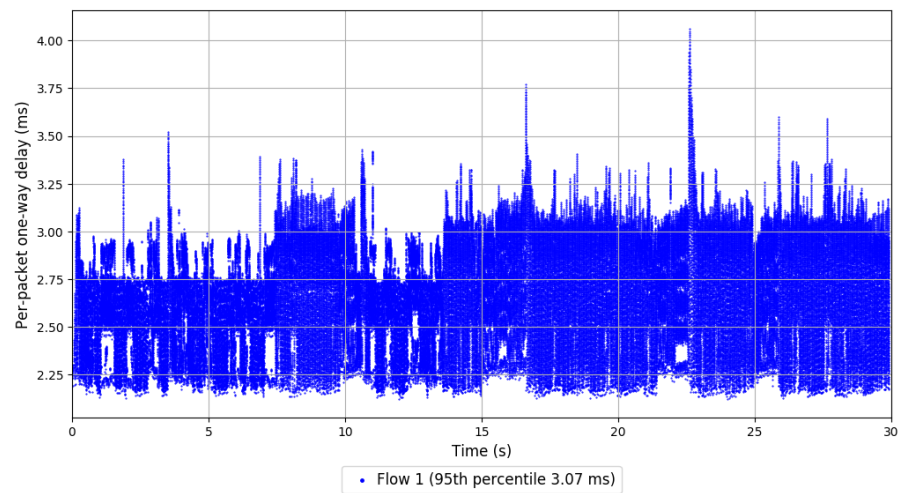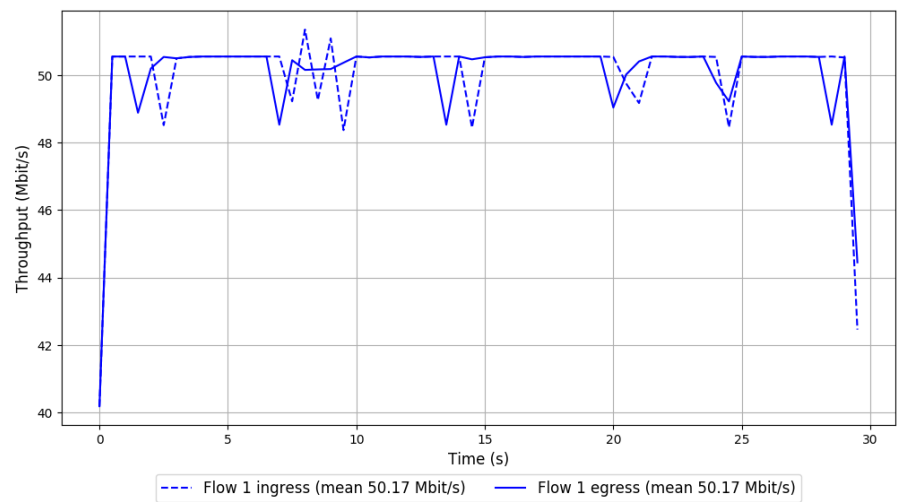
Run 3: Report of Sprout — Data Link

Flow 1 ingress (mean 50.21 Mbit/s) --- Flow 1 egress (mean 50.21 Mbit/s)

Flow 1 (95th percentile 3.08 ms)

```
Run 4: Statistics of Sprout

Start at: 2017-11-30 12:45:09
End at: 2017-11-30 12:45:39
Local clock offset: 1.585 ms
Remote clock offset: 0.038 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.21 Mbit/s
95th percentile per-packet one-way delay: 3.041 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.21 Mbit/s
95th percentile per-packet one-way delay: 3.041 ms
Loss rate: 0.00%
```
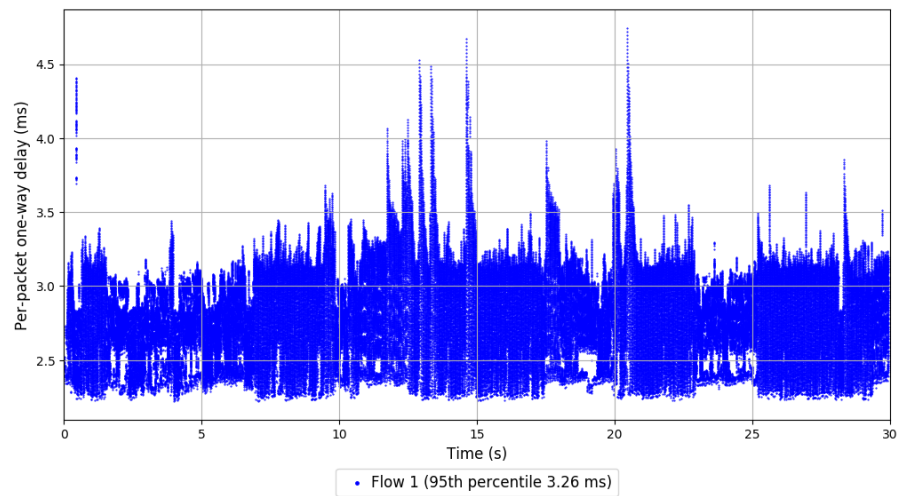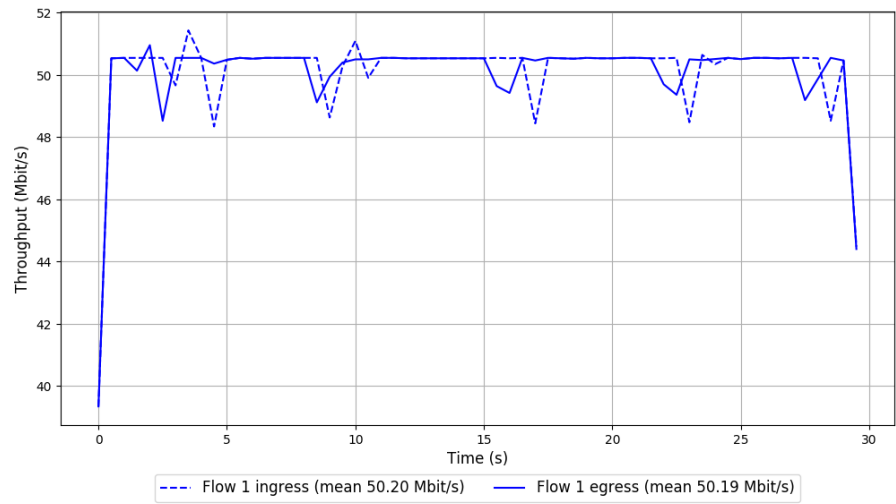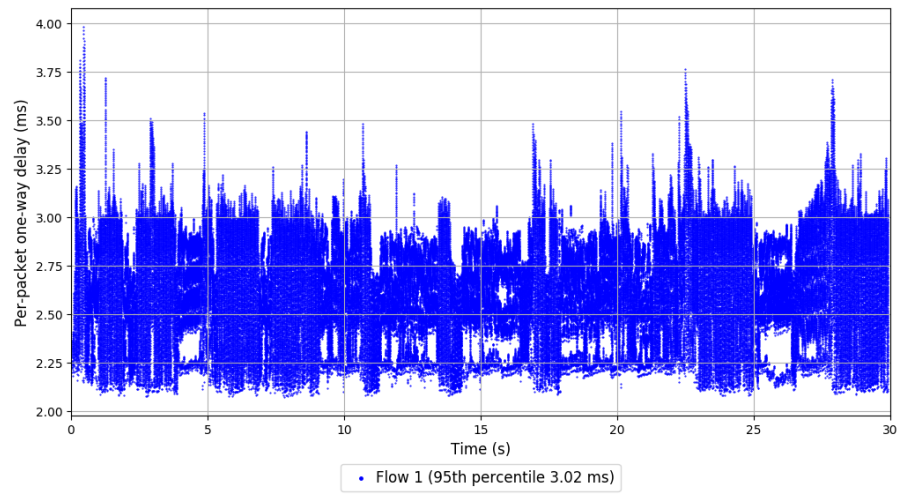
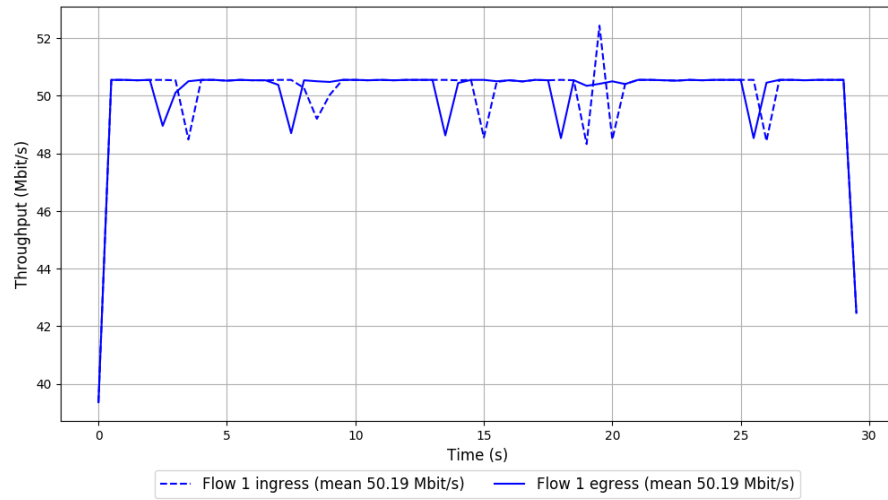# Run 4: Report of Sprout — Data Link

```
Run 5: Statistics of Sprout

Start at: 2017-11-30 13:03:12
End at: 2017-11-30 13:03:42
Local clock offset: 1.458 ms
Remote clock offset: 0.005 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.19 Mbit/s
95th percentile per-packet one-way delay: 3.020 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.19 Mbit/s
95th percentile per-packet one-way delay: 3.020 ms
Loss rate: 0.00%
```
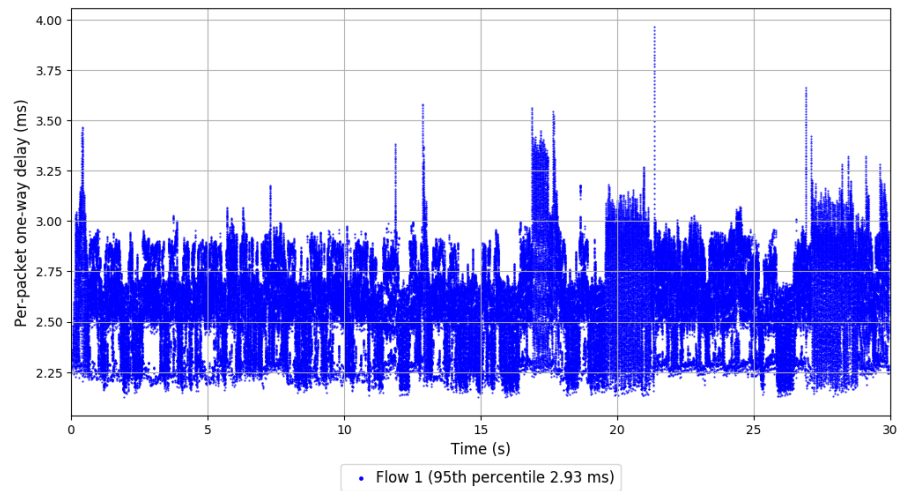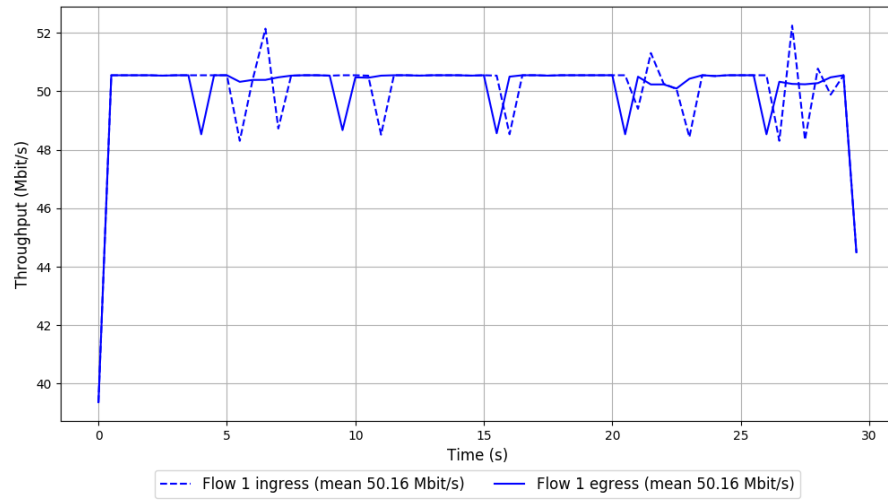
Run 5: Report of Sprout — Data Link

```
Run 6: Statistics of Sprout

Start at: 2017-11-30 13:21:16
End at: 2017-11-30 13:21:46
Local clock offset: 1.301 ms
Remote clock offset: 0.036 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.17 Mbit/s
95th percentile per-packet one-way delay: 3.068 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.17 Mbit/s
95th percentile per-packet one-way delay: 3.068 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

Flow 1 ingress (mean 50.17 Mbit/s) --- Flow 1 egress (mean 50.17 Mbit/s)

Flow 1 (95th percentile 3.07 ms)

```
Run 7: Statistics of Sprout

Start at: 2017-11-30 13:39:11
End at: 2017-11-30 13:39:41
Local clock offset: 1.233 ms
Remote clock offset: 0.019 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.19 Mbit/s
95th percentile per-packet one-way delay: 3.257 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.19 Mbit/s
95th percentile per-packet one-way delay: 3.257 ms
Loss rate: 0.00%
```
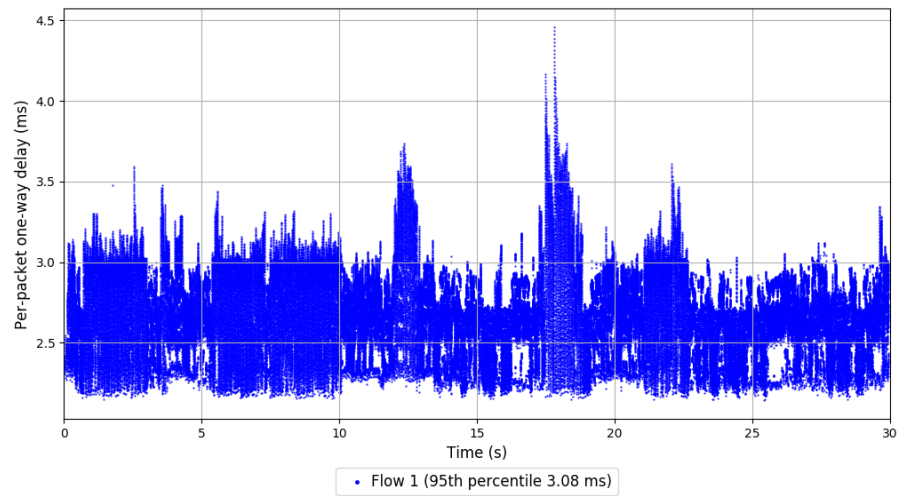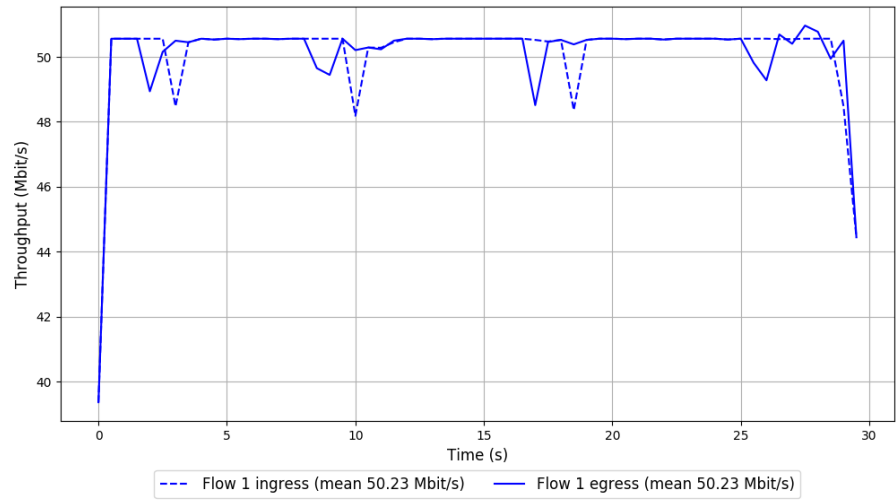
Run 7: Report of Sprout — Data Link

Flow 1 ingress (mean 50.20 Mbit/s)   Flow 1 egress (mean 50.19 Mbit/s)

Flow 1 (95th percentile 3.26 ms)

```
Run 8: Statistics of Sprout

Start at: 2017-11-30 13:57:19
End at: 2017-11-30 13:57:49
Local clock offset: 1.4 ms
Remote clock offset: -0.064 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.19 Mbit/s
95th percentile per-packet one-way delay: 3.016 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.19 Mbit/s
95th percentile per-packet one-way delay: 3.016 ms
Loss rate: 0.00%
```
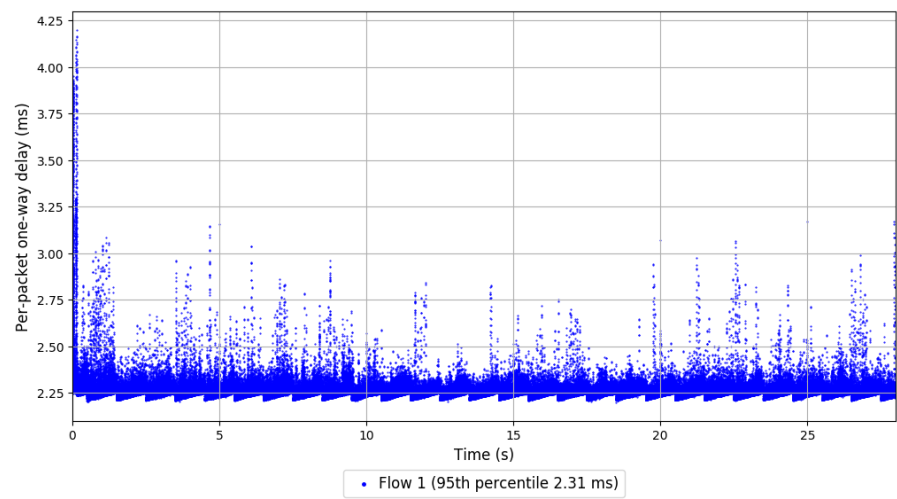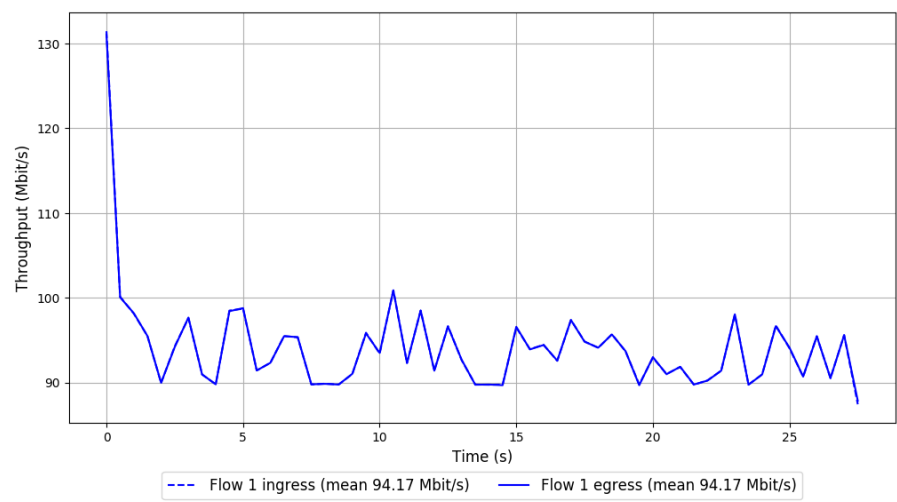
Run 8: Report of Sprout — Data Link

```
Run 9: Statistics of Sprout

Start at: 2017-11-30 14:15:18
End at: 2017-11-30 14:15:48
Local clock offset: 1.303 ms
Remote clock offset: -0.027 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.16 Mbit/s
95th percentile per-packet one-way delay: 2.932 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.16 Mbit/s
95th percentile per-packet one-way delay: 2.932 ms
Loss rate: 0.00%
```
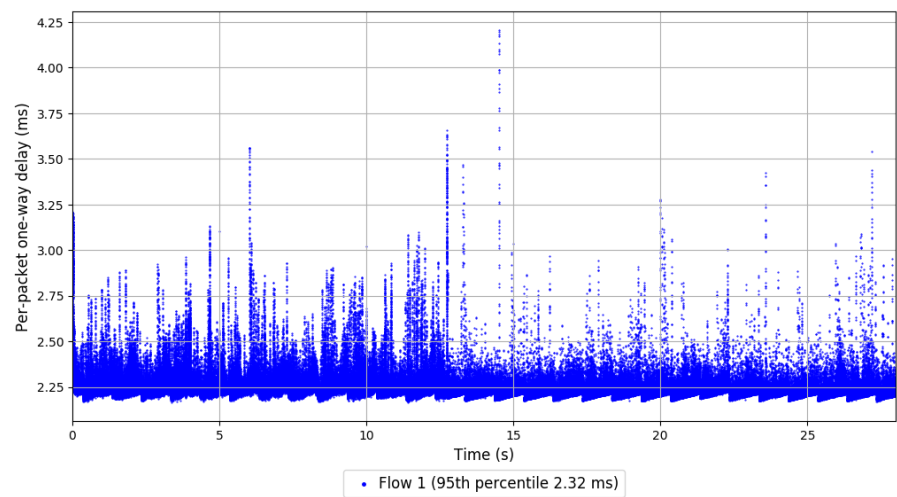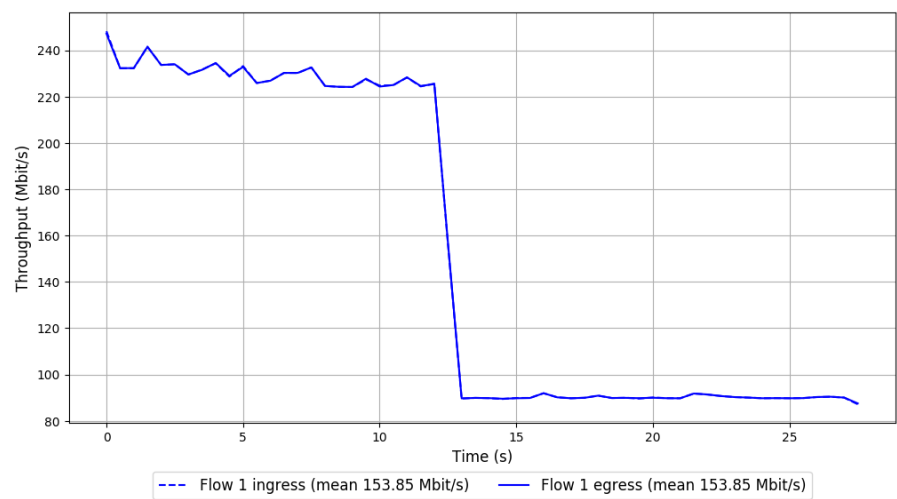
Run 9: Report of Sprout — Data Link

