Pantheon Report

Generated at 2018-01-16 17:26:07 (UTC).

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

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

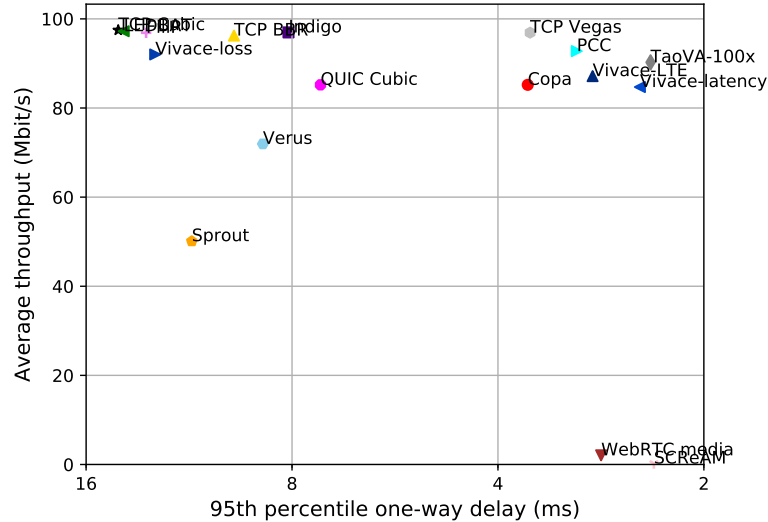Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

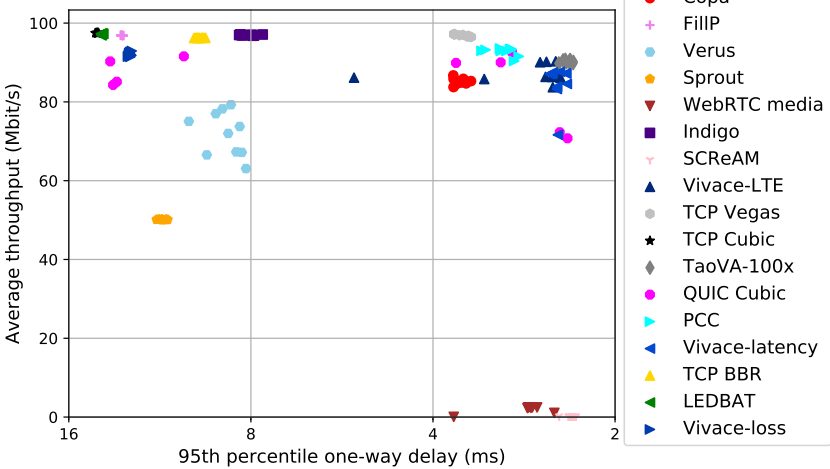NTP offsets were measured against `gps.ntp.br` and have been applied to correct the timestamps in logs.

```
Git summary:
branch: master @ af8abdfba95588b0c5f2aeca9e856a1656b0c598
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
 M datagrump/sender.cc
third_party/fillp @ ec9585325218d5048c4d4152fa42240af54c6e67
third_party/genericCC @ 80b516c448f795fd6e9675f7177b69c622f07da8
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
 M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
 M receiver/src/buffer.h
 M receiver/src/core.cpp
 M sender/src/buffer.h
 M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ 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/vivace @ 423cbca3e8ea1d599e7b5cf725835e8a2b6bfac6
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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

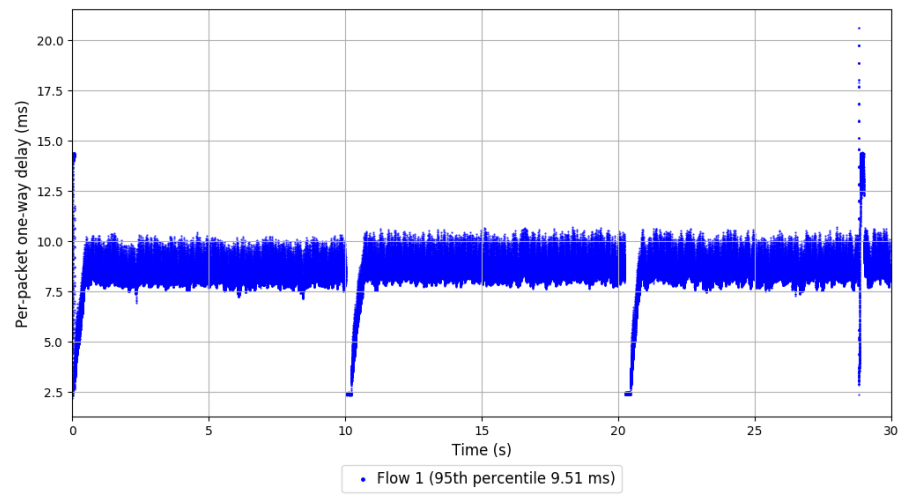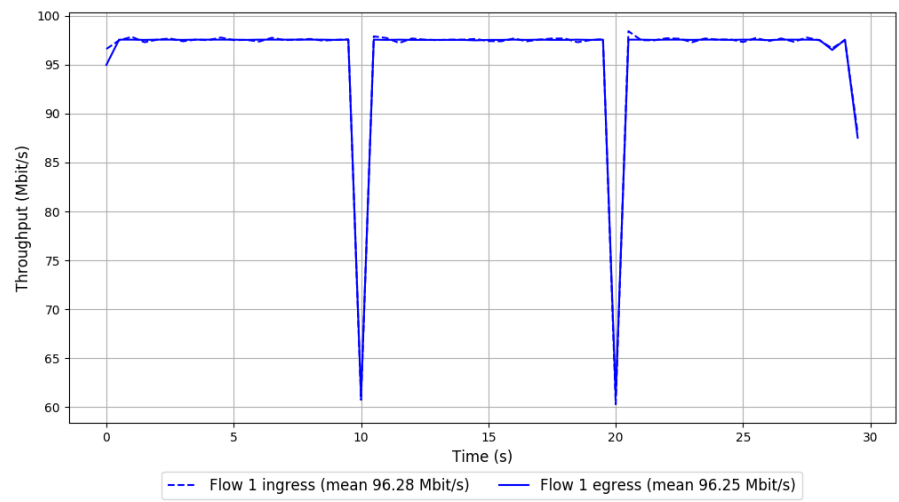test from Brazil Ethernet to AWS Brazil 1 Ethernet, 10 runs of 30s each per scheme

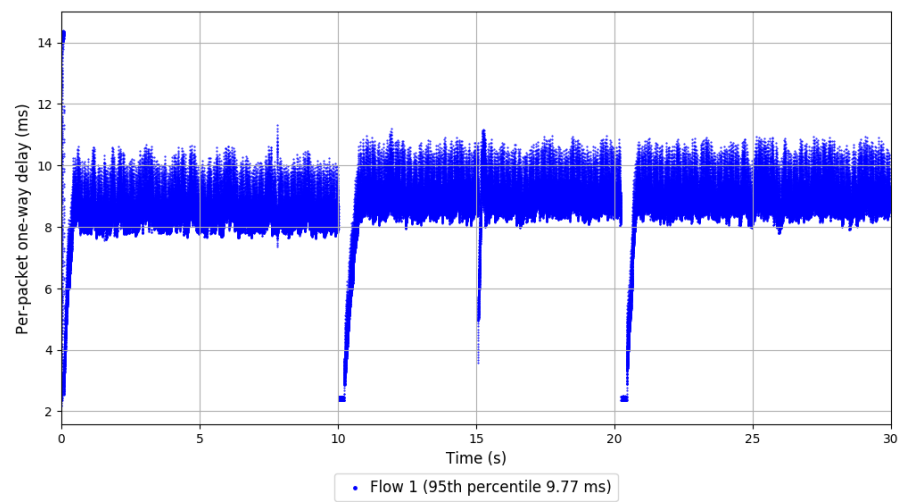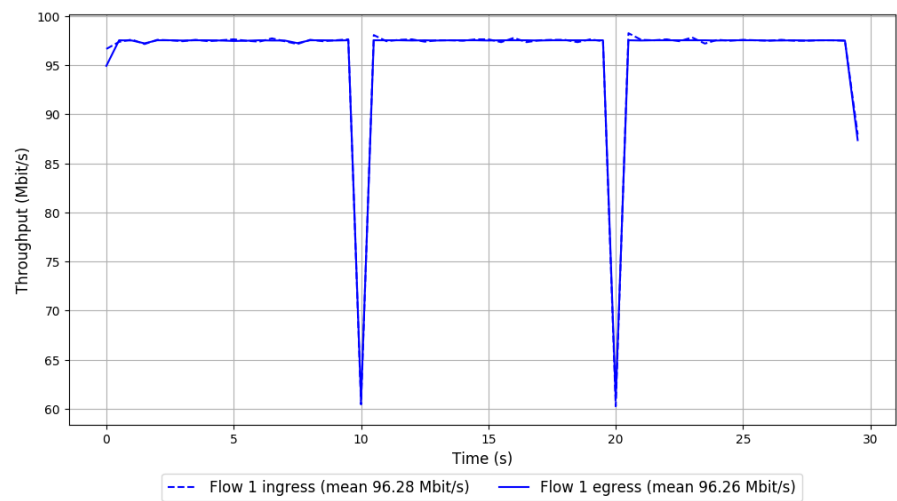| scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	96.26	9.73	0.04
TCP Cubic	10	97.48	14.36	0.06
LEDBAT	10	97.23	14.10	0.06
PCC	10	92.77	3.07	0.02
QUIC Cubic	9	85.20	7.27	0.02
SCReAM	10	0.22	2.37	0.00
WebRTC media	10	2.05	2.83	0.01
Sprout	10	50.11	11.21	0.03
TaoVA-100x	10	90.25	2.39	0.02
TCP Vegas	10	96.90	3.59	0.02
Verus	10	71.95	8.82	0.03
Copa	10	85.20	3.62	0.02
FillP	10	96.87	13.07	0.05
Indigo	10	96.96	8.10	0.03
Vivace-latency	10	84.70	2.48	0.02
Vivace-loss	10	92.02	12.68	0.05
Vivace-LTE	10	87.16	2.91	0.02

```
Run 1: Statistics of TCP BBR

Start at: 2018-01-16 10:10:18
End at: 2018-01-16 10:10:48
Local clock offset: -0.109 ms
Remote clock offset: -1.233 ms

# Below is generated by plot.py at 2018-01-16 16:55:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.25 Mbit/s
95th percentile per-packet one-way delay: 9.511 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.25 Mbit/s
95th percentile per-packet one-way delay: 9.511 ms
Loss rate: 0.04%
```

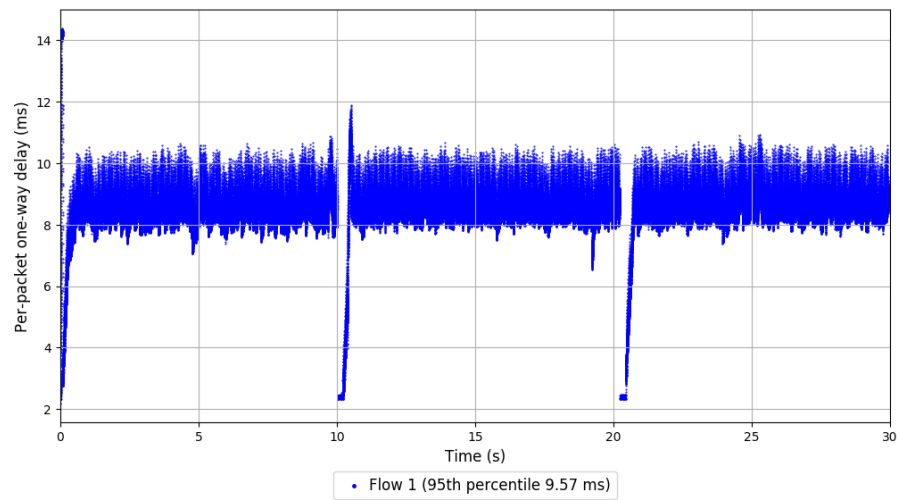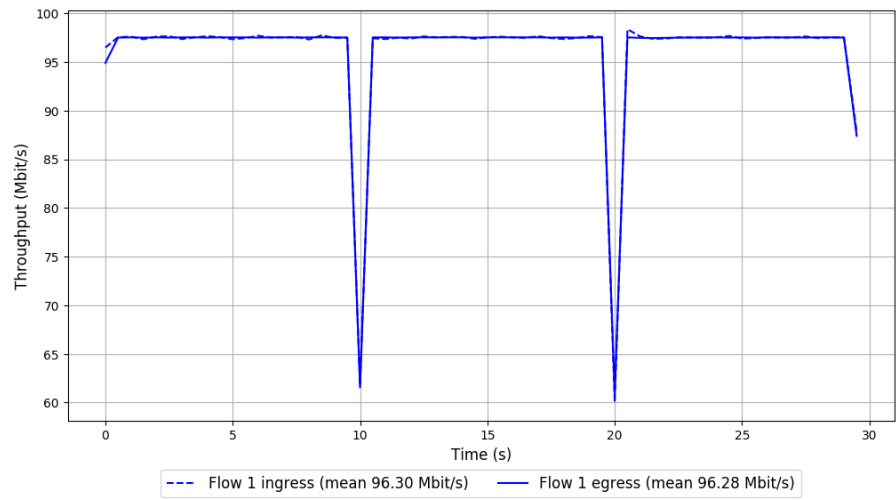Run 1: Report of TCP BBR — Data Link

```
Run 2: Statistics of TCP BBR

Start at: 2018-01-16 10:30:50
End at: 2018-01-16 10:31:20
Local clock offset: -0.818 ms
Remote clock offset: -1.152 ms


# Below is generated by plot.py at 2018-01-16 16:55:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.26 Mbit/s
95th percentile per-packet one-way delay: 9.769 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.26 Mbit/s
95th percentile per-packet one-way delay: 9.769 ms
Loss rate: 0.04%
```

Run 2: Report of TCP BBR — Data Link

Flow 1 ingress (mean 96.28 Mbit/s)   Flow 1 egress (mean 96.26 Mbit/s)

Flow 1 (95th percentile 9.77 ms)

```
Run 3: Statistics of TCP BBR

Start at: 2018-01-16 10:51:20
End at: 2018-01-16 10:51:50
Local clock offset: -1.007 ms
Remote clock offset: -0.687 ms


# Below is generated by plot.py at 2018-01-16 16:55:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 9.568 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 9.568 ms
Loss rate: 0.04%
```
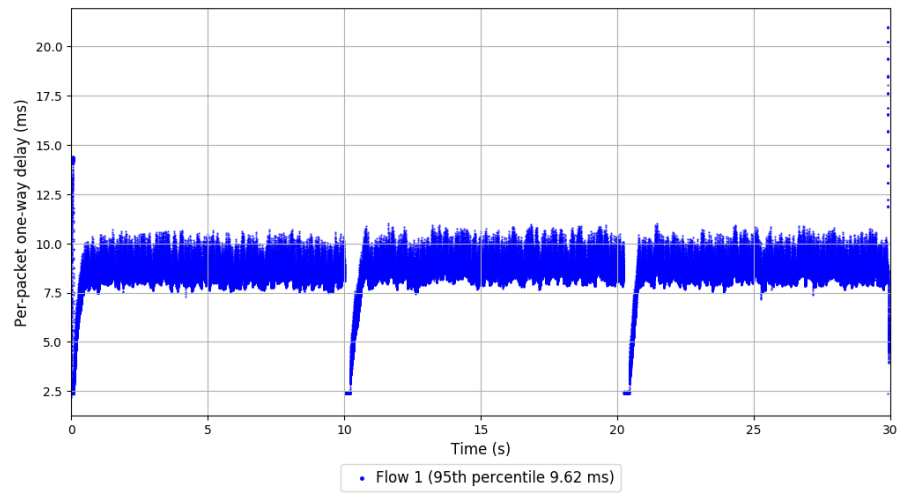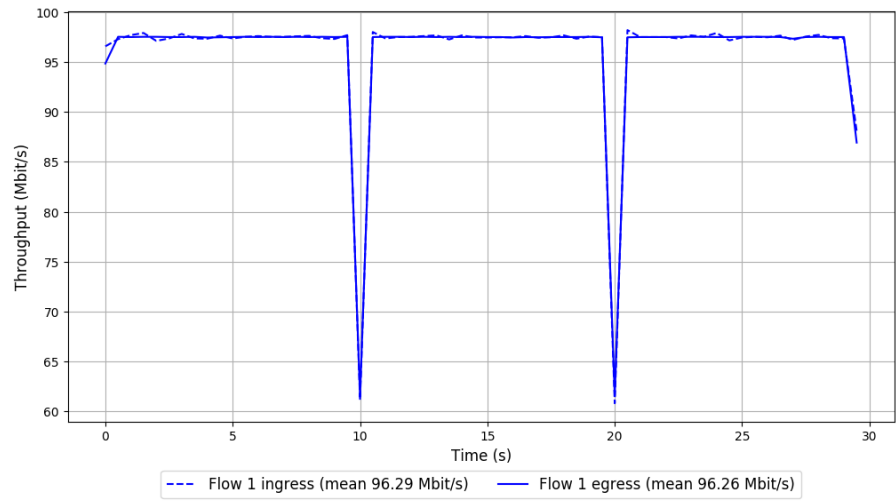
Run 3: Report of TCP BBR — Data Link

```
Run 4: Statistics of TCP BBR

Start at: 2018-01-16 11:11:51
End at: 2018-01-16 11:12:21
Local clock offset: -1.179 ms
Remote clock offset: 0.053 ms


# Below is generated by plot.py at 2018-01-16 16:55:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.26 Mbit/s
95th percentile per-packet one-way delay: 9.621 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 96.26 Mbit/s
95th percentile per-packet one-way delay: 9.621 ms
Loss rate: 0.05%
```
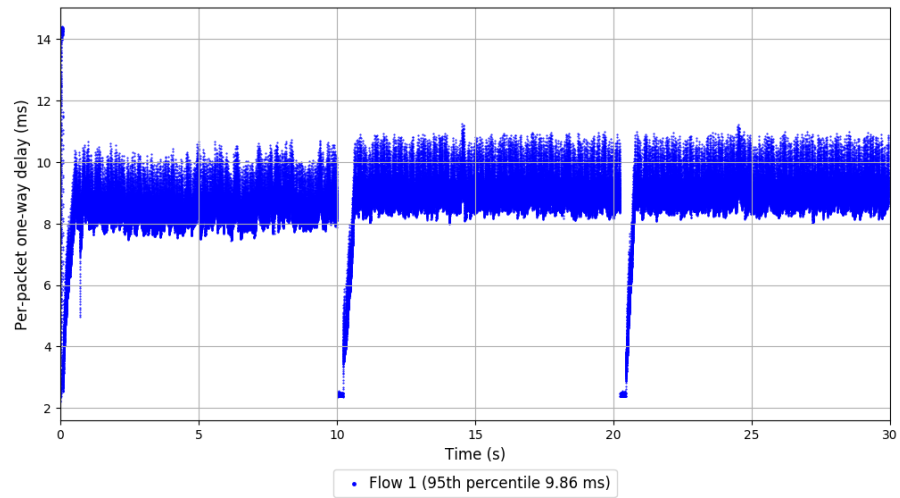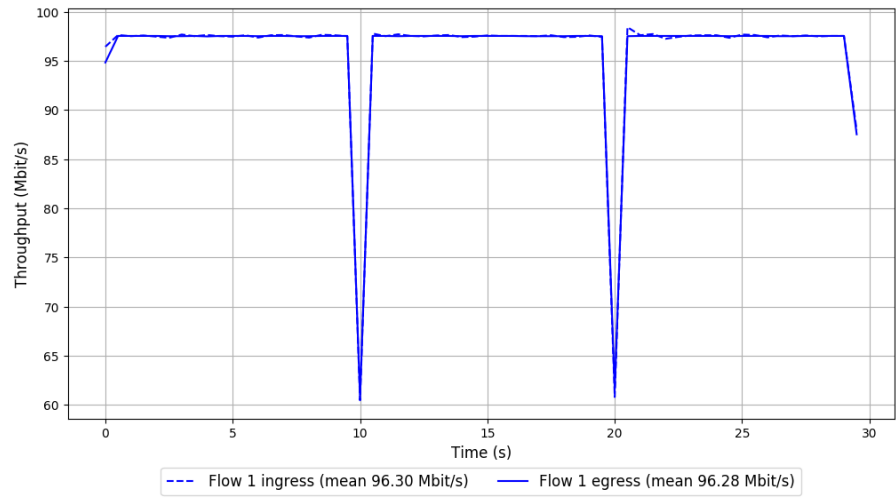
Run 4: Report of TCP BBR — Data Link

Flow 1 ingress (mean 96.29 Mbit/s)   Flow 1 egress (mean 96.26 Mbit/s)

Flow 1 (95th percentile 9.62 ms)

```
Run 5: Statistics of TCP BBR

Start at: 2018-01-16 11:32:25
End at: 2018-01-16 11:32:55
Local clock offset: -2.012 ms
Remote clock offset: 0.562 ms


# Below is generated by plot.py at 2018-01-16 16:55:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 9.862 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 9.862 ms
Loss rate: 0.04%
```
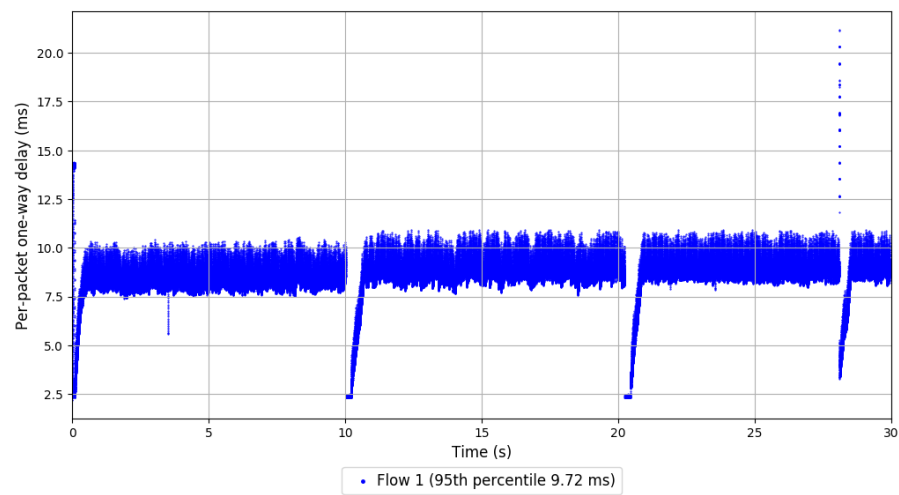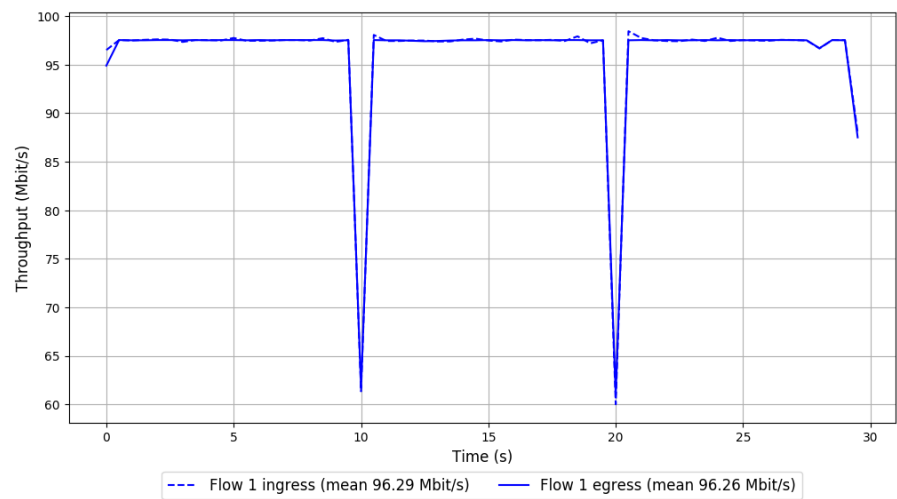
Run 5: Report of TCP BBR — Data Link

Flow 1 ingress (mean 96.30 Mbit/s) — — — Flow 1 egress (mean 96.28 Mbit/s)

• Flow 1 (95th percentile 9.86 ms)

```
Run 6: Statistics of TCP BBR

Start at: 2018-01-16 11:52:59
End at: 2018-01-16 11:53:29
Local clock offset: -2.499 ms
Remote clock offset: 0.681 ms


# Below is generated by plot.py at 2018-01-16 16:55:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.26 Mbit/s
95th percentile per-packet one-way delay: 9.721 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.26 Mbit/s
95th percentile per-packet one-way delay: 9.721 ms
Loss rate: 0.04%
```
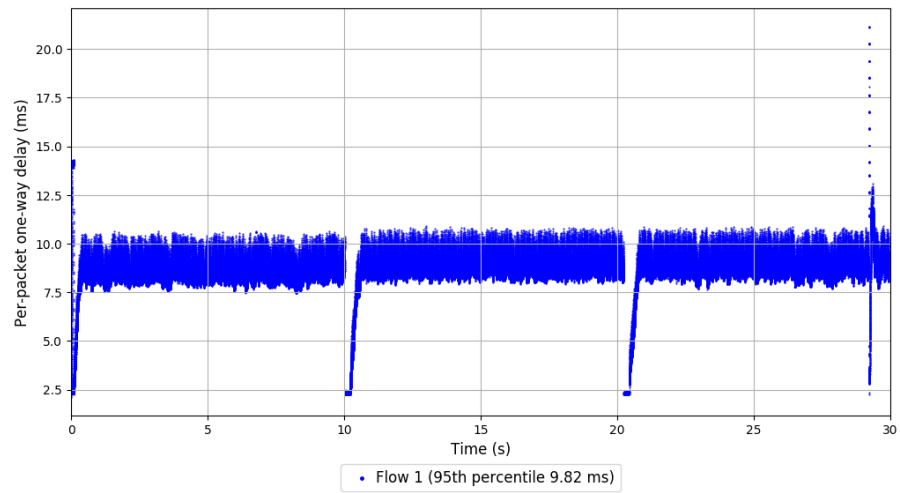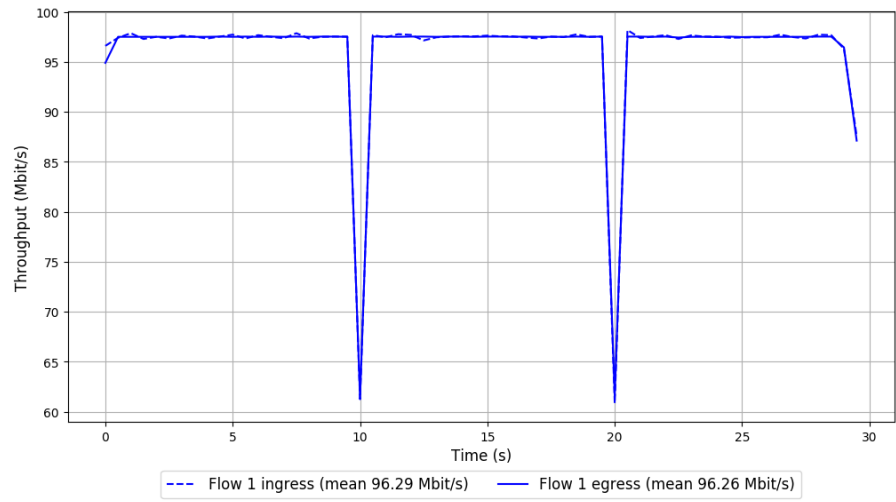
Run 6: Report of TCP BBR — Data Link

```
Run 7: Statistics of TCP BBR

Start at: 2018-01-16 12:13:32
End at: 2018-01-16 12:14:02
Local clock offset: -2.082 ms
Remote clock offset: 0.75 ms


# Below is generated by plot.py at 2018-01-16 16:55:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.26 Mbit/s
95th percentile per-packet one-way delay: 9.821 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.26 Mbit/s
95th percentile per-packet one-way delay: 9.821 ms
Loss rate: 0.04%
```
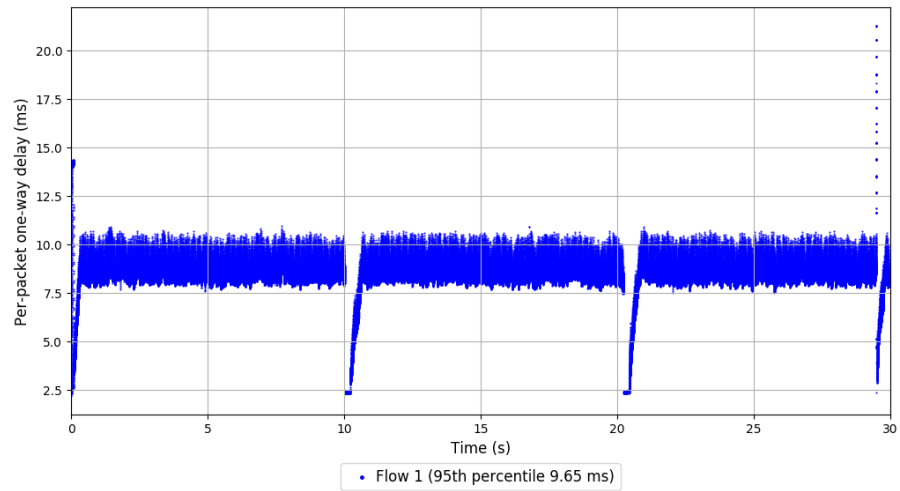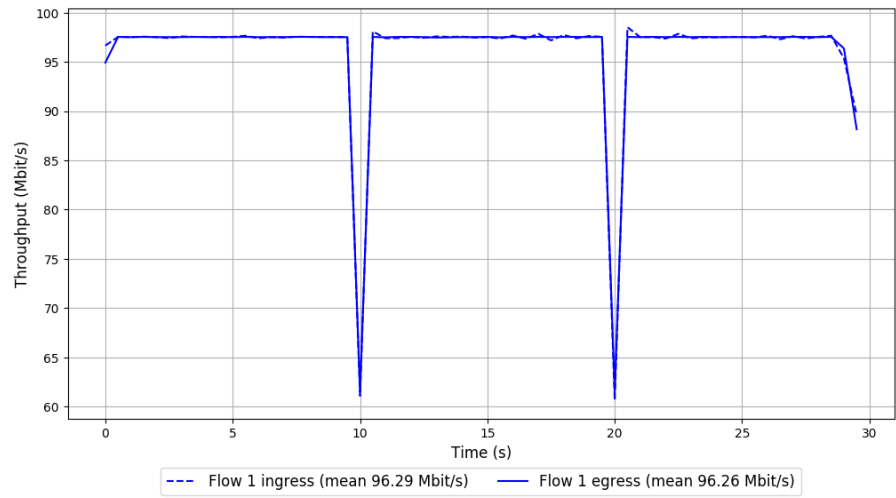
Run 7: Report of TCP BBR — Data Link

```
Run 8: Statistics of TCP BBR

Start at: 2018-01-16 12:34:07
End at: 2018-01-16 12:34:37
Local clock offset: -1.62 ms
Remote clock offset: 0.794 ms


# Below is generated by plot.py at 2018-01-16 16:55:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.26 Mbit/s
95th percentile per-packet one-way delay: 9.648 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.26 Mbit/s
95th percentile per-packet one-way delay: 9.648 ms
Loss rate: 0.04%
```
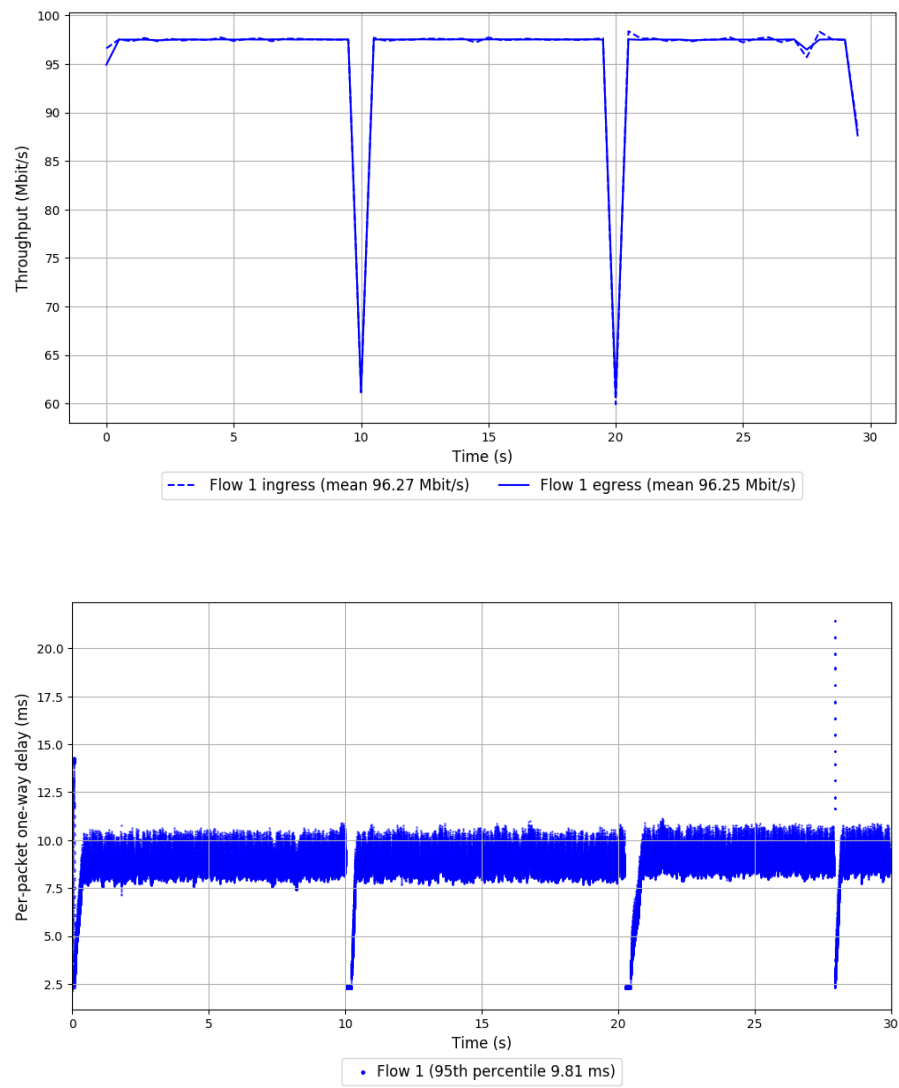
Run 8: Report of TCP BBR — Data Link

```
Run 9: Statistics of TCP BBR

Start at: 2018-01-16 12:54:38
End at: 2018-01-16 12:55:08
Local clock offset: -1.848 ms
Remote clock offset: 0.842 ms


# Below is generated by plot.py at 2018-01-16 16:56:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.25 Mbit/s
95th percentile per-packet one-way delay: 9.810 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.25 Mbit/s
95th percentile per-packet one-way delay: 9.810 ms
Loss rate: 0.04%
```
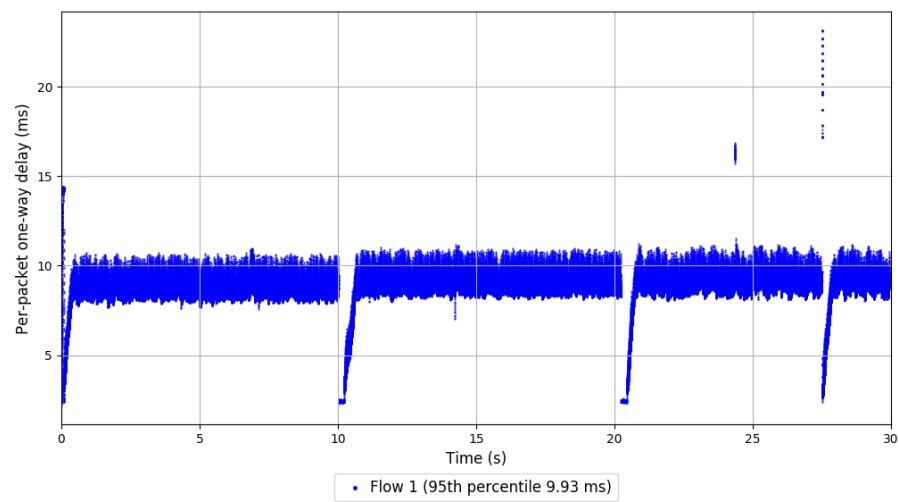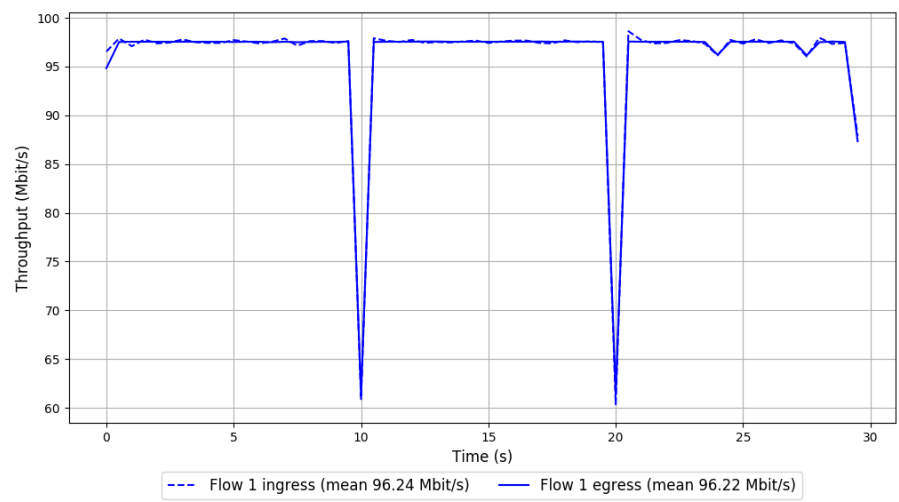
Run 9: Report of TCP BBR — Data Link

Flow 1 ingress (mean 96.27 Mbit/s)   Flow 1 egress (mean 96.25 Mbit/s)

Flow 1 (95th percentile 9.81 ms)

```
Run 10: Statistics of TCP BBR

Start at: 2018-01-16 13:15:13
End at: 2018-01-16 13:15:43
Local clock offset: -2.429 ms
Remote clock offset: 0.608 ms


# Below is generated by plot.py at 2018-01-16 16:56:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.22 Mbit/s
95th percentile per-packet one-way delay: 9.932 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.22 Mbit/s
95th percentile per-packet one-way delay: 9.932 ms
Loss rate: 0.04%
```
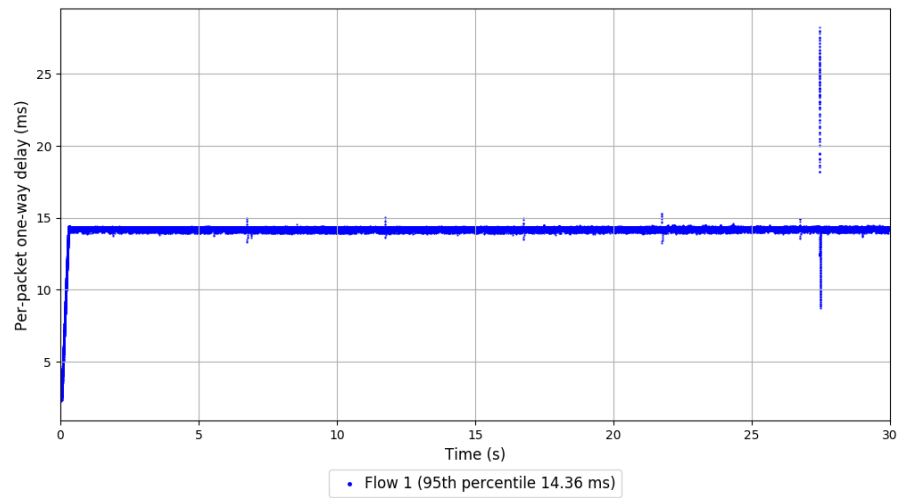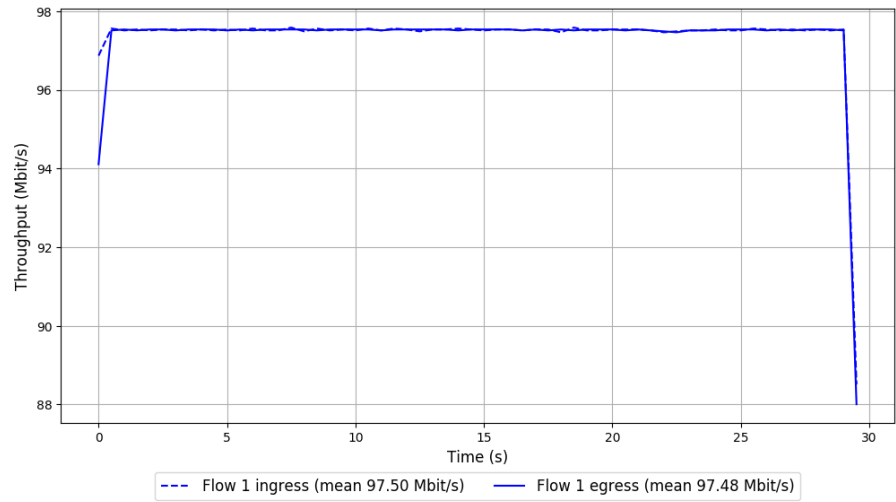
Run 10: Report of TCP BBR — Data Link

Flow 1 ingress (mean 96.24 Mbit/s) — Flow 1 egress (mean 96.22 Mbit/s)
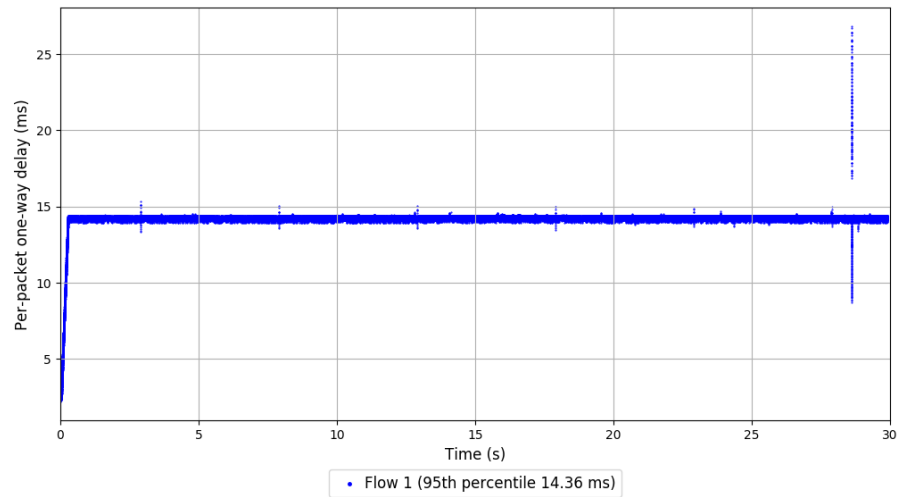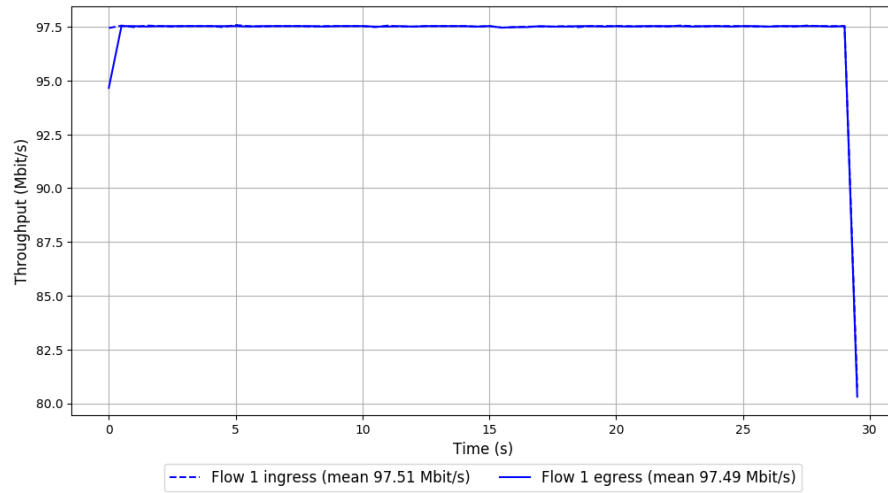

Flow 1 (95th percentile 9.93 ms)

```
Run 1: Statistics of TCP Cubic

Start at: 2018-01-16 10:04:36
End at: 2018-01-16 10:05:06
Local clock offset: 0.177 ms
Remote clock offset: -1.2 ms


# Below is generated by plot.py at 2018-01-16 16:56:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 14.355 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 14.355 ms
Loss rate: 0.06%
```

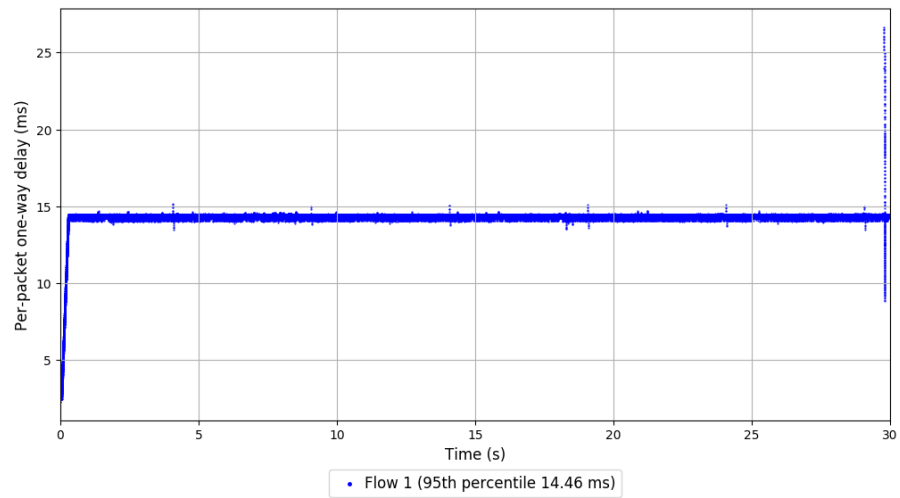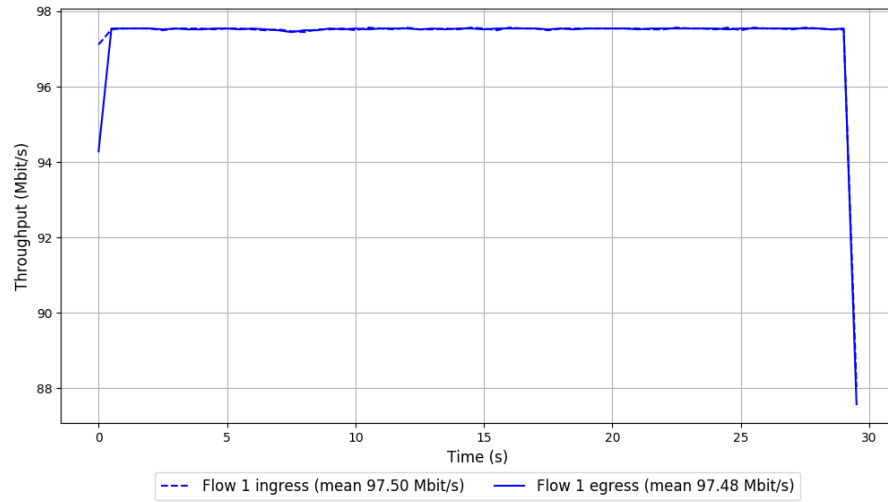Run 1: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 97.50 Mbit/s)   Flow 1 egress (mean 97.48 Mbit/s)

Flow 1 (95th percentile 14.36 ms)

```
Run 2: Statistics of TCP Cubic

Start at: 2018-01-16 10:25:09
End at: 2018-01-16 10:25:39
Local clock offset: -0.726 ms
Remote clock offset: -1.214 ms


# Below is generated by plot.py at 2018-01-16 16:56:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 14.360 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 14.360 ms
Loss rate: 0.06%
```
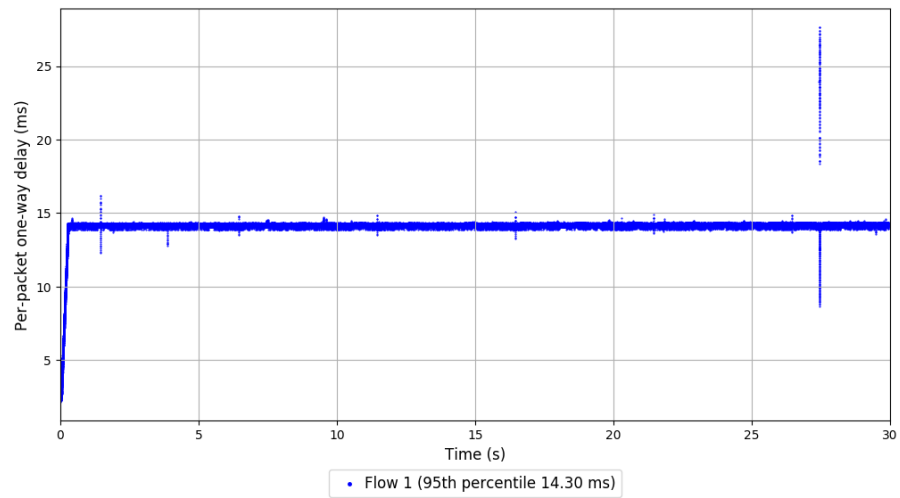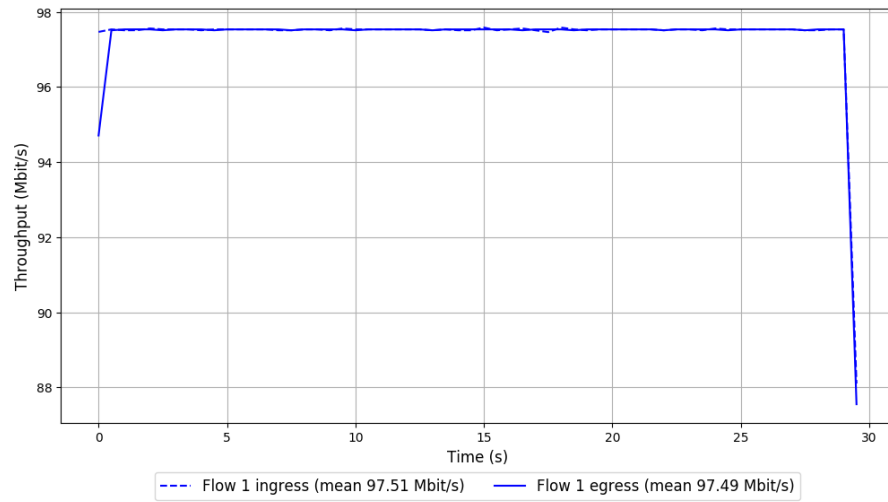
Run 2: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 97.51 Mbit/s) — Flow 1 egress (mean 97.49 Mbit/s)

Flow 1 (95th percentile 14.36 ms)

```
Run 3: Statistics of TCP Cubic

Start at: 2018-01-16 10:45:38
End at: 2018-01-16 10:46:08
Local clock offset: -0.955 ms
Remote clock offset: -0.982 ms


# Below is generated by plot.py at 2018-01-16 16:56:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 14.462 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 14.462 ms
Loss rate: 0.06%
```

Run 3: Report of TCP Cubic — Data Link

```
Run 4: Statistics of TCP Cubic

Start at: 2018-01-16 11:06:10
End at: 2018-01-16 11:06:40
Local clock offset: -1.193 ms
Remote clock offset: -0.162 ms


# Below is generated by plot.py at 2018-01-16 16:56:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 14.300 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 14.300 ms
Loss rate: 0.06%
```
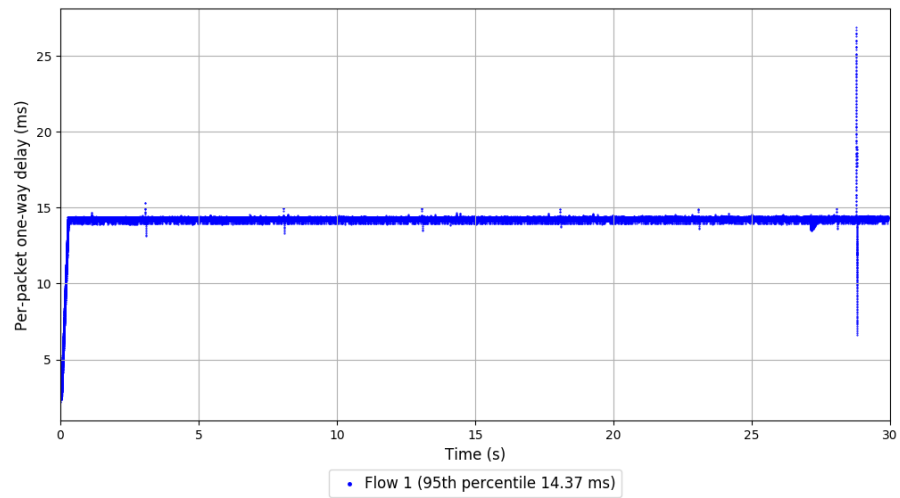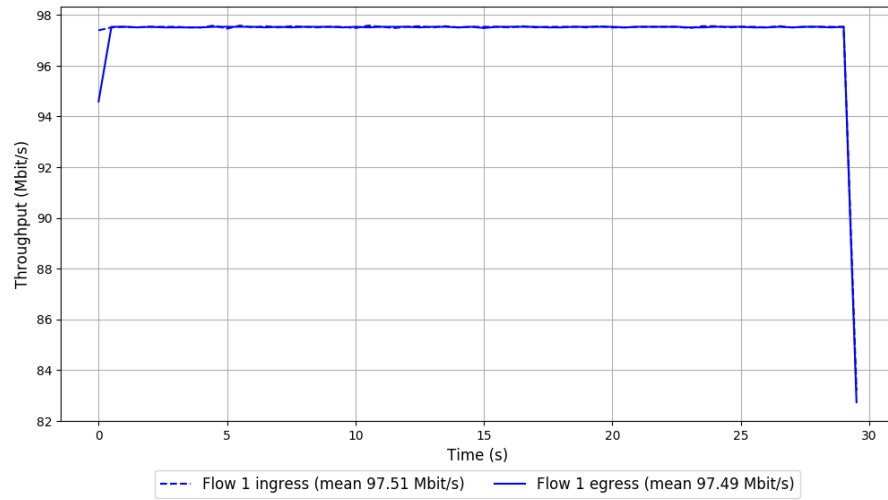
Run 4: Report of TCP Cubic — Data Link

```
Run 5: Statistics of TCP Cubic

Start at: 2018-01-16 11:26:43
End at: 2018-01-16 11:27:13
Local clock offset: -1.723 ms
Remote clock offset: 0.501 ms


# Below is generated by plot.py at 2018-01-16 16:56:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 14.374 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 14.374 ms
Loss rate: 0.06%
```
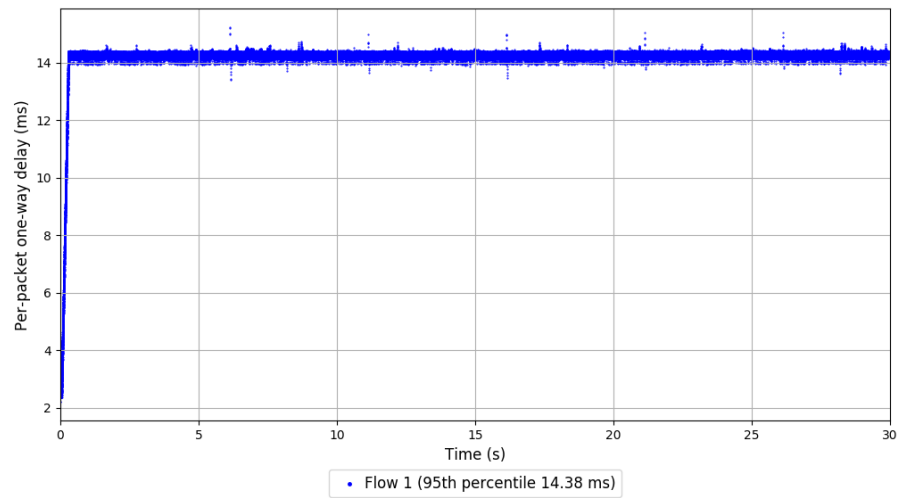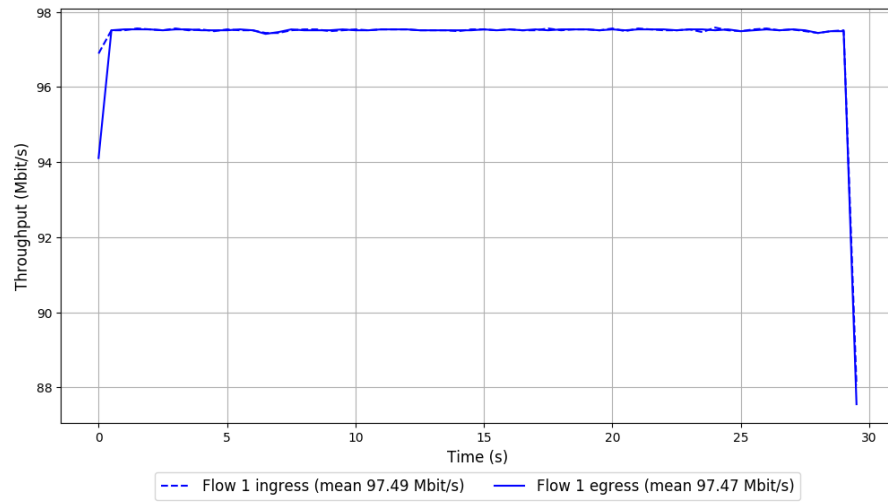
Run 5: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 97.51 Mbit/s) --- Flow 1 egress (mean 97.49 Mbit/s)

Flow 1 (95th percentile 14.37 ms)

```
Run 6: Statistics of TCP Cubic

Start at: 2018-01-16 11:47:17
End at: 2018-01-16 11:47:47
Local clock offset: -2.524 ms
Remote clock offset: 0.637 ms


# Below is generated by plot.py at 2018-01-16 16:56:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 14.375 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 14.375 ms
Loss rate: 0.06%
```
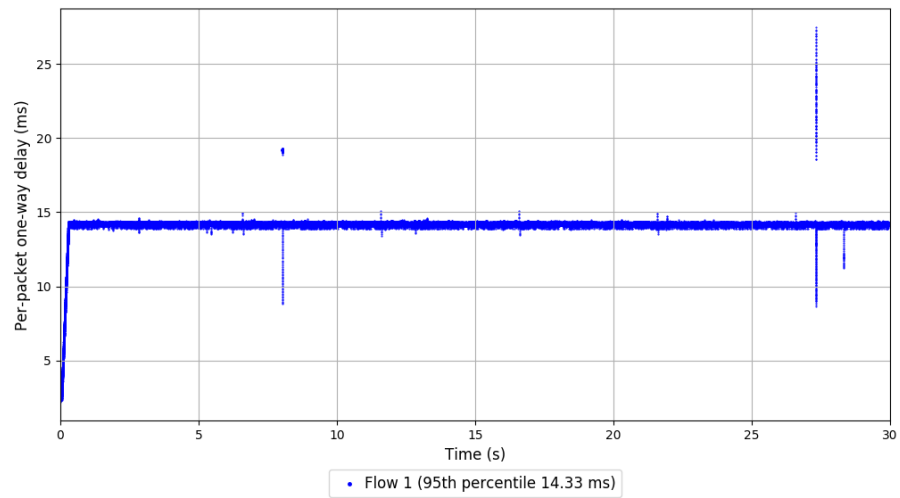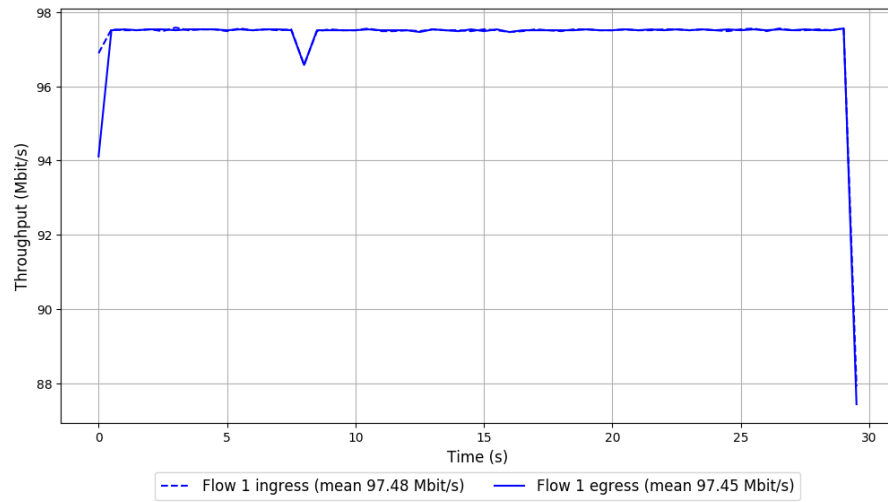
Run 6: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 97.49 Mbit/s) --- Flow 1 egress (mean 97.47 Mbit/s)

Flow 1 (95th percentile 14.38 ms)

```
Run 7: Statistics of TCP Cubic

Start at: 2018-01-16 12:07:51
End at: 2018-01-16 12:08:21
Local clock offset: -2.147 ms
Remote clock offset: 0.754 ms


# Below is generated by plot.py at 2018-01-16 16:58:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.45 Mbit/s
95th percentile per-packet one-way delay: 14.326 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.45 Mbit/s
95th percentile per-packet one-way delay: 14.326 ms
Loss rate: 0.06%
```
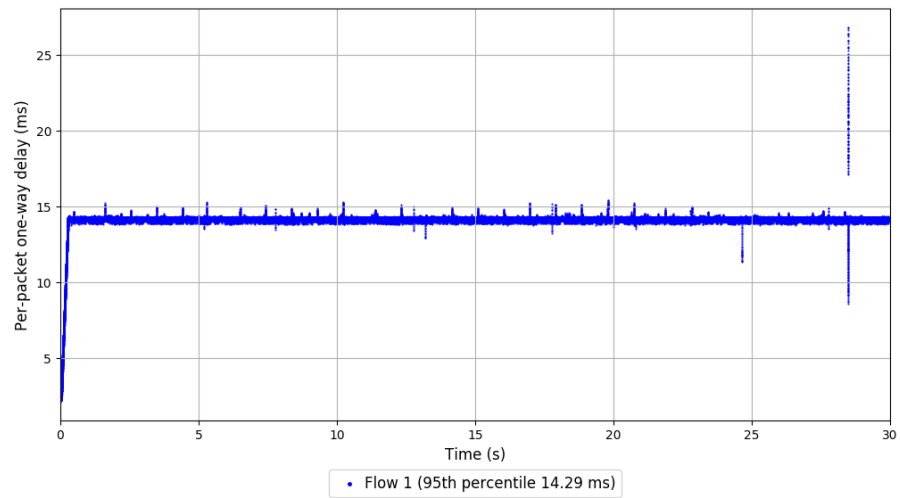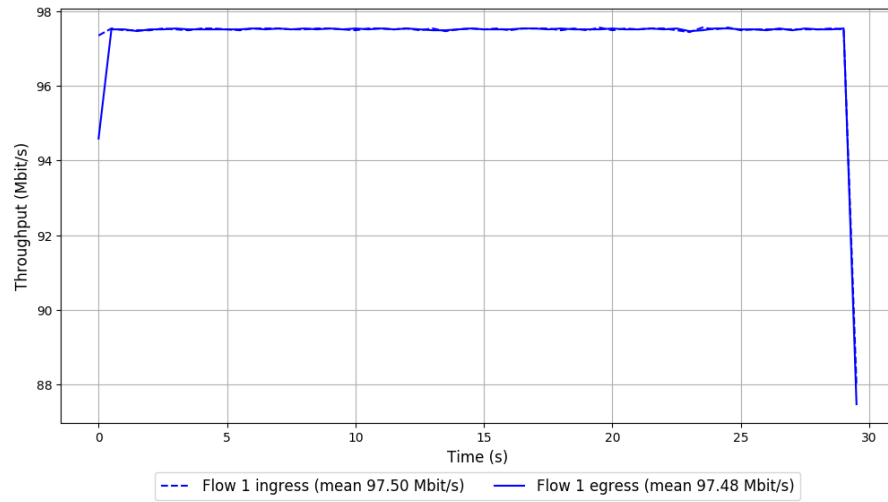
Run 7: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 97.48 Mbit/s) --- Flow 1 egress (mean 97.45 Mbit/s)

Flow 1 (95th percentile 14.33 ms)

```
Run 8: Statistics of TCP Cubic

Start at: 2018-01-16 12:28:24
End at: 2018-01-16 12:28:54
Local clock offset: -1.715 ms
Remote clock offset: 0.791 ms


# Below is generated by plot.py at 2018-01-16 16:58:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 14.293 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 14.293 ms
Loss rate: 0.06%
```
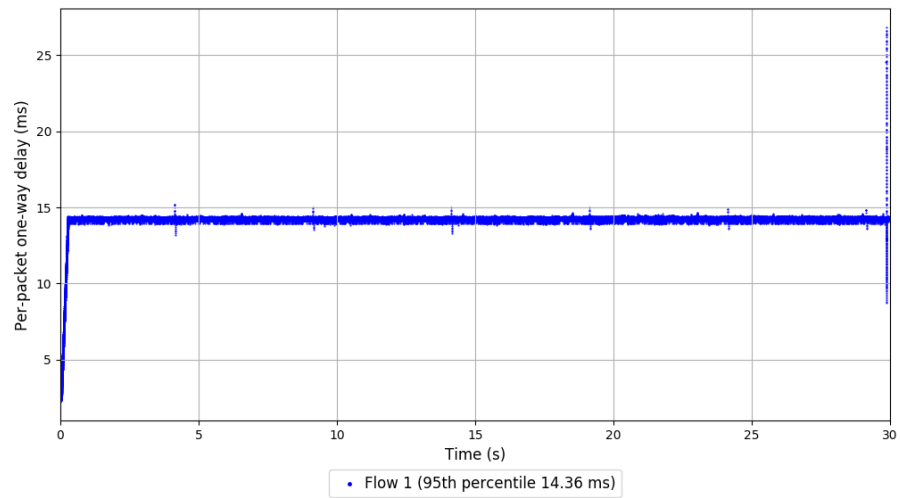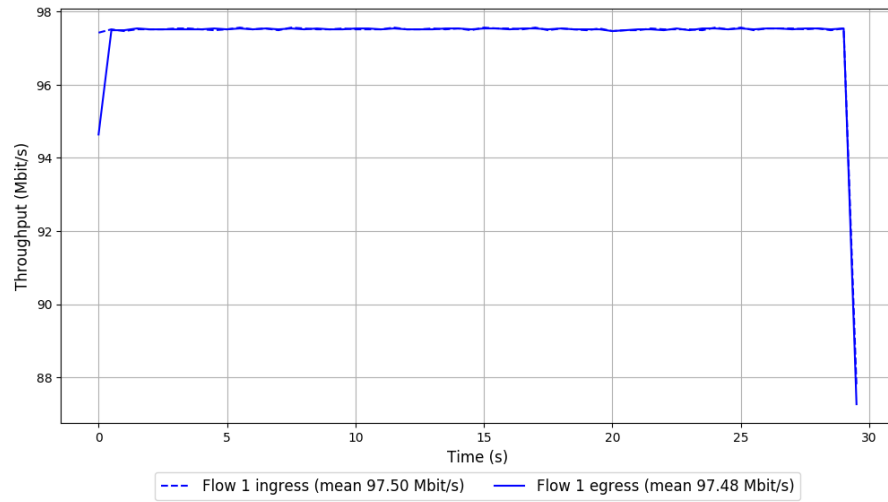
Run 8: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 97.50 Mbit/s)   Flow 1 egress (mean 97.48 Mbit/s)

Flow 1 (95th percentile 14.29 ms)

```
Run 9: Statistics of TCP Cubic

Start at: 2018-01-16 12:48:58
End at: 2018-01-16 12:49:28
Local clock offset: -1.638 ms
Remote clock offset: 0.844 ms


# Below is generated by plot.py at 2018-01-16 16:58:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 14.359 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 14.359 ms
Loss rate: 0.06%
```
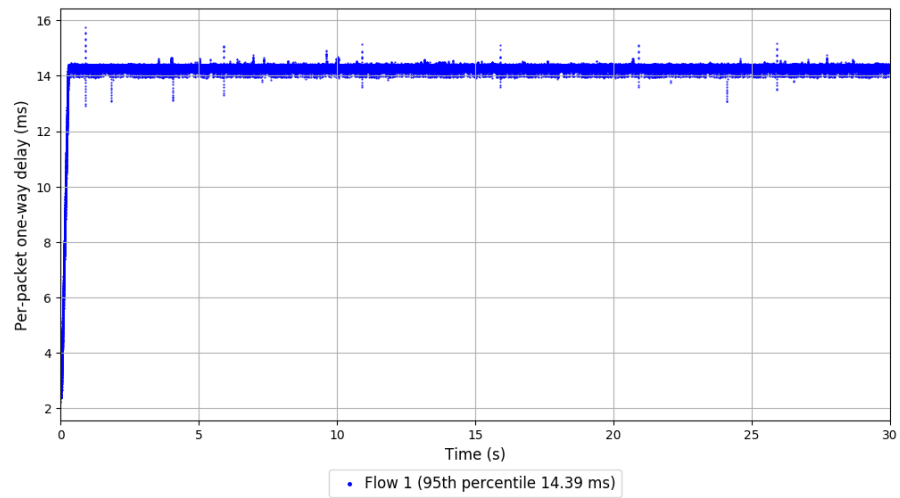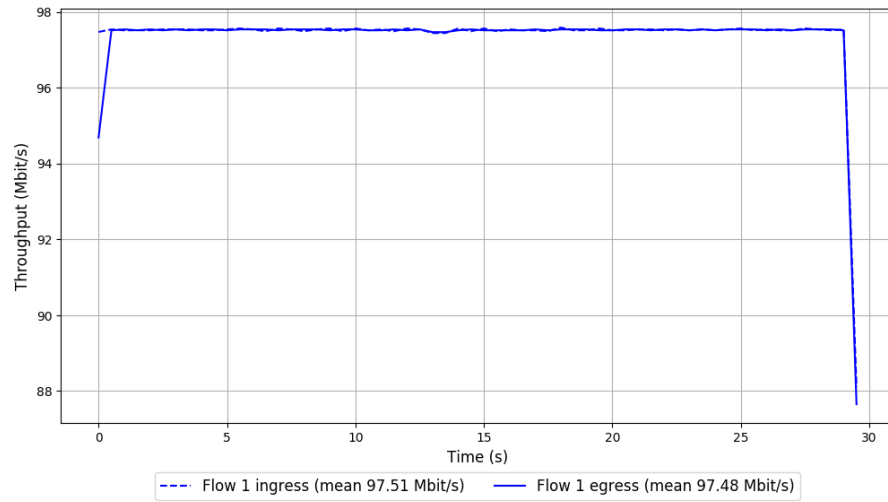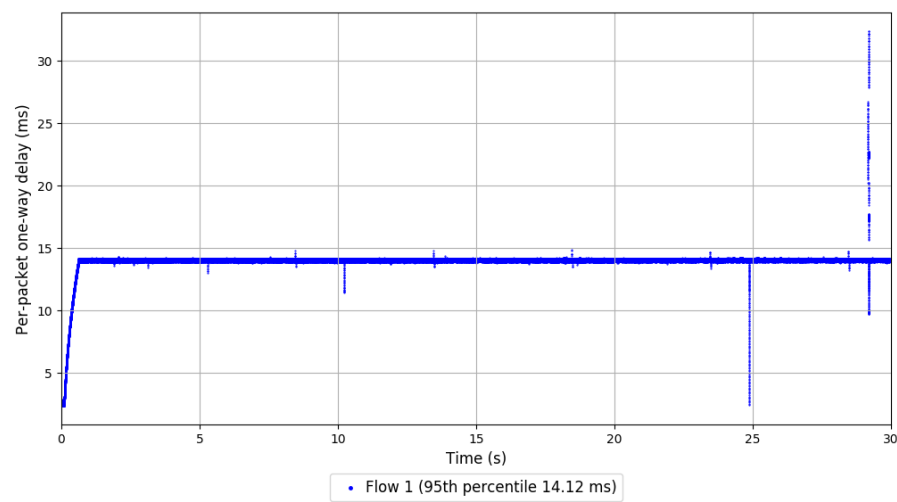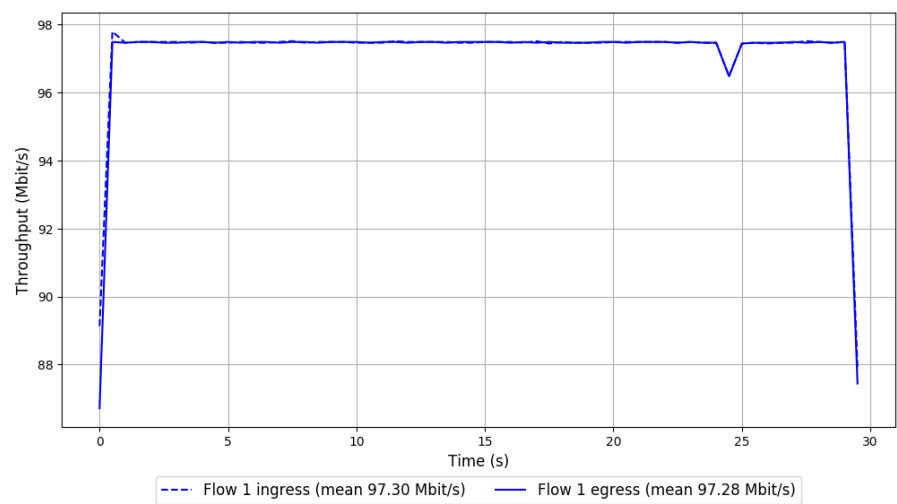
Run 9: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 97.50 Mbit/s)   Flow 1 egress (mean 97.48 Mbit/s)

Flow 1 (95th percentile 14.36 ms)

