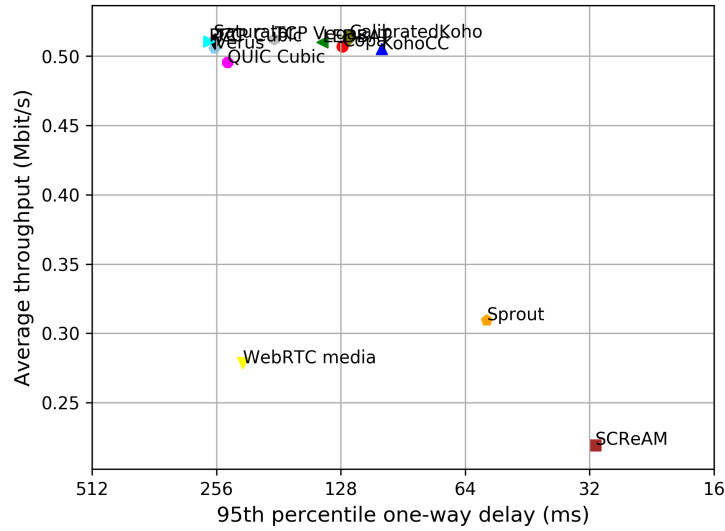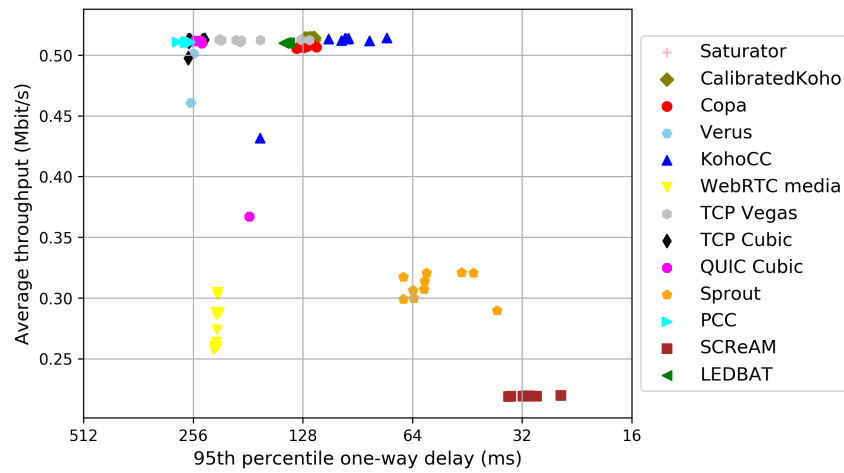**Pantheon Summary** (Generated at Mon, 17 Jul 2017 00:50:34 +0000 with pantheon version `d7b3554d9e52d3442ab19bc1e1c71f4629d4a0ac`)

Repeated the test of 14 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

Data path: AWS India 2 Ethernet (*local*) →Nepal Ethernet (*remote*).

NTP offset measured against nets.org.sg and has been applied to correct the timestamps in logs.

```
git branch: master @ d7b3554d9e52d3442ab19bc1e1c71f4629d4a0ac
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
 M datagrump/sender.cc
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
 M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
 M receiver/src/buffer.h
 M receiver/src/core.cpp
 M sender/src/buffer.h
 M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
 M src/examples/cellsim.cc
 M src/examples/sproutbt2.cc
 M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
 M src/verus.hpp
 M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

test from AWS India 2 Ethernet to Nepal Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)

test from AWS India 2 Ethernet to Nepal Ethernet, 10 runs of 30s each per scheme

scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
CalibratedKoho	10	0.51	122.14	0.25
Copa	10	0.51	126.82	0.71
TCP Cubic	10	0.51	258.23	2.60
KohoCC	10	0.50	102.04	0.33
LEDBAT	10	0.51	141.76	0.01
PCC	10	0.51	266.88	79.16
QUIC Cubic	10	0.49	240.82	14.59
Saturator	10	0.51	260.59	49.85
SCReAM	10	0.22	31.03	0.00
Sprout	10	0.31	56.82	0.19
TaoVA-100x	10	nan	nan	nan
TCP Vegas	10	0.51	185.62	0.99
Verus	10	0.50	258.53	19.27
WebRTC media	10	0.28	220.90	16.04

```
Run 1: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 19:20:28 +0000
End at: Sun, 16 Jul 2017 19:20:58 +0000
Local clock offset: -0.177 ms
Remote clock offset: 5.229 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 122.618 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 122.618 ms
Loss rate: 0.31%
```
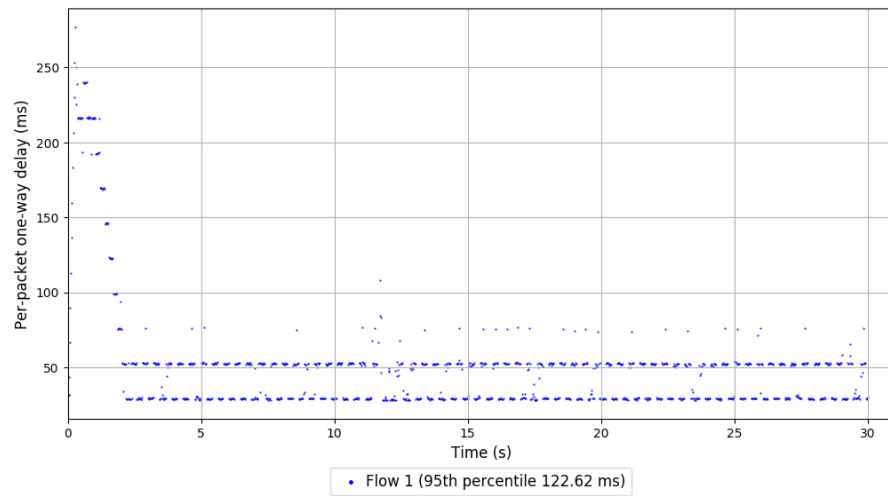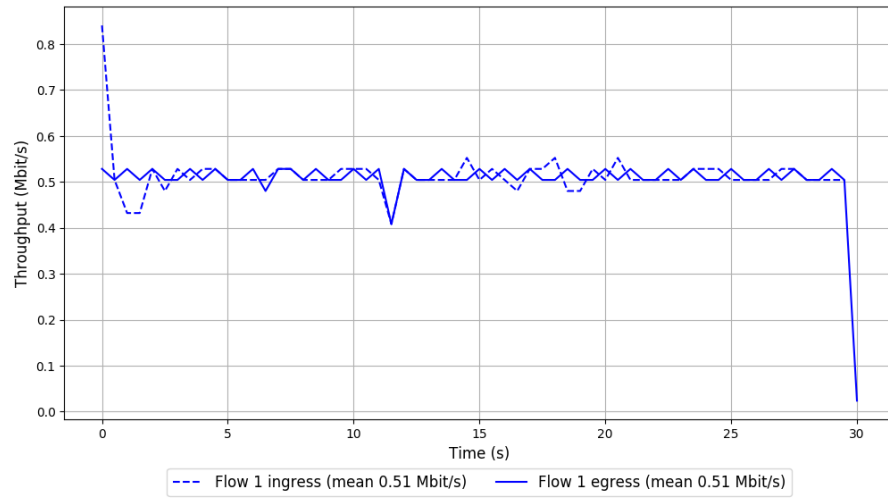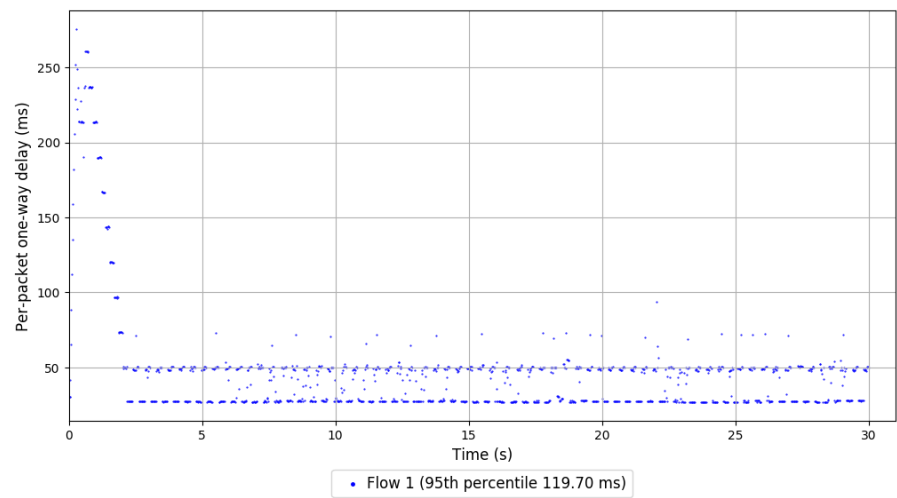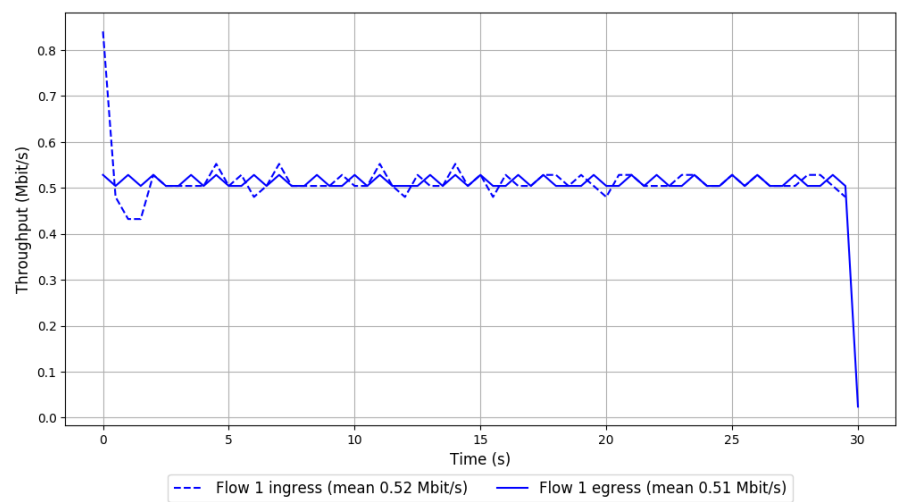
Run 1: Report of CalibratedKoho — Data Link

Flow 1 ingress (mean 0.51 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 122.62 ms)

```
Run 2: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 19:37:38 +0000
End at: Sun, 16 Jul 2017 19:38:08 +0000
Local clock offset: 0.751 ms
Remote clock offset: 4.852 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 119.705 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 119.705 ms
Loss rate: 0.23%
```
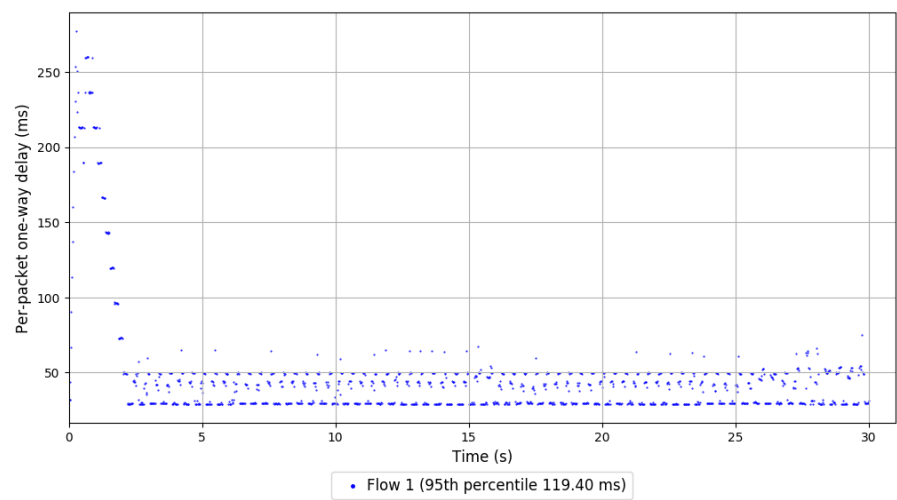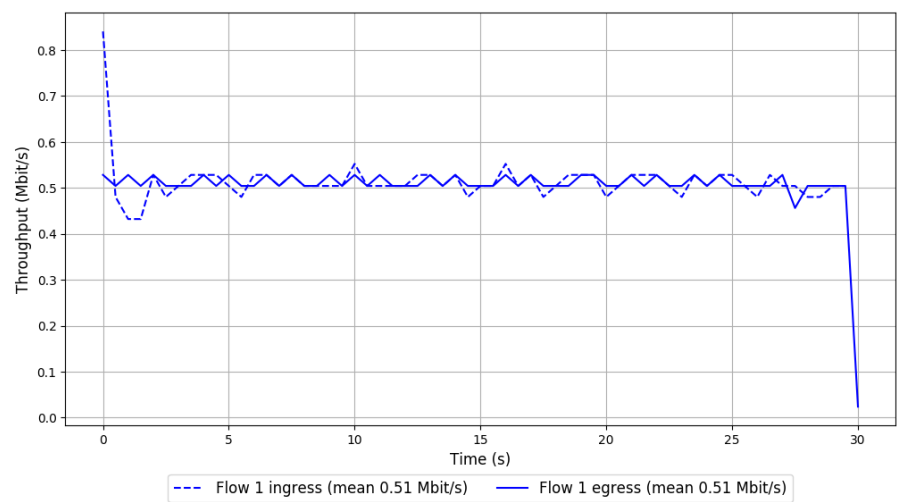
Run 2: Report of CalibratedKoho — Data Link

Flow 1 ingress (mean 0.52 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 119.70 ms)

```
Run 3: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 19:54:34 +0000
End at: Sun, 16 Jul 2017 19:55:04 +0000
Local clock offset: 1.562 ms
Remote clock offset: 4.122 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 119.398 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 119.398 ms
Loss rate: 0.23%
```
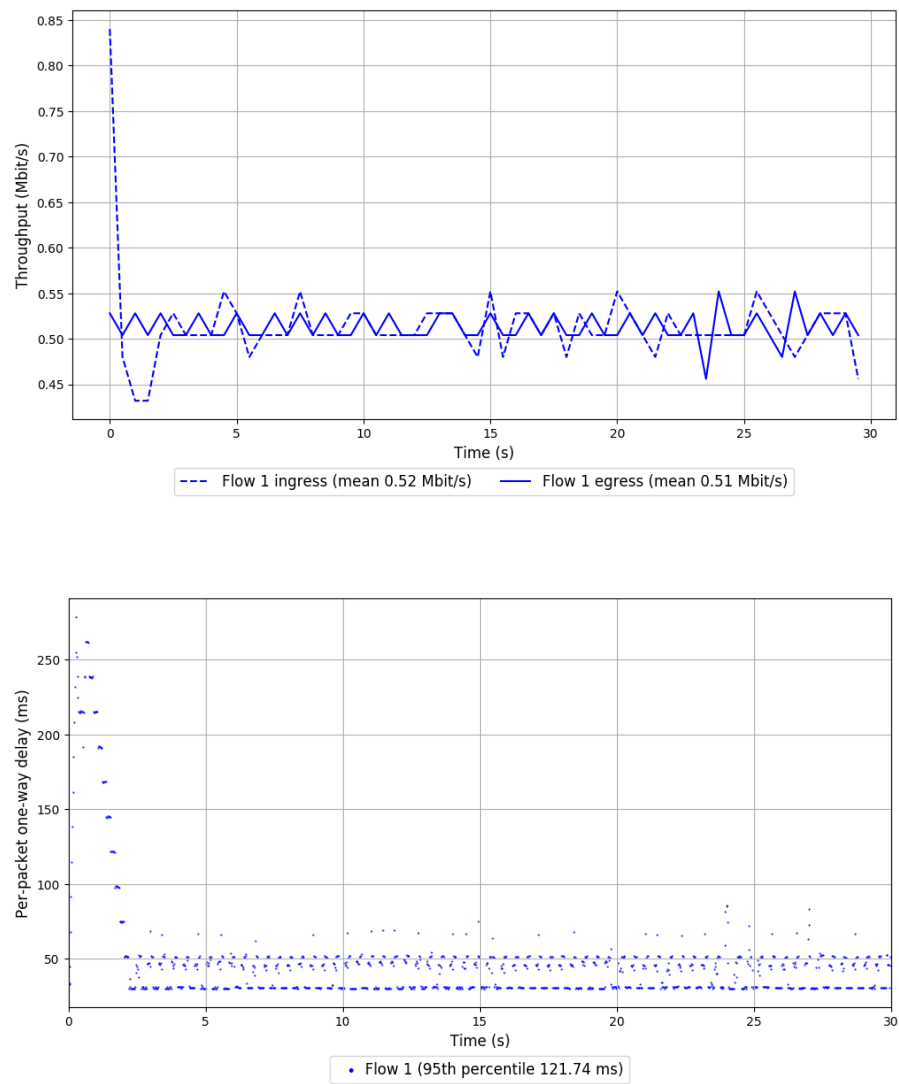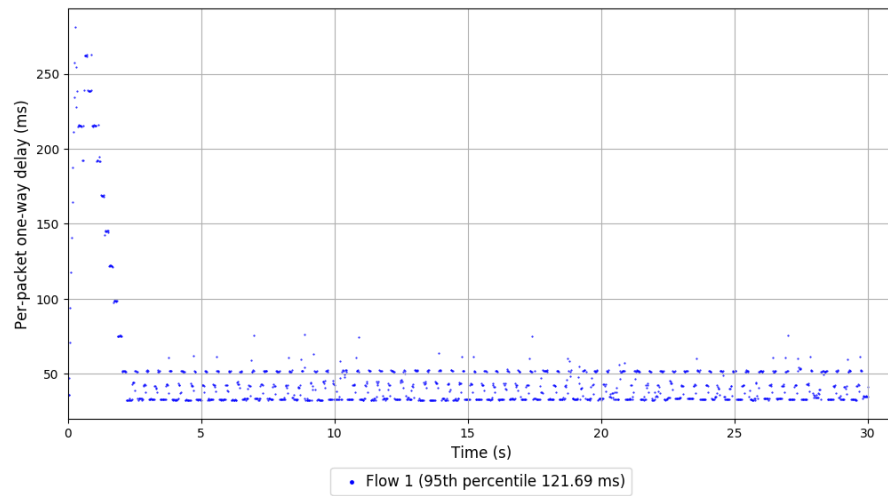
Run 3: Report of CalibratedKoho — Data Link

Flow 1 ingress (mean 0.51 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

• Flow 1 (95th percentile 119.40 ms)

```
Run 4: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 20:11:30 +0000
End at: Sun, 16 Jul 2017 20:12:00 +0000
Local clock offset: 0.977 ms
Remote clock offset: 4.312 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 121.738 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 121.738 ms
Loss rate: 0.23%
```
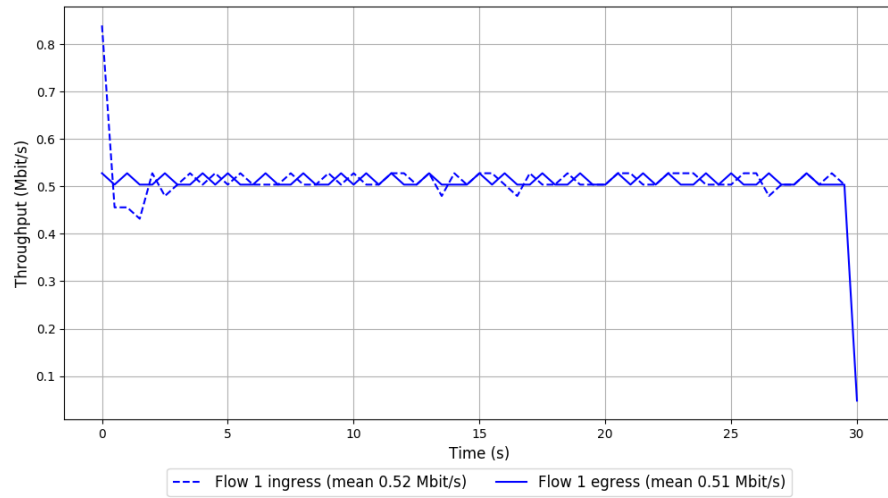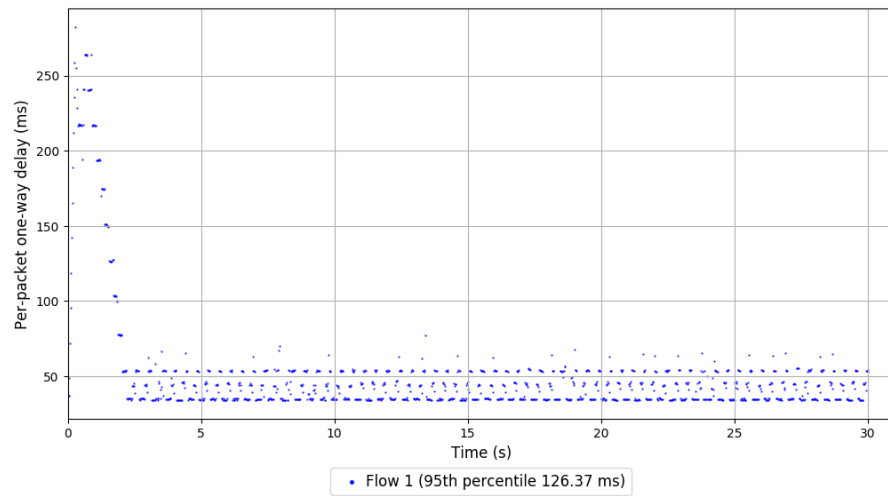
Run 4: Report of CalibratedKoho — Data Link

```
Run 5: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 20:28:30 +0000
End at: Sun, 16 Jul 2017 20:29:00 +0000
Local clock offset: 1.035 ms
Remote clock offset: 4.012 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 121.686 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 121.686 ms
Loss rate: 0.23%
```
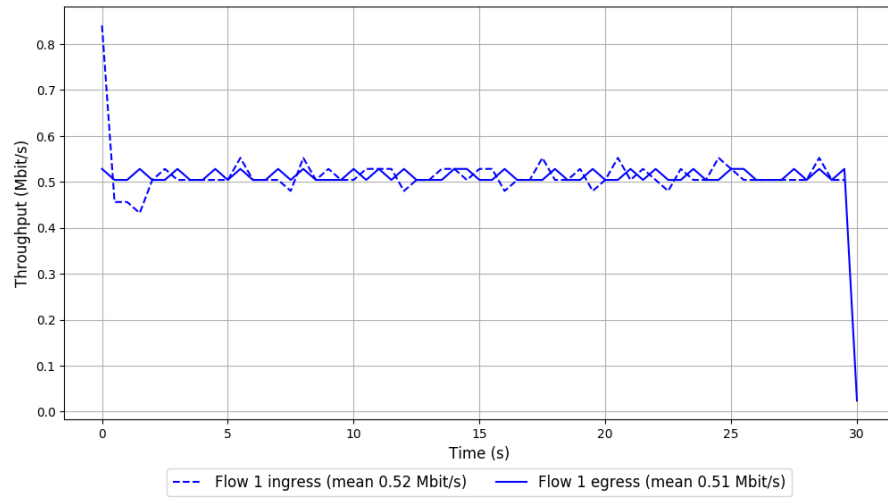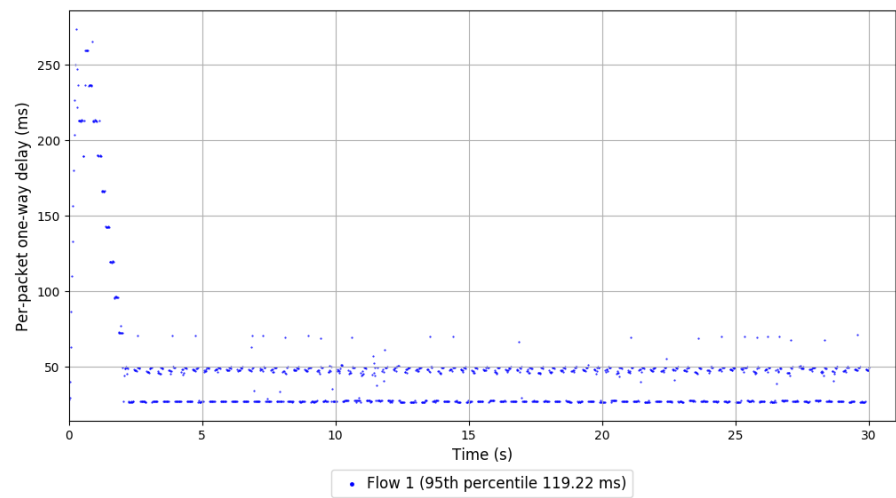
Run 5: Report of CalibratedKoho — Data Link

Flow 1 ingress (mean 0.52 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 121.69 ms)

```
Run 6: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 20:45:30 +0000
End at: Sun, 16 Jul 2017 20:46:00 +0000
Local clock offset: -0.598 ms
Remote clock offset: 4.402 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 126.367 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 126.367 ms
Loss rate: 0.23%
```
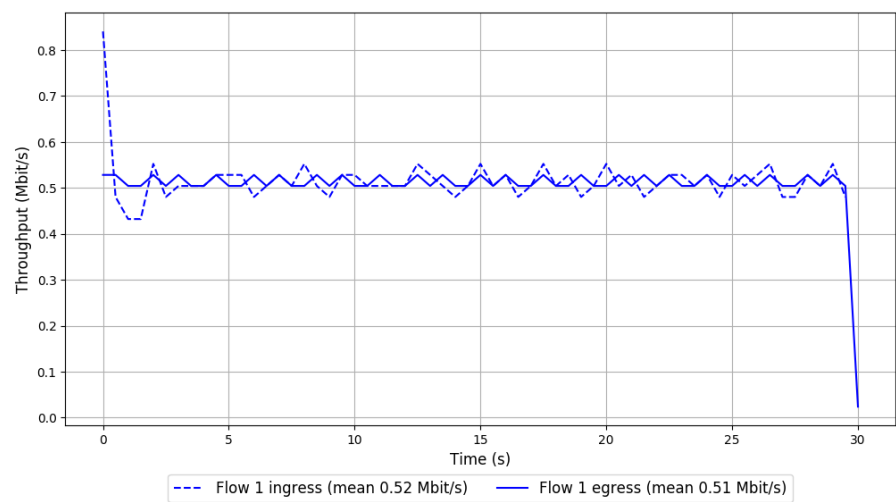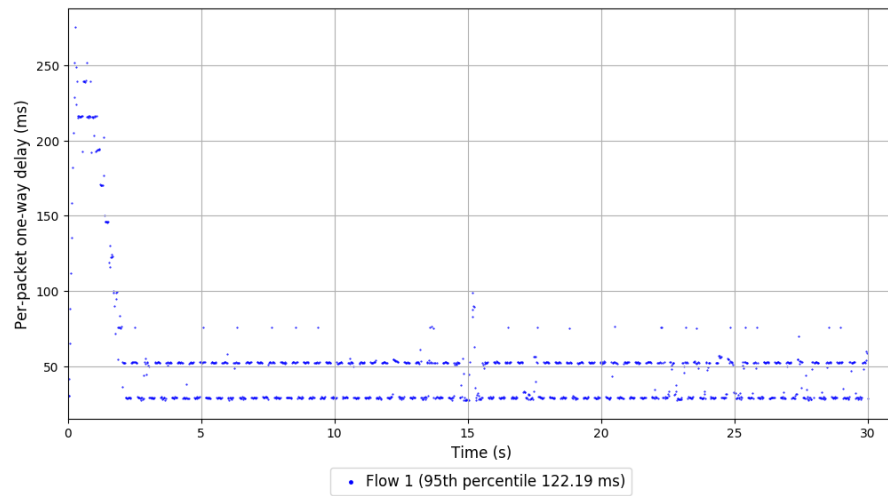
Run 6: Report of CalibratedKoho — Data Link

```
Run 7: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 21:02:29 +0000
End at: Sun, 16 Jul 2017 21:02:59 +0000
Local clock offset: 3.187 ms
Remote clock offset: 3.183 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 119.223 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 119.223 ms
Loss rate: 0.23%
```
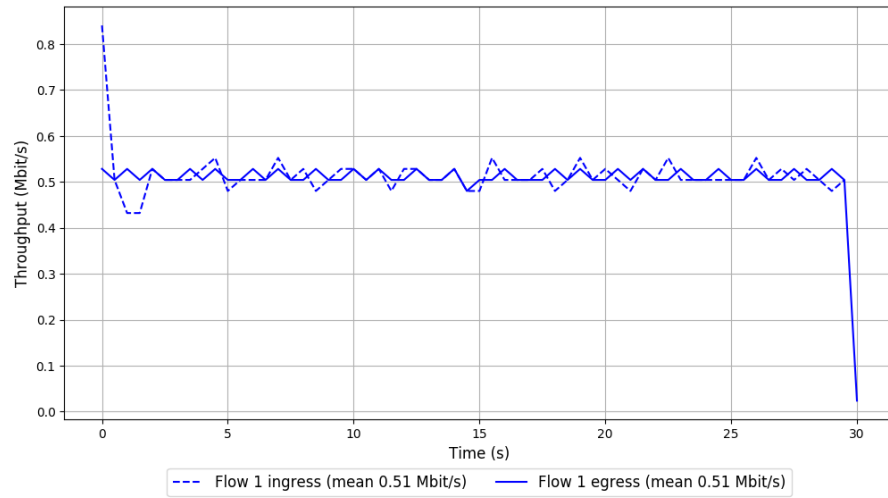
Run 7: Report of CalibratedKoho — Data Link

```
Run 8: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 21:19:27 +0000
End at: Sun, 16 Jul 2017 21:19:57 +0000
Local clock offset: 1.004 ms
Remote clock offset: 3.927 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 122.192 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 122.192 ms
Loss rate: 0.31%
```
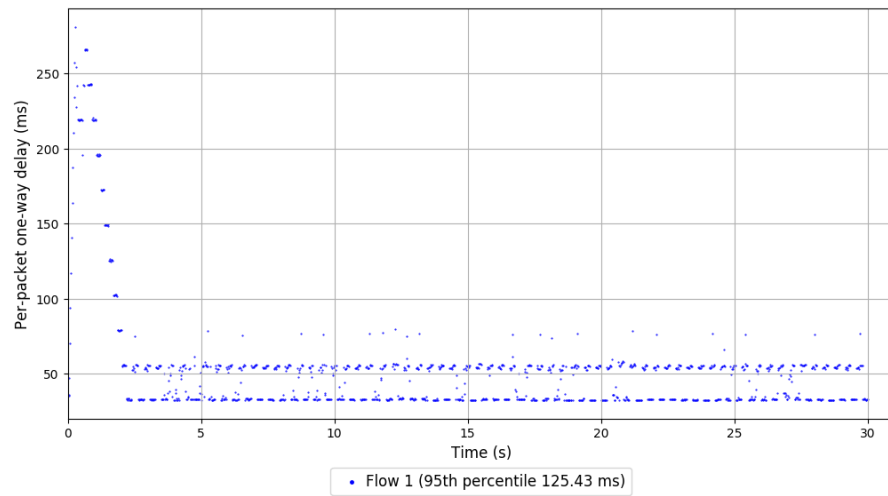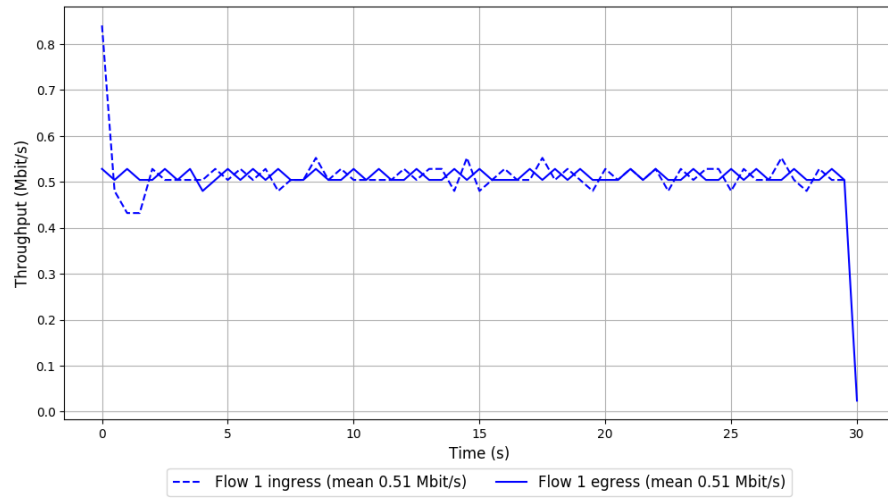
Run 8: Report of CalibratedKoho — Data Link

```
Run 9: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 21:36:32 +0000
End at: Sun, 16 Jul 2017 21:37:02 +0000
Local clock offset: -0.664 ms
Remote clock offset: 4.86 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 125.430 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 125.430 ms
Loss rate: 0.23%
```
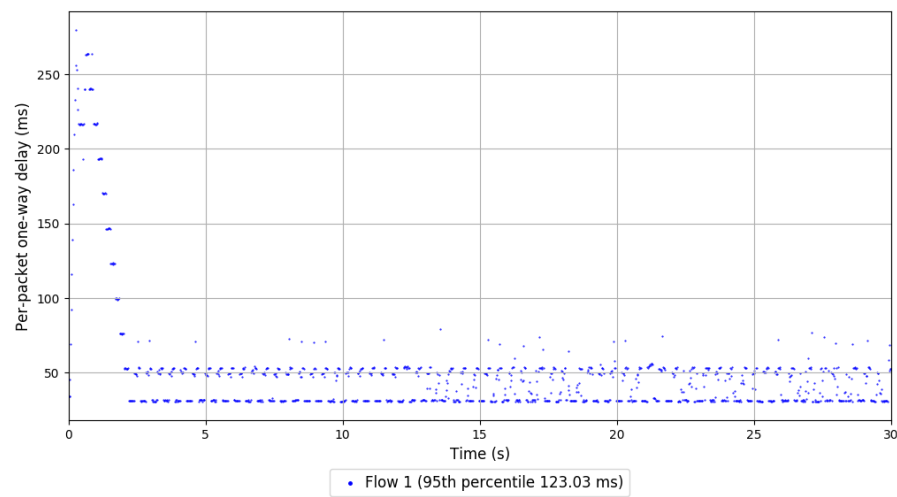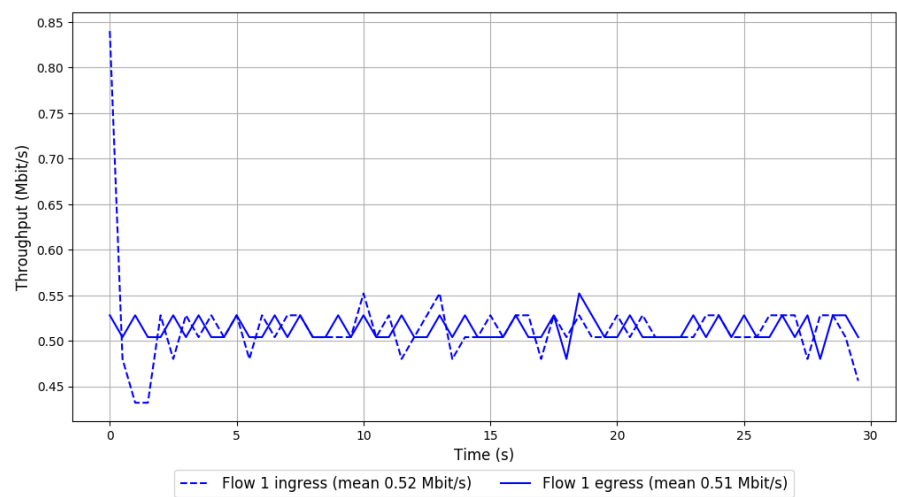
Run 9: Report of CalibratedKoho — Data Link

```
Run 10: Statistics of CalibratedKoho

Start at: Sun, 16 Jul 2017 21:53:30 +0000
End at: Sun, 16 Jul 2017 21:54:00 +0000
Local clock offset: 0.487 ms
Remote clock offset: 4.152 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 123.035 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 123.035 ms
Loss rate: 0.23%
```
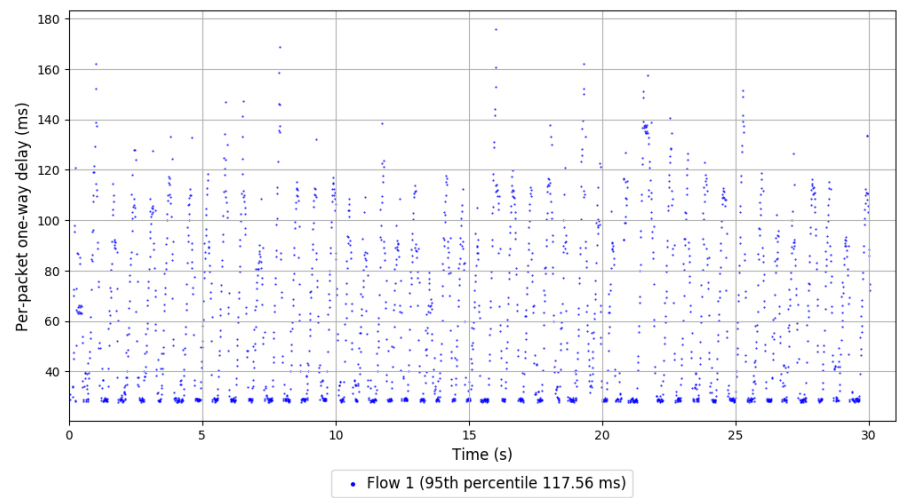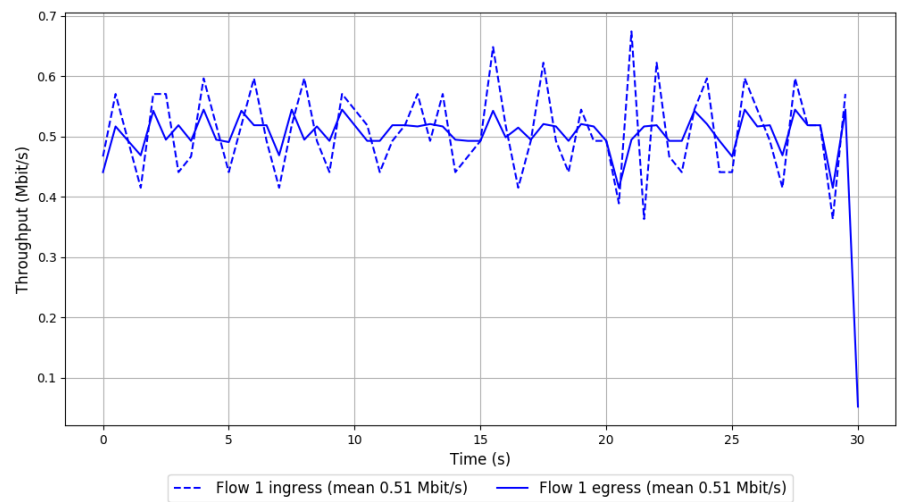
Run 10: Report of CalibratedKoho — Data Link

```
Run 1: Statistics of Copa

Start at: Sun, 16 Jul 2017 19:14:20 +0000
End at: Sun, 16 Jul 2017 19:14:50 +0000
Local clock offset: -1.36 ms
Remote clock offset: 4.666 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 117.563 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 117.563 ms
Loss rate: 0.25%
```
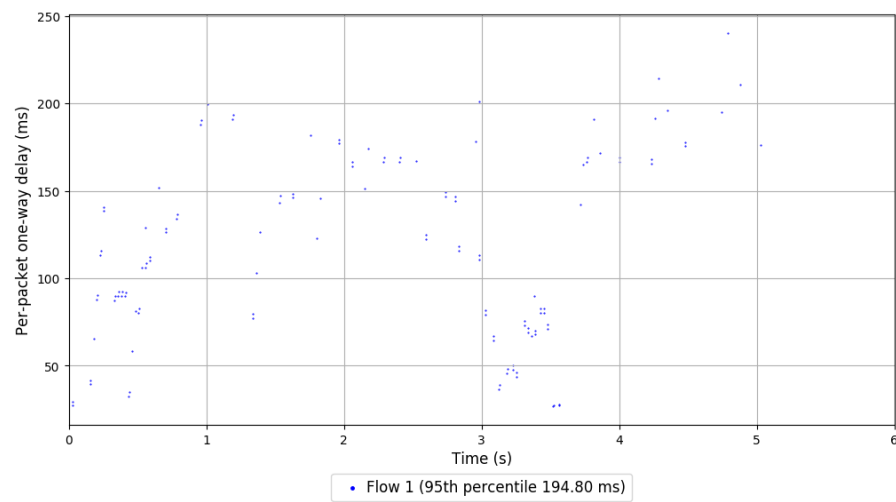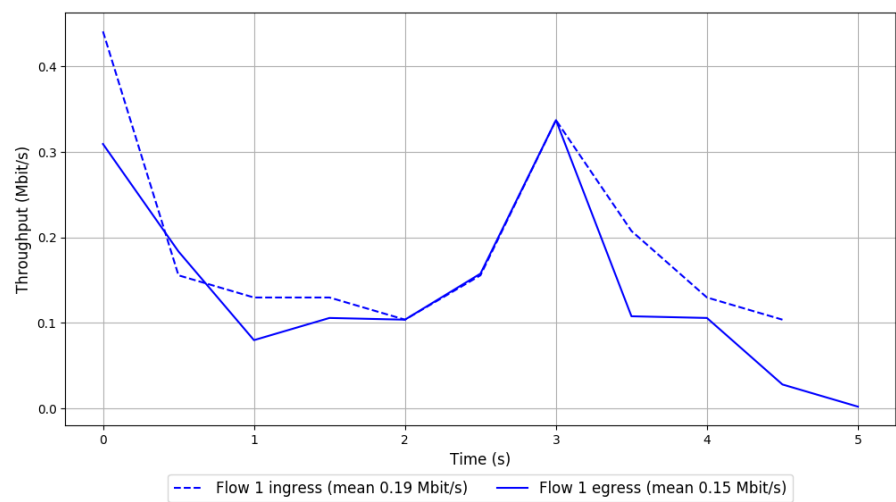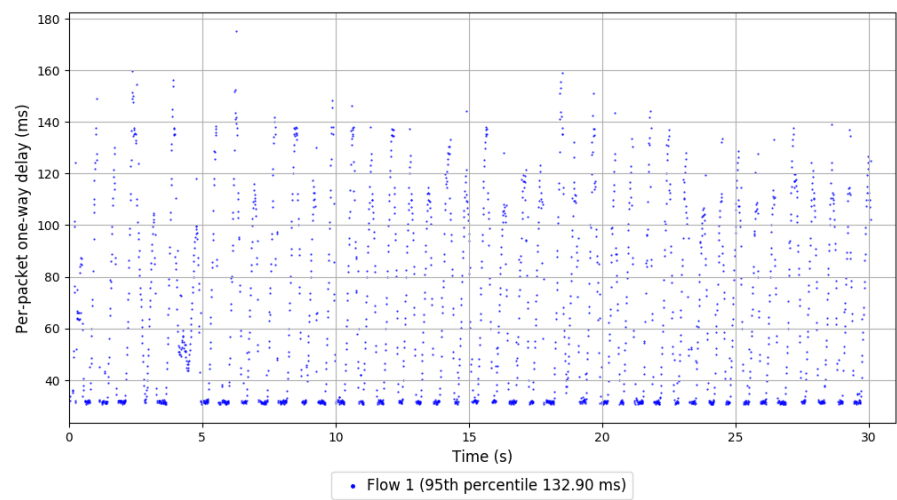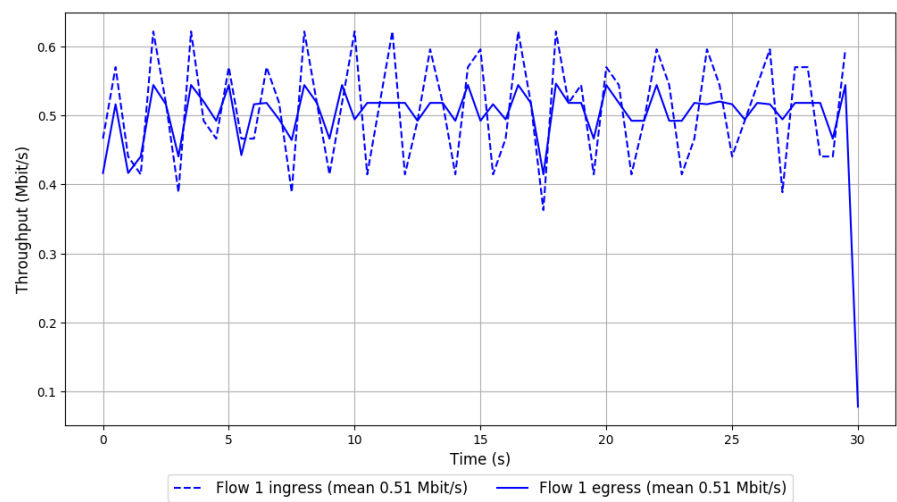
Run 1: Report of Copa — Data Link

Run 2: Statistics of Copa

Start at: Sun, 16 Jul 2017 19:31:28 +0000
End at: Sun, 16 Jul 2017 19:31:58 +0000
Local clock offset: -0.609 ms
Remote clock offset: 4.088 ms

Run 2: Report of Copa — Data Link