```
Run 10: Statistics of Sprout

Start at: 2017-11-30 14:33:16
End at: 2017-11-30 14:33:46
Local clock offset: 1.175 ms
Remote clock offset: -0.05 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.23 Mbit/s
95th percentile per-packet one-way delay: 3.080 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.23 Mbit/s
95th percentile per-packet one-way delay: 3.080 ms
Loss rate: 0.00%
```
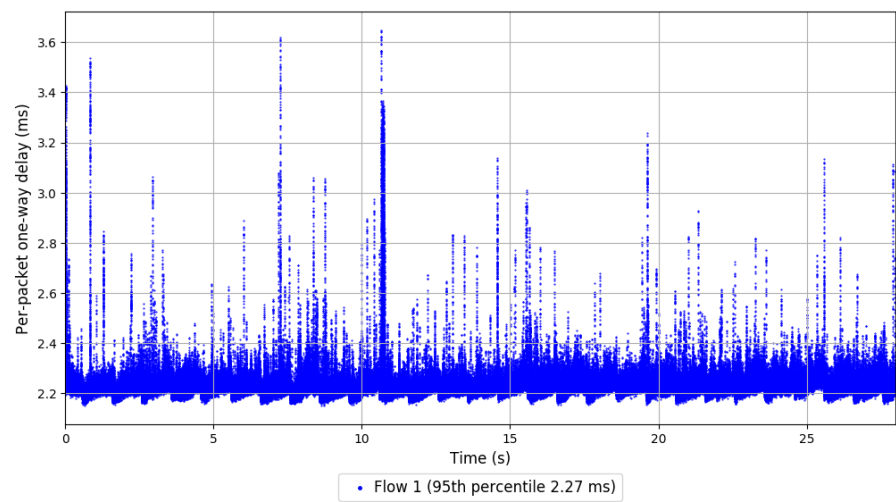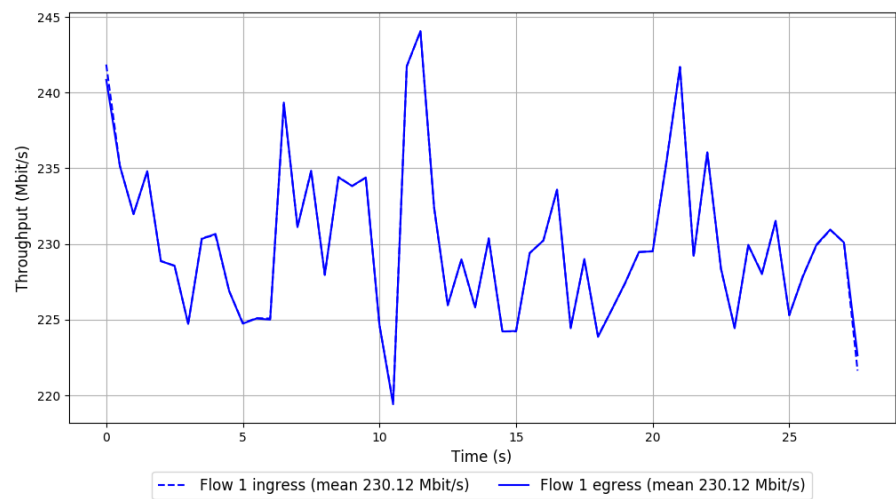
Run 10: Report of Sprout — Data Link

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

Start at: 2017-11-30 12:05:16
End at: 2017-11-30 12:05:46
Local clock offset: 1.005 ms
Remote clock offset: -0.324 ms


# Below is generated by plot.py at 2017-11-30 17:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.17 Mbit/s
95th percentile per-packet one-way delay: 2.312 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 94.17 Mbit/s
95th percentile per-packet one-way delay: 2.312 ms
Loss rate: 0.00%
```
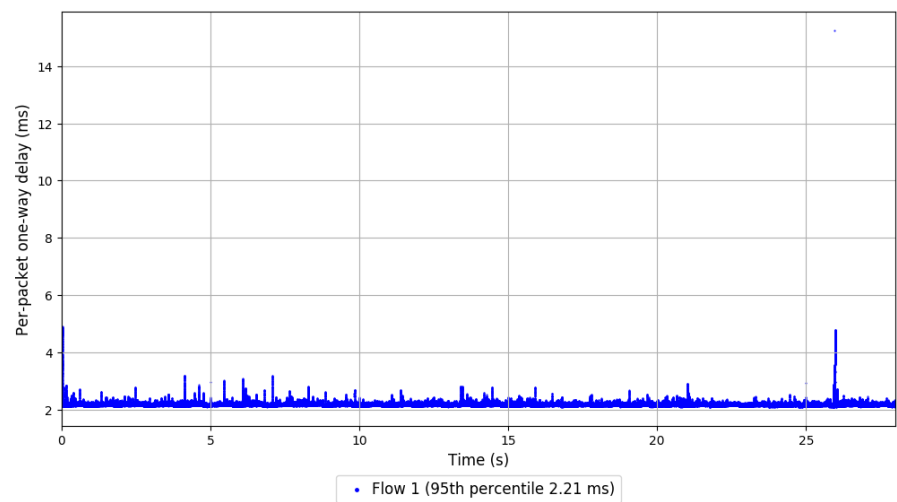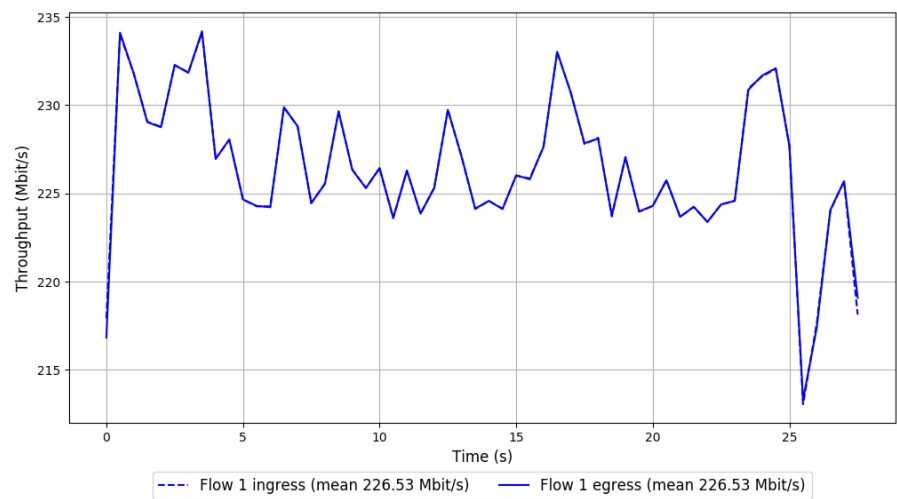
Run 1: Report of TaoVA-100x — Data Link

```
Run 2: Statistics of TaoVA-100x

Start at: 2017-11-30 12:23:18
End at: 2017-11-30 12:23:48
Local clock offset: 1.227 ms
Remote clock offset: -0.078 ms


# Below is generated by plot.py at 2017-11-30 17:23:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 153.85 Mbit/s
95th percentile per-packet one-way delay: 2.318 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 153.85 Mbit/s
95th percentile per-packet one-way delay: 2.318 ms
Loss rate: 0.00%
```
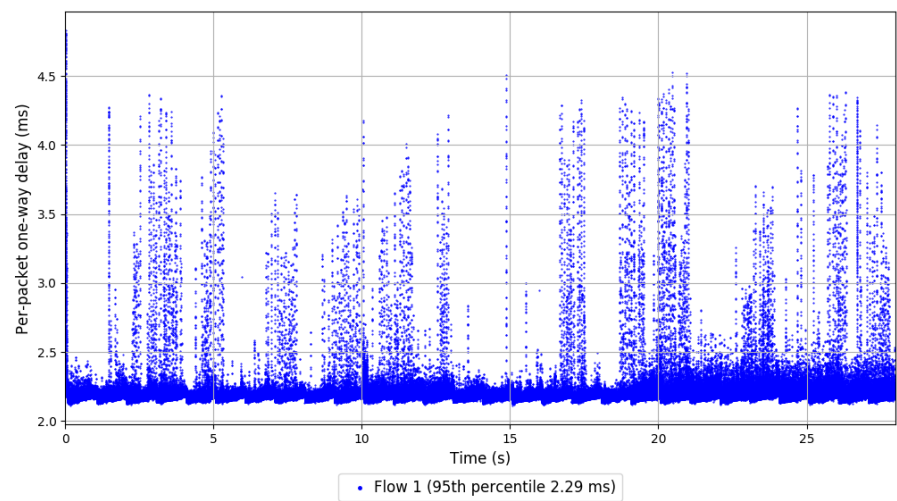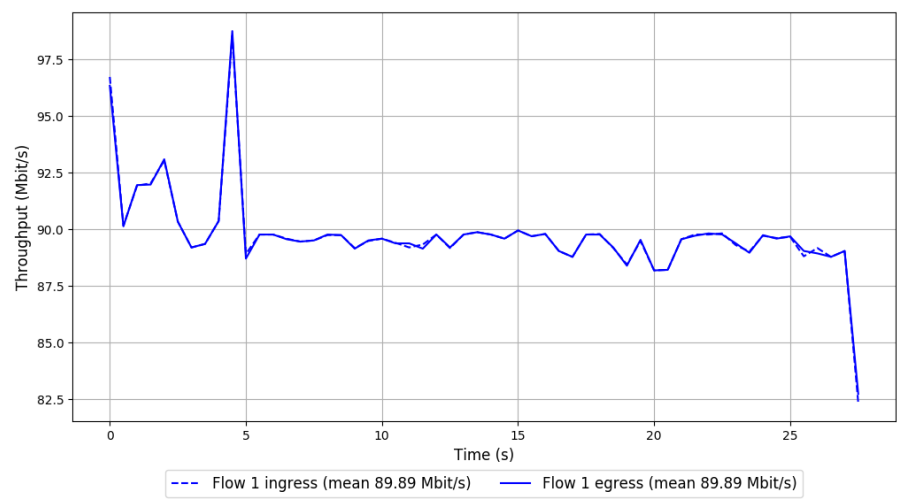
Run 2: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 153.85 Mbit/s) --- Flow 1 egress (mean 153.85 Mbit/s)

Flow 1 (95th percentile 2.32 ms)

```
Run 3: Statistics of TaoVA-100x

Start at: 2017-11-30 12:41:05
End at: 2017-11-30 12:41:35
Local clock offset: 1.5 ms
Remote clock offset: 0.011 ms


# Below is generated by plot.py at 2017-11-30 17:25:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 230.12 Mbit/s
95th percentile per-packet one-way delay: 2.275 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 230.12 Mbit/s
95th percentile per-packet one-way delay: 2.275 ms
Loss rate: 0.00%
```
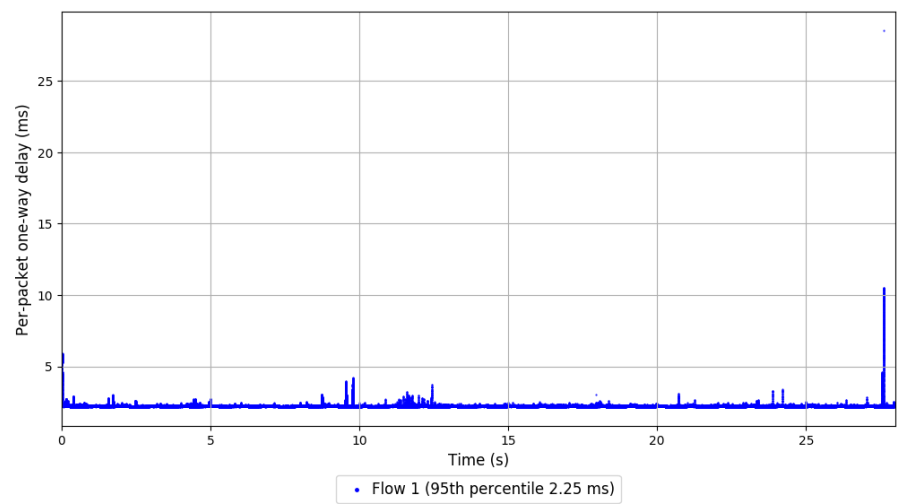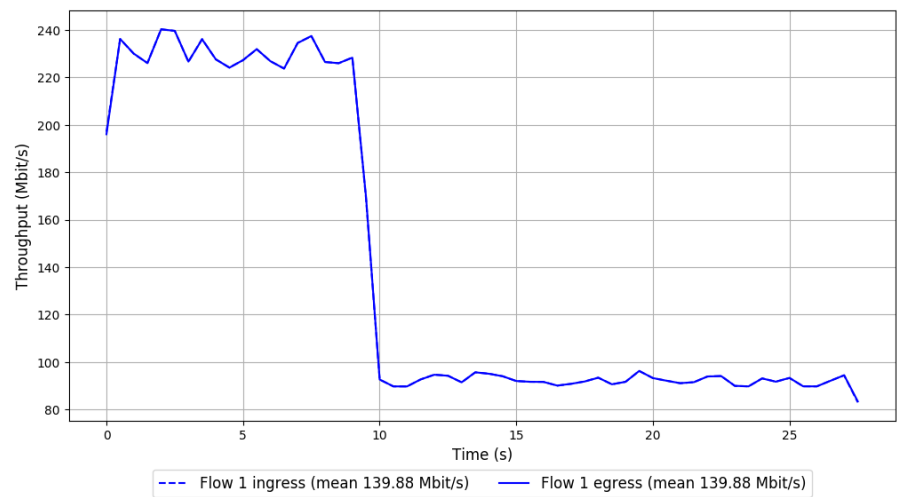
Run 3: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 230.12 Mbit/s) --- Flow 1 egress (mean 230.12 Mbit/s)

Flow 1 (95th percentile 2.27 ms)

```
Run 4: Statistics of TaoVA-100x

Start at: 2017-11-30 12:59:08
End at: 2017-11-30 12:59:38
Local clock offset: 1.546 ms
Remote clock offset: 0.022 ms


# Below is generated by plot.py at 2017-11-30 17:25:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 226.53 Mbit/s
95th percentile per-packet one-way delay: 2.214 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 226.53 Mbit/s
95th percentile per-packet one-way delay: 2.214 ms
Loss rate: 0.00%
```
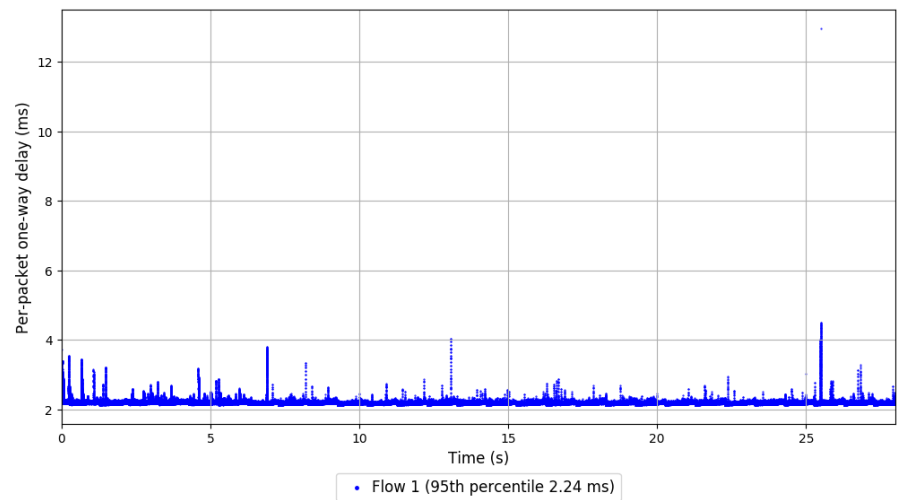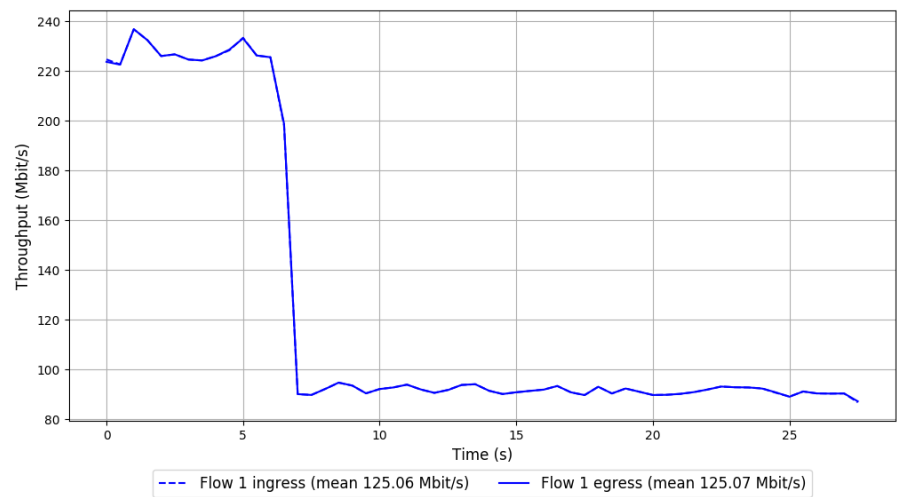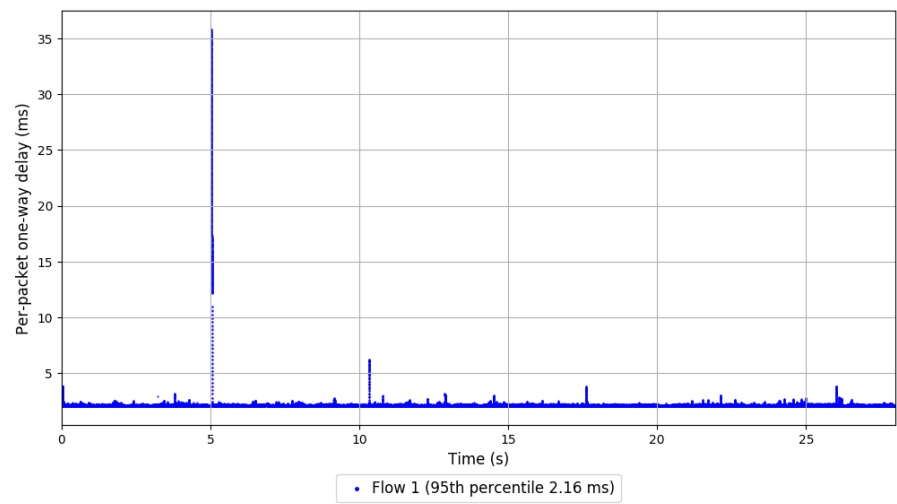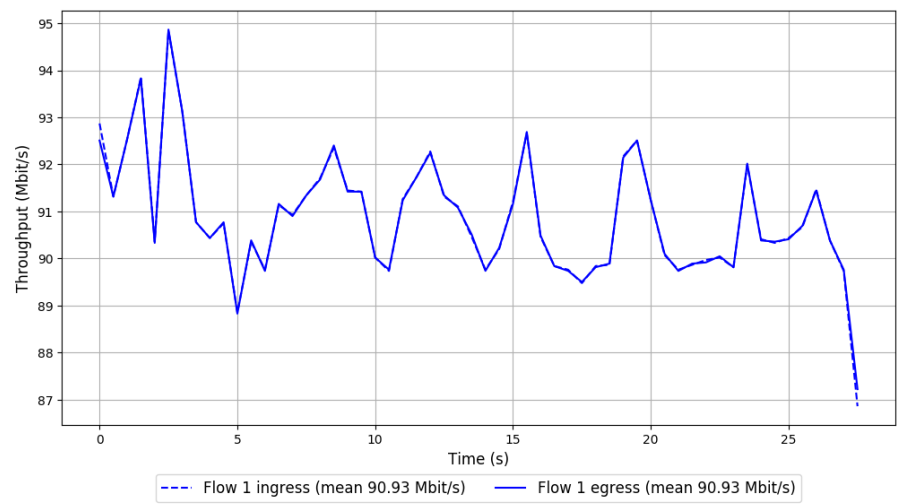
Run 4: Report of TaoVA-100x — Data Link

```
Run 5: Statistics of TaoVA-100x

Start at: 2017-11-30 13:17:19
End at: 2017-11-30 13:17:49
Local clock offset: 1.296 ms
Remote clock offset: 0.031 ms


# Below is generated by plot.py at 2017-11-30 17:25:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.89 Mbit/s
95th percentile per-packet one-way delay: 2.288 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.89 Mbit/s
95th percentile per-packet one-way delay: 2.288 ms
Loss rate: 0.00%
```

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

Flow 1 ingress (mean 89.89 Mbit/s) — Flow 1 egress (mean 89.89 Mbit/s)

Flow 1 (95th percentile 2.29 ms)

```
Run 6: Statistics of TaoVA-100x

Start at: 2017-11-30 13:35:15
End at: 2017-11-30 13:35:45
Local clock offset: 1.214 ms
Remote clock offset: -0.052 ms


# Below is generated by plot.py at 2017-11-30 17:25:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 139.88 Mbit/s
95th percentile per-packet one-way delay: 2.245 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 139.88 Mbit/s
95th percentile per-packet one-way delay: 2.245 ms
Loss rate: 0.00%
```
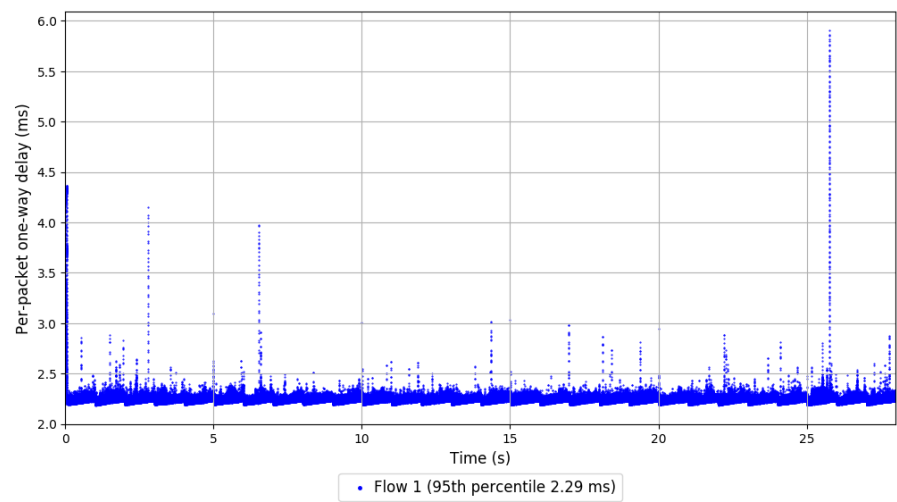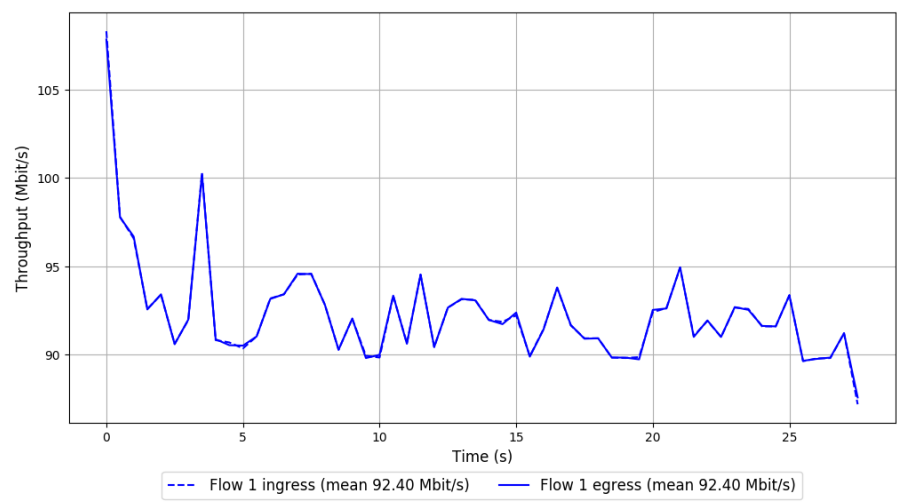
Run 6: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 139.88 Mbit/s) --- Flow 1 egress (mean 139.88 Mbit/s)

Flow 1 (95th percentile 2.25 ms)

```
Run 7: Statistics of TaoVA-100x

Start at: 2017-11-30 13:53:18
End at: 2017-11-30 13:53:48
Local clock offset: 1.353 ms
Remote clock offset: -0.012 ms


# Below is generated by plot.py at 2017-11-30 17:25:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 125.07 Mbit/s
95th percentile per-packet one-way delay: 2.237 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 125.07 Mbit/s
95th percentile per-packet one-way delay: 2.237 ms
Loss rate: 0.00%
```
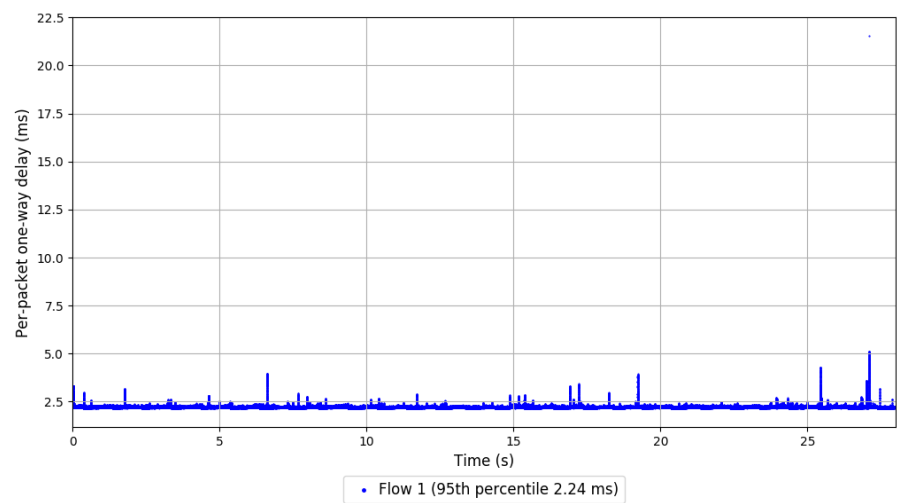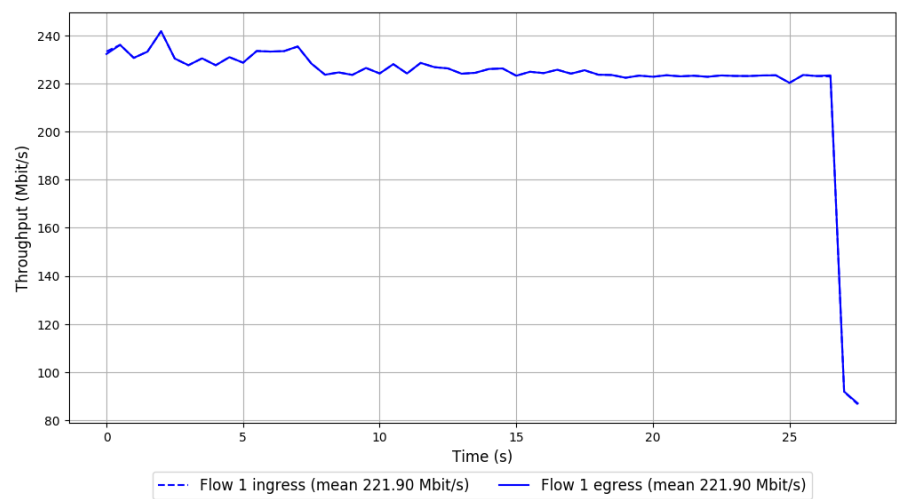
Run 7: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 125.06 Mbit/s)   Flow 1 egress (mean 125.07 Mbit/s)

