Pantheon Report

Generated at 2018-06-05 07:42:41 (UTC).

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

Repeated the test of 16 congestion control schemes 10 times.

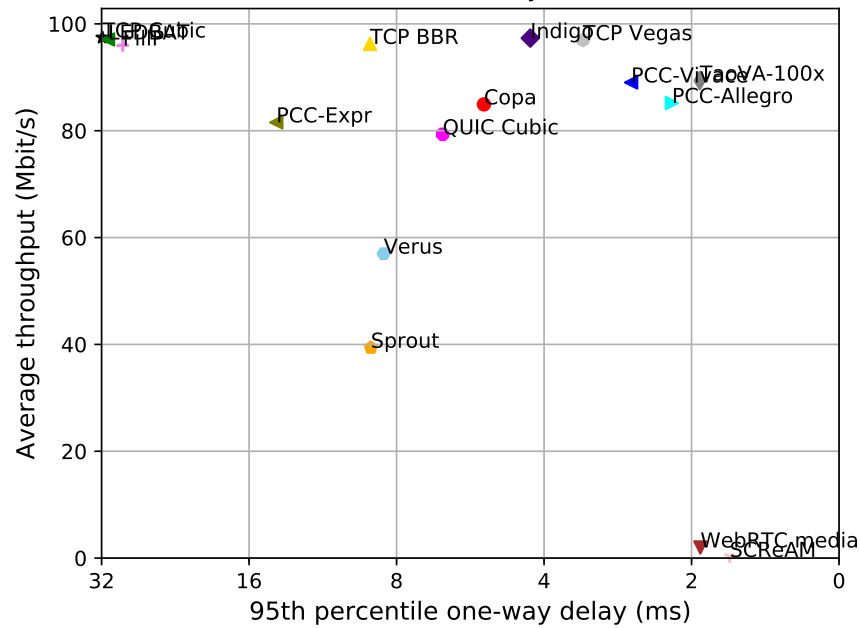Each test lasted for 30 seconds running 1 flow.

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

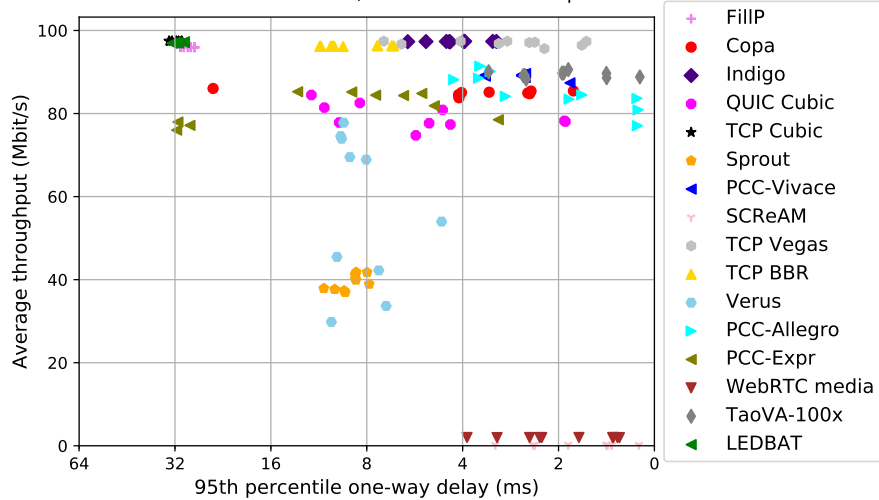NTP offsets were measured against `gps.ntp.br` and have been applied to correct the timestamps in logs.

```
Git summary:
branch: master @ 227fdf9a3757f17b88537cceed5743a33037a3d2
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/genericCC @ c7966e494a929986eaa5a9c169a7f381fe1bbbe5
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
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/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
 M src/ScreamClient
 M src/ScreamServer
third_party/sprout @ c838669682f0c19f6baf92afc9a596a406d48c1f
 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 @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

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

test from AWS Brazil 1 to Brazil, 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	96.25	9.06	0.00
Copa	10	84.93	5.31	0.00
TCP Cubic	10	97.44	31.89	0.01
FillP	10	95.96	28.97	4.03
Indigo	10	97.34	4.27	0.00
LEDBAT	10	97.08	31.05	0.01
PCC-Allegro	10	85.19	2.19	0.00
PCC-Expr	10	81.56	14.08	0.26
QUIC Cubic	10	79.33	6.44	0.29
SCReAM	10	0.22	1.48	0.00
Sprout	10	39.37	9.03	0.00
TaoVA-100x	10	89.38	1.89	0.00
TCP Vegas	10	96.95	3.33	0.00
Verus	10	56.99	8.50	1.31
PCC-Vivace	10	89.03	2.66	0.00
WebRTC media	10	1.98	1.88	0.00

```
Run 1: Statistics of TCP BBR

Start at: 2018-06-05 04:34:54
End at: 2018-06-05 04:35:24
Local clock offset: -5.139 ms
Remote clock offset: -1.762 ms


# Below is generated by plot.py at 2018-06-05 07:21:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 6.581 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 6.581 ms
Loss rate: 0.00%
```
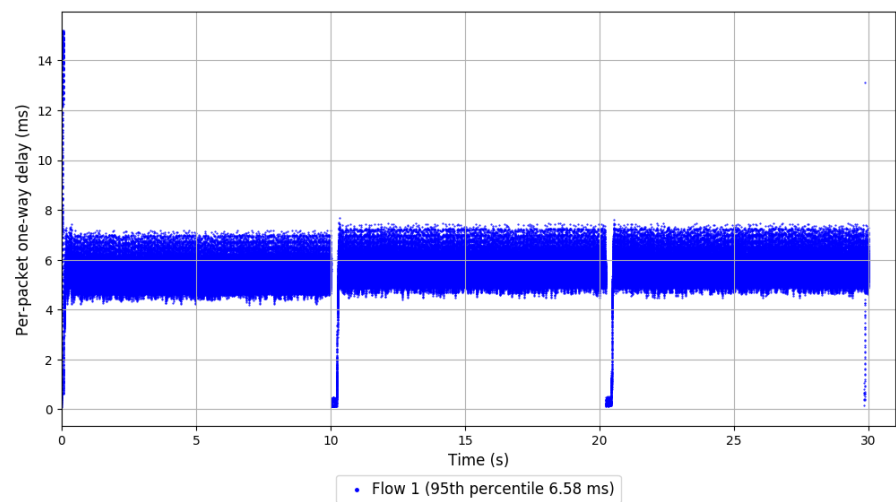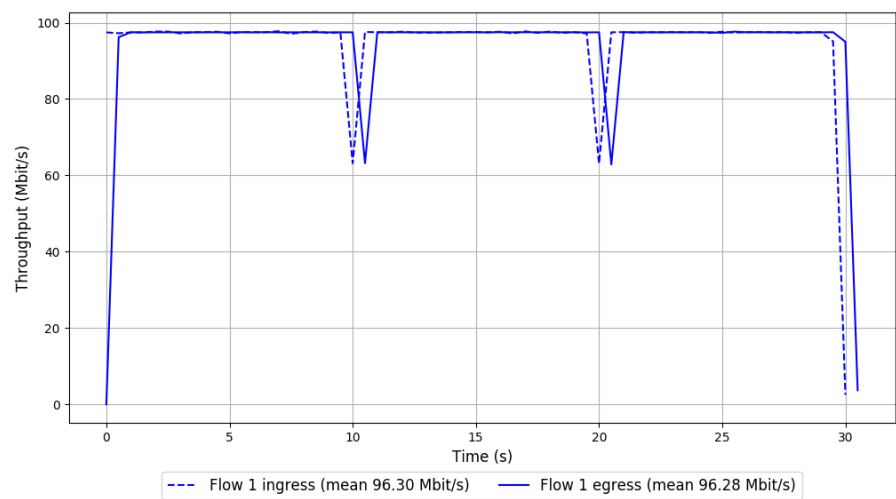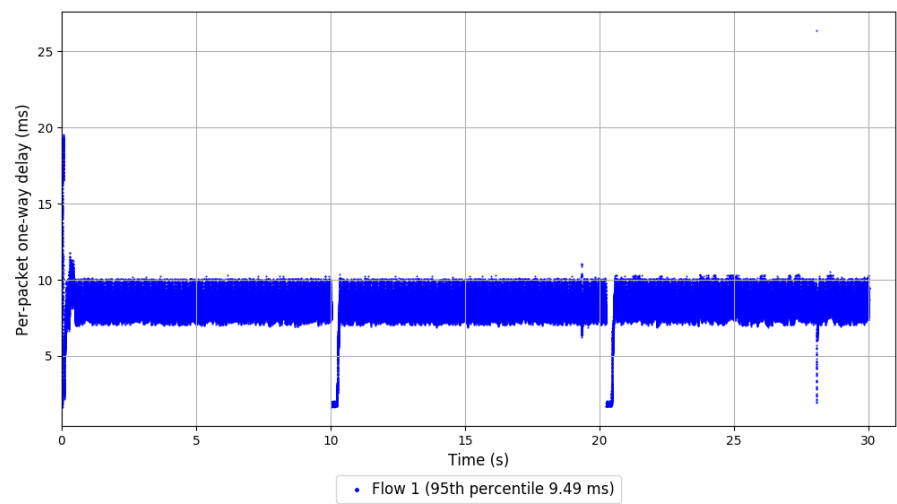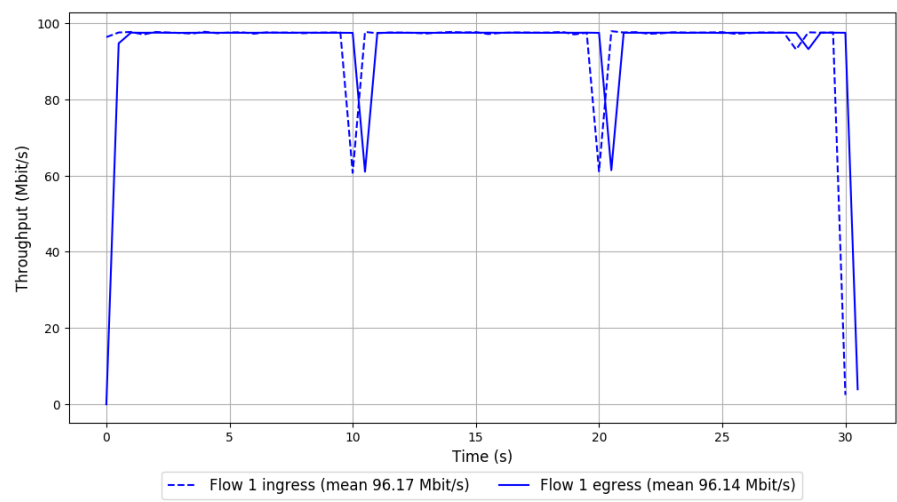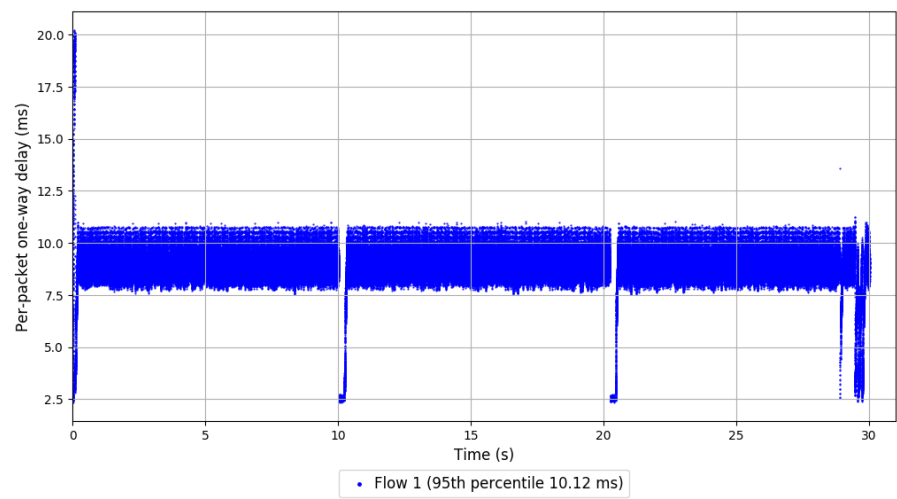
Run 1: Report of TCP BBR — Data Link

```
Run 2: Statistics of TCP BBR

Start at: 2018-06-05 04:52:47
End at: 2018-06-05 04:53:17
Local clock offset: -5.007 ms
Remote clock offset: -2.025 ms


# Below is generated by plot.py at 2018-06-05 07:21:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.14 Mbit/s
95th percentile per-packet one-way delay: 9.490 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.14 Mbit/s
95th percentile per-packet one-way delay: 9.490 ms
Loss rate: 0.00%
```
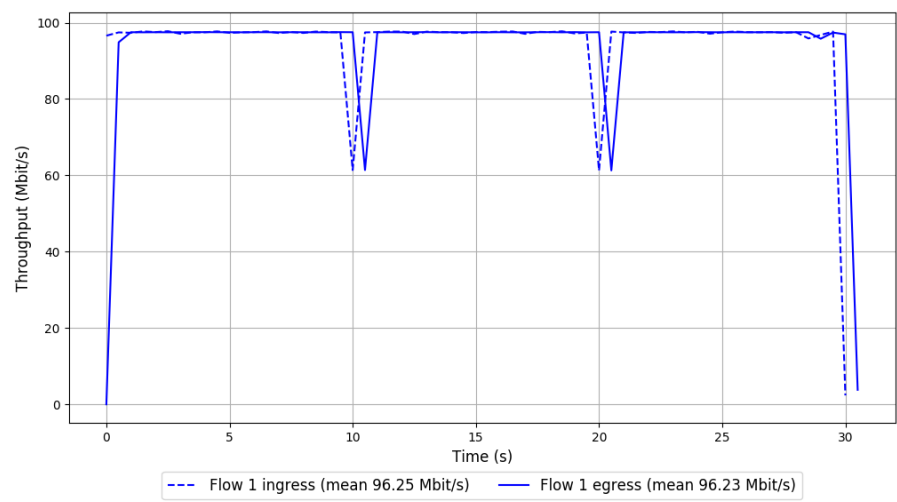
Run 2: Report of TCP BBR — Data Link

```
Run 3: Statistics of TCP BBR

Start at: 2018-06-05 05:10:42
End at: 2018-06-05 05:11:12
Local clock offset: -5.722 ms
Remote clock offset: -1.956 ms


# Below is generated by plot.py at 2018-06-05 07:21:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.23 Mbit/s
95th percentile per-packet one-way delay: 10.125 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 96.23 Mbit/s
95th percentile per-packet one-way delay: 10.125 ms
Loss rate: 0.01%
```

Run 3: Report of TCP BBR — Data Link

Flow 1 ingress (mean 96.25 Mbit/s) — — — Flow 1 egress (mean 96.23 Mbit/s)
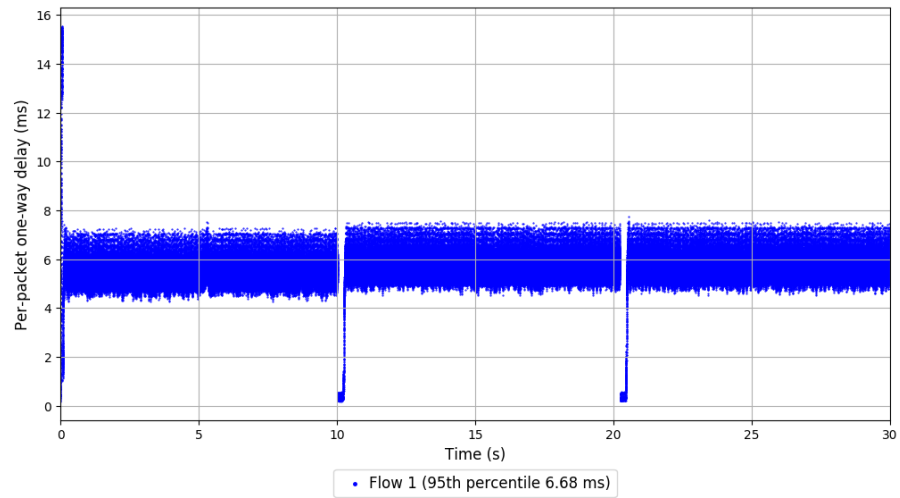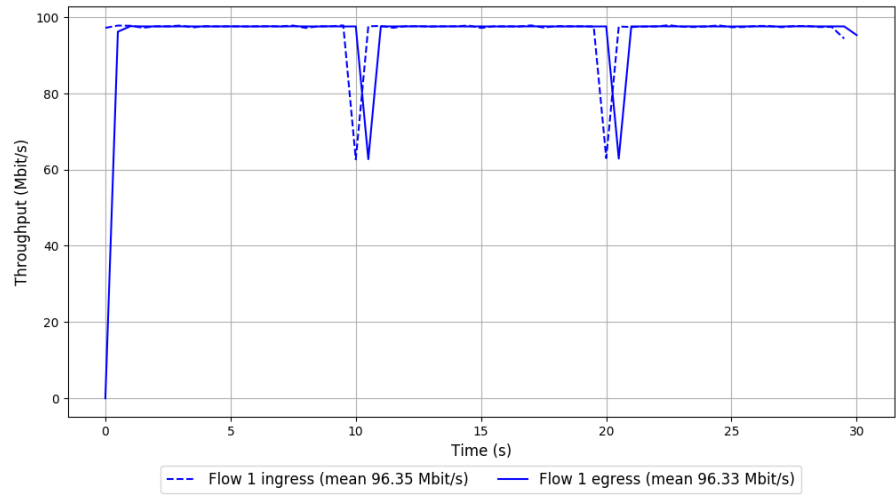

• Flow 1 (95th percentile 10.12 ms)

```
Run 4: Statistics of TCP BBR

Start at: 2018-06-05 05:28:37
End at: 2018-06-05 05:29:07
Local clock offset: -5.046 ms
Remote clock offset: -1.852 ms


# Below is generated by plot.py at 2018-06-05 07:21:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.33 Mbit/s
95th percentile per-packet one-way delay: 6.685 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.33 Mbit/s
95th percentile per-packet one-way delay: 6.685 ms
Loss rate: 0.00%
```

Run 4: Report of TCP BBR — Data Link

Flow 1 ingress (mean 96.35 Mbit/s) —— Flow 1 egress (mean 96.33 Mbit/s)
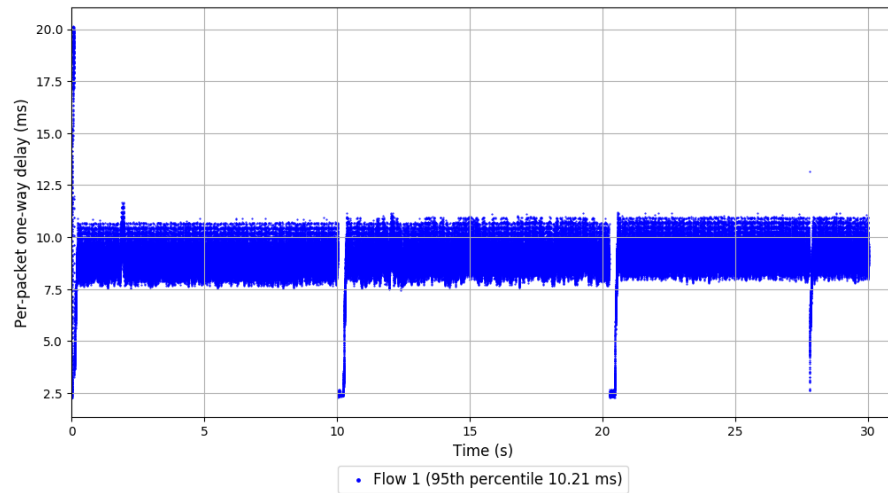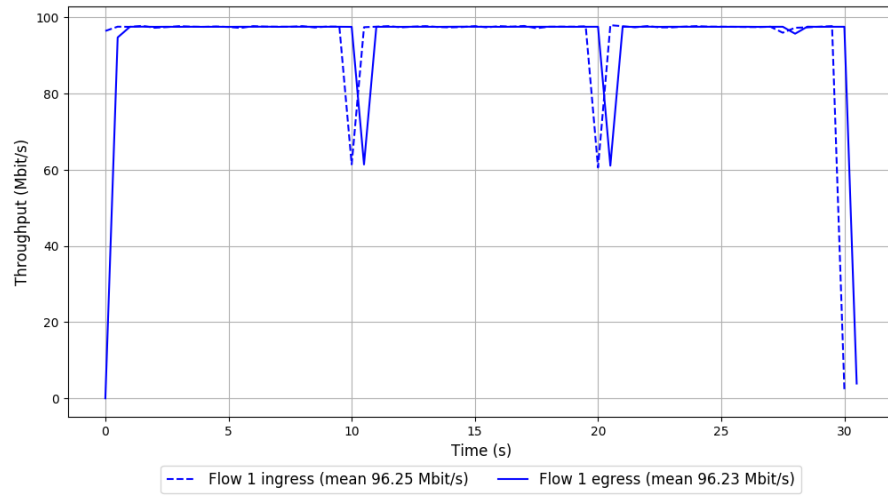

• Flow 1 (95th percentile 6.68 ms)

11

```
Run 5: Statistics of TCP BBR

Start at: 2018-06-05 05:46:31
End at: 2018-06-05 05:47:01
Local clock offset: -5.845 ms
Remote clock offset: -2.483 ms


# Below is generated by plot.py at 2018-06-05 07:21:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.23 Mbit/s
95th percentile per-packet one-way delay: 10.215 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.23 Mbit/s
95th percentile per-packet one-way delay: 10.215 ms
Loss rate: 0.00%
```
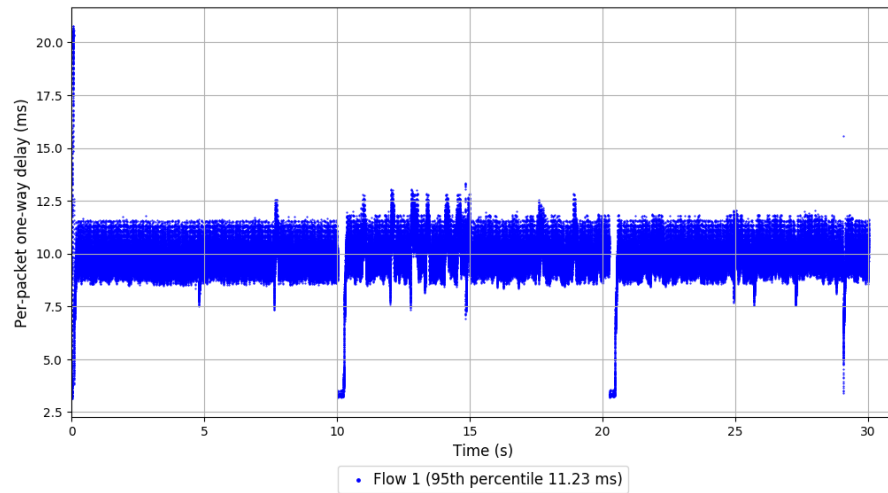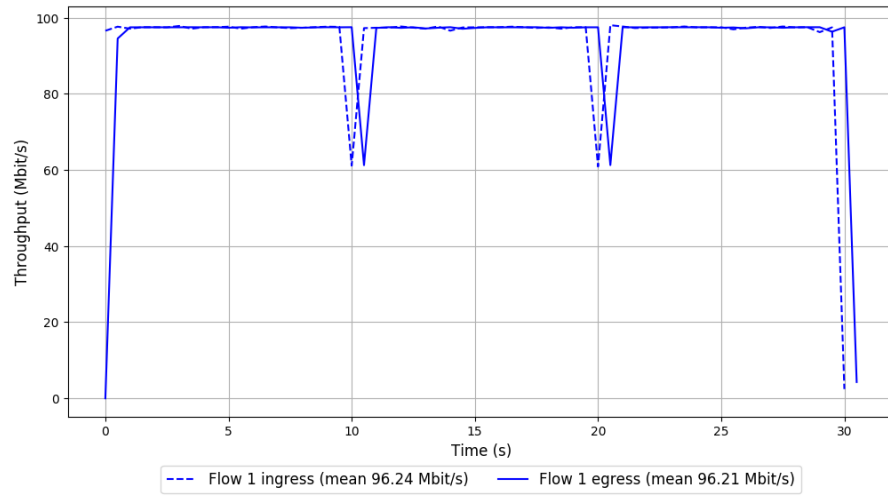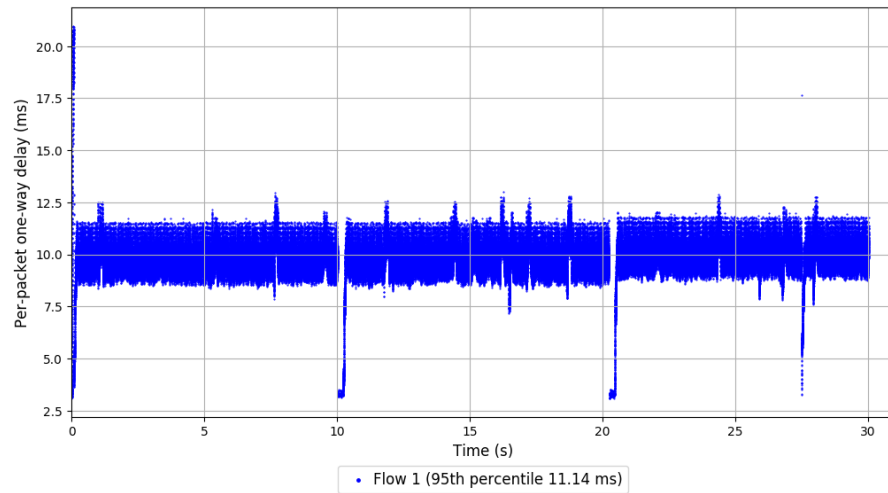
Run 5: Report of TCP BBR — Data Link

Flow 1 ingress (mean 96.25 Mbit/s)   Flow 1 egress (mean 96.23 Mbit/s)

Flow 1 (95th percentile 10.21 ms)

13

```
Run 6: Statistics of TCP BBR

Start at: 2018-06-05 06:04:26
End at: 2018-06-05 06:04:56
Local clock offset: -6.714 ms
Remote clock offset: -2.946 ms


# Below is generated by plot.py at 2018-06-05 07:21:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.21 Mbit/s
95th percentile per-packet one-way delay: 11.230 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.21 Mbit/s
95th percentile per-packet one-way delay: 11.230 ms
Loss rate: 0.00%
```
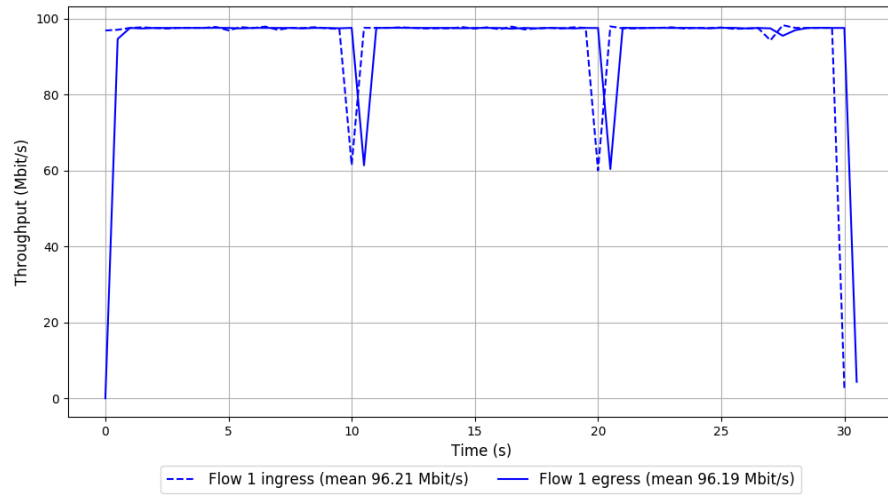
Run 6: Report of TCP BBR — Data Link

```
Run 7: Statistics of TCP BBR

Start at: 2018-06-05 06:22:19
End at: 2018-06-05 06:22:49
Local clock offset: -6.277 ms
Remote clock offset: -3.101 ms


# Below is generated by plot.py at 2018-06-05 07:21:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.19 Mbit/s
95th percentile per-packet one-way delay: 11.144 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.19 Mbit/s
95th percentile per-packet one-way delay: 11.144 ms
Loss rate: 0.00%
```
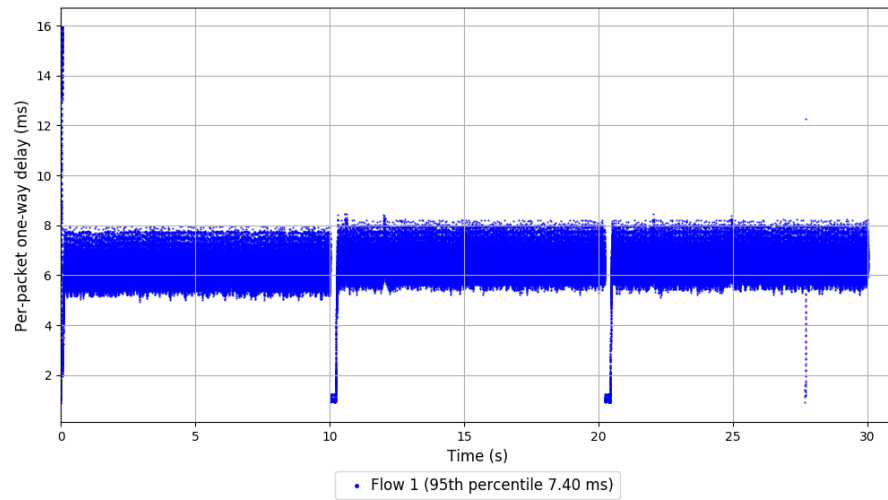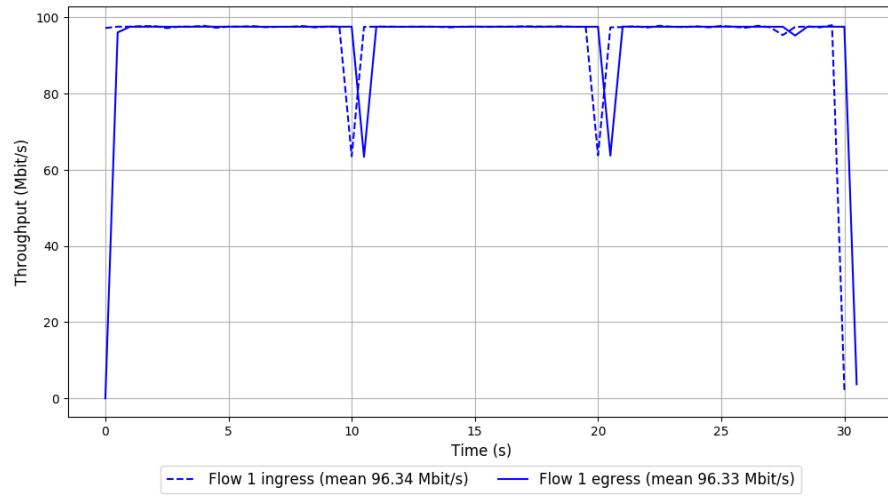
Run 7: Report of TCP BBR — Data Link

Flow 1 ingress (mean 96.21 Mbit/s)   Flow 1 egress (mean 96.19 Mbit/s)

Flow 1 (95th percentile 11.14 ms)

```
Run 8: Statistics of TCP BBR

Start at: 2018-06-05 06:40:14
End at: 2018-06-05 06:40:44
Local clock offset: -5.43 ms
Remote clock offset: -3.285 ms


# Below is generated by plot.py at 2018-06-05 07:21:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.33 Mbit/s
95th percentile per-packet one-way delay: 7.398 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.33 Mbit/s
95th percentile per-packet one-way delay: 7.398 ms
Loss rate: 0.00%
```

Run 8: Report of TCP BBR — Data Link

Flow 1 ingress (mean 96.34 Mbit/s) ---- Flow 1 egress (mean 96.33 Mbit/s) ——
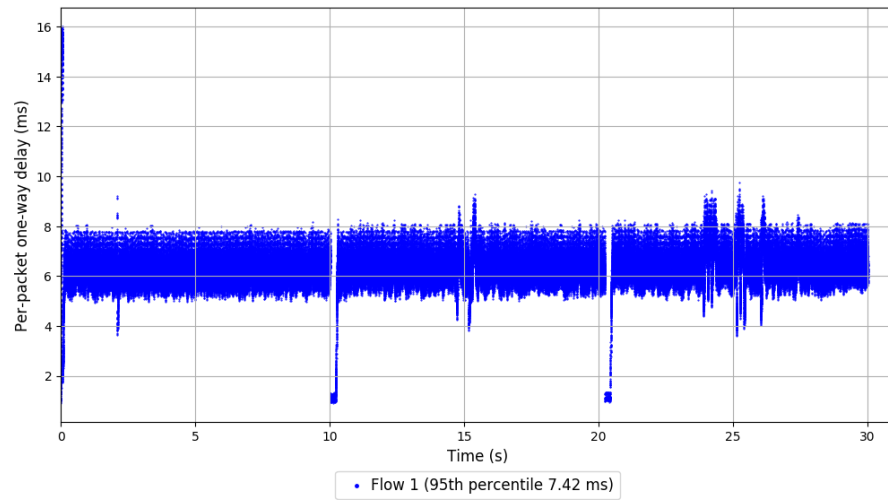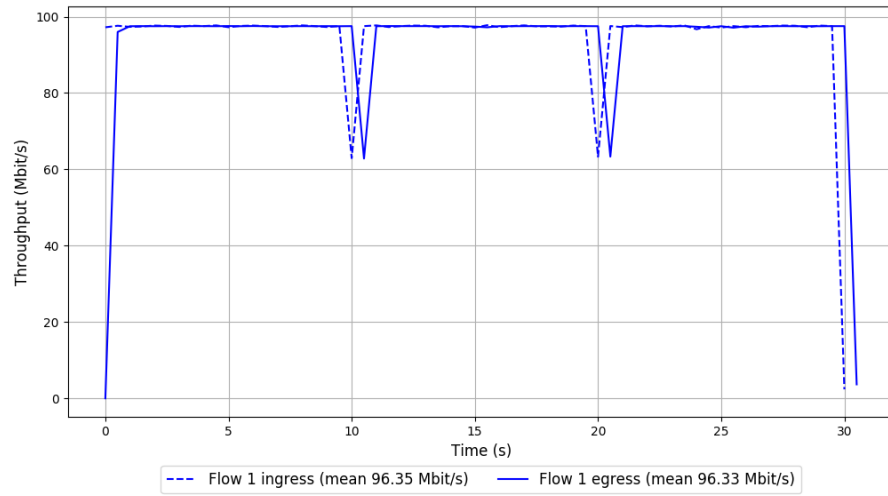

Flow 1 (95th percentile 7.40 ms)

```
Run 9: Statistics of TCP BBR

Start at: 2018-06-05 06:58:07
End at: 2018-06-05 06:58:37
Local clock offset: -5.387 ms
Remote clock offset: -6.241 ms


# Below is generated by plot.py at 2018-06-05 07:22:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.33 Mbit/s
95th percentile per-packet one-way delay: 7.415 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.33 Mbit/s
95th percentile per-packet one-way delay: 7.415 ms
Loss rate: 0.00%
```
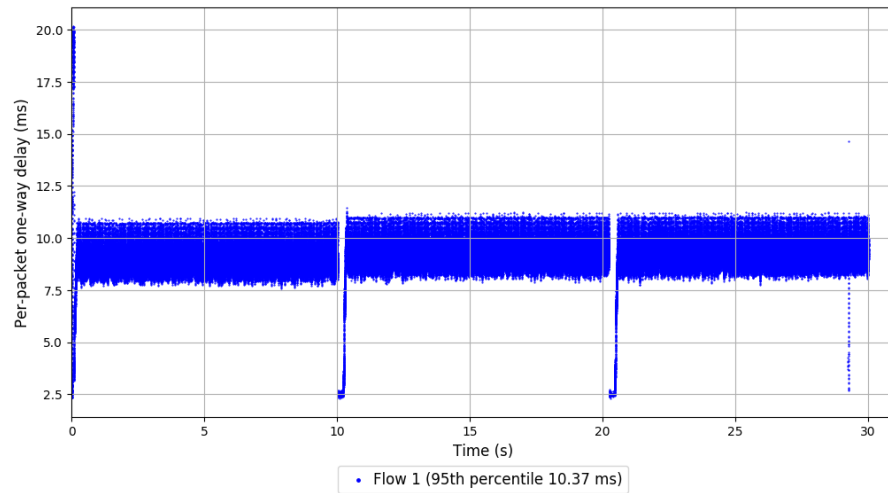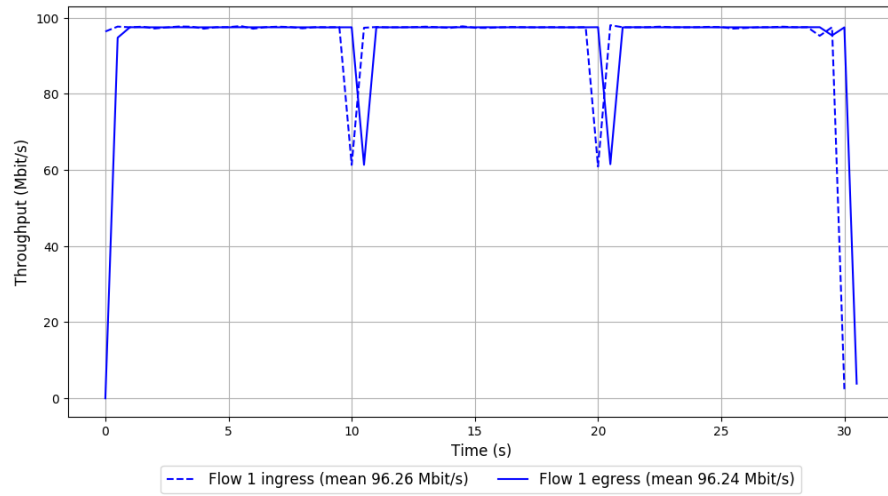
Run 9: Report of TCP BBR — Data Link

Flow 1 ingress (mean 96.35 Mbit/s) --- Flow 1 egress (mean 96.33 Mbit/s)

Flow 1 (95th percentile 7.42 ms)

```
Run 10: Statistics of TCP BBR

Start at: 2018-06-05 07:16:02
End at: 2018-06-05 07:16:32
Local clock offset: -5.664 ms
Remote clock offset: -8.27 ms


# Below is generated by plot.py at 2018-06-05 07:22:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.24 Mbit/s
95th percentile per-packet one-way delay: 10.366 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 96.24 Mbit/s
95th percentile per-packet one-way delay: 10.366 ms
Loss rate: 0.01%
```
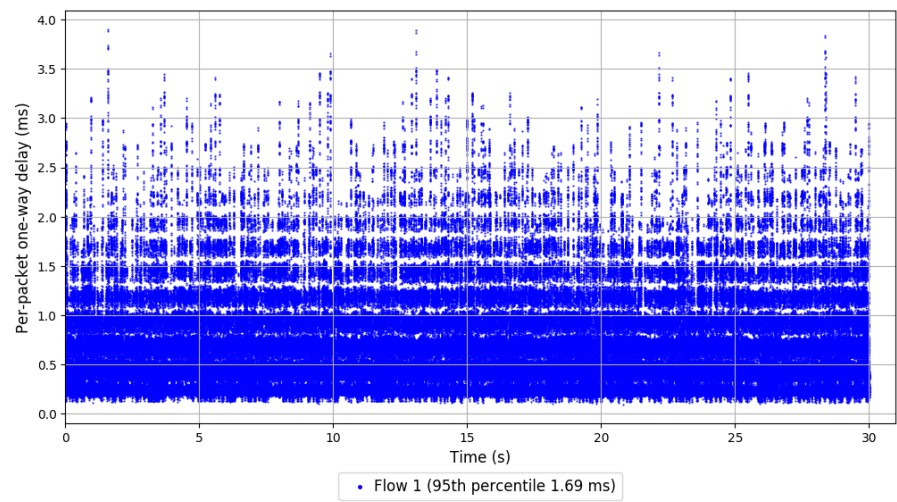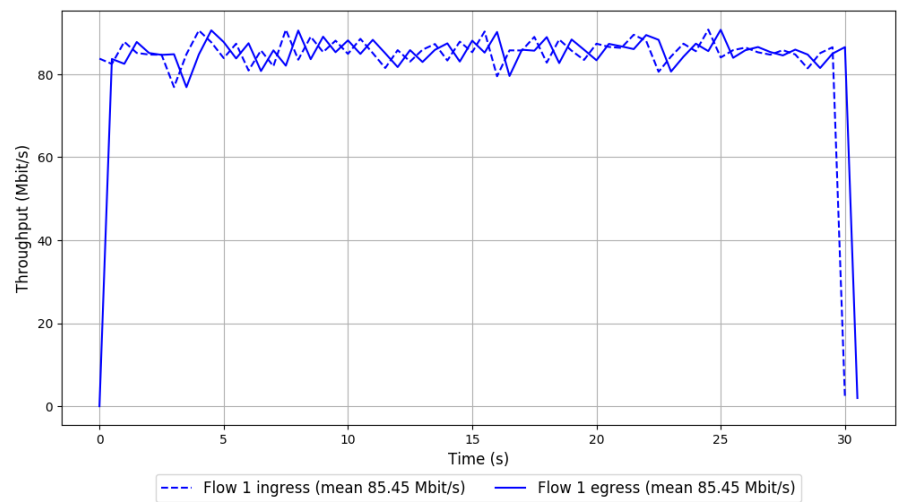
Run 10: Report of TCP BBR — Data Link

Flow 1 ingress (mean 96.26 Mbit/s) — Flow 1 egress (mean 96.24 Mbit/s)
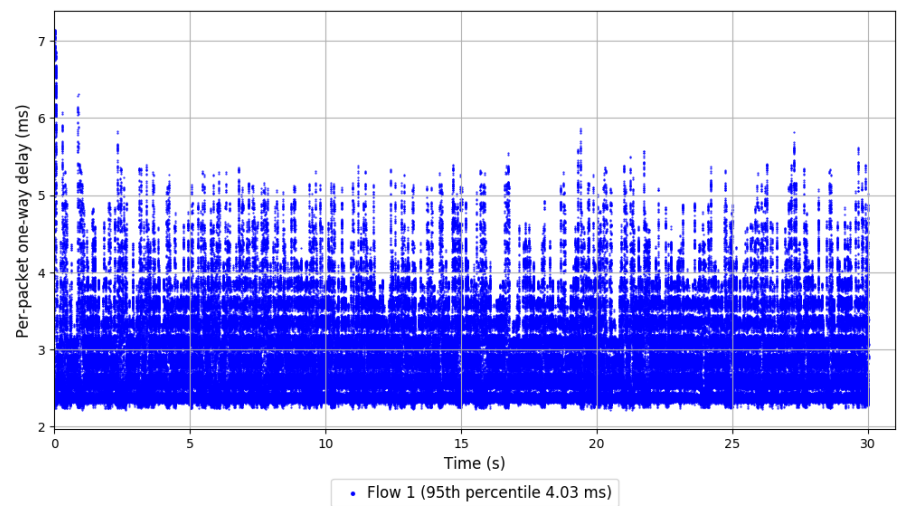

Flow 1 (95th percentile 10.37 ms)

```
Run 1: Statistics of Copa

Start at: 2018-06-05 04:29:12
End at: 2018-06-05 04:29:42
Local clock offset: -5.189 ms
Remote clock offset: -1.54 ms


# Below is generated by plot.py at 2018-06-05 07:22:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.45 Mbit/s
95th percentile per-packet one-way delay: 1.690 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 85.45 Mbit/s
95th percentile per-packet one-way delay: 1.690 ms
Loss rate: 0.00%
```

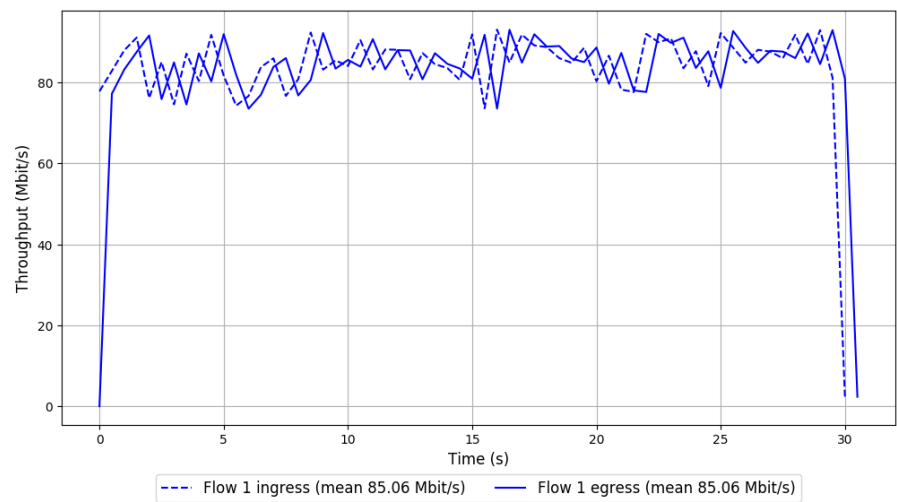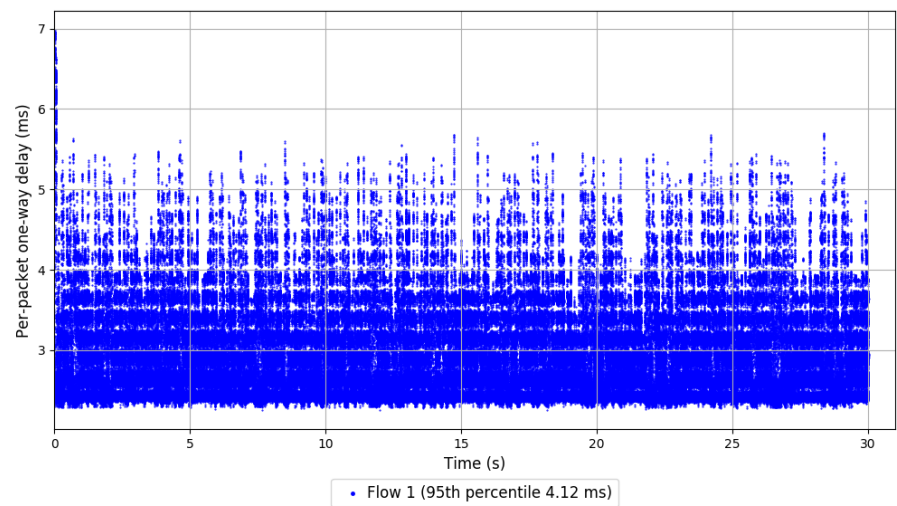Run 1: Report of Copa — Data Link

```
Run 2: Statistics of Copa

Start at: 2018-06-05 04:47:05
End at: 2018-06-05 04:47:35
Local clock offset: -5.743 ms
Remote clock offset: -2.075 ms


# Below is generated by plot.py at 2018-06-05 07:22:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.06 Mbit/s
95th percentile per-packet one-way delay: 4.033 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 85.06 Mbit/s
95th percentile per-packet one-way delay: 4.033 ms
Loss rate: 0.00%
```

Run 2: Report of Copa — Data Link

Flow 1 ingress (mean 85.06 Mbit/s)   Flow 1 egress (mean 85.06 Mbit/s)

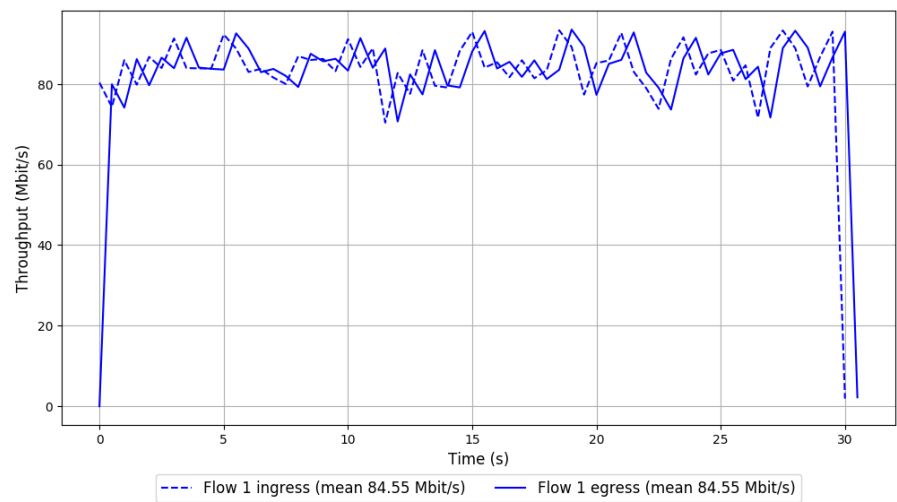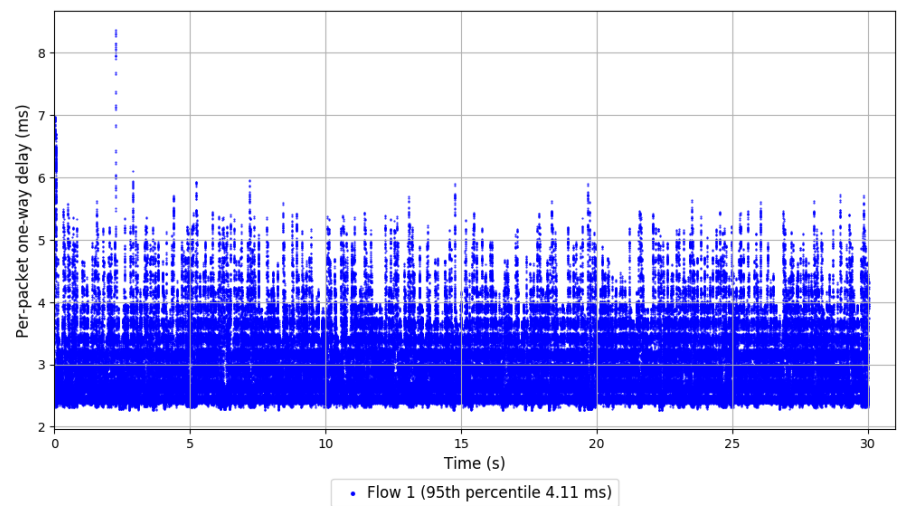• Flow 1 (95th percentile 4.03 ms)

```
Run 3: Statistics of Copa

Start at: 2018-06-05 05:05:01
End at: 2018-06-05 05:05:31
Local clock offset: -5.687 ms
Remote clock offset: -2.046 ms


# Below is generated by plot.py at 2018-06-05 07:22:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.55 Mbit/s
95th percentile per-packet one-way delay: 4.120 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.55 Mbit/s
95th percentile per-packet one-way delay: 4.120 ms
Loss rate: 0.00%
```

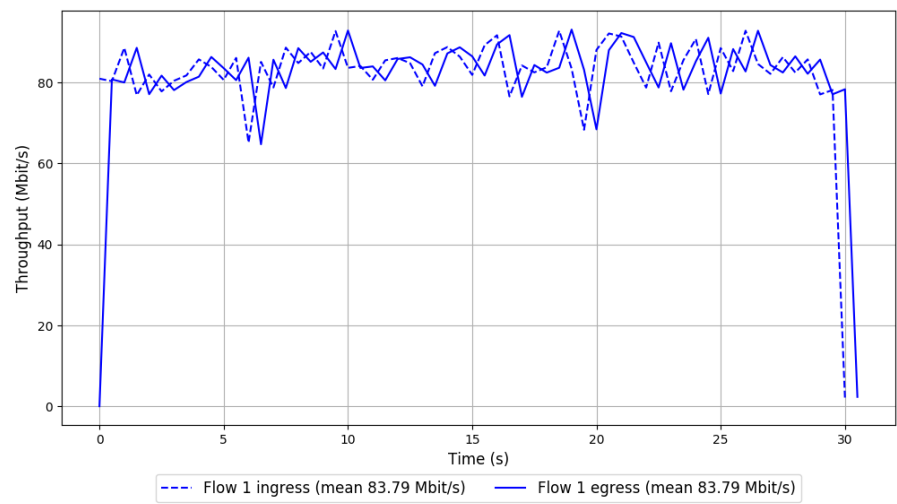Run 3: Report of Copa — Data Link

```
Run 4: Statistics of Copa

Start at: 2018-06-05 05:22:55
End at: 2018-06-05 05:23:25
Local clock offset: -5.757 ms
Remote clock offset: -1.907 ms


# Below is generated by plot.py at 2018-06-05 07:22:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.79 Mbit/s
95th percentile per-packet one-way delay: 4.109 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 83.79 Mbit/s
95th percentile per-packet one-way delay: 4.109 ms
Loss rate: 0.00%
```
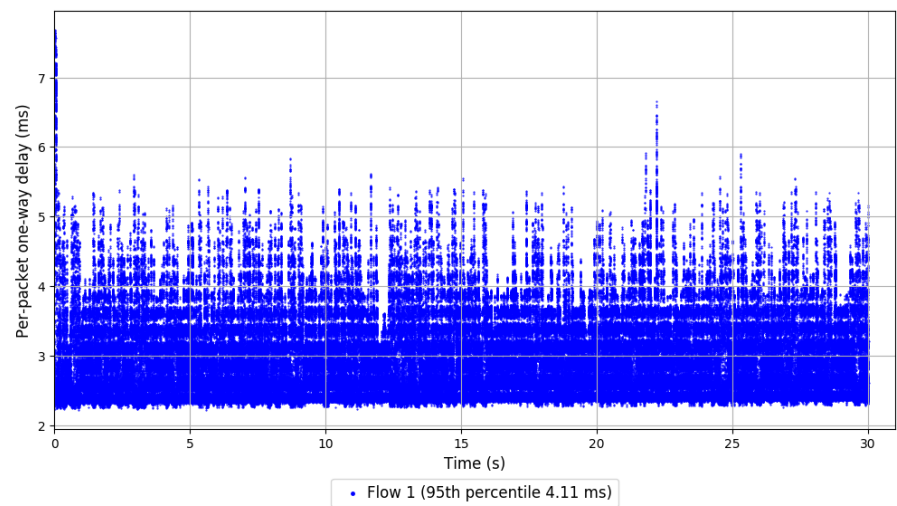
Run 4: Report of Copa — Data Link

```
Run 5: Statistics of Copa

Start at: 2018-06-05 05:40:50
End at: 2018-06-05 05:41:20
Local clock offset: -5.814 ms
Remote clock offset: -2.08 ms


# Below is generated by plot.py at 2018-06-05 07:22:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.20 Mbit/s
95th percentile per-packet one-way delay: 4.106 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.20 Mbit/s
95th percentile per-packet one-way delay: 4.106 ms
Loss rate: 0.00%
```
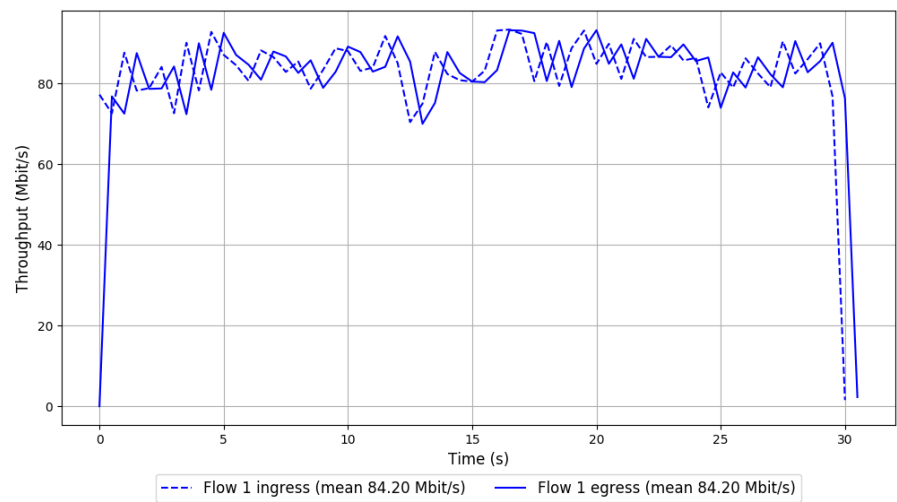
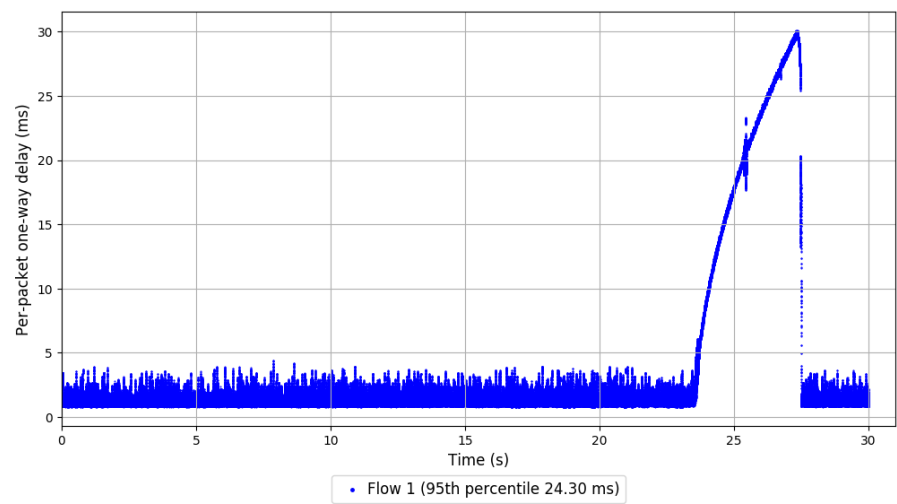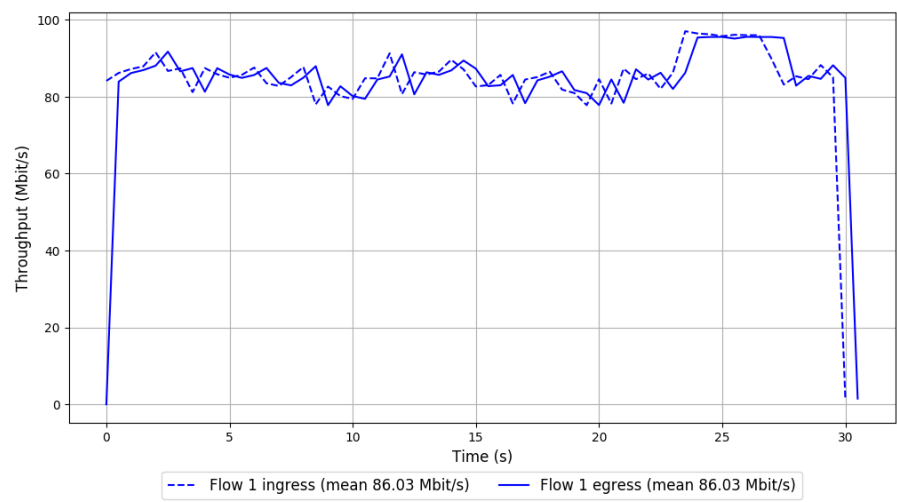Run 5: Report of Copa — Data Link

```
Run 6: Statistics of Copa

Start at: 2018-06-05 05:58:44
End at: 2018-06-05 05:59:14
Local clock offset: -5.892 ms
Remote clock offset: -2.906 ms


# Below is generated by plot.py at 2018-06-05 07:22:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.03 Mbit/s
95th percentile per-packet one-way delay: 24.298 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 86.03 Mbit/s
95th percentile per-packet one-way delay: 24.298 ms
Loss rate: 0.00%
```

Run 6: Report of Copa — Data Link

Flow 1 ingress (mean 86.03 Mbit/s) ——— Flow 1 egress (mean 86.03 Mbit/s)

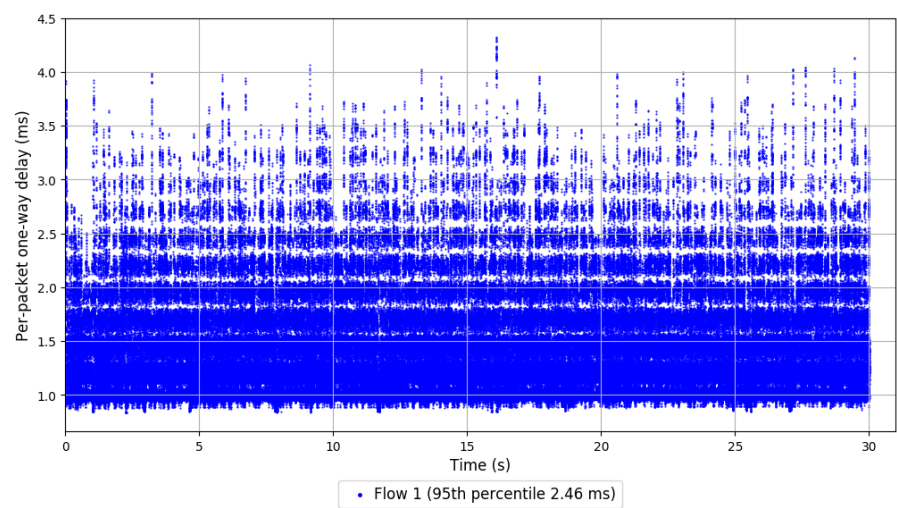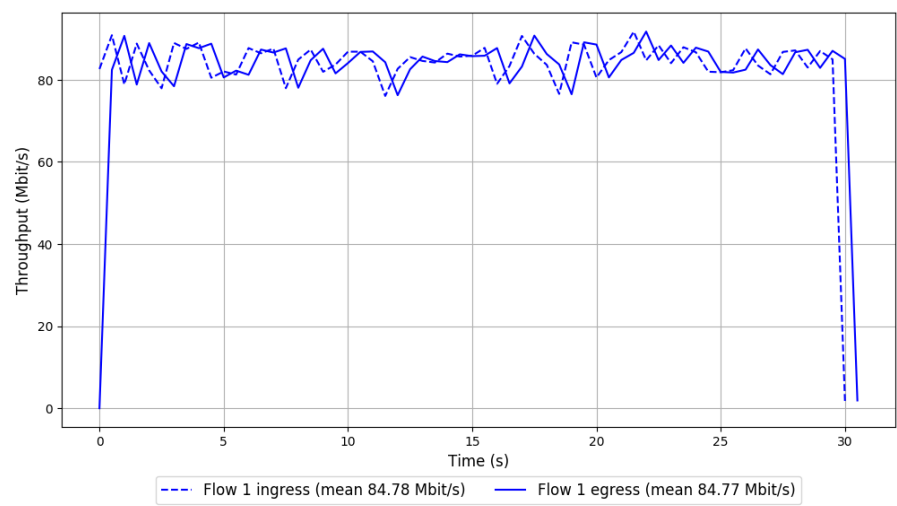Flow 1 (95th percentile 24.30 ms)

```
Run 7: Statistics of Copa

Start at: 2018-06-05 06:16:37
End at: 2018-06-05 06:17:07
Local clock offset: -5.633 ms
Remote clock offset: -3.102 ms


# Below is generated by plot.py at 2018-06-05 07:24:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.77 Mbit/s
95th percentile per-packet one-way delay: 2.463 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.77 Mbit/s
95th percentile per-packet one-way delay: 2.463 ms
Loss rate: 0.00%
```

Run 7: Report of Copa — Data Link

Flow 1 ingress (mean 84.78 Mbit/s)   Flow 1 egress (mean 84.77 Mbit/s)

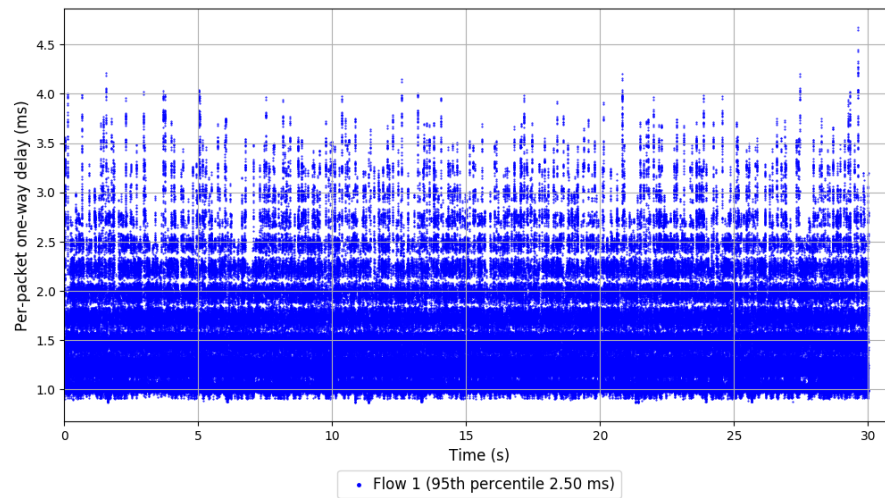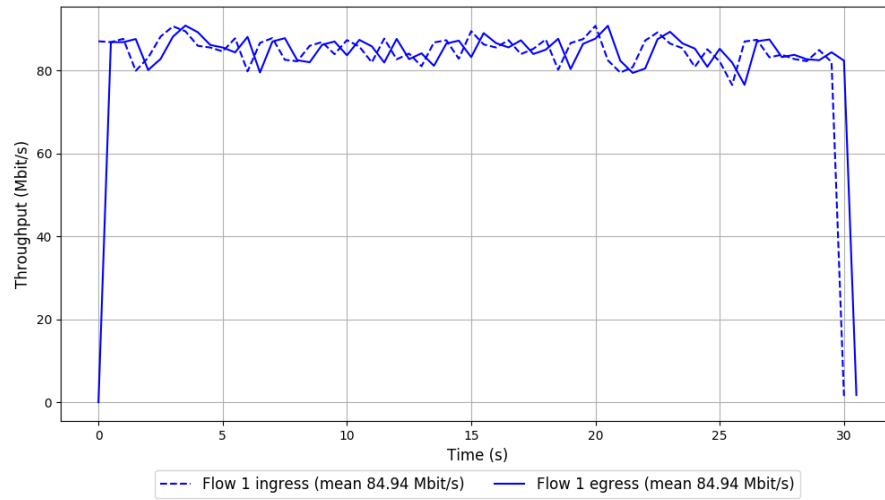• Flow 1 (95th percentile 2.46 ms)

```
Run 8: Statistics of Copa

Start at: 2018-06-05 06:34:33
End at: 2018-06-05 06:35:03
Local clock offset: -5.498 ms
Remote clock offset: -3.241 ms


# Below is generated by plot.py at 2018-06-05 07:24:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.94 Mbit/s
95th percentile per-packet one-way delay: 2.498 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.94 Mbit/s
95th percentile per-packet one-way delay: 2.498 ms
Loss rate: 0.00%
```

Run 8: Report of Copa — Data Link

Flow 1 ingress (mean 84.94 Mbit/s) --- Flow 1 egress (mean 84.94 Mbit/s)

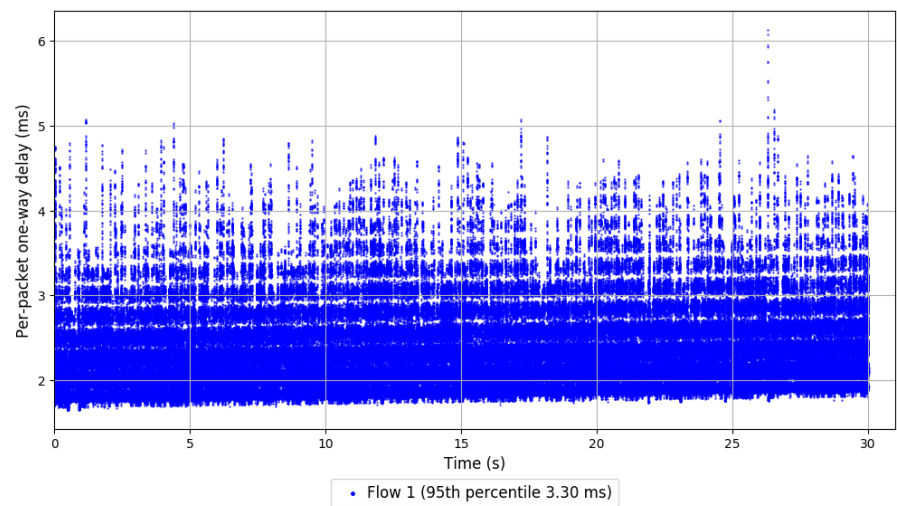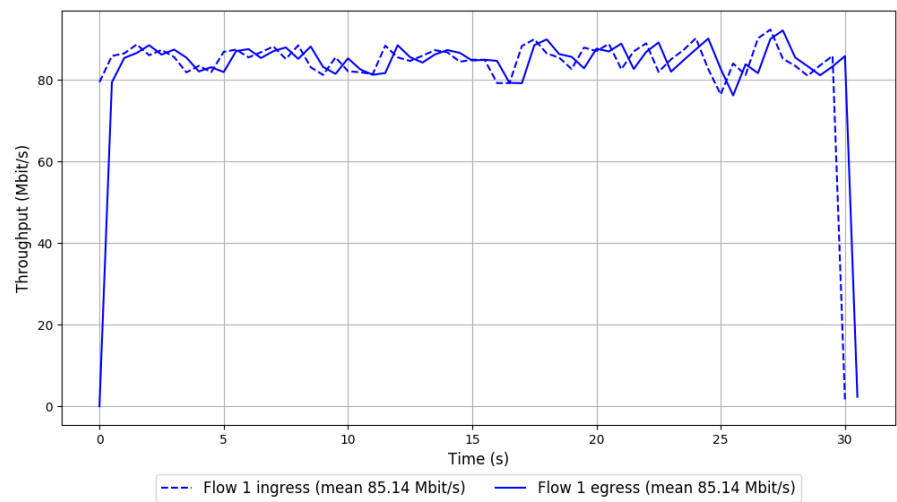Flow 1 (95th percentile 2.50 ms)