```
Run 3: Statistics of Copa

Start at: Sun, 16 Jul 2017 19:48:29 +0000
End at: Sun, 16 Jul 2017 19:48:59 +0000
Local clock offset: -0.305 ms
Remote clock offset: 4.804 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 132.901 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 132.901 ms
Loss rate: 0.66%
```
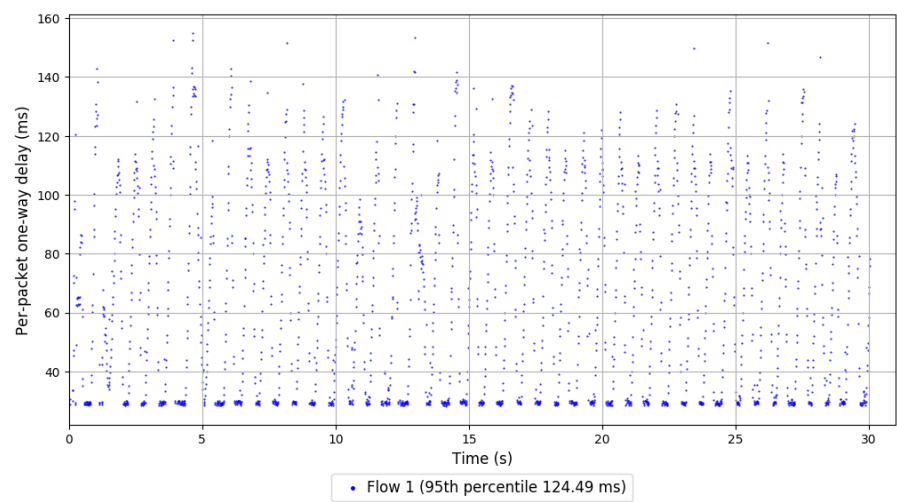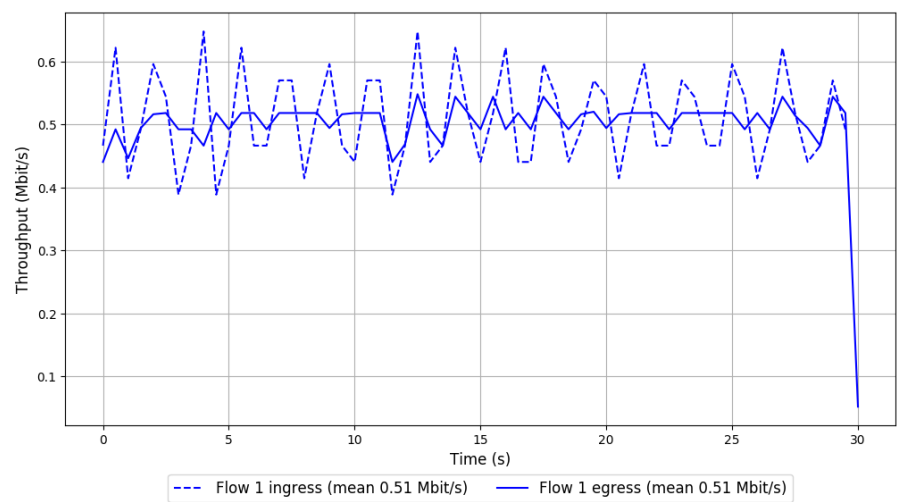
Run 3: Report of Copa — Data Link

Flow 1 ingress (mean 0.51 Mbit/s) --- Flow 1 egress (mean 0.51 Mbit/s)

• Flow 1 (95th percentile 132.90 ms)

```
Run 4: Statistics of Copa

Start at: Sun, 16 Jul 2017 20:05:26 +0000
End at: Sun, 16 Jul 2017 20:05:56 +0000
Local clock offset: 1.066 ms
Remote clock offset: 4.529 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 124.492 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 124.492 ms
Loss rate: 0.64%
```
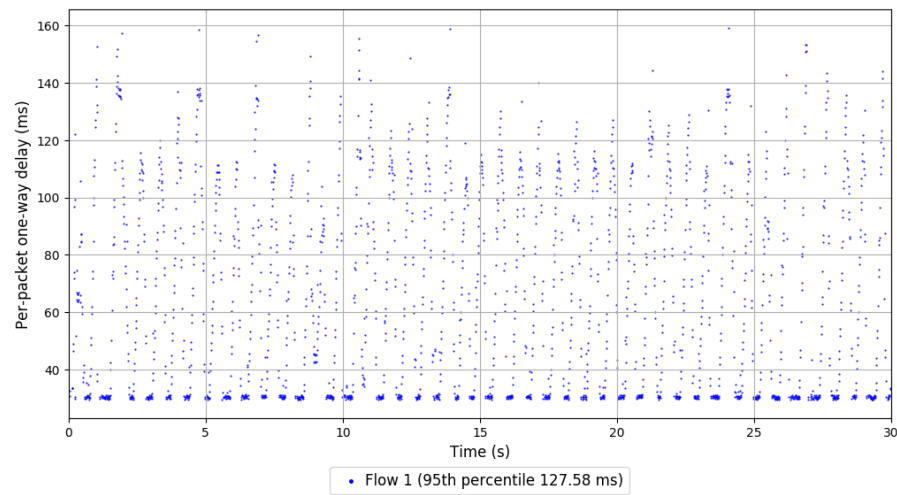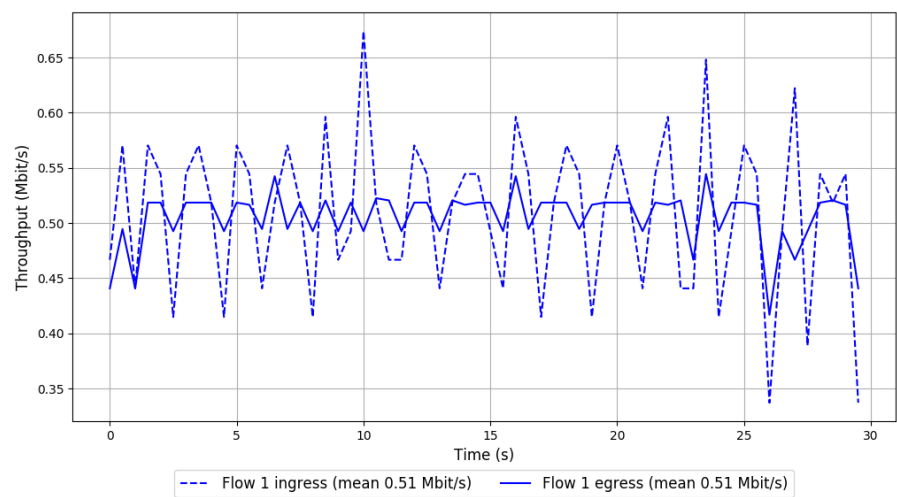
Run 4: Report of Copa — Data Link

```
Run 5: Statistics of Copa

Start at: Sun, 16 Jul 2017 20:22:24 +0000
End at: Sun, 16 Jul 2017 20:22:54 +0000
Local clock offset: 1.872 ms
Remote clock offset: 6.565 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 127.576 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 127.576 ms
Loss rate: 0.73%
```
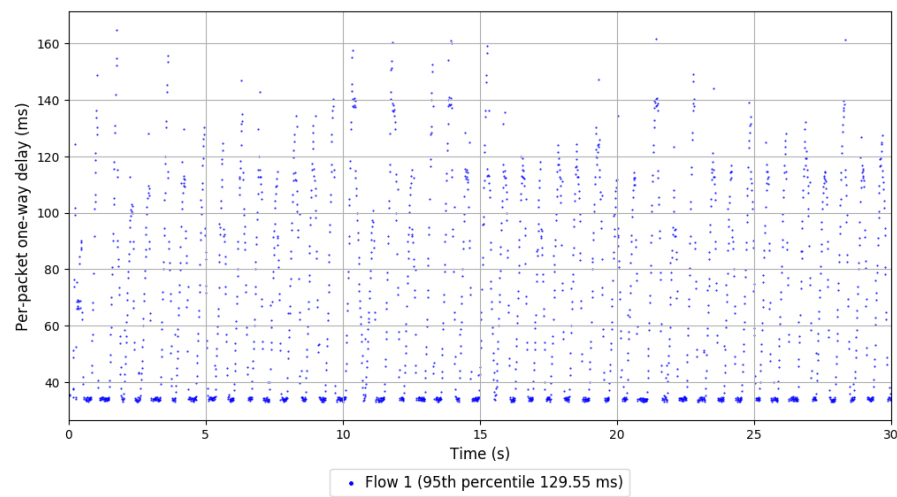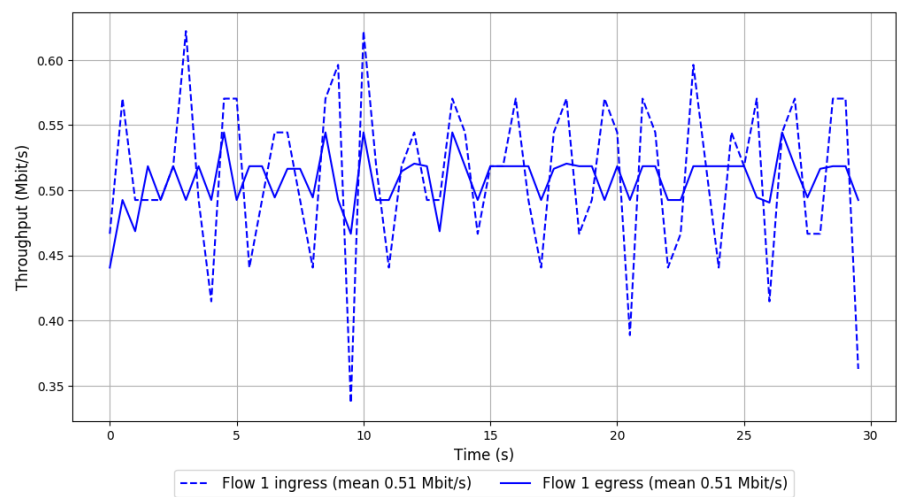
Run 5: Report of Copa — Data Link

```
Run 6: Statistics of Copa

Start at: Sun, 16 Jul 2017 20:39:26 +0000
End at: Sun, 16 Jul 2017 20:39:56 +0000
Local clock offset: -1.253 ms
Remote clock offset: 4.818 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 129.550 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 129.550 ms
Loss rate: 0.59%
```
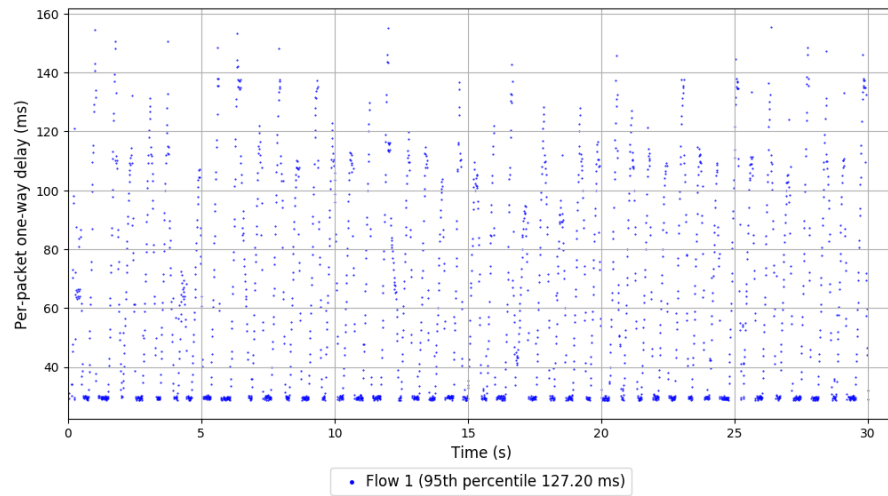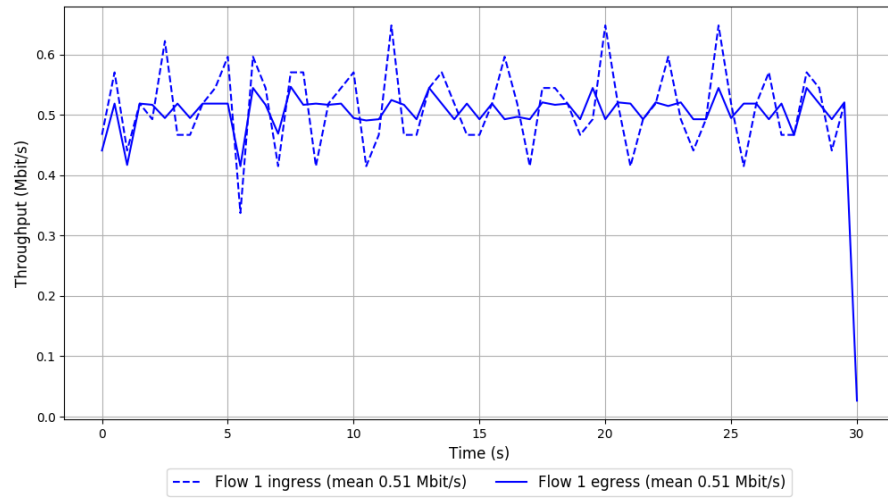
Run 6: Report of Copa — Data Link

Flow 1 ingress (mean 0.51 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 129.55 ms)

```
Run 7: Statistics of Copa

Start at: Sun, 16 Jul 2017 20:56:22 +0000
End at: Sun, 16 Jul 2017 20:56:53 +0000
Local clock offset: 1.032 ms
Remote clock offset: 3.777 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 127.199 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 127.199 ms
Loss rate: 0.96%
```
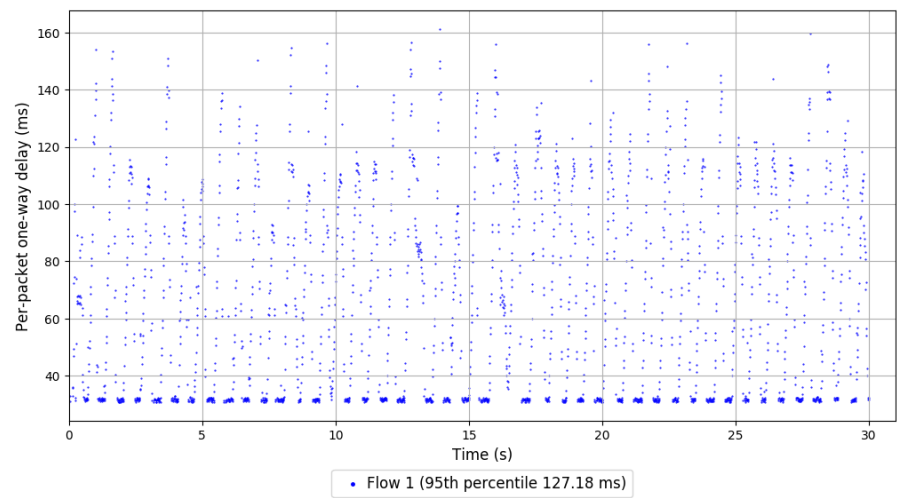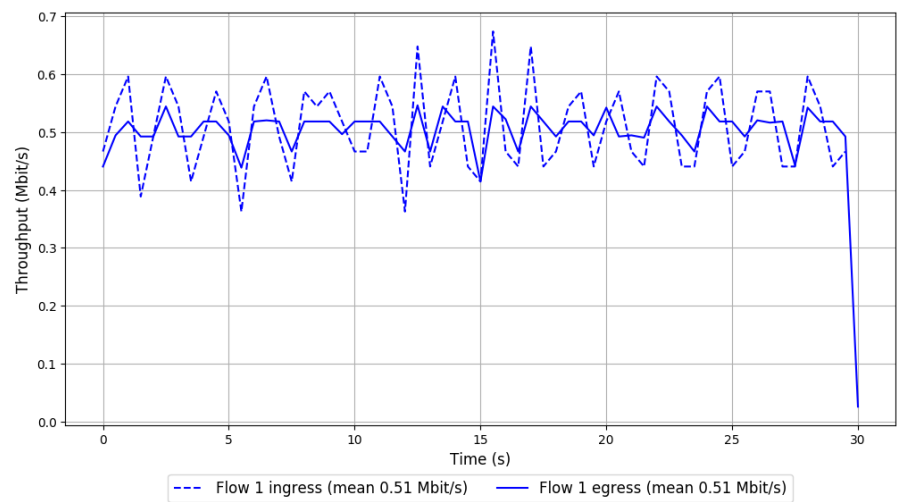
Run 7: Report of Copa — Data Link

```
Run 8: Statistics of Copa

Start at: Sun, 16 Jul 2017 21:13:22 +0000
End at: Sun, 16 Jul 2017 21:13:52 +0000
Local clock offset: -1.425 ms
Remote clock offset: 3.413 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 127.181 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 127.181 ms
Loss rate: 0.79%
```
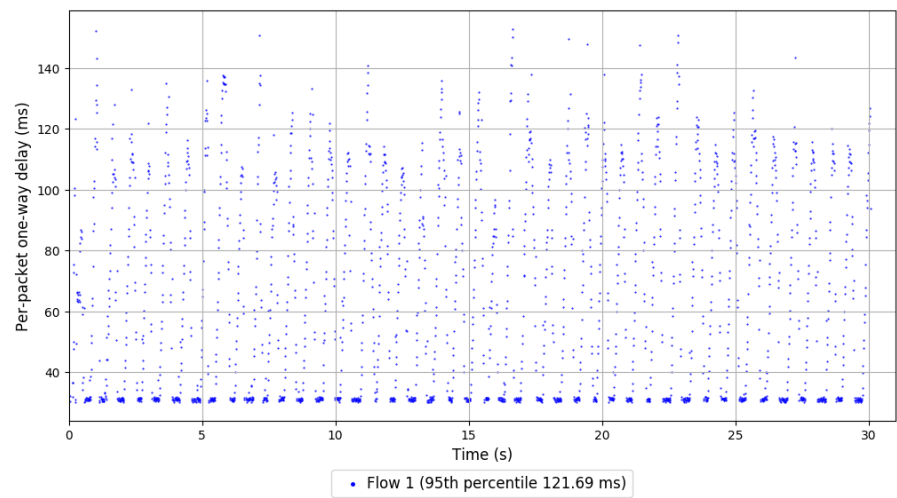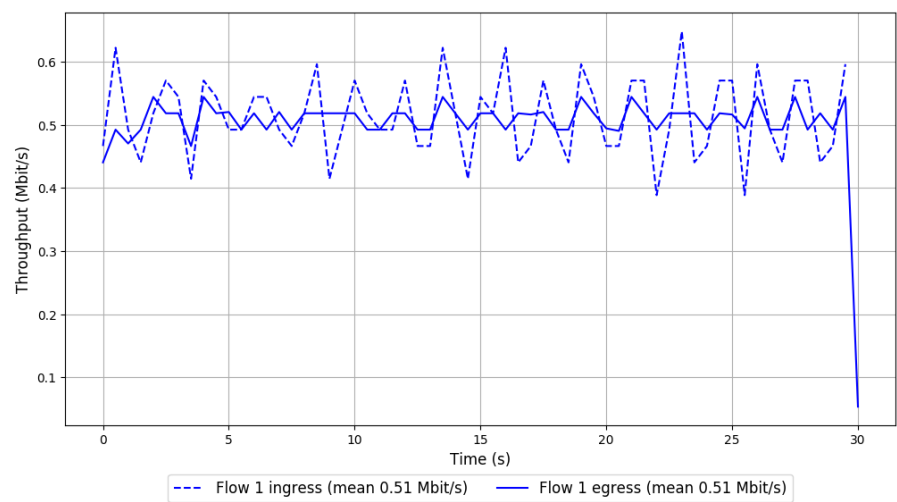
Run 8: Report of Copa — Data Link

Flow 1 ingress (mean 0.51 Mbit/s) --- Flow 1 egress (mean 0.51 Mbit/s)

· Flow 1 (95th percentile 127.18 ms)

```
Run 9: Statistics of Copa

Start at: Sun, 16 Jul 2017 21:30:21 +0000
End at: Sun, 16 Jul 2017 21:30:51 +0000
Local clock offset: 2.489 ms
Remote clock offset: 4.559 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 121.690 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 121.690 ms
Loss rate: 0.64%
```
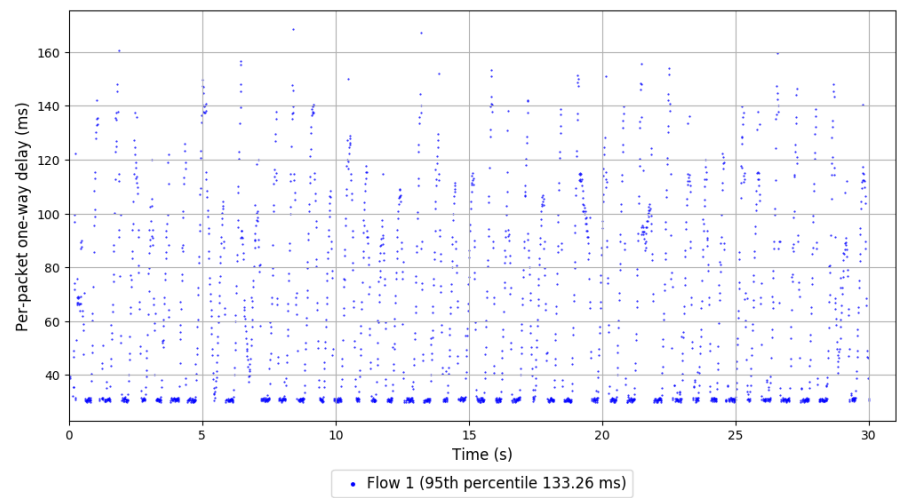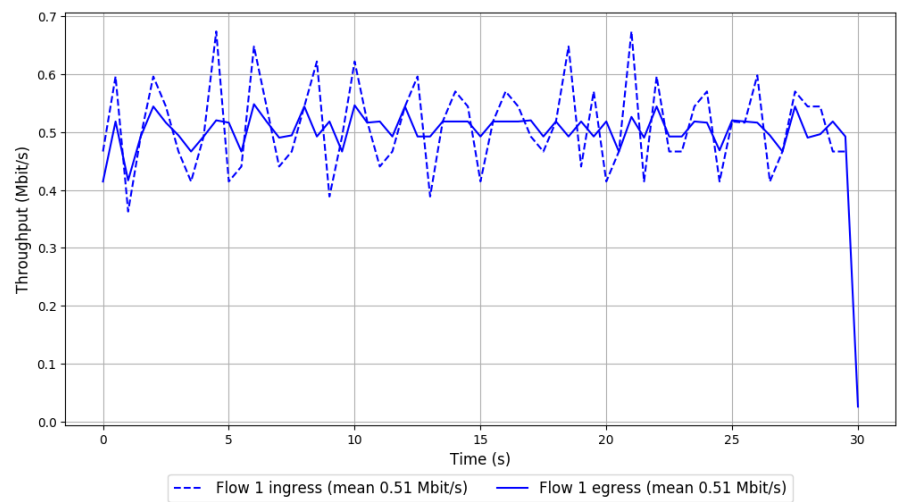
Run 9: Report of Copa — Data Link

Flow 1 ingress (mean 0.51 Mbit/s) --- Flow 1 egress (mean 0.51 Mbit/s)

• Flow 1 (95th percentile 121.69 ms)

```
Run 10: Statistics of Copa

Start at: Sun, 16 Jul 2017 21:47:26 +0000
End at: Sun, 16 Jul 2017 21:47:56 +0000
Local clock offset: -0.277 ms
Remote clock offset: 4.647 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 133.258 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 133.258 ms
Loss rate: 1.13%
```

Run 10: Report of Copa — Data Link

```
Run 1: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 19:18:00 +0000
End at: Sun, 16 Jul 2017 19:18:30 +0000
Local clock offset: -2.2 ms
Remote clock offset: 4.178 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 240.690 ms
Loss rate: 2.94%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 240.690 ms
Loss rate: 2.94%
```
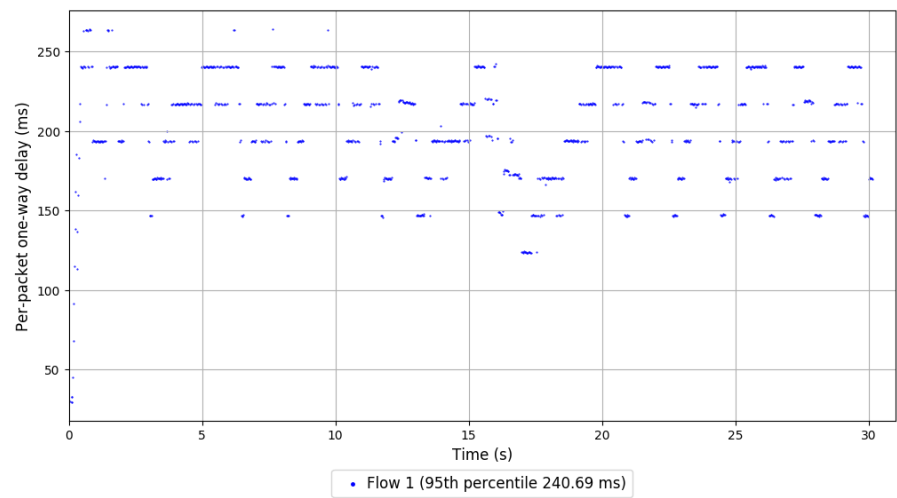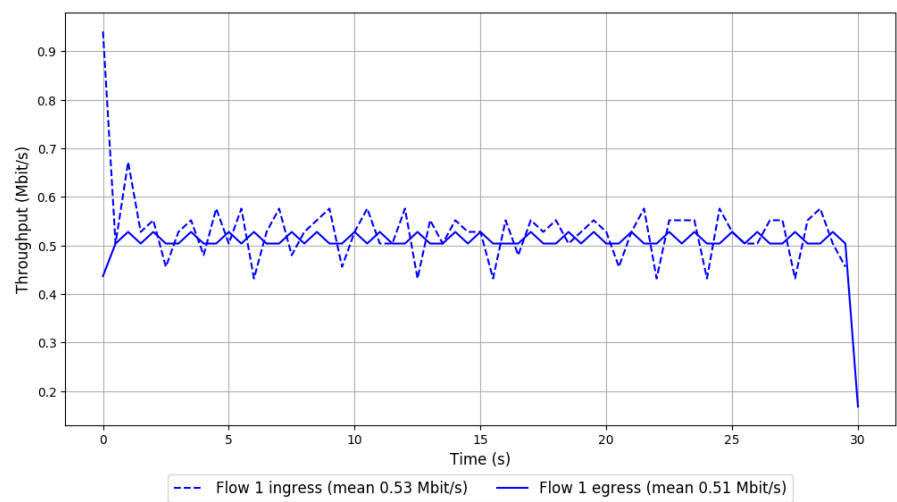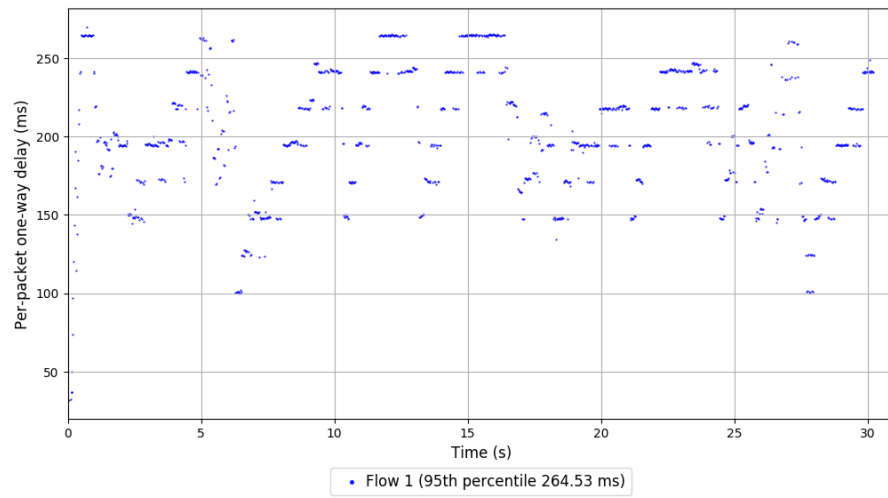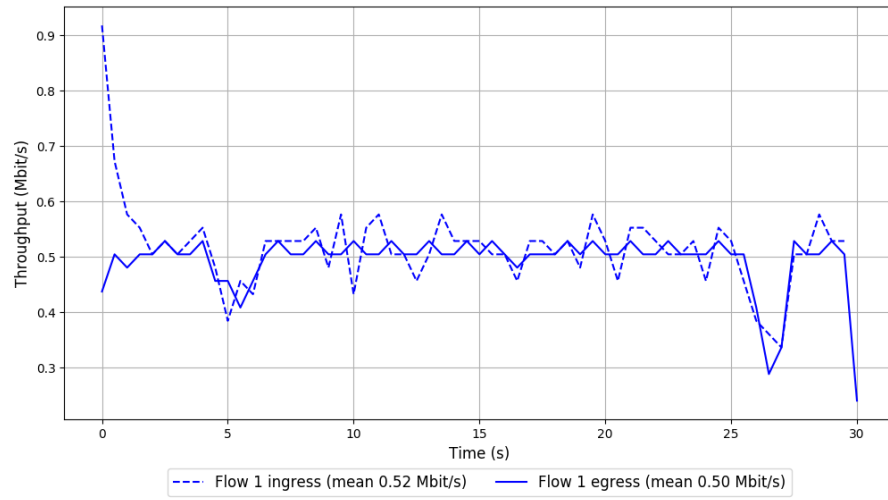
Run 1: Report of TCP Cubic — Data Link

```
Run 2: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 19:35:08 +0000
End at: Sun, 16 Jul 2017 19:35:38 +0000
Local clock offset: -6.407 ms
Remote clock offset: 1.231 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 264.530 ms
Loss rate: 3.02%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 264.530 ms
Loss rate: 3.02%
```

Run 2: Report of TCP Cubic — Data Link

```
Run 3: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 19:52:07 +0000
End at: Sun, 16 Jul 2017 19:52:37 +0000
Local clock offset: -2.027 ms
Remote clock offset: 4.335 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 263.644 ms
Loss rate: 2.50%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 263.644 ms
Loss rate: 2.50%
```
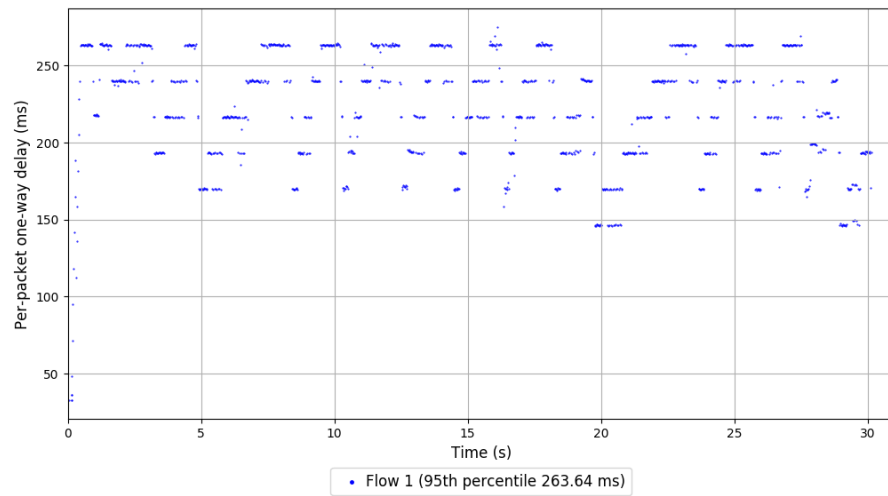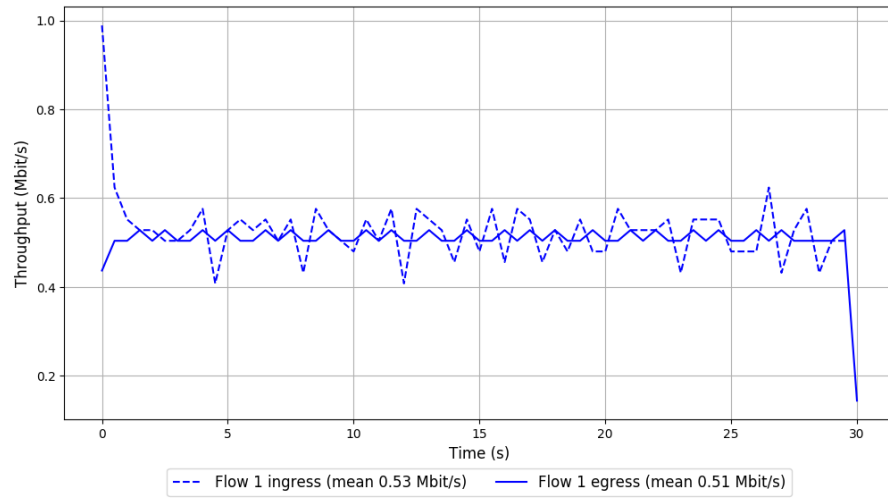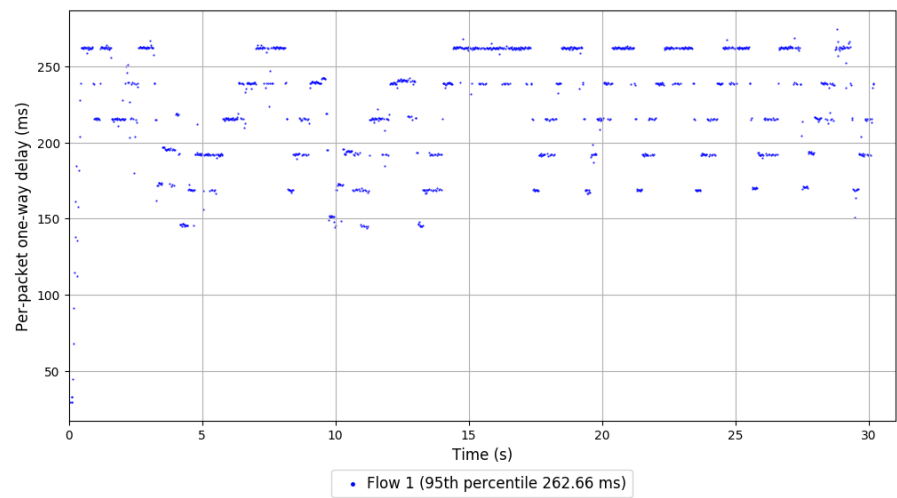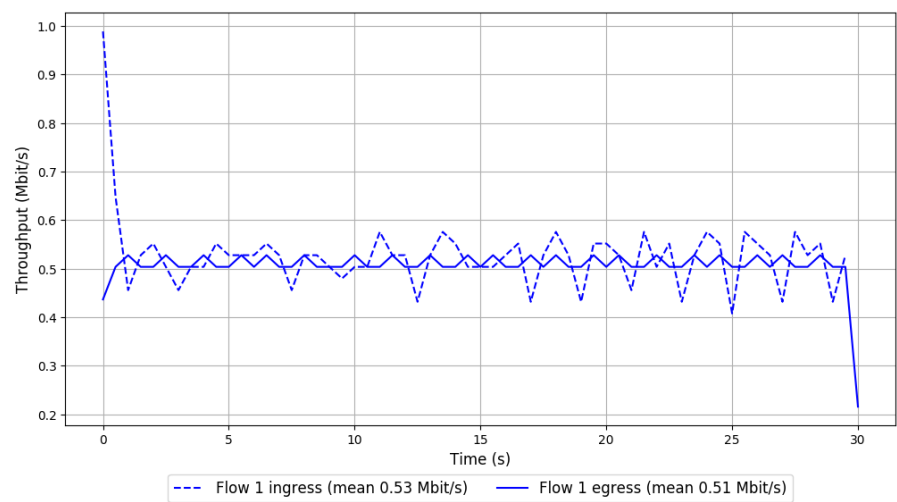
Run 3: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 0.53 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 263.64 ms)

```
Run 4: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 20:09:05 +0000
End at: Sun, 16 Jul 2017 20:09:35 +0000
Local clock offset: 0.024 ms
Remote clock offset: 3.669 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 262.656 ms
Loss rate: 2.20%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 262.656 ms
Loss rate: 2.20%
```
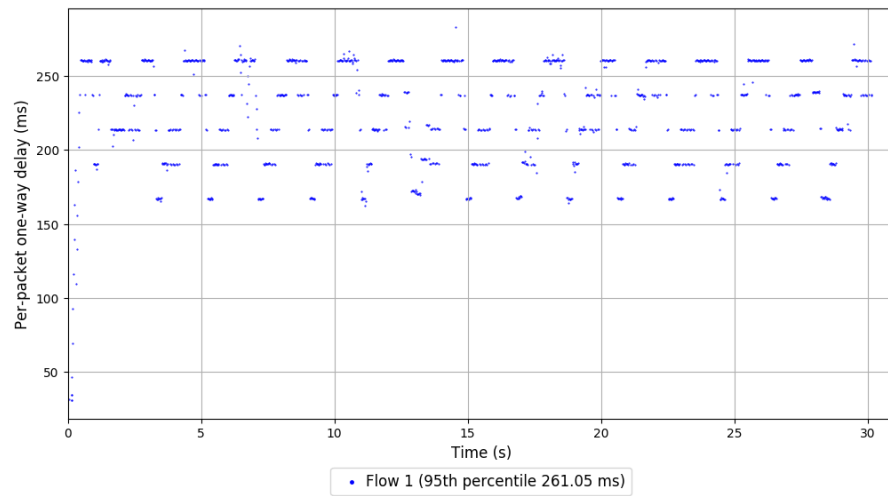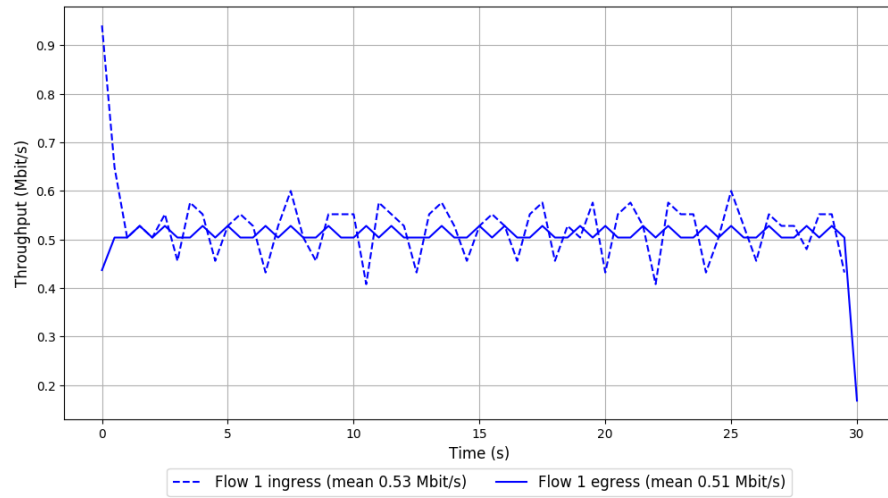
Run 4: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 0.53 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 262.66 ms)