Flow 1 (95th percentile 2.24 ms)

```
Run 8: Statistics of TaoVA-100x

Start at: 2017-11-30 14:11:21
End at: 2017-11-30 14:11:51
Local clock offset: 1.328 ms
Remote clock offset: -0.086 ms


# Below is generated by plot.py at 2017-11-30 17:25:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.93 Mbit/s
95th percentile per-packet one-way delay: 2.158 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.93 Mbit/s
95th percentile per-packet one-way delay: 2.158 ms
Loss rate: 0.00%
```
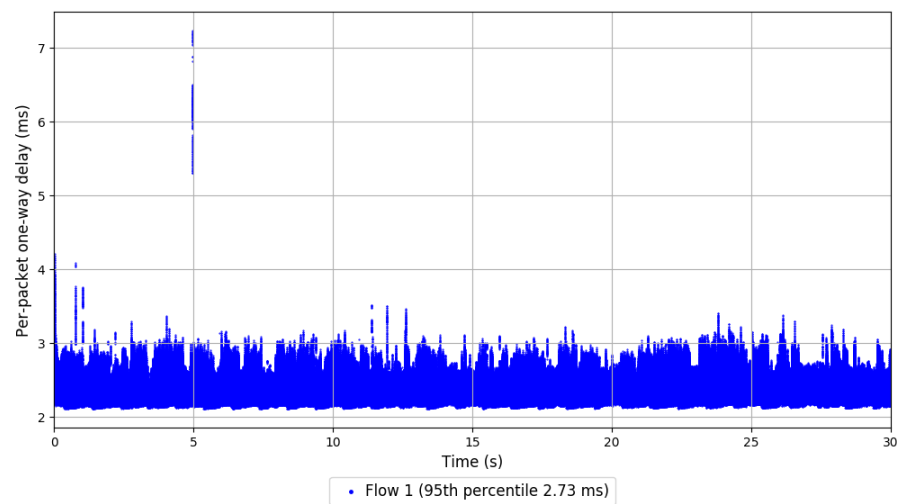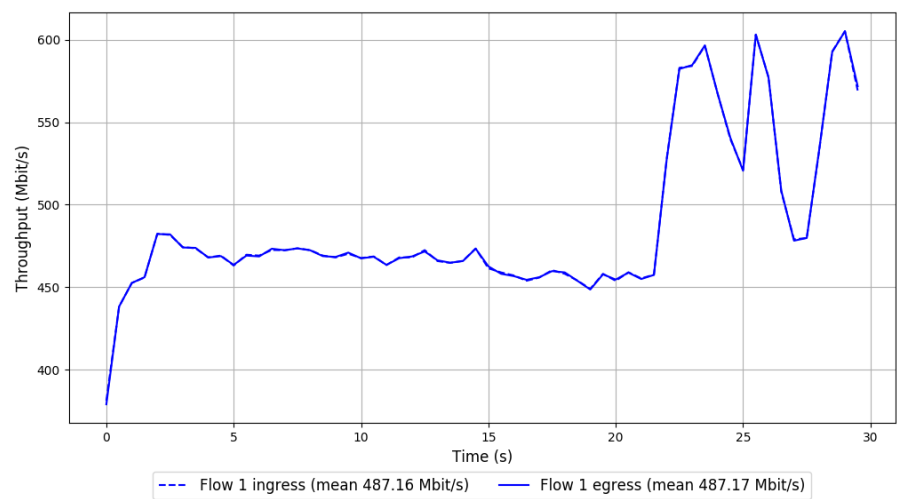
Run 8: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 90.93 Mbit/s) ---- Flow 1 egress (mean 90.93 Mbit/s) ——
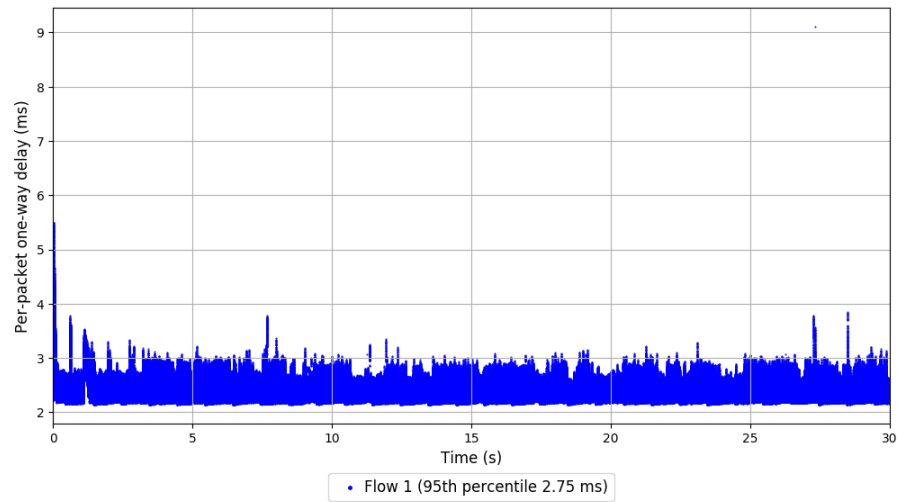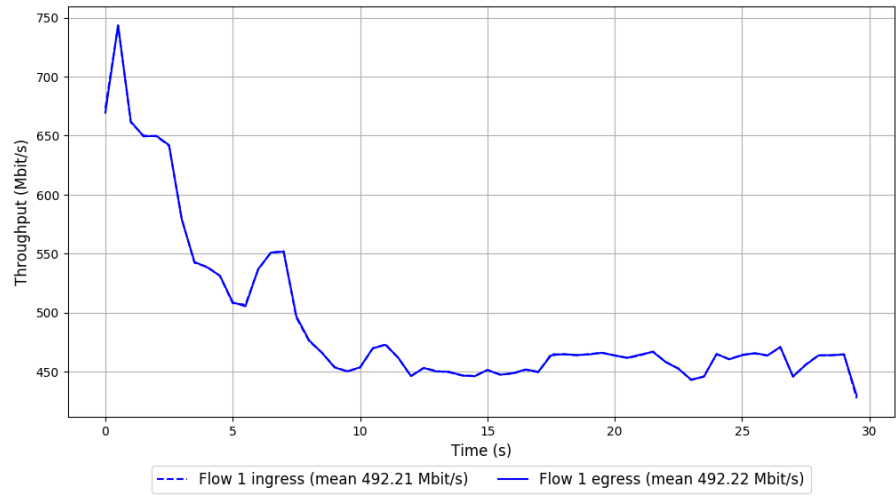

Flow 1 (95th percentile 2.16 ms)

```
Run 9: Statistics of TaoVA-100x

Start at: 2017-11-30 14:29:25
End at: 2017-11-30 14:29:55
Local clock offset: 1.141 ms
Remote clock offset: -0.037 ms


# Below is generated by plot.py at 2017-11-30 17:25:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.40 Mbit/s
95th percentile per-packet one-way delay: 2.286 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.40 Mbit/s
95th percentile per-packet one-way delay: 2.286 ms
Loss rate: 0.00%
```

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

```
Run 10: Statistics of TaoVA-100x

Start at: 2017-11-30 14:47:21
End at: 2017-11-30 14:47:51
Local clock offset: 1.133 ms
Remote clock offset: -0.038 ms


# Below is generated by plot.py at 2017-11-30 17:27:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 221.90 Mbit/s
95th percentile per-packet one-way delay: 2.239 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 221.90 Mbit/s
95th percentile per-packet one-way delay: 2.239 ms
Loss rate: 0.00%
```
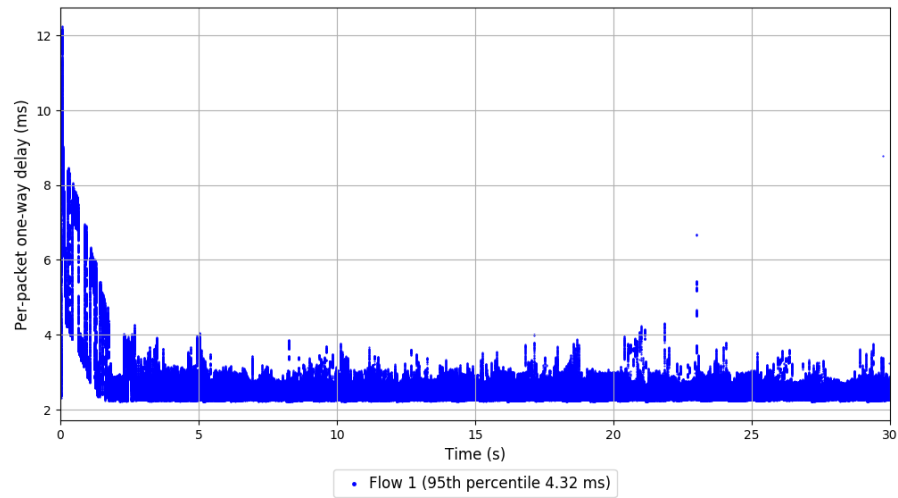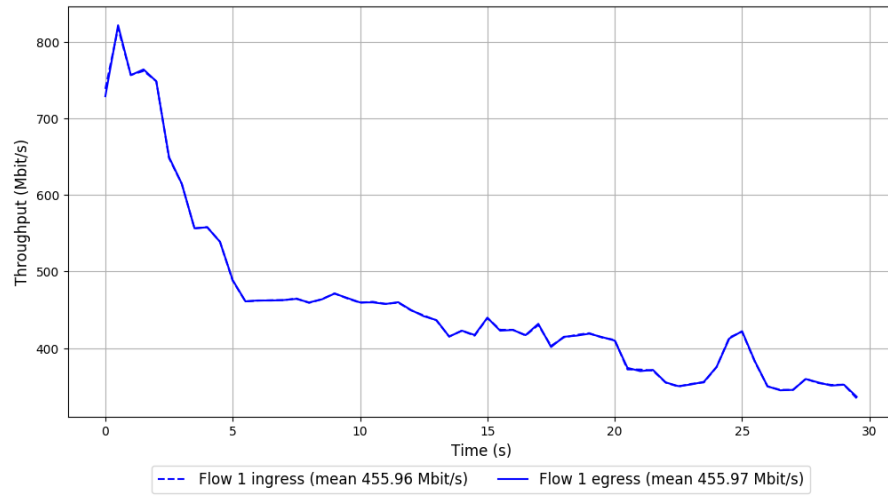
Run 10: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 221.90 Mbit/s)   Flow 1 egress (mean 221.90 Mbit/s)

· Flow 1 (95th percentile 2.24 ms)

```
Run 1: Statistics of TCP Vegas

Start at: 2017-11-30 12:03:54
End at: 2017-11-30 12:04:24
Local clock offset: 1.077 ms
Remote clock offset: -0.325 ms


# Below is generated by plot.py at 2017-11-30 17:30:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 487.17 Mbit/s
95th percentile per-packet one-way delay: 2.728 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 487.17 Mbit/s
95th percentile per-packet one-way delay: 2.728 ms
Loss rate: 0.00%
```
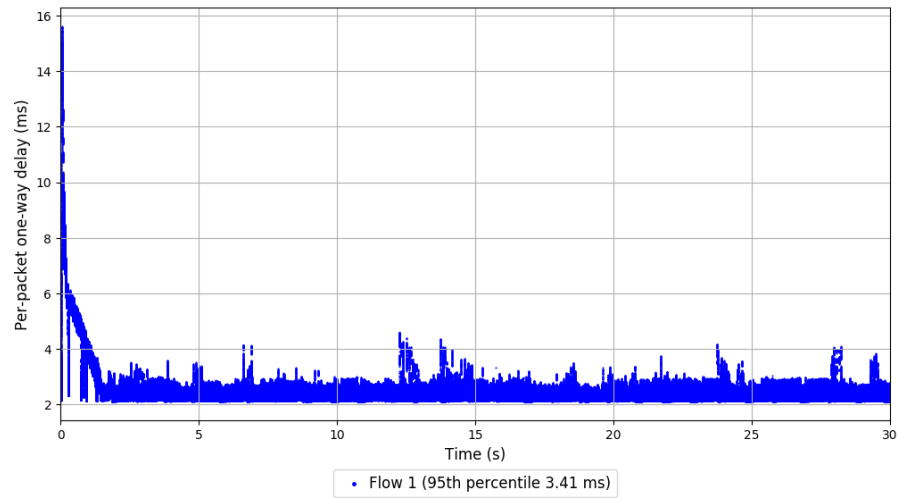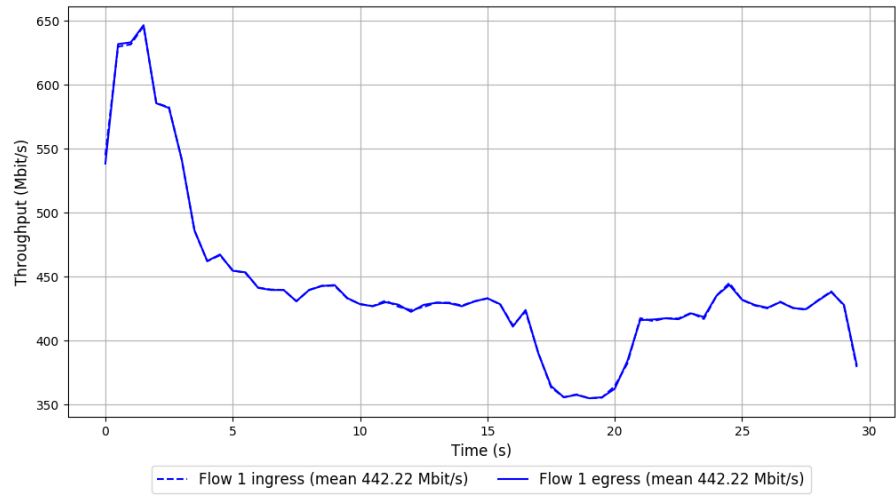
Run 1: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 487.16 Mbit/s) Flow 1 egress (mean 487.17 Mbit/s)

Flow 1 (95th percentile 2.73 ms)

```
Run 2: Statistics of TCP Vegas

Start at: 2017-11-30 12:21:55
End at: 2017-11-30 12:22:25
Local clock offset: 1.216 ms
Remote clock offset: -0.127 ms


# Below is generated by plot.py at 2017-11-30 17:30:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 492.22 Mbit/s
95th percentile per-packet one-way delay: 2.749 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 492.22 Mbit/s
95th percentile per-packet one-way delay: 2.749 ms
Loss rate: 0.00%
```
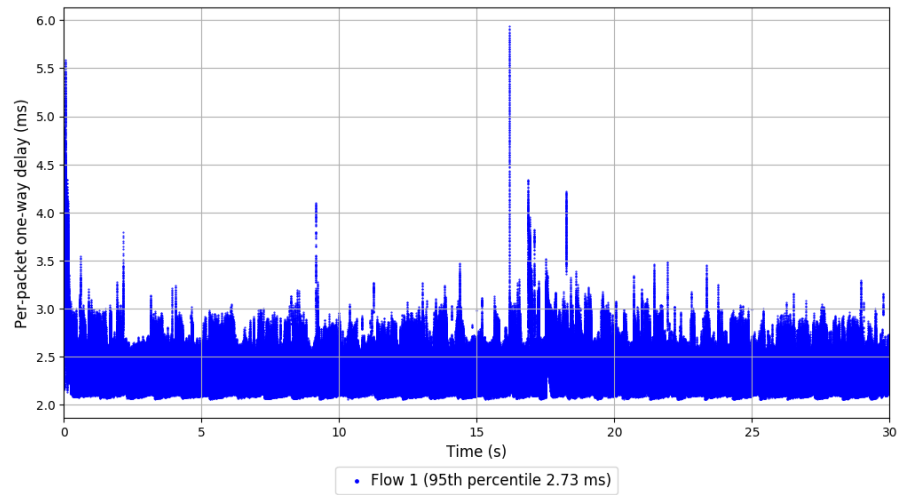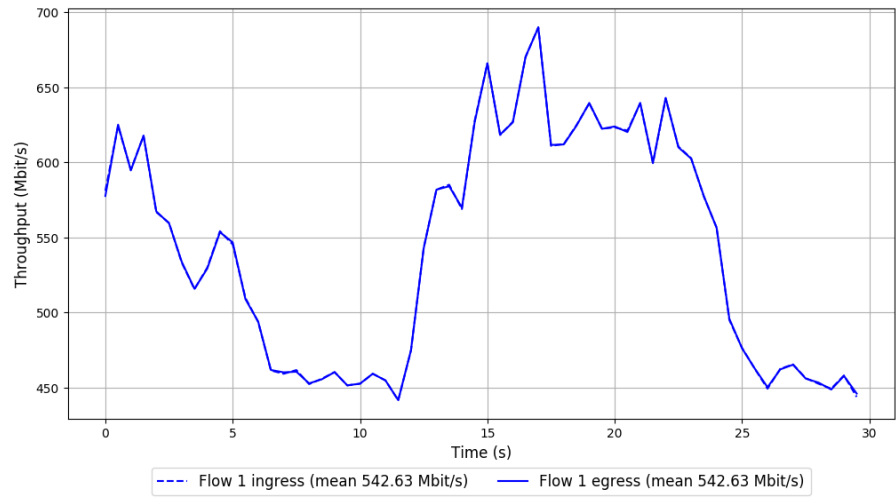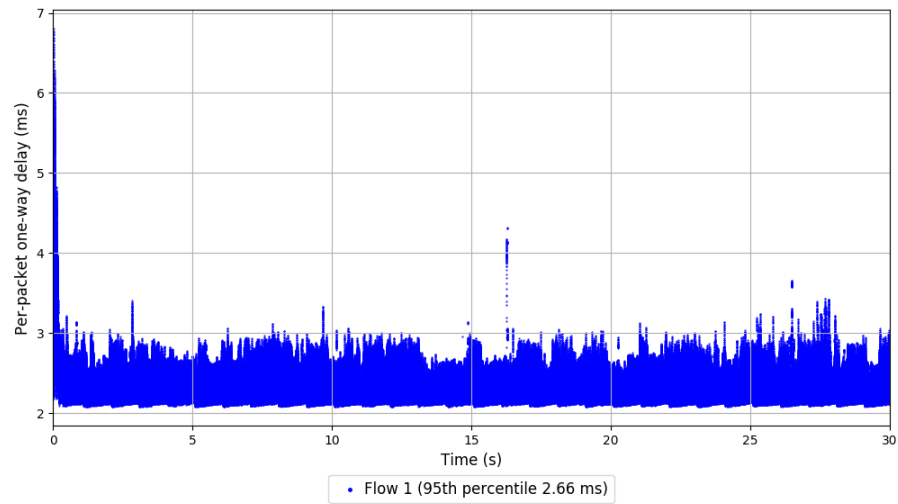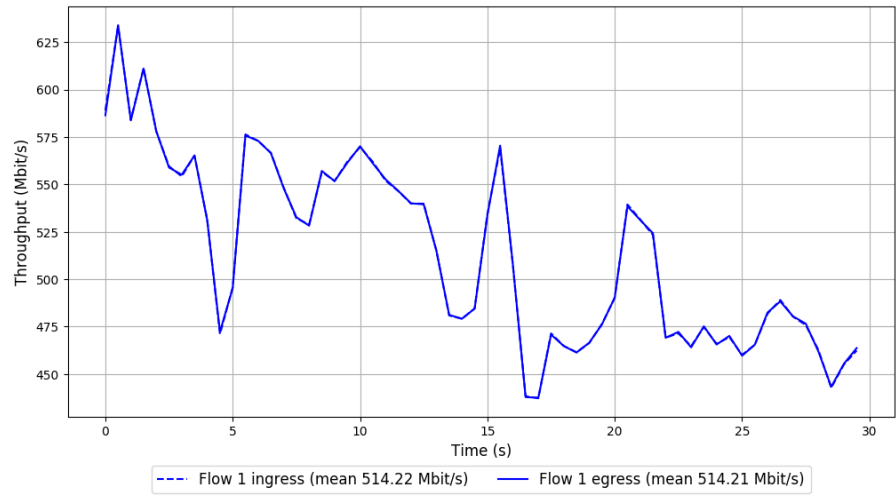
Run 2: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 492.21 Mbit/s)   Flow 1 egress (mean 492.22 Mbit/s)

Flow 1 (95th percentile 2.75 ms)

```
Run 3: Statistics of TCP Vegas

Start at: 2017-11-30 12:39:43
End at: 2017-11-30 12:40:13
Local clock offset: 1.414 ms
Remote clock offset: 0.002 ms


# Below is generated by plot.py at 2017-11-30 17:30:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 455.97 Mbit/s
95th percentile per-packet one-way delay: 4.322 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 455.97 Mbit/s
95th percentile per-packet one-way delay: 4.322 ms
Loss rate: 0.00%
```
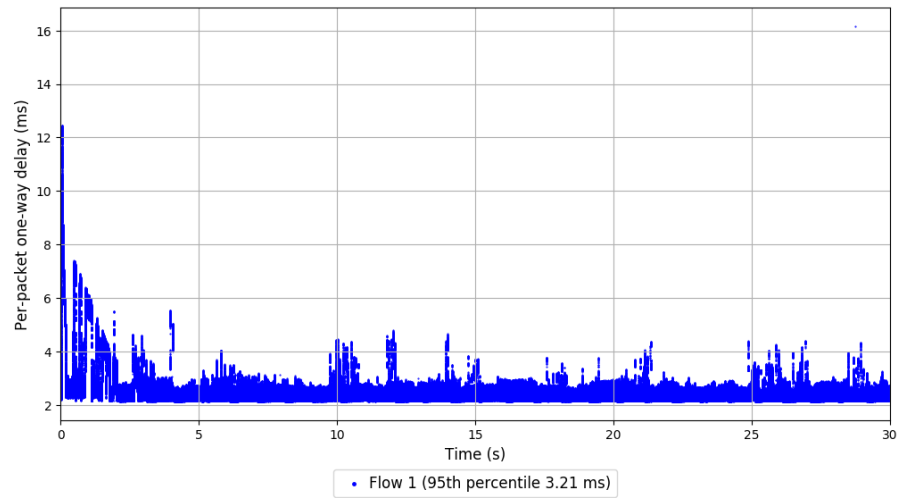
Run 3: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 455.96 Mbit/s)   Flow 1 egress (mean 455.97 Mbit/s)
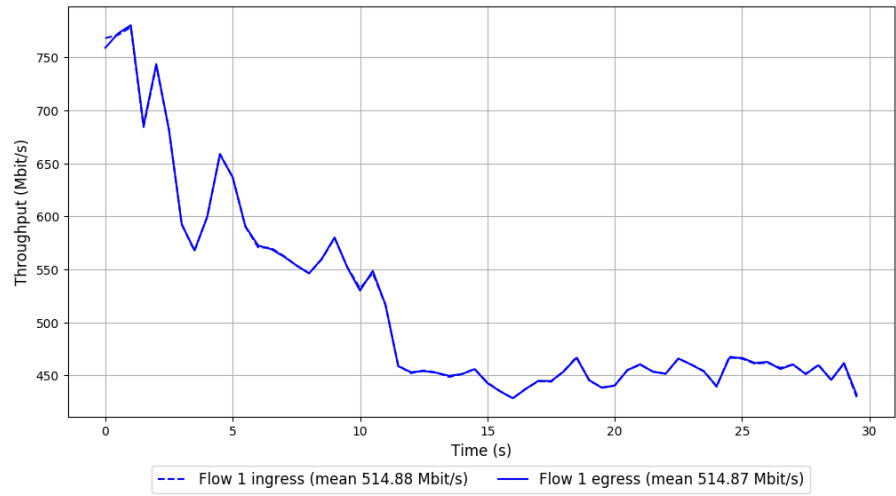

Flow 1 (95th percentile 4.32 ms)

```
Run 4: Statistics of TCP Vegas

Start at: 2017-11-30 12:57:47
End at: 2017-11-30 12:58:17
Local clock offset: 1.558 ms
Remote clock offset: 0.008 ms


# Below is generated by plot.py at 2017-11-30 17:30:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 442.22 Mbit/s
95th percentile per-packet one-way delay: 3.413 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 442.22 Mbit/s
95th percentile per-packet one-way delay: 3.413 ms
Loss rate: 0.00%
```

Run 4: Report of TCP Vegas — Data Link

Run 5: Statistics of TCP Vegas

Start at: 2017-11-30 13:15:54
End at: 2017-11-30 13:16:24
Local clock offset: 1.307 ms
Remote clock offset: -0.035 ms

Below is generated by plot.py at 2017-11-30 17:32:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 542.63 Mbit/s
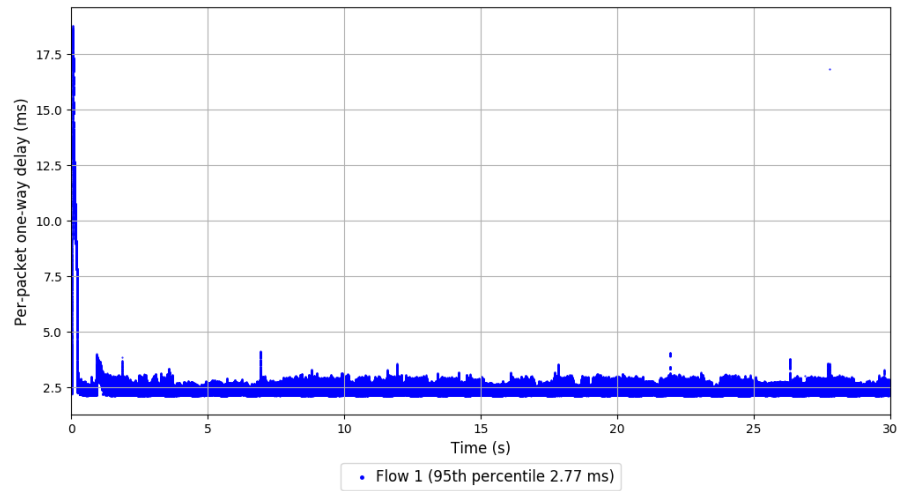95th percentile per-packet one-way delay: 2.729 ms
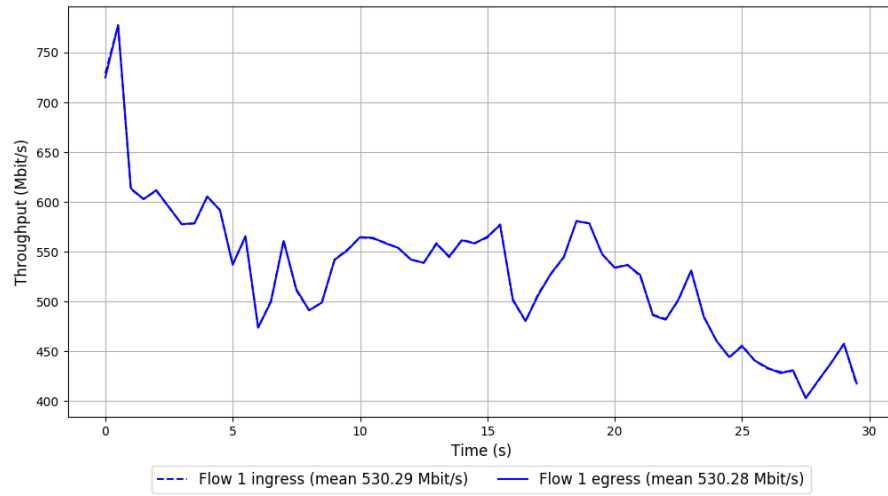Loss rate: 0.00%
-- Flow 1:
Average throughput: 542.63 Mbit/s
95th percentile per-packet one-way delay: 2.729 ms
Loss rate: 0.00%