```
Run 9: Statistics of Copa

Start at: 2018-06-05 06:52:25
End at: 2018-06-05 06:52:55
Local clock offset: -6.163 ms
Remote clock offset: -5.015 ms


# Below is generated by plot.py at 2018-06-05 07:24:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.14 Mbit/s
95th percentile per-packet one-way delay: 3.303 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 85.14 Mbit/s
95th percentile per-packet one-way delay: 3.303 ms
Loss rate: 0.00%
```

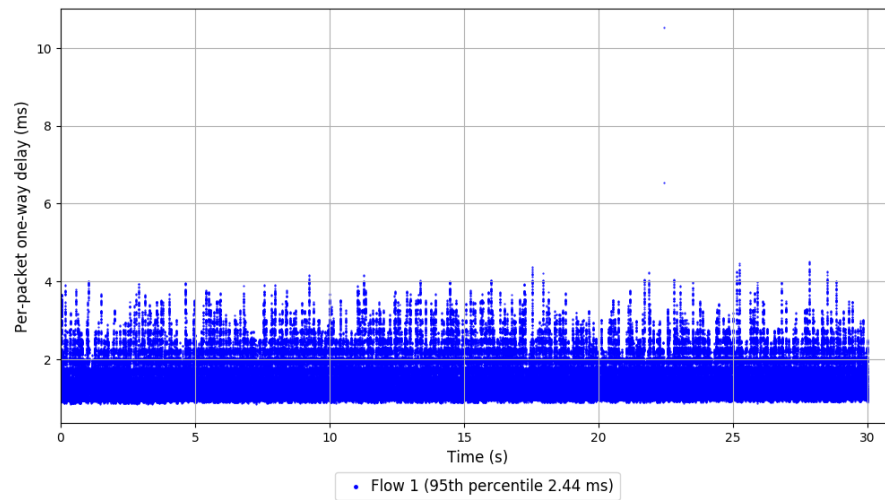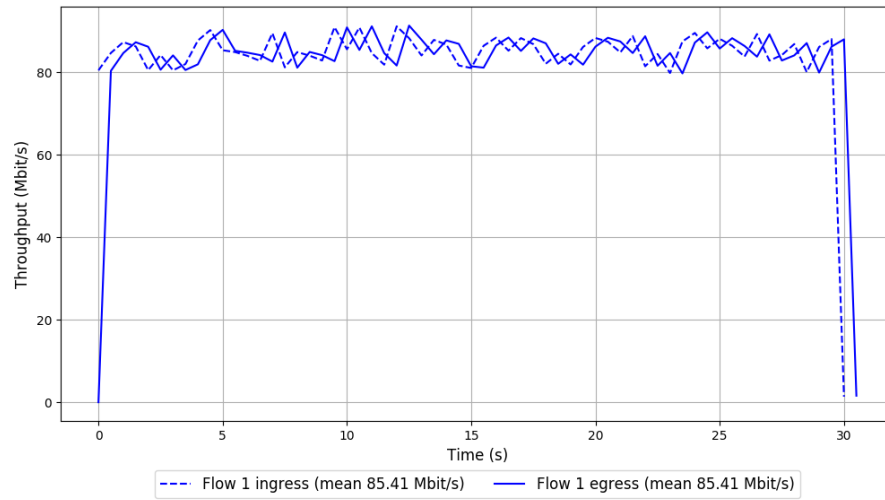## Run 9: Report of Copa — Data Link

```
Run 10: Statistics of Copa

Start at: 2018-06-05 07:10:20
End at: 2018-06-05 07:10:50
Local clock offset: -5.529 ms
Remote clock offset: -7.698 ms


# Below is generated by plot.py at 2018-06-05 07:24:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.41 Mbit/s
95th percentile per-packet one-way delay: 2.440 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 85.41 Mbit/s
95th percentile per-packet one-way delay: 2.440 ms
Loss rate: 0.00%
```

Run 10: Report of Copa — Data Link

Flow 1 ingress (mean 85.41 Mbit/s) —— Flow 1 egress (mean 85.41 Mbit/s)

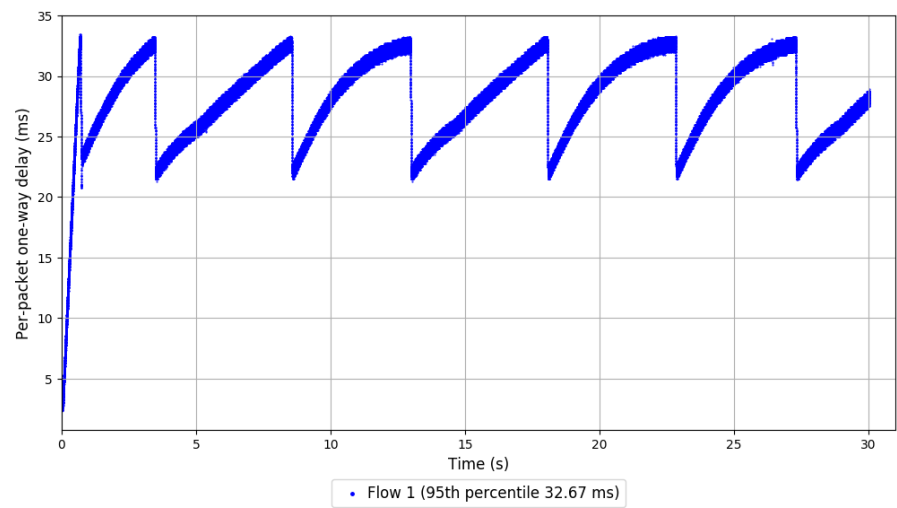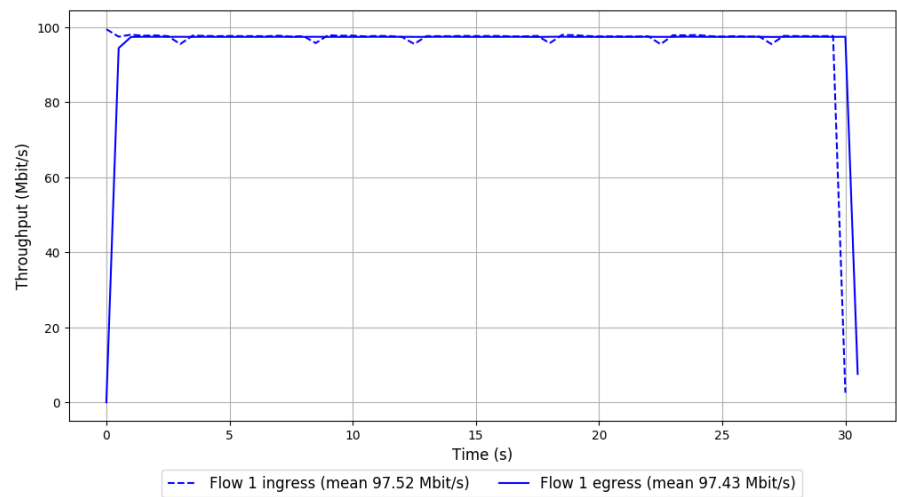• Flow 1 (95th percentile 2.44 ms)

43

```
Run 1: Statistics of TCP Cubic

Start at: 2018-06-05 04:21:28
End at: 2018-06-05 04:21:58
Local clock offset: -5.94 ms
Remote clock offset: -1.673 ms


# Below is generated by plot.py at 2018-06-05 07:24:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.43 Mbit/s
95th percentile per-packet one-way delay: 32.670 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.43 Mbit/s
95th percentile per-packet one-way delay: 32.670 ms
Loss rate: 0.02%
```

Run 1: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 97.52 Mbit/s)   Flow 1 egress (mean 97.43 Mbit/s)

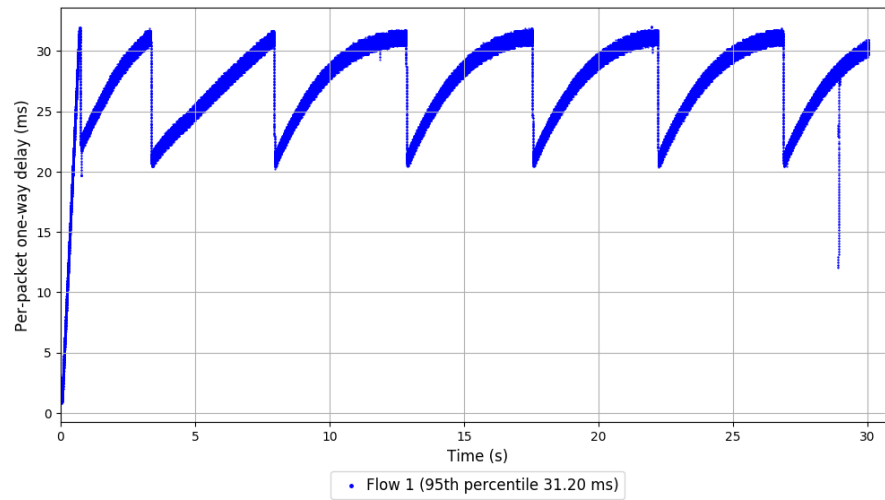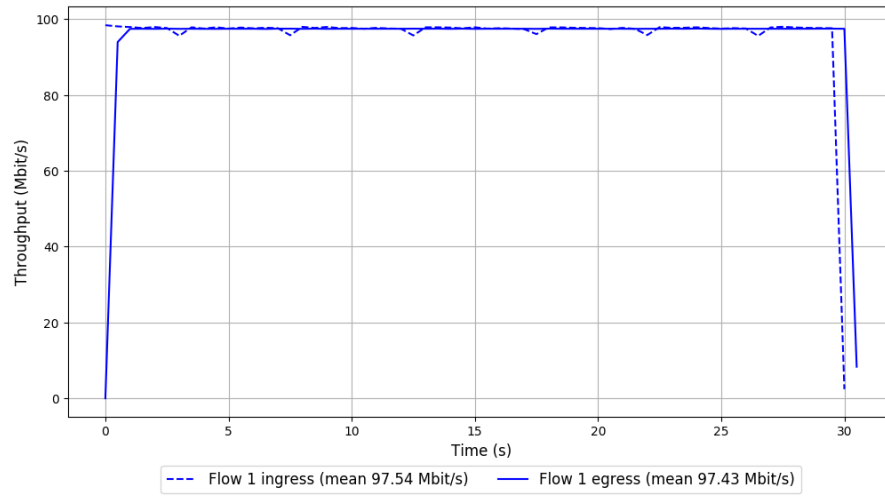Flow 1 (95th percentile 32.67 ms)

```
Run 2: Statistics of TCP Cubic

Start at: 2018-06-05 04:39:21
End at: 2018-06-05 04:39:51
Local clock offset: -5.827 ms
Remote clock offset: -1.954 ms


# Below is generated by plot.py at 2018-06-05 07:24:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.43 Mbit/s
95th percentile per-packet one-way delay: 31.201 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.43 Mbit/s
95th percentile per-packet one-way delay: 31.201 ms
Loss rate: 0.01%
```
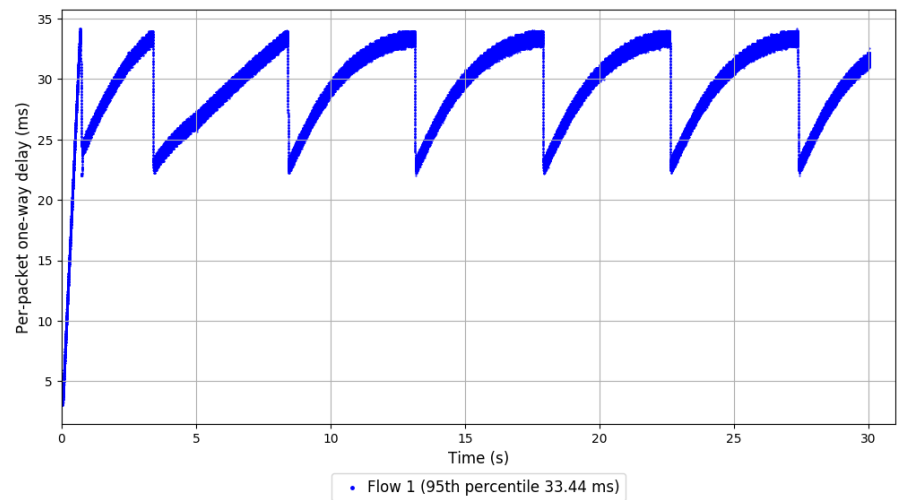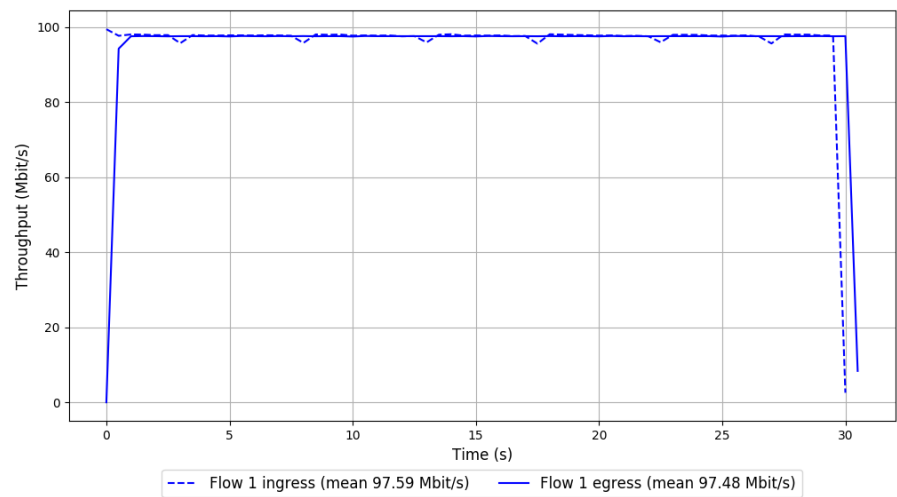
Run 2: Report of TCP Cubic — Data Link

```
Run 3: Statistics of TCP Cubic

Start at: 2018-06-05 04:57:16
End at: 2018-06-05 04:57:46
Local clock offset: -6.525 ms
Remote clock offset: -2.155 ms


# Below is generated by plot.py at 2018-06-05 07:24:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 33.437 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 33.437 ms
Loss rate: 0.01%
```

Run 3: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 97.59 Mbit/s) — — — Flow 1 egress (mean 97.48 Mbit/s)
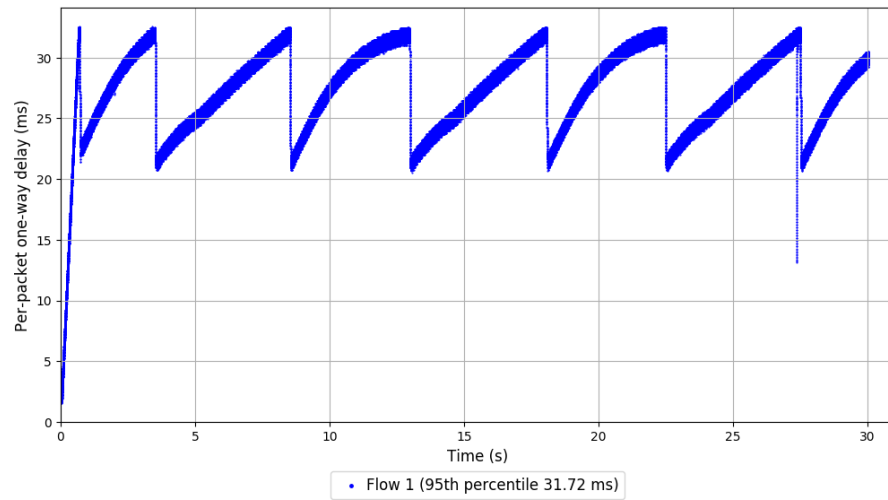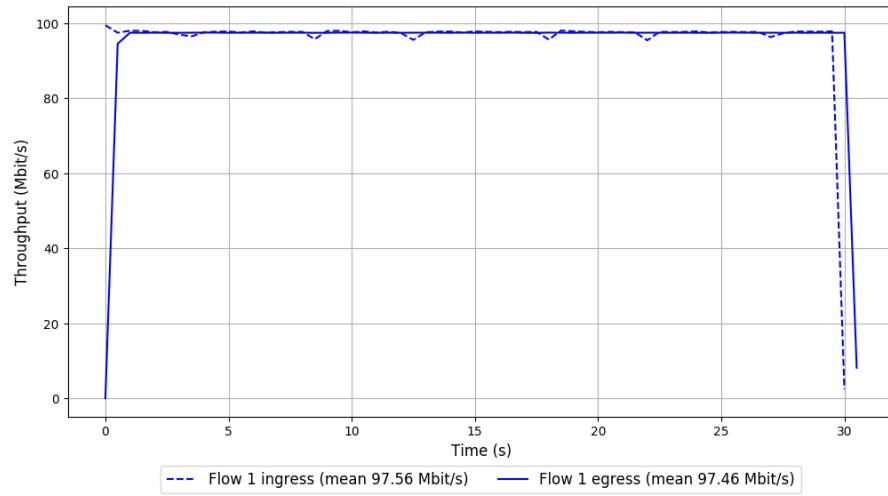

Flow 1 (95th percentile 33.44 ms)

```
Run 4: Statistics of TCP Cubic

Start at: 2018-06-05 05:15:10
End at: 2018-06-05 05:15:40
Local clock offset: -4.963 ms
Remote clock offset: -1.954 ms


# Below is generated by plot.py at 2018-06-05 07:24:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 31.722 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 31.722 ms
Loss rate: 0.01%
```
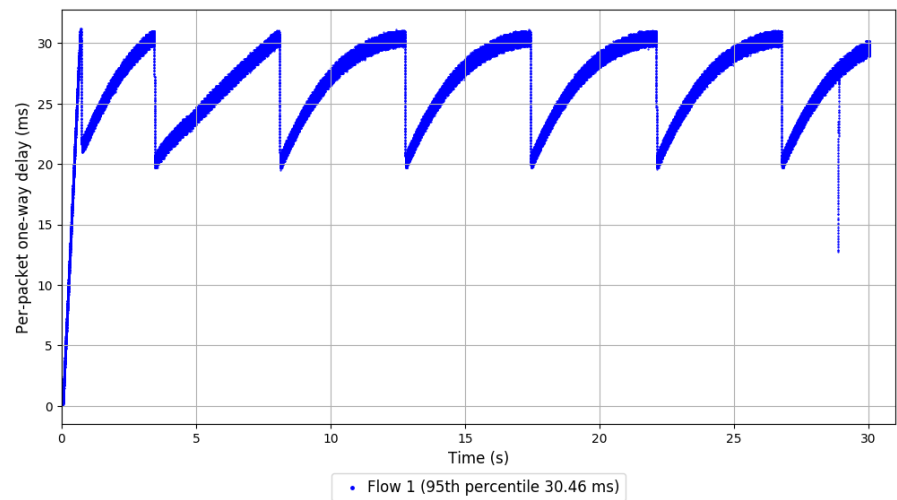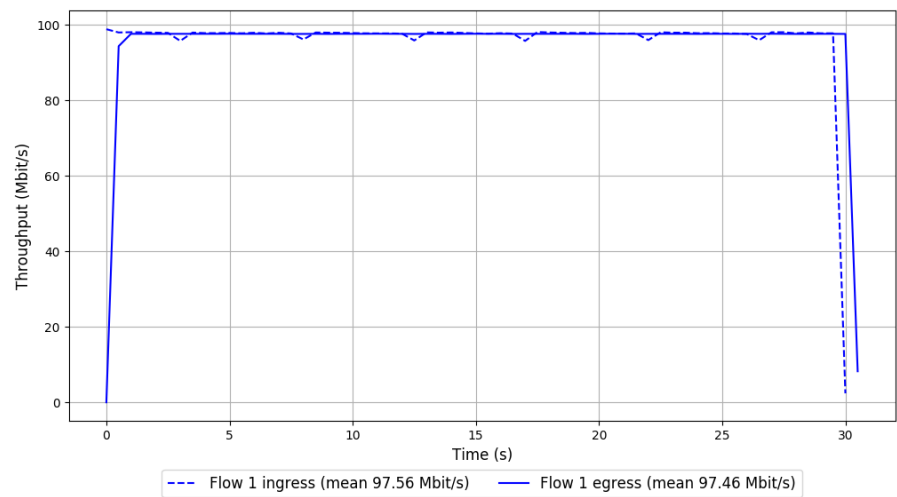
Run 4: Report of TCP Cubic — Data Link

```
Run 5: Statistics of TCP Cubic

Start at: 2018-06-05 05:33:05
End at: 2018-06-05 05:33:35
Local clock offset: -4.978 ms
Remote clock offset: -1.868 ms


# Below is generated by plot.py at 2018-06-05 07:25:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 30.460 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 30.460 ms
Loss rate: 0.01%
```

Run 5: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 97.56 Mbit/s)   Flow 1 egress (mean 97.46 Mbit/s)

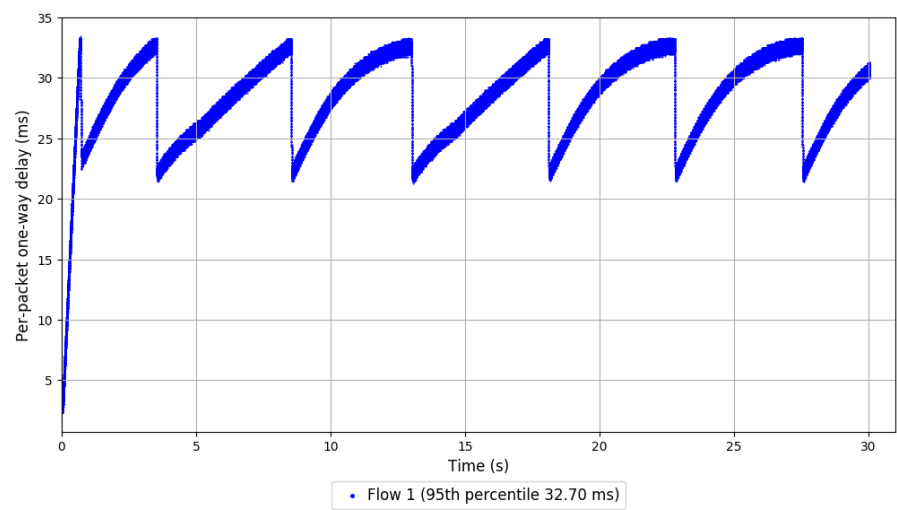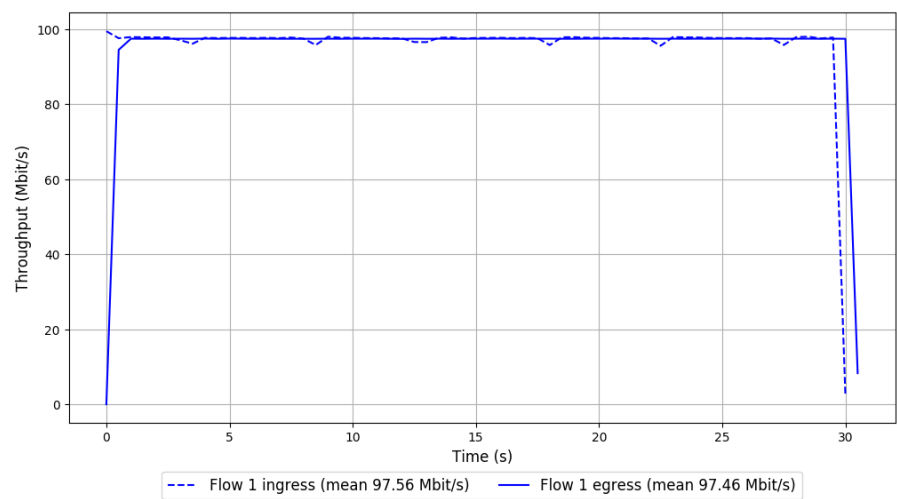Flow 1 (95th percentile 30.46 ms)

```
Run 6: Statistics of TCP Cubic

Start at: 2018-06-05 05:51:00
End at: 2018-06-05 05:51:30
Local clock offset: -5.865 ms
Remote clock offset: -2.641 ms


# Below is generated by plot.py at 2018-06-05 07:25:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 32.705 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 32.705 ms
Loss rate: 0.01%
```
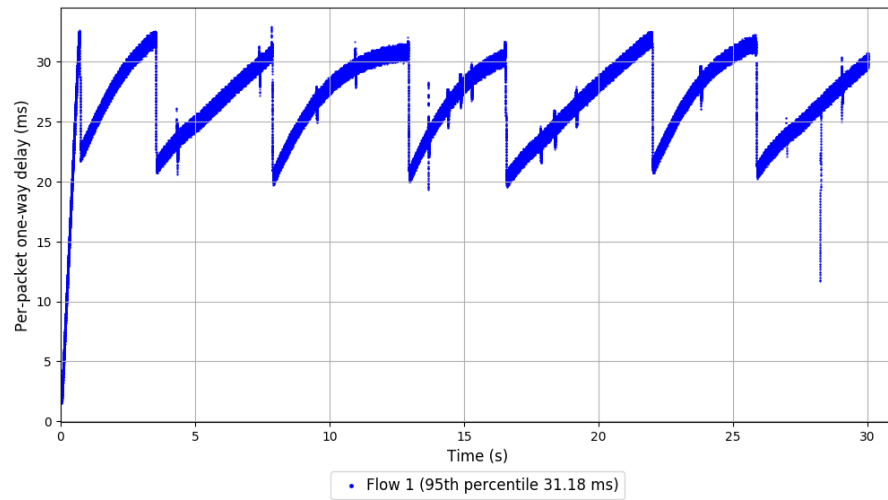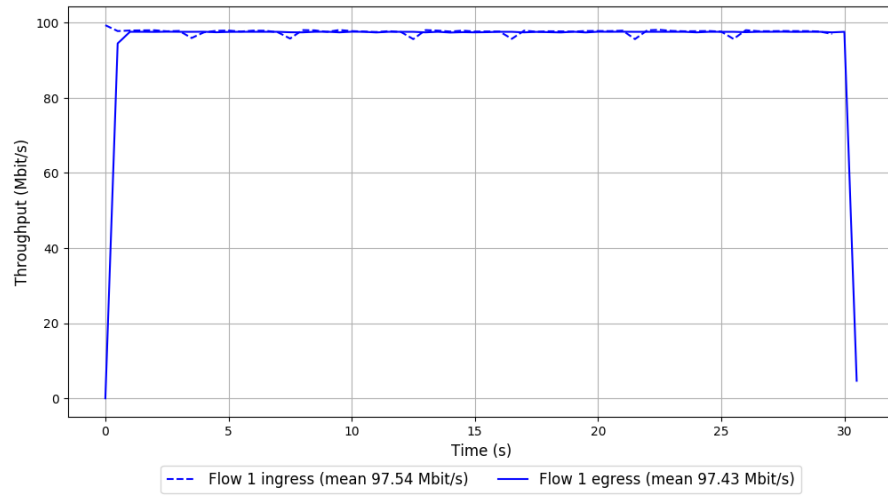
Run 6: Report of TCP Cubic — Data Link

```
Run 7: Statistics of TCP Cubic

Start at: 2018-06-05 06:08:53
End at: 2018-06-05 06:09:23
Local clock offset: -4.963 ms
Remote clock offset: -3.042 ms


# Below is generated by plot.py at 2018-06-05 07:25:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.43 Mbit/s
95th percentile per-packet one-way delay: 31.176 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.43 Mbit/s
95th percentile per-packet one-way delay: 31.176 ms
Loss rate: 0.02%
```

Run 7: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 97.54 Mbit/s) ---- Flow 1 egress (mean 97.43 Mbit/s) ——
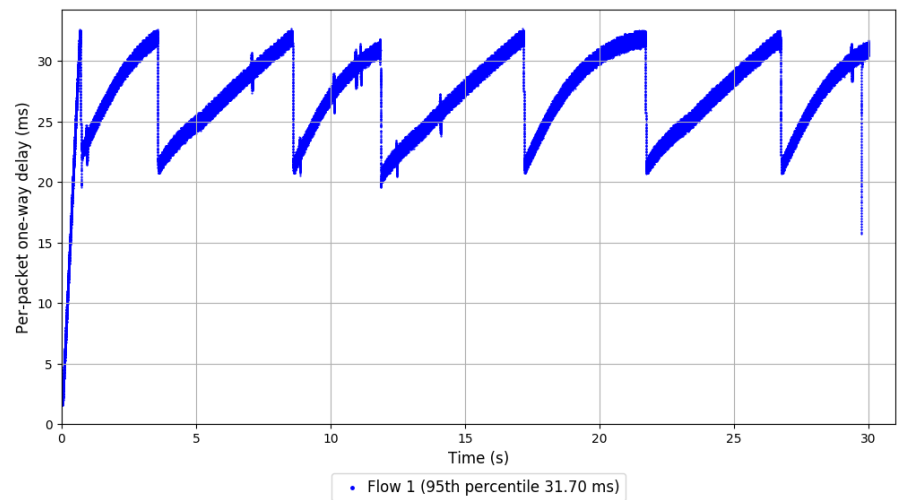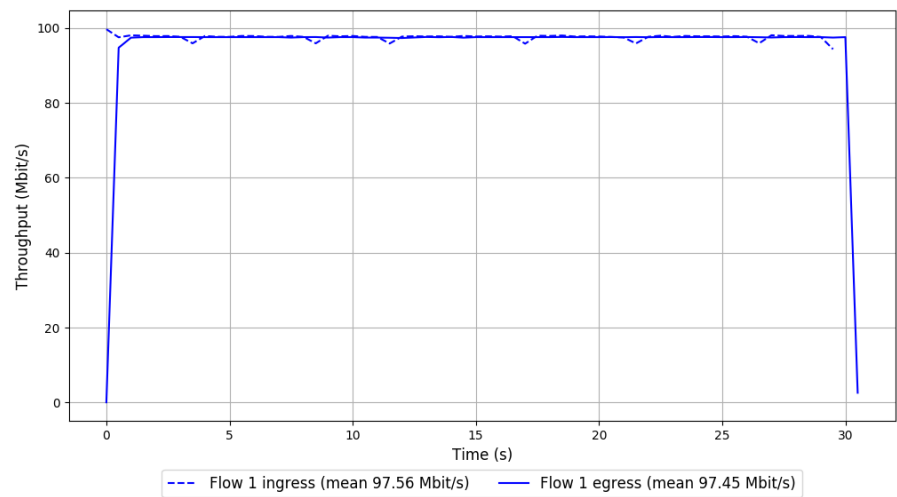

• Flow 1 (95th percentile 31.18 ms)

```
Run 8: Statistics of TCP Cubic

Start at: 2018-06-05 06:26:48
End at: 2018-06-05 06:27:18
Local clock offset: -4.709 ms
Remote clock offset: -3.161 ms


# Below is generated by plot.py at 2018-06-05 07:25:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.45 Mbit/s
95th percentile per-packet one-way delay: 31.695 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.45 Mbit/s
95th percentile per-packet one-way delay: 31.695 ms
Loss rate: 0.02%
```

Run 8: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 97.56 Mbit/s) ---- Flow 1 egress (mean 97.45 Mbit/s)

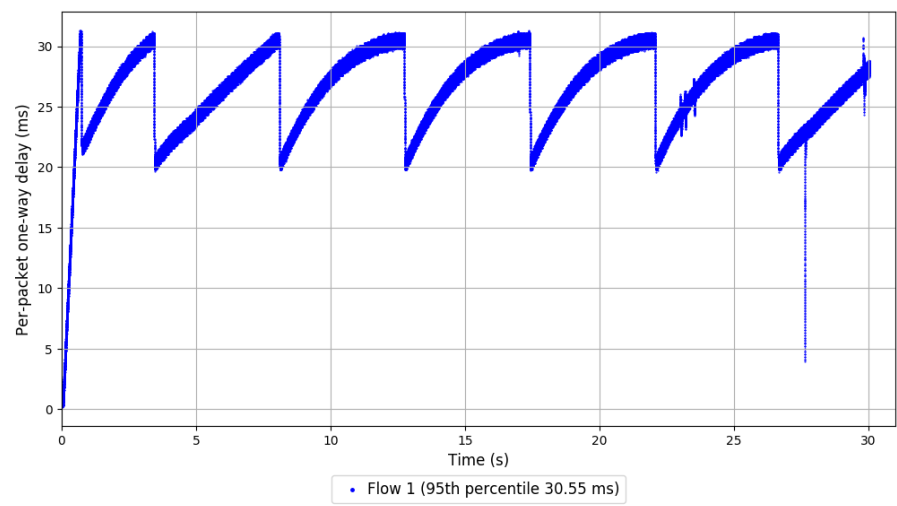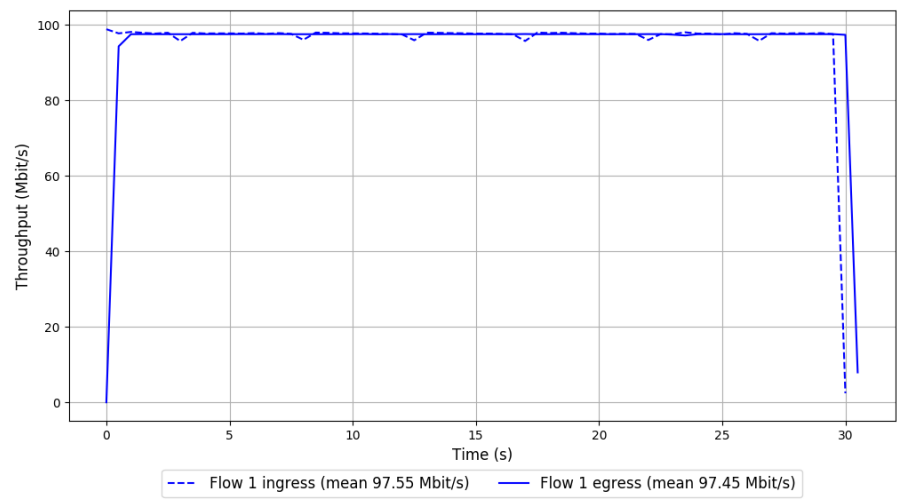

Flow 1 (95th percentile 31.70 ms)

```
Run 9: Statistics of TCP Cubic

Start at: 2018-06-05 06:44:41
End at: 2018-06-05 06:45:11
Local clock offset: -4.715 ms
Remote clock offset: -3.315 ms


# Below is generated by plot.py at 2018-06-05 07:25:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.45 Mbit/s
95th percentile per-packet one-way delay: 30.552 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.45 Mbit/s
95th percentile per-packet one-way delay: 30.552 ms
Loss rate: 0.01%
```
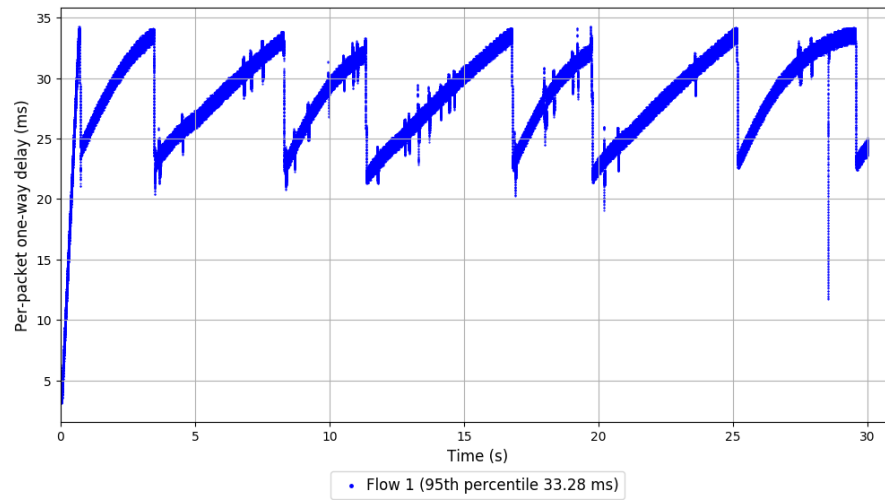
Run 9: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 97.55 Mbit/s)   —— Flow 1 egress (mean 97.45 Mbit/s)

• Flow 1 (95th percentile 30.55 ms)

```
Run 10: Statistics of TCP Cubic

Start at: 2018-06-05 07:02:36
End at: 2018-06-05 07:03:06
Local clock offset: -6.201 ms
Remote clock offset: -6.926 ms


# Below is generated by plot.py at 2018-06-05 07:25:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.39 Mbit/s
95th percentile per-packet one-way delay: 33.282 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.39 Mbit/s
95th percentile per-packet one-way delay: 33.282 ms
Loss rate: 0.02%
```
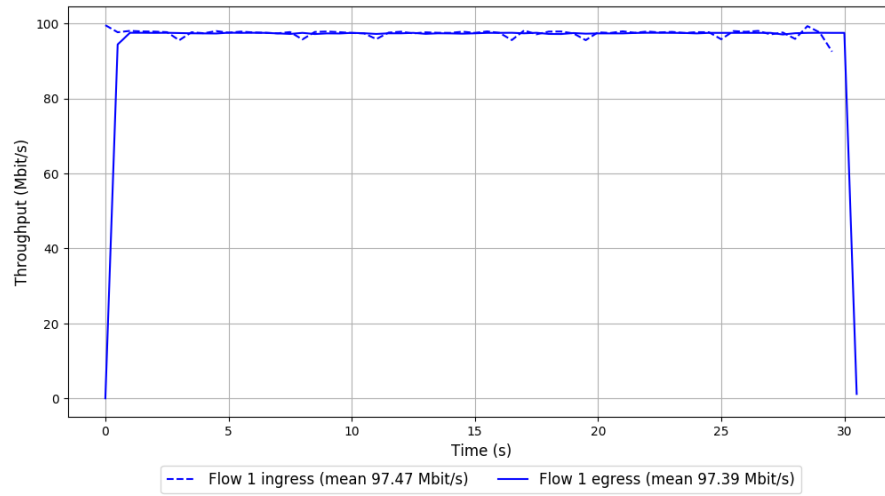
Run 10: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 97.47 Mbit/s) — — —   Flow 1 egress (mean 97.39 Mbit/s) ———
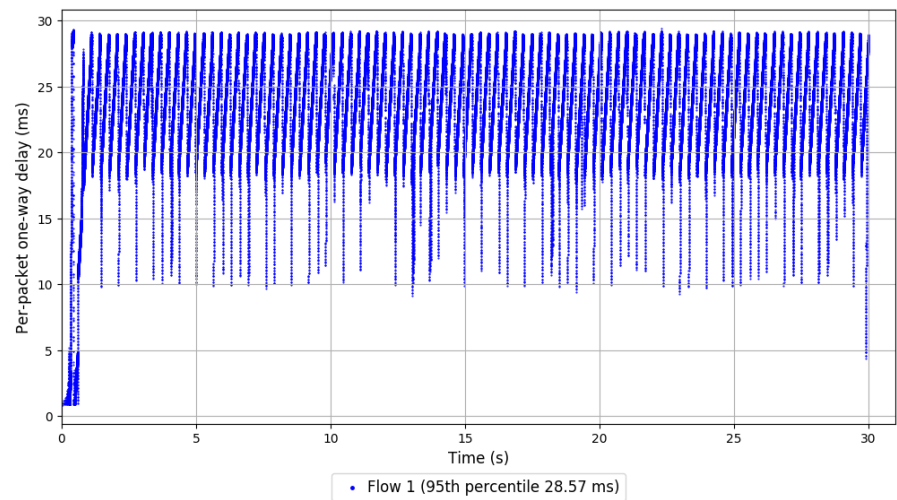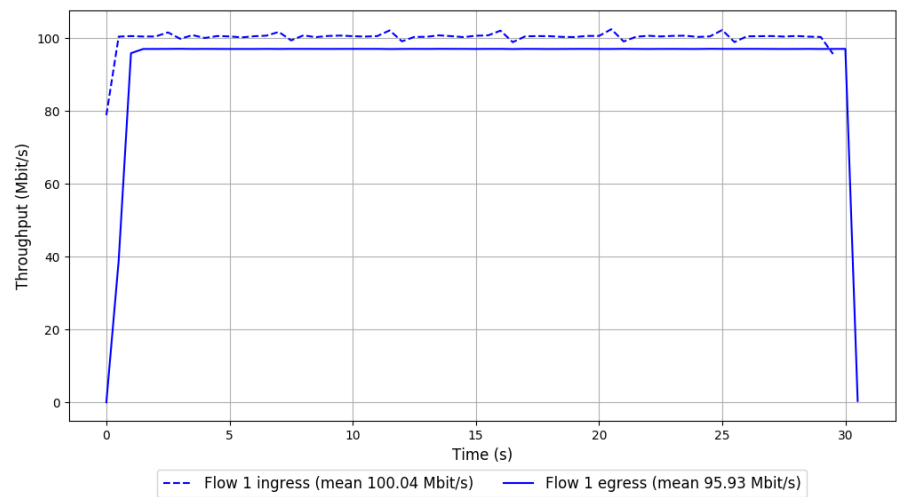

Flow 1 (95th percentile 33.28 ms)

```
Run 1: Statistics of FillP

Start at: 2018-06-05 04:31:28
End at: 2018-06-05 04:31:58
Local clock offset: -5.923 ms
Remote clock offset: -1.554 ms

# Below is generated by plot.py at 2018-06-05 07:26:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.93 Mbit/s
95th percentile per-packet one-way delay: 28.571 ms
Loss rate: 4.02%
-- Flow 1:
Average throughput: 95.93 Mbit/s
95th percentile per-packet one-way delay: 28.571 ms
Loss rate: 4.02%
```

Run 1: Report of FillP — Data Link

Flow 1 ingress (mean 100.04 Mbit/s)   Flow 1 egress (mean 95.93 Mbit/s)

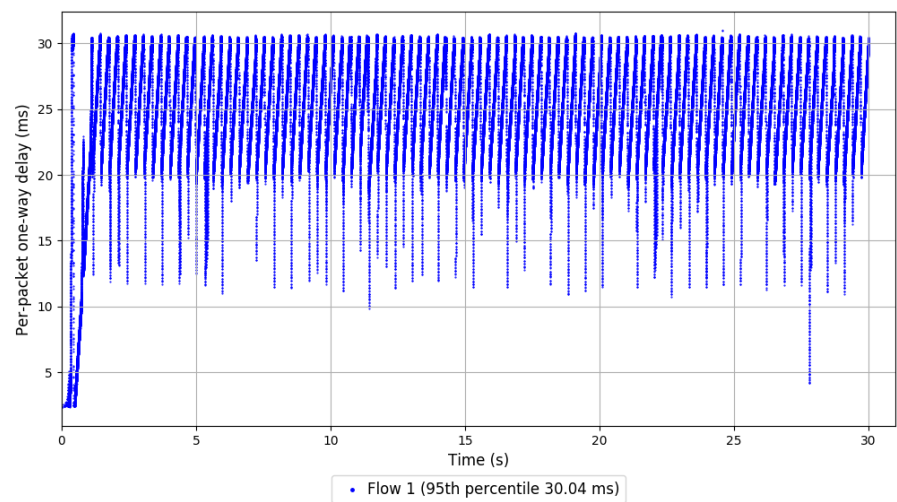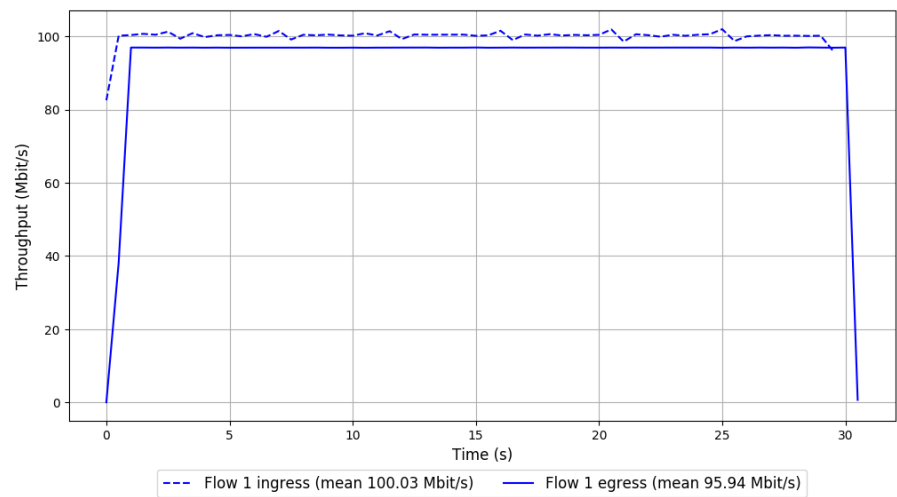Flow 1 (95th percentile 28.57 ms)

```
Run 2: Statistics of FillP

Start at: 2018-06-05 04:49:22
End at: 2018-06-05 04:49:52
Local clock offset: -5.803 ms
Remote clock offset: -2.021 ms


# Below is generated by plot.py at 2018-06-05 07:26:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.94 Mbit/s
95th percentile per-packet one-way delay: 30.043 ms
Loss rate: 4.00%
-- Flow 1:
Average throughput: 95.94 Mbit/s
95th percentile per-packet one-way delay: 30.043 ms
Loss rate: 4.00%
```

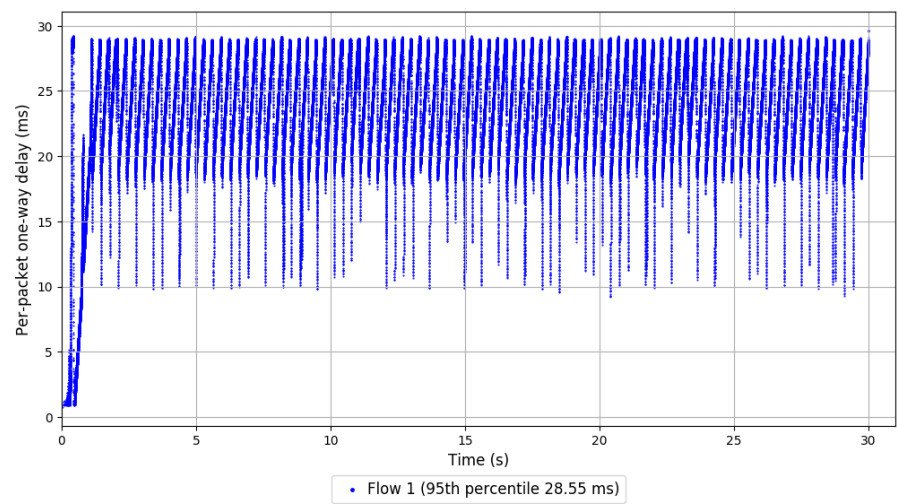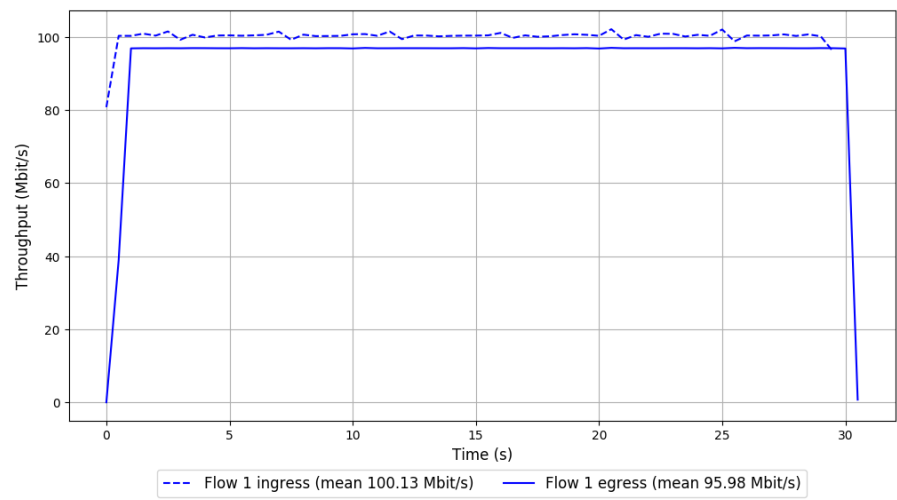Run 2: Report of FillP — Data Link

```
Run 3: Statistics of FillP

Start at: 2018-06-05 05:07:18
End at: 2018-06-05 05:07:48
Local clock offset: -5.702 ms
Remote clock offset: -1.988 ms


# Below is generated by plot.py at 2018-06-05 07:26:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 28.546 ms
Loss rate: 4.06%
-- Flow 1:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 28.546 ms
Loss rate: 4.06%
```

Run 3: Report of FillP — Data Link

Flow 1 ingress (mean 100.13 Mbit/s) --- Flow 1 egress (mean 95.98 Mbit/s)

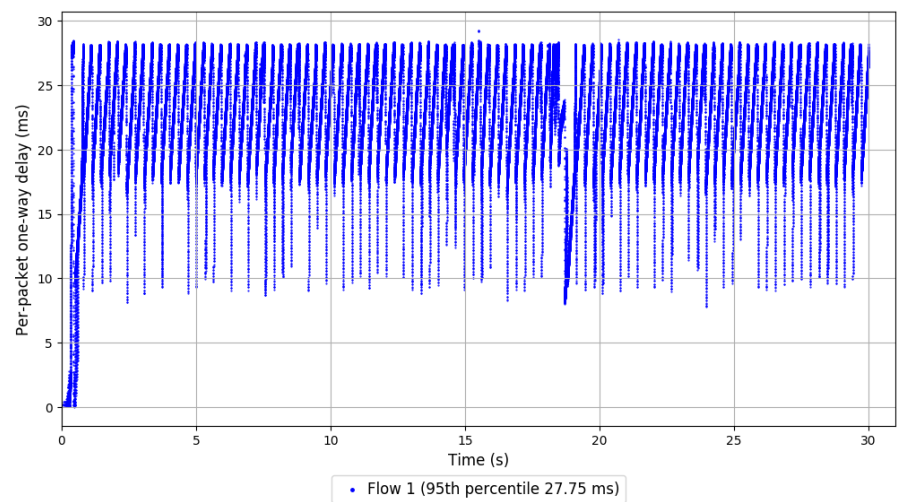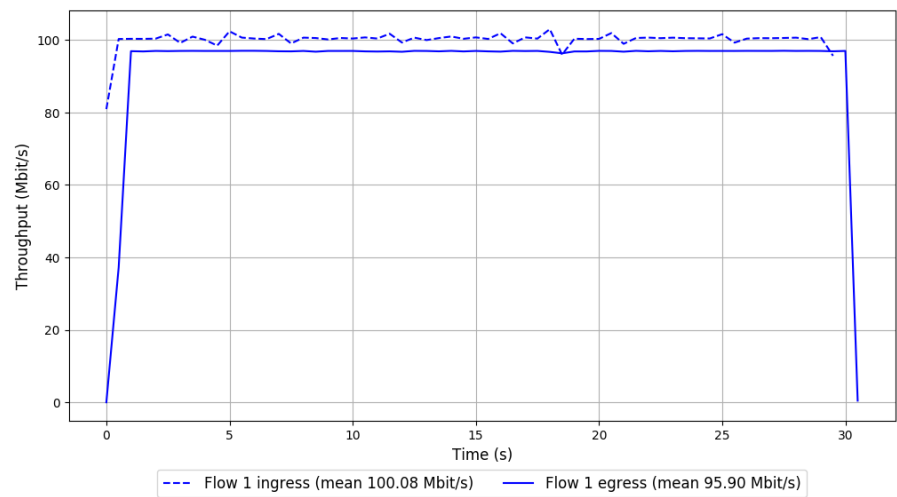• Flow 1 (95th percentile 28.55 ms)

```
Run 4: Statistics of FillP

Start at: 2018-06-05 05:25:12
End at: 2018-06-05 05:25:42
Local clock offset: -4.968 ms
Remote clock offset: -1.884 ms


# Below is generated by plot.py at 2018-06-05 07:26:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.90 Mbit/s
95th percentile per-packet one-way delay: 27.754 ms
Loss rate: 4.08%
-- Flow 1:
Average throughput: 95.90 Mbit/s
95th percentile per-packet one-way delay: 27.754 ms
Loss rate: 4.08%
```

Run 4: Report of FillP — Data Link

Flow 1 ingress (mean 100.08 Mbit/s) --- Flow 1 egress (mean 95.90 Mbit/s)

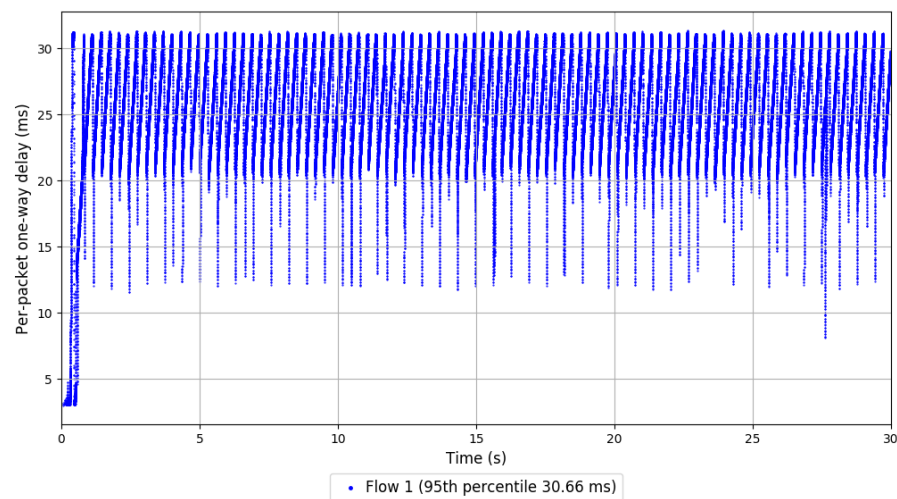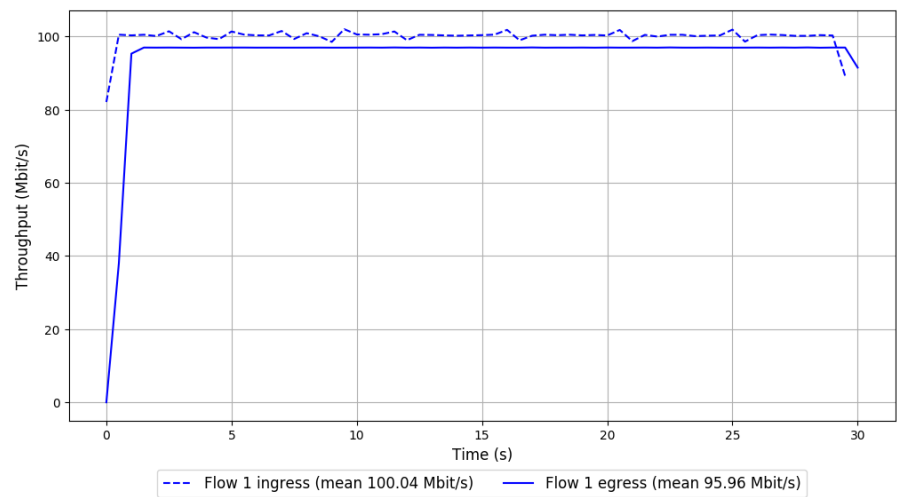Flow 1 (95th percentile 27.75 ms)

```
Run 5: Statistics of FillP

Start at: 2018-06-05 05:43:06
End at: 2018-06-05 05:43:36
Local clock offset: -6.595 ms
Remote clock offset: -2.304 ms


# Below is generated by plot.py at 2018-06-05 07:26:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.96 Mbit/s
95th percentile per-packet one-way delay: 30.662 ms
Loss rate: 4.00%
-- Flow 1:
Average throughput: 95.96 Mbit/s
95th percentile per-packet one-way delay: 30.662 ms
Loss rate: 4.00%
```

Run 5: Report of FillP — Data Link

Flow 1 ingress (mean 100.04 Mbit/s) ----   Flow 1 egress (mean 95.96 Mbit/s) ——

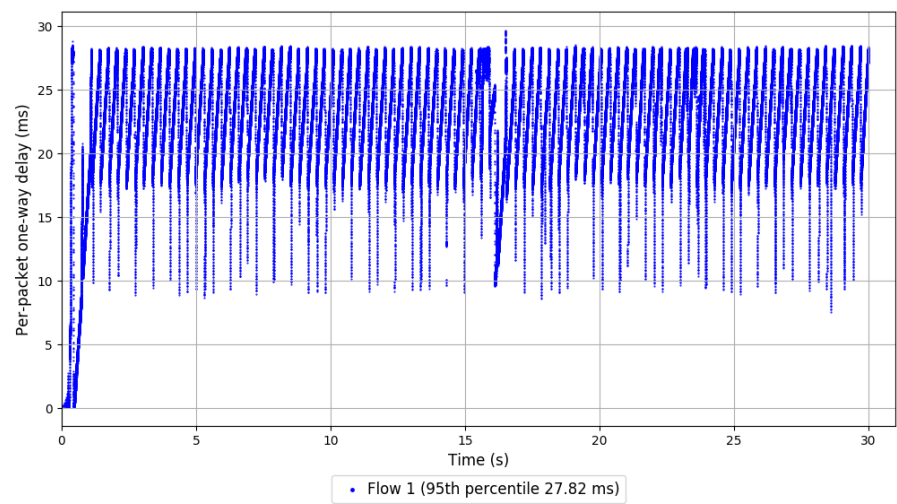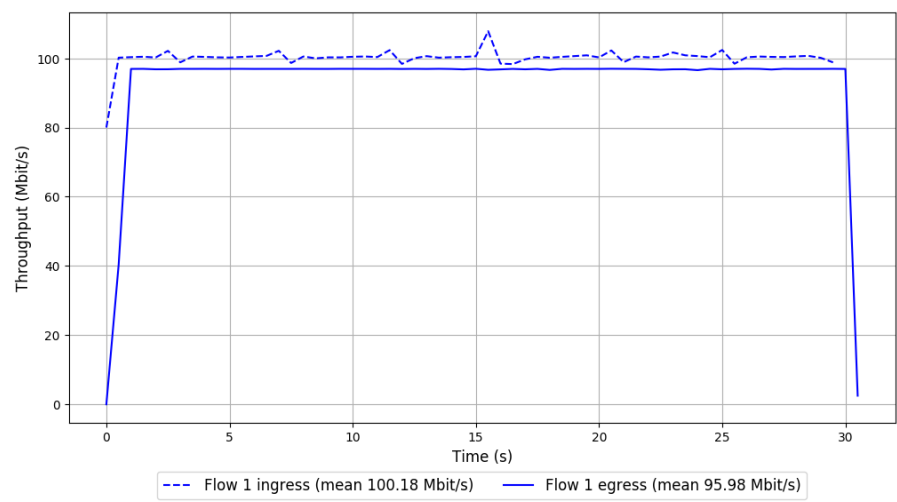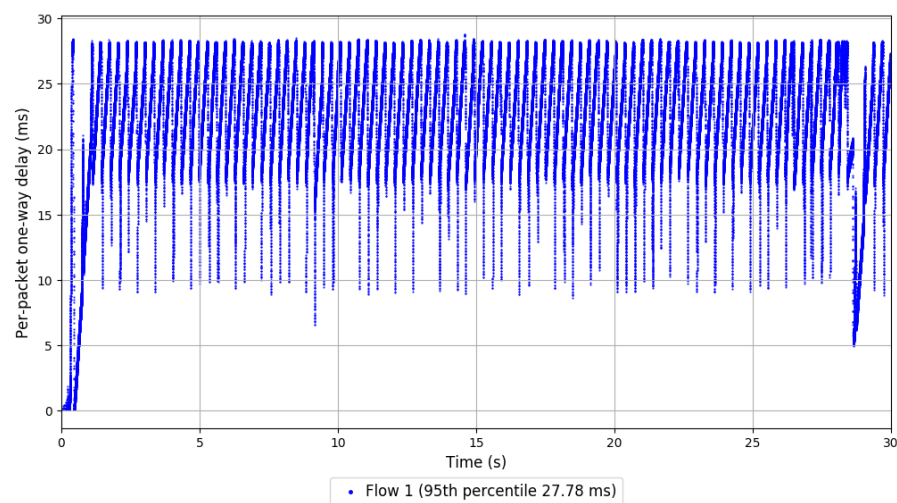· Flow 1 (95th percentile 30.66 ms)

```
Run 6: Statistics of FillP

Start at: 2018-06-05 06:01:01
End at: 2018-06-05 06:01:31
Local clock offset: -5.121 ms
Remote clock offset: -2.841 ms


# Below is generated by plot.py at 2018-06-05 07:26:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 27.821 ms
Loss rate: 4.11%
-- Flow 1:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 27.821 ms
Loss rate: 4.11%
```

Run 6: Report of FillP — Data Link

Flow 1 ingress (mean 100.18 Mbit/s)　　Flow 1 egress (mean 95.98 Mbit/s)

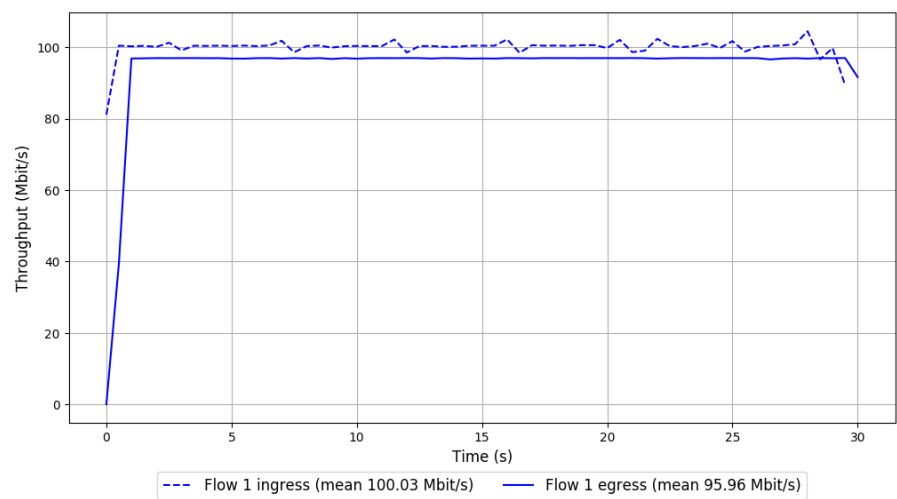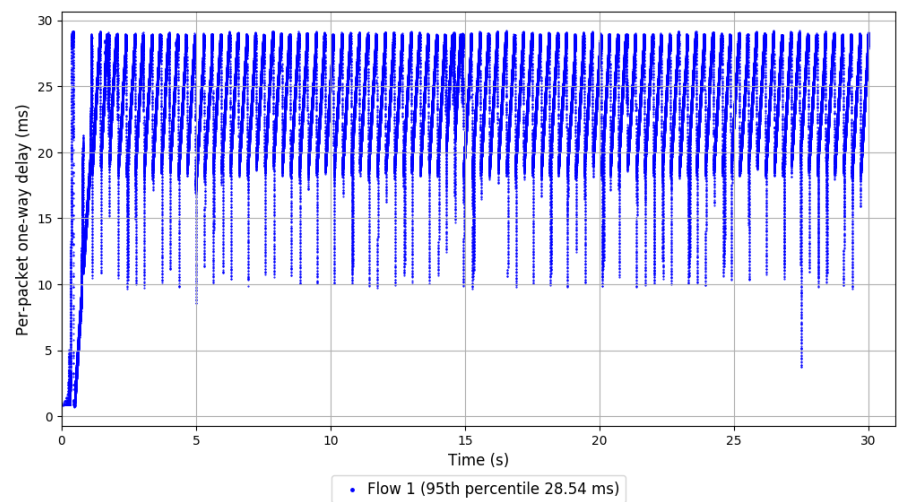Flow 1 (95th percentile 27.82 ms)

```
Run 7: Statistics of FillP

Start at: 2018-06-05 06:18:54
End at: 2018-06-05 06:19:24
Local clock offset: -4.857 ms
Remote clock offset: -3.157 ms


# Below is generated by plot.py at 2018-06-05 07:26:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.96 Mbit/s
95th percentile per-packet one-way delay: 27.784 ms
Loss rate: 3.98%
-- Flow 1:
Average throughput: 95.96 Mbit/s
95th percentile per-packet one-way delay: 27.784 ms
Loss rate: 3.98%
```

Run 7: Report of FillP — Data Link

Flow 1 ingress (mean 100.03 Mbit/s) ——— Flow 1 egress (mean 95.96 Mbit/s)

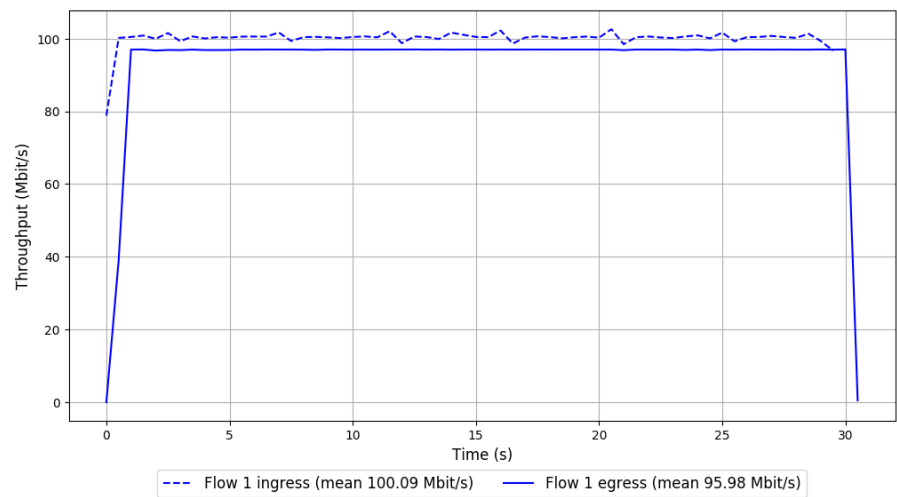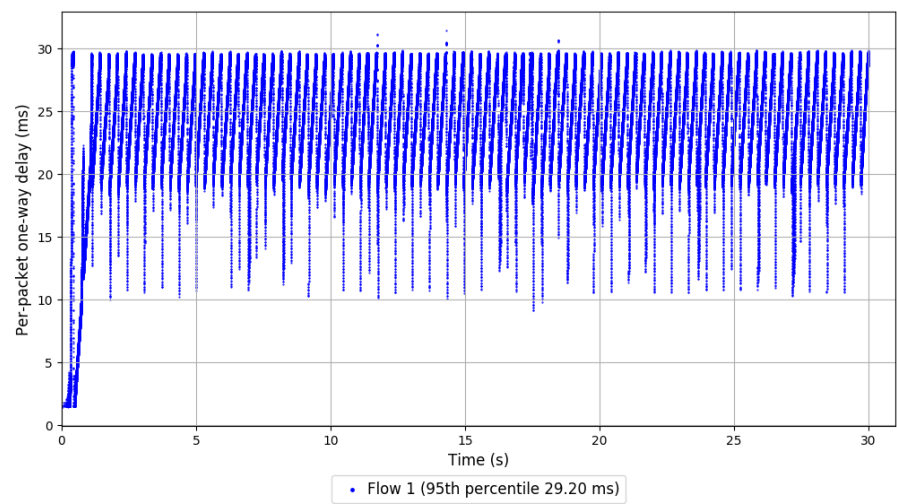• Flow 1 (95th percentile 27.78 ms)

```
Run 8: Statistics of FillP

Start at: 2018-06-05 06:36:49
End at: 2018-06-05 06:37:19
Local clock offset: -5.43 ms
Remote clock offset: -3.265 ms