```
Run 10: Statistics of TCP Cubic

Start at: 2018-01-16 13:09:31
End at: 2018-01-16 13:10:01
Local clock offset: -2.231 ms
Remote clock offset: 0.682 ms


# Below is generated by plot.py at 2018-01-16 16:58:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 14.388 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 14.388 ms
Loss rate: 0.06%
```
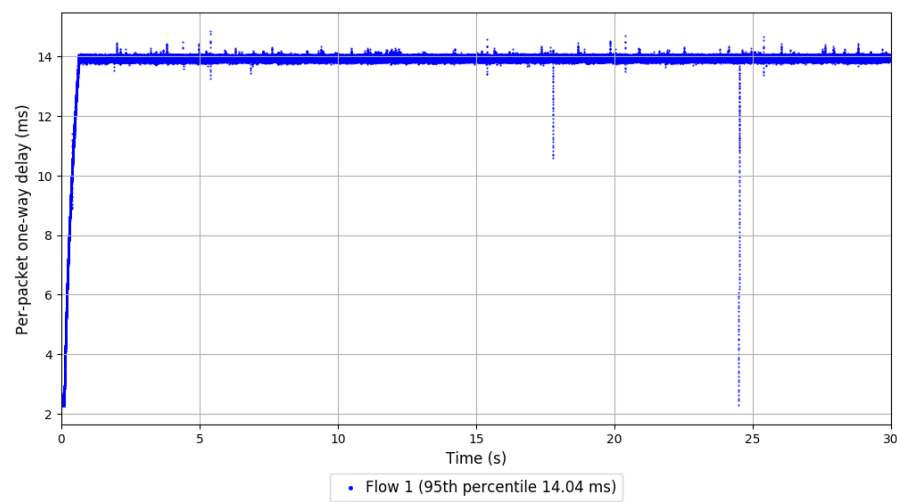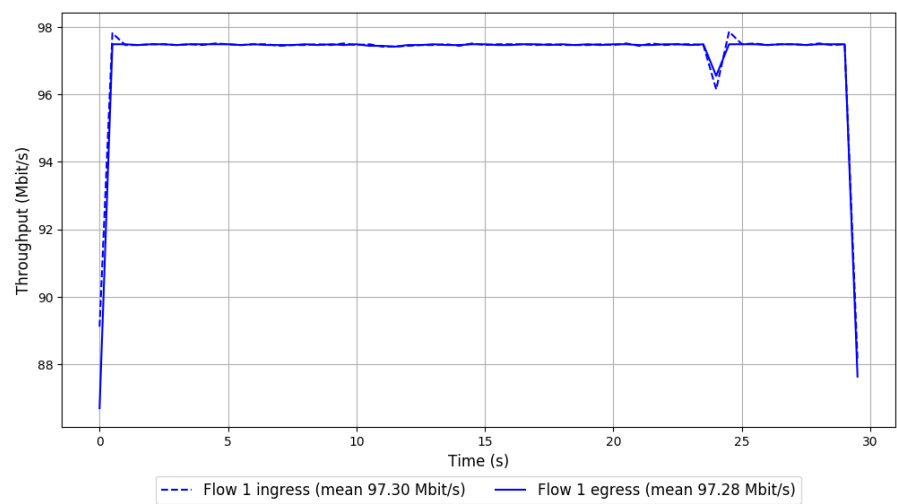
Run 10: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 97.51 Mbit/s) ----   Flow 1 egress (mean 97.48 Mbit/s) ——

Flow 1 (95th percentile 14.39 ms)

```
Run 1: Statistics of LEDBAT

Start at: 2018-01-16 10:08:04
End at: 2018-01-16 10:08:34
Local clock offset: -0.062 ms
Remote clock offset: -1.285 ms


# Below is generated by plot.py at 2018-01-16 16:58:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.28 Mbit/s
95th percentile per-packet one-way delay: 14.121 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.28 Mbit/s
95th percentile per-packet one-way delay: 14.121 ms
Loss rate: 0.06%
```

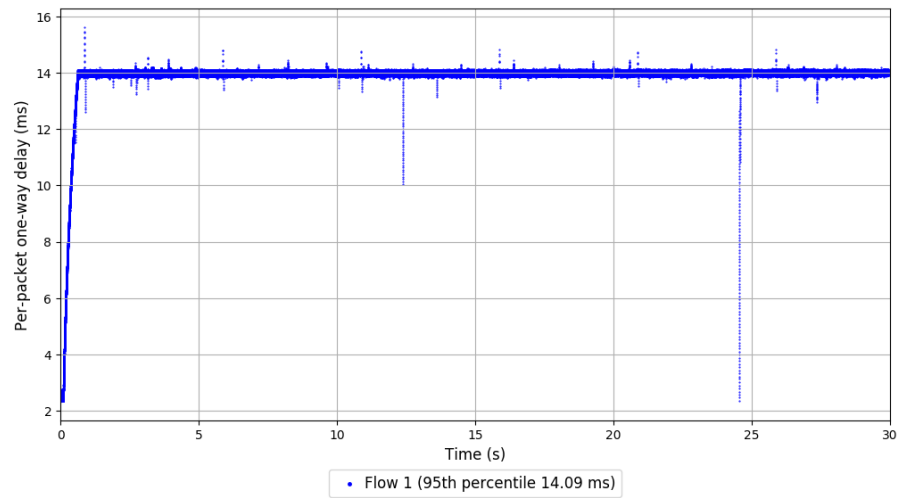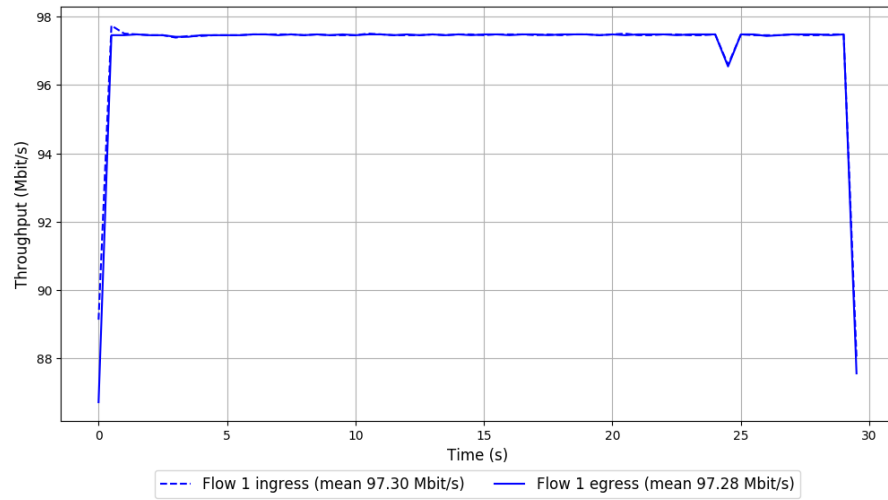# Run 1: Report of LEDBAT — Data Link

```
Run 2: Statistics of LEDBAT

Start at: 2018-01-16 10:28:37
End at: 2018-01-16 10:29:07
Local clock offset: -0.853 ms
Remote clock offset: -1.191 ms


# Below is generated by plot.py at 2018-01-16 16:58:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.28 Mbit/s
95th percentile per-packet one-way delay: 14.039 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.28 Mbit/s
95th percentile per-packet one-way delay: 14.039 ms
Loss rate: 0.06%
```

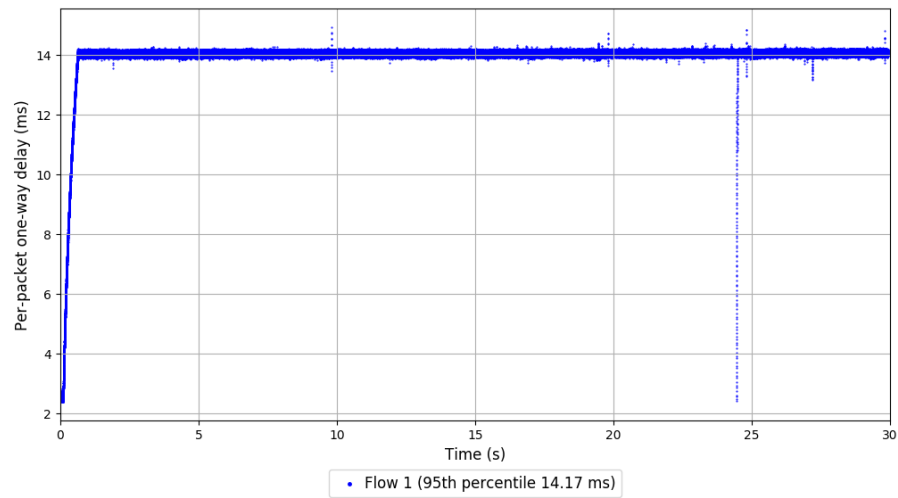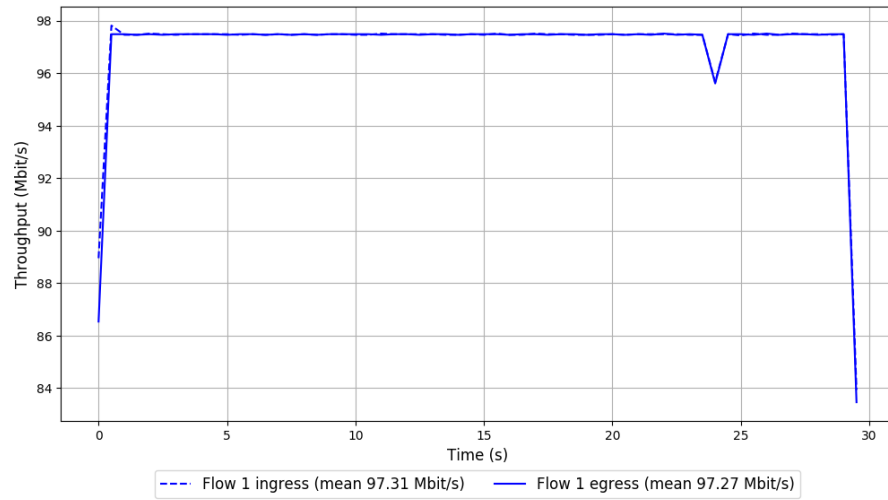Run 2: Report of LEDBAT — Data Link

```
Run 3: Statistics of LEDBAT

Start at: 2018-01-16 10:49:06
End at: 2018-01-16 10:49:36
Local clock offset: -0.981 ms
Remote clock offset: -0.784 ms


# Below is generated by plot.py at 2018-01-16 16:58:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.28 Mbit/s
95th percentile per-packet one-way delay: 14.086 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 97.28 Mbit/s
95th percentile per-packet one-way delay: 14.086 ms
Loss rate: 0.05%
```
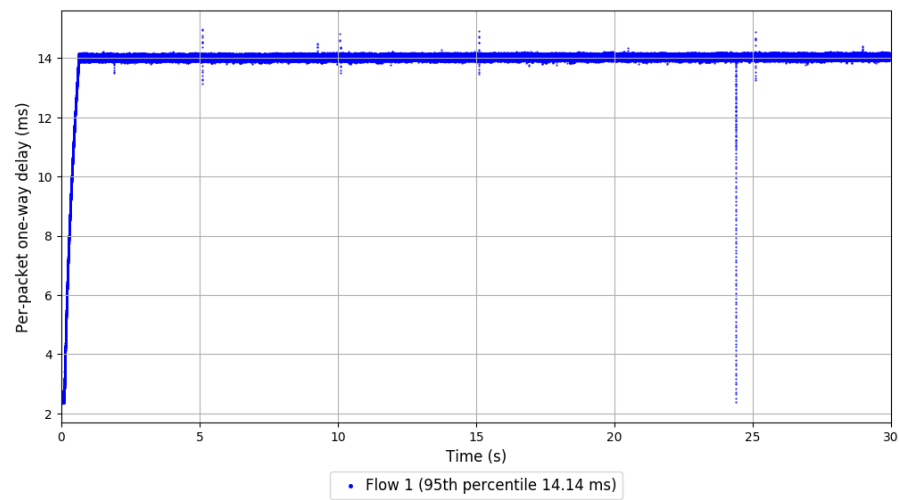
Run 3: Report of LEDBAT — Data Link

Flow 1 ingress (mean 97.30 Mbit/s) --- Flow 1 egress (mean 97.28 Mbit/s)

Flow 1 (95th percentile 14.09 ms)

```
Run 4: Statistics of LEDBAT

Start at: 2018-01-16 11:09:37
End at: 2018-01-16 11:10:07
Local clock offset: -1.171 ms
Remote clock offset: -0.092 ms

# Below is generated by plot.py at 2018-01-16 16:58:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.27 Mbit/s
95th percentile per-packet one-way delay: 14.167 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.27 Mbit/s
95th percentile per-packet one-way delay: 14.167 ms
Loss rate: 0.06%
```
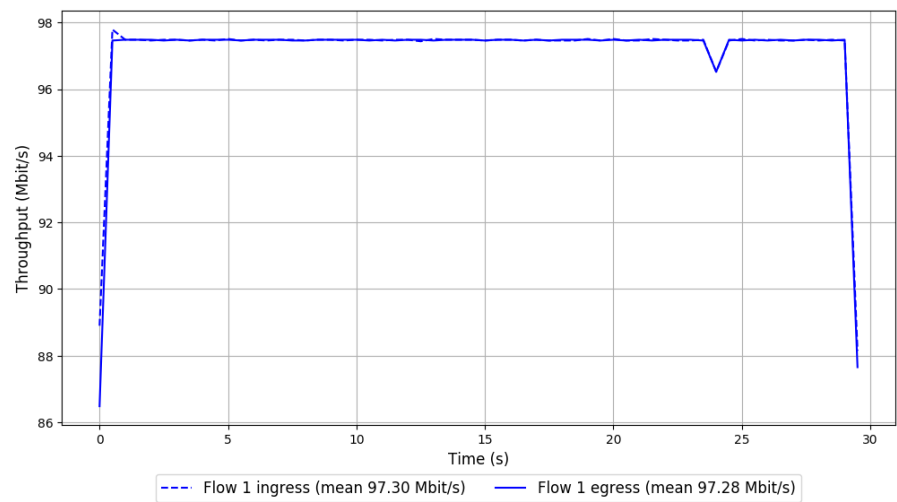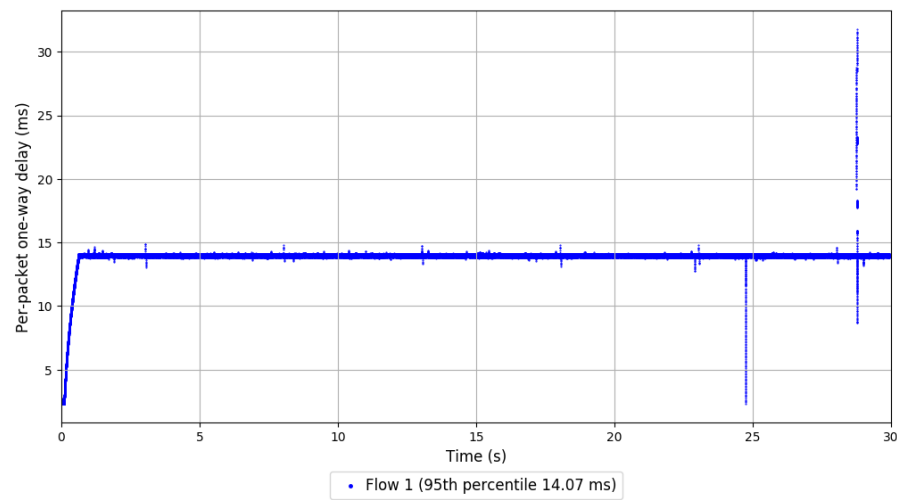
Run 4: Report of LEDBAT — Data Link

Flow 1 ingress (mean 97.31 Mbit/s)   Flow 1 egress (mean 97.27 Mbit/s)

Flow 1 (95th percentile 14.17 ms)

```
Run 5: Statistics of LEDBAT

Start at: 2018-01-16 11:30:11
End at: 2018-01-16 11:30:41
Local clock offset: -1.858 ms
Remote clock offset: 0.576 ms


# Below is generated by plot.py at 2018-01-16 16:59:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.28 Mbit/s
95th percentile per-packet one-way delay: 14.136 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.28 Mbit/s
95th percentile per-packet one-way delay: 14.136 ms
Loss rate: 0.06%
```
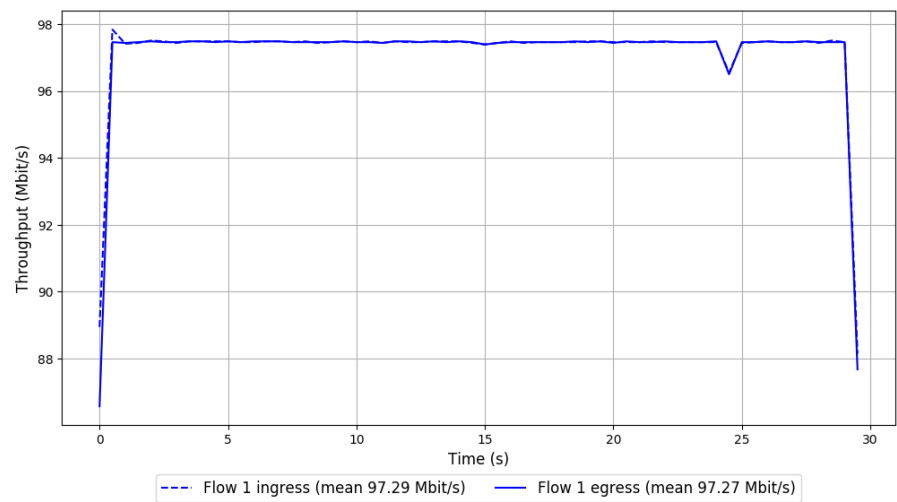
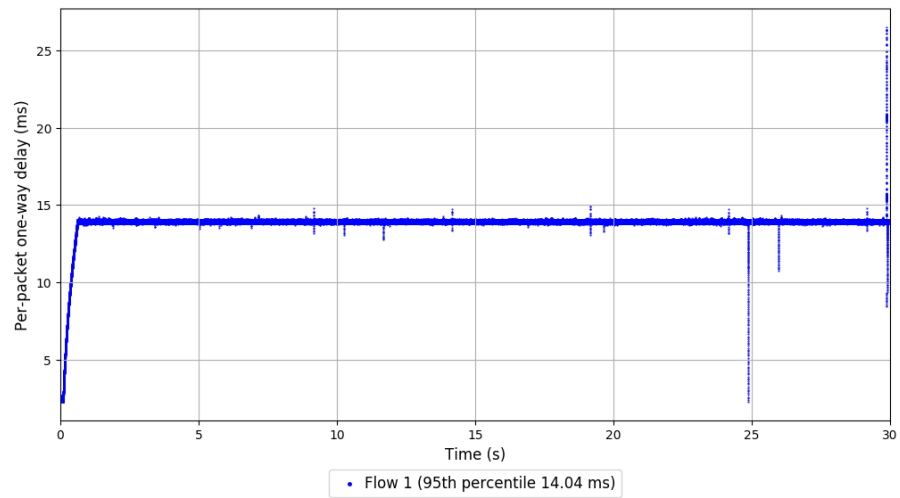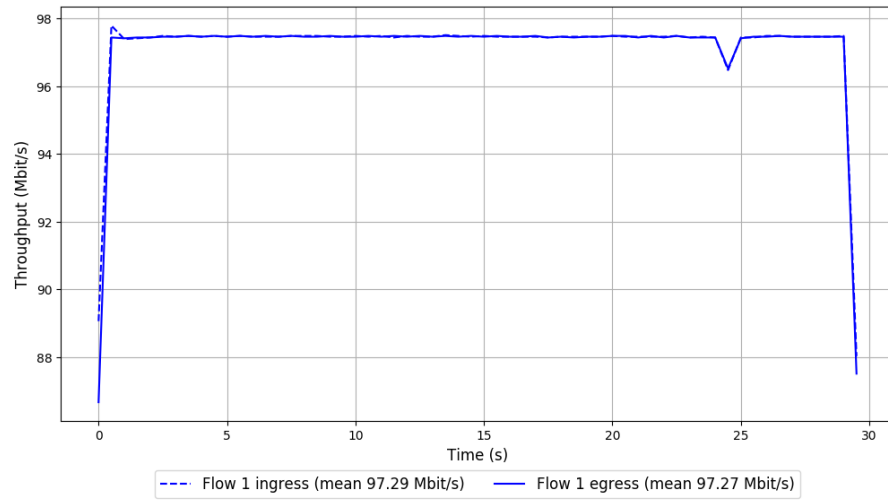## Run 5: Report of LEDBAT — Data Link

Flow 1 ingress (mean 97.30 Mbit/s)   Flow 1 egress (mean 97.28 Mbit/s)

• Flow 1 (95th percentile 14.14 ms)

```
Run 6: Statistics of LEDBAT

Start at: 2018-01-16 11:50:45
End at: 2018-01-16 11:51:15
Local clock offset: -2.574 ms
Remote clock offset: 0.654 ms


# Below is generated by plot.py at 2018-01-16 16:59:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.27 Mbit/s
95th percentile per-packet one-way delay: 14.073 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.27 Mbit/s
95th percentile per-packet one-way delay: 14.073 ms
Loss rate: 0.06%
```
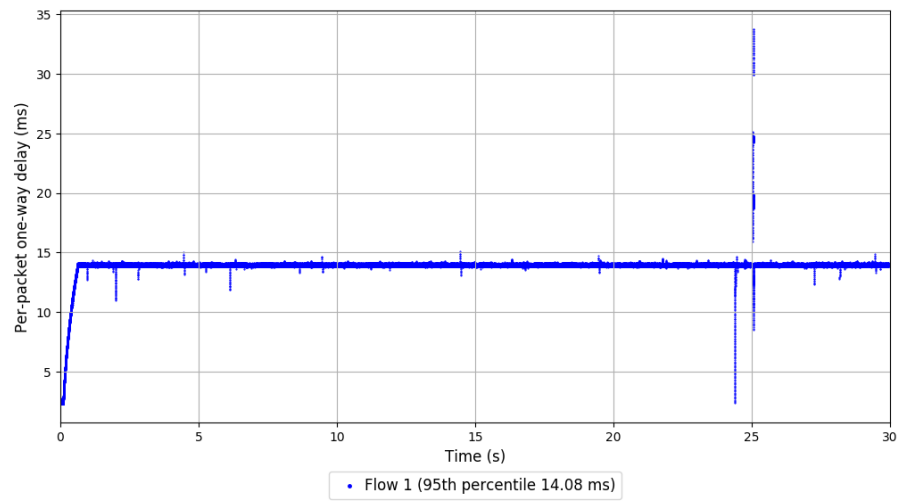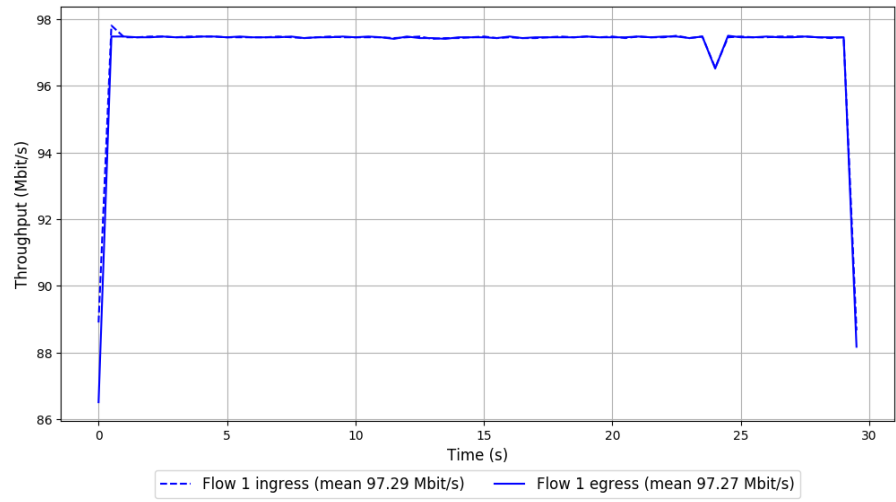
Run 6: Report of LEDBAT — Data Link

Flow 1 ingress (mean 97.29 Mbit/s) ----   Flow 1 egress (mean 97.27 Mbit/s) ——

• Flow 1 (95th percentile 14.07 ms)

```
Run 7: Statistics of LEDBAT

Start at: 2018-01-16 12:11:19
End at: 2018-01-16 12:11:49
Local clock offset: -2.083 ms
Remote clock offset: 0.759 ms


# Below is generated by plot.py at 2018-01-16 16:59:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.27 Mbit/s
95th percentile per-packet one-way delay: 14.042 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.27 Mbit/s
95th percentile per-packet one-way delay: 14.042 ms
Loss rate: 0.06%
```
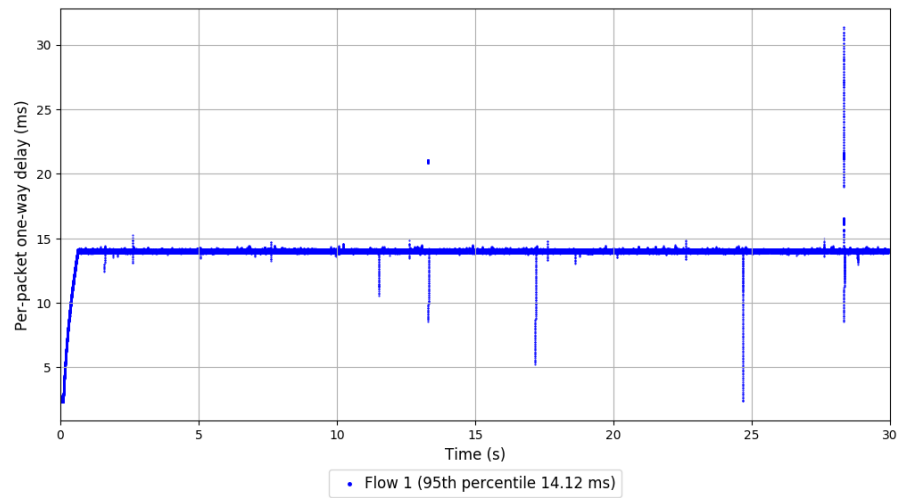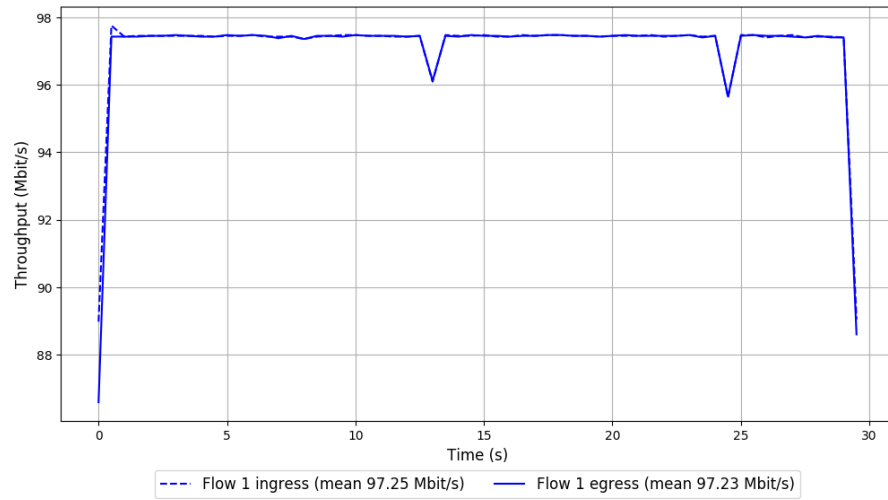
Run 7: Report of LEDBAT — Data Link

```
Run 8: Statistics of LEDBAT

Start at: 2018-01-16 12:31:53
End at: 2018-01-16 12:32:23
Local clock offset: -1.65 ms
Remote clock offset: 0.774 ms


# Below is generated by plot.py at 2018-01-16 16:59:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.27 Mbit/s
95th percentile per-packet one-way delay: 14.083 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.27 Mbit/s
95th percentile per-packet one-way delay: 14.083 ms
Loss rate: 0.06%
```
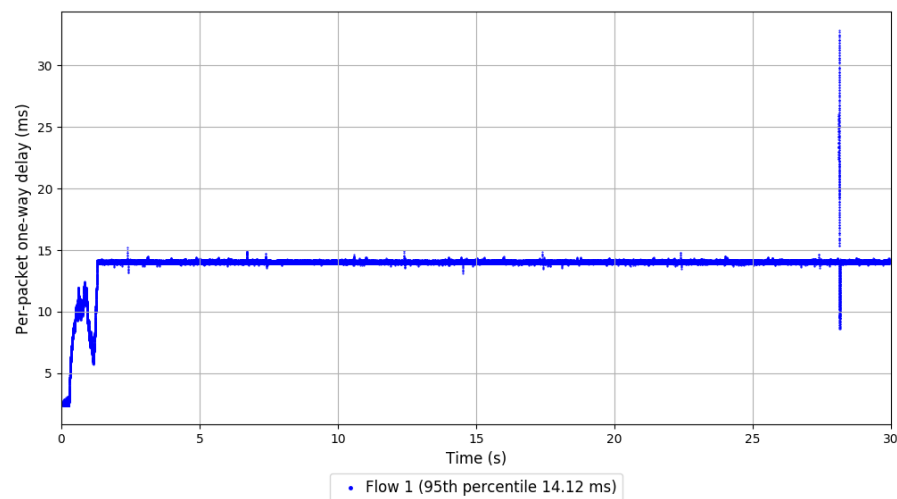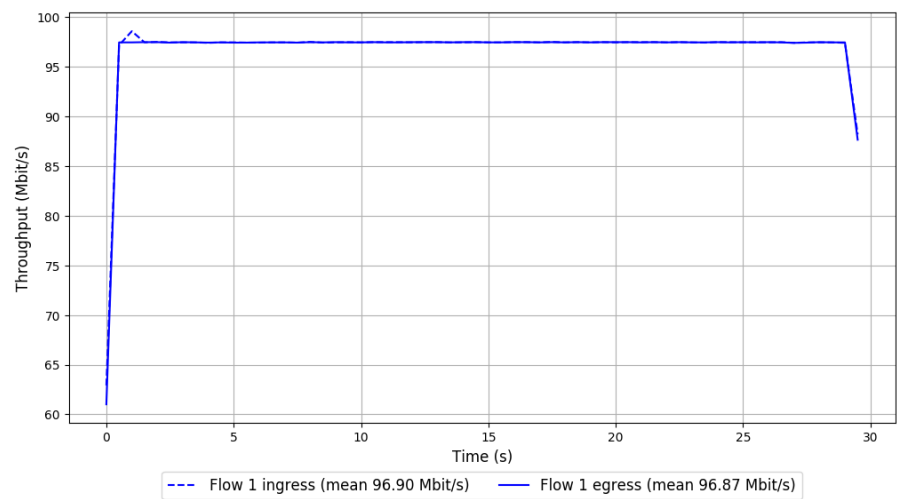
Run 8: Report of LEDBAT — Data Link

Flow 1 ingress (mean 97.29 Mbit/s)   ——— Flow 1 egress (mean 97.27 Mbit/s)

• Flow 1 (95th percentile 14.08 ms)

```
Run 9: Statistics of LEDBAT

Start at: 2018-01-16 12:52:24
End at: 2018-01-16 12:52:54
Local clock offset: -1.746 ms
Remote clock offset: 0.82 ms


# Below is generated by plot.py at 2018-01-16 17:00:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.23 Mbit/s
95th percentile per-packet one-way delay: 14.119 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 97.23 Mbit/s
95th percentile per-packet one-way delay: 14.119 ms
Loss rate: 0.05%
```

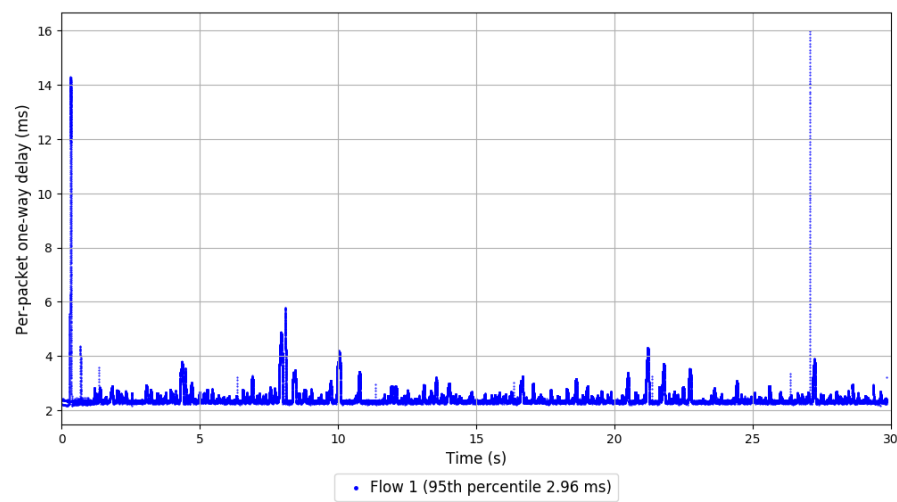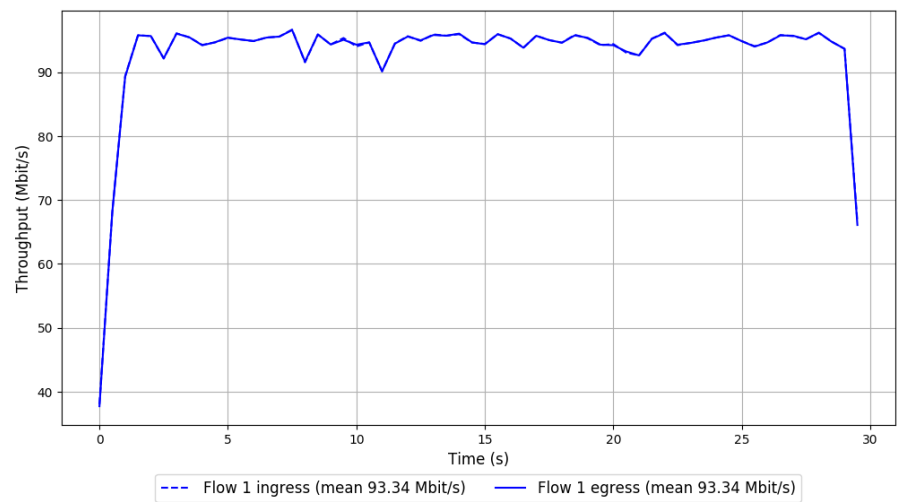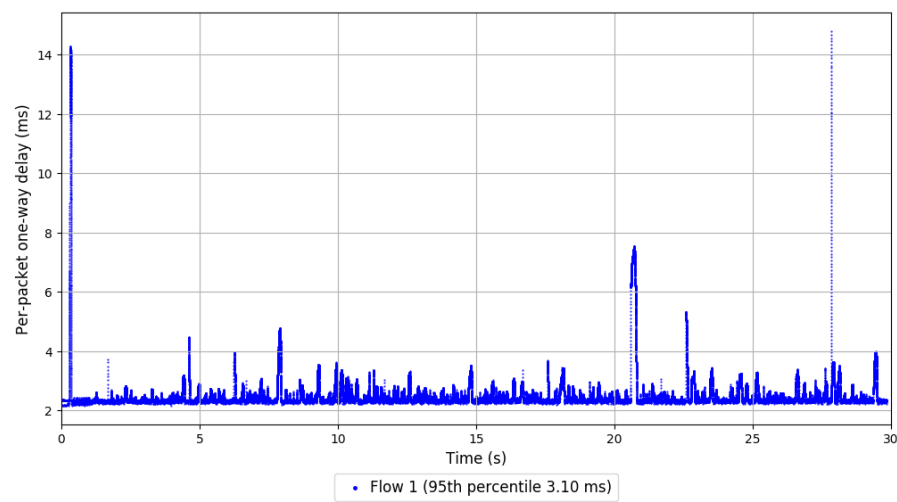## Run 9: Report of LEDBAT — Data Link

Flow 1 ingress (mean 97.25 Mbit/s) ---- Flow 1 egress (mean 97.23 Mbit/s)

• Flow 1 (95th percentile 14.12 ms)

```
Run 10: Statistics of LEDBAT

Start at: 2018-01-16 13:12:59
End at: 2018-01-16 13:13:29
Local clock offset: -2.337 ms
Remote clock offset: 0.636 ms


# Below is generated by plot.py at 2018-01-16 17:00:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.87 Mbit/s
95th percentile per-packet one-way delay: 14.125 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 96.87 Mbit/s
95th percentile per-packet one-way delay: 14.125 ms
Loss rate: 0.06%
```

Run 10: Report of LEDBAT — Data Link

Flow 1 ingress (mean 96.90 Mbit/s) --- Flow 1 egress (mean 96.87 Mbit/s)

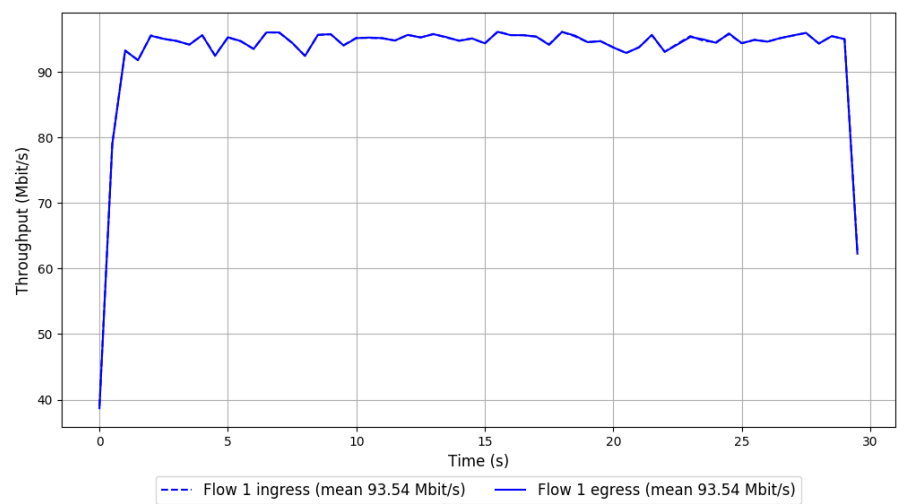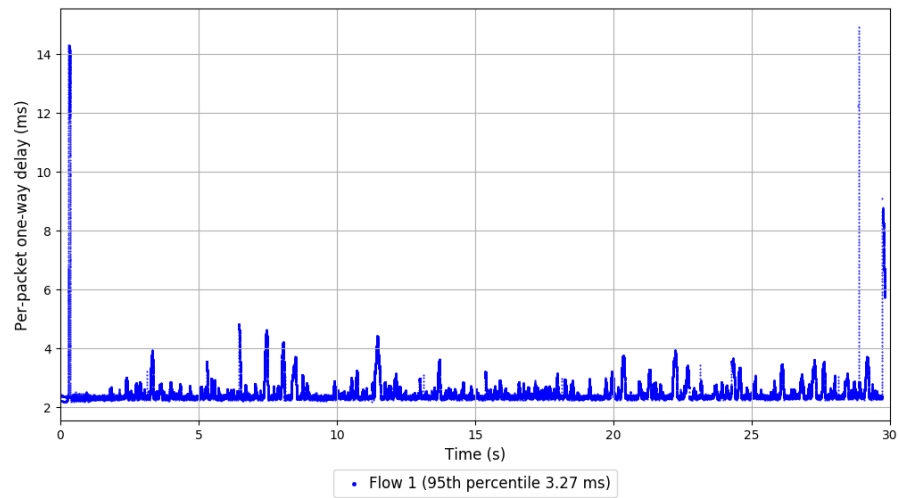• Flow 1 (95th percentile 14.12 ms)

```
Run 1: Statistics of PCC

Start at: 2018-01-16 10:01:06
End at: 2018-01-16 10:01:36
Local clock offset: 0.19 ms
Remote clock offset: -1.147 ms


# Below is generated by plot.py at 2018-01-16 17:00:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.34 Mbit/s
95th percentile per-packet one-way delay: 2.962 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 93.34 Mbit/s
95th percentile per-packet one-way delay: 2.962 ms
Loss rate: 0.02%
```
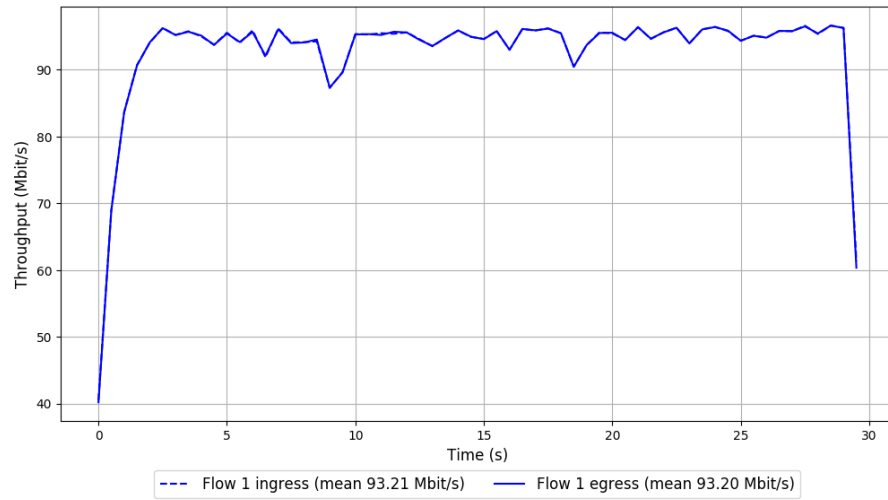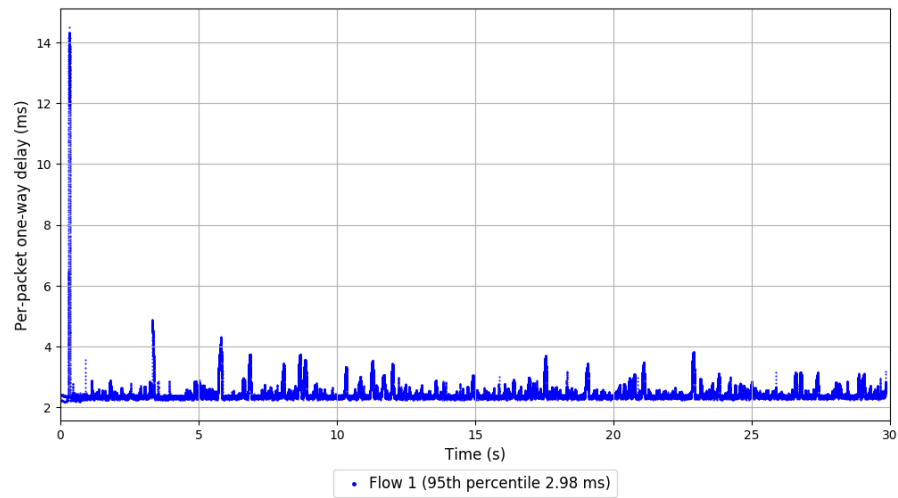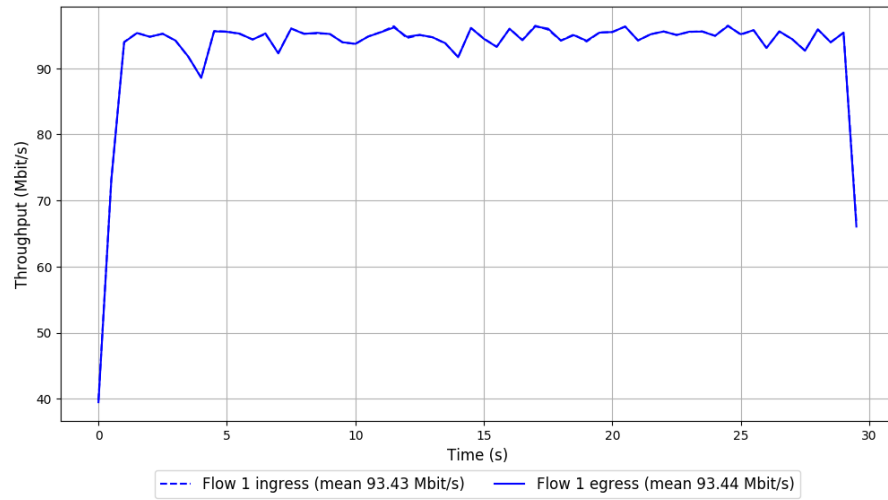
Run 1: Report of PCC — Data Link

Flow 1 ingress (mean 93.34 Mbit/s)   Flow 1 egress (mean 93.34 Mbit/s)

Flow 1 (95th percentile 2.96 ms)

```
Run 2: Statistics of PCC

Start at: 2018-01-16 10:21:40
End at: 2018-01-16 10:22:10
Local clock offset: -0.674 ms
Remote clock offset: -1.227 ms


# Below is generated by plot.py at 2018-01-16 17:00:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.54 Mbit/s
95th percentile per-packet one-way delay: 3.096 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 93.54 Mbit/s
95th percentile per-packet one-way delay: 3.096 ms
Loss rate: 0.01%
```

Run 2: Report of PCC — Data Link

Flow 1 ingress (mean 93.54 Mbit/s)   Flow 1 egress (mean 93.54 Mbit/s)

Flow 1 (95th percentile 3.10 ms)

```
Run 3: Statistics of PCC

Start at: 2018-01-16 10:42:08
End at: 2018-01-16 10:42:38
Local clock offset: -0.945 ms
Remote clock offset: -0.987 ms


# Below is generated by plot.py at 2018-01-16 17:01:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.20 Mbit/s
95th percentile per-packet one-way delay: 3.275 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 93.20 Mbit/s
95th percentile per-packet one-way delay: 3.275 ms
Loss rate: 0.03%
```
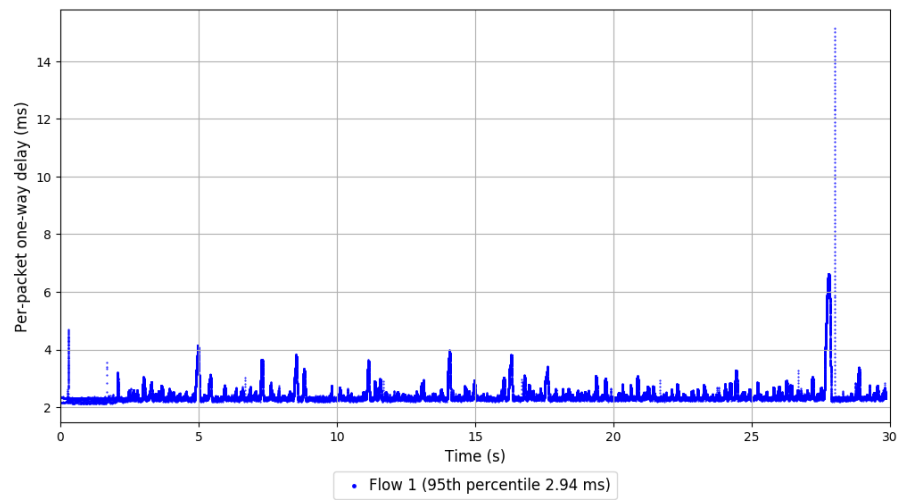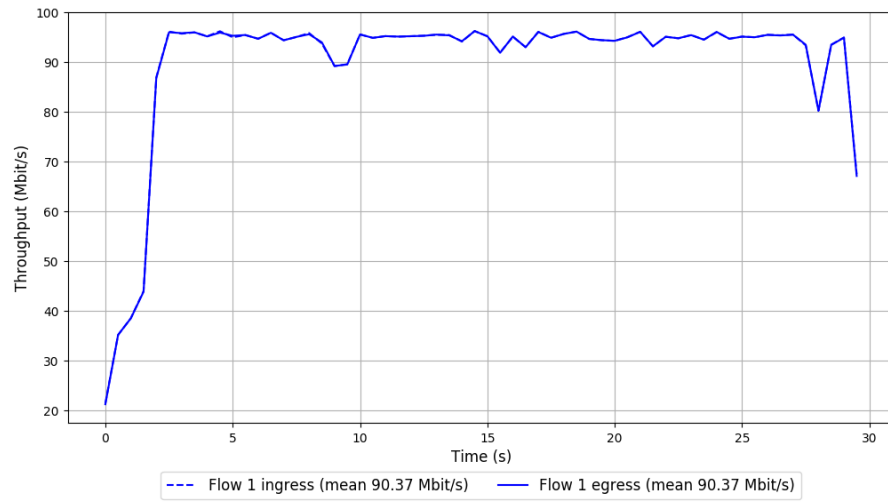
Run 3: Report of PCC — Data Link

Flow 1 ingress (mean 93.21 Mbit/s)   Flow 1 egress (mean 93.20 Mbit/s)

Flow 1 (95th percentile 3.27 ms)

```
Run 4: Statistics of PCC

Start at: 2018-01-16 11:02:40
End at: 2018-01-16 11:03:10
Local clock offset: -1.086 ms
Remote clock offset: -0.272 ms


# Below is generated by plot.py at 2018-01-16 17:01:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.44 Mbit/s
95th percentile per-packet one-way delay: 2.983 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 93.44 Mbit/s
95th percentile per-packet one-way delay: 2.983 ms
Loss rate: 0.02%
```
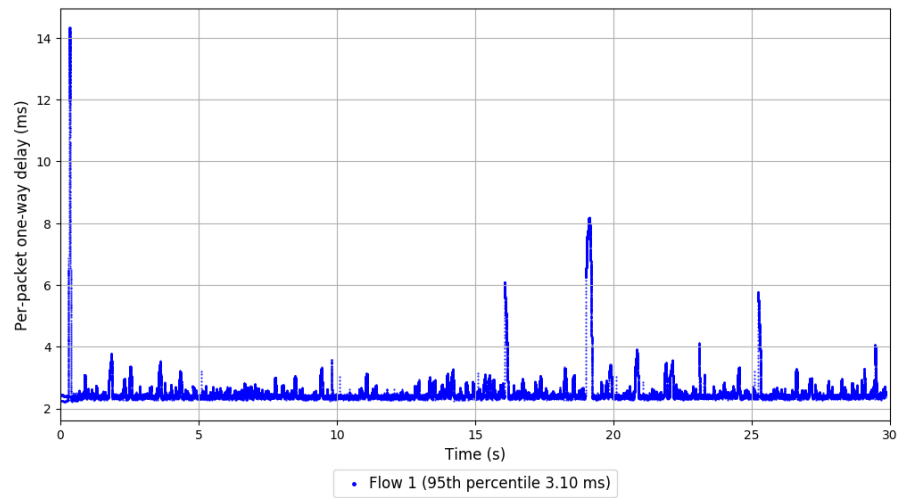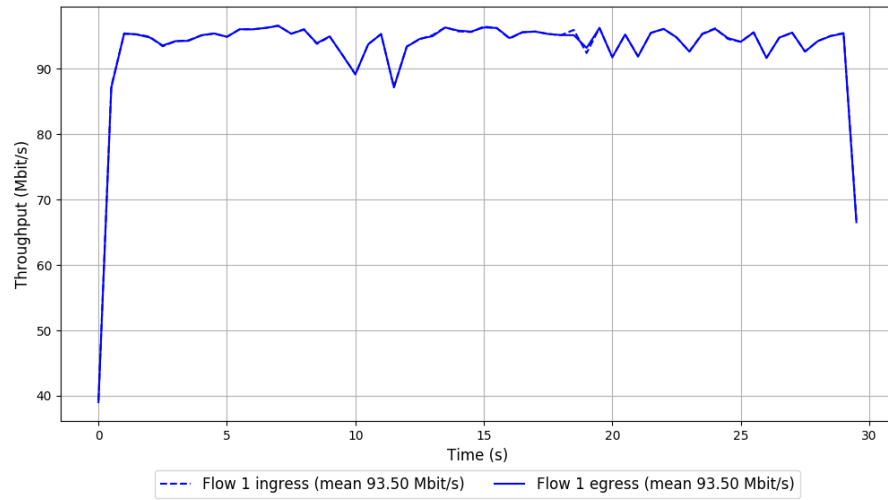
Run 4: Report of PCC — Data Link

Flow 1 ingress (mean 93.43 Mbit/s)   Flow 1 egress (mean 93.44 Mbit/s)

Flow 1 (95th percentile 2.98 ms)

```
Run 5: Statistics of PCC

Start at: 2018-01-16 11:23:14
End at: 2018-01-16 11:23:44
Local clock offset: -1.637 ms
Remote clock offset: 0.421 ms


# Below is generated by plot.py at 2018-01-16 17:01:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.37 Mbit/s
95th percentile per-packet one-way delay: 2.937 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 90.37 Mbit/s
95th percentile per-packet one-way delay: 2.937 ms
Loss rate: 0.02%
```
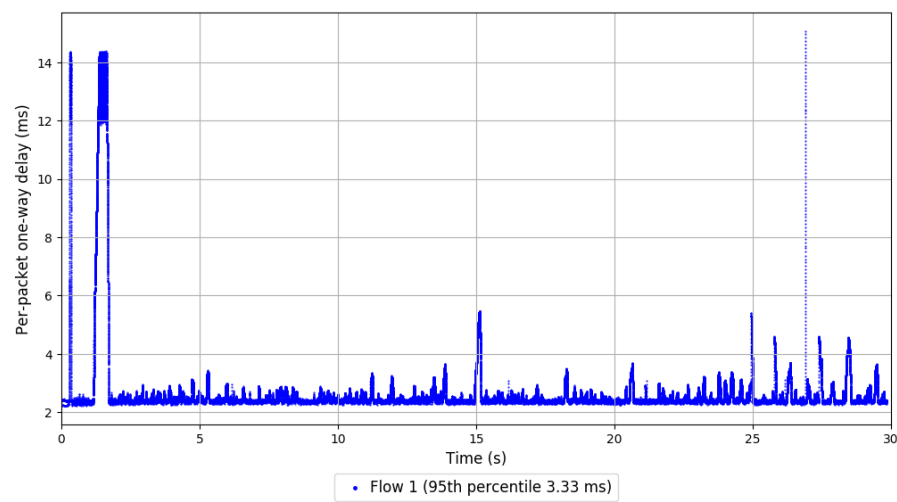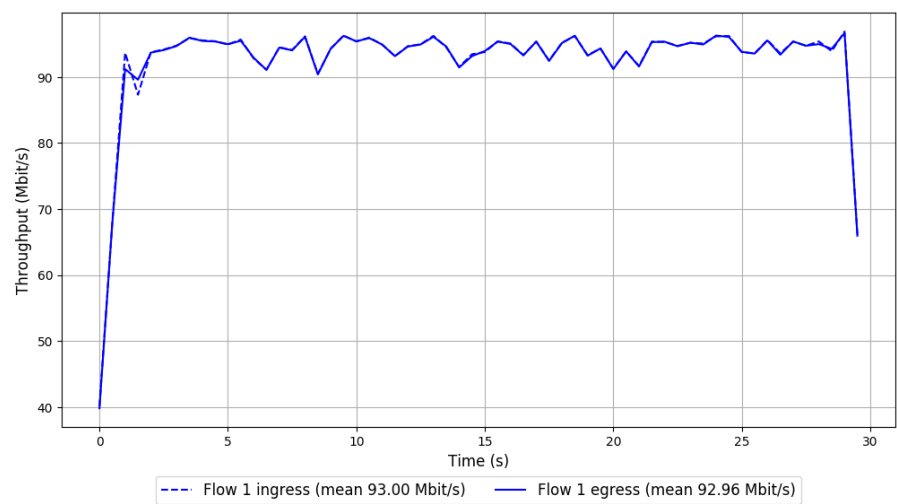
Run 5: Report of PCC — Data Link

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```
Run 6: Statistics of PCC

Start at: 2018-01-16 11:43:48
End at: 2018-01-16 11:44:18
Local clock offset: -2.377 ms
Remote clock offset: 0.615 ms


# Below is generated by plot.py at 2018-01-16 17:01:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.50 Mbit/s
95th percentile per-packet one-way delay: 3.099 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 93.50 Mbit/s
95th percentile per-packet one-way delay: 3.099 ms
Loss rate: 0.02%
```
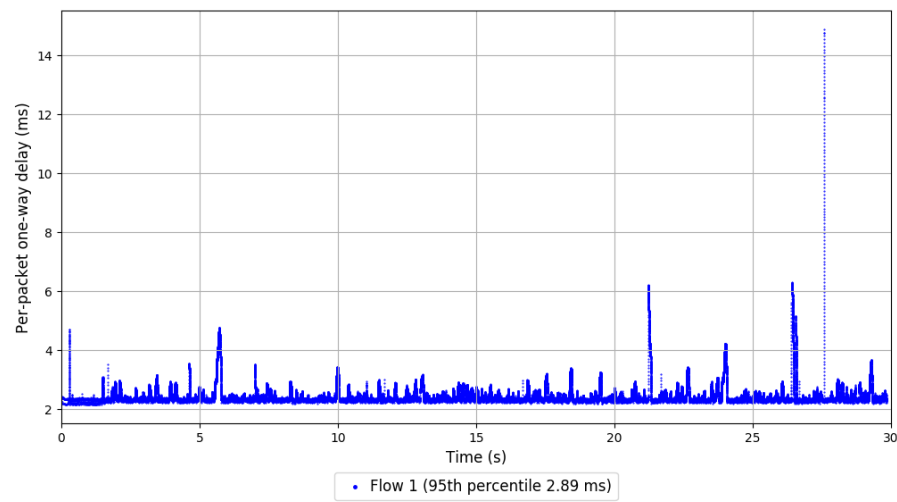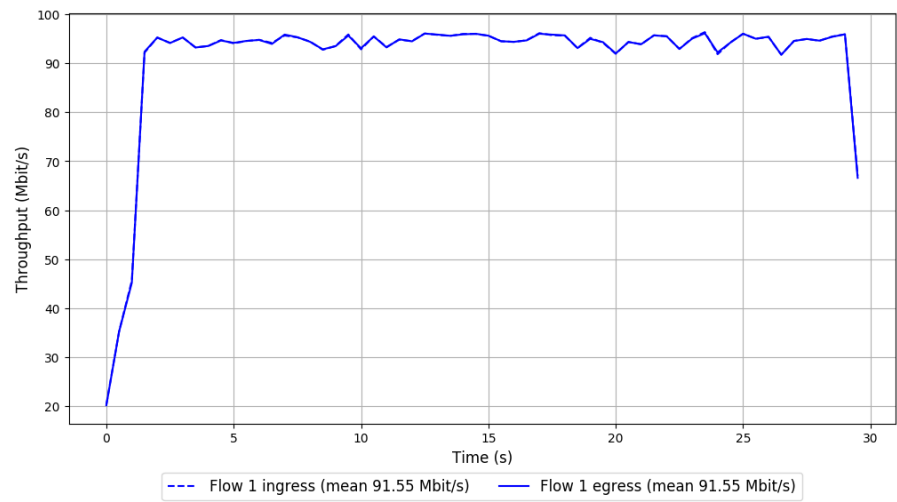
Run 6: Report of PCC — Data Link

```
Run 7: Statistics of PCC

Start at: 2018-01-16 12:04:21
End at: 2018-01-16 12:04:51
Local clock offset: -2.236 ms
Remote clock offset: 0.676 ms


# Below is generated by plot.py at 2018-01-16 17:01:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.96 Mbit/s
95th percentile per-packet one-way delay: 3.325 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 92.96 Mbit/s
95th percentile per-packet one-way delay: 3.325 ms
Loss rate: 0.05%
```
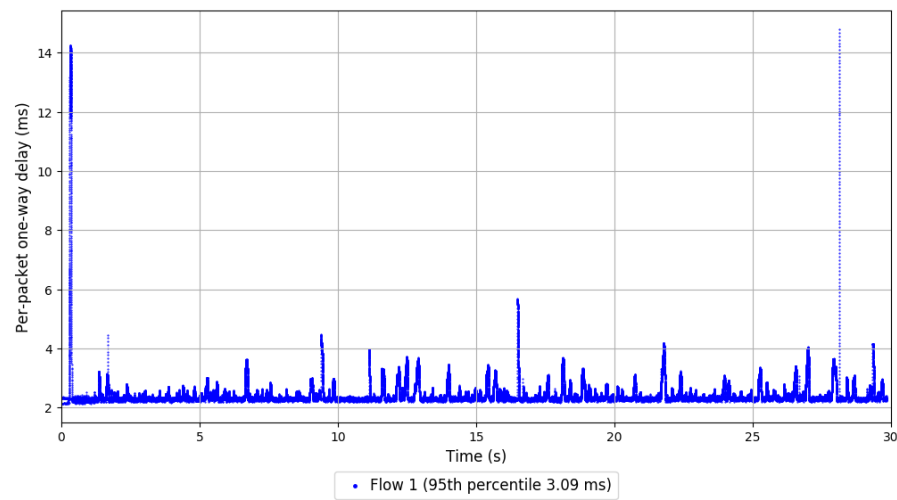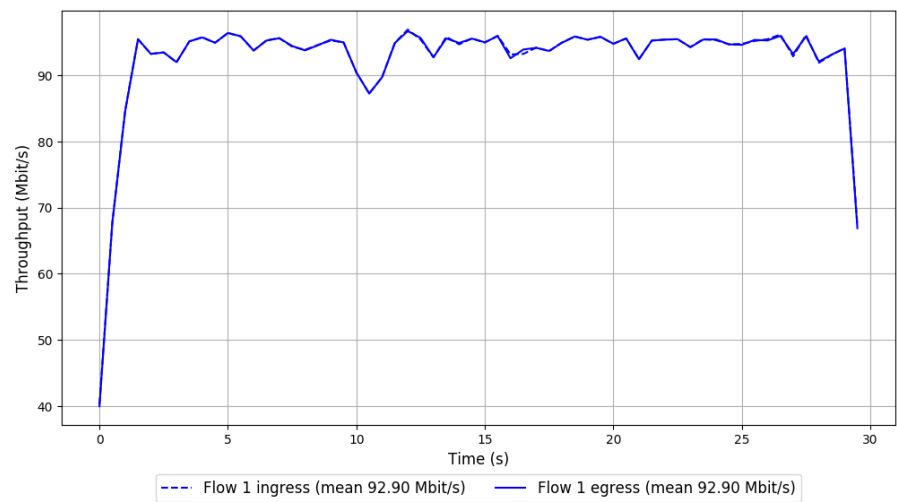
Run 7: Report of PCC — Data Link

```
Run 8: Statistics of PCC

Start at: 2018-01-16 12:24:55
End at: 2018-01-16 12:25:25
Local clock offset: -1.768 ms
Remote clock offset: 0.76 ms


# Below is generated by plot.py at 2018-01-16 17:01:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.55 Mbit/s
95th percentile per-packet one-way delay: 2.886 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 91.55 Mbit/s
95th percentile per-packet one-way delay: 2.886 ms
Loss rate: 0.02%
```
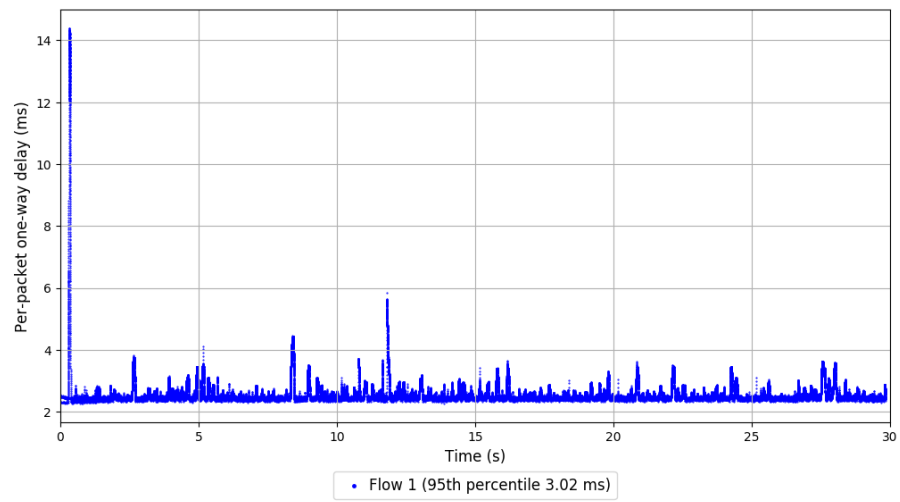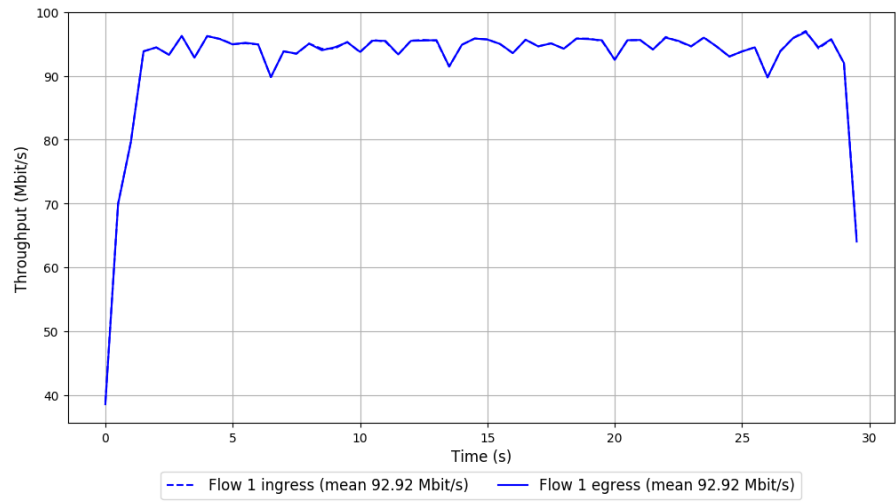
Run 8: Report of PCC — Data Link

Flow 1 ingress (mean 91.55 Mbit/s) — Flow 1 egress (mean 91.55 Mbit/s)

Flow 1 (95th percentile 2.89 ms)

```
Run 9: Statistics of PCC

Start at: 2018-01-16 12:45:29
End at: 2018-01-16 12:45:59
Local clock offset: -1.623 ms
Remote clock offset: 0.866 ms


# Below is generated by plot.py at 2018-01-16 17:01:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.90 Mbit/s
95th percentile per-packet one-way delay: 3.090 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 92.90 Mbit/s
95th percentile per-packet one-way delay: 3.090 ms
Loss rate: 0.02%
```
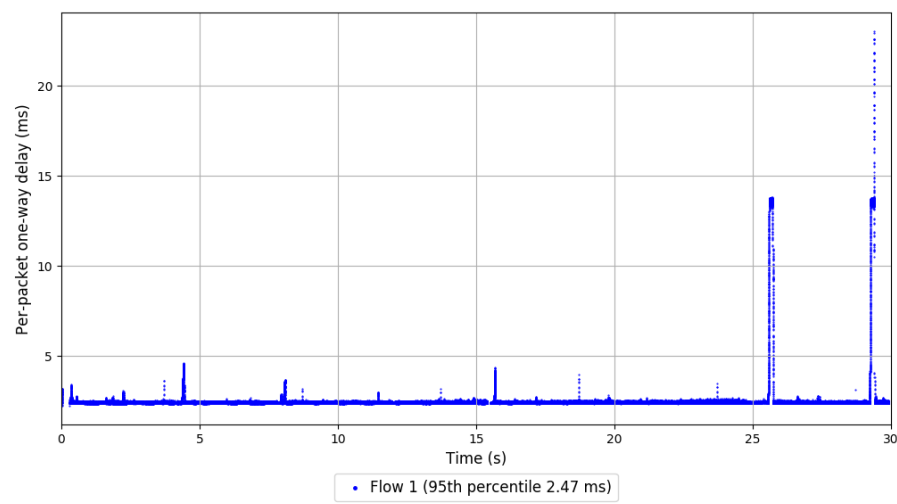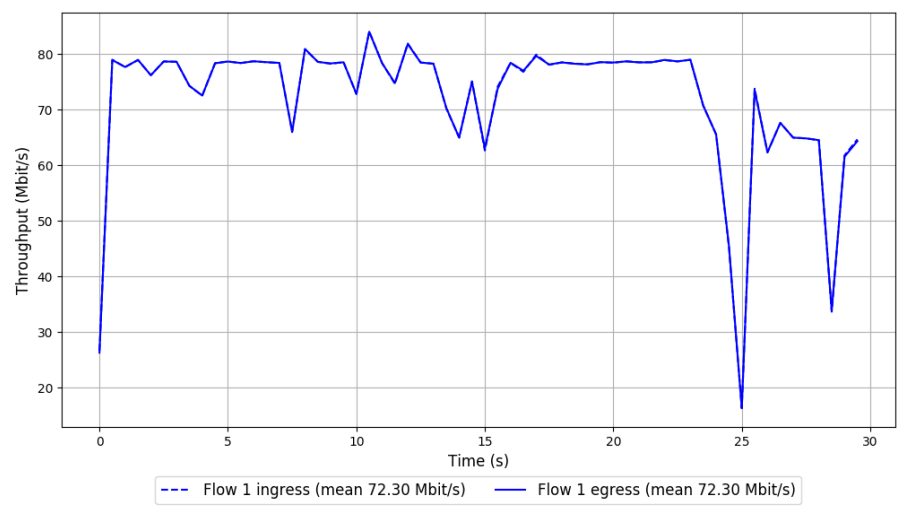
Run 9: Report of PCC — Data Link

Flow 1 ingress (mean 92.90 Mbit/s)   Flow 1 egress (mean 92.90 Mbit/s)

Flow 1 (95th percentile 3.09 ms)

```
Run 10: Statistics of PCC

Start at: 2018-01-16 13:06:01
End at: 2018-01-16 13:06:31
Local clock offset: -2.114 ms
Remote clock offset: 0.685 ms


# Below is generated by plot.py at 2018-01-16 17:01:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.92 Mbit/s
95th percentile per-packet one-way delay: 3.024 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 92.92 Mbit/s
95th percentile per-packet one-way delay: 3.024 ms
Loss rate: 0.02%
```