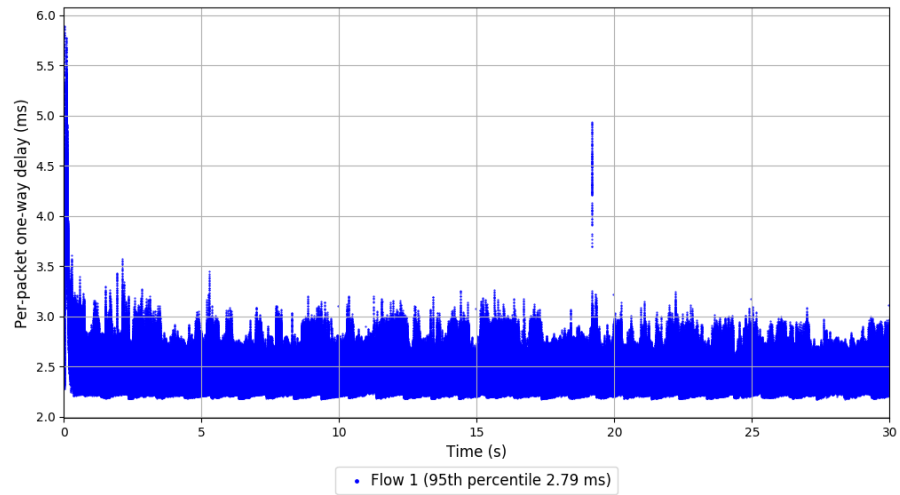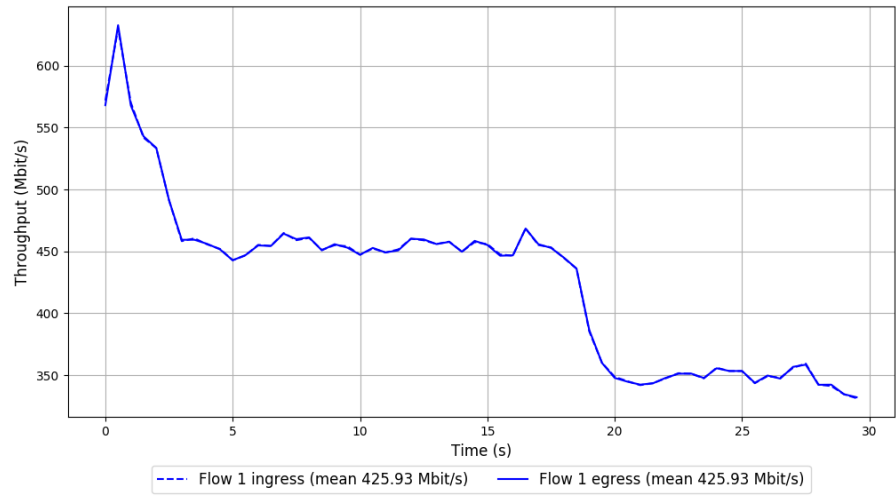Run 5: Report of TCP Vegas — Data Link

```
Run 6: Statistics of TCP Vegas

Start at: 2017-11-30 13:33:51
End at: 2017-11-30 13:34:21
Local clock offset: 1.293 ms
Remote clock offset: -0.038 ms


# Below is generated by plot.py at 2017-11-30 17:33:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 514.21 Mbit/s
95th percentile per-packet one-way delay: 2.660 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 514.21 Mbit/s
95th percentile per-packet one-way delay: 2.660 ms
Loss rate: 0.00%
```

Run 6: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 514.22 Mbit/s) ---- Flow 1 egress (mean 514.21 Mbit/s) ——

Flow 1 (95th percentile 2.66 ms)

```
Run 7: Statistics of TCP Vegas

Start at: 2017-11-30 13:51:55
End at: 2017-11-30 13:52:25
Local clock offset: 1.36 ms
Remote clock offset: -0.009 ms


# Below is generated by plot.py at 2017-11-30 17:33:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 514.87 Mbit/s
95th percentile per-packet one-way delay: 3.206 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 514.87 Mbit/s
95th percentile per-packet one-way delay: 3.206 ms
Loss rate: 0.00%
```
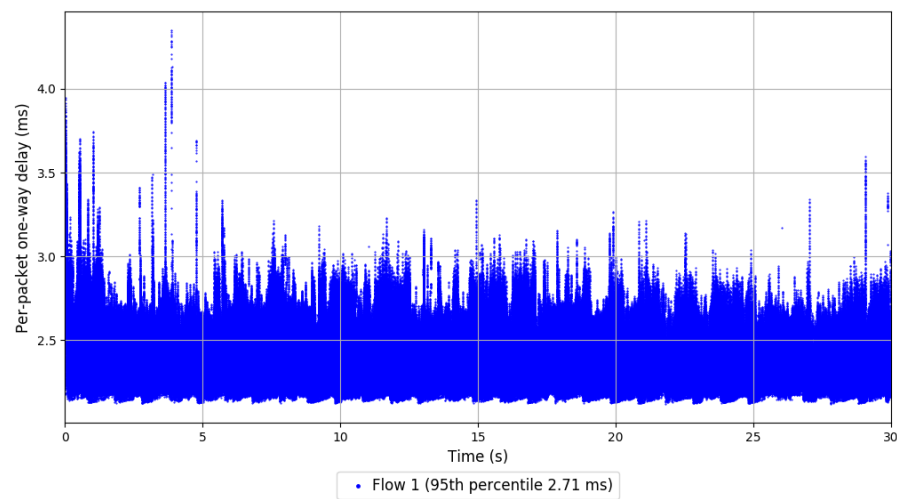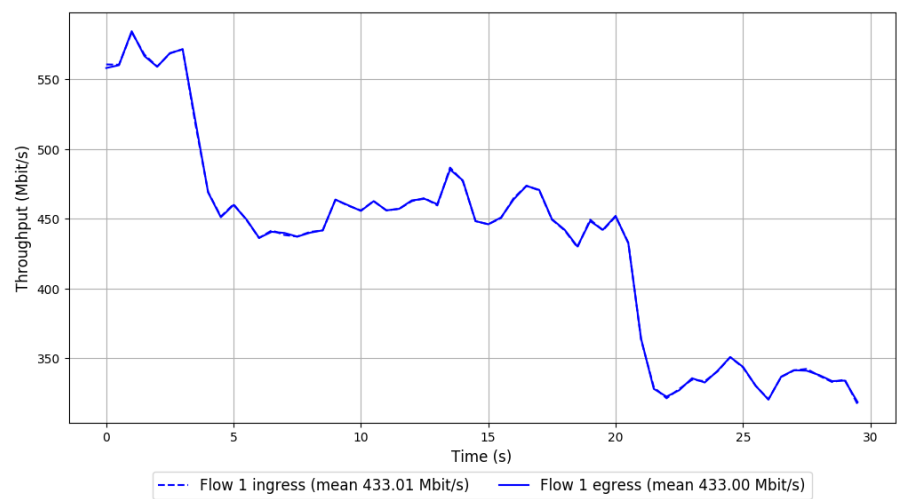
Run 7: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 514.88 Mbit/s)   Flow 1 egress (mean 514.87 Mbit/s)
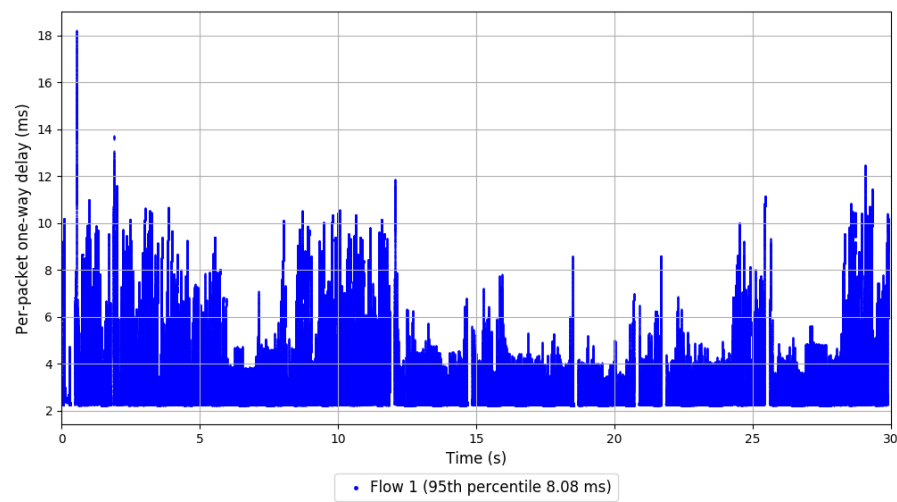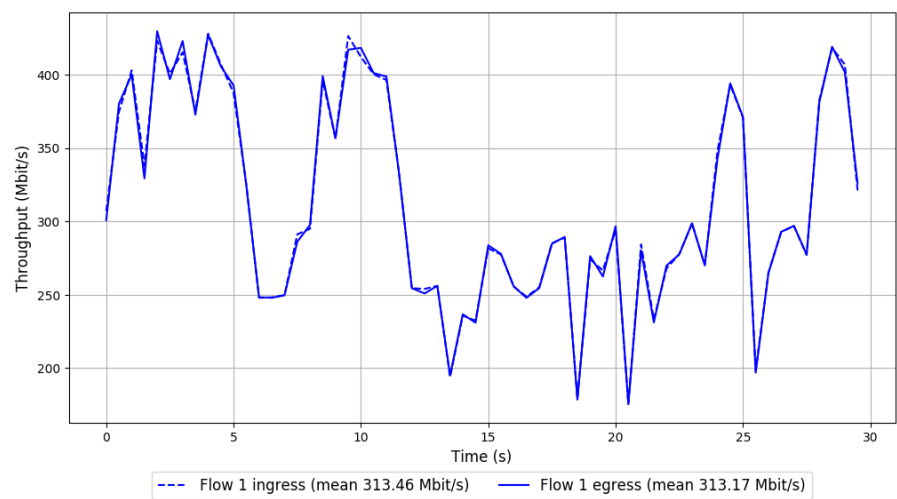

Flow 1 (95th percentile 3.21 ms)

```
Run 8: Statistics of TCP Vegas

Start at: 2017-11-30 14:09:56
End at: 2017-11-30 14:10:26
Local clock offset: 1.329 ms
Remote clock offset: -0.03 ms


# Below is generated by plot.py at 2017-11-30 17:36:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 530.28 Mbit/s
95th percentile per-packet one-way delay: 2.766 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 530.28 Mbit/s
95th percentile per-packet one-way delay: 2.766 ms
Loss rate: 0.00%
```

Run 8: Report of TCP Vegas — Data Link

```
Run 9: Statistics of TCP Vegas

Start at: 2017-11-30 14:28:05
End at: 2017-11-30 14:28:35
Local clock offset: 1.141 ms
Remote clock offset: -0.045 ms


# Below is generated by plot.py at 2017-11-30 17:37:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 425.93 Mbit/s
95th percentile per-packet one-way delay: 2.795 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 425.93 Mbit/s
95th percentile per-packet one-way delay: 2.795 ms
Loss rate: 0.00%
```

Run 9: Report of TCP Vegas — Data Link

```
Run 10: Statistics of TCP Vegas

Start at: 2017-11-30 14:46:00
End at: 2017-11-30 14:46:30
Local clock offset: 1.148 ms
Remote clock offset: -0.037 ms


# Below is generated by plot.py at 2017-11-30 17:37:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 433.00 Mbit/s
95th percentile per-packet one-way delay: 2.709 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 433.00 Mbit/s
95th percentile per-packet one-way delay: 2.709 ms
Loss rate: 0.00%
```

Run 10: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 433.01 Mbit/s) ---- Flow 1 egress (mean 433.00 Mbit/s)

Flow 1 (95th percentile 2.71 ms)
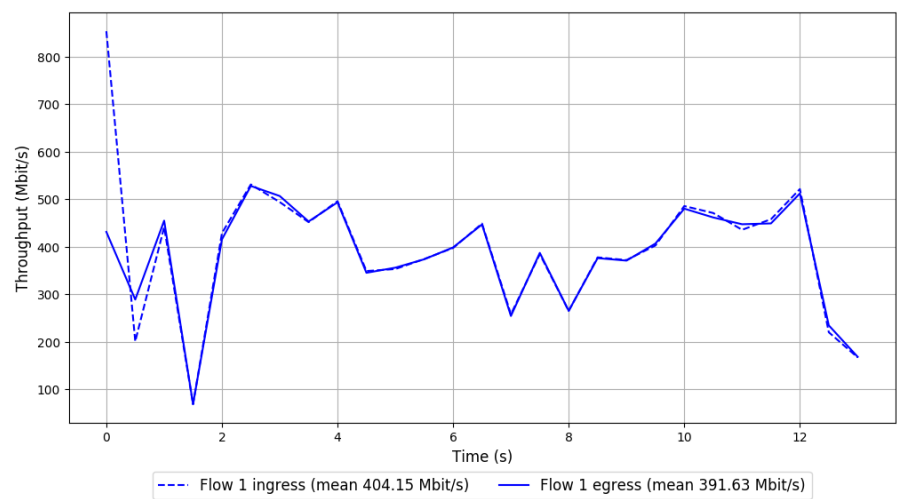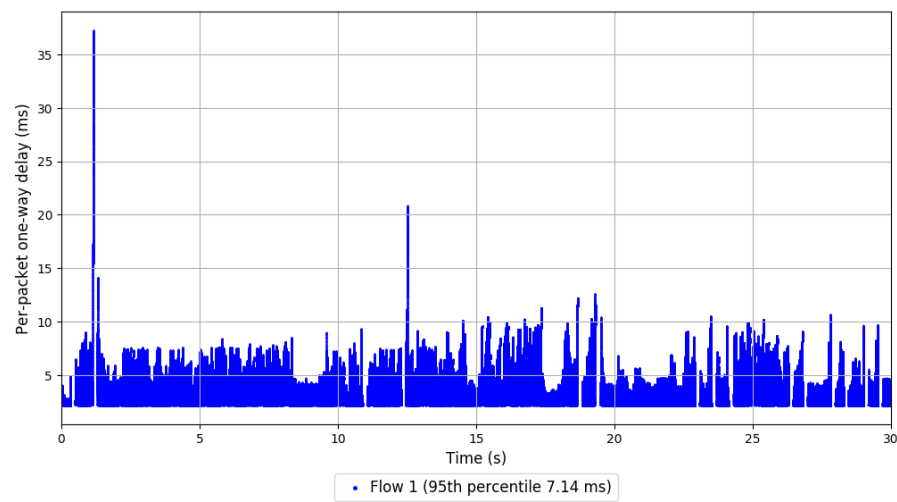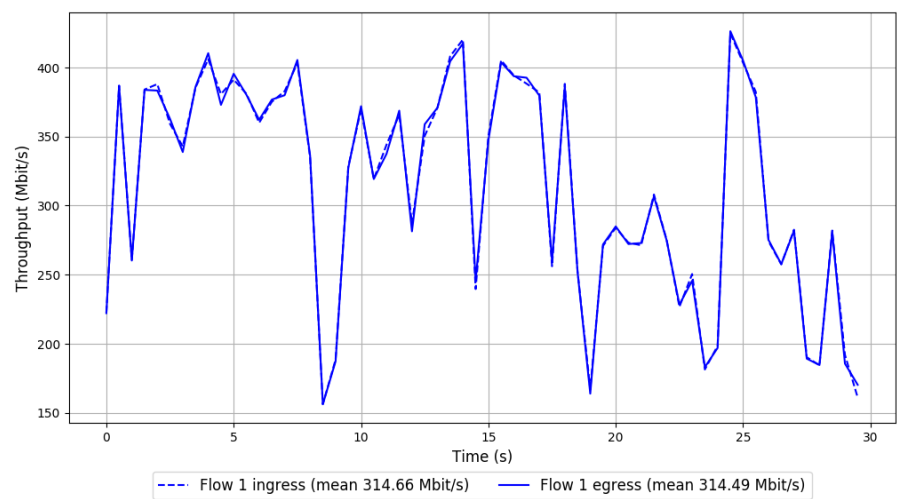
```
Run 1: Statistics of Verus

Start at: 2017-11-30 11:54:01
End at: 2017-11-30 11:54:31
Local clock offset: 1.05 ms
Remote clock offset: -0.142 ms
```
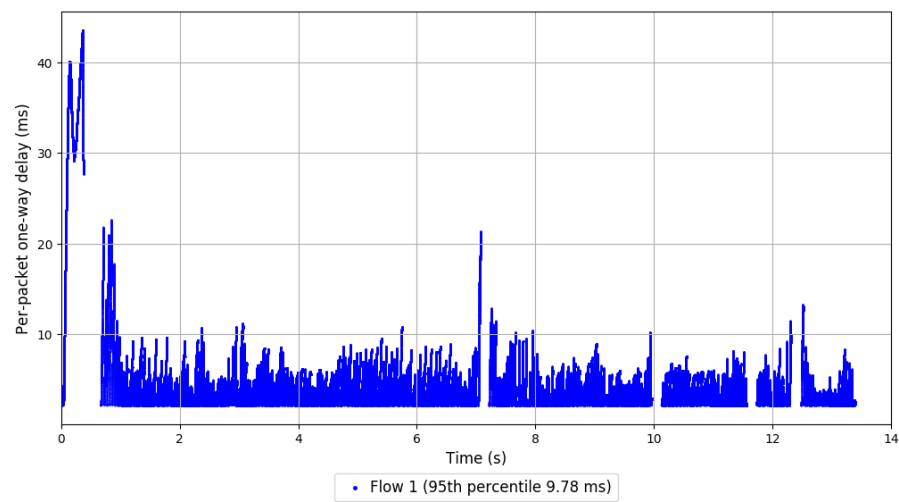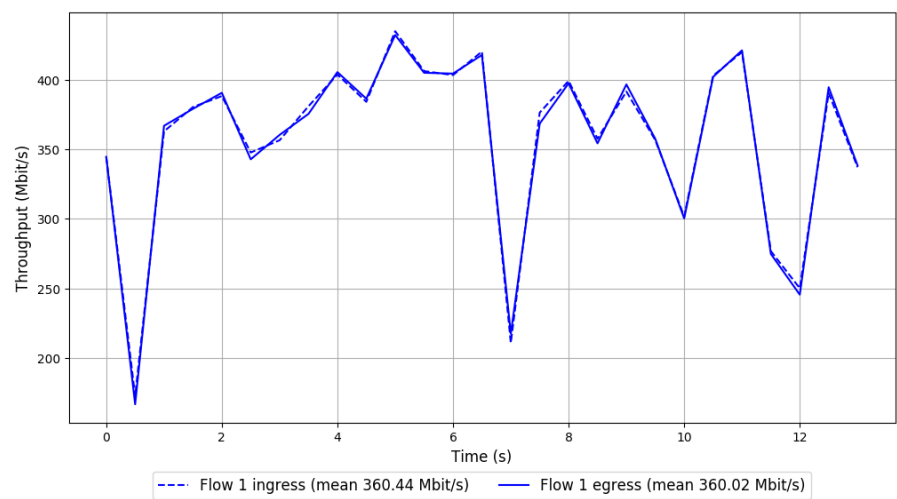
Run 1: Report of Verus — Data Link

```
Run 2: Statistics of Verus

Start at: 2017-11-30 12:11:52
End at: 2017-11-30 12:12:22
Local clock offset: 1.066 ms
Remote clock offset: -0.213 ms


# Below is generated by plot.py at 2017-11-30 17:37:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 313.17 Mbit/s
95th percentile per-packet one-way delay: 8.080 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 313.17 Mbit/s
95th percentile per-packet one-way delay: 8.080 ms
Loss rate: 0.07%
```

Run 2: Report of Verus — Data Link

```
Run 3: Statistics of Verus

Start at: 2017-11-30 12:29:49
End at: 2017-11-30 12:30:19
Local clock offset: 1.318 ms
Remote clock offset: -0.111 ms
```

Run 3: Report of Verus — Data Link
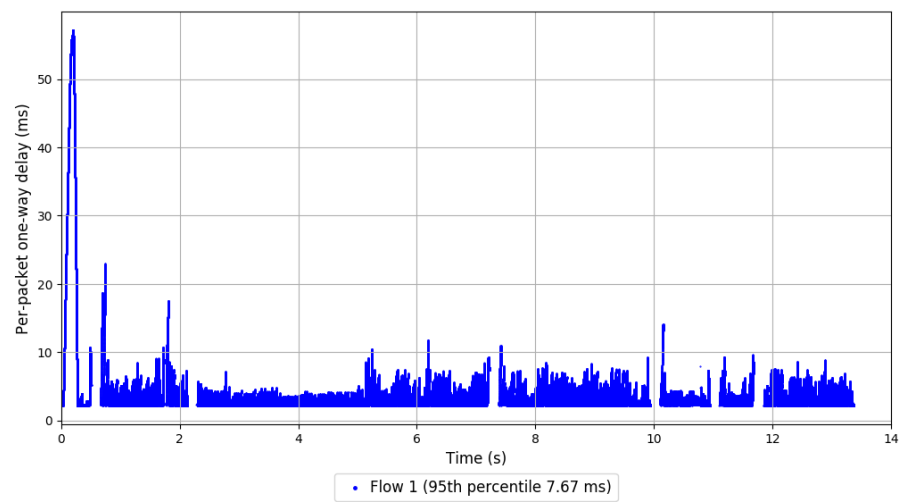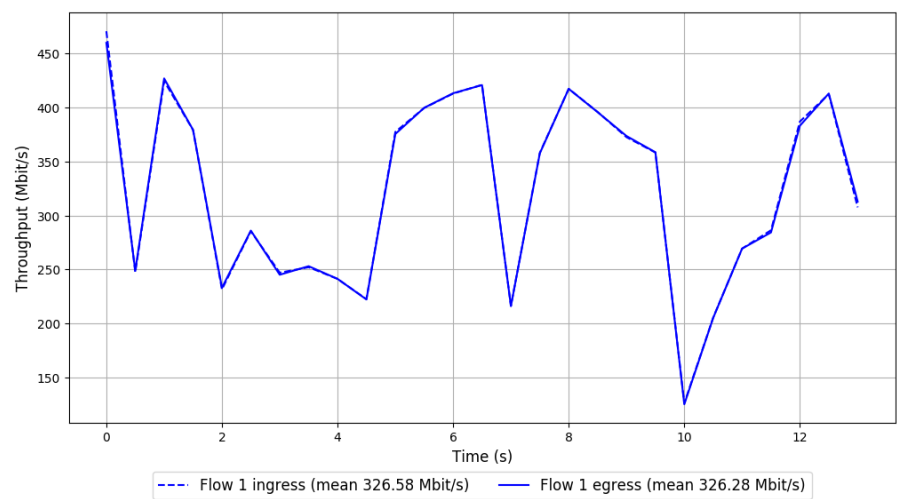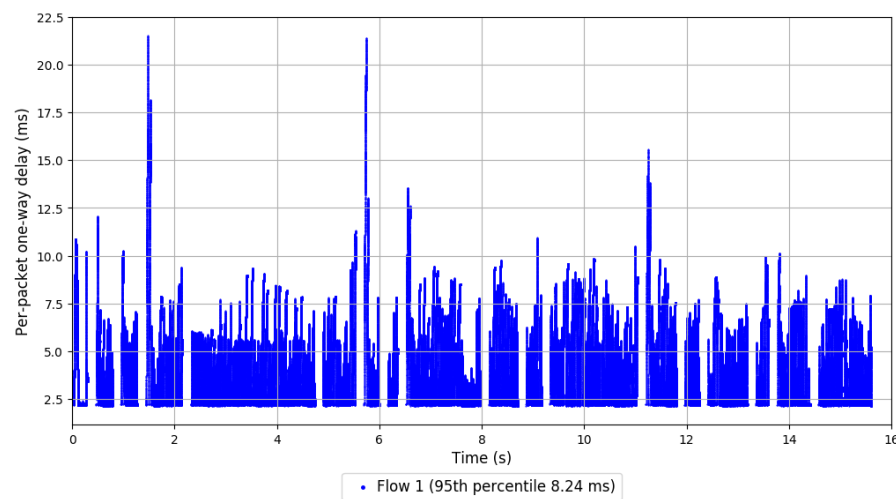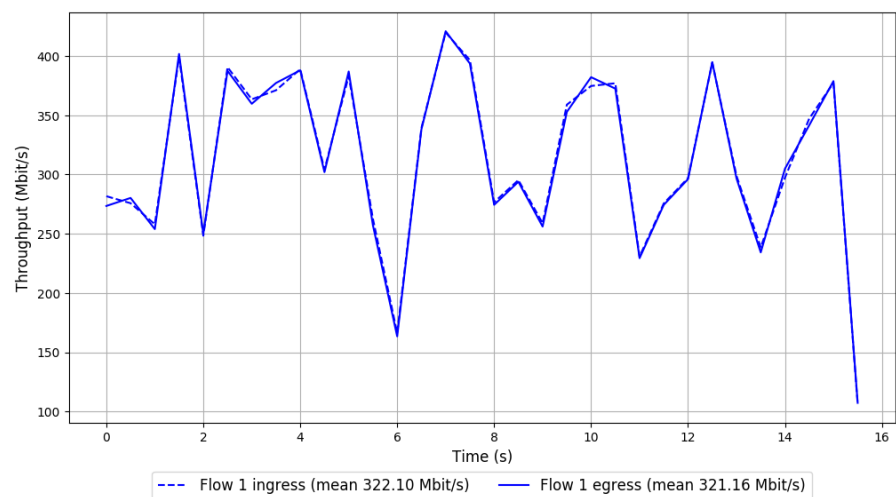
```
Run 4: Statistics of Verus

Start at: 2017-11-30 12:47:48
End at: 2017-11-30 12:48:18
Local clock offset: 1.643 ms
Remote clock offset: 0.016 ms
```
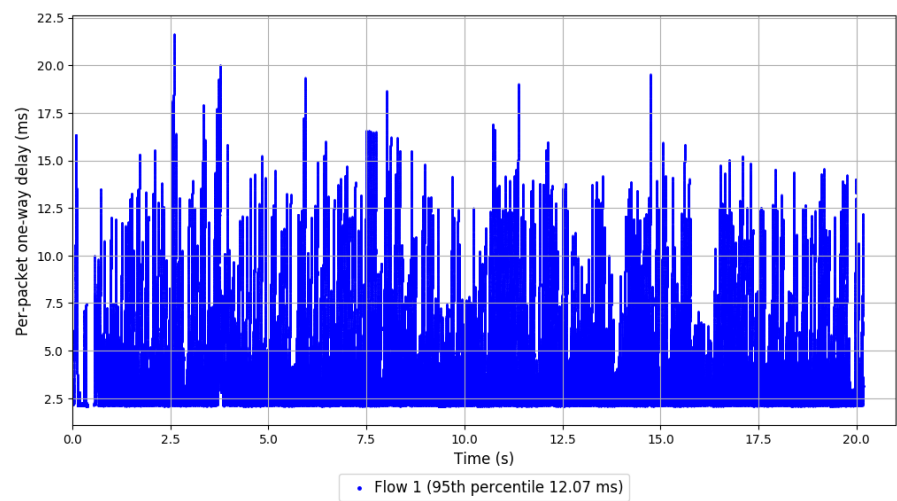
Run 4: Report of Verus — Data Link
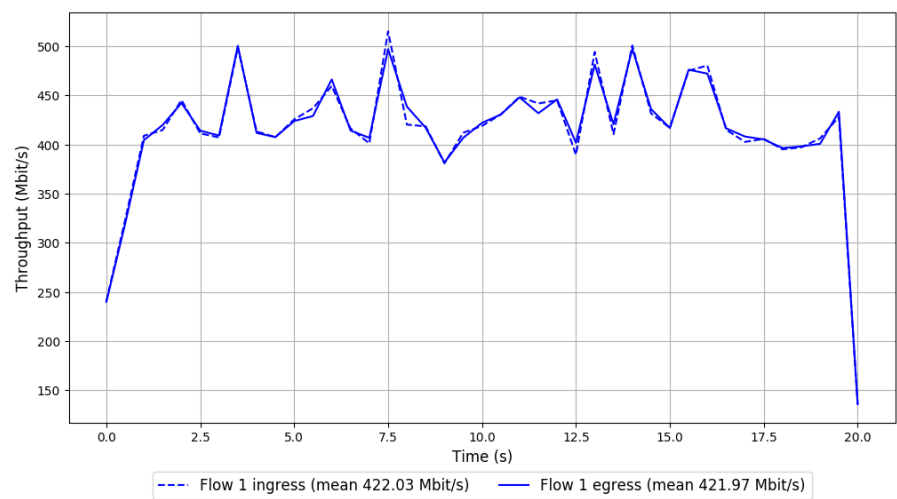
```
Run 5: Statistics of Verus

Start at: 2017-11-30 13:05:47
End at: 2017-11-30 13:06:17
Local clock offset: 1.399 ms
Remote clock offset: 0.019 ms


# Below is generated by plot.py at 2017-11-30 17:37:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 314.49 Mbit/s
95th percentile per-packet one-way delay: 7.144 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 314.49 Mbit/s
95th percentile per-packet one-way delay: 7.144 ms
Loss rate: 0.05%
```