```
Run 5: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 20:26:02 +0000
End at: Sun, 16 Jul 2017 20:26:32 +0000
Local clock offset: 1.661 ms
Remote clock offset: 4.379 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 261.047 ms
Loss rate: 2.58%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 261.047 ms
Loss rate: 2.58%
```
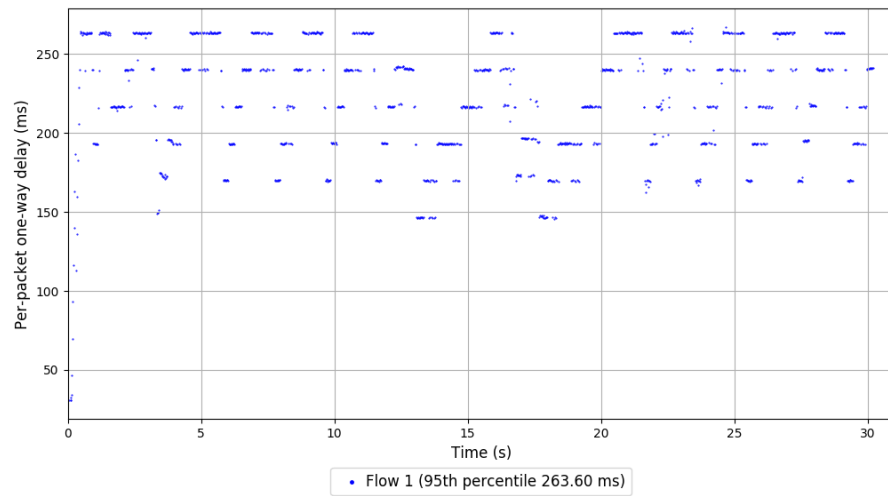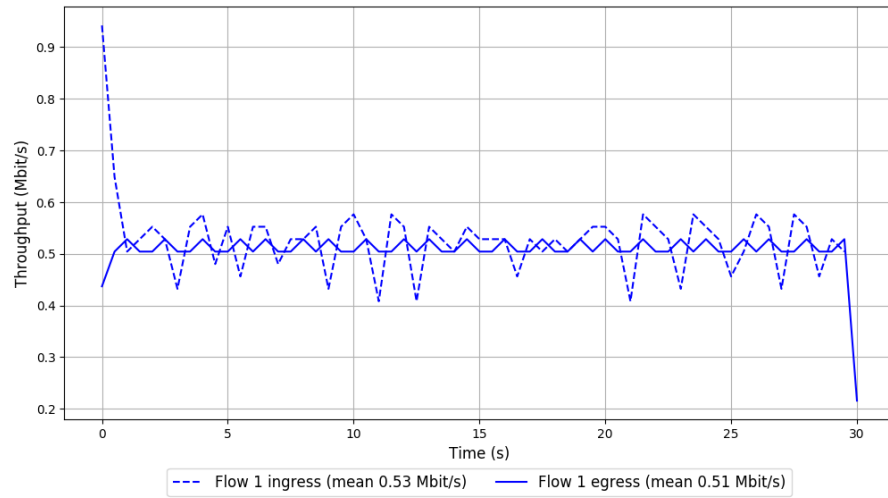
Run 5: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 0.53 Mbit/s) --- Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 261.05 ms)

```
Run 6: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 20:43:04 +0000
End at: Sun, 16 Jul 2017 20:43:34 +0000
Local clock offset: 1.39 ms
Remote clock offset: 5.589 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 263.598 ms
Loss rate: 2.35%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 263.598 ms
Loss rate: 2.35%
```
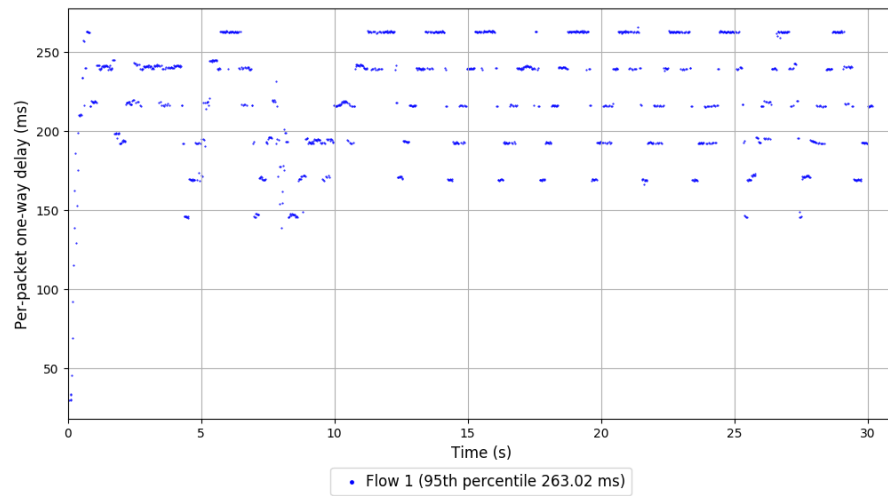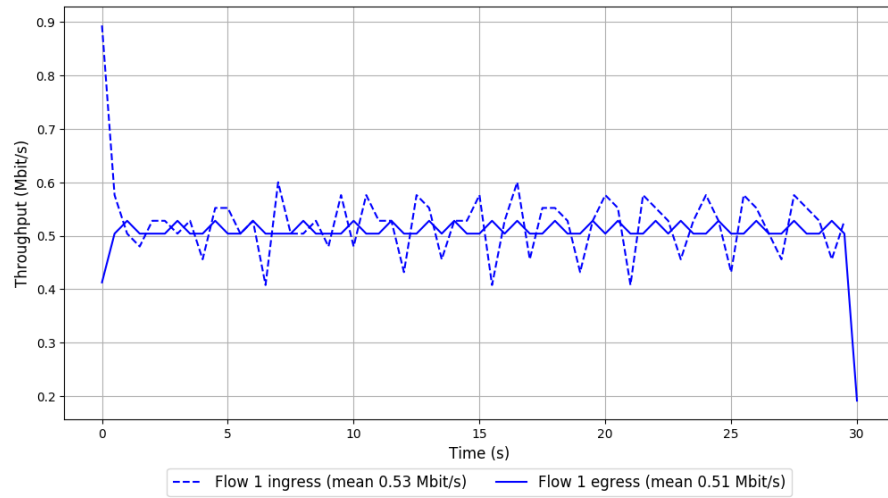
Run 6: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 0.53 Mbit/s) --- Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 263.60 ms)

```
Run 7: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 21:00:02 +0000
End at: Sun, 16 Jul 2017 21:00:32 +0000
Local clock offset: -0.493 ms
Remote clock offset: 3.255 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 263.024 ms
Loss rate: 2.21%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 263.024 ms
Loss rate: 2.21%
```
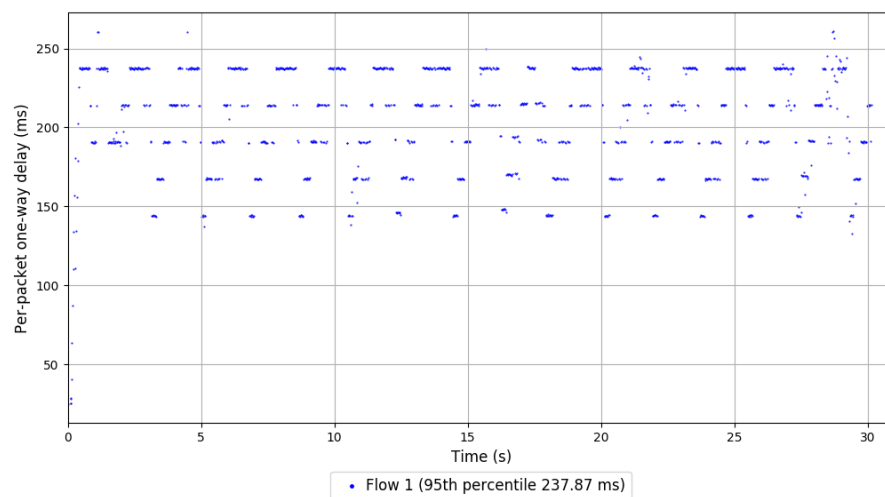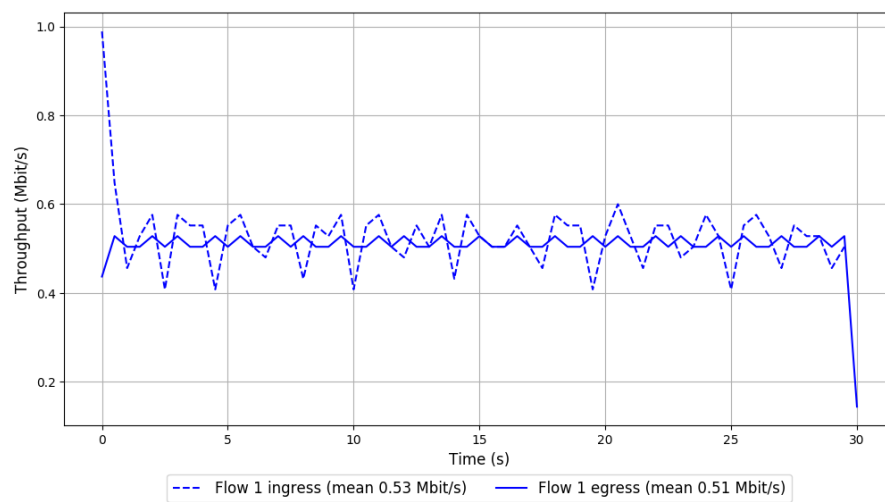
Run 7: Report of TCP Cubic — Data Link

```
Run 8: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 21:17:00 +0000
End at: Sun, 16 Jul 2017 21:17:30 +0000
Local clock offset: 2.843 ms
Remote clock offset: 3.226 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 237.865 ms
Loss rate: 2.58%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 237.865 ms
Loss rate: 2.58%
```
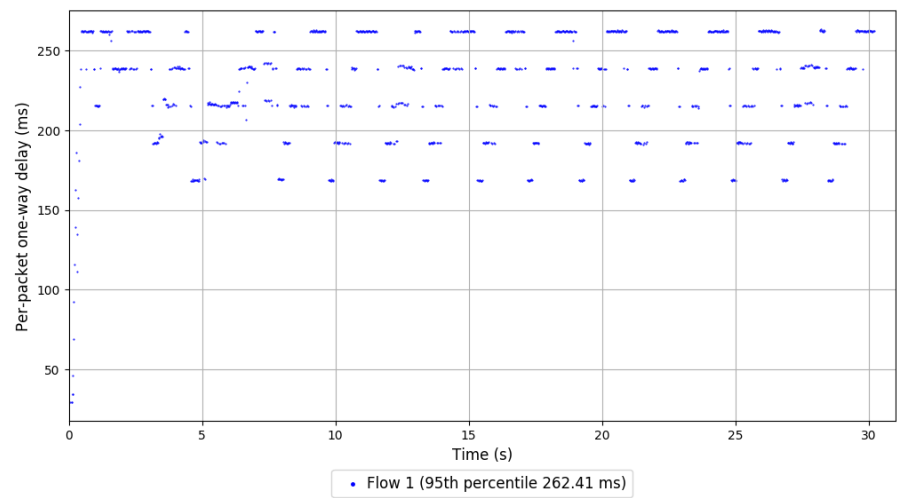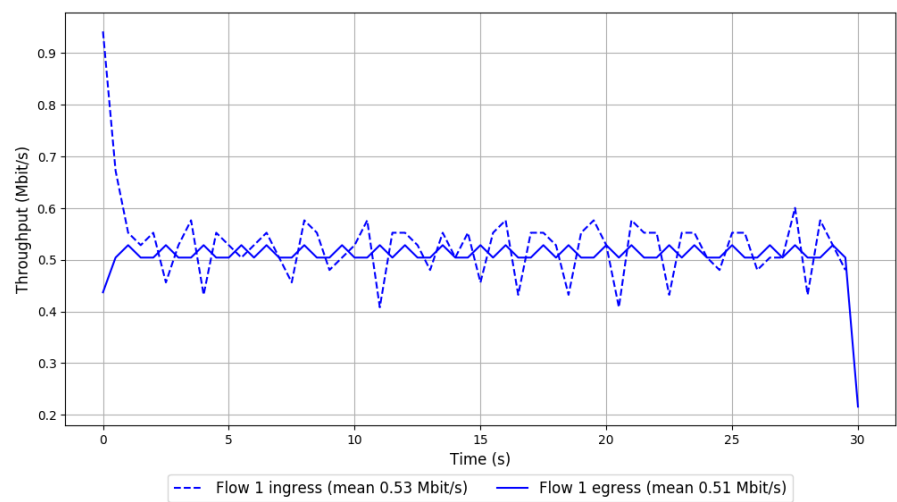
Run 8: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 0.53 Mbit/s) --- Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 237.87 ms)

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```
Run 9: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 21:34:01 +0000
End at: Sun, 16 Jul 2017 21:34:31 +0000
Local clock offset: 2.042 ms
Remote clock offset: 4.614 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 262.410 ms
Loss rate: 2.65%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 262.410 ms
Loss rate: 2.65%
```
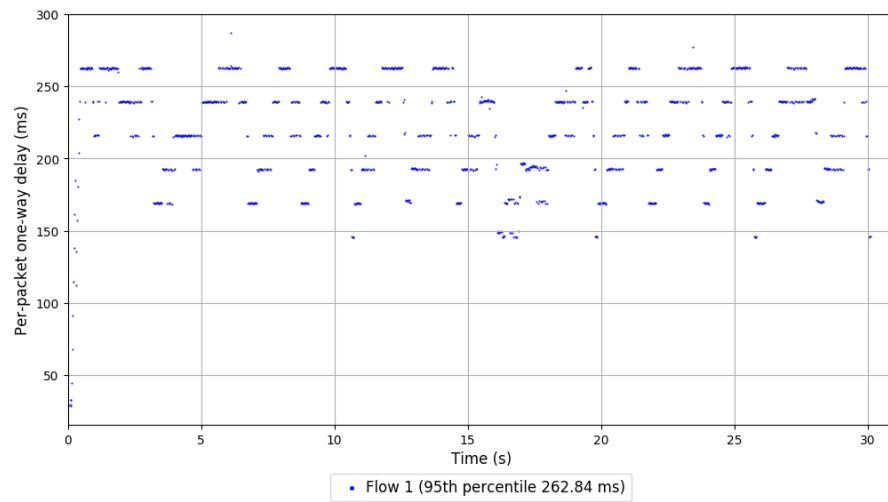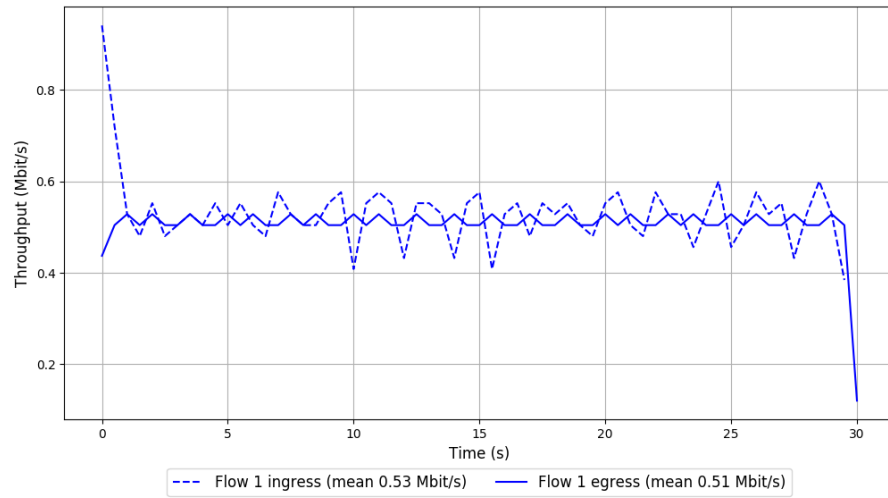
Run 9: Report of TCP Cubic — Data Link

```
Run 10: Statistics of TCP Cubic

Start at: Sun, 16 Jul 2017 21:51:06 +0000
End at: Sun, 16 Jul 2017 21:51:36 +0000
Local clock offset: 1.556 ms
Remote clock offset: 3.554 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 262.837 ms
Loss rate: 3.02%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 262.837 ms
Loss rate: 3.02%
```
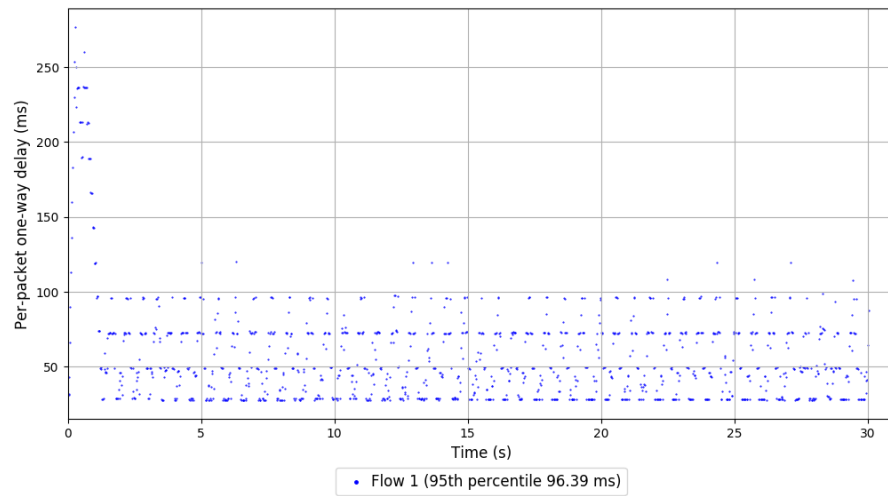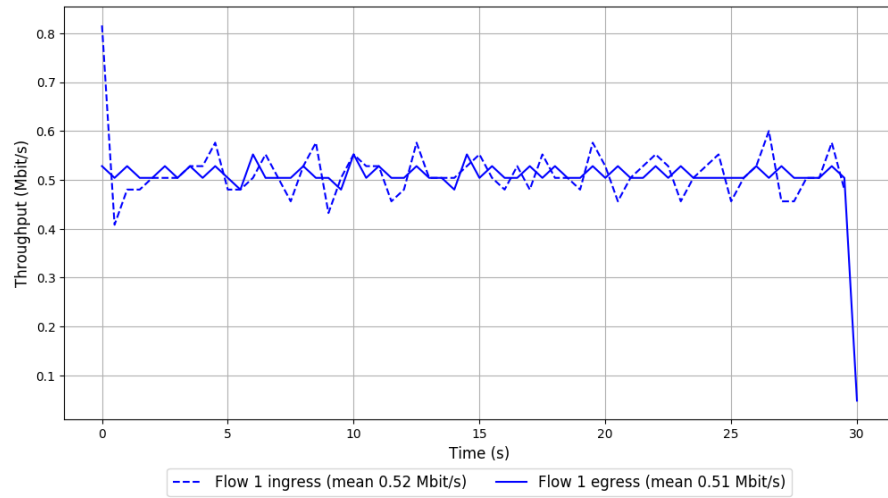
Run 10: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 0.53 Mbit/s) ---- Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 262.84 ms)

```
Run 1: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 19:16:47 +0000
End at: Sun, 16 Jul 2017 19:17:17 +0000
Local clock offset: 1.502 ms
Remote clock offset: 3.752 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 96.389 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 96.389 ms
Loss rate: 0.23%
```

Run 1: Report of KohoCC — Data Link

```
Run 2: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 19:33:56 +0000
End at: Sun, 16 Jul 2017 19:34:26 +0000
Local clock offset: 0.99 ms
Remote clock offset: 4.573 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 167.949 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 167.949 ms
Loss rate: 1.10%
```
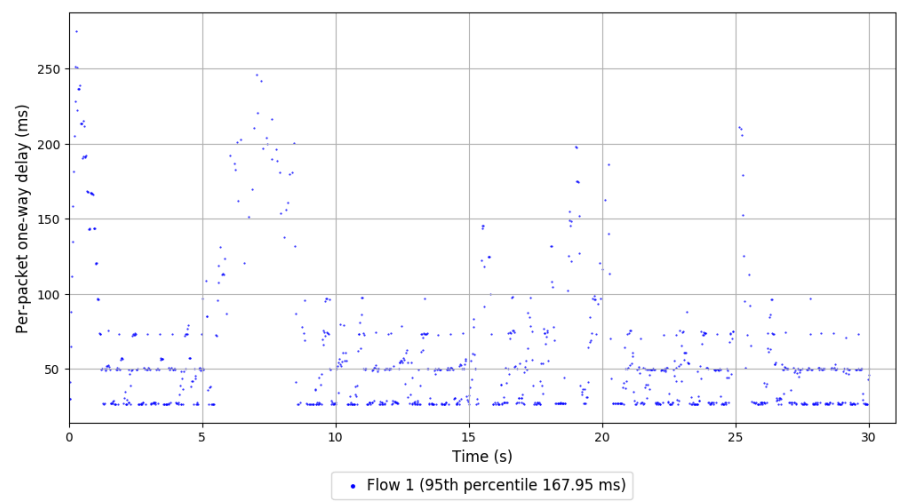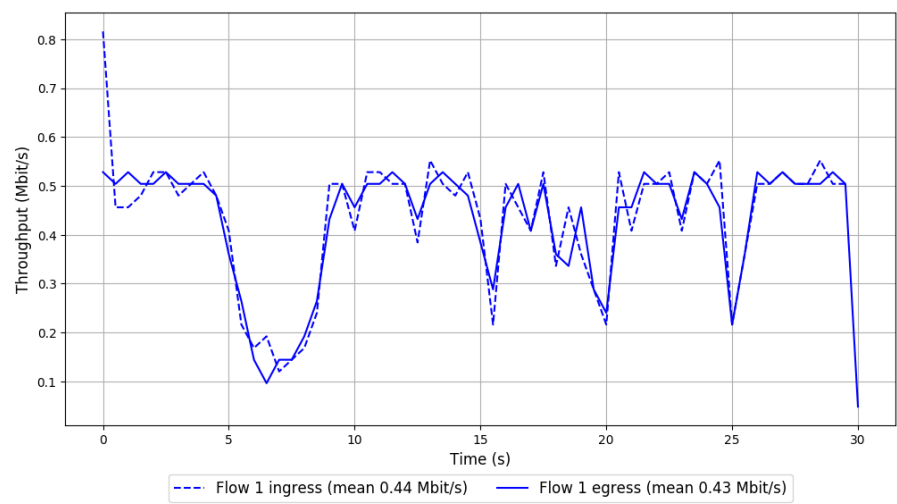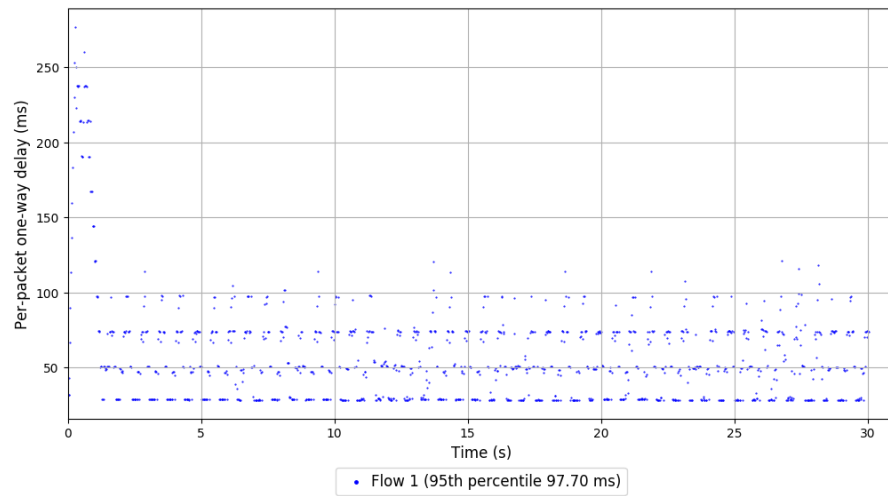
Run 2: Report of KohoCC — Data Link

```
Run 3: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 19:50:55 +0000
End at: Sun, 16 Jul 2017 19:51:25 +0000
Local clock offset: 0.436 ms
Remote clock offset: 3.512 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 97.702 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 97.702 ms
Loss rate: 0.23%
```
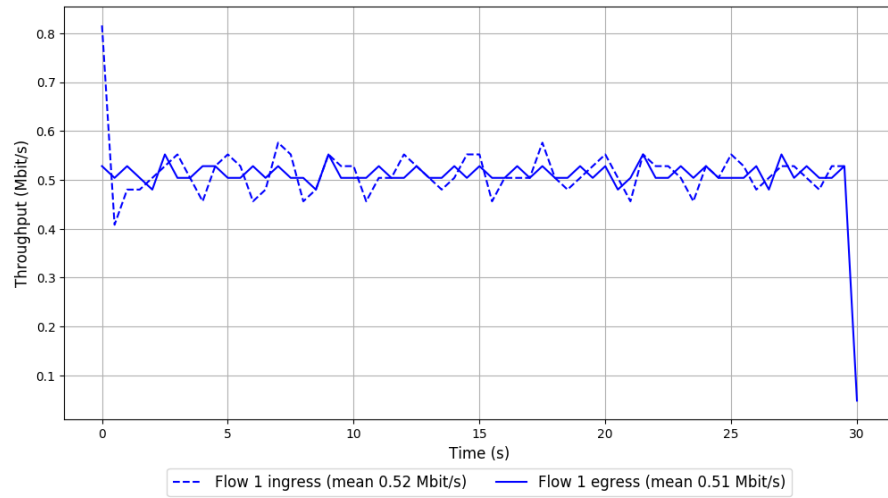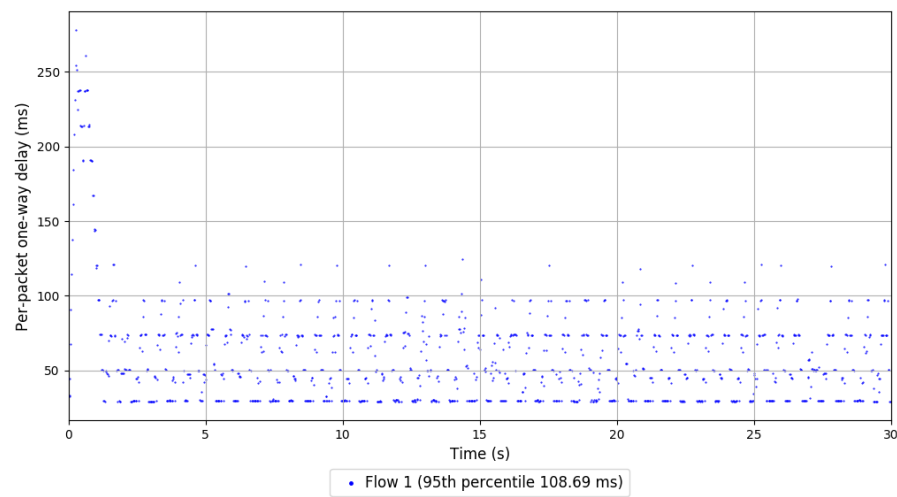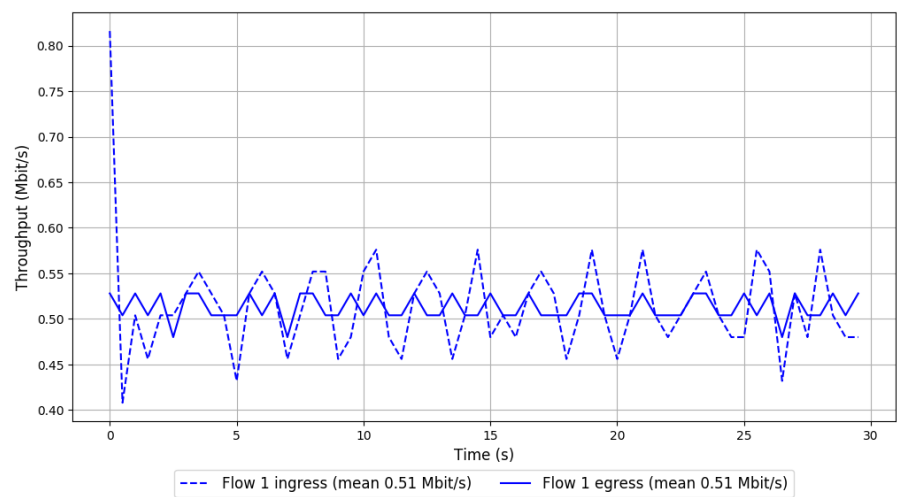
Run 3: Report of KohoCC — Data Link

```
Run 4: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 20:07:53 +0000
End at: Sun, 16 Jul 2017 20:08:23 +0000
Local clock offset: 0.495 ms
Remote clock offset: 3.861 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 108.689 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 108.689 ms
Loss rate: 0.23%
```
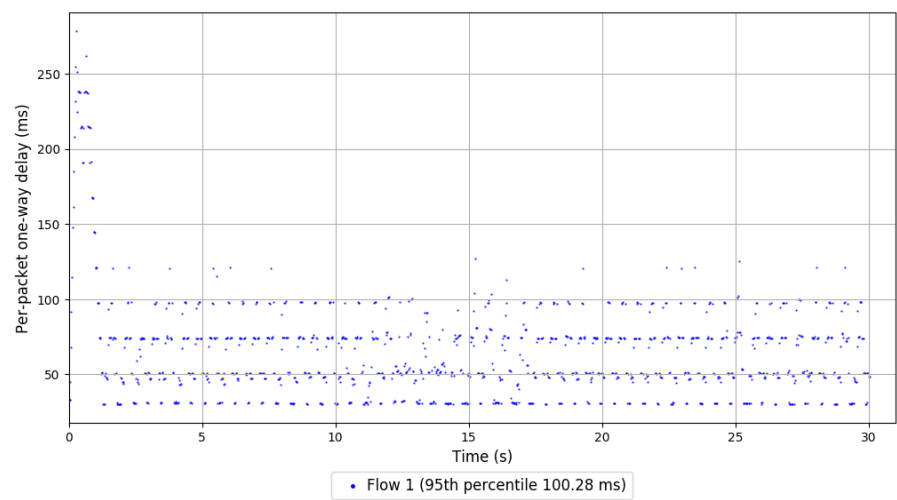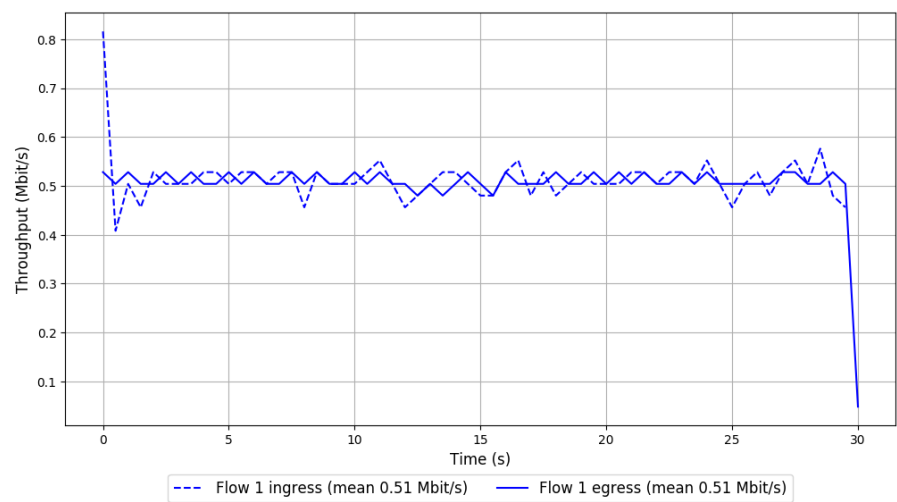
Run 4: Report of KohoCC — Data Link

```
Run 5: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 20:24:49 +0000
End at: Sun, 16 Jul 2017 20:25:19 +0000
Local clock offset: 1.727 ms
Remote clock offset: 4.771 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 100.285 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 100.285 ms
Loss rate: 0.23%
```
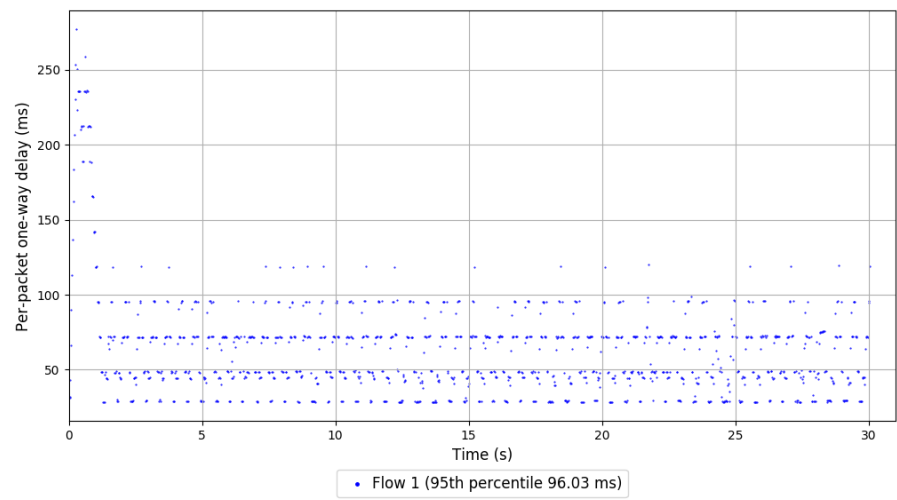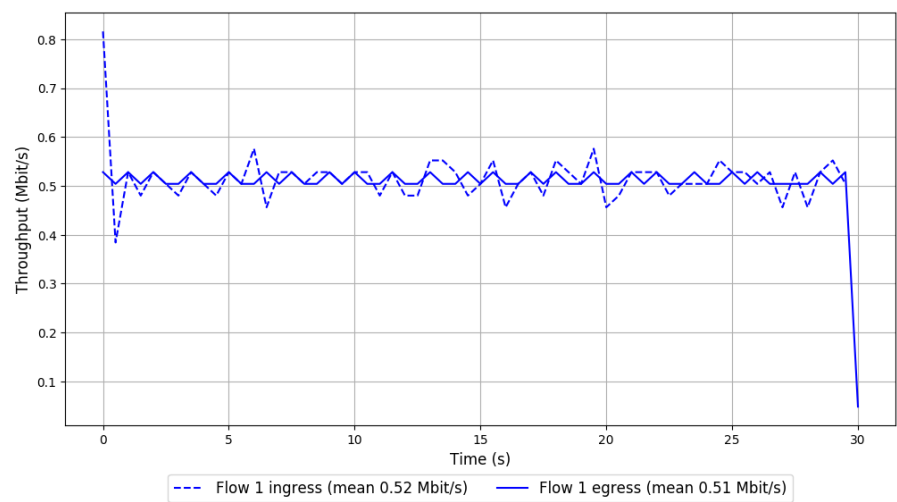
Run 5: Report of KohoCC — Data Link

```
Run 6: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 20:41:52 +0000
End at: Sun, 16 Jul 2017 20:42:22 +0000
Local clock offset: 2.975 ms
Remote clock offset: 3.532 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 96.031 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 96.031 ms
Loss rate: 0.23%
```
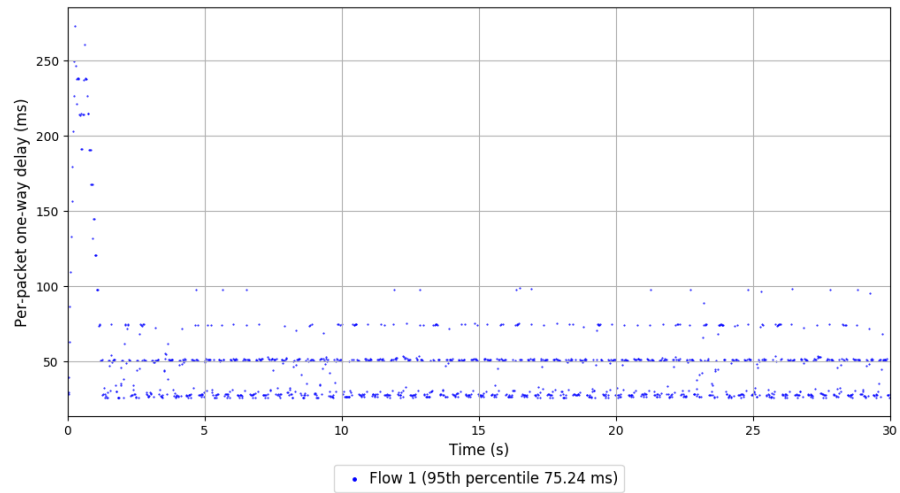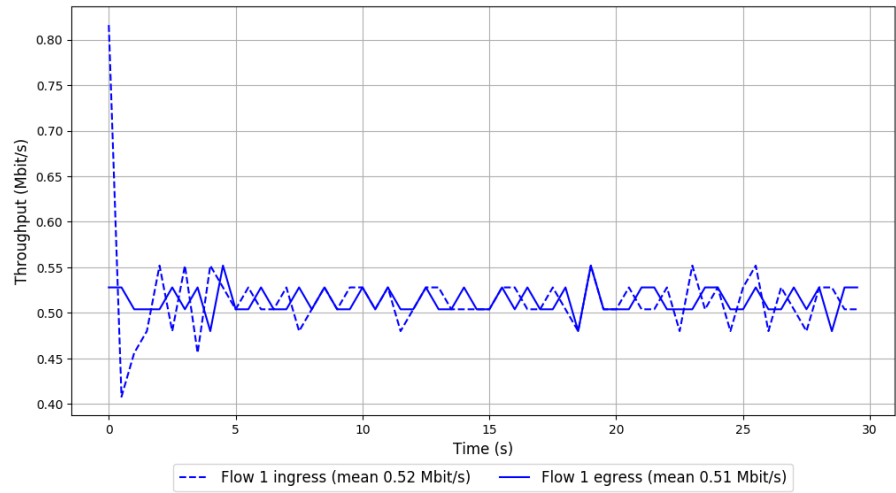
Run 6: Report of KohoCC — Data Link

```
Run 7: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 20:58:50 +0000
End at: Sun, 16 Jul 2017 20:59:20 +0000
Local clock offset: 1.072 ms
Remote clock offset: 2.855 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 75.236 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 75.236 ms
Loss rate: 0.23%
```
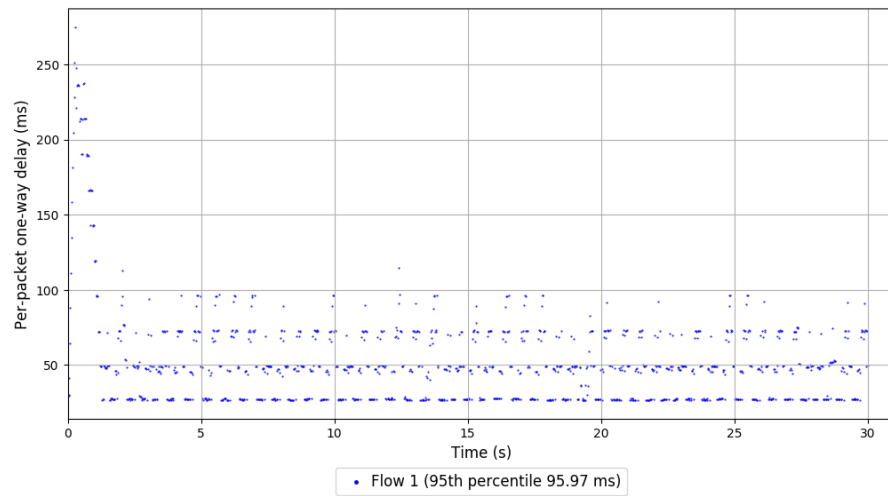
Run 7: Report of KohoCC — Data Link

```
Run 8: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 21:15:47 +0000
End at: Sun, 16 Jul 2017 21:16:17 +0000
Local clock offset: 2.646 ms
Remote clock offset: 3.121 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 95.966 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 95.966 ms
Loss rate: 0.31%
```
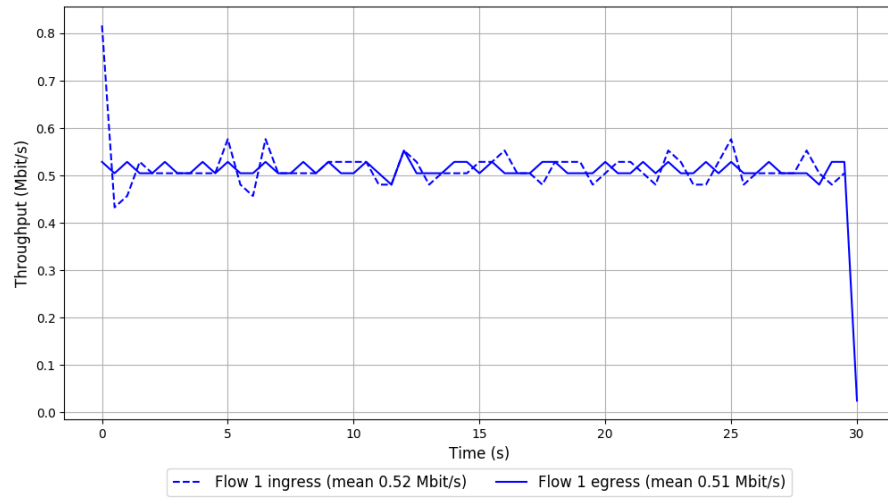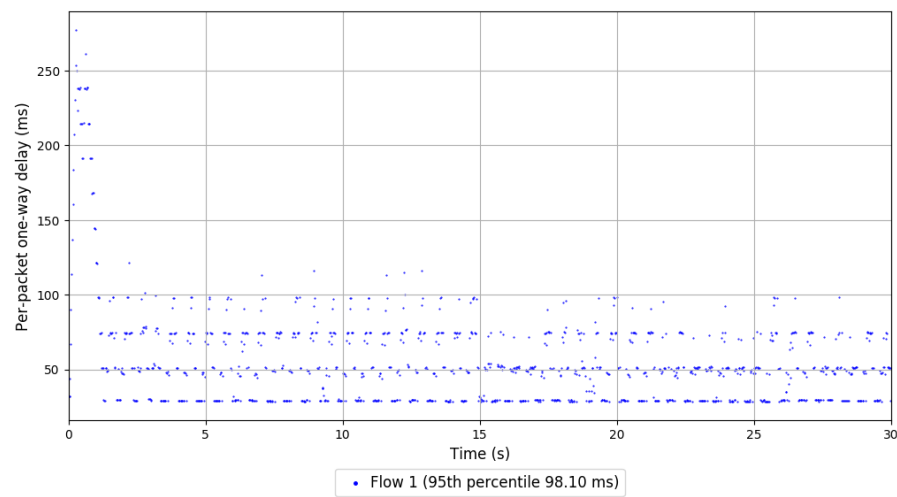
Run 8: Report of KohoCC — Data Link

```
Run 9: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 21:32:48 +0000
End at: Sun, 16 Jul 2017 21:33:18 +0000
Local clock offset: 1.894 ms
Remote clock offset: 3.48 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 98.097 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 98.097 ms
Loss rate: 0.23%
```
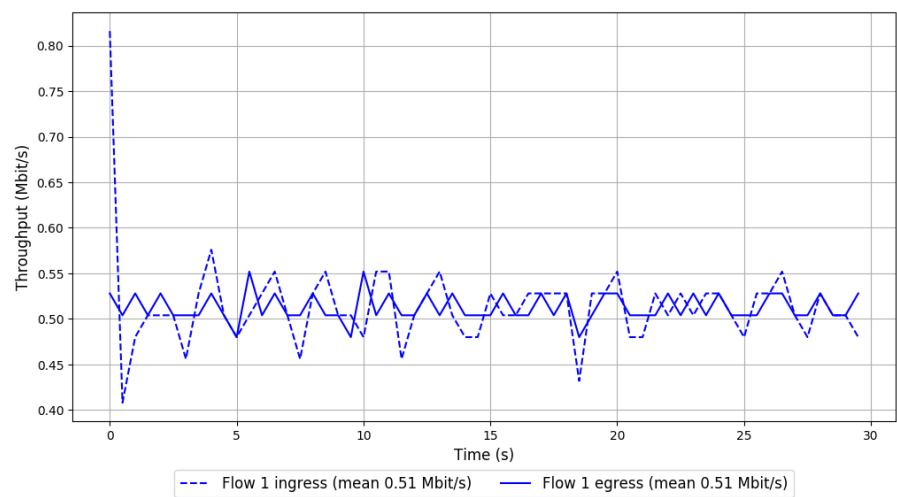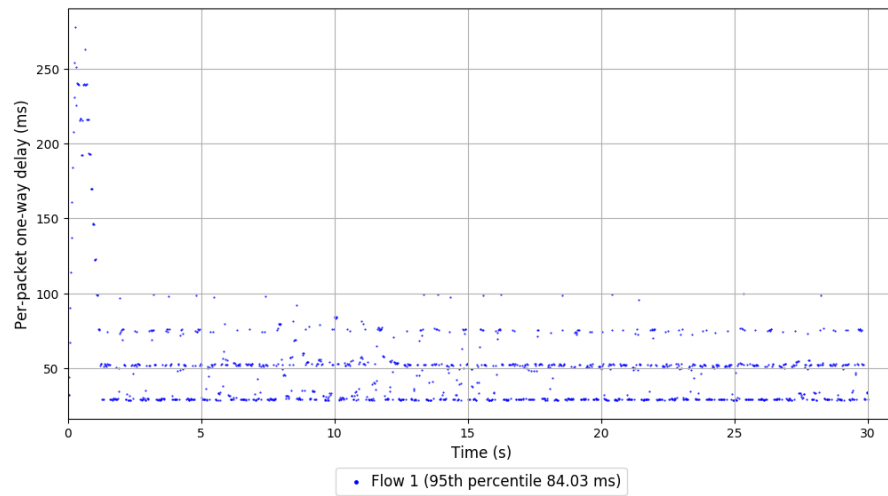
Run 9: Report of KohoCC — Data Link

```
Run 10: Statistics of KohoCC

Start at: Sun, 16 Jul 2017 21:49:53 +0000
End at: Sun, 16 Jul 2017 21:50:23 +0000
Local clock offset: 1.261 ms
Remote clock offset: 4.381 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 84.026 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 84.026 ms
Loss rate: 0.23%
```
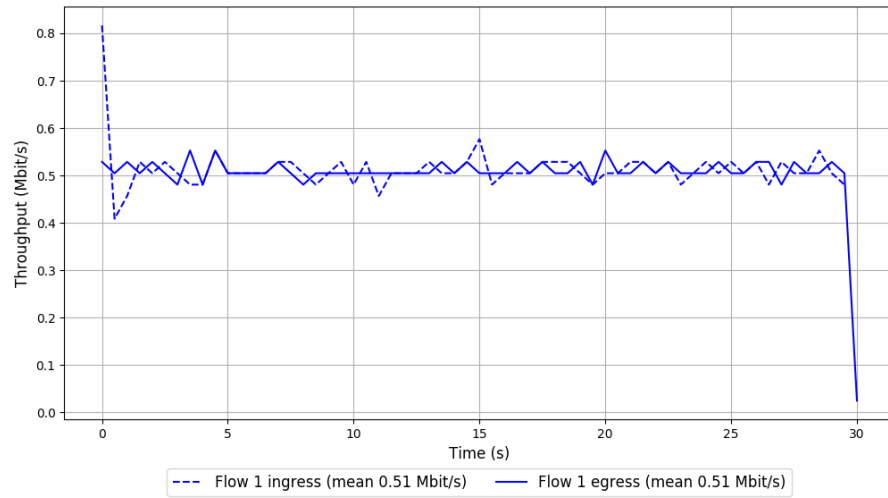
Run 10: Report of KohoCC — Data Link