# Below is generated by plot.py at 2018-06-05 07:26:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 28.535 ms
Loss rate: 4.01%
-- Flow 1:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 28.535 ms
Loss rate: 4.01%
```

Run 8: Report of FillP — Data Link

Flow 1 ingress (mean 100.09 Mbit/s) ---- Flow 1 egress (mean 95.98 Mbit/s) ——

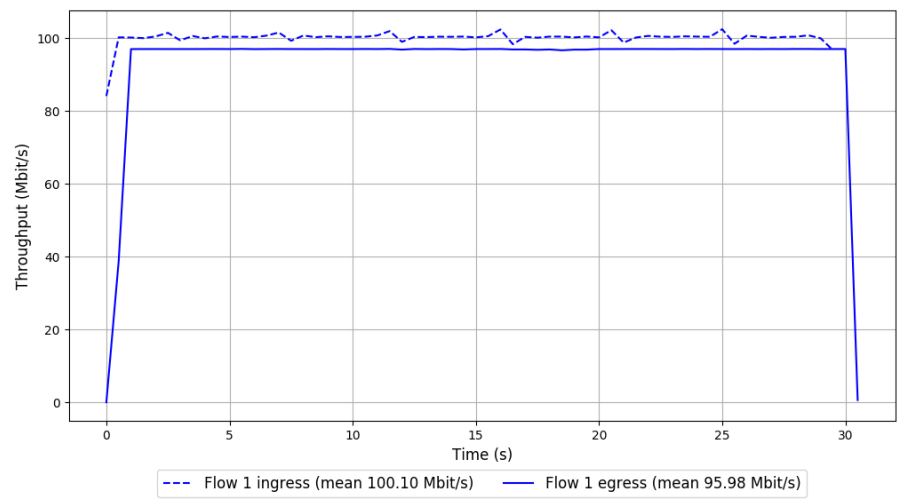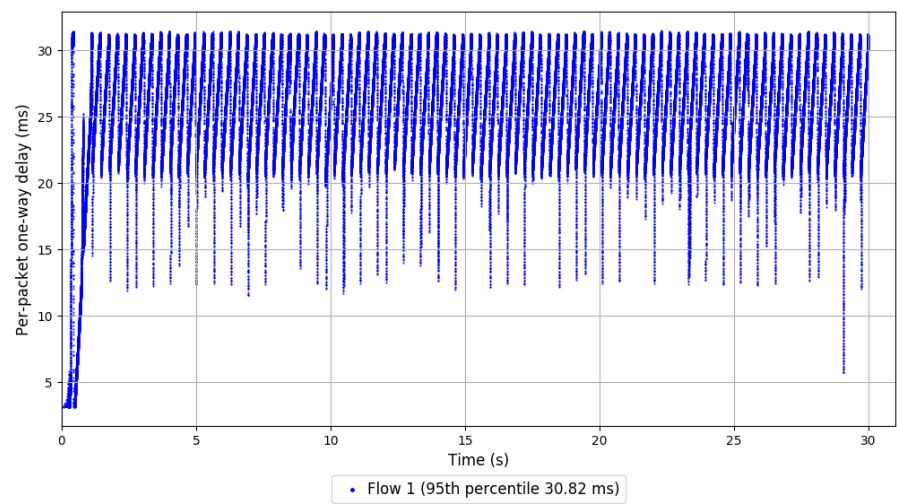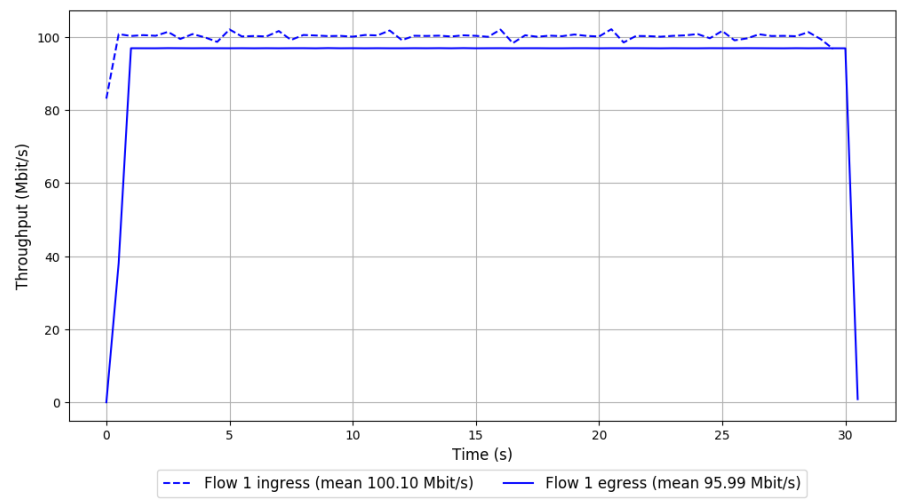Flow 1 (95th percentile 28.54 ms)

```
Run 9: Statistics of FillP

Start at: 2018-06-05 06:54:42
End at: 2018-06-05 06:55:12
Local clock offset: -4.681 ms
Remote clock offset: -5.763 ms


# Below is generated by plot.py at 2018-06-05 07:27:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 29.196 ms
Loss rate: 4.02%
-- Flow 1:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 29.196 ms
Loss rate: 4.02%
```

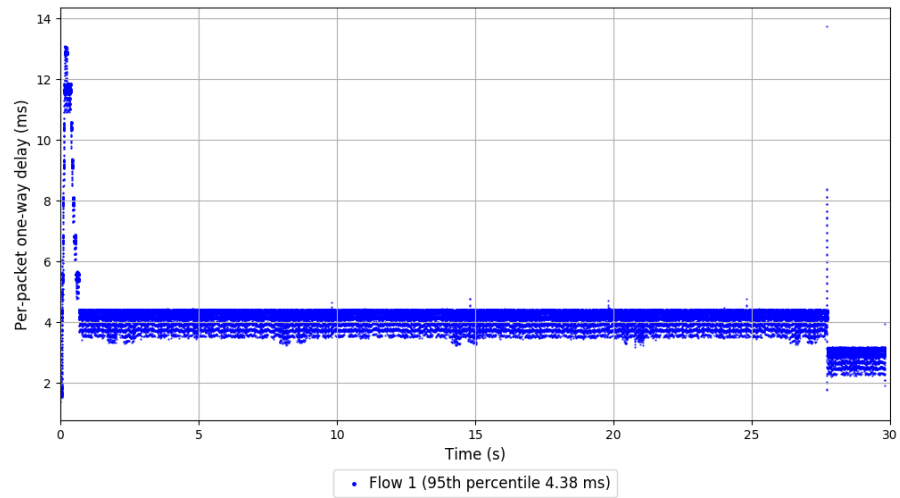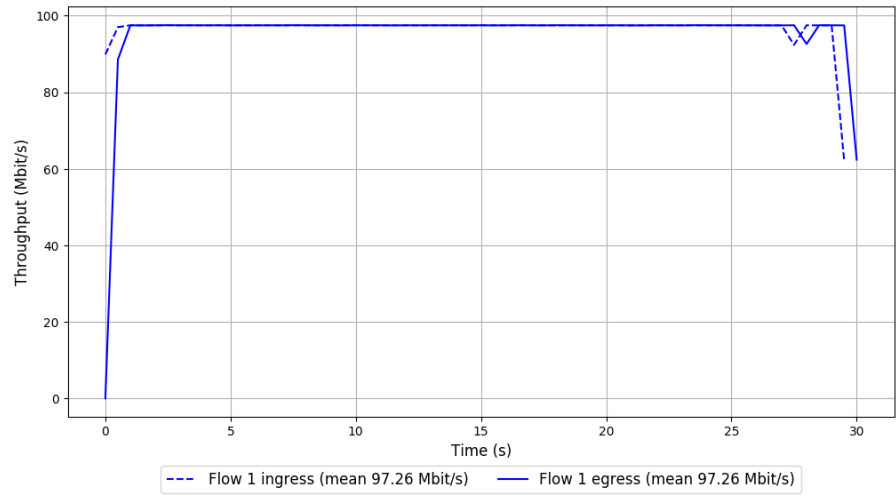# Run 9: Report of FillP — Data Link

--- Flow 1 ingress (mean 100.10 Mbit/s) —— Flow 1 egress (mean 95.98 Mbit/s)

• Flow 1 (95th percentile 29.20 ms)

```
Run 10: Statistics of FillP

Start at: 2018-06-05 07:12:37
End at: 2018-06-05 07:13:07
Local clock offset: -6.336 ms
Remote clock offset: -7.884 ms


# Below is generated by plot.py at 2018-06-05 07:28:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.99 Mbit/s
95th percentile per-packet one-way delay: 30.818 ms
Loss rate: 4.02%
-- Flow 1:
Average throughput: 95.99 Mbit/s
95th percentile per-packet one-way delay: 30.818 ms
Loss rate: 4.02%
```

Run 10: Report of FillP — Data Link

Flow 1 ingress (mean 100.10 Mbit/s)   Flow 1 egress (mean 95.99 Mbit/s)

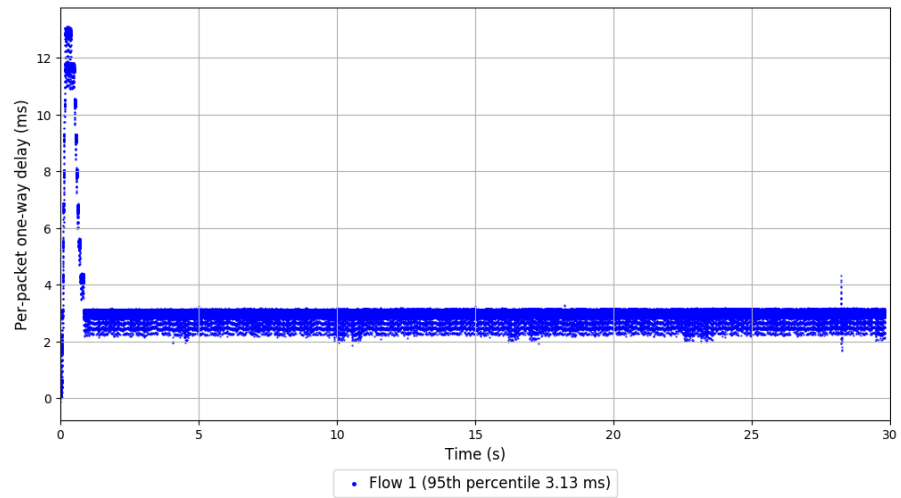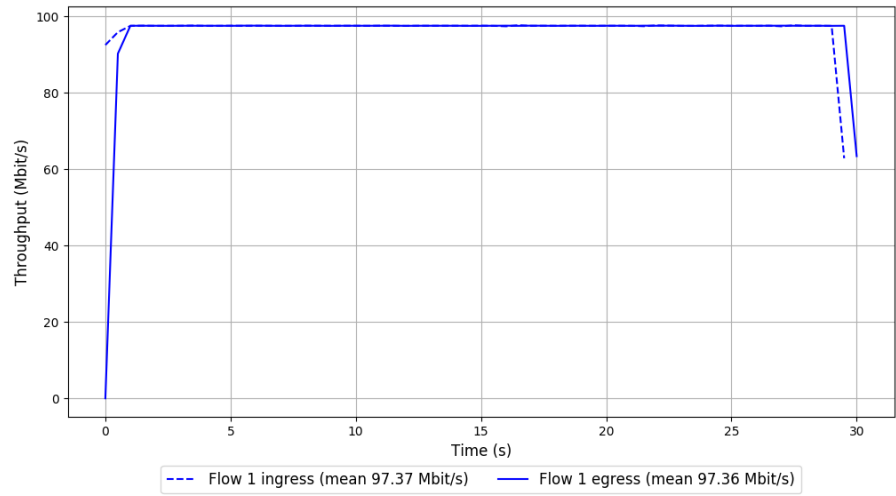Flow 1 (95th percentile 30.82 ms)

```
Run 1: Statistics of Indigo

Start at: 2018-06-05 04:20:19
End at: 2018-06-05 04:20:49
Local clock offset: -5.101 ms
Remote clock offset: -1.638 ms


# Below is generated by plot.py at 2018-06-05 07:28:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.26 Mbit/s
95th percentile per-packet one-way delay: 4.378 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.26 Mbit/s
95th percentile per-packet one-way delay: 4.378 ms
Loss rate: 0.00%
```

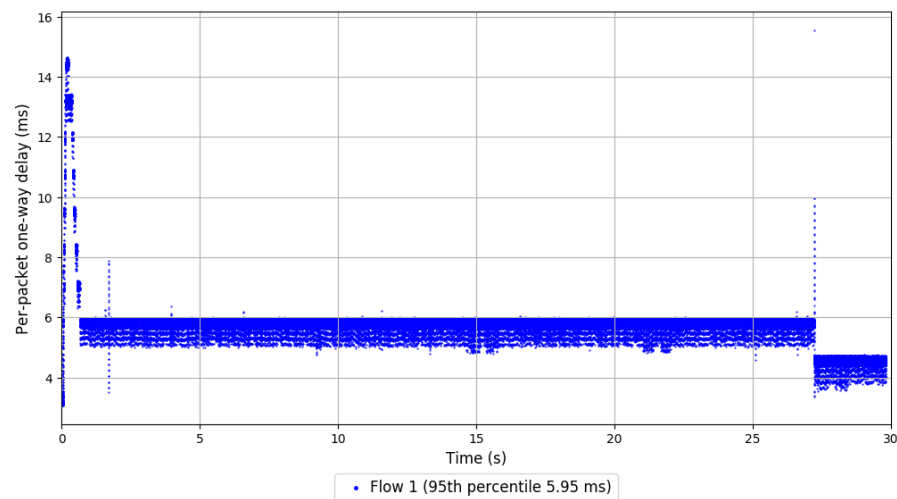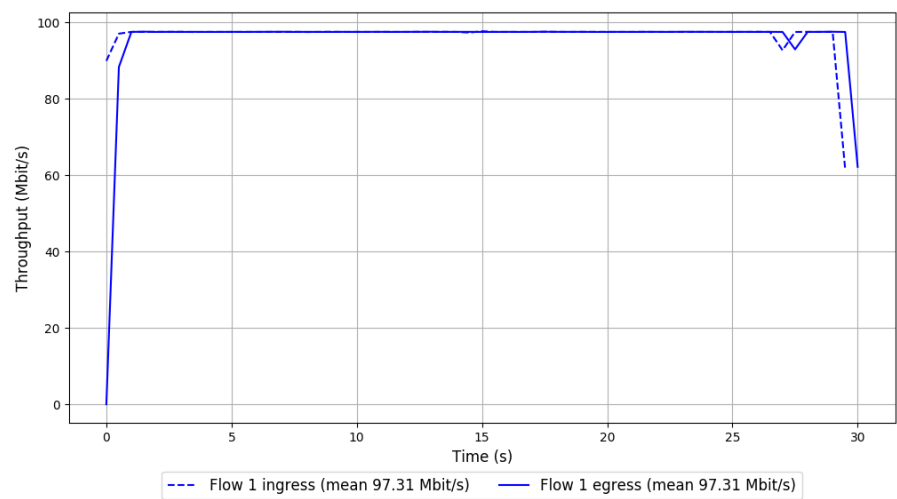Run 1: Report of Indigo — Data Link

```
Run 2: Statistics of Indigo

Start at: 2018-06-05 04:38:12
End at: 2018-06-05 04:38:43
Local clock offset: -5.076 ms
Remote clock offset: -1.923 ms


# Below is generated by plot.py at 2018-06-05 07:28:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.36 Mbit/s
95th percentile per-packet one-way delay: 3.134 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.36 Mbit/s
95th percentile per-packet one-way delay: 3.134 ms
Loss rate: 0.00%
```

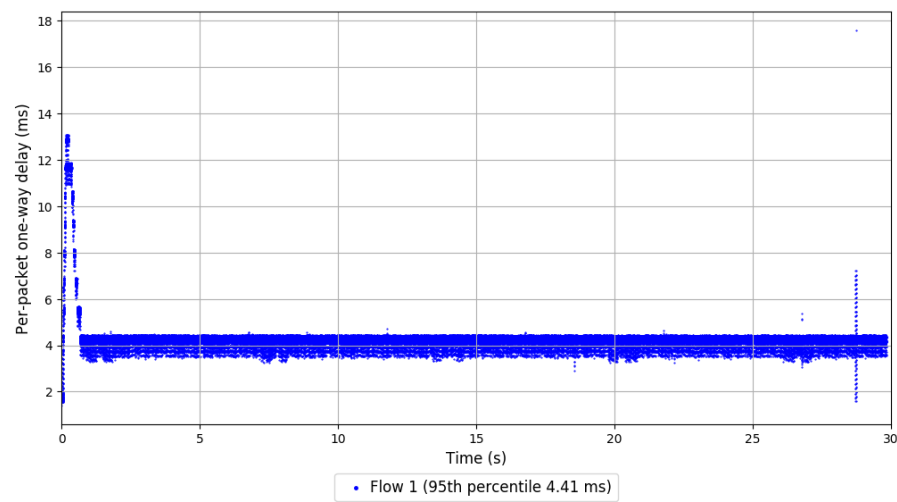Run 2: Report of Indigo — Data Link

```
Run 3: Statistics of Indigo

Start at: 2018-06-05 04:56:08
End at: 2018-06-05 04:56:38
Local clock offset: -6.539 ms
Remote clock offset: -2.106 ms


# Below is generated by plot.py at 2018-06-05 07:28:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.31 Mbit/s
95th percentile per-packet one-way delay: 5.949 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.31 Mbit/s
95th percentile per-packet one-way delay: 5.949 ms
Loss rate: 0.00%
```

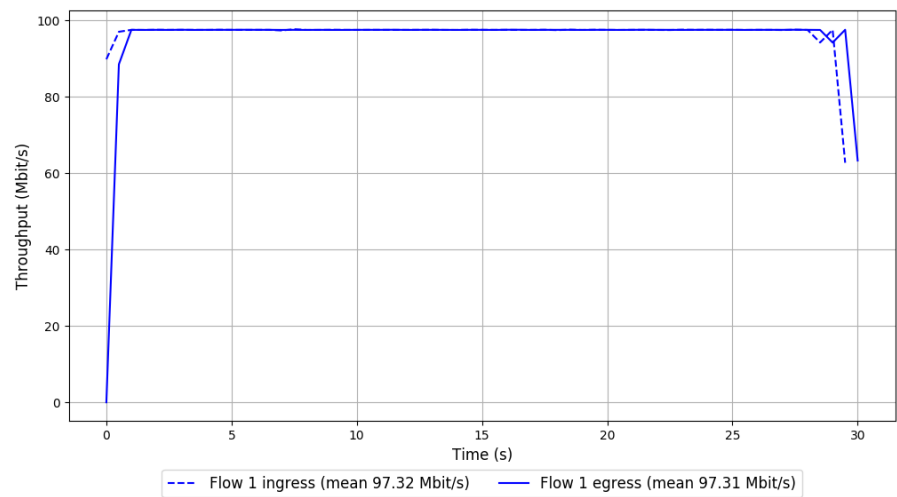## Run 3: Report of Indigo — Data Link

```
Run 4: Statistics of Indigo

Start at: 2018-06-05 05:14:02
End at: 2018-06-05 05:14:32
Local clock offset: -4.955 ms
Remote clock offset: -1.953 ms


# Below is generated by plot.py at 2018-06-05 07:28:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.31 Mbit/s
95th percentile per-packet one-way delay: 4.408 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.31 Mbit/s
95th percentile per-packet one-way delay: 4.408 ms
Loss rate: 0.00%
```

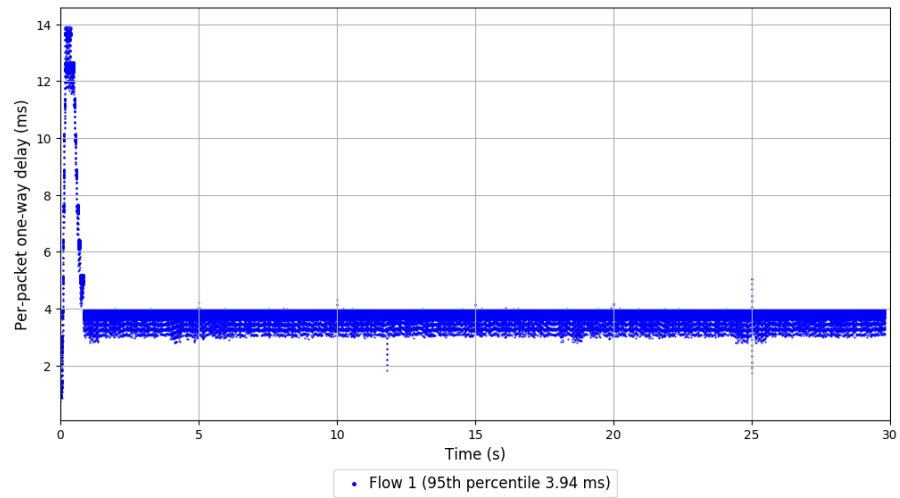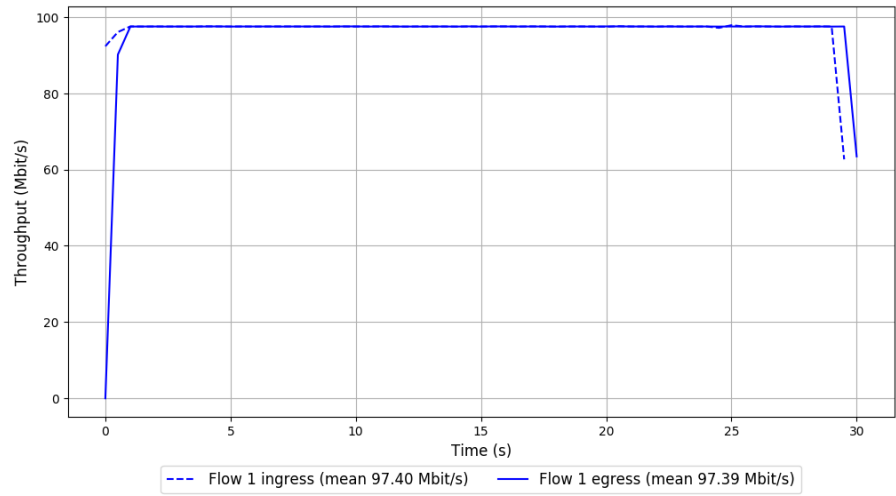Run 4: Report of Indigo — Data Link

```
Run 5: Statistics of Indigo

Start at: 2018-06-05 05:31:57
End at: 2018-06-05 05:32:27
Local clock offset: -5.743 ms
Remote clock offset: -1.854 ms


# Below is generated by plot.py at 2018-06-05 07:28:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.39 Mbit/s
95th percentile per-packet one-way delay: 3.941 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.39 Mbit/s
95th percentile per-packet one-way delay: 3.941 ms
Loss rate: 0.00%
```

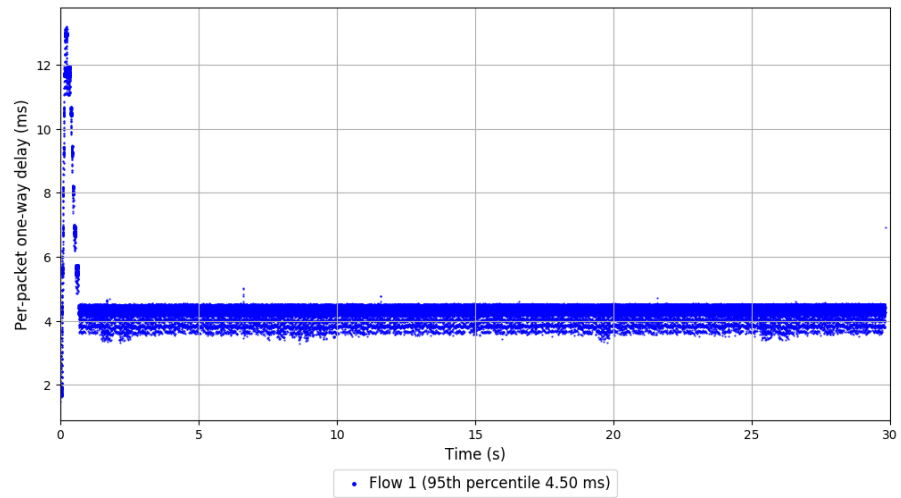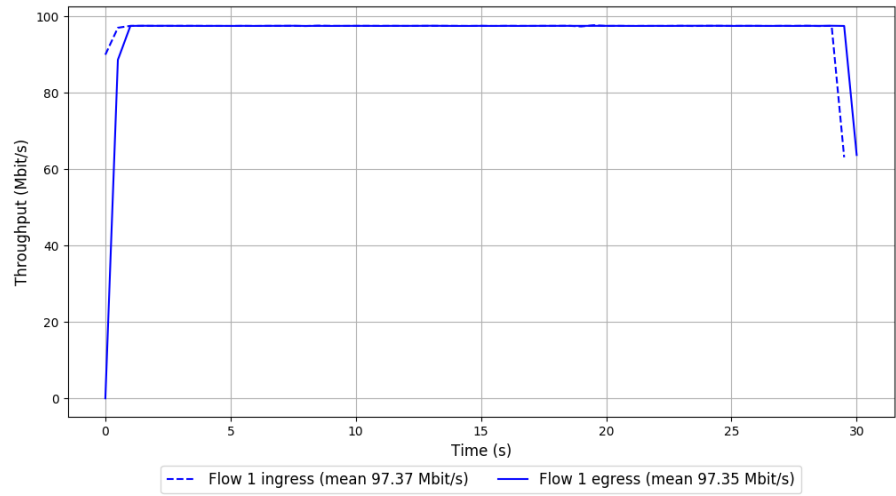Run 5: Report of Indigo — Data Link

```
Run 6: Statistics of Indigo

Start at: 2018-06-05 05:49:52
End at: 2018-06-05 05:50:22
Local clock offset: -5.162 ms
Remote clock offset: -2.574 ms


# Below is generated by plot.py at 2018-06-05 07:28:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.35 Mbit/s
95th percentile per-packet one-way delay: 4.500 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.35 Mbit/s
95th percentile per-packet one-way delay: 4.500 ms
Loss rate: 0.00%
```

Run 6: Report of Indigo — Data Link

Flow 1 ingress (mean 97.37 Mbit/s)   Flow 1 egress (mean 97.35 Mbit/s)

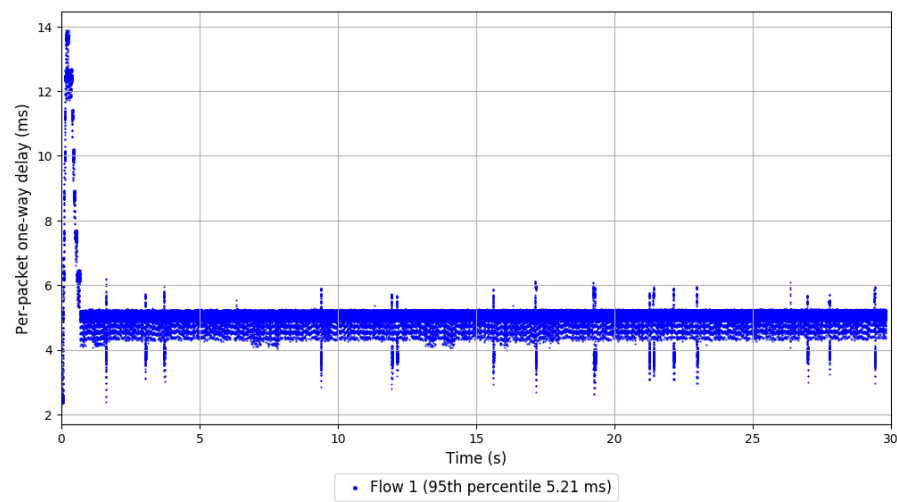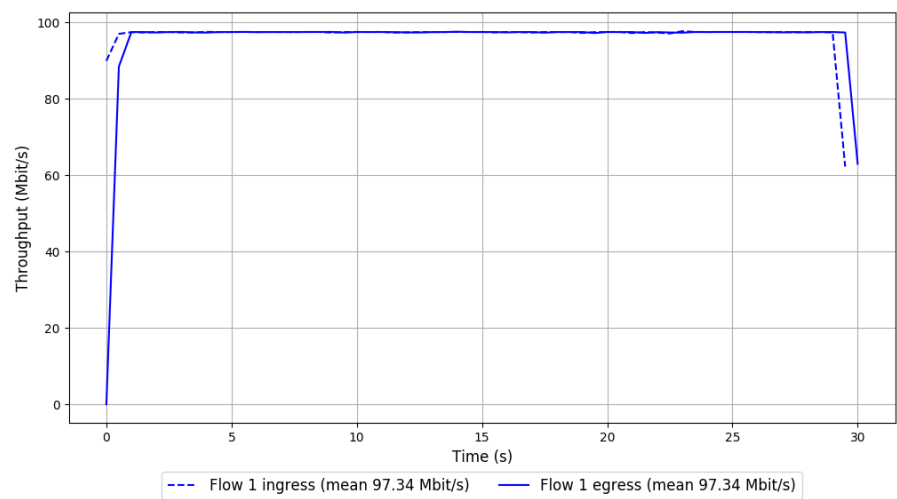Flow 1 (95th percentile 4.50 ms)

```
Run 7: Statistics of Indigo

Start at: 2018-06-05 06:07:45
End at: 2018-06-05 06:08:15
Local clock offset: -5.757 ms
Remote clock offset: -2.966 ms

# Below is generated by plot.py at 2018-06-05 07:29:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.34 Mbit/s
95th percentile per-packet one-way delay: 5.213 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.34 Mbit/s
95th percentile per-packet one-way delay: 5.213 ms
Loss rate: 0.00%
```

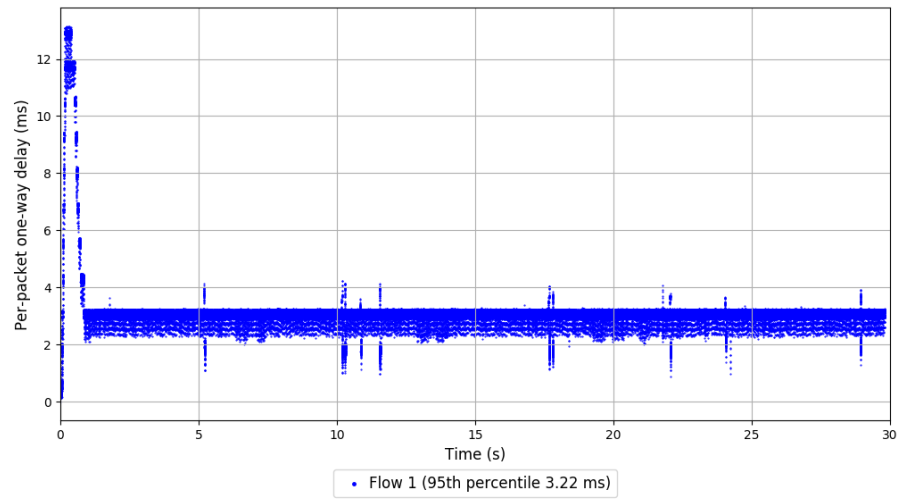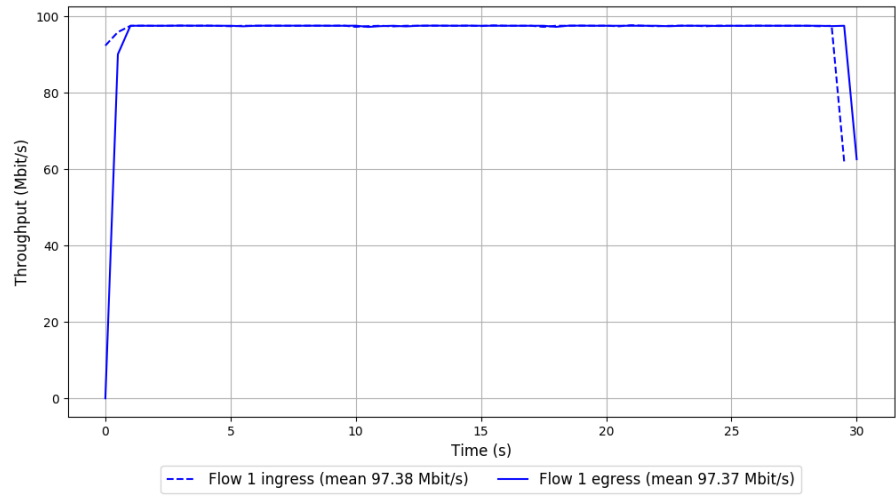Run 7: Report of Indigo — Data Link

```
Run 8: Statistics of Indigo

Start at: 2018-06-05 06:25:39
End at: 2018-06-05 06:26:09
Local clock offset: -4.775 ms
Remote clock offset: -3.171 ms


# Below is generated by plot.py at 2018-06-05 07:29:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.37 Mbit/s
95th percentile per-packet one-way delay: 3.218 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.37 Mbit/s
95th percentile per-packet one-way delay: 3.218 ms
Loss rate: 0.00%
```

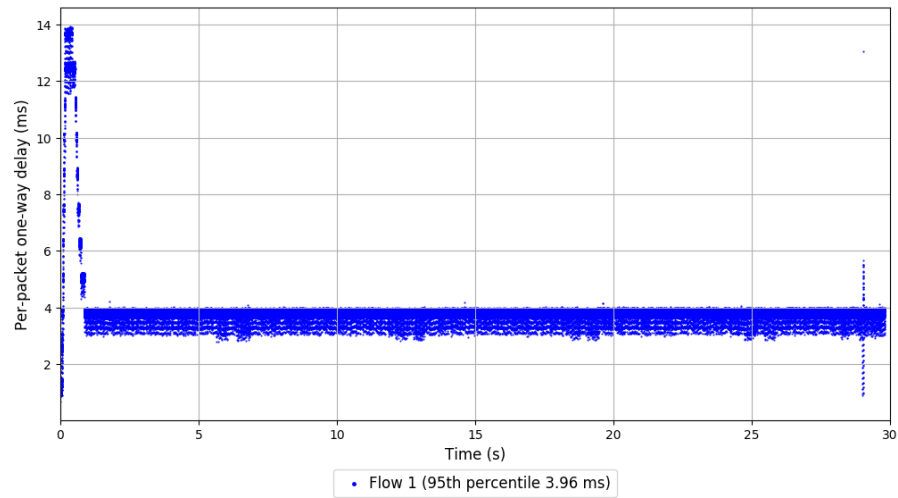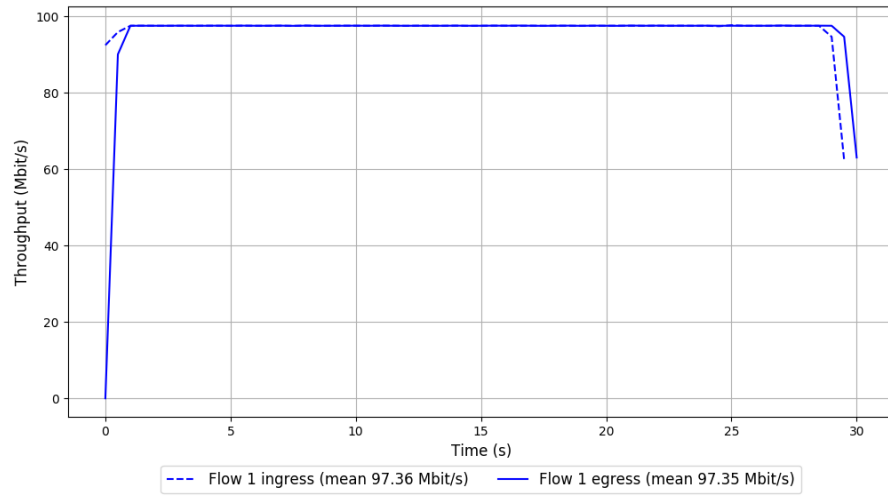Run 8: Report of Indigo — Data Link

```
Run 9: Statistics of Indigo

Start at: 2018-06-05 06:43:32
End at: 2018-06-05 06:44:02
Local clock offset: -5.429 ms
Remote clock offset: -3.317 ms


# Below is generated by plot.py at 2018-06-05 07:29:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.35 Mbit/s
95th percentile per-packet one-way delay: 3.964 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.35 Mbit/s
95th percentile per-packet one-way delay: 3.964 ms
Loss rate: 0.00%
```

Run 9: Report of Indigo — Data Link

```
Run 10: Statistics of Indigo

Start at: 2018-06-05 07:01:27
End at: 2018-06-05 07:01:57
Local clock offset: -5.374 ms
Remote clock offset: -6.785 ms


# Below is generated by plot.py at 2018-06-05 07:29:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.33 Mbit/s
95th percentile per-packet one-way delay: 3.971 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.33 Mbit/s
95th percentile per-packet one-way delay: 3.971 ms
Loss rate: 0.00%
```
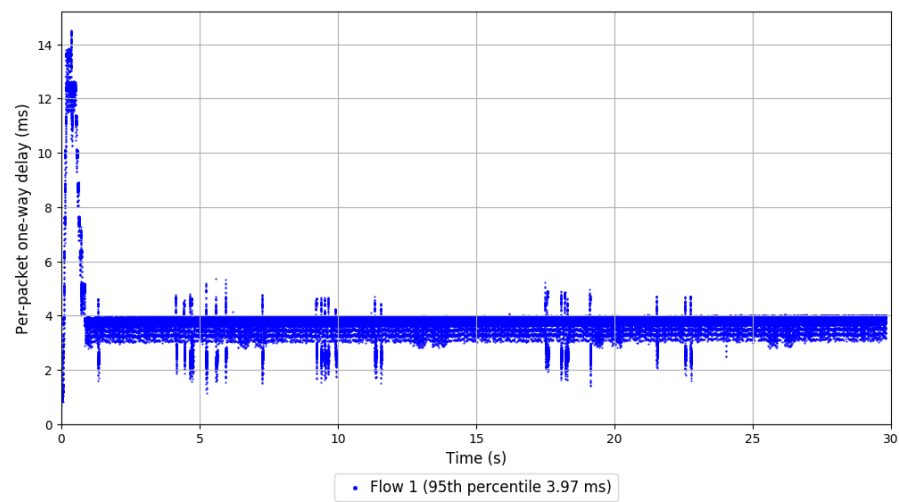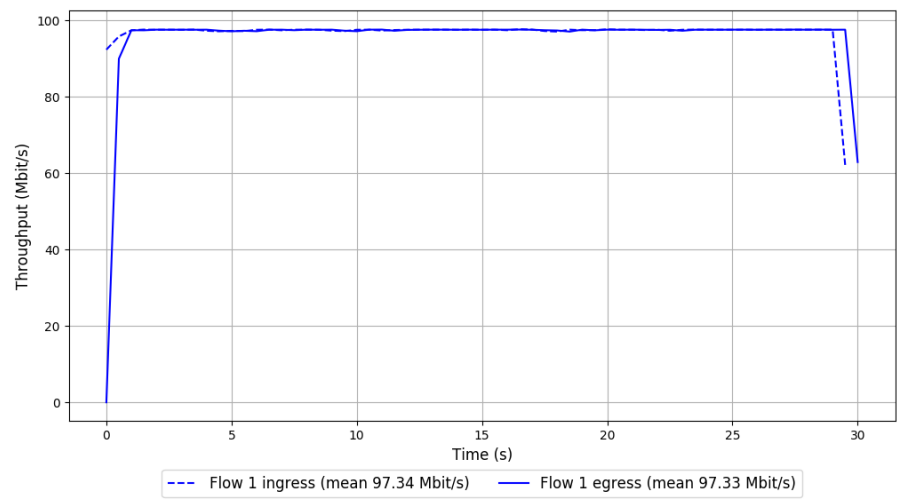
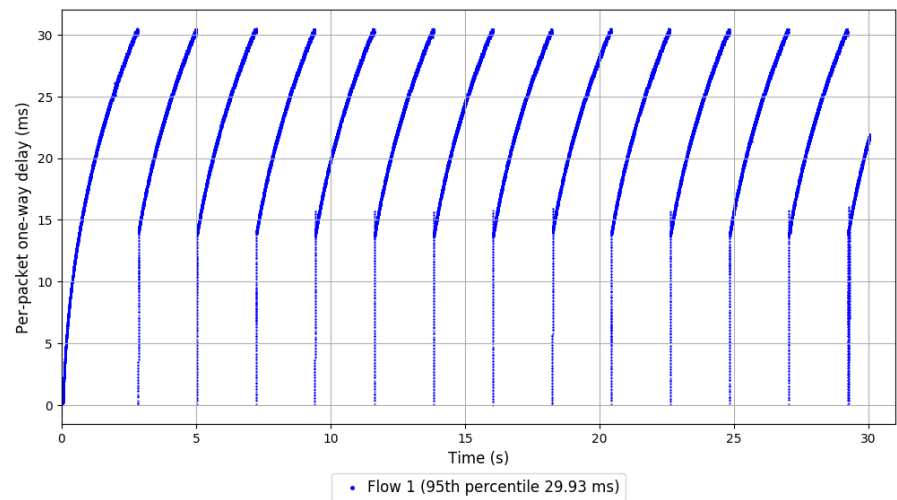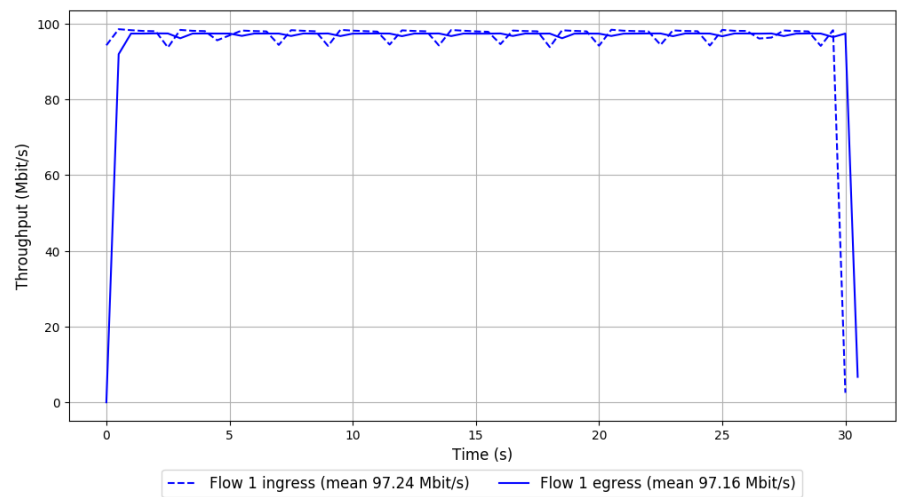Run 10: Report of Indigo — Data Link

```
Run 1: Statistics of LEDBAT

Start at: 2018-06-05 04:24:49
End at: 2018-06-05 04:25:19
Local clock offset: -5.126 ms
Remote clock offset: -1.582 ms

# Below is generated by plot.py at 2018-06-05 07:29:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.16 Mbit/s
95th percentile per-packet one-way delay: 29.929 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.16 Mbit/s
95th percentile per-packet one-way delay: 29.929 ms
Loss rate: 0.01%
```
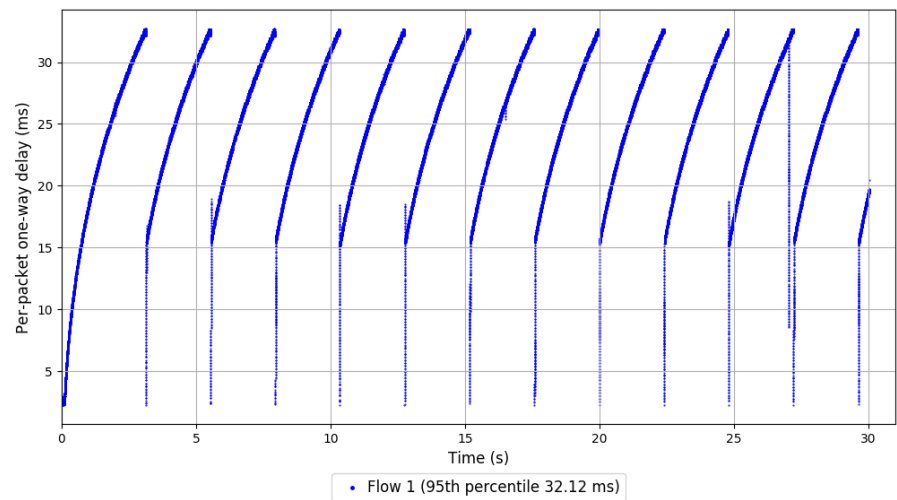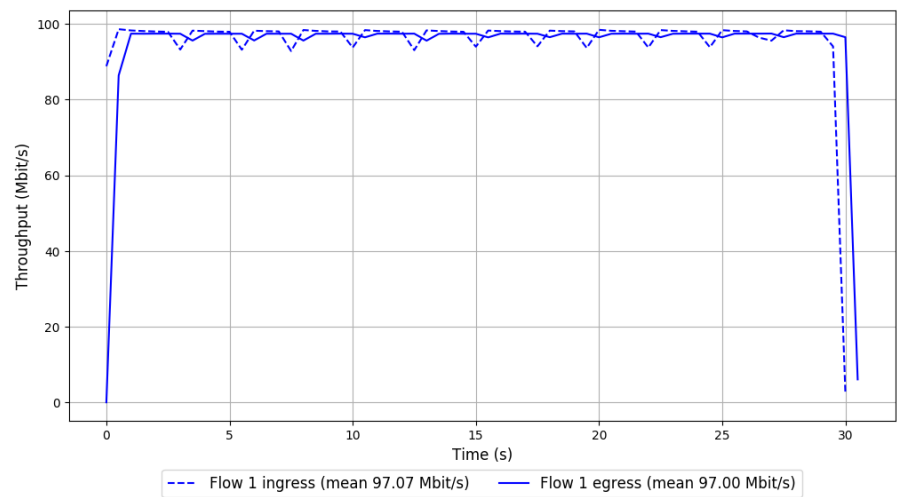
Run 1: Report of LEDBAT — Data Link

Flow 1 ingress (mean 97.24 Mbit/s)   Flow 1 egress (mean 97.16 Mbit/s)

Flow 1 (95th percentile 29.93 ms)

```
Run 2: Statistics of LEDBAT

Start at: 2018-06-05 04:42:43
End at: 2018-06-05 04:43:13
Local clock offset: -5.784 ms
Remote clock offset: -2.027 ms


# Below is generated by plot.py at 2018-06-05 07:29:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.00 Mbit/s
95th percentile per-packet one-way delay: 32.118 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.00 Mbit/s
95th percentile per-packet one-way delay: 32.118 ms
Loss rate: 0.01%
```

Run 2: Report of LEDBAT — Data Link

Flow 1 ingress (mean 97.07 Mbit/s)   Flow 1 egress (mean 97.00 Mbit/s)

Flow 1 (95th percentile 32.12 ms)

```
Run 3: Statistics of LEDBAT

Start at: 2018-06-05 05:00:39
End at: 2018-06-05 05:01:09
Local clock offset: -4.922 ms
Remote clock offset: -2.11 ms


# Below is generated by plot.py at 2018-06-05 07:29:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.22 Mbit/s
95th percentile per-packet one-way delay: 29.877 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.22 Mbit/s
95th percentile per-packet one-way delay: 29.877 ms
Loss rate: 0.01%
```
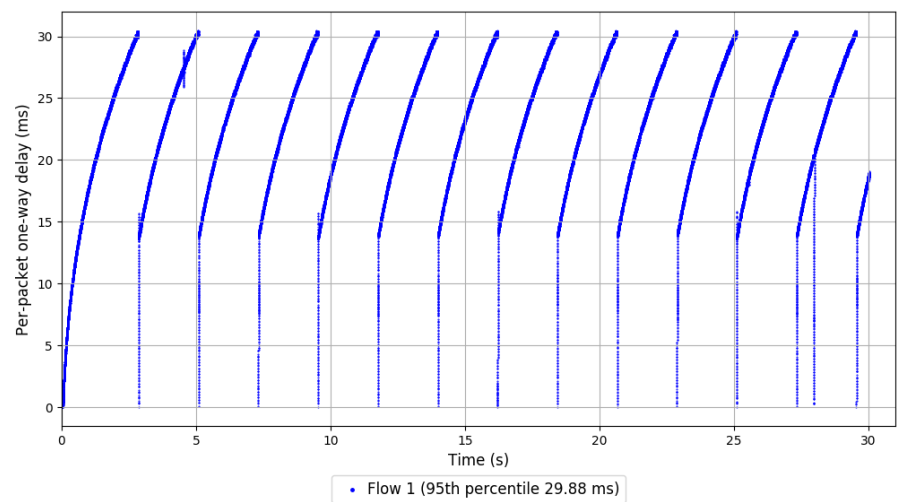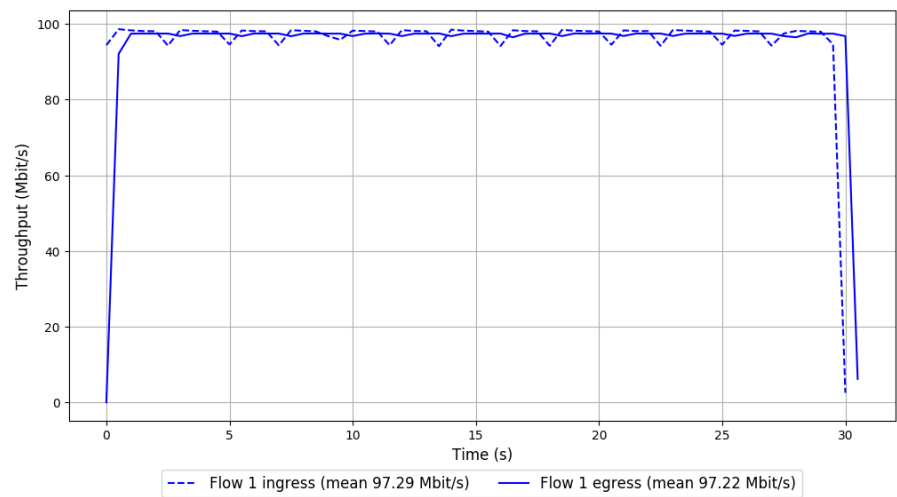
Run 3: Report of LEDBAT — Data Link

Flow 1 ingress (mean 97.29 Mbit/s) — Flow 1 egress (mean 97.22 Mbit/s)

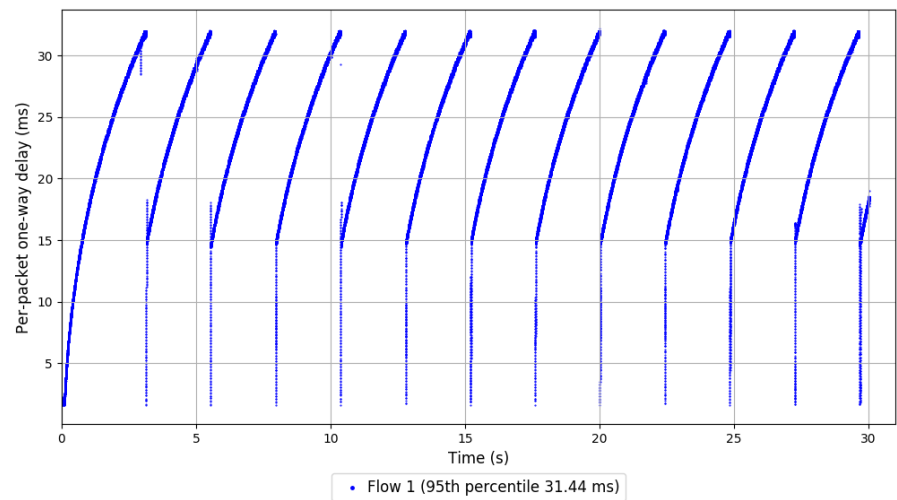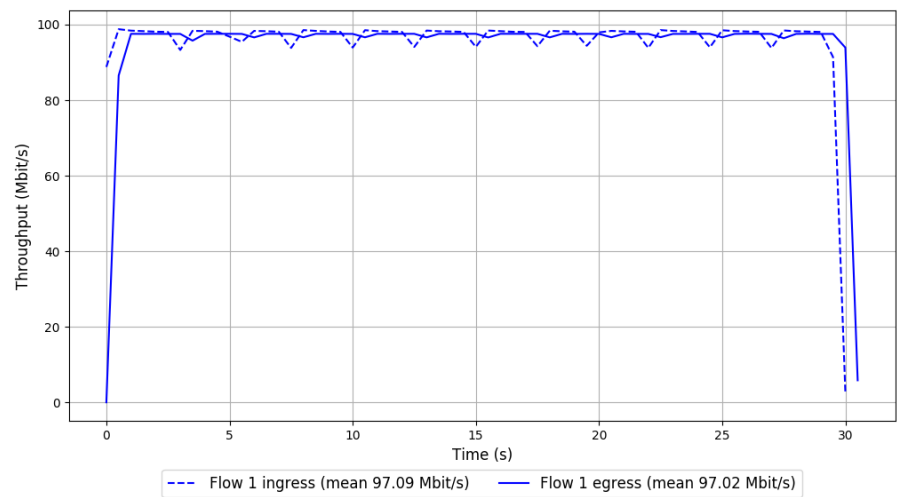Flow 1 (95th percentile 29.88 ms)

```
Run 4: Statistics of LEDBAT

Start at: 2018-06-05 05:18:33
End at: 2018-06-05 05:19:03
Local clock offset: -5.027 ms
Remote clock offset: -1.932 ms

# Below is generated by plot.py at 2018-06-05 07:29:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.02 Mbit/s
95th percentile per-packet one-way delay: 31.441 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.02 Mbit/s
95th percentile per-packet one-way delay: 31.441 ms
Loss rate: 0.01%
```

Run 4: Report of LEDBAT — Data Link

Flow 1 ingress (mean 97.09 Mbit/s) ——— Flow 1 egress (mean 97.02 Mbit/s)

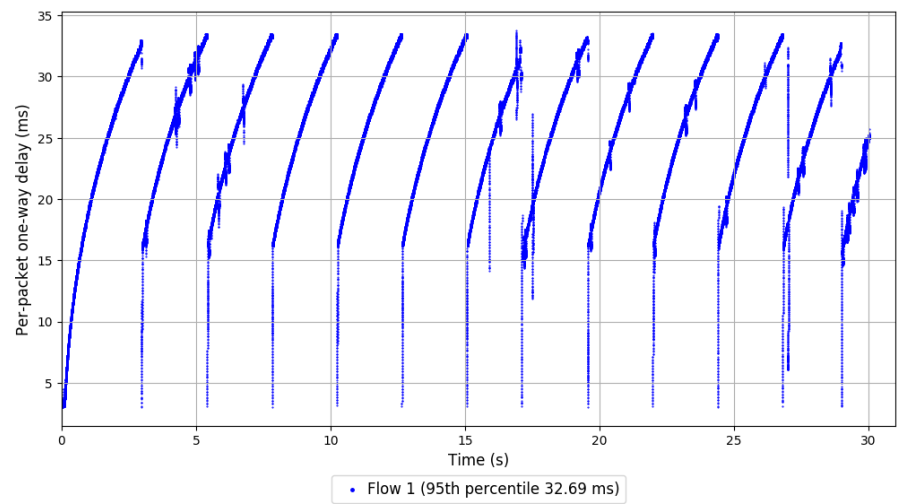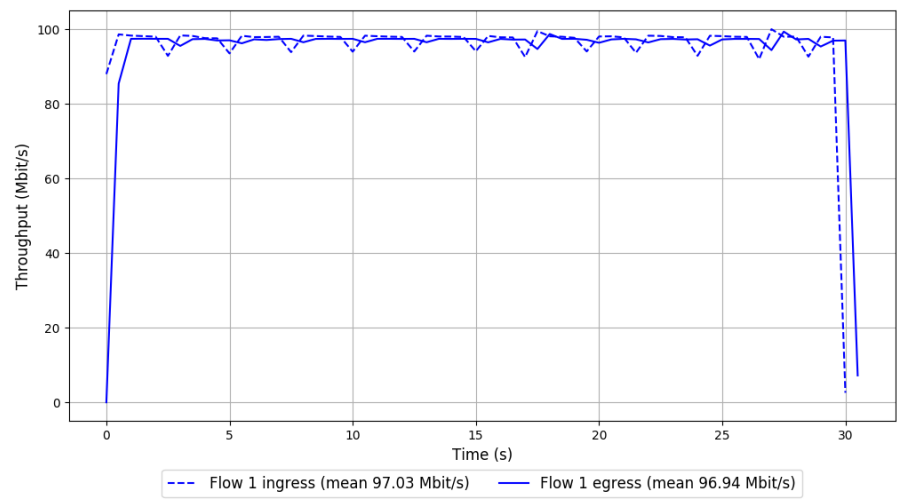• Flow 1 (95th percentile 31.44 ms)

111

```
Run 5: Statistics of LEDBAT

Start at: 2018-06-05 05:36:27
End at: 2018-06-05 05:36:57
Local clock offset: -6.595 ms
Remote clock offset: -1.908 ms


# Below is generated by plot.py at 2018-06-05 07:30:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.94 Mbit/s
95th percentile per-packet one-way delay: 32.688 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.94 Mbit/s
95th percentile per-packet one-way delay: 32.688 ms
Loss rate: 0.02%
```

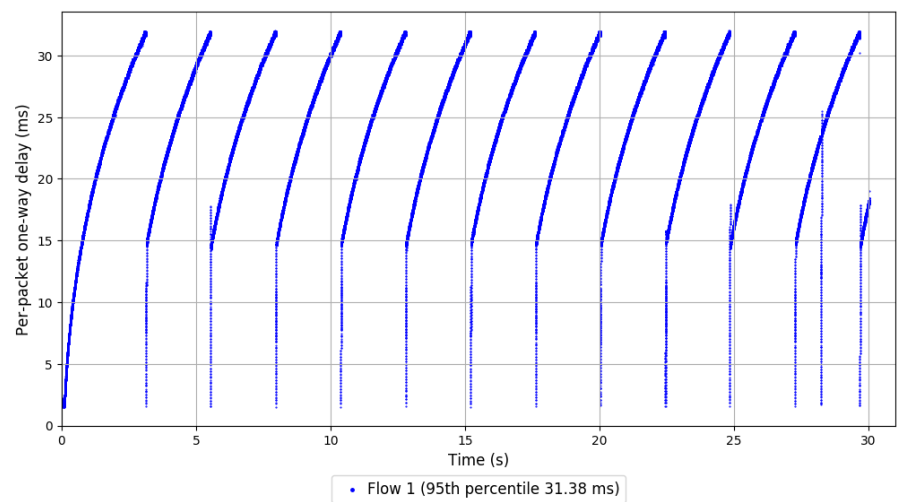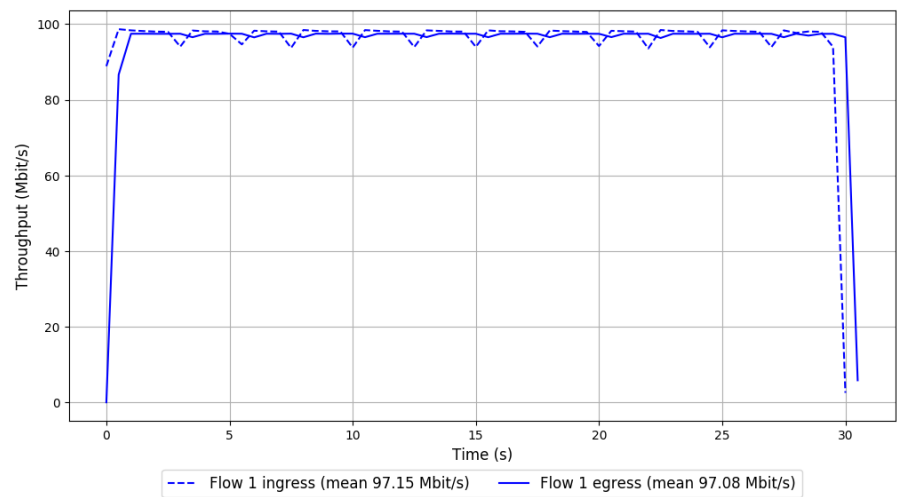# Run 5: Report of LEDBAT — Data Link

```
Run 6: Statistics of LEDBAT

Start at: 2018-06-05 05:54:22
End at: 2018-06-05 05:54:52
Local clock offset: -5.098 ms
Remote clock offset: -2.749 ms


# Below is generated by plot.py at 2018-06-05 07:30:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 31.379 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 31.379 ms
Loss rate: 0.01%
```

Run 6: Report of LEDBAT — Data Link

Flow 1 ingress (mean 97.15 Mbit/s)   Flow 1 egress (mean 97.08 Mbit/s)

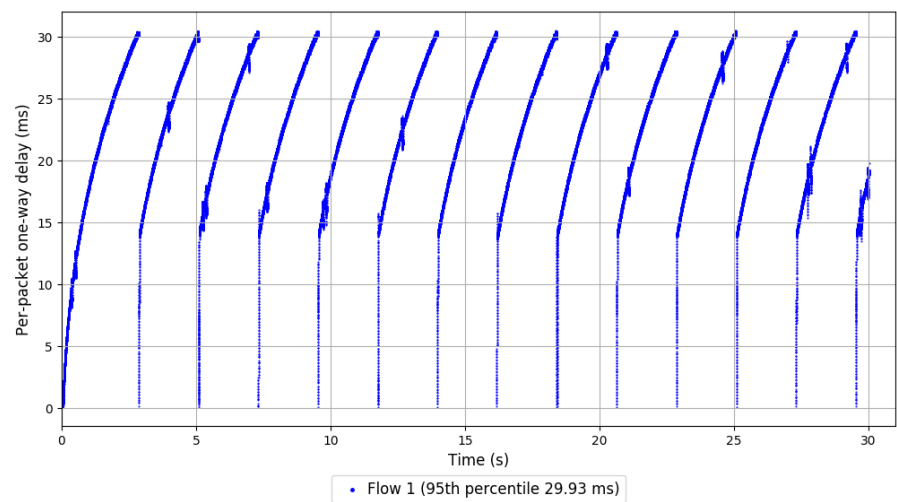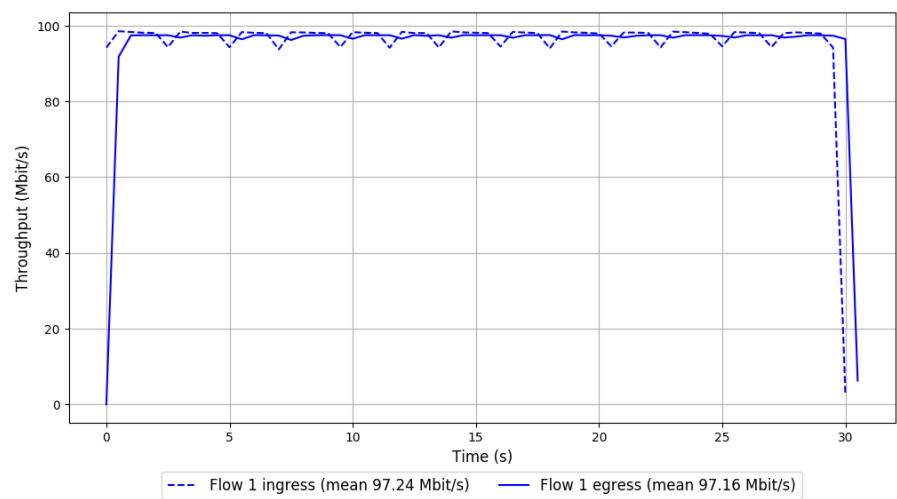

Flow 1 (95th percentile 31.38 ms)

```
Run 7: Statistics of LEDBAT

Start at: 2018-06-05 06:12:15
End at: 2018-06-05 06:12:45
Local clock offset: -4.875 ms
Remote clock offset: -3.047 ms


# Below is generated by plot.py at 2018-06-05 07:30:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.16 Mbit/s
95th percentile per-packet one-way delay: 29.930 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.16 Mbit/s
95th percentile per-packet one-way delay: 29.930 ms
Loss rate: 0.01%
```

Run 7: Report of LEDBAT — Data Link

Flow 1 ingress (mean 97.24 Mbit/s)   Flow 1 egress (mean 97.16 Mbit/s)

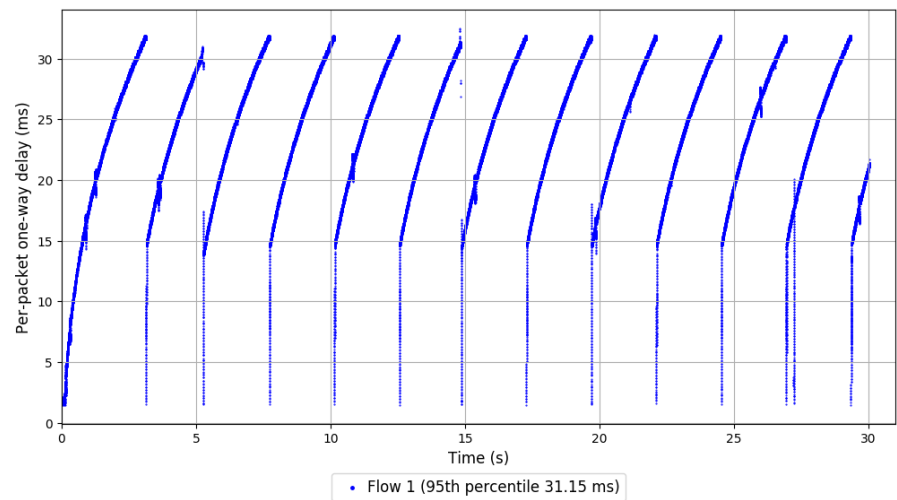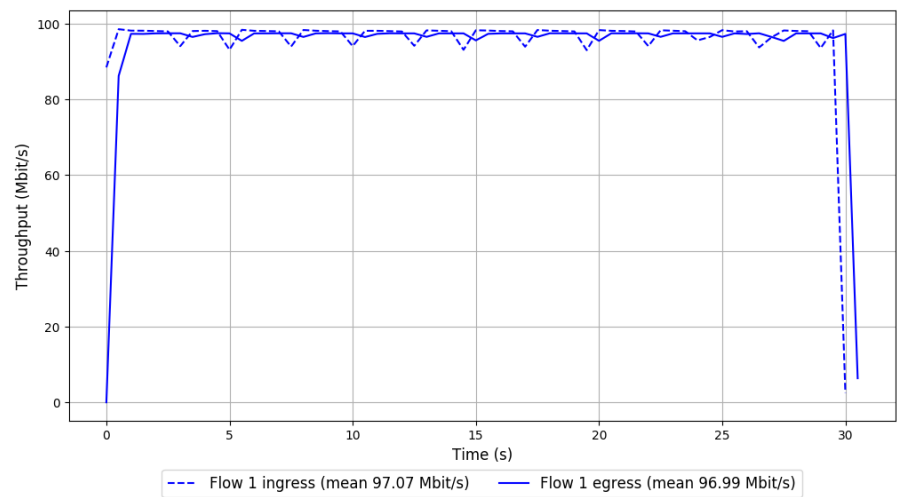Flow 1 (95th percentile 29.93 ms)

```
Run 8: Statistics of LEDBAT

Start at: 2018-06-05 06:30:10
End at: 2018-06-05 06:30:40
Local clock offset: -4.685 ms
Remote clock offset: -3.271 ms


# Below is generated by plot.py at 2018-06-05 07:30:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.99 Mbit/s
95th percentile per-packet one-way delay: 31.146 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.99 Mbit/s
95th percentile per-packet one-way delay: 31.146 ms
Loss rate: 0.02%
```

Run 8: Report of LEDBAT — Data Link

Flow 1 ingress (mean 97.07 Mbit/s)   Flow 1 egress (mean 96.99 Mbit/s)

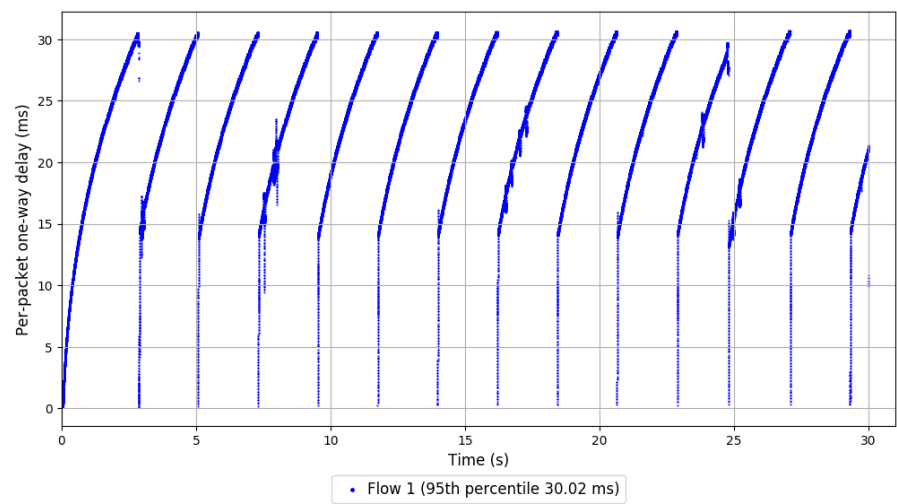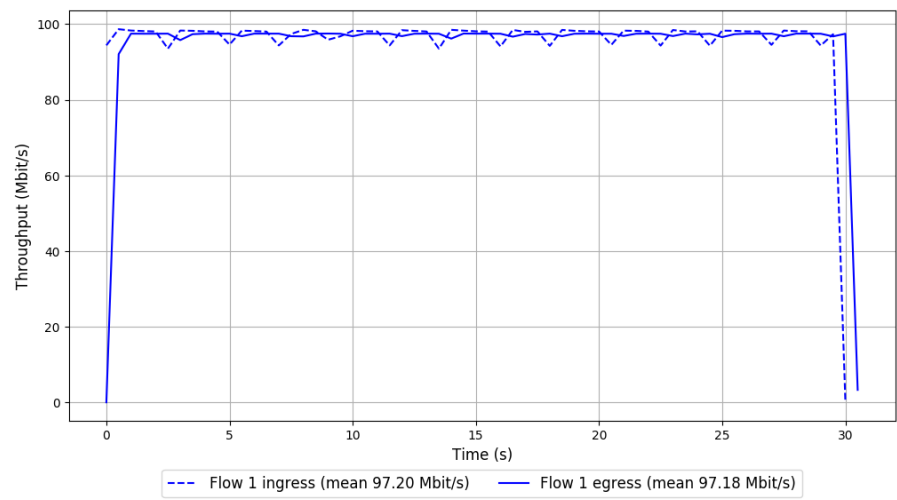Flow 1 (95th percentile 31.15 ms)