Run 5: Report of Verus — Data Link

Flow 1 ingress (mean 314.66 Mbit/s) — Flow 1 egress (mean 314.49 Mbit/s)
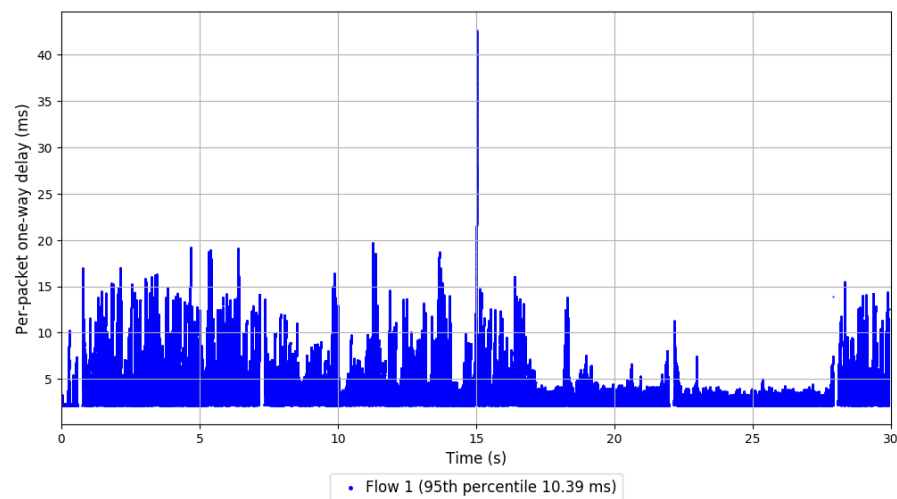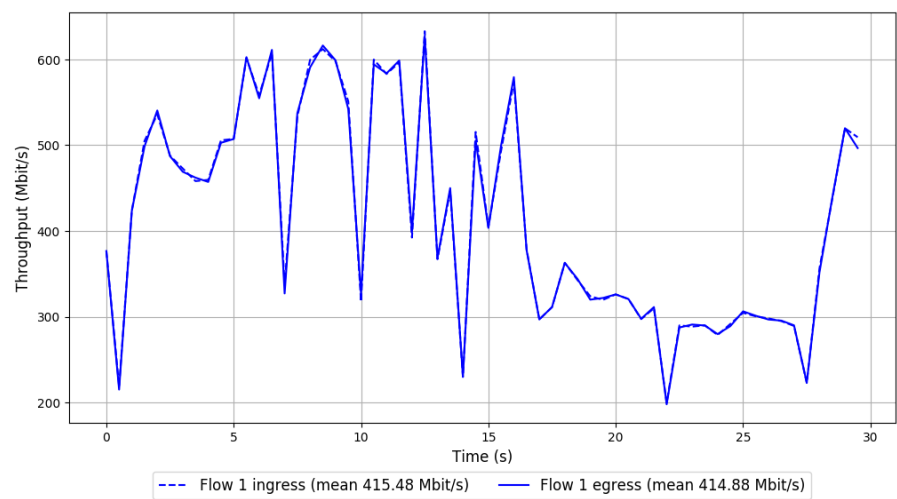

Flow 1 (95th percentile 7.14 ms)

```
Run 6: Statistics of Verus

Start at: 2017-11-30 13:23:55
End at: 2017-11-30 13:24:25
Local clock offset: 1.265 ms
Remote clock offset: 0.042 ms
```

Run 6: Report of Verus — Data Link

Flow 1 ingress (mean 360.44 Mbit/s) Flow 1 egress (mean 360.02 Mbit/s)

Flow 1 (95th percentile 9.78 ms)

```
Run 7: Statistics of Verus

Start at: 2017-11-30 13:41:54
End at: 2017-11-30 13:42:24
Local clock offset: 1.293 ms
Remote clock offset: 0.017 ms
```

Run 7: Report of Verus — Data Link

```
Run 8: Statistics of Verus

Start at: 2017-11-30 13:59:56
End at: 2017-11-30 14:00:26
Local clock offset: 1.413 ms
Remote clock offset: 0.011 ms
```

Run 8: Report of Verus — Data Link

```
Run 9: Statistics of Verus

Start at: 2017-11-30 14:18:04
End at: 2017-11-30 14:18:34
Local clock offset: 1.277 ms
Remote clock offset: -0.085 ms
```

Run 9: Report of Verus — Data Link

```
Run 10: Statistics of Verus

Start at: 2017-11-30 14:35:51
End at: 2017-11-30 14:36:21
Local clock offset: 1.181 ms
Remote clock offset: -0.049 ms


# Below is generated by plot.py at 2017-11-30 17:42:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 414.88 Mbit/s
95th percentile per-packet one-way delay: 10.393 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 414.88 Mbit/s
95th percentile per-packet one-way delay: 10.393 ms
Loss rate: 0.13%
```
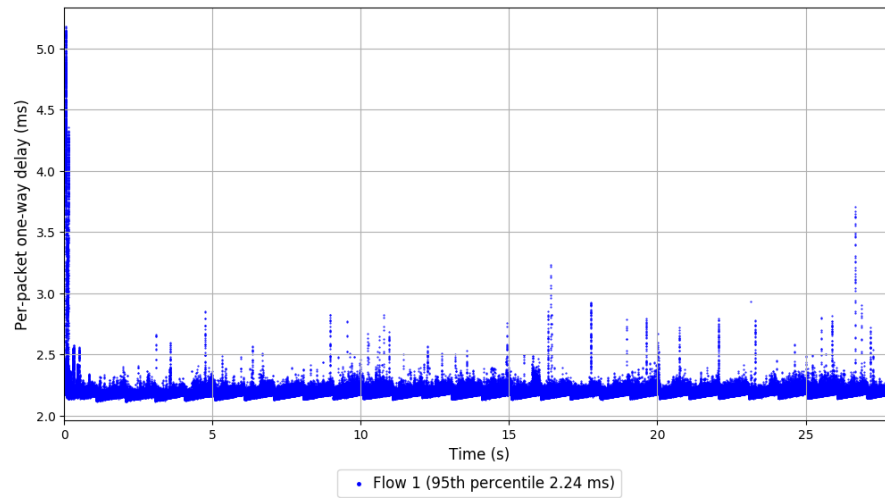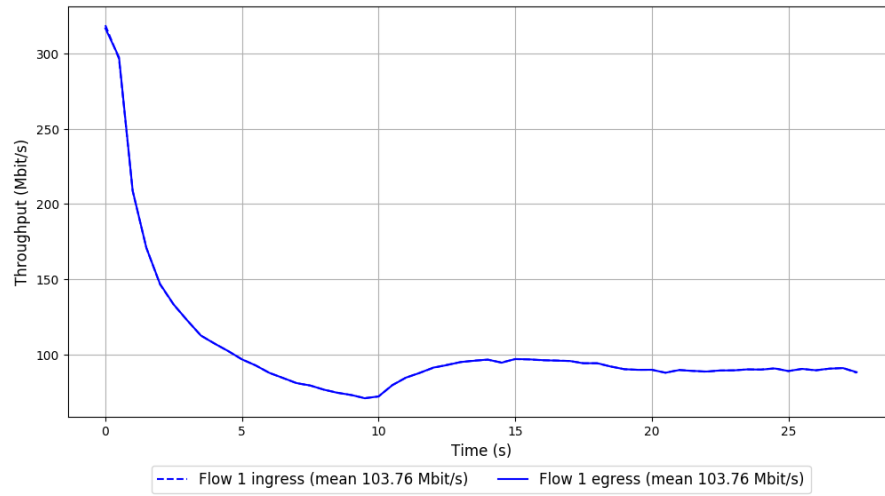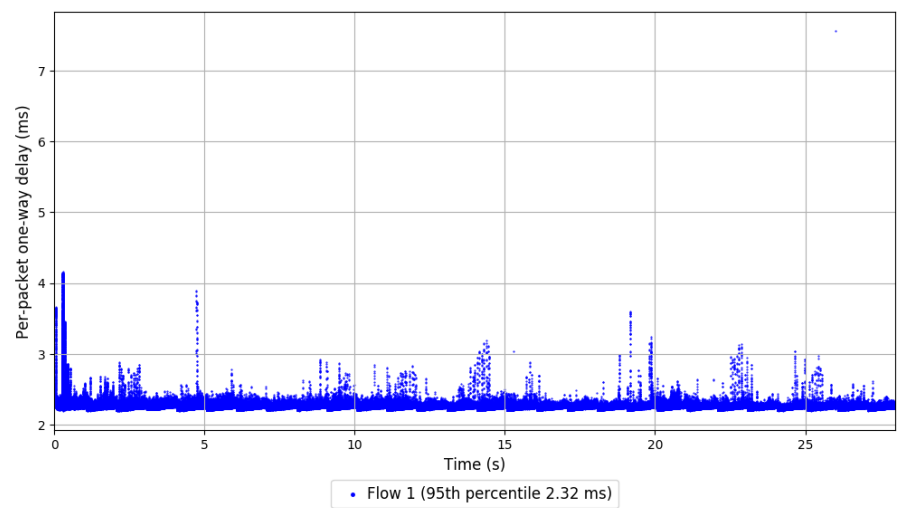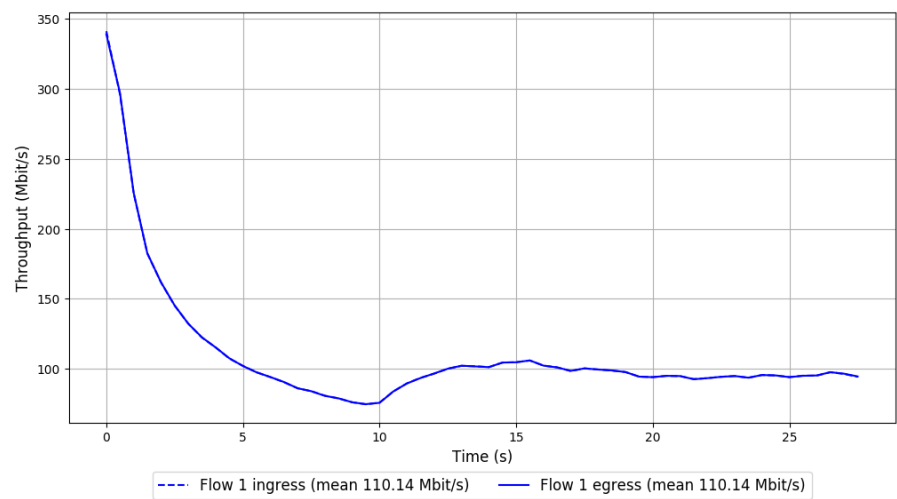
Run 10: Report of Verus — Data Link

```
Run 1: Statistics of Copa

Start at: 2017-11-30 11:48:38
End at: 2017-11-30 11:49:08
Local clock offset: 1.068 ms
Remote clock offset: 0.011 ms


# Below is generated by plot.py at 2017-11-30 17:42:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 103.76 Mbit/s
95th percentile per-packet one-way delay: 2.240 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 103.76 Mbit/s
95th percentile per-packet one-way delay: 2.240 ms
Loss rate: 0.00%
```
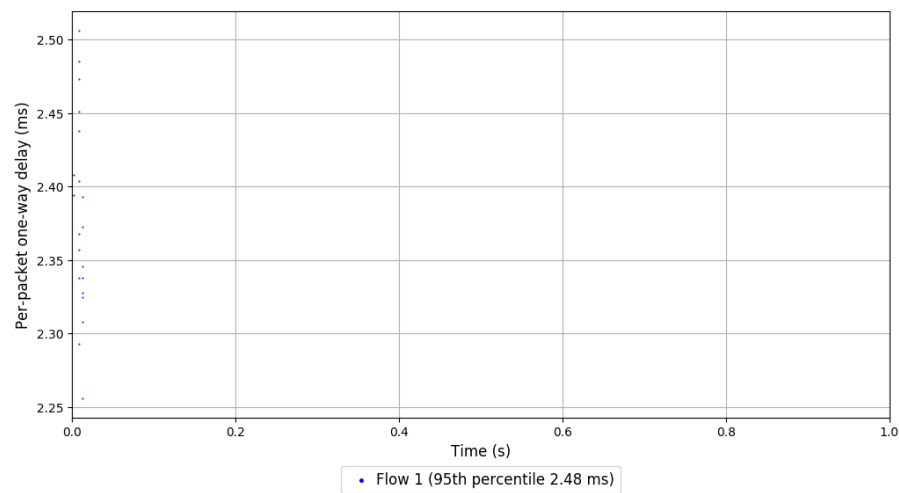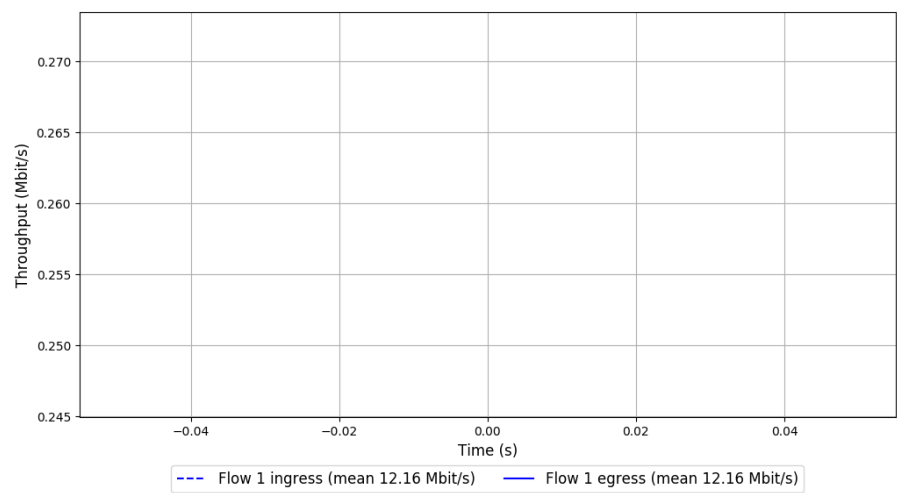
Run 1: Report of Copa — Data Link

Flow 1 ingress (mean 103.76 Mbit/s)   Flow 1 egress (mean 103.76 Mbit/s)
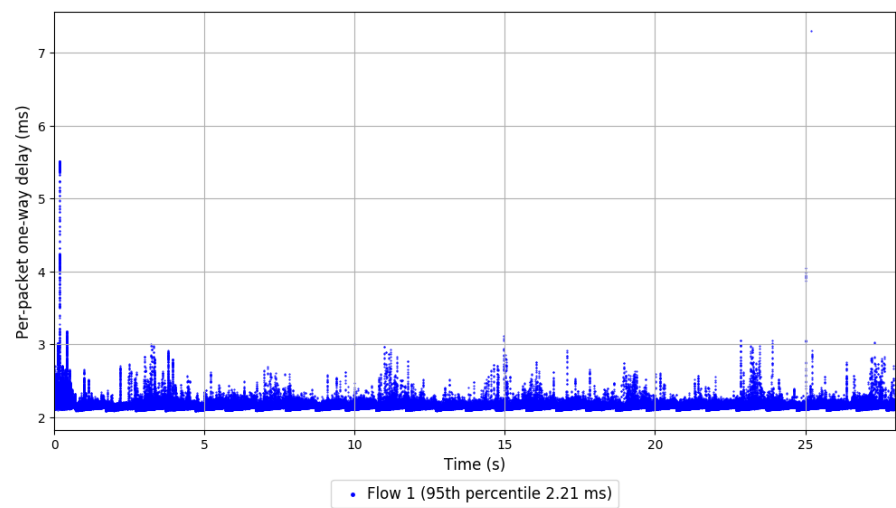

Flow 1 (95th percentile 2.24 ms)

```
Run 2: Statistics of Copa

Start at: 2017-11-30 12:06:27
End at: 2017-11-30 12:06:57
Local clock offset: 1.03 ms
Remote clock offset: -0.311 ms


# Below is generated by plot.py at 2017-11-30 17:42:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 110.14 Mbit/s
95th percentile per-packet one-way delay: 2.320 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 110.14 Mbit/s
95th percentile per-packet one-way delay: 2.320 ms
Loss rate: 0.00%
```

Run 2: Report of Copa — Data Link

```
Run 3: Statistics of Copa

Start at: 2017-11-30 12:24:32
End at: 2017-11-30 12:25:02
Local clock offset: 1.23 ms
Remote clock offset: -0.075 ms
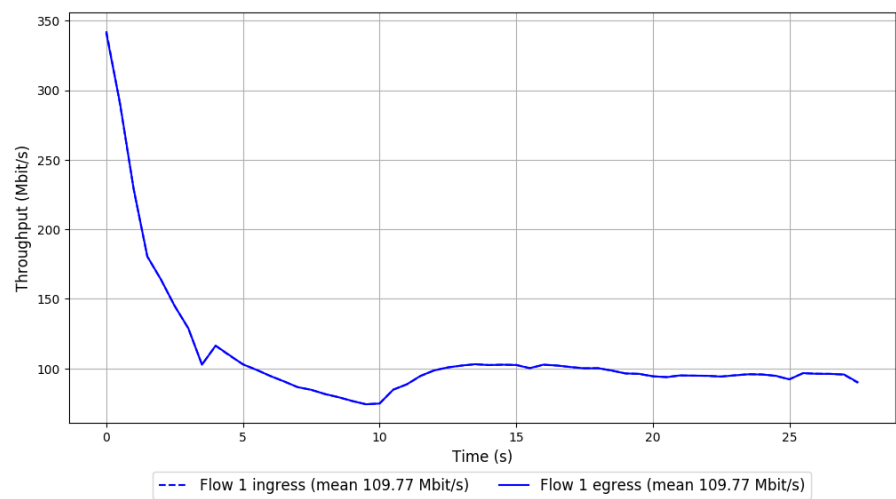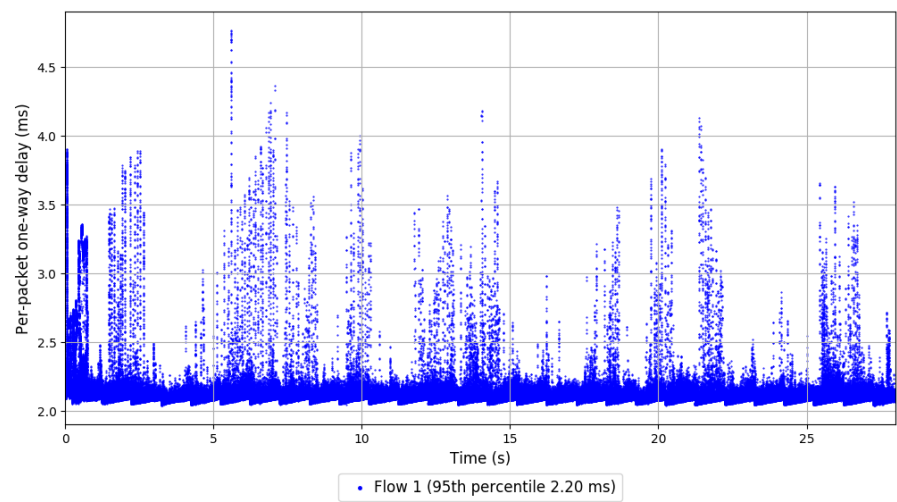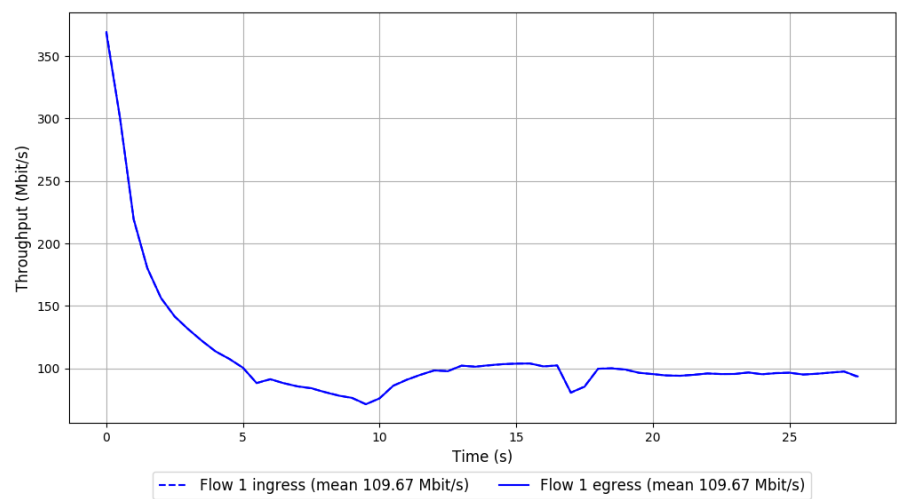```

# Run 3: Report of Copa — Data Link



Flow 1 ingress (mean 12.16 Mbit/s)     Flow 1 egress (mean 12.16 Mbit/s)



Flow 1 (95th percentile 2.48 ms)

```
Run 4: Statistics of Copa

Start at: 2017-11-30 12:42:24
End at: 2017-11-30 12:42:54
Local clock offset: 1.512 ms
Remote clock offset: -0.062 ms


# Below is generated by plot.py at 2017-11-30 17:42:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 109.77 Mbit/s
95th percentile per-packet one-way delay: 2.209 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 109.77 Mbit/s
95th percentile per-packet one-way delay: 2.209 ms
Loss rate: 0.00%
```

Run 4: Report of Copa — Data Link

Flow 1 ingress (mean 109.77 Mbit/s)   Flow 1 egress (mean 109.77 Mbit/s)

Flow 1 (95th percentile 2.21 ms)

```
Run 5: Statistics of Copa

Start at: 2017-11-30 13:00:27
End at: 2017-11-30 13:00:57
Local clock offset: 1.504 ms
Remote clock offset: -0.045 ms


# Below is generated by plot.py at 2017-11-30 17:42:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 109.67 Mbit/s
95th percentile per-packet one-way delay: 2.203 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 109.67 Mbit/s
95th percentile per-packet one-way delay: 2.203 ms
Loss rate: 0.00%
```
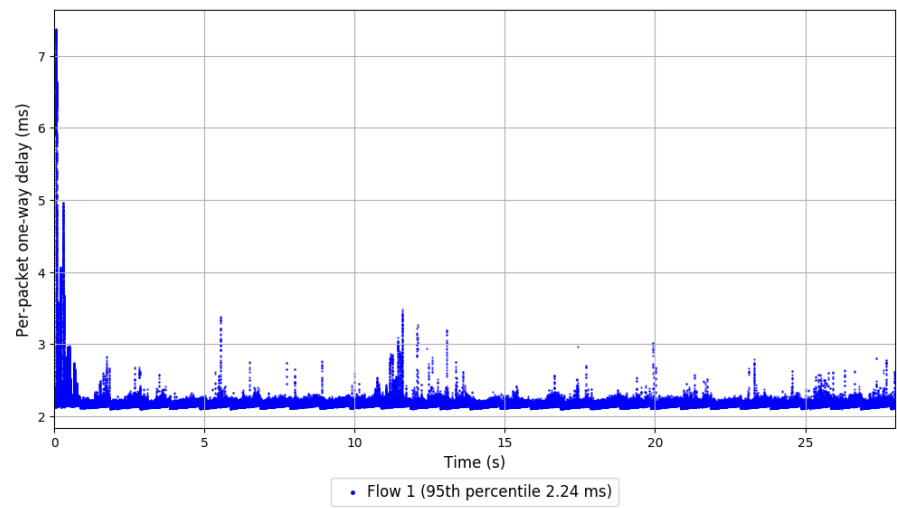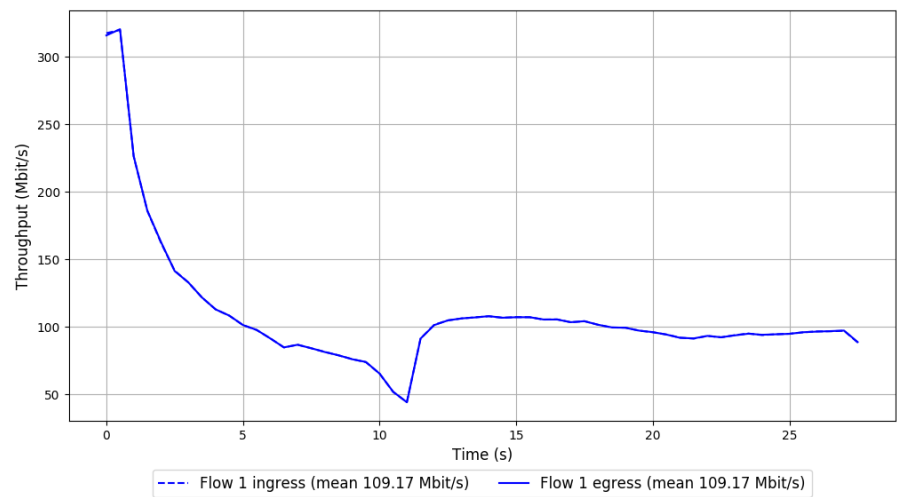
Run 5: Report of Copa — Data Link

```
Run 6: Statistics of Copa

Start at: 2017-11-30 13:18:30
End at: 2017-11-30 13:19:00
Local clock offset: 1.31 ms
Remote clock offset: 0.032 ms