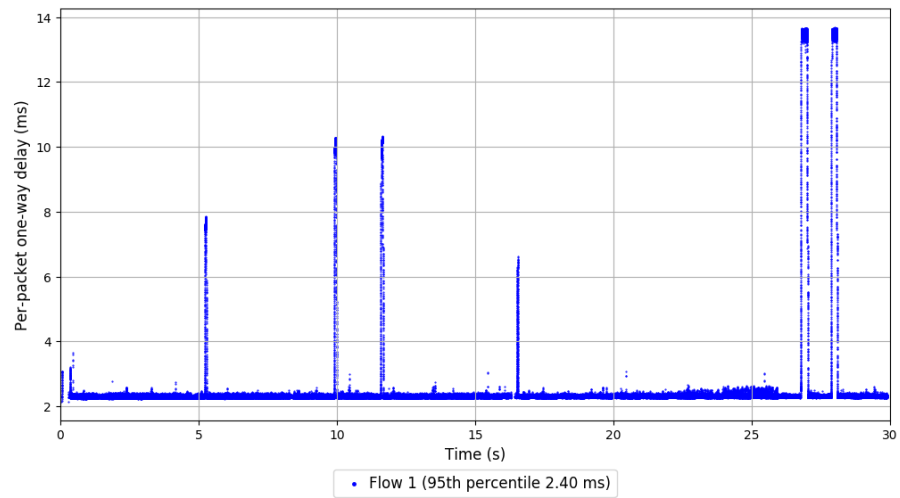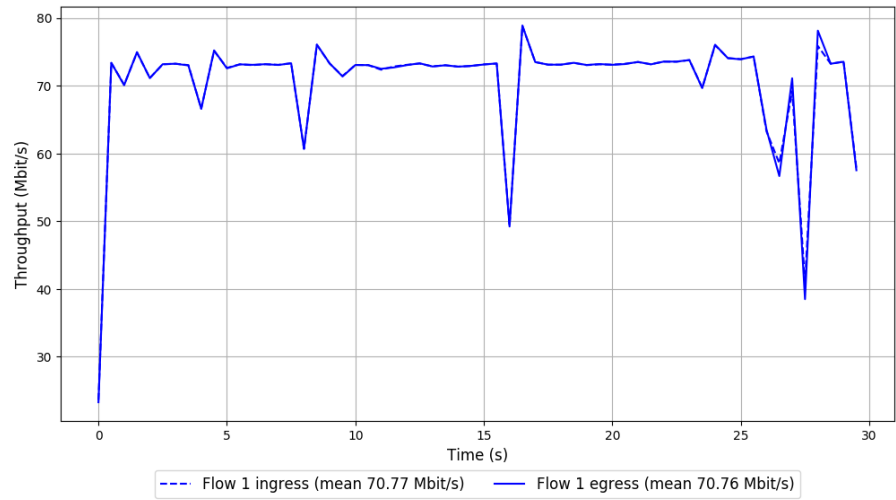Run 10: Report of PCC — Data Link

```
Run 1: Statistics of QUIC Cubic

Start at: 2018-01-16 10:12:36
End at: 2018-01-16 10:13:06
Local clock offset: -0.251 ms
Remote clock offset: -1.263 ms


# Below is generated by plot.py at 2018-01-16 17:02:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.30 Mbit/s
95th percentile per-packet one-way delay: 2.469 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 72.30 Mbit/s
95th percentile per-packet one-way delay: 2.469 ms
Loss rate: 0.02%
```
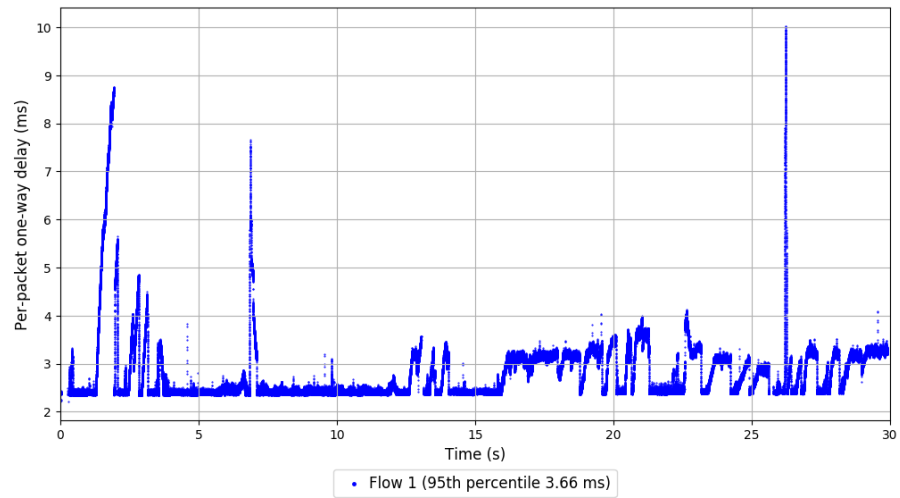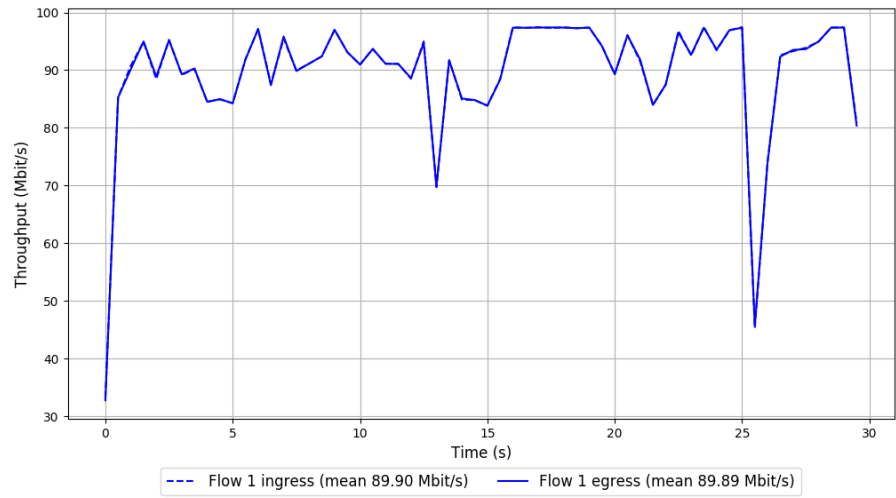
Run 1: Report of QUIC Cubic — Data Link

```
Run 2: Statistics of QUIC Cubic

Start at: 2018-01-16 10:33:08
End at: 2018-01-16 10:33:38
Local clock offset: -0.853 ms
Remote clock offset: -1.143 ms
```

Run 2: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 1.25 Mbit/s)   Flow 1 egress (mean 1.27 Mbit/s)

Flow 1 (95th percentile 2.29 ms)

```
Run 3: Statistics of QUIC Cubic

Start at: 2018-01-16 10:53:37
End at: 2018-01-16 10:54:07
Local clock offset: -1.088 ms
Remote clock offset: -0.609 ms


# Below is generated by plot.py at 2018-01-16 17:02:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.76 Mbit/s
95th percentile per-packet one-way delay: 2.397 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 70.76 Mbit/s
95th percentile per-packet one-way delay: 2.397 ms
Loss rate: 0.02%
```
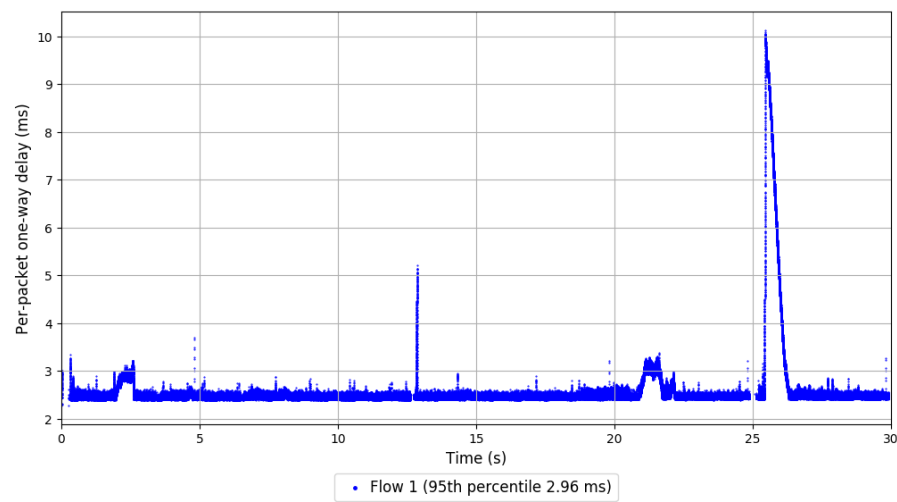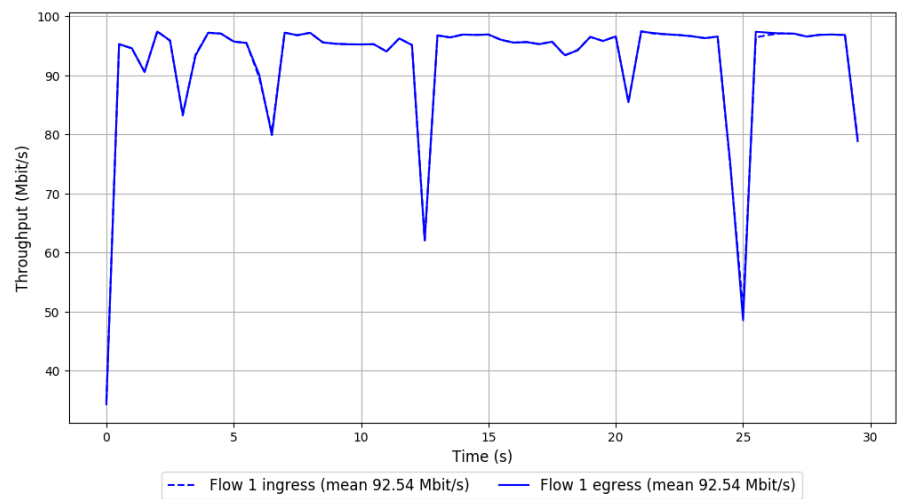
Run 3: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 70.77 Mbit/s)   Flow 1 egress (mean 70.76 Mbit/s)

Flow 1 (95th percentile 2.40 ms)

```
Run 4: Statistics of QUIC Cubic

Start at: 2018-01-16 11:14:09
End at: 2018-01-16 11:14:39
Local clock offset: -1.195 ms
Remote clock offset: 0.131 ms


# Below is generated by plot.py at 2018-01-16 17:02:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.89 Mbit/s
95th percentile per-packet one-way delay: 3.664 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 89.89 Mbit/s
95th percentile per-packet one-way delay: 3.664 ms
Loss rate: 0.02%
```
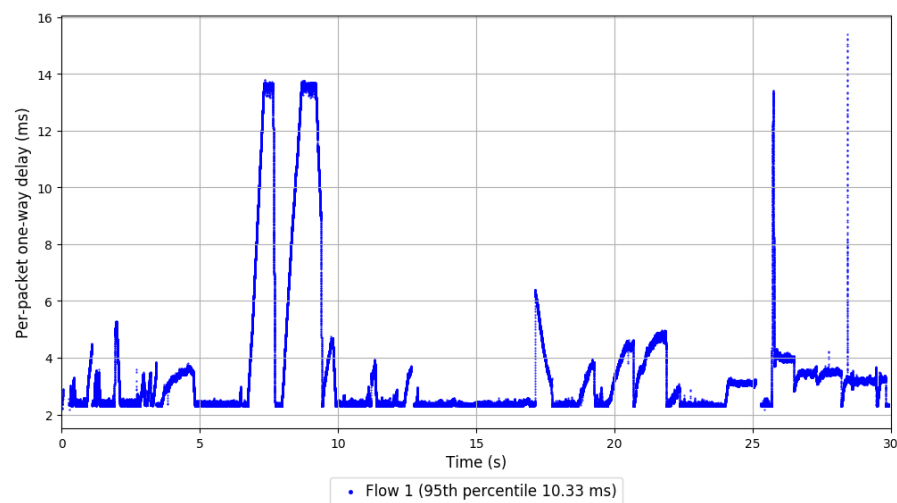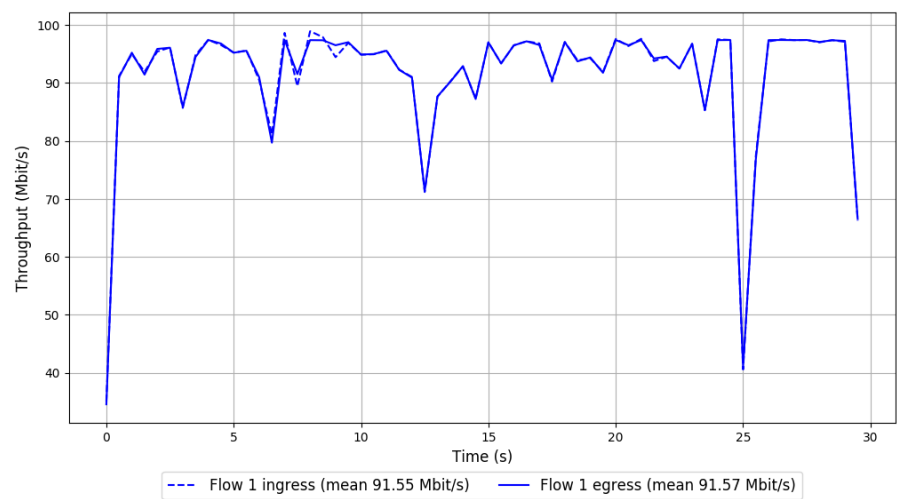
Run 4: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 89.90 Mbit/s)   Flow 1 egress (mean 89.89 Mbit/s)

Flow 1 (95th percentile 3.66 ms)

```
Run 5: Statistics of QUIC Cubic

Start at: 2018-01-16 11:34:43
End at: 2018-01-16 11:35:13
Local clock offset: -2.035 ms
Remote clock offset: 0.599 ms


# Below is generated by plot.py at 2018-01-16 17:03:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.54 Mbit/s
95th percentile per-packet one-way delay: 2.960 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 92.54 Mbit/s
95th percentile per-packet one-way delay: 2.960 ms
Loss rate: 0.02%
```
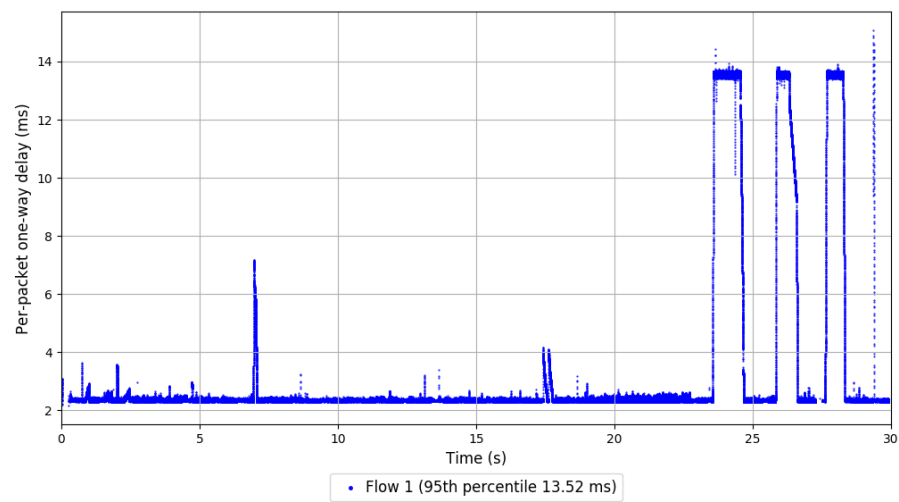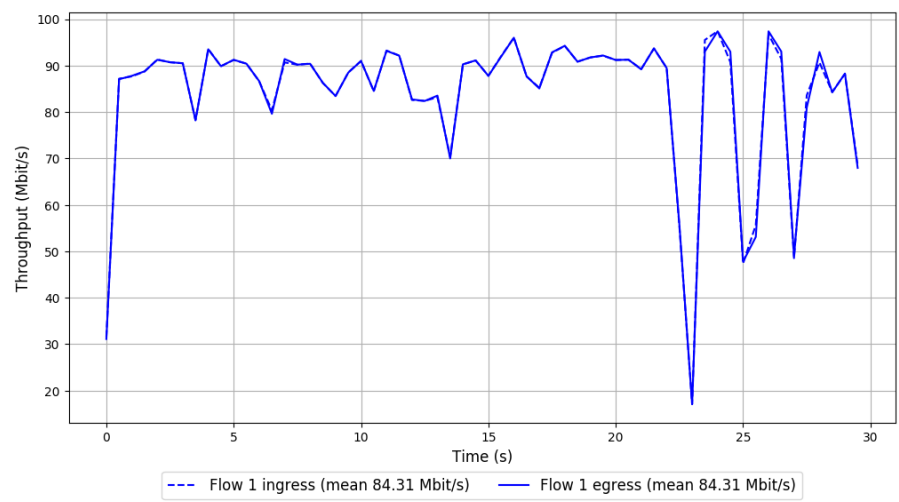
Run 5: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 92.54 Mbit/s)   Flow 1 egress (mean 92.54 Mbit/s)

Flow 1 (95th percentile 2.96 ms)

```
Run 6: Statistics of QUIC Cubic

Start at: 2018-01-16 11:55:17
End at: 2018-01-16 11:55:47
Local clock offset: -2.445 ms
Remote clock offset: 0.681 ms


# Below is generated by plot.py at 2018-01-16 17:03:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.57 Mbit/s
95th percentile per-packet one-way delay: 10.326 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.57 Mbit/s
95th percentile per-packet one-way delay: 10.326 ms
Loss rate: 0.00%
```
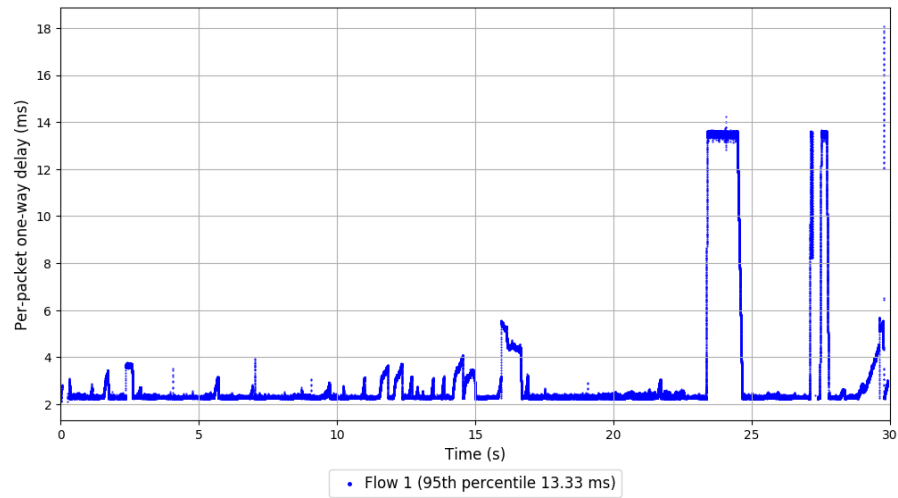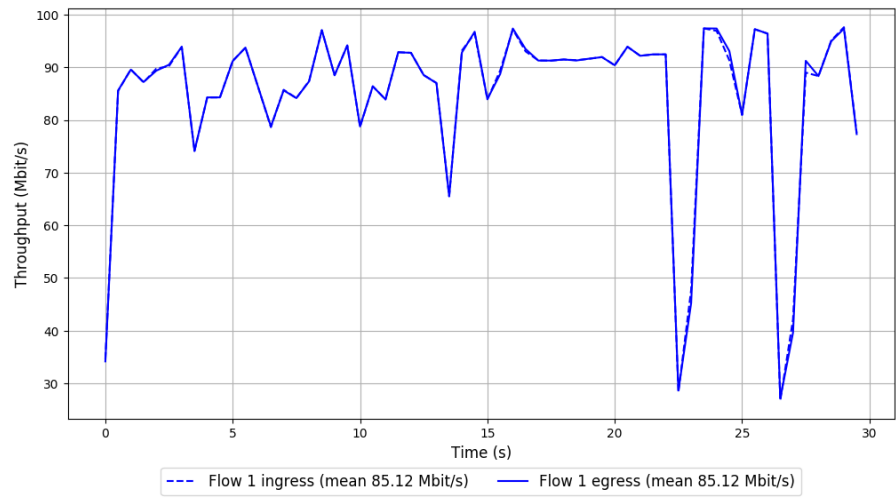
Run 6: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 91.55 Mbit/s)   Flow 1 egress (mean 91.57 Mbit/s)

Flow 1 (95th percentile 10.33 ms)

```
Run 7: Statistics of QUIC Cubic

Start at: 2018-01-16 12:15:50
End at: 2018-01-16 12:16:20
Local clock offset: -1.974 ms
Remote clock offset: 0.764 ms


# Below is generated by plot.py at 2018-01-16 17:03:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.31 Mbit/s
95th percentile per-packet one-way delay: 13.517 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 84.31 Mbit/s
95th percentile per-packet one-way delay: 13.517 ms
Loss rate: 0.02%
```
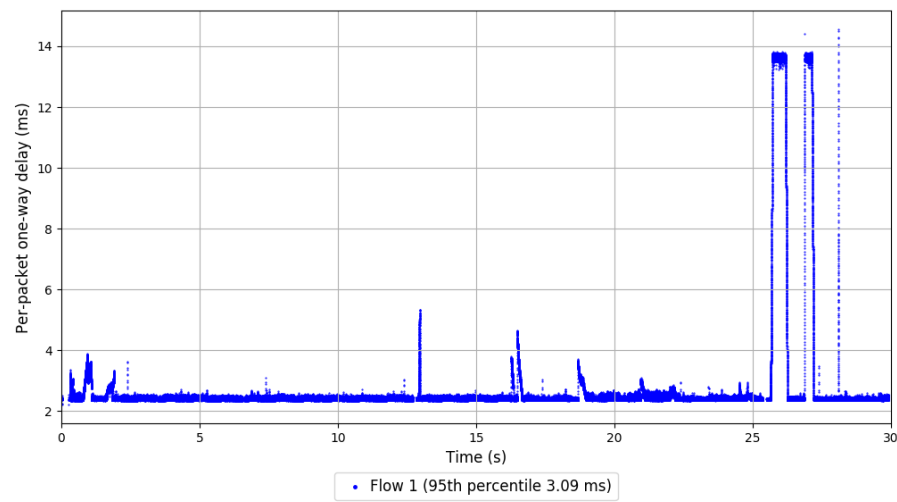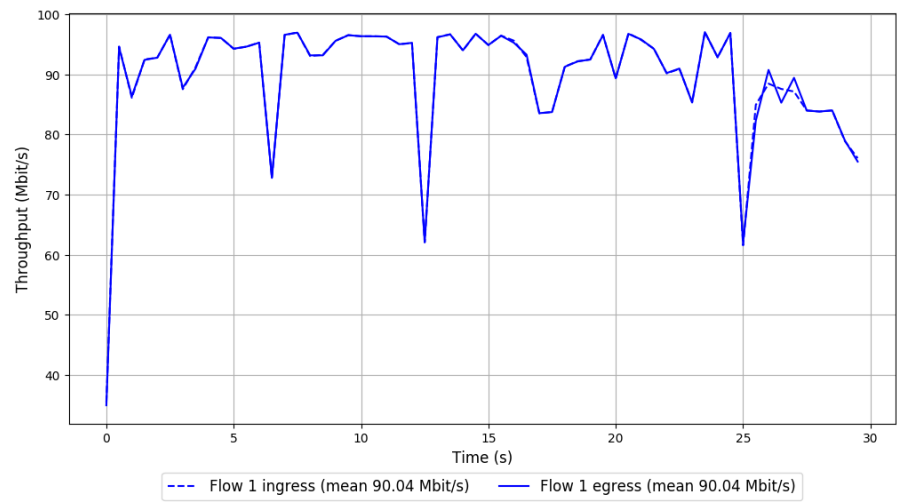
Run 7: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 84.31 Mbit/s) Flow 1 egress (mean 84.31 Mbit/s)

Flow 1 (95th percentile 13.52 ms)

```
Run 8: Statistics of QUIC Cubic

Start at: 2018-01-16 12:36:24
End at: 2018-01-16 12:36:55
Local clock offset: -1.661 ms
Remote clock offset: 0.806 ms


# Below is generated by plot.py at 2018-01-16 17:03:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.12 Mbit/s
95th percentile per-packet one-way delay: 13.327 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 85.12 Mbit/s
95th percentile per-packet one-way delay: 13.327 ms
Loss rate: 0.02%
```
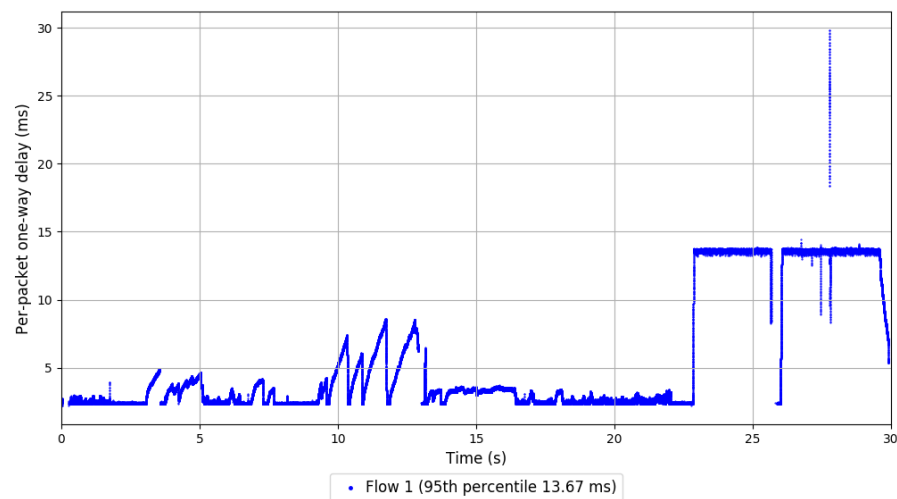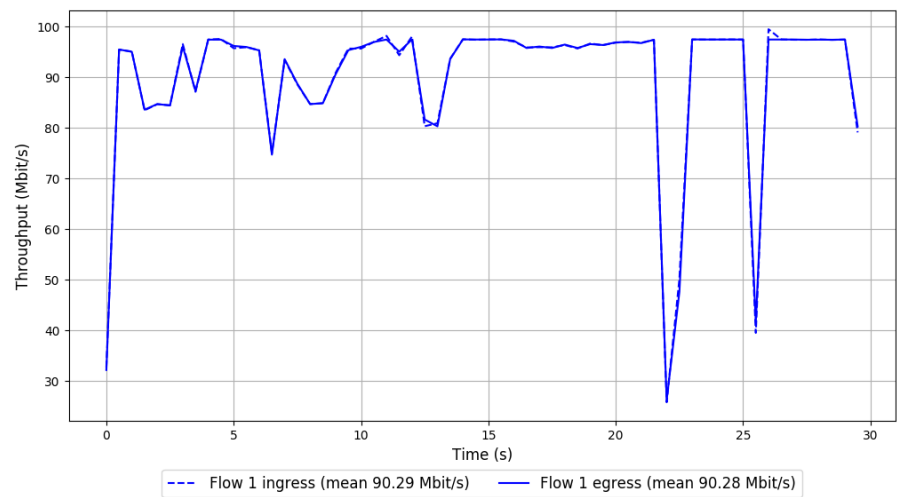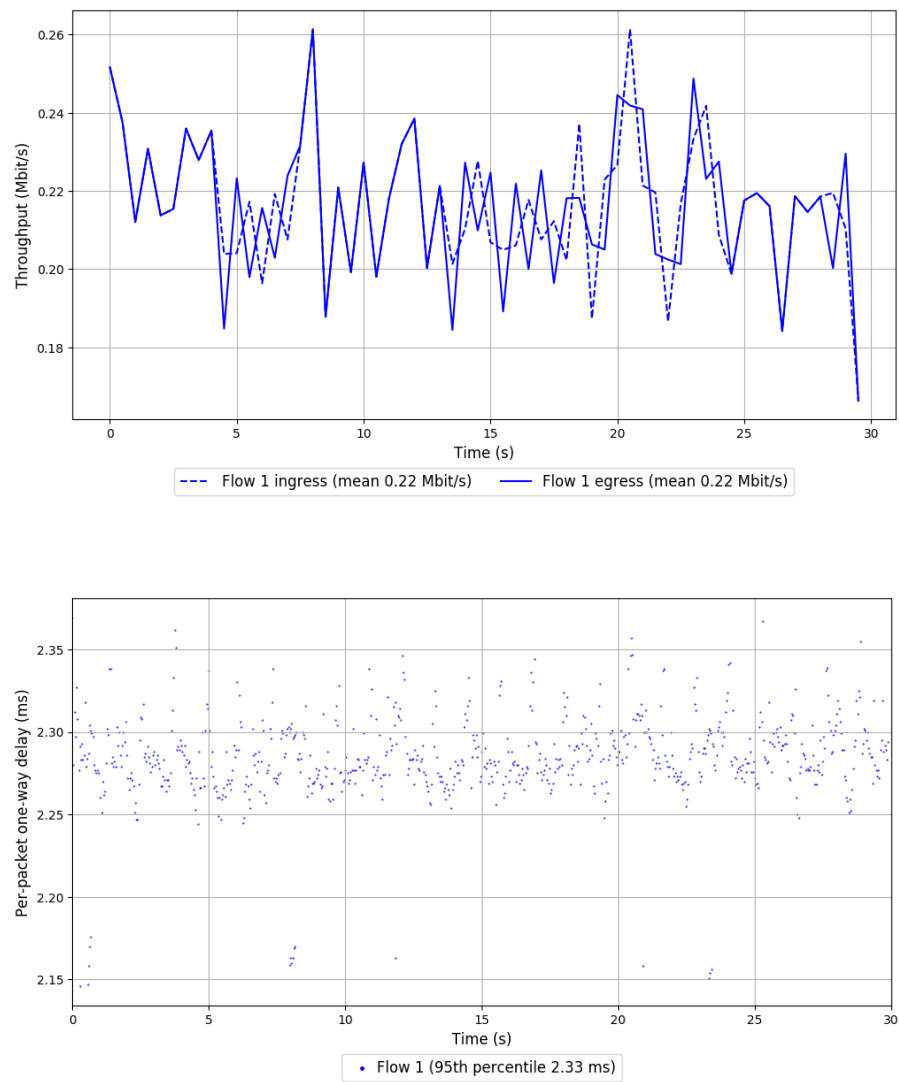
Run 8: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 85.12 Mbit/s) Flow 1 egress (mean 85.12 Mbit/s)

Flow 1 (95th percentile 13.33 ms)

```
Run 9: Statistics of QUIC Cubic

Start at: 2018-01-16 12:56:56
End at: 2018-01-16 12:57:26
Local clock offset: -1.839 ms
Remote clock offset: 0.827 ms


# Below is generated by plot.py at 2018-01-16 17:03:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.04 Mbit/s
95th percentile per-packet one-way delay: 3.091 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 90.04 Mbit/s
95th percentile per-packet one-way delay: 3.091 ms
Loss rate: 0.02%
```
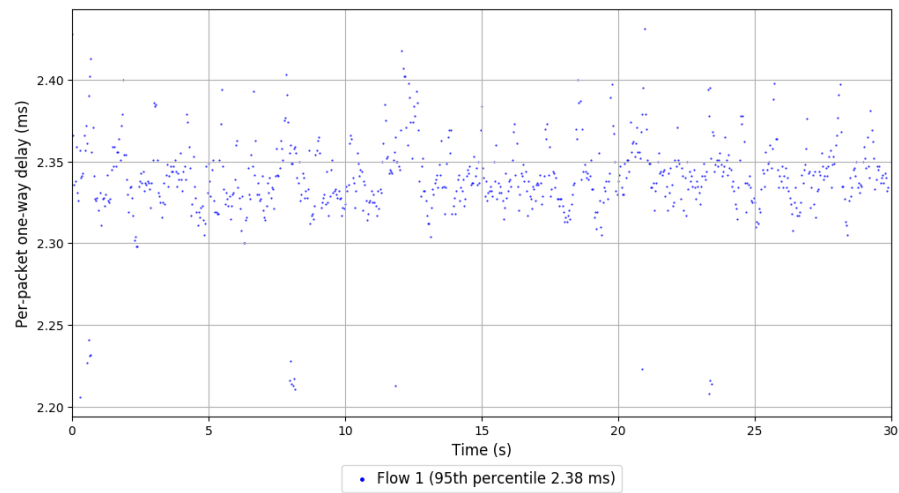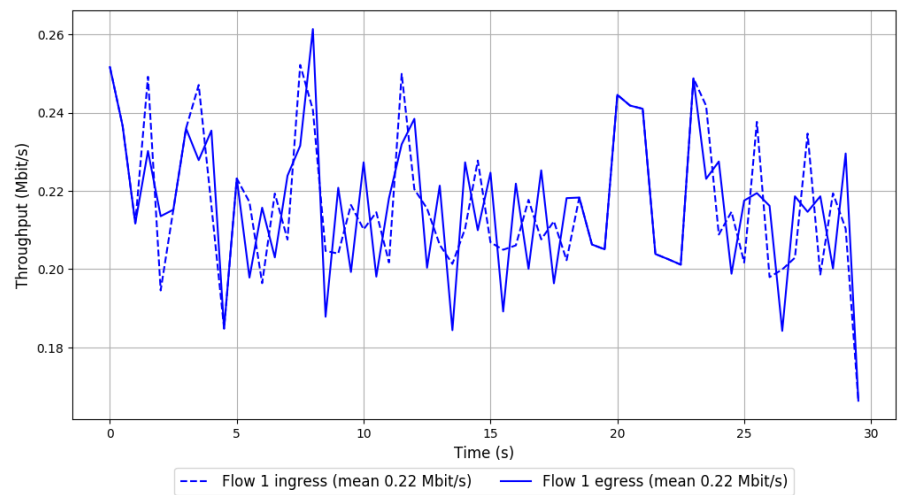
Run 9: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 90.04 Mbit/s)   Flow 1 egress (mean 90.04 Mbit/s)

Flow 1 (95th percentile 3.09 ms)

```
Run 10: Statistics of QUIC Cubic

Start at: 2018-01-16 13:17:31
End at: 2018-01-16 13:18:01
Local clock offset: -2.482 ms
Remote clock offset: 0.562 ms


# Below is generated by plot.py at 2018-01-16 17:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.28 Mbit/s
95th percentile per-packet one-way delay: 13.667 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 90.28 Mbit/s
95th percentile per-packet one-way delay: 13.667 ms
Loss rate: 0.03%
```

Run 10: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 90.29 Mbit/s)   Flow 1 egress (mean 90.28 Mbit/s)
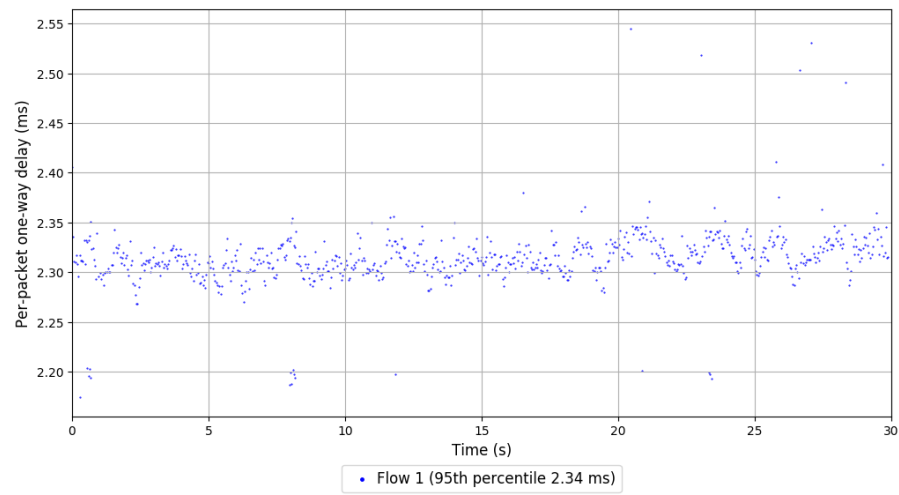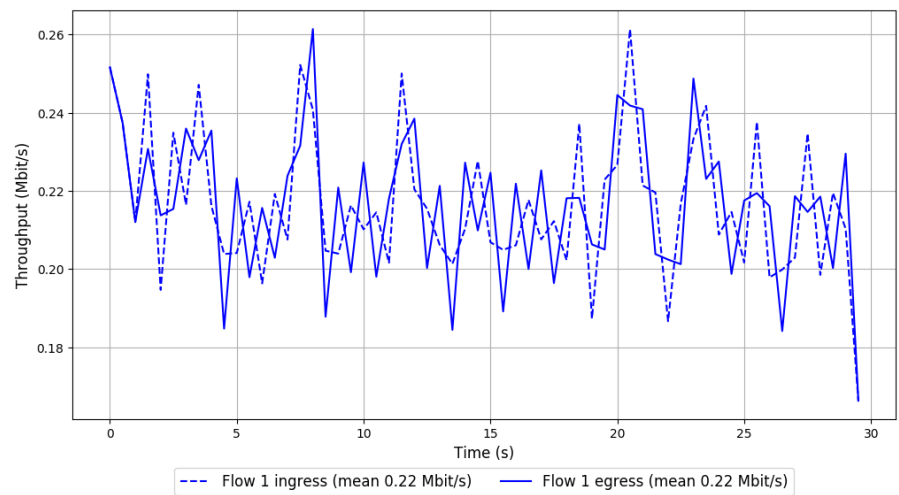

Flow 1 (95th percentile 13.67 ms)

```
Run 1: Statistics of SCReAM

Start at: 2018-01-16 10:18:21
End at: 2018-01-16 10:18:51
Local clock offset: -0.576 ms
Remote clock offset: -1.25 ms


# Below is generated by plot.py at 2018-01-16 17:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.325 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.325 ms
Loss rate: 0.00%
```
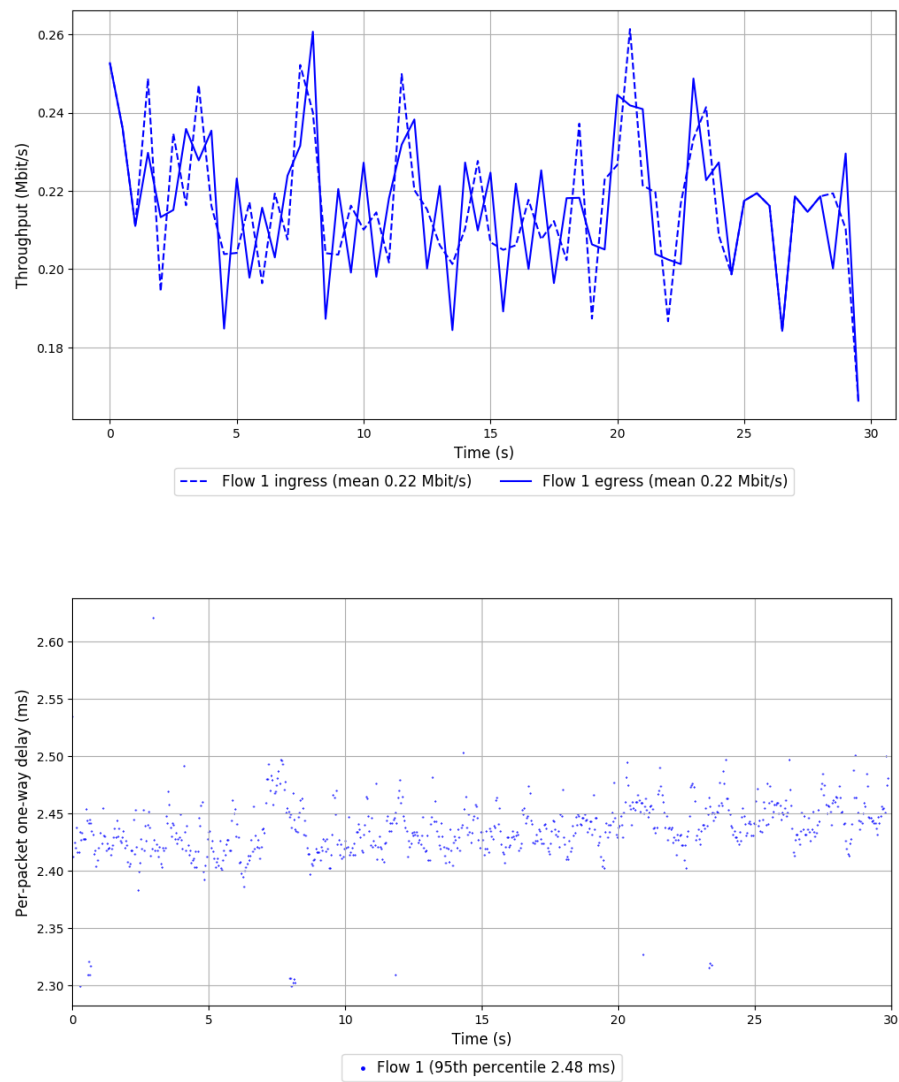
Run 1: Report of SCReAM — Data Link

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

Flow 1 (95th percentile 2.33 ms)

```
Run 2: Statistics of SCReAM

Start at: 2018-01-16 10:38:49
End at: 2018-01-16 10:39:19
Local clock offset: -0.948 ms
Remote clock offset: -1.064 ms


# Below is generated by plot.py at 2018-01-16 17:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.379 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.379 ms
Loss rate: 0.00%
```
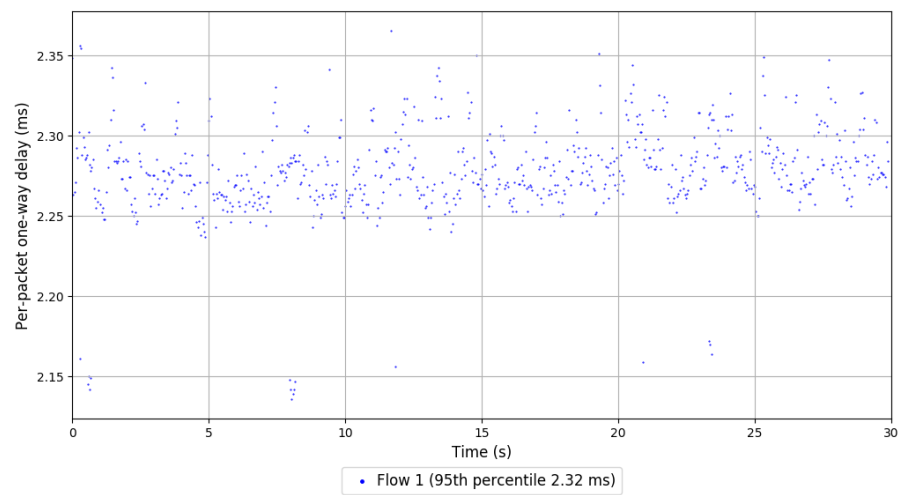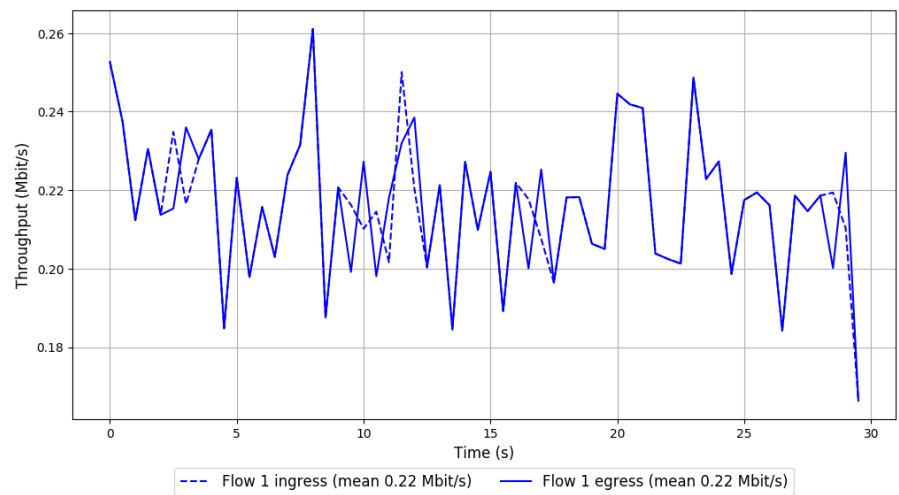
Run 2: Report of SCReAM — Data Link

```
Run 3: Statistics of SCReAM

Start at: 2018-01-16 10:59:21
End at: 2018-01-16 10:59:51
Local clock offset: -1.078 ms
Remote clock offset: -0.385 ms


# Below is generated by plot.py at 2018-01-16 17:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.344 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.344 ms
Loss rate: 0.00%
```
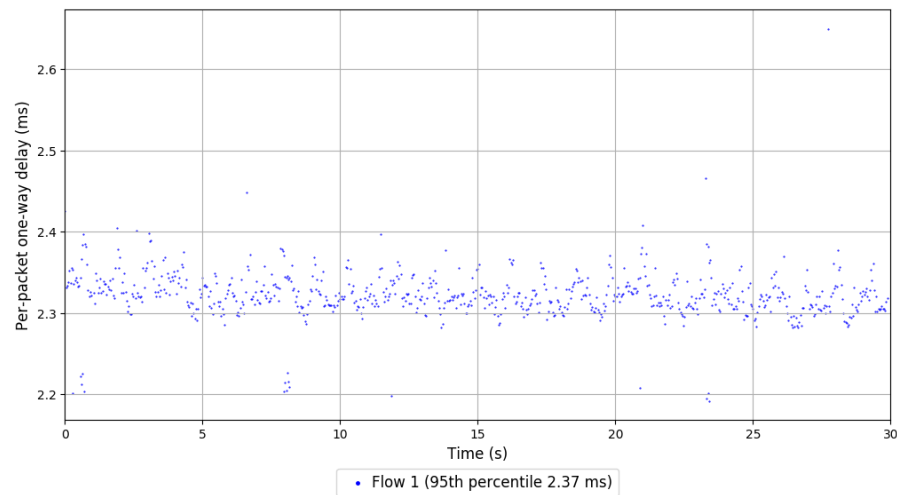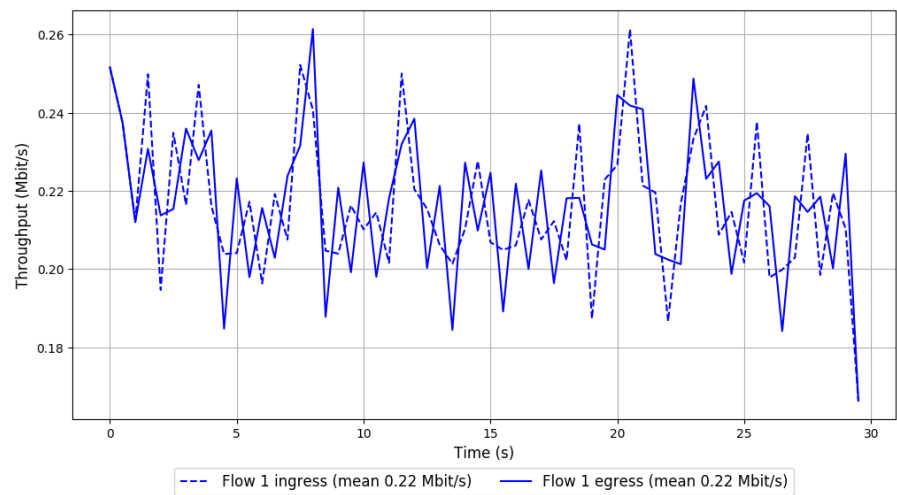
Run 3: Report of SCReAM — Data Link

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

Flow 1 (95th percentile 2.34 ms)

```
Run 4: Statistics of SCReAM

Start at: 2018-01-16 11:19:54
End at: 2018-01-16 11:20:24
Local clock offset: -1.437 ms
Remote clock offset: 0.258 ms


# Below is generated by plot.py at 2018-01-16 17:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.475 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.475 ms
Loss rate: 0.00%
```
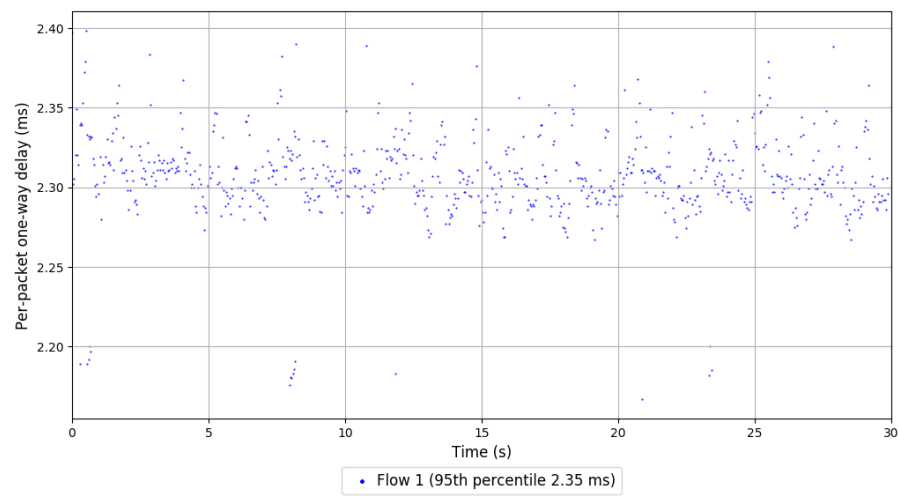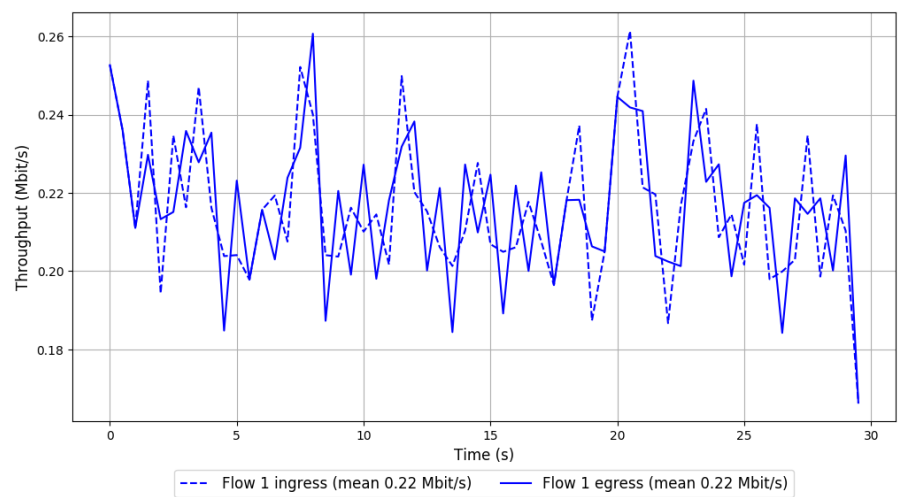
Run 4: Report of SCReAM — Data Link

```
Run 5: Statistics of SCReAM

Start at: 2018-01-16 11:40:28
End at: 2018-01-16 11:40:58
Local clock offset: -2.346 ms
Remote clock offset: 0.632 ms


# Below is generated by plot.py at 2018-01-16 17:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.321 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.321 ms
Loss rate: 0.00%
```
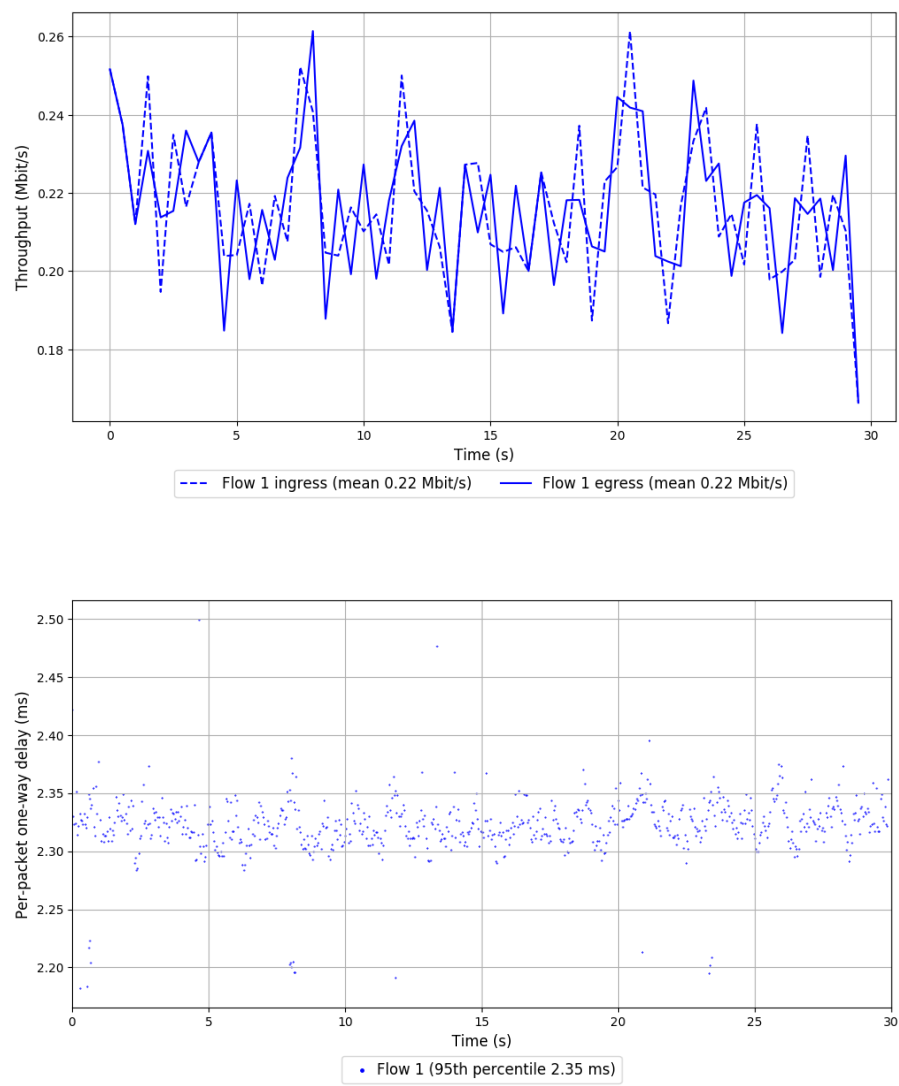
Run 5: Report of SCReAM — Data Link

```
Run 6: Statistics of SCReAM

Start at: 2018-01-16 12:01:02
End at: 2018-01-16 12:01:32
Local clock offset: -2.303 ms
Remote clock offset: 0.721 ms


# Below is generated by plot.py at 2018-01-16 17:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.365 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.365 ms
Loss rate: 0.00%
```
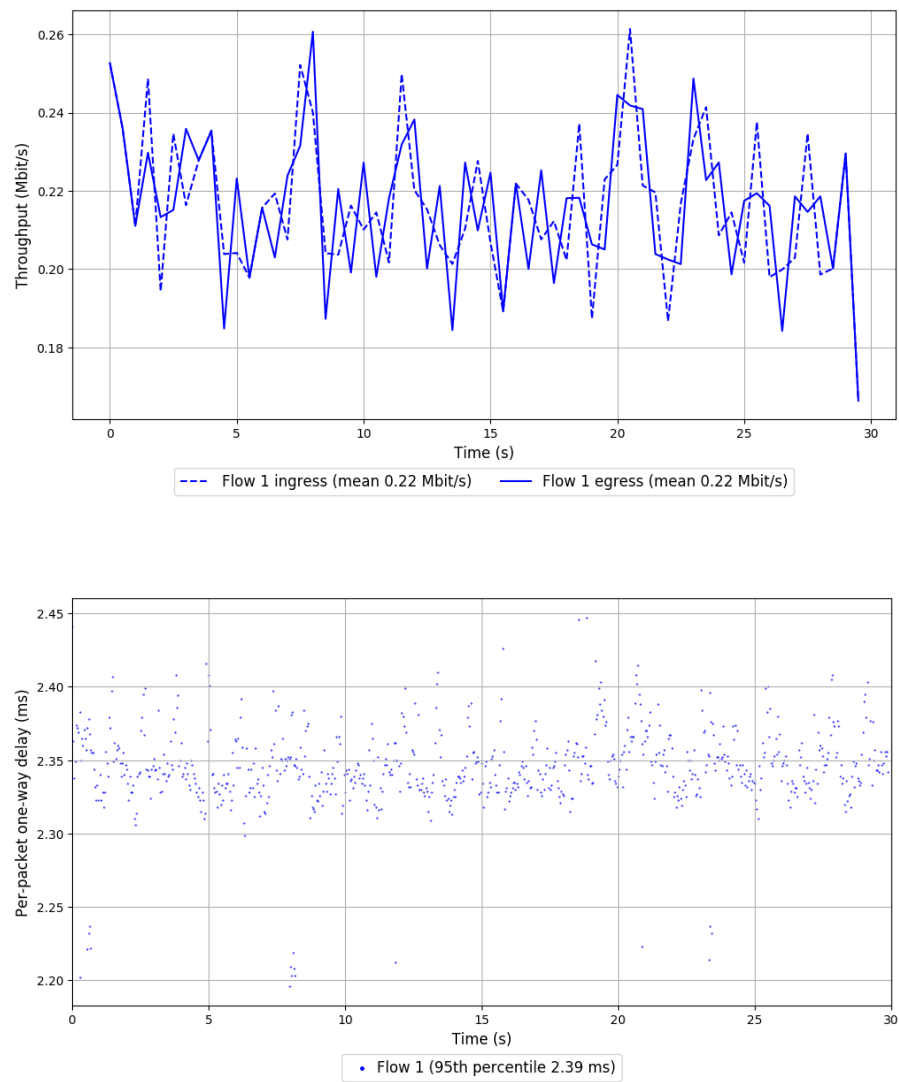
Run 6: Report of SCReAM — Data Link

```
Run 7: Statistics of SCReAM

Start at: 2018-01-16 12:21:36
End at: 2018-01-16 12:22:06
Local clock offset: -1.845 ms
Remote clock offset: 0.782 ms


# Below is generated by plot.py at 2018-01-16 17:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.348 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.348 ms
Loss rate: 0.00%
```
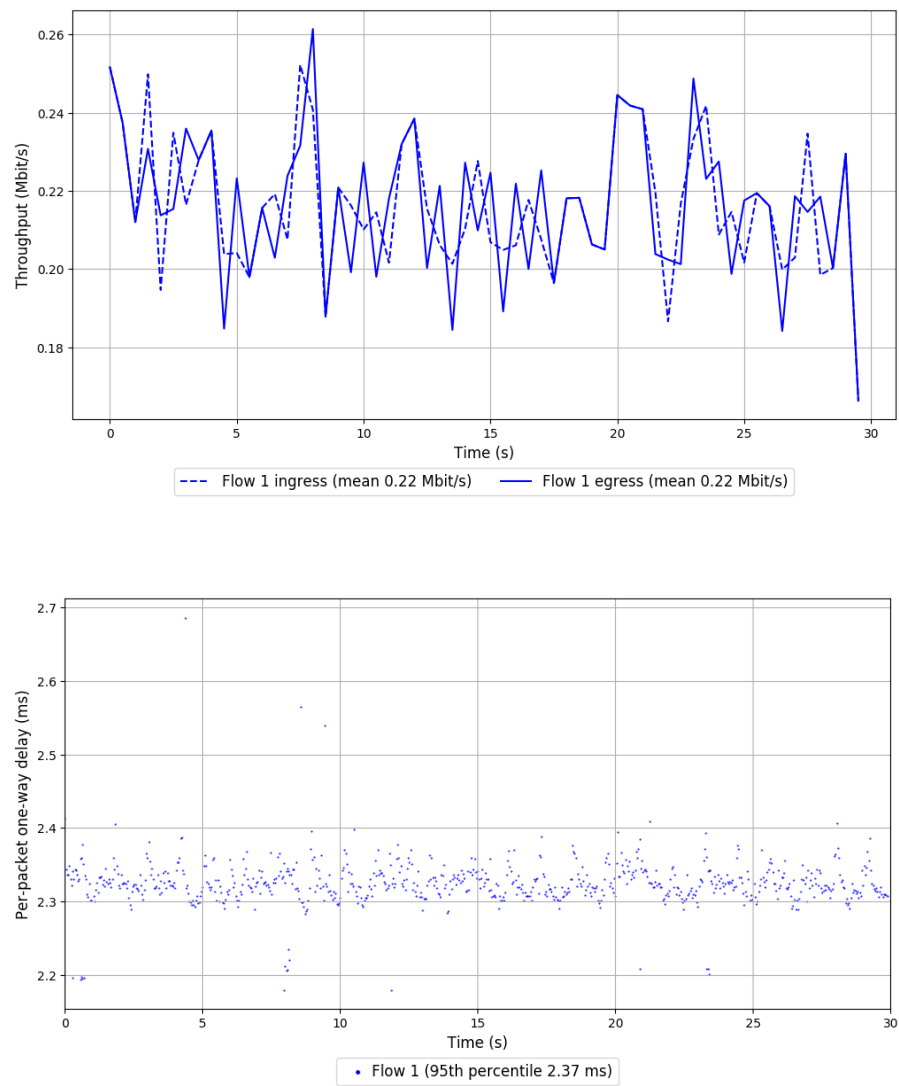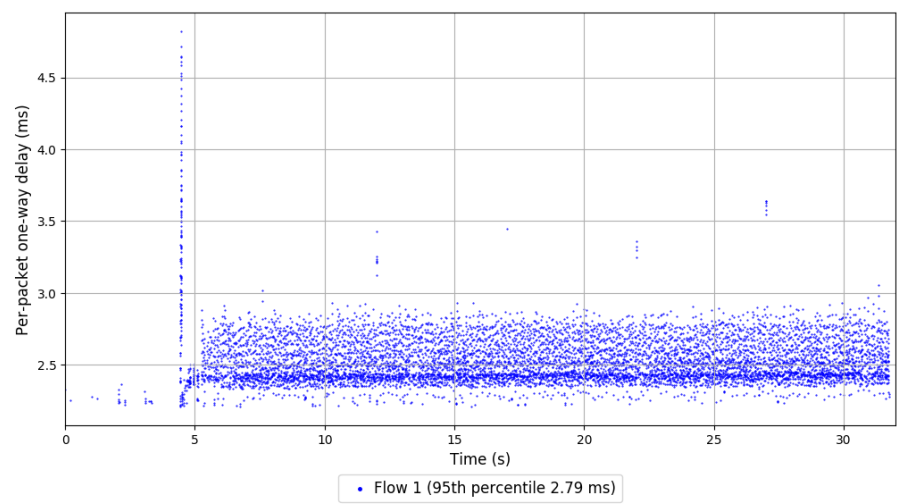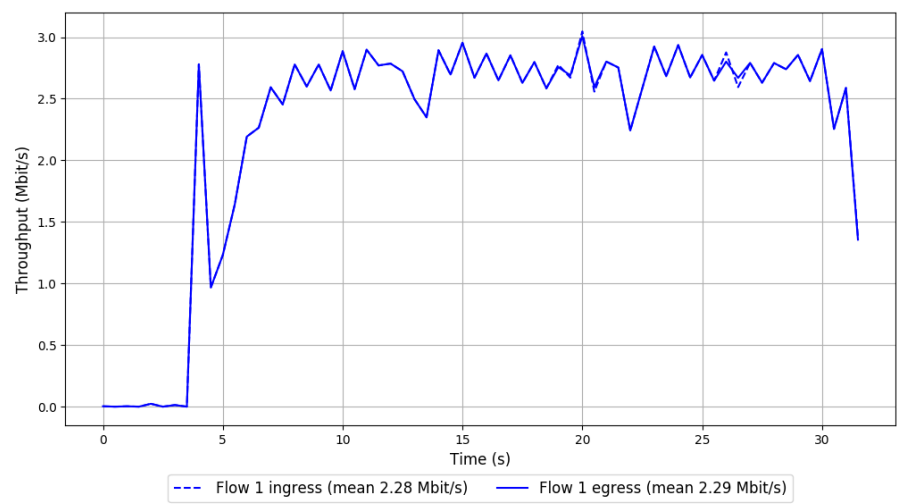
Run 7: Report of SCReAM — Data Link

```
Run 8: Statistics of SCReAM

Start at: 2018-01-16 12:42:09
End at: 2018-01-16 12:42:39
Local clock offset: -1.502 ms
Remote clock offset: 0.882 ms


# Below is generated by plot.py at 2018-01-16 17:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.354 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.354 ms
Loss rate: 0.00%
```
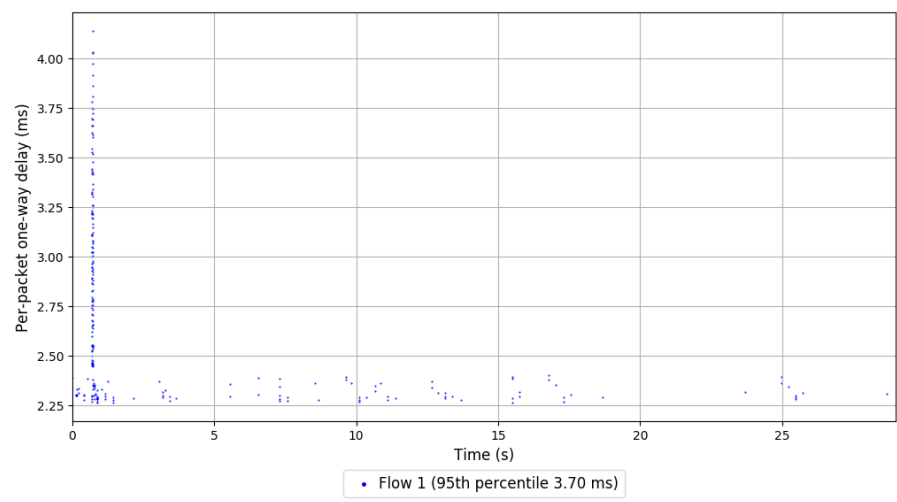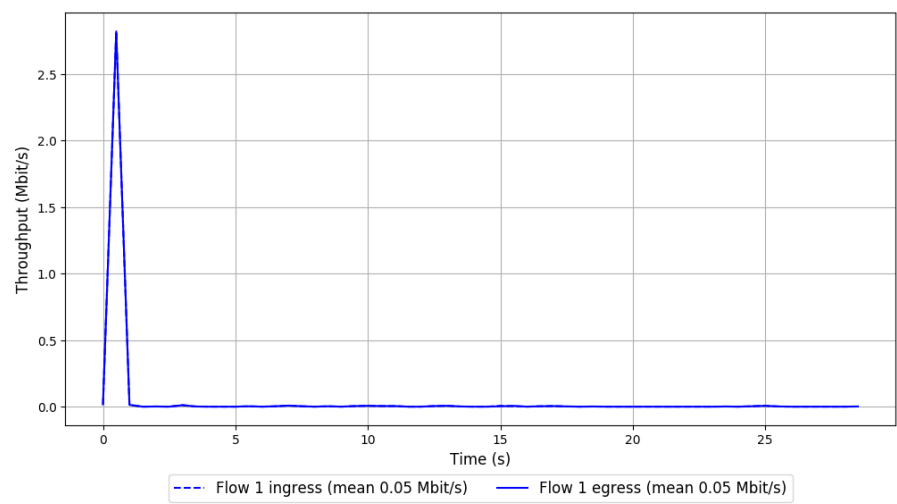
Run 8: Report of SCReAM — Data Link

```
Run 9: Statistics of SCReAM

Start at: 2018-01-16 13:02:42
End at: 2018-01-16 13:03:12
Local clock offset: -2.017 ms
Remote clock offset: 0.808 ms


# Below is generated by plot.py at 2018-01-16 17:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.389 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.389 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

```
Run 10: Statistics of SCReAM

Start at: 2018-01-16 13:23:16
End at: 2018-01-16 13:23:46
Local clock offset: -2.662 ms
Remote clock offset: 0.478 ms


# Below is generated by plot.py at 2018-01-16 17:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.366 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.366 ms
Loss rate: 0.00%
```

Run 10: 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 2.37 ms)

```
Run 1: Statistics of WebRTC media

Start at: 2018-01-16 10:09:14
End at: 2018-01-16 10:09:44
Local clock offset: -0.05 ms
Remote clock offset: -1.225 ms


# Below is generated by plot.py at 2018-01-16 17:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 2.792 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 2.792 ms
Loss rate: 0.01%
```
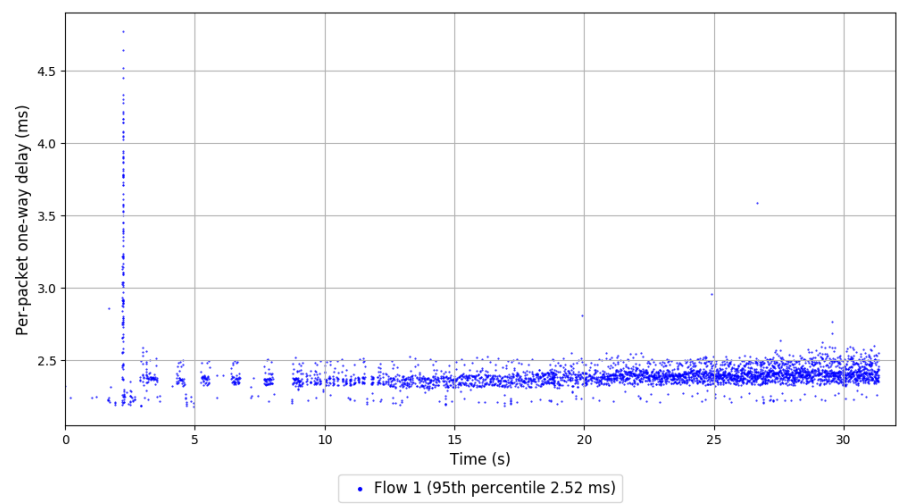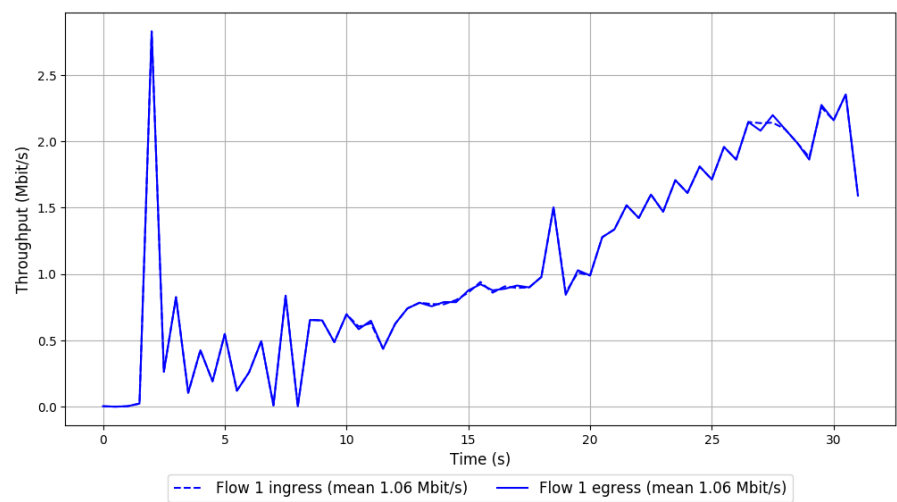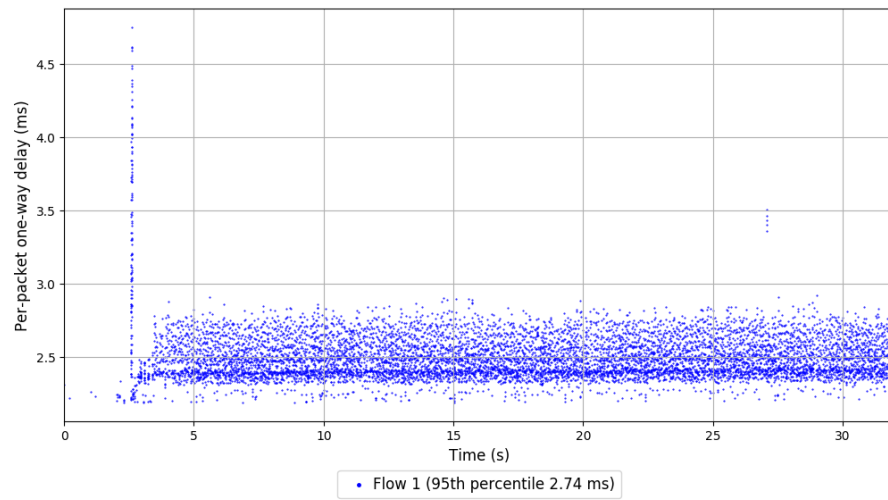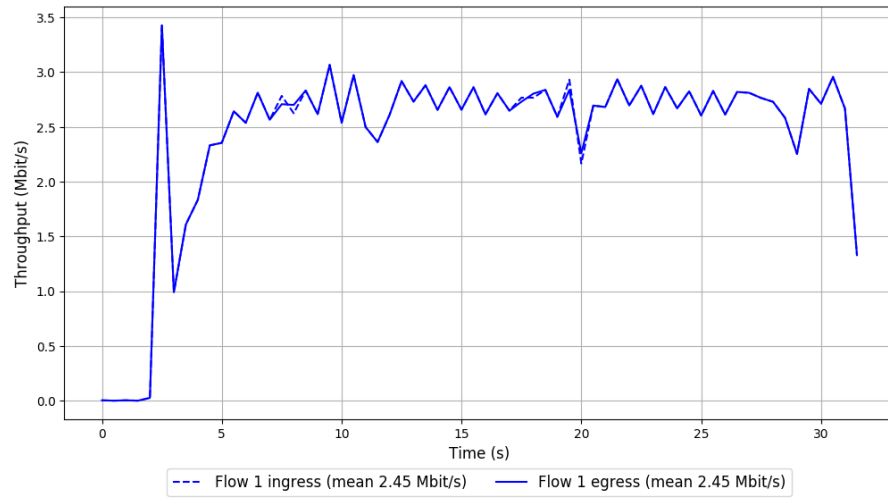
Run 1: Report of WebRTC media — Data Link