```
Run 9: Statistics of LEDBAT

Start at: 2018-06-05 06:48:03
End at: 2018-06-05 06:48:33
Local clock offset: -4.639 ms
Remote clock offset: -3.662 ms


# Below is generated by plot.py at 2018-06-05 07:30:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 30.015 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 30.015 ms
Loss rate: 0.02%
```

Run 9: Report of LEDBAT — Data Link

Flow 1 ingress (mean 97.20 Mbit/s) ----- Flow 1 egress (mean 97.18 Mbit/s)

• Flow 1 (95th percentile 30.02 ms)

```
Run 10: Statistics of LEDBAT

Start at: 2018-06-05 07:05:58
End at: 2018-06-05 07:06:28
Local clock offset: -5.42 ms
Remote clock offset: -7.356 ms


# Below is generated by plot.py at 2018-06-05 07:30:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 31.929 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 31.929 ms
Loss rate: 0.01%
```
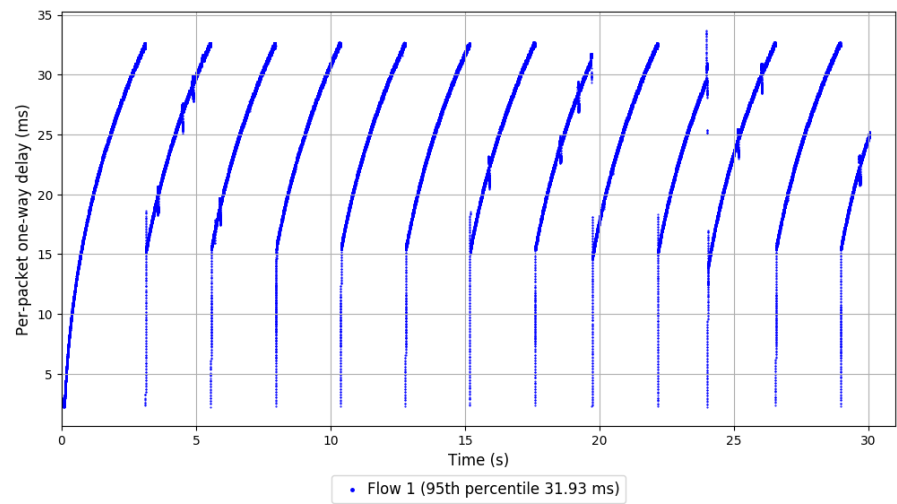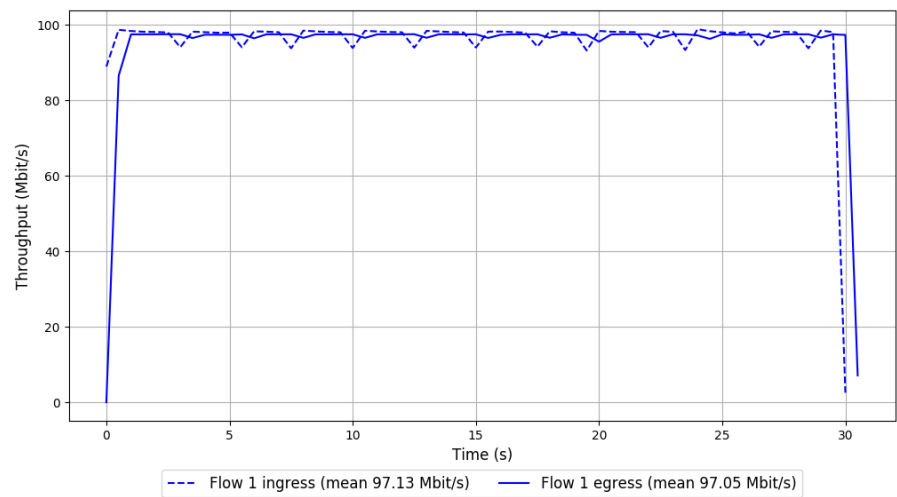
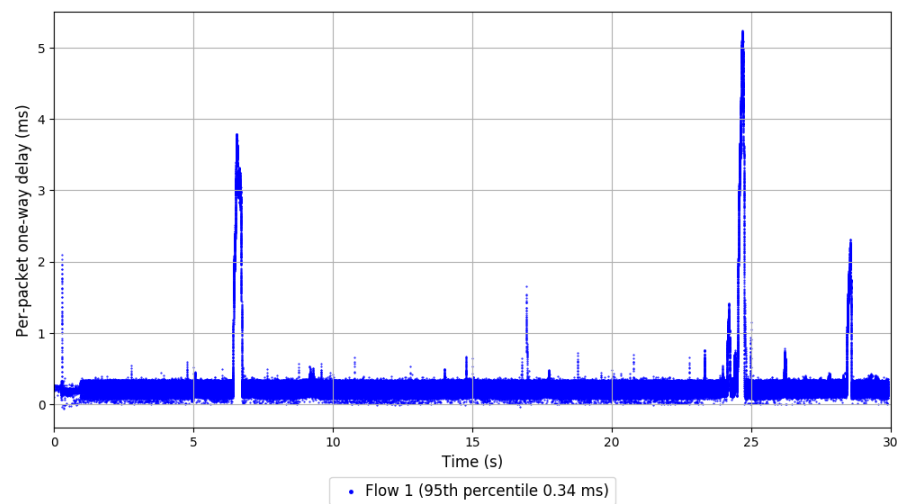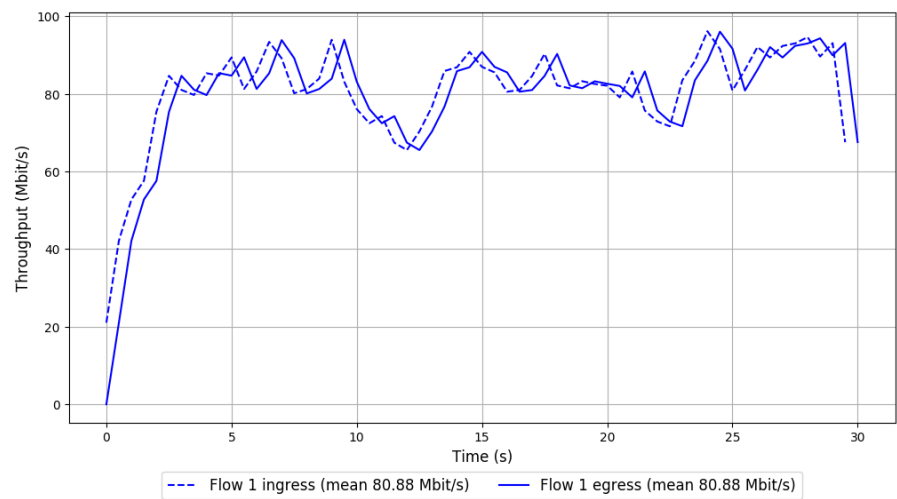Run 10: Report of LEDBAT — Data Link

```
Run 1: Statistics of PCC-Allegro

Start at: 2018-06-05 04:18:08
End at: 2018-06-05 04:18:38
Local clock offset: -5.093 ms
Remote clock offset: -1.599 ms

# Below is generated by plot.py at 2018-06-05 07:30:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.88 Mbit/s
95th percentile per-packet one-way delay: 0.341 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.88 Mbit/s
95th percentile per-packet one-way delay: 0.341 ms
Loss rate: 0.00%
```

Run 1: Report of PCC-Allegro — Data Link

Flow 1 ingress (mean 80.88 Mbit/s)　　Flow 1 egress (mean 80.88 Mbit/s)

Flow 1 (95th percentile 0.34 ms)

```
Run 2: Statistics of PCC-Allegro

Start at: 2018-06-05 04:36:01
End at: 2018-06-05 04:36:31
Local clock offset: -5.115 ms
Remote clock offset: -1.78 ms


# Below is generated by plot.py at 2018-06-05 07:30:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.64 Mbit/s
95th percentile per-packet one-way delay: 0.364 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 83.64 Mbit/s
95th percentile per-packet one-way delay: 0.364 ms
Loss rate: 0.00%
```
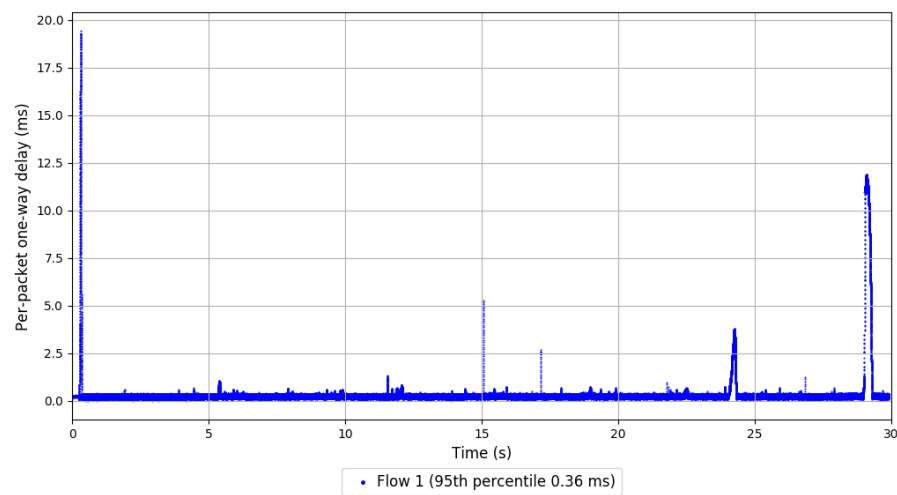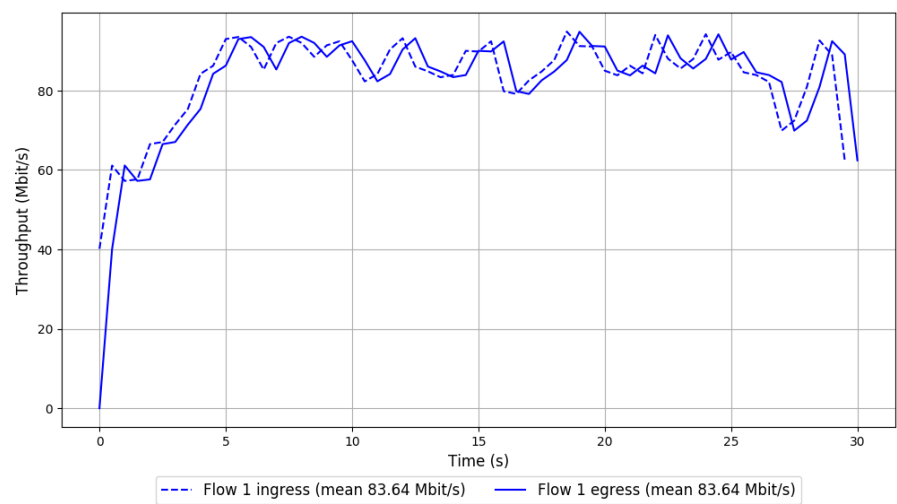
Run 2: Report of PCC-Allegro — Data Link

Flow 1 ingress (mean 83.64 Mbit/s) ----   Flow 1 egress (mean 83.64 Mbit/s) ——

Flow 1 (95th percentile 0.36 ms) •

```
Run 3: Statistics of PCC-Allegro

Start at: 2018-06-05 04:53:54
End at: 2018-06-05 04:54:24
Local clock offset: -5.719 ms
Remote clock offset: -2.085 ms


# Below is generated by plot.py at 2018-06-05 07:31:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.15 Mbit/s
95th percentile per-packet one-way delay: 3.278 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.15 Mbit/s
95th percentile per-packet one-way delay: 3.278 ms
Loss rate: 0.00%
```
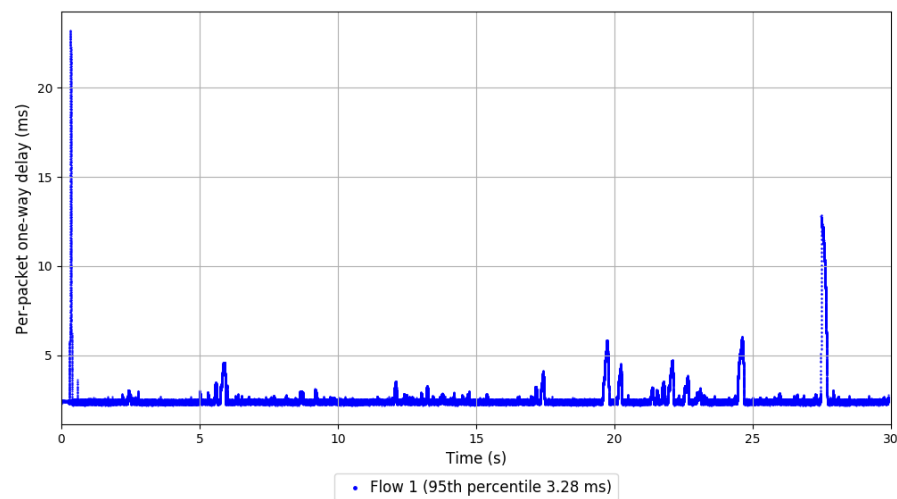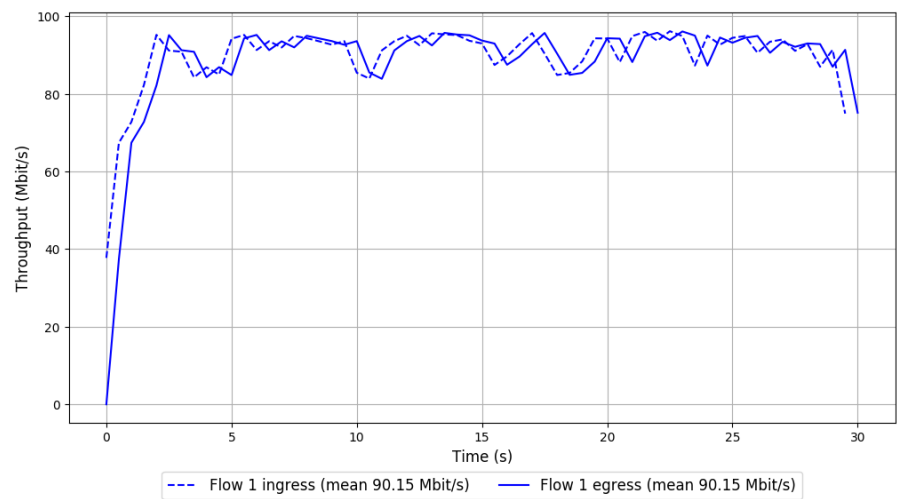
Run 3: Report of PCC-Allegro — Data Link

Flow 1 ingress (mean 90.15 Mbit/s)   Flow 1 egress (mean 90.15 Mbit/s)
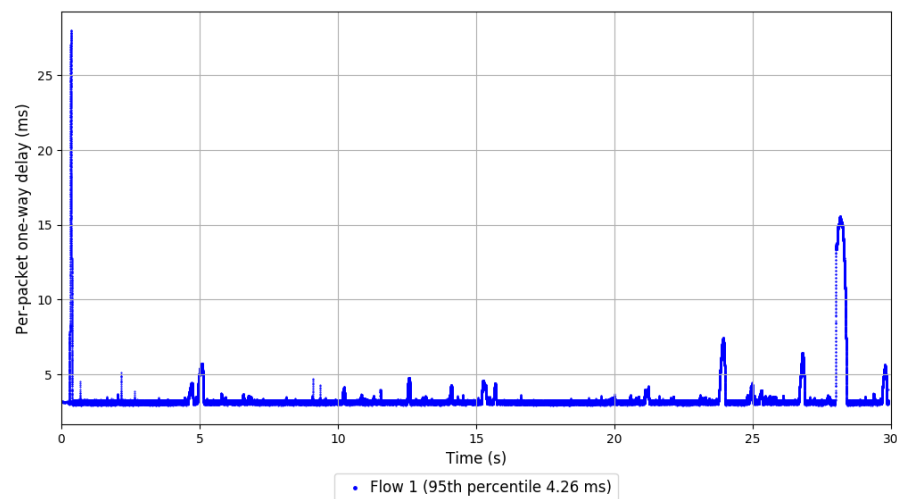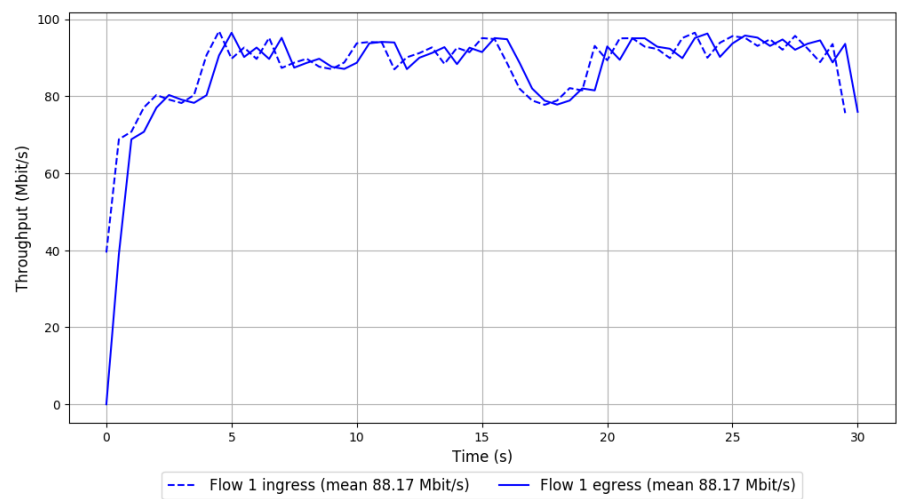

Flow 1 (95th percentile 3.28 ms)

129

```
Run 4: Statistics of PCC-Allegro

Start at: 2018-06-05 05:11:50
End at: 2018-06-05 05:12:20
Local clock offset: -6.506 ms
Remote clock offset: -2.035 ms


# Below is generated by plot.py at 2018-06-05 07:31:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.17 Mbit/s
95th percentile per-packet one-way delay: 4.265 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.17 Mbit/s
95th percentile per-packet one-way delay: 4.265 ms
Loss rate: 0.00%
```

Run 4: Report of PCC-Allegro — Data Link

```
Run 5: Statistics of PCC-Allegro

Start at: 2018-06-05 05:29:44
End at: 2018-06-05 05:30:14
Local clock offset: -4.973 ms
Remote clock offset: -1.921 ms


# Below is generated by plot.py at 2018-06-05 07:31:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.50 Mbit/s
95th percentile per-packet one-way delay: 3.565 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.50 Mbit/s
95th percentile per-packet one-way delay: 3.565 ms
Loss rate: 0.00%
```
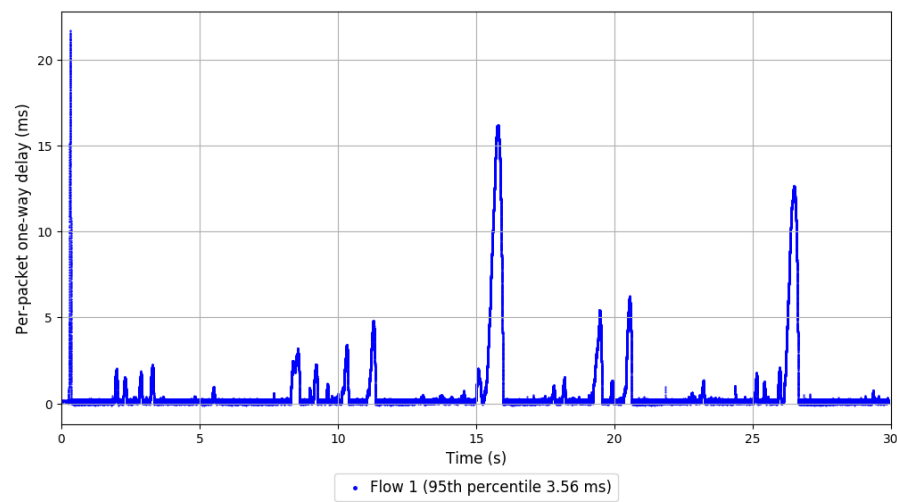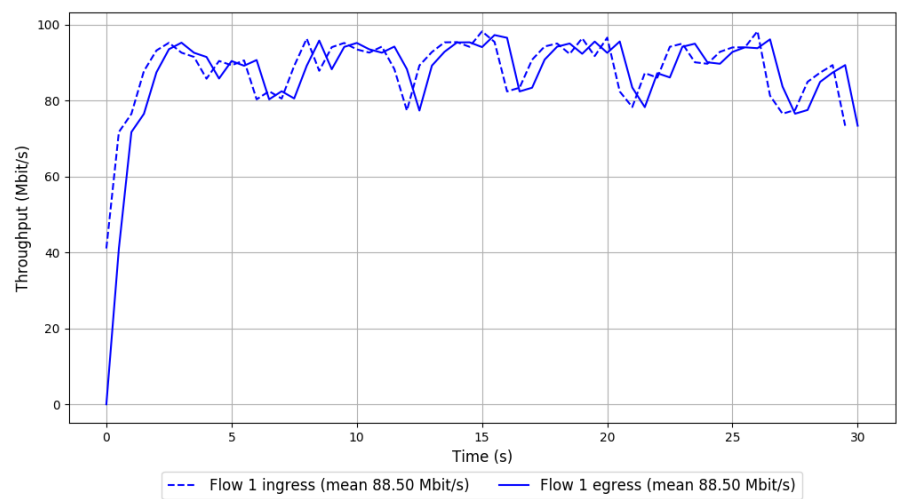
Run 5: Report of PCC-Allegro — Data Link

Flow 1 ingress (mean 88.50 Mbit/s)   Flow 1 egress (mean 88.50 Mbit/s)

Flow 1 (95th percentile 3.56 ms)

```
Run 6: Statistics of PCC-Allegro

Start at: 2018-06-05 05:47:38
End at: 2018-06-05 05:48:08
Local clock offset: -5.08 ms
Remote clock offset: -2.491 ms


# Below is generated by plot.py at 2018-06-05 07:31:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.06 Mbit/s
95th percentile per-packet one-way delay: 0.353 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 77.06 Mbit/s
95th percentile per-packet one-way delay: 0.353 ms
Loss rate: 0.00%
```
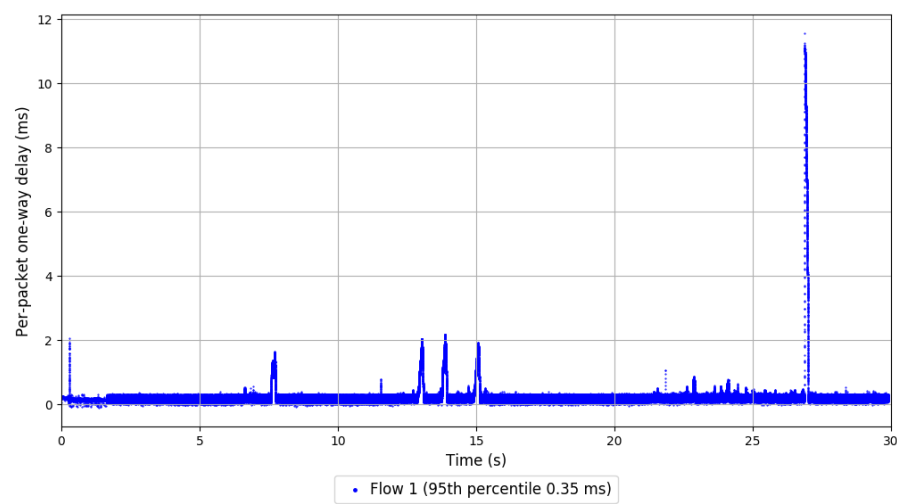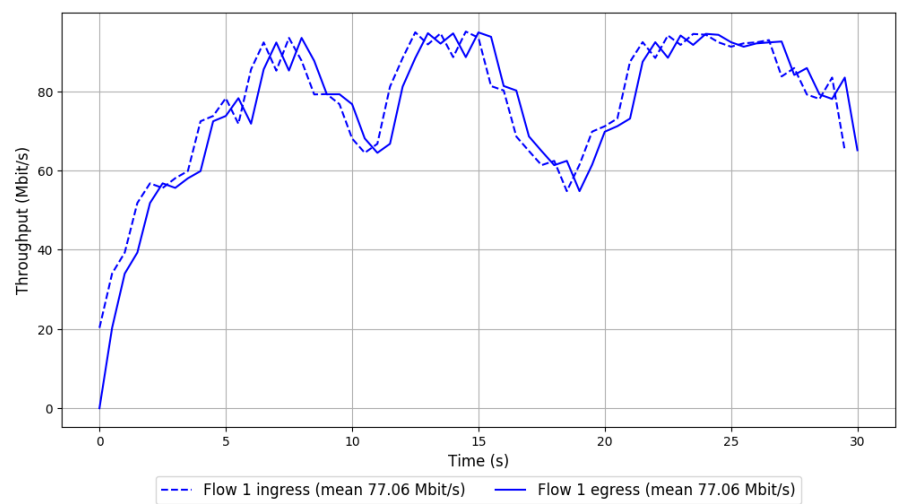
Run 6: Report of PCC-Allegro — Data Link

```
Run 7: Statistics of PCC-Allegro

Start at: 2018-06-05 06:05:33
End at: 2018-06-05 06:06:03
Local clock offset: -5.065 ms
Remote clock offset: -2.944 ms


# Below is generated by plot.py at 2018-06-05 07:31:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.13 Mbit/s
95th percentile per-packet one-way delay: 2.937 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.13 Mbit/s
95th percentile per-packet one-way delay: 2.937 ms
Loss rate: 0.00%
```
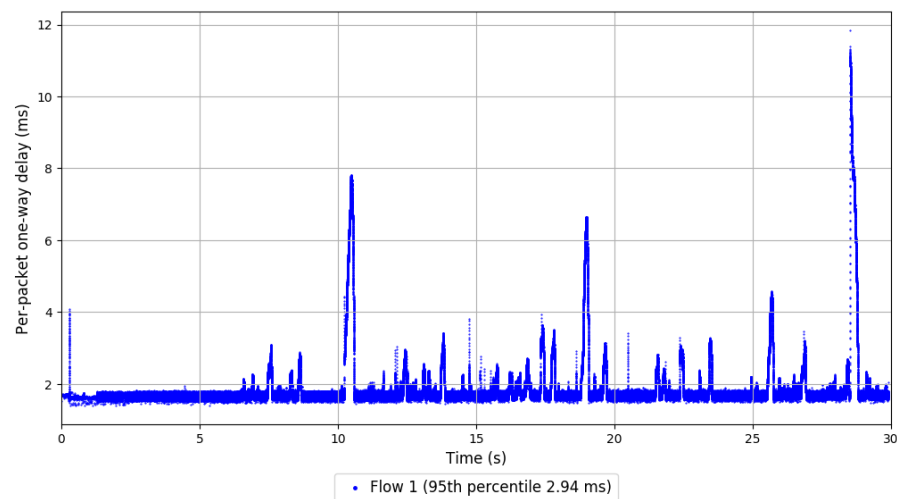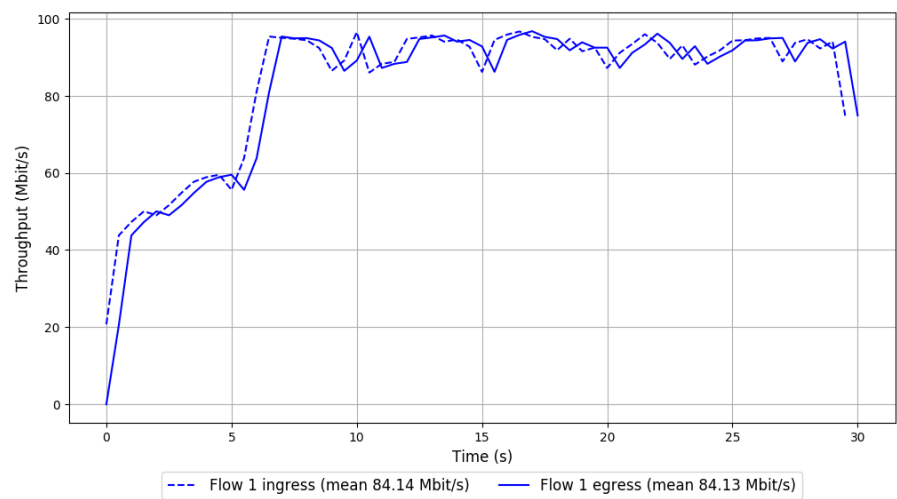
Run 7: Report of PCC-Allegro — Data Link

Flow 1 ingress (mean 84.14 Mbit/s) —— Flow 1 egress (mean 84.13 Mbit/s)

• Flow 1 (95th percentile 2.94 ms)

```
Run 8: Statistics of PCC-Allegro

Start at: 2018-06-05 06:23:26
End at: 2018-06-05 06:23:56
Local clock offset: -5.499 ms
Remote clock offset: -3.141 ms


# Below is generated by plot.py at 2018-06-05 07:31:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.41 Mbit/s
95th percentile per-packet one-way delay: 3.534 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.41 Mbit/s
95th percentile per-packet one-way delay: 3.534 ms
Loss rate: 0.00%
```
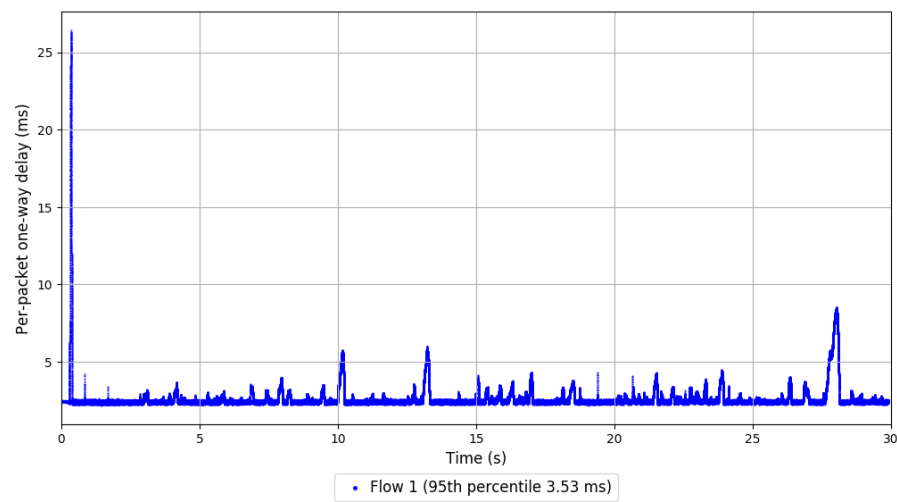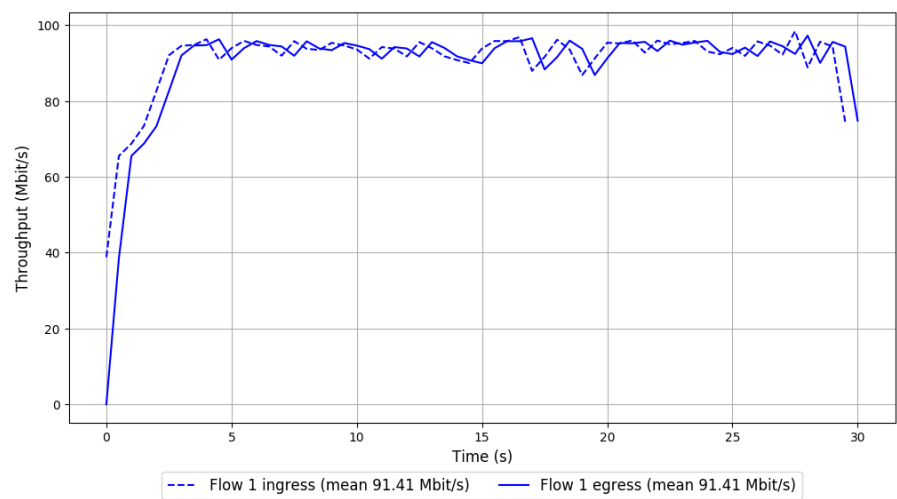
Run 8: Report of PCC-Allegro — Data Link

Flow 1 ingress (mean 91.41 Mbit/s)   Flow 1 egress (mean 91.41 Mbit/s)
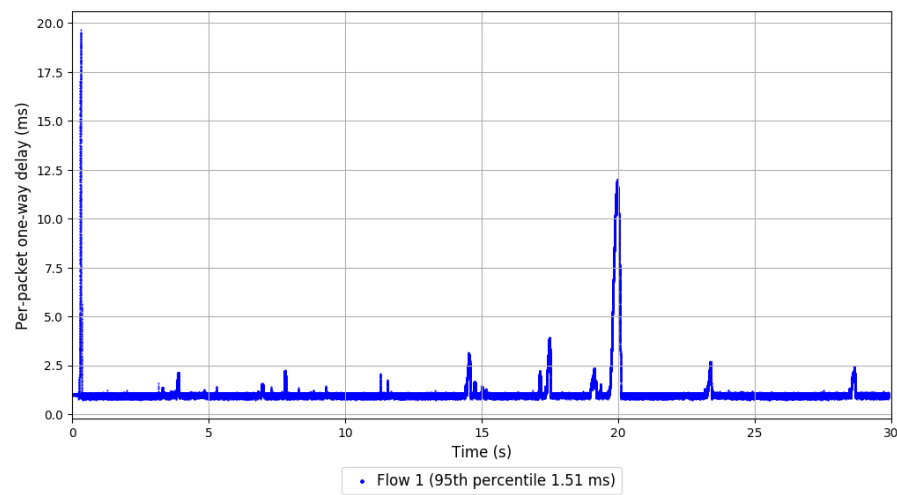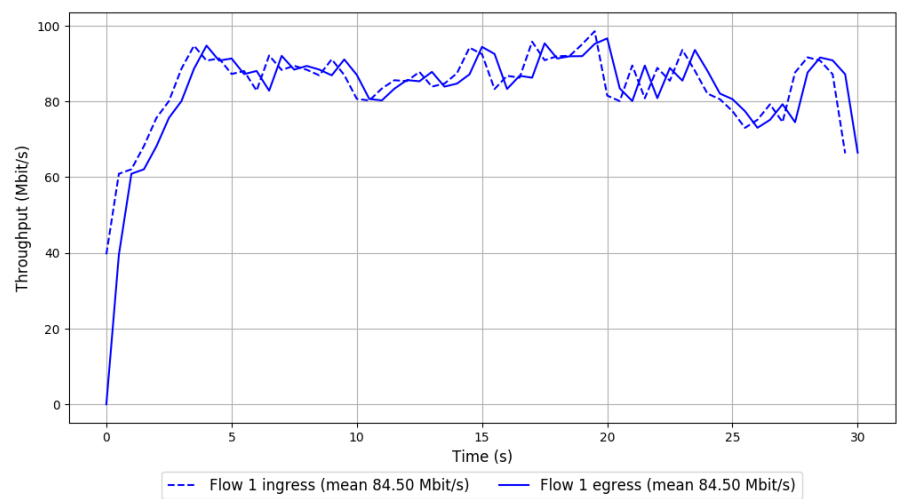

Flow 1 (95th percentile 3.53 ms)

```
Run 9: Statistics of PCC-Allegro

Start at: 2018-06-05 06:41:21
End at: 2018-06-05 06:41:52
Local clock offset: -5.426 ms
Remote clock offset: -3.299 ms


# Below is generated by plot.py at 2018-06-05 07:31:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.50 Mbit/s
95th percentile per-packet one-way delay: 1.515 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.50 Mbit/s
95th percentile per-packet one-way delay: 1.515 ms
Loss rate: 0.00%
```

Run 9: Report of PCC-Allegro — Data Link

Flow 1 ingress (mean 84.50 Mbit/s) --- Flow 1 egress (mean 84.50 Mbit/s)

Flow 1 (95th percentile 1.51 ms)

```
Run 10: Statistics of PCC-Allegro

Start at: 2018-06-05 06:59:14
End at: 2018-06-05 06:59:44
Local clock offset: -5.376 ms
Remote clock offset: -6.429 ms


# Below is generated by plot.py at 2018-06-05 07:31:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.47 Mbit/s
95th percentile per-packet one-way delay: 1.780 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 83.47 Mbit/s
95th percentile per-packet one-way delay: 1.780 ms
Loss rate: 0.00%
```
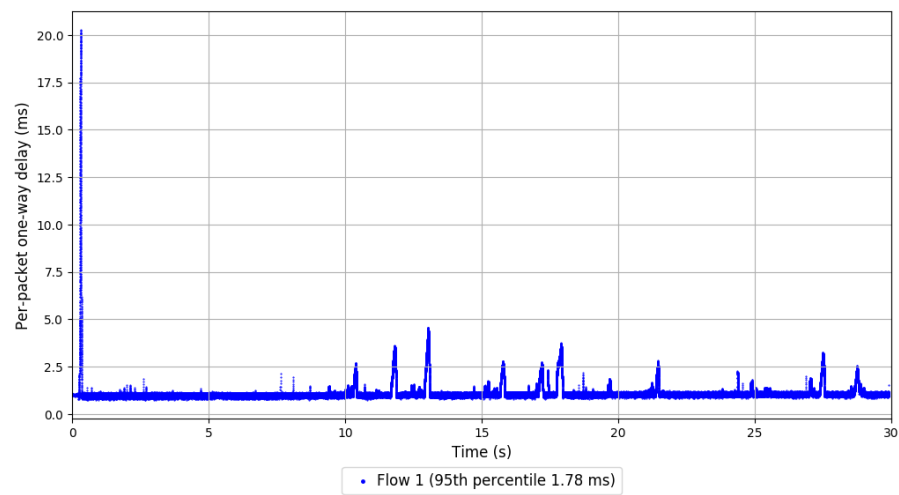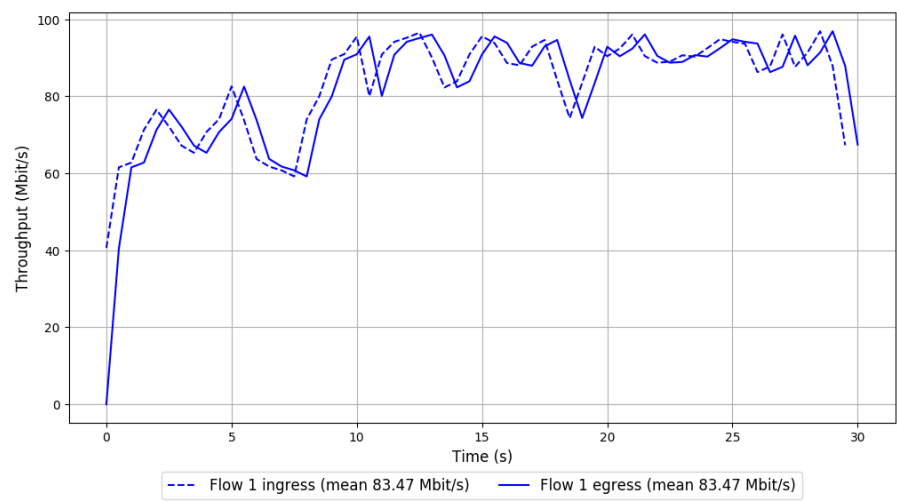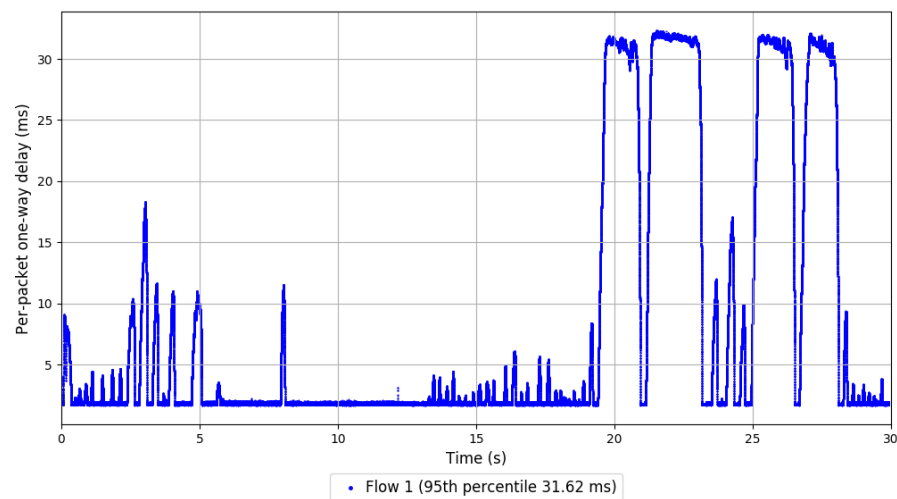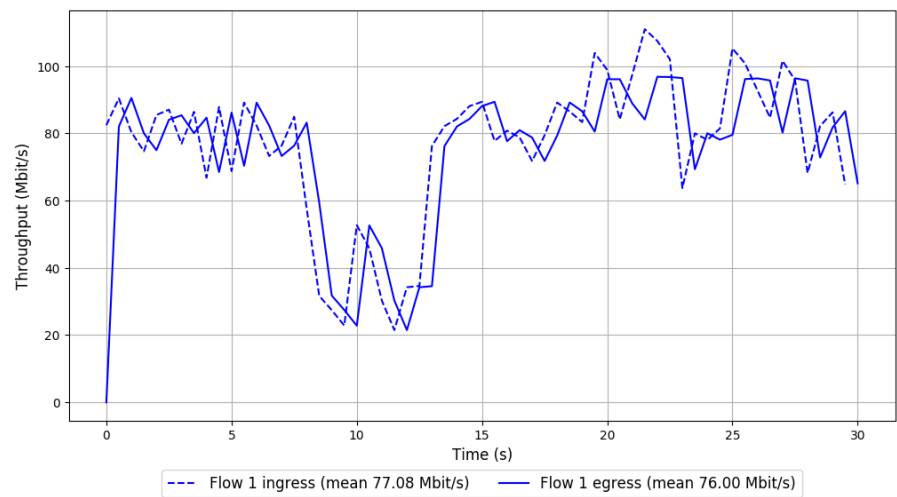
Run 10: Report of PCC-Allegro — Data Link

```
Run 1: Statistics of PCC-Expr

Start at: 2018-06-05 04:23:40
End at: 2018-06-05 04:24:10
Local clock offset: -6.725 ms
Remote clock offset: -1.581 ms


# Below is generated by plot.py at 2018-06-05 07:33:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.00 Mbit/s
95th percentile per-packet one-way delay: 31.622 ms
Loss rate: 1.40%
-- Flow 1:
Average throughput: 76.00 Mbit/s
95th percentile per-packet one-way delay: 31.622 ms
Loss rate: 1.40%
```
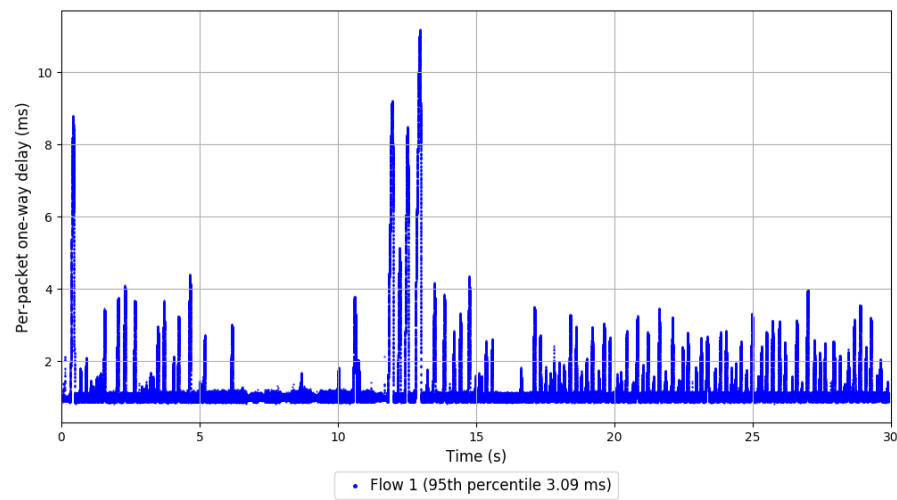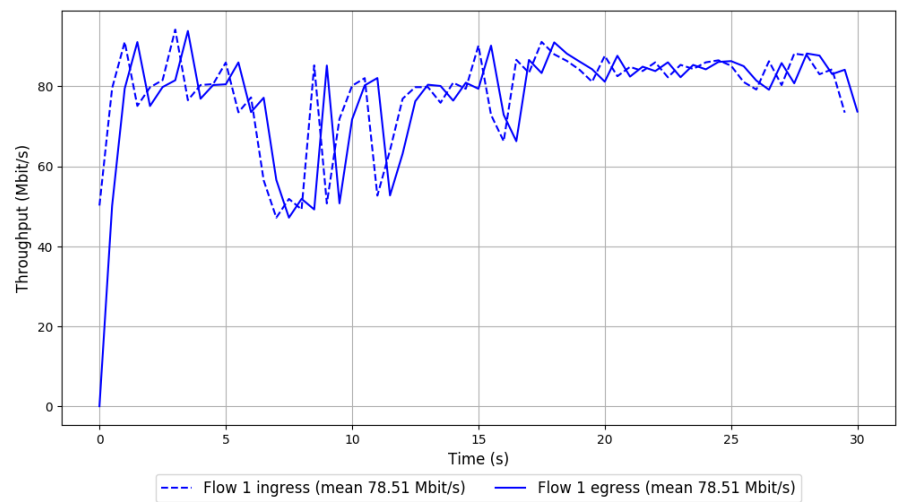
Run 1: Report of PCC-Expr — Data Link

Flow 1 ingress (mean 77.08 Mbit/s)   Flow 1 egress (mean 76.00 Mbit/s)

Flow 1 (95th percentile 31.62 ms)

```
Run 2: Statistics of PCC-Expr

Start at: 2018-06-05 04:41:34
End at: 2018-06-05 04:42:04
Local clock offset: -5.802 ms
Remote clock offset: -1.944 ms


# Below is generated by plot.py at 2018-06-05 07:33:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.51 Mbit/s
95th percentile per-packet one-way delay: 3.091 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 78.51 Mbit/s
95th percentile per-packet one-way delay: 3.091 ms
Loss rate: 0.00%
```

Run 2: Report of PCC-Expr — Data Link

Flow 1 ingress (mean 78.51 Mbit/s)   Flow 1 egress (mean 78.51 Mbit/s)

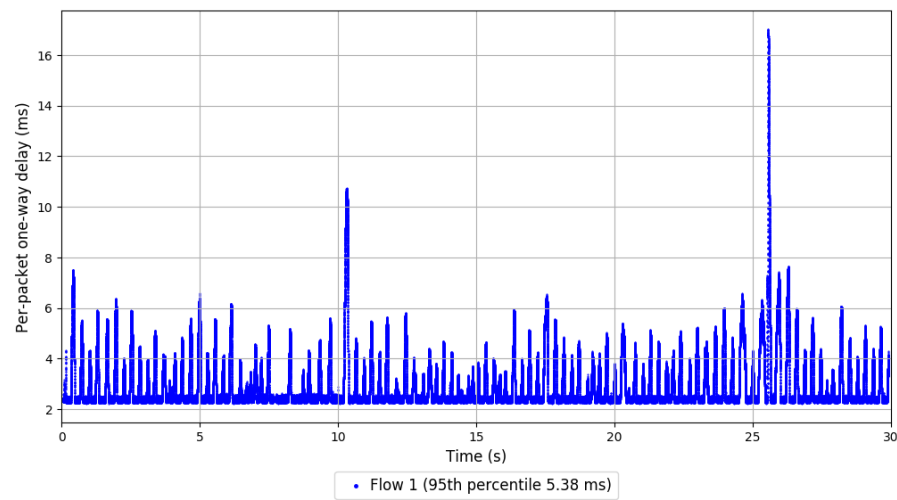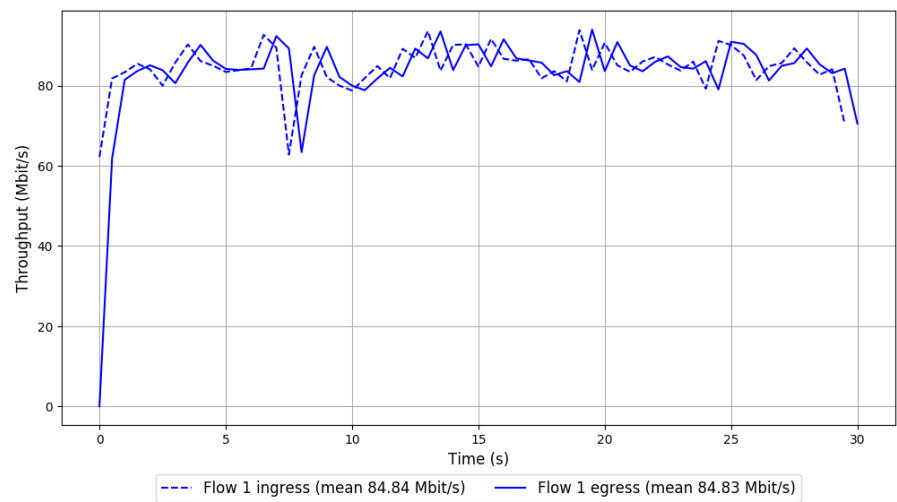Flow 1 (95th percentile 3.09 ms)

```
Run 3: Statistics of PCC-Expr

Start at: 2018-06-05 04:59:29
End at: 2018-06-05 04:59:59
Local clock offset: -5.702 ms
Remote clock offset: -2.107 ms


# Below is generated by plot.py at 2018-06-05 07:33:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.83 Mbit/s
95th percentile per-packet one-way delay: 5.376 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 84.83 Mbit/s
95th percentile per-packet one-way delay: 5.376 ms
Loss rate: 0.01%
```

Run 3: Report of PCC-Expr — Data Link

Flow 1 ingress (mean 84.84 Mbit/s)   Flow 1 egress (mean 84.83 Mbit/s)

Flow 1 (95th percentile 5.38 ms)

```
Run 4: Statistics of PCC-Expr

Start at: 2018-06-05 05:17:23
End at: 2018-06-05 05:17:53
Local clock offset: -5.808 ms
Remote clock offset: -1.94 ms


# Below is generated by plot.py at 2018-06-05 07:33:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.26 Mbit/s
95th percentile per-packet one-way delay: 13.187 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 85.26 Mbit/s
95th percentile per-packet one-way delay: 13.187 ms
Loss rate: 0.10%
```
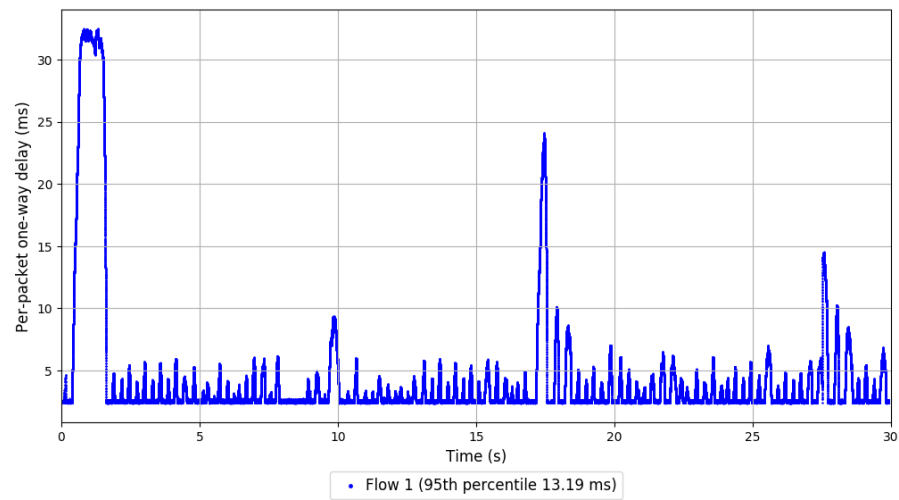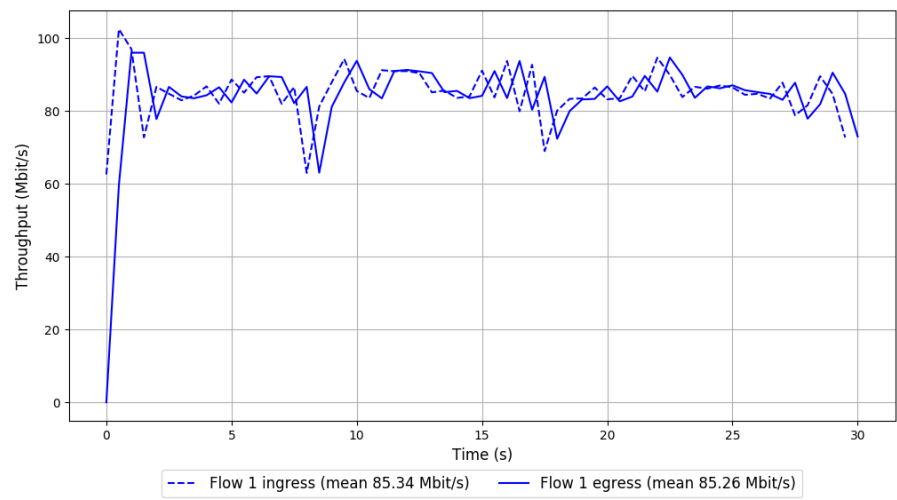
Run 4: Report of PCC-Expr — Data Link

Flow 1 ingress (mean 85.34 Mbit/s) --- Flow 1 egress (mean 85.26 Mbit/s)

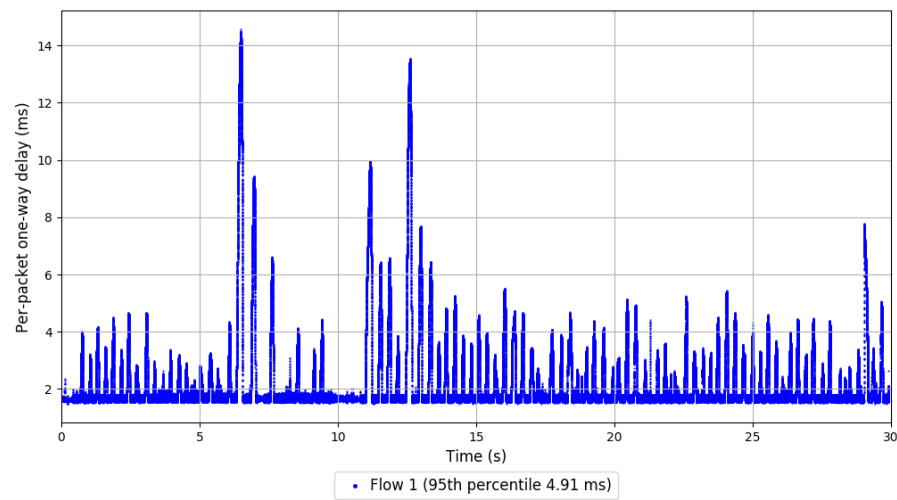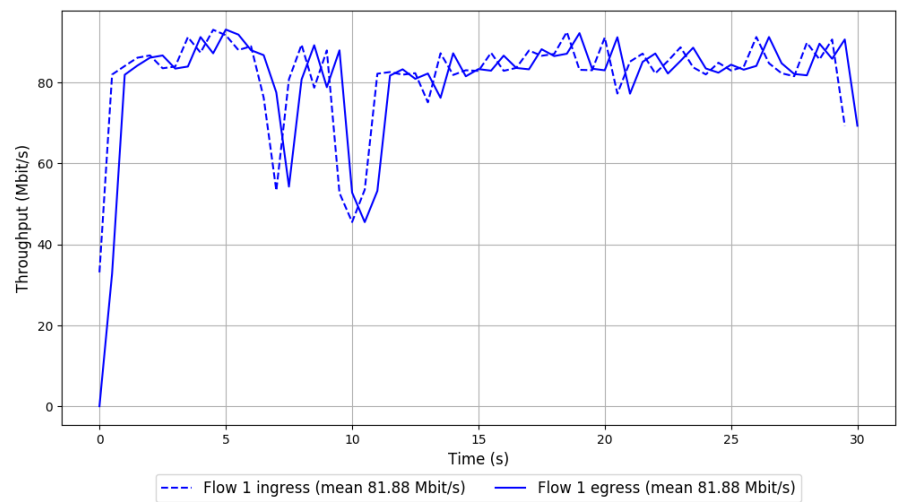Flow 1 (95th percentile 13.19 ms)

```
Run 5: Statistics of PCC-Expr

Start at: 2018-06-05 05:35:18
End at: 2018-06-05 05:35:48
Local clock offset: -4.986 ms
Remote clock offset: -1.845 ms


# Below is generated by plot.py at 2018-06-05 07:33:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.88 Mbit/s
95th percentile per-packet one-way delay: 4.909 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 81.88 Mbit/s
95th percentile per-packet one-way delay: 4.909 ms
Loss rate: 0.01%
```
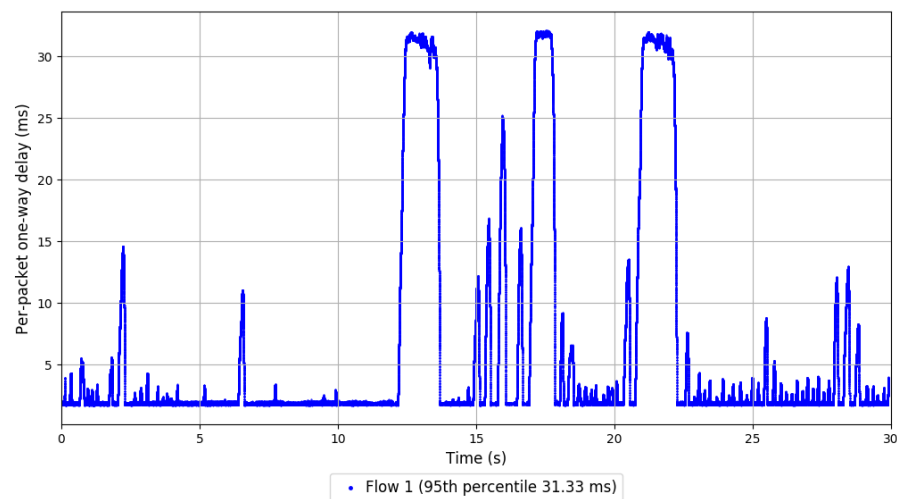
Run 5: Report of PCC-Expr — Data Link

Flow 1 ingress (mean 81.88 Mbit/s)   Flow 1 egress (mean 81.88 Mbit/s)

Flow 1 (95th percentile 4.91 ms)

```
Run 6: Statistics of PCC-Expr

Start at: 2018-06-05 05:53:13
End at: 2018-06-05 05:53:43
Local clock offset: -6.697 ms
Remote clock offset: -2.69 ms


# Below is generated by plot.py at 2018-06-05 07:33:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.97 Mbit/s
95th percentile per-packet one-way delay: 31.332 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 77.97 Mbit/s
95th percentile per-packet one-way delay: 31.332 ms
Loss rate: 0.56%
```
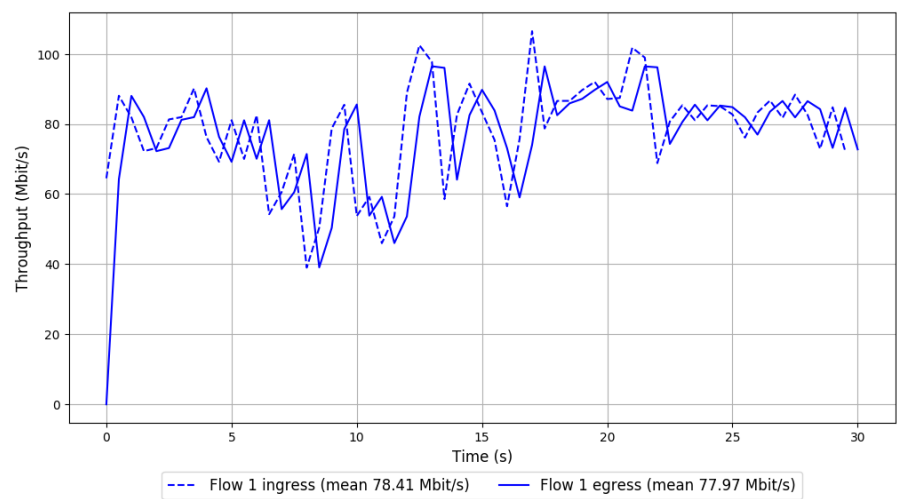
Run 6: Report of PCC-Expr — Data Link

Flow 1 ingress (mean 78.41 Mbit/s)   Flow 1 egress (mean 77.97 Mbit/s)
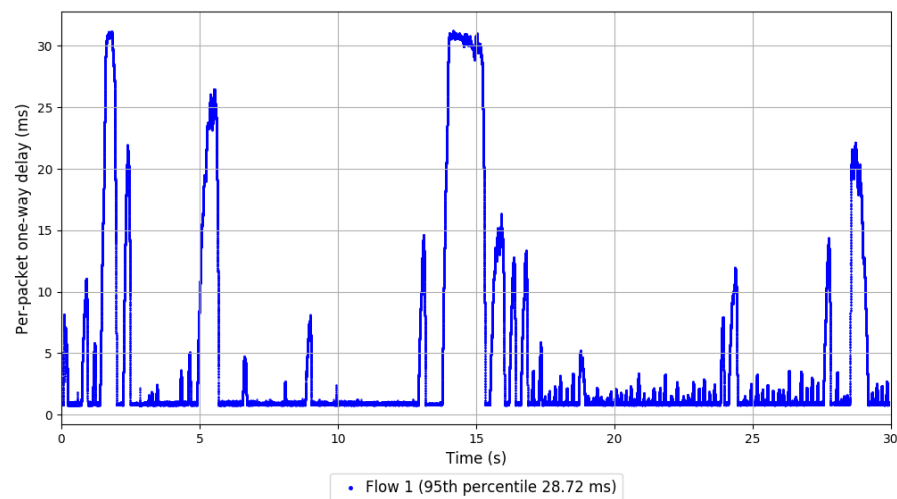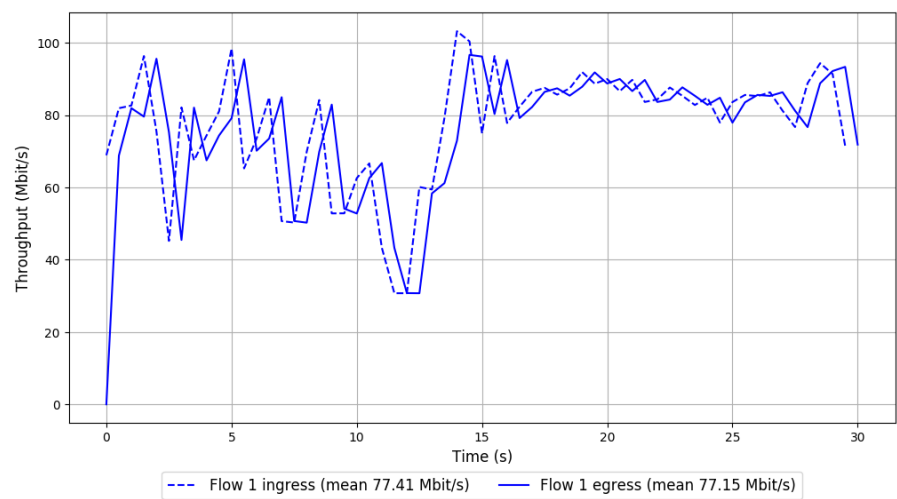

• Flow 1 (95th percentile 31.33 ms)

```
Run 7: Statistics of PCC-Expr

Start at: 2018-06-05 06:11:06
End at: 2018-06-05 06:11:36
Local clock offset: -5.68 ms
Remote clock offset: -3.096 ms


# Below is generated by plot.py at 2018-06-05 07:33:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.15 Mbit/s
95th percentile per-packet one-way delay: 28.720 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 77.15 Mbit/s
95th percentile per-packet one-way delay: 28.720 ms
Loss rate: 0.33%
```

Run 7: Report of PCC-Expr — Data Link

Flow 1 ingress (mean 77.41 Mbit/s)　　Flow 1 egress (mean 77.15 Mbit/s)

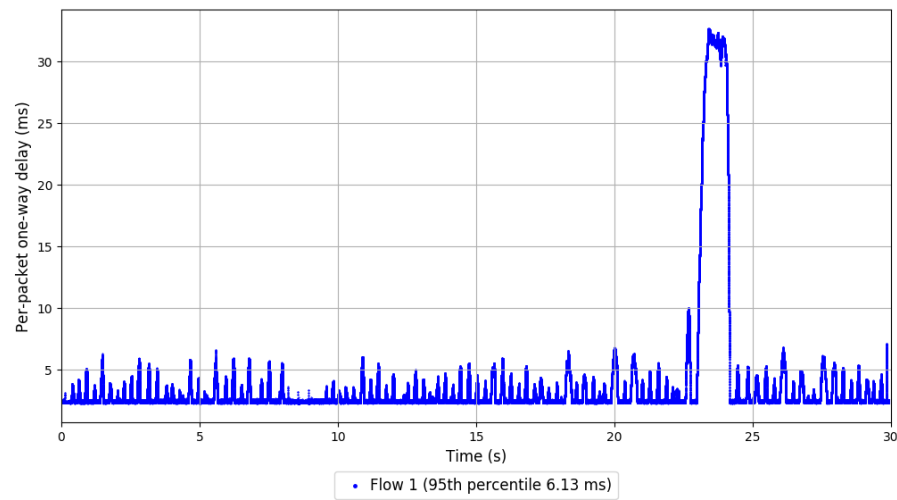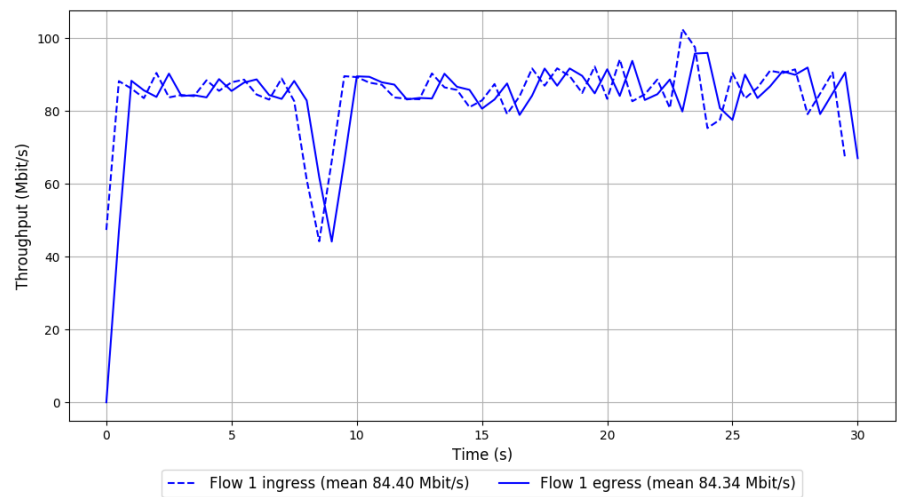• Flow 1 (95th percentile 28.72 ms)

```
Run 8: Statistics of PCC-Expr

Start at: 2018-06-05 06:29:01
End at: 2018-06-05 06:29:31
Local clock offset: -5.464 ms
Remote clock offset: -3.191 ms