Flow 1 ingress (mean 0.51 Mbit/s) --- Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 84.03 ms)

```
Run 1: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 19:24:04 +0000
End at: Sun, 16 Jul 2017 19:24:34 +0000
Local clock offset: -2.903 ms
Remote clock offset: 5.271 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 144.656 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 144.656 ms
Loss rate: 0.00%
```
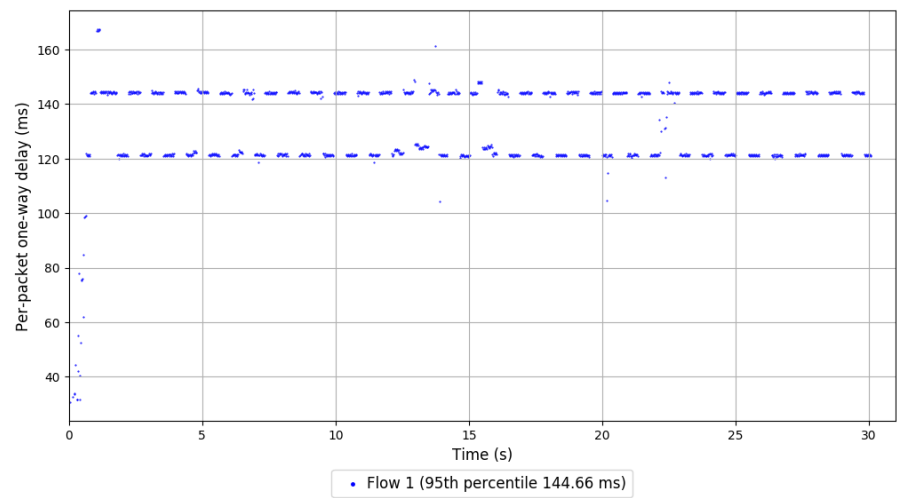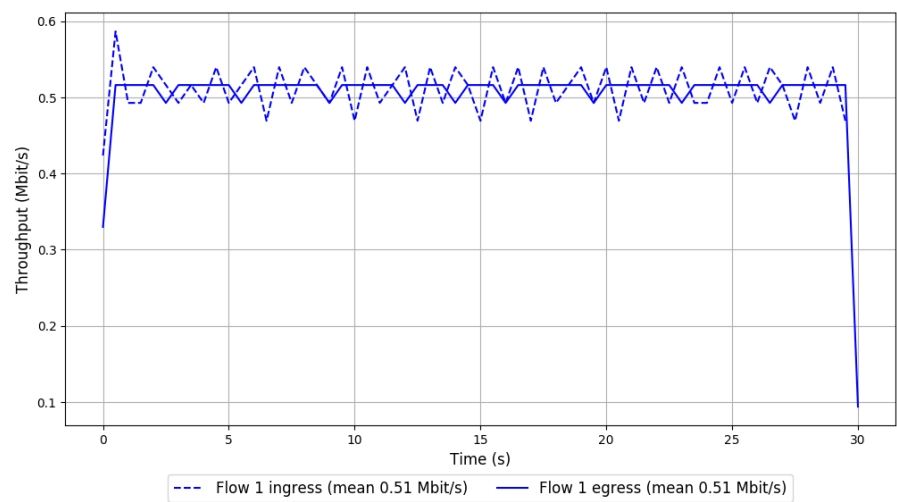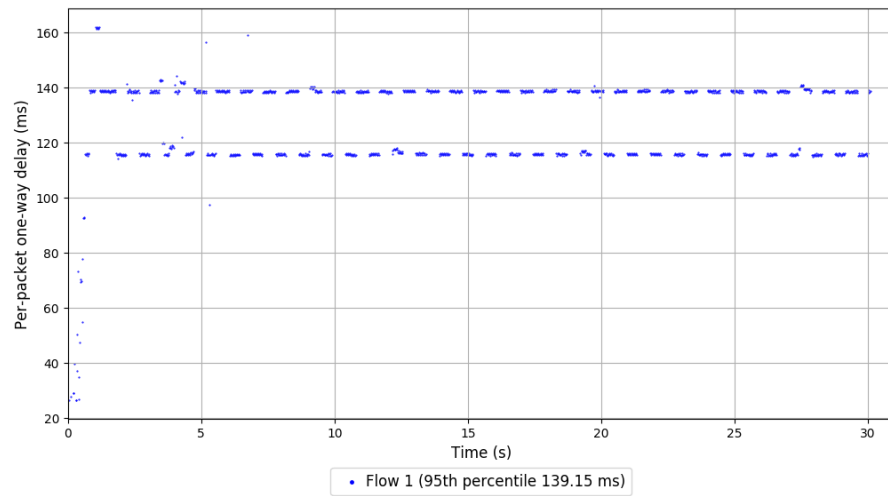
Run 1: Report of LEDBAT — Data Link

Flow 1 ingress (mean 0.51 Mbit/s) --- Flow 1 egress (mean 0.51 Mbit/s)

• Flow 1 (95th percentile 144.66 ms)

```
Run 2: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 19:41:14 +0000
End at: Sun, 16 Jul 2017 19:41:44 +0000
Local clock offset: 1.19 ms
Remote clock offset: 4.744 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 139.154 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 139.154 ms
Loss rate: 0.00%
```
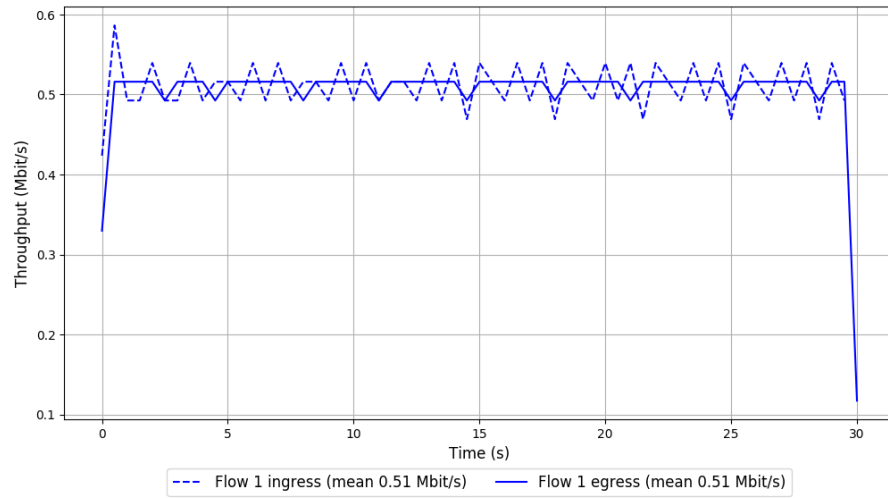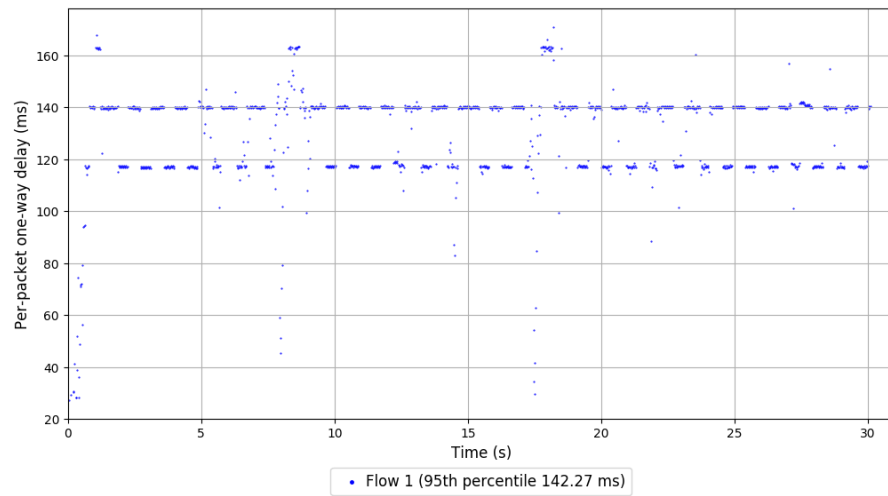
Run 2: Report of LEDBAT — Data Link

```
Run 3: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 19:58:10 +0000
End at: Sun, 16 Jul 2017 19:58:40 +0000
Local clock offset: 0.978 ms
Remote clock offset: 4.887 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 142.268 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 142.268 ms
Loss rate: 0.00%
```
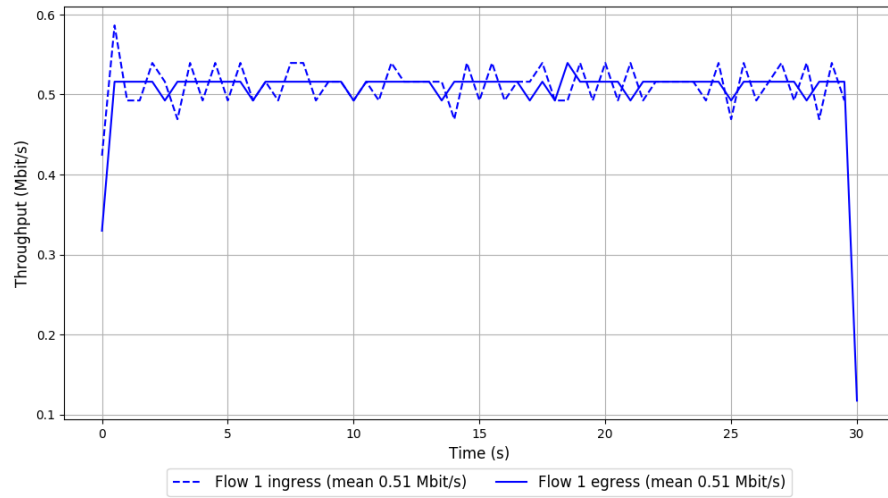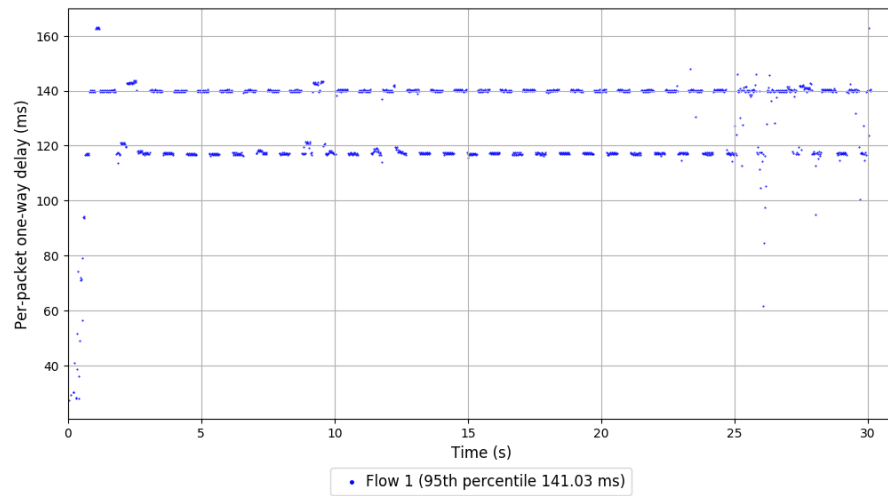
Run 3: Report of LEDBAT — Data Link

Flow 1 ingress (mean 0.51 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 142.27 ms)

```
Run 4: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 20:15:08 +0000
End at: Sun, 16 Jul 2017 20:15:38 +0000
Local clock offset: 0.671 ms
Remote clock offset: 4.024 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 141.029 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 141.029 ms
Loss rate: 0.00%
```
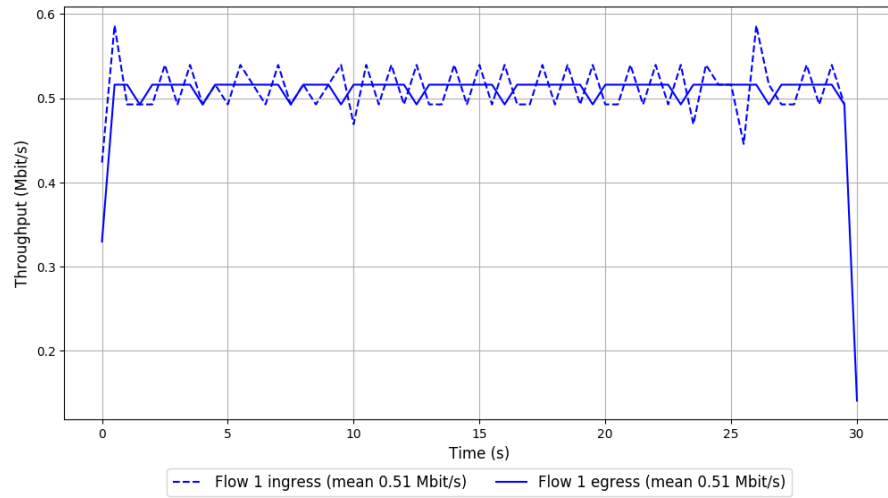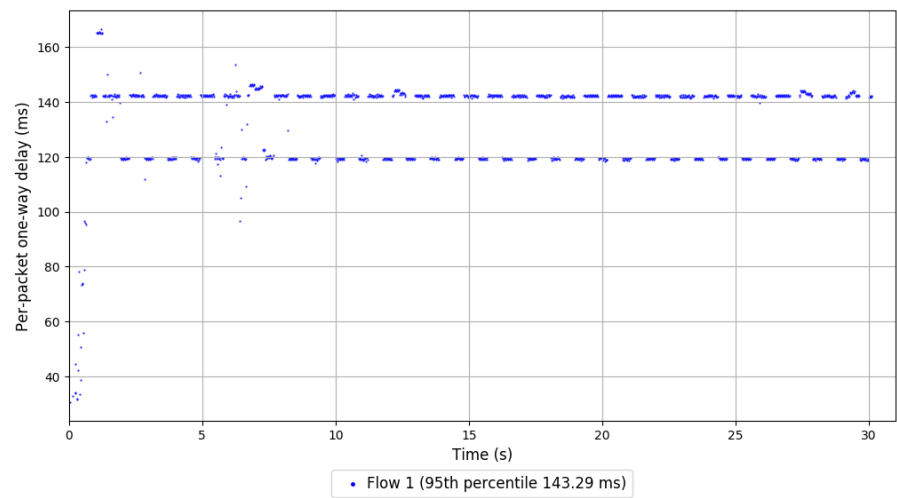
Run 4: Report of LEDBAT — Data Link

```
Run 5: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 20:32:09 +0000
End at: Sun, 16 Jul 2017 20:32:39 +0000
Local clock offset: -1.52 ms
Remote clock offset: 3.43 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 143.294 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 143.294 ms
Loss rate: 0.00%
```
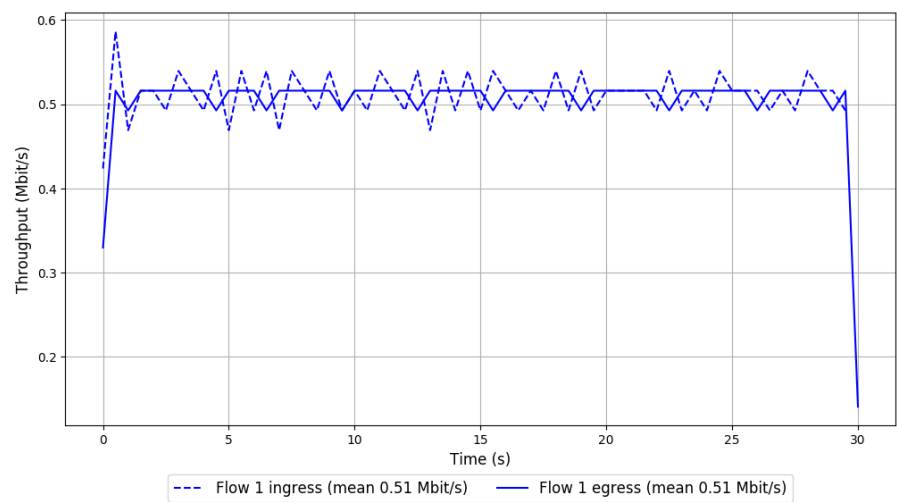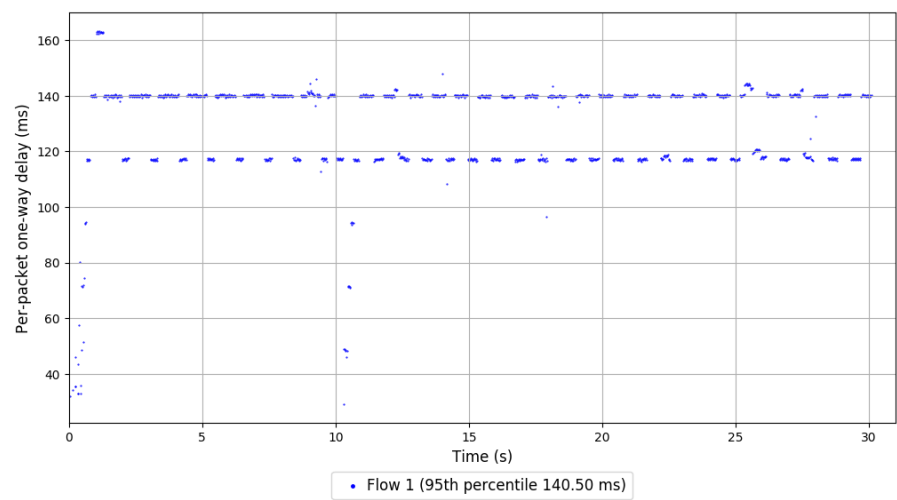
Run 5: Report of LEDBAT — Data Link

Flow 1 ingress (mean 0.51 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 143.29 ms)

```
Run 6: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 20:49:07 +0000
End at: Sun, 16 Jul 2017 20:49:37 +0000
Local clock offset: -3.552 ms
Remote clock offset: -1.244 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 140.503 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 140.503 ms
Loss rate: 0.08%
```
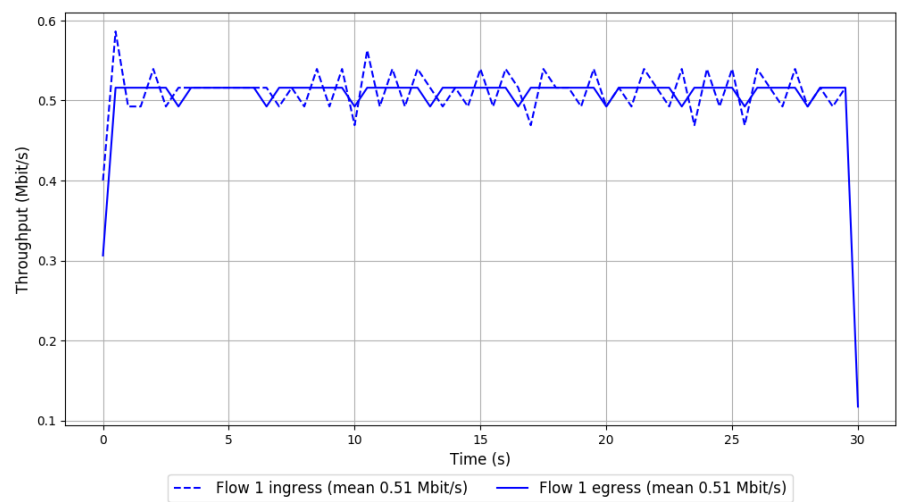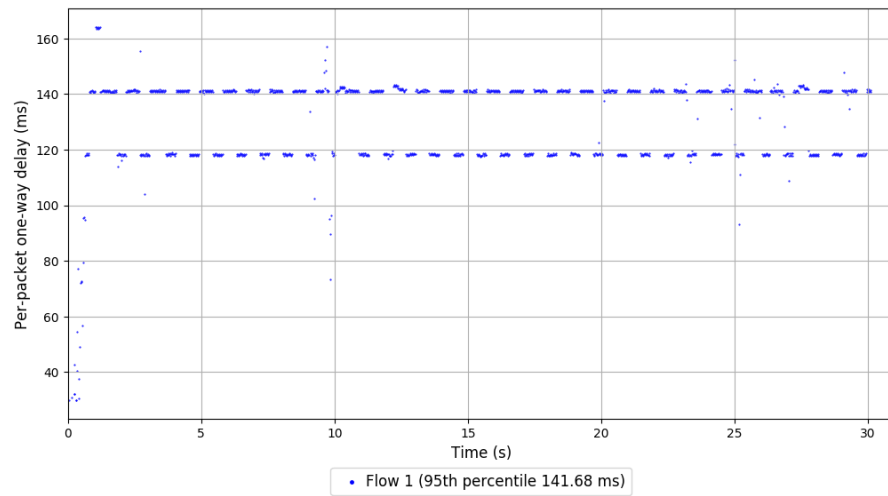
Run 6: Report of LEDBAT — Data Link

```
Run 7: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 21:06:07 +0000
End at: Sun, 16 Jul 2017 21:06:37 +0000
Local clock offset: 0.75 ms
Remote clock offset: 3.704 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 141.676 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 141.676 ms
Loss rate: 0.00%
```
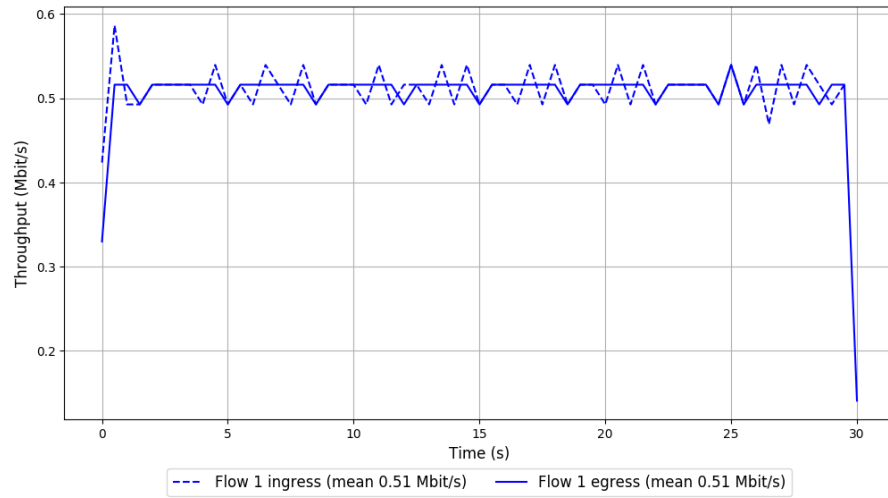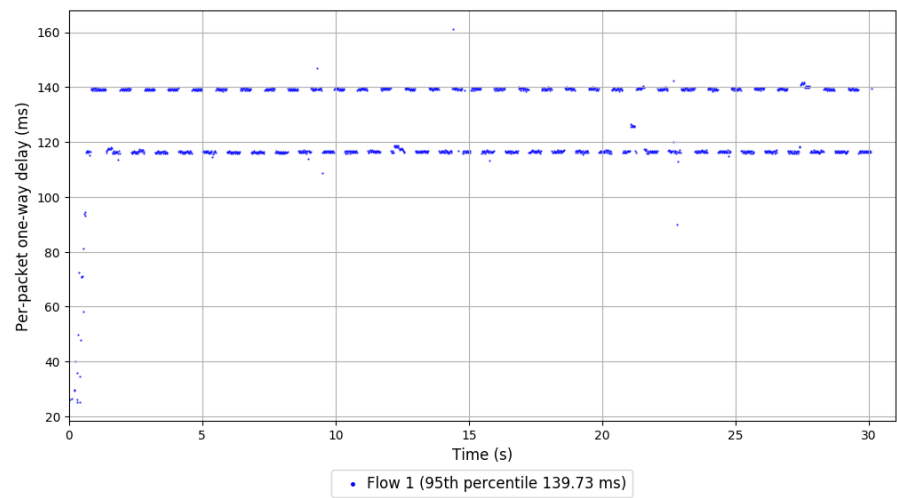
Run 7: Report of LEDBAT — Data Link

Flow 1 ingress (mean 0.51 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 141.68 ms)

```
Run 8: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 21:23:05 +0000
End at: Sun, 16 Jul 2017 21:23:35 +0000
Local clock offset: 2.541 ms
Remote clock offset: 3.282 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 139.727 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 139.727 ms
Loss rate: 0.00%
```
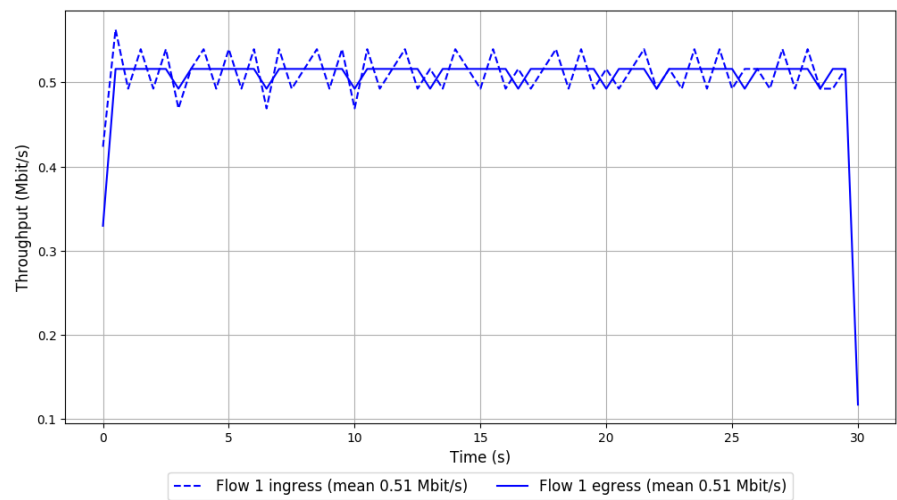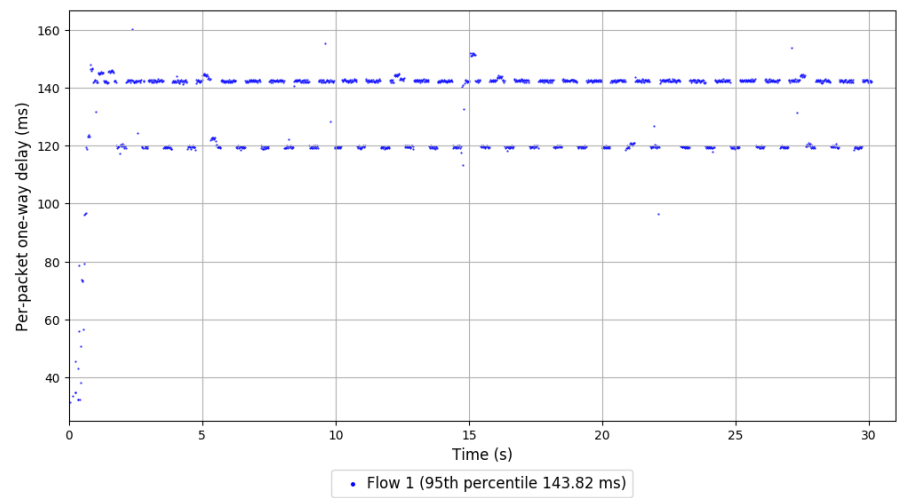
Run 8: Report of LEDBAT — Data Link

```
Run 9: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 21:40:10 +0000
End at: Sun, 16 Jul 2017 21:40:40 +0000
Local clock offset: -1.019 ms
Remote clock offset: 3.296 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 143.818 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 143.818 ms
Loss rate: 0.00%
```
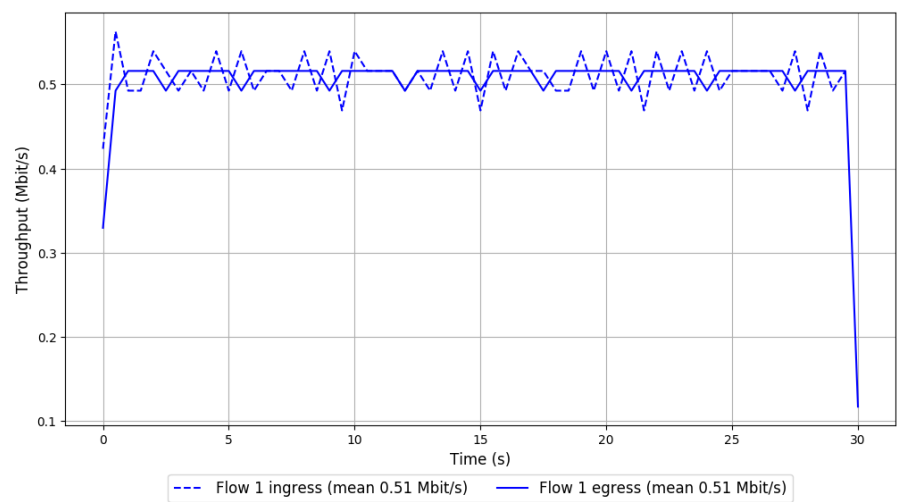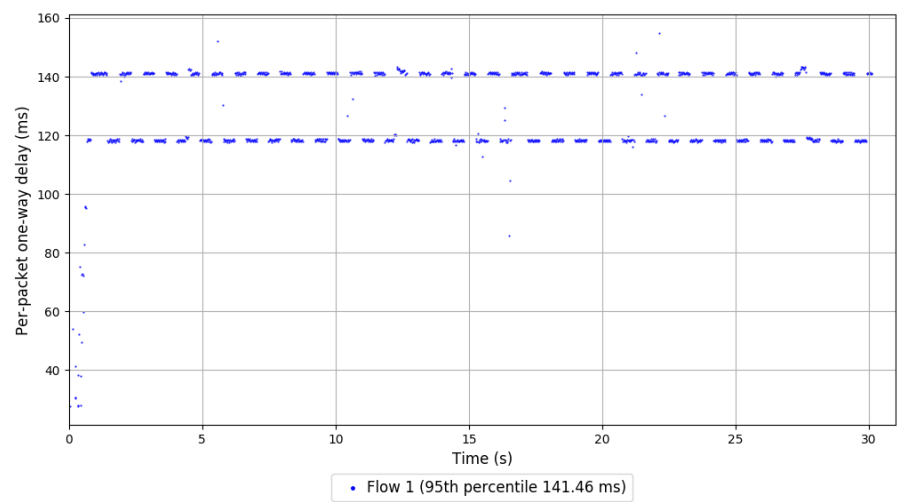
Run 9: Report of LEDBAT — Data Link

```
Run 10: Statistics of LEDBAT

Start at: Sun, 16 Jul 2017 21:57:07 +0000
End at: Sun, 16 Jul 2017 21:57:37 +0000
Local clock offset: 2.114 ms
Remote clock offset: 4.195 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 141.456 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 141.456 ms
Loss rate: 0.00%
```
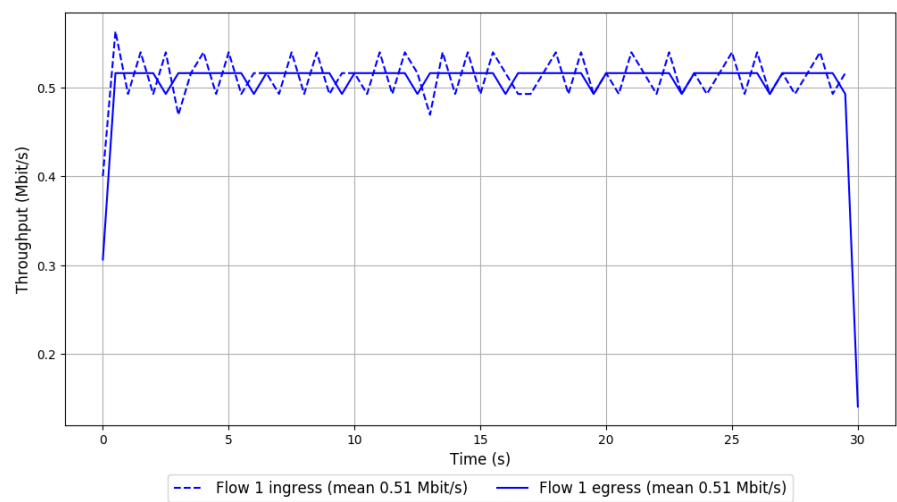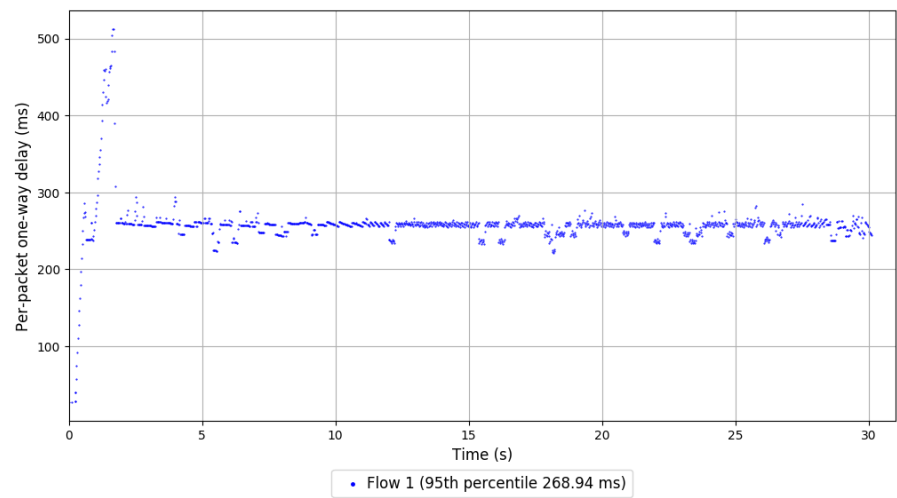
Run 10: Report of LEDBAT — Data Link