```
Run 2: Statistics of WebRTC media

Start at: 2018-01-16 10:29:47
End at: 2018-01-16 10:30:17
Local clock offset: -0.792 ms
Remote clock offset: -1.242 ms


# Below is generated by plot.py at 2018-01-16 17:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.696 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.696 ms
Loss rate: 0.00%
```
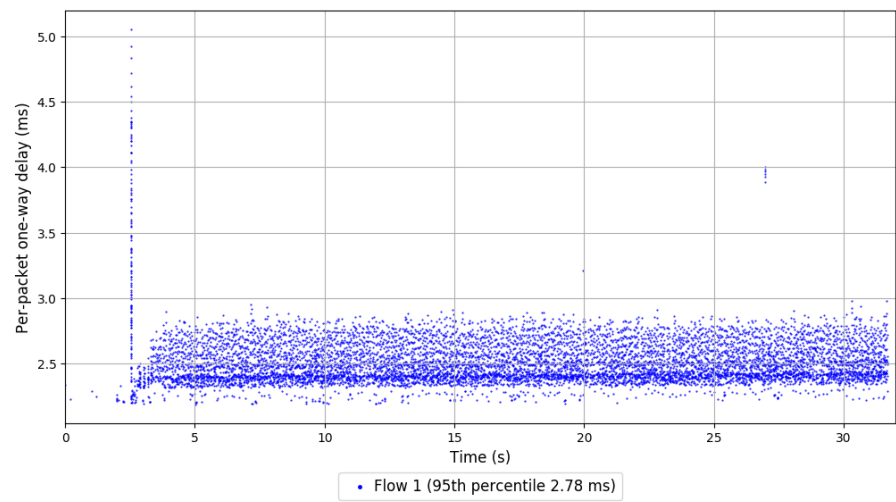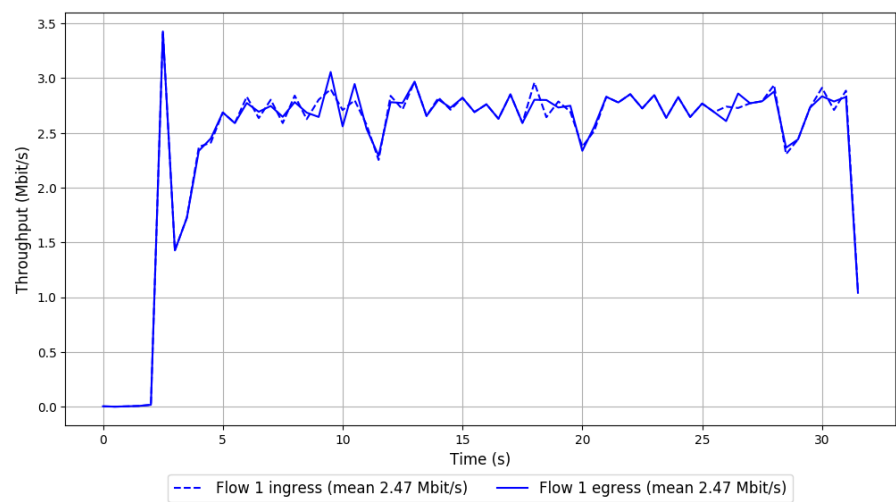
Run 2: Report of WebRTC media — Data Link

```
Run 3: Statistics of WebRTC media

Start at: 2018-01-16 10:50:16
End at: 2018-01-16 10:50:46
Local clock offset: -0.987 ms
Remote clock offset: -0.736 ms


# Below is generated by plot.py at 2018-01-16 17:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.06 Mbit/s
95th percentile per-packet one-way delay: 2.520 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.06 Mbit/s
95th percentile per-packet one-way delay: 2.520 ms
Loss rate: 0.00%
```
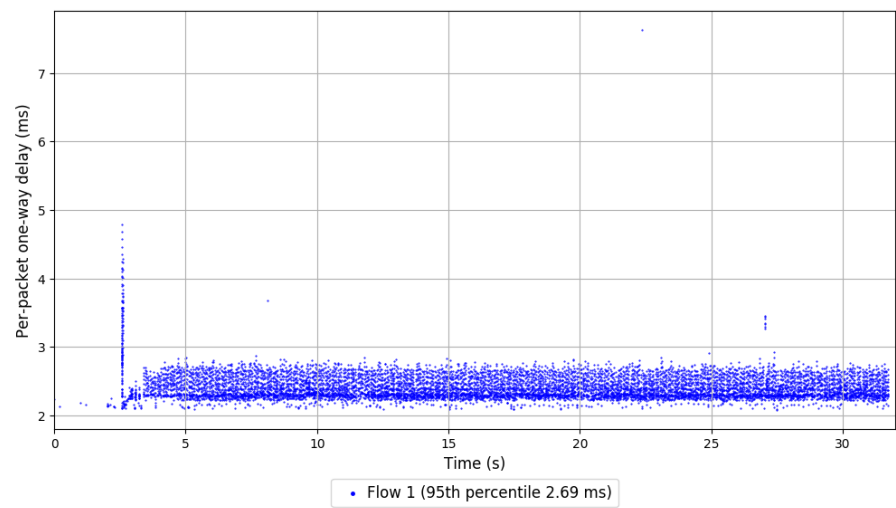
Run 3: Report of WebRTC media — Data Link

```
Run 4: Statistics of WebRTC media

Start at: 2018-01-16 11:10:47
End at: 2018-01-16 11:11:17
Local clock offset: -1.229 ms
Remote clock offset: -0.059 ms


# Below is generated by plot.py at 2018-01-16 17:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 2.741 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 2.741 ms
Loss rate: 0.00%
```
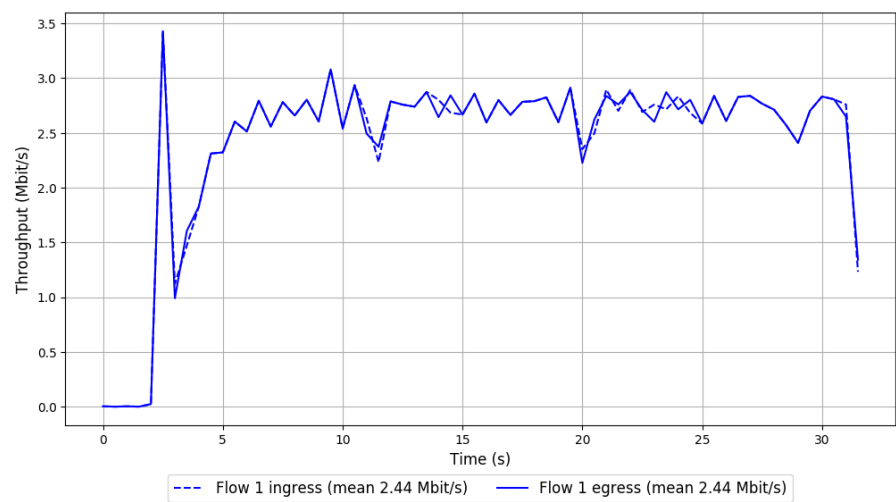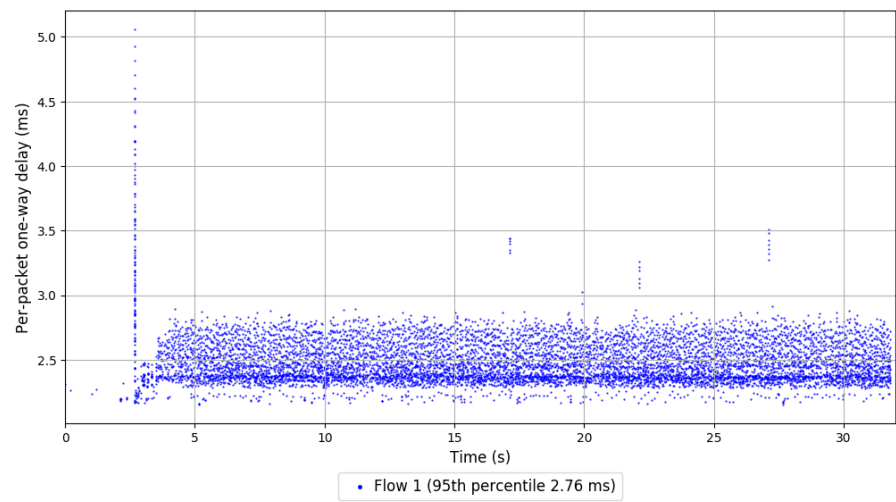
Run 4: Report of WebRTC media — Data Link

Flow 1 ingress (mean 2.45 Mbit/s)   Flow 1 egress (mean 2.45 Mbit/s)

Flow 1 (95th percentile 2.74 ms)

```
Run 5: Statistics of WebRTC media

Start at: 2018-01-16 11:31:21
End at: 2018-01-16 11:31:51
Local clock offset: -1.911 ms
Remote clock offset: 0.607 ms


# Below is generated by plot.py at 2018-01-16 17:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 2.778 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 2.778 ms
Loss rate: 0.05%
```
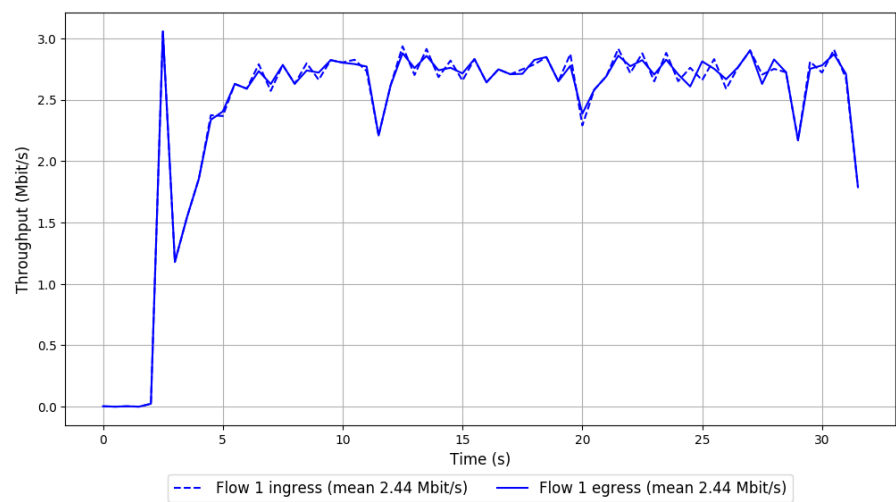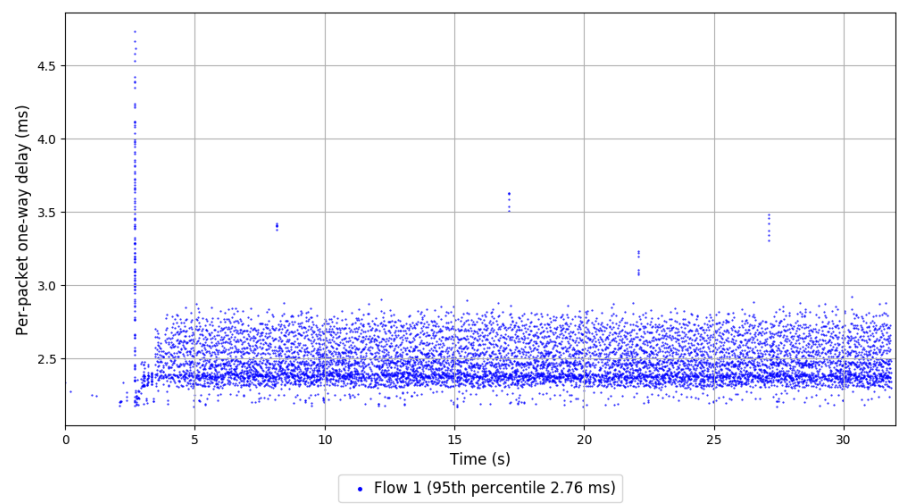
Run 5: Report of WebRTC media — Data Link

Flow 1 ingress (mean 2.47 Mbit/s)   Flow 1 egress (mean 2.47 Mbit/s)

Flow 1 (95th percentile 2.78 ms)

```
Run 6: Statistics of WebRTC media

Start at: 2018-01-16 11:51:55
End at: 2018-01-16 11:52:25
Local clock offset: -2.592 ms
Remote clock offset: 0.66 ms


# Below is generated by plot.py at 2018-01-16 17:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.44 Mbit/s
95th percentile per-packet one-way delay: 2.691 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.44 Mbit/s
95th percentile per-packet one-way delay: 2.691 ms
Loss rate: 0.00%
```
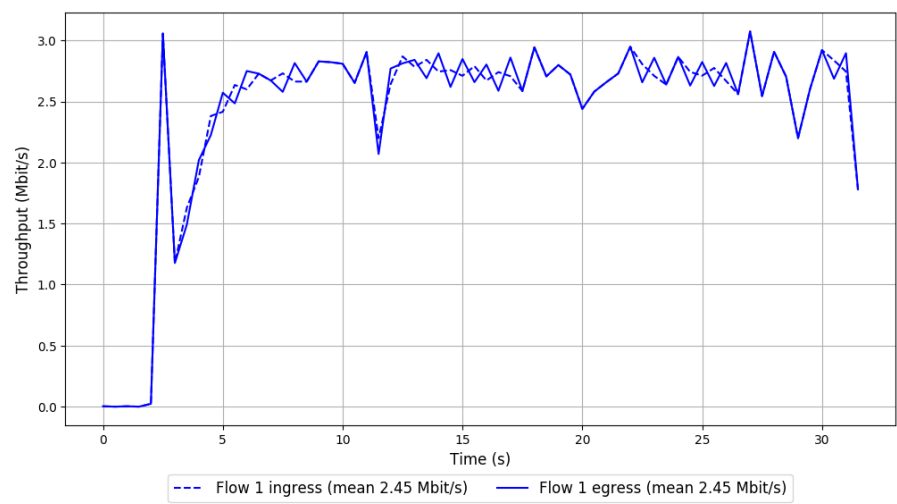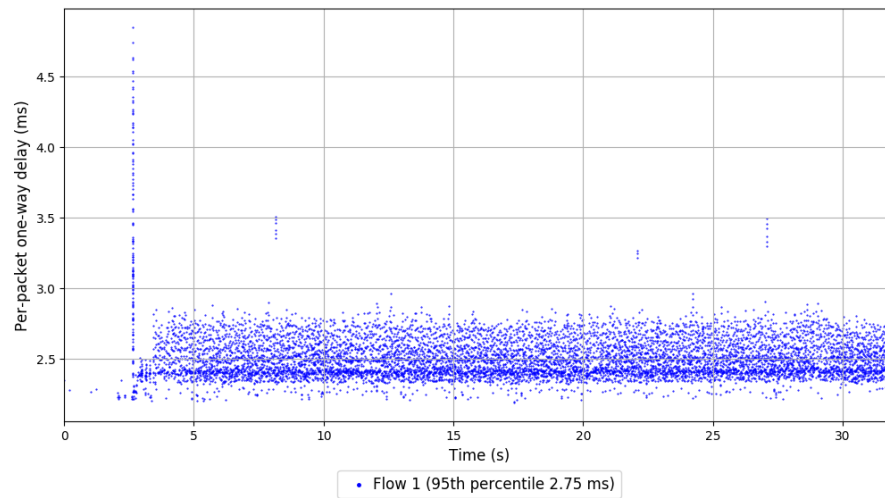
Run 6: Report of WebRTC media — Data Link

```
Run 7: Statistics of WebRTC media

Start at: 2018-01-16 12:12:29
End at: 2018-01-16 12:12:59
Local clock offset: -2.041 ms
Remote clock offset: 0.752 ms


# Below is generated by plot.py at 2018-01-16 17:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.44 Mbit/s
95th percentile per-packet one-way delay: 2.758 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.44 Mbit/s
95th percentile per-packet one-way delay: 2.758 ms
Loss rate: 0.00%
```
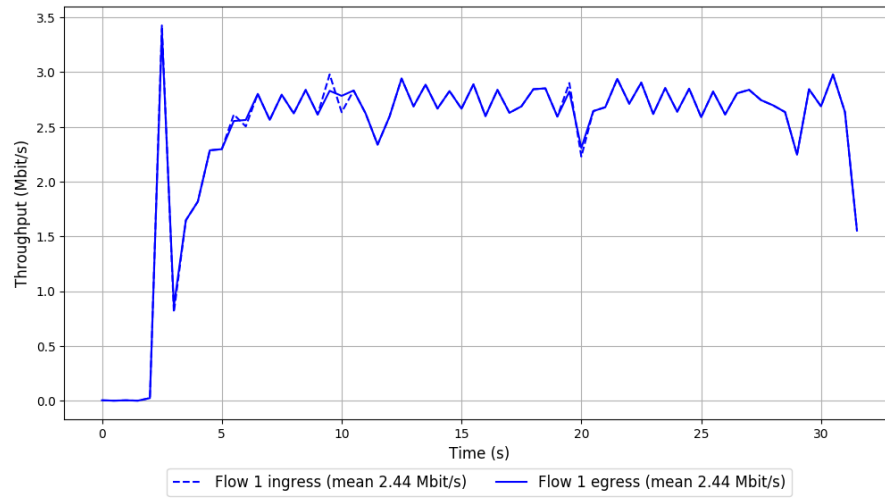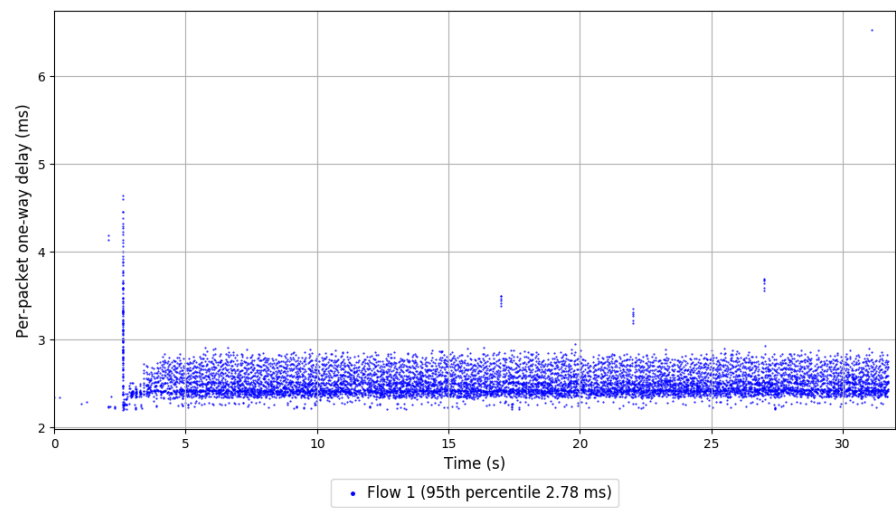
Run 7: Report of WebRTC media — Data Link

```
Run 8: Statistics of WebRTC media

Start at: 2018-01-16 12:33:03
End at: 2018-01-16 12:33:33
Local clock offset: -1.637 ms
Remote clock offset: 0.773 ms


# Below is generated by plot.py at 2018-01-16 17:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 2.757 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 2.757 ms
Loss rate: 0.00%
```
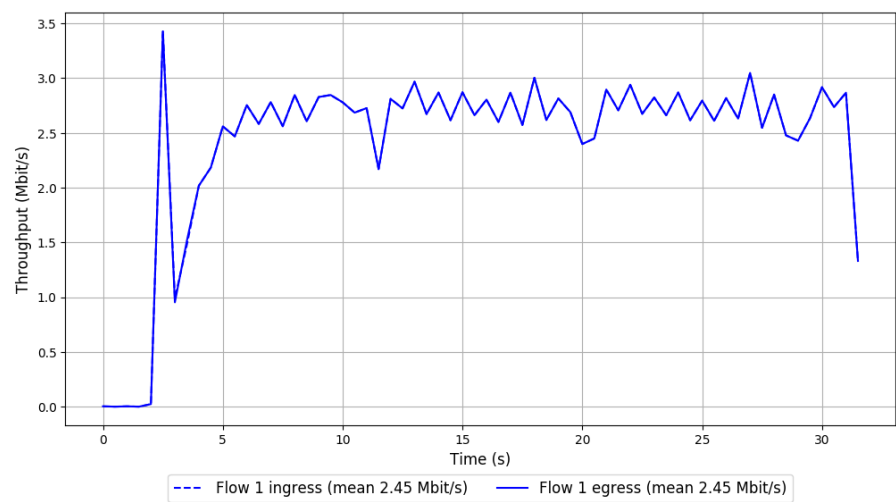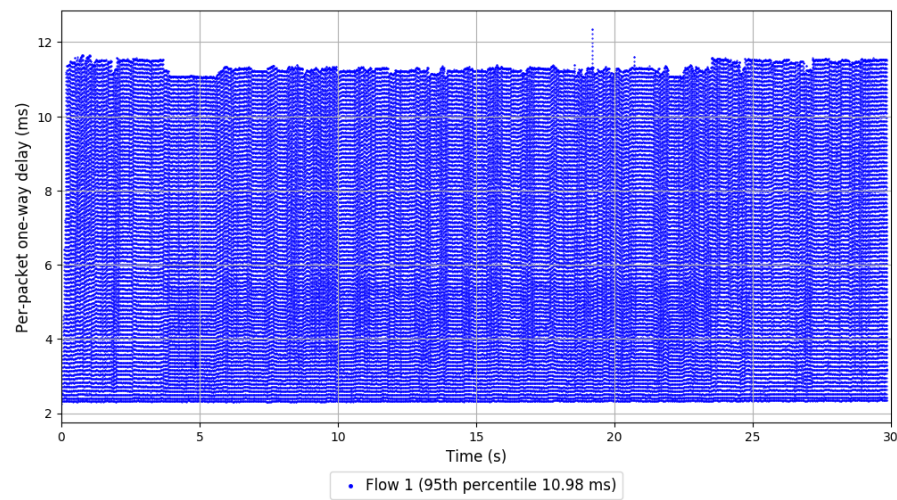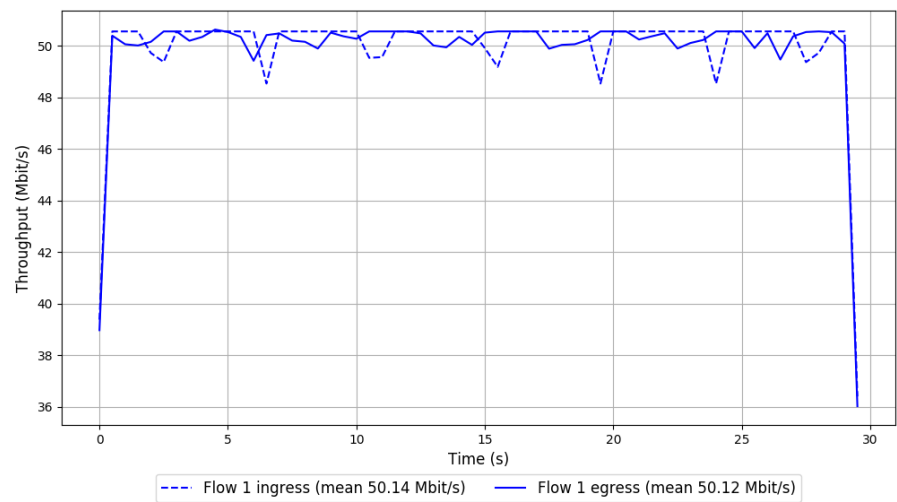
Run 8: Report of WebRTC media — Data Link

```
Run 9: Statistics of WebRTC media

Start at: 2018-01-16 12:53:34
End at: 2018-01-16 12:54:04
Local clock offset: -1.742 ms
Remote clock offset: 0.836 ms


# Below is generated by plot.py at 2018-01-16 17:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.44 Mbit/s
95th percentile per-packet one-way delay: 2.750 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.44 Mbit/s
95th percentile per-packet one-way delay: 2.750 ms
Loss rate: 0.00%
```
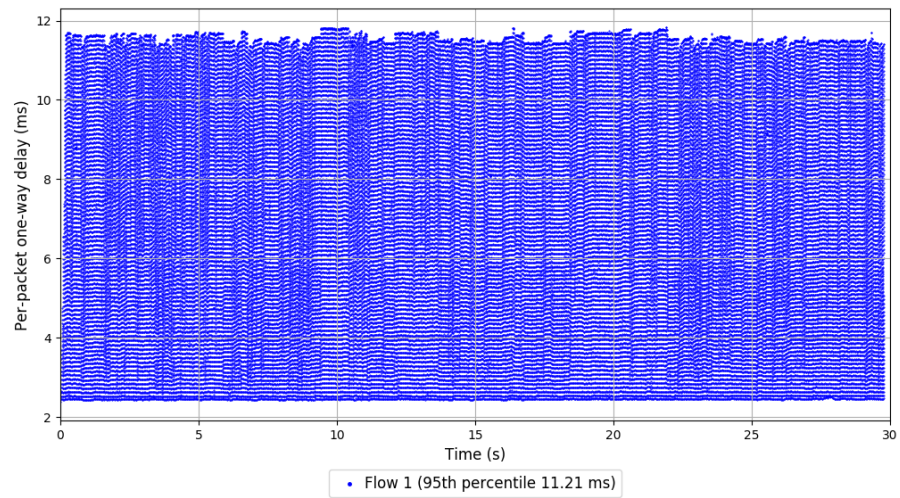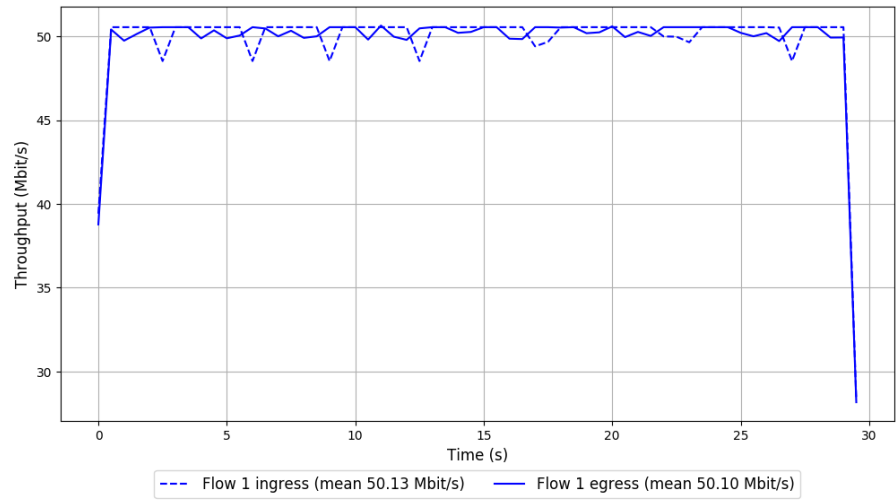
Run 9: Report of WebRTC media — Data Link

Flow 1 ingress (mean 2.44 Mbit/s)   Flow 1 egress (mean 2.44 Mbit/s)

Flow 1 (95th percentile 2.75 ms)

```
Run 10: Statistics of WebRTC media

Start at: 2018-01-16 13:14:09
End at: 2018-01-16 13:14:39
Local clock offset: -2.367 ms
Remote clock offset: 0.617 ms


# Below is generated by plot.py at 2018-01-16 17:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 2.783 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 2.783 ms
Loss rate: 0.00%
```
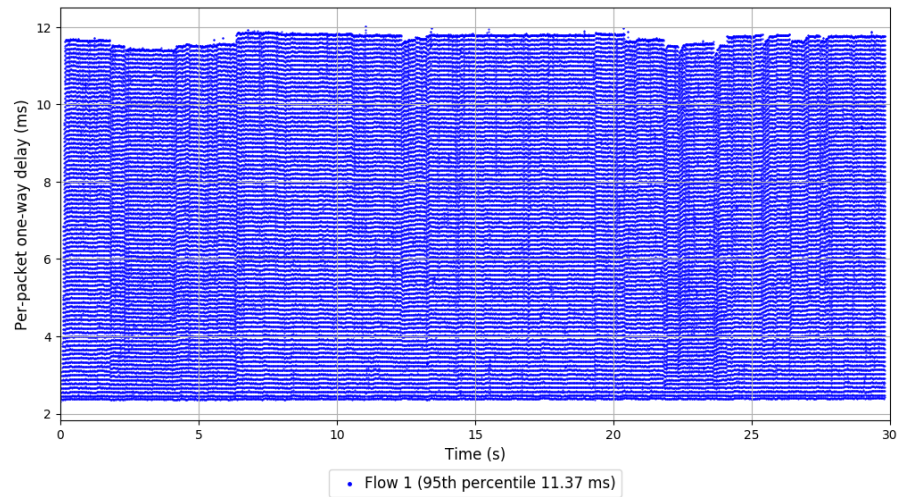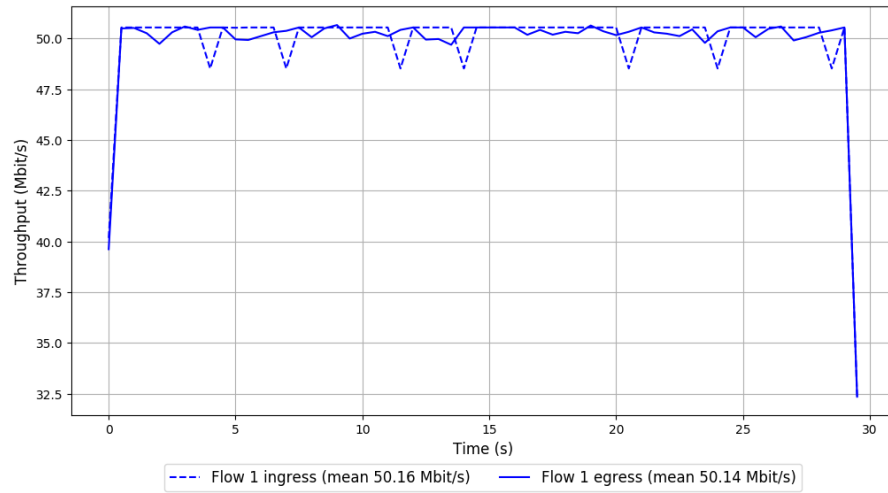
Run 10: Report of WebRTC media — Data Link

```
Run 1: Statistics of Sprout

Start at: 2018-01-16 10:16:05
End at: 2018-01-16 10:16:35
Local clock offset: -0.462 ms
Remote clock offset: -1.255 ms


# Below is generated by plot.py at 2018-01-16 17:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.12 Mbit/s
95th percentile per-packet one-way delay: 10.985 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 50.12 Mbit/s
95th percentile per-packet one-way delay: 10.985 ms
Loss rate: 0.03%
```

Run 1: Report of Sprout — Data Link

```
Run 2: Statistics of Sprout

Start at: 2018-01-16 10:36:33
End at: 2018-01-16 10:37:03
Local clock offset: -0.899 ms
Remote clock offset: -1.158 ms


# Below is generated by plot.py at 2018-01-16 17:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.10 Mbit/s
95th percentile per-packet one-way delay: 11.208 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 50.10 Mbit/s
95th percentile per-packet one-way delay: 11.208 ms
Loss rate: 0.05%
```
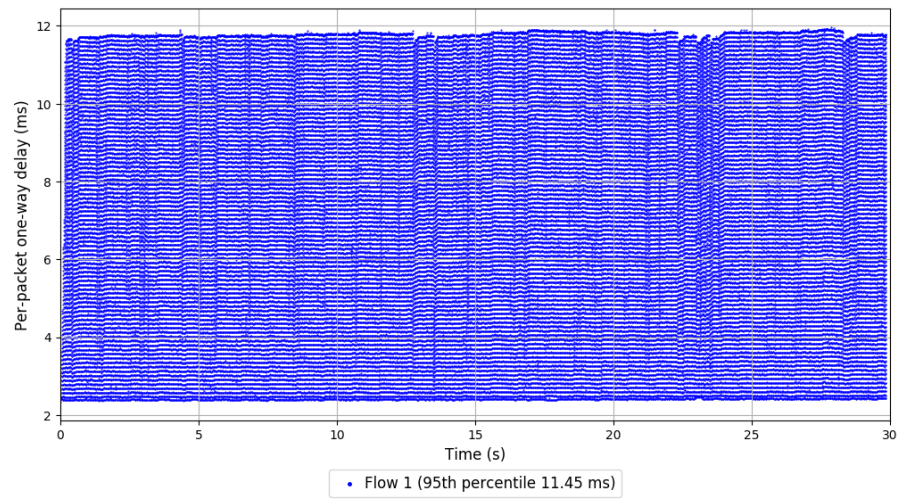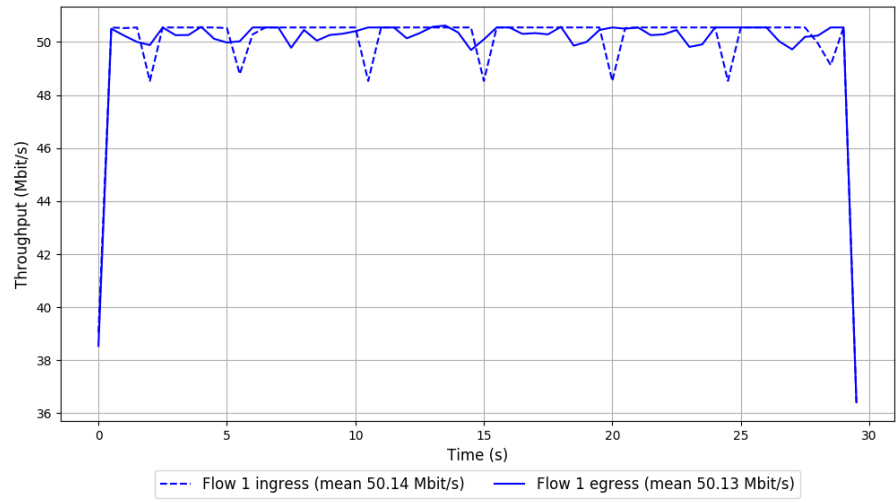
Run 2: Report of Sprout — Data Link

Flow 1 ingress (mean 50.13 Mbit/s)   Flow 1 egress (mean 50.10 Mbit/s)

Flow 1 (95th percentile 11.21 ms)

```
Run 3: Statistics of Sprout

Start at: 2018-01-16 10:57:05
End at: 2018-01-16 10:57:35
Local clock offset: -1.049 ms
Remote clock offset: -0.483 ms


# Below is generated by plot.py at 2018-01-16 17:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.14 Mbit/s
95th percentile per-packet one-way delay: 11.368 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.14 Mbit/s
95th percentile per-packet one-way delay: 11.368 ms
Loss rate: 0.00%
```
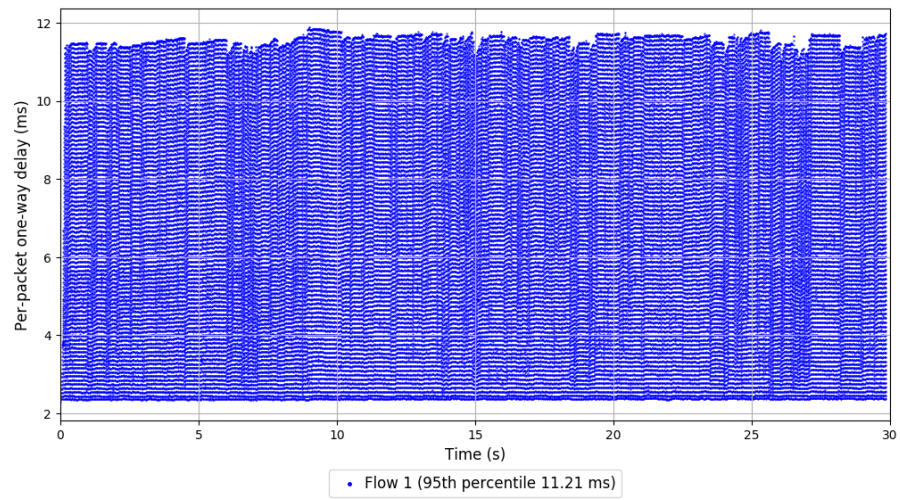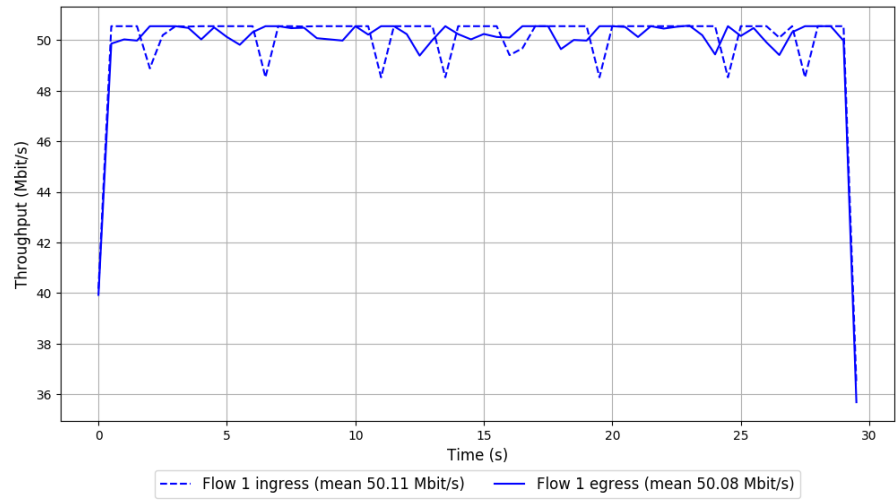
Run 3: Report of Sprout — Data Link

Flow 1 ingress (mean 50.16 Mbit/s) --- Flow 1 egress (mean 50.14 Mbit/s)

Flow 1 (95th percentile 11.37 ms)

```
Run 4: Statistics of Sprout

Start at: 2018-01-16 11:17:38
End at: 2018-01-16 11:18:08
Local clock offset: -1.358 ms
Remote clock offset: 0.248 ms


# Below is generated by plot.py at 2018-01-16 17:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.13 Mbit/s
95th percentile per-packet one-way delay: 11.453 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.13 Mbit/s
95th percentile per-packet one-way delay: 11.453 ms
Loss rate: 0.00%
```
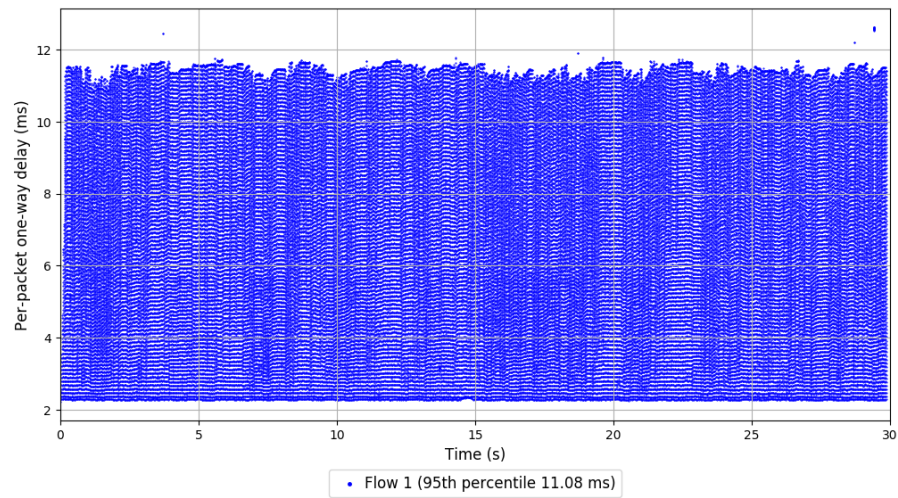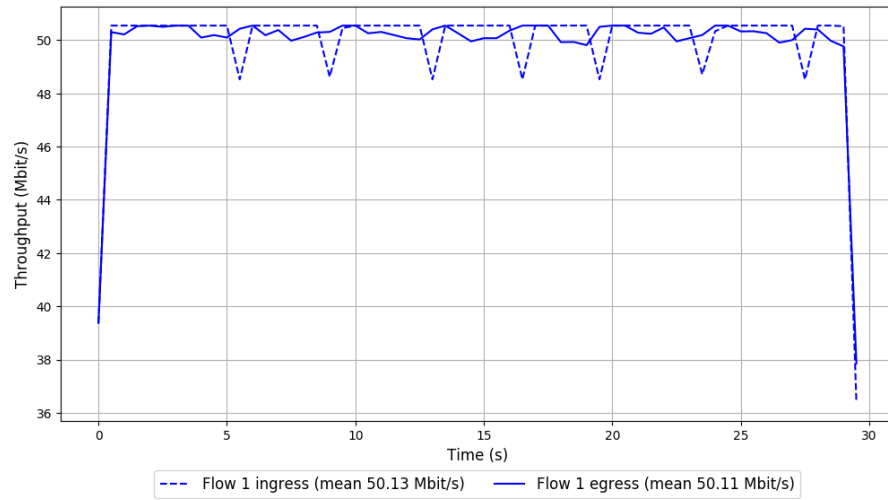
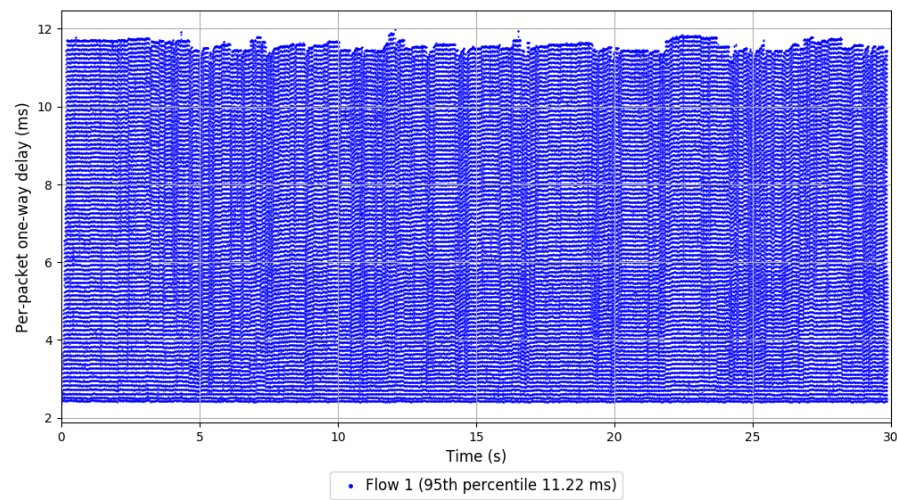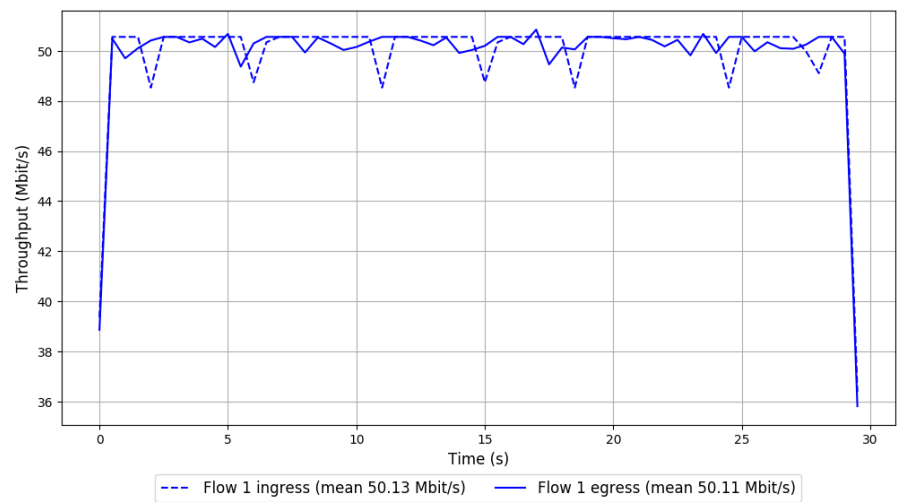Run 4: Report of Sprout — Data Link

Flow 1 ingress (mean 50.14 Mbit/s) ----   Flow 1 egress (mean 50.13 Mbit/s) ——

• Flow 1 (95th percentile 11.45 ms)

```
Run 5: Statistics of Sprout

Start at: 2018-01-16 11:38:12
End at: 2018-01-16 11:38:42
Local clock offset: -2.236 ms
Remote clock offset: 0.604 ms


# Below is generated by plot.py at 2018-01-16 17:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.08 Mbit/s
95th percentile per-packet one-way delay: 11.215 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 50.08 Mbit/s
95th percentile per-packet one-way delay: 11.215 ms
Loss rate: 0.04%
```

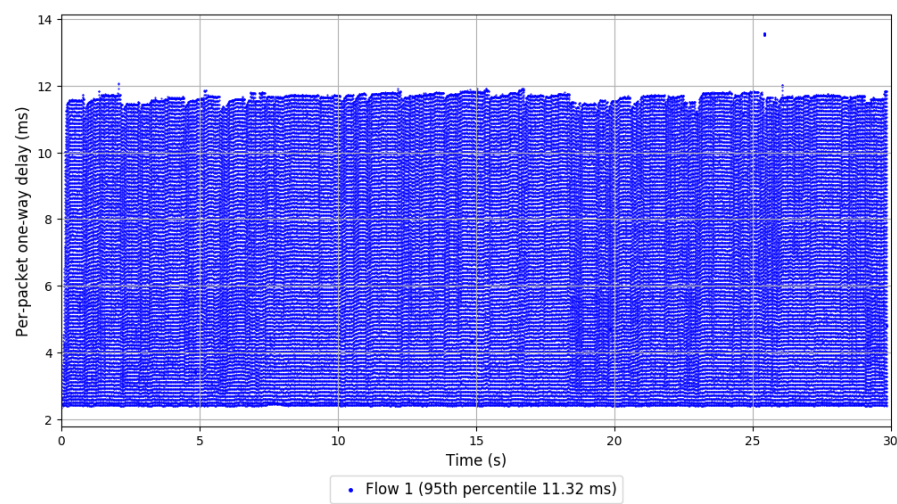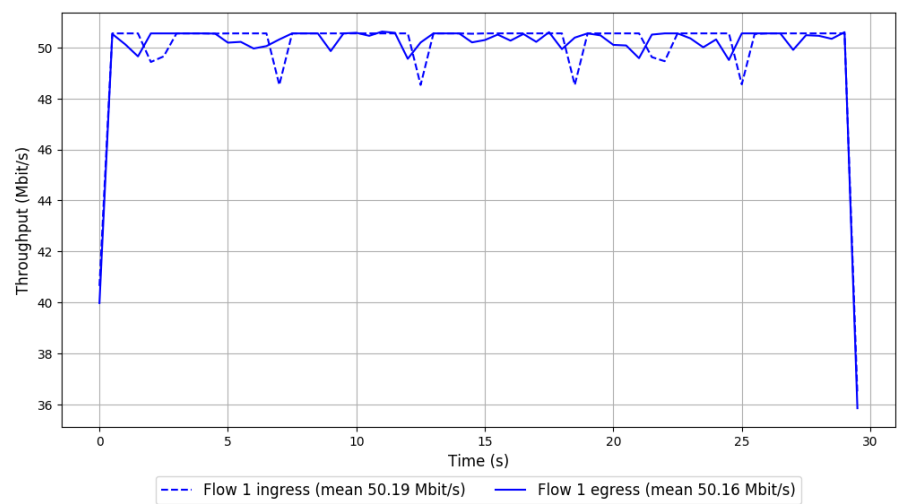Run 5: Report of Sprout — Data Link

```
Run 6: Statistics of Sprout

Start at: 2018-01-16 11:58:46
End at: 2018-01-16 11:59:16
Local clock offset: -2.431 ms
Remote clock offset: 0.708 ms


# Below is generated by plot.py at 2018-01-16 17:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.11 Mbit/s
95th percentile per-packet one-way delay: 11.079 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.11 Mbit/s
95th percentile per-packet one-way delay: 11.079 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

Flow 1 ingress (mean 50.13 Mbit/s)   Flow 1 egress (mean 50.11 Mbit/s)

Flow 1 (95th percentile 11.08 ms)

```
Run 7: Statistics of Sprout

Start at: 2018-01-16 12:19:20
End at: 2018-01-16 12:19:50
Local clock offset: -1.879 ms
Remote clock offset: 0.705 ms


# Below is generated by plot.py at 2018-01-16 17:04:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.11 Mbit/s
95th percentile per-packet one-way delay: 11.218 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 50.11 Mbit/s
95th percentile per-packet one-way delay: 11.218 ms
Loss rate: 0.04%
```
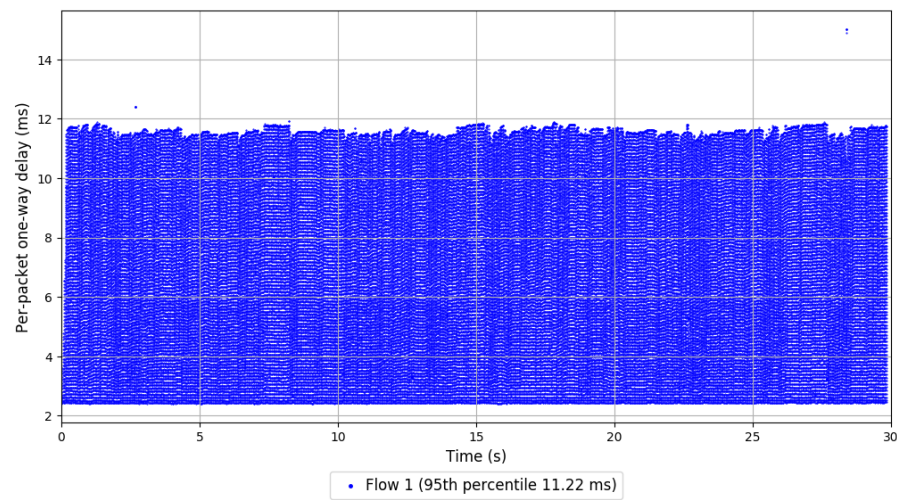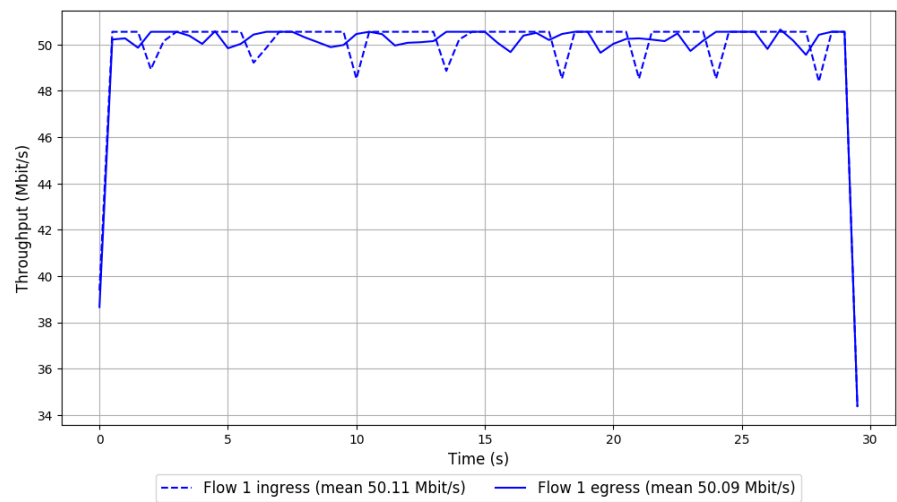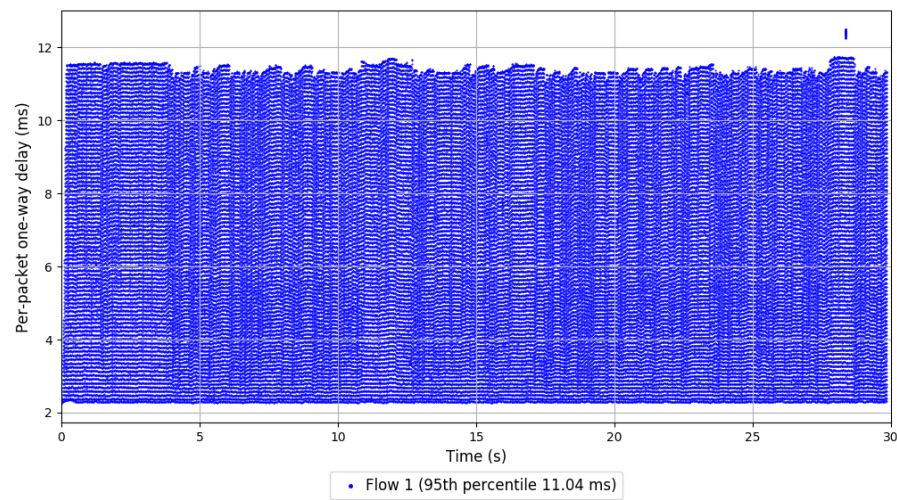
Run 7: Report of Sprout — Data Link

Flow 1 ingress (mean 50.13 Mbit/s) --- Flow 1 egress (mean 50.11 Mbit/s)

Flow 1 (95th percentile 11.22 ms)

```
Run 8: Statistics of Sprout

Start at: 2018-01-16 12:39:54
End at: 2018-01-16 12:40:24
Local clock offset: -1.531 ms
Remote clock offset: 0.797 ms


# Below is generated by plot.py at 2018-01-16 17:04:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.16 Mbit/s
95th percentile per-packet one-way delay: 11.316 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 50.16 Mbit/s
95th percentile per-packet one-way delay: 11.316 ms
Loss rate: 0.05%
```
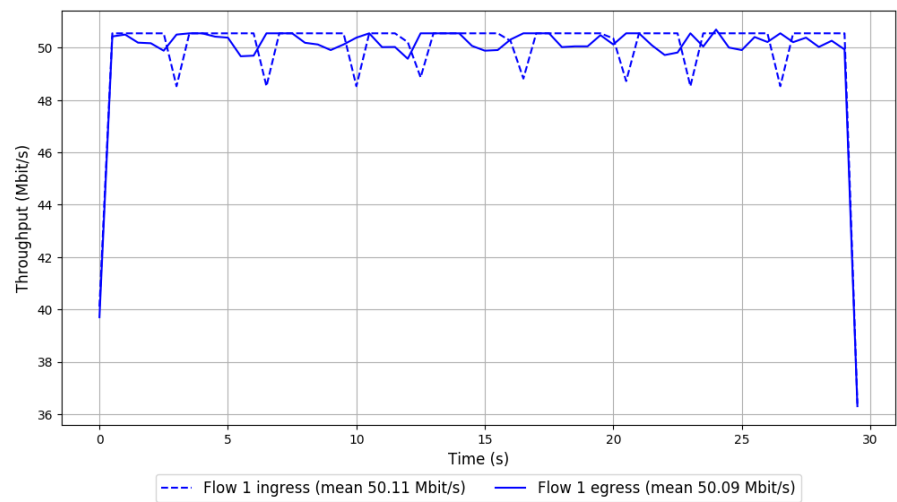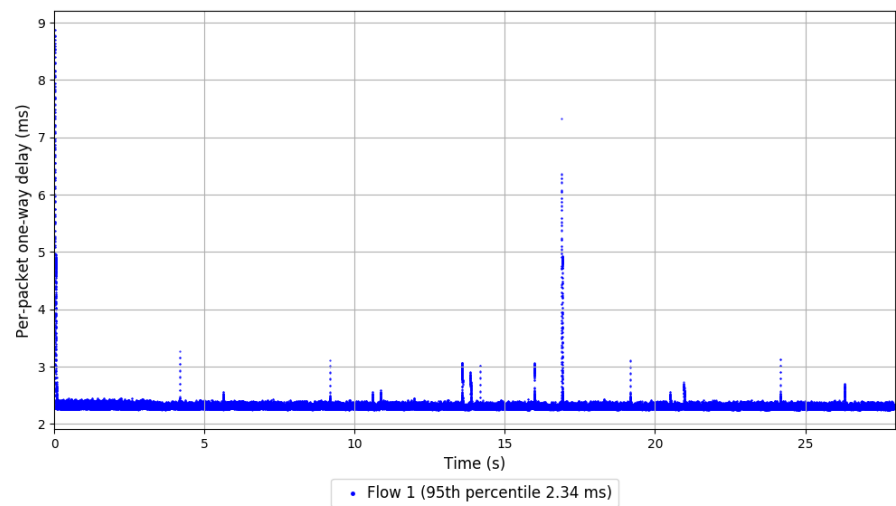
Run 8: Report of Sprout — Data Link

Flow 1 ingress (mean 50.19 Mbit/s) --- Flow 1 egress (mean 50.16 Mbit/s)

• Flow 1 (95th percentile 11.32 ms)

```
Run 9: Statistics of Sprout

Start at: 2018-01-16 13:00:26
End at: 2018-01-16 13:00:56
Local clock offset: -1.935 ms
Remote clock offset: 0.768 ms


# Below is generated by plot.py at 2018-01-16 17:04:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.09 Mbit/s
95th percentile per-packet one-way delay: 11.223 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.09 Mbit/s
95th percentile per-packet one-way delay: 11.223 ms
Loss rate: 0.00%
```
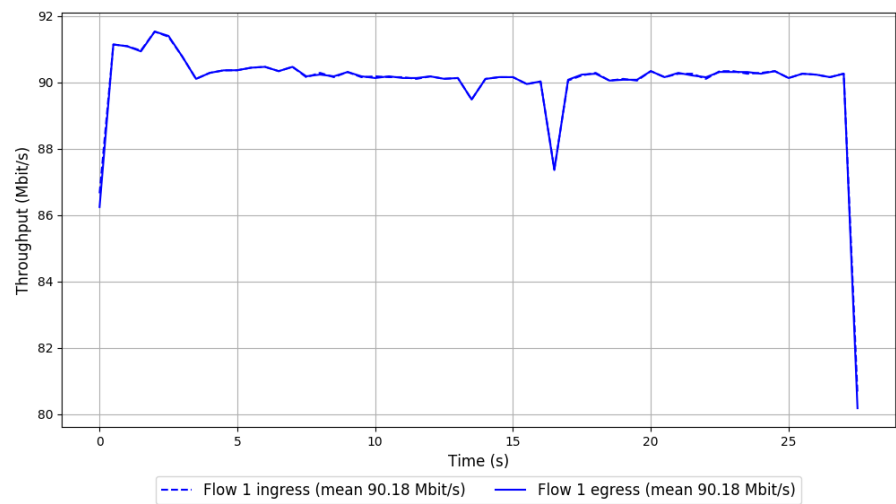
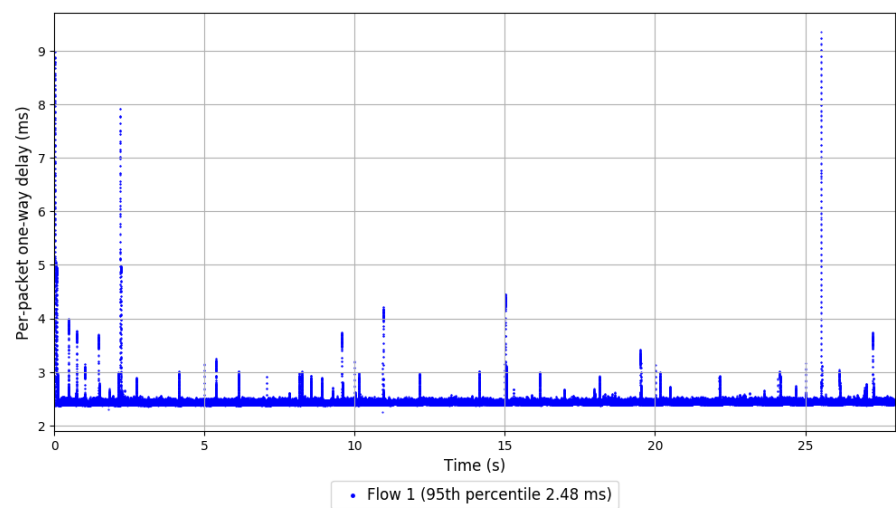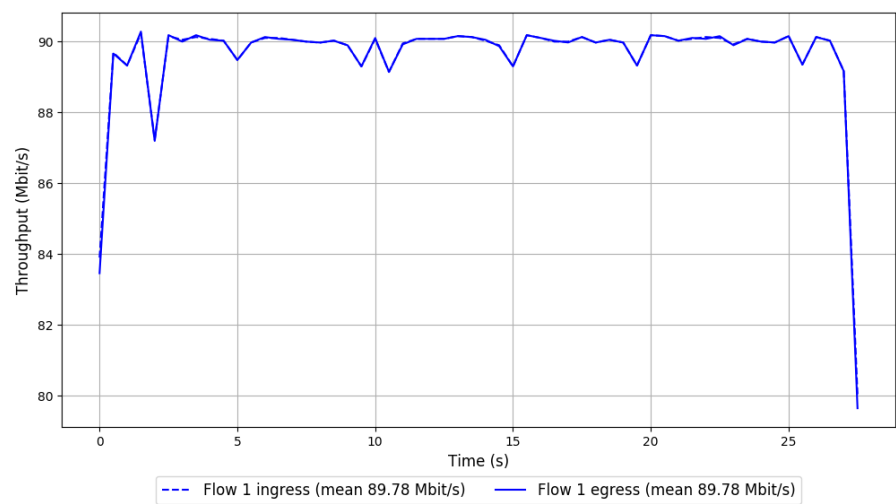Run 9: Report of Sprout — Data Link

Flow 1 ingress (mean 50.11 Mbit/s)   Flow 1 egress (mean 50.09 Mbit/s)

• Flow 1 (95th percentile 11.22 ms)

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```
Run 10: Statistics of Sprout

Start at: 2018-01-16 13:21:00
End at: 2018-01-16 13:21:30
Local clock offset: -2.658 ms
Remote clock offset: 0.532 ms


# Below is generated by plot.py at 2018-01-16 17:04:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.09 Mbit/s
95th percentile per-packet one-way delay: 11.038 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 50.09 Mbit/s
95th percentile per-packet one-way delay: 11.038 ms
Loss rate: 0.07%
```

Run 10: Report of Sprout — Data Link

Flow 1 ingress (mean 50.11 Mbit/s)   Flow 1 egress (mean 50.09 Mbit/s)
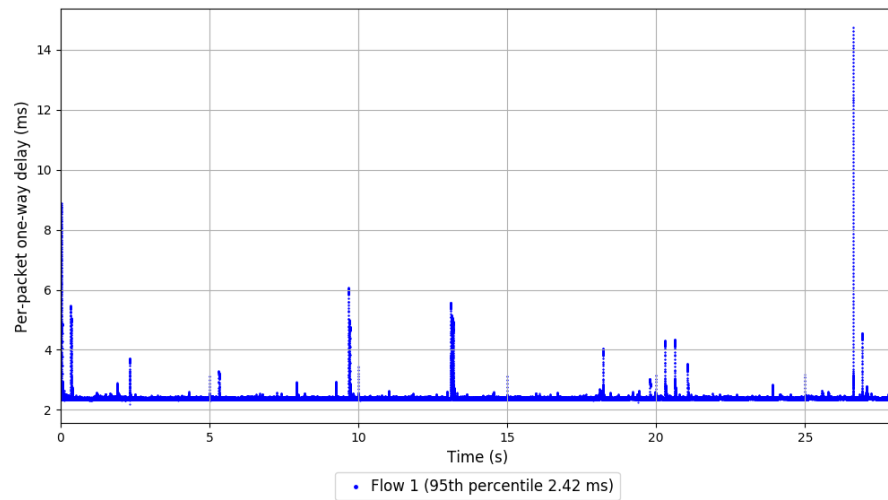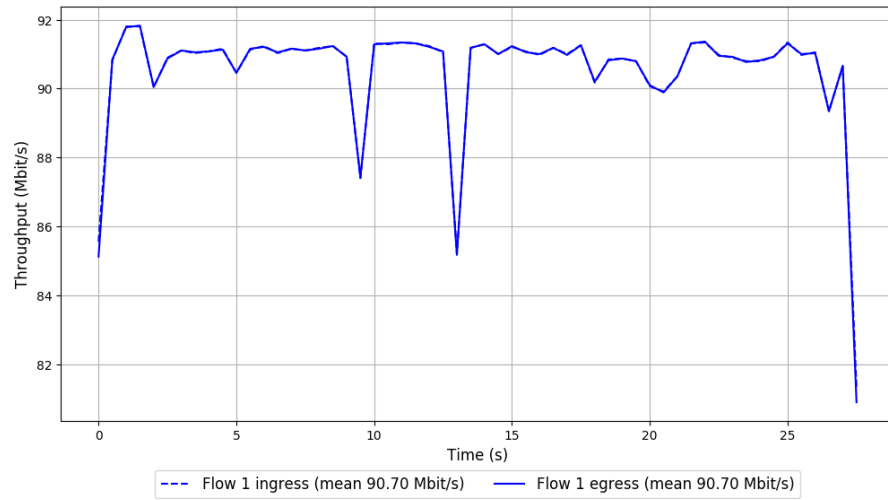

Flow 1 (95th percentile 11.04 ms)

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

Start at: 2018-01-16 10:02:13
End at: 2018-01-16 10:02:43
Local clock offset: 0.135 ms
Remote clock offset: -1.159 ms


# Below is generated by plot.py at 2018-01-16 17:06:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.18 Mbit/s
95th percentile per-packet one-way delay: 2.344 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 90.18 Mbit/s
95th percentile per-packet one-way delay: 2.344 ms
Loss rate: 0.02%
```
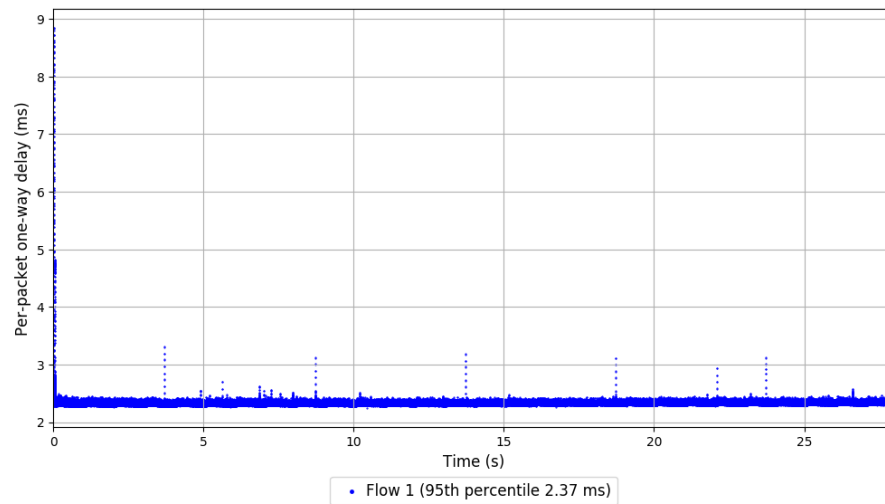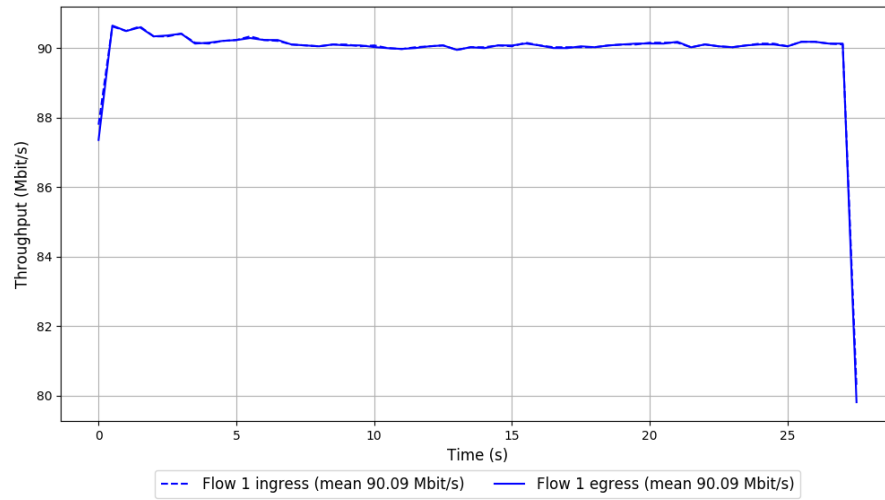
Run 1: Report of TaoVA-100x — Data Link

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

Start at: 2018-01-16 10:22:47
End at: 2018-01-16 10:23:17
Local clock offset: -0.702 ms
Remote clock offset: -1.313 ms


# Below is generated by plot.py at 2018-01-16 17:06:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.78 Mbit/s
95th percentile per-packet one-way delay: 2.478 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 89.78 Mbit/s
95th percentile per-packet one-way delay: 2.478 ms
Loss rate: 0.02%
```
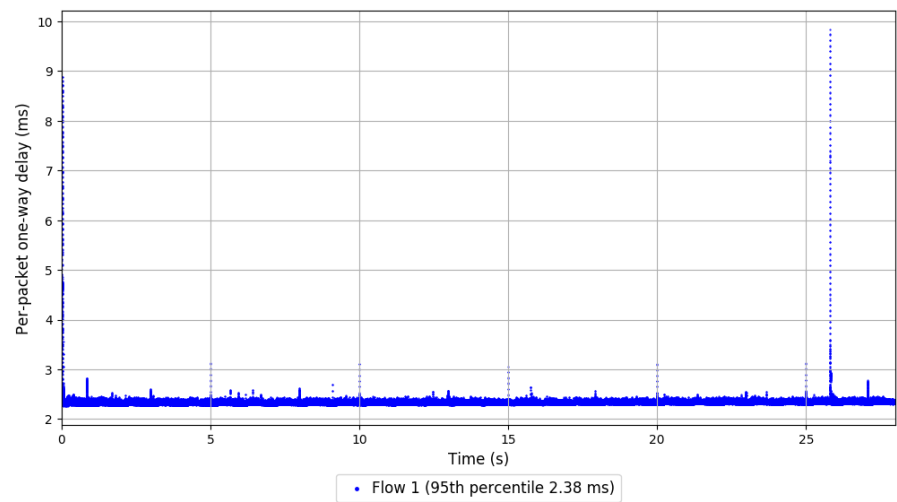
Run 2: Report of TaoVA-100x — Data Link

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

Start at: 2018-01-16 10:43:15
End at: 2018-01-16 10:43:45
Local clock offset: -0.954 ms
Remote clock offset: -0.957 ms


# Below is generated by plot.py at 2018-01-16 17:06:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.70 Mbit/s
95th percentile per-packet one-way delay: 2.417 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 90.70 Mbit/s
95th percentile per-packet one-way delay: 2.417 ms
Loss rate: 0.02%
```
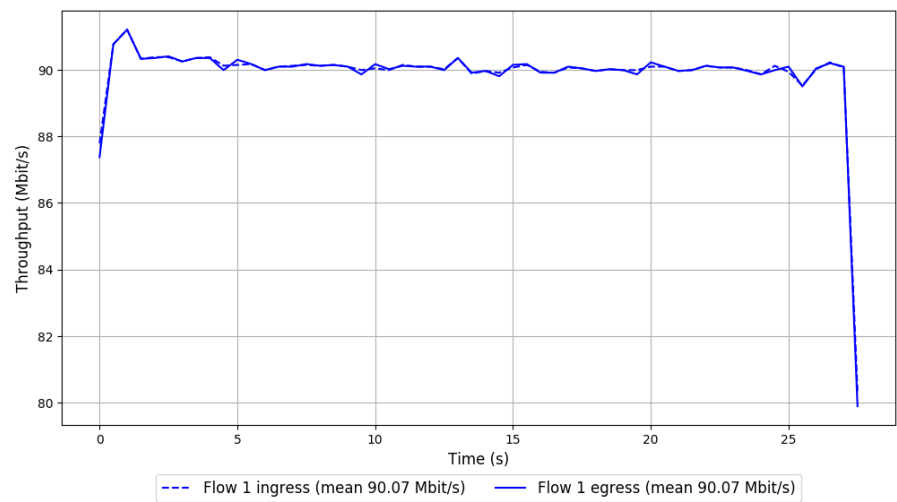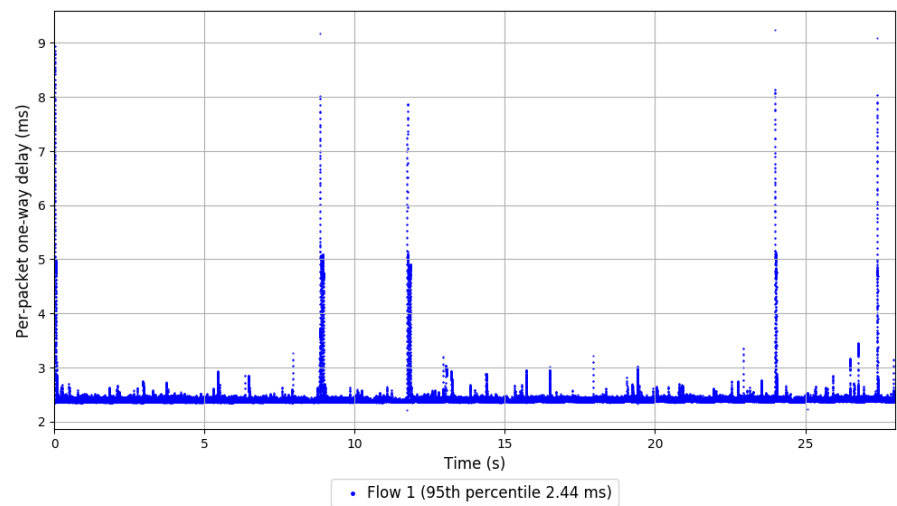
Run 3: Report of TaoVA-100x — Data Link