# Below is generated by plot.py at 2018-06-05 07:33:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.34 Mbit/s
95th percentile per-packet one-way delay: 6.133 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 84.34 Mbit/s
95th percentile per-packet one-way delay: 6.133 ms
Loss rate: 0.08%
```

Run 8: Report of PCC-Expr — Data Link

Flow 1 ingress (mean 84.40 Mbit/s)   Flow 1 egress (mean 84.34 Mbit/s)

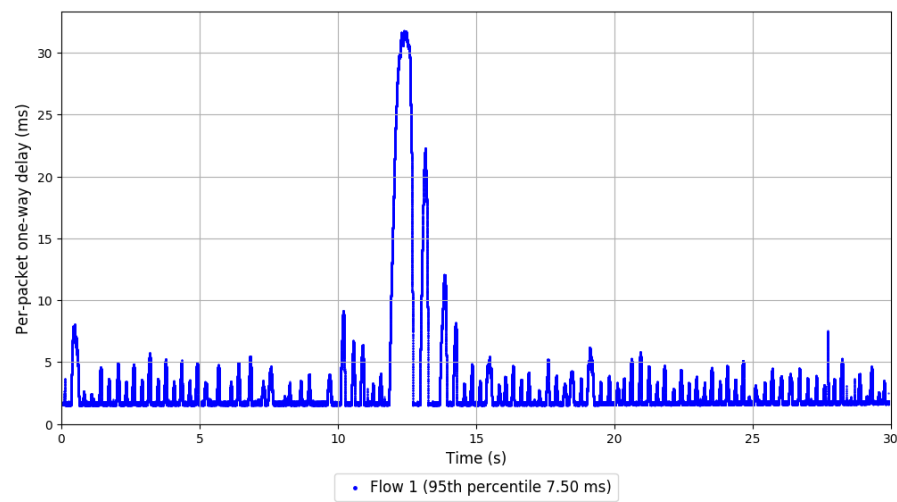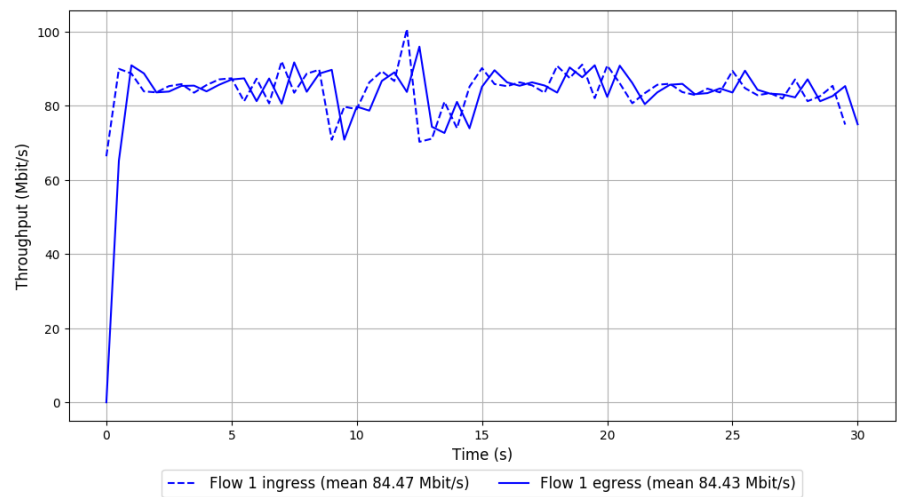Flow 1 (95th percentile 6.13 ms)

```
Run 9: Statistics of PCC-Expr

Start at: 2018-06-05 06:46:54
End at: 2018-06-05 06:47:24
Local clock offset: -4.641 ms
Remote clock offset: -3.359 ms


# Below is generated by plot.py at 2018-06-05 07:35:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.43 Mbit/s
95th percentile per-packet one-way delay: 7.505 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 84.43 Mbit/s
95th percentile per-packet one-way delay: 7.505 ms
Loss rate: 0.05%
```
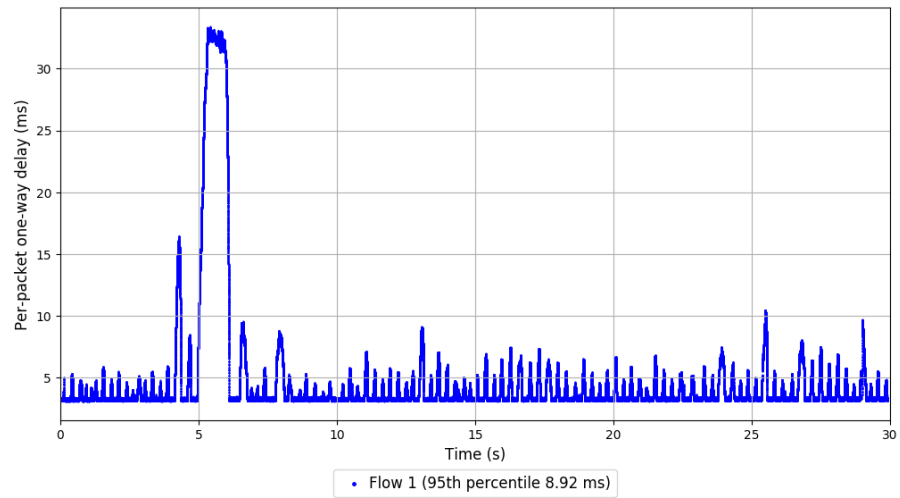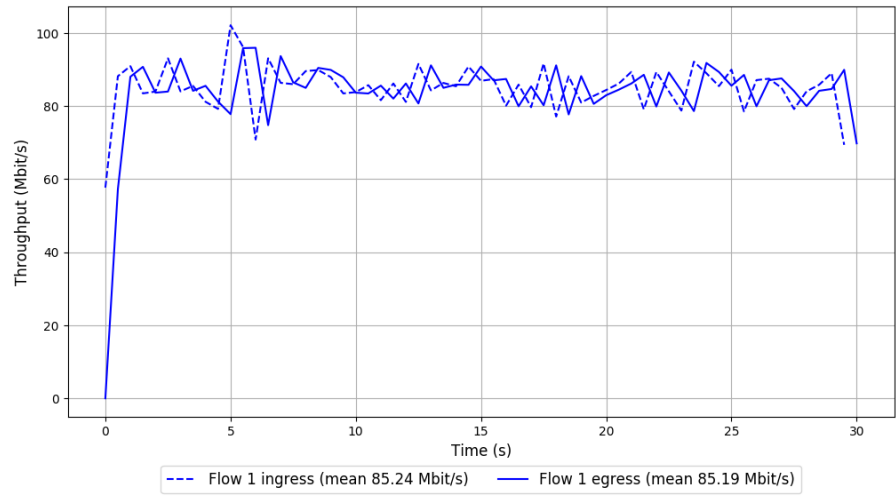
Run 9: Report of PCC-Expr — Data Link

Flow 1 ingress (mean 84.47 Mbit/s) --- Flow 1 egress (mean 84.43 Mbit/s)

Flow 1 (95th percentile 7.50 ms)

```
Run 10: Statistics of PCC-Expr

Start at: 2018-06-05 07:04:49
End at: 2018-06-05 07:05:19
Local clock offset: -6.146 ms
Remote clock offset: -7.123 ms


# Below is generated by plot.py at 2018-06-05 07:35:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.19 Mbit/s
95th percentile per-packet one-way delay: 8.918 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 85.19 Mbit/s
95th percentile per-packet one-way delay: 8.918 ms
Loss rate: 0.07%
```
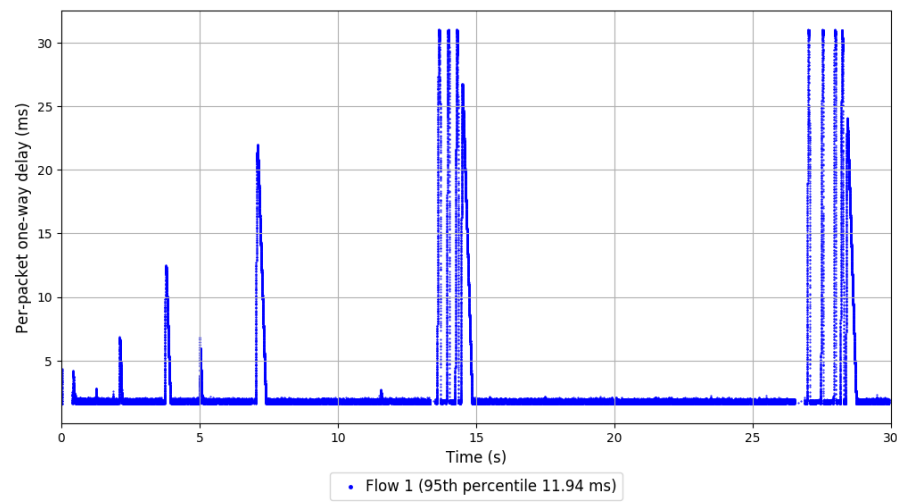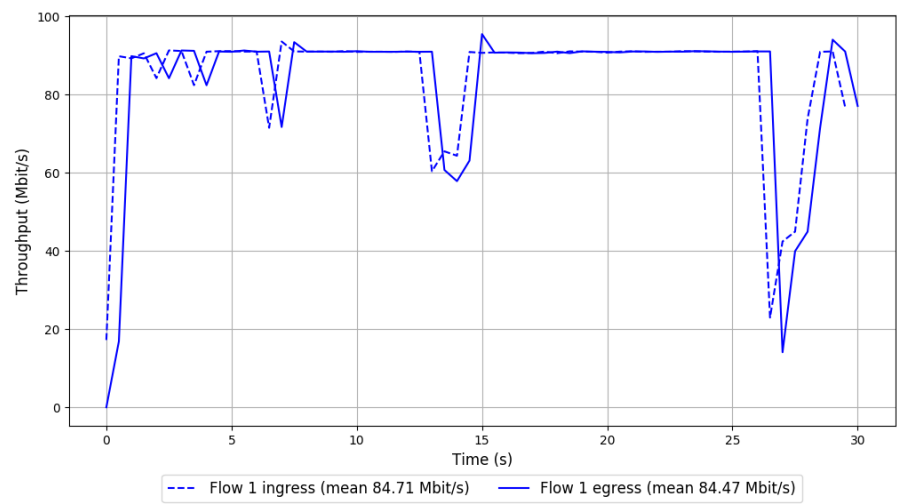
Run 10: Report of PCC-Expr — Data Link

Flow 1 ingress (mean 85.24 Mbit/s)   Flow 1 egress (mean 85.19 Mbit/s)

Flow 1 (95th percentile 8.92 ms)

```
Run 1: Statistics of QUIC Cubic

Start at: 2018-06-05 04:25:57
End at: 2018-06-05 04:26:27
Local clock offset: -6.678 ms
Remote clock offset: -1.573 ms


# Below is generated by plot.py at 2018-06-05 07:35:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.47 Mbit/s
95th percentile per-packet one-way delay: 11.937 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 84.47 Mbit/s
95th percentile per-packet one-way delay: 11.937 ms
Loss rate: 0.29%
```
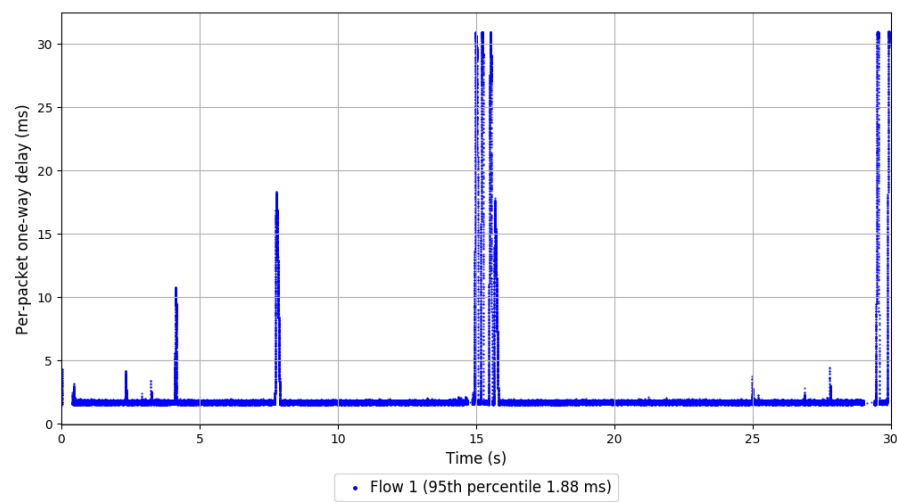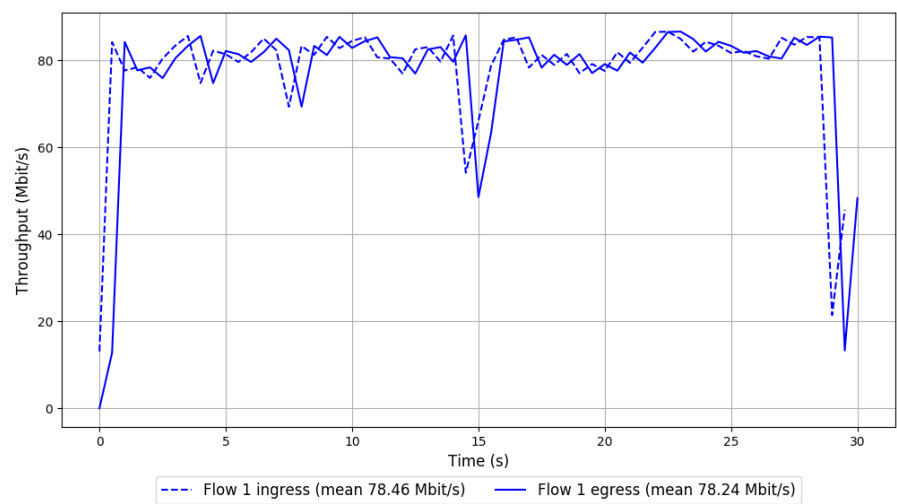
Run 1: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 84.71 Mbit/s) --- Flow 1 egress (mean 84.47 Mbit/s)

• Flow 1 (95th percentile 11.94 ms)

```
Run 2: Statistics of QUIC Cubic

Start at: 2018-06-05 04:43:52
End at: 2018-06-05 04:44:22
Local clock offset: -4.996 ms
Remote clock offset: -1.969 ms


# Below is generated by plot.py at 2018-06-05 07:35:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.24 Mbit/s
95th percentile per-packet one-way delay: 1.878 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 78.24 Mbit/s
95th percentile per-packet one-way delay: 1.878 ms
Loss rate: 0.18%
```
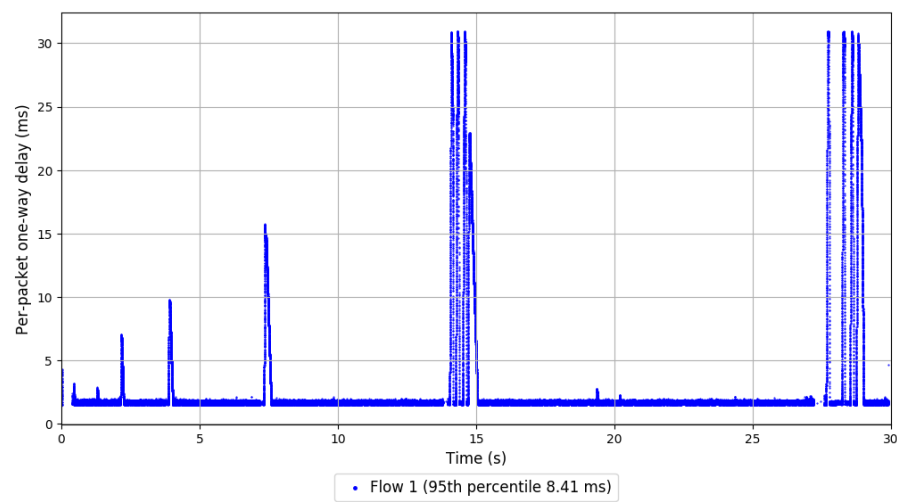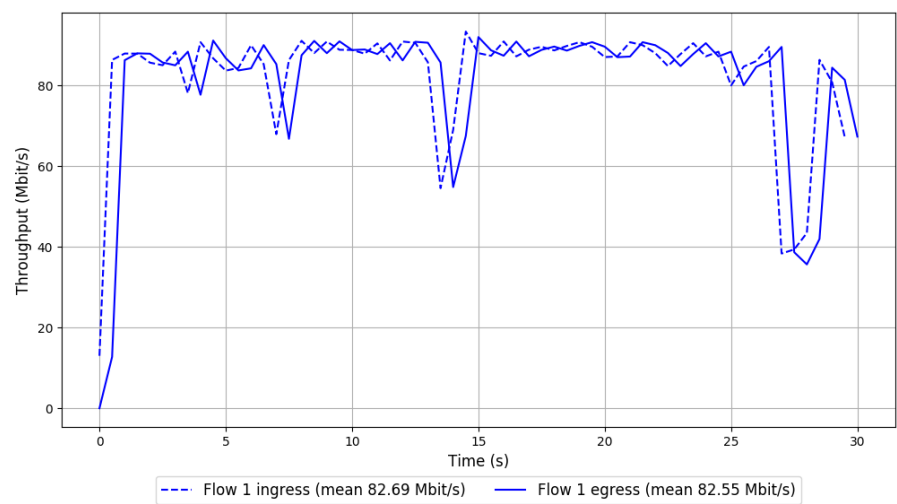
Run 2: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 78.46 Mbit/s) --- Flow 1 egress (mean 78.24 Mbit/s)
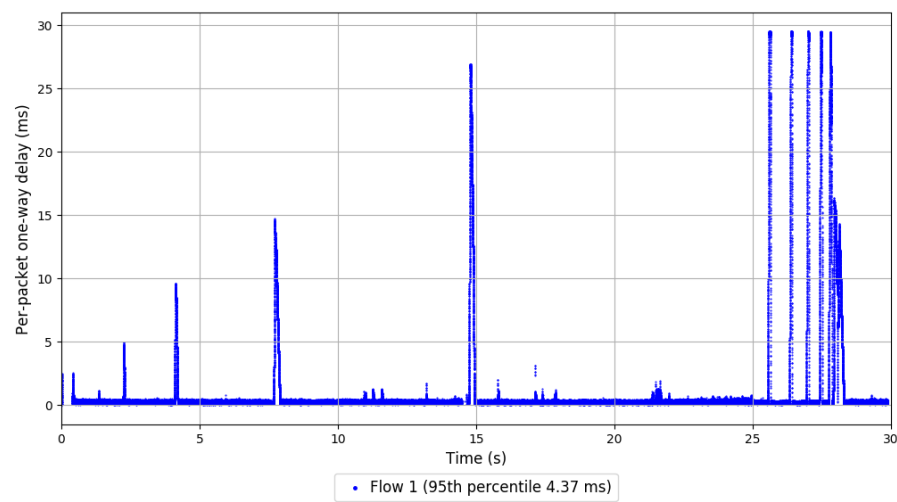

Flow 1 (95th percentile 1.88 ms)

```
Run 3: Statistics of QUIC Cubic

Start at: 2018-06-05 05:01:47
End at: 2018-06-05 05:02:17
Local clock offset: -4.919 ms
Remote clock offset: -2.055 ms


# Below is generated by plot.py at 2018-06-05 07:35:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.55 Mbit/s
95th percentile per-packet one-way delay: 8.411 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 82.55 Mbit/s
95th percentile per-packet one-way delay: 8.411 ms
Loss rate: 0.17%
```
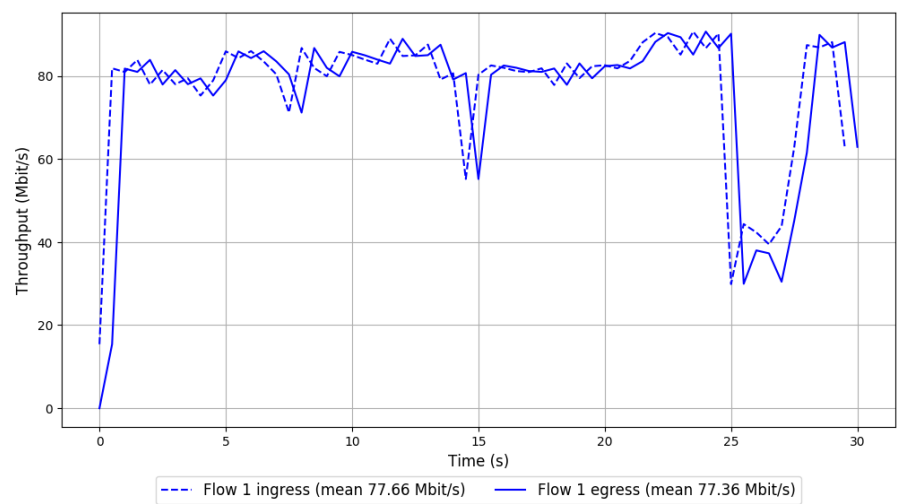
Run 3: Report of QUIC Cubic — Data Link

```
Run 4: Statistics of QUIC Cubic

Start at: 2018-06-05 05:19:41
End at: 2018-06-05 05:20:11
Local clock offset: -4.969 ms
Remote clock offset: -1.917 ms


# Below is generated by plot.py at 2018-06-05 07:35:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.36 Mbit/s
95th percentile per-packet one-way delay: 4.370 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 77.36 Mbit/s
95th percentile per-packet one-way delay: 4.370 ms
Loss rate: 0.39%
```
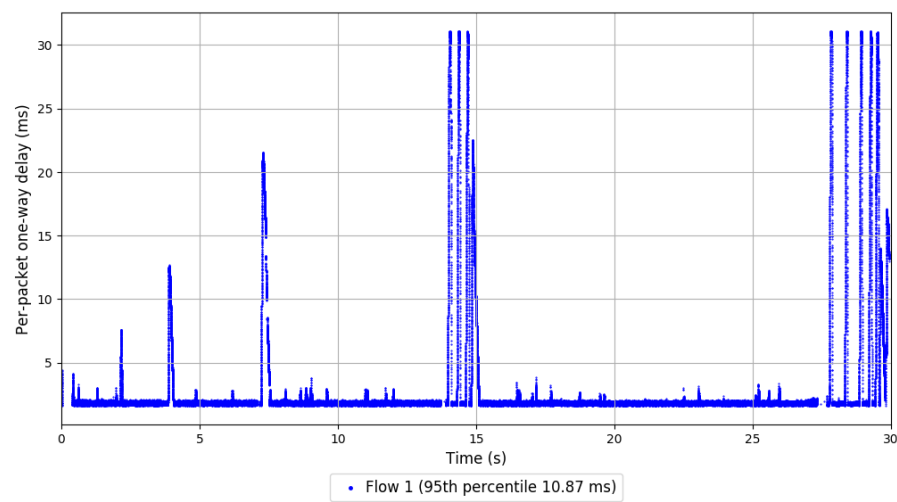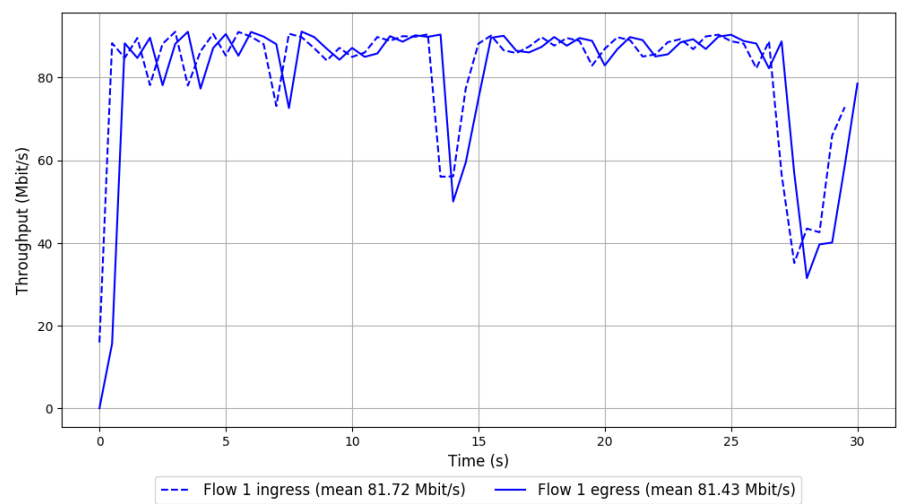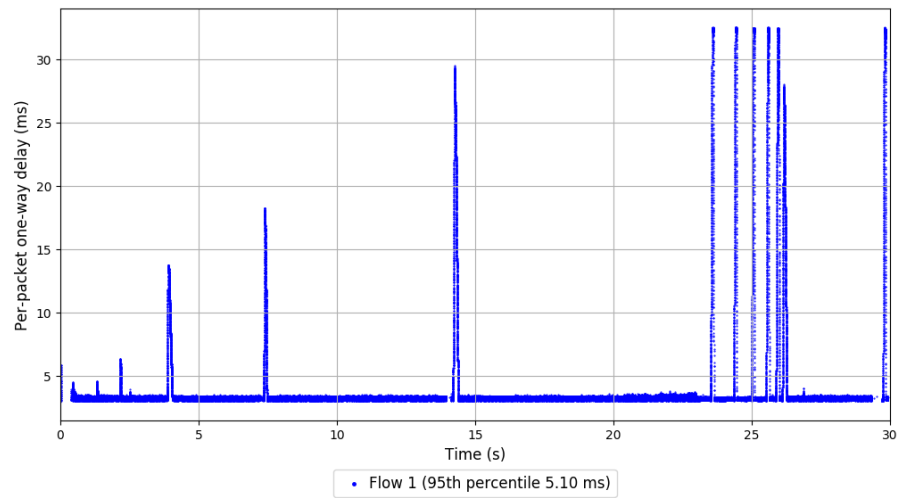
Run 4: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 77.66 Mbit/s) — — — Flow 1 egress (mean 77.36 Mbit/s)

• Flow 1 (95th percentile 4.37 ms)

```
Run 5: Statistics of QUIC Cubic

Start at: 2018-06-05 05:37:36
End at: 2018-06-05 05:38:06
Local clock offset: -6.613 ms
Remote clock offset: -1.838 ms


# Below is generated by plot.py at 2018-06-05 07:35:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.43 Mbit/s
95th percentile per-packet one-way delay: 10.870 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 81.43 Mbit/s
95th percentile per-packet one-way delay: 10.870 ms
Loss rate: 0.31%
```

Run 5: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 81.72 Mbit/s) — — — Flow 1 egress (mean 81.43 Mbit/s)
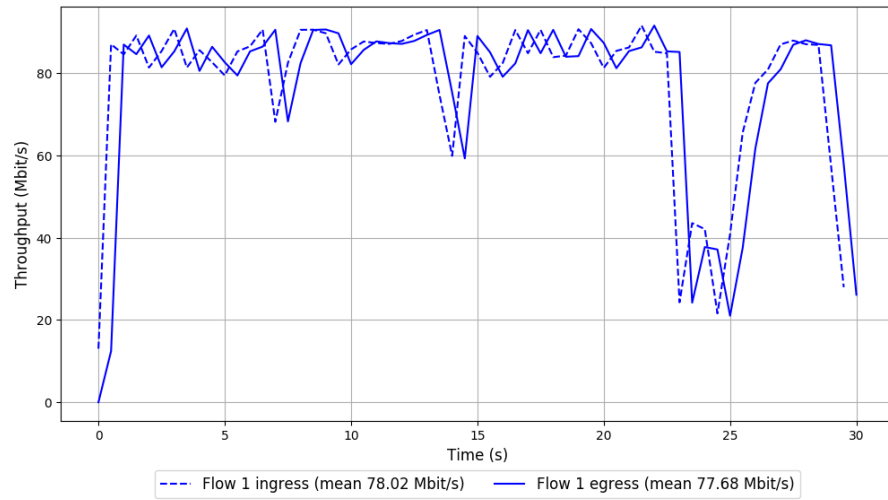

• Flow 1 (95th percentile 10.87 ms)

```
Run 6: Statistics of QUIC Cubic

Start at: 2018-06-05 05:55:30
End at: 2018-06-05 05:56:00
Local clock offset: -6.659 ms
Remote clock offset: -2.766 ms


# Below is generated by plot.py at 2018-06-05 07:35:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.68 Mbit/s
95th percentile per-packet one-way delay: 5.096 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 77.68 Mbit/s
95th percentile per-packet one-way delay: 5.096 ms
Loss rate: 0.43%
```
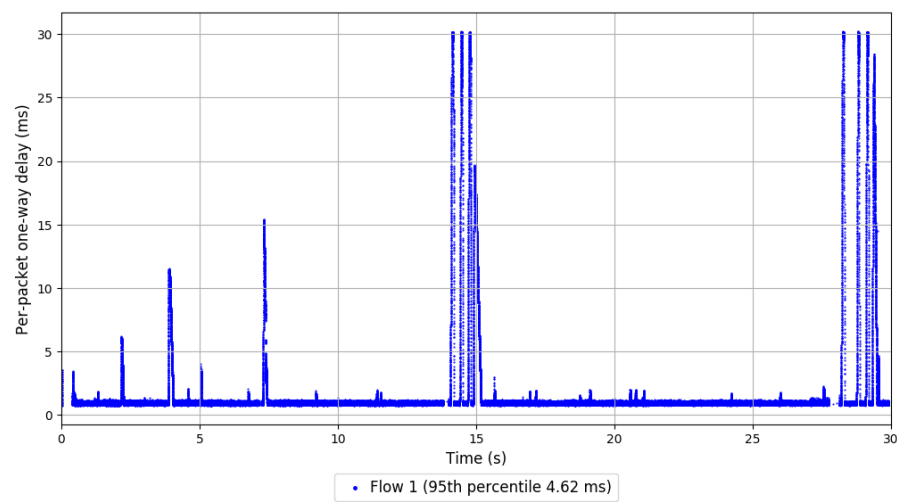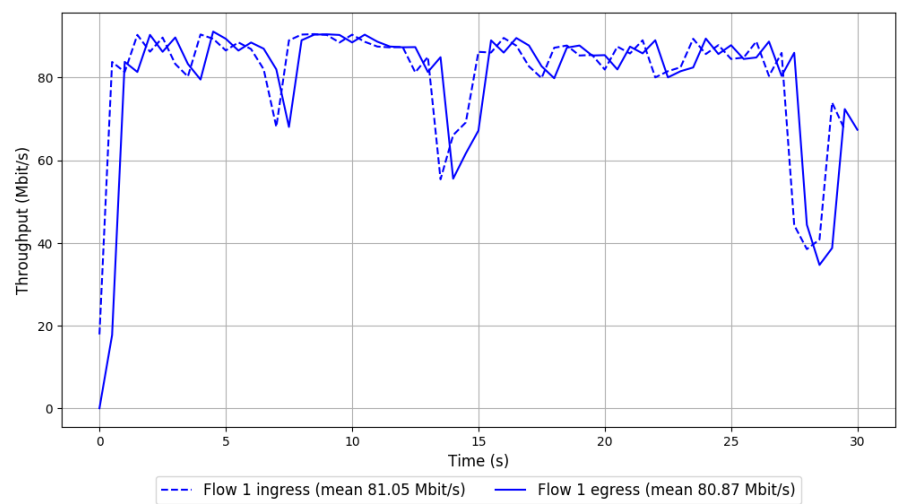
Run 6: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 78.02 Mbit/s)   Flow 1 egress (mean 77.68 Mbit/s)
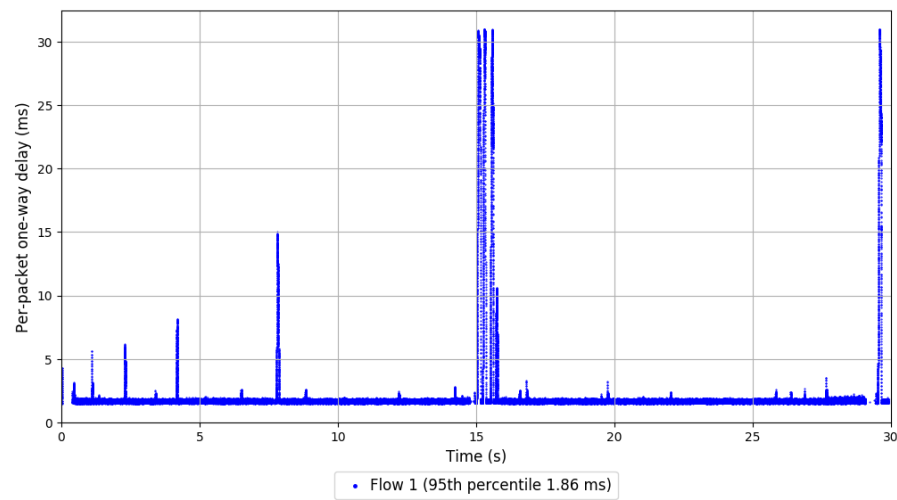

Flow 1 (95th percentile 5.10 ms)

```
Run 7: Statistics of QUIC Cubic

Start at: 2018-06-05 06:13:24
End at: 2018-06-05 06:13:54
Local clock offset: -5.622 ms
Remote clock offset: -3.111 ms


# Below is generated by plot.py at 2018-06-05 07:35:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.87 Mbit/s
95th percentile per-packet one-way delay: 4.623 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 80.87 Mbit/s
95th percentile per-packet one-way delay: 4.623 ms
Loss rate: 0.23%
```
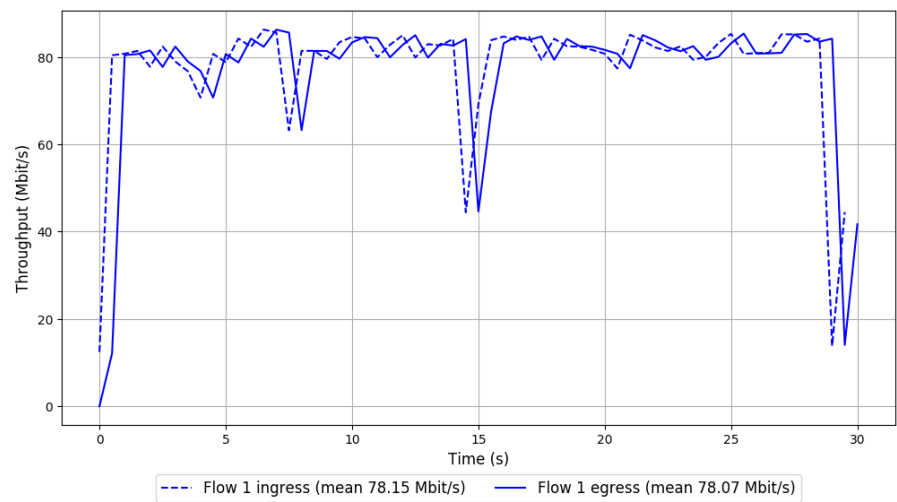
Run 7: Report of QUIC Cubic — Data Link

```
Run 8: Statistics of QUIC Cubic

Start at: 2018-06-05 06:31:19
End at: 2018-06-05 06:31:49
Local clock offset: -4.669 ms
Remote clock offset: -3.201 ms


# Below is generated by plot.py at 2018-06-05 07:35:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.07 Mbit/s
95th percentile per-packet one-way delay: 1.856 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 78.07 Mbit/s
95th percentile per-packet one-way delay: 1.856 ms
Loss rate: 0.11%
```
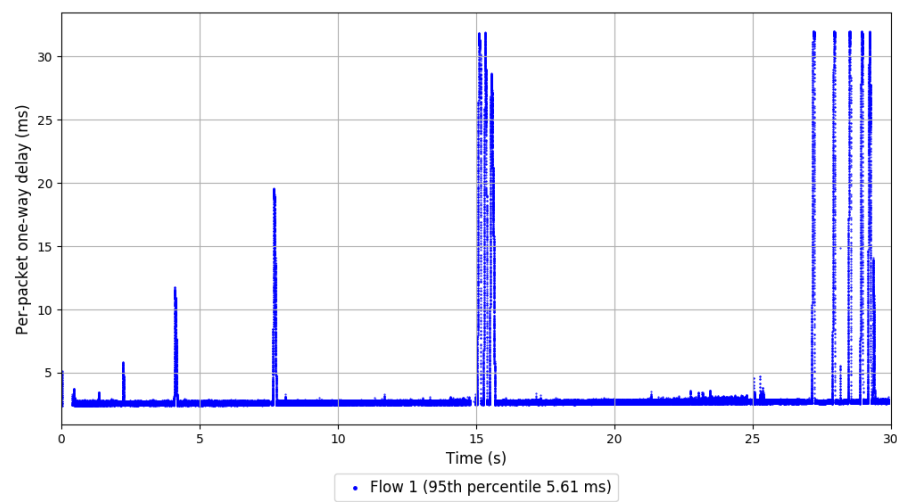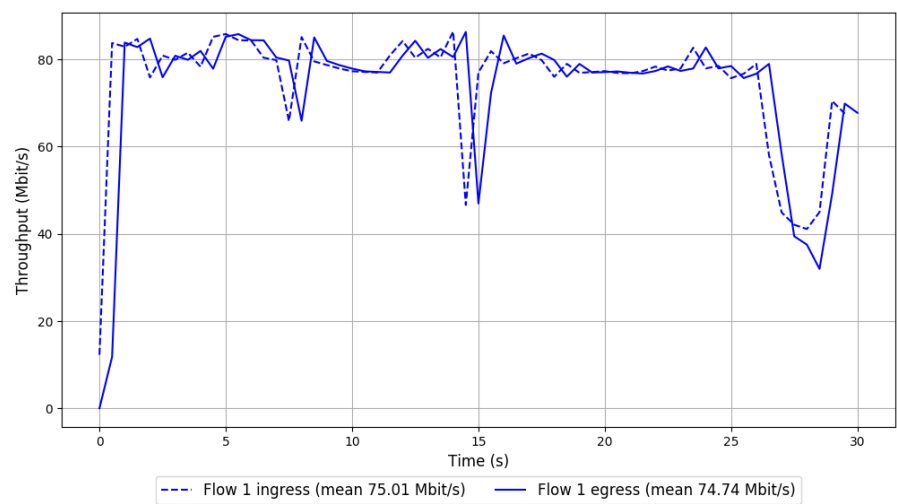
Run 8: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 78.15 Mbit/s)   Flow 1 egress (mean 78.07 Mbit/s)

Flow 1 (95th percentile 1.86 ms)

179

```
Run 9: Statistics of QUIC Cubic

Start at: 2018-06-05 06:49:11
End at: 2018-06-05 06:49:42
Local clock offset: -5.423 ms
Remote clock offset: -4.04 ms


# Below is generated by plot.py at 2018-06-05 07:35:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.74 Mbit/s
95th percentile per-packet one-way delay: 5.611 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 74.74 Mbit/s
95th percentile per-packet one-way delay: 5.611 ms
Loss rate: 0.36%
```
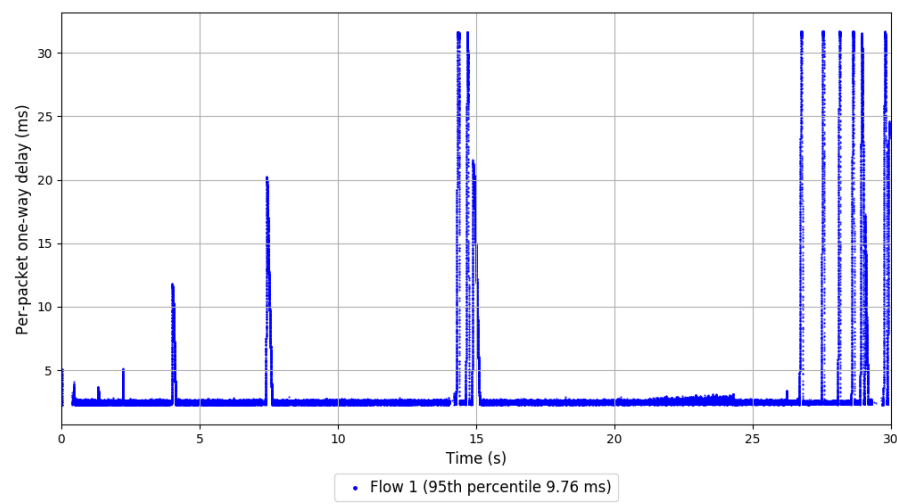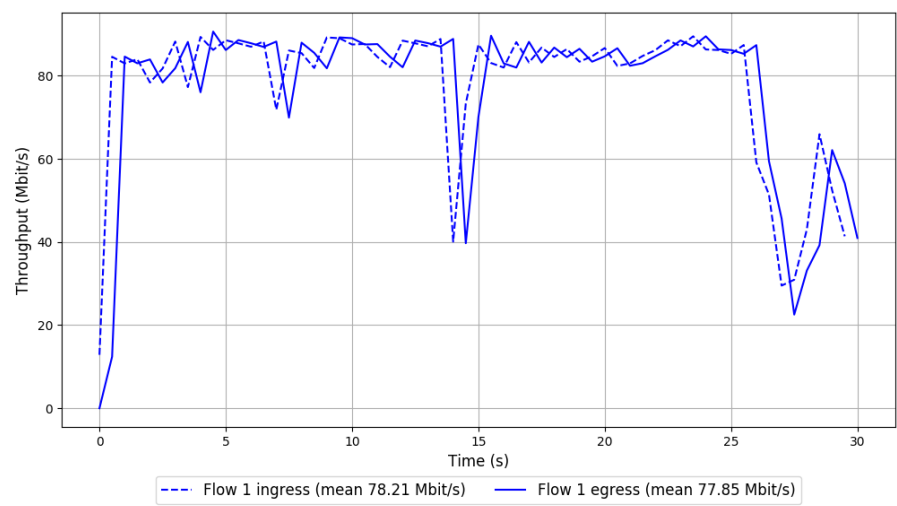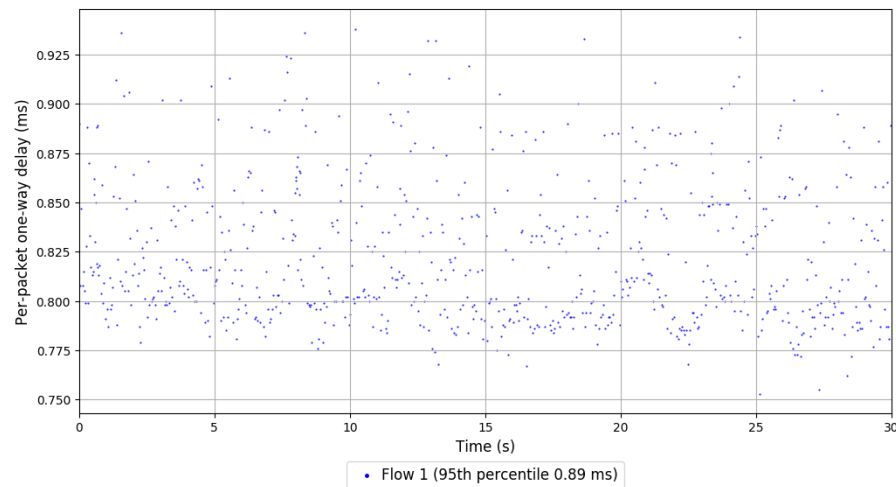
Run 9: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 75.01 Mbit/s)   Flow 1 egress (mean 74.74 Mbit/s)

Flow 1 (95th percentile 5.61 ms)

```
Run 10: Statistics of QUIC Cubic

Start at: 2018-06-05 07:07:07
End at: 2018-06-05 07:07:37
Local clock offset: -5.45 ms
Remote clock offset: -7.449 ms


# Below is generated by plot.py at 2018-06-05 07:35:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.85 Mbit/s
95th percentile per-packet one-way delay: 9.761 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 77.85 Mbit/s
95th percentile per-packet one-way delay: 9.761 ms
Loss rate: 0.40%
```
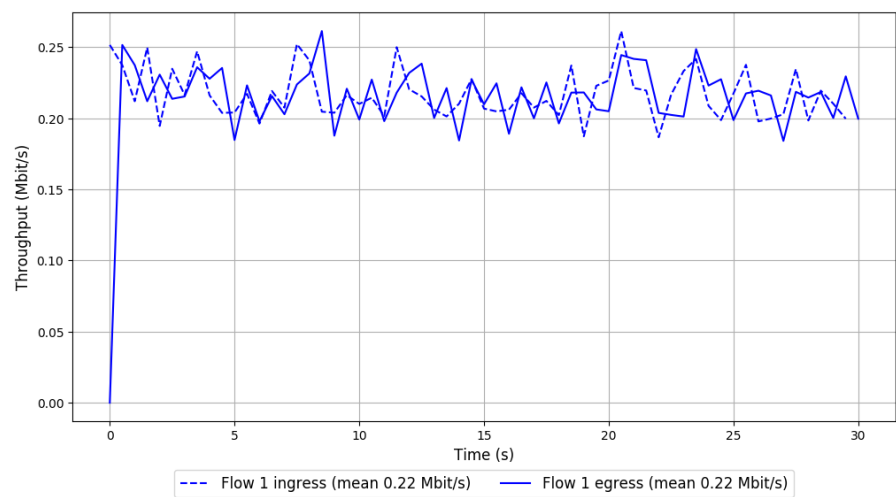
Run 10: Report of QUIC Cubic — Data Link

```
Run 1: Statistics of SCReAM

Start at: 2018-06-05 04:27:04
End at: 2018-06-05 04:27:34
Local clock offset: -5.893 ms
Remote clock offset: -1.61 ms


# Below is generated by plot.py at 2018-06-05 07:35:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.892 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.892 ms
Loss rate: 0.00%
```
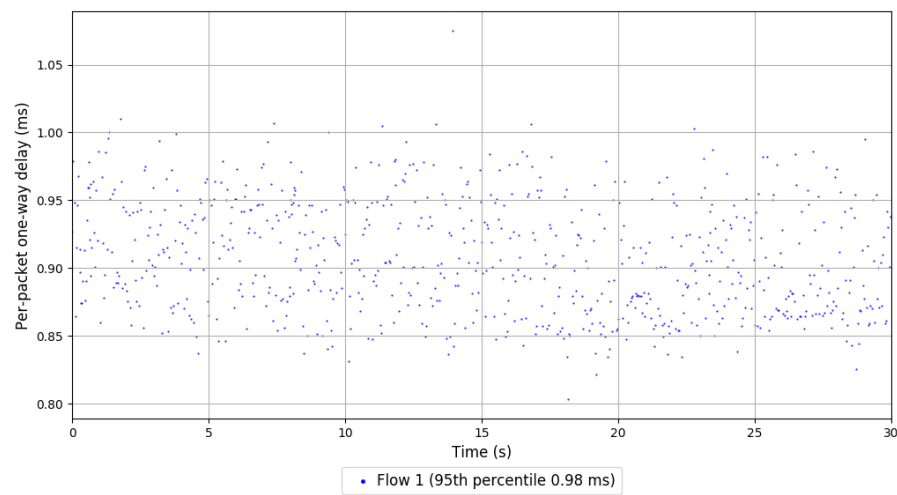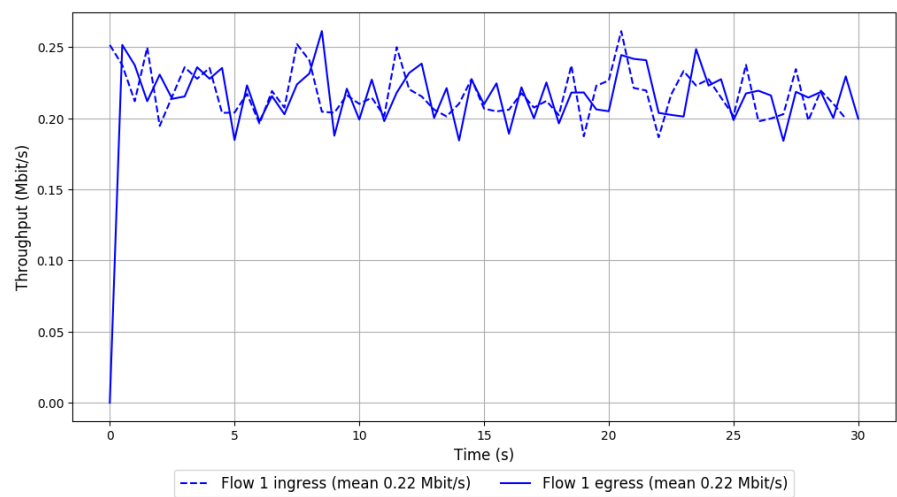
Run 1: Report of SCReAM — Data Link

```
Run 2: Statistics of SCReAM

Start at: 2018-06-05 04:44:58
End at: 2018-06-05 04:45:28
Local clock offset: -5.755 ms
Remote clock offset: -1.989 ms


# Below is generated by plot.py at 2018-06-05 07:35:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.977 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.977 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

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

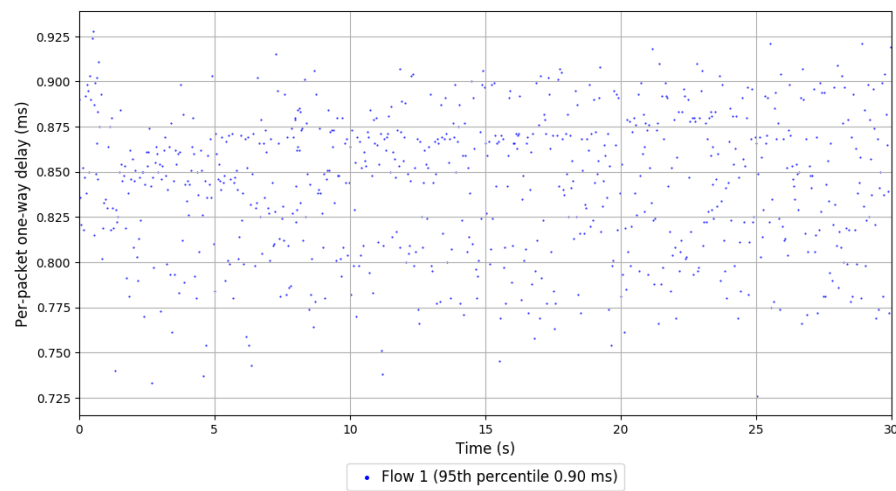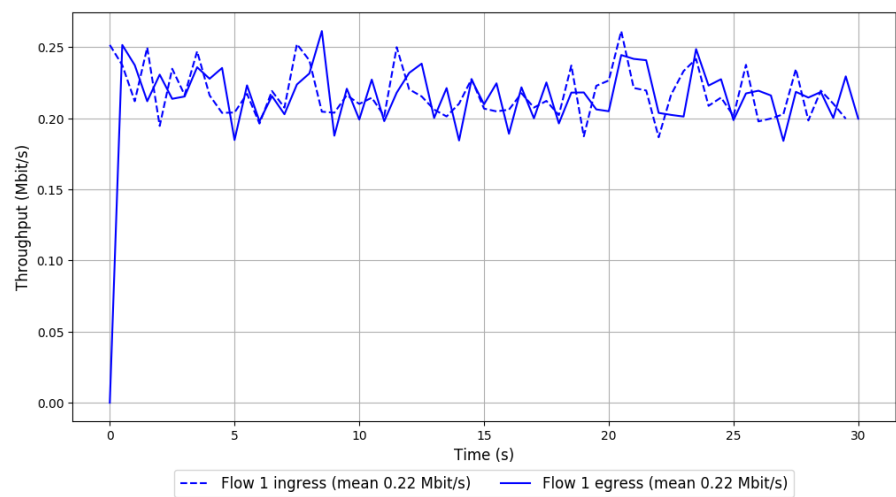Flow 1 (95th percentile 0.98 ms)

```
Run 3: Statistics of SCReAM

Start at: 2018-06-05 05:02:54
End at: 2018-06-05 05:03:24
Local clock offset: -5.69 ms
Remote clock offset: -2.122 ms


# Below is generated by plot.py at 2018-06-05 07:35:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.899 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.899 ms
Loss rate: 0.00%
```

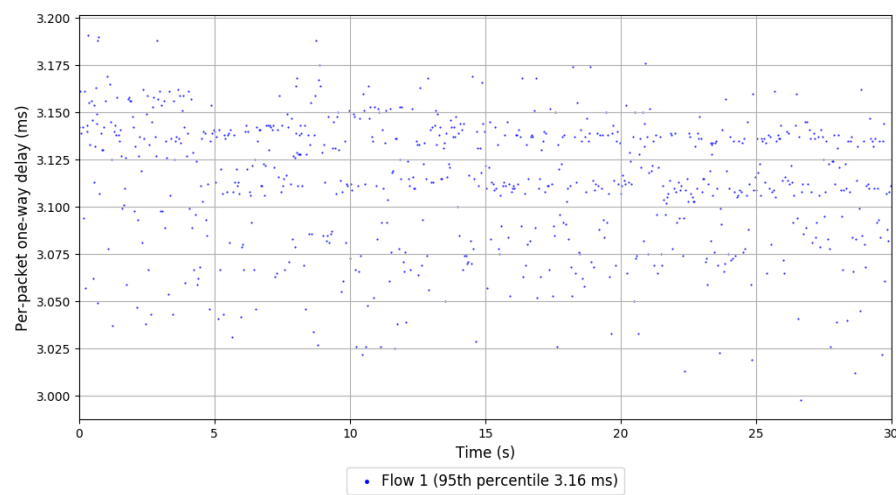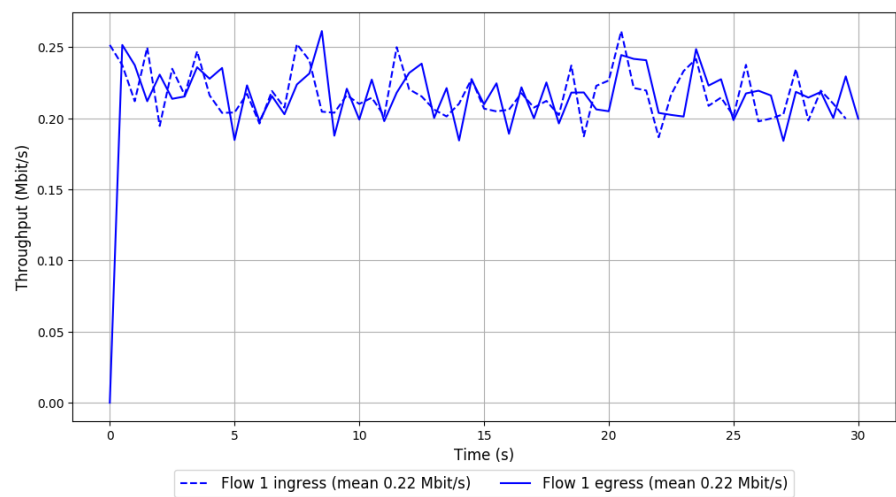# Run 3: Report of SCReAM — Data Link

```
Run 4: Statistics of SCReAM

Start at: 2018-06-05 05:20:48
End at: 2018-06-05 05:21:18
Local clock offset: -6.518 ms
Remote clock offset: -1.986 ms


# Below is generated by plot.py at 2018-06-05 07:35:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.159 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.159 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

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

• Flow 1 (95th percentile 3.16 ms)

```
Run 5: Statistics of SCReAM

Start at: 2018-06-05 05:38:43
End at: 2018-06-05 05:39:13
Local clock offset: -6.619 ms
Remote clock offset: -1.836 ms


# Below is generated by plot.py at 2018-06-05 07:35:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.799 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.799 ms
Loss rate: 0.00%
```
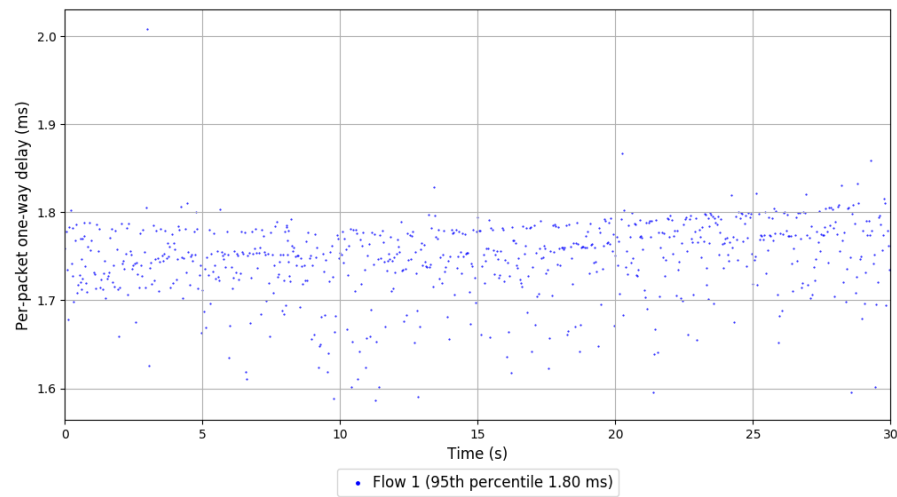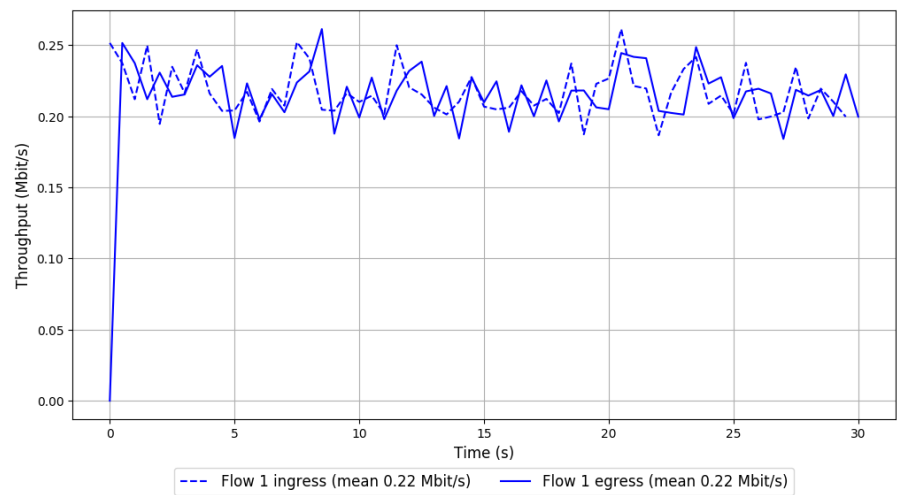
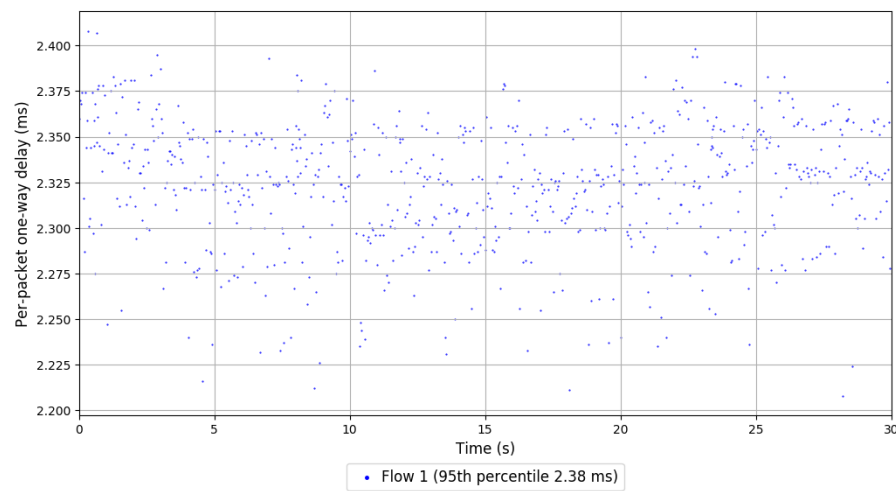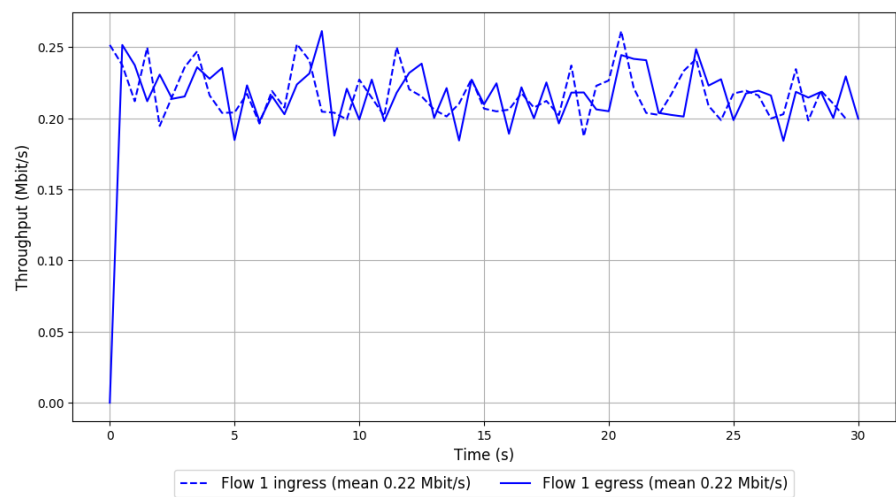## Run 5: Report of SCReAM — Data Link

```
Run 6: Statistics of SCReAM

Start at: 2018-06-05 05:56:37
End at: 2018-06-05 05:57:07
Local clock offset: -5.876 ms
Remote clock offset: -2.874 ms


# Below is generated by plot.py at 2018-06-05 07:35:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.375 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.375 ms
Loss rate: 0.00%
```

Run 6: 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 2.38 ms)

```
Run 7: Statistics of SCReAM

Start at: 2018-06-05 06:14:30
End at: 2018-06-05 06:15:00
Local clock offset: -5.609 ms
Remote clock offset: -3.051 ms


# Below is generated by plot.py at 2018-06-05 07:35:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.999 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.999 ms
Loss rate: 0.00%
```
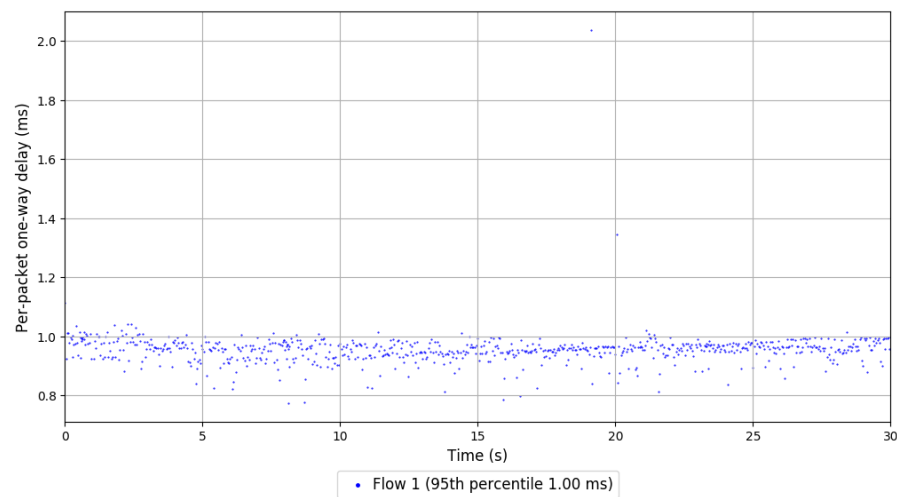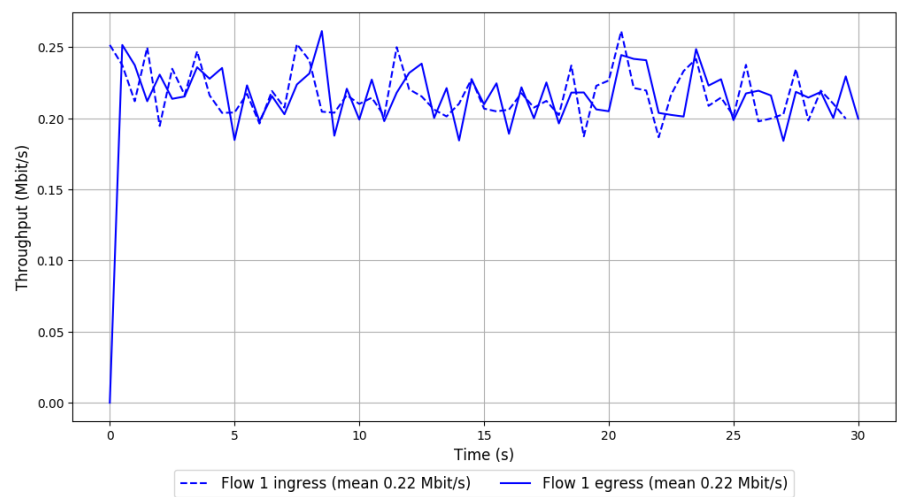
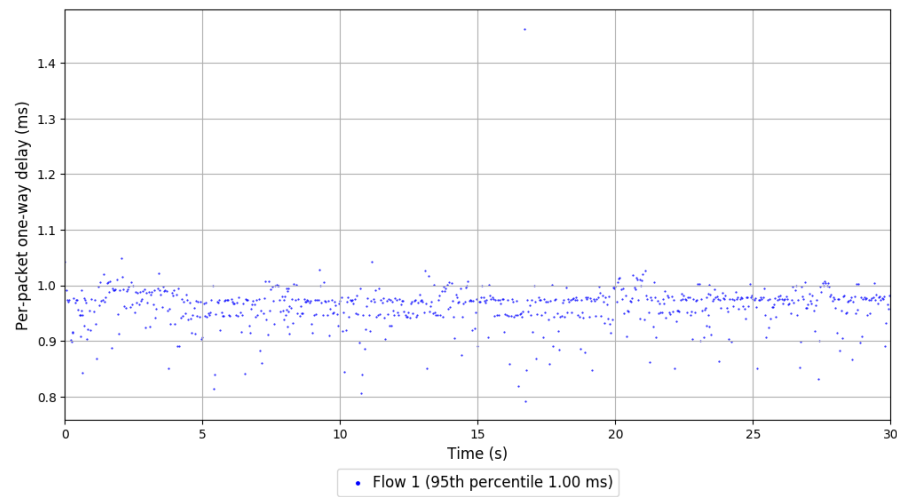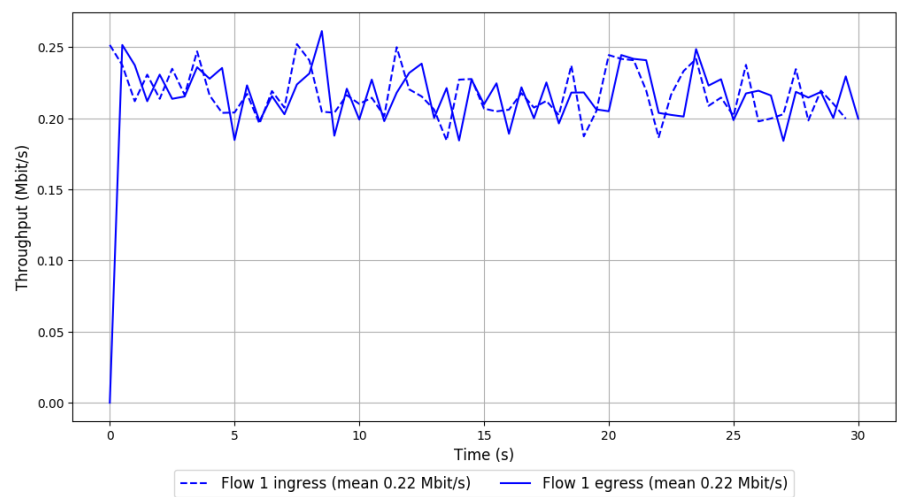# Run 7: Report of SCReAM — Data Link

```
Run 8: Statistics of SCReAM

Start at: 2018-06-05 06:32:25
End at: 2018-06-05 06:32:55
Local clock offset: -5.443 ms
Remote clock offset: -3.219 ms


# Below is generated by plot.py at 2018-06-05 07:35:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.004 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.004 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