Flow 1 ingress (mean 0.51 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 141.46 ms)

```
Run 1: Statistics of PCC

Start at: Sun, 16 Jul 2017 19:19:13 +0000
End at: Sun, 16 Jul 2017 19:19:43 +0000
Local clock offset: 0.141 ms
Remote clock offset: 4.65 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 268.936 ms
Loss rate: 80.07%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 268.936 ms
Loss rate: 80.07%
```
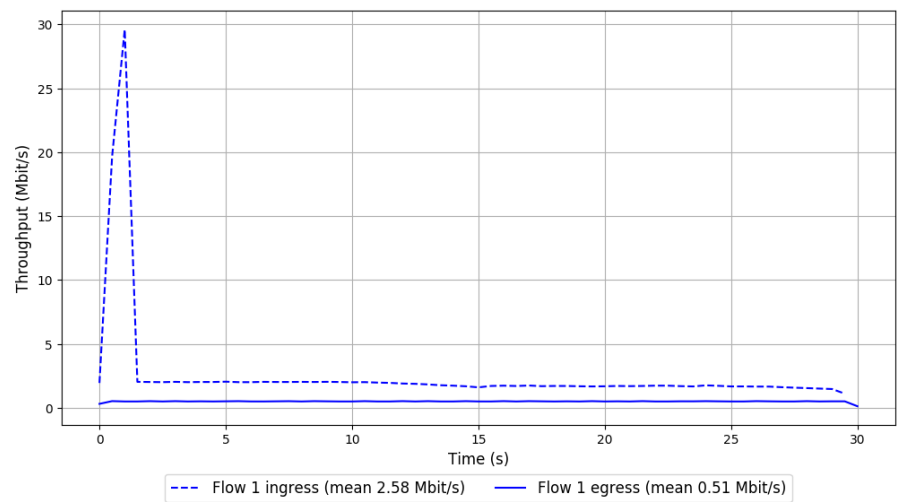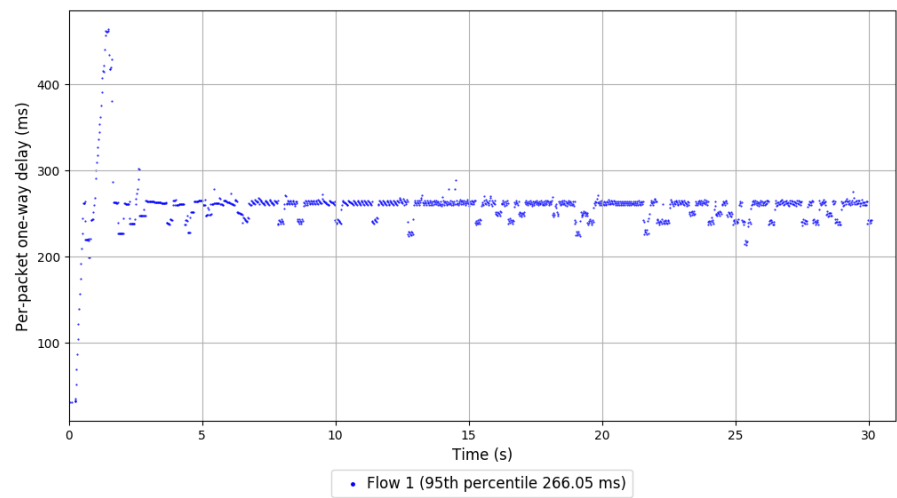
Run 1: Report of PCC — Data Link

```
Run 2: Statistics of PCC

Start at: Sun, 16 Jul 2017 19:36:21 +0000
End at: Sun, 16 Jul 2017 19:36:51 +0000
Local clock offset: -2.279 ms
Remote clock offset: 4.421 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 266.050 ms
Loss rate: 80.18%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 266.050 ms
Loss rate: 80.18%
```
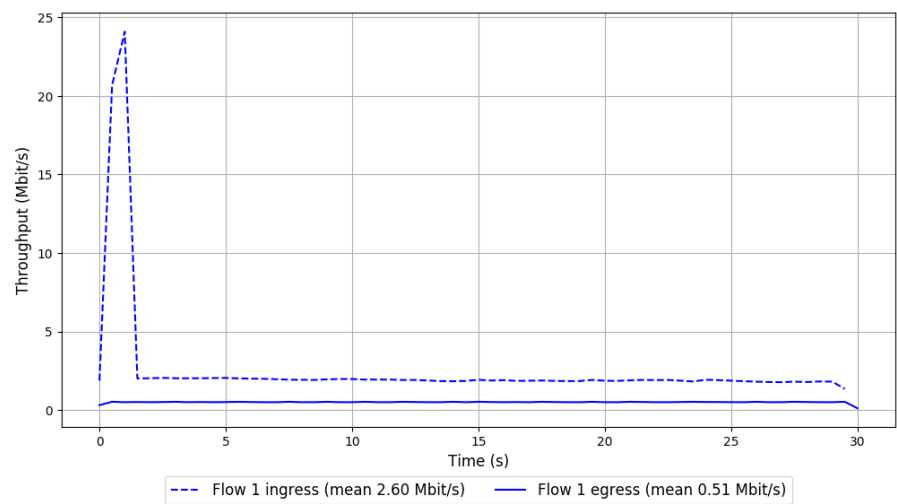
Run 2: Report of PCC — Data Link

```
Run 3: Statistics of PCC

Start at: Sun, 16 Jul 2017 19:53:19 +0000
End at: Sun, 16 Jul 2017 19:53:49 +0000
Local clock offset: -1.597 ms
Remote clock offset: 4.412 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 266.685 ms
Loss rate: 73.87%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 266.685 ms
Loss rate: 73.87%
```
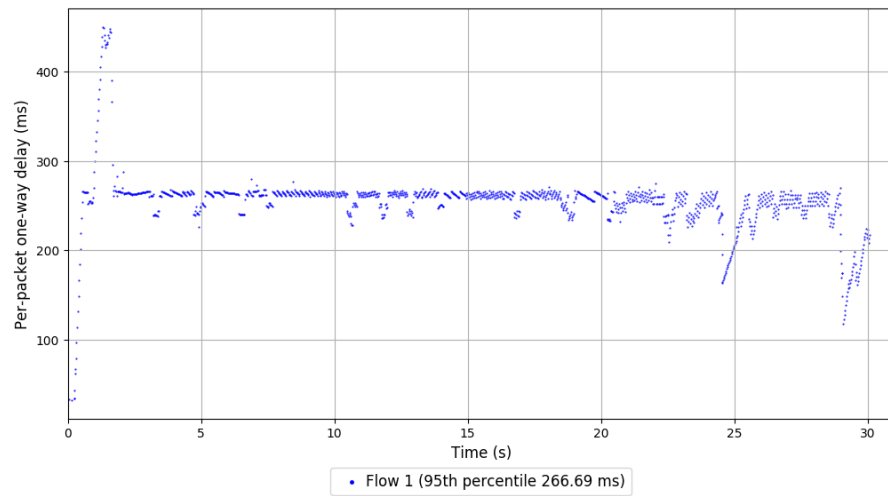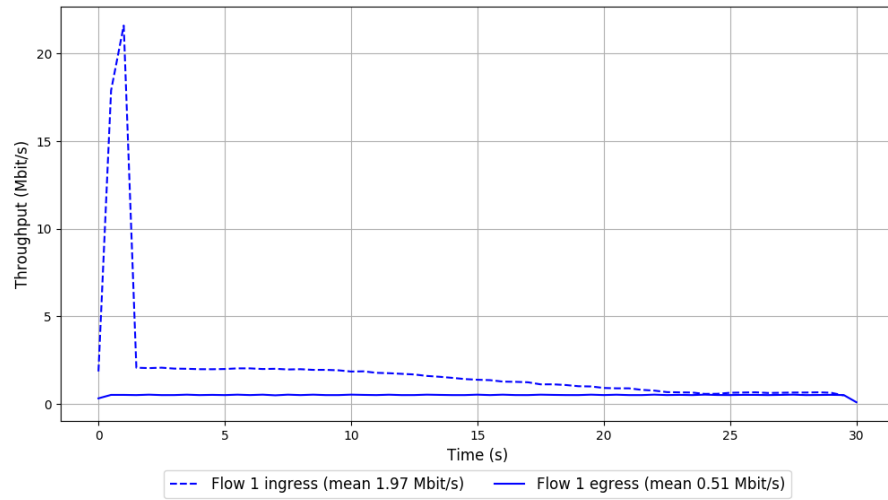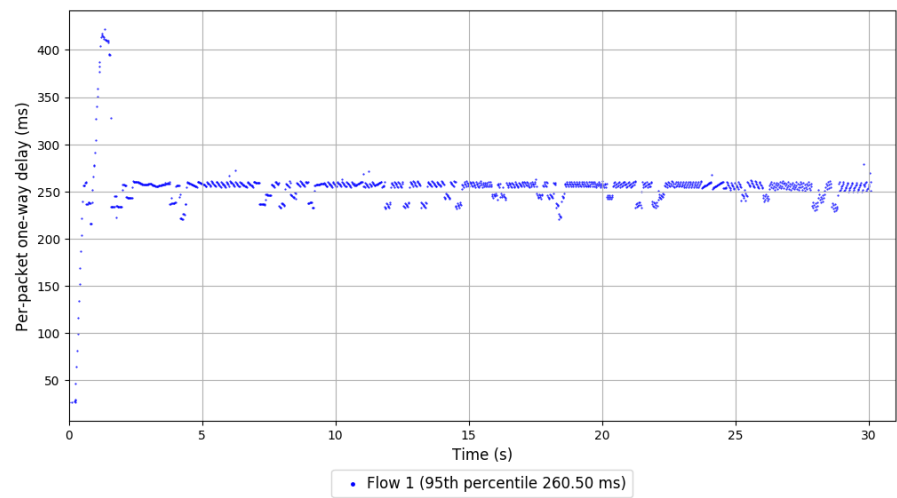
Run 3: Report of PCC — Data Link

Flow 1 ingress (mean 1.97 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

• Flow 1 (95th percentile 266.69 ms)

```
Run 4: Statistics of PCC

Start at: Sun, 16 Jul 2017 20:10:17 +0000
End at: Sun, 16 Jul 2017 20:10:47 +0000
Local clock offset: 2.234 ms
Remote clock offset: 4.689 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 260.503 ms
Loss rate: 79.67%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 260.503 ms
Loss rate: 79.67%
```
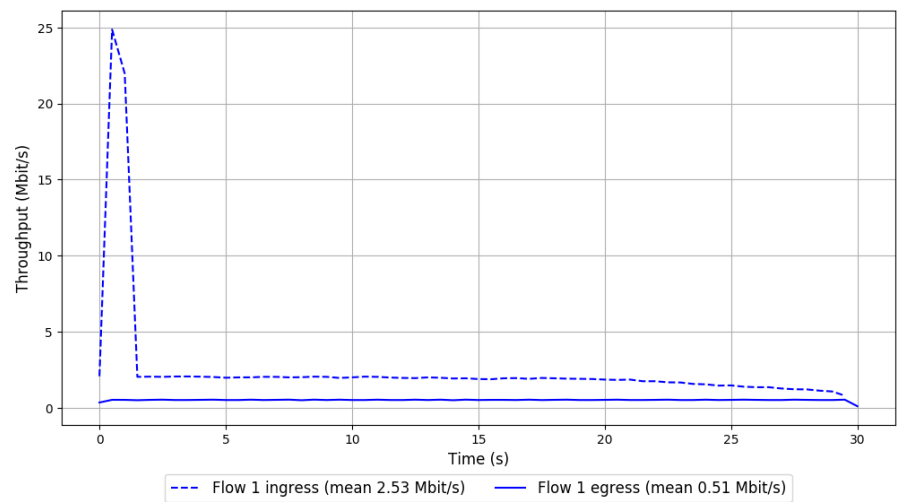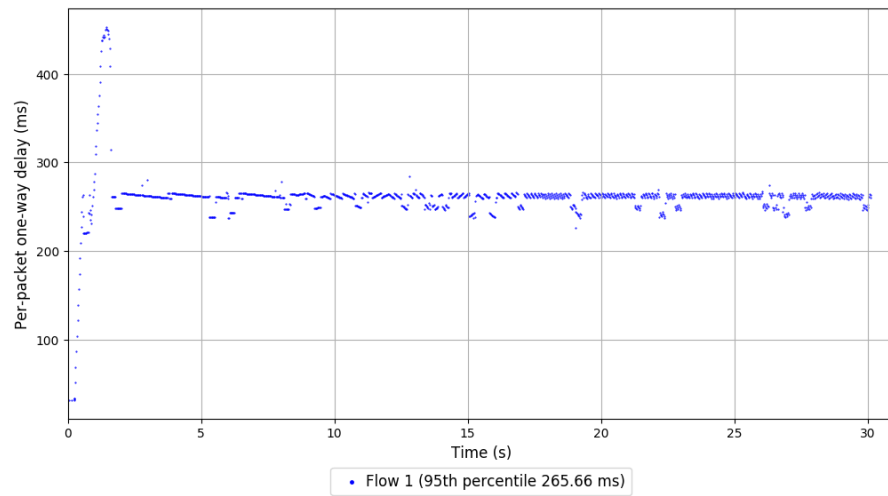
Run 4: Report of PCC — Data Link

Flow 1 ingress (mean 2.53 Mbit/s) --- Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 260.50 ms)

```
Run 5: Statistics of PCC

Start at: Sun, 16 Jul 2017 20:27:15 +0000
End at: Sun, 16 Jul 2017 20:27:45 +0000
Local clock offset: 1.273 ms
Remote clock offset: 4.185 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 265.657 ms
Loss rate: 81.47%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 265.657 ms
Loss rate: 81.47%
```
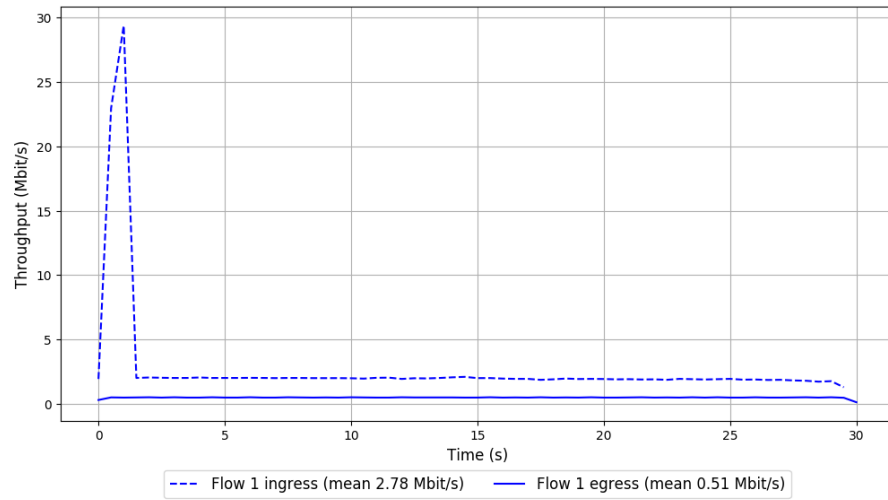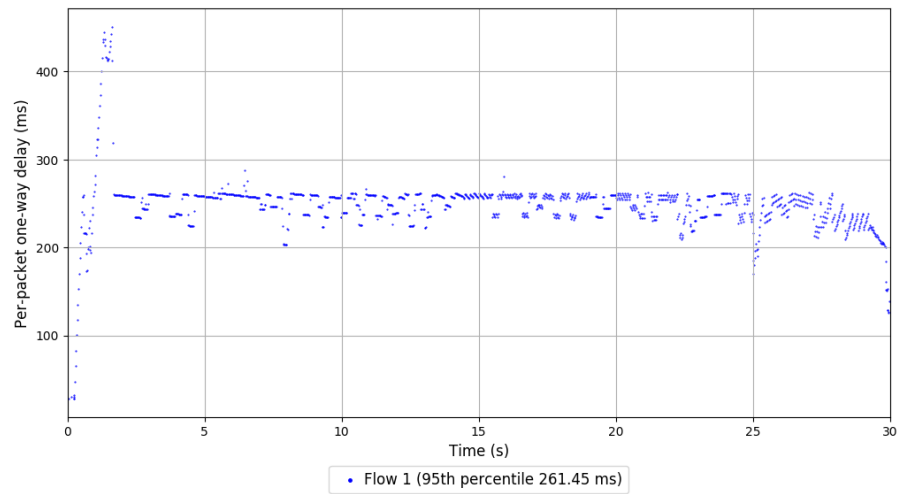
Run 5: Report of PCC — Data Link

Flow 1 ingress (mean 2.78 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 265.66 ms)

```
Run 6: Statistics of PCC

Start at: Sun, 16 Jul 2017 20:44:18 +0000
End at: Sun, 16 Jul 2017 20:44:48 +0000
Local clock offset: 2.709 ms
Remote clock offset: 4.263 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 261.450 ms
Loss rate: 77.22%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 261.450 ms
Loss rate: 77.22%
```
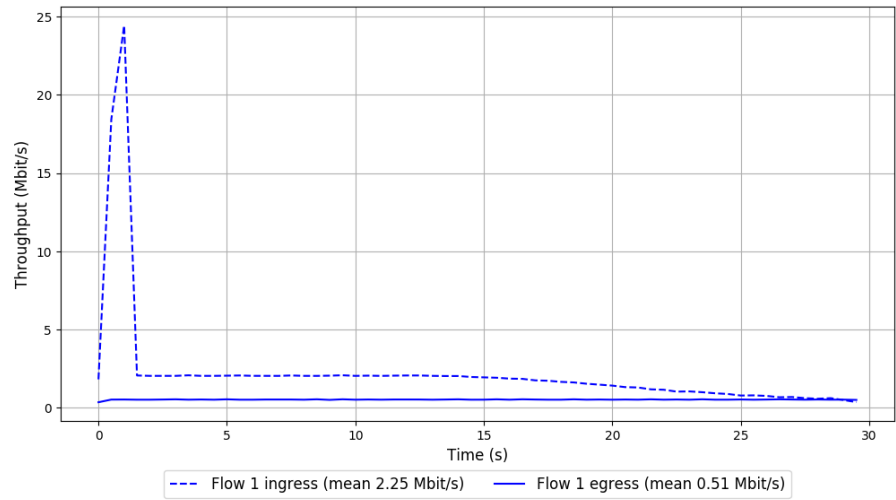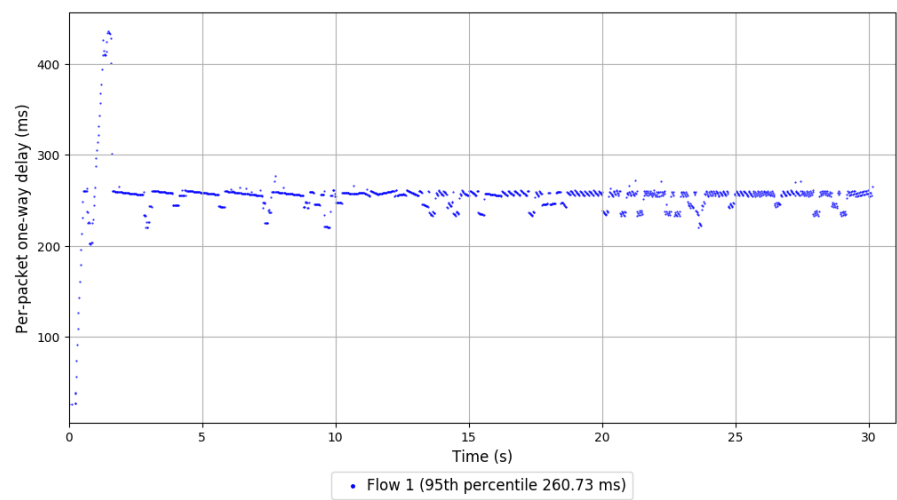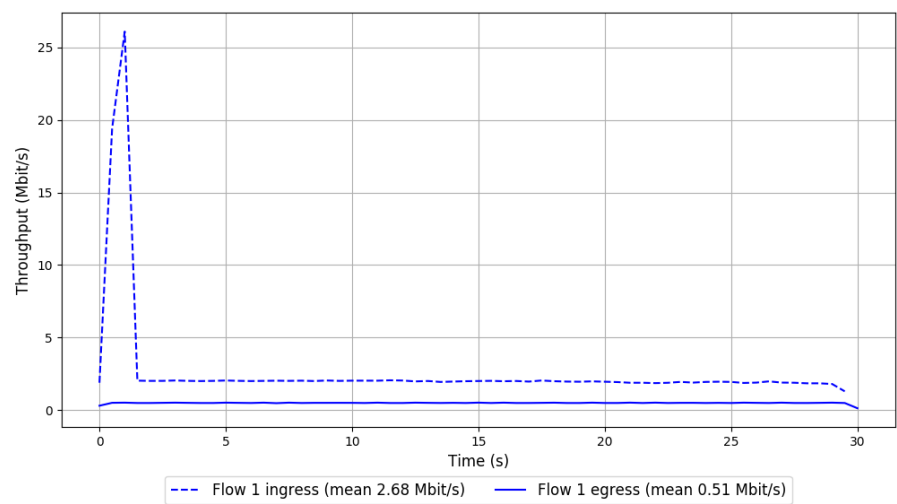
Run 6: Report of PCC — Data Link

Flow 1 ingress (mean 2.25 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 261.45 ms)

```
Run 7: Statistics of PCC

Start at: Sun, 16 Jul 2017 21:01:15 +0000
End at: Sun, 16 Jul 2017 21:01:45 +0000
Local clock offset: 2.899 ms
Remote clock offset: 3.583 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 260.731 ms
Loss rate: 80.75%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 260.731 ms
Loss rate: 80.75%
```
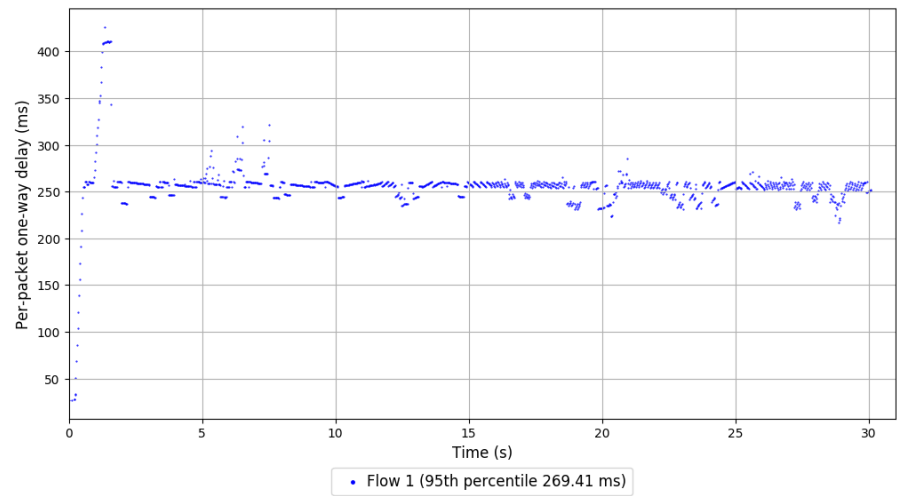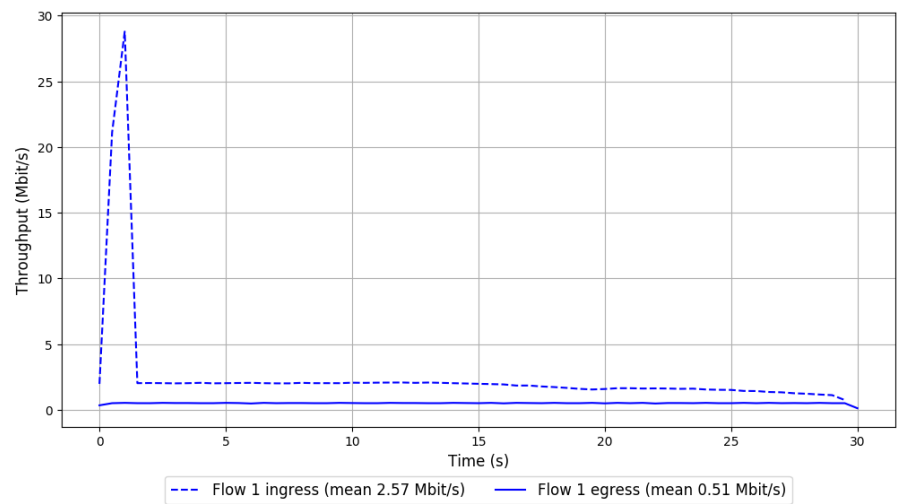
Run 7: Report of PCC — Data Link

```
Run 8: Statistics of PCC

Start at: Sun, 16 Jul 2017 21:18:13 +0000
End at: Sun, 16 Jul 2017 21:18:43 +0000
Local clock offset: 1.88 ms
Remote clock offset: 4.134 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 269.407 ms
Loss rate: 80.01%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 269.407 ms
Loss rate: 80.01%
```
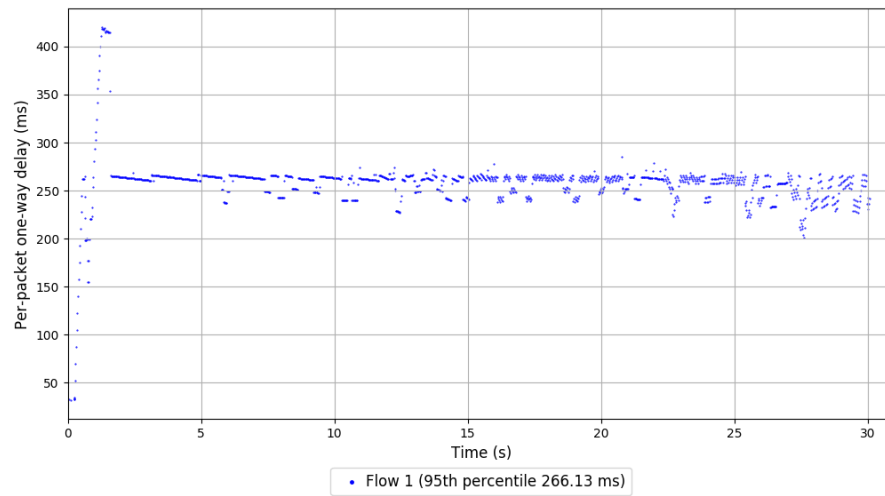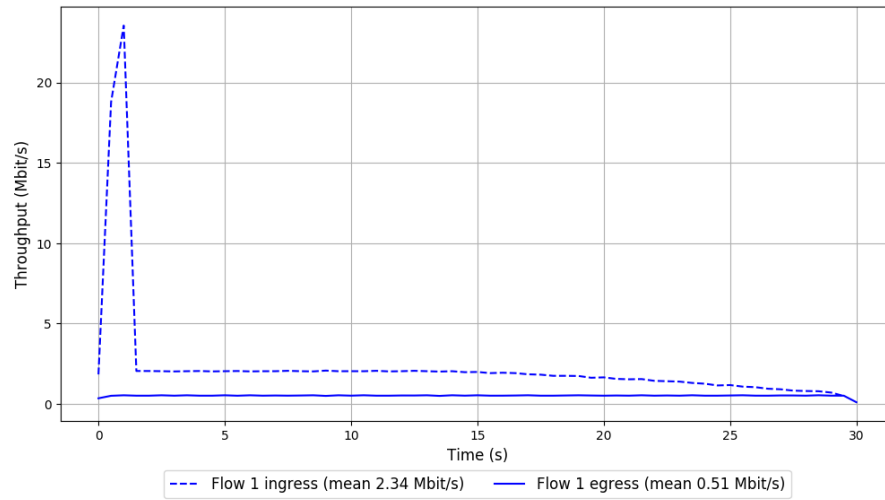
Run 8: Report of PCC — Data Link

```
Run 9: Statistics of PCC

Start at: Sun, 16 Jul 2017 21:35:19 +0000
End at: Sun, 16 Jul 2017 21:35:49 +0000
Local clock offset: -1.097 ms
Remote clock offset: 4.308 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 266.135 ms
Loss rate: 78.06%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 266.135 ms
Loss rate: 78.06%
```
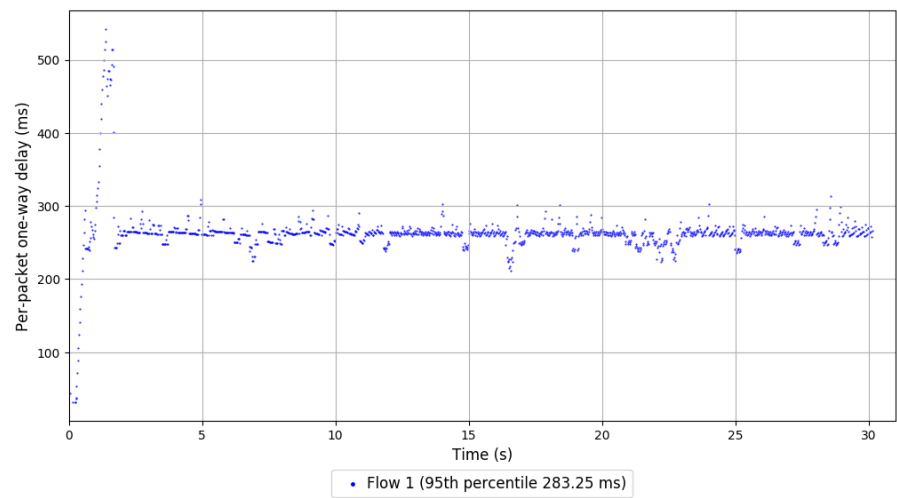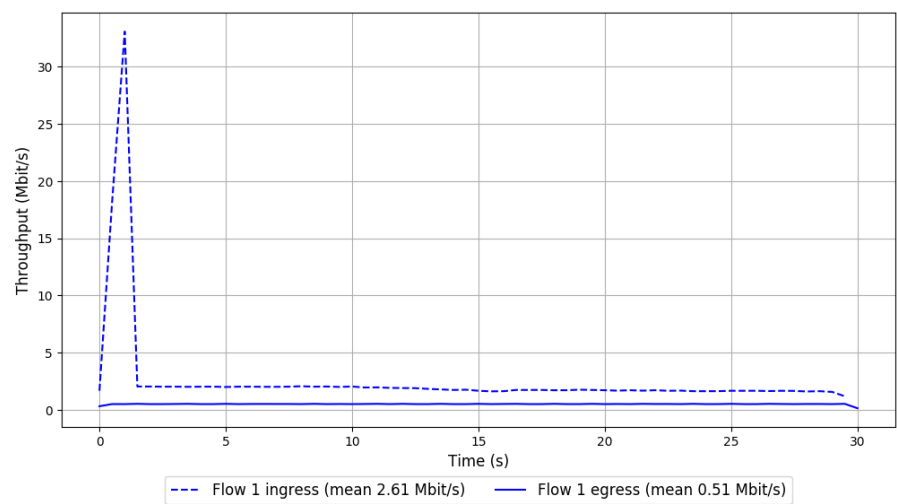
Run 9: Report of PCC — Data Link

Flow 1 ingress (mean 2.34 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 266.13 ms)

```
Run 10: Statistics of PCC

Start at: Sun, 16 Jul 2017 21:52:18 +0000
End at: Sun, 16 Jul 2017 21:52:48 +0000
Local clock offset: 2.18 ms
Remote clock offset: 3.999 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 283.253 ms
Loss rate: 80.29%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 283.253 ms
Loss rate: 80.29%
```
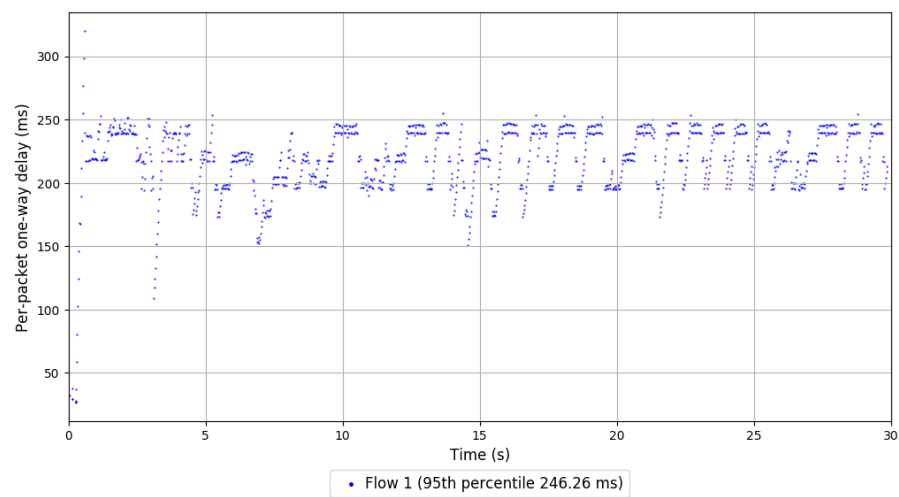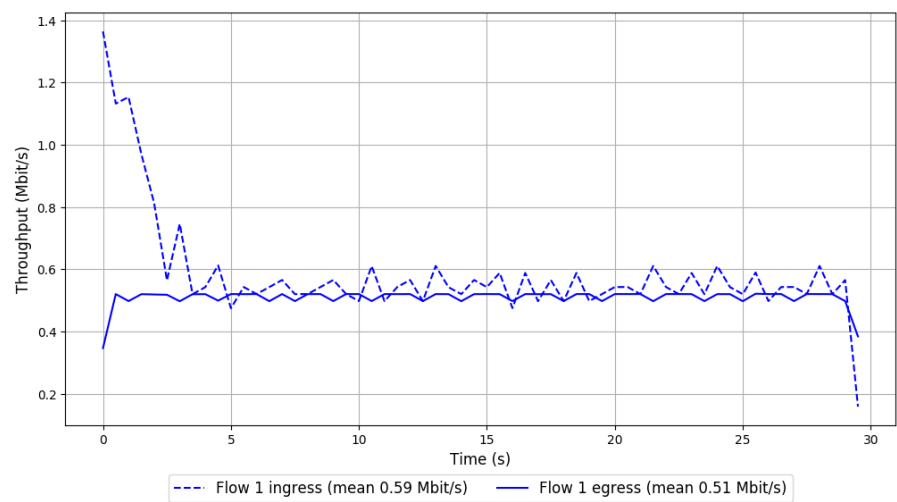
Run 10: Report of PCC — Data Link

Flow 1 ingress (mean 2.61 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

• Flow 1 (95th percentile 283.25 ms)

```
Run 1: Statistics of QUIC Cubic

Start at: Sun, 16 Jul 2017 19:13:06 +0000
End at: Sun, 16 Jul 2017 19:13:36 +0000
Local clock offset: 1.079 ms
Remote clock offset: 3.942 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 246.262 ms
Loss rate: 13.19%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 246.262 ms
Loss rate: 13.19%
```
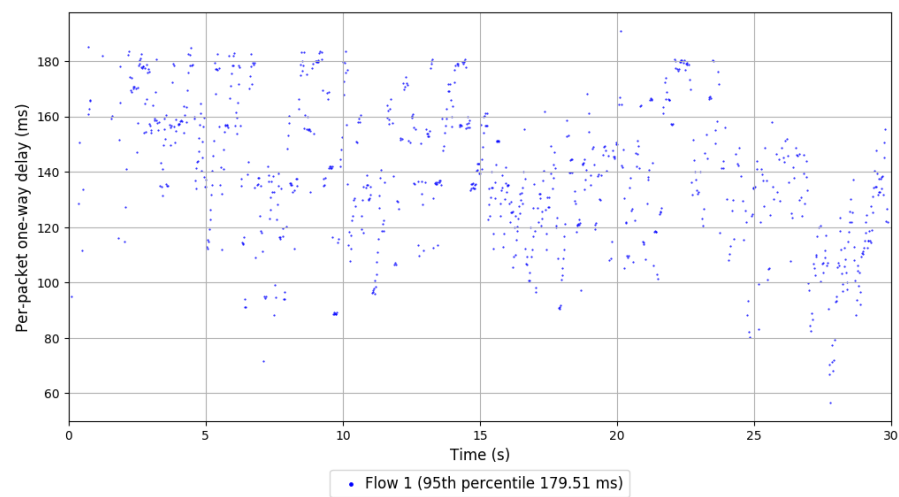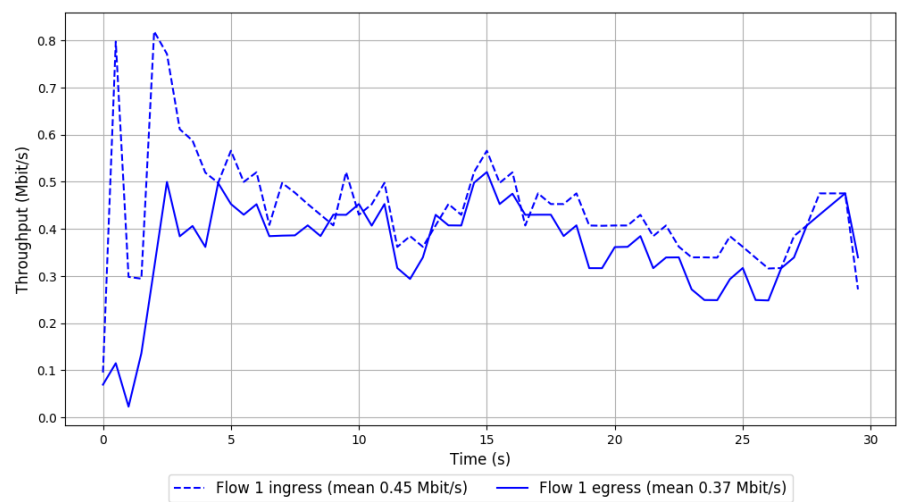
Run 1: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 0.59 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

· Flow 1 (95th percentile 246.26 ms)

```
Run 2: Statistics of QUIC Cubic

Start at: Sun, 16 Jul 2017 19:30:14 +0000
End at: Sun, 16 Jul 2017 19:30:44 +0000
Local clock offset: 0.109 ms
Remote clock offset: -60.592 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 179.508 ms
Loss rate: 17.98%
-- Flow 1:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 179.508 ms
Loss rate: 17.98%
```
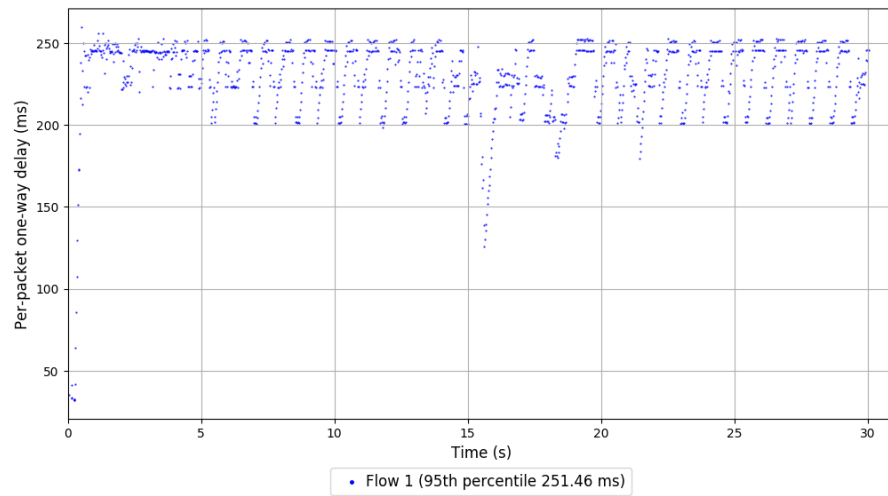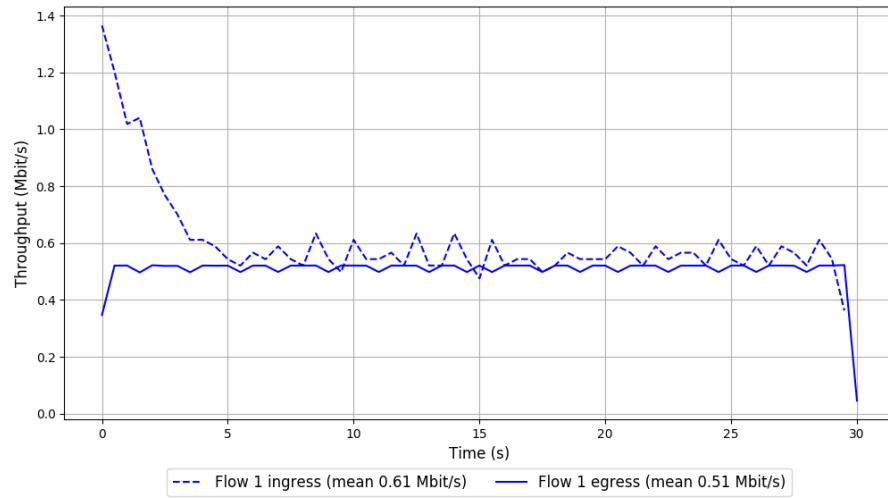
Run 2: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 0.45 Mbit/s) — — —   Flow 1 egress (mean 0.37 Mbit/s) ———

• Flow 1 (95th percentile 179.51 ms)

127

```
Run 3: Statistics of QUIC Cubic

Start at: Sun, 16 Jul 2017 19:47:16 +0000
End at: Sun, 16 Jul 2017 19:47:46 +0000
Local clock offset: -2.556 ms
Remote clock offset: 4.398 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 251.463 ms
Loss rate: 15.18%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 251.463 ms
Loss rate: 15.18%
```
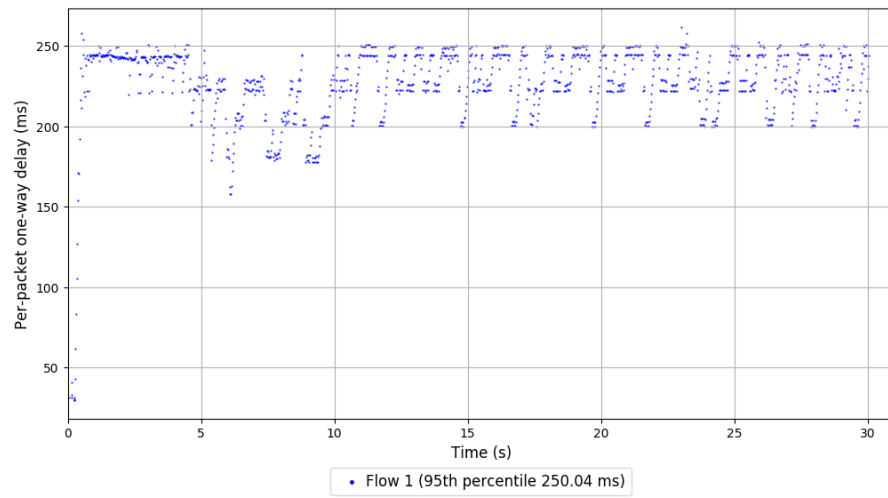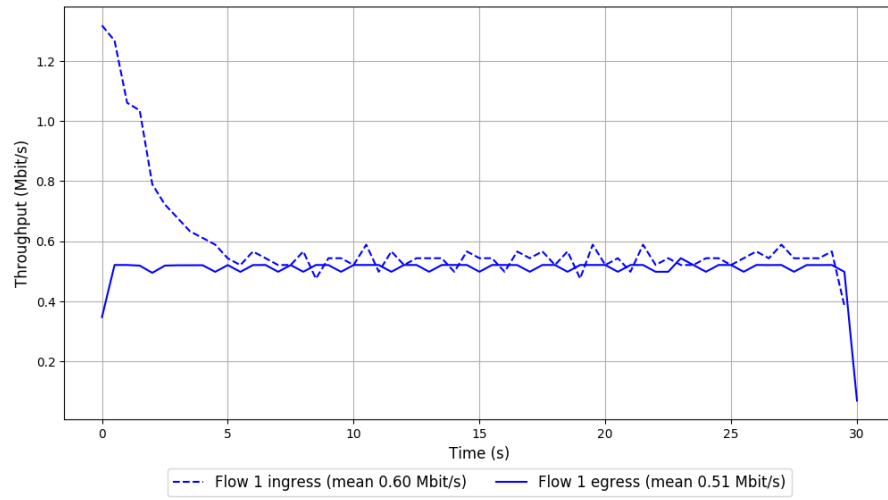
Run 3: Report of QUIC Cubic — Data Link

```
Run 4: Statistics of QUIC Cubic

Start at: Sun, 16 Jul 2017 20:04:13 +0000
End at: Sun, 16 Jul 2017 20:04:43 +0000
Local clock offset: -1.11 ms
Remote clock offset: 5.543 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 250.039 ms
Loss rate: 13.50%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 250.039 ms
Loss rate: 13.50%
```
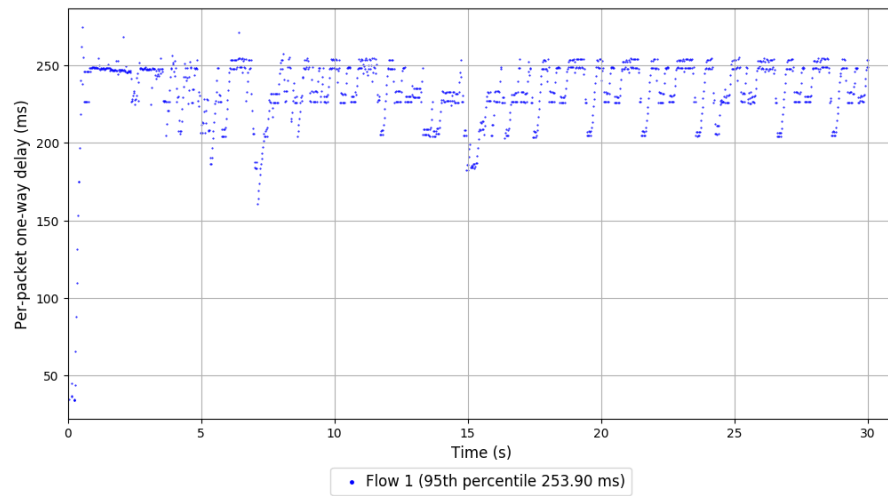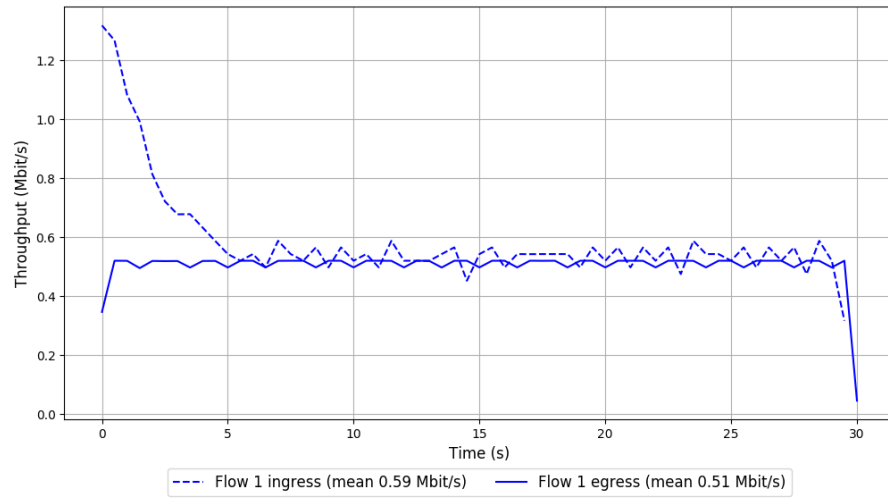
Run 4: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 0.60 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