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

Start at: 2018-01-16 11:03:47
End at: 2018-01-16 11:04:17
Local clock offset: -1.164 ms
Remote clock offset: -0.239 ms


# Below is generated by plot.py at 2018-01-16 17:06:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.09 Mbit/s
95th percentile per-packet one-way delay: 2.374 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 90.09 Mbit/s
95th percentile per-packet one-way delay: 2.374 ms
Loss rate: 0.02%
```
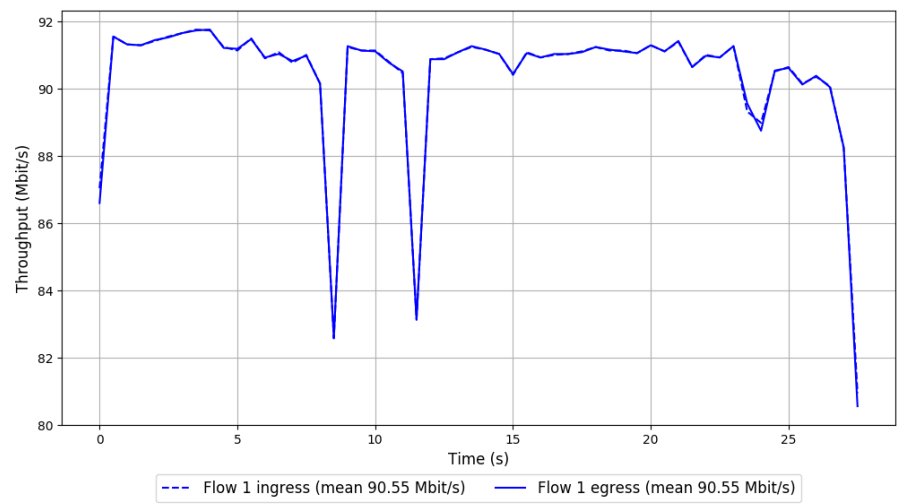
Run 4: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 90.09 Mbit/s)   Flow 1 egress (mean 90.09 Mbit/s)

Flow 1 (95th percentile 2.37 ms)

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

Start at: 2018-01-16 11:24:20
End at: 2018-01-16 11:24:50
Local clock offset: -1.694 ms
Remote clock offset: 0.44 ms


# Below is generated by plot.py at 2018-01-16 17:06:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.07 Mbit/s
95th percentile per-packet one-way delay: 2.381 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 90.07 Mbit/s
95th percentile per-packet one-way delay: 2.381 ms
Loss rate: 0.02%
```
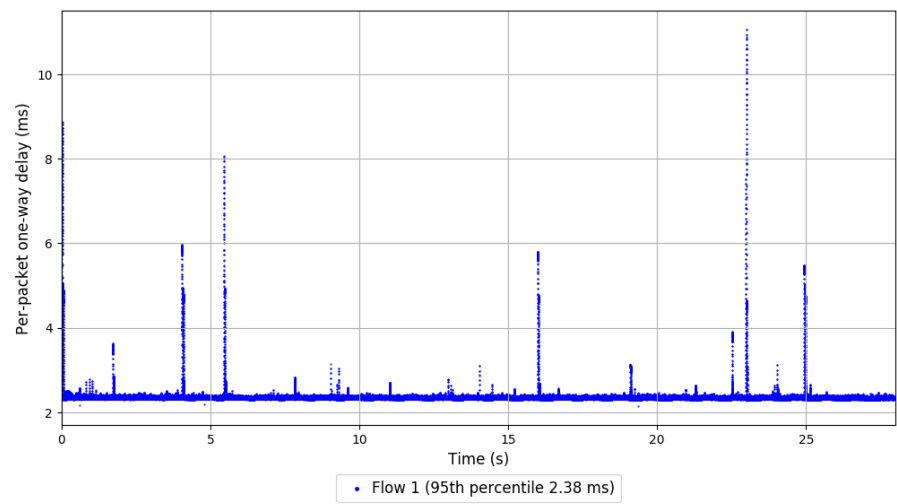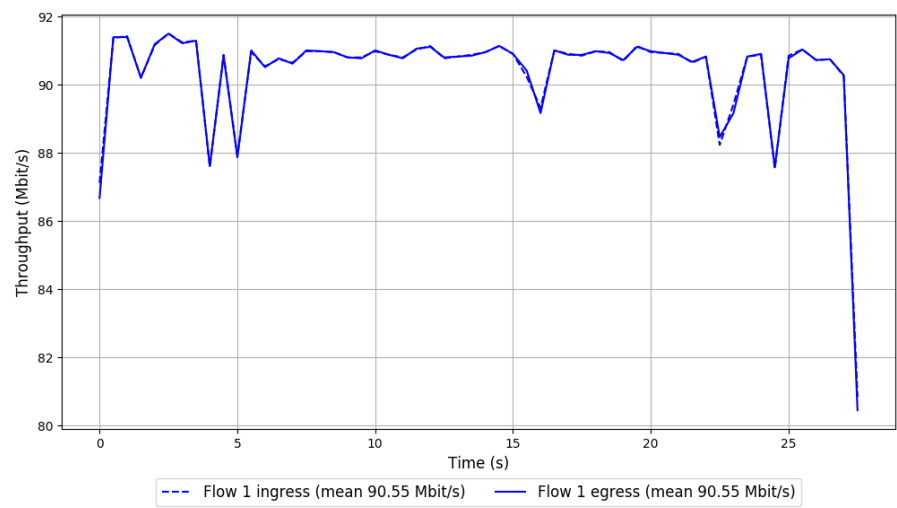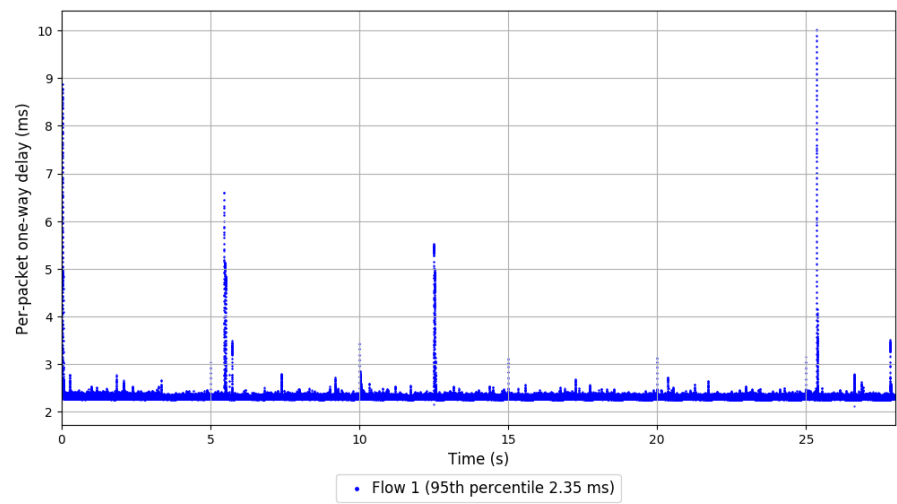
Run 5: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 90.07 Mbit/s) --- Flow 1 egress (mean 90.07 Mbit/s)

Flow 1 (95th percentile 2.38 ms)

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

Start at: 2018-01-16 11:44:55
End at: 2018-01-16 11:45:25
Local clock offset: -2.424 ms
Remote clock offset: 0.623 ms


# Below is generated by plot.py at 2018-01-16 17:06:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.55 Mbit/s
95th percentile per-packet one-way delay: 2.438 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 90.55 Mbit/s
95th percentile per-packet one-way delay: 2.438 ms
Loss rate: 0.02%
```
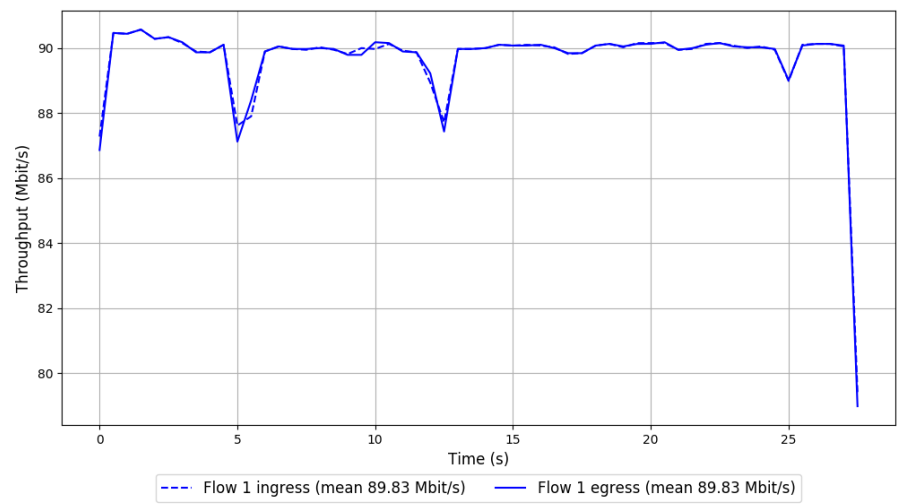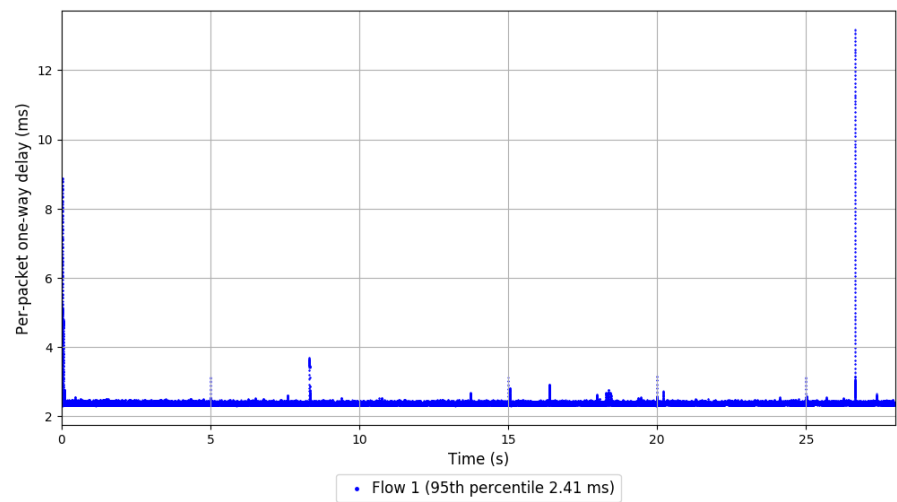
Run 6: Report of TaoVA-100x — Data Link

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

Start at: 2018-01-16 12:05:28
End at: 2018-01-16 12:05:58
Local clock offset: -2.223 ms
Remote clock offset: 0.743 ms


# Below is generated by plot.py at 2018-01-16 17:06:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.55 Mbit/s
95th percentile per-packet one-way delay: 2.375 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 90.55 Mbit/s
95th percentile per-packet one-way delay: 2.375 ms
Loss rate: 0.02%
```
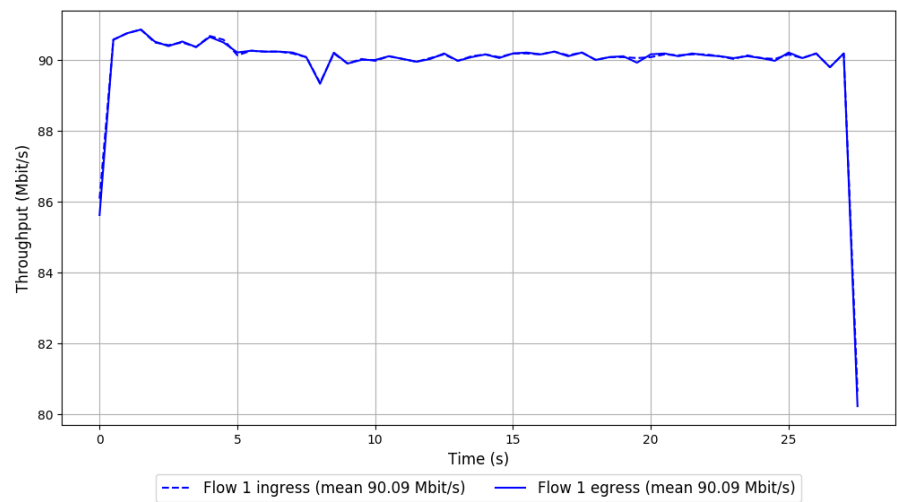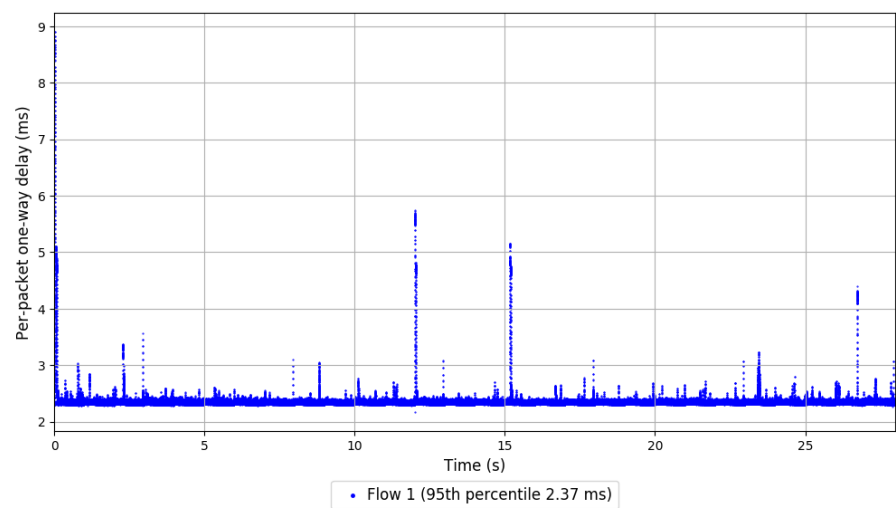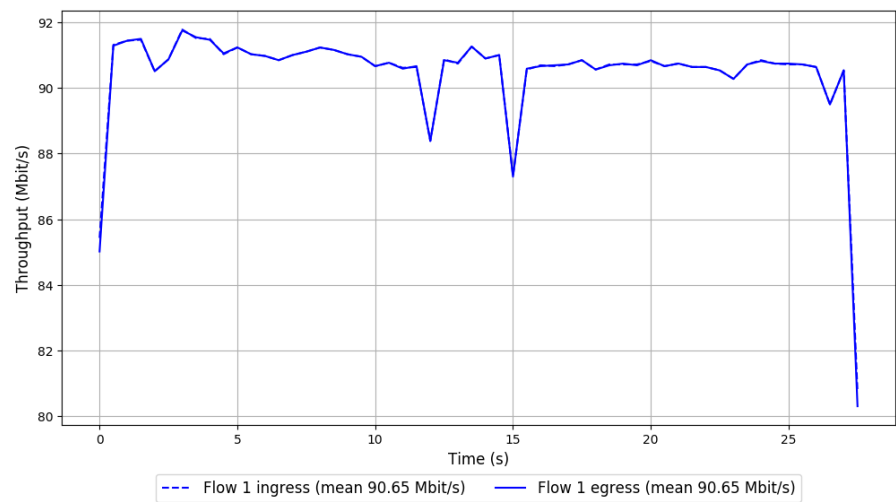
Run 7: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 90.55 Mbit/s) --- Flow 1 egress (mean 90.55 Mbit/s)

Flow 1 (95th percentile 2.38 ms)

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

Start at: 2018-01-16 12:26:02
End at: 2018-01-16 12:26:32
Local clock offset: -1.814 ms
Remote clock offset: 0.744 ms


# Below is generated by plot.py at 2018-01-16 17:06:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.83 Mbit/s
95th percentile per-packet one-way delay: 2.346 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 89.83 Mbit/s
95th percentile per-packet one-way delay: 2.346 ms
Loss rate: 0.02%
```
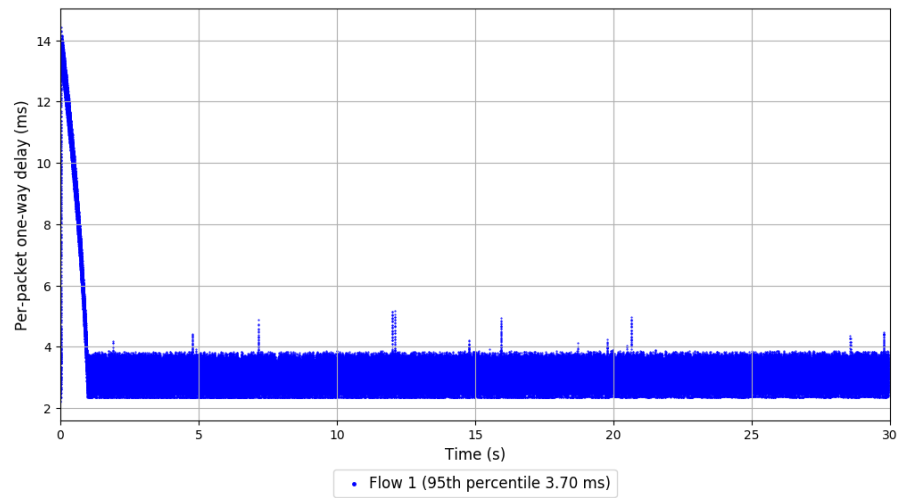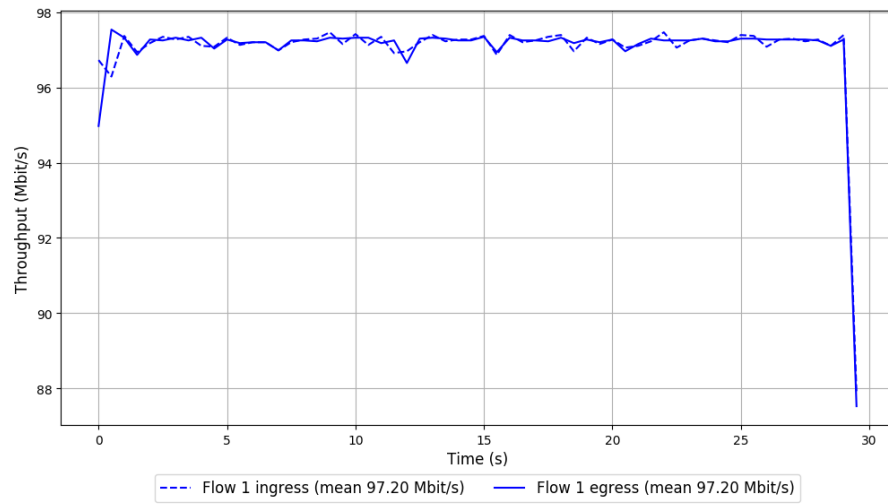
Run 8: Report of TaoVA-100x — Data Link

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

Start at: 2018-01-16 12:46:36
End at: 2018-01-16 12:47:06
Local clock offset: -1.67 ms
Remote clock offset: 0.793 ms


# Below is generated by plot.py at 2018-01-16 17:08:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.09 Mbit/s
95th percentile per-packet one-way delay: 2.407 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 90.09 Mbit/s
95th percentile per-packet one-way delay: 2.407 ms
Loss rate: 0.02%
```

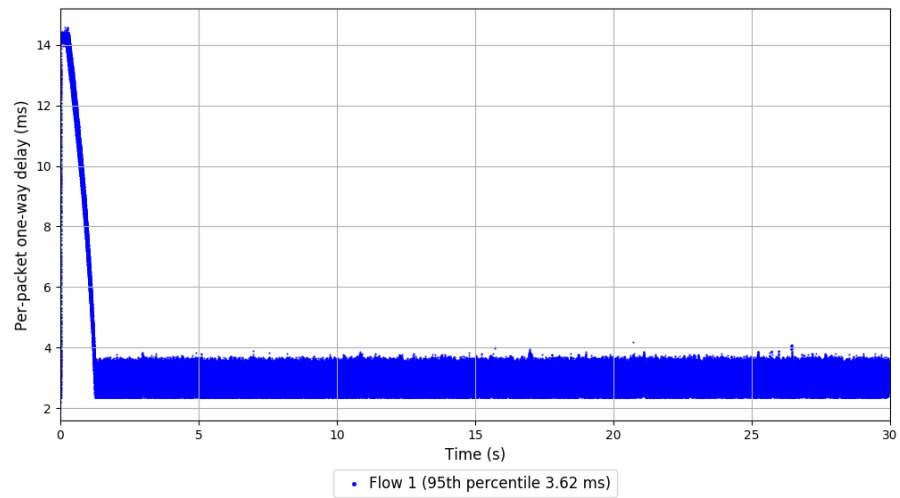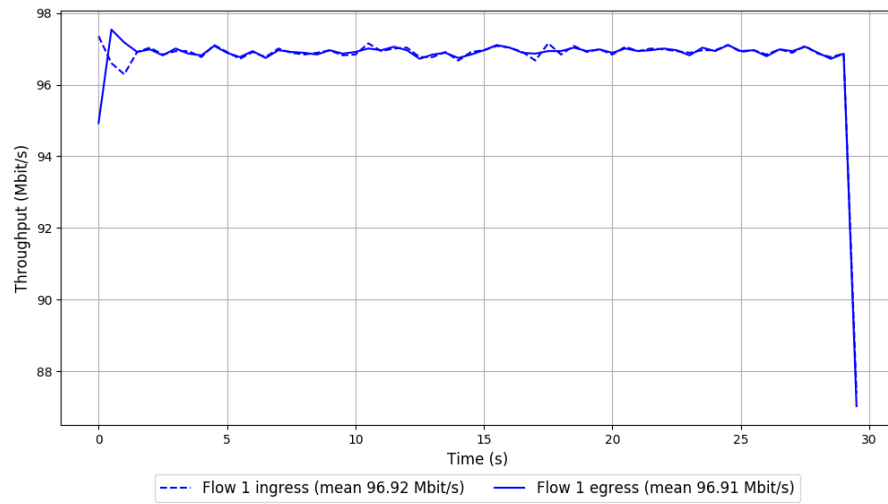Run 9: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 90.09 Mbit/s) --- Flow 1 egress (mean 90.09 Mbit/s)

· Flow 1 (95th percentile 2.41 ms)

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

Start at: 2018-01-16 13:07:08
End at: 2018-01-16 13:07:38
Local clock offset: -2.153 ms
Remote clock offset: 0.782 ms


# Below is generated by plot.py at 2018-01-16 17:08:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.65 Mbit/s
95th percentile per-packet one-way delay: 2.373 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 90.65 Mbit/s
95th percentile per-packet one-way delay: 2.373 ms
Loss rate: 0.02%
```
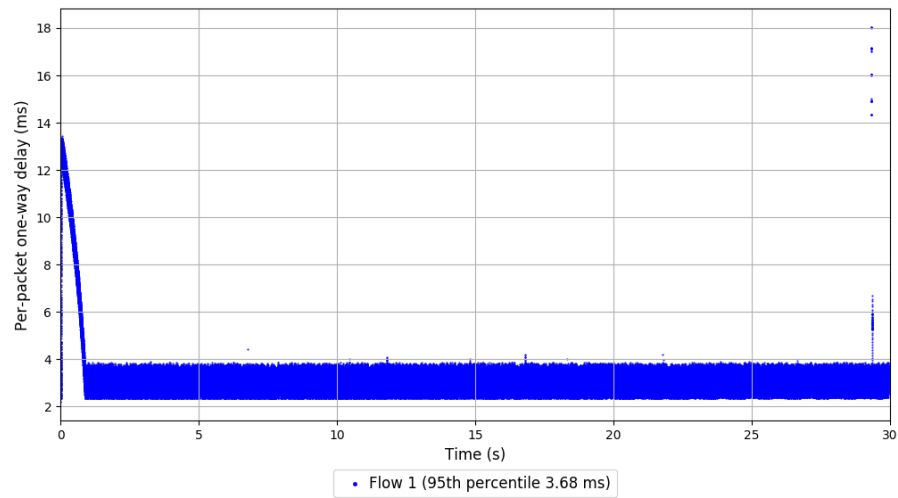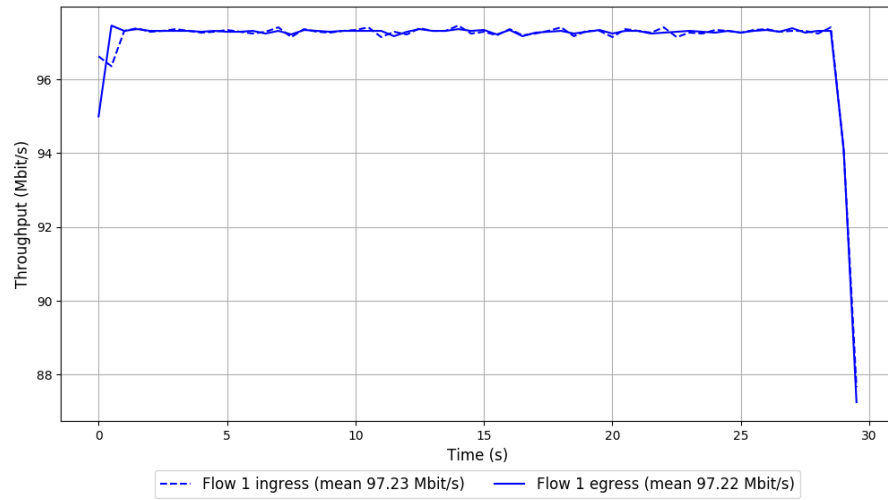
Run 10: Report of TaoVA-100x — Data Link

```
Run 1: Statistics of TCP Vegas

Start at: 2018-01-16 10:19:24
End at: 2018-01-16 10:19:54
Local clock offset: -0.572 ms
Remote clock offset: -1.268 ms


# Below is generated by plot.py at 2018-01-16 17:08:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.20 Mbit/s
95th percentile per-packet one-way delay: 3.696 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.20 Mbit/s
95th percentile per-packet one-way delay: 3.696 ms
Loss rate: 0.02%
```
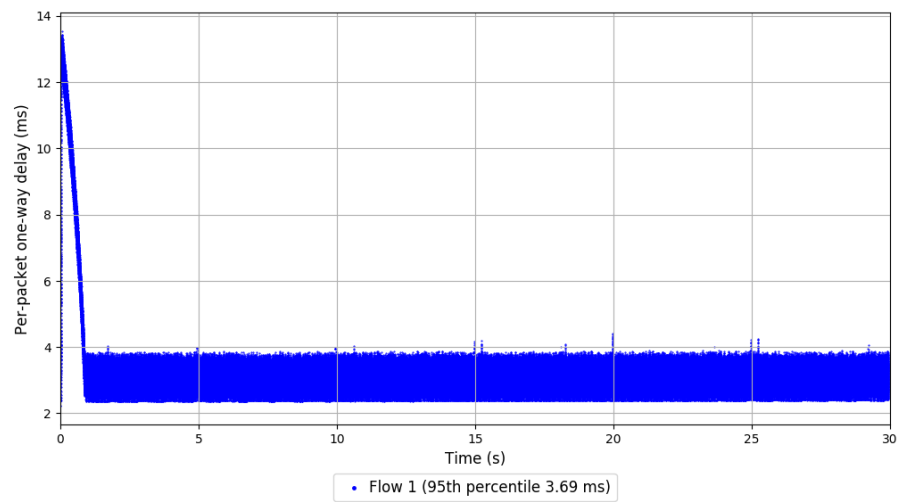
Run 1: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 97.20 Mbit/s) ----   Flow 1 egress (mean 97.20 Mbit/s) ——

• Flow 1 (95th percentile 3.70 ms)

```
Run 2: Statistics of TCP Vegas

Start at: 2018-01-16 10:39:53
End at: 2018-01-16 10:40:23
Local clock offset: -0.934 ms
Remote clock offset: -1.05 ms


# Below is generated by plot.py at 2018-01-16 17:08:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.91 Mbit/s
95th percentile per-packet one-way delay: 3.618 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.91 Mbit/s
95th percentile per-packet one-way delay: 3.618 ms
Loss rate: 0.02%
```
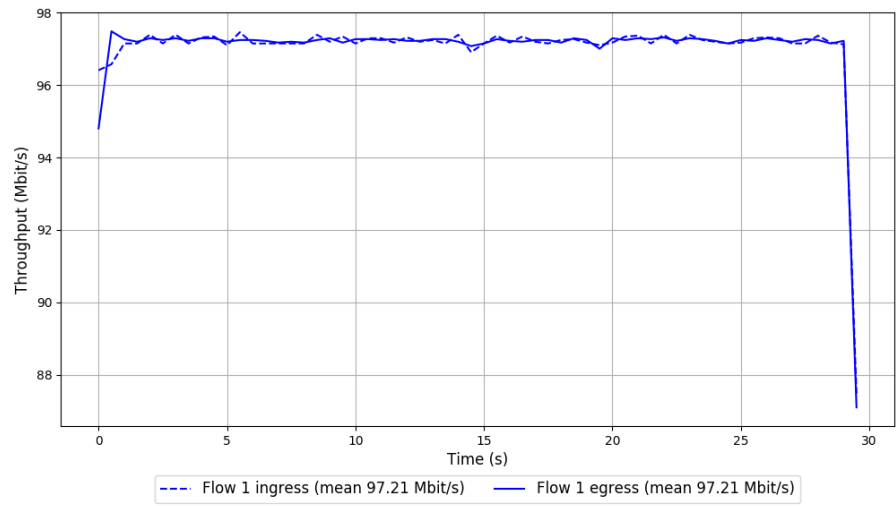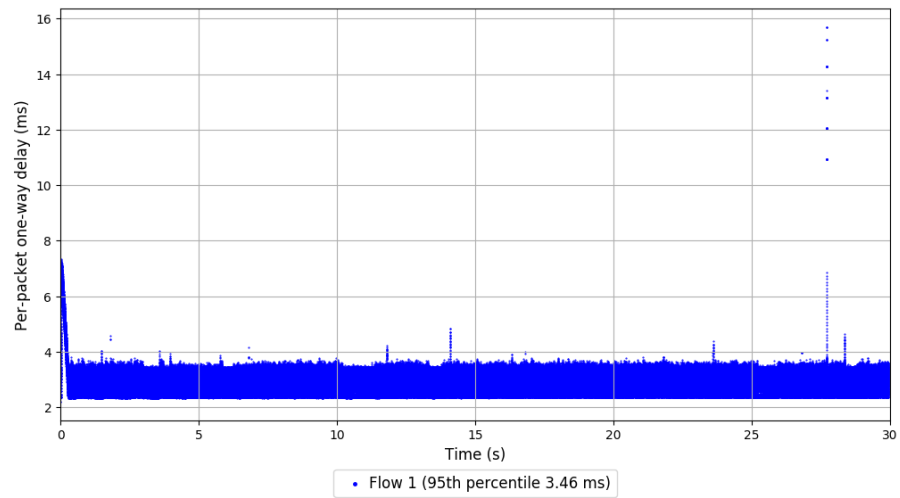
Run 2: Report of TCP Vegas — Data Link

```
Run 3: Statistics of TCP Vegas

Start at: 2018-01-16 11:00:25
End at: 2018-01-16 11:00:55
Local clock offset: -1.067 ms
Remote clock offset: -0.357 ms


# Below is generated by plot.py at 2018-01-16 17:08:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.22 Mbit/s
95th percentile per-packet one-way delay: 3.683 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.22 Mbit/s
95th percentile per-packet one-way delay: 3.683 ms
Loss rate: 0.02%
```
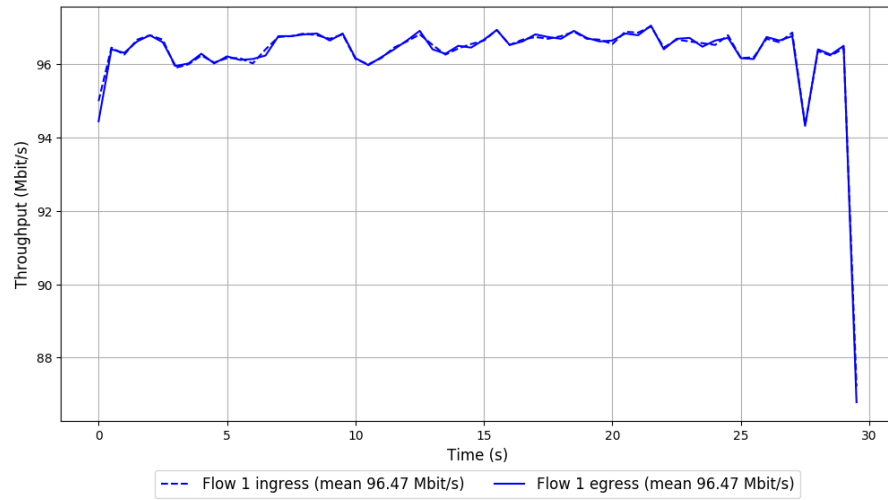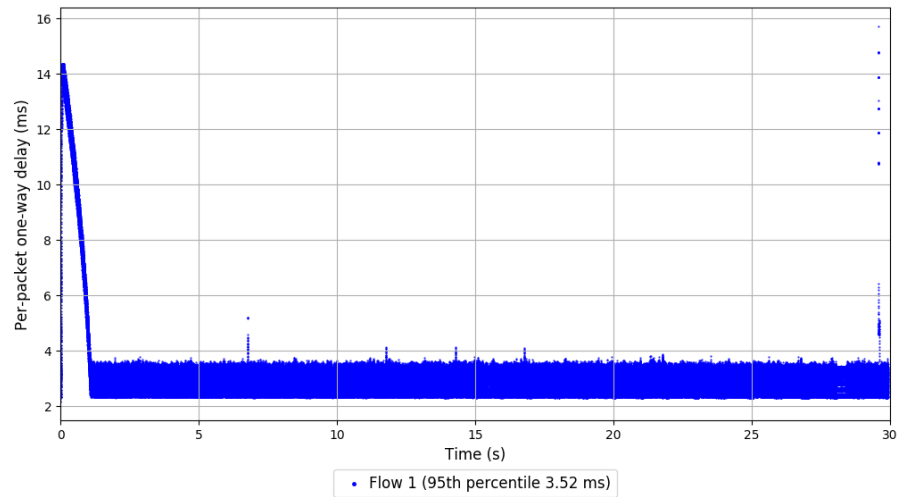
Run 3: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 97.23 Mbit/s)   Flow 1 egress (mean 97.22 Mbit/s)

Flow 1 (95th percentile 3.68 ms)

```
Run 4: Statistics of TCP Vegas

Start at: 2018-01-16 11:20:58
End at: 2018-01-16 11:21:28
Local clock offset: -1.48 ms
Remote clock offset: 0.356 ms


# Below is generated by plot.py at 2018-01-16 17:08:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 3.694 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 3.694 ms
Loss rate: 0.02%
```
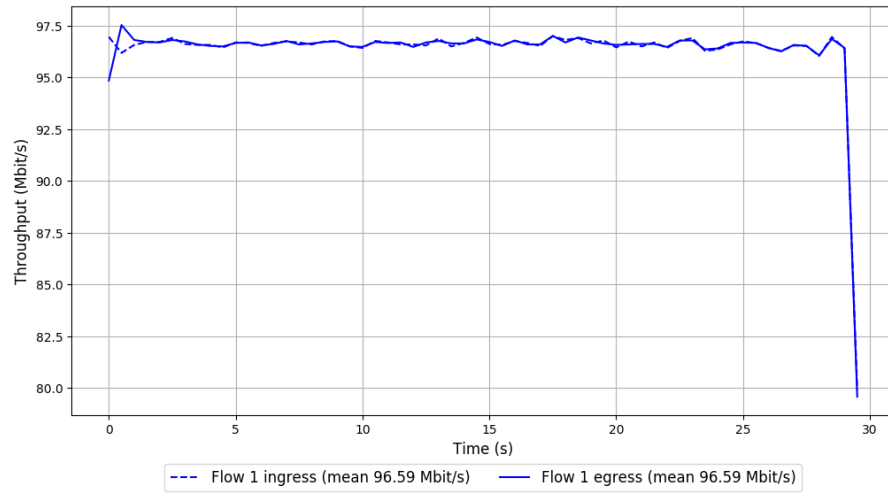
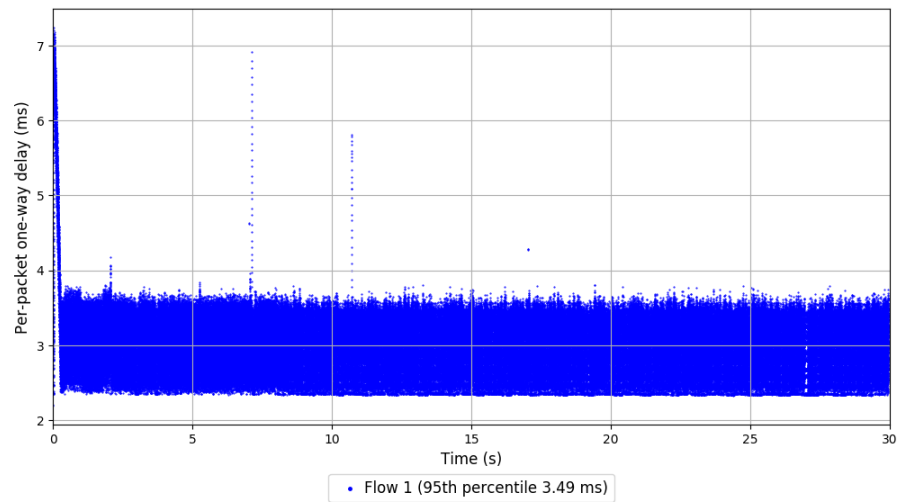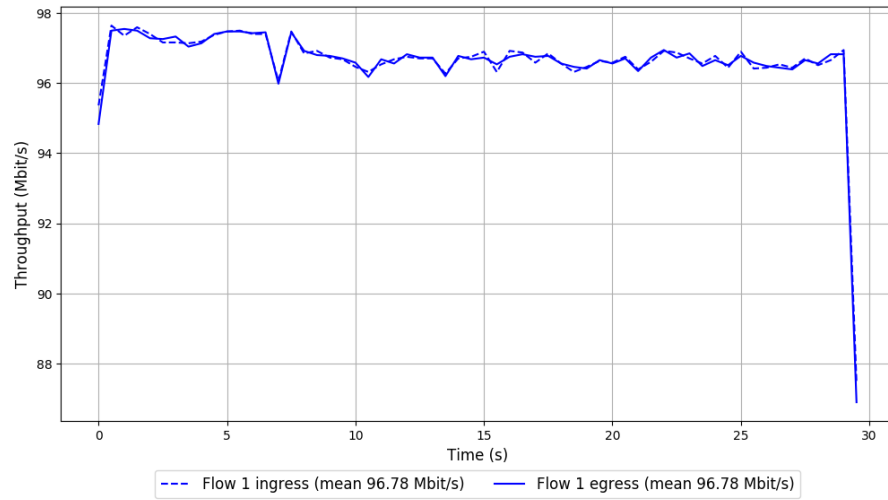# Run 4: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 97.21 Mbit/s)   Flow 1 egress (mean 97.21 Mbit/s)

Flow 1 (95th percentile 3.69 ms)

```
Run 5: Statistics of TCP Vegas

Start at: 2018-01-16 11:41:32
End at: 2018-01-16 11:42:02
Local clock offset: -2.309 ms
Remote clock offset: 0.634 ms


# Below is generated by plot.py at 2018-01-16 17:08:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.47 Mbit/s
95th percentile per-packet one-way delay: 3.457 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.47 Mbit/s
95th percentile per-packet one-way delay: 3.457 ms
Loss rate: 0.02%
```

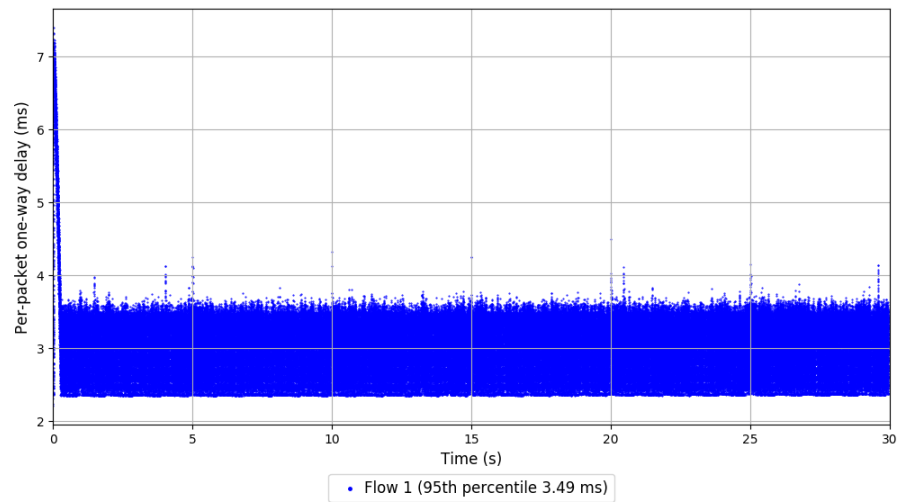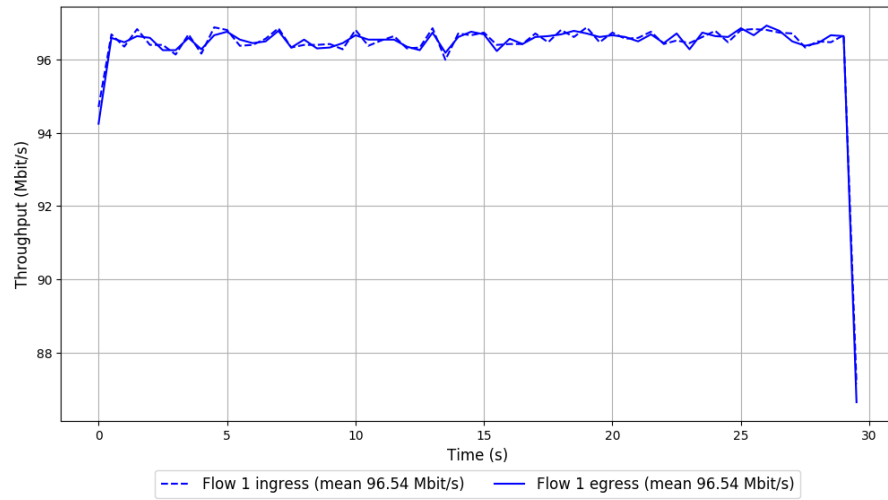Run 5: Report of TCP Vegas — Data Link

```
Run 6: Statistics of TCP Vegas

Start at: 2018-01-16 12:02:06
End at: 2018-01-16 12:02:36
Local clock offset: -2.283 ms
Remote clock offset: 0.737 ms


# Below is generated by plot.py at 2018-01-16 17:08:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.59 Mbit/s
95th percentile per-packet one-way delay: 3.516 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.59 Mbit/s
95th percentile per-packet one-way delay: 3.516 ms
Loss rate: 0.02%
```

Run 6: Report of TCP Vegas — Data Link

```
Run 7: Statistics of TCP Vegas

Start at: 2018-01-16 12:22:39
End at: 2018-01-16 12:23:09
Local clock offset: -1.806 ms
Remote clock offset: 0.768 ms


# Below is generated by plot.py at 2018-01-16 17:09:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 3.494 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 3.494 ms
Loss rate: 0.02%
```
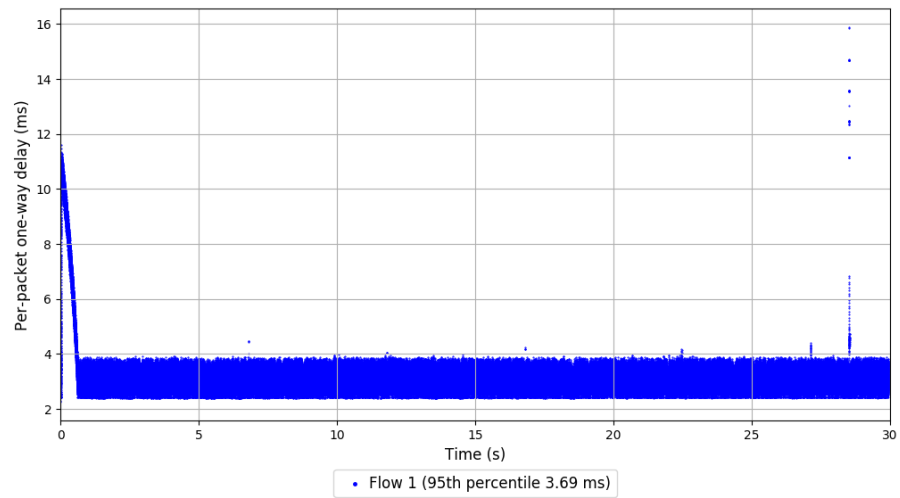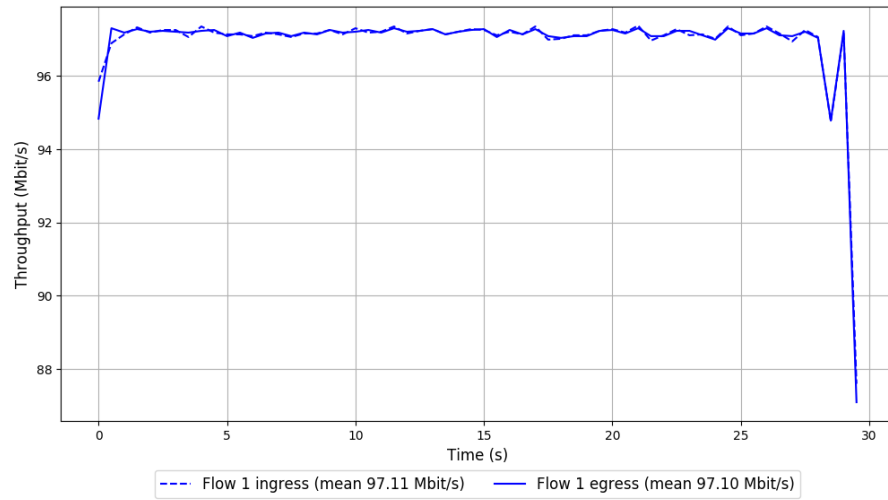
Run 7: Report of TCP Vegas — Data Link

```
Run 8: Statistics of TCP Vegas

Start at: 2018-01-16 12:43:13
End at: 2018-01-16 12:43:43
Local clock offset: -1.509 ms
Remote clock offset: 0.875 ms


# Below is generated by plot.py at 2018-01-16 17:09:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.54 Mbit/s
95th percentile per-packet one-way delay: 3.486 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.54 Mbit/s
95th percentile per-packet one-way delay: 3.486 ms
Loss rate: 0.02%
```
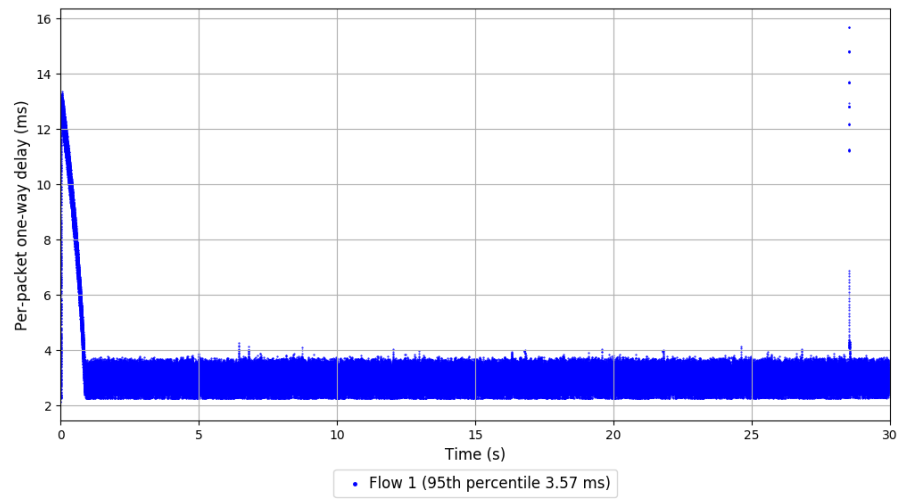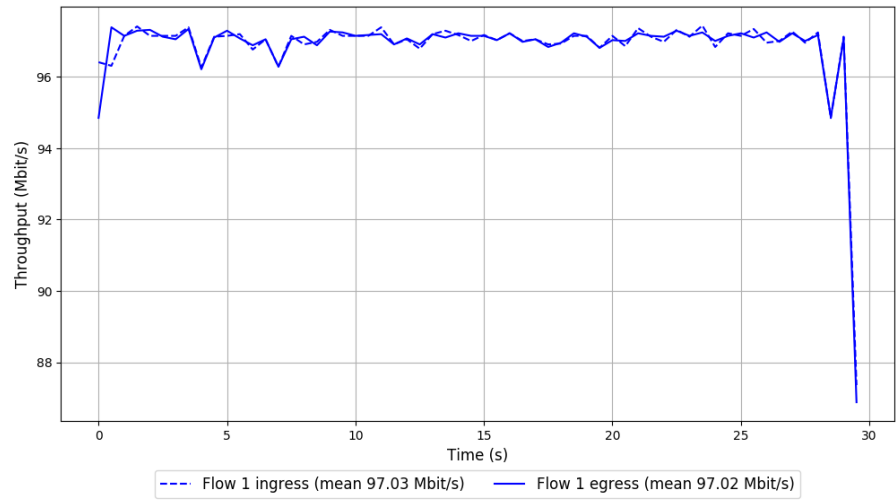
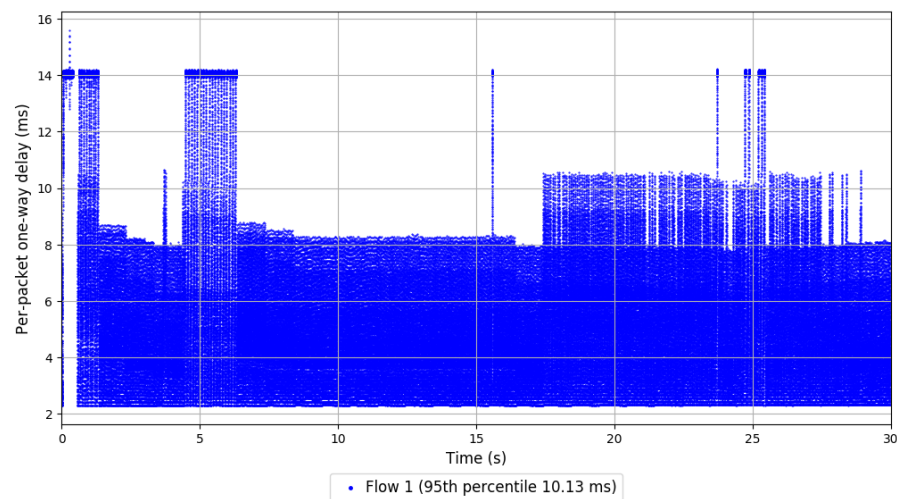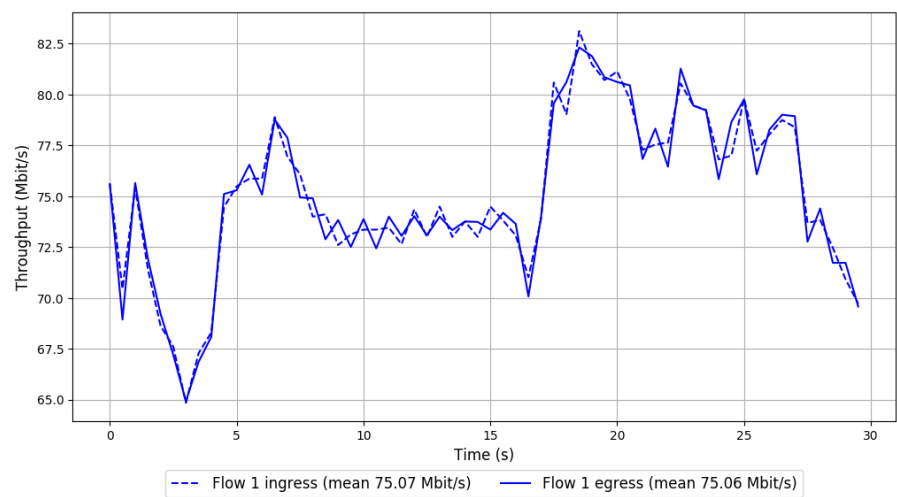## Run 8: Report of TCP Vegas — Data Link

```
Run 9: Statistics of TCP Vegas

Start at: 2018-01-16 13:03:45
End at: 2018-01-16 13:04:15
Local clock offset: -2.061 ms
Remote clock offset: 0.725 ms


# Below is generated by plot.py at 2018-01-16 17:09:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 3.685 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 3.685 ms
Loss rate: 0.02%
```

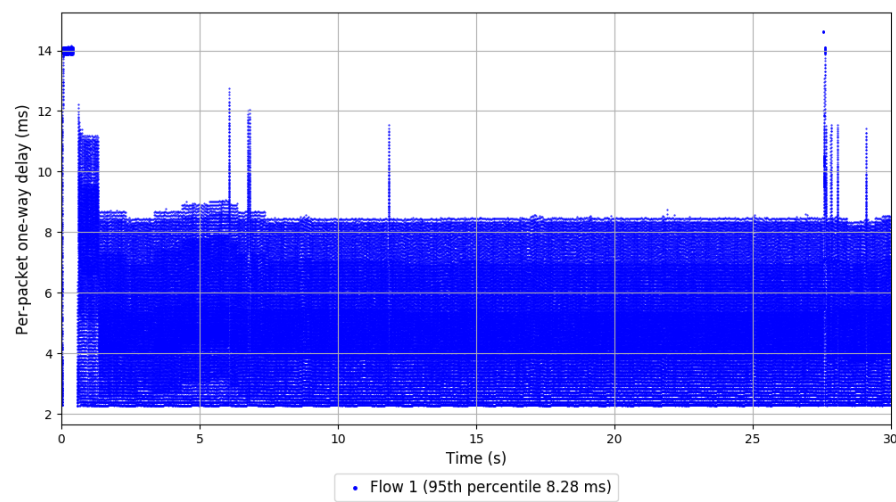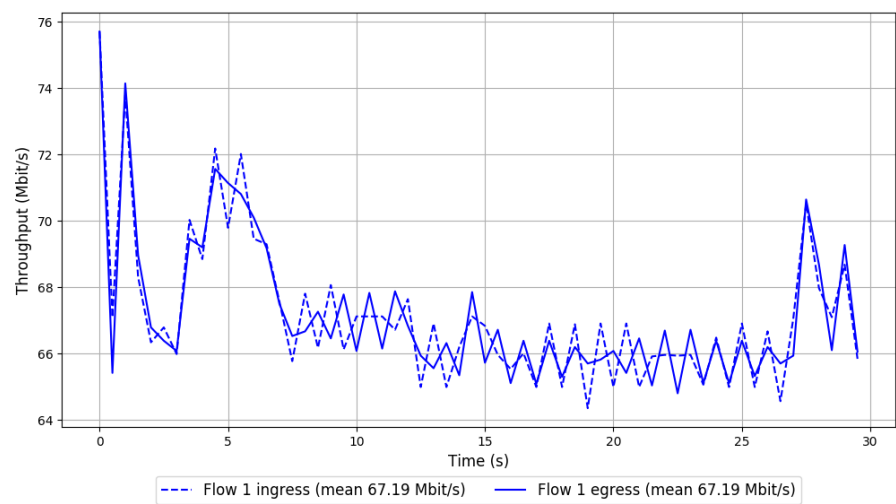Run 9: Report of TCP Vegas — Data Link

```
Run 10: Statistics of TCP Vegas

Start at: 2018-01-16 13:24:20
End at: 2018-01-16 13:24:50
Local clock offset: -2.758 ms
Remote clock offset: 0.454 ms


# Below is generated by plot.py at 2018-01-16 17:09:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.02 Mbit/s
95th percentile per-packet one-way delay: 3.569 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.02 Mbit/s
95th percentile per-packet one-way delay: 3.569 ms
Loss rate: 0.02%
```
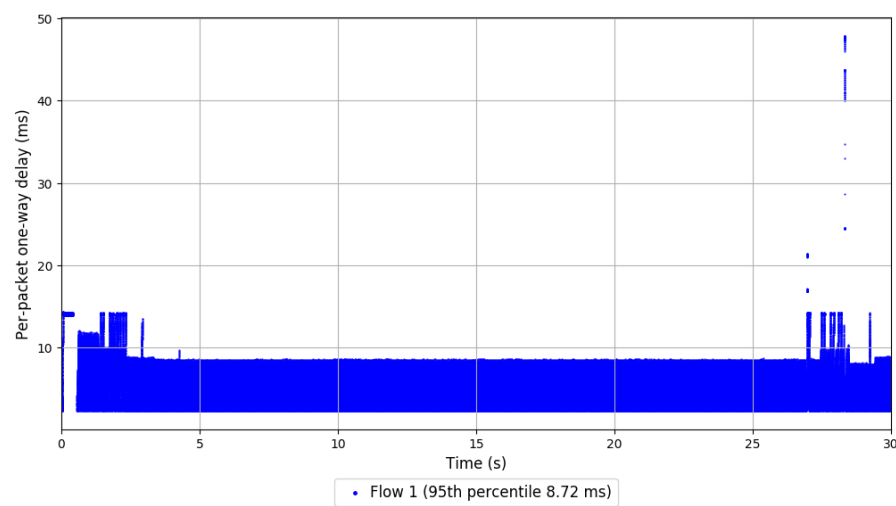
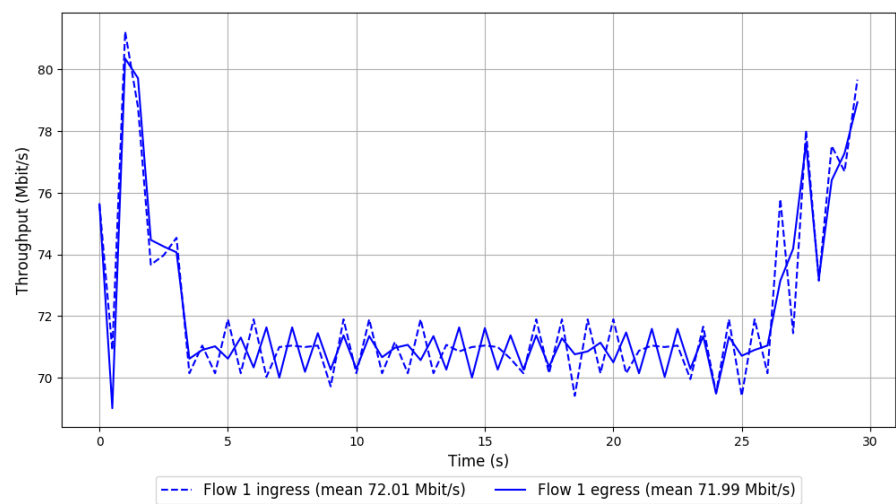Run 10: Report of TCP Vegas — Data Link

```
Run 1: Statistics of Verus

Start at: 2018-01-16 10:06:56
End at: 2018-01-16 10:07:26
Local clock offset: 0.008 ms
Remote clock offset: -1.216 ms


# Below is generated by plot.py at 2018-01-16 17:09:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.06 Mbit/s
95th percentile per-packet one-way delay: 10.131 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 75.06 Mbit/s
95th percentile per-packet one-way delay: 10.131 ms
Loss rate: 0.01%
```

Run 1: Report of Verus — Data Link

Flow 1 ingress (mean 75.07 Mbit/s)   Flow 1 egress (mean 75.06 Mbit/s)

Flow 1 (95th percentile 10.13 ms)

```
Run 2: Statistics of Verus

Start at: 2018-01-16 10:27:29
End at: 2018-01-16 10:27:59
Local clock offset: -0.84 ms
Remote clock offset: -1.184 ms


# Below is generated by plot.py at 2018-01-16 17:09:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.19 Mbit/s
95th percentile per-packet one-way delay: 8.280 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 67.19 Mbit/s
95th percentile per-packet one-way delay: 8.280 ms
Loss rate: 0.01%
```
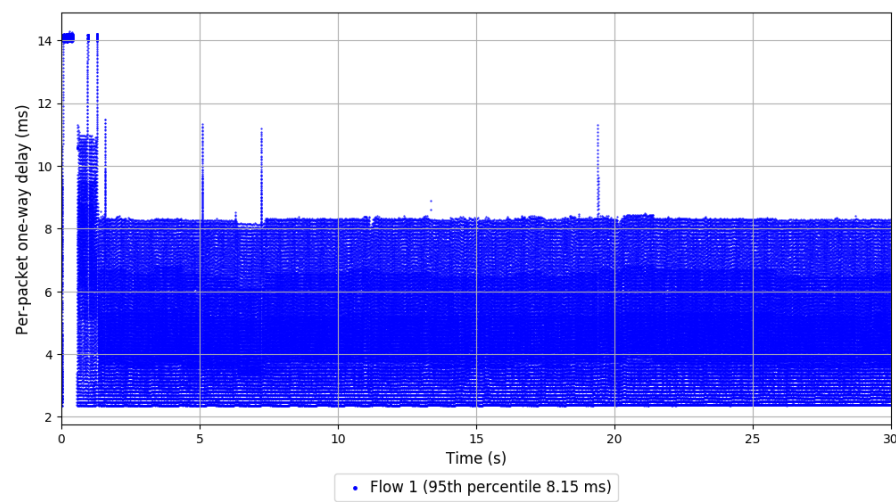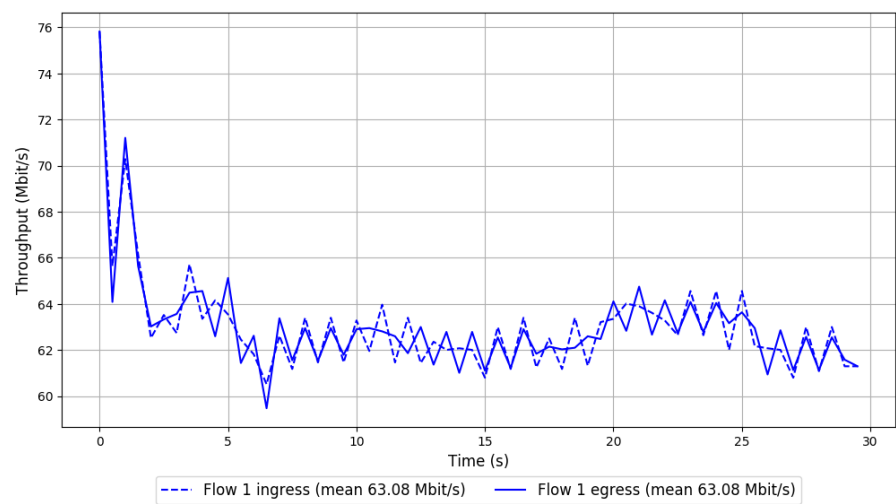
Run 2: Report of Verus — Data Link

```
Run 3: Statistics of Verus

Start at: 2018-01-16 10:47:57
End at: 2018-01-16 10:48:28
Local clock offset: -0.982 ms
Remote clock offset: -0.834 ms


# Below is generated by plot.py at 2018-01-16 17:09:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.99 Mbit/s
95th percentile per-packet one-way delay: 8.722 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 71.99 Mbit/s
95th percentile per-packet one-way delay: 8.722 ms
Loss rate: 0.04%
```
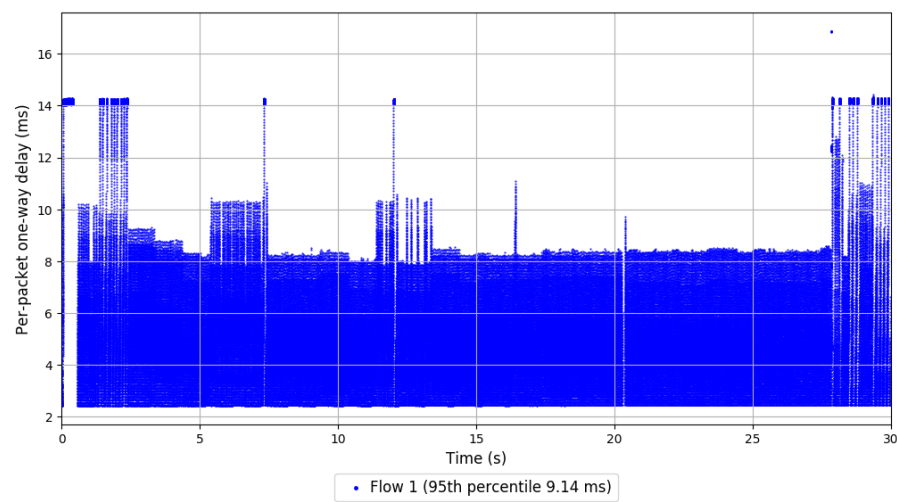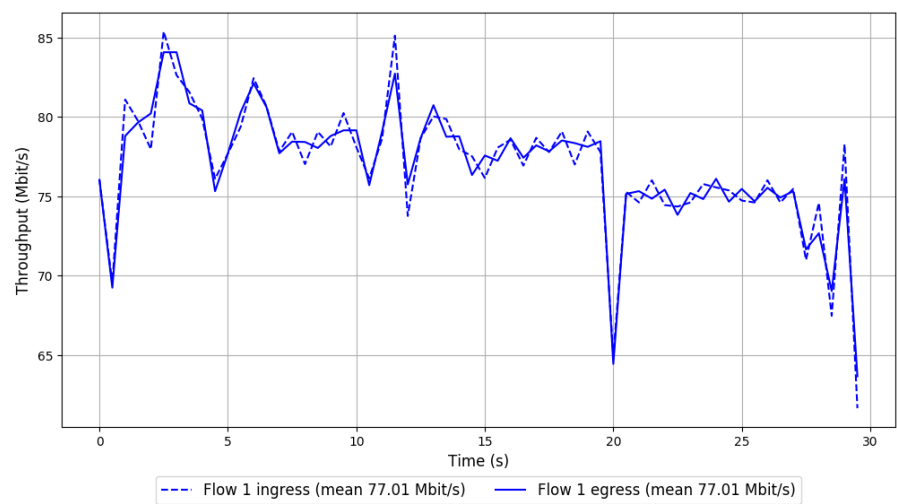
Run 3: Report of Verus — Data Link

```
Run 4: Statistics of Verus

Start at: 2018-01-16 11:08:29
End at: 2018-01-16 11:08:59
Local clock offset: -1.143 ms
Remote clock offset: -0.07 ms


# Below is generated by plot.py at 2018-01-16 17:09:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.08 Mbit/s
95th percentile per-packet one-way delay: 8.152 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 63.08 Mbit/s
95th percentile per-packet one-way delay: 8.152 ms
Loss rate: 0.02%
```
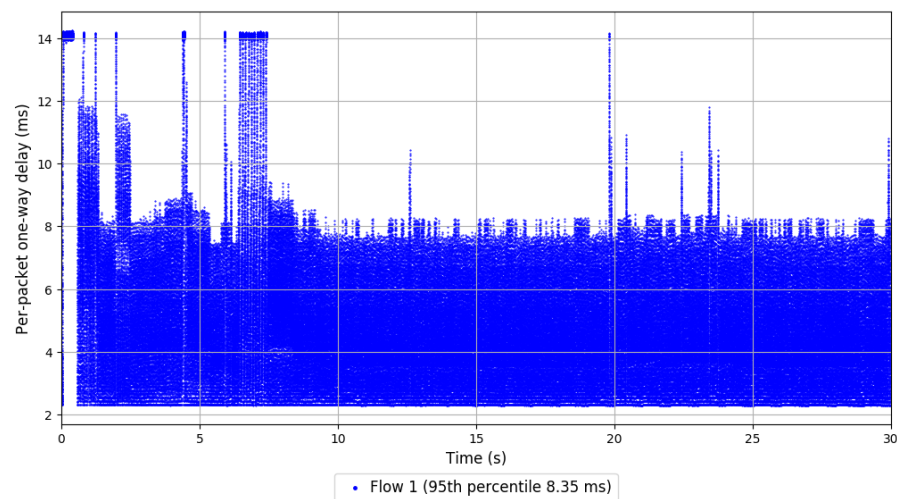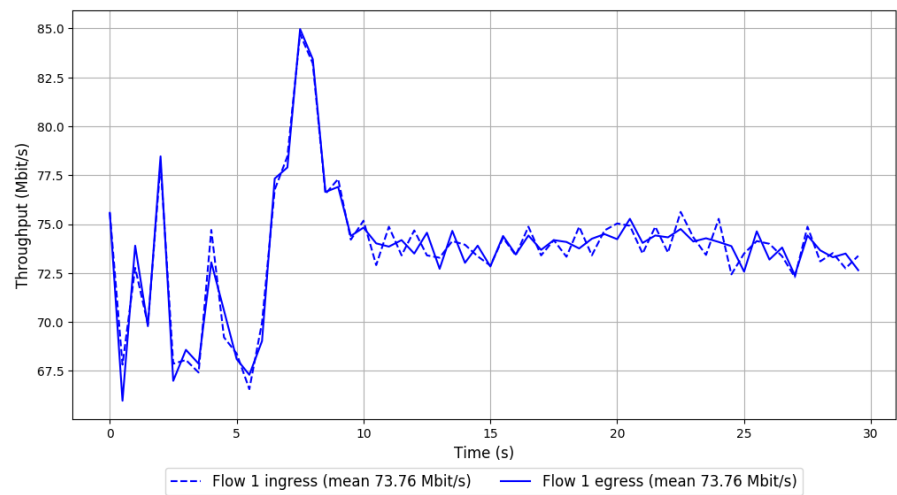
Run 4: Report of Verus — Data Link

Flow 1 ingress (mean 63.08 Mbit/s) ----- Flow 1 egress (mean 63.08 Mbit/s)

Flow 1 (95th percentile 8.15 ms)

```
Run 5: Statistics of Verus

Start at: 2018-01-16 11:29:02
End at: 2018-01-16 11:29:32
Local clock offset: -1.81 ms
Remote clock offset: 0.481 ms