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

Flow 1 (95th percentile 1.00 ms)

```
Run 9: Statistics of SCReAM

Start at: 2018-06-05 06:50:18
End at: 2018-06-05 06:50:48
Local clock offset: -4.638 ms
Remote clock offset: -4.522 ms


# Below is generated by plot.py at 2018-06-05 07:35:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.323 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.323 ms
Loss rate: 0.00%
```
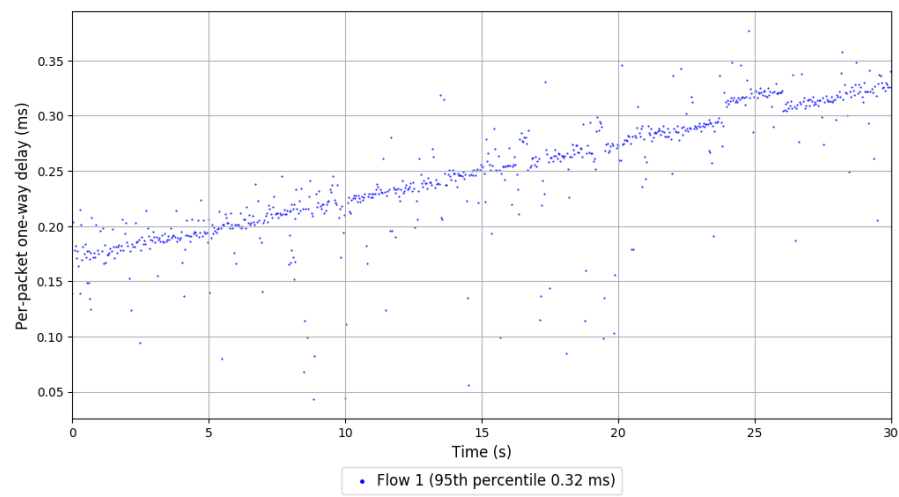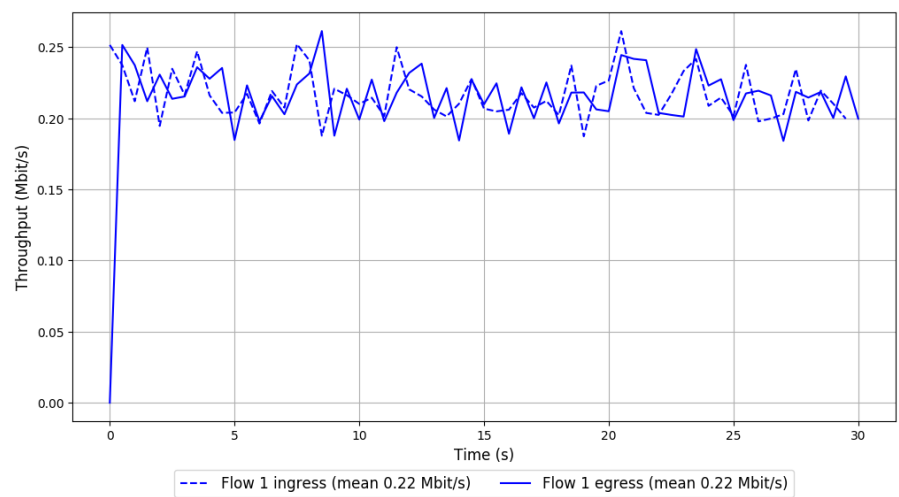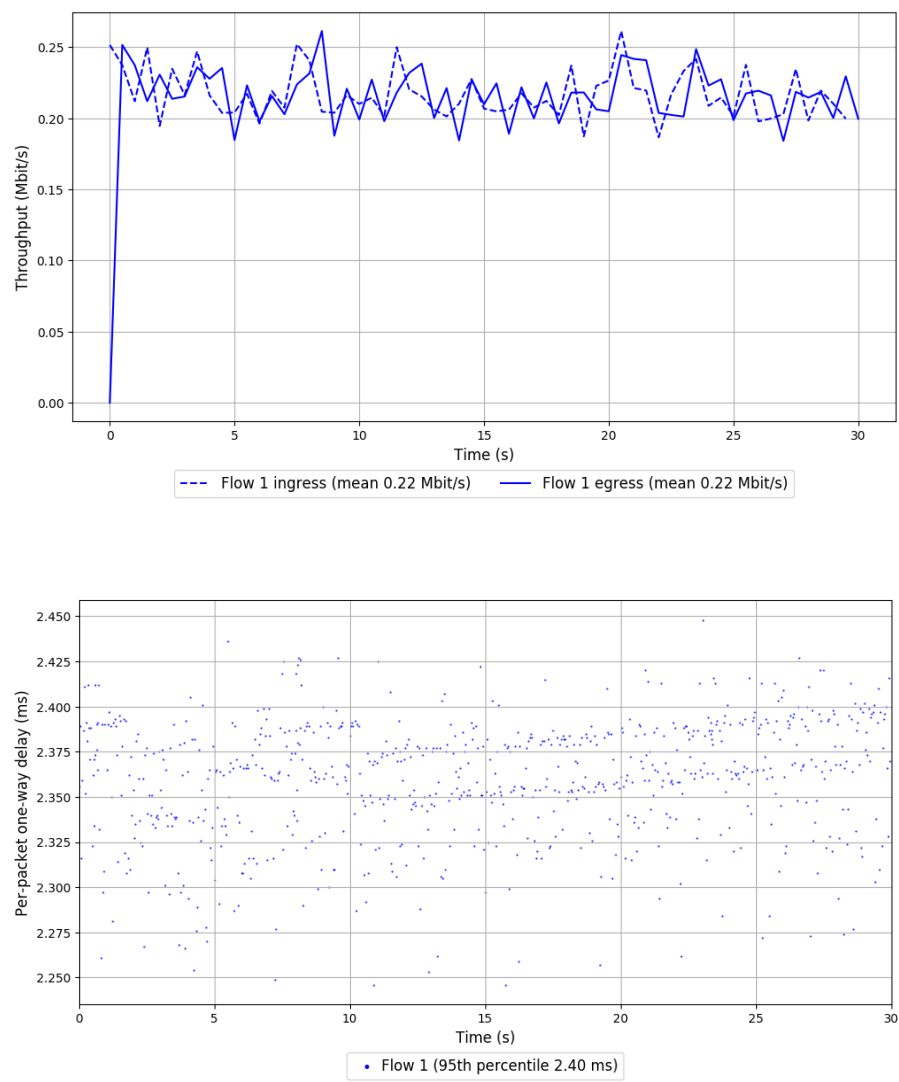
Run 9: Report of SCReAM — Data Link

```
Run 10: Statistics of SCReAM

Start at: 2018-06-05 07:08:13
End at: 2018-06-05 07:08:43
Local clock offset: -5.474 ms
Remote clock offset: -7.587 ms


# Below is generated by plot.py at 2018-06-05 07:35:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.405 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.405 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)

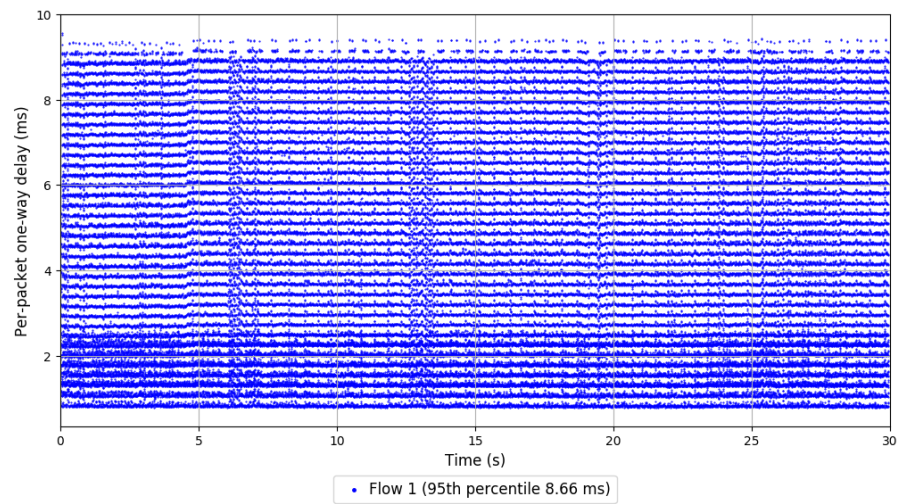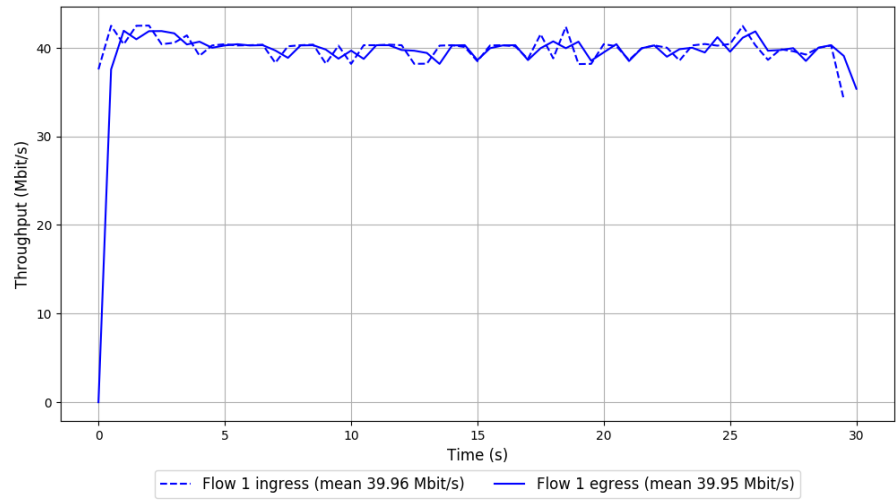Flow 1 (95th percentile 2.40 ms)

```
Run 1: Statistics of Sprout

Start at: 2018-06-05 04:22:35
End at: 2018-06-05 04:23:05
Local clock offset: -5.885 ms
Remote clock offset: -1.612 ms


# Below is generated by plot.py at 2018-06-05 07:35:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.95 Mbit/s
95th percentile per-packet one-way delay: 8.656 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 39.95 Mbit/s
95th percentile per-packet one-way delay: 8.656 ms
Loss rate: 0.00%
```

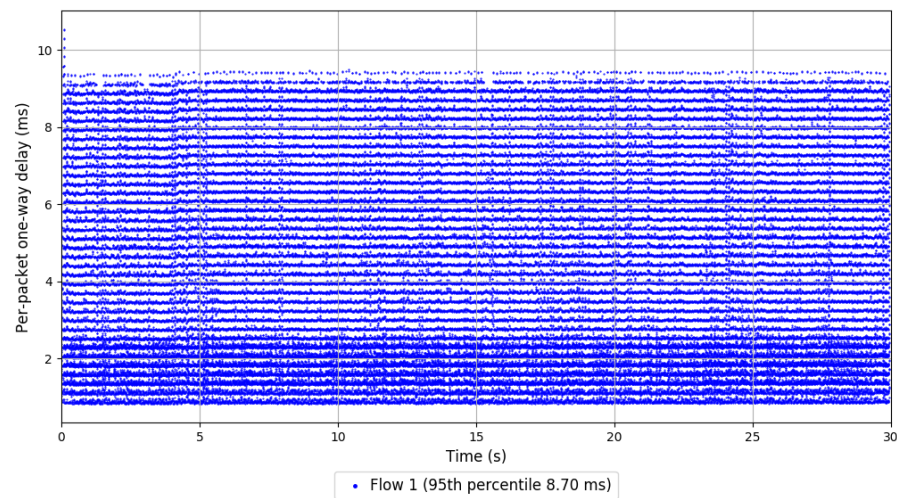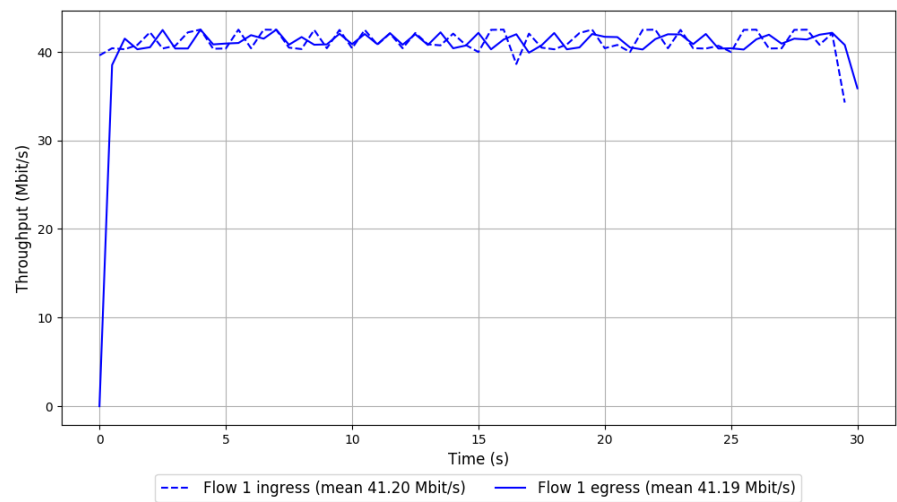Run 1: Report of Sprout — Data Link

```
Run 2: Statistics of Sprout

Start at: 2018-06-05 04:40:28
End at: 2018-06-05 04:40:58
Local clock offset: -5.812 ms
Remote clock offset: -1.915 ms


# Below is generated by plot.py at 2018-06-05 07:35:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.19 Mbit/s
95th percentile per-packet one-way delay: 8.701 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 41.19 Mbit/s
95th percentile per-packet one-way delay: 8.701 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

Flow 1 ingress (mean 41.20 Mbit/s)　　　Flow 1 egress (mean 41.19 Mbit/s)

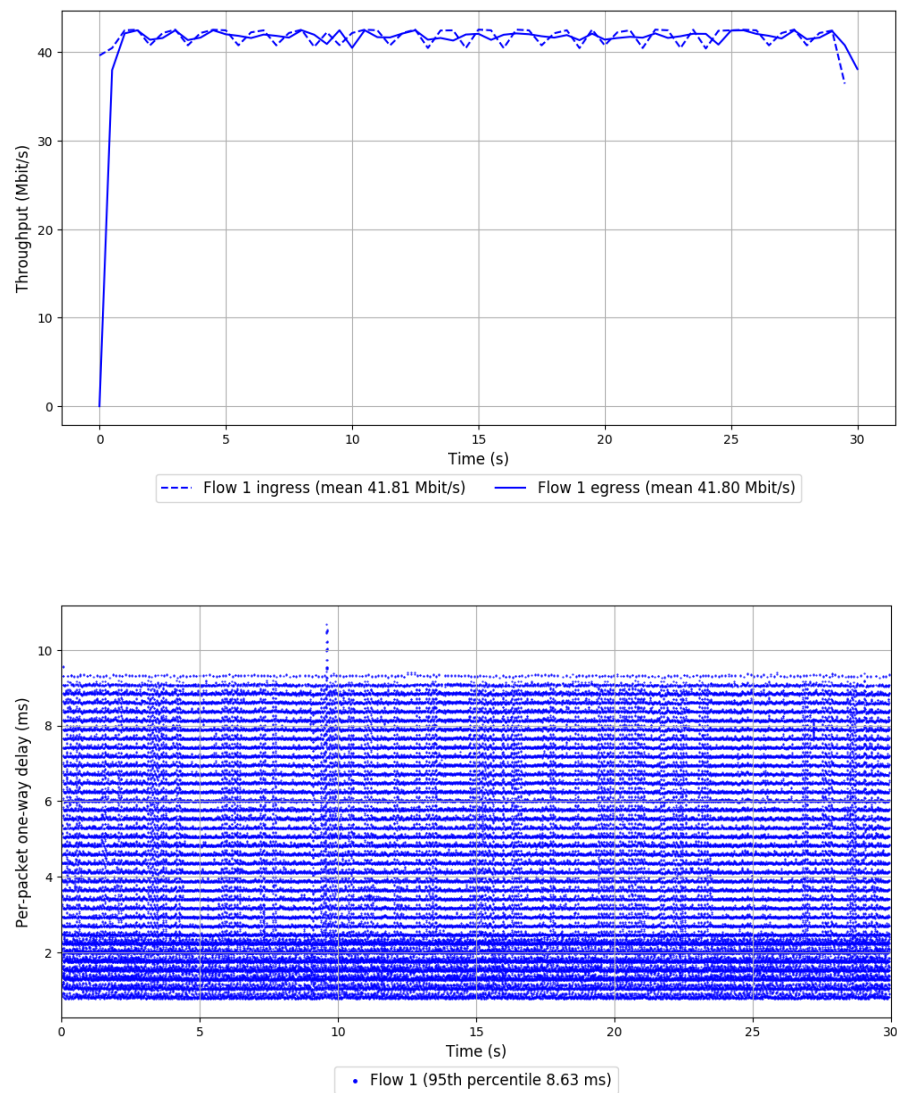• Flow 1 (95th percentile 8.70 ms)

```
Run 3: Statistics of Sprout

Start at: 2018-06-05 04:58:23
End at: 2018-06-05 04:58:53
Local clock offset: -5.761 ms
Remote clock offset: -2.128 ms


# Below is generated by plot.py at 2018-06-05 07:35:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.80 Mbit/s
95th percentile per-packet one-way delay: 8.634 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 41.80 Mbit/s
95th percentile per-packet one-way delay: 8.634 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

Flow 1 ingress (mean 41.81 Mbit/s)   Flow 1 egress (mean 41.80 Mbit/s)

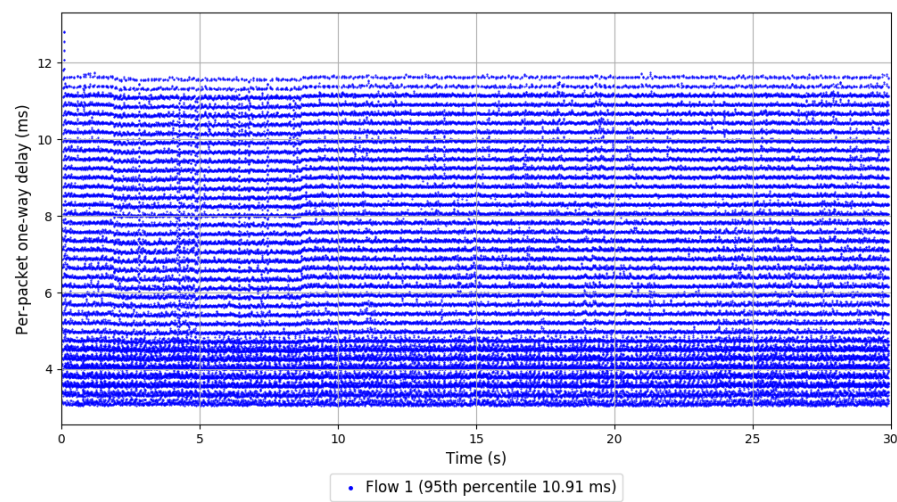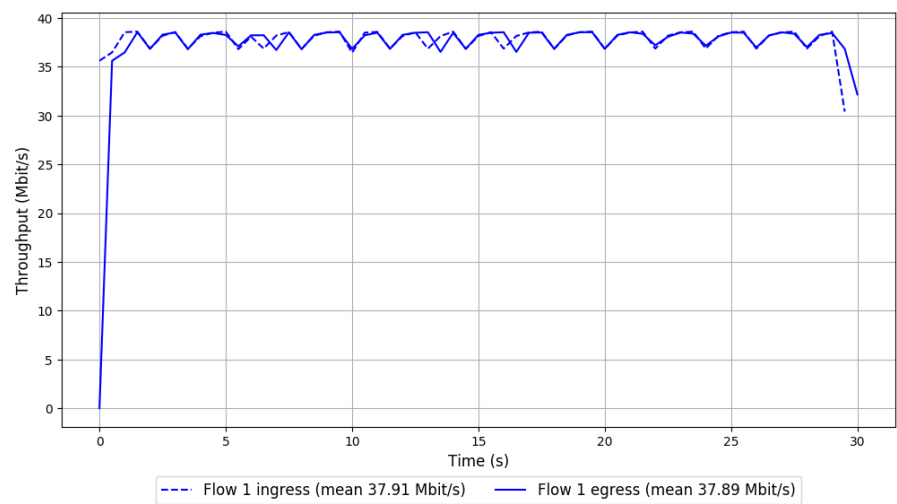Flow 1 (95th percentile 8.63 ms)

```
Run 4: Statistics of Sprout

Start at: 2018-06-05 05:16:18
End at: 2018-06-05 05:16:48
Local clock offset: -6.497 ms
Remote clock offset: -1.929 ms


# Below is generated by plot.py at 2018-06-05 07:35:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.89 Mbit/s
95th percentile per-packet one-way delay: 10.915 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 37.89 Mbit/s
95th percentile per-packet one-way delay: 10.915 ms
Loss rate: 0.00%
```
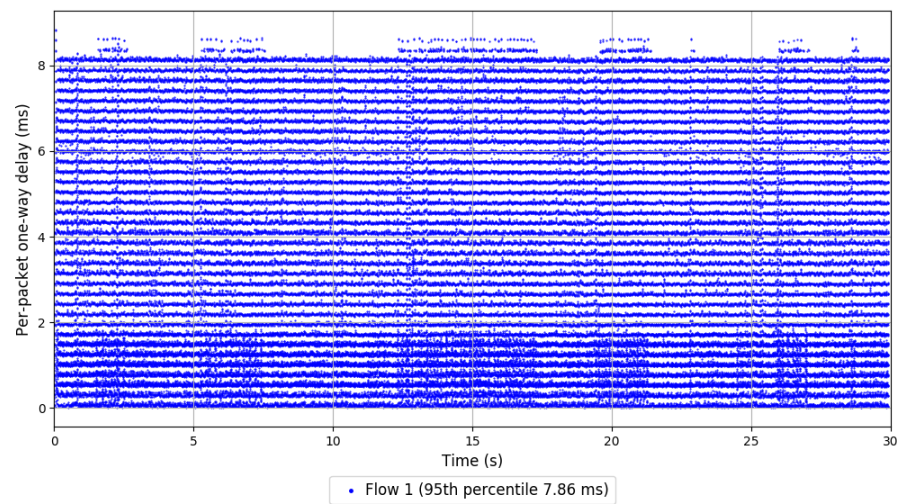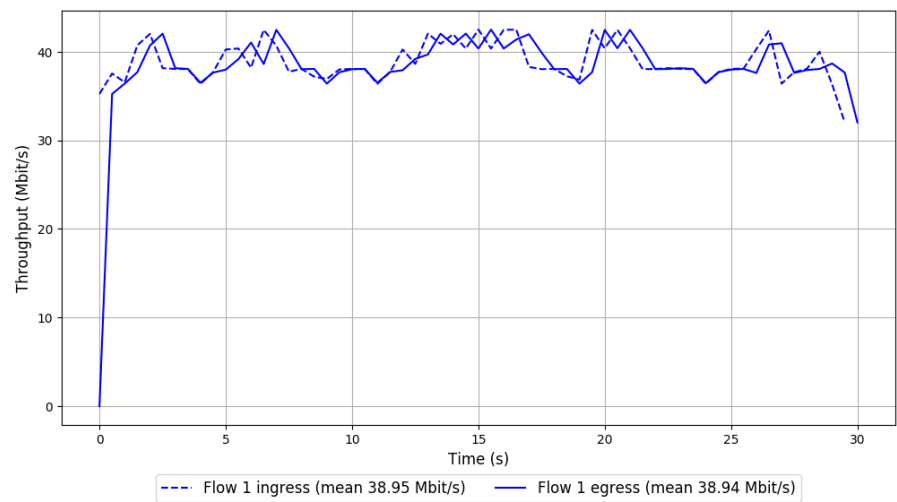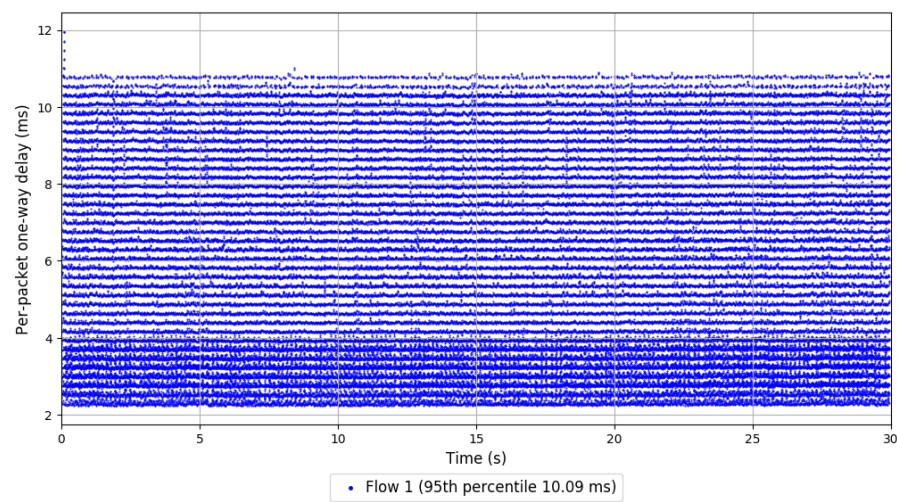
Run 4: Report of Sprout — Data Link

Flow 1 ingress (mean 37.91 Mbit/s)   Flow 1 egress (mean 37.89 Mbit/s)

Flow 1 (95th percentile 10.91 ms)

211

```
Run 5: Statistics of Sprout

Start at: 2018-06-05 05:34:13
End at: 2018-06-05 05:34:43
Local clock offset: -4.971 ms
Remote clock offset: -1.86 ms


# Below is generated by plot.py at 2018-06-05 07:35:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.94 Mbit/s
95th percentile per-packet one-way delay: 7.859 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 38.94 Mbit/s
95th percentile per-packet one-way delay: 7.859 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

Flow 1 ingress (mean 38.95 Mbit/s) ---- Flow 1 egress (mean 38.94 Mbit/s) ——

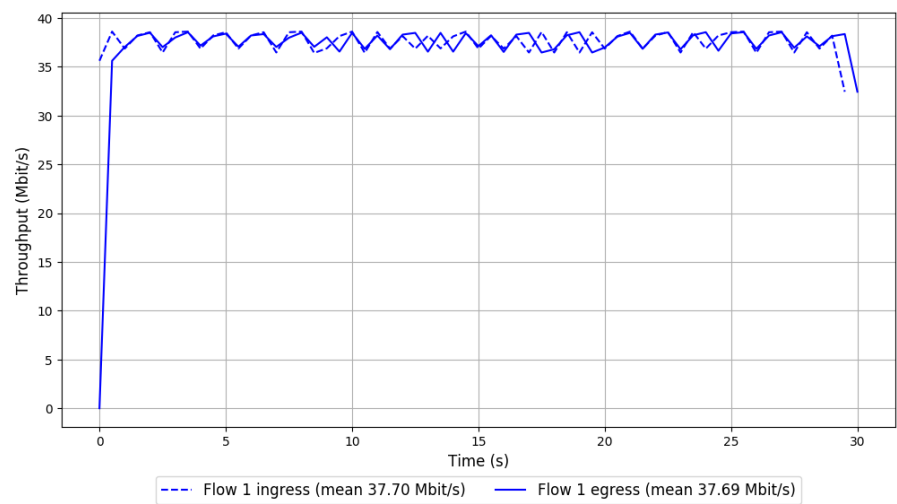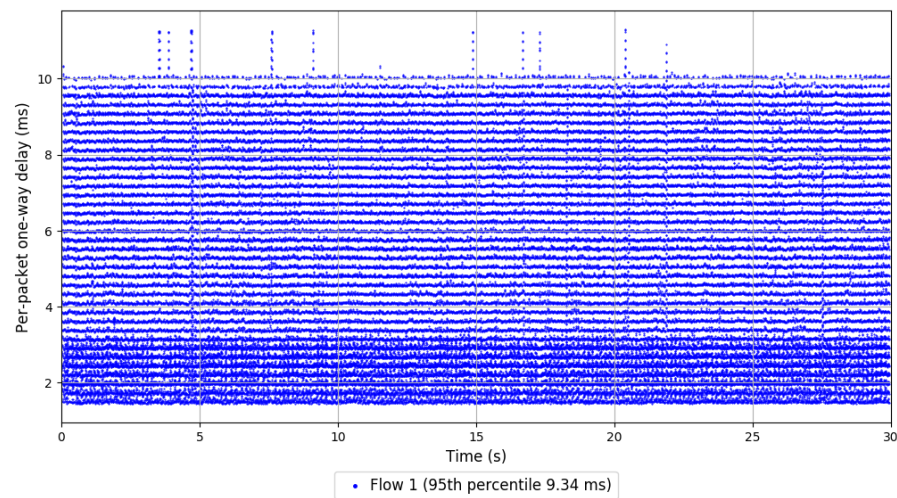• Flow 1 (95th percentile 7.86 ms)

```
Run 6: Statistics of Sprout

Start at: 2018-06-05 05:52:07
End at: 2018-06-05 05:52:37
Local clock offset: -5.867 ms
Remote clock offset: -2.707 ms


# Below is generated by plot.py at 2018-06-05 07:35:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.69 Mbit/s
95th percentile per-packet one-way delay: 10.086 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 37.69 Mbit/s
95th percentile per-packet one-way delay: 10.086 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

Flow 1 ingress (mean 37.70 Mbit/s)   Flow 1 egress (mean 37.69 Mbit/s)

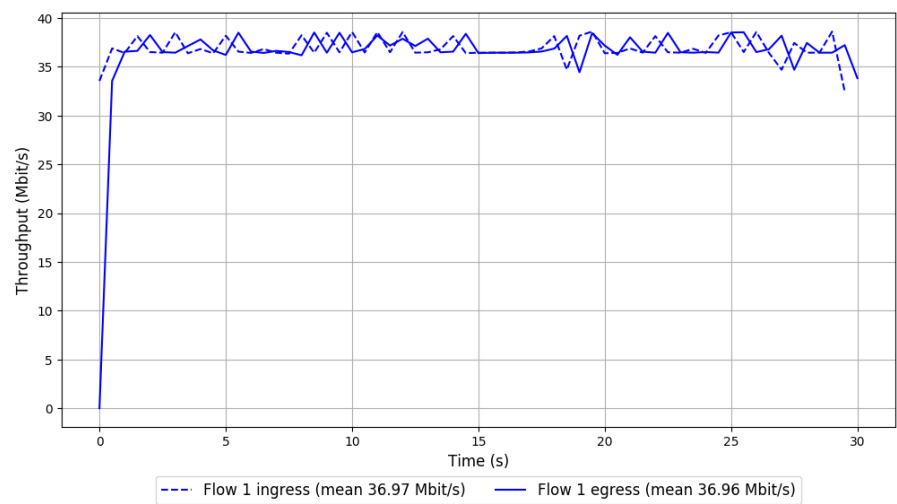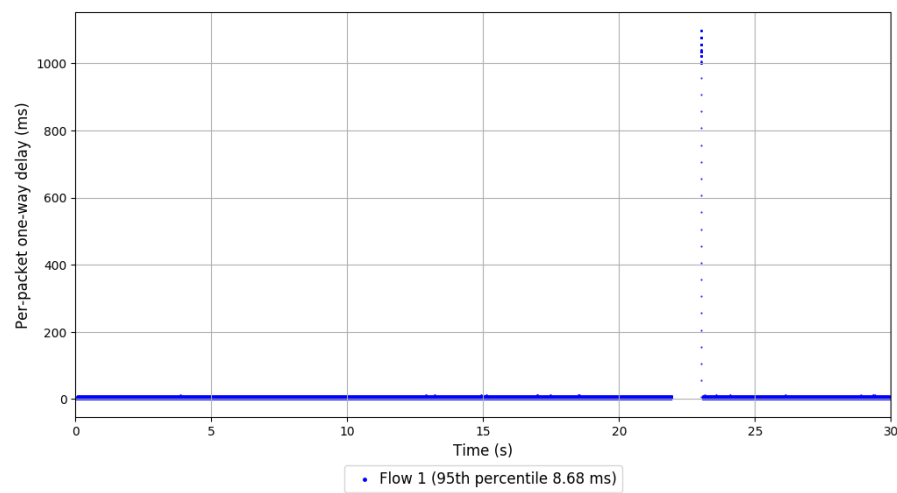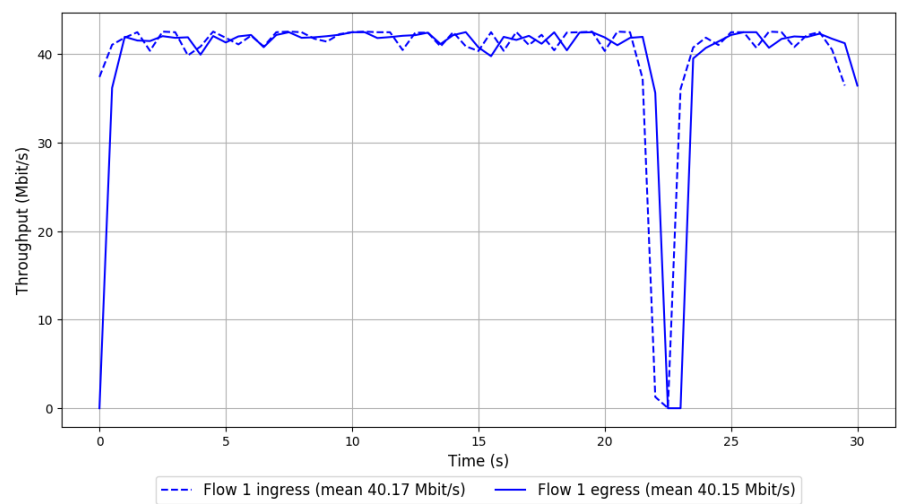Flow 1 (95th percentile 10.09 ms)

```
Run 7: Statistics of Sprout

Start at: 2018-06-05 06:10:01
End at: 2018-06-05 06:10:31
Local clock offset: -4.928 ms
Remote clock offset: -3.076 ms


# Below is generated by plot.py at 2018-06-05 07:36:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.96 Mbit/s
95th percentile per-packet one-way delay: 9.344 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 36.96 Mbit/s
95th percentile per-packet one-way delay: 9.344 ms
Loss rate: 0.00%
```

Run 7: Report of Sprout — Data Link

Flow 1 ingress (mean 36.97 Mbit/s)   Flow 1 egress (mean 36.96 Mbit/s)

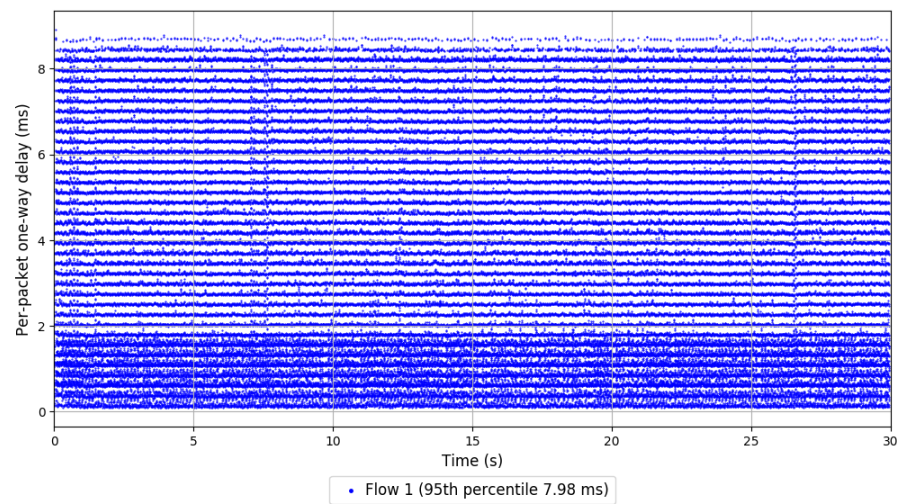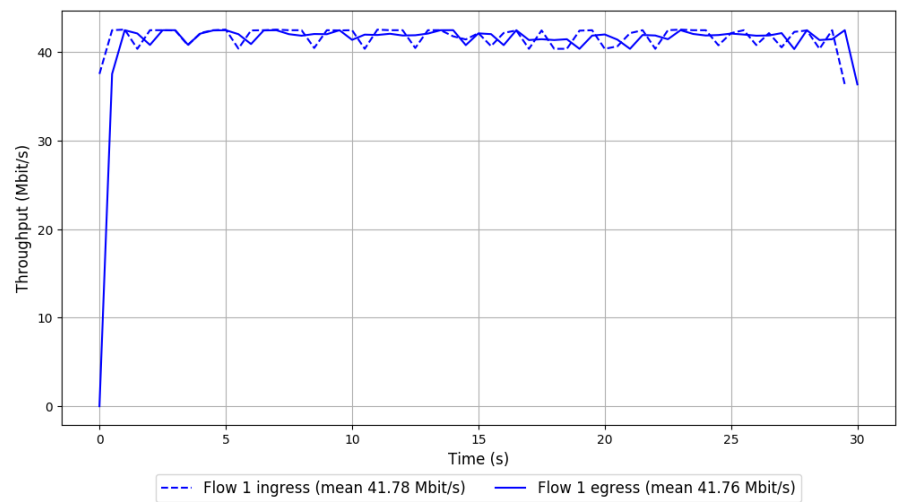Flow 1 (95th percentile 9.34 ms)

```
Run 8: Statistics of Sprout

Start at: 2018-06-05 06:27:55
End at: 2018-06-05 06:28:25
Local clock offset: -5.467 ms
Remote clock offset: -3.185 ms


# Below is generated by plot.py at 2018-06-05 07:36:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.15 Mbit/s
95th percentile per-packet one-way delay: 8.682 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 40.15 Mbit/s
95th percentile per-packet one-way delay: 8.682 ms
Loss rate: 0.00%
```

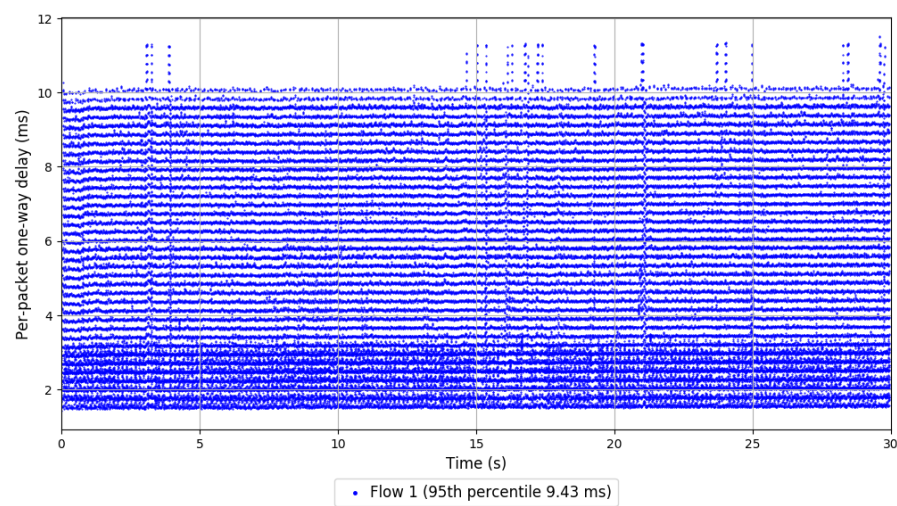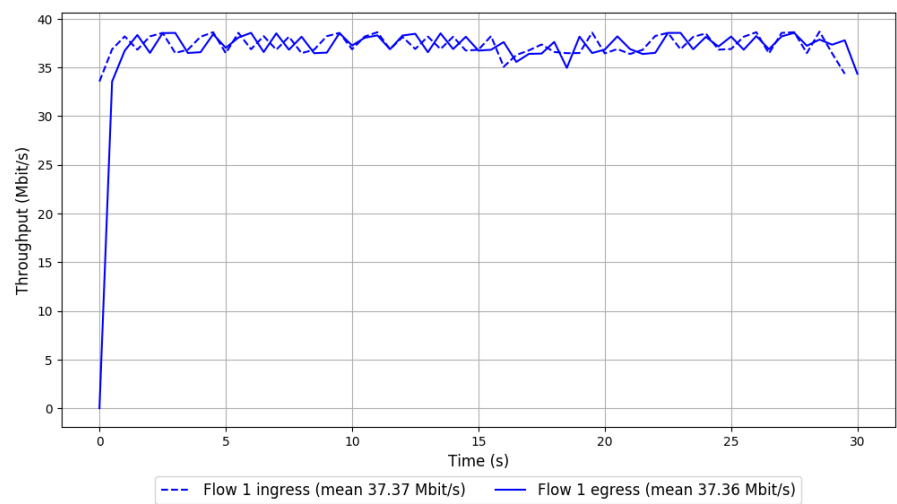Run 8: Report of Sprout — Data Link

Flow 1 ingress (mean 40.17 Mbit/s) --- Flow 1 egress (mean 40.15 Mbit/s)

Flow 1 (95th percentile 8.68 ms)

```
Run 9: Statistics of Sprout

Start at: 2018-06-05 06:45:48
End at: 2018-06-05 06:46:18
Local clock offset: -4.72 ms
Remote clock offset: -3.353 ms


# Below is generated by plot.py at 2018-06-05 07:36:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.76 Mbit/s
95th percentile per-packet one-way delay: 7.981 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 41.76 Mbit/s
95th percentile per-packet one-way delay: 7.981 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

Flow 1 ingress (mean 41.78 Mbit/s)   Flow 1 egress (mean 41.76 Mbit/s)

Flow 1 (95th percentile 7.98 ms)

221

```
Run 10: Statistics of Sprout

Start at: 2018-06-05 07:03:43
End at: 2018-06-05 07:04:13
Local clock offset: -4.593 ms
Remote clock offset: -7.088 ms


# Below is generated by plot.py at 2018-06-05 07:36:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.36 Mbit/s
95th percentile per-packet one-way delay: 9.425 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 37.36 Mbit/s
95th percentile per-packet one-way delay: 9.425 ms
Loss rate: 0.00%
```
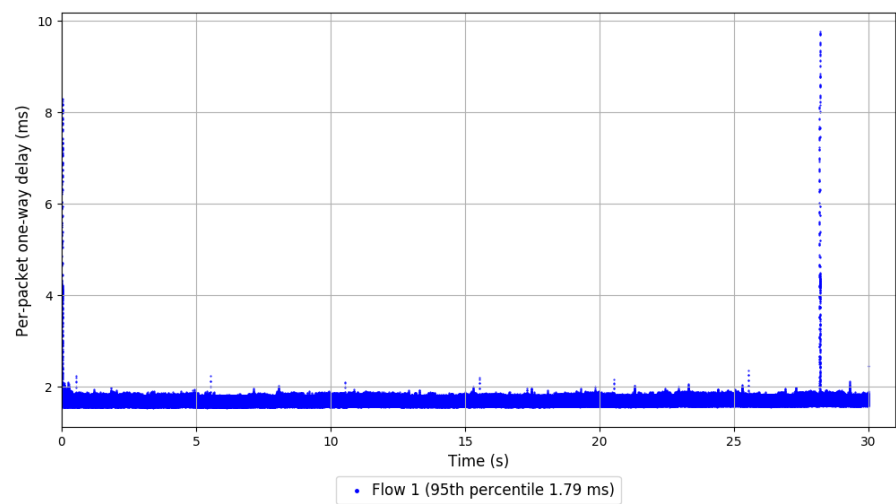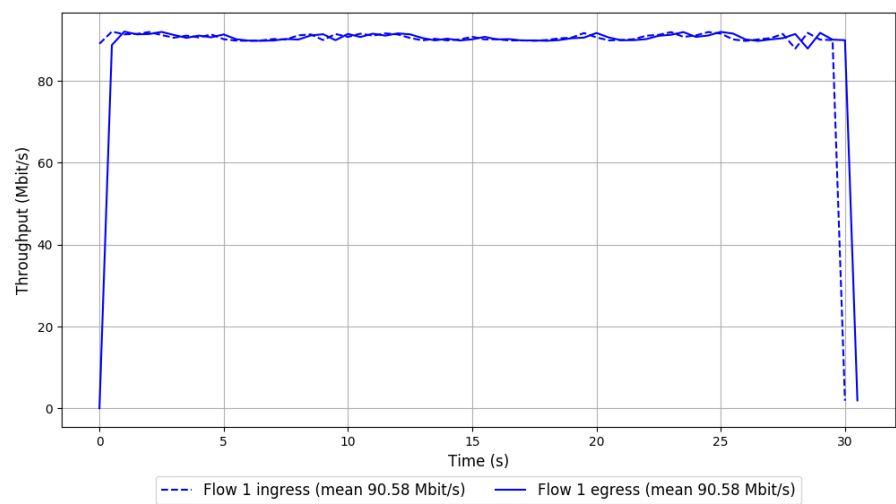
Run 10: Report of Sprout — Data Link

Flow 1 ingress (mean 37.37 Mbit/s)   Flow 1 egress (mean 37.36 Mbit/s)

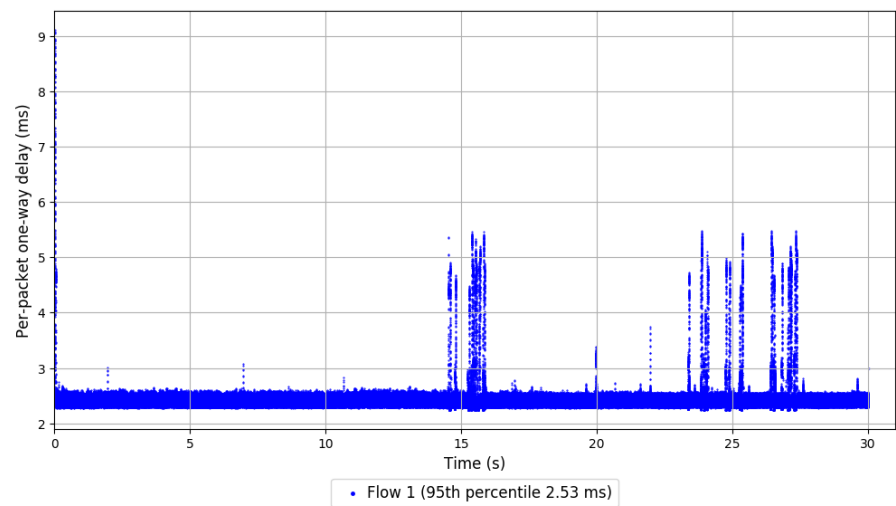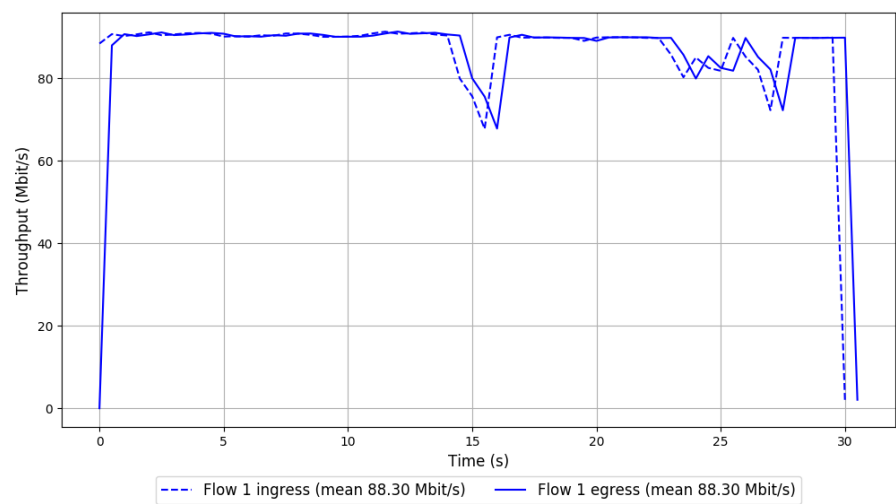Flow 1 (95th percentile 9.43 ms)

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

Start at: 2018-06-05 04:33:44
End at: 2018-06-05 04:34:14
Local clock offset: -5.147 ms
Remote clock offset: -1.695 ms


# Below is generated by plot.py at 2018-06-05 07:37:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.58 Mbit/s
95th percentile per-packet one-way delay: 1.795 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.58 Mbit/s
95th percentile per-packet one-way delay: 1.795 ms
Loss rate: 0.00%
```

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

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

Start at: 2018-06-05 04:51:37
End at: 2018-06-05 04:52:07
Local clock offset: -5.712 ms
Remote clock offset: -2.043 ms


# Below is generated by plot.py at 2018-06-05 07:37:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.30 Mbit/s
95th percentile per-packet one-way delay: 2.527 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.30 Mbit/s
95th percentile per-packet one-way delay: 2.527 ms
Loss rate: 0.00%
```
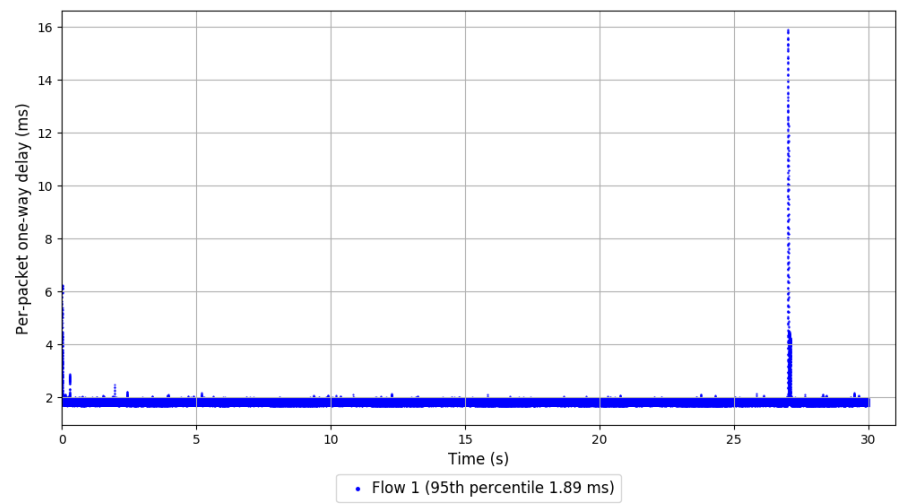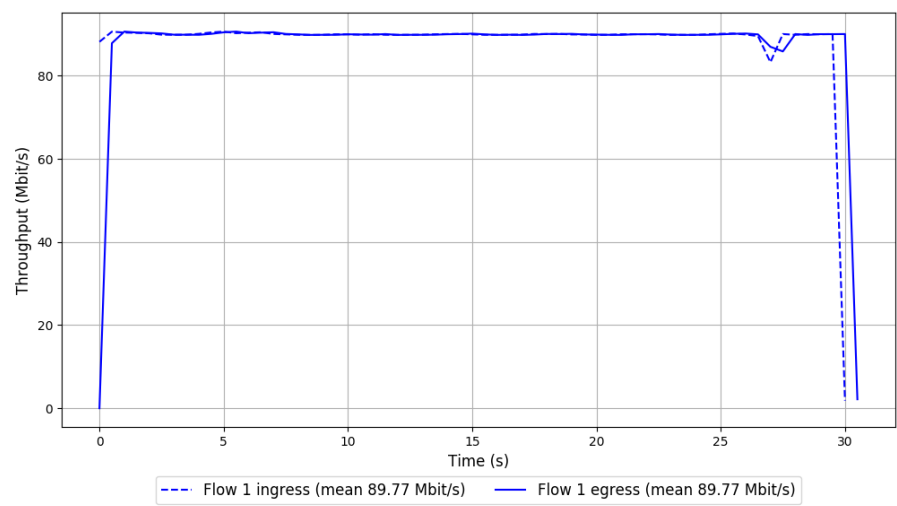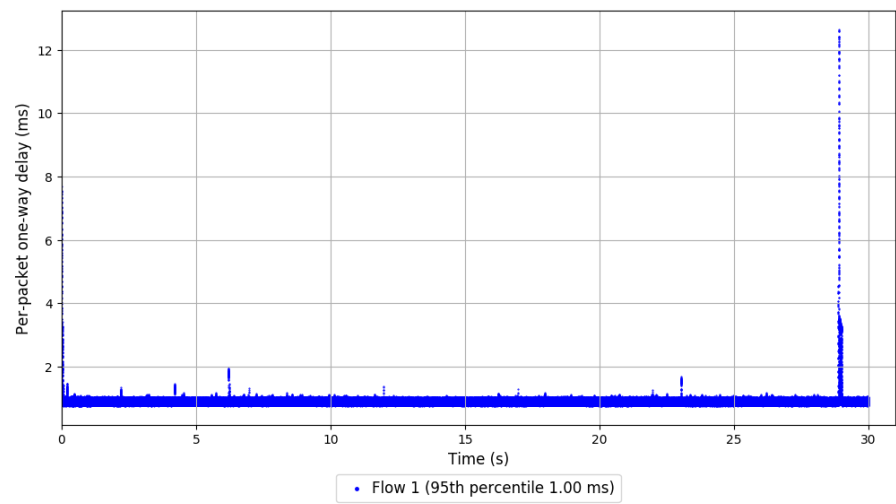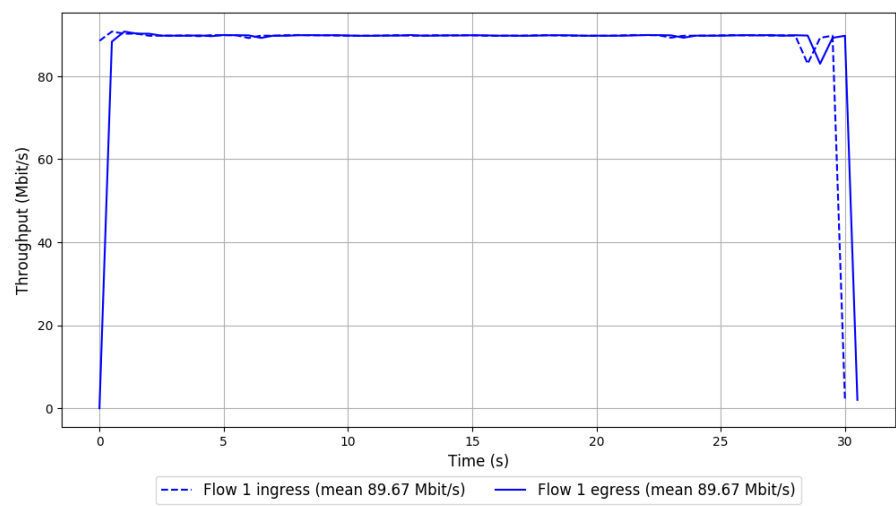
Run 2: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 88.30 Mbit/s) ----- Flow 1 egress (mean 88.30 Mbit/s) ——

Flow 1 (95th percentile 2.53 ms)

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

Start at: 2018-06-05 05:09:33
End at: 2018-06-05 05:10:03
Local clock offset: -6.55 ms
Remote clock offset: -1.991 ms


# Below is generated by plot.py at 2018-06-05 07:37:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.77 Mbit/s
95th percentile per-packet one-way delay: 1.894 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.77 Mbit/s
95th percentile per-packet one-way delay: 1.894 ms
Loss rate: 0.00%
```
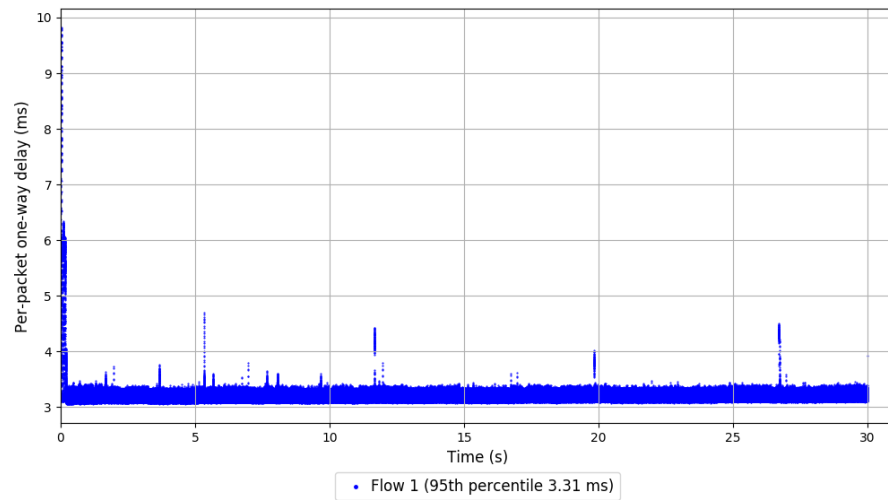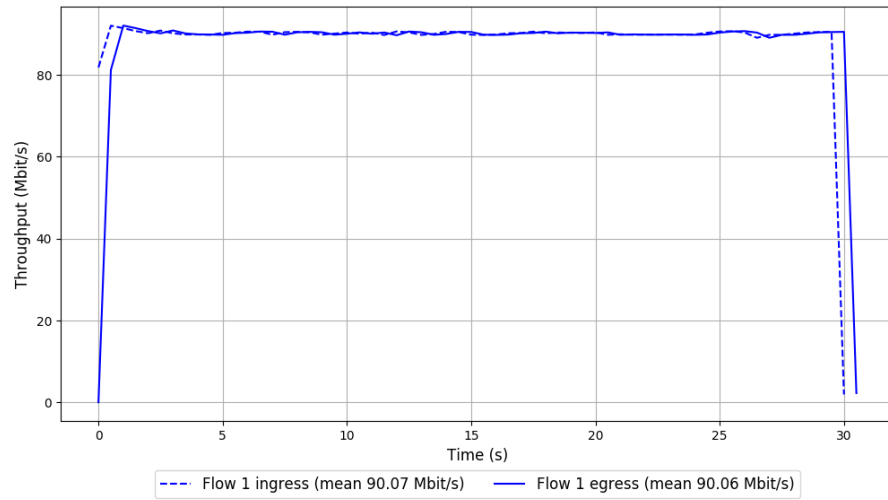
Run 3: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 89.77 Mbit/s)   Flow 1 egress (mean 89.77 Mbit/s)

Flow 1 (95th percentile 1.89 ms)

229

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

Start at: 2018-06-05 05:27:27
End at: 2018-06-05 05:27:57
Local clock offset: -5.737 ms
Remote clock offset: -1.937 ms


# Below is generated by plot.py at 2018-06-05 07:38:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.67 Mbit/s
95th percentile per-packet one-way delay: 1.001 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.67 Mbit/s
95th percentile per-packet one-way delay: 1.001 ms
Loss rate: 0.00%
```

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

Flow 1 ingress (mean 89.67 Mbit/s) ----- Flow 1 egress (mean 89.67 Mbit/s) ———

Flow 1 (95th percentile 1.00 ms)

231

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

Start at: 2018-06-05 05:45:21
End at: 2018-06-05 05:45:51
Local clock offset: -6.677 ms
Remote clock offset: -2.447 ms


# Below is generated by plot.py at 2018-06-05 07:38:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.06 Mbit/s
95th percentile per-packet one-way delay: 3.313 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.06 Mbit/s
95th percentile per-packet one-way delay: 3.313 ms
Loss rate: 0.00%
```
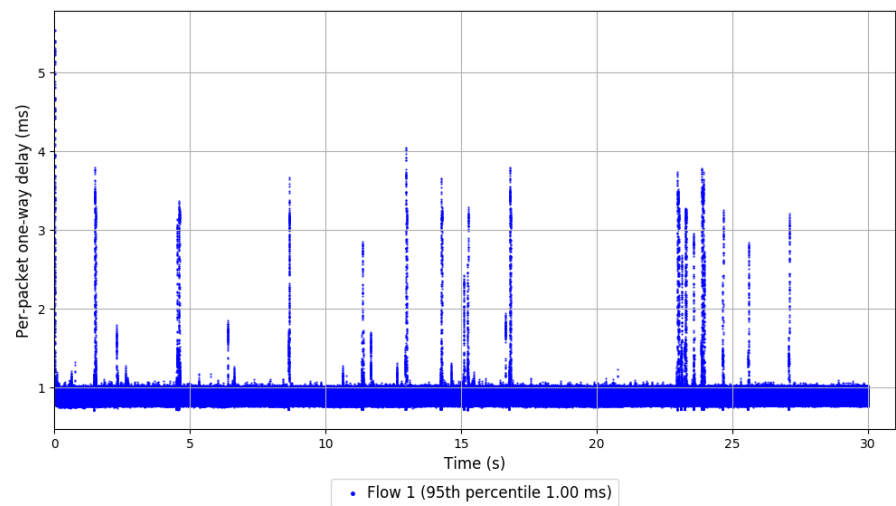
Run 5: Report of TaoVA-100x — Data Link

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

Start at: 2018-06-05 06:03:16
End at: 2018-06-05 06:03:46
Local clock offset: -5.881 ms
Remote clock offset: -2.979 ms


# Below is generated by plot.py at 2018-06-05 07:38:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.61 Mbit/s
95th percentile per-packet one-way delay: 0.997 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.61 Mbit/s
95th percentile per-packet one-way delay: 0.997 ms
Loss rate: 0.00%
```
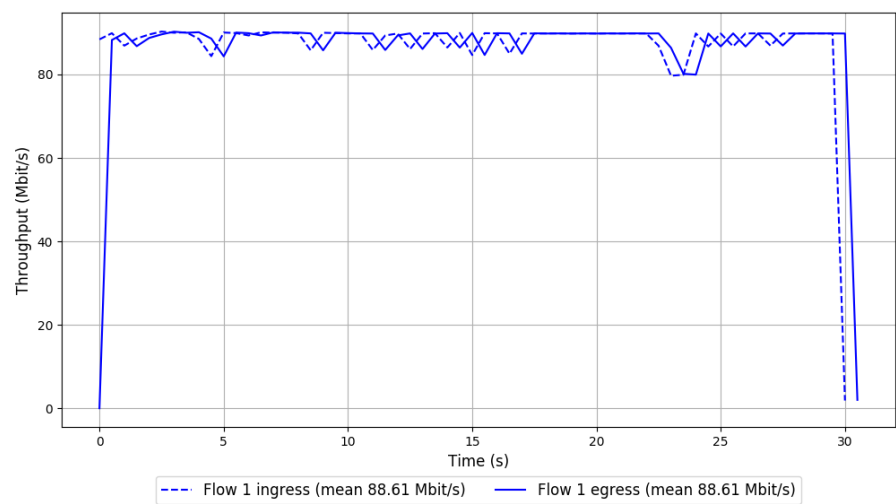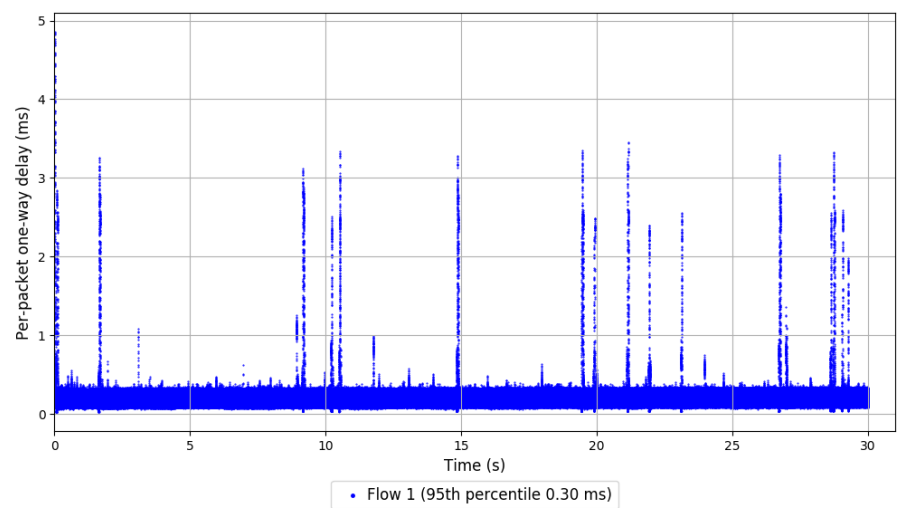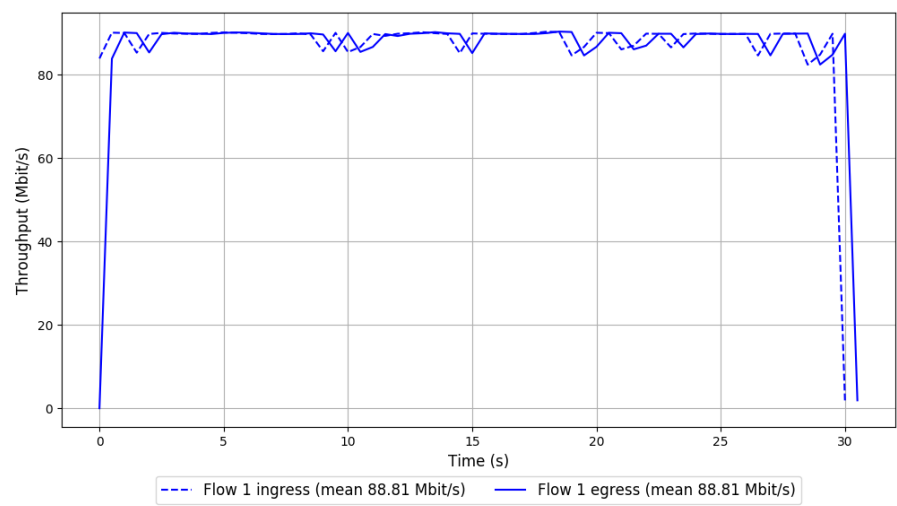
Run 6: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 88.61 Mbit/s) --- Flow 1 egress (mean 88.61 Mbit/s)

Flow 1 (95th percentile 1.00 ms)

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

Start at: 2018-06-05 06:21:09
End at: 2018-06-05 06:21:39
Local clock offset: -4.758 ms
Remote clock offset: -3.123 ms


# Below is generated by plot.py at 2018-06-05 07:38:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.81 Mbit/s
95th percentile per-packet one-way delay: 0.304 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.81 Mbit/s
95th percentile per-packet one-way delay: 0.304 ms
Loss rate: 0.00%
```
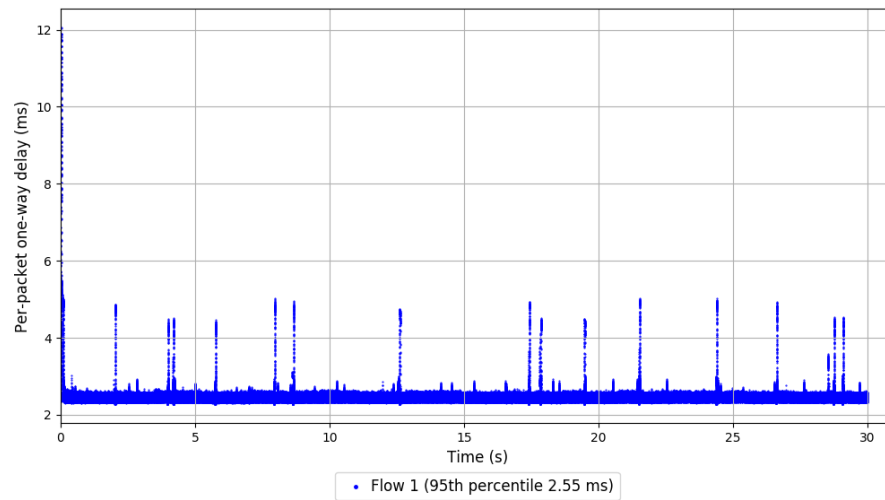
Run 7: Report of TaoVA-100x — Data Link

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

Start at: 2018-06-05 06:39:04
End at: 2018-06-05 06:39:34
Local clock offset: -5.438 ms
Remote clock offset: -3.27 ms


# Below is generated by plot.py at 2018-06-05 07:38:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.18 Mbit/s
95th percentile per-packet one-way delay: 2.551 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.18 Mbit/s
95th percentile per-packet one-way delay: 2.551 ms
Loss rate: 0.00%
```
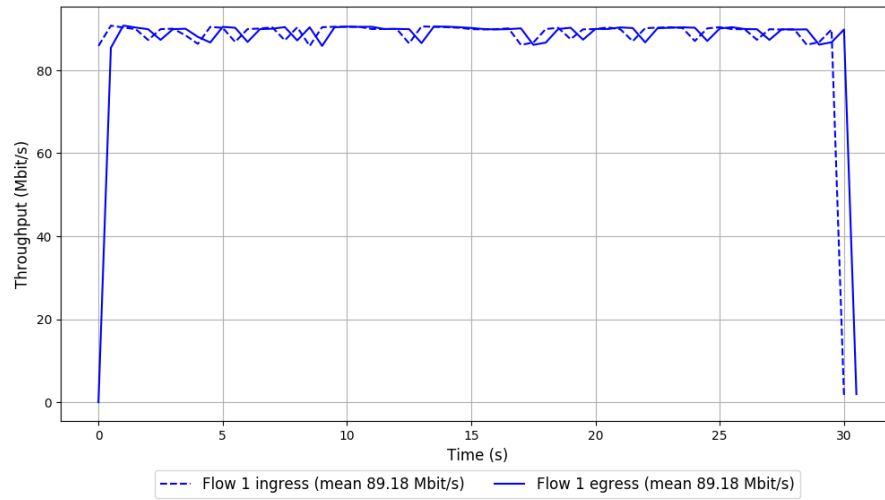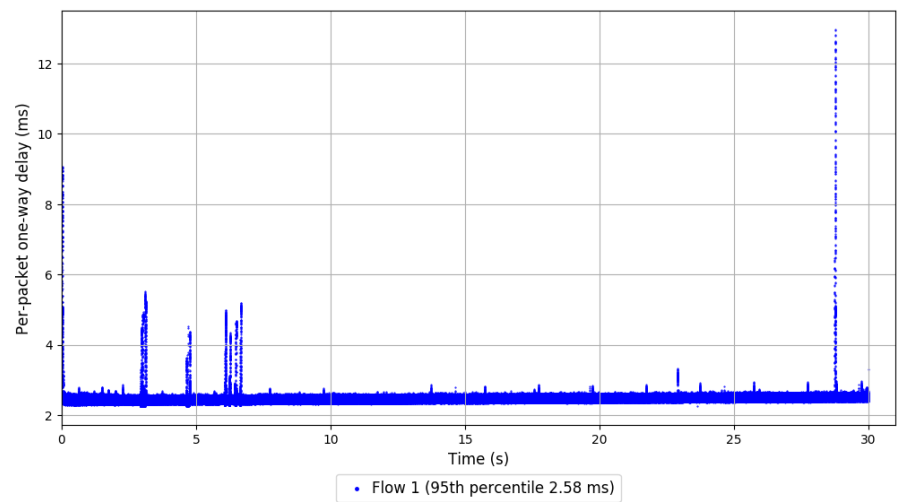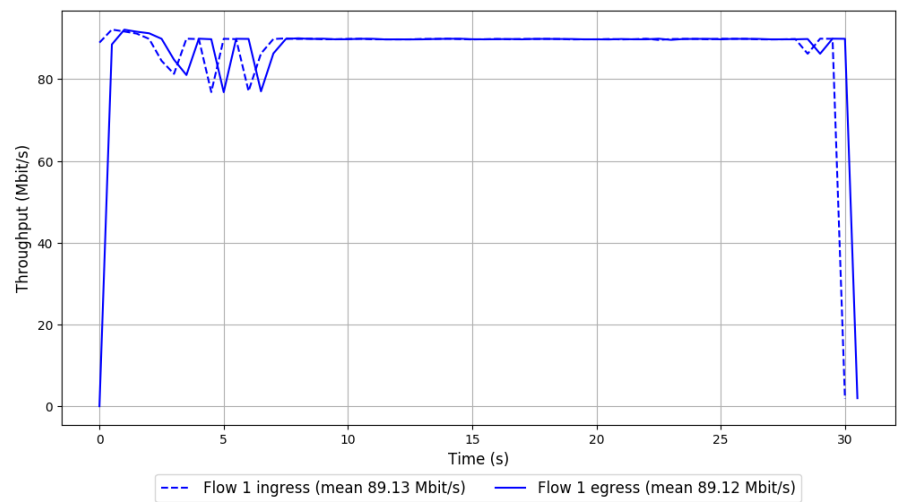
Run 8: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 89.18 Mbit/s) ----- Flow 1 egress (mean 89.18 Mbit/s) ———