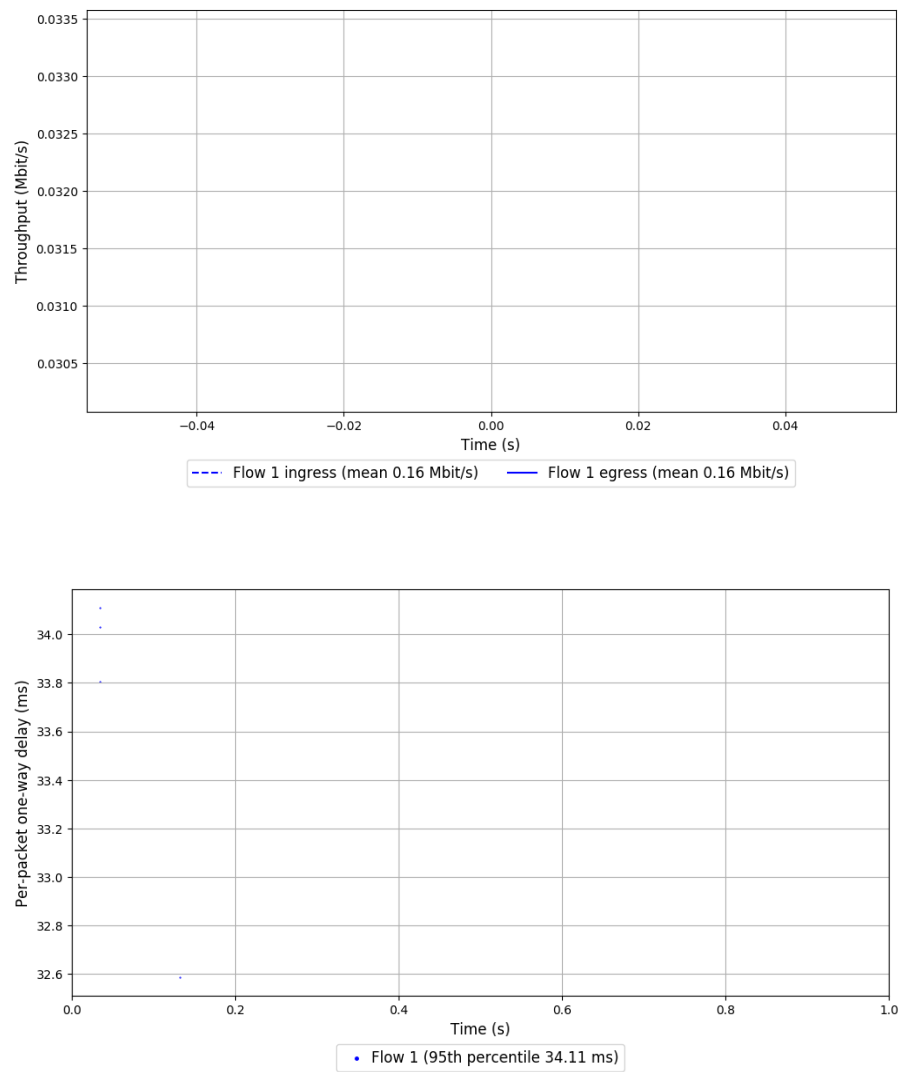Flow 1 (95th percentile 250.04 ms)

```
Run 5: Statistics of QUIC Cubic

Start at: Sun, 16 Jul 2017 20:21:08 +0000
End at: Sun, 16 Jul 2017 20:21:38 +0000
Local clock offset: -1.906 ms
Remote clock offset: 6.999 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 253.903 ms
Loss rate: 13.13%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 253.903 ms
Loss rate: 13.13%
```
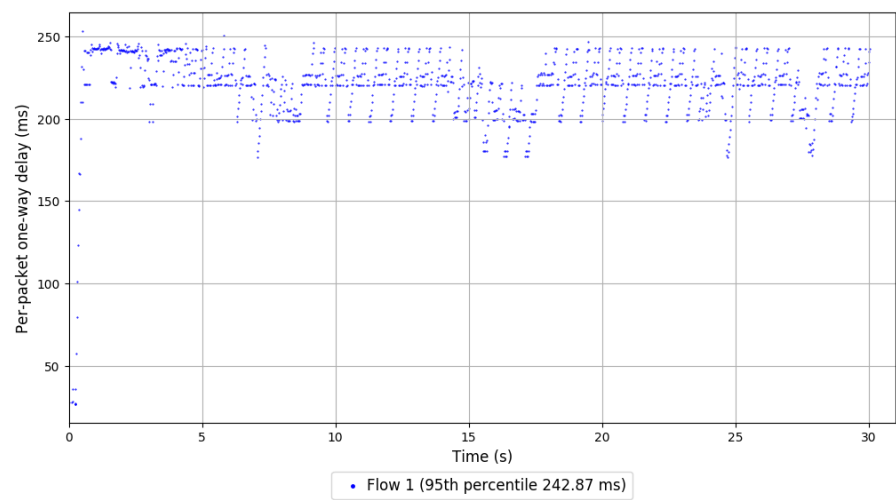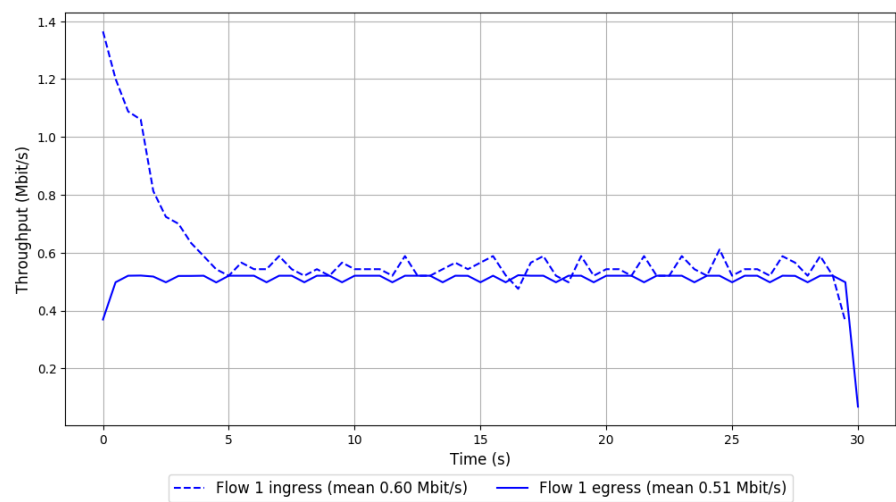
Run 5: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 0.59 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 253.90 ms)

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Run 6: Statistics of QUIC Cubic

Start at: Sun, 16 Jul 2017 20:38:13 +0000
End at: Sun, 16 Jul 2017 20:38:43 +0000
Local clock offset: 2.128 ms
Remote clock offset: 6.224 ms

Run 6: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 0.16 Mbit/s)   Flow 1 egress (mean 0.16 Mbit/s)

Flow 1 (95th percentile 34.11 ms)

```
Run 7: Statistics of QUIC Cubic

Start at: Sun, 16 Jul 2017 20:55:10 +0000
End at: Sun, 16 Jul 2017 20:55:40 +0000
Local clock offset: 1.312 ms
Remote clock offset: 4.138 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 242.869 ms
Loss rate: 14.16%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 242.869 ms
Loss rate: 14.16%
```
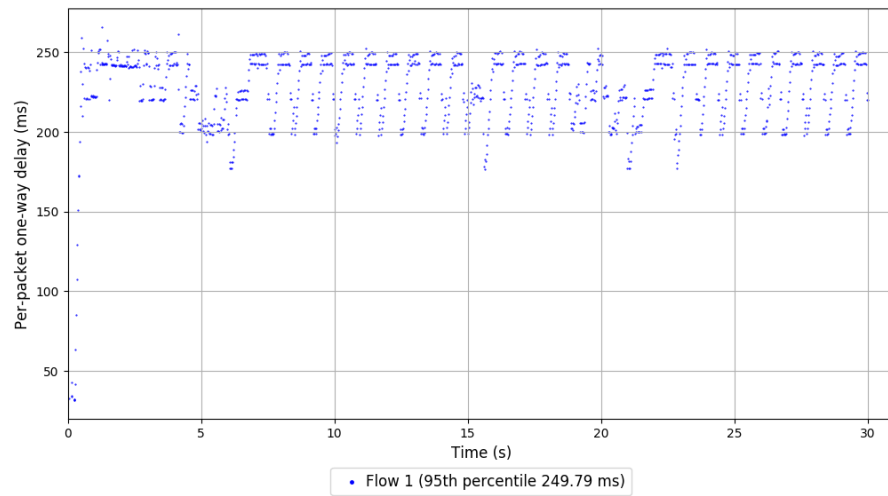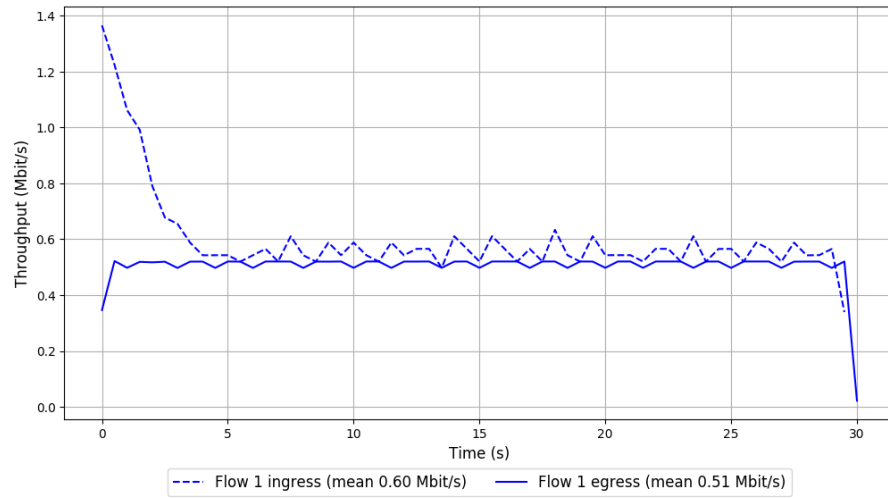
Run 7: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 0.60 Mbit/s)   —— Flow 1 egress (mean 0.51 Mbit/s)

• Flow 1 (95th percentile 242.87 ms)

```
Run 8: Statistics of QUIC Cubic

Start at: Sun, 16 Jul 2017 21:12:10 +0000
End at: Sun, 16 Jul 2017 21:12:40 +0000
Local clock offset: 2.35 ms
Remote clock offset: 4.823 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 249.790 ms
Loss rate: 14.71%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 249.790 ms
Loss rate: 14.71%
```
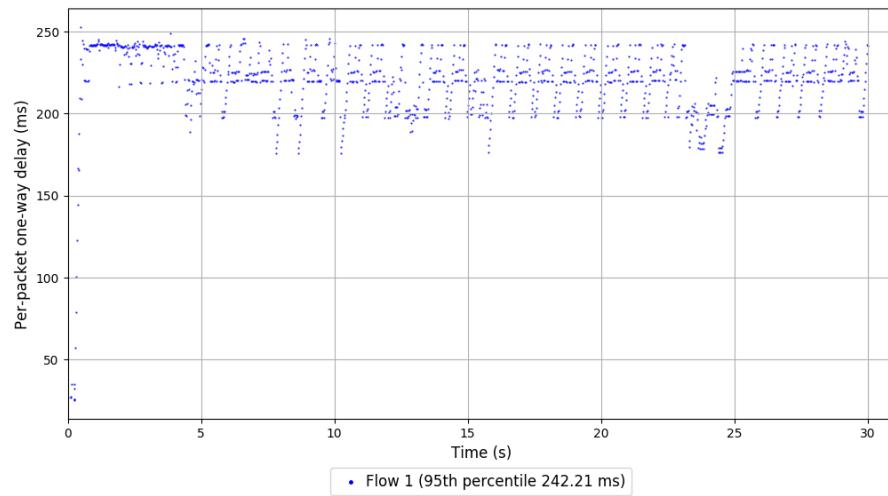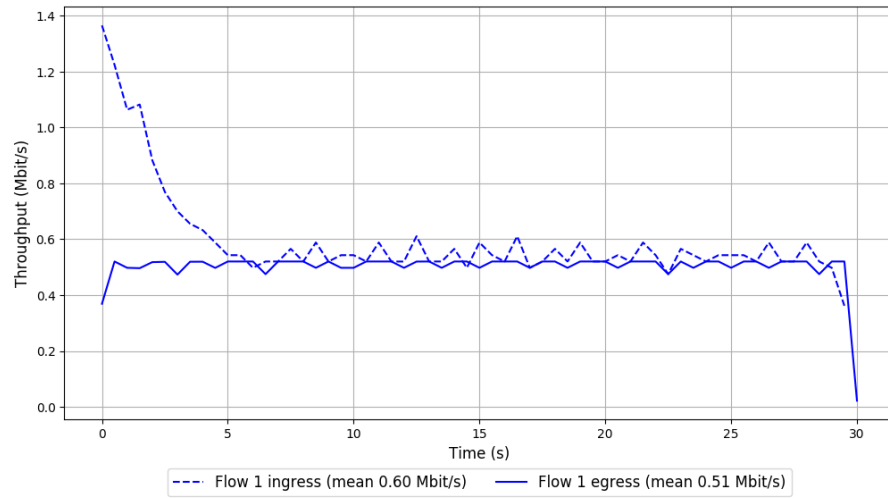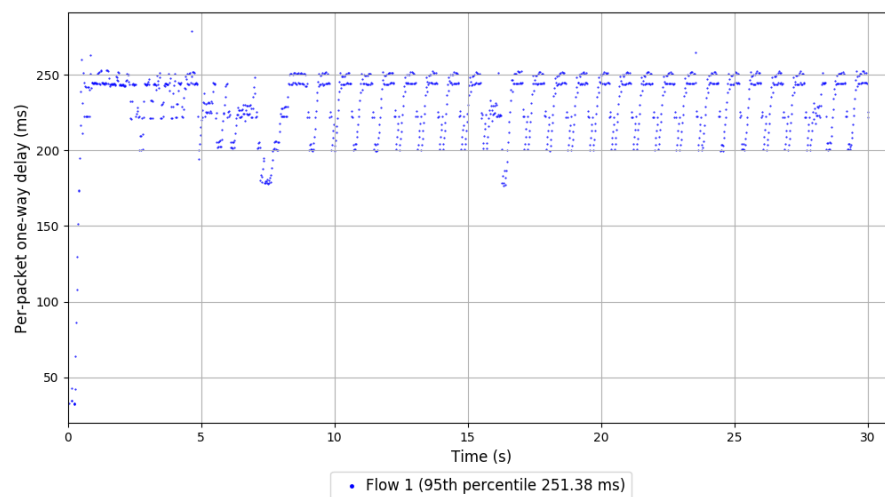
Run 8: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 0.60 Mbit/s) ----   Flow 1 egress (mean 0.51 Mbit/s) ——

• Flow 1 (95th percentile 249.79 ms)

```
Run 9: Statistics of QUIC Cubic

Start at: Sun, 16 Jul 2017 21:29:08 +0000
End at: Sun, 16 Jul 2017 21:29:38 +0000
Local clock offset: 2.58 ms
Remote clock offset: 3.363 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 242.205 ms
Loss rate: 14.55%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 242.205 ms
Loss rate: 14.55%
```
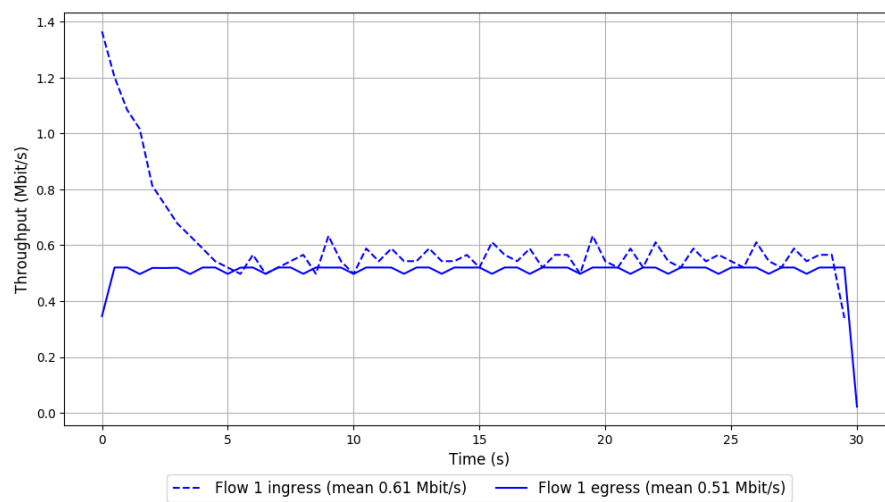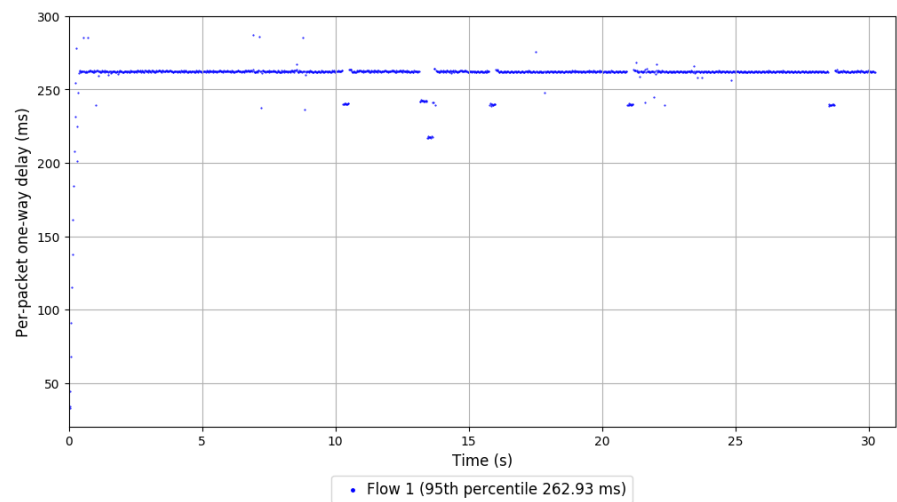
Run 9: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 0.60 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 242.21 ms)

```
Run 10: Statistics of QUIC Cubic

Start at: Sun, 16 Jul 2017 21:46:13 +0000
End at: Sun, 16 Jul 2017 21:46:43 +0000
Local clock offset: 0.104 ms
Remote clock offset: 3.811 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 251.376 ms
Loss rate: 14.92%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 251.376 ms
Loss rate: 14.92%
```
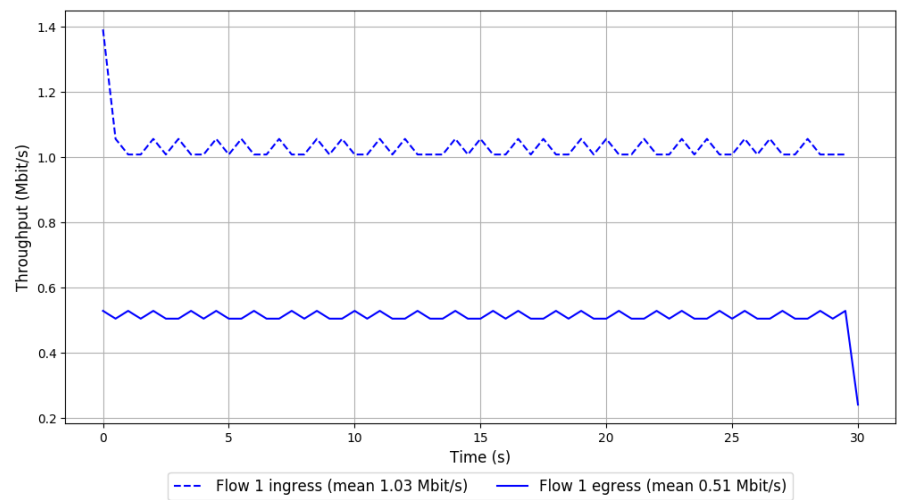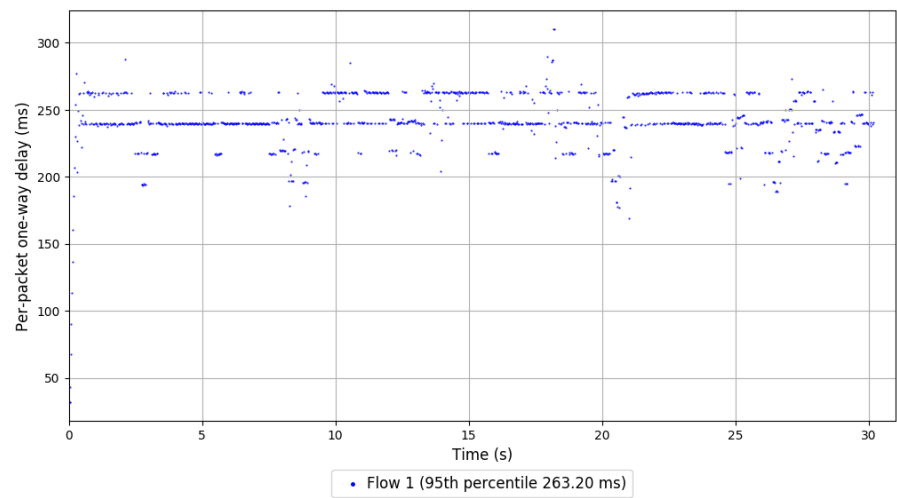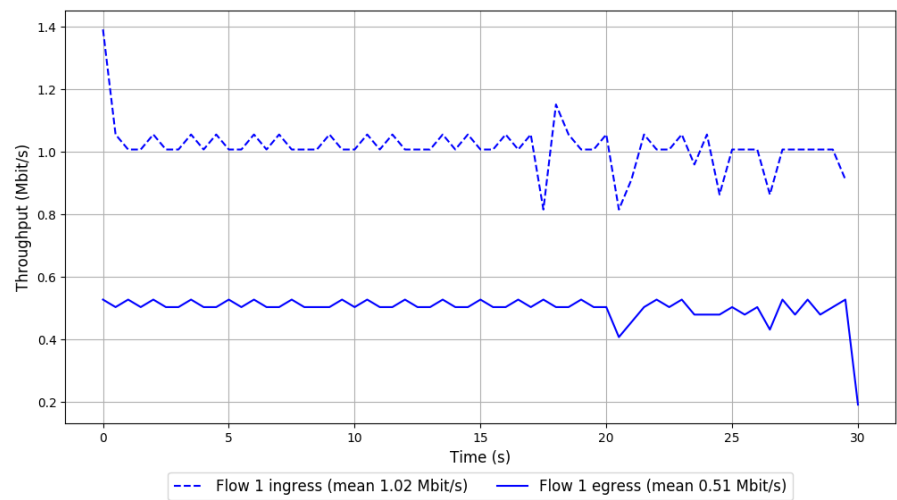
Run 10: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 0.61 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 251.38 ms)

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```
Run 1: Statistics of Saturator

Start at: Sun, 16 Jul 2017 19:15:33 +0000
End at: Sun, 16 Jul 2017 19:16:03 +0000
Local clock offset: -0.696 ms
Remote clock offset: 4.39 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 262.930 ms
Loss rate: 49.84%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 262.930 ms
Loss rate: 49.84%
```
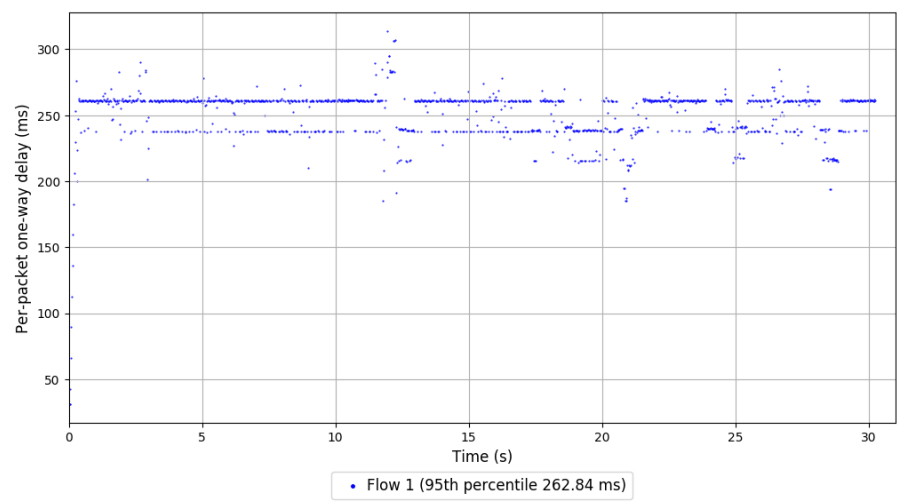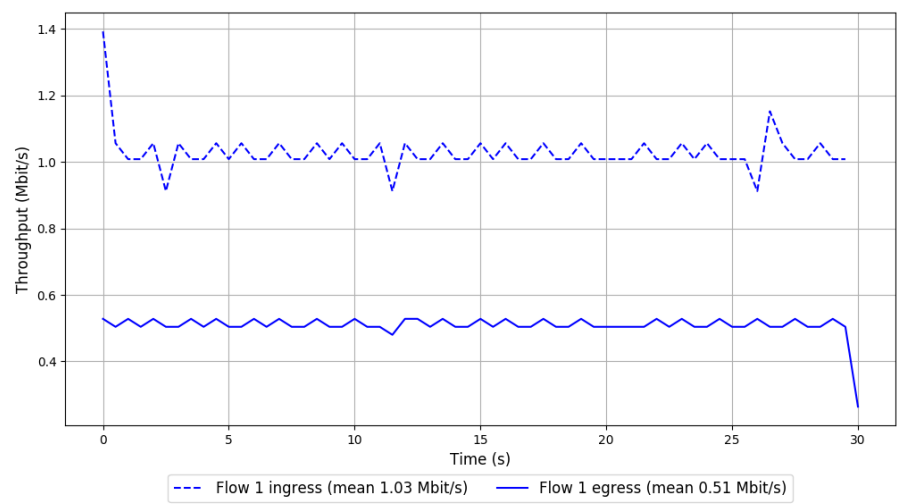
Run 1: Report of Saturator — Data Link

```
Run 2: Statistics of Saturator

Start at: Sun, 16 Jul 2017 19:32:39 +0000
End at: Sun, 16 Jul 2017 19:33:09 +0000
Local clock offset: -0.935 ms
Remote clock offset: 4.799 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 263.200 ms
Loss rate: 49.88%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 263.200 ms
Loss rate: 49.88%
```
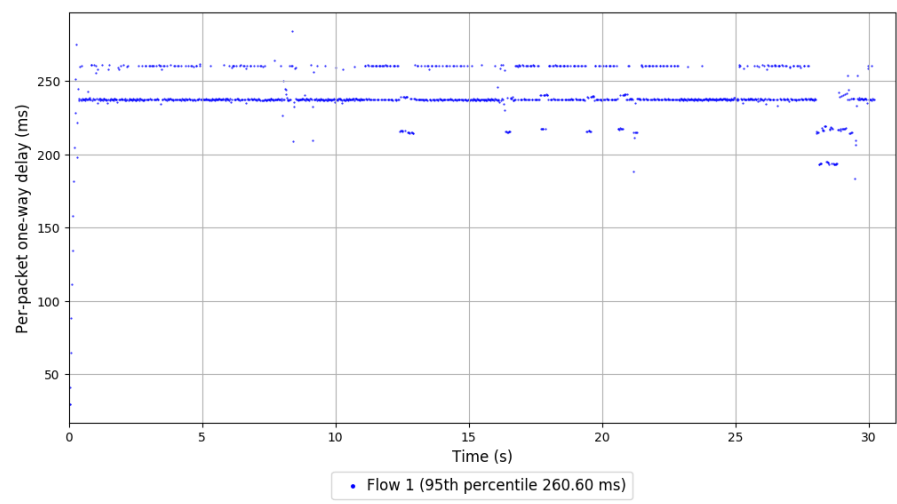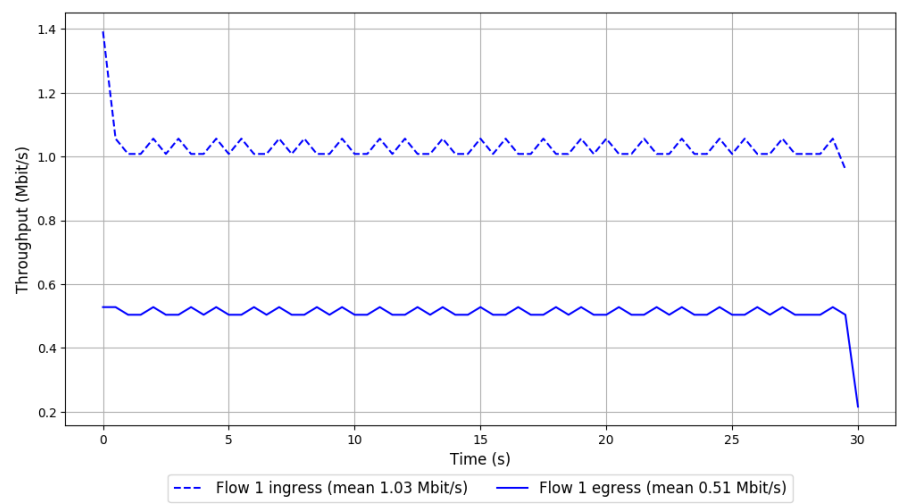
Run 2: Report of Saturator — Data Link

Flow 1 ingress (mean 1.02 Mbit/s) --- Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 263.20 ms)

```
Run 3: Statistics of Saturator

Start at: Sun, 16 Jul 2017 19:49:42 +0000
End at: Sun, 16 Jul 2017 19:50:12 +0000
Local clock offset: -0.033 ms
Remote clock offset: 3.836 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 262.837 ms
Loss rate: 49.73%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 262.837 ms
Loss rate: 49.73%
```
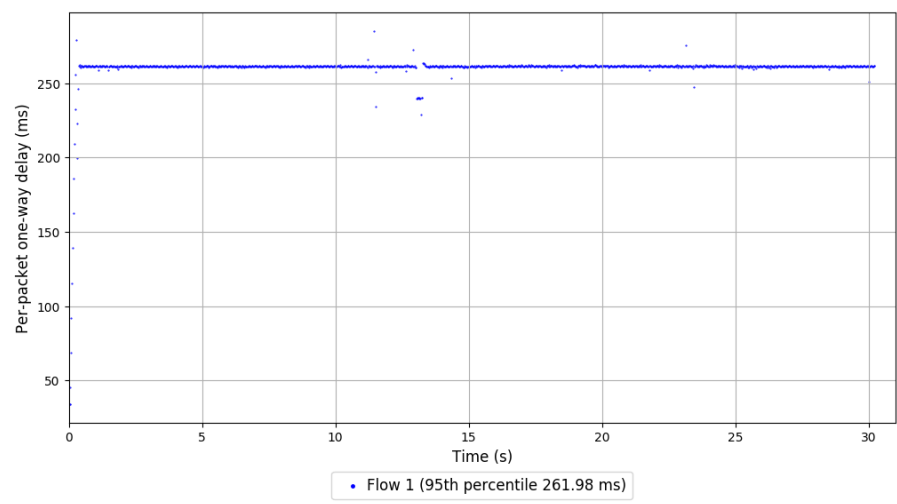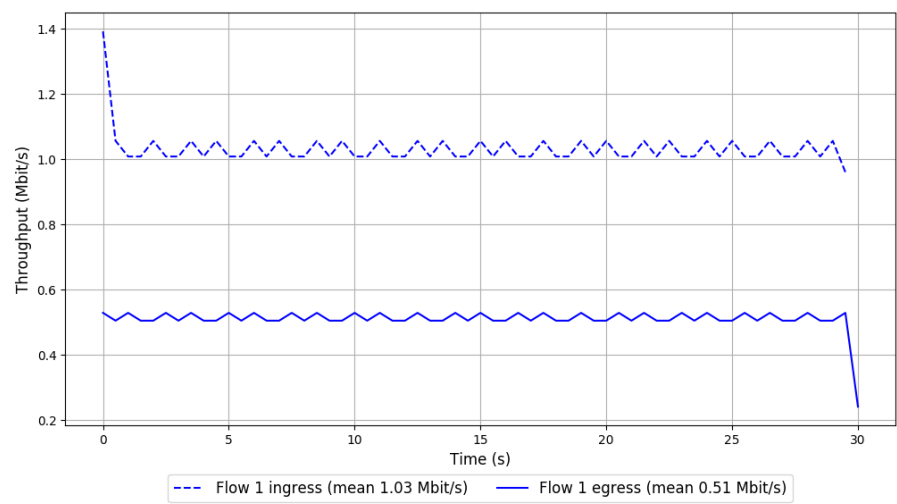
Run 3: Report of Saturator — Data Link

```
Run 4: Statistics of Saturator

Start at: Sun, 16 Jul 2017 20:06:39 +0000
End at: Sun, 16 Jul 2017 20:07:09 +0000
Local clock offset: 1.421 ms
Remote clock offset: 3.879 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 260.598 ms
Loss rate: 49.88%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 260.598 ms
Loss rate: 49.88%
```
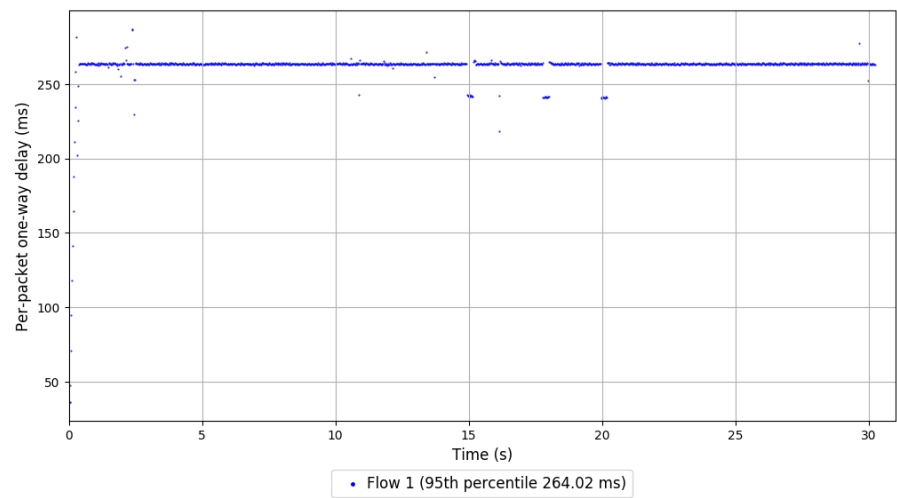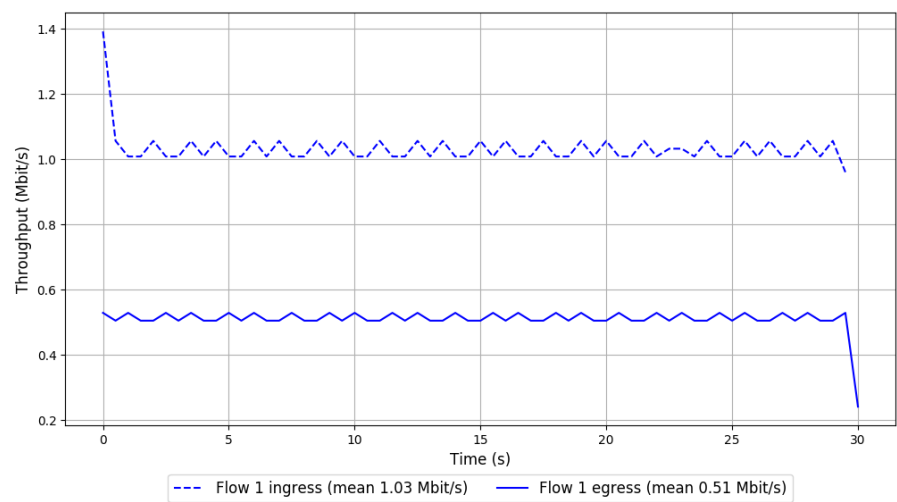
Run 4: Report of Saturator — Data Link

Flow 1 ingress (mean 1.03 Mbit/s) —— Flow 1 egress (mean 0.51 Mbit/s)

• Flow 1 (95th percentile 260.60 ms)

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```
Run 5: Statistics of Saturator

Start at: Sun, 16 Jul 2017 20:23:36 +0000
End at: Sun, 16 Jul 2017 20:24:06 +0000
Local clock offset: 0.506 ms
Remote clock offset: 3.781 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 261.980 ms
Loss rate: 49.84%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 261.980 ms
Loss rate: 49.84%
```
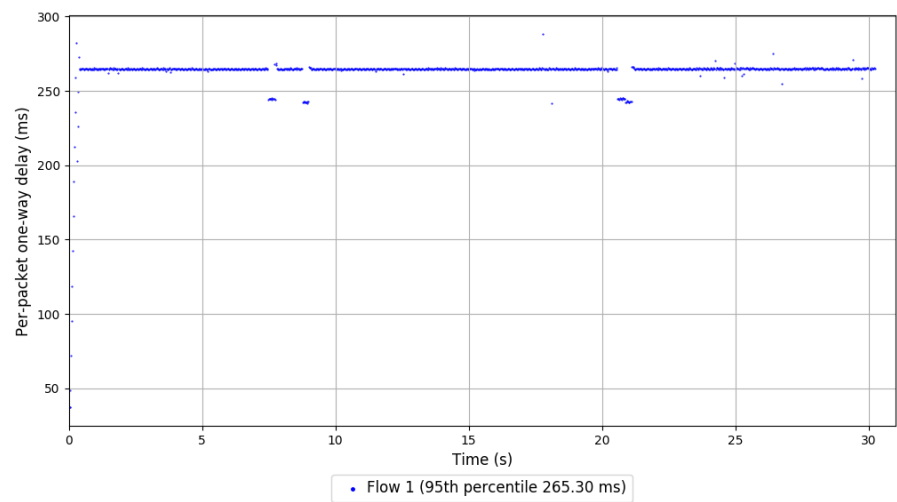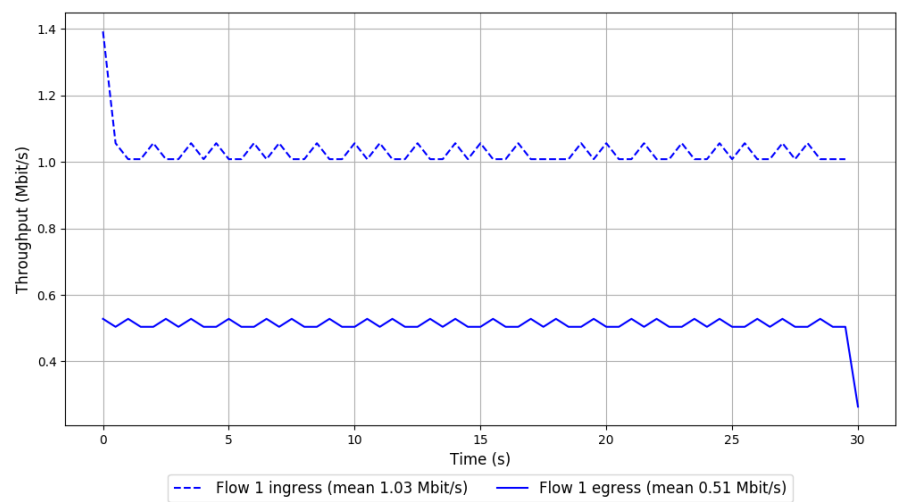
Run 5: Report of Saturator — Data Link