# Below is generated by plot.py at 2017-11-30 17:42:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 109.17 Mbit/s
95th percentile per-packet one-way delay: 2.238 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 109.17 Mbit/s
95th percentile per-packet one-way delay: 2.238 ms
Loss rate: 0.00%
```
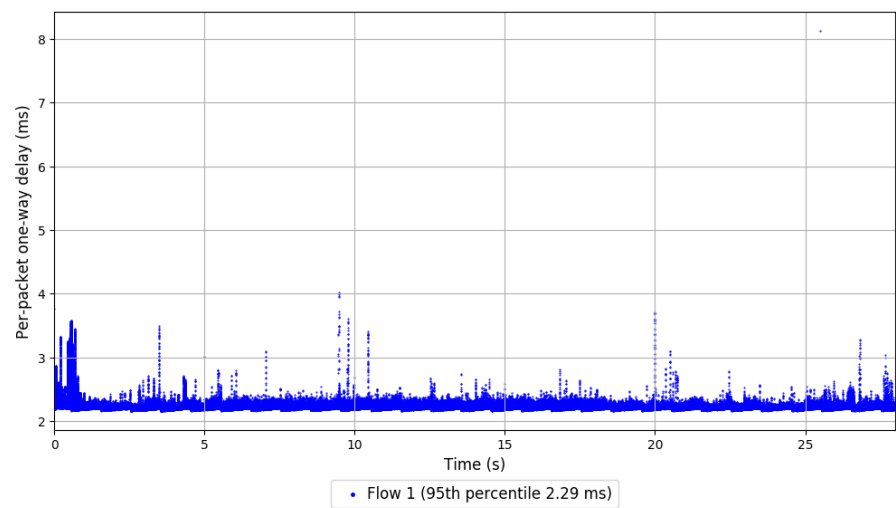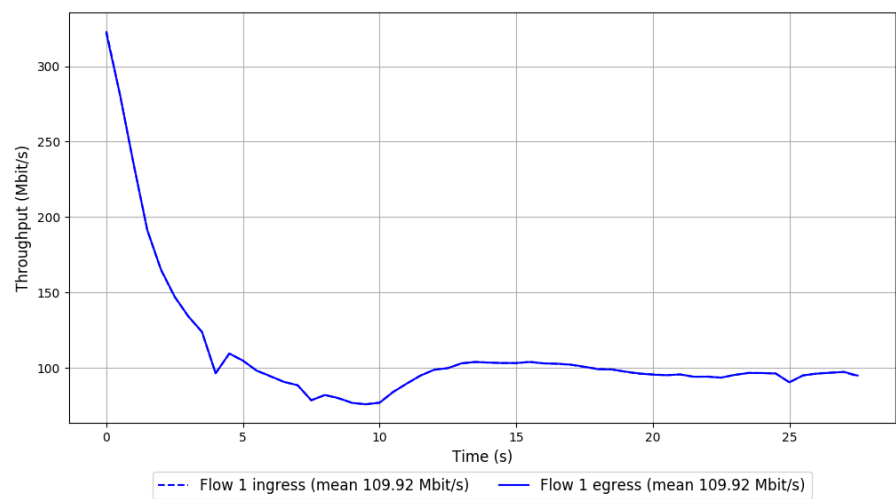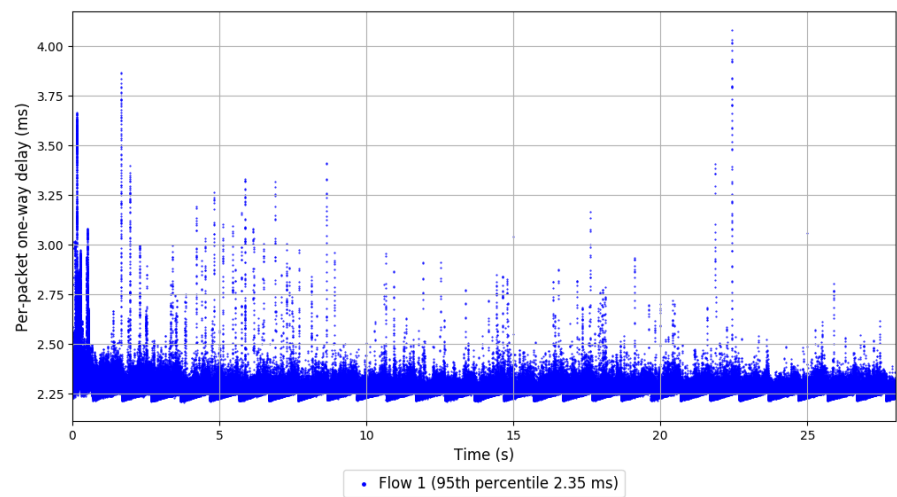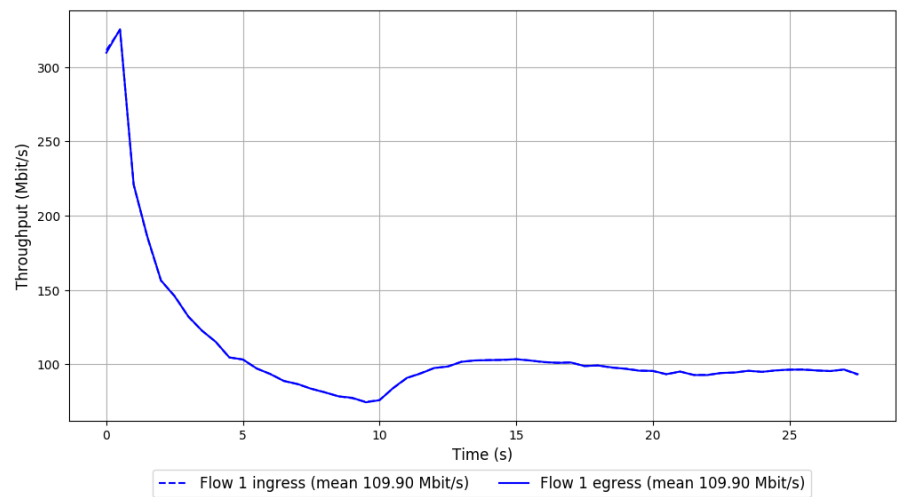
Run 6: Report of Copa — Data Link

```
Run 7: Statistics of Copa

Start at: 2017-11-30 13:36:29
End at: 2017-11-30 13:36:59
Local clock offset: 1.271 ms
Remote clock offset: 0.022 ms


# Below is generated by plot.py at 2017-11-30 17:42:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 109.92 Mbit/s
95th percentile per-packet one-way delay: 2.285 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 109.92 Mbit/s
95th percentile per-packet one-way delay: 2.285 ms
Loss rate: 0.00%
```
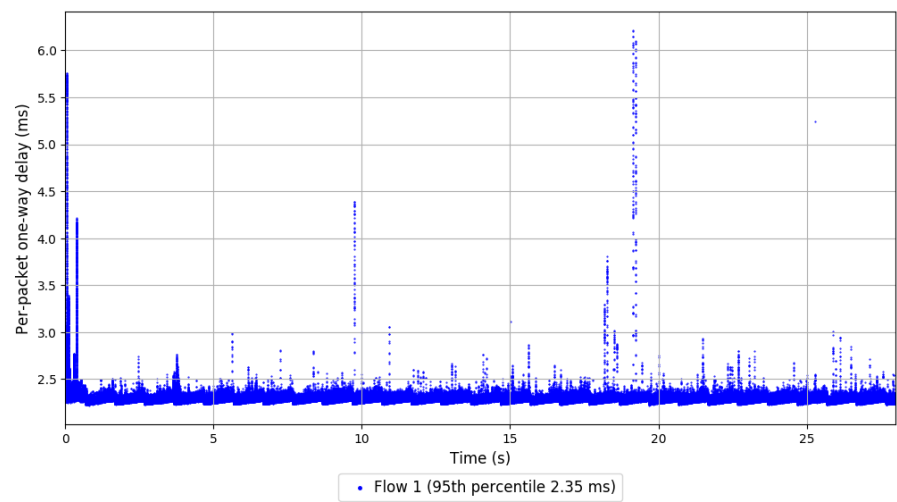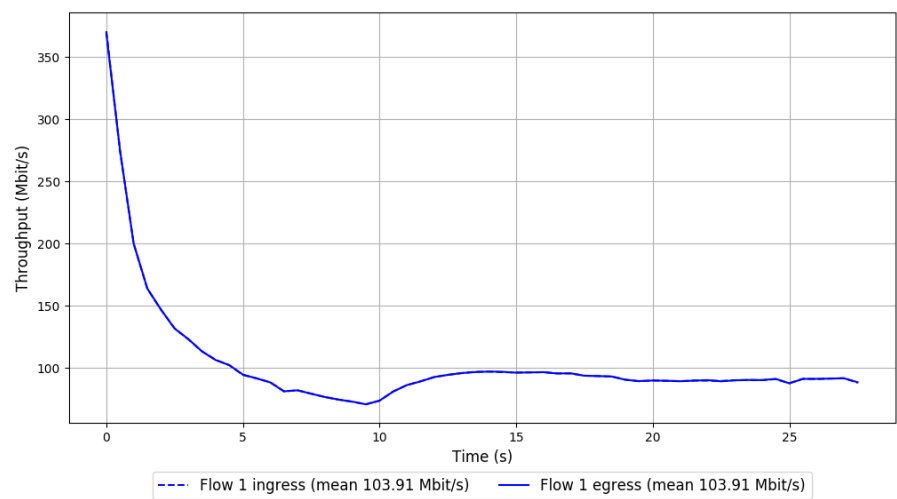
Run 7: Report of Copa — Data Link

Flow 1 ingress (mean 109.92 Mbit/s)   Flow 1 egress (mean 109.92 Mbit/s)

• Flow 1 (95th percentile 2.29 ms)

```
Run 8: Statistics of Copa

Start at: 2017-11-30 13:54:31
End at: 2017-11-30 13:55:01
Local clock offset: 1.284 ms
Remote clock offset: -0.006 ms


# Below is generated by plot.py at 2017-11-30 17:42:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 109.90 Mbit/s
95th percentile per-packet one-way delay: 2.351 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 109.90 Mbit/s
95th percentile per-packet one-way delay: 2.351 ms
Loss rate: 0.00%
```
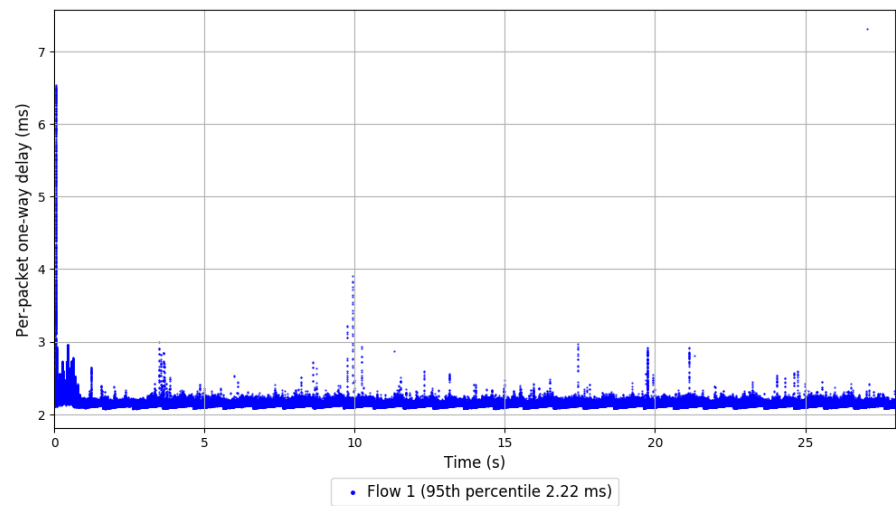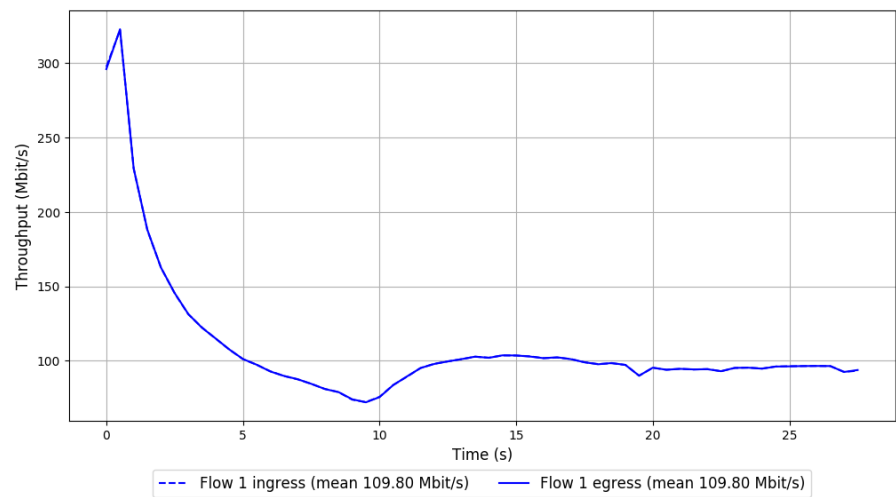
Run 8: Report of Copa — Data Link

```
Run 9: Statistics of Copa

Start at: 2017-11-30 14:12:31
End at: 2017-11-30 14:13:01
Local clock offset: 1.207 ms
Remote clock offset: -0.021 ms


# Below is generated by plot.py at 2017-11-30 17:42:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 103.91 Mbit/s
95th percentile per-packet one-way delay: 2.349 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 103.91 Mbit/s
95th percentile per-packet one-way delay: 2.349 ms
Loss rate: 0.00%
```
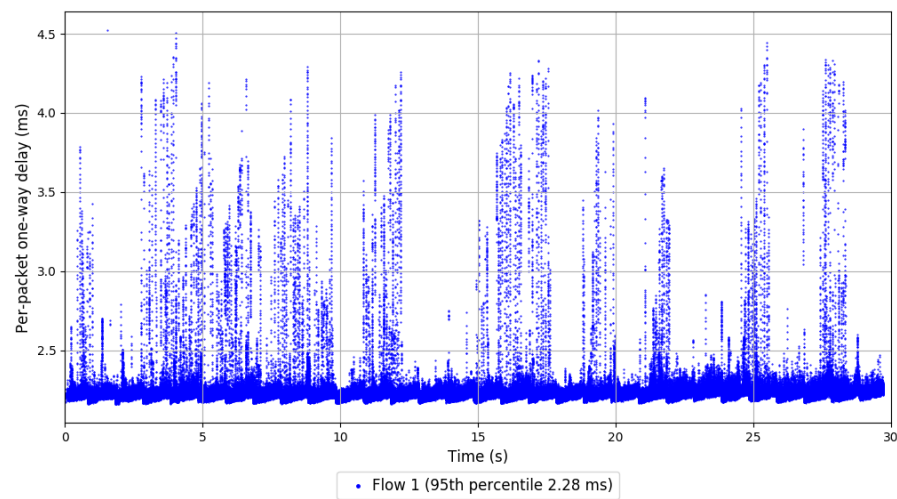
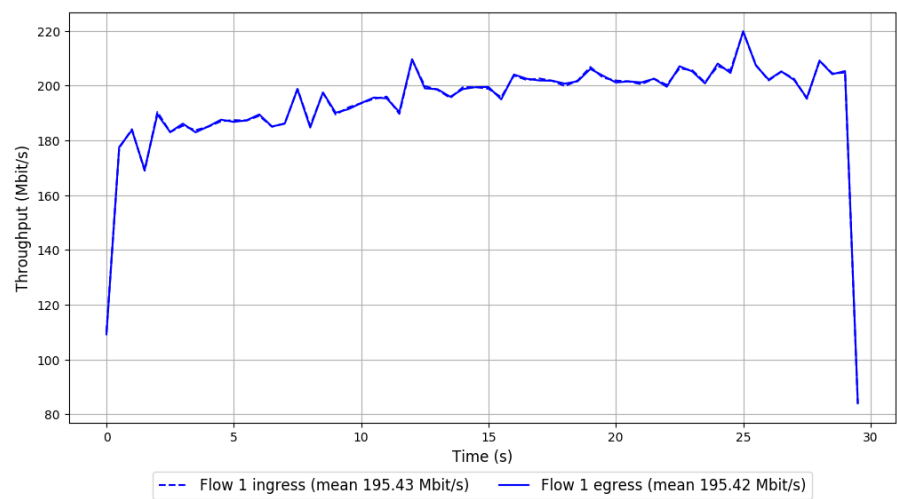## Run 9: Report of Copa — Data Link

```
Run 10: Statistics of Copa

Start at: 2017-11-30 14:30:35
End at: 2017-11-30 14:31:05
Local clock offset: 1.173 ms
Remote clock offset: -0.105 ms


# Below is generated by plot.py at 2017-11-30 17:42:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 109.80 Mbit/s
95th percentile per-packet one-way delay: 2.223 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 109.80 Mbit/s
95th percentile per-packet one-way delay: 2.223 ms
Loss rate: 0.00%
```

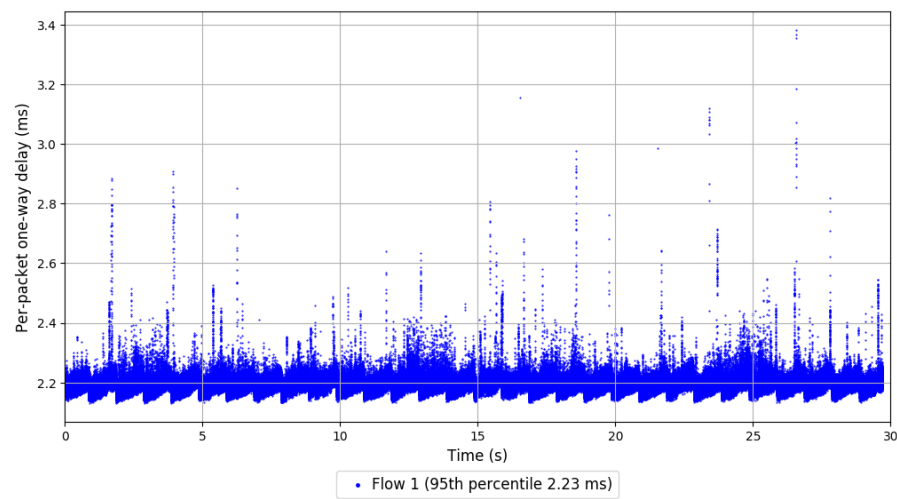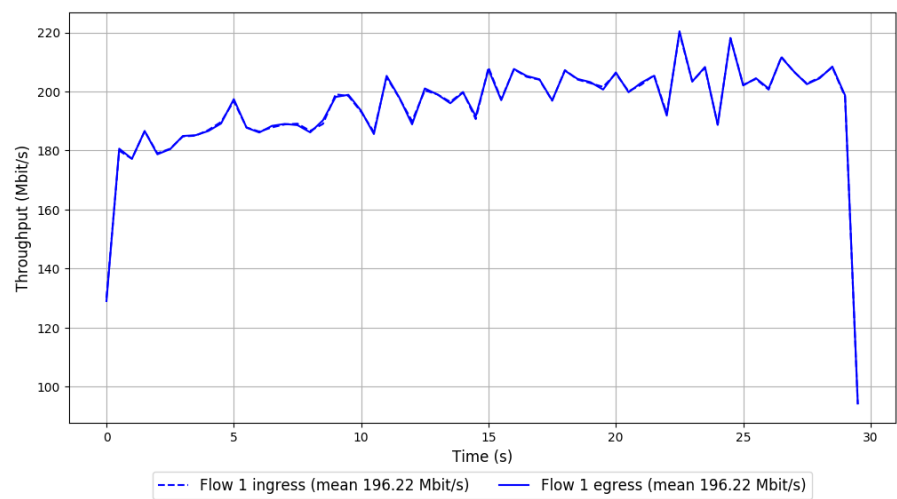# Run 10: Report of Copa — Data Link

Flow 1 ingress (mean 109.80 Mbit/s)   Flow 1 egress (mean 109.80 Mbit/s)

Flow 1 (95th percentile 2.22 ms)

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```
Run 1: Statistics of Indigo

Start at: 2017-11-30 12:01:26
End at: 2017-11-30 12:01:56
Local clock offset: 0.999 ms
Remote clock offset: -0.325 ms


# Below is generated by plot.py at 2017-11-30 17:43:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 195.42 Mbit/s
95th percentile per-packet one-way delay: 2.279 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 195.42 Mbit/s
95th percentile per-packet one-way delay: 2.279 ms
Loss rate: 0.00%
```

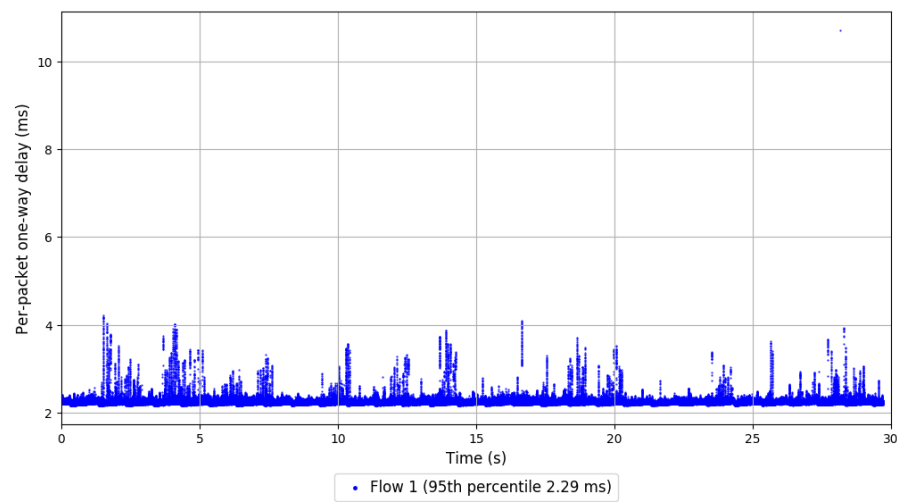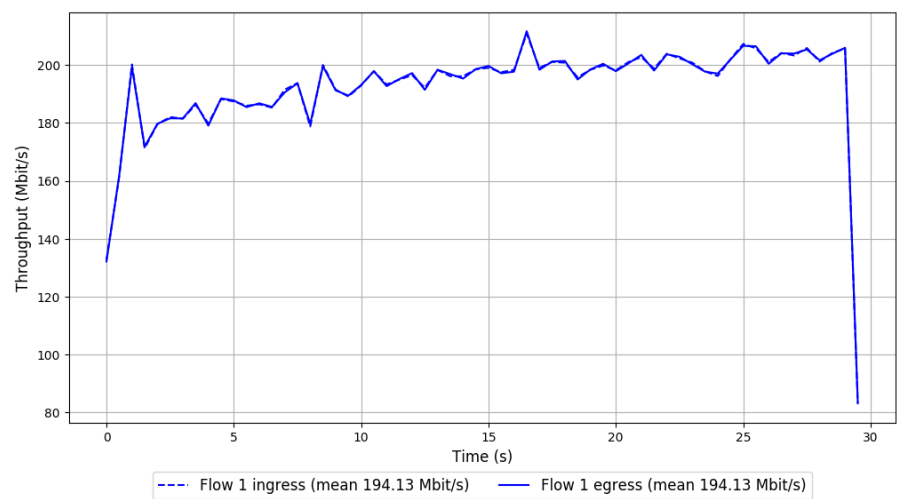Run 1: Report of Indigo — Data Link

```
Run 2: Statistics of Indigo

Start at: 2017-11-30 12:19:27
End at: 2017-11-30 12:19:57
Local clock offset: 1.209 ms
Remote clock offset: -0.128 ms


# Below is generated by plot.py at 2017-11-30 17:43:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 196.22 Mbit/s
95th percentile per-packet one-way delay: 2.235 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 196.22 Mbit/s
95th percentile per-packet one-way delay: 2.235 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo — Data Link

```
Run 3: Statistics of Indigo

Start at: 2017-11-30 12:37:16
End at: 2017-11-30 12:37:46
Local clock offset: 1.429 ms
Remote clock offset: -0.003 ms


# Below is generated by plot.py at 2017-11-30 17:43:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 194.13 Mbit/s
95th percentile per-packet one-way delay: 2.291 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 194.13 Mbit/s
95th percentile per-packet one-way delay: 2.291 ms
Loss rate: 0.00%
```
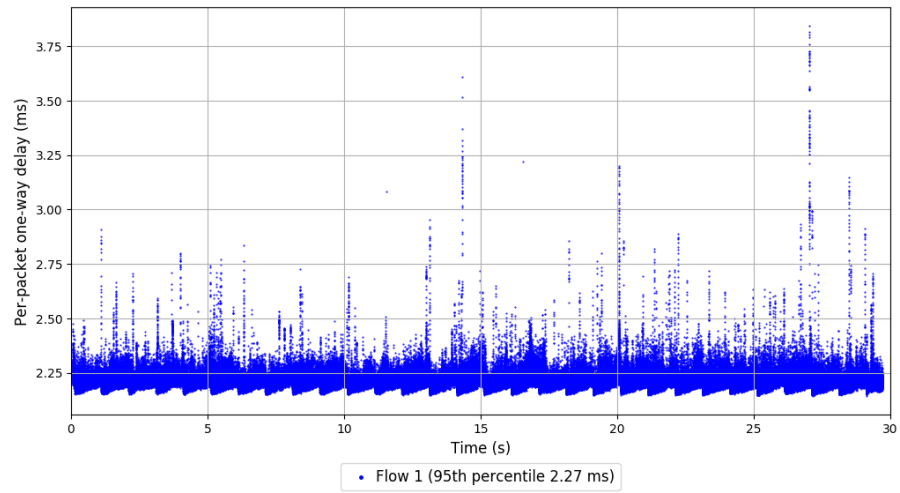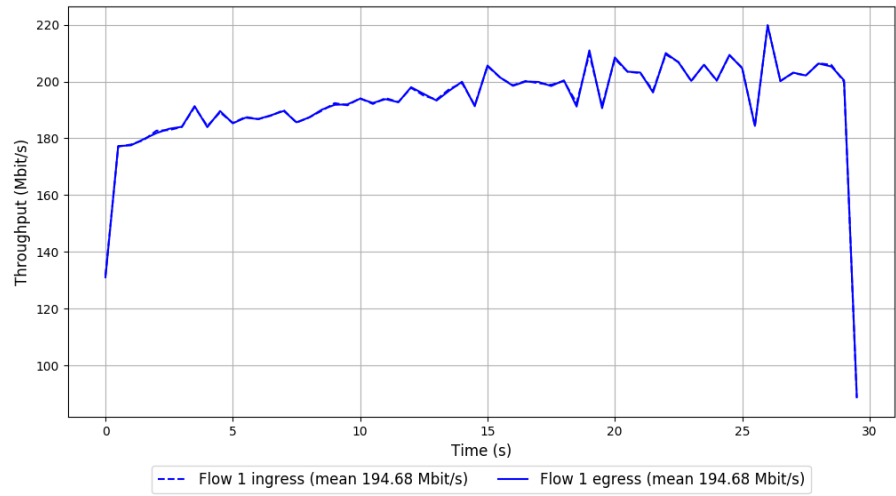
Run 3: Report of Indigo — Data Link