Flow 1 (95th percentile 2.55 ms)

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

Start at: 2018-06-05 06:56:57
End at: 2018-06-05 06:57:27
Local clock offset: -5.391 ms
Remote clock offset: -6.091 ms


# Below is generated by plot.py at 2018-06-05 07:39:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.12 Mbit/s
95th percentile per-packet one-way delay: 2.582 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.12 Mbit/s
95th percentile per-packet one-way delay: 2.582 ms
Loss rate: 0.00%
```

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

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

Start at: 2018-06-05 07:14:52
End at: 2018-06-05 07:15:22
Local clock offset: -6.413 ms
Remote clock offset: -8.091 ms


# Below is generated by plot.py at 2018-06-05 07:40:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.73 Mbit/s
95th percentile per-packet one-way delay: 1.928 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.73 Mbit/s
95th percentile per-packet one-way delay: 1.928 ms
Loss rate: 0.00%
```
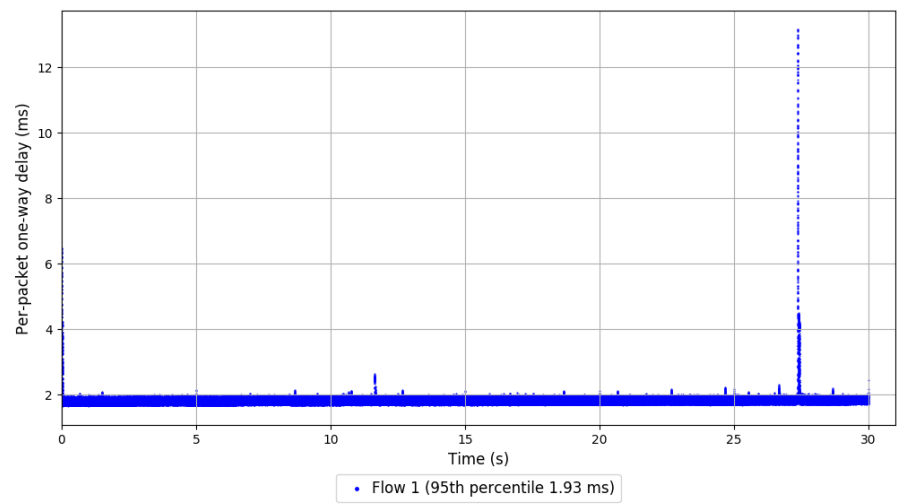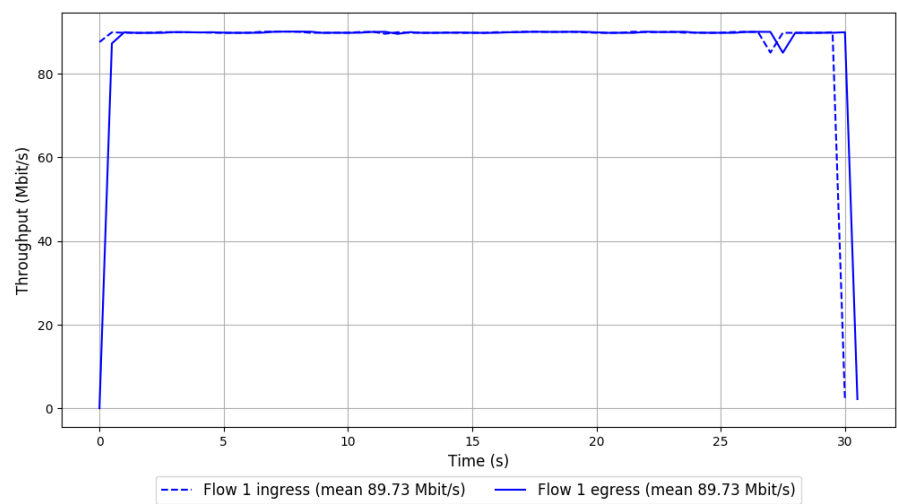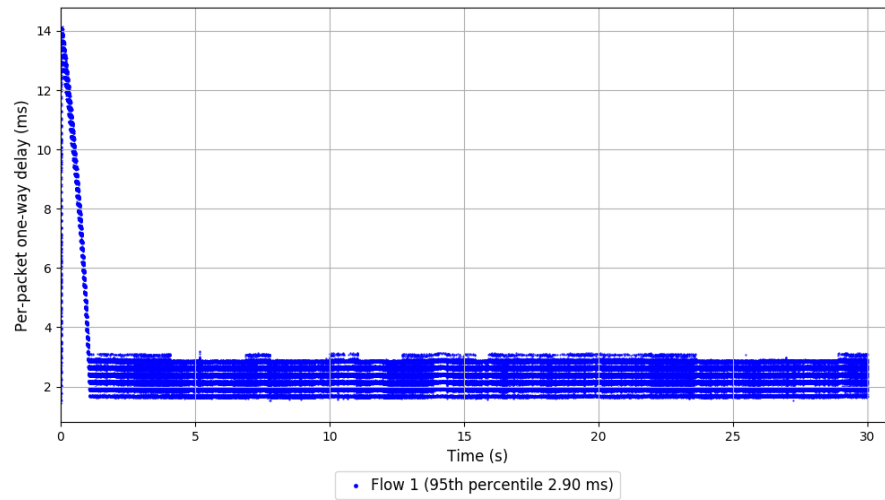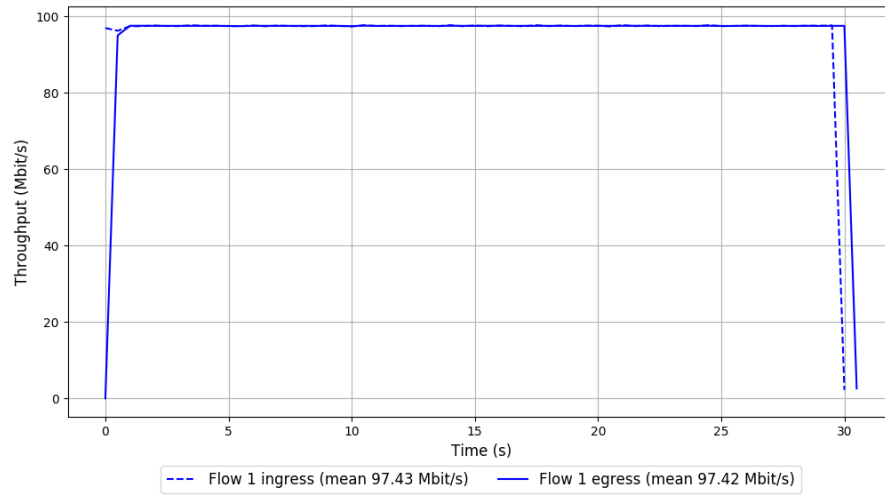
Run 10: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 89.73 Mbit/s) ----   Flow 1 egress (mean 89.73 Mbit/s) ——
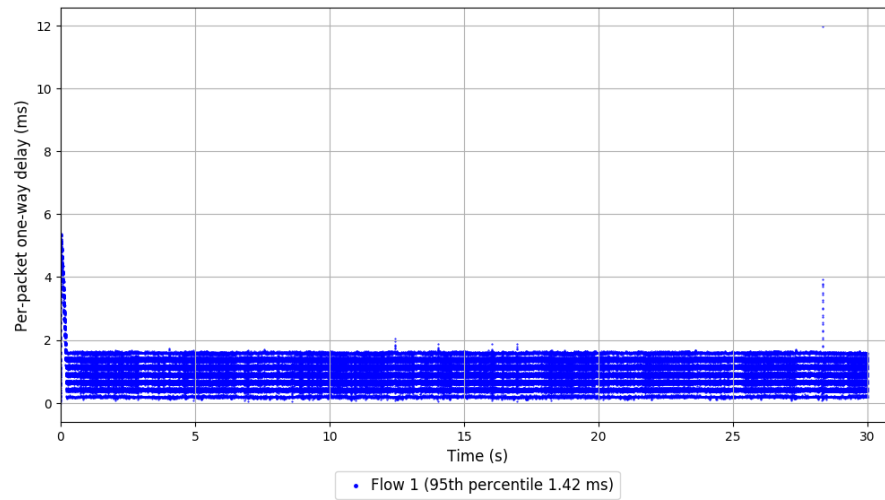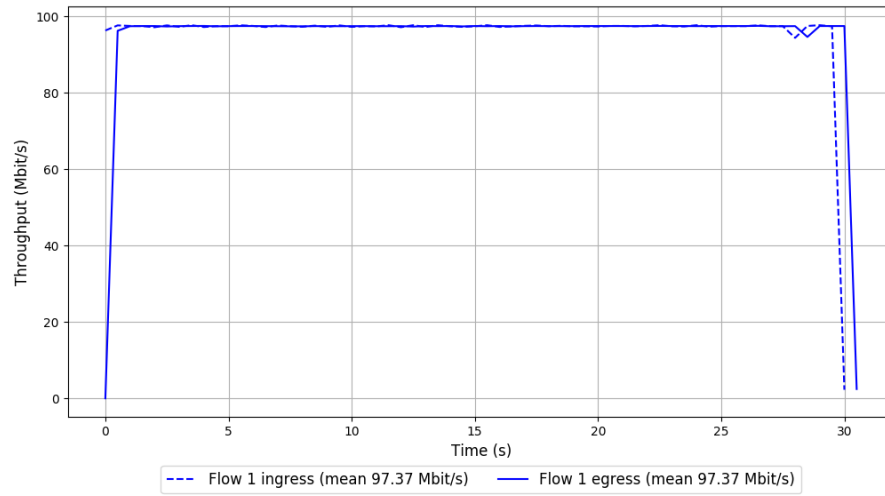

Flow 1 (95th percentile 1.93 ms) •

243

```
Run 1: Statistics of TCP Vegas

Start at: 2018-06-05 04:30:21
End at: 2018-06-05 04:30:51
Local clock offset: -5.133 ms
Remote clock offset: -1.61 ms


# Below is generated by plot.py at 2018-06-05 07:40:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.42 Mbit/s
95th percentile per-packet one-way delay: 2.897 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.42 Mbit/s
95th percentile per-packet one-way delay: 2.897 ms
Loss rate: 0.00%
```

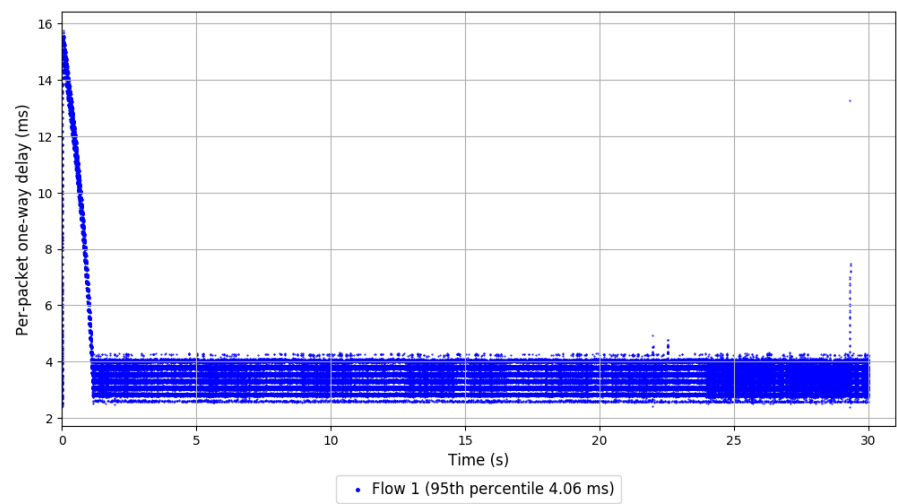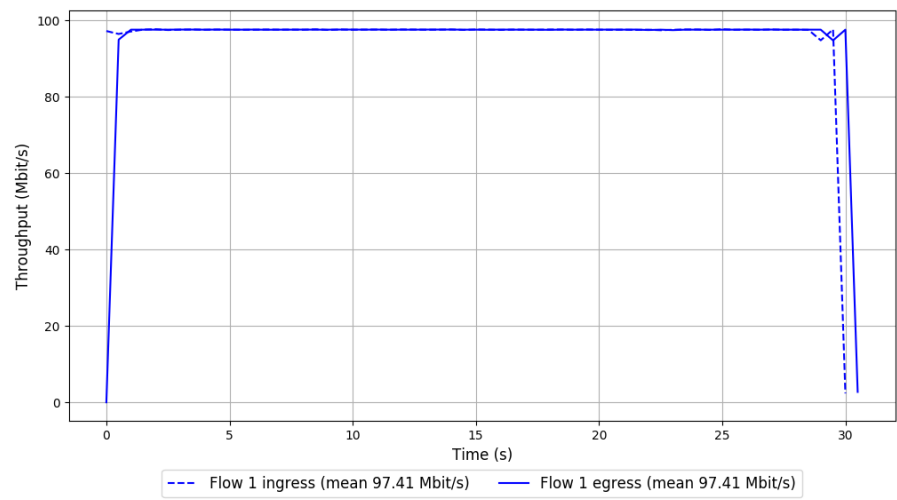Run 1: Report of TCP Vegas — Data Link

```
Run 2: Statistics of TCP Vegas

Start at: 2018-06-05 04:48:15
End at: 2018-06-05 04:48:45
Local clock offset: -4.964 ms
Remote clock offset: -2.103 ms


# Below is generated by plot.py at 2018-06-05 07:40:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.37 Mbit/s
95th percentile per-packet one-way delay: 1.419 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.37 Mbit/s
95th percentile per-packet one-way delay: 1.419 ms
Loss rate: 0.00%
```
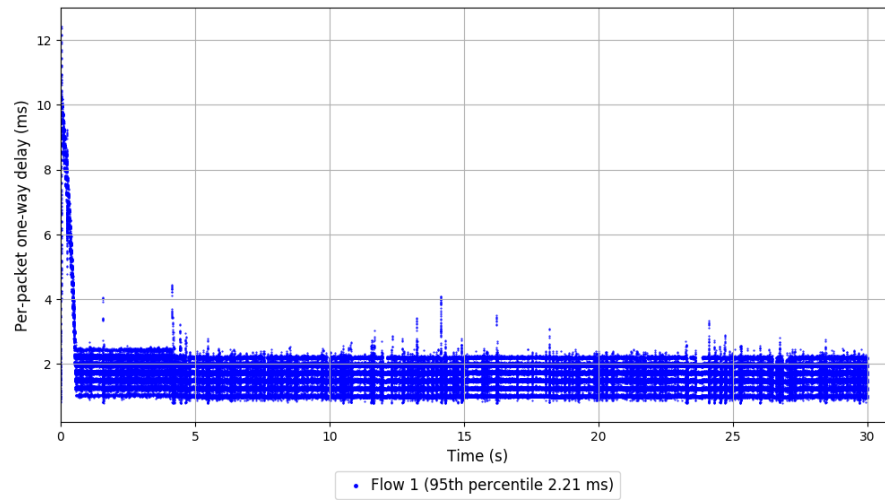
Run 2: Report of TCP Vegas — Data Link

```
Run 3: Statistics of TCP Vegas

Start at: 2018-06-05 05:06:10
End at: 2018-06-05 05:06:40
Local clock offset: -5.762 ms
Remote clock offset: -2.033 ms


# Below is generated by plot.py at 2018-06-05 07:40:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.41 Mbit/s
95th percentile per-packet one-way delay: 4.059 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.41 Mbit/s
95th percentile per-packet one-way delay: 4.059 ms
Loss rate: 0.01%
```

Run 3: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 97.41 Mbit/s)   Flow 1 egress (mean 97.41 Mbit/s)

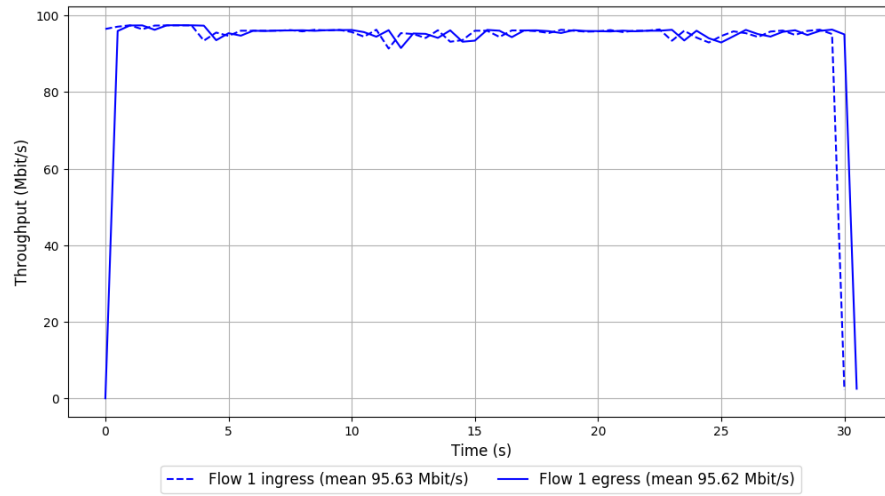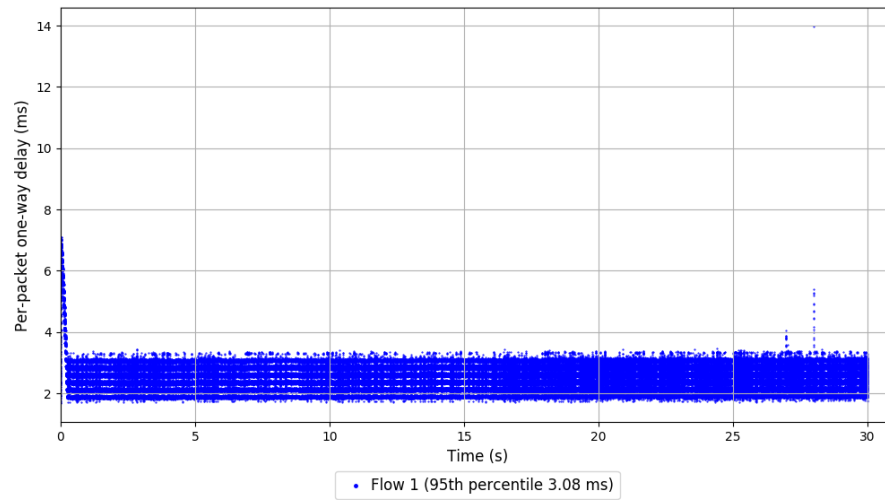
Flow 1 (95th percentile 4.06 ms)

249

```
Run 4: Statistics of TCP Vegas

Start at: 2018-06-05 05:24:04
End at: 2018-06-05 05:24:34
Local clock offset: -5.745 ms
Remote clock offset: -1.907 ms


# Below is generated by plot.py at 2018-06-05 07:40:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.62 Mbit/s
95th percentile per-packet one-way delay: 2.215 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.62 Mbit/s
95th percentile per-packet one-way delay: 2.215 ms
Loss rate: 0.00%
```

Run 4: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 95.63 Mbit/s)   Flow 1 egress (mean 95.62 Mbit/s)

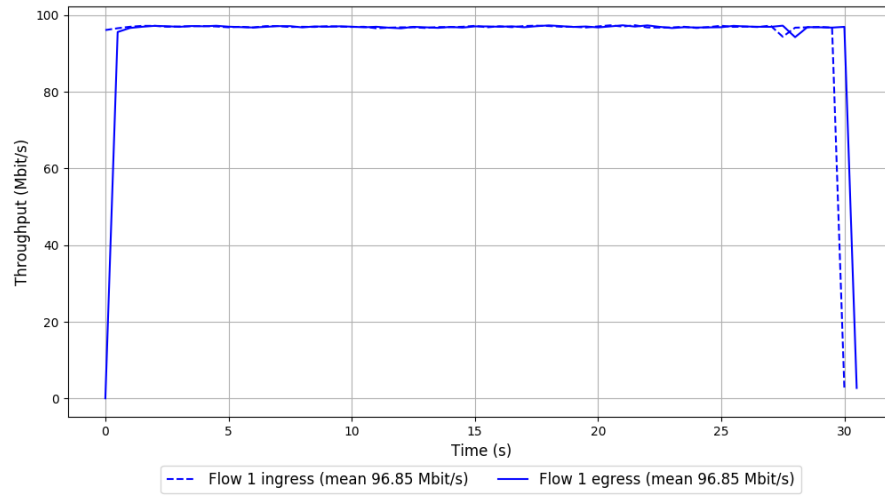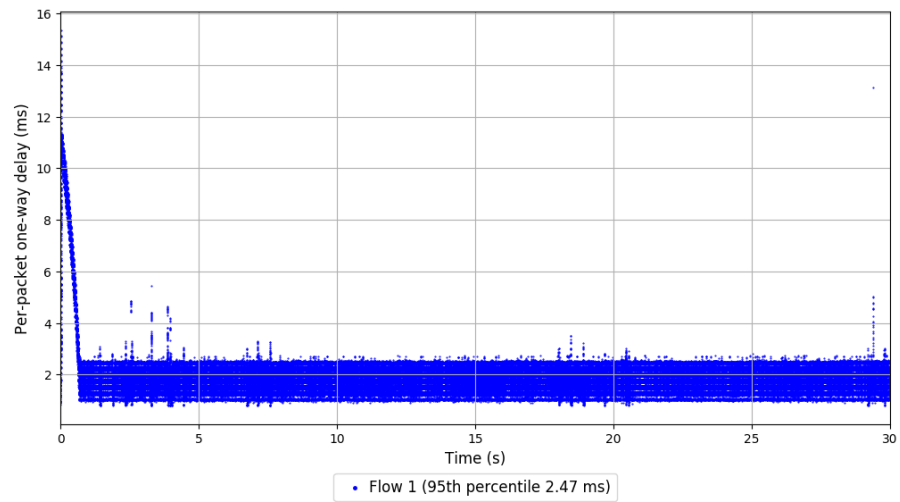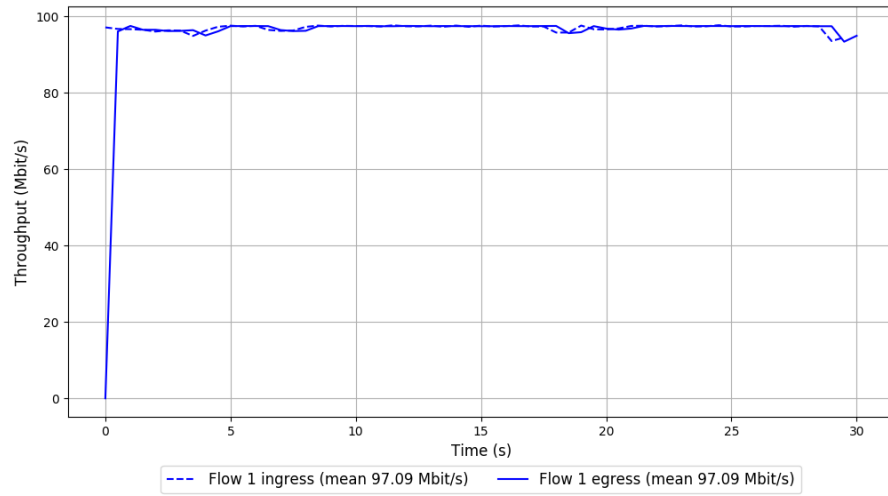Flow 1 (95th percentile 2.21 ms)

```
Run 5: Statistics of TCP Vegas

Start at: 2018-06-05 05:41:59
End at: 2018-06-05 05:42:29
Local clock offset: -6.642 ms
Remote clock offset: -2.121 ms


# Below is generated by plot.py at 2018-06-05 07:40:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 3.080 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 3.080 ms
Loss rate: 0.00%
```
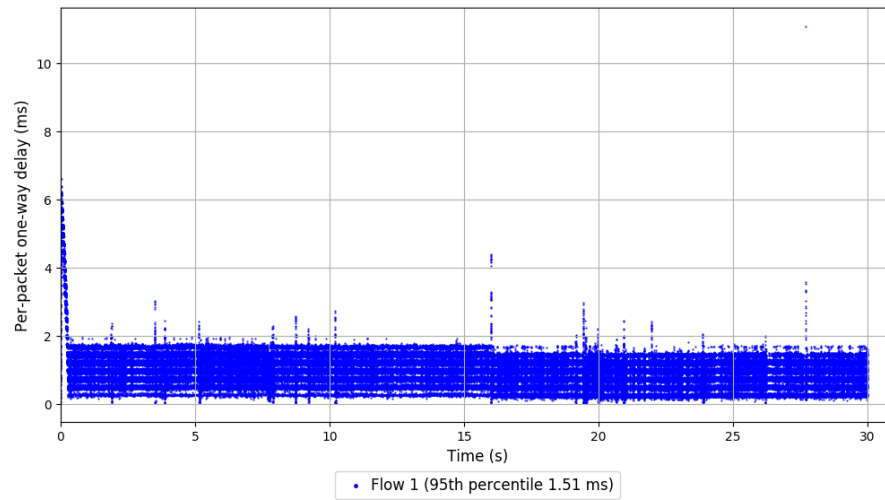
Run 5: Report of TCP Vegas — Data Link

```
Run 6: Statistics of TCP Vegas

Start at: 2018-06-05 05:59:54
End at: 2018-06-05 06:00:24
Local clock offset: -5.887 ms
Remote clock offset: -2.865 ms


# Below is generated by plot.py at 2018-06-05 07:40:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 2.470 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 2.470 ms
Loss rate: 0.00%
```

Run 6: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 97.09 Mbit/s) --- Flow 1 egress (mean 97.09 Mbit/s)

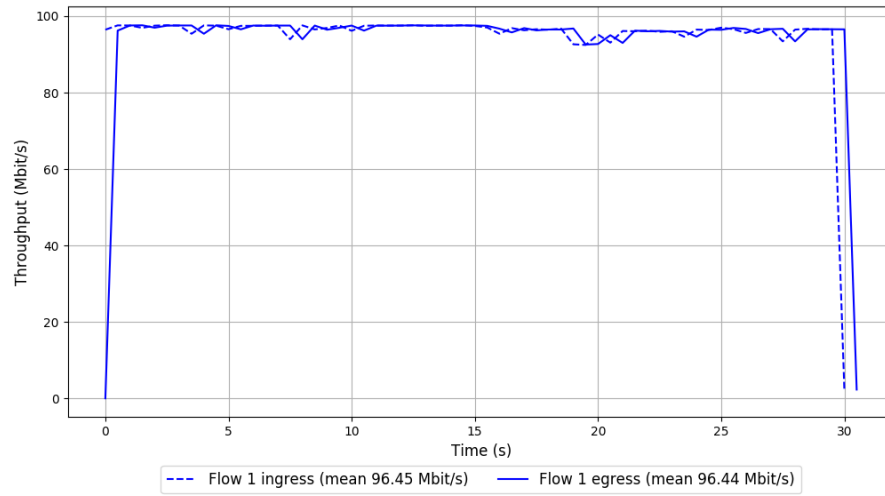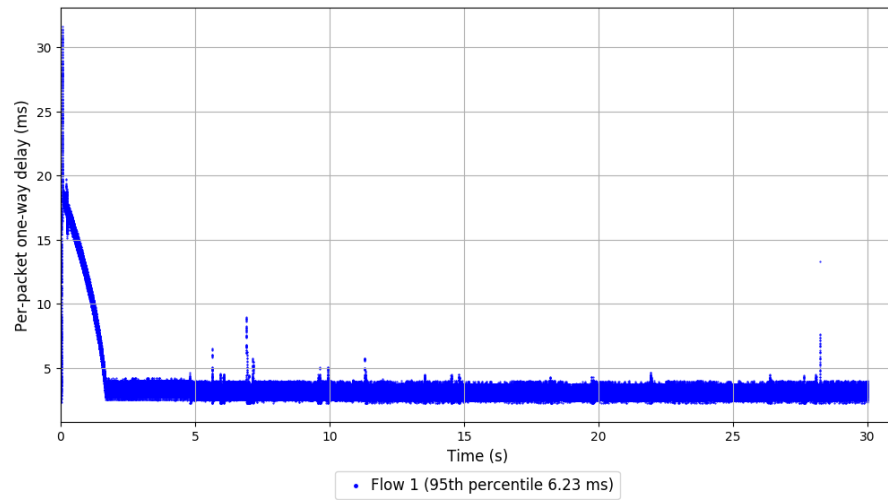
Flow 1 (95th percentile 2.47 ms)

```
Run 7: Statistics of TCP Vegas

Start at: 2018-06-05 06:17:47
End at: 2018-06-05 06:18:17
Local clock offset: -4.786 ms
Remote clock offset: -3.087 ms


# Below is generated by plot.py at 2018-06-05 07:40:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.44 Mbit/s
95th percentile per-packet one-way delay: 1.515 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.44 Mbit/s
95th percentile per-packet one-way delay: 1.515 ms
Loss rate: 0.00%
```

Run 7: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 96.45 Mbit/s) — — —   Flow 1 egress (mean 96.44 Mbit/s) ———
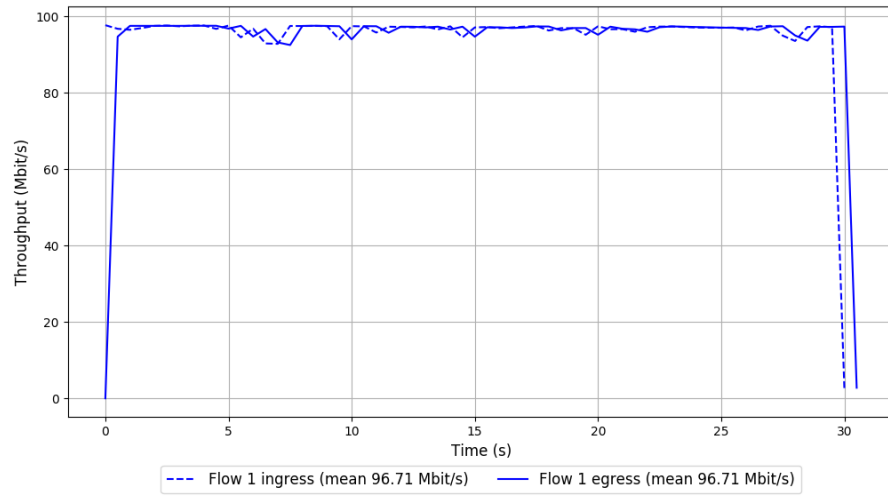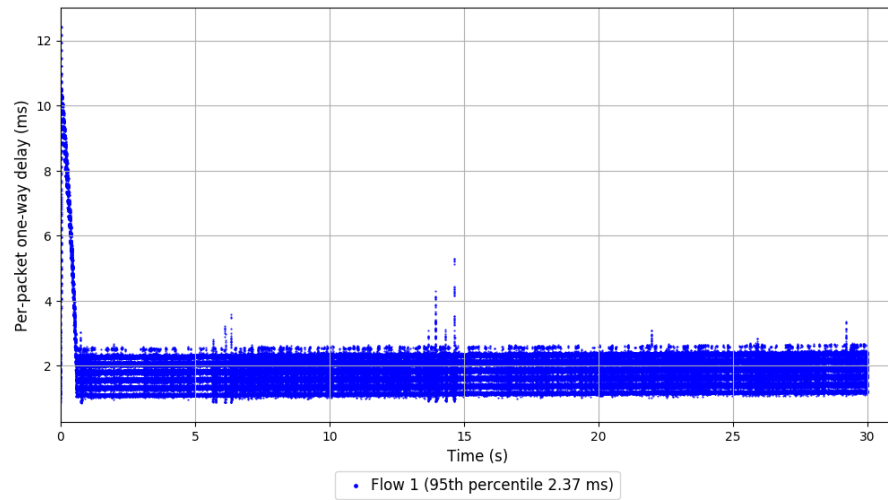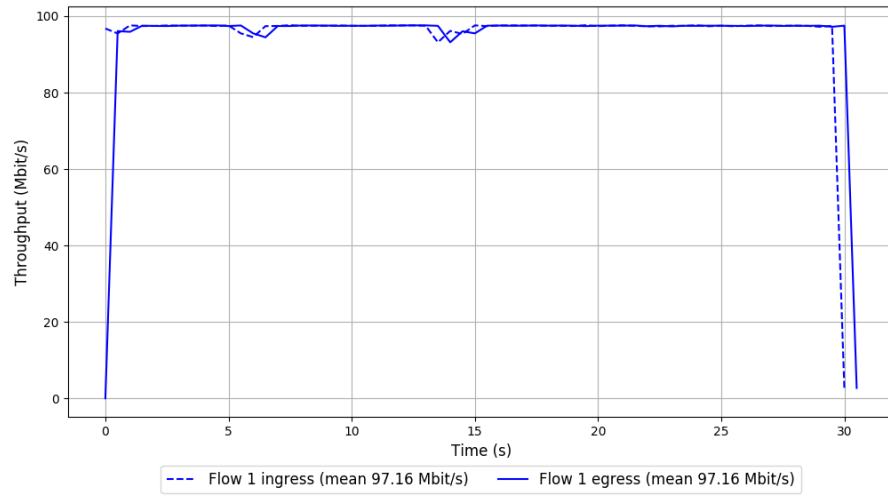

Flow 1 (95th percentile 1.51 ms)

```
Run 8: Statistics of TCP Vegas

Start at: 2018-06-05 06:35:42
End at: 2018-06-05 06:36:12
Local clock offset: -5.492 ms
Remote clock offset: -3.319 ms


# Below is generated by plot.py at 2018-06-05 07:40:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.71 Mbit/s
95th percentile per-packet one-way delay: 6.227 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.71 Mbit/s
95th percentile per-packet one-way delay: 6.227 ms
Loss rate: 0.00%
```

Run 8: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 96.71 Mbit/s)   Flow 1 egress (mean 96.71 Mbit/s)

Flow 1 (95th percentile 6.23 ms)

259

```
Run 9: Statistics of TCP Vegas

Start at: 2018-06-05 06:53:35
End at: 2018-06-05 06:54:05
Local clock offset: -5.398 ms
Remote clock offset: -5.341 ms


# Below is generated by plot.py at 2018-06-05 07:40:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.16 Mbit/s
95th percentile per-packet one-way delay: 2.374 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.16 Mbit/s
95th percentile per-packet one-way delay: 2.374 ms
Loss rate: 0.00%
```

Run 9: Report of TCP Vegas — Data Link

```
Run 10: Statistics of TCP Vegas

Start at: 2018-06-05 07:11:30
End at: 2018-06-05 07:12:00
Local clock offset: -6.361 ms
Remote clock offset: -7.861 ms


# Below is generated by plot.py at 2018-06-05 07:40:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.42 Mbit/s
95th percentile per-packet one-way delay: 7.076 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.42 Mbit/s
95th percentile per-packet one-way delay: 7.076 ms
Loss rate: 0.01%
```
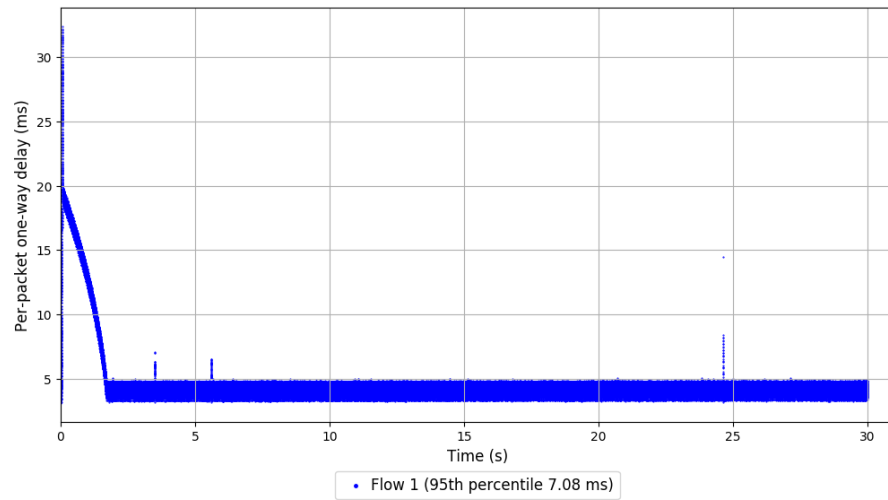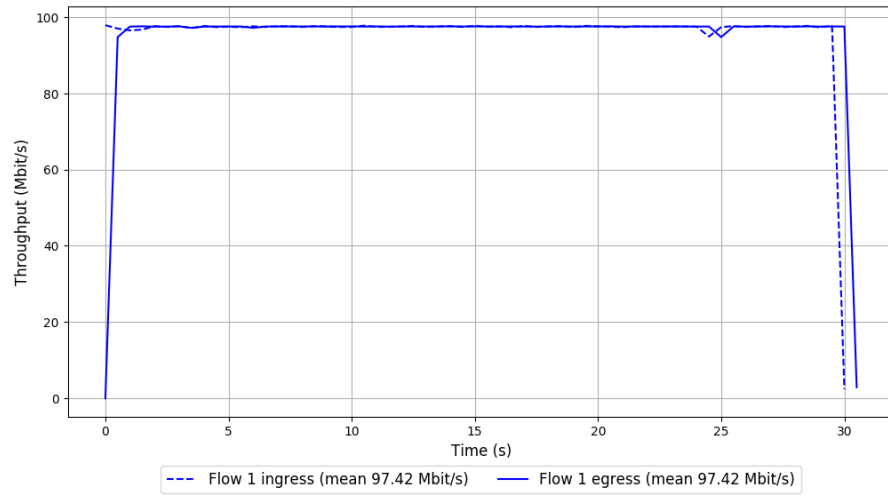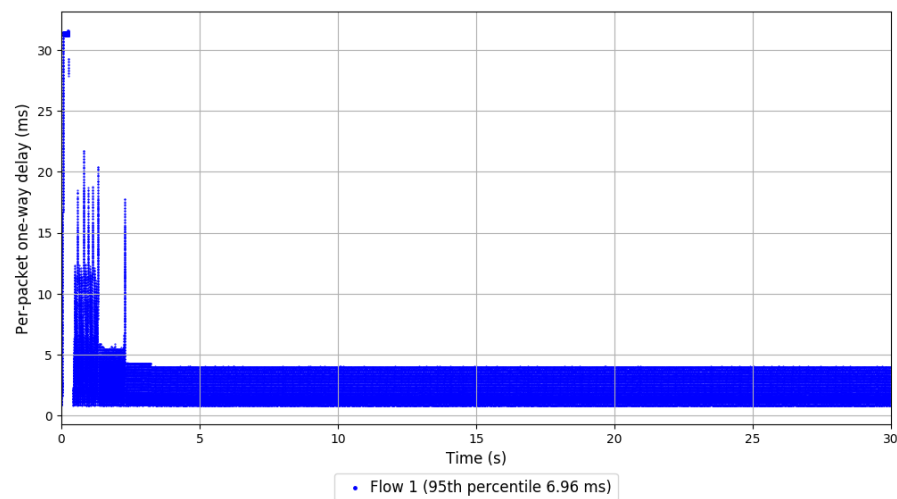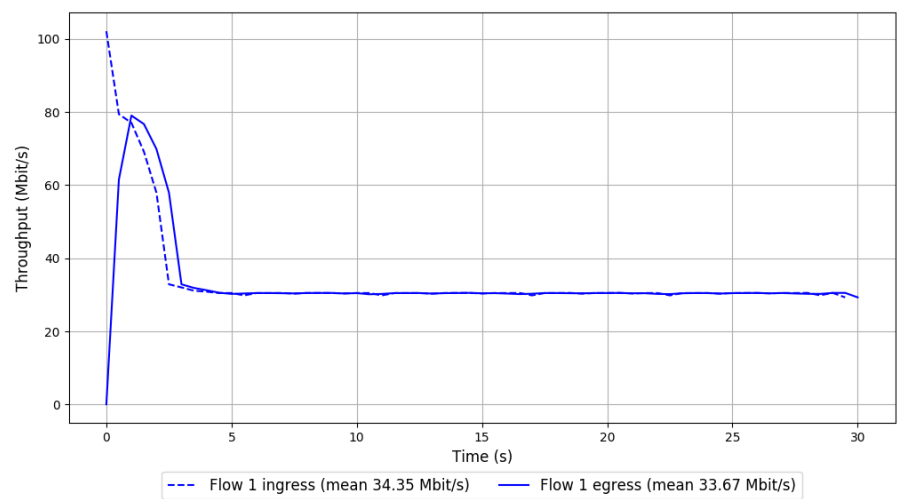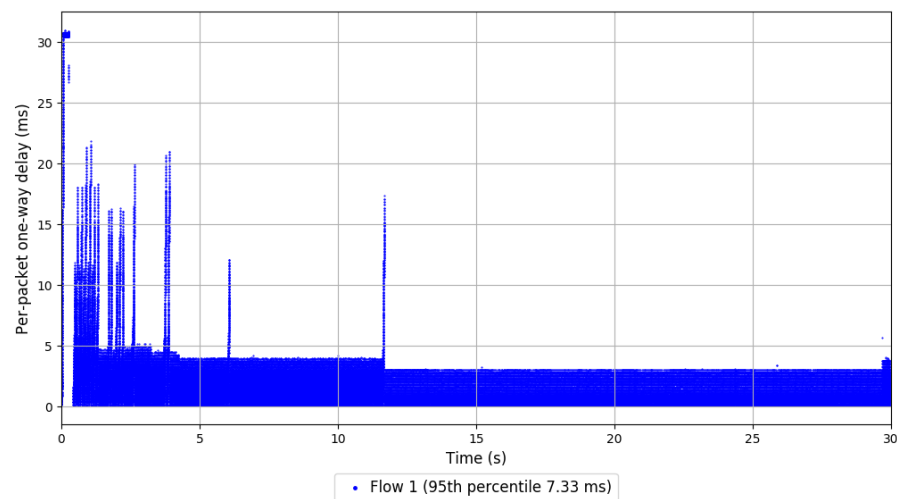
Run 10: Report of TCP Vegas — Data Link

```
Run 1: Statistics of Verus

Start at: 2018-06-05 04:19:14
End at: 2018-06-05 04:19:44
Local clock offset: -5.877 ms
Remote clock offset: -1.619 ms


# Below is generated by plot.py at 2018-06-05 07:40:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.67 Mbit/s
95th percentile per-packet one-way delay: 6.956 ms
Loss rate: 1.97%
-- Flow 1:
Average throughput: 33.67 Mbit/s
95th percentile per-packet one-way delay: 6.956 ms
Loss rate: 1.97%
```

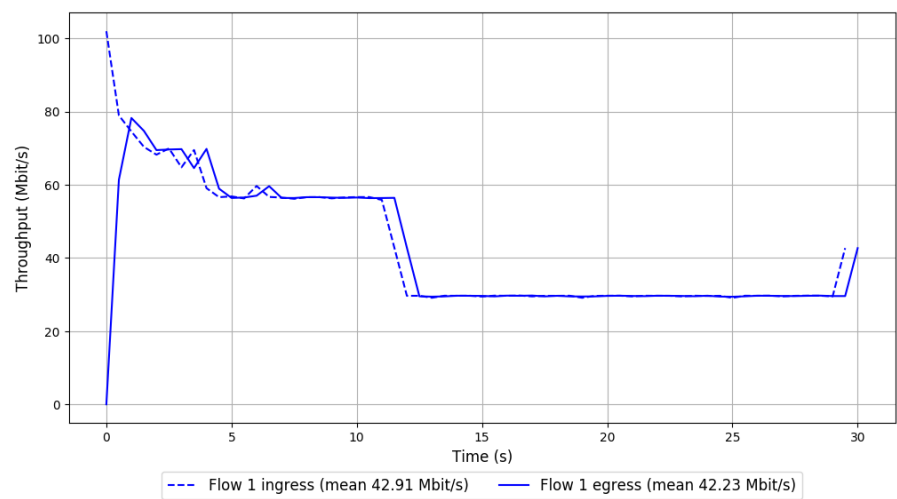Run 1: Report of Verus — Data Link

```
Run 2: Statistics of Verus

Start at: 2018-06-05 04:37:07
End at: 2018-06-05 04:37:37
Local clock offset: -5.151 ms
Remote clock offset: -1.842 ms


# Below is generated by plot.py at 2018-06-05 07:40:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.23 Mbit/s
95th percentile per-packet one-way delay: 7.335 ms
Loss rate: 1.58%
-- Flow 1:
Average throughput: 42.23 Mbit/s
95th percentile per-packet one-way delay: 7.335 ms
Loss rate: 1.58%
```

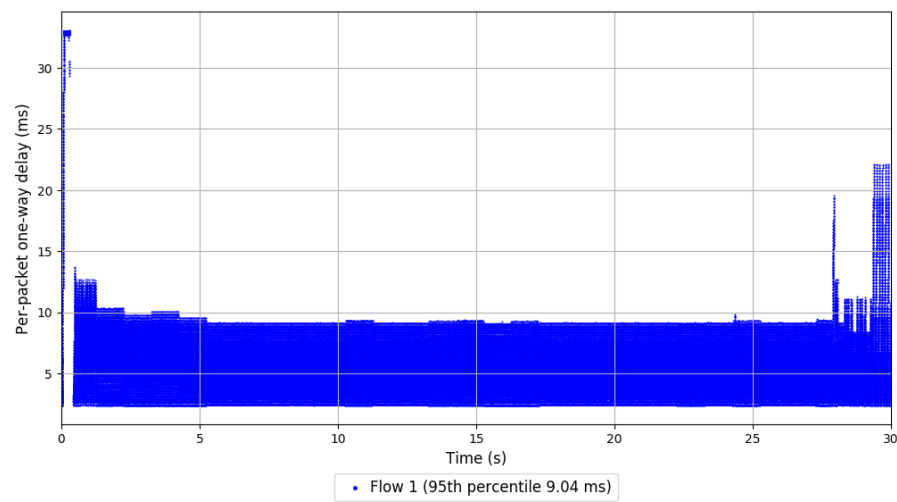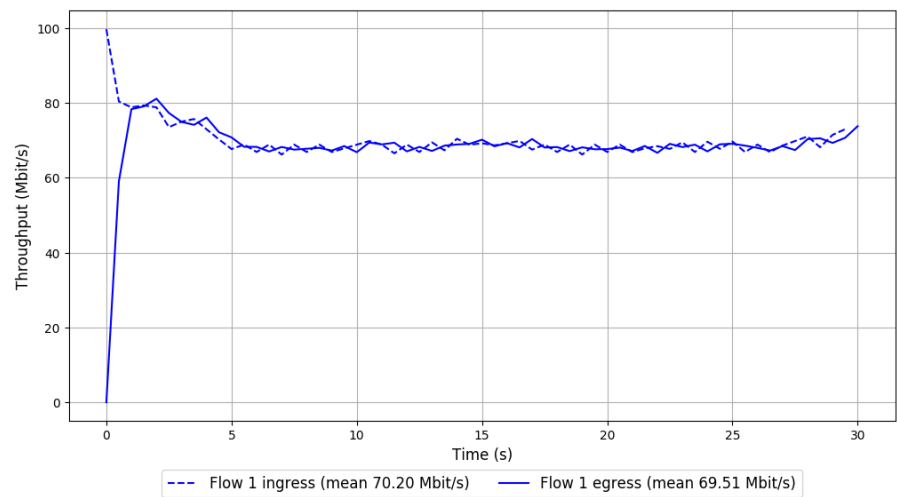## Run 2: Report of Verus — Data Link

```
Run 3: Statistics of Verus

Start at: 2018-06-05 04:55:01
End at: 2018-06-05 04:55:31
Local clock offset: -5.772 ms
Remote clock offset: -2.034 ms


# Below is generated by plot.py at 2018-06-05 07:40:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.51 Mbit/s
95th percentile per-packet one-way delay: 9.041 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 69.51 Mbit/s
95th percentile per-packet one-way delay: 9.041 ms
Loss rate: 0.97%
```

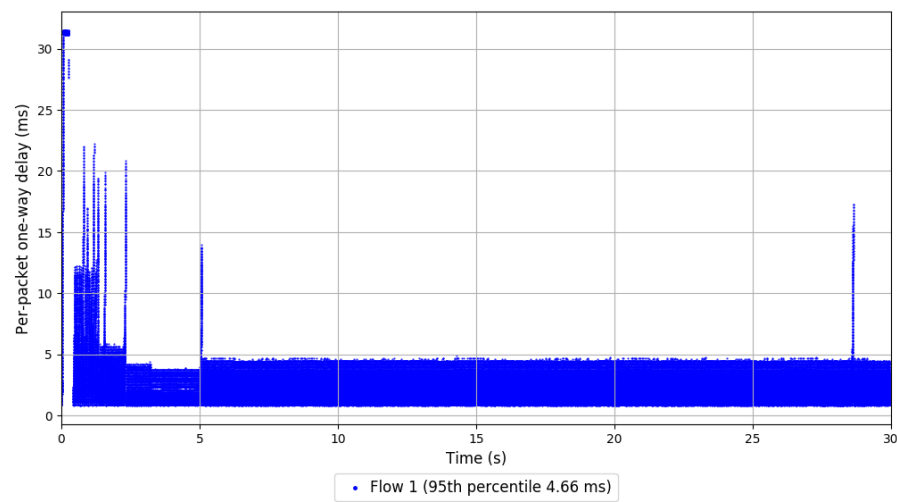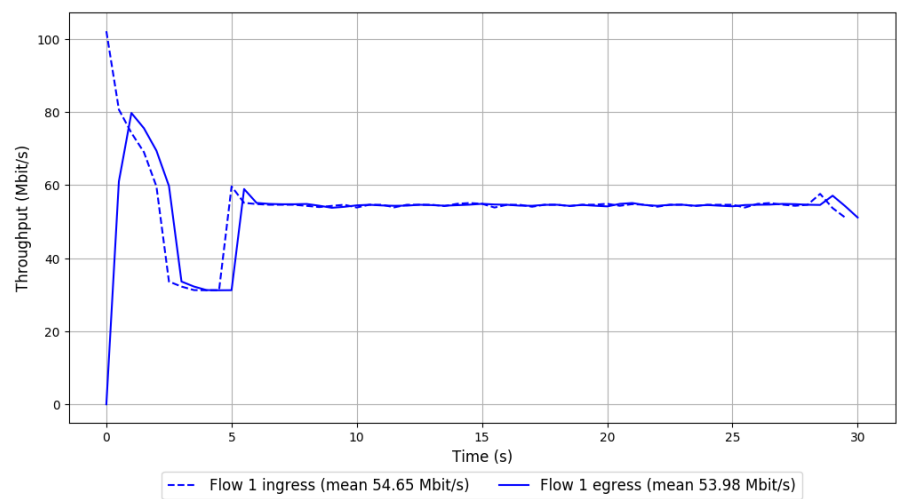## Run 3: Report of Verus — Data Link

```
Run 4: Statistics of Verus

Start at: 2018-06-05 05:12:56
End at: 2018-06-05 05:13:26
Local clock offset: -5.741 ms
Remote clock offset: -1.976 ms


# Below is generated by plot.py at 2018-06-05 07:40:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.98 Mbit/s
95th percentile per-packet one-way delay: 4.657 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 53.98 Mbit/s
95th percentile per-packet one-way delay: 4.657 ms
Loss rate: 1.23%
```

Run 4: Report of Verus — Data Link

Flow 1 ingress (mean 54.65 Mbit/s) ----- Flow 1 egress (mean 53.98 Mbit/s)

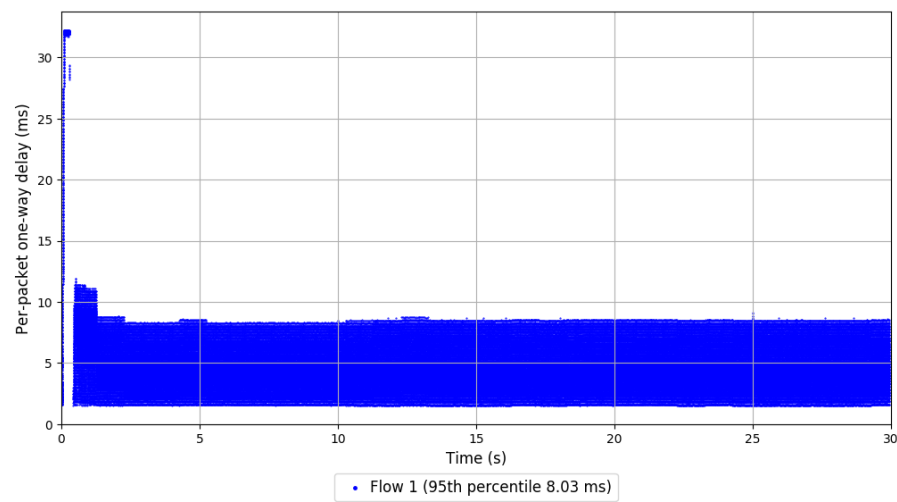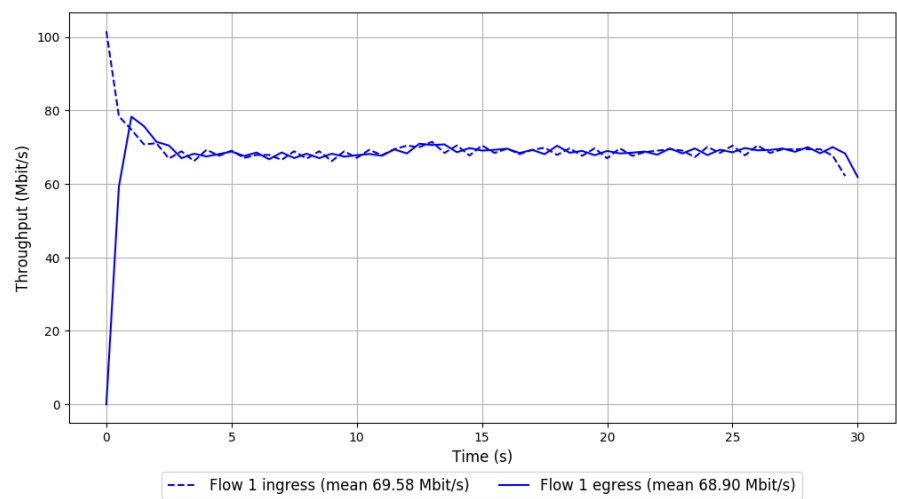• Flow 1 (95th percentile 4.66 ms)

```
Run 5: Statistics of Verus

Start at: 2018-06-05 05:30:50
End at: 2018-06-05 05:31:20
Local clock offset: -4.972 ms
Remote clock offset: -1.853 ms


# Below is generated by plot.py at 2018-06-05 07:40:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.90 Mbit/s
95th percentile per-packet one-way delay: 8.033 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 68.90 Mbit/s
95th percentile per-packet one-way delay: 8.033 ms
Loss rate: 0.99%
```

Run 5: Report of Verus — Data Link

```
Run 6: Statistics of Verus

Start at: 2018-06-05 05:48:44
End at: 2018-06-05 05:49:14
Local clock offset: -5.86 ms
Remote clock offset: -2.52 ms


# Below is generated by plot.py at 2018-06-05 07:41:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.80 Mbit/s
95th percentile per-packet one-way delay: 9.457 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 77.80 Mbit/s
95th percentile per-packet one-way delay: 9.457 ms
Loss rate: 0.86%
```
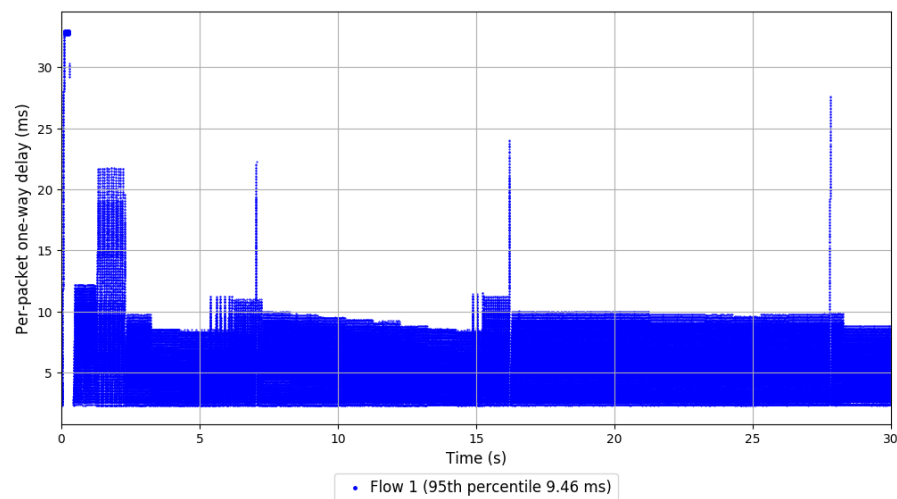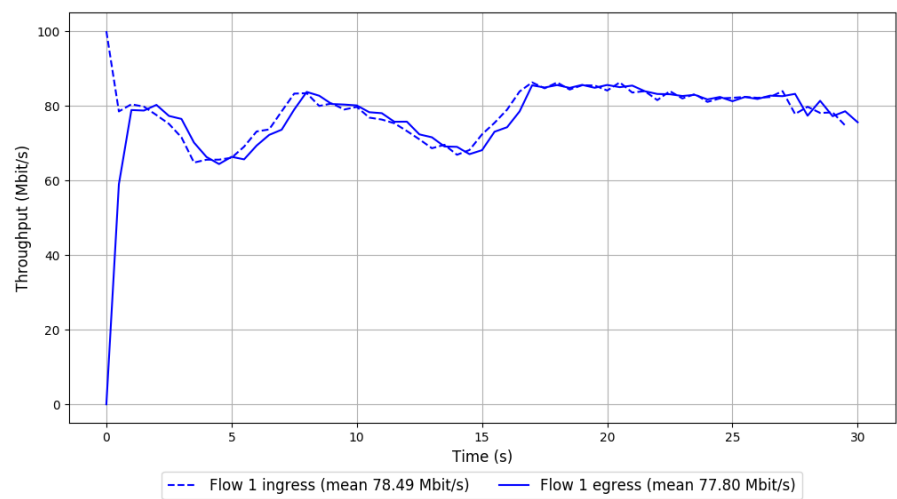
Run 6: Report of Verus — Data Link

Flow 1 ingress (mean 78.49 Mbit/s)   Flow 1 egress (mean 77.80 Mbit/s)

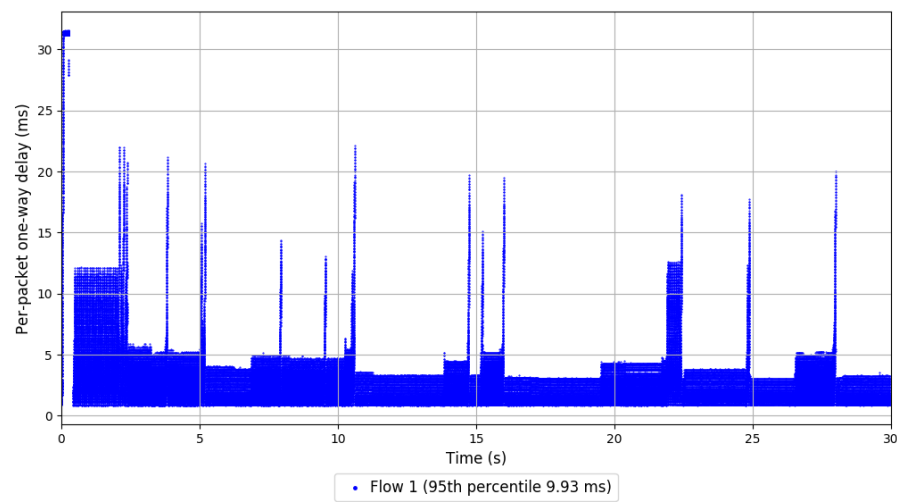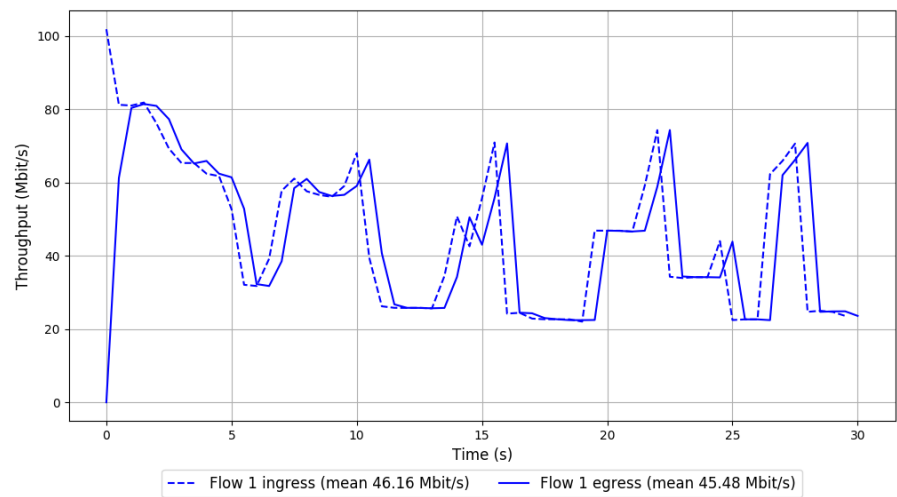Flow 1 (95th percentile 9.46 ms)

```
Run 7: Statistics of Verus

Start at: 2018-06-05 06:06:39
End at: 2018-06-05 06:07:09
Local clock offset: -5.804 ms
Remote clock offset: -2.977 ms


# Below is generated by plot.py at 2018-06-05 07:41:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.48 Mbit/s
95th percentile per-packet one-way delay: 9.925 ms
Loss rate: 1.47%
-- Flow 1:
Average throughput: 45.48 Mbit/s
95th percentile per-packet one-way delay: 9.925 ms
Loss rate: 1.47%
```

Run 7: Report of Verus — Data Link

Flow 1 ingress (mean 46.16 Mbit/s) — — — Flow 1 egress (mean 45.48 Mbit/s)

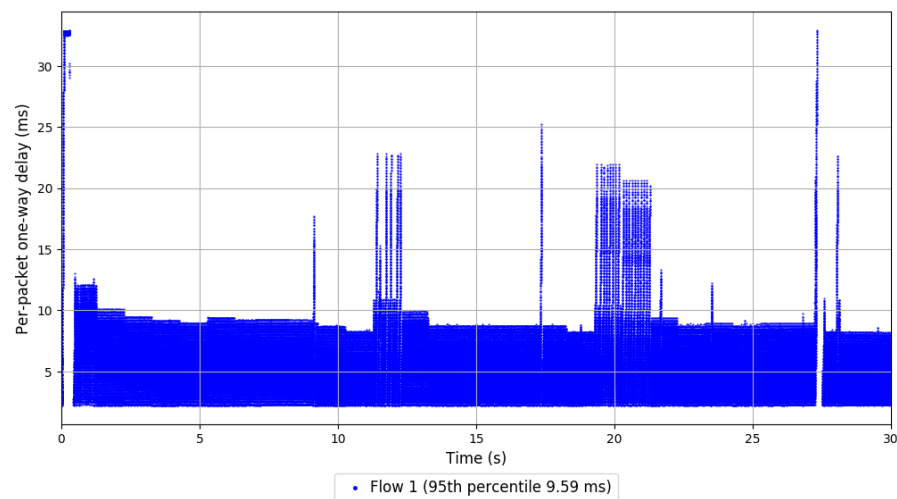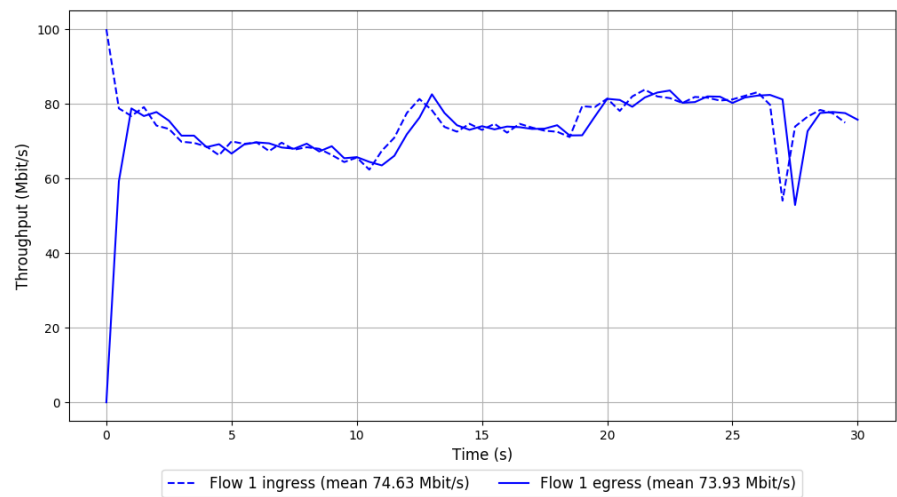• Flow 1 (95th percentile 9.93 ms)

```
Run 8: Statistics of Verus

Start at: 2018-06-05 06:24:32
End at: 2018-06-05 06:25:02
Local clock offset: -5.475 ms
Remote clock offset: -3.217 ms


# Below is generated by plot.py at 2018-06-05 07:41:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.93 Mbit/s
95th percentile per-packet one-way delay: 9.592 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 73.93 Mbit/s
95th percentile per-packet one-way delay: 9.592 ms
Loss rate: 0.94%
```

Run 8: Report of Verus — Data Link

Flow 1 ingress (mean 74.63 Mbit/s)   Flow 1 egress (mean 73.93 Mbit/s)

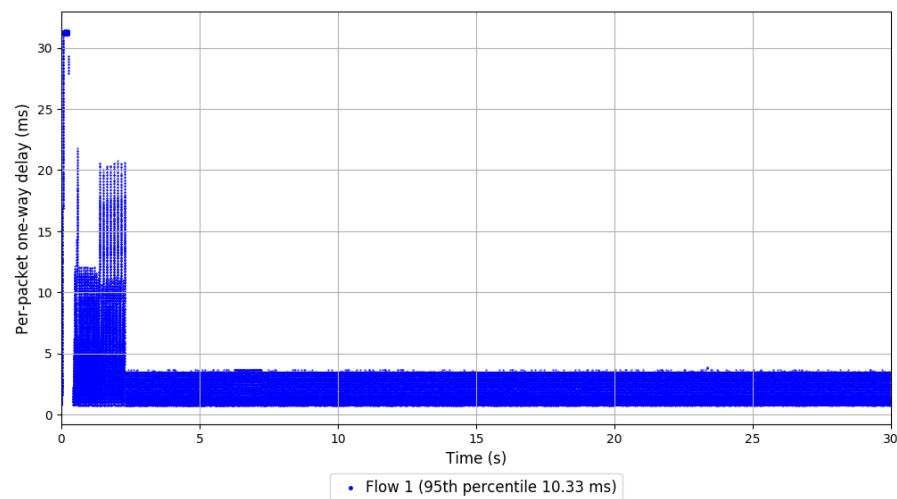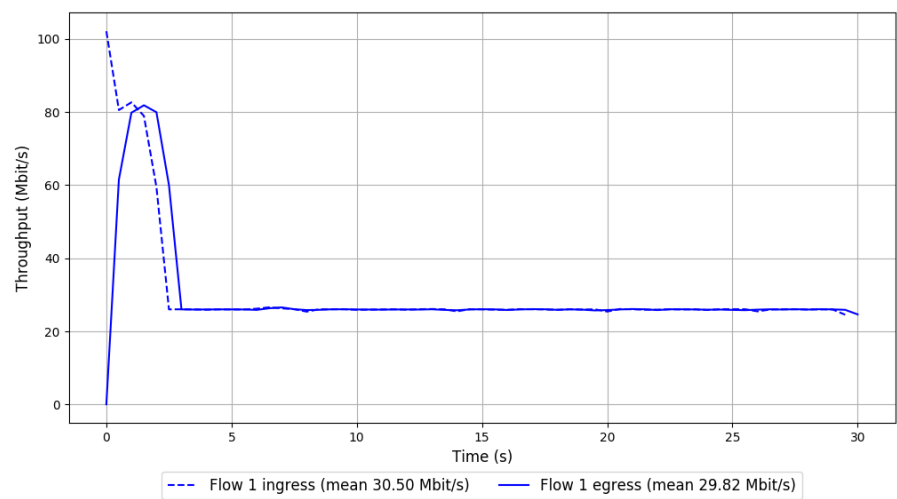Flow 1 (95th percentile 9.59 ms)

```
Run 9: Statistics of Verus

Start at: 2018-06-05 06:42:27
End at: 2018-06-05 06:42:57
Local clock offset: -5.42 ms
Remote clock offset: -3.375 ms


# Below is generated by plot.py at 2018-06-05 07:41:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.82 Mbit/s
95th percentile per-packet one-way delay: 10.333 ms
Loss rate: 2.22%
-- Flow 1:
Average throughput: 29.82 Mbit/s
95th percentile per-packet one-way delay: 10.333 ms
Loss rate: 2.22%
```