Flow 1 ingress (mean 1.03 Mbit/s) --- Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 261.98 ms)

```
Run 6: Statistics of Saturator

Start at: Sun, 16 Jul 2017 20:40:39 +0000
End at: Sun, 16 Jul 2017 20:41:09 +0000
Local clock offset: -0.646 ms
Remote clock offset: 4.654 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 264.018 ms
Loss rate: 49.84%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 264.018 ms
Loss rate: 49.84%
```
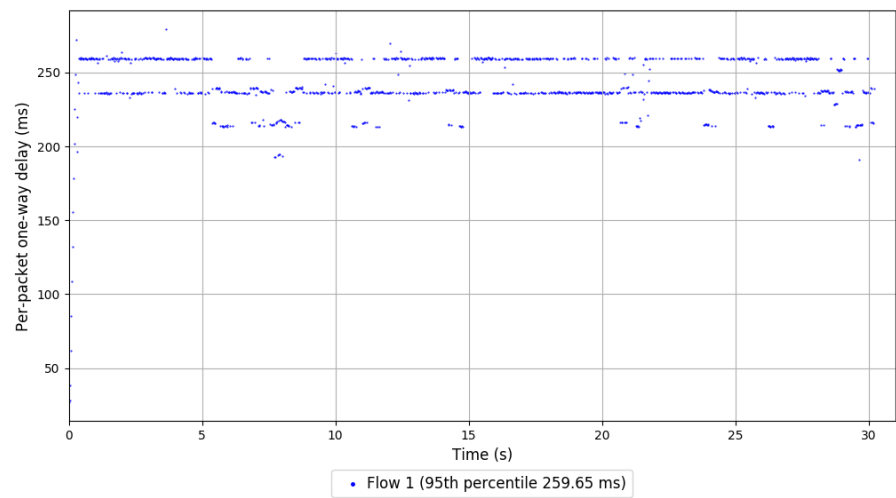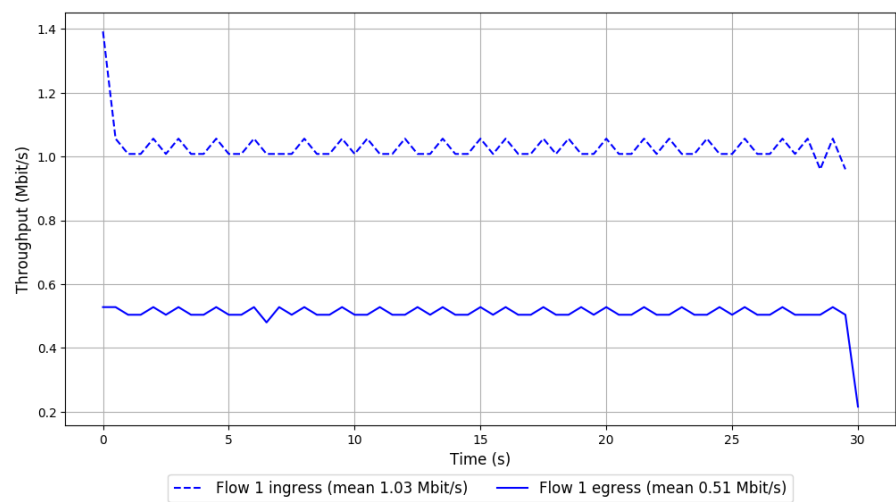
Run 6: Report of Saturator — Data Link

```
Run 7: Statistics of Saturator

Start at: Sun, 16 Jul 2017 20:57:35 +0000
End at: Sun, 16 Jul 2017 20:58:05 +0000
Local clock offset: -1.473 ms
Remote clock offset: 3.961 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 265.304 ms
Loss rate: 49.81%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 265.304 ms
Loss rate: 49.81%
```
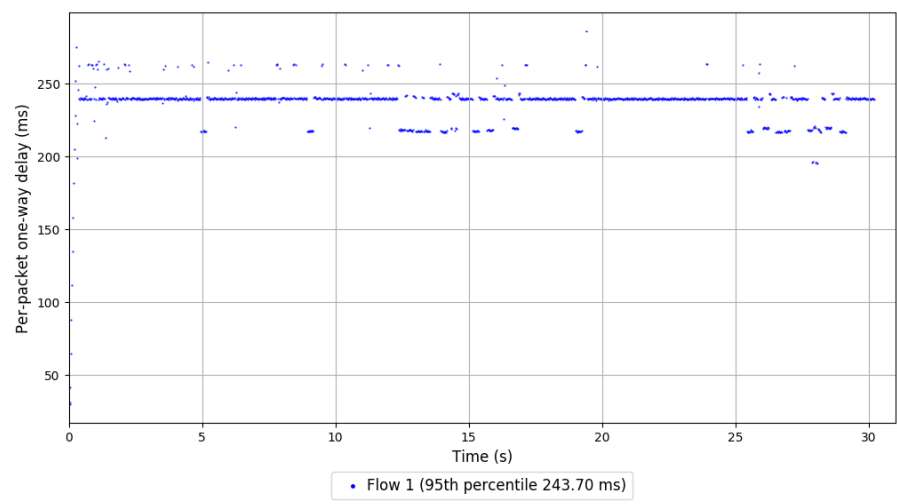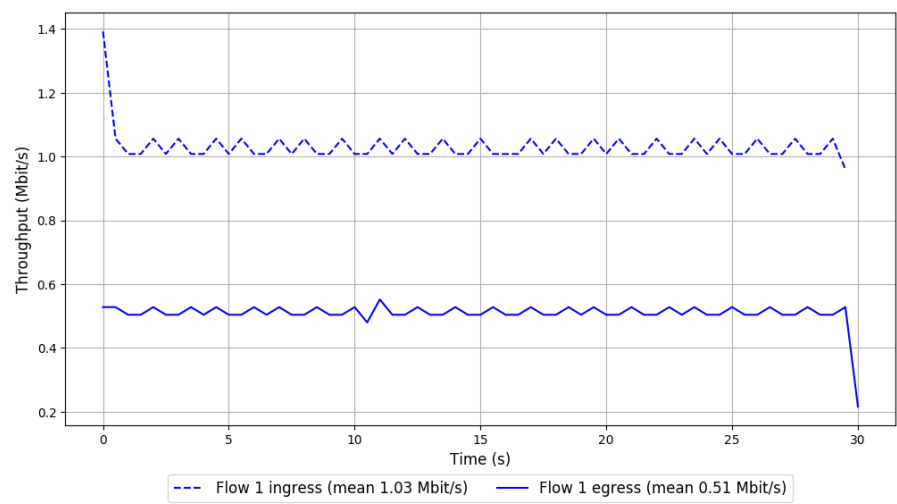
Run 7: Report of Saturator — Data Link

```
Run 8: Statistics of Saturator

Start at: Sun, 16 Jul 2017 21:14:35 +0000
End at: Sun, 16 Jul 2017 21:15:05 +0000
Local clock offset: 3.632 ms
Remote clock offset: 2.855 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 259.650 ms
Loss rate: 49.88%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 259.650 ms
Loss rate: 49.88%
```
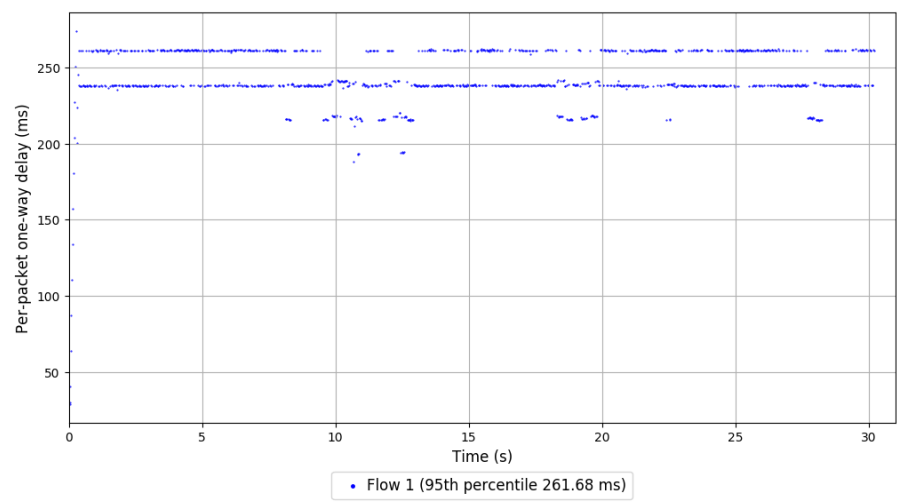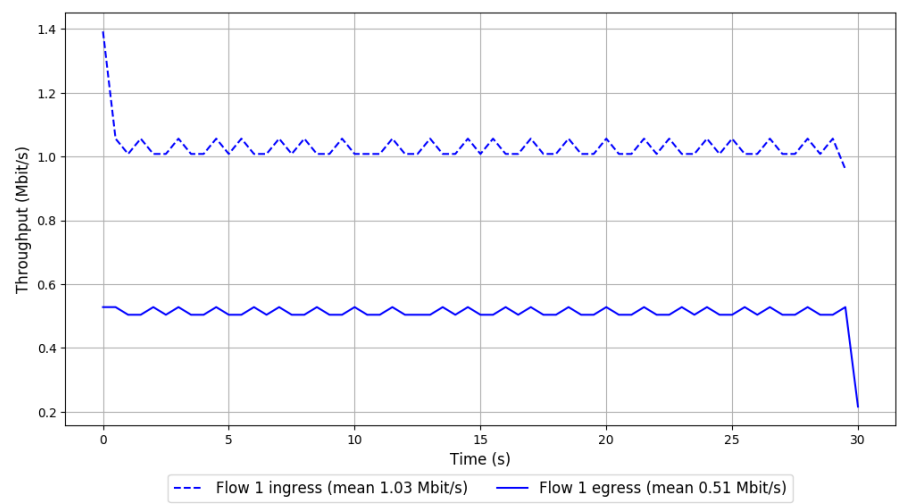
Run 8: Report of Saturator — Data Link

Flow 1 ingress (mean 1.03 Mbit/s) —— Flow 1 egress (mean 0.51 Mbit/s)

• Flow 1 (95th percentile 259.65 ms)

```
Run 9: Statistics of Saturator

Start at: Sun, 16 Jul 2017 21:31:35 +0000
End at: Sun, 16 Jul 2017 21:32:05 +0000
Local clock offset: 0.991 ms
Remote clock offset: 4.101 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 243.703 ms
Loss rate: 49.88%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 243.703 ms
Loss rate: 49.88%
```
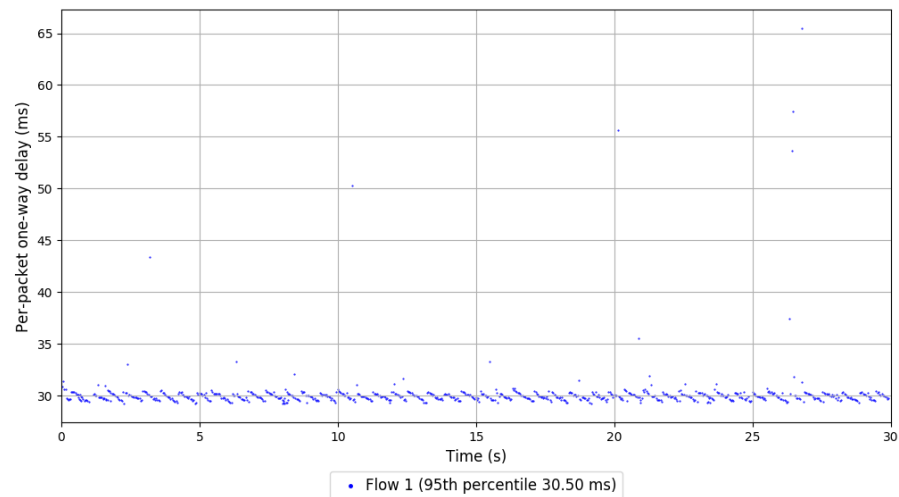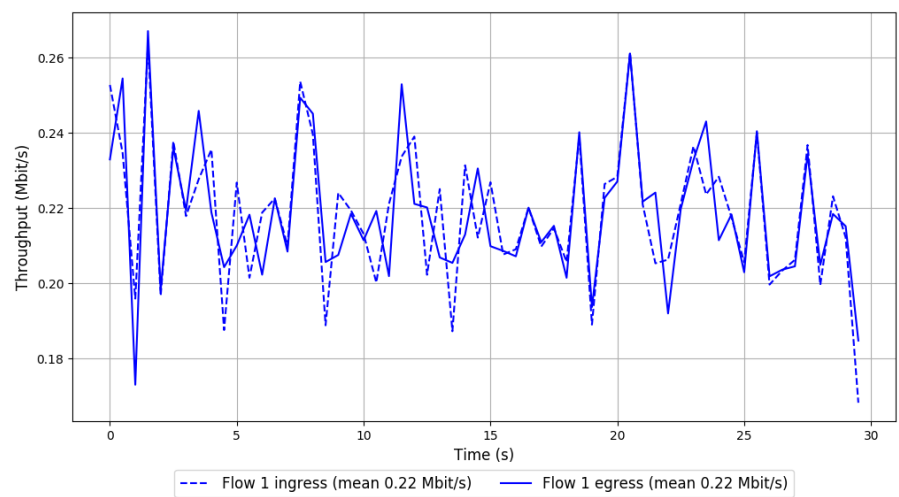
Run 9: Report of Saturator — Data Link

```
Run 10: Statistics of Saturator

Start at: Sun, 16 Jul 2017 21:48:40 +0000
End at: Sun, 16 Jul 2017 21:49:10 +0000
Local clock offset: 2.505 ms
Remote clock offset: 4.041 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 261.682 ms
Loss rate: 49.88%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 261.682 ms
Loss rate: 49.88%
```
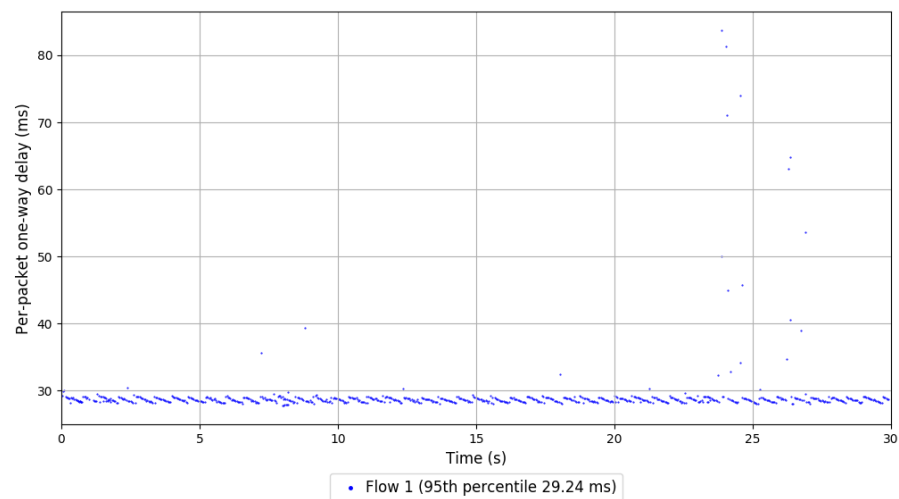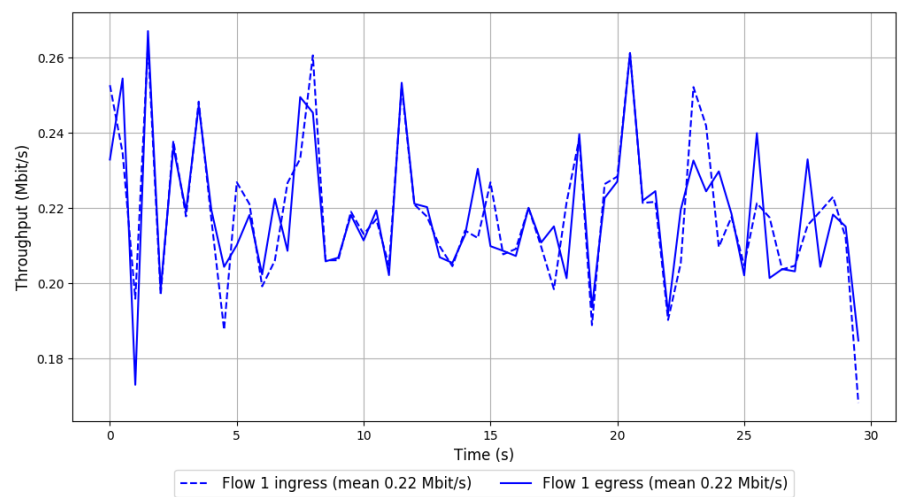
Run 10: Report of Saturator — Data Link

```
Run 1: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 19:08:17 +0000
End at: Sun, 16 Jul 2017 19:08:47 +0000
Local clock offset: -2.848 ms
Remote clock offset: 3.996 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:49:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.498 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.498 ms
Loss rate: 0.00%
```
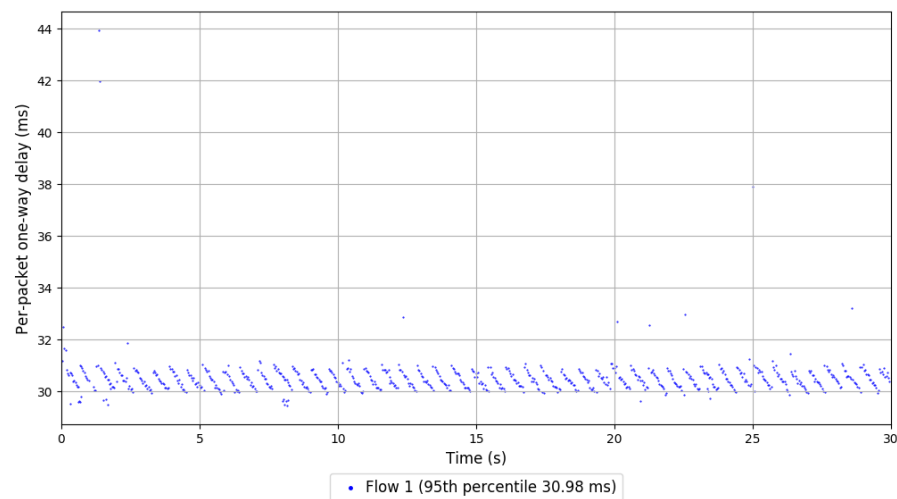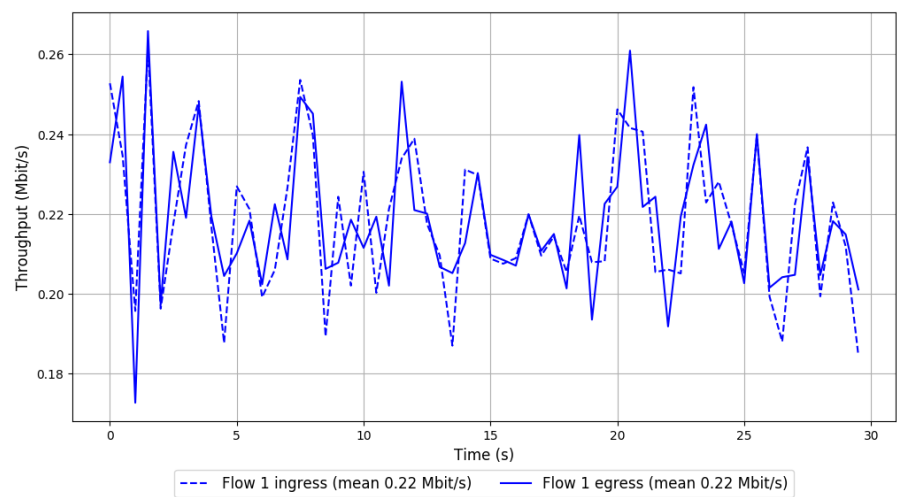
Run 1: Report of SCReAM — Data Link

```
Run 2: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 19:25:17 +0000
End at: Sun, 16 Jul 2017 19:25:47 +0000
Local clock offset: -0.561 ms
Remote clock offset: 4.879 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 29.236 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 29.236 ms
Loss rate: 0.00%
```
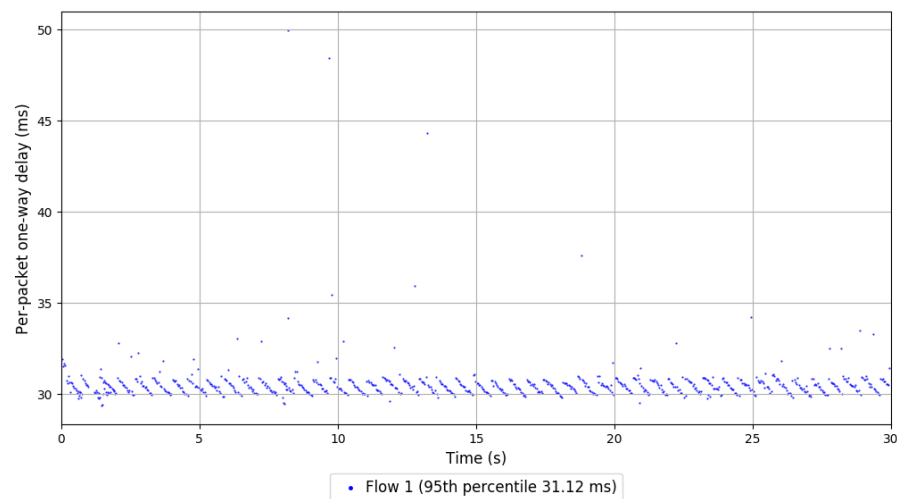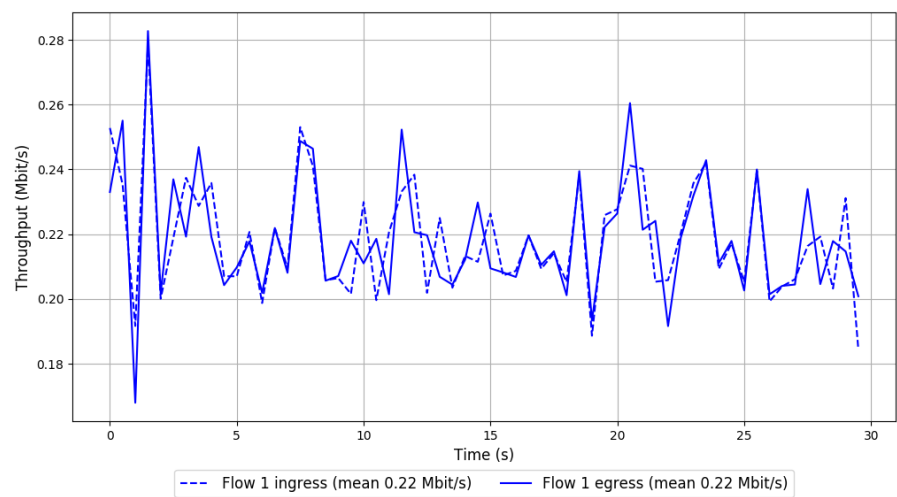
Run 2: Report of SCReAM — Data Link

```
Run 3: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 19:42:27 +0000
End at: Sun, 16 Jul 2017 19:42:57 +0000
Local clock offset: -2.882 ms
Remote clock offset: 4.333 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.978 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.978 ms
Loss rate: 0.00%
```
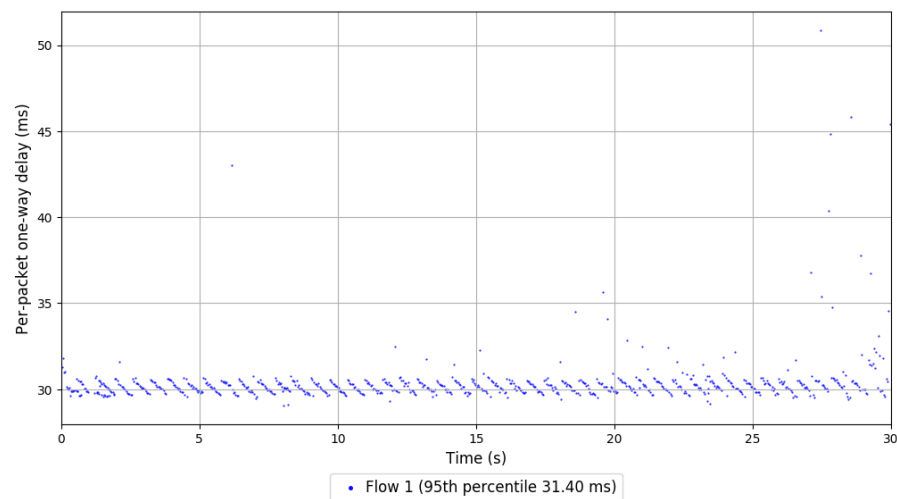
Run 3: Report of SCReAM — Data Link

```
Run 4: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 19:59:23 +0000
End at: Sun, 16 Jul 2017 19:59:53 +0000
Local clock offset: -0.31 ms
Remote clock offset: 4.629 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 31.118 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 31.118 ms
Loss rate: 0.00%
```
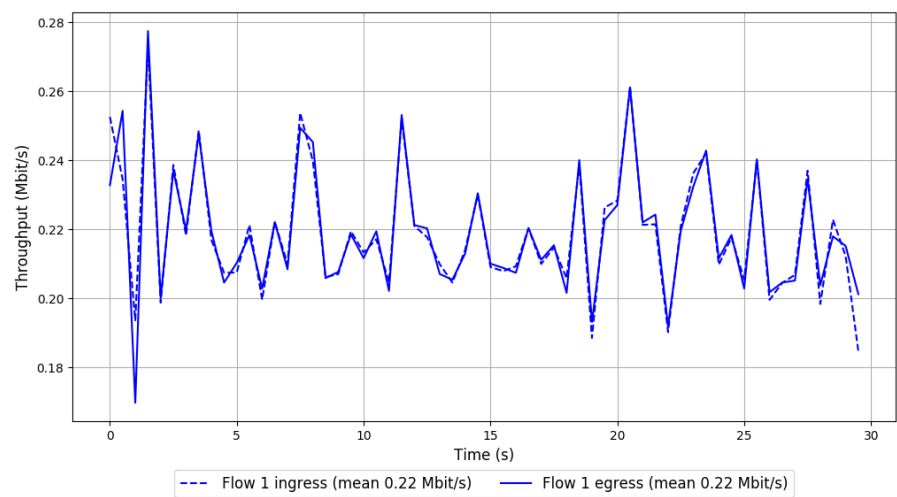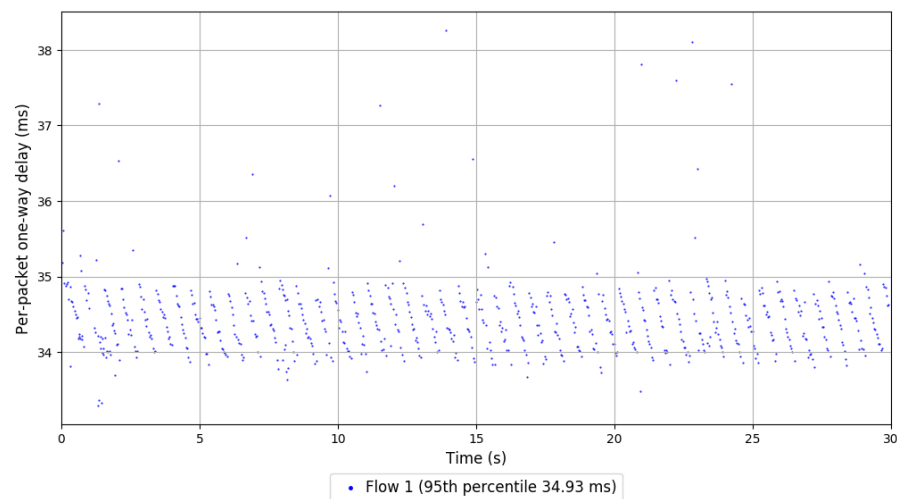
Run 4: Report of SCReAM — Data Link

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```
Run 5: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 20:16:20 +0000
End at: Sun, 16 Jul 2017 20:16:50 +0000
Local clock offset: -1.975 ms
Remote clock offset: 3.827 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 31.401 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 31.401 ms
Loss rate: 0.00%
```
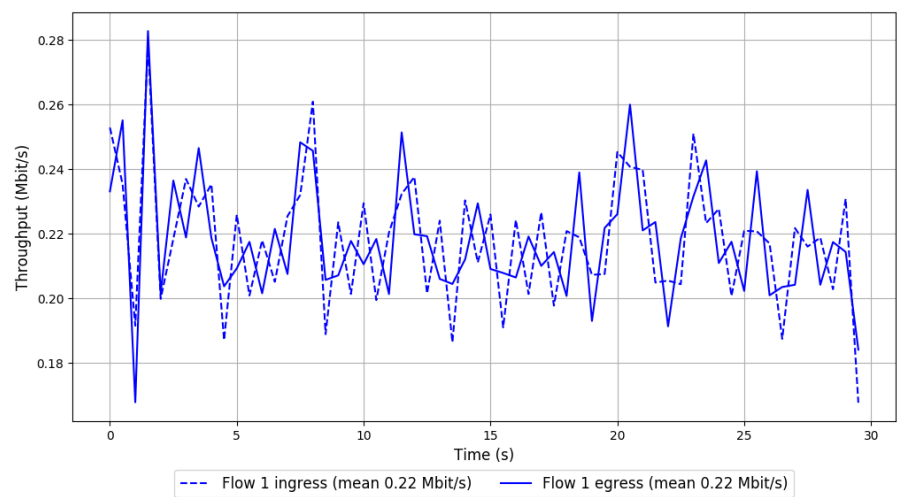
Run 5: Report of SCReAM — Data Link

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```
Run 6: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 20:33:23 +0000
End at: Sun, 16 Jul 2017 20:33:53 +0000
Local clock offset: 0.852 ms
Remote clock offset: 6.198 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.933 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.933 ms
Loss rate: 0.00%
```
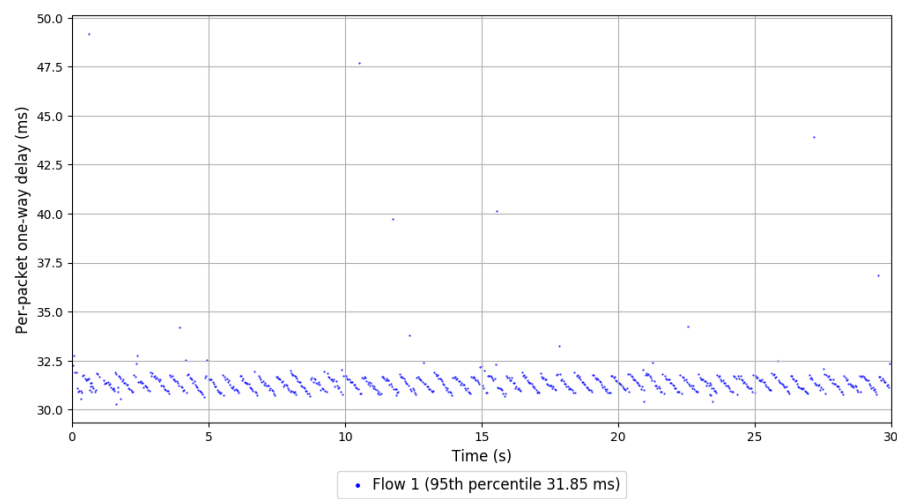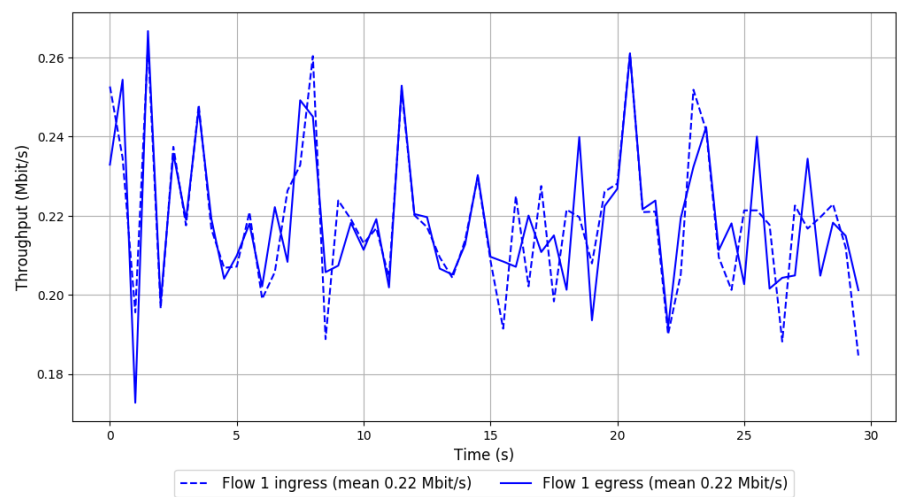
Run 6: Report of SCReAM — Data Link

```
Run 7: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 20:50:20 +0000
End at: Sun, 16 Jul 2017 20:50:50 +0000
Local clock offset: -1.611 ms
Remote clock offset: 3.089 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 31.854 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 31.854 ms
Loss rate: 0.00%
```
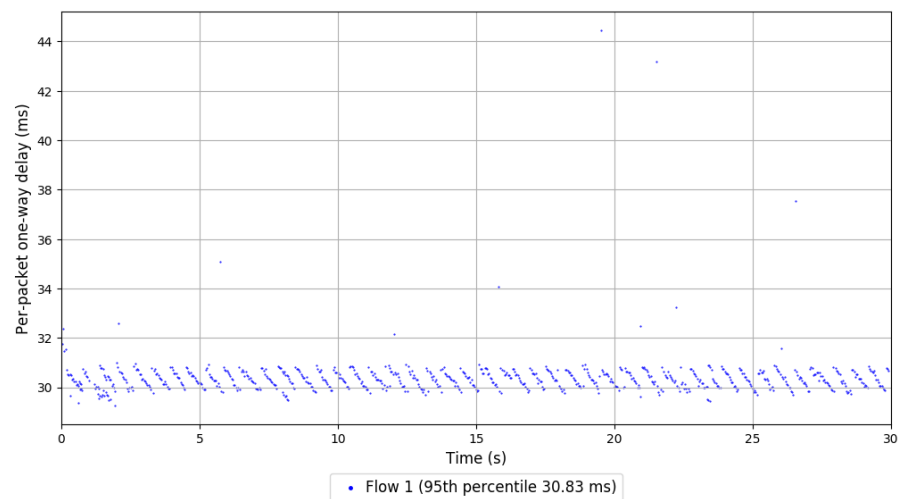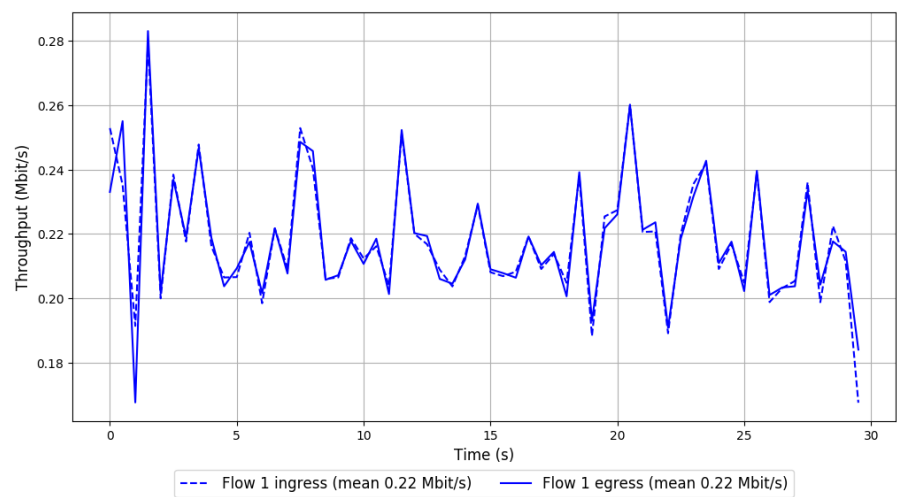
Run 7: Report of SCReAM — Data Link

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

Flow 1 (95th percentile 31.85 ms)

```
Run 8: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 21:07:20 +0000
End at: Sun, 16 Jul 2017 21:07:50 +0000
Local clock offset: 1.912 ms
Remote clock offset: 3.548 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.827 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.827 ms
Loss rate: 0.00%
```
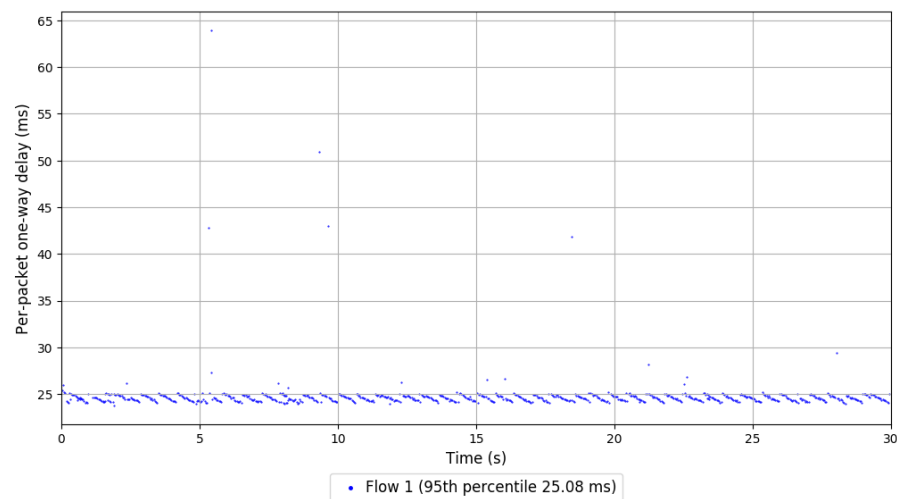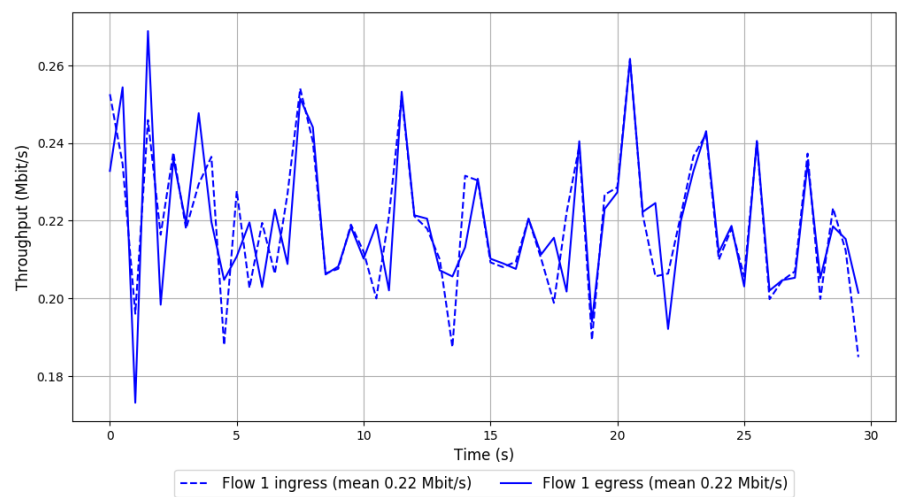
Run 8: Report of SCReAM — Data Link

```
Run 9: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 21:24:19 +0000
End at: Sun, 16 Jul 2017 21:24:49 +0000
Local clock offset: 3.168 ms
Remote clock offset: 3.008 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.083 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.083 ms
Loss rate: 0.00%
```
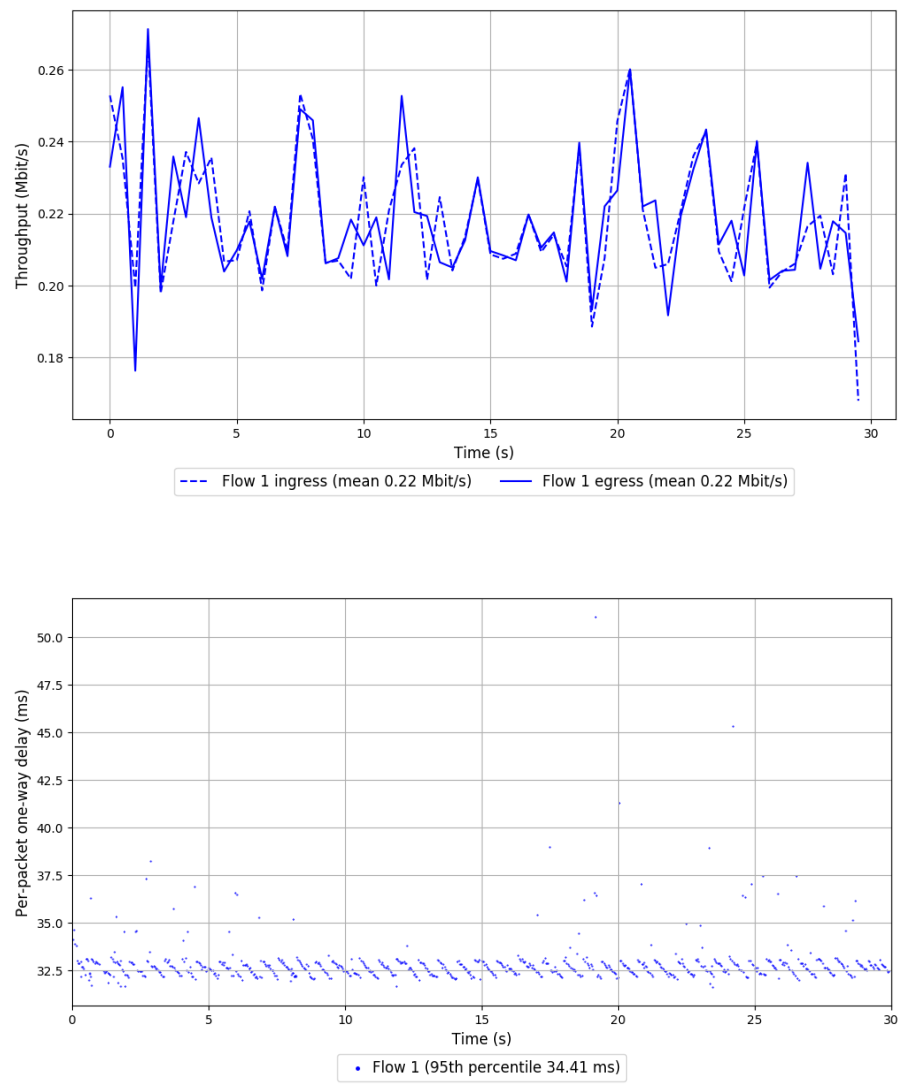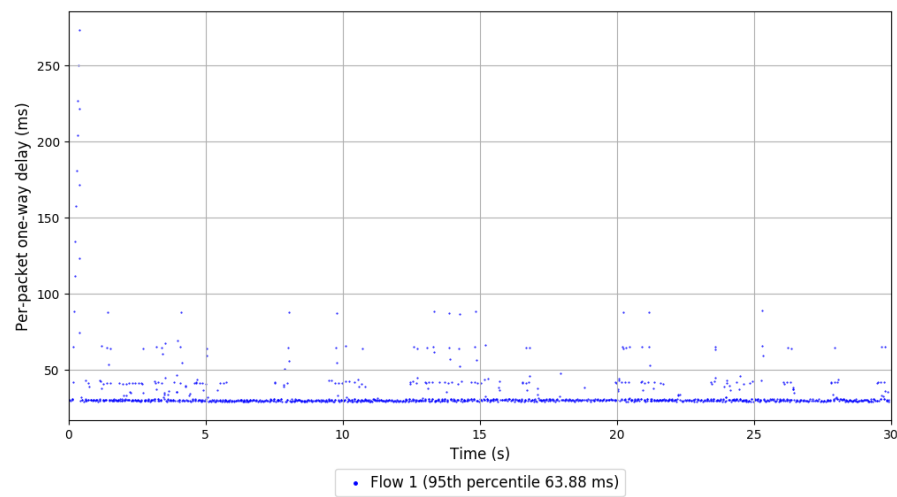
Run 9: Report of SCReAM — Data Link