# Below is generated by plot.py at 2018-01-16 17:10:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.01 Mbit/s
95th percentile per-packet one-way delay: 9.145 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 77.01 Mbit/s
95th percentile per-packet one-way delay: 9.145 ms
Loss rate: 0.02%
```
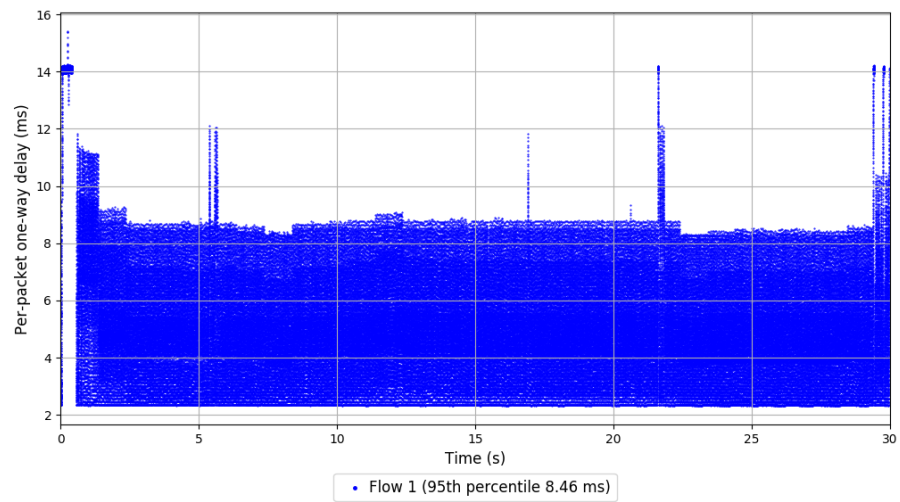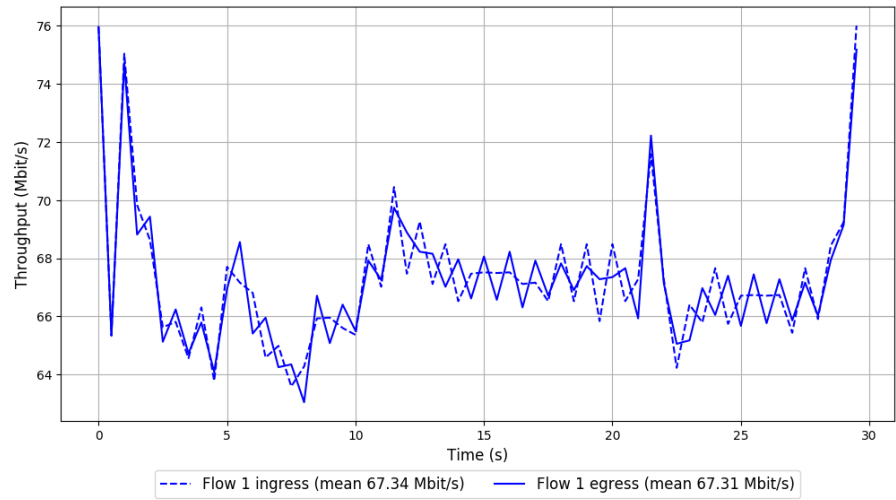
Run 5: Report of Verus — Data Link

```
Run 6: Statistics of Verus

Start at: 2018-01-16 11:49:37
End at: 2018-01-16 11:50:07
Local clock offset: -2.594 ms
Remote clock offset: 0.653 ms


# Below is generated by plot.py at 2018-01-16 17:10:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.76 Mbit/s
95th percentile per-packet one-way delay: 8.349 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 73.76 Mbit/s
95th percentile per-packet one-way delay: 8.349 ms
Loss rate: 0.02%
```
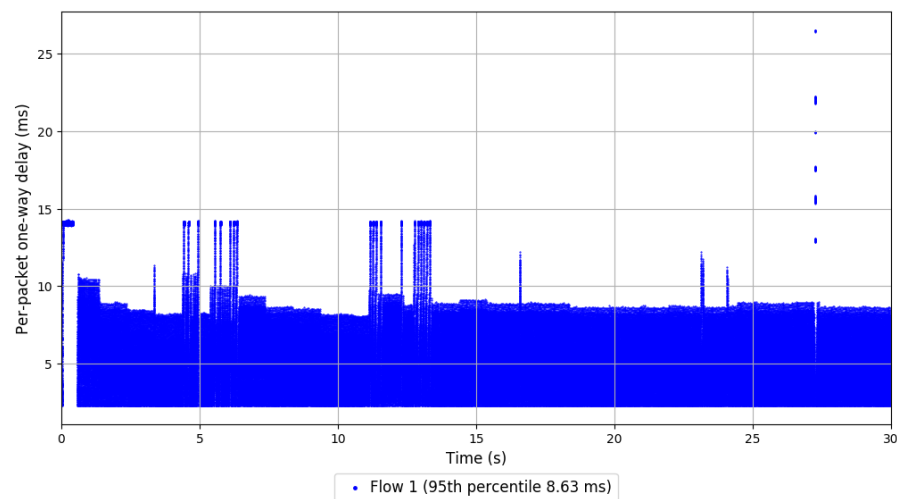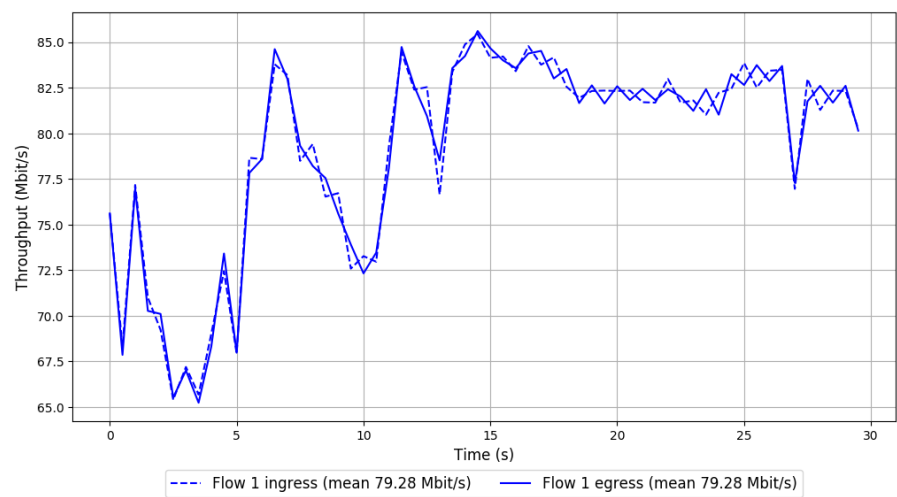
Run 6: Report of Verus — Data Link

```
Run 7: Statistics of Verus

Start at: 2018-01-16 12:10:11
End at: 2018-01-16 12:10:41
Local clock offset: -2.096 ms
Remote clock offset: 0.743 ms


# Below is generated by plot.py at 2018-01-16 17:10:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.31 Mbit/s
95th percentile per-packet one-way delay: 8.459 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 67.31 Mbit/s
95th percentile per-packet one-way delay: 8.459 ms
Loss rate: 0.05%
```
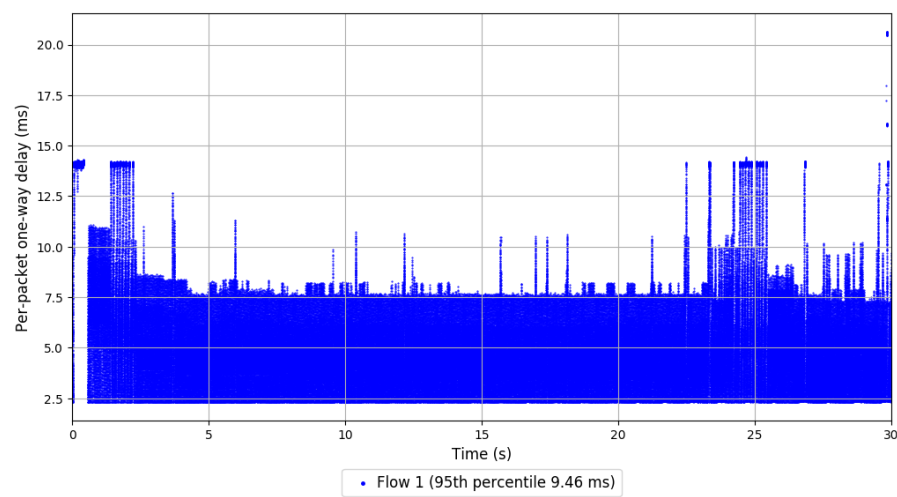
Run 7: Report of Verus — Data Link

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```
Run 8: Statistics of Verus

Start at: 2018-01-16 12:30:44
End at: 2018-01-16 12:31:14
Local clock offset: -1.739 ms
Remote clock offset: 0.721 ms


# Below is generated by plot.py at 2018-01-16 17:10:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.28 Mbit/s
95th percentile per-packet one-way delay: 8.631 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 79.28 Mbit/s
95th percentile per-packet one-way delay: 8.631 ms
Loss rate: 0.02%
```
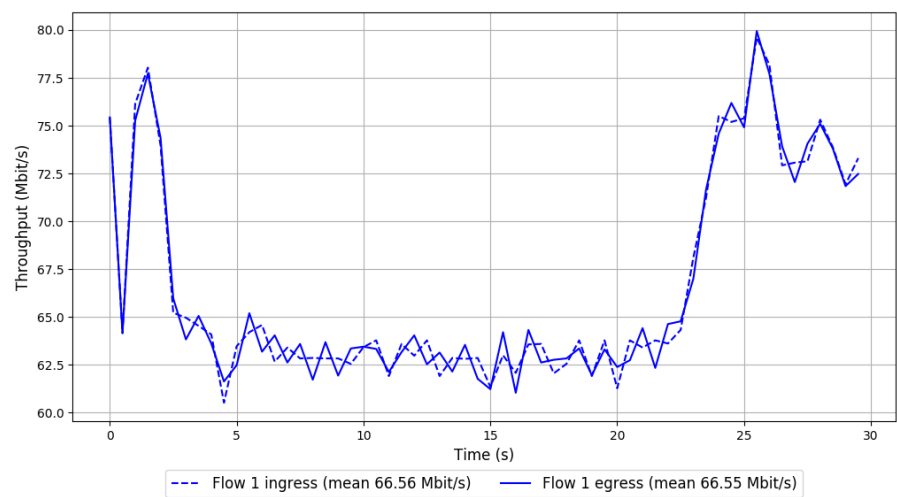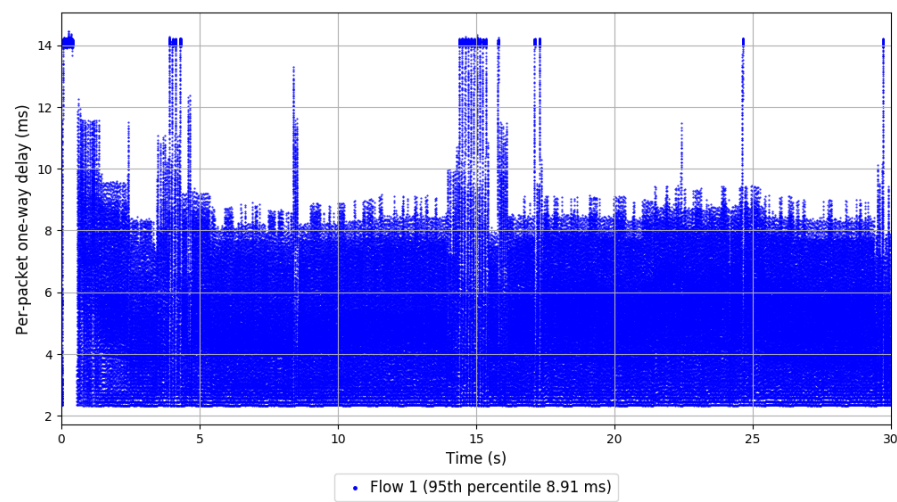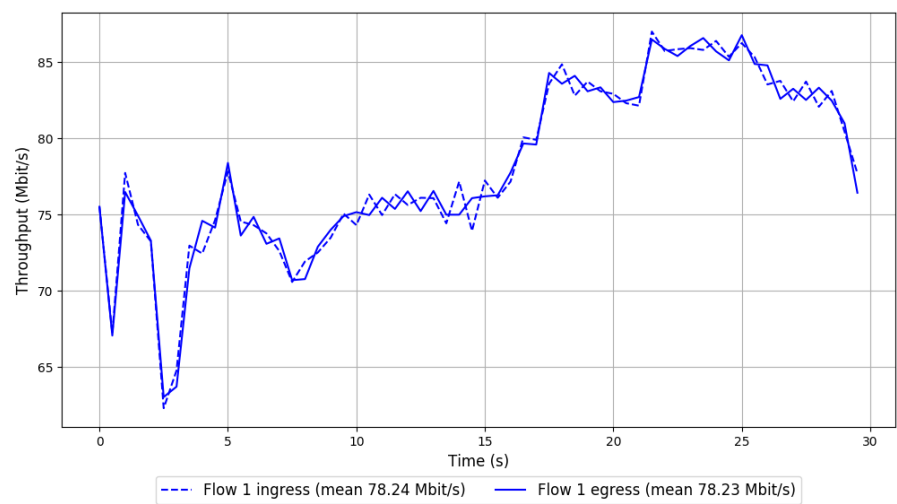
Run 8: Report of Verus — Data Link

```
Run 9: Statistics of Verus

Start at: 2018-01-16 12:51:16
End at: 2018-01-16 12:51:46
Local clock offset: -1.725 ms
Remote clock offset: 0.842 ms


# Below is generated by plot.py at 2018-01-16 17:10:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.55 Mbit/s
95th percentile per-packet one-way delay: 9.462 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 66.55 Mbit/s
95th percentile per-packet one-way delay: 9.462 ms
Loss rate: 0.04%
```
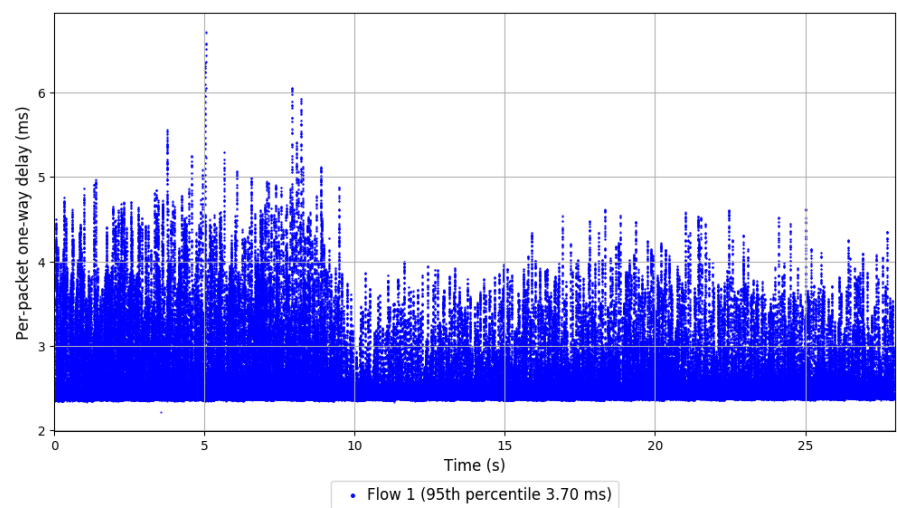
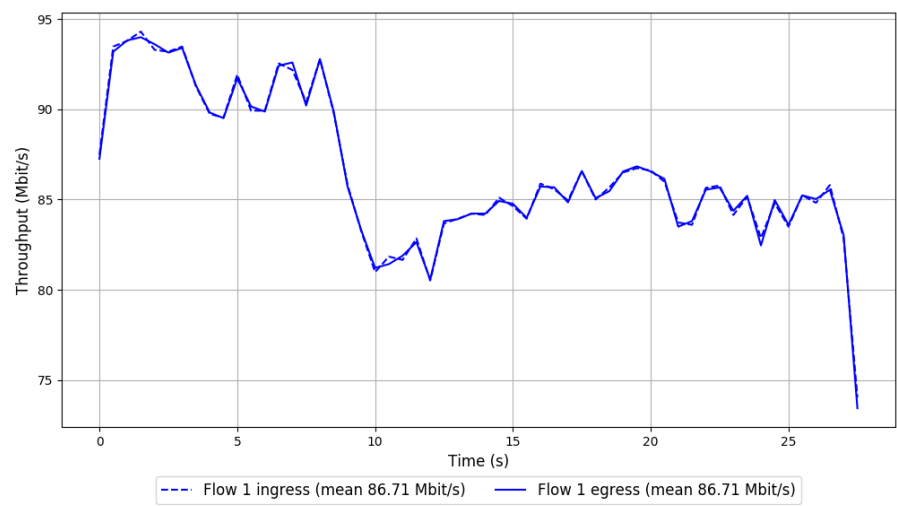## Run 9: Report of Verus — Data Link

```
Run 10: Statistics of Verus

Start at: 2018-01-16 13:11:51
End at: 2018-01-16 13:12:21
Local clock offset: -2.327 ms
Remote clock offset: 0.66 ms


# Below is generated by plot.py at 2018-01-16 17:10:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.23 Mbit/s
95th percentile per-packet one-way delay: 8.915 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 78.23 Mbit/s
95th percentile per-packet one-way delay: 8.915 ms
Loss rate: 0.04%
```

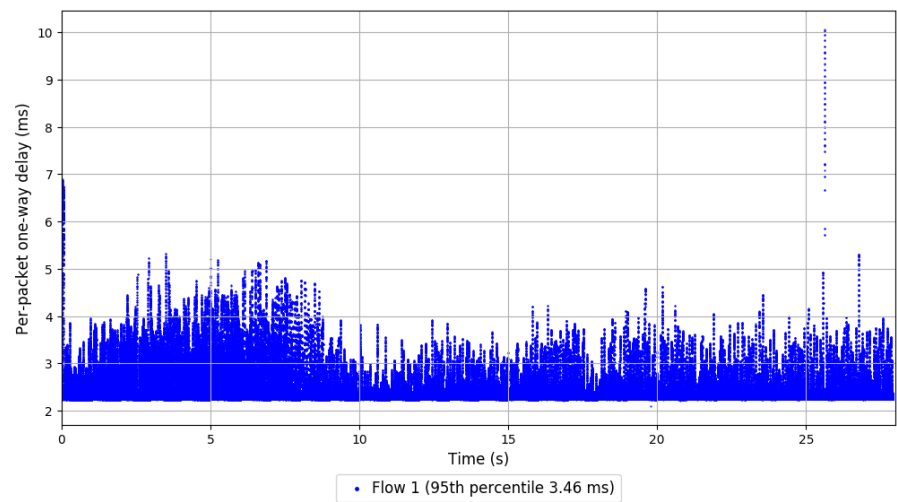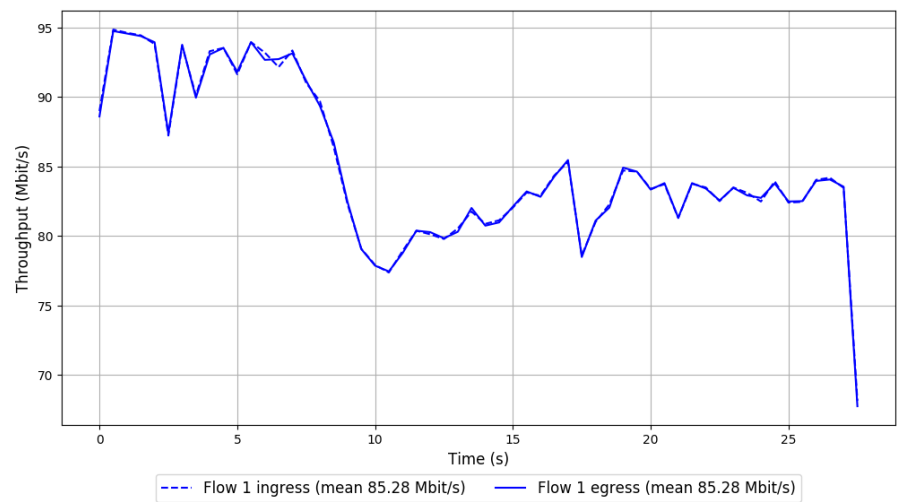Run 10: Report of Verus — Data Link

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```
Run 1: Statistics of Copa

Start at: 2018-01-16 10:17:10
End at: 2018-01-16 10:17:40
Local clock offset: -0.454 ms
Remote clock offset: -1.258 ms


# Below is generated by plot.py at 2018-01-16 17:11:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.71 Mbit/s
95th percentile per-packet one-way delay: 3.702 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 86.71 Mbit/s
95th percentile per-packet one-way delay: 3.702 ms
Loss rate: 0.02%
```
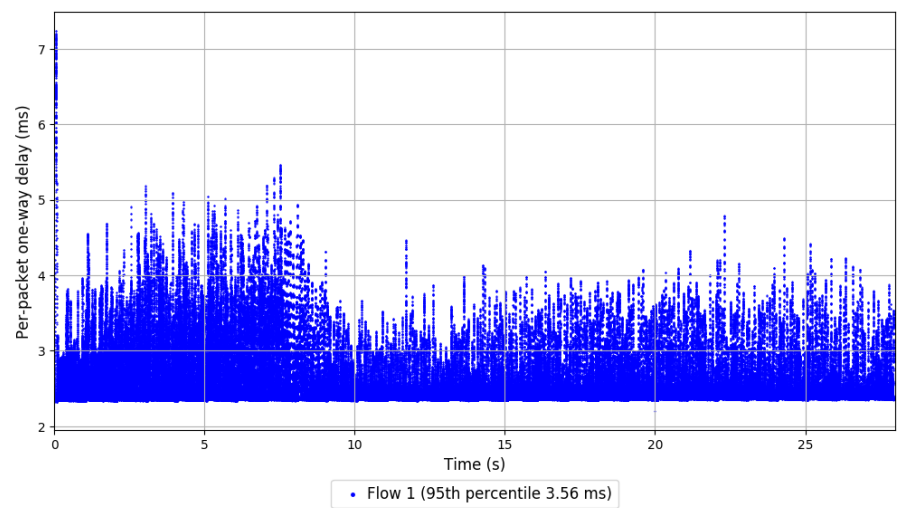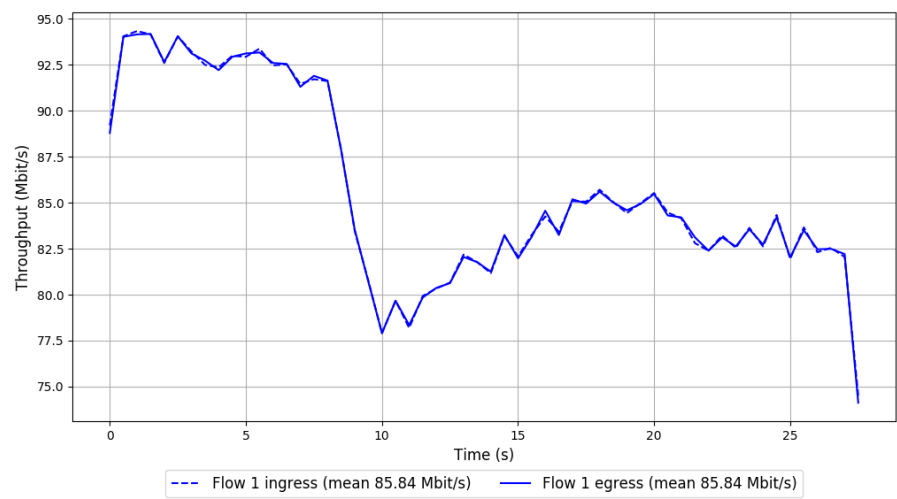
Run 1: Report of Copa — Data Link

```
Run 2: Statistics of Copa

Start at: 2018-01-16 10:37:38
End at: 2018-01-16 10:38:08
Local clock offset: -0.993 ms
Remote clock offset: -1.044 ms


# Below is generated by plot.py at 2018-01-16 17:12:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.28 Mbit/s
95th percentile per-packet one-way delay: 3.461 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 85.28 Mbit/s
95th percentile per-packet one-way delay: 3.461 ms
Loss rate: 0.02%
```

Run 2: Report of Copa — Data Link

```
Run 3: Statistics of Copa

Start at: 2018-01-16 10:58:10
End at: 2018-01-16 10:58:40
Local clock offset: -1.051 ms
Remote clock offset: -0.446 ms


# Below is generated by plot.py at 2018-01-16 17:12:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.84 Mbit/s
95th percentile per-packet one-way delay: 3.563 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 85.84 Mbit/s
95th percentile per-packet one-way delay: 3.563 ms
Loss rate: 0.01%
```
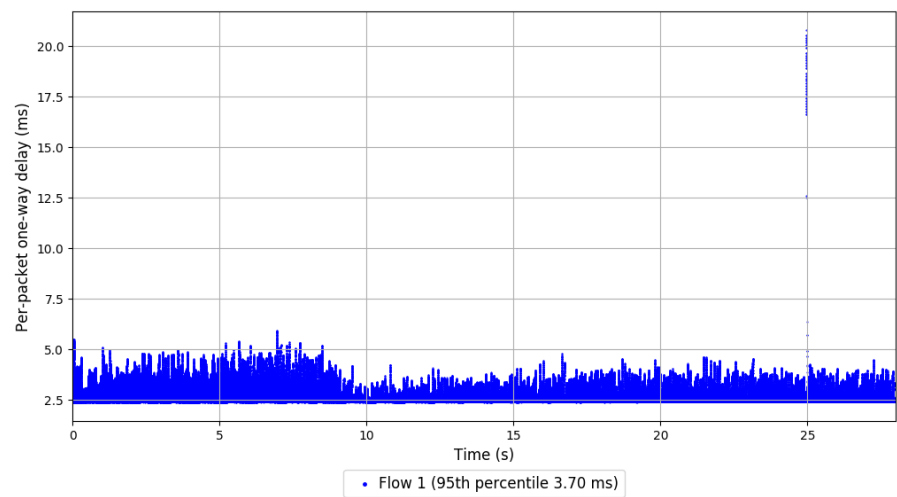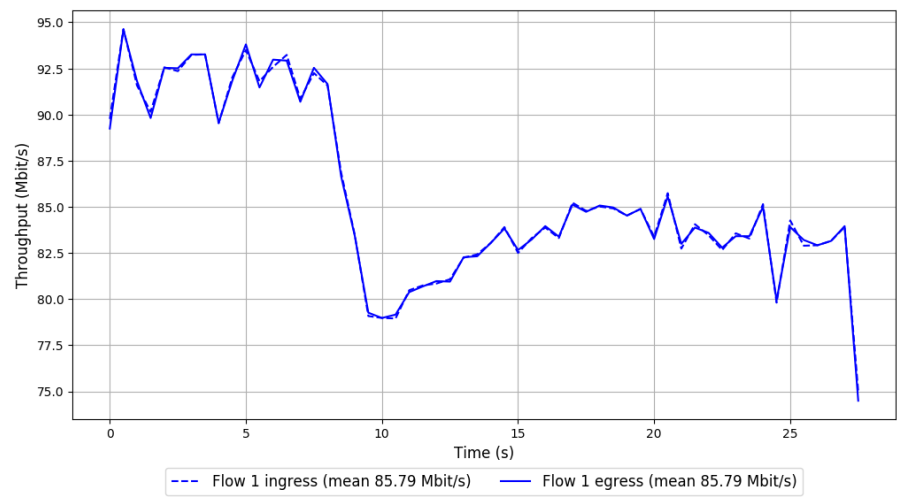
Run 3: Report of Copa — Data Link

```
Run 4: Statistics of Copa

Start at: 2018-01-16 11:18:43
End at: 2018-01-16 11:19:13
Local clock offset: -1.401 ms
Remote clock offset: 0.229 ms


# Below is generated by plot.py at 2018-01-16 17:12:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.79 Mbit/s
95th percentile per-packet one-way delay: 3.698 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 85.79 Mbit/s
95th percentile per-packet one-way delay: 3.698 ms
Loss rate: 0.02%
```
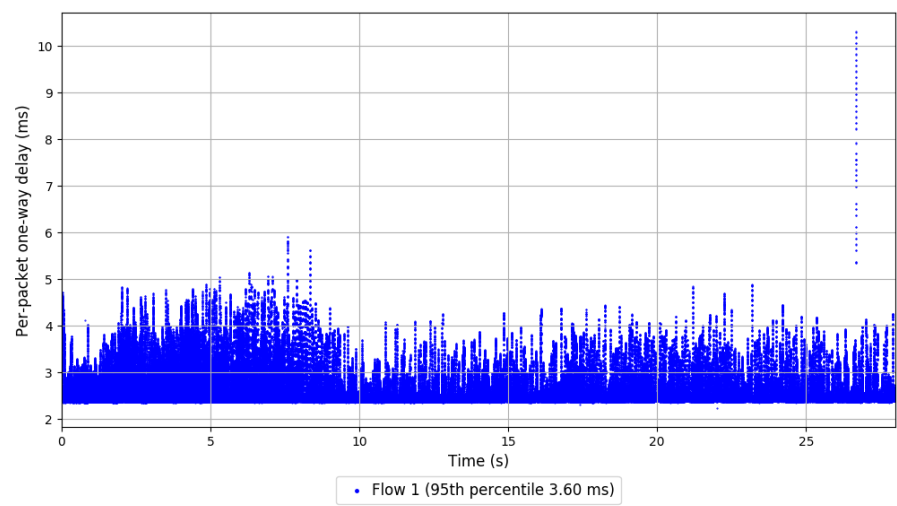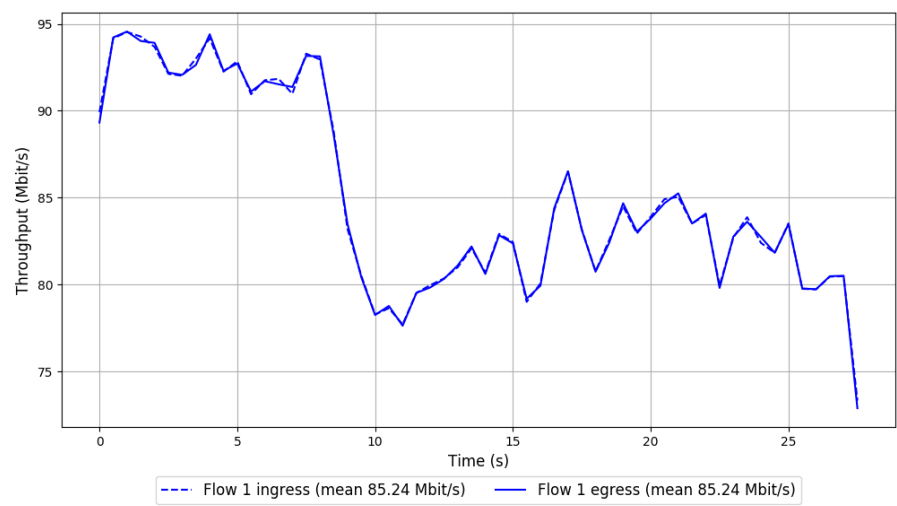
Run 4: Report of Copa — Data Link

```
Run 5: Statistics of Copa

Start at: 2018-01-16 11:39:18
End at: 2018-01-16 11:39:48
Local clock offset: -2.209 ms
Remote clock offset: 0.644 ms


# Below is generated by plot.py at 2018-01-16 17:12:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.24 Mbit/s
95th percentile per-packet one-way delay: 3.603 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 85.24 Mbit/s
95th percentile per-packet one-way delay: 3.603 ms
Loss rate: 0.02%
```
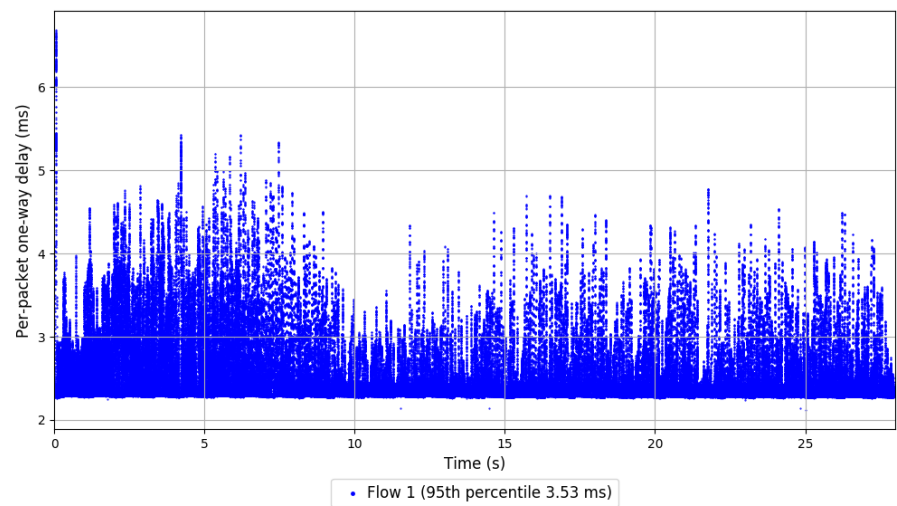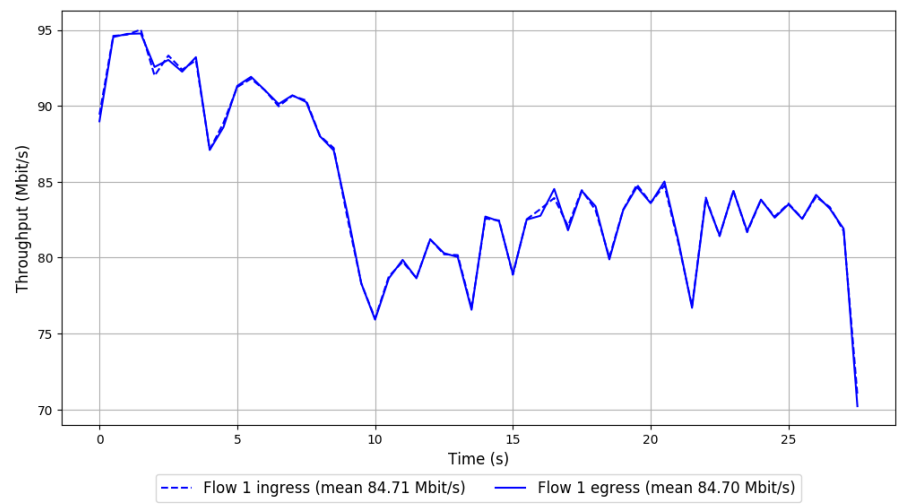
Run 5: Report of Copa — Data Link

Flow 1 ingress (mean 85.24 Mbit/s)   Flow 1 egress (mean 85.24 Mbit/s)

Flow 1 (95th percentile 3.60 ms)

```
Run 6: Statistics of Copa

Start at: 2018-01-16 11:59:51
End at: 2018-01-16 12:00:21
Local clock offset: -2.344 ms
Remote clock offset: 0.739 ms


# Below is generated by plot.py at 2018-01-16 17:12:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.70 Mbit/s
95th percentile per-packet one-way delay: 3.526 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 84.70 Mbit/s
95th percentile per-packet one-way delay: 3.526 ms
Loss rate: 0.02%
```
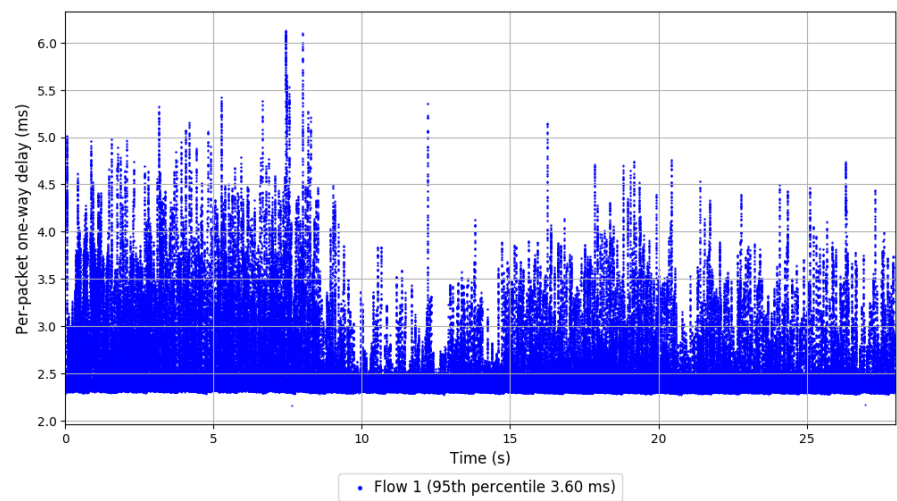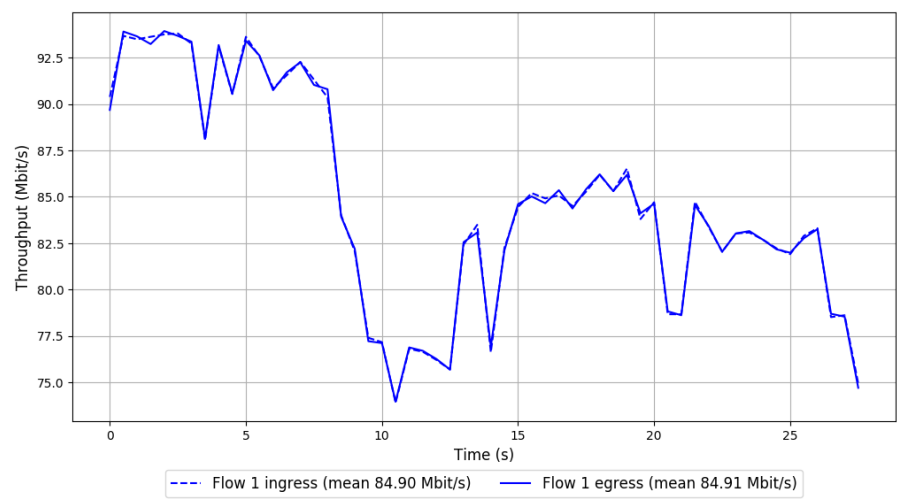
Run 6: Report of Copa — Data Link

Flow 1 ingress (mean 84.71 Mbit/s) — — — Flow 1 egress (mean 84.70 Mbit/s)

• Flow 1 (95th percentile 3.53 ms)

```
Run 7: Statistics of Copa

Start at: 2018-01-16 12:20:25
End at: 2018-01-16 12:20:55
Local clock offset: -1.872 ms
Remote clock offset: 0.784 ms


# Below is generated by plot.py at 2018-01-16 17:12:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.91 Mbit/s
95th percentile per-packet one-way delay: 3.598 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 84.91 Mbit/s
95th percentile per-packet one-way delay: 3.598 ms
Loss rate: 0.01%
```

Run 7: Report of Copa — Data Link

```
Run 8: Statistics of Copa

Start at: 2018-01-16 12:40:59
End at: 2018-01-16 12:41:29
Local clock offset: -1.512 ms
Remote clock offset: 0.803 ms


# Below is generated by plot.py at 2018-01-16 17:12:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.77 Mbit/s
95th percentile per-packet one-way delay: 3.699 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 83.77 Mbit/s
95th percentile per-packet one-way delay: 3.699 ms
Loss rate: 0.02%
```
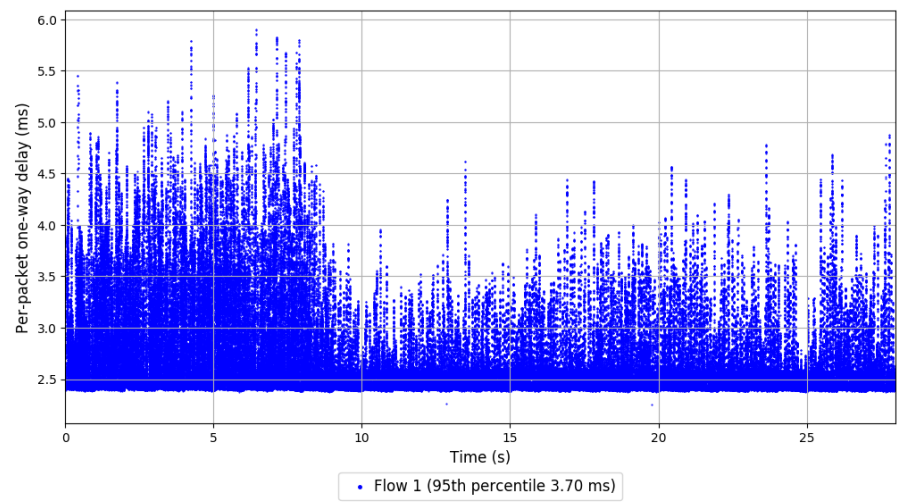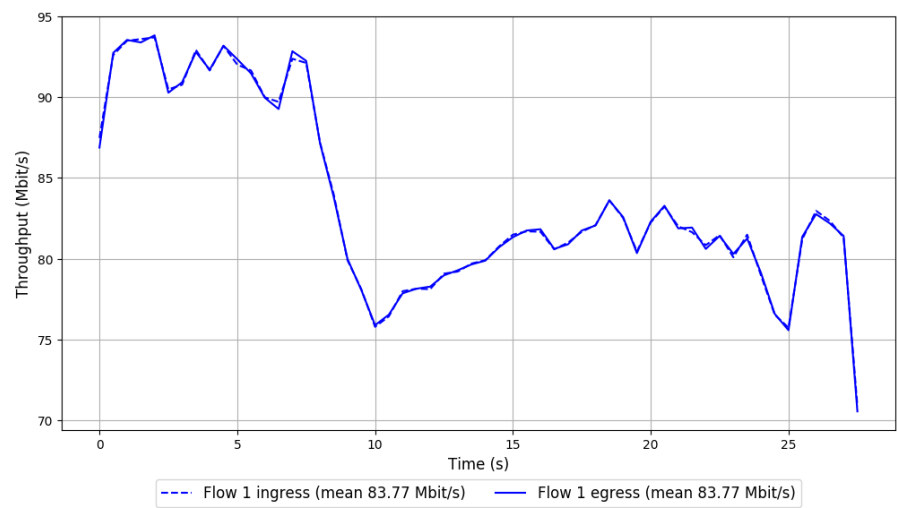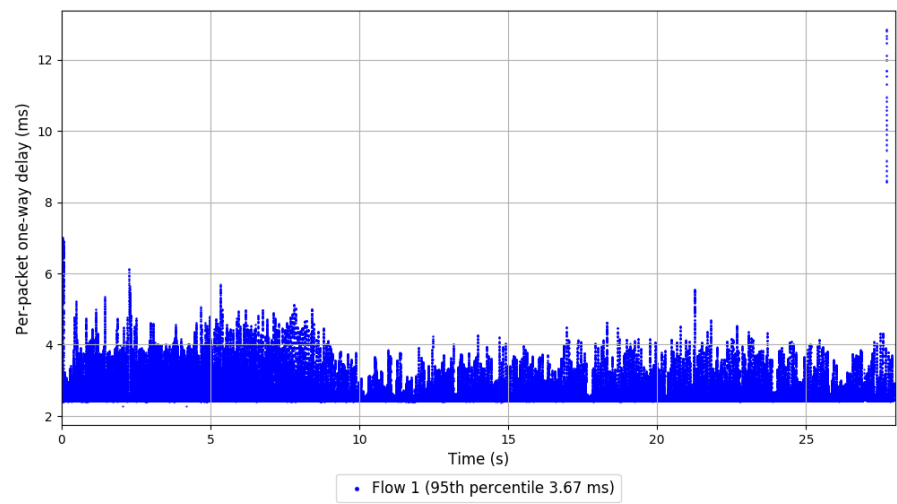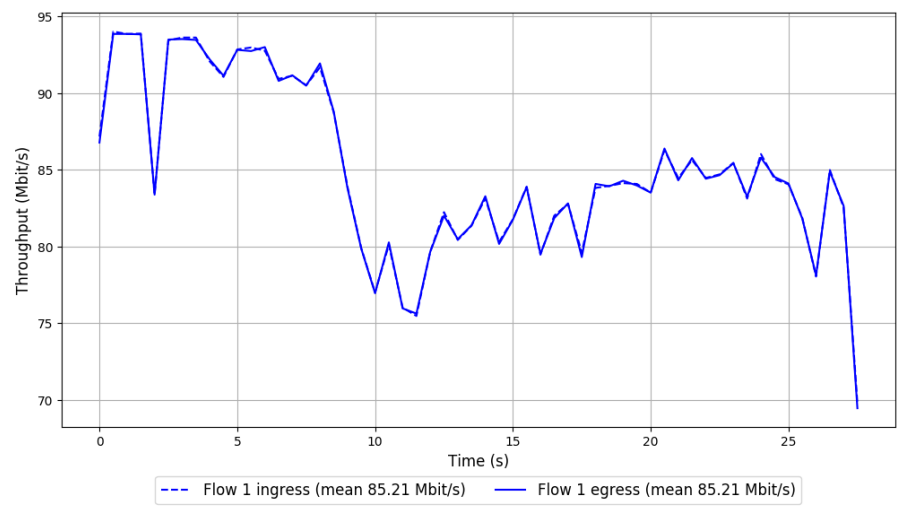
Run 8: Report of Copa — Data Link

Flow 1 ingress (mean 83.77 Mbit/s) — — — Flow 1 egress (mean 83.77 Mbit/s)

· Flow 1 (95th percentile 3.70 ms)

```
Run 9: Statistics of Copa

Start at: 2018-01-16 13:01:31
End at: 2018-01-16 13:02:01
Local clock offset: -1.961 ms
Remote clock offset: 0.761 ms


# Below is generated by plot.py at 2018-01-16 17:14:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.21 Mbit/s
95th percentile per-packet one-way delay: 3.673 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 85.21 Mbit/s
95th percentile per-packet one-way delay: 3.673 ms
Loss rate: 0.02%
```

Run 9: Report of Copa — Data Link

```
Run 10: Statistics of Copa

Start at: 2018-01-16 13:22:06
End at: 2018-01-16 13:22:36
Local clock offset: -2.647 ms
Remote clock offset: 0.414 ms


# Below is generated by plot.py at 2018-01-16 17:14:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.54 Mbit/s
95th percentile per-packet one-way delay: 3.660 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 84.54 Mbit/s
95th percentile per-packet one-way delay: 3.660 ms
Loss rate: 0.02%
```
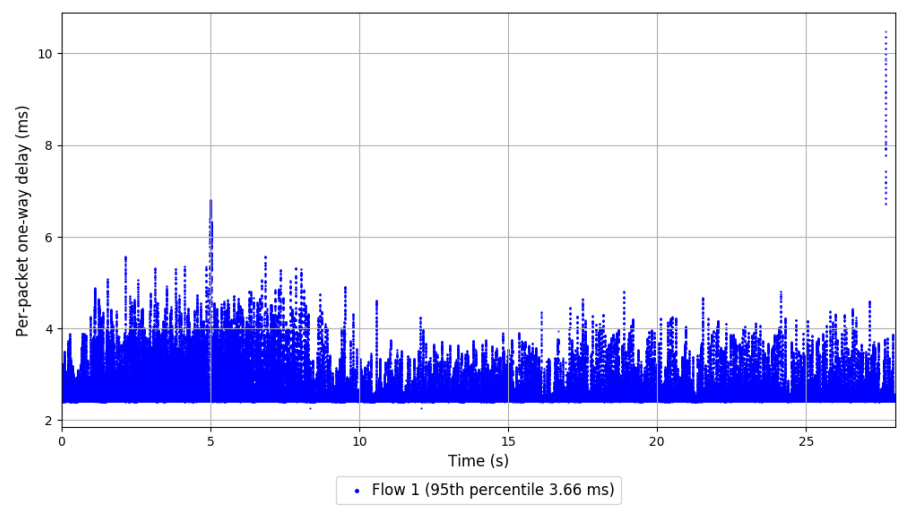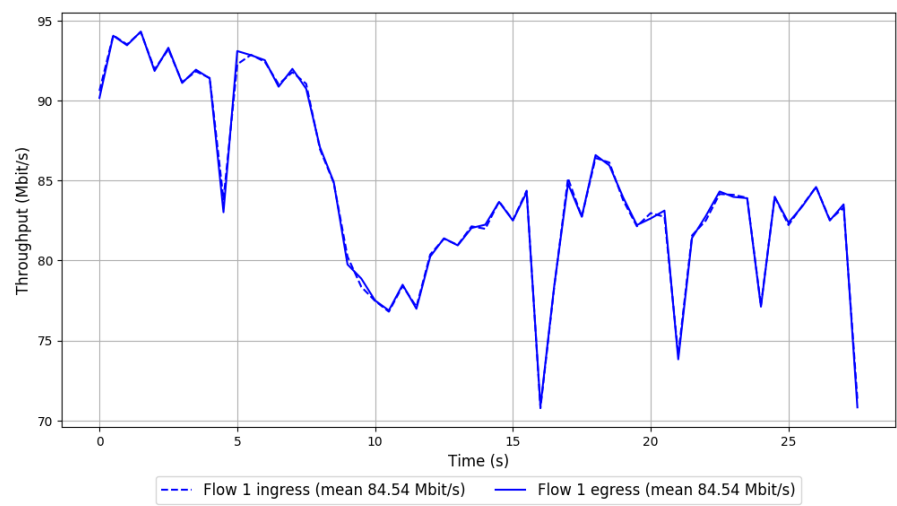
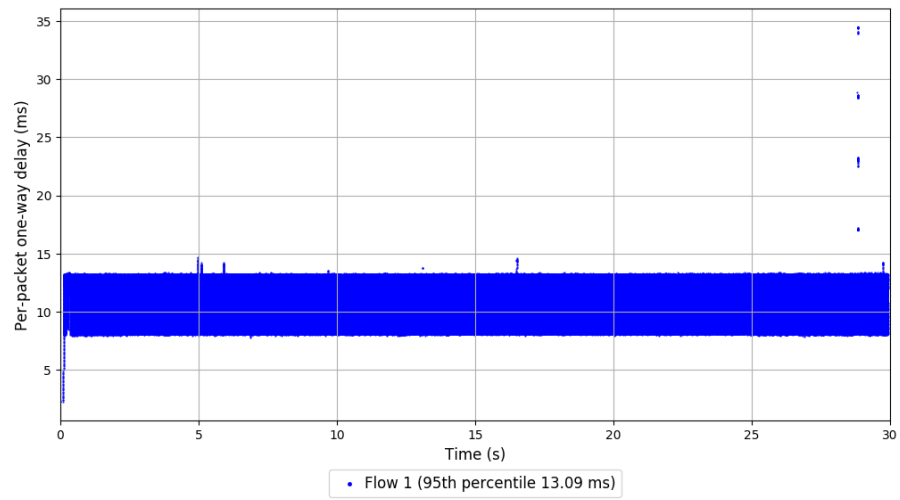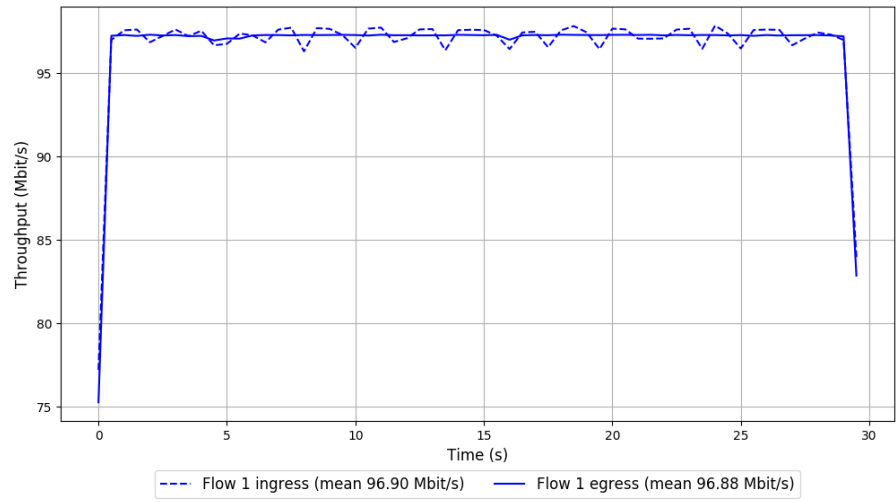Run 10: Report of Copa — Data Link

```
Run 1: Statistics of FillP

Start at: 2018-01-16 10:20:33
End at: 2018-01-16 10:21:03
Local clock offset: -0.622 ms
Remote clock offset: -1.271 ms


# Below is generated by plot.py at 2018-01-16 17:14:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.88 Mbit/s
95th percentile per-packet one-way delay: 13.086 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 96.88 Mbit/s
95th percentile per-packet one-way delay: 13.086 ms
Loss rate: 0.05%
```

Run 1: Report of FillP — Data Link

Flow 1 ingress (mean 96.90 Mbit/s) ----   Flow 1 egress (mean 96.88 Mbit/s) ——
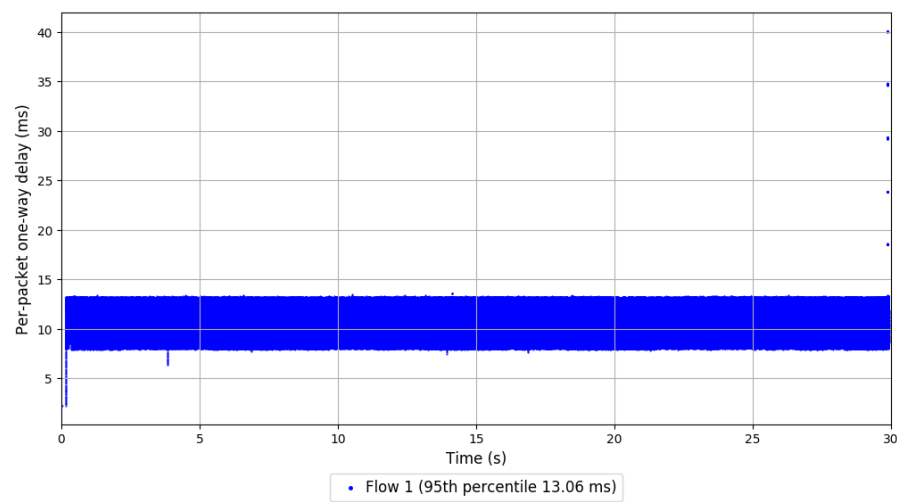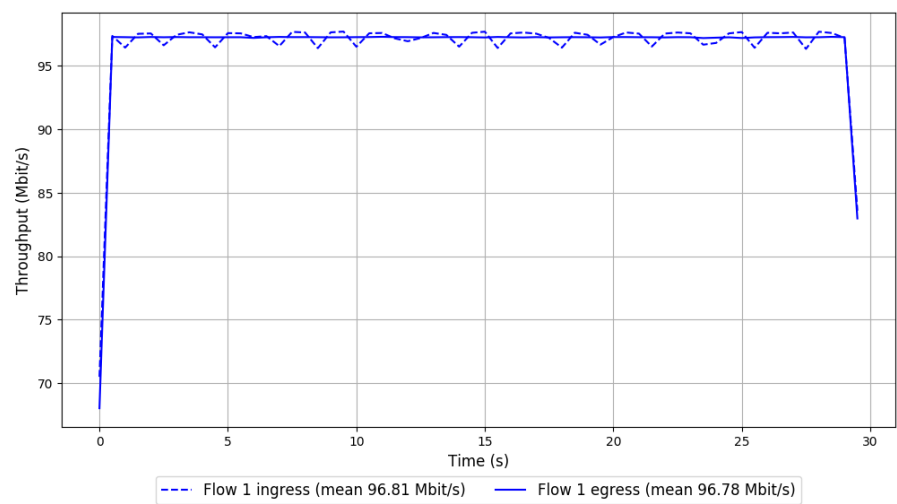

Flow 1 (95th percentile 13.09 ms)

```
Run 2: Statistics of FillP

Start at: 2018-01-16 10:41:01
End at: 2018-01-16 10:41:31
Local clock offset: -0.962 ms
Remote clock offset: -1.004 ms


# Below is generated by plot.py at 2018-01-16 17:14:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 13.057 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 13.057 ms
Loss rate: 0.05%
```
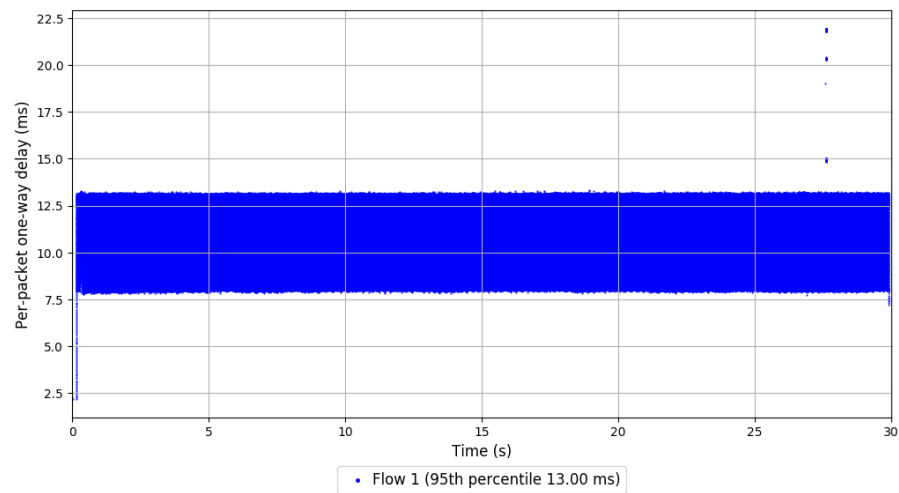
Run 2: Report of FillP — Data Link

Flow 1 ingress (mean 96.81 Mbit/s) — Flow 1 egress (mean 96.78 Mbit/s)

Flow 1 (95th percentile 13.06 ms)

```
Run 3: Statistics of FillP

Start at: 2018-01-16 11:01:33
End at: 2018-01-16 11:02:03
Local clock offset: -1.153 ms
Remote clock offset: -0.31 ms


# Below is generated by plot.py at 2018-01-16 17:14:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.80 Mbit/s
95th percentile per-packet one-way delay: 13.000 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 96.80 Mbit/s
95th percentile per-packet one-way delay: 13.000 ms
Loss rate: 0.05%
```
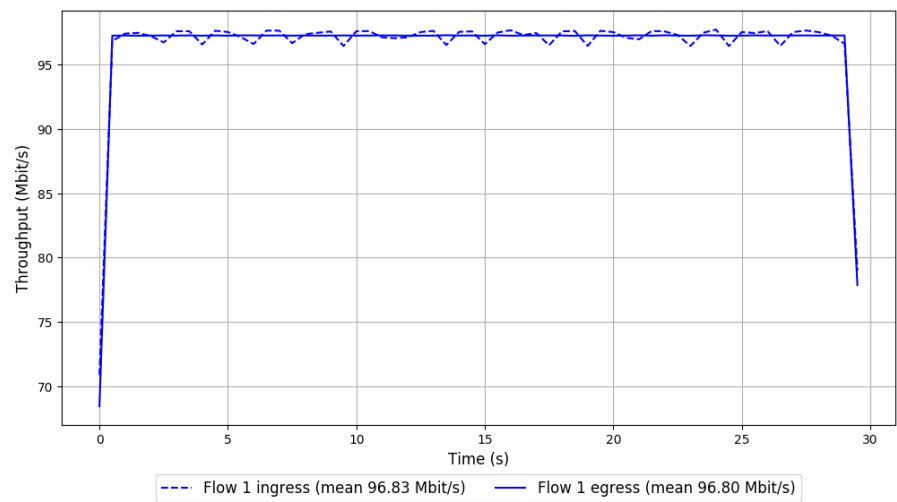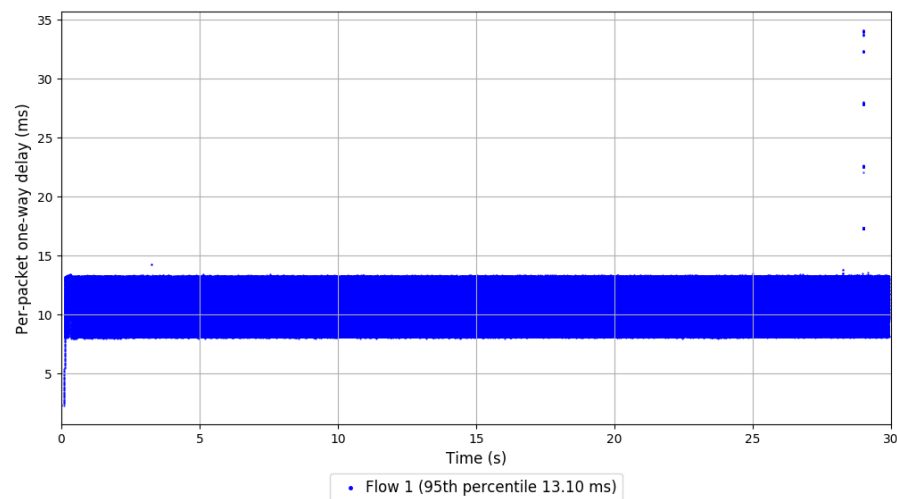
Run 3: Report of FillP — Data Link

```
Run 4: Statistics of FillP

Start at: 2018-01-16 11:22:06
End at: 2018-01-16 11:22:36
Local clock offset: -1.592 ms
Remote clock offset: 0.333 ms


# Below is generated by plot.py at 2018-01-16 17:14:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.92 Mbit/s
95th percentile per-packet one-way delay: 13.097 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 96.92 Mbit/s
95th percentile per-packet one-way delay: 13.097 ms
Loss rate: 0.05%
```
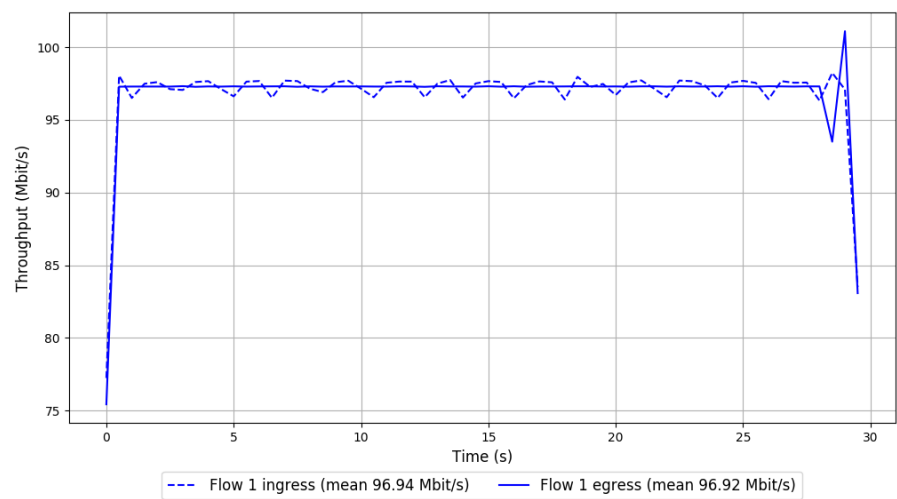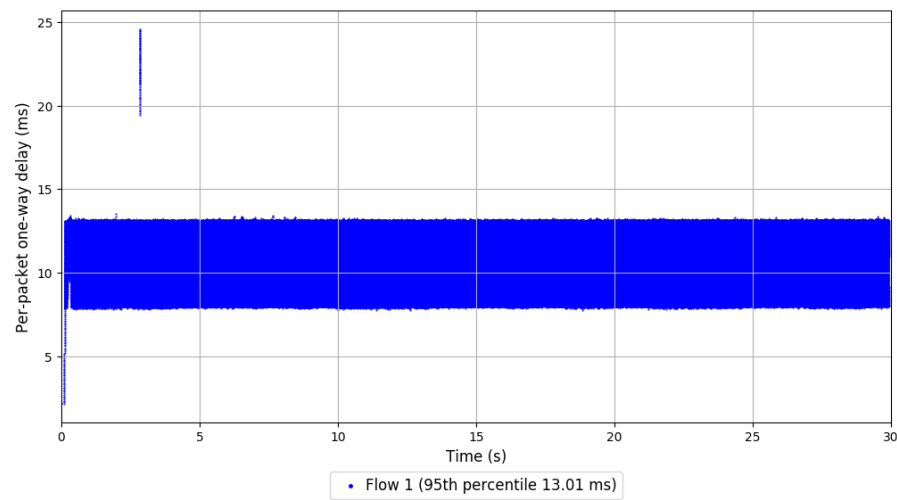
Run 4: Report of FillP — Data Link

```
Run 5: Statistics of FillP

Start at: 2018-01-16 11:42:40
End at: 2018-01-16 11:43:10
Local clock offset: -2.425 ms
Remote clock offset: 0.632 ms


# Below is generated by plot.py at 2018-01-16 17:14:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.87 Mbit/s
95th percentile per-packet one-way delay: 13.005 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.87 Mbit/s
95th percentile per-packet one-way delay: 13.005 ms
Loss rate: 0.04%
```
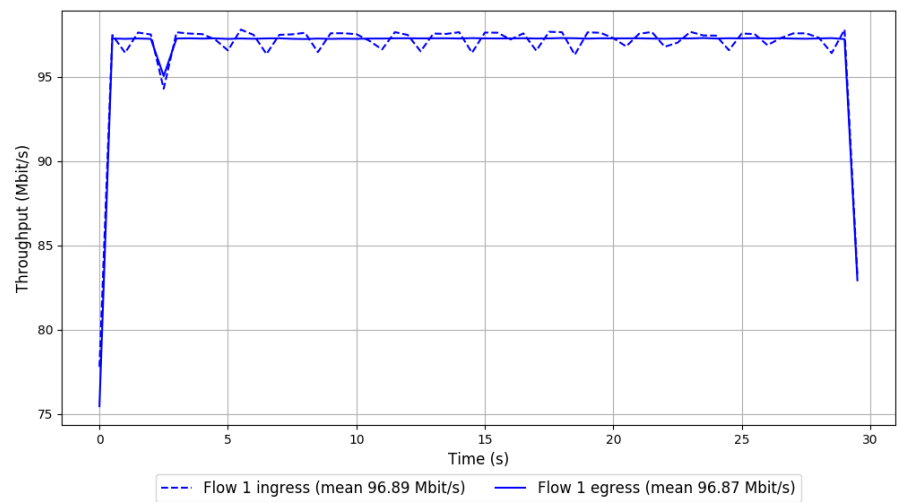
Run 5: Report of FillP — Data Link

```
Run 6: Statistics of FillP

Start at: 2018-01-16 12:03:14
End at: 2018-01-16 12:03:44
Local clock offset: -2.246 ms
Remote clock offset: 0.741 ms


# Below is generated by plot.py at 2018-01-16 17:14:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.89 Mbit/s
95th percentile per-packet one-way delay: 13.050 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 96.89 Mbit/s
95th percentile per-packet one-way delay: 13.050 ms
Loss rate: 0.05%
```
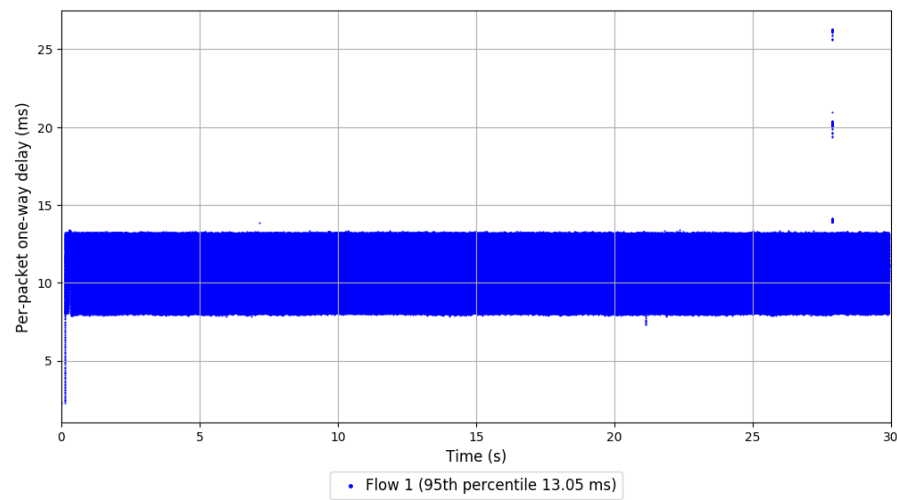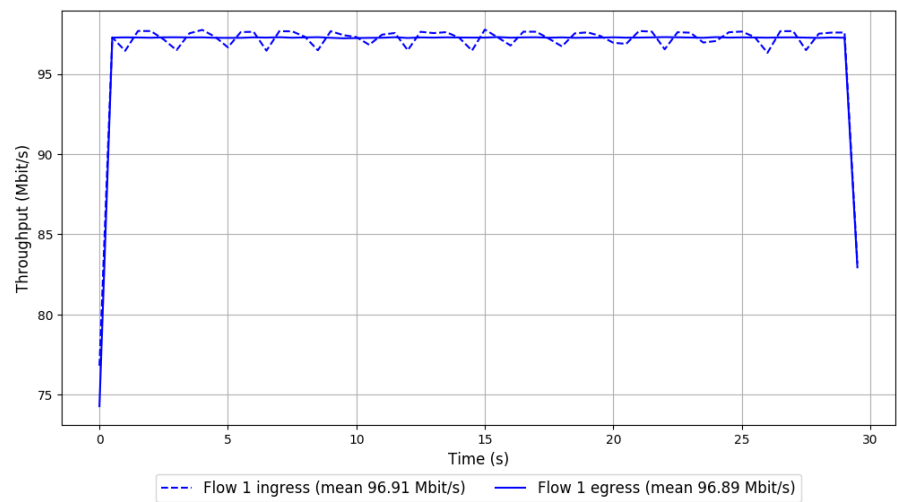
Run 6: Report of FillP — Data Link

```
Run 7: Statistics of FillP

Start at: 2018-01-16 12:23:48
End at: 2018-01-16 12:24:18
Local clock offset: -1.801 ms
Remote clock offset: 0.718 ms


# Below is generated by plot.py at 2018-01-16 17:15:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.86 Mbit/s
95th percentile per-packet one-way delay: 13.100 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.86 Mbit/s
95th percentile per-packet one-way delay: 13.100 ms
Loss rate: 0.04%
```
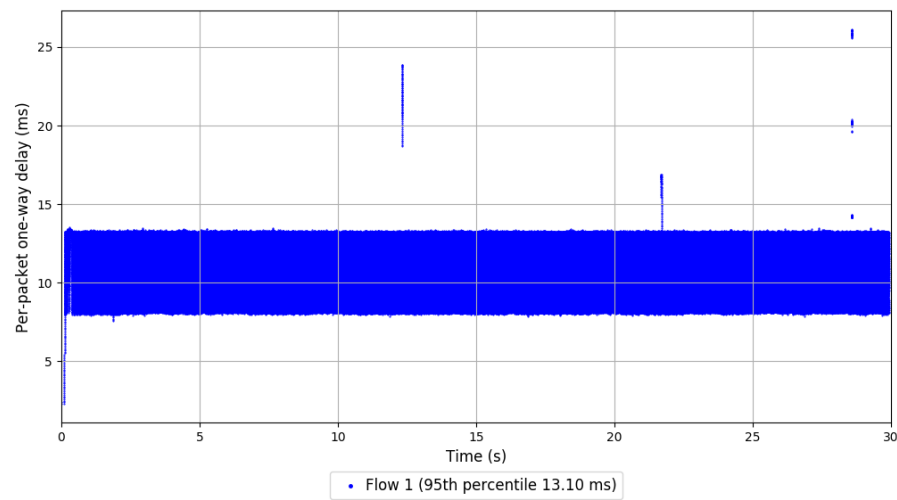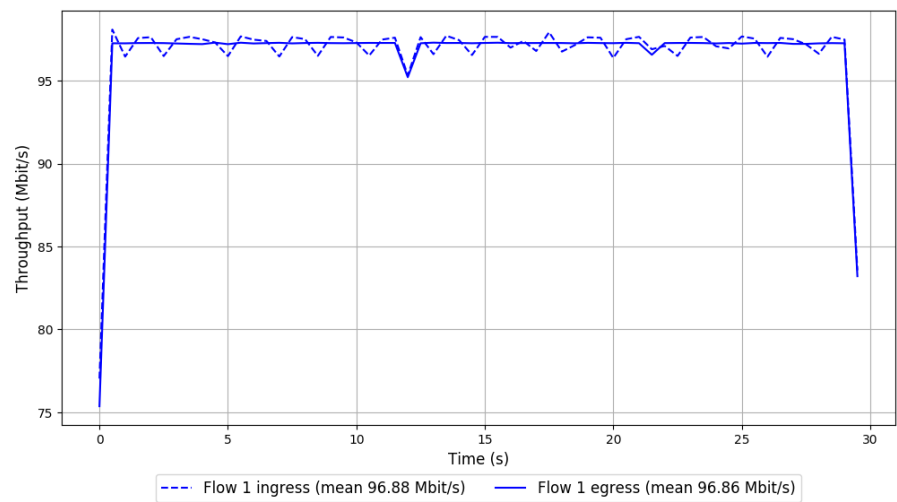
Run 7: Report of FillP — Data Link

```
Run 8: Statistics of FillP

Start at: 2018-01-16 12:44:21
End at: 2018-01-16 12:44:51
Local clock offset: -1.548 ms
Remote clock offset: 0.804 ms