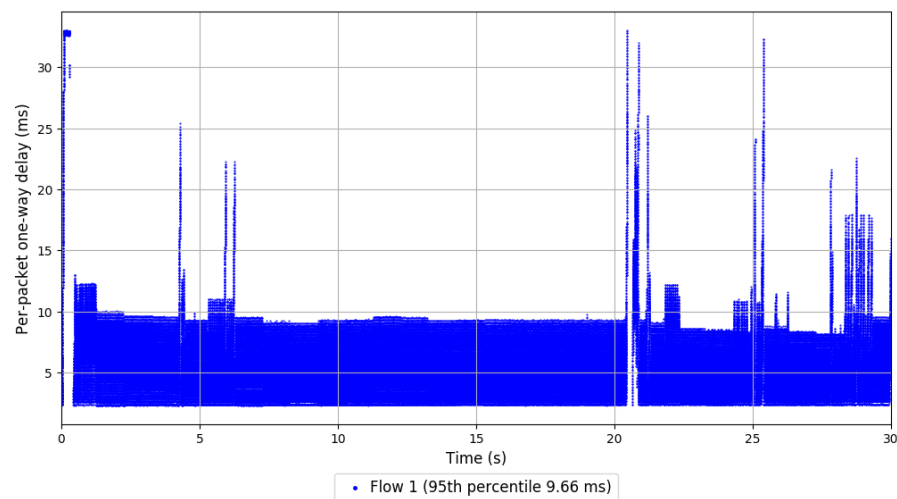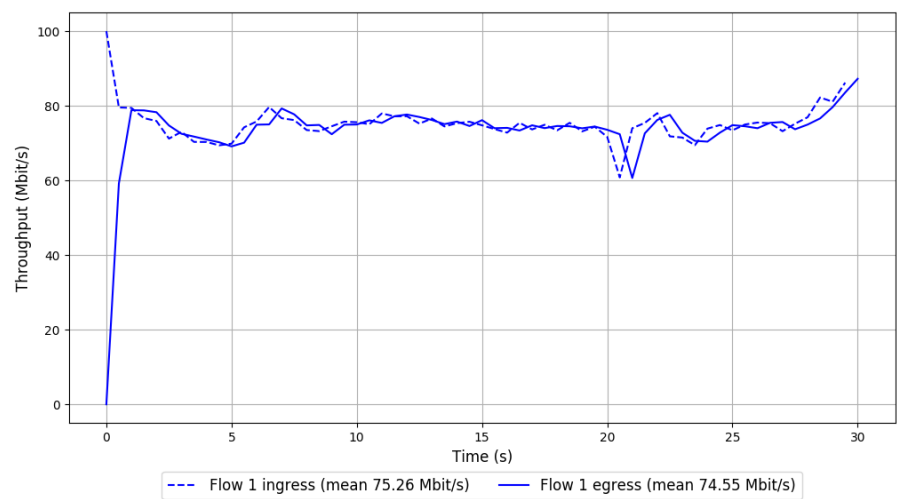## Run 9: Report of Verus — Data Link

```
Run 10: Statistics of Verus

Start at: 2018-06-05 07:00:20
End at: 2018-06-05 07:00:50
Local clock offset: -5.379 ms
Remote clock offset: -6.601 ms


# Below is generated by plot.py at 2018-06-05 07:41:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.55 Mbit/s
95th percentile per-packet one-way delay: 9.656 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 74.55 Mbit/s
95th percentile per-packet one-way delay: 9.656 ms
Loss rate: 0.90%
```

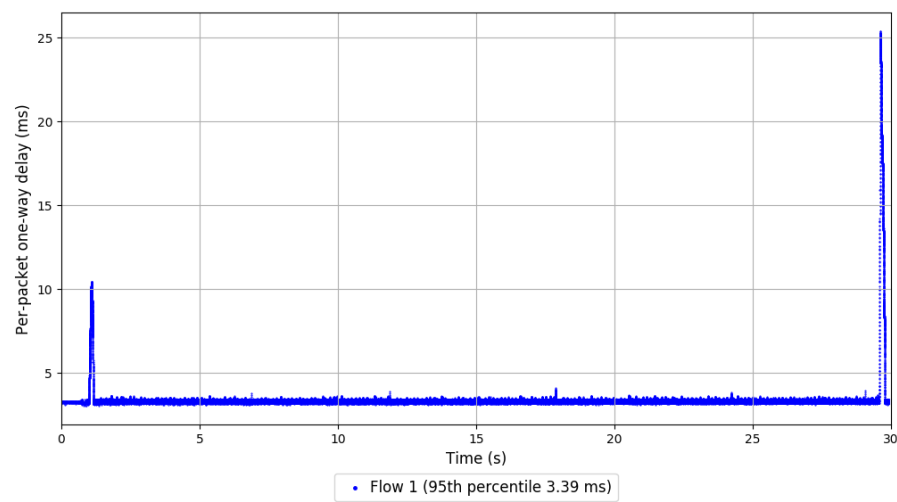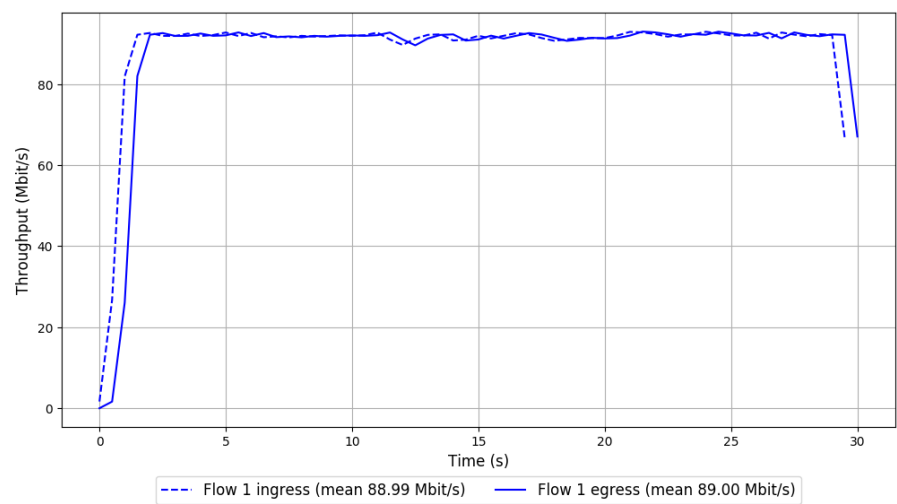## Run 10: Report of Verus — Data Link

```
Run 1: Statistics of PCC-Vivace

Start at: 2018-06-05 04:32:35
End at: 2018-06-05 04:33:05
Local clock offset: -6.764 ms
Remote clock offset: -1.652 ms


# Below is generated by plot.py at 2018-06-05 07:41:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.00 Mbit/s
95th percentile per-packet one-way delay: 3.394 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.00 Mbit/s
95th percentile per-packet one-way delay: 3.394 ms
Loss rate: 0.00%
```

Run 1: Report of PCC-Vivace — Data Link

Flow 1 ingress (mean 88.99 Mbit/s) ----   Flow 1 egress (mean 89.00 Mbit/s) ——
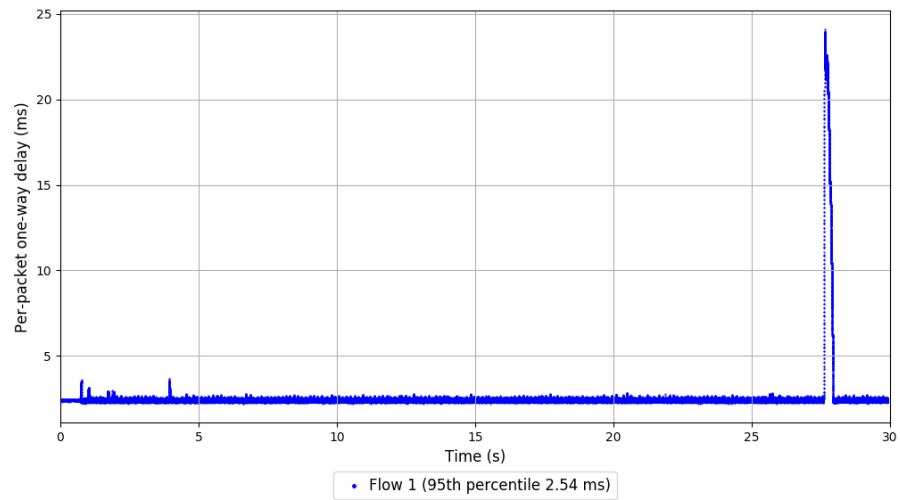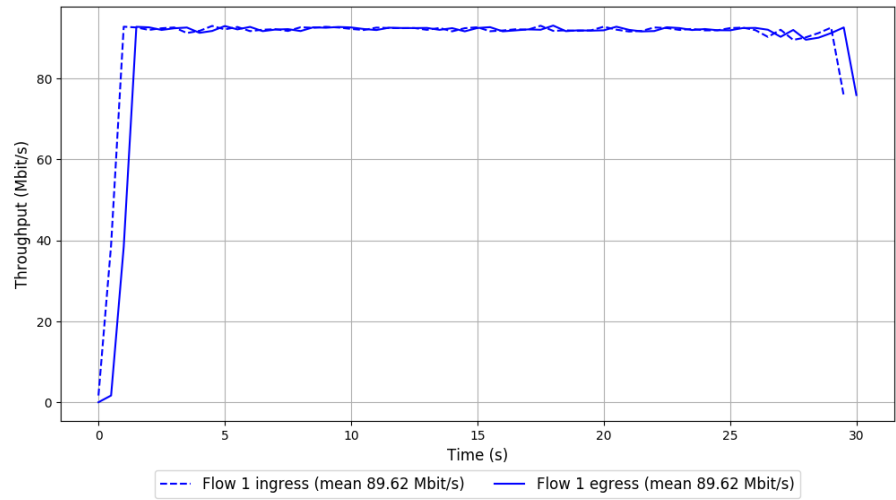

Flow 1 (95th percentile 3.39 ms)

```
Run 2: Statistics of PCC-Vivace

Start at: 2018-06-05 04:50:29
End at: 2018-06-05 04:50:59
Local clock offset: -5.721 ms
Remote clock offset: -2.025 ms


# Below is generated by plot.py at 2018-06-05 07:41:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.62 Mbit/s
95th percentile per-packet one-way delay: 2.539 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 89.62 Mbit/s
95th percentile per-packet one-way delay: 2.539 ms
Loss rate: 0.01%
```

Run 2: Report of PCC-Vivace — Data Link

Flow 1 ingress (mean 89.62 Mbit/s)   Flow 1 egress (mean 89.62 Mbit/s)

Flow 1 (95th percentile 2.54 ms)

```
Run 3: Statistics of PCC-Vivace

Start at: 2018-06-05 05:08:24
End at: 2018-06-05 05:08:54
Local clock offset: -4.935 ms
Remote clock offset: -1.992 ms


# Below is generated by plot.py at 2018-06-05 07:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.38 Mbit/s
95th percentile per-packet one-way delay: 1.762 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.38 Mbit/s
95th percentile per-packet one-way delay: 1.762 ms
Loss rate: 0.00%
```
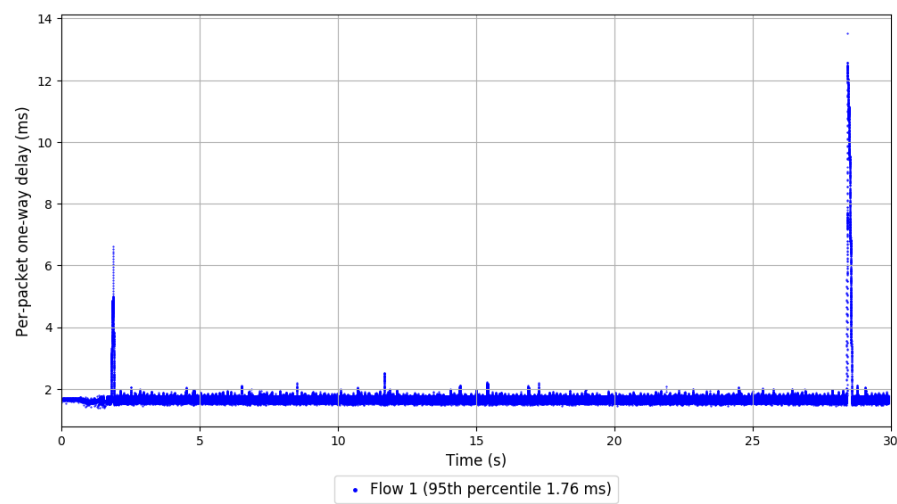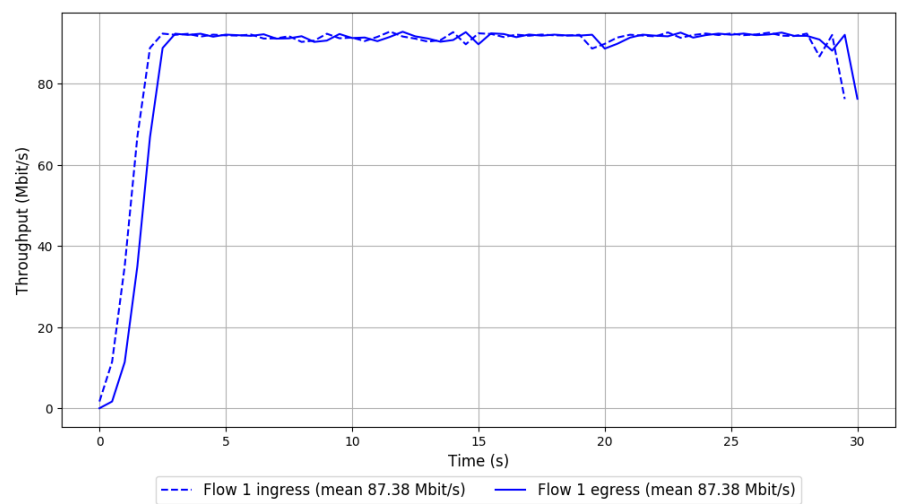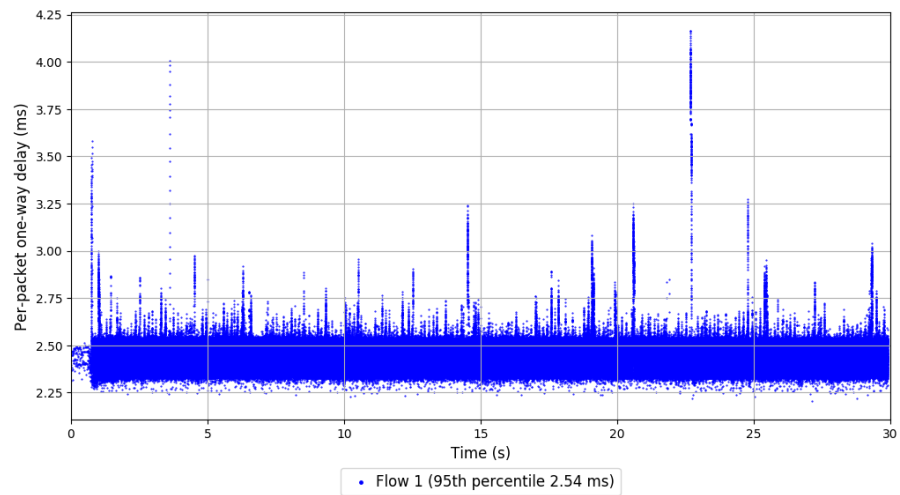
Run 3: Report of PCC-Vivace — Data Link

Flow 1 ingress (mean 87.38 Mbit/s)   Flow 1 egress (mean 87.38 Mbit/s)

• Flow 1 (95th percentile 1.76 ms)

```
Run 4: Statistics of PCC-Vivace

Start at: 2018-06-05 05:26:18
End at: 2018-06-05 05:26:48
Local clock offset: -5.747 ms
Remote clock offset: -1.876 ms


# Below is generated by plot.py at 2018-06-05 07:42:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.41 Mbit/s
95th percentile per-packet one-way delay: 2.541 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.41 Mbit/s
95th percentile per-packet one-way delay: 2.541 ms
Loss rate: 0.00%
```
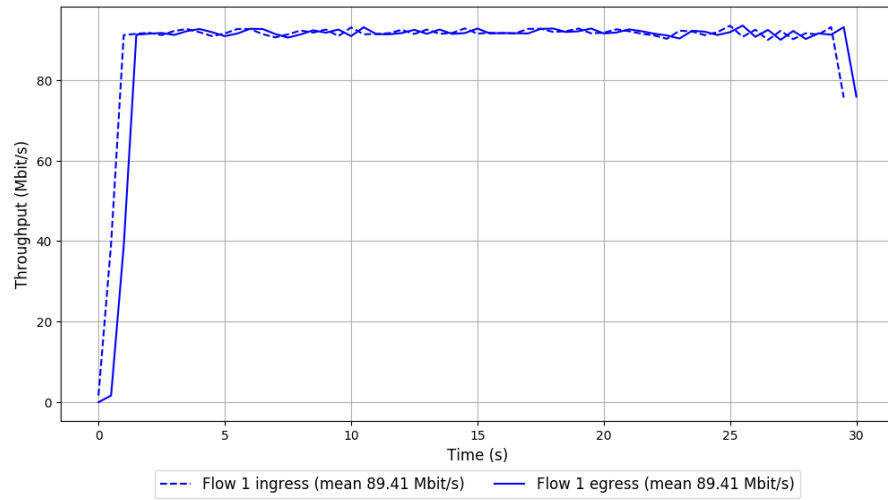
Run 4: Report of PCC-Vivace — Data Link

```
Run 5: Statistics of PCC-Vivace

Start at: 2018-06-05 05:44:13
End at: 2018-06-05 05:44:43
Local clock offset: -5.9 ms
Remote clock offset: -2.301 ms

# Below is generated by plot.py at 2018-06-05 07:42:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.33 Mbit/s
95th percentile per-packet one-way delay: 2.613 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.33 Mbit/s
95th percentile per-packet one-way delay: 2.613 ms
Loss rate: 0.00%
```
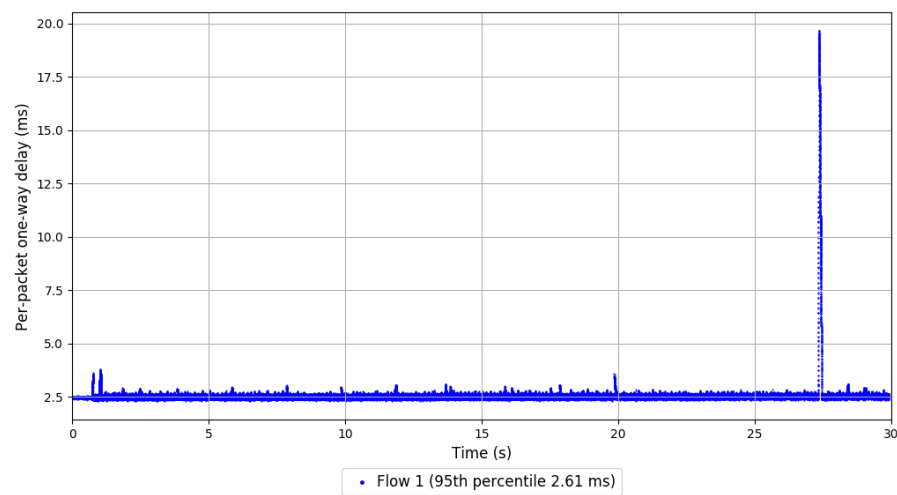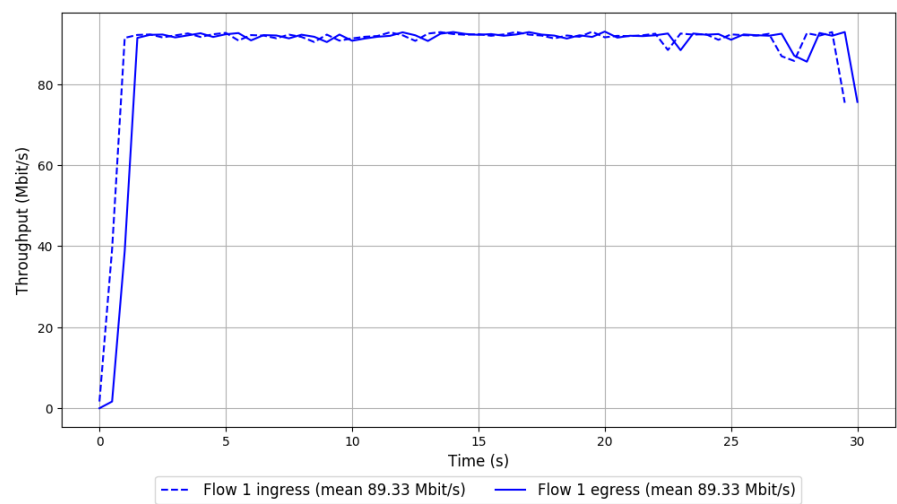
Run 5: Report of PCC-Vivace — Data Link

Flow 1 ingress (mean 89.33 Mbit/s)   Flow 1 egress (mean 89.33 Mbit/s)

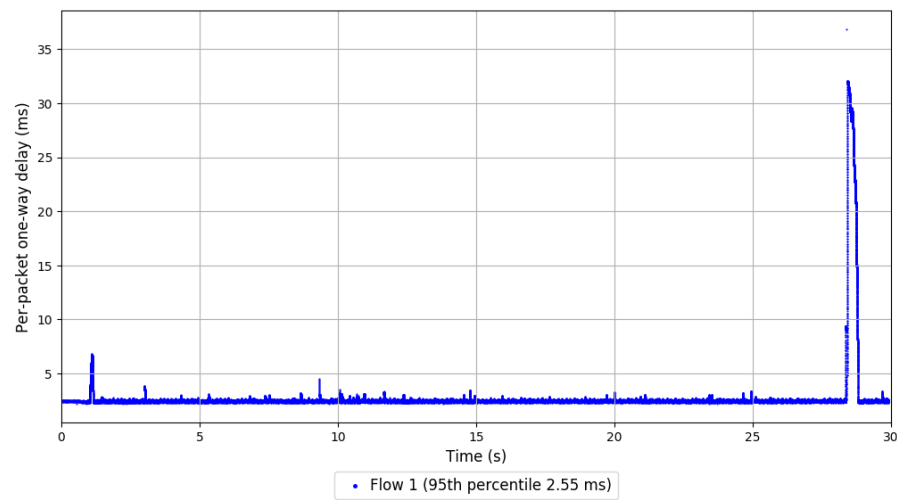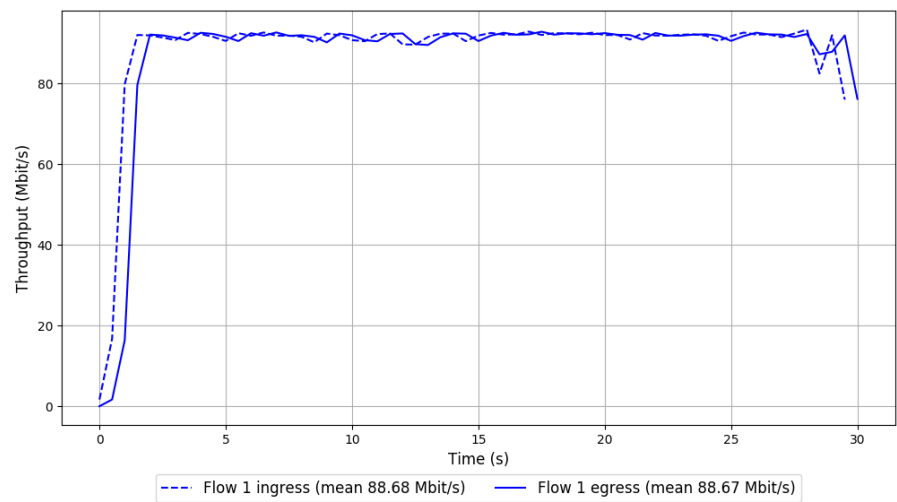Flow 1 (95th percentile 2.61 ms)

```
Run 6: Statistics of PCC-Vivace

Start at: 2018-06-05 06:02:08
End at: 2018-06-05 06:02:38
Local clock offset: -5.893 ms
Remote clock offset: -2.914 ms


# Below is generated by plot.py at 2018-06-05 07:42:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.67 Mbit/s
95th percentile per-packet one-way delay: 2.546 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 88.67 Mbit/s
95th percentile per-packet one-way delay: 2.546 ms
Loss rate: 0.02%
```

Run 6: Report of PCC-Vivace — Data Link

Flow 1 ingress (mean 88.68 Mbit/s)   Flow 1 egress (mean 88.67 Mbit/s)
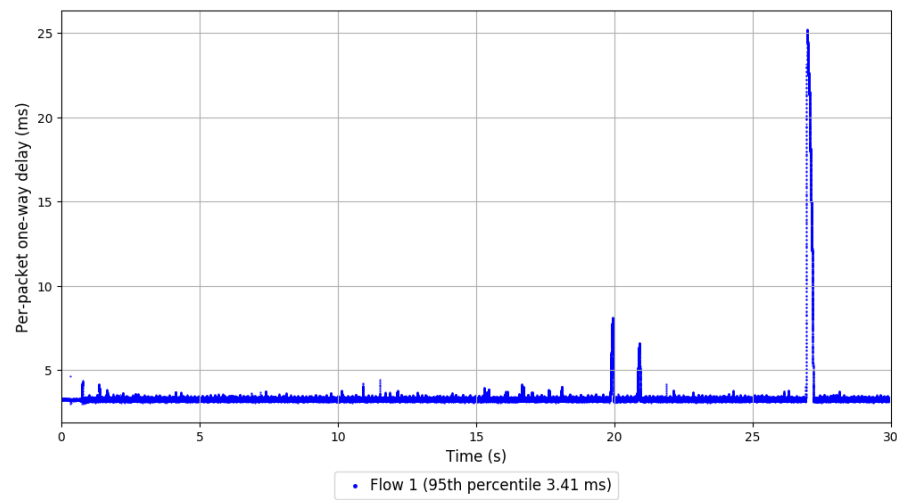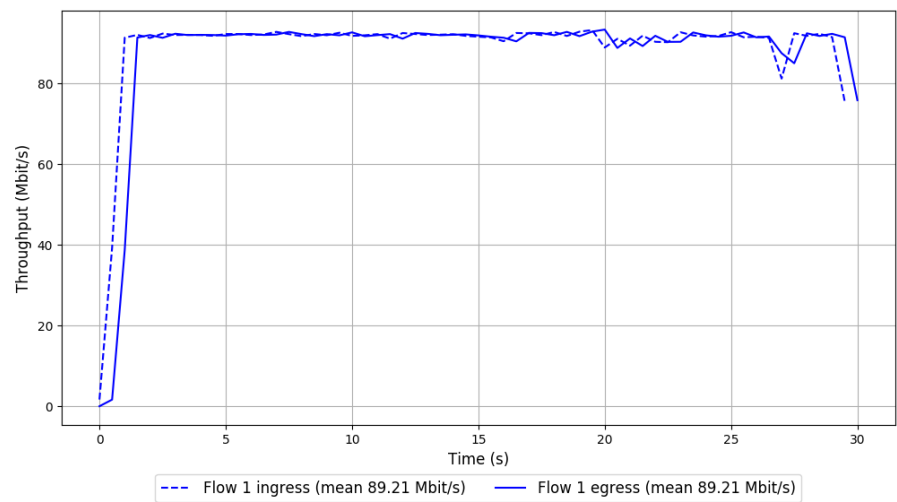

Flow 1 (95th percentile 2.55 ms)

```
Run 7: Statistics of PCC-Vivace

Start at: 2018-06-05 06:20:01
End at: 2018-06-05 06:20:31
Local clock offset: -6.371 ms
Remote clock offset: -3.099 ms


# Below is generated by plot.py at 2018-06-05 07:42:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.21 Mbit/s
95th percentile per-packet one-way delay: 3.410 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 89.21 Mbit/s
95th percentile per-packet one-way delay: 3.410 ms
Loss rate: 0.01%
```

Run 7: Report of PCC-Vivace — Data Link

```
Run 8: Statistics of PCC-Vivace

Start at: 2018-06-05 06:37:56
End at: 2018-06-05 06:38:26
Local clock offset: -5.493 ms
Remote clock offset: -3.291 ms


# Below is generated by plot.py at 2018-06-05 07:42:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.08 Mbit/s
95th percentile per-packet one-way delay: 2.616 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.08 Mbit/s
95th percentile per-packet one-way delay: 2.616 ms
Loss rate: 0.00%
```
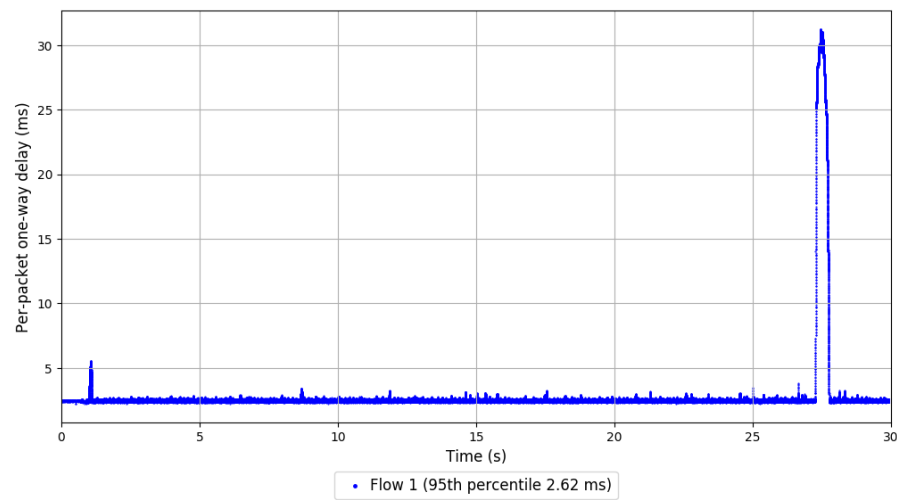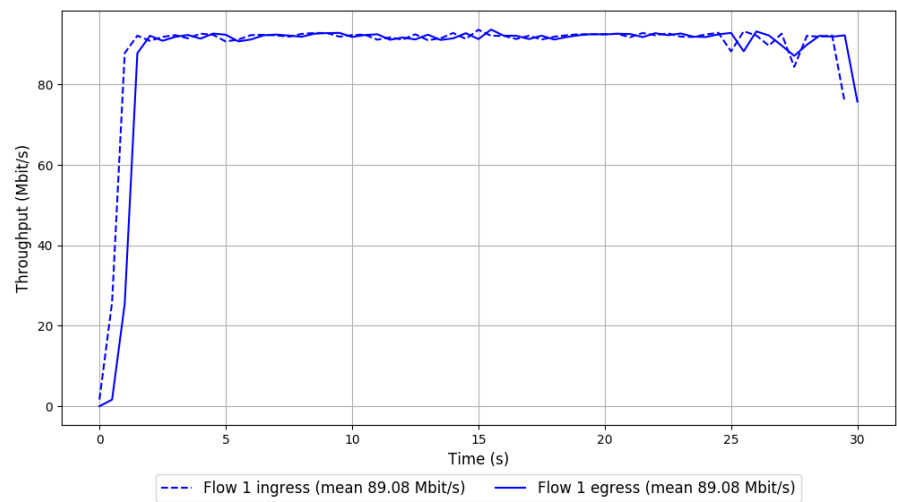
Run 8: Report of PCC-Vivace — Data Link

Flow 1 ingress (mean 89.08 Mbit/s) --- Flow 1 egress (mean 89.08 Mbit/s)

• Flow 1 (95th percentile 2.62 ms)

```
Run 9: Statistics of PCC-Vivace

Start at: 2018-06-05 06:55:49
End at: 2018-06-05 06:56:19
Local clock offset: -5.4 ms
Remote clock offset: -5.888 ms


# Below is generated by plot.py at 2018-06-05 07:42:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.38 Mbit/s
95th percentile per-packet one-way delay: 2.581 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.38 Mbit/s
95th percentile per-packet one-way delay: 2.581 ms
Loss rate: 0.00%
```
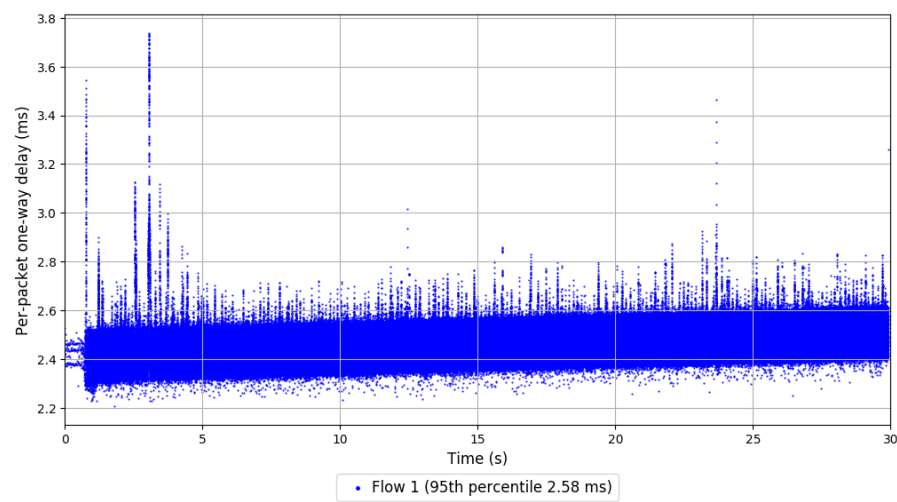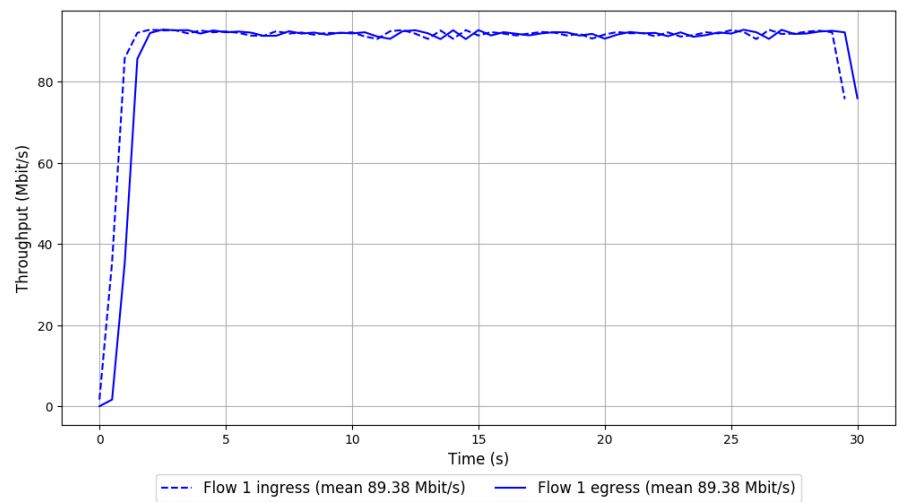
Run 9: Report of PCC-Vivace — Data Link

Flow 1 ingress (mean 89.38 Mbit/s)   Flow 1 egress (mean 89.38 Mbit/s)

Flow 1 (95th percentile 2.58 ms)

```
Run 10: Statistics of PCC-Vivace

Start at: 2018-06-05 07:13:44
End at: 2018-06-05 07:14:14
Local clock offset: -5.57 ms
Remote clock offset: -7.989 ms


# Below is generated by plot.py at 2018-06-05 07:42:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.23 Mbit/s
95th percentile per-packet one-way delay: 2.569 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.23 Mbit/s
95th percentile per-packet one-way delay: 2.569 ms
Loss rate: 0.00%
```
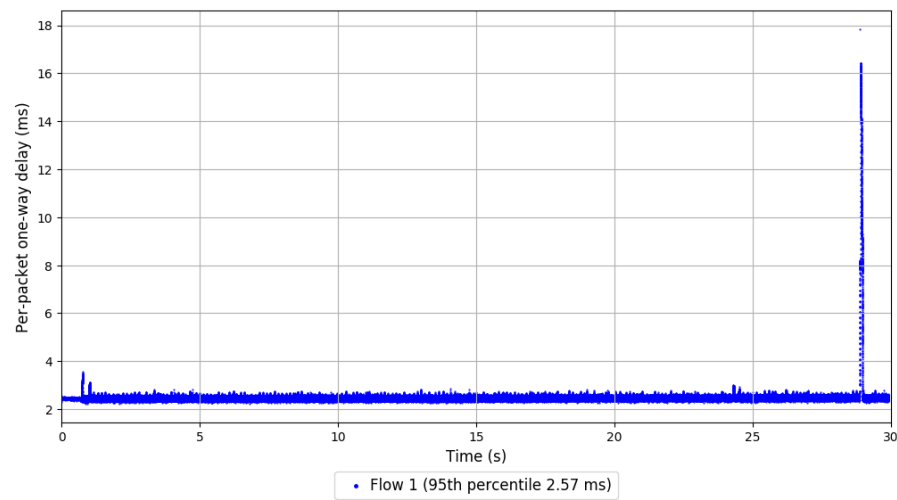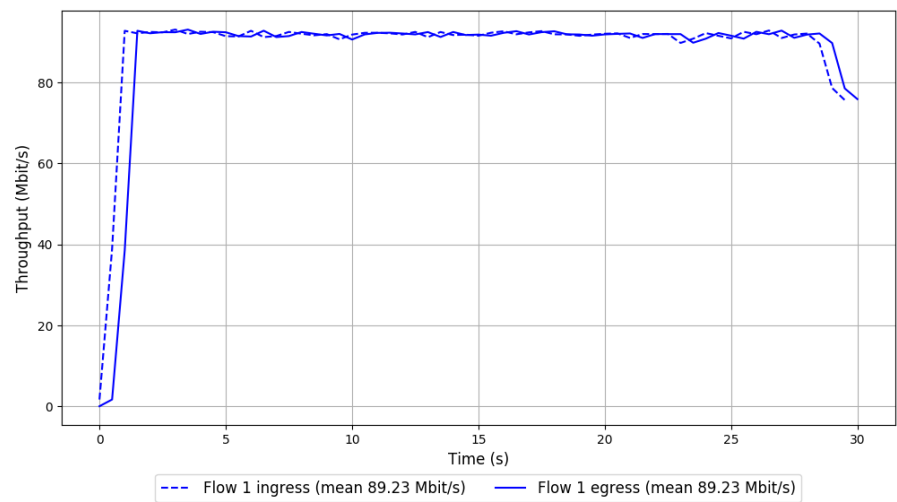
Run 10: Report of PCC-Vivace — Data Link

Flow 1 ingress (mean 89.23 Mbit/s)   Flow 1 egress (mean 89.23 Mbit/s)

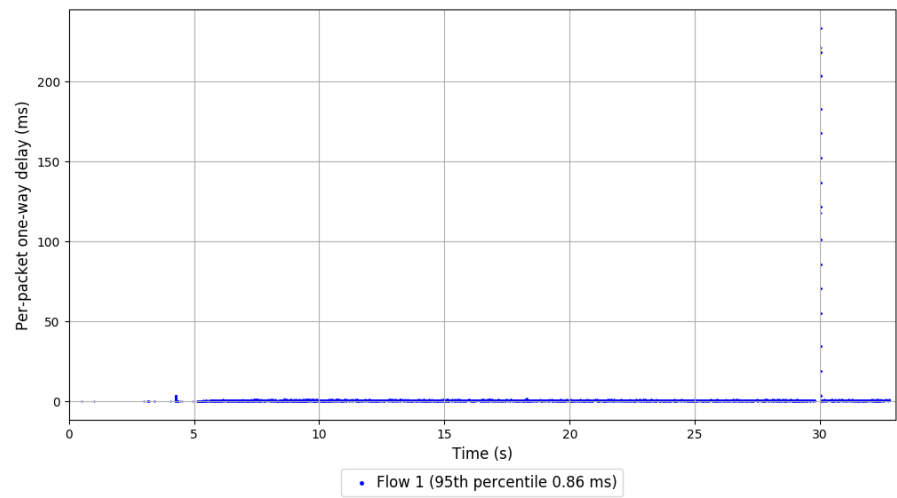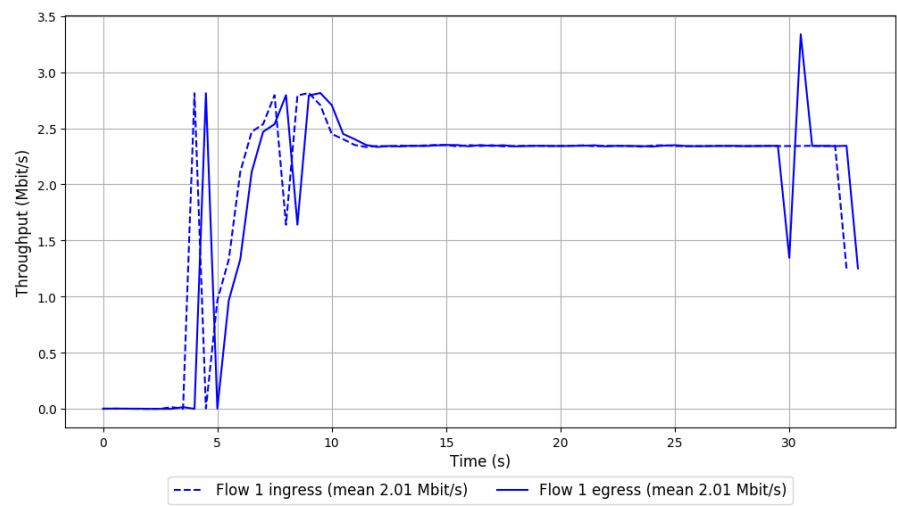

Flow 1 (95th percentile 2.57 ms)

```
Run 1: Statistics of WebRTC media

Start at: 2018-06-05 04:28:08
End at: 2018-06-05 04:28:38
Local clock offset: -5.128 ms
Remote clock offset: -1.559 ms


# Below is generated by plot.py at 2018-06-05 07:42:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.01 Mbit/s
95th percentile per-packet one-way delay: 0.857 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.01 Mbit/s
95th percentile per-packet one-way delay: 0.857 ms
Loss rate: 0.00%
```
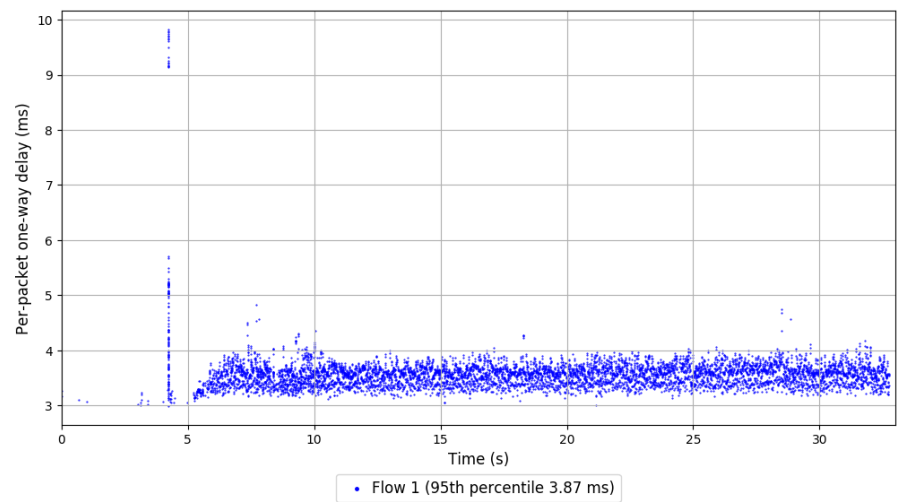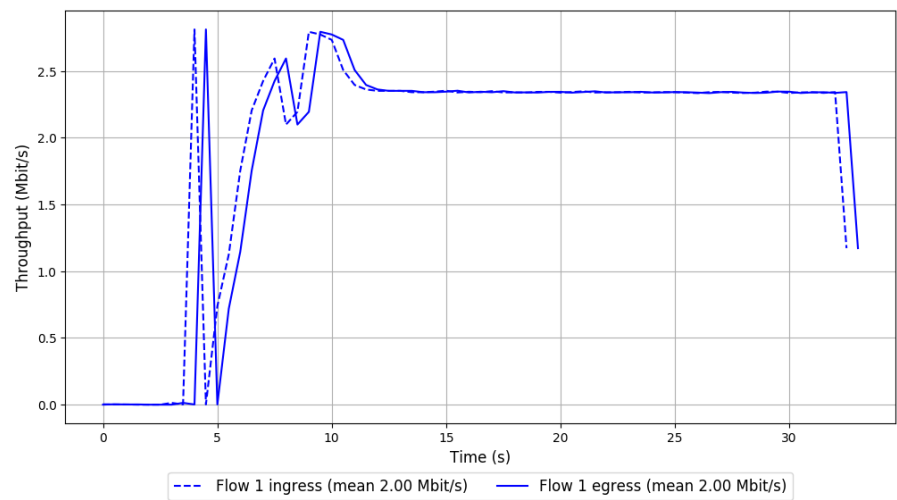
Run 1: Report of WebRTC media — Data Link

```
Run 2: Statistics of WebRTC media

Start at: 2018-06-05 04:46:02
End at: 2018-06-05 04:46:32
Local clock offset: -6.531 ms
Remote clock offset: -1.979 ms


# Below is generated by plot.py at 2018-06-05 07:42:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 3.874 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 3.874 ms
Loss rate: 0.00%
```
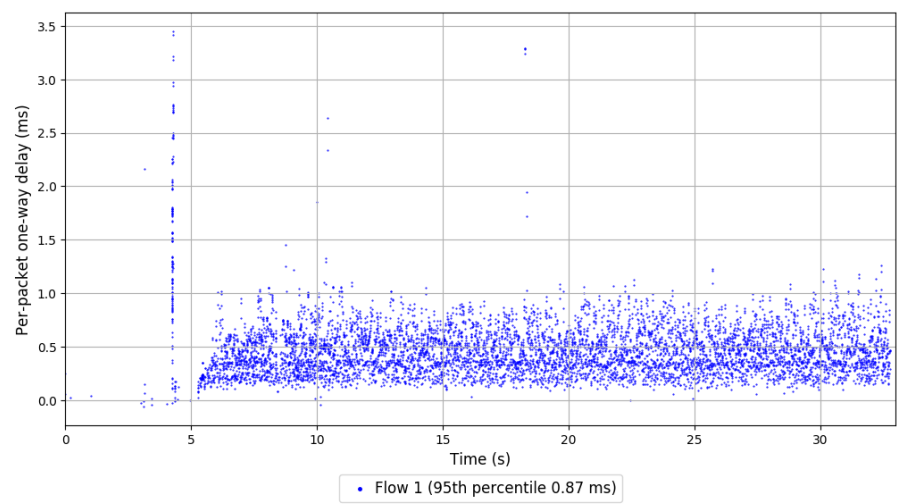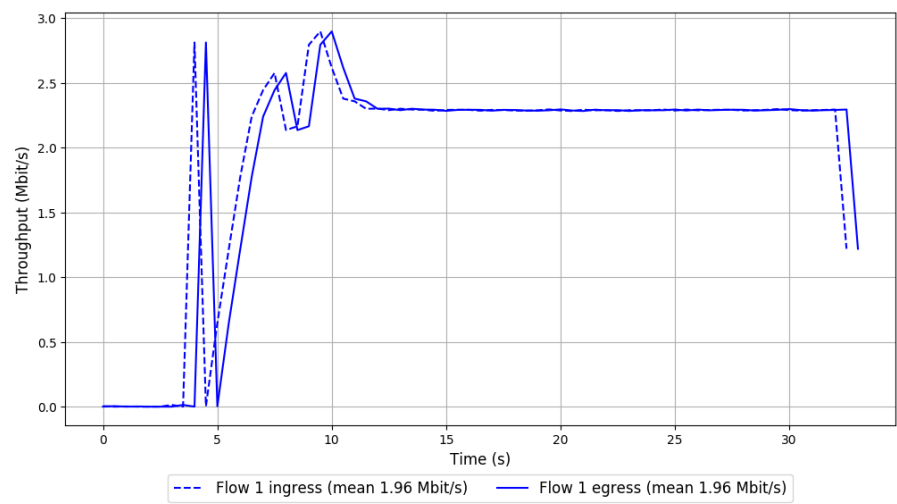
Run 2: Report of WebRTC media — Data Link

```
Run 3: Statistics of WebRTC media

Start at: 2018-06-05 05:03:57
End at: 2018-06-05 05:04:27
Local clock offset: -4.916 ms
Remote clock offset: -2.057 ms


# Below is generated by plot.py at 2018-06-05 07:42:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.96 Mbit/s
95th percentile per-packet one-way delay: 0.870 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.96 Mbit/s
95th percentile per-packet one-way delay: 0.870 ms
Loss rate: 0.00%
```
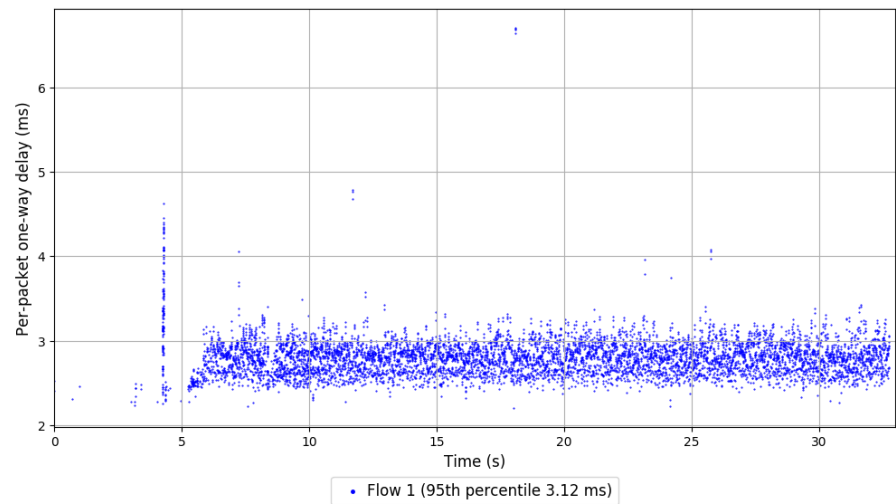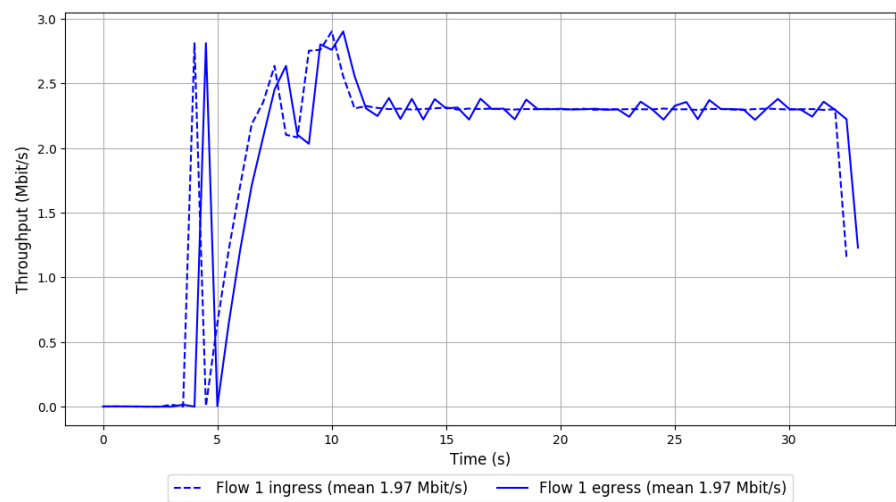
Run 3: Report of WebRTC media — Data Link

```
Run 4: Statistics of WebRTC media

Start at: 2018-06-05 05:21:51
End at: 2018-06-05 05:22:21
Local clock offset: -5.816 ms
Remote clock offset: -1.933 ms


# Below is generated by plot.py at 2018-06-05 07:42:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.97 Mbit/s
95th percentile per-packet one-way delay: 3.119 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.97 Mbit/s
95th percentile per-packet one-way delay: 3.119 ms
Loss rate: 0.00%
```
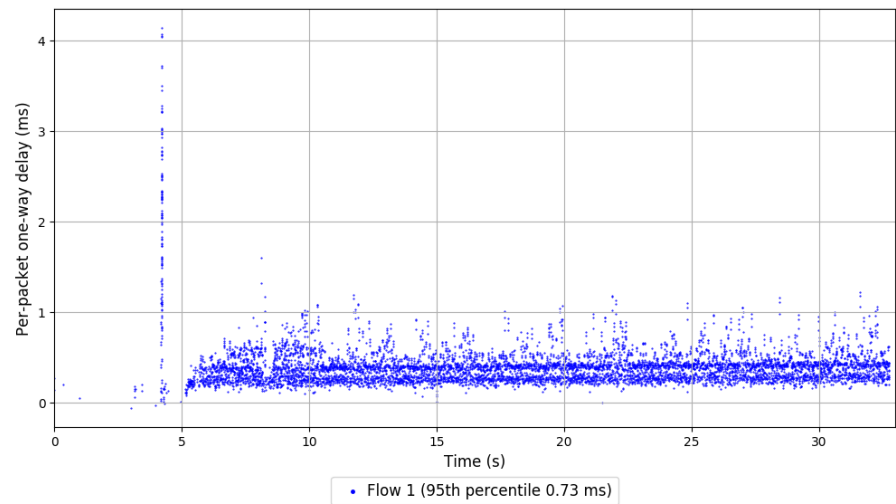
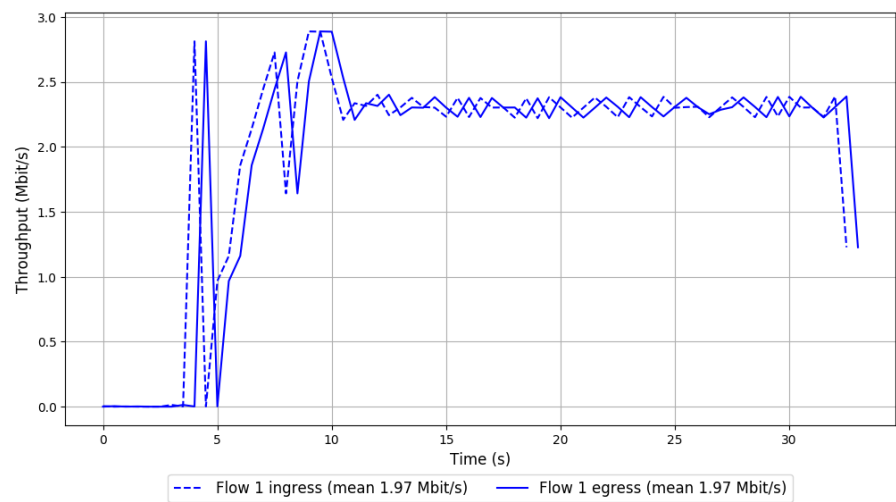Run 4: Report of WebRTC media — Data Link

```
Run 5: Statistics of WebRTC media

Start at: 2018-06-05 05:39:46
End at: 2018-06-05 05:40:16
Local clock offset: -5.03 ms
Remote clock offset: -1.899 ms


# Below is generated by plot.py at 2018-06-05 07:42:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.97 Mbit/s
95th percentile per-packet one-way delay: 0.730 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.97 Mbit/s
95th percentile per-packet one-way delay: 0.730 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

Flow 1 ingress (mean 1.97 Mbit/s)   Flow 1 egress (mean 1.97 Mbit/s)
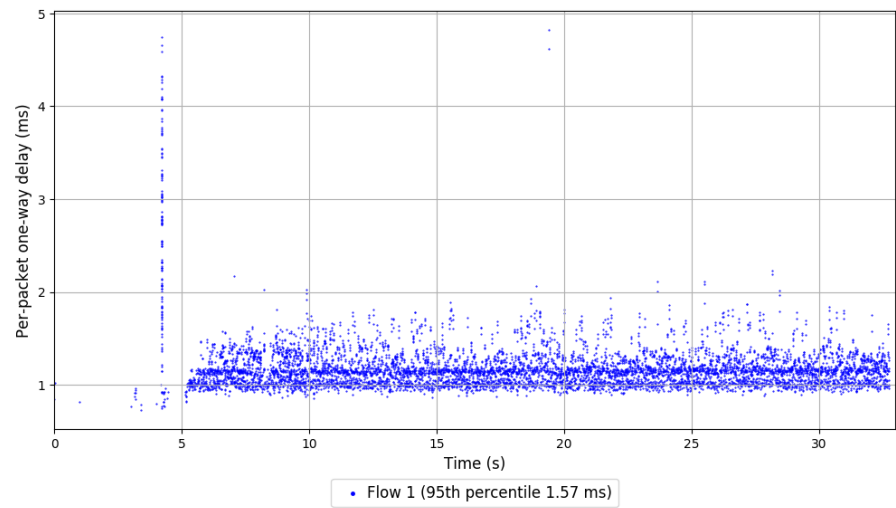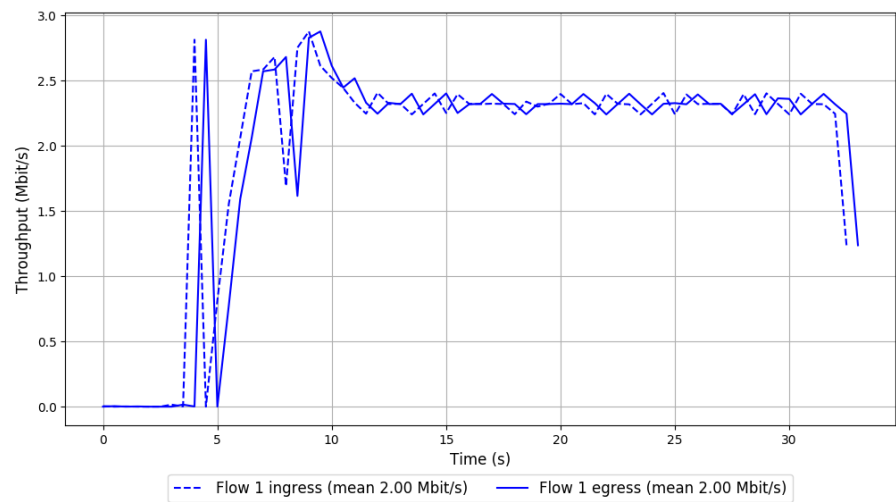

Flow 1 (95th percentile 0.73 ms)

```
Run 6: Statistics of WebRTC media

Start at: 2018-06-05 05:57:40
End at: 2018-06-05 05:58:10
Local clock offset: -5.877 ms
Remote clock offset: -2.801 ms


# Below is generated by plot.py at 2018-06-05 07:42:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 1.574 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 1.574 ms
Loss rate: 0.00%
```
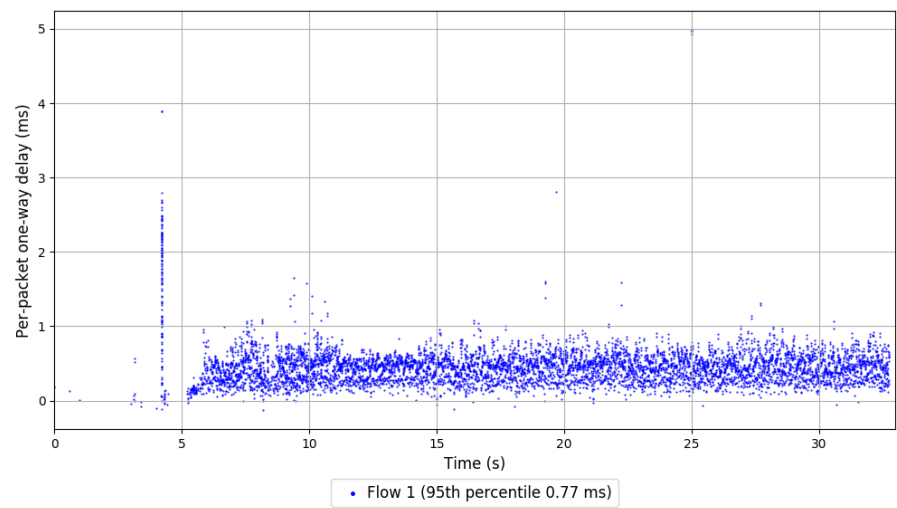
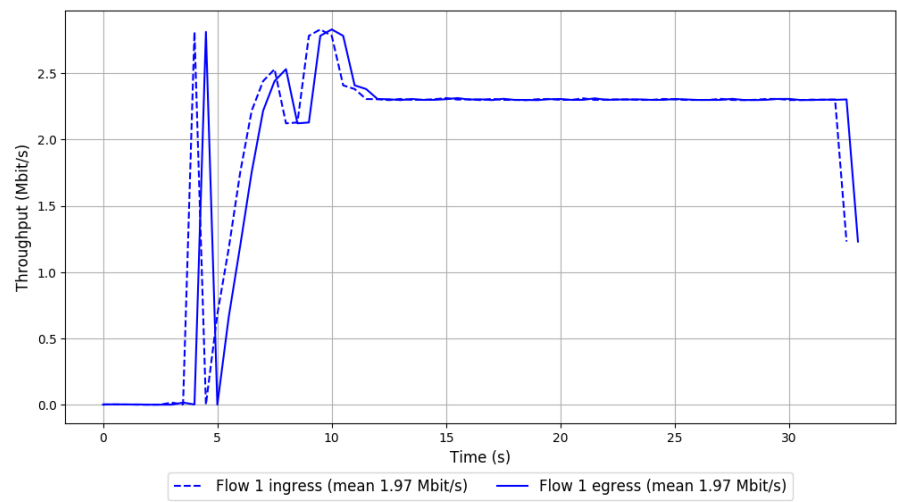Run 6: Report of WebRTC media — Data Link

```
Run 7: Statistics of WebRTC media

Start at: 2018-06-05 06:15:34
End at: 2018-06-05 06:16:04
Local clock offset: -4.821 ms
Remote clock offset: -3.141 ms


# Below is generated by plot.py at 2018-06-05 07:42:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.97 Mbit/s
95th percentile per-packet one-way delay: 0.770 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.97 Mbit/s
95th percentile per-packet one-way delay: 0.770 ms
Loss rate: 0.00%
```

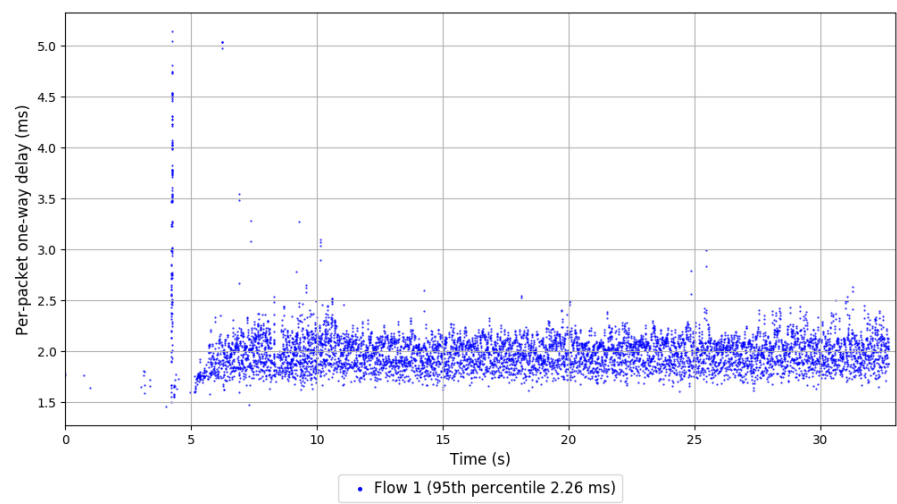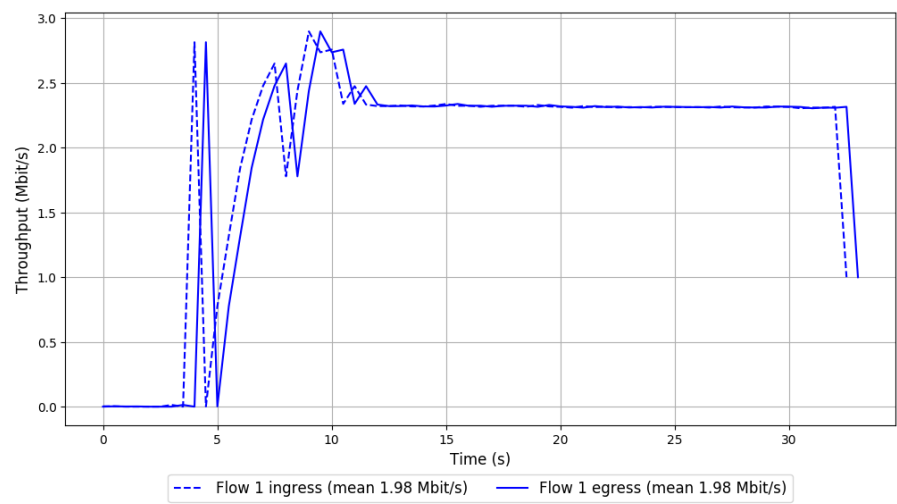Run 7: Report of WebRTC media — Data Link

```
Run 8: Statistics of WebRTC media

Start at: 2018-06-05 06:33:29
End at: 2018-06-05 06:33:59
Local clock offset: -6.264 ms
Remote clock offset: -3.303 ms


# Below is generated by plot.py at 2018-06-05 07:42:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.98 Mbit/s
95th percentile per-packet one-way delay: 2.258 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.98 Mbit/s
95th percentile per-packet one-way delay: 2.258 ms
Loss rate: 0.00%
```

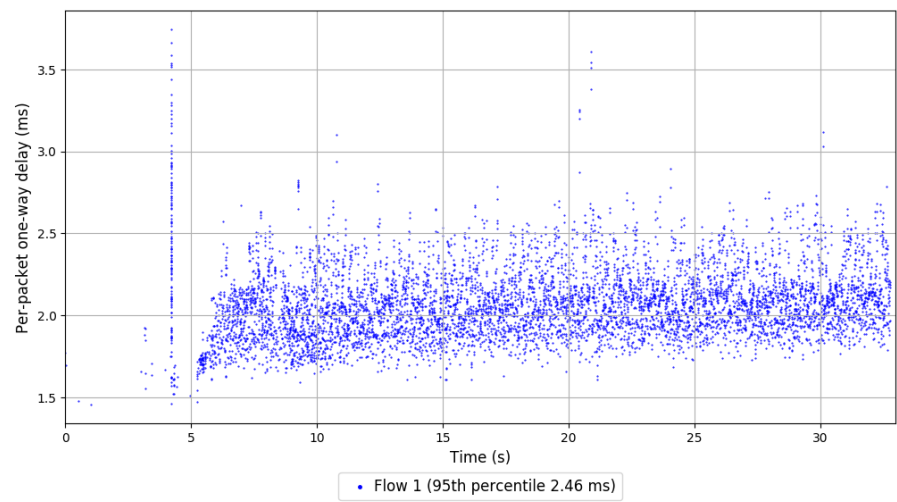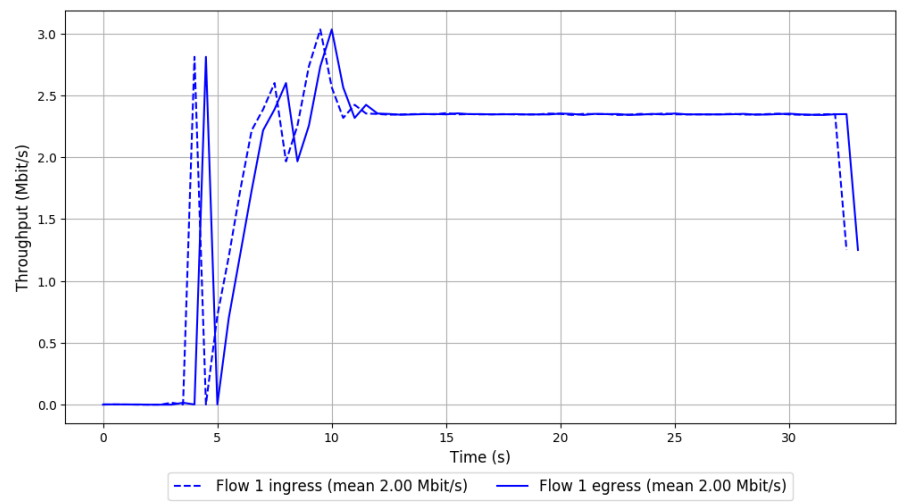Run 8: Report of WebRTC media — Data Link

```
Run 9: Statistics of WebRTC media

Start at: 2018-06-05 06:51:22
End at: 2018-06-05 06:51:52
Local clock offset: -4.633 ms
Remote clock offset: -4.797 ms


# Below is generated by plot.py at 2018-06-05 07:42:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 2.465 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 2.465 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link

```
Run 10: Statistics of WebRTC media

Start at: 2018-06-05 07:09:17
End at: 2018-06-05 07:09:47
Local clock offset: -6.326 ms
Remote clock offset: -7.675 ms


# Below is generated by plot.py at 2018-06-05 07:42:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.98 Mbit/s
95th percentile per-packet one-way delay: 2.290 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.98 Mbit/s
95th percentile per-packet one-way delay: 2.290 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link