```
Run 4: Statistics of Indigo

Start at: 2017-11-30 12:55:19
End at: 2017-11-30 12:55:49
Local clock offset: 1.581 ms
Remote clock offset: 0.039 ms


# Below is generated by plot.py at 2017-11-30 17:43:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 194.68 Mbit/s
95th percentile per-packet one-way delay: 2.266 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 194.68 Mbit/s
95th percentile per-packet one-way delay: 2.266 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo — Data Link

```
Run 5: Statistics of Indigo

Start at: 2017-11-30 13:13:27
End at: 2017-11-30 13:13:57
Local clock offset: 1.236 ms
Remote clock offset: -0.048 ms


# Below is generated by plot.py at 2017-11-30 17:44:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 189.83 Mbit/s
95th percentile per-packet one-way delay: 2.237 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 189.83 Mbit/s
95th percentile per-packet one-way delay: 2.237 ms
Loss rate: 0.00%
```
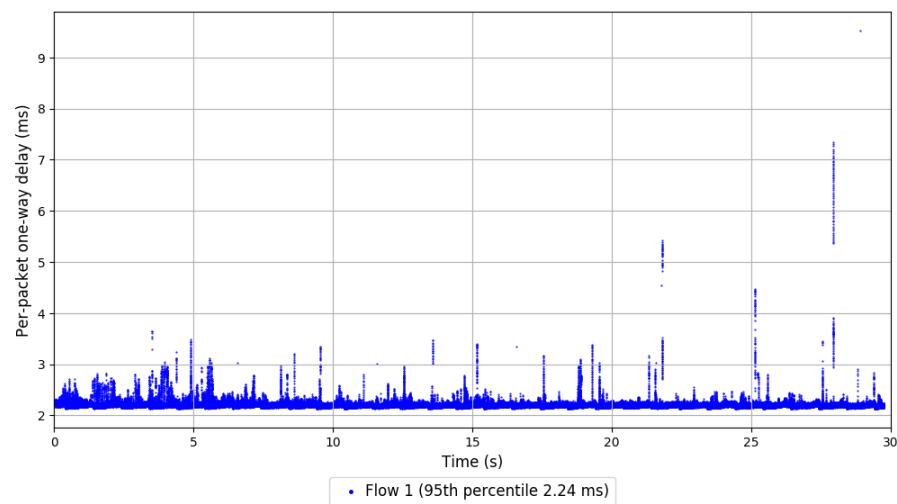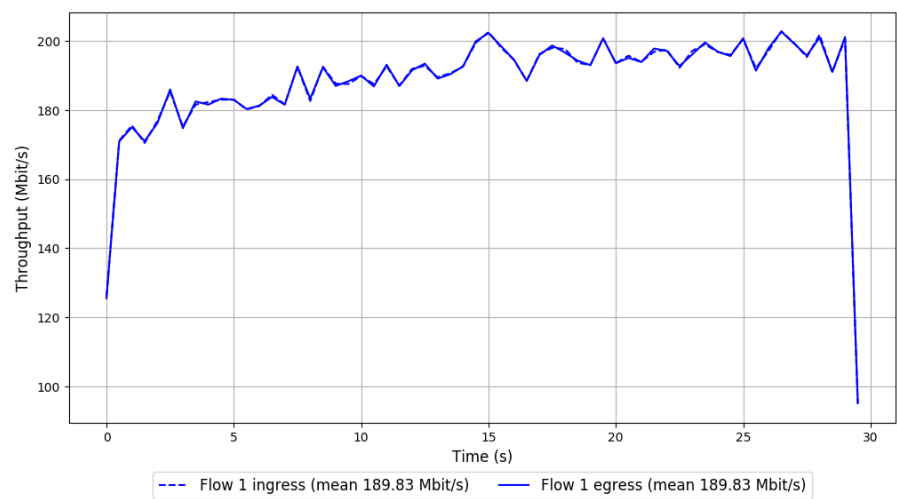
Run 5: Report of Indigo — Data Link

```
Run 6: Statistics of Indigo

Start at: 2017-11-30 13:31:24
End at: 2017-11-30 13:31:54
Local clock offset: 1.308 ms
Remote clock offset: 0.026 ms


# Below is generated by plot.py at 2017-11-30 17:44:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 193.54 Mbit/s
95th percentile per-packet one-way delay: 2.219 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 193.54 Mbit/s
95th percentile per-packet one-way delay: 2.219 ms
Loss rate: 0.00%
```
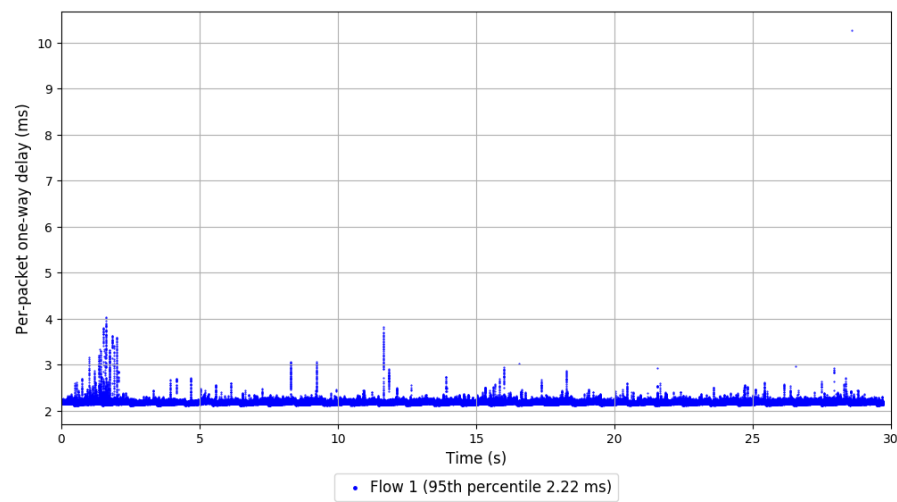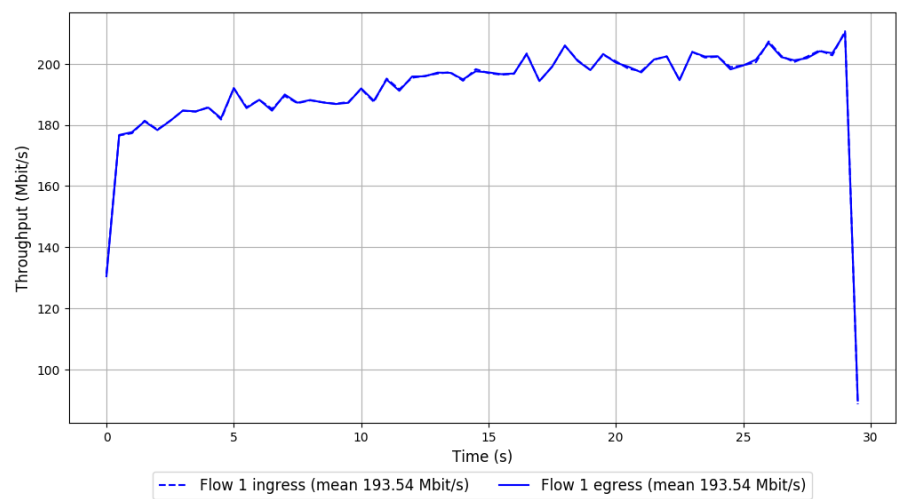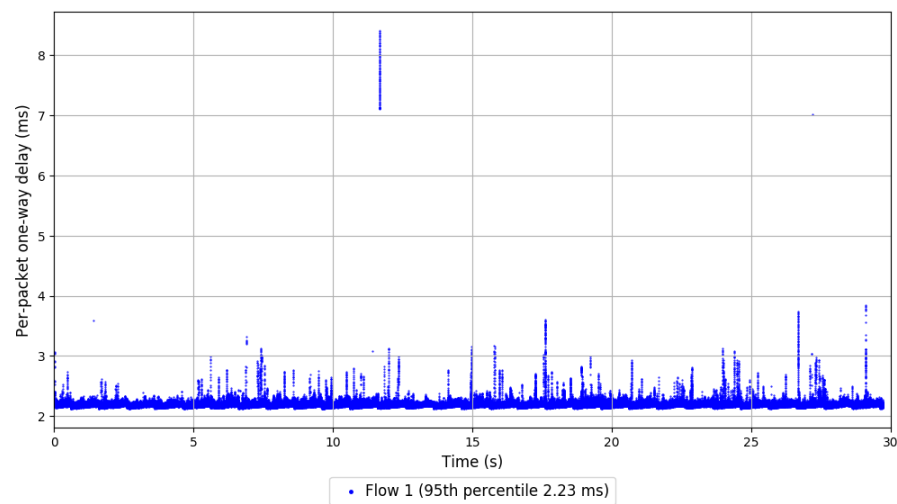
Run 6: Report of Indigo — Data Link

```
Run 7: Statistics of Indigo

Start at: 2017-11-30 13:49:27
End at: 2017-11-30 13:49:57
Local clock offset: 1.358 ms
Remote clock offset: 0.01 ms


# Below is generated by plot.py at 2017-11-30 17:45:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 190.49 Mbit/s
95th percentile per-packet one-way delay: 2.231 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 190.49 Mbit/s
95th percentile per-packet one-way delay: 2.231 ms
Loss rate: 0.00%
```
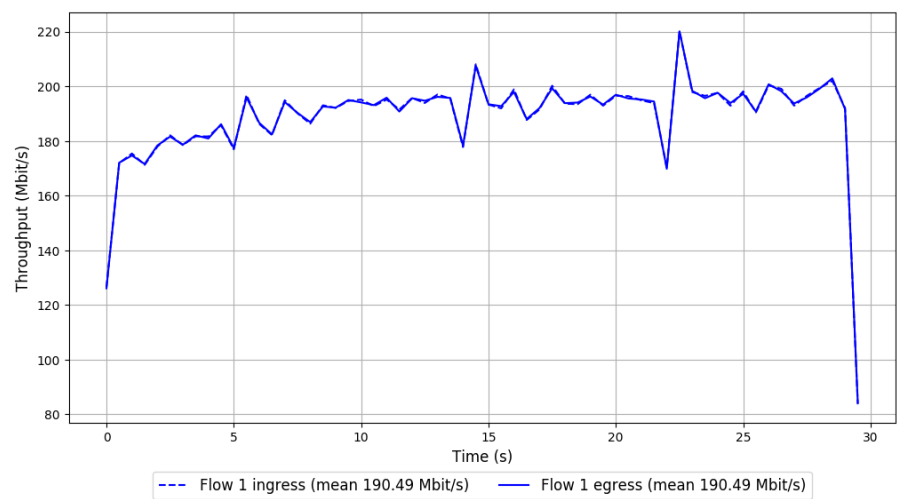
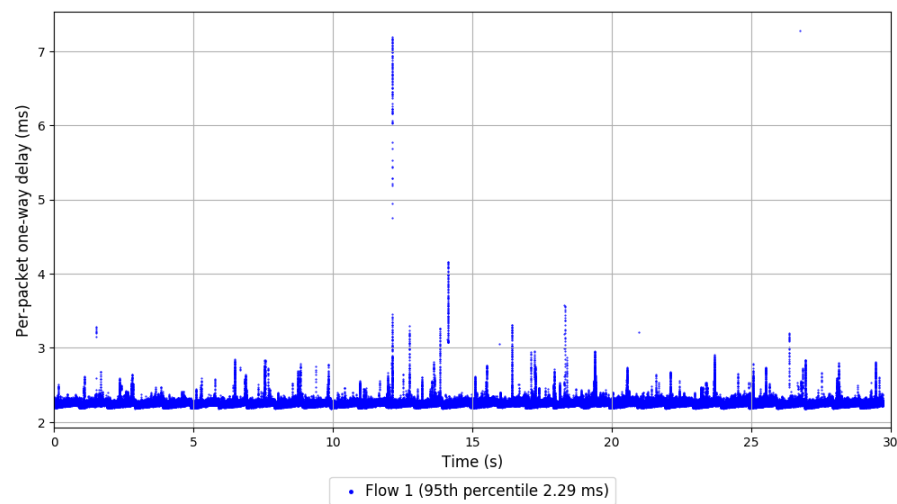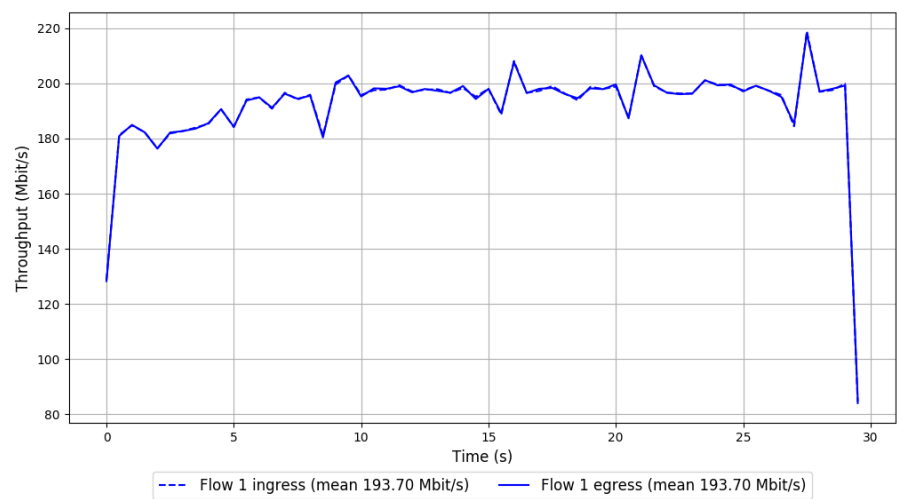Run 7: Report of Indigo — Data Link

```
Run 8: Statistics of Indigo

Start at: 2017-11-30 14:07:29
End at: 2017-11-30 14:07:59
Local clock offset: 1.277 ms
Remote clock offset: -0.026 ms


# Below is generated by plot.py at 2017-11-30 17:45:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 193.70 Mbit/s
95th percentile per-packet one-way delay: 2.291 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 193.70 Mbit/s
95th percentile per-packet one-way delay: 2.291 ms
Loss rate: 0.00%
```

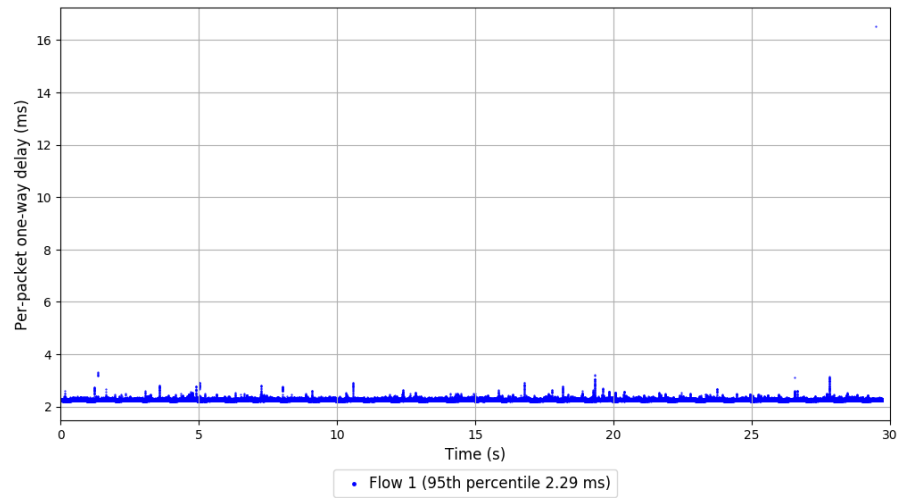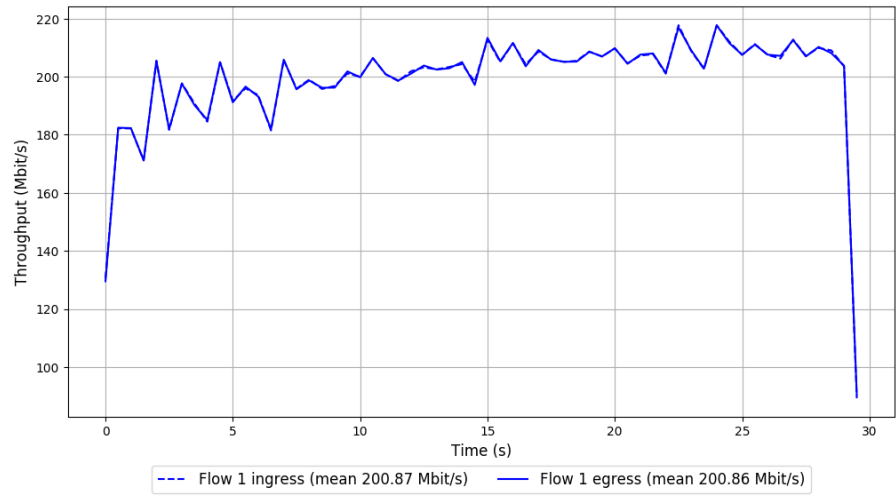Run 8: Report of Indigo — Data Link

```
Run 9: Statistics of Indigo

Start at: 2017-11-30 14:25:37
End at: 2017-11-30 14:26:07
Local clock offset: 1.151 ms
Remote clock offset: -0.039 ms


# Below is generated by plot.py at 2017-11-30 17:45:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 200.86 Mbit/s
95th percentile per-packet one-way delay: 2.292 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 200.86 Mbit/s
95th percentile per-packet one-way delay: 2.292 ms
Loss rate: 0.00%
```

Run 9: Report of Indigo — Data Link

```
Run 10: Statistics of Indigo

Start at: 2017-11-30 14:43:32
End at: 2017-11-30 14:44:02
Local clock offset: 1.143 ms
Remote clock offset: -0.048 ms


# Below is generated by plot.py at 2017-11-30 17:45:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 197.44 Mbit/s
95th percentile per-packet one-way delay: 2.233 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 197.44 Mbit/s
95th percentile per-packet one-way delay: 2.233 ms
Loss rate: 0.00%
```
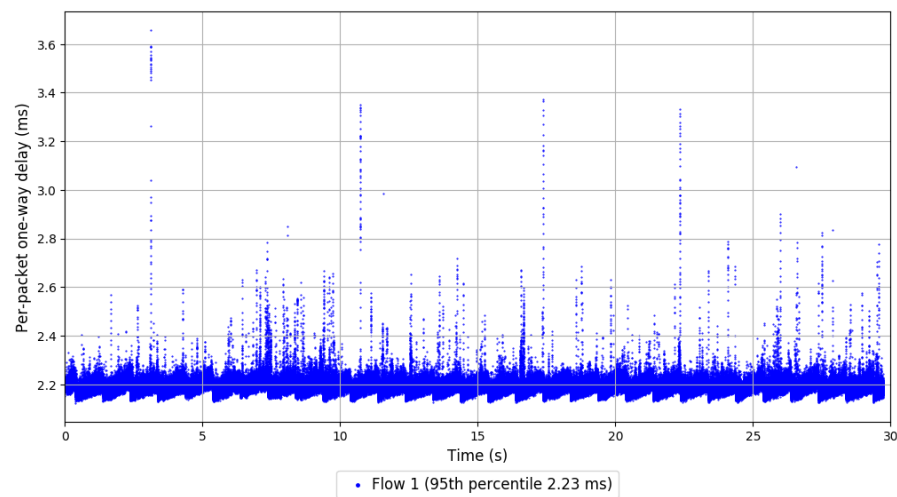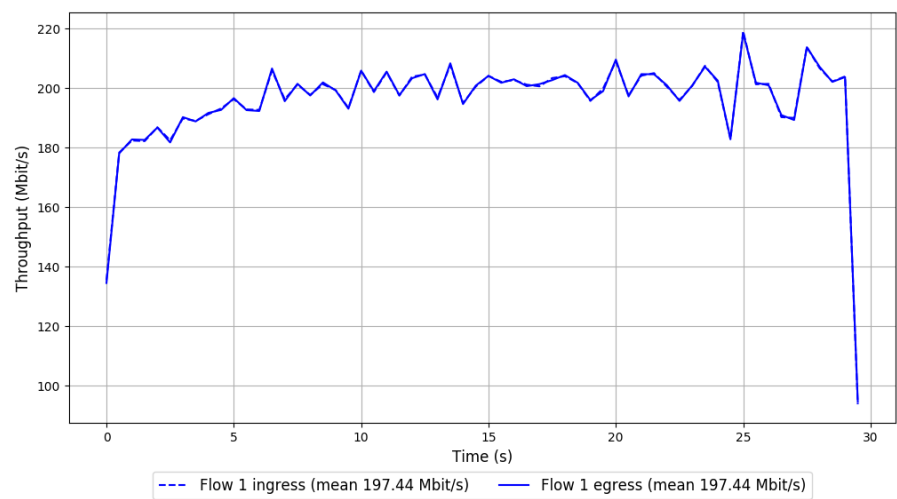
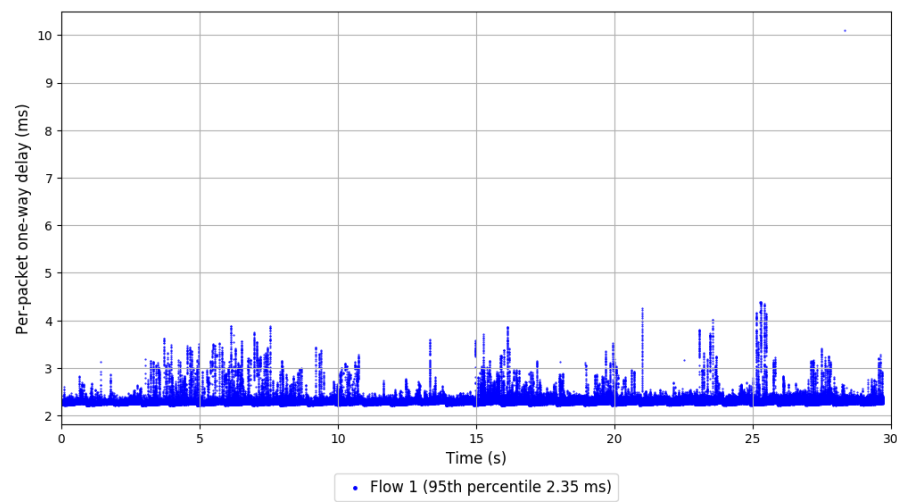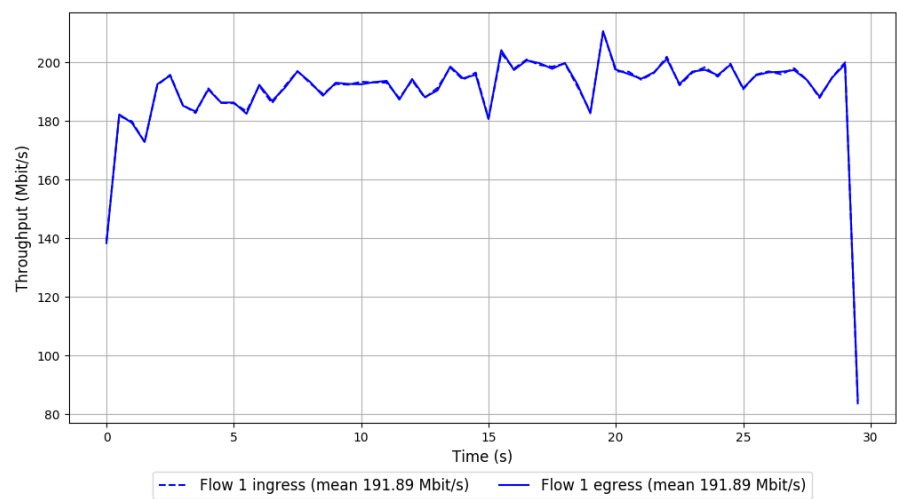Run 10: Report of Indigo — Data Link

```
Run 1: Statistics of Indigo-calib

Start at: 2017-11-30 12:02:40
End at: 2017-11-30 12:03:10
Local clock offset: 1.013 ms
Remote clock offset: -0.286 ms


# Below is generated by plot.py at 2017-11-30 17:46:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 191.89 Mbit/s
95th percentile per-packet one-way delay: 2.349 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 191.89 Mbit/s
95th percentile per-packet one-way delay: 2.349 ms
Loss rate: 0.00%
```
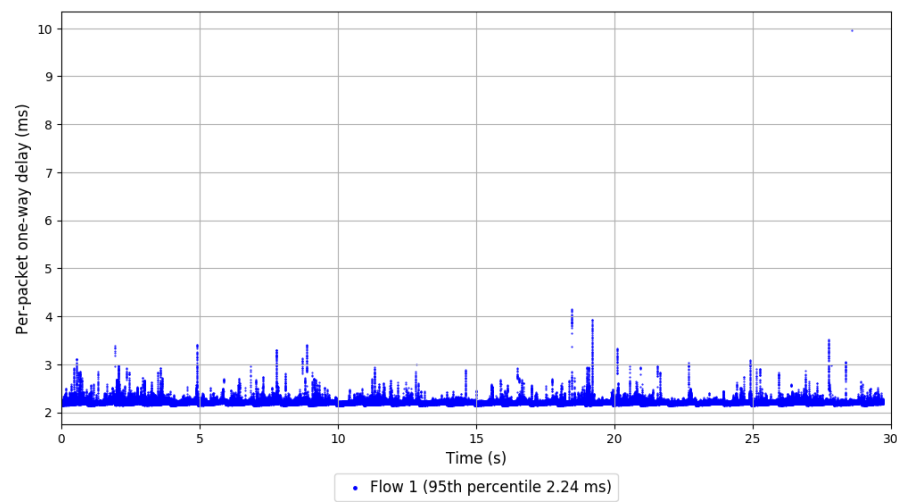
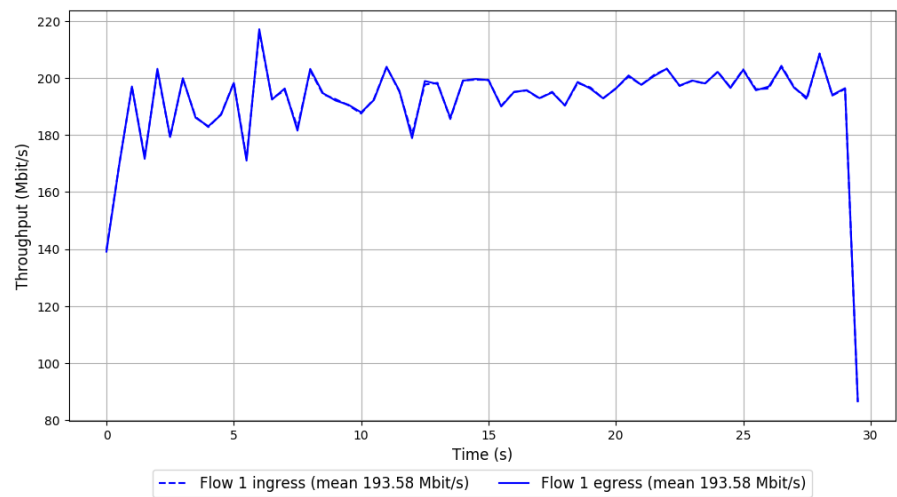## Run 1: Report of Indigo-calib — Data Link

```
Run 2: Statistics of Indigo-calib

Start at: 2017-11-30 12:20:41
End at: 2017-11-30 12:21:11
Local clock offset: 1.204 ms
Remote clock offset: -0.132 ms

# Below is generated by plot.py at 2017-11-30 17:46:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 193.58 Mbit/s
95th percentile per-packet one-way delay: 2.243 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 193.58 Mbit/s
95th percentile per-packet one-way delay: 2.243 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo-calib — Data Link