# Below is generated by plot.py at 2018-01-16 17:15:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.89 Mbit/s
95th percentile per-packet one-way delay: 13.131 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.89 Mbit/s
95th percentile per-packet one-way delay: 13.131 ms
Loss rate: 0.04%
```
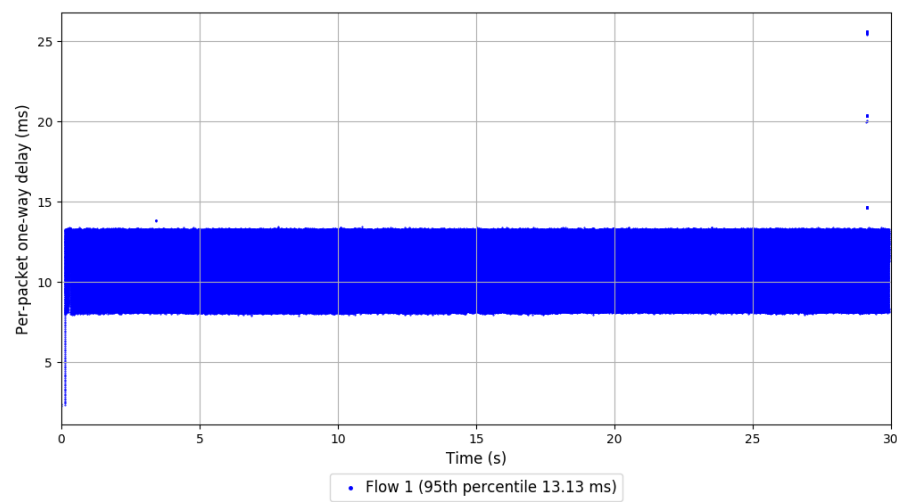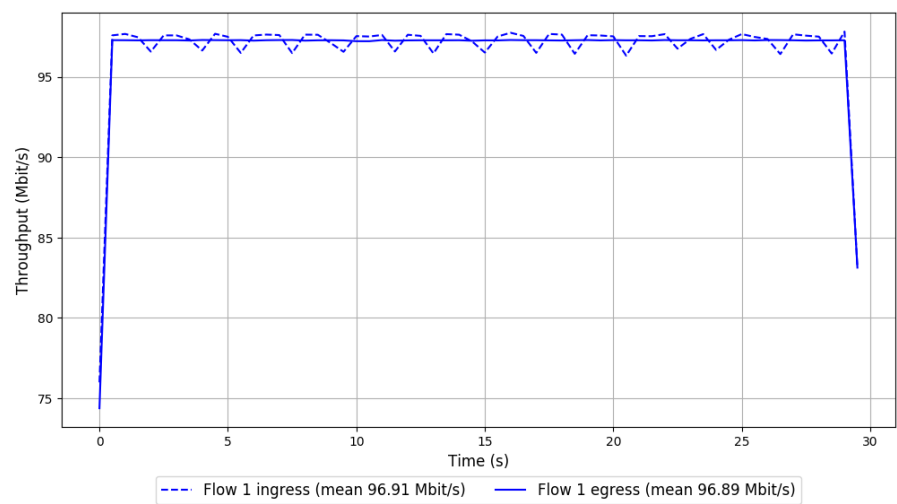
Run 8: Report of FillP — Data Link

```
Run 9: Statistics of FillP

Start at: 2018-01-16 13:04:54
End at: 2018-01-16 13:05:24
Local clock offset: -2.088 ms
Remote clock offset: 0.771 ms


# Below is generated by plot.py at 2018-01-16 17:15:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 13.086 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 13.086 ms
Loss rate: 0.05%
```
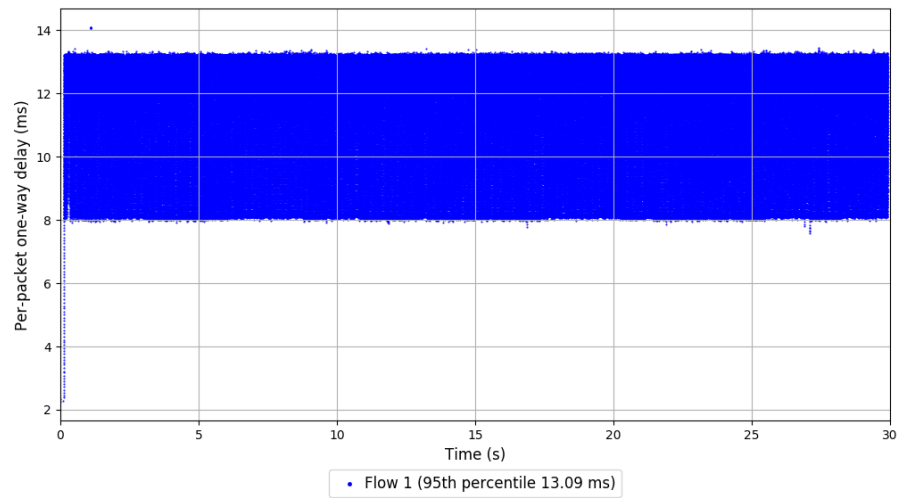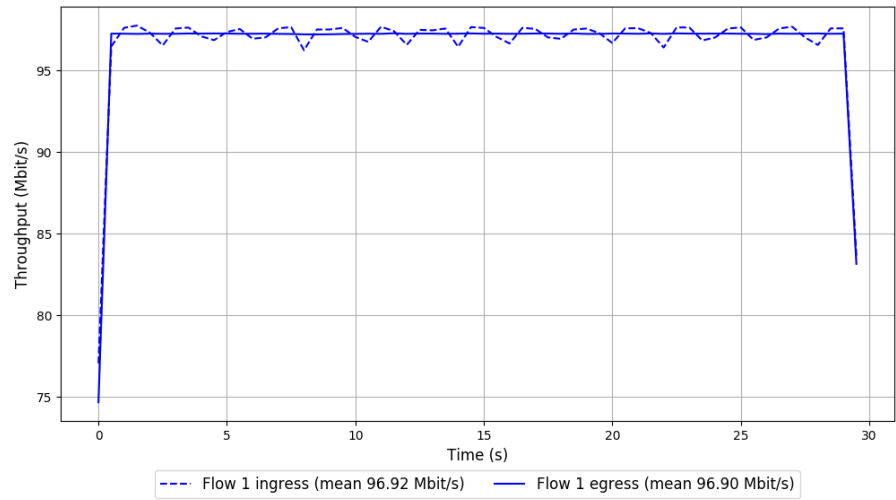
Run 9: Report of FillP — Data Link

Flow 1 ingress (mean 96.92 Mbit/s)   Flow 1 egress (mean 96.90 Mbit/s)

• Flow 1 (95th percentile 13.09 ms)

```
Run 10: Statistics of FillP

Start at: 2018-01-16 13:25:28
End at: 2018-01-16 13:25:58
Local clock offset: -2.726 ms
Remote clock offset: 0.385 ms


# Below is generated by plot.py at 2018-01-16 17:16:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.92 Mbit/s
95th percentile per-packet one-way delay: 13.119 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.92 Mbit/s
95th percentile per-packet one-way delay: 13.119 ms
Loss rate: 0.04%
```
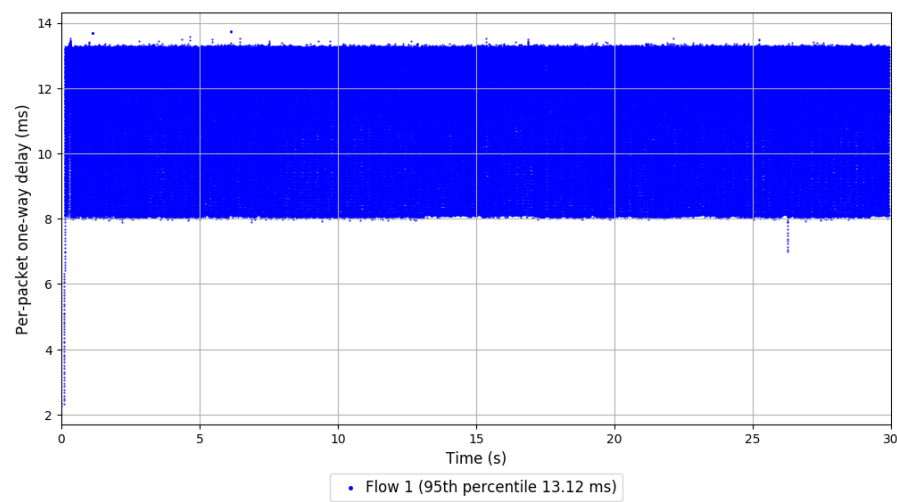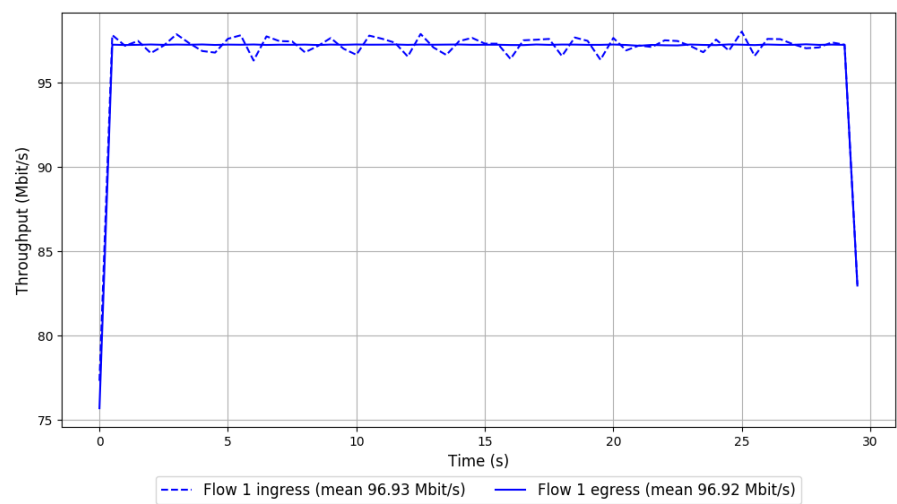
Run 10: Report of FillP — Data Link

Flow 1 ingress (mean 96.93 Mbit/s) --- Flow 1 egress (mean 96.92 Mbit/s)

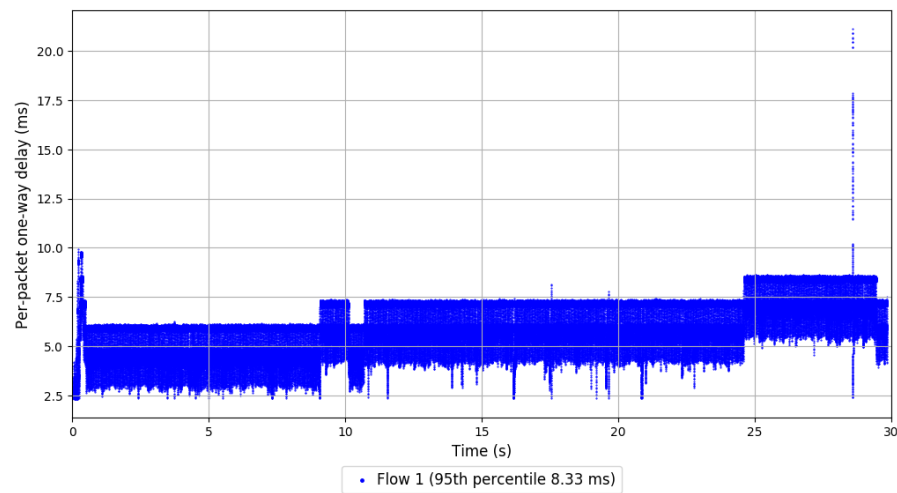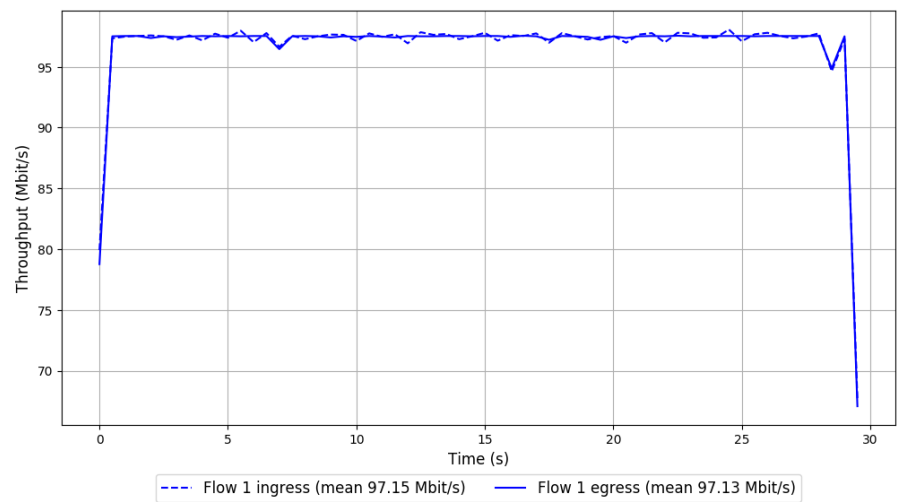Flow 1 (95th percentile 13.12 ms)

```
Run 1: Statistics of Indigo

Start at: 2018-01-16 10:14:55
End at: 2018-01-16 10:15:25
Local clock offset: -0.352 ms
Remote clock offset: -1.251 ms


# Below is generated by plot.py at 2018-01-16 17:16:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 8.330 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 8.330 ms
Loss rate: 0.03%
```

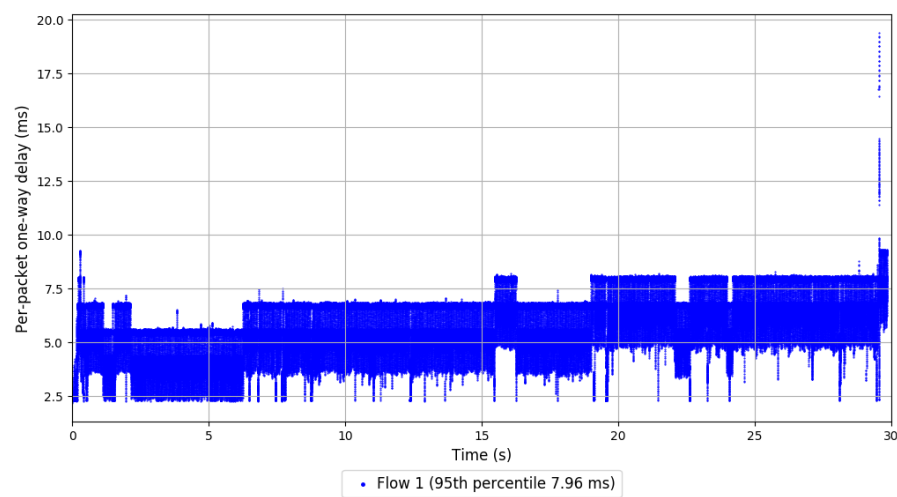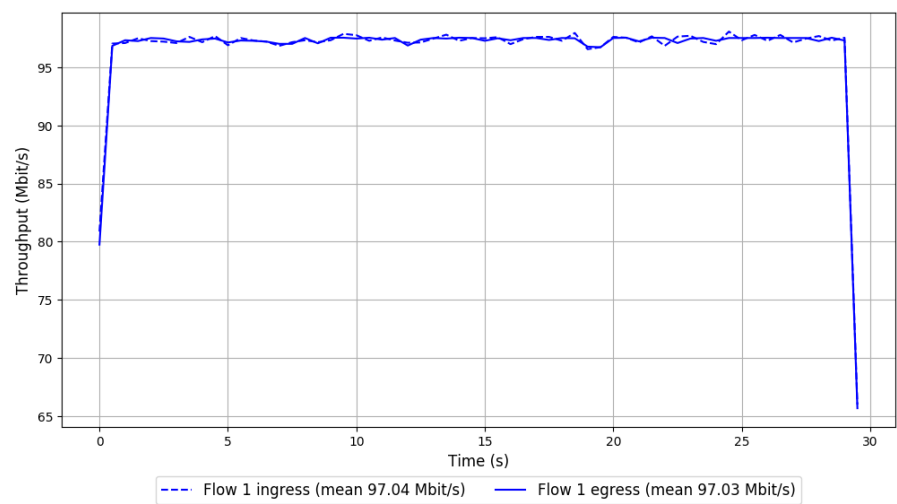Run 1: Report of Indigo — Data Link

Flow 1 ingress (mean 97.15 Mbit/s) ----- Flow 1 egress (mean 97.13 Mbit/s) ———

Flow 1 (95th percentile 8.33 ms)

```
Run 2: Statistics of Indigo

Start at: 2018-01-16 10:35:23
End at: 2018-01-16 10:35:53
Local clock offset: -0.943 ms
Remote clock offset: -1.106 ms


# Below is generated by plot.py at 2018-01-16 17:16:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.03 Mbit/s
95th percentile per-packet one-way delay: 7.959 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 97.03 Mbit/s
95th percentile per-packet one-way delay: 7.959 ms
Loss rate: 0.03%
```

Run 2: Report of Indigo — Data Link

Flow 1 ingress (mean 97.04 Mbit/s)   Flow 1 egress (mean 97.03 Mbit/s)

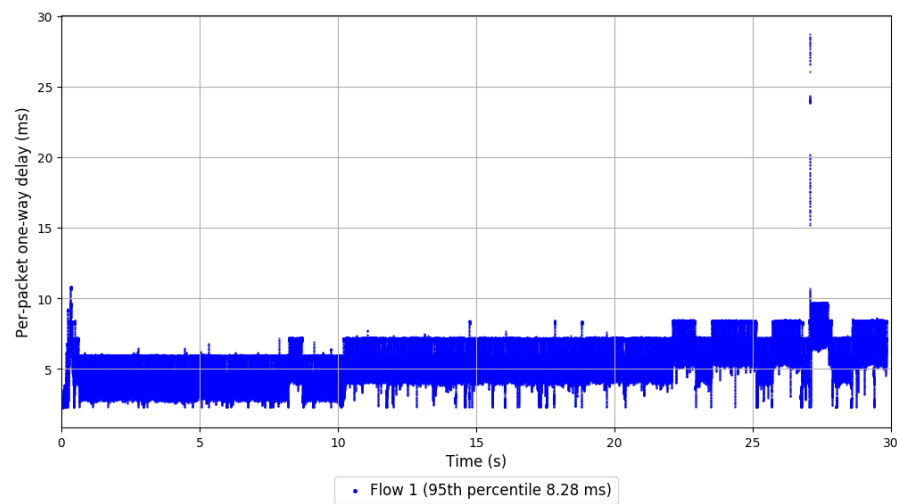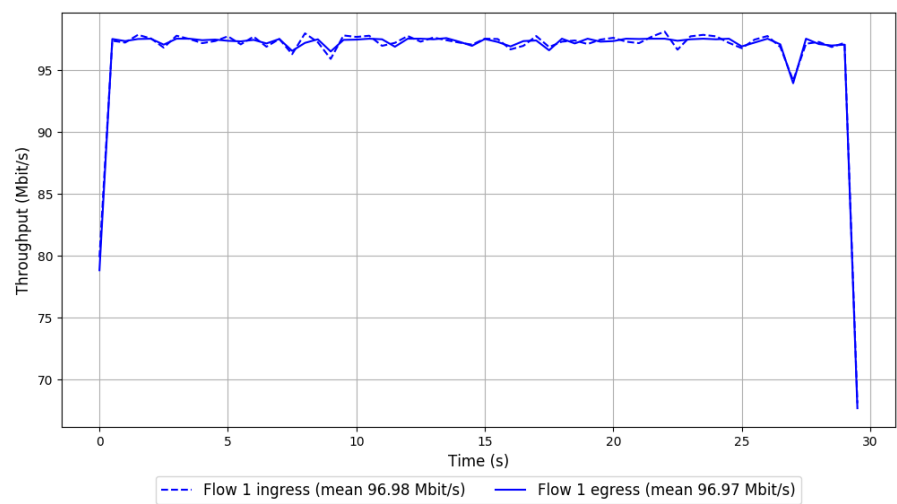Flow 1 (95th percentile 7.96 ms)

```
Run 3: Statistics of Indigo

Start at: 2018-01-16 10:55:55
End at: 2018-01-16 10:56:25
Local clock offset: -1.106 ms
Remote clock offset: -0.531 ms


# Below is generated by plot.py at 2018-01-16 17:16:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.97 Mbit/s
95th percentile per-packet one-way delay: 8.284 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 96.97 Mbit/s
95th percentile per-packet one-way delay: 8.284 ms
Loss rate: 0.03%
```

Run 3: Report of Indigo — Data Link

```
Run 4: Statistics of Indigo

Start at: 2018-01-16 11:16:28
End at: 2018-01-16 11:16:58
Local clock offset: -1.284 ms
Remote clock offset: 0.204 ms


# Below is generated by plot.py at 2018-01-16 17:16:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.97 Mbit/s
95th percentile per-packet one-way delay: 8.366 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.97 Mbit/s
95th percentile per-packet one-way delay: 8.366 ms
Loss rate: 0.04%
```
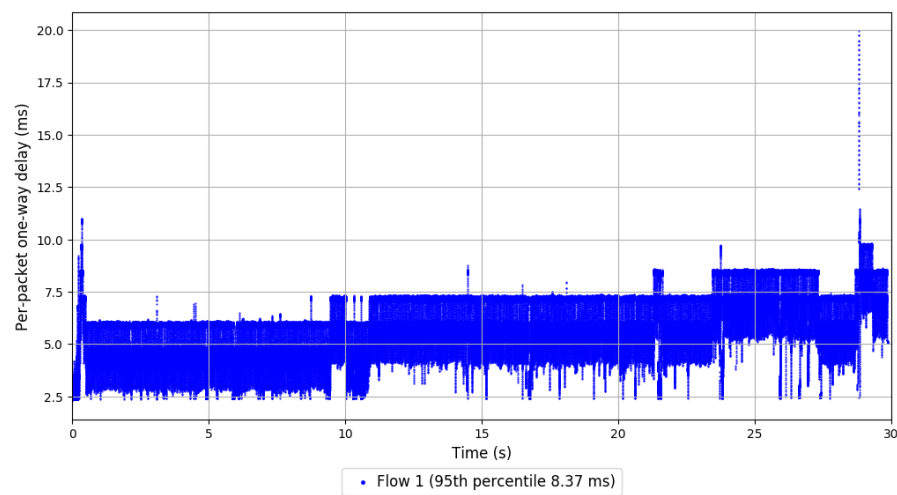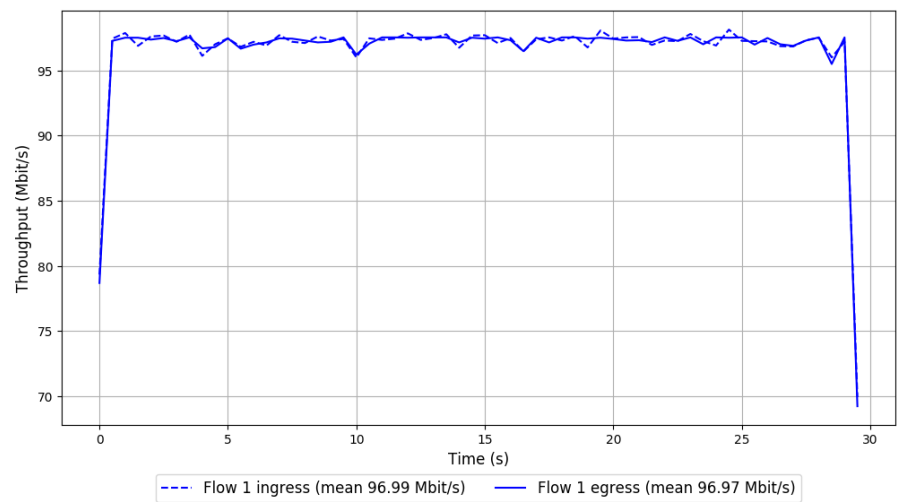
Run 4: Report of Indigo — Data Link

Flow 1 ingress (mean 96.99 Mbit/s)   Flow 1 egress (mean 96.97 Mbit/s)

Flow 1 (95th percentile 8.37 ms)

```
Run 5: Statistics of Indigo

Start at: 2018-01-16 11:37:03
End at: 2018-01-16 11:37:33
Local clock offset: -2.178 ms
Remote clock offset: 0.652 ms


# Below is generated by plot.py at 2018-01-16 17:17:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.93 Mbit/s
95th percentile per-packet one-way delay: 8.280 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 96.93 Mbit/s
95th percentile per-packet one-way delay: 8.280 ms
Loss rate: 0.03%
```
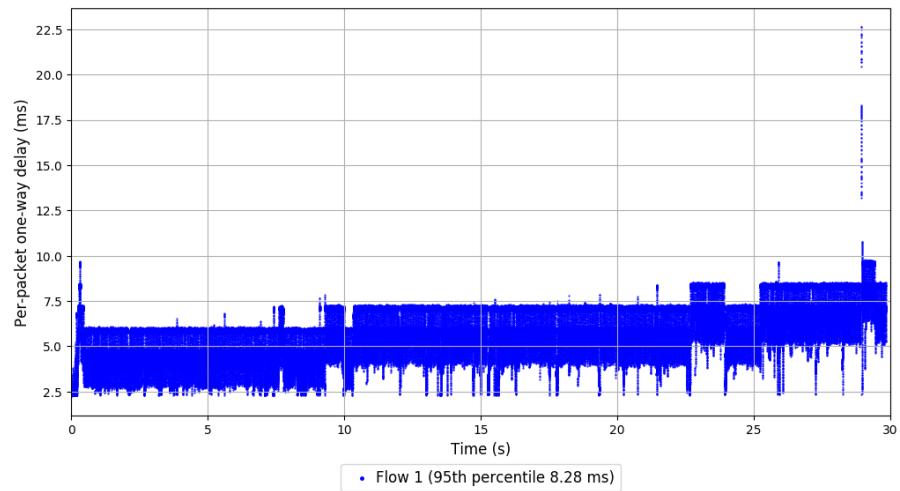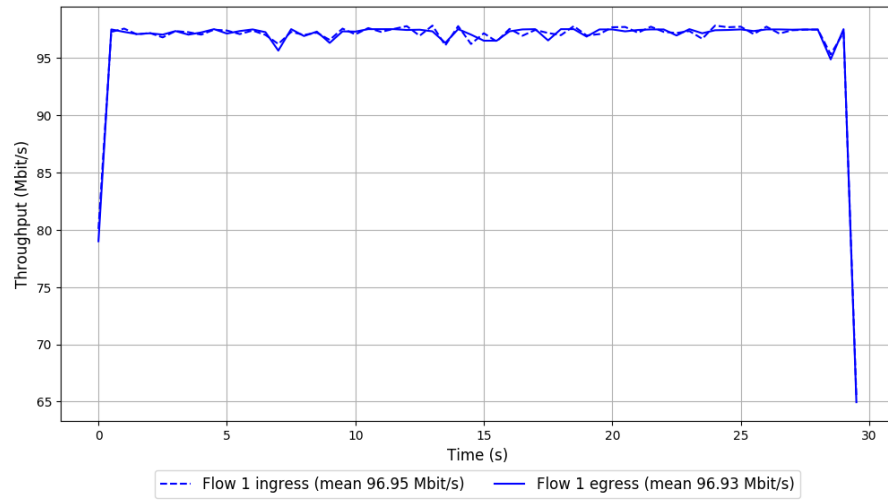
Run 5: Report of Indigo — Data Link

```
Run 6: Statistics of Indigo

Start at: 2018-01-16 11:57:36
End at: 2018-01-16 11:58:06
Local clock offset: -2.465 ms
Remote clock offset: 0.733 ms


# Below is generated by plot.py at 2018-01-16 17:17:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.82 Mbit/s
95th percentile per-packet one-way delay: 7.905 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 96.82 Mbit/s
95th percentile per-packet one-way delay: 7.905 ms
Loss rate: 0.03%
```
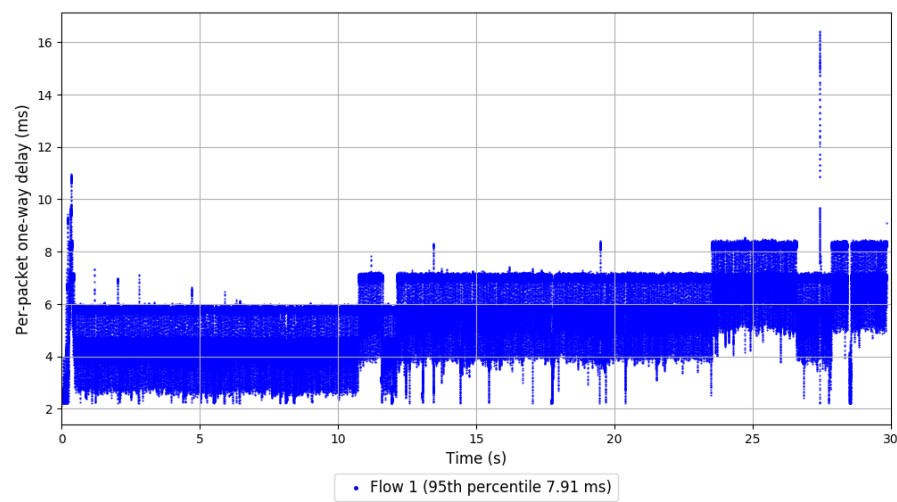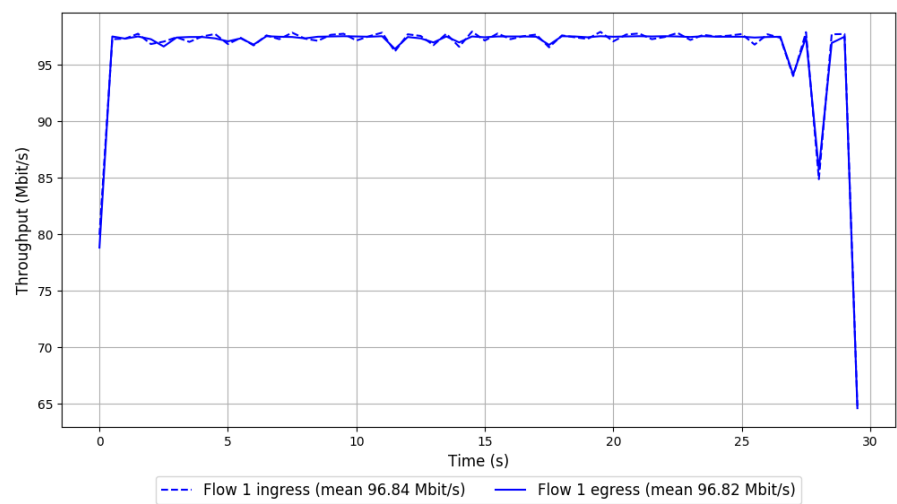
Run 6: Report of Indigo — Data Link

```
Run 7: Statistics of Indigo

Start at: 2018-01-16 12:18:10
End at: 2018-01-16 12:18:40
Local clock offset: -1.959 ms
Remote clock offset: 0.78 ms


# Below is generated by plot.py at 2018-01-16 17:17:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.79 Mbit/s
95th percentile per-packet one-way delay: 7.941 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 96.79 Mbit/s
95th percentile per-packet one-way delay: 7.941 ms
Loss rate: 0.03%
```
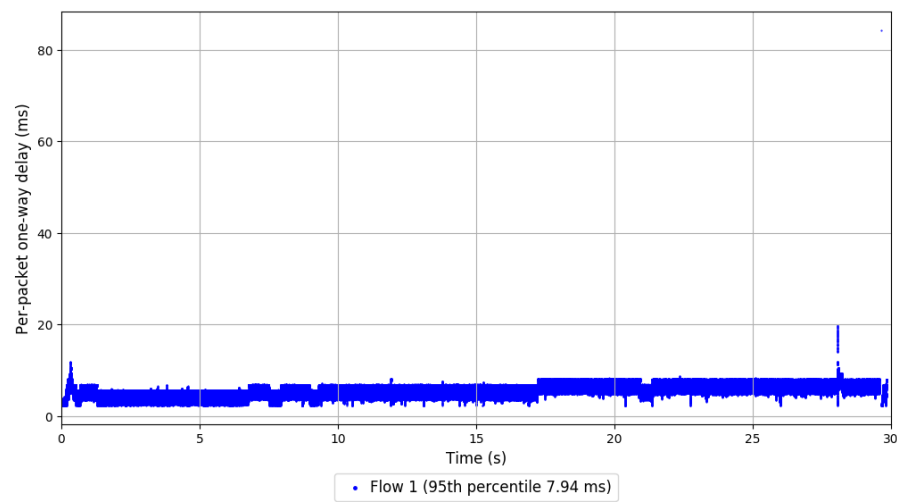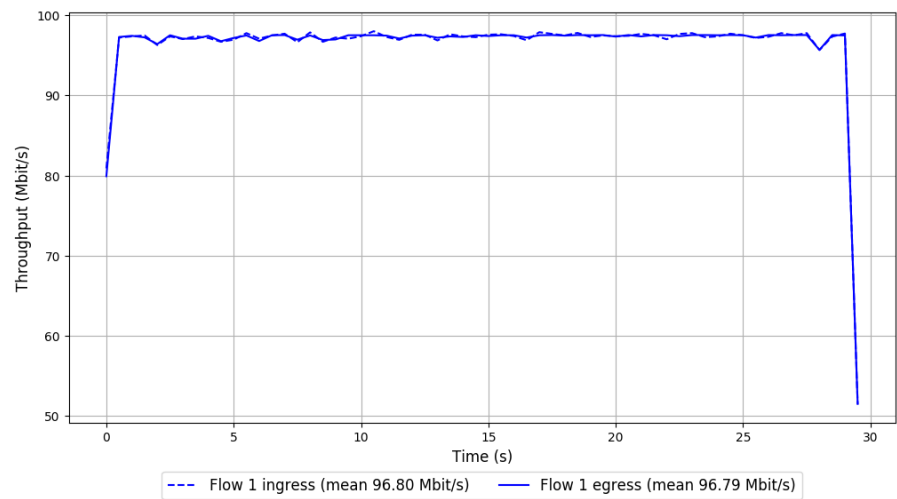
Run 7: Report of Indigo — Data Link

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```
Run 8: Statistics of Indigo

Start at: 2018-01-16 12:38:44
End at: 2018-01-16 12:39:14
Local clock offset: -1.595 ms
Remote clock offset: 0.855 ms


# Below is generated by plot.py at 2018-01-16 17:17:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.93 Mbit/s
95th percentile per-packet one-way delay: 8.249 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.93 Mbit/s
95th percentile per-packet one-way delay: 8.249 ms
Loss rate: 0.04%
```
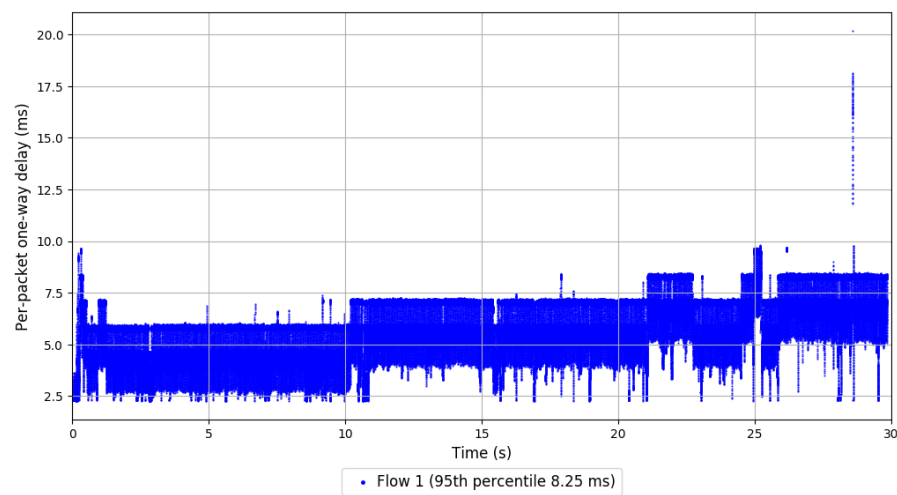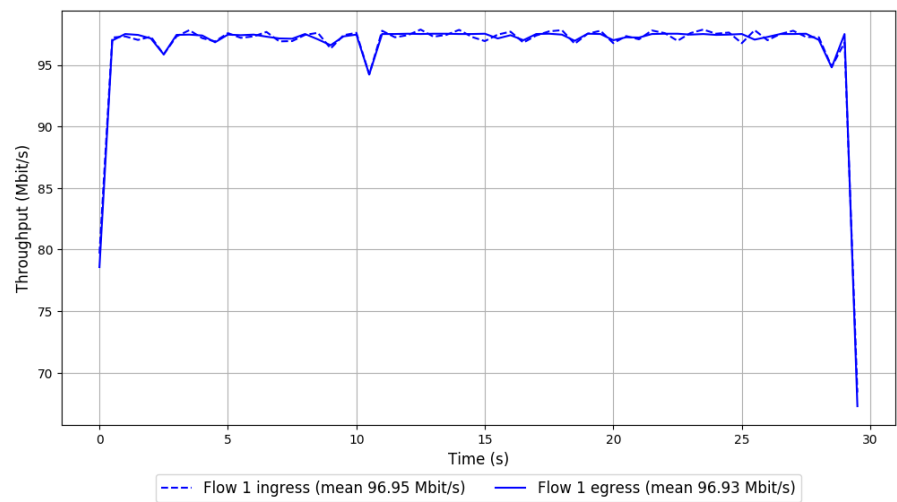
Run 8: Report of Indigo — Data Link

Flow 1 ingress (mean 96.95 Mbit/s)   Flow 1 egress (mean 96.93 Mbit/s)

• Flow 1 (95th percentile 8.25 ms)

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```
Run 9: Statistics of Indigo

Start at: 2018-01-16 12:59:16
End at: 2018-01-16 12:59:46
Local clock offset: -1.883 ms
Remote clock offset: 0.841 ms


# Below is generated by plot.py at 2018-01-16 17:17:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 7.648 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 7.648 ms
Loss rate: 0.03%
```
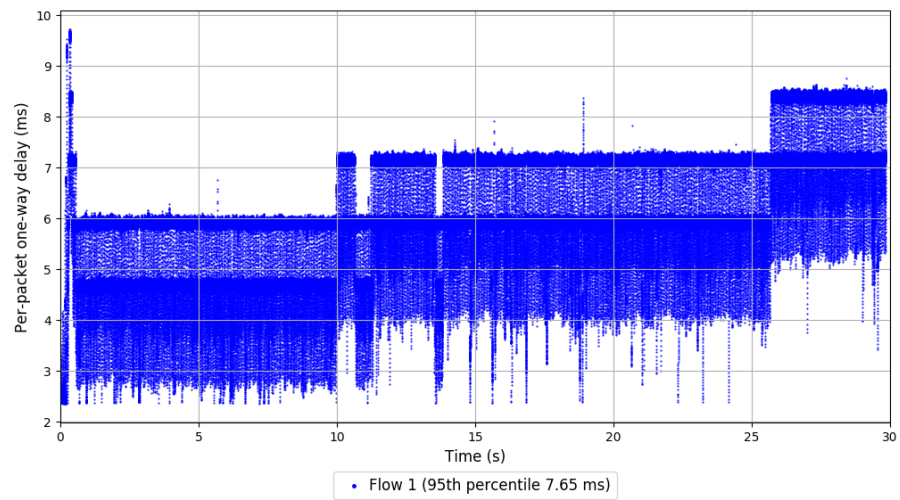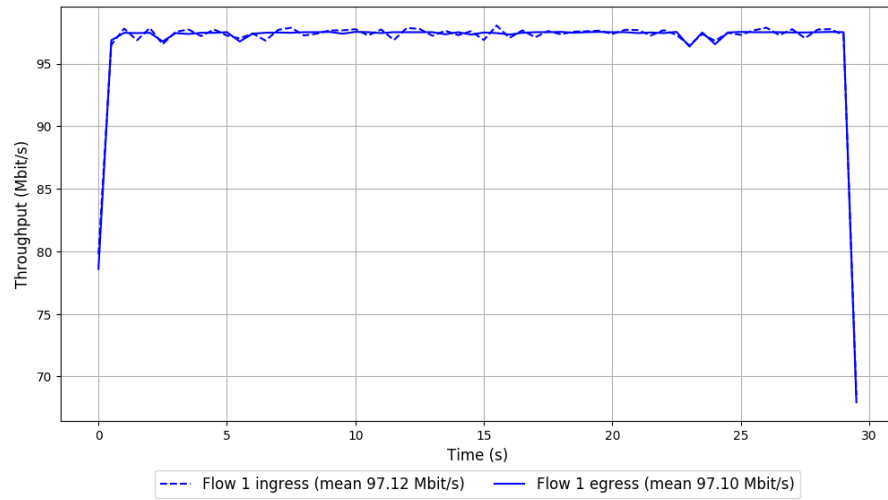
Run 9: Report of Indigo — Data Link

```
Run 10: Statistics of Indigo

Start at: 2018-01-16 13:19:51
End at: 2018-01-16 13:20:21
Local clock offset: -2.56 ms
Remote clock offset: 0.528 ms


# Below is generated by plot.py at 2018-01-16 17:17:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.97 Mbit/s
95th percentile per-packet one-way delay: 7.994 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 96.97 Mbit/s
95th percentile per-packet one-way delay: 7.994 ms
Loss rate: 0.03%
```
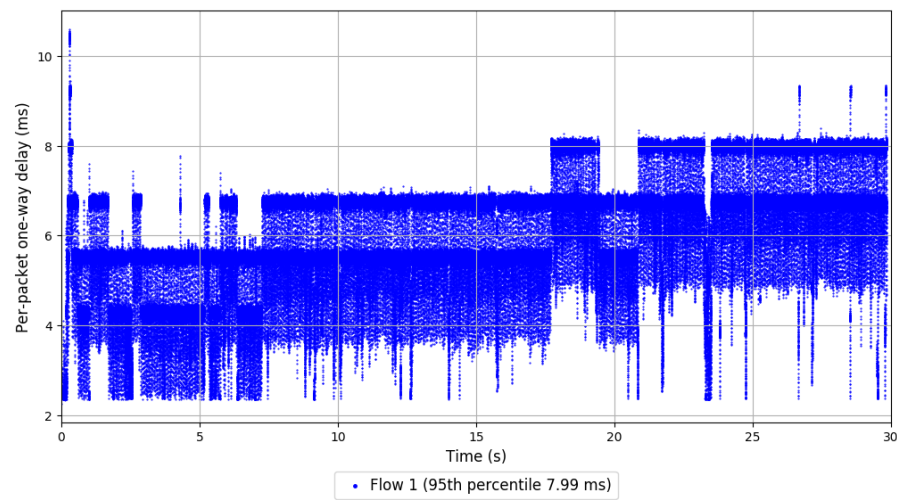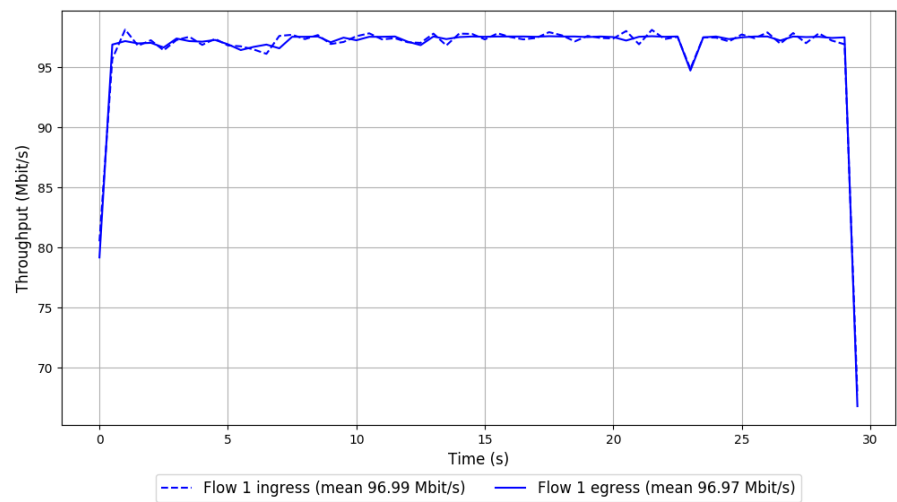
Run 10: Report of Indigo — Data Link

Flow 1 ingress (mean 96.99 Mbit/s)   Flow 1 egress (mean 96.97 Mbit/s)
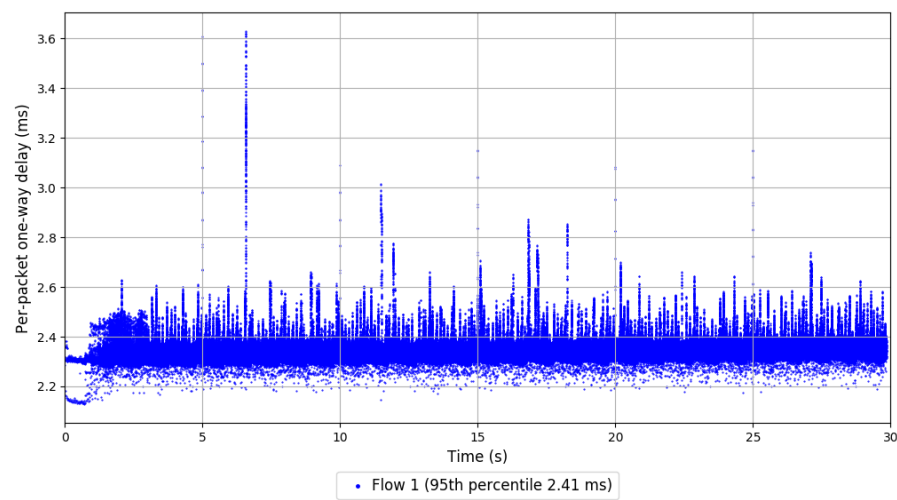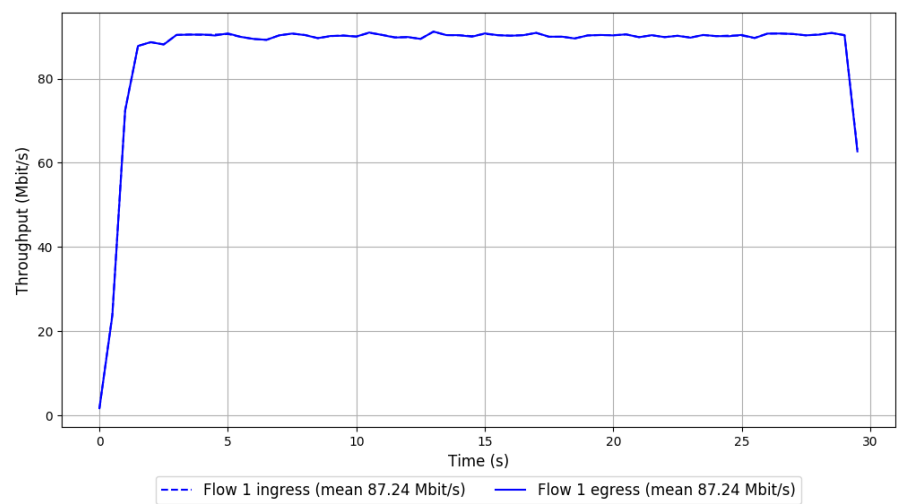

Flow 1 (95th percentile 7.99 ms)

```
Run 1: Statistics of Vivace-latency

Start at: 2018-01-16 10:05:44
End at: 2018-01-16 10:06:14
Local clock offset: 0.073 ms
Remote clock offset: -1.204 ms


# Below is generated by plot.py at 2018-01-16 17:18:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.24 Mbit/s
95th percentile per-packet one-way delay: 2.410 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 87.24 Mbit/s
95th percentile per-packet one-way delay: 2.410 ms
Loss rate: 0.02%
```
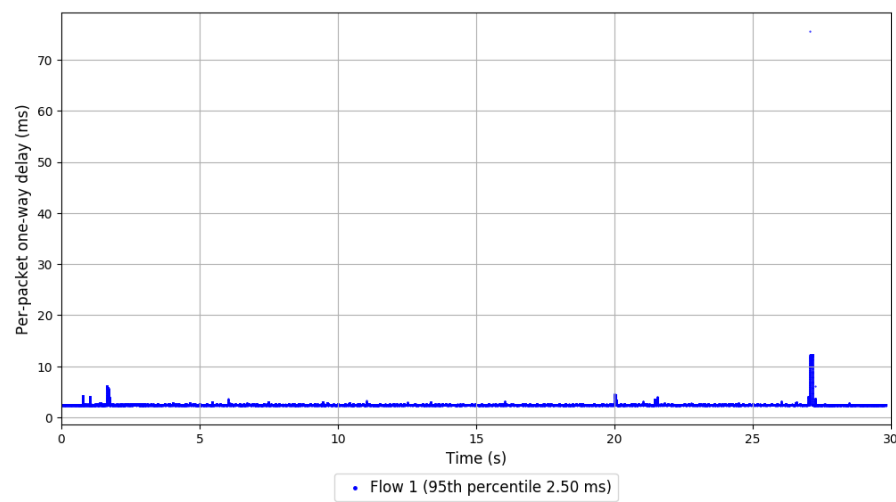
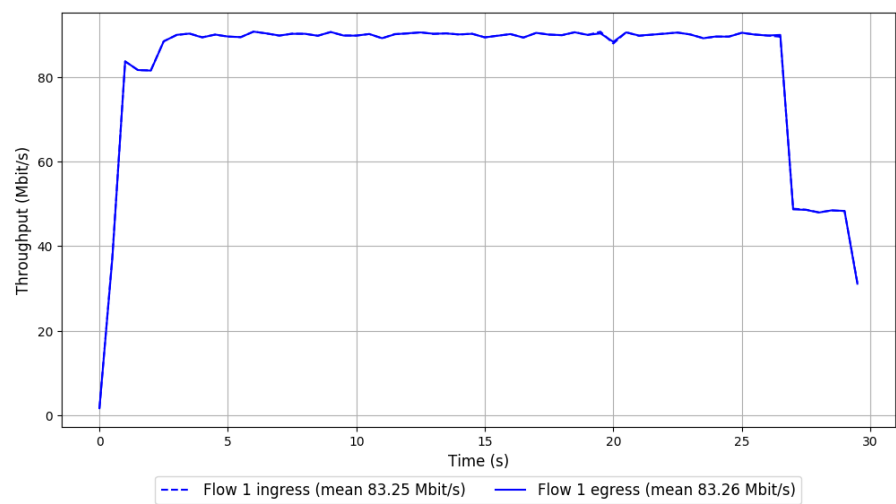Run 1: Report of Vivace-latency — Data Link

```
Run 2: Statistics of Vivace-latency

Start at: 2018-01-16 10:26:18
End at: 2018-01-16 10:26:48
Local clock offset: -0.748 ms
Remote clock offset: -1.275 ms


# Below is generated by plot.py at 2018-01-16 17:18:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.26 Mbit/s
95th percentile per-packet one-way delay: 2.496 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 83.26 Mbit/s
95th percentile per-packet one-way delay: 2.496 ms
Loss rate: 0.01%
```

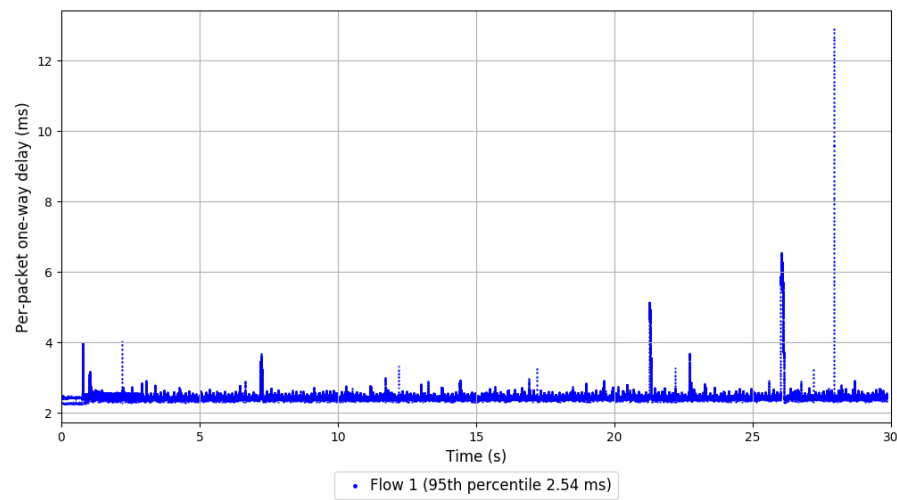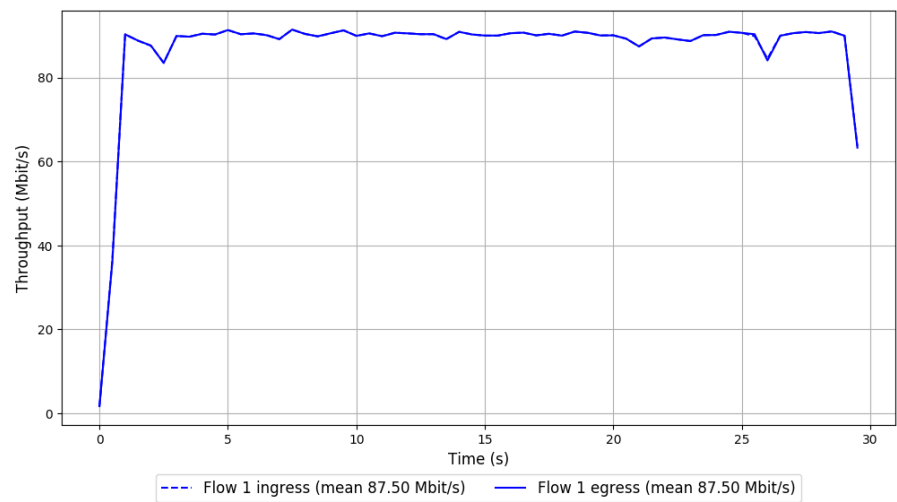Run 2: Report of Vivace-latency — Data Link

```
Run 3: Statistics of Vivace-latency

Start at: 2018-01-16 10:46:46
End at: 2018-01-16 10:47:16
Local clock offset: -0.976 ms
Remote clock offset: -0.938 ms


# Below is generated by plot.py at 2018-01-16 17:19:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.50 Mbit/s
95th percentile per-packet one-way delay: 2.535 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 87.50 Mbit/s
95th percentile per-packet one-way delay: 2.535 ms
Loss rate: 0.02%
```

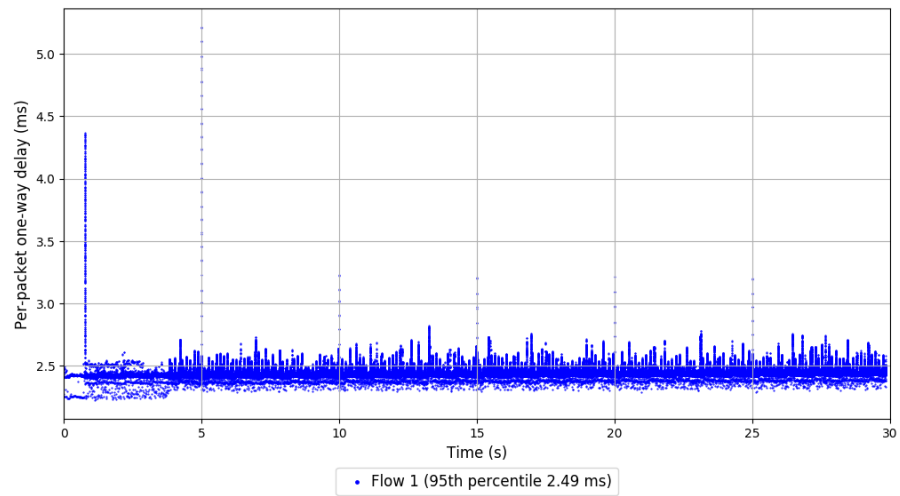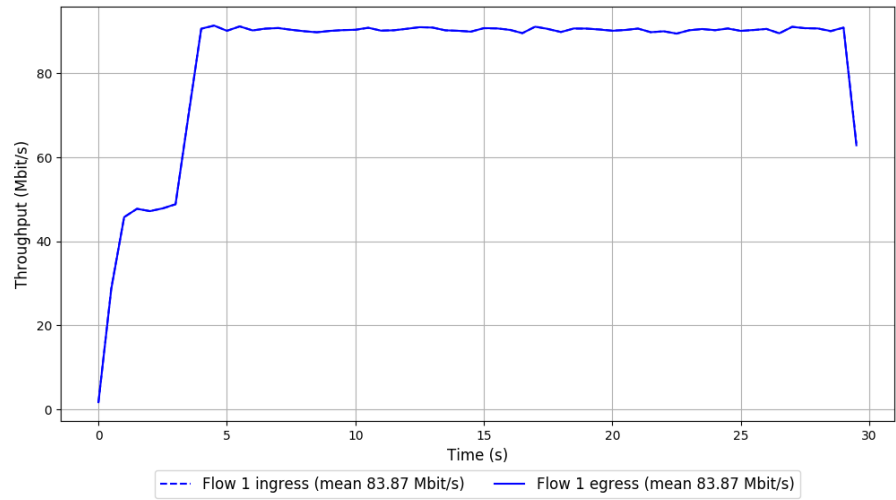## Run 3: Report of Vivace-latency — Data Link

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```
Run 4: Statistics of Vivace-latency

Start at: 2018-01-16 11:07:18
End at: 2018-01-16 11:07:48
Local clock offset: -1.149 ms
Remote clock offset: -0.182 ms


# Below is generated by plot.py at 2018-01-16 17:19:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.87 Mbit/s
95th percentile per-packet one-way delay: 2.494 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 83.87 Mbit/s
95th percentile per-packet one-way delay: 2.494 ms
Loss rate: 0.02%
```

Run 4: Report of Vivace-latency — Data Link

```
Run 5: Statistics of Vivace-latency

Start at: 2018-01-16 11:27:51
End at: 2018-01-16 11:28:21
Local clock offset: -1.772 ms
Remote clock offset: 0.514 ms


# Below is generated by plot.py at 2018-01-16 17:19:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.64 Mbit/s
95th percentile per-packet one-way delay: 2.467 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 87.64 Mbit/s
95th percentile per-packet one-way delay: 2.467 ms
Loss rate: 0.02%
```
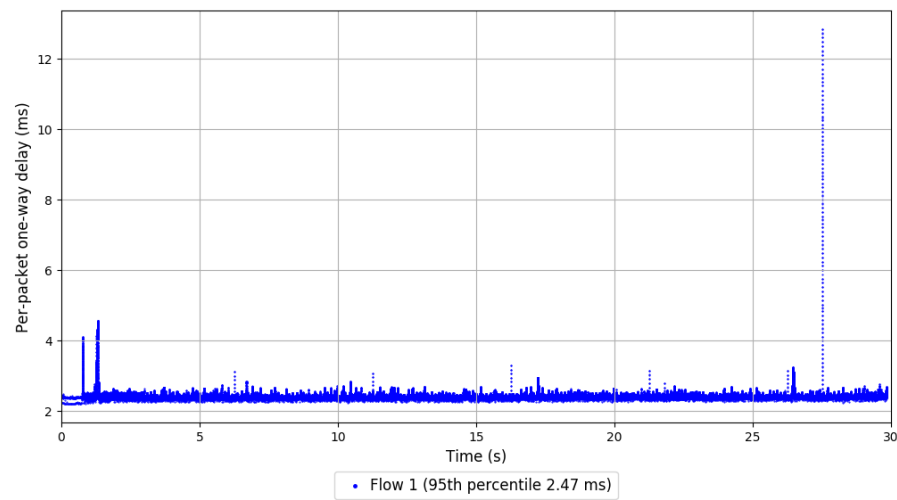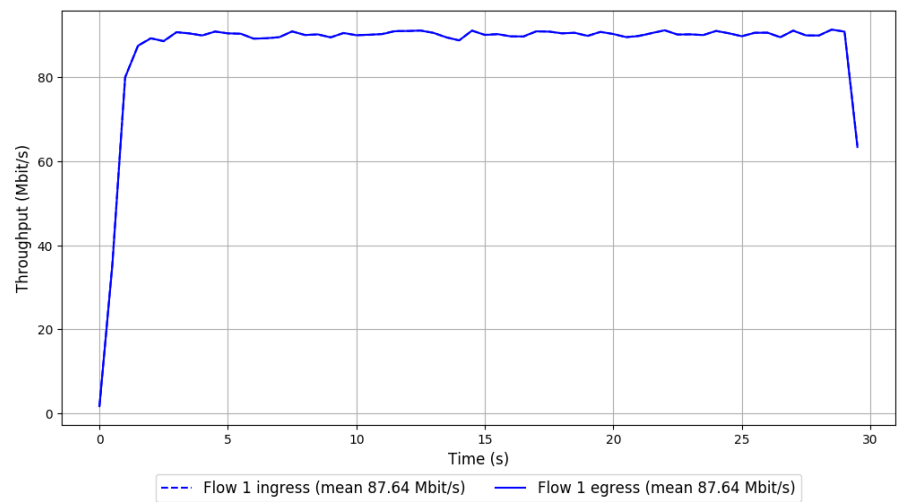
Run 5: Report of Vivace-latency — Data Link

Flow 1 ingress (mean 87.64 Mbit/s) --- Flow 1 egress (mean 87.64 Mbit/s)

Flow 1 (95th percentile 2.47 ms)

```
Run 6: Statistics of Vivace-latency

Start at: 2018-01-16 11:48:25
End at: 2018-01-16 11:48:55
Local clock offset: -2.555 ms
Remote clock offset: 0.574 ms


# Below is generated by plot.py at 2018-01-16 17:19:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.07 Mbit/s
95th percentile per-packet one-way delay: 2.565 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 87.07 Mbit/s
95th percentile per-packet one-way delay: 2.565 ms
Loss rate: 0.01%
```
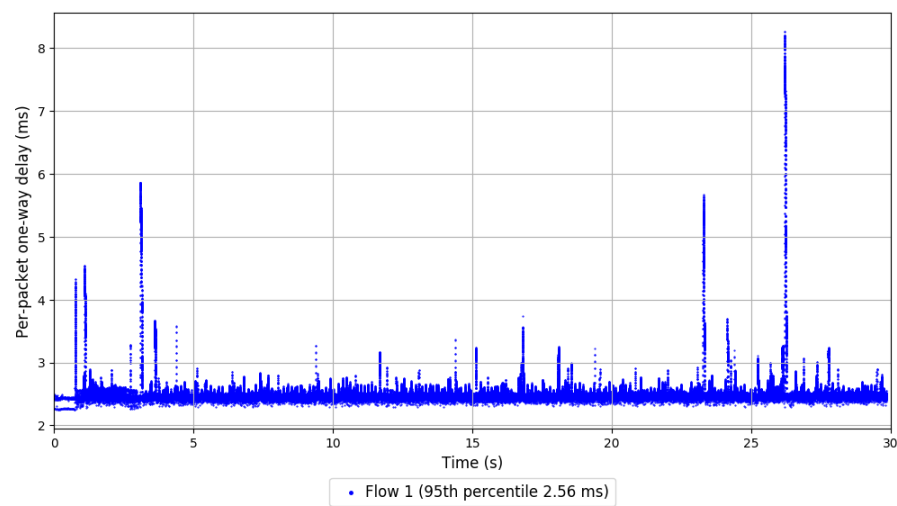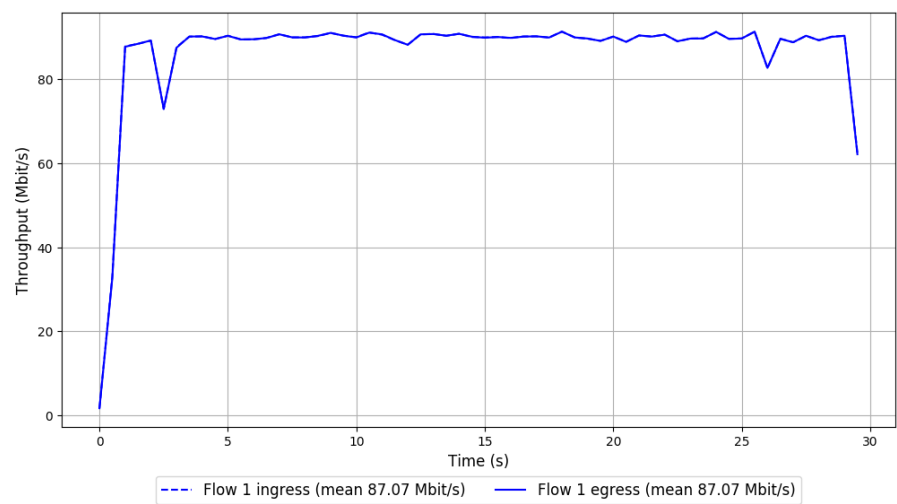
Run 6: Report of Vivace-latency — Data Link

Flow 1 ingress (mean 87.07 Mbit/s) —— Flow 1 egress (mean 87.07 Mbit/s)
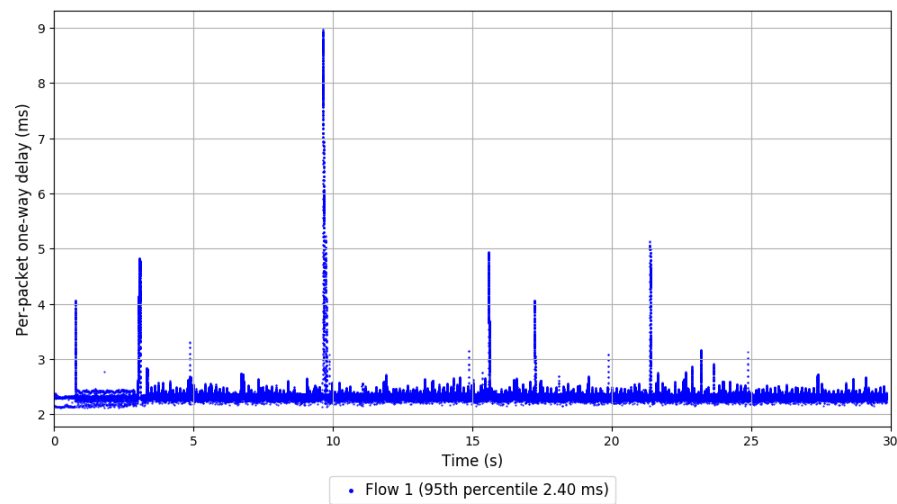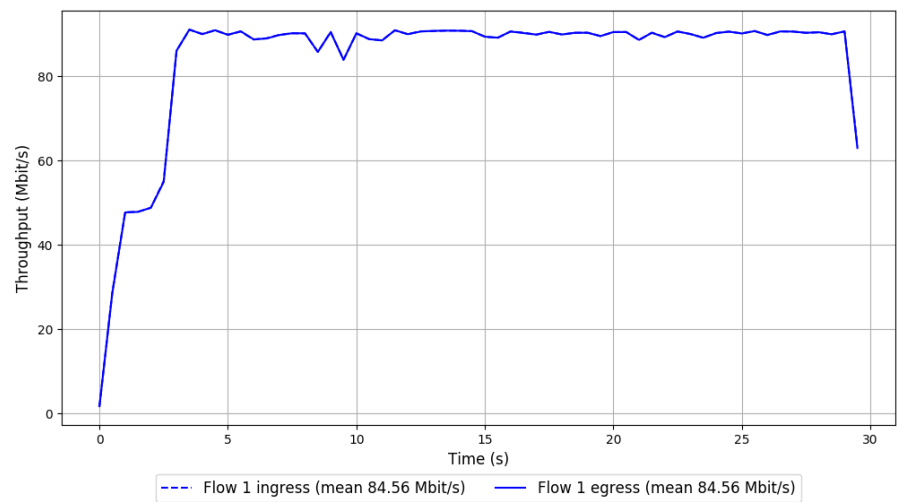

• Flow 1 (95th percentile 2.56 ms)

```
Run 7: Statistics of Vivace-latency

Start at: 2018-01-16 12:08:59
End at: 2018-01-16 12:09:29
Local clock offset: -2.127 ms
Remote clock offset: 0.765 ms


# Below is generated by plot.py at 2018-01-16 17:19:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.56 Mbit/s
95th percentile per-packet one-way delay: 2.403 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 84.56 Mbit/s
95th percentile per-packet one-way delay: 2.403 ms
Loss rate: 0.02%
```

Run 7: Report of Vivace-latency — Data Link

Flow 1 ingress (mean 84.56 Mbit/s)　　Flow 1 egress (mean 84.56 Mbit/s)

· Flow 1 (95th percentile 2.40 ms)

```
Run 8: Statistics of Vivace-latency

Start at: 2018-01-16 12:29:33
End at: 2018-01-16 12:30:03
Local clock offset: -1.689 ms
Remote clock offset: 0.764 ms


# Below is generated by plot.py at 2018-01-16 17:19:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.21 Mbit/s
95th percentile per-packet one-way delay: 2.409 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 87.21 Mbit/s
95th percentile per-packet one-way delay: 2.409 ms
Loss rate: 0.02%
```
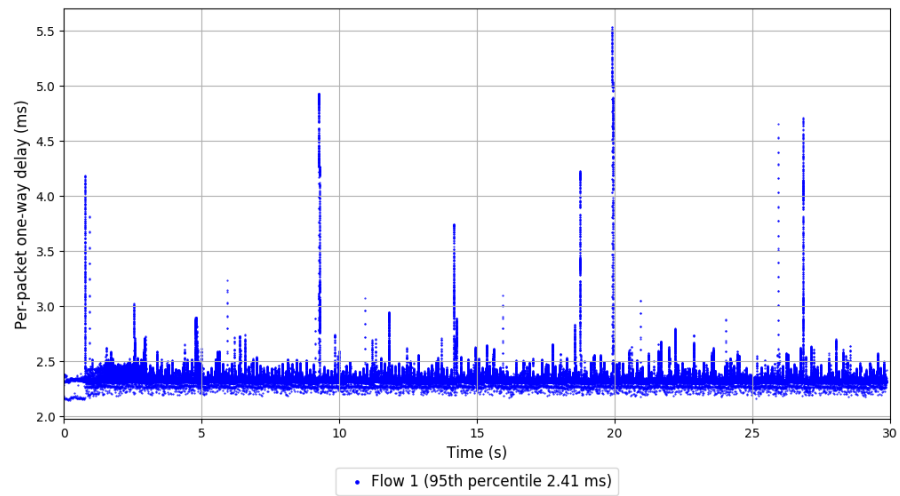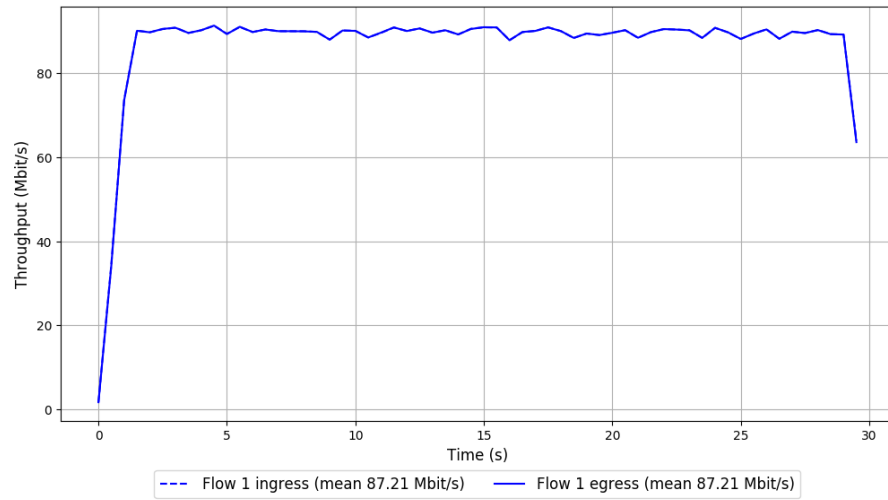
Run 8: Report of Vivace-latency — Data Link

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```
Run 9: Statistics of Vivace-latency

Start at: 2018-01-16 12:50:06
End at: 2018-01-16 12:50:36
Local clock offset: -1.689 ms
Remote clock offset: 0.837 ms


# Below is generated by plot.py at 2018-01-16 17:20:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.64 Mbit/s
95th percentile per-packet one-way delay: 2.487 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 71.64 Mbit/s
95th percentile per-packet one-way delay: 2.487 ms
Loss rate: 0.02%
```
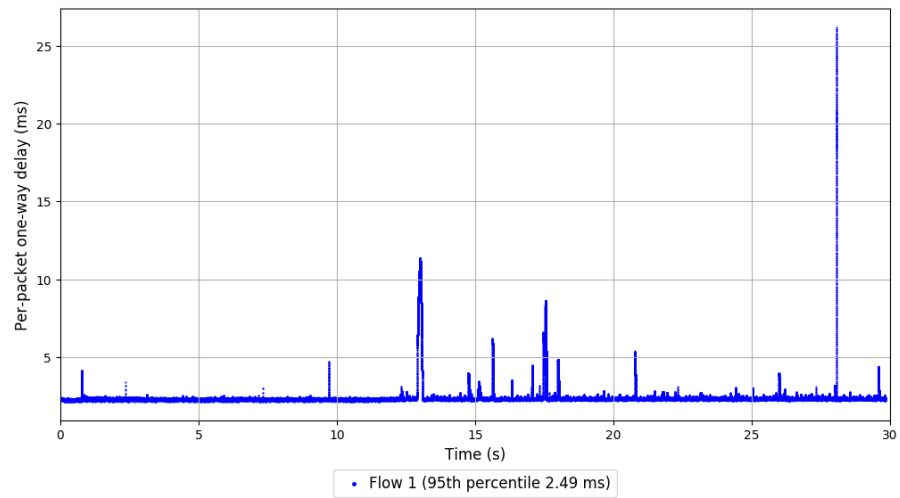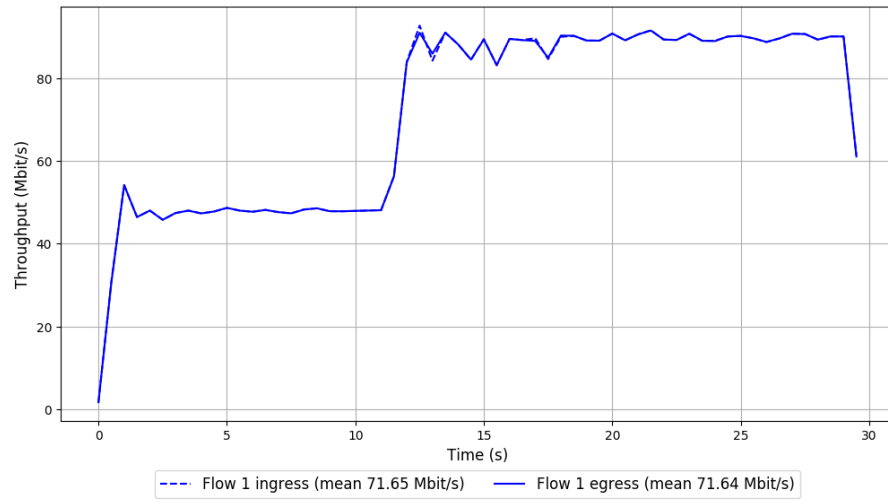
Run 9: Report of Vivace-latency — Data Link

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```
Run 10: Statistics of Vivace-latency

Start at: 2018-01-16 13:10:39
End at: 2018-01-16 13:11:09
Local clock offset: -2.27 ms
Remote clock offset: 0.621 ms


# Below is generated by plot.py at 2018-01-16 17:20:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.06 Mbit/s
95th percentile per-packet one-way delay: 2.542 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 87.06 Mbit/s
95th percentile per-packet one-way delay: 2.542 ms
Loss rate: 0.02%
```
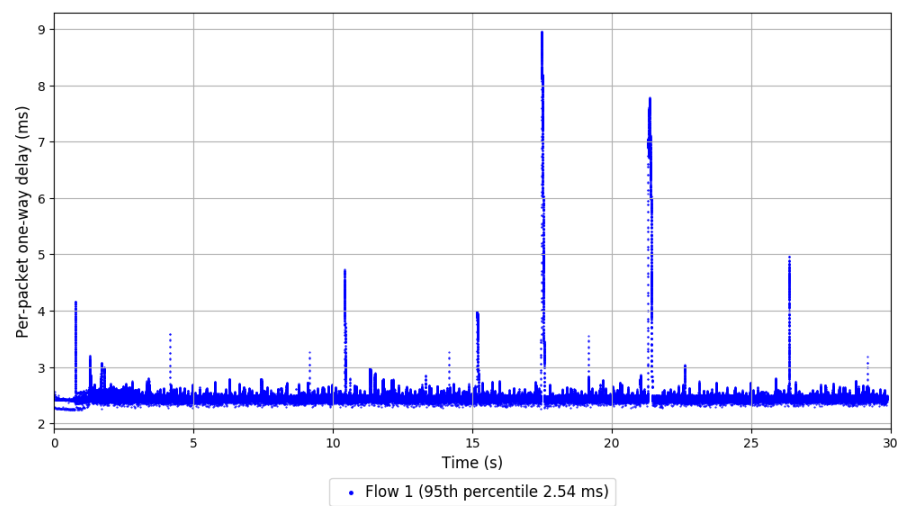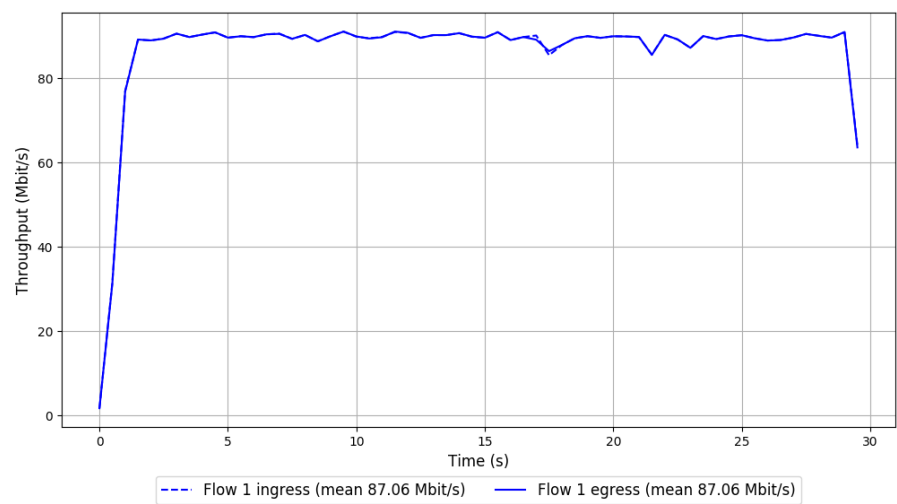
Run 10: Report of Vivace-latency — Data Link

Flow 1 ingress (mean 87.06 Mbit/s)   Flow 1 egress (mean 87.06 Mbit/s)

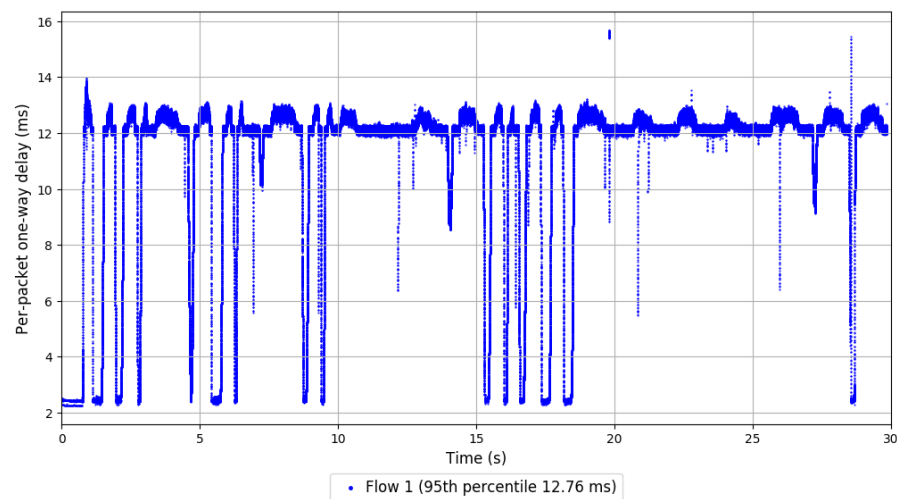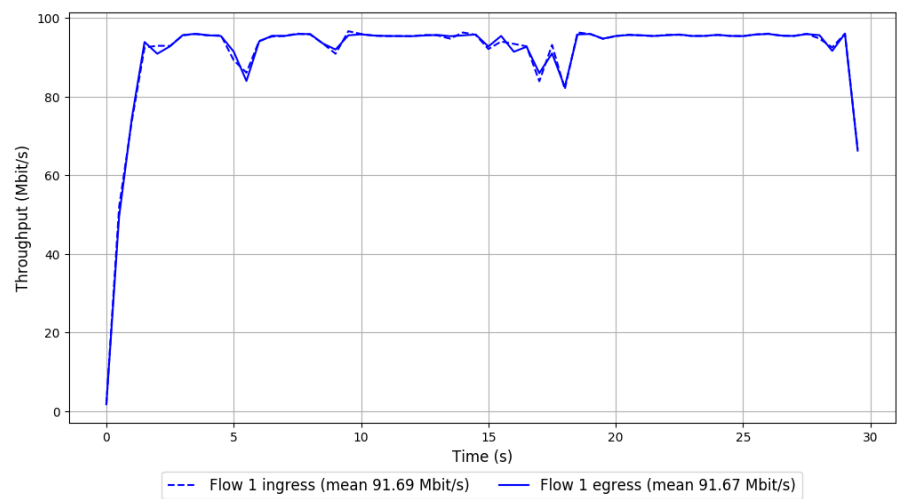• Flow 1 (95th percentile 2.54 ms)

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```
Run 1: Statistics of Vivace-loss

Start at: 2018-01-16 10:13:43
End at: 2018-01-16 10:14:13
Local clock offset: -0.278 ms
Remote clock offset: -1.317 ms


# Below is generated by plot.py at 2018-01-16 17:22:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.67 Mbit/s
95th percentile per-packet one-way delay: 12.760 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 91.67 Mbit/s
95th percentile per-packet one-way delay: 12.760 ms
Loss rate: 0.05%
```

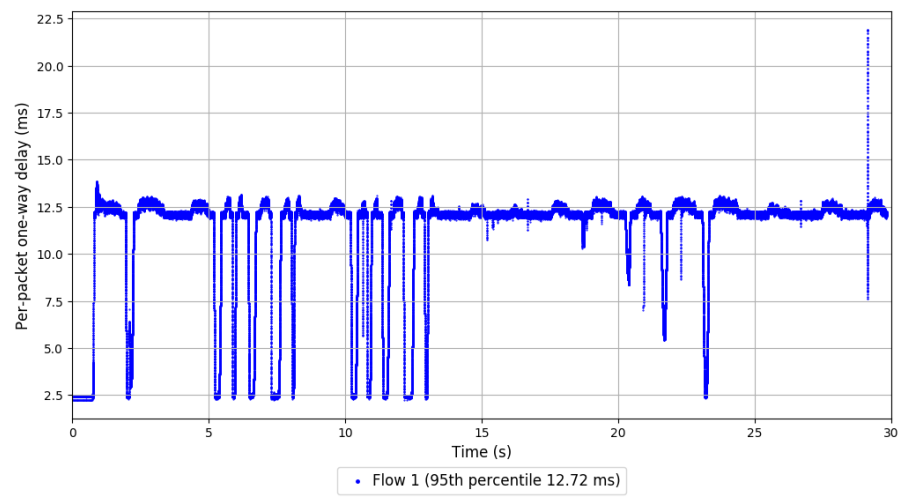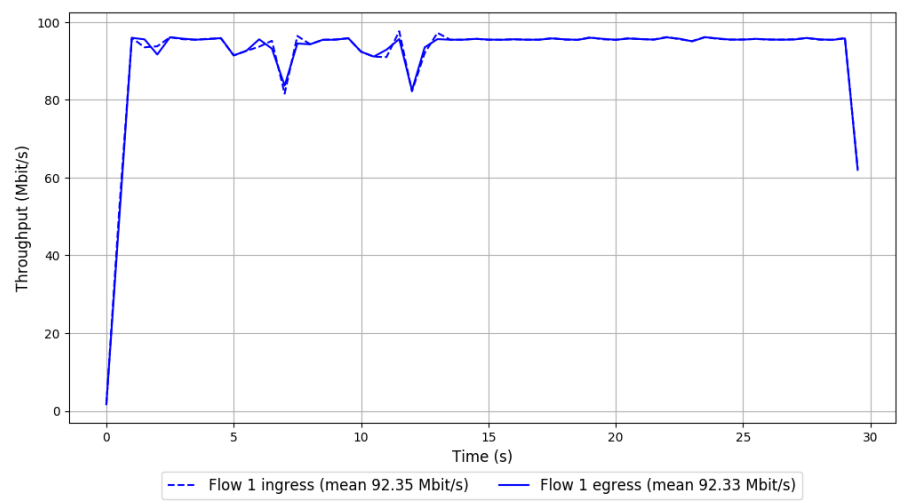Run 1: Report of Vivace-loss — Data Link

```
Run 2: Statistics of Vivace-loss

Start at: 2018-01-16 10:34:12
End at: 2018-01-16 10:34:42
Local clock offset: -0.863 ms
Remote clock offset: -1.197 ms


# Below is generated by plot.py at 2018-01-16 17:22:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.33 Mbit/s
95th percentile per-packet one-way delay: 12.719 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 92.33 Mbit/s
95th percentile per-packet one-way delay: 12.719 ms
Loss rate: 0.05%
```

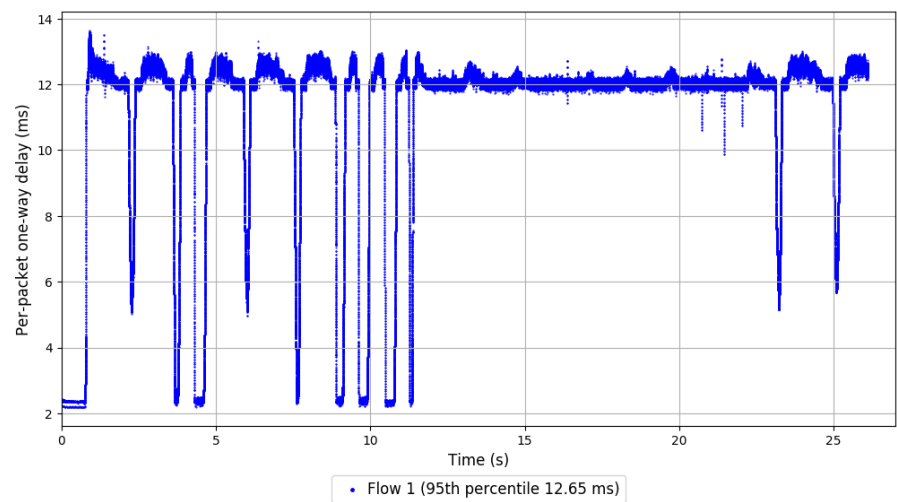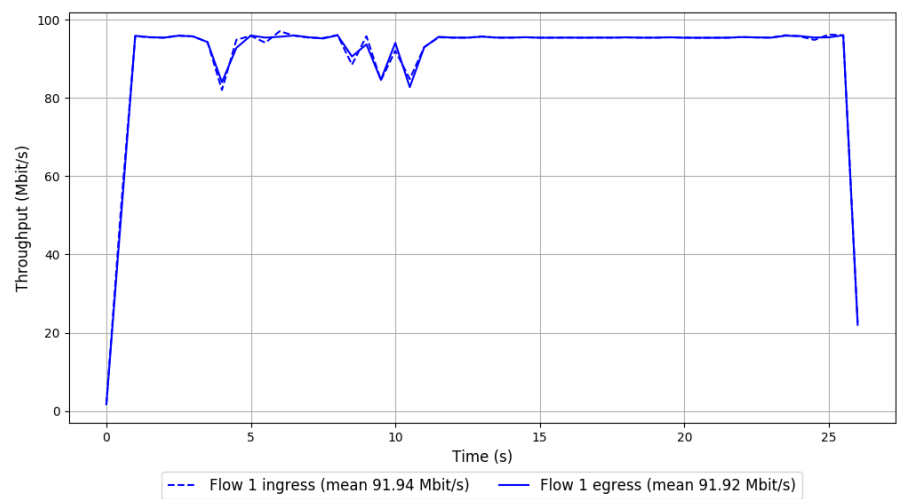Run 2: Report of Vivace-loss — Data Link

```
Run 3: Statistics of Vivace-loss

Start at: 2018-01-16 10:54:45
End at: 2018-01-16 10:55:15
Local clock offset: -1.026 ms
Remote clock offset: -0.579 ms


# Below is generated by plot.py at 2018-01-16 17:22:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.92 Mbit/s
95th percentile per-packet one-way delay: 12.651 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 91.92 Mbit/s
95th percentile per-packet one-way delay: 12.651 ms
Loss rate: 0.06%
```

Run 3: Report of Vivace-loss — Data Link

```
Run 4: Statistics of Vivace-loss

Start at: 2018-01-16 11:15:17
End at: 2018-01-16 11:15:47
Local clock offset: -1.297 ms
Remote clock offset: 0.158 ms


# Below is generated by plot.py at 2018-01-16 17:22:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.44 Mbit/s
95th percentile per-packet one-way delay: 12.657 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 91.44 Mbit/s
95th percentile per-packet one-way delay: 12.657 ms
Loss rate: 0.05%
```
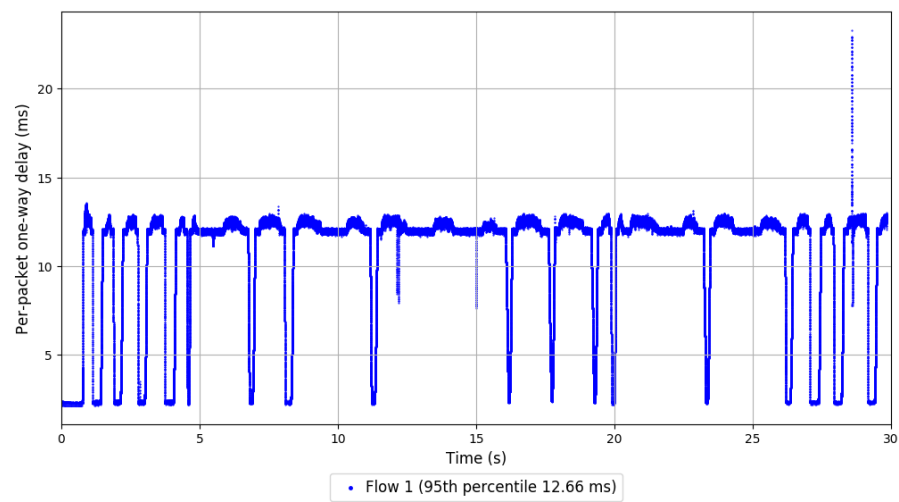
Run 4: Report of Vivace-loss — Data Link

```
Run 5: Statistics of Vivace-loss

Start at: 2018-01-16 11:35:51
End at: 2018-01-16 11:36:21
Local clock offset: -2.165 ms
Remote clock offset: 0.651 ms


# Below is generated by plot.py at 2018-01-16 17:22:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.81 Mbit/s
95th percentile per-packet one-way delay: 12.605 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 91.81 Mbit/s
95th percentile per-packet one-way delay: 12.605 ms
Loss rate: 0.05%
```
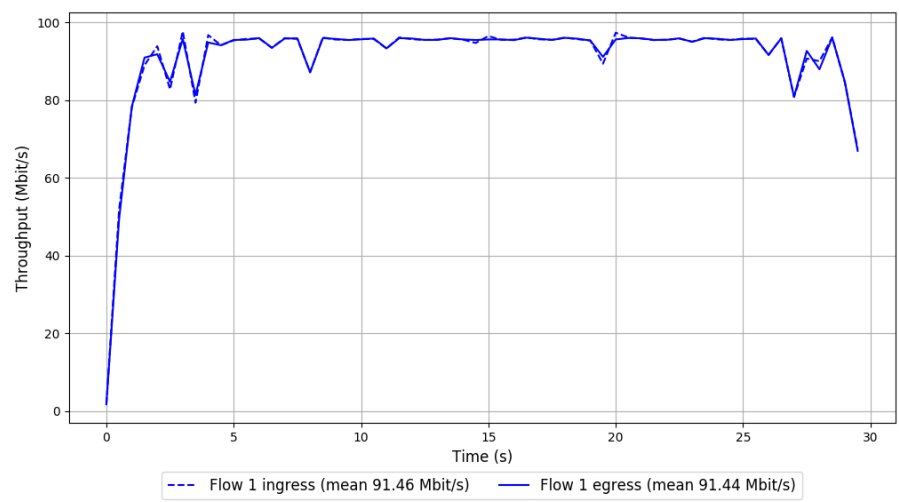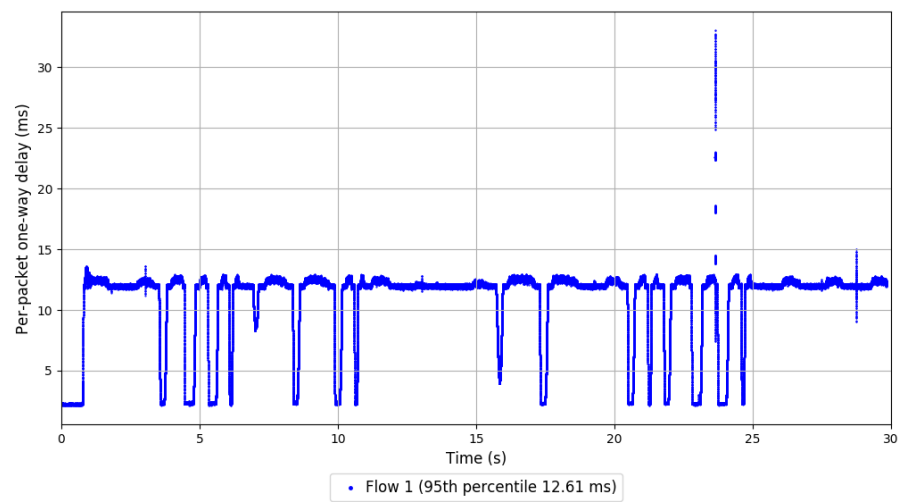
Run 5: Report of Vivace-loss — Data Link

Flow 1 ingress (mean 91.82 Mbit/s)   Flow 1 egress (mean 91.81 Mbit/s)

Flow 1 (95th percentile 12.61 ms)

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```
Run 6: Statistics of Vivace-loss

Start at: 2018-01-16 11:56:25
End at: 2018-01-16 11:56:55
Local clock offset: -2.409 ms
Remote clock offset: 0.635 ms


# Below is generated by plot.py at 2018-01-16 17:22:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.87 Mbit/s
95th percentile per-packet one-way delay: 12.705 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 91.87 Mbit/s
95th percentile per-packet one-way delay: 12.705 ms
Loss rate: 0.05%
```
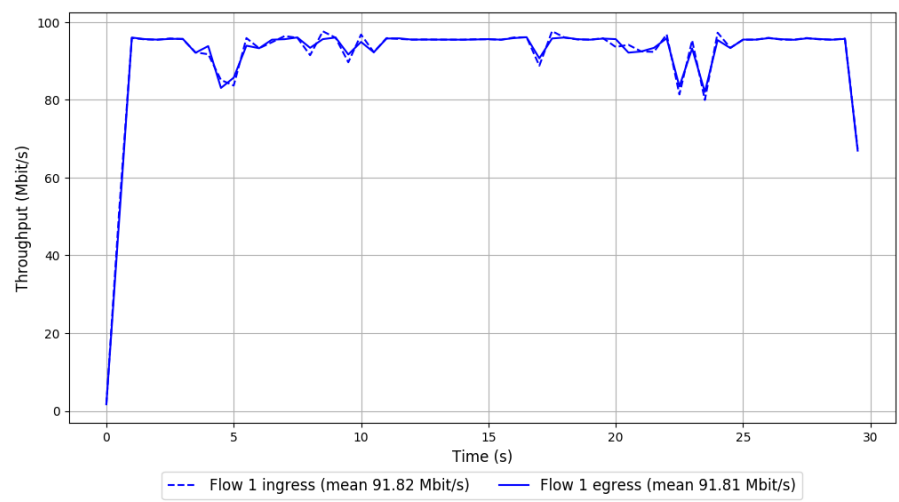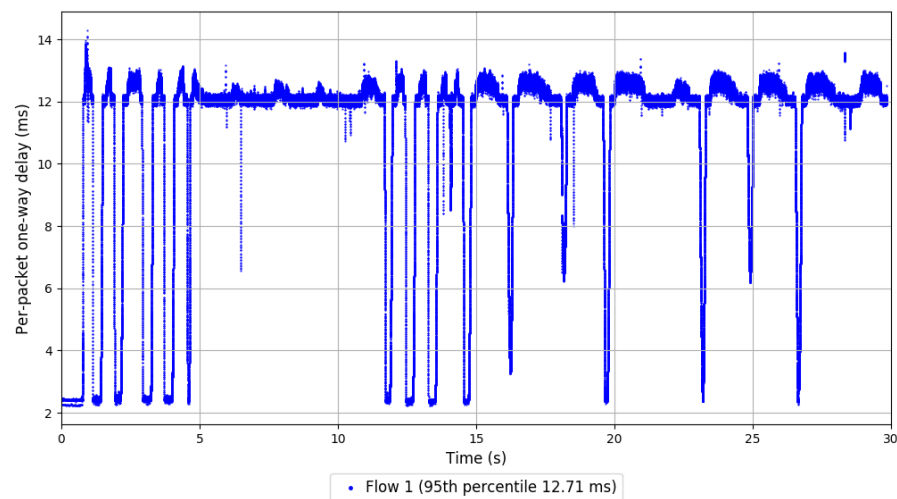
Run 6: Report of Vivace-loss — Data Link

```
Run 7: Statistics of Vivace-loss

Start at: 2018-01-16 12:16:58
End at: 2018-01-16 12:17:28
Local clock offset: -1.942 ms
Remote clock offset: 0.778 ms


# Below is generated by plot.py at 2018-01-16 17:22:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.93 Mbit/s
95th percentile per-packet one-way delay: 12.591 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 92.93 Mbit/s
95th percentile per-packet one-way delay: 12.591 ms
Loss rate: 0.05%
```
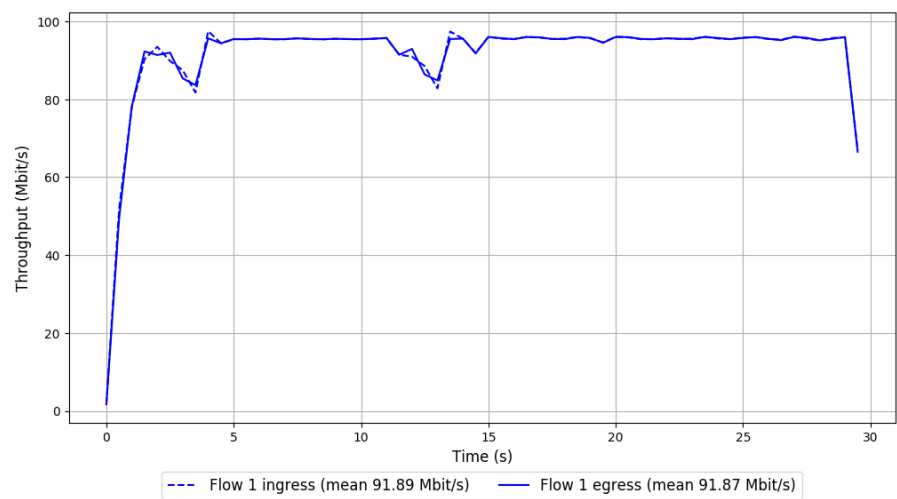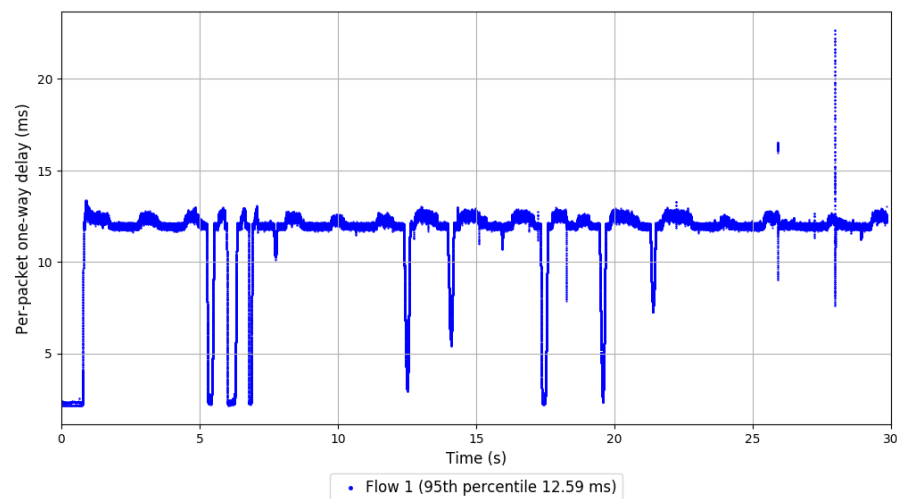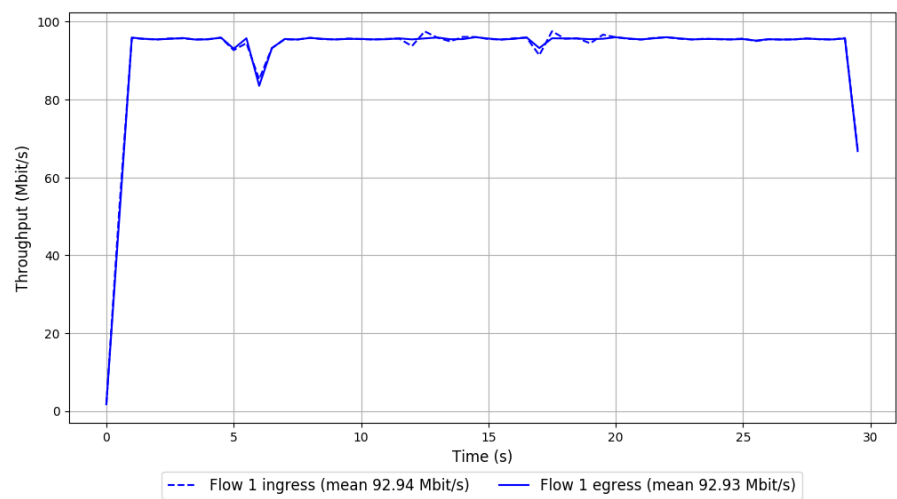
Run 7: Report of Vivace-loss — Data Link

Flow 1 ingress (mean 92.94 Mbit/s)   Flow 1 egress (mean 92.93 Mbit/s)

Flow 1 (95th percentile 12.59 ms)

```
Run 8: Statistics of Vivace-loss

Start at: 2018-01-16 12:37:32
End at: 2018-01-16 12:38:02
Local clock offset: -1.566 ms
Remote clock offset: 0.83 ms


# Below is generated by plot.py at 2018-01-16 17:23:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.07 Mbit/s
95th percentile per-packet one-way delay: 12.647 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 92.07 Mbit/s
95th percentile per-packet one-way delay: 12.647 ms
Loss rate: 0.05%
```
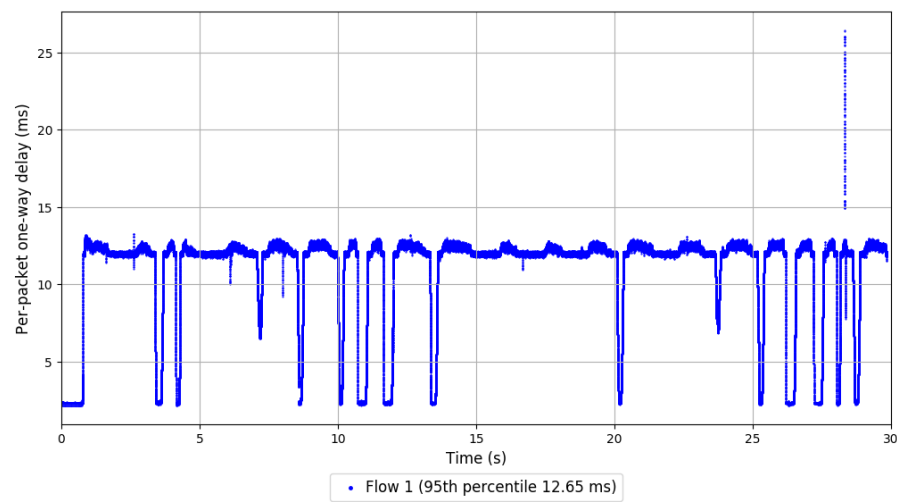
Run 8: Report of Vivace-loss — Data Link

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```
Run 9: Statistics of Vivace-loss

Start at: 2018-01-16 12:58:04
End at: 2018-01-16 12:58:34
Local clock offset: -1.876 ms
Remote clock offset: 0.766 ms


# Below is generated by plot.py at 2018-01-16 17:24:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.66 Mbit/s
95th percentile per-packet one-way delay: 12.674 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 92.66 Mbit/s
95th percentile per-packet one-way delay: 12.674 ms
Loss rate: 0.05%
```
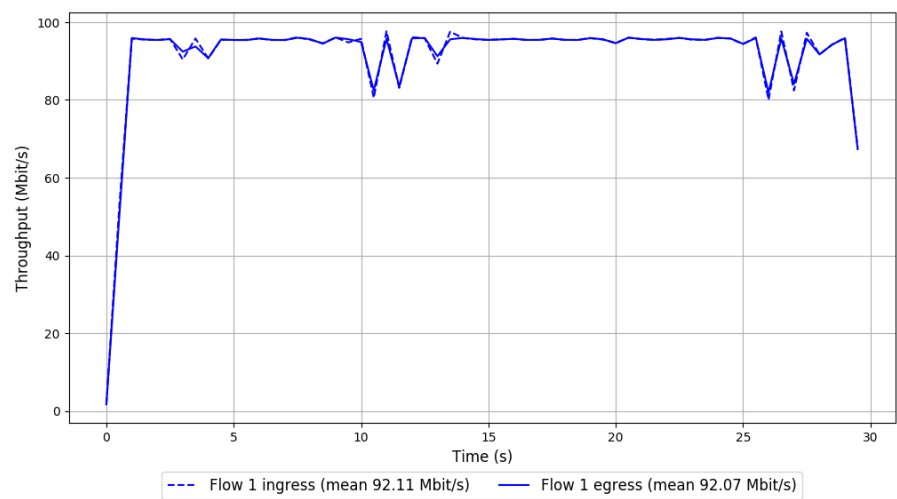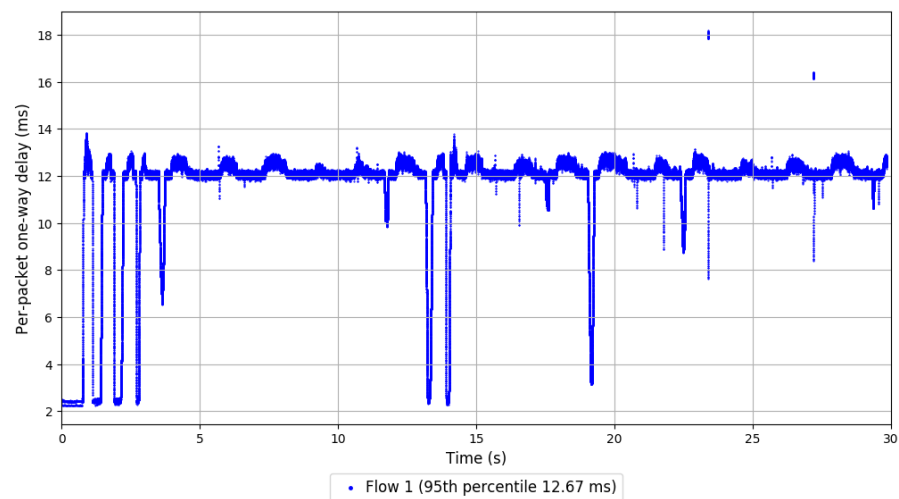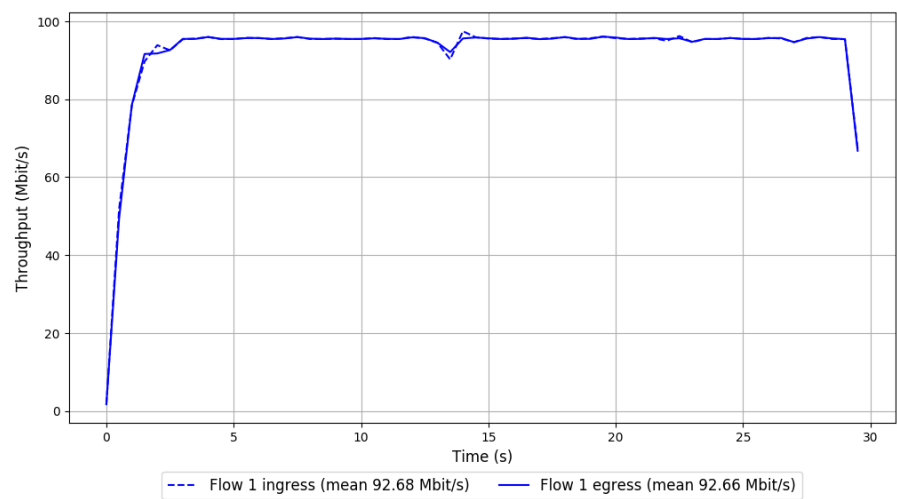
Run 9: Report of Vivace-loss — Data Link

Flow 1 ingress (mean 92.68 Mbit/s) --- Flow 1 egress (mean 92.66 Mbit/s)

Flow 1 (95th percentile 12.67 ms)

```
Run 10: Statistics of Vivace-loss

Start at: 2018-01-16 13:18:39
End at: 2018-01-16 13:19:09
Local clock offset: -2.529 ms
Remote clock offset: 0.474 ms


# Below is generated by plot.py at 2018-01-16 17:24:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.49 Mbit/s
95th percentile per-packet one-way delay: 12.772 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 91.49 Mbit/s
95th percentile per-packet one-way delay: 12.772 ms
Loss rate: 0.05%
```
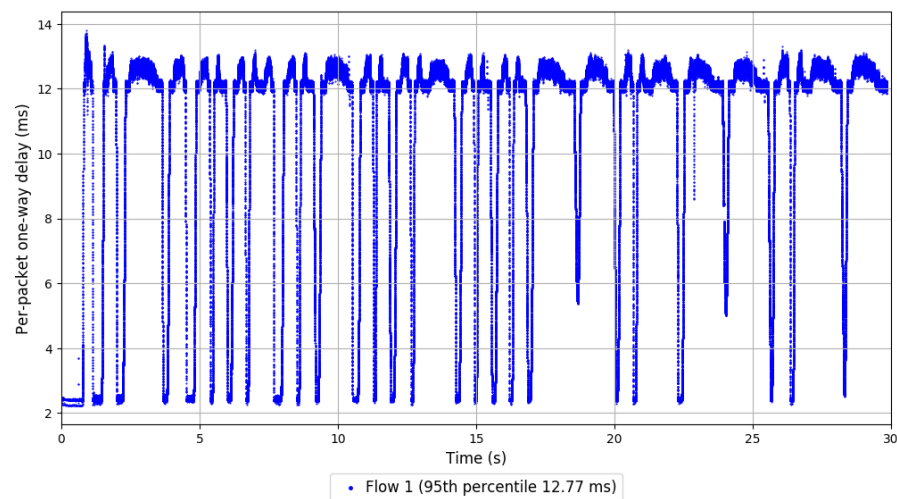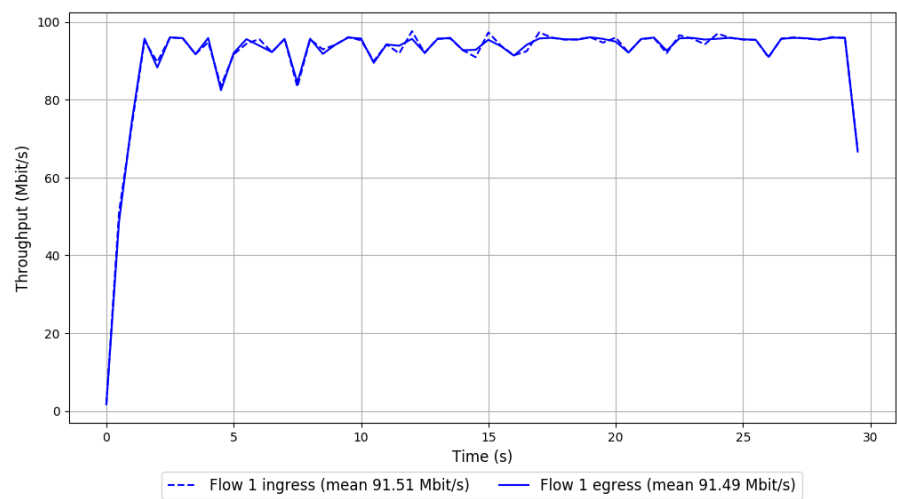
Run 10: Report of Vivace-loss — Data Link

Flow 1 ingress (mean 91.51 Mbit/s) --- Flow 1 egress (mean 91.49 Mbit/s)

• Flow 1 (95th percentile 12.77 ms)

```
Run 1: Statistics of Vivace-LTE

Start at: 2018-01-16 10:03:24
End at: 2018-01-16 10:03:54
Local clock offset: 0.18 ms
Remote clock offset: -1.25 ms


# Below is generated by plot.py at 2018-01-16 17:24:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.07 Mbit/s
95th percentile per-packet one-way delay: 2.661 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 90.07 Mbit/s
95th percentile per-packet one-way delay: 2.661 ms
Loss rate: 0.03%
```
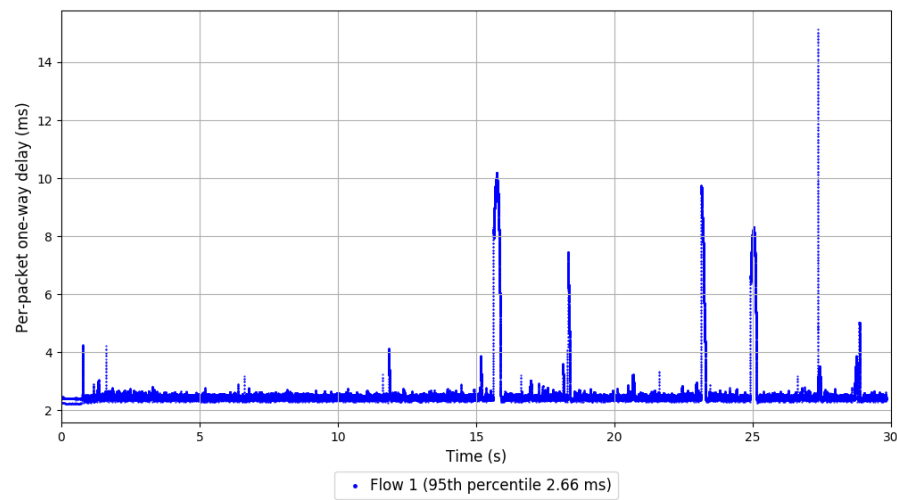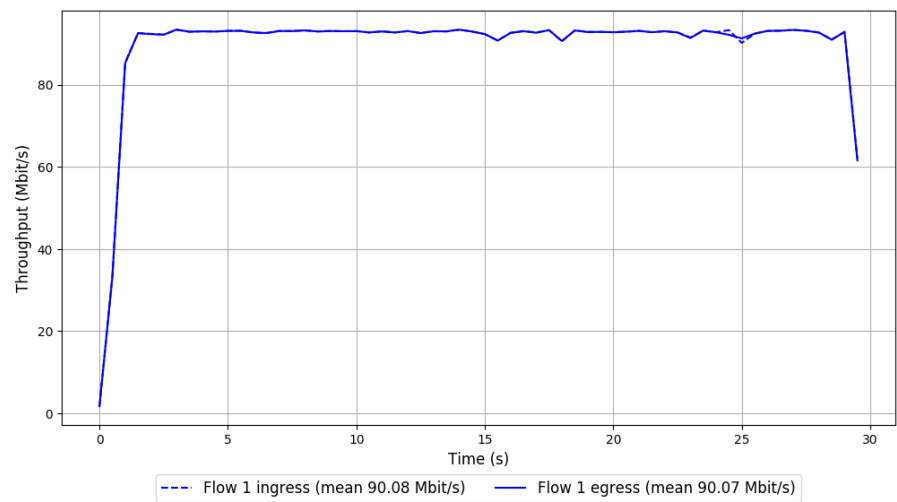
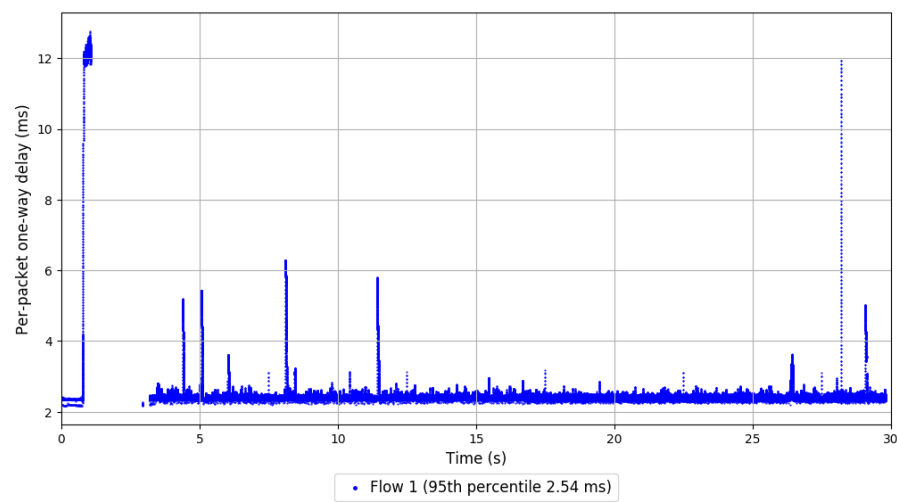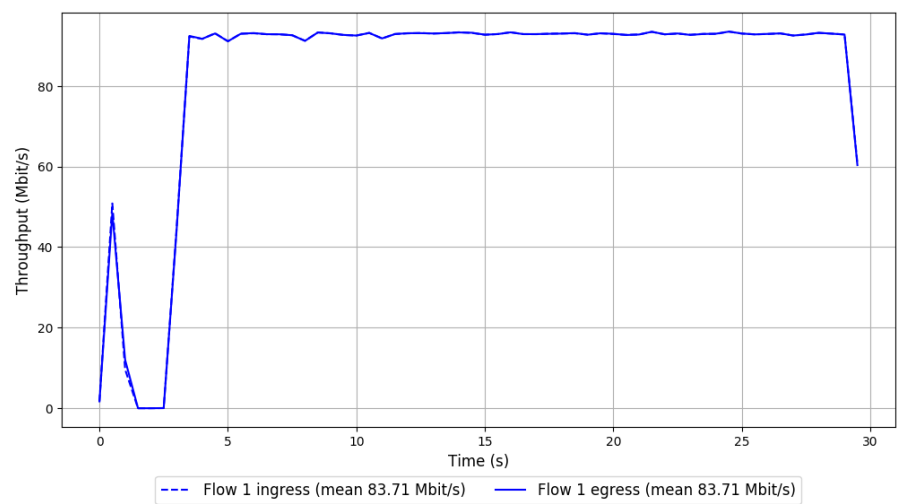# Run 1: Report of Vivace-LTE — Data Link

```
Run 2: Statistics of Vivace-LTE

Start at: 2018-01-16 10:23:58
End at: 2018-01-16 10:24:28
Local clock offset: -0.714 ms
Remote clock offset: -1.229 ms


# Below is generated by plot.py at 2018-01-16 17:24:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.71 Mbit/s
95th percentile per-packet one-way delay: 2.535 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 83.71 Mbit/s
95th percentile per-packet one-way delay: 2.535 ms
Loss rate: 0.02%
```

Run 2: Report of Vivace-LTE — Data Link

Flow 1 ingress (mean 83.71 Mbit/s)   Flow 1 egress (mean 83.71 Mbit/s)
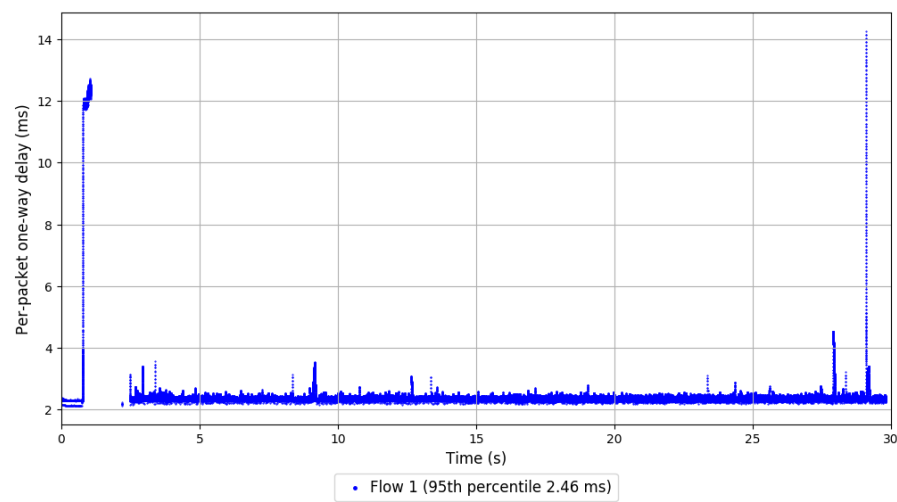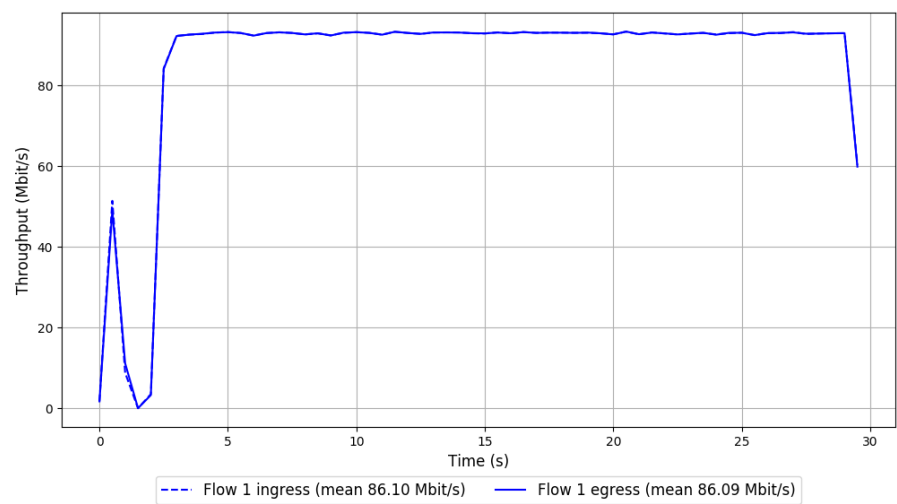

Flow 1 (95th percentile 2.54 ms)

```
Run 3: Statistics of Vivace-LTE

Start at: 2018-01-16 10:44:26
End at: 2018-01-16 10:44:56
Local clock offset: -1.012 ms
Remote clock offset: -0.927 ms


# Below is generated by plot.py at 2018-01-16 17:24:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.09 Mbit/s
95th percentile per-packet one-way delay: 2.461 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 86.09 Mbit/s
95th percentile per-packet one-way delay: 2.461 ms
Loss rate: 0.02%
```

Run 3: Report of Vivace-LTE — Data Link

Flow 1 ingress (mean 86.10 Mbit/s)   Flow 1 egress (mean 86.09 Mbit/s)
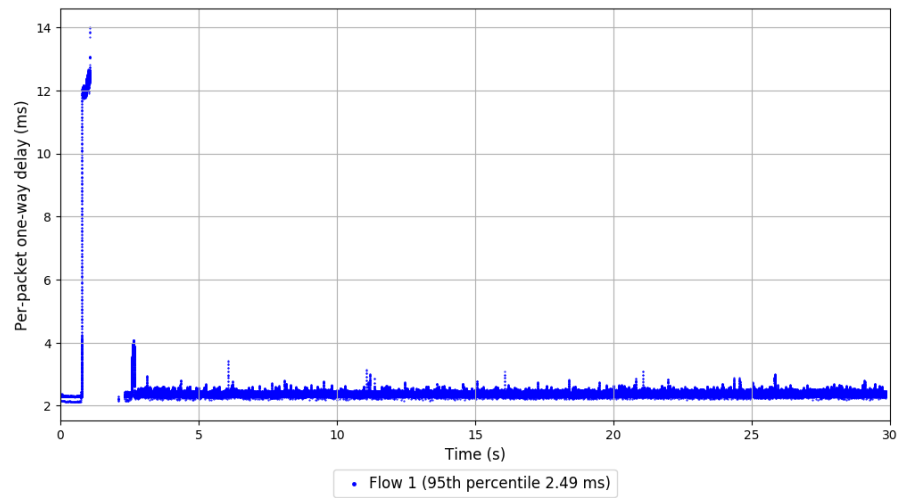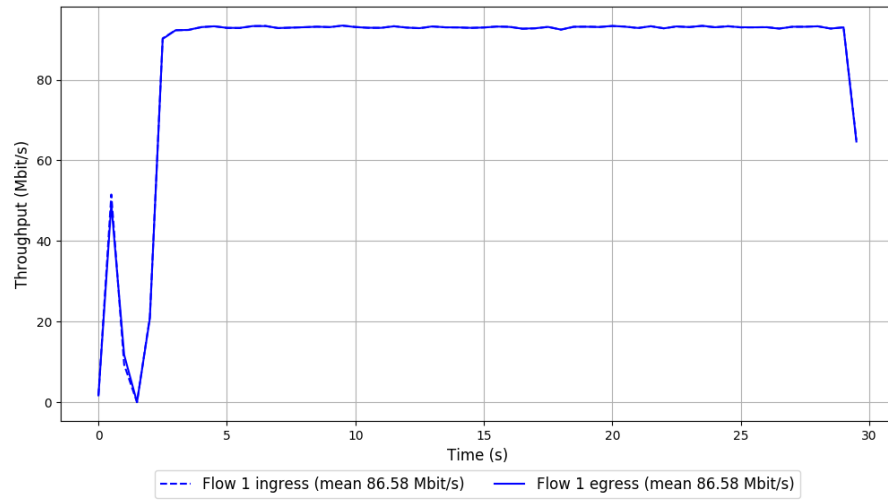

Flow 1 (95th percentile 2.46 ms)

```
Run 4: Statistics of Vivace-LTE

Start at: 2018-01-16 11:04:59
End at: 2018-01-16 11:05:29
Local clock offset: -1.183 ms
Remote clock offset: -0.205 ms


# Below is generated by plot.py at 2018-01-16 17:24:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.58 Mbit/s
95th percentile per-packet one-way delay: 2.486 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 86.58 Mbit/s
95th percentile per-packet one-way delay: 2.486 ms
Loss rate: 0.02%
```

Run 4: Report of Vivace-LTE — Data Link

```
Run 5: Statistics of Vivace-LTE

Start at: 2018-01-16 11:25:31
End at: 2018-01-16 11:26:01
Local clock offset: -1.672 ms
Remote clock offset: 0.425 ms


# Below is generated by plot.py at 2018-01-16 17:25:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.35 Mbit/s
95th percentile per-packet one-way delay: 2.606 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 86.35 Mbit/s
95th percentile per-packet one-way delay: 2.606 ms
Loss rate: 0.02%
```
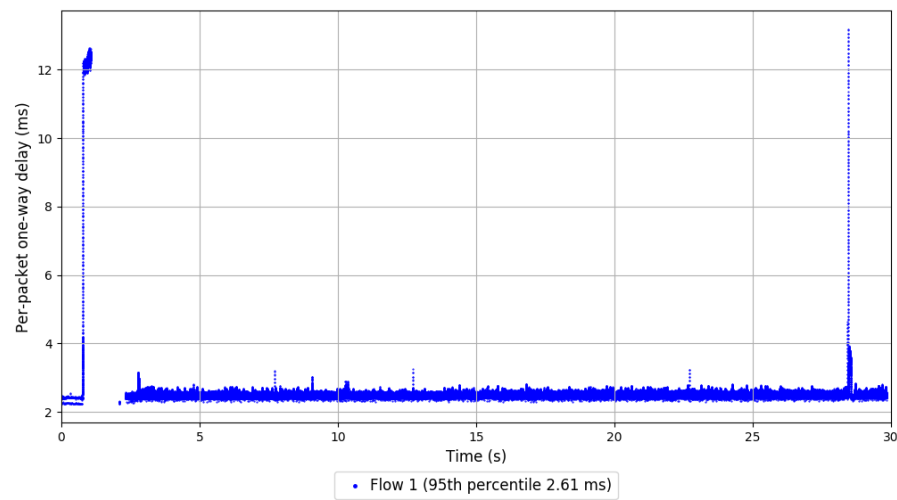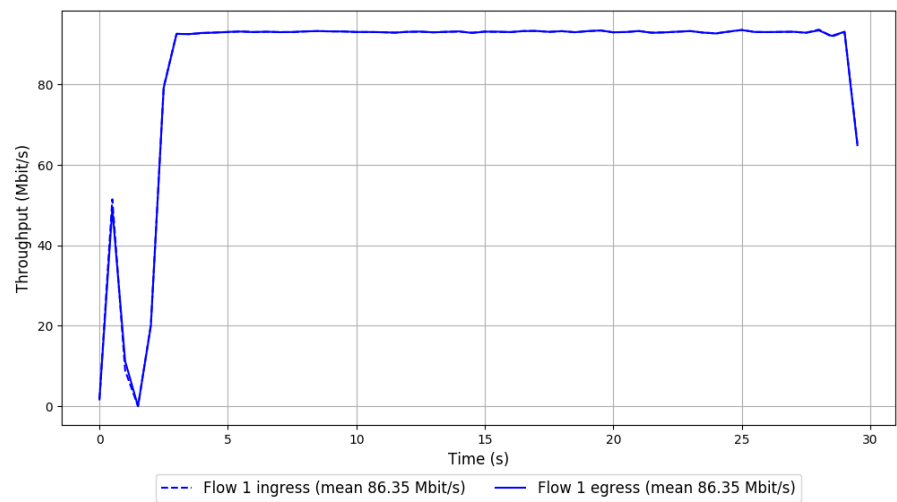
Run 5: Report of Vivace-LTE — Data Link

Flow 1 ingress (mean 86.35 Mbit/s) ----   Flow 1 egress (mean 86.35 Mbit/s) ——

Flow 1 (95th percentile 2.61 ms)

```
Run 6: Statistics of Vivace-LTE

Start at: 2018-01-16 11:46:06
End at: 2018-01-16 11:46:36
Local clock offset: -2.472 ms
Remote clock offset: 0.582 ms

# Below is generated by plot.py at 2018-01-16 17:25:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.80 Mbit/s
95th percentile per-packet one-way delay: 3.291 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 85.80 Mbit/s
95th percentile per-packet one-way delay: 3.291 ms
Loss rate: 0.02%
```
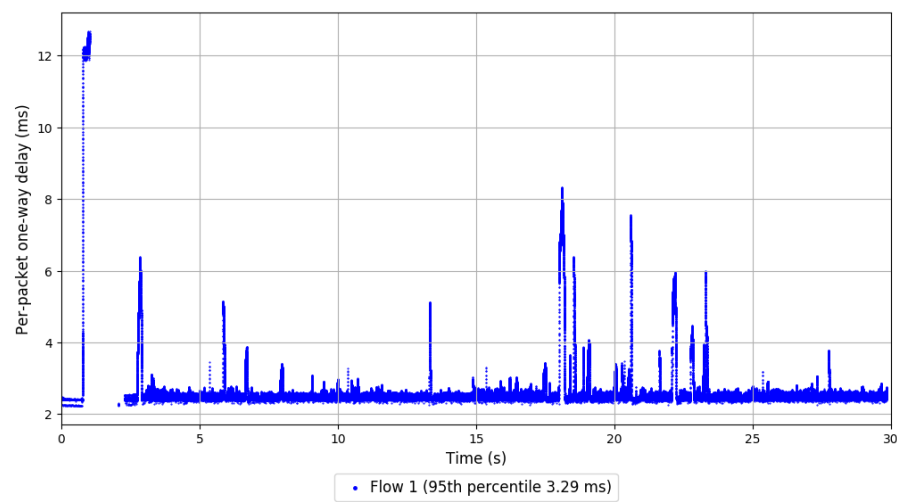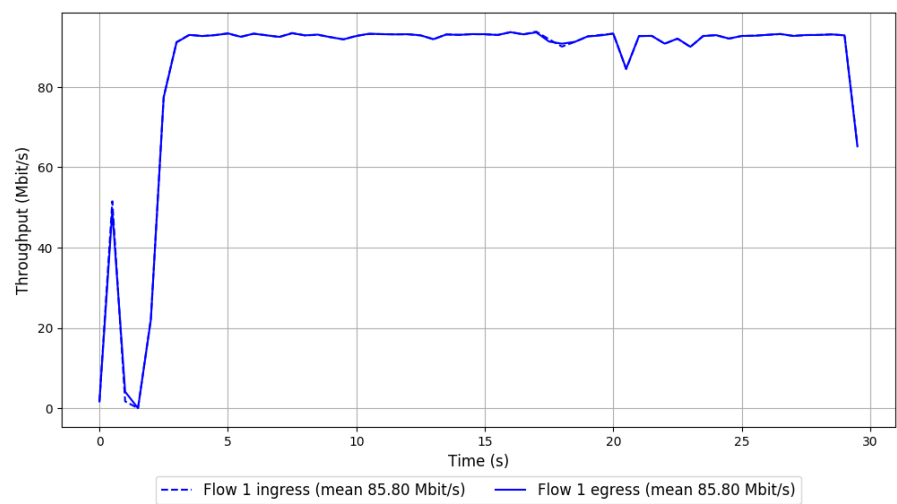
Run 6: Report of Vivace-LTE — Data Link

```
Run 7: Statistics of Vivace-LTE

Start at: 2018-01-16 12:06:39
End at: 2018-01-16 12:07:09
Local clock offset: -2.187 ms
Remote clock offset: 0.751 ms


# Below is generated by plot.py at 2018-01-16 17:26:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.31 Mbit/s
95th percentile per-packet one-way delay: 2.507 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 90.31 Mbit/s
95th percentile per-packet one-way delay: 2.507 ms
Loss rate: 0.02%
```
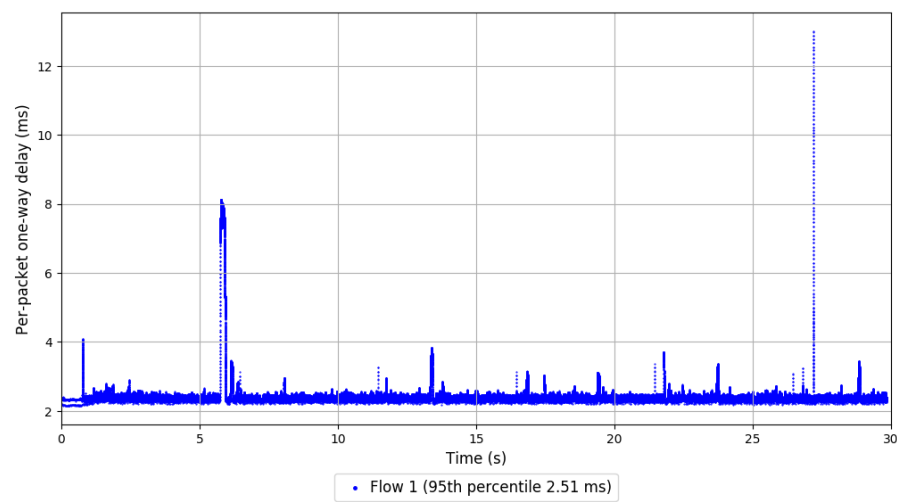
Run 7: Report of Vivace-LTE — Data Link

Flow 1 ingress (mean 90.31 Mbit/s) --- Flow 1 egress (mean 90.31 Mbit/s)

Flow 1 (95th percentile 2.51 ms)

```
Run 8: Statistics of Vivace-LTE

Start at: 2018-01-16 12:27:13
End at: 2018-01-16 12:27:43
Local clock offset: -1.724 ms
Remote clock offset: 0.749 ms


# Below is generated by plot.py at 2018-01-16 17:26:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.32 Mbit/s
95th percentile per-packet one-way delay: 2.540 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 86.32 Mbit/s
95th percentile per-packet one-way delay: 2.540 ms
Loss rate: 0.02%
```
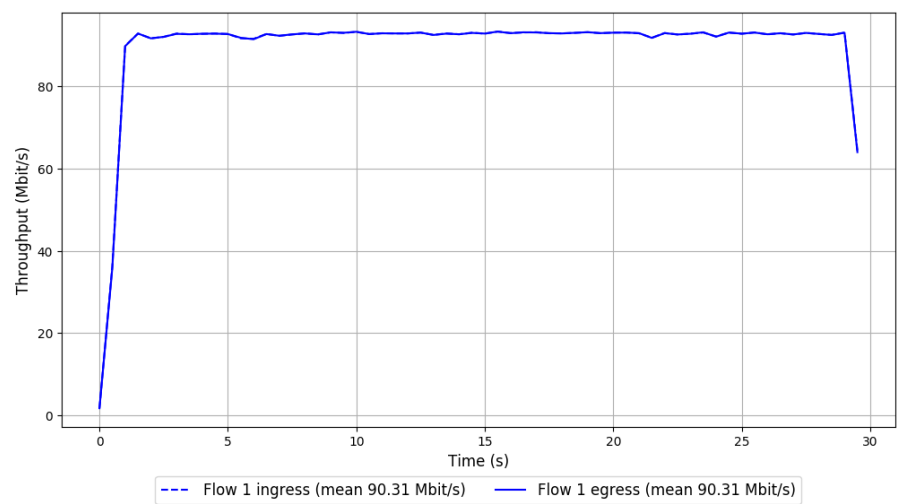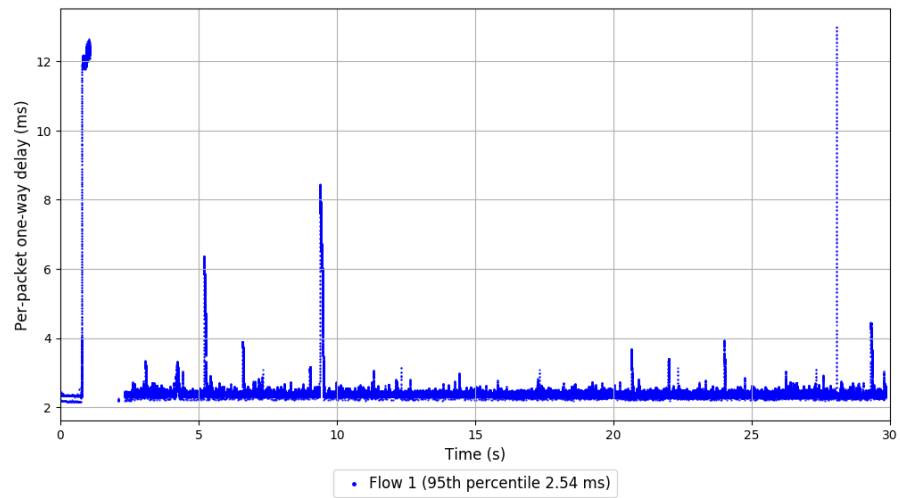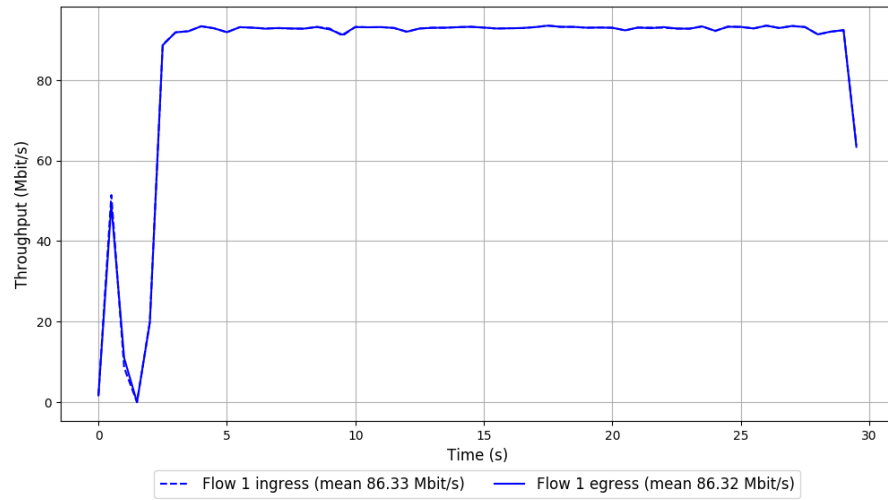
Run 8: Report of Vivace-LTE — Data Link

Flow 1 ingress (mean 86.33 Mbit/s)   Flow 1 egress (mean 86.32 Mbit/s)
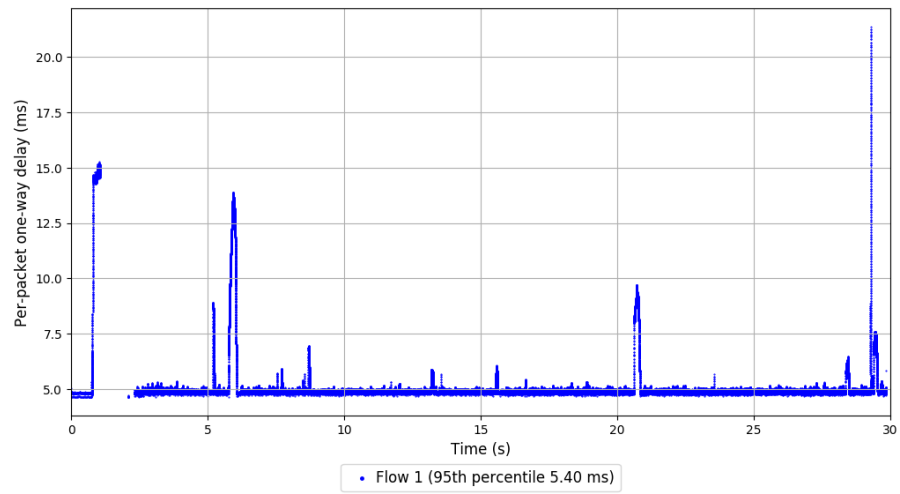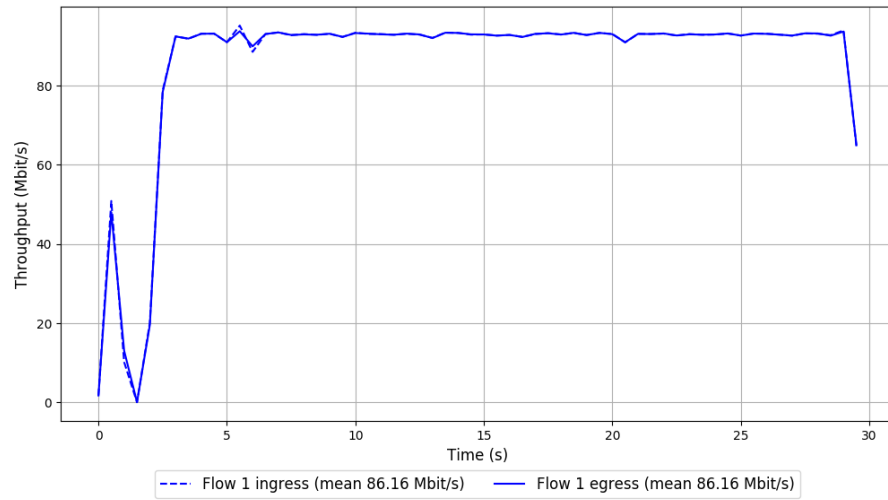

Flow 1 (95th percentile 2.54 ms)

```
Run 9: Statistics of Vivace-LTE

Start at: 2018-01-16 12:47:47
End at: 2018-01-16 12:48:17
Local clock offset: -1.63 ms
Remote clock offset: -1.623 ms


# Below is generated by plot.py at 2018-01-16 17:26:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.16 Mbit/s
95th percentile per-packet one-way delay: 5.403 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 86.16 Mbit/s
95th percentile per-packet one-way delay: 5.403 ms
Loss rate: 0.02%
```

Run 9: Report of Vivace-LTE — Data Link

Flow 1 ingress (mean 86.16 Mbit/s)   Flow 1 egress (mean 86.16 Mbit/s)

Flow 1 (95th percentile 5.40 ms)

```
Run 10: Statistics of Vivace-LTE

Start at: 2018-01-16 13:08:19
End at: 2018-01-16 13:08:49
Local clock offset: -2.253 ms
Remote clock offset: 0.659 ms


# Below is generated by plot.py at 2018-01-16 17:26:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.18 Mbit/s
95th percentile per-packet one-way delay: 2.597 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 90.18 Mbit/s
95th percentile per-packet one-way delay: 2.597 ms
Loss rate: 0.02%
```

Run 10: Report of Vivace-LTE — Data Link