```
Run 3: Statistics of Indigo-calib

Start at: 2017-11-30 12:38:29
End at: 2017-11-30 12:38:59
Local clock offset: 1.482 ms
Remote clock offset: -0.08 ms


# Below is generated by plot.py at 2017-11-30 17:47:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 191.31 Mbit/s
95th percentile per-packet one-way delay: 2.176 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 191.31 Mbit/s
95th percentile per-packet one-way delay: 2.176 ms
Loss rate: 0.00%
```
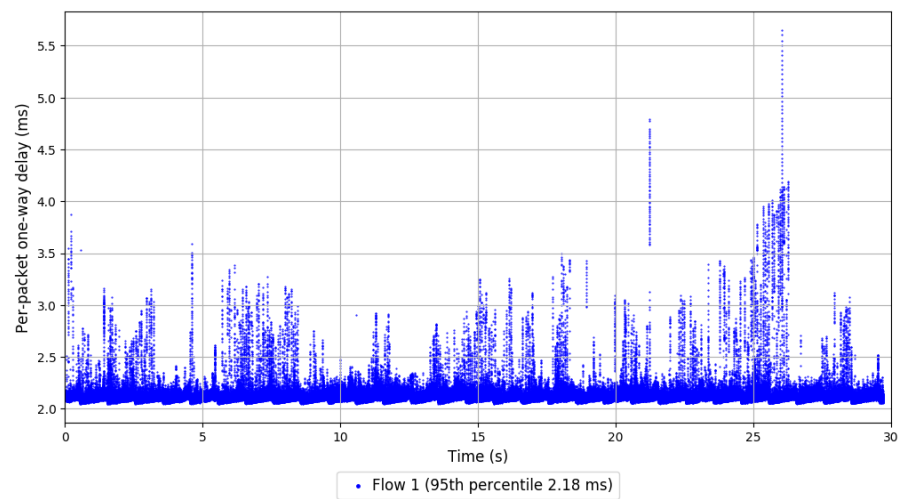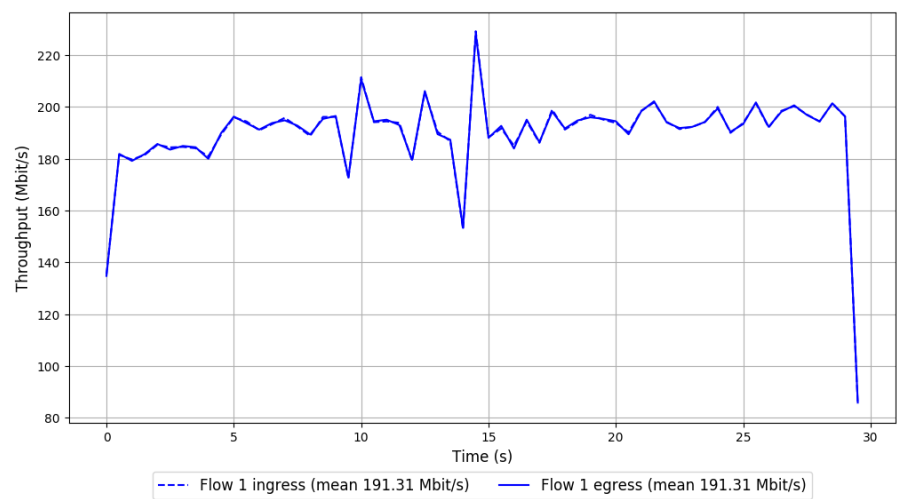
Run 3: Report of Indigo-calib — Data Link

```
Run 4: Statistics of Indigo-calib

Start at: 2017-11-30 12:56:33
End at: 2017-11-30 12:57:03
Local clock offset: 1.571 ms
Remote clock offset: 0.049 ms


# Below is generated by plot.py at 2017-11-30 17:47:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 193.10 Mbit/s
95th percentile per-packet one-way delay: 2.251 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 193.10 Mbit/s
95th percentile per-packet one-way delay: 2.251 ms
Loss rate: 0.00%
```
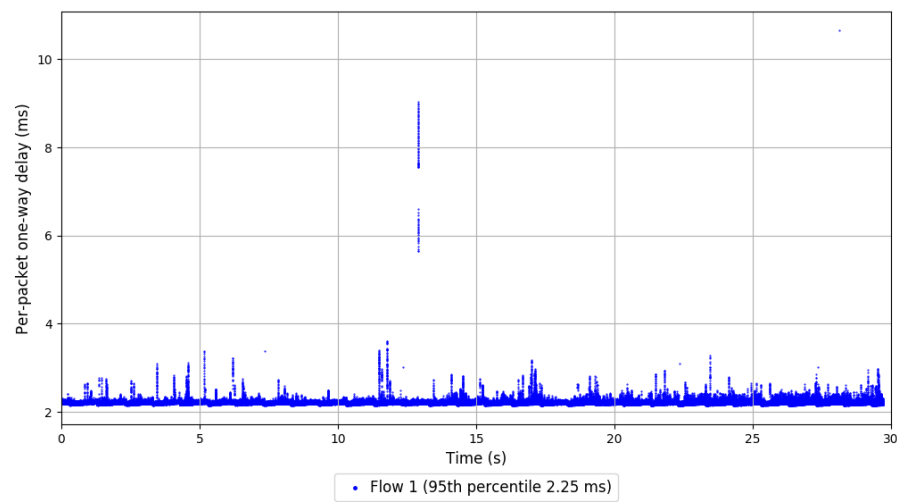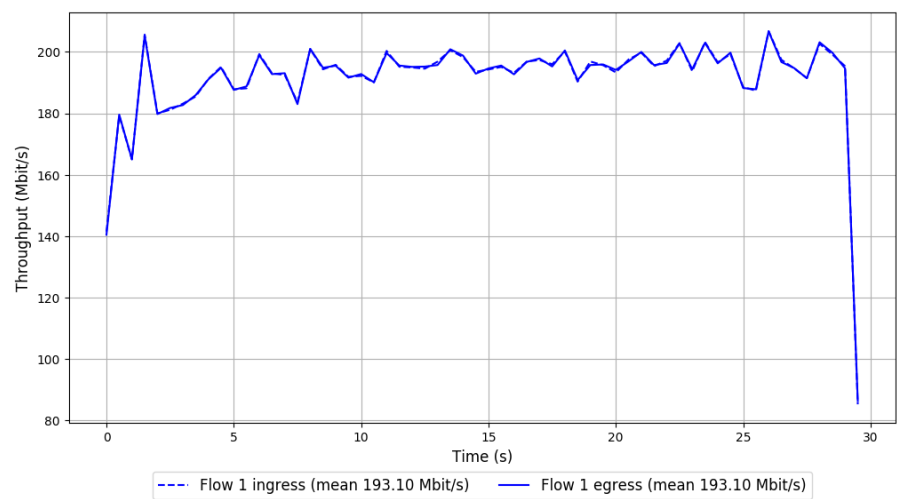
Run 4: Report of Indigo-calib — Data Link

```
Run 5: Statistics of Indigo-calib

Start at: 2017-11-30 13:14:40
End at: 2017-11-30 13:15:11
Local clock offset: 1.335 ms
Remote clock offset: -0.035 ms

# Below is generated by plot.py at 2017-11-30 17:47:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 188.03 Mbit/s
95th percentile per-packet one-way delay: 2.156 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 188.03 Mbit/s
95th percentile per-packet one-way delay: 2.156 ms
Loss rate: 0.00%
```
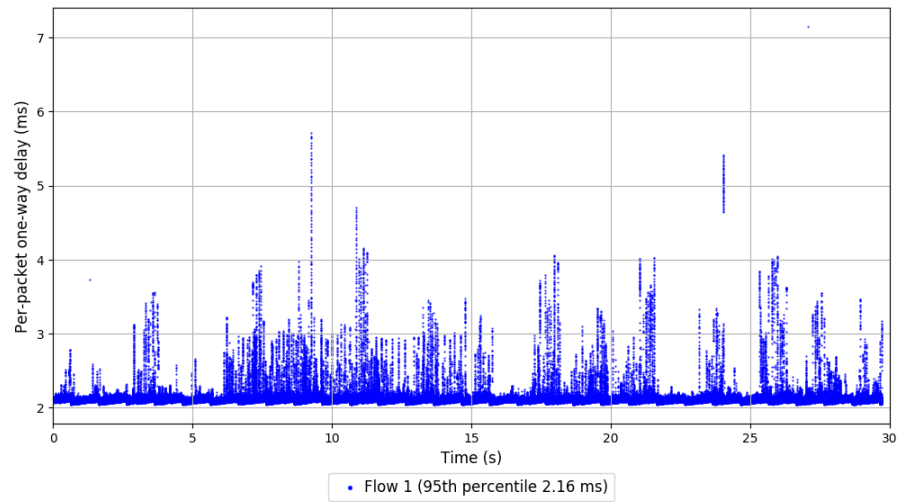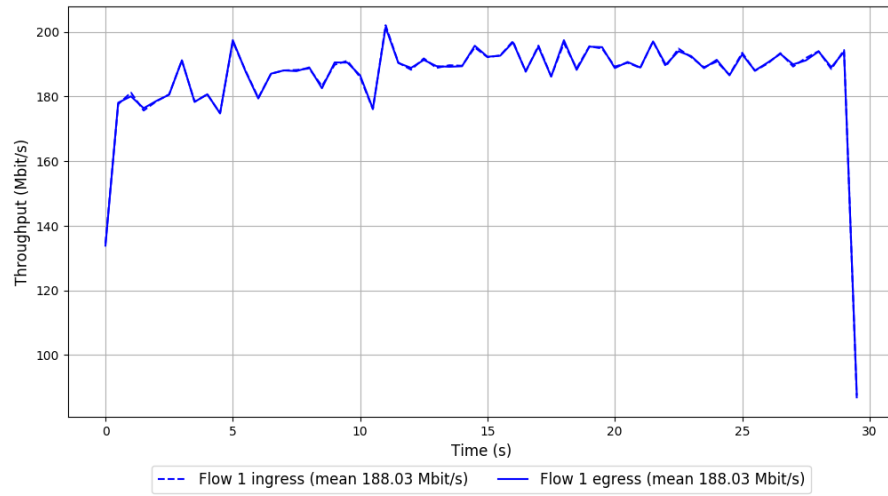
Run 5: Report of Indigo-calib — Data Link

```
Run 6: Statistics of Indigo-calib

Start at: 2017-11-30 13:32:38
End at: 2017-11-30 13:33:08
Local clock offset: 1.236 ms
Remote clock offset: 0.011 ms


# Below is generated by plot.py at 2017-11-30 17:48:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 192.14 Mbit/s
95th percentile per-packet one-way delay: 2.282 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 192.14 Mbit/s
95th percentile per-packet one-way delay: 2.282 ms
Loss rate: 0.00%
```
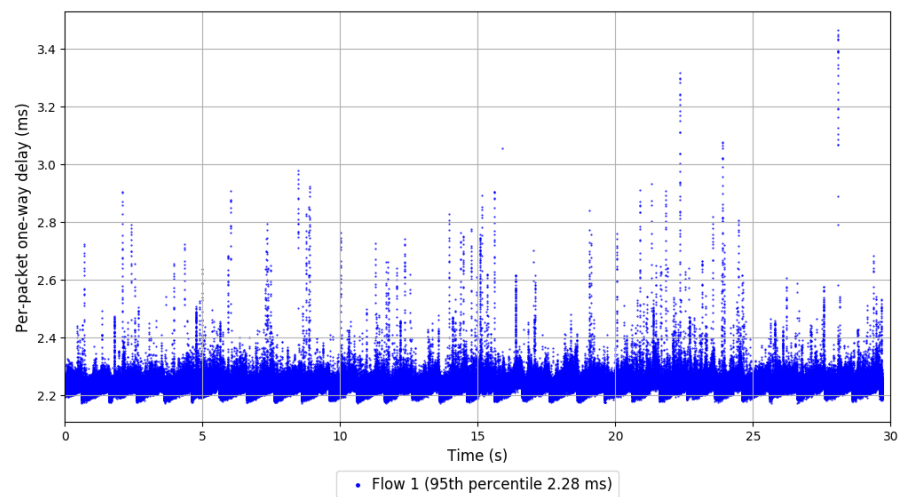
Run 6: Report of Indigo-calib — Data Link

```
Run 7: Statistics of Indigo-calib

Start at: 2017-11-30 13:50:41
End at: 2017-11-30 13:51:11
Local clock offset: 1.36 ms
Remote clock offset: -0.066 ms


# Below is generated by plot.py at 2017-11-30 17:48:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 191.42 Mbit/s
95th percentile per-packet one-way delay: 2.182 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 191.42 Mbit/s
95th percentile per-packet one-way delay: 2.182 ms
Loss rate: 0.00%
```
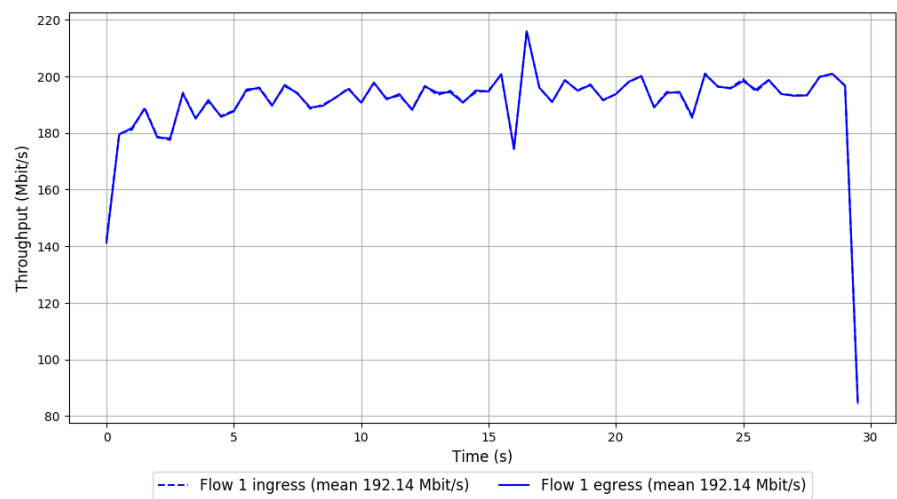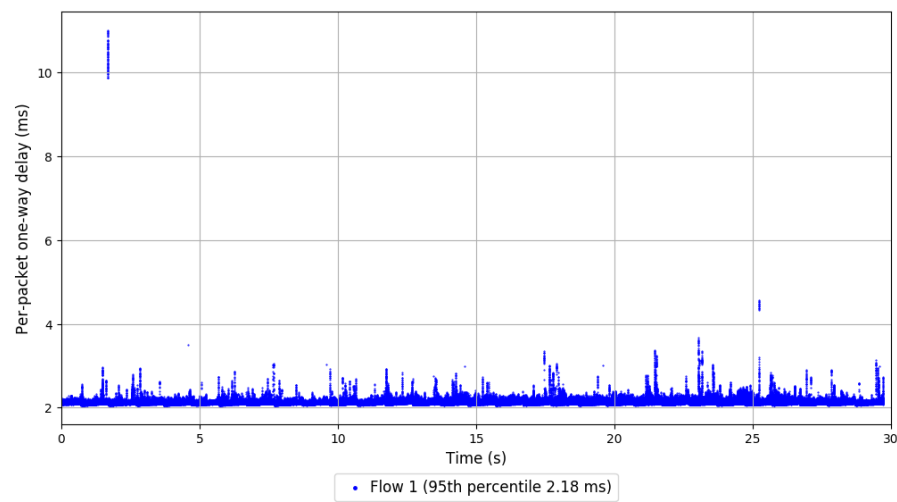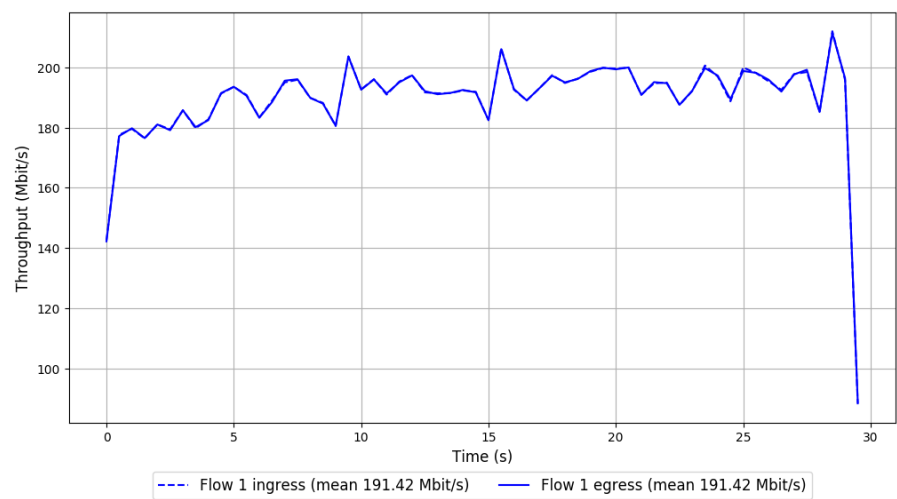
Run 7: Report of Indigo-calib — Data Link

```
Run 8: Statistics of Indigo-calib

Start at: 2017-11-30 14:08:42
End at: 2017-11-30 14:09:12
Local clock offset: 1.333 ms
Remote clock offset: -0.014 ms


# Below is generated by plot.py at 2017-11-30 17:48:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 194.37 Mbit/s
95th percentile per-packet one-way delay: 2.237 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 194.37 Mbit/s
95th percentile per-packet one-way delay: 2.237 ms
Loss rate: 0.00%
```
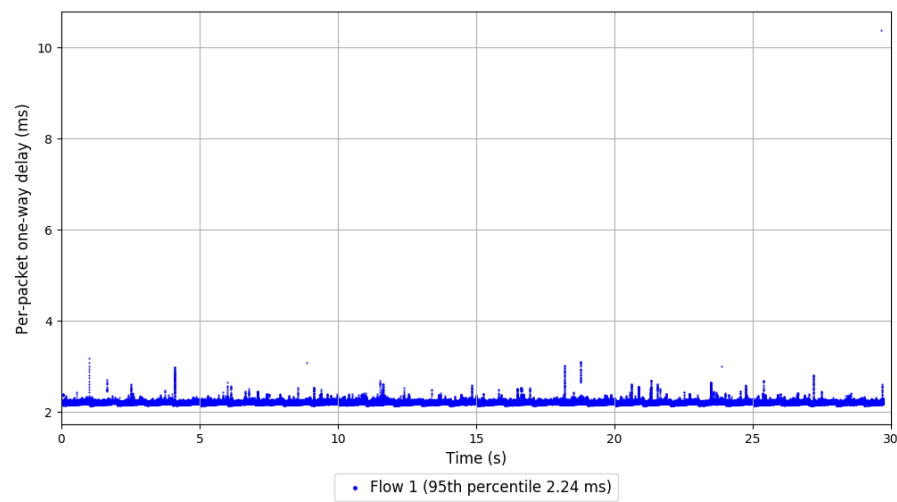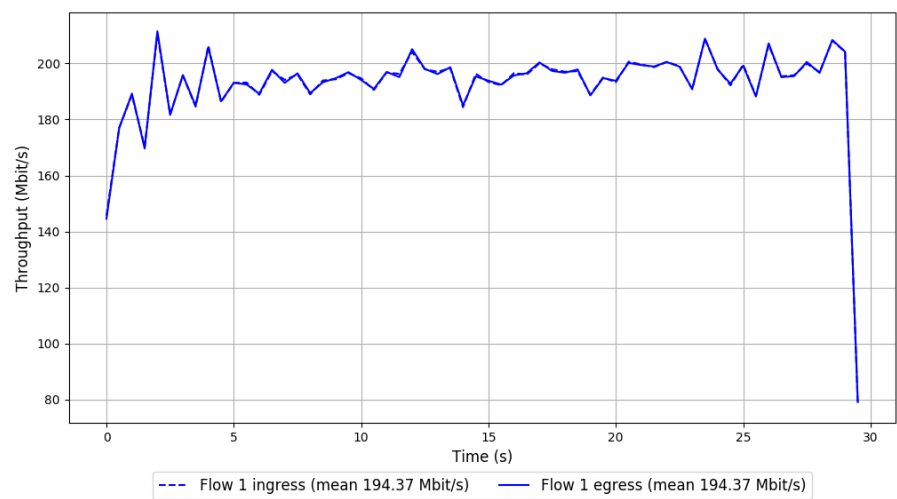
Run 8: Report of Indigo-calib — Data Link

Flow 1 ingress (mean 194.37 Mbit/s) --- Flow 1 egress (mean 194.37 Mbit/s)

Flow 1 (95th percentile 2.24 ms)

```
Run 9: Statistics of Indigo-calib

Start at: 2017-11-30 14:26:51
End at: 2017-11-30 14:27:21
Local clock offset: 1.201 ms
Remote clock offset: -0.025 ms


# Below is generated by plot.py at 2017-11-30 17:48:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 197.19 Mbit/s
95th percentile per-packet one-way delay: 2.255 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 197.19 Mbit/s
95th percentile per-packet one-way delay: 2.255 ms
Loss rate: 0.00%
```

Run 9: Report of Indigo-calib — Data Link

```
Run 10: Statistics of Indigo-calib

Start at: 2017-11-30 14:44:46
End at: 2017-11-30 14:45:16
Local clock offset: 1.117 ms
Remote clock offset: -0.047 ms


# Below is generated by plot.py at 2017-11-30 17:48:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 197.82 Mbit/s
95th percentile per-packet one-way delay: 2.258 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 197.82 Mbit/s
95th percentile per-packet one-way delay: 2.258 ms
Loss rate: 0.00%
```
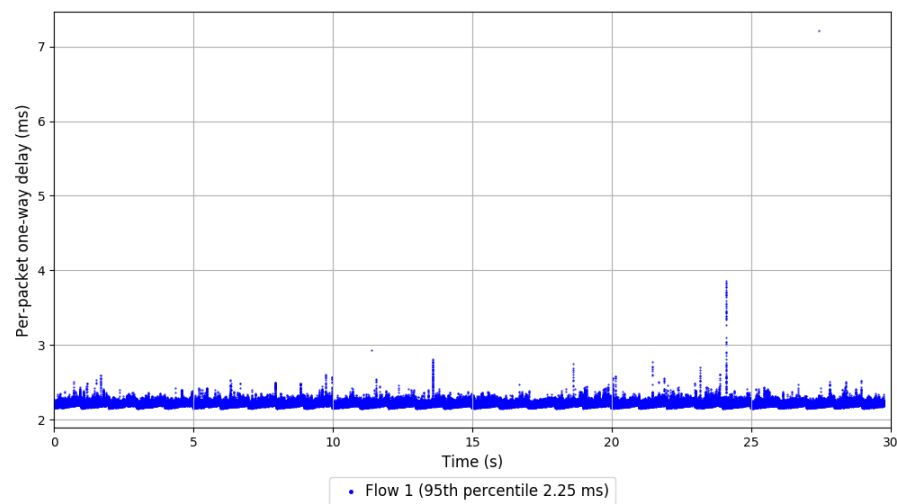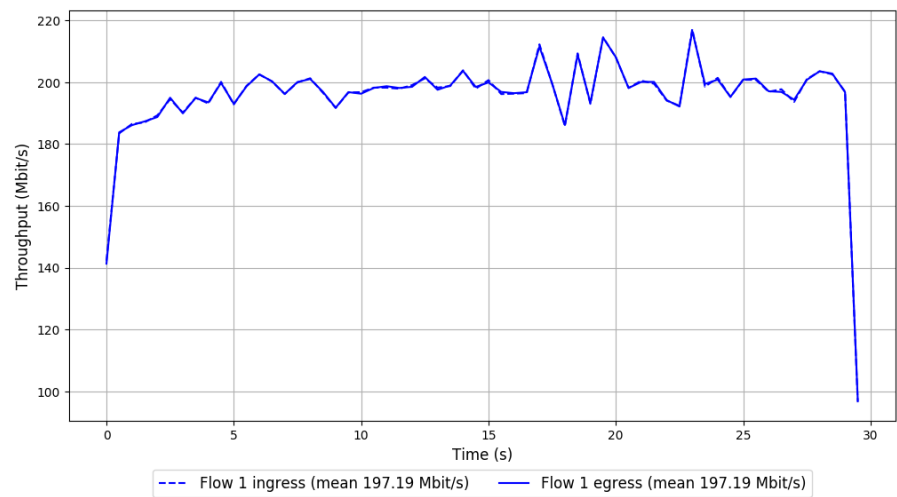
Run 10: Report of Indigo-calib — Data Link

Flow 1 ingress (mean 197.82 Mbit/s)   Flow 1 egress (mean 197.82 Mbit/s)

Flow 1 (95th percentile 2.26 ms)