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

Flow 1 (95th percentile 25.08 ms)

```
Run 10: Statistics of SCReAM

Start at: Sun, 16 Jul 2017 21:41:23 +0000
End at: Sun, 16 Jul 2017 21:41:53 +0000
Local clock offset: -0.861 ms
Remote clock offset: 3.855 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.412 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 34.412 ms
Loss rate: 0.00%
```
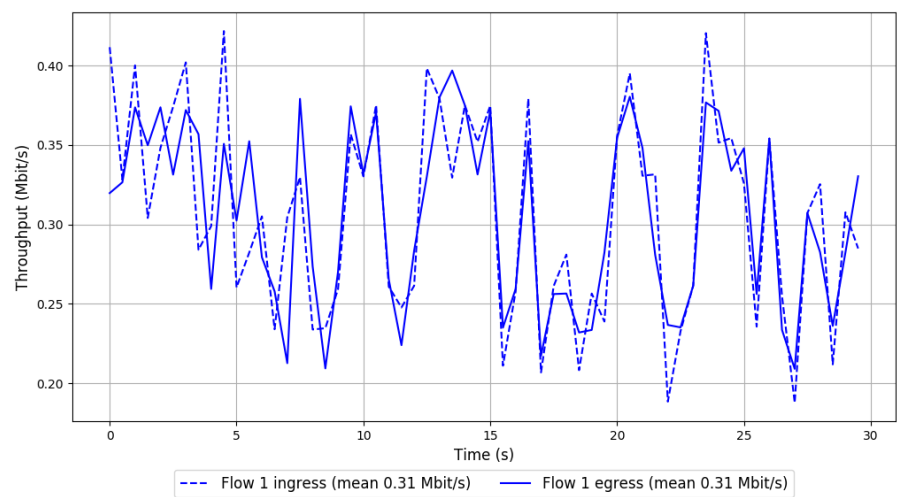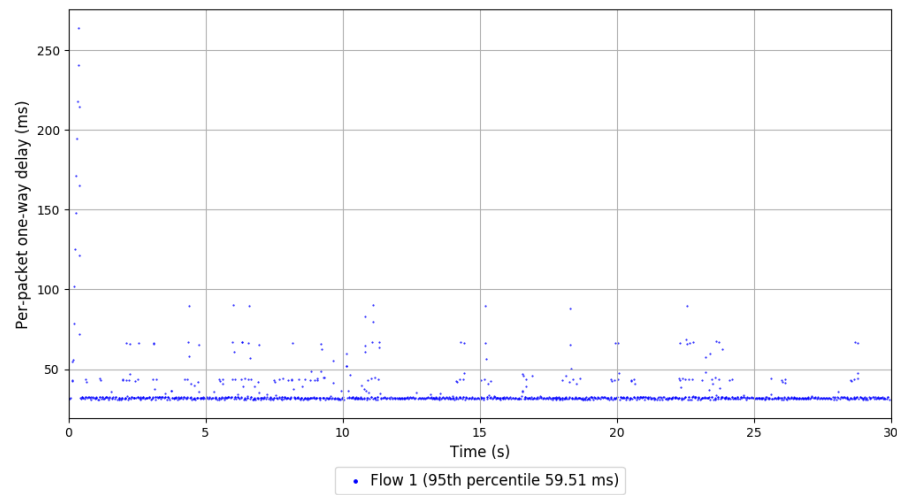
Run 10: Report of SCReAM — Data Link

```
Run 1: Statistics of Sprout

Start at: Sun, 16 Jul 2017 19:22:52 +0000
End at: Sun, 16 Jul 2017 19:23:22 +0000
Local clock offset: -2.537 ms
Remote clock offset: 4.498 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 63.882 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 63.882 ms
Loss rate: 0.26%
```
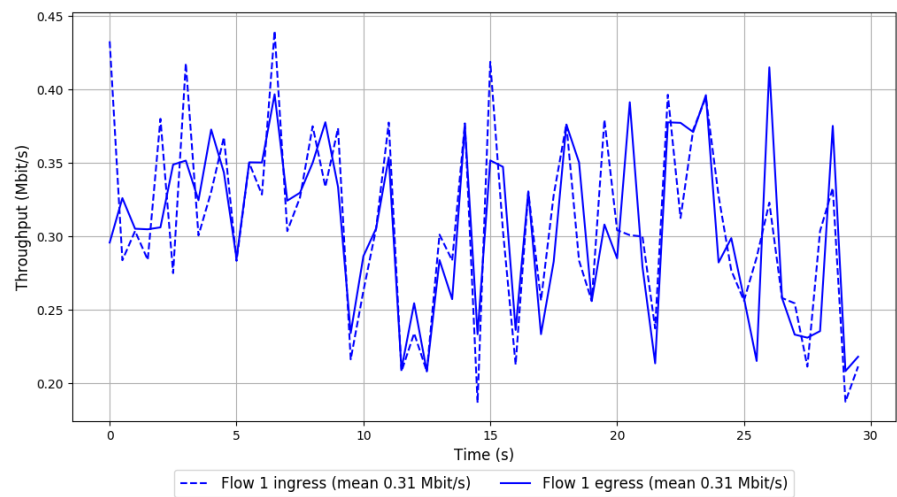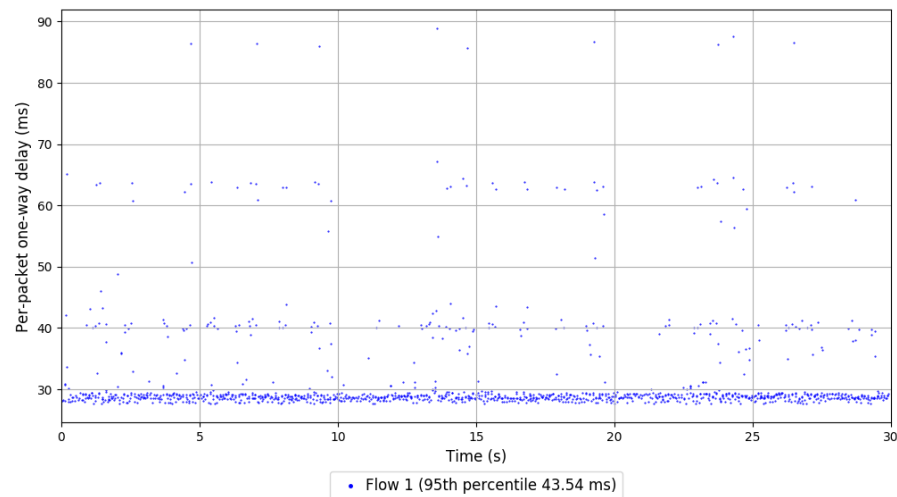
Run 1: Report of Sprout — Data Link

```
Run 2: Statistics of Sprout

Start at: Sun, 16 Jul 2017 19:40:02 +0000
End at: Sun, 16 Jul 2017 19:40:32 +0000
Local clock offset: -2.413 ms
Remote clock offset: 6.455 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 59.512 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 59.512 ms
Loss rate: 0.38%
```
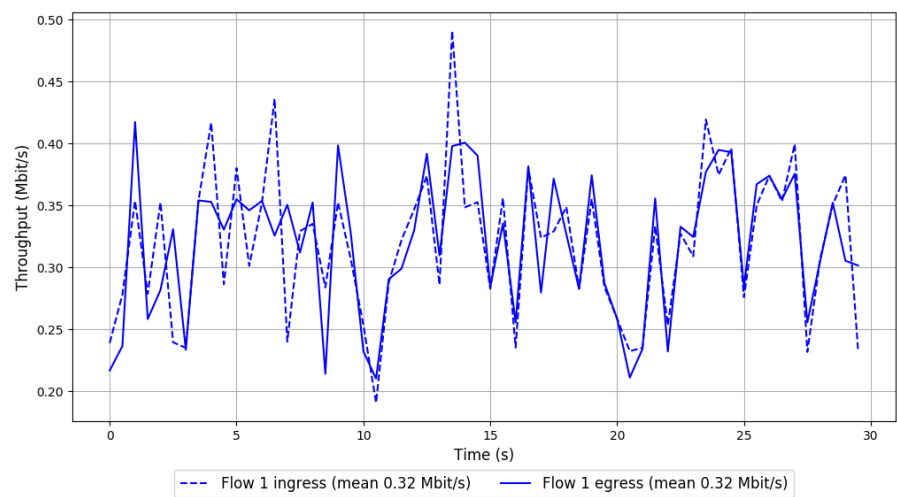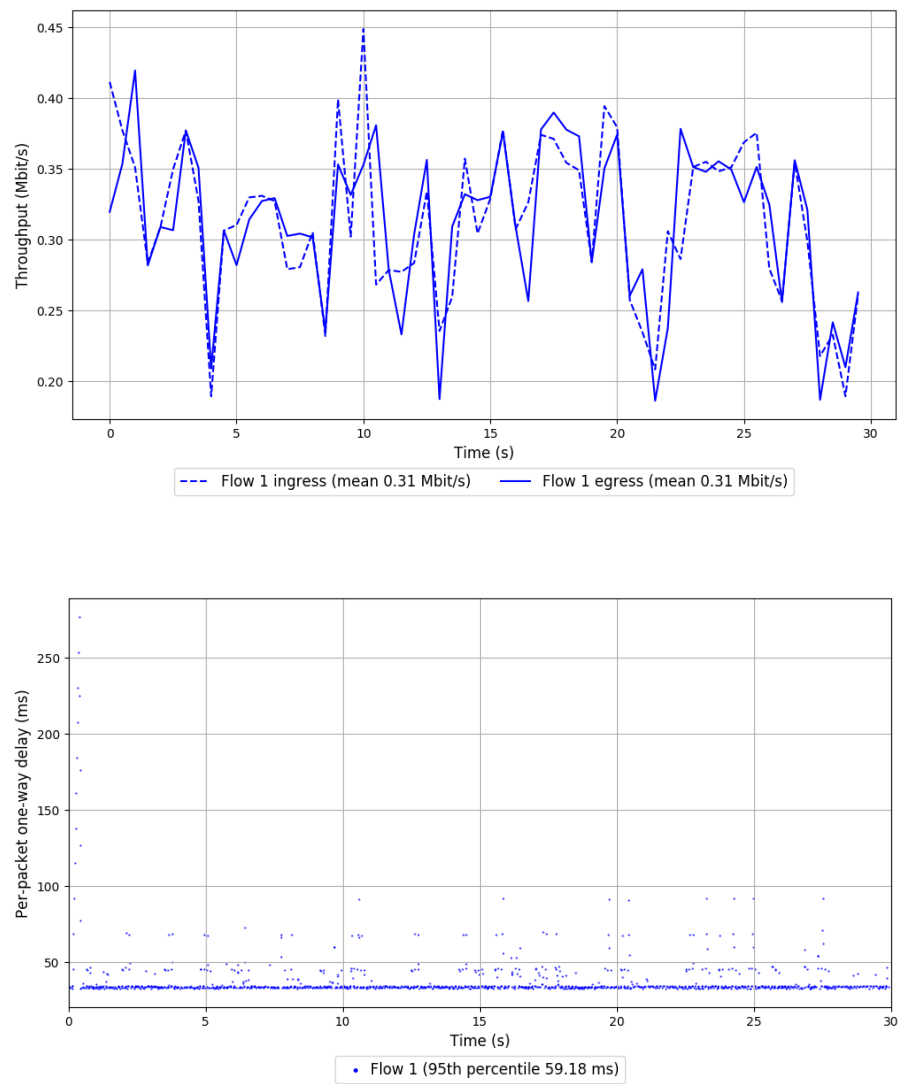
Run 2: Report of Sprout — Data Link

```
Run 3: Statistics of Sprout

Start at: Sun, 16 Jul 2017 19:56:57 +0000
End at: Sun, 16 Jul 2017 19:57:27 +0000
Local clock offset: 0.04 ms
Remote clock offset: 4.89 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 43.538 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 43.538 ms
Loss rate: 0.00%
```
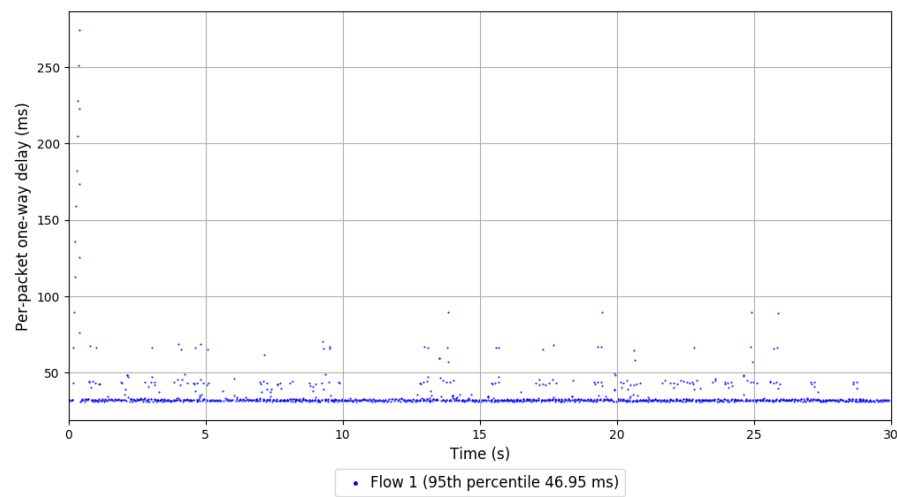
Run 3: Report of Sprout — Data Link

```
Run 4: Statistics of Sprout

Start at: Sun, 16 Jul 2017 20:13:54 +0000
End at: Sun, 16 Jul 2017 20:14:24 +0000
Local clock offset: -1.539 ms
Remote clock offset: 4.865 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 59.177 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 59.177 ms
Loss rate: 0.25%
```
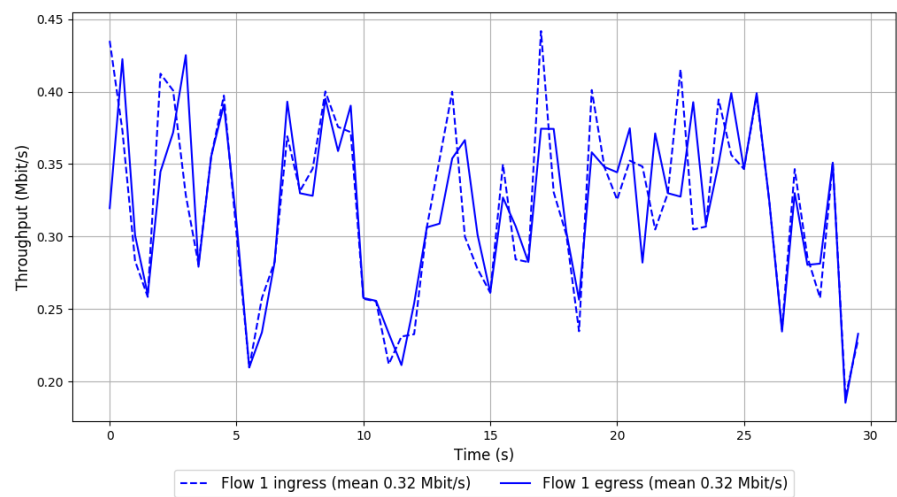
Run 4: Report of Sprout — Data Link

```
Run 5: Statistics of Sprout

Start at: Sun, 16 Jul 2017 20:30:56 +0000
End at: Sun, 16 Jul 2017 20:31:26 +0000
Local clock offset: -0.941 ms
Remote clock offset: 5.071 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 46.950 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 46.950 ms
Loss rate: 0.24%
```
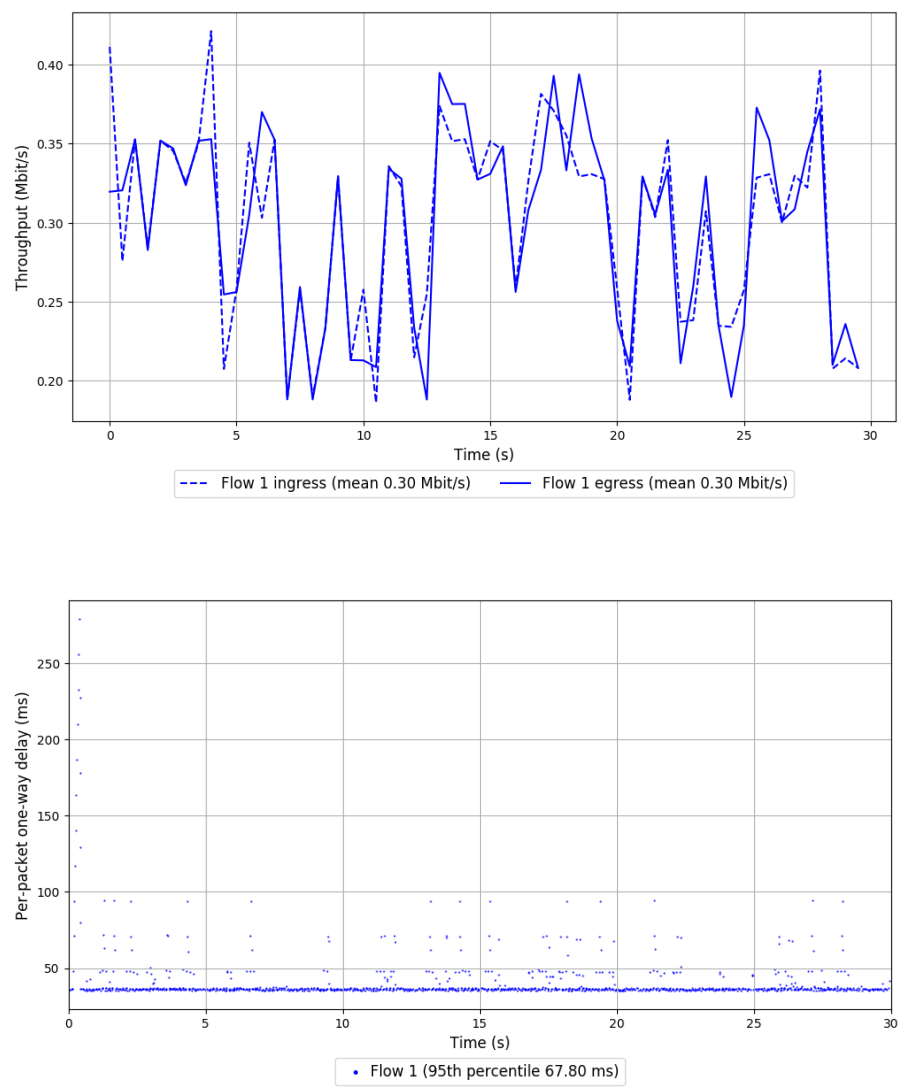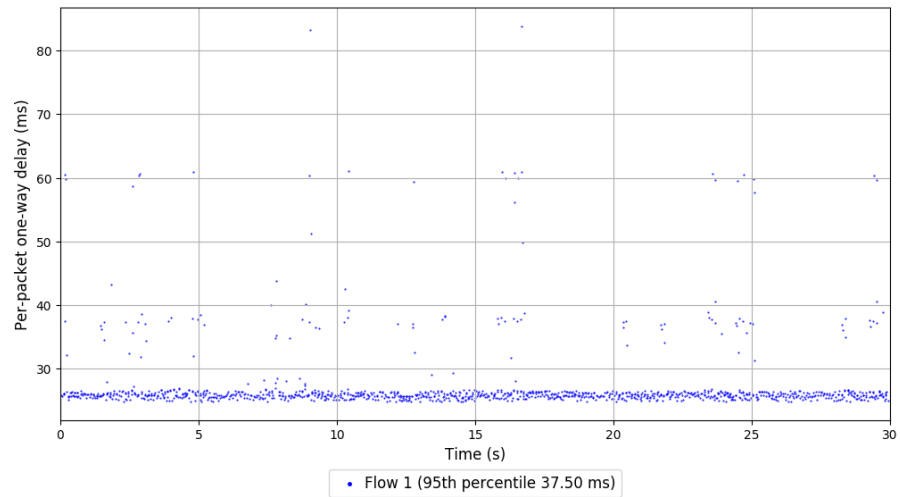
Run 5: Report of Sprout — Data Link

```
Run 6: Statistics of Sprout

Start at: Sun, 16 Jul 2017 20:47:54 +0000
End at: Sun, 16 Jul 2017 20:48:24 +0000
Local clock offset: -1.626 ms
Remote clock offset: 5.244 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 67.804 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 67.804 ms
Loss rate: 0.26%
```
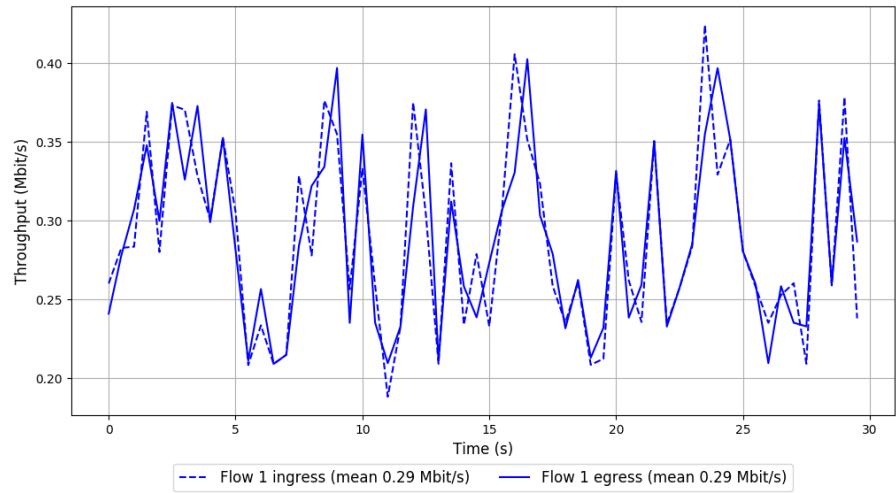
Run 6: Report of Sprout — Data Link

```
Run 7: Statistics of Sprout

Start at: Sun, 16 Jul 2017 21:04:54 +0000
End at: Sun, 16 Jul 2017 21:05:24 +0000
Local clock offset: 2.419 ms
Remote clock offset: 3.916 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 37.498 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 37.498 ms
Loss rate: 0.00%
```
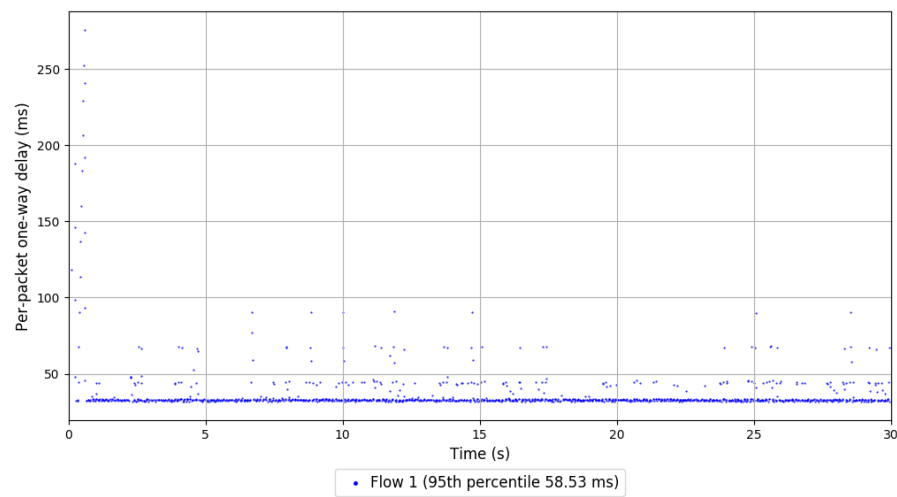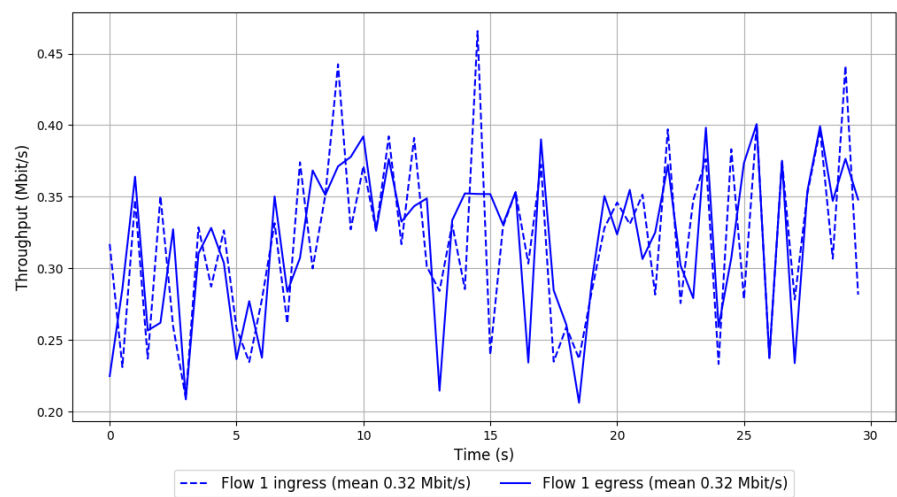
Run 7: Report of Sprout — Data Link

```
Run 8: Statistics of Sprout

Start at: Sun, 16 Jul 2017 21:21:52 +0000
End at: Sun, 16 Jul 2017 21:22:22 +0000
Local clock offset: -0.889 ms
Remote clock offset: 4.554 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 58.534 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 58.534 ms
Loss rate: 0.00%
```
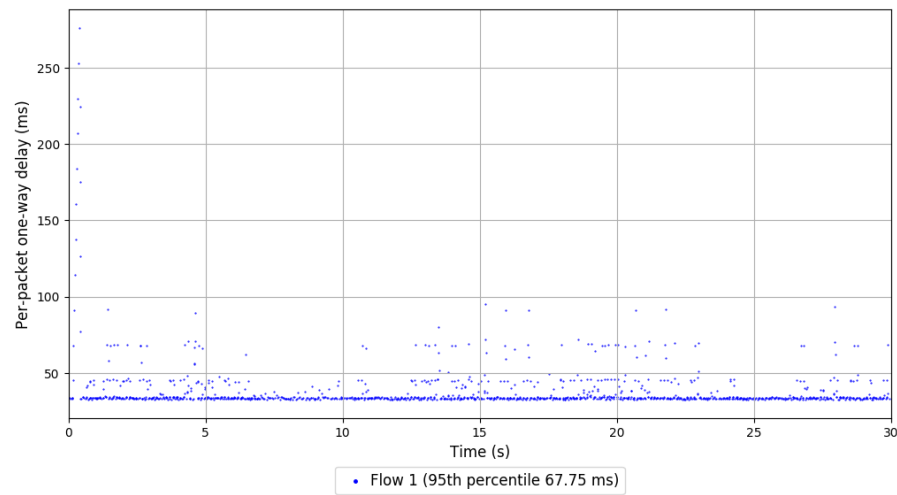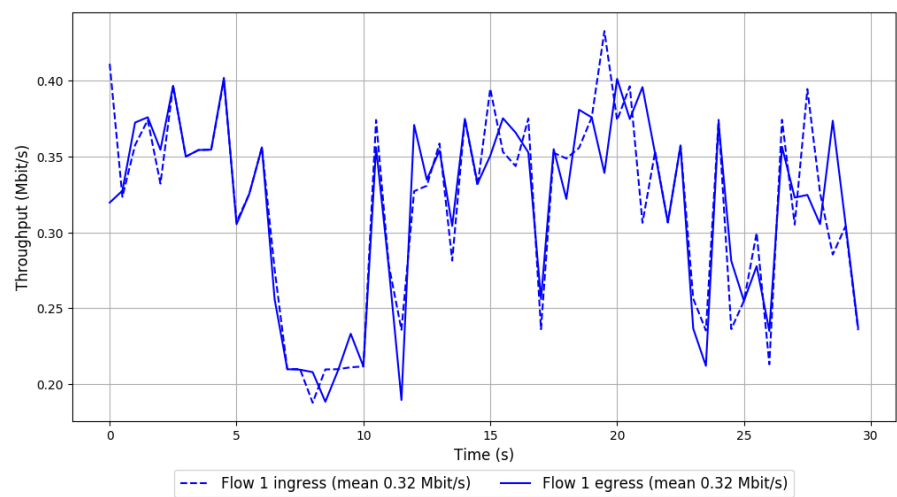
Run 8: Report of Sprout — Data Link

```
Run 9: Statistics of Sprout

Start at: Sun, 16 Jul 2017 21:38:57 +0000
End at: Sun, 16 Jul 2017 21:39:27 +0000
Local clock offset: 0.866 ms
Remote clock offset: 3.933 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 67.745 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 67.745 ms
Loss rate: 0.25%
```
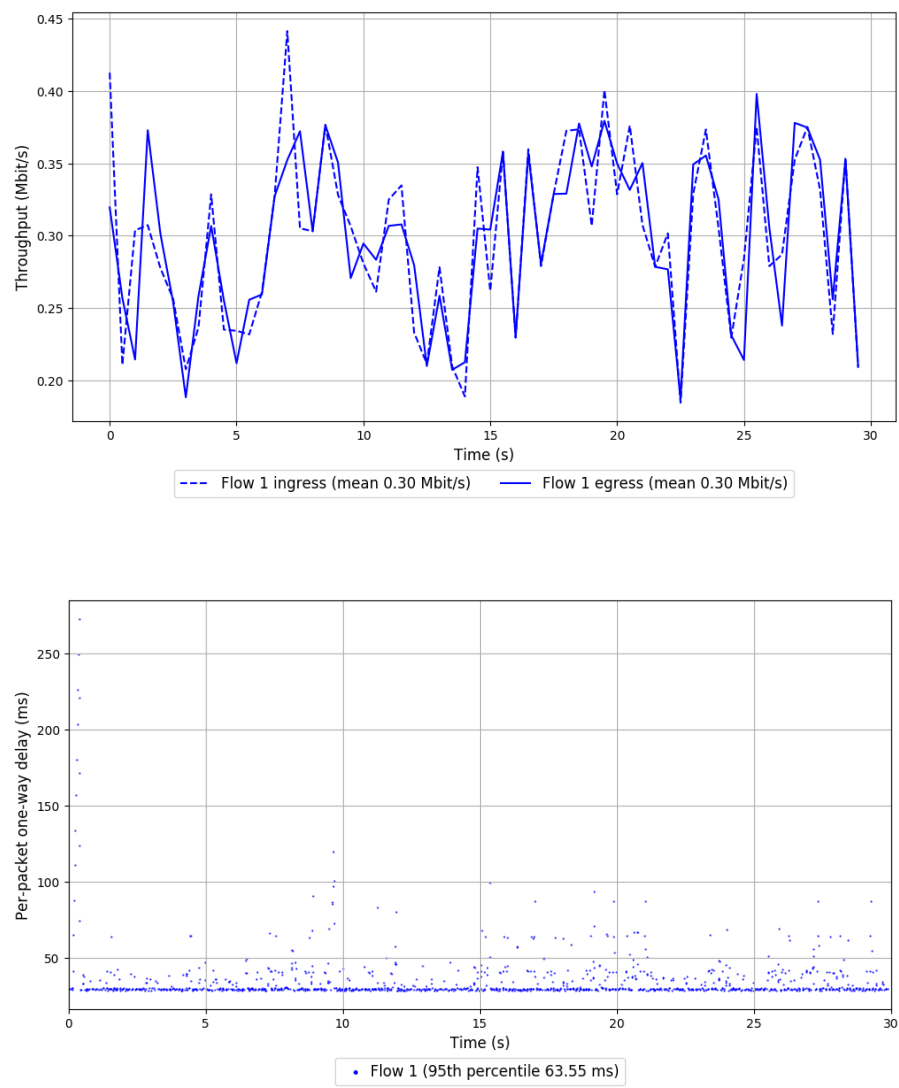
Run 9: Report of Sprout — Data Link
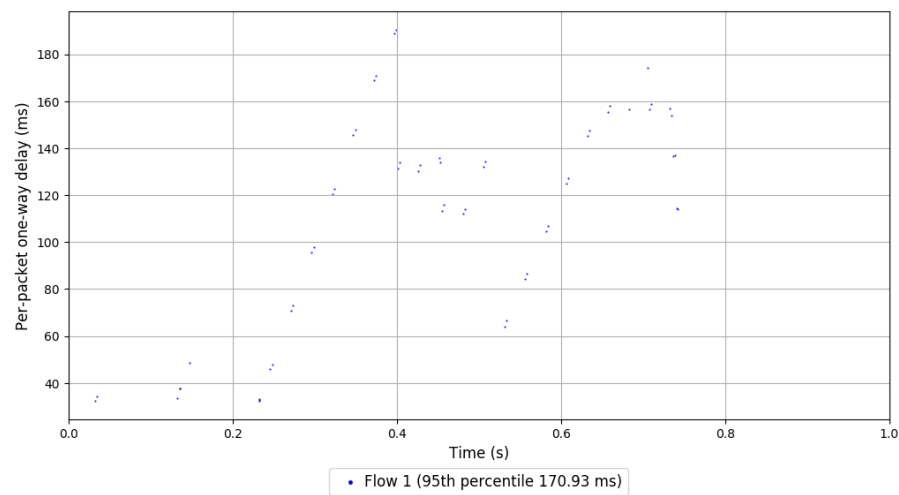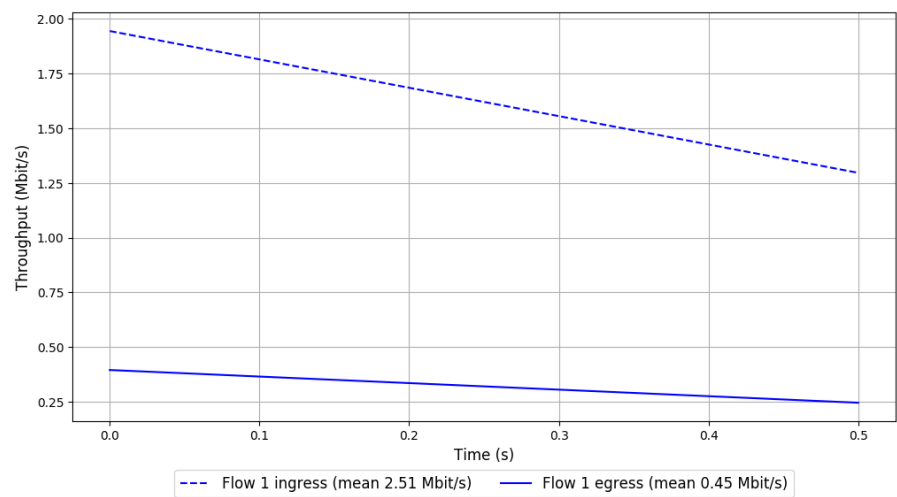
```
Run 10: Statistics of Sprout

Start at: Sun, 16 Jul 2017 21:55:54 +0000
End at: Sun, 16 Jul 2017 21:56:24 +0000
Local clock offset: 1.872 ms
Remote clock offset: 3.726 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 63.554 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 63.554 ms
Loss rate: 0.26%
```

Run 10: Report of Sprout — Data Link

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

Start at: Sun, 16 Jul 2017 19:21:41 +0000
End at: Sun, 16 Jul 2017 19:22:11 +0000
Local clock offset: -2.822 ms
Remote clock offset: 4.759 ms
```

Run 1: Report of TaoVA-100x — Data Link
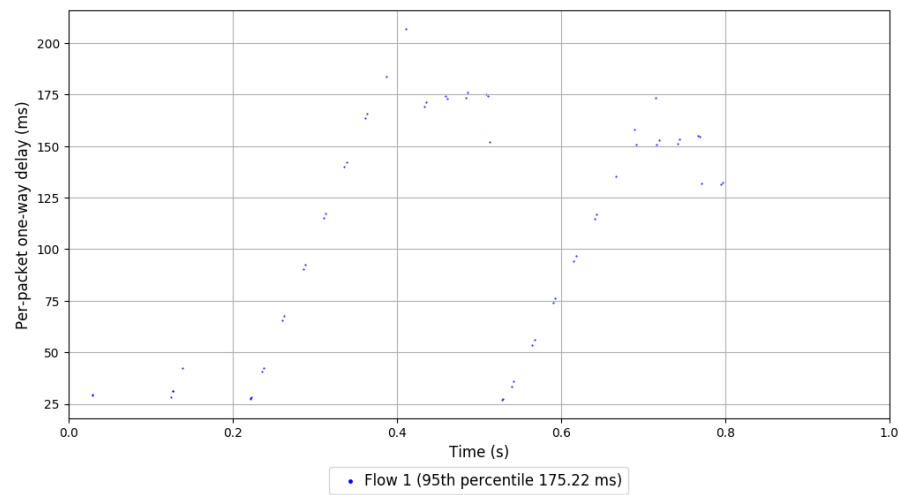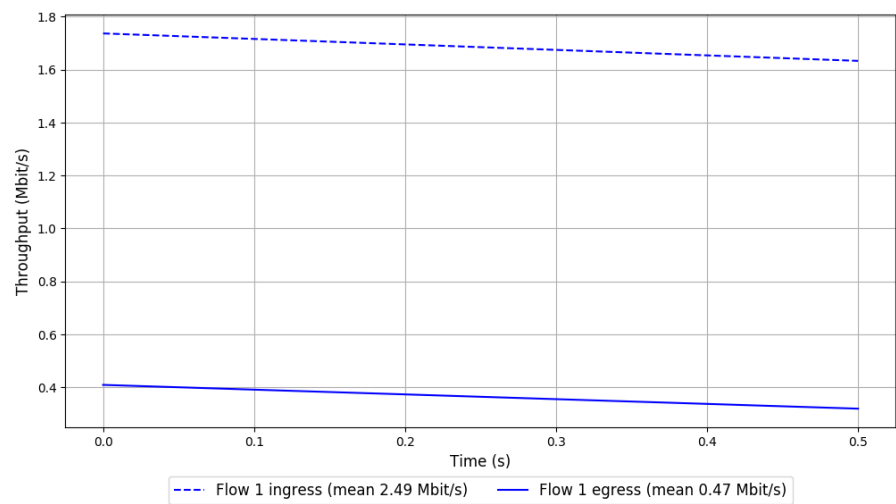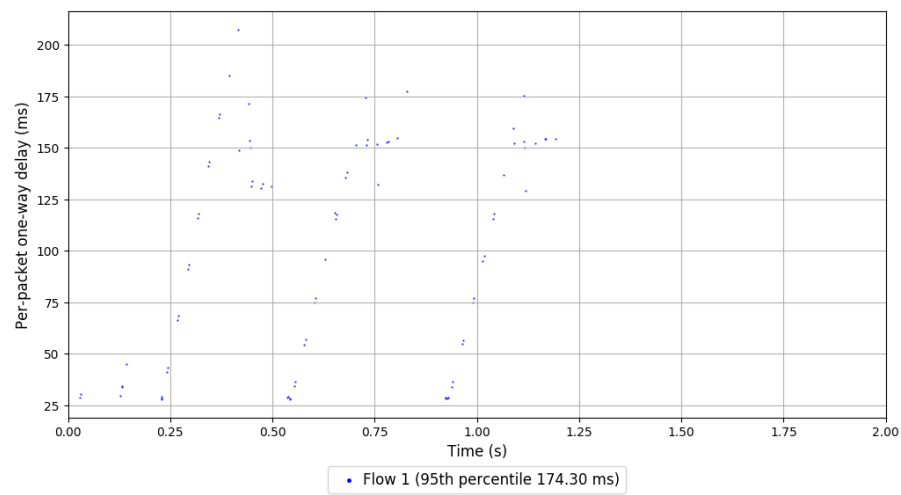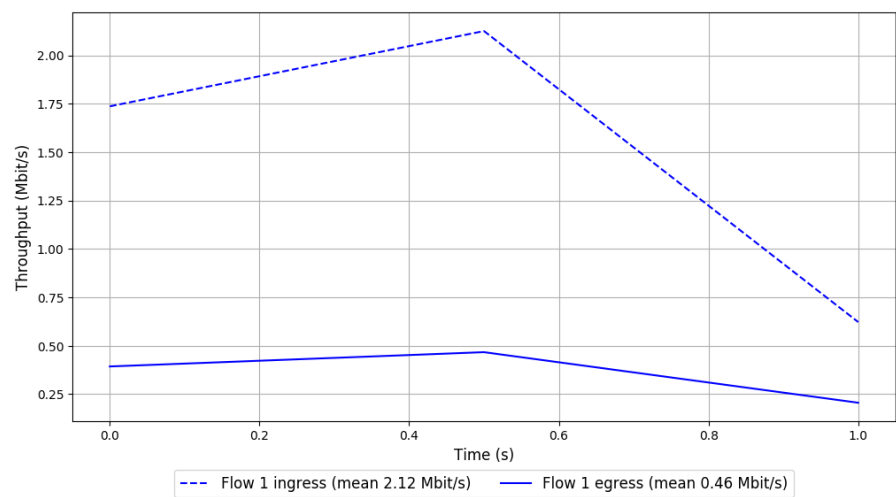
```
Run 2: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 19:38:50 +0000
End at: Sun, 16 Jul 2017 19:39:20 +0000
Local clock offset: 0.344 ms
Remote clock offset: 4.914 ms
```

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

Flow 1 ingress (mean 2.49 Mbit/s)   Flow 1 egress (mean 0.47 Mbit/s)

Flow 1 (95th percentile 175.22 ms)

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

Start at: Sun, 16 Jul 2017 19:55:46 +0000
End at: Sun, 16 Jul 2017 19:56:16 +0000
Local clock offset: 0.597 ms
Remote clock offset: 3.697 ms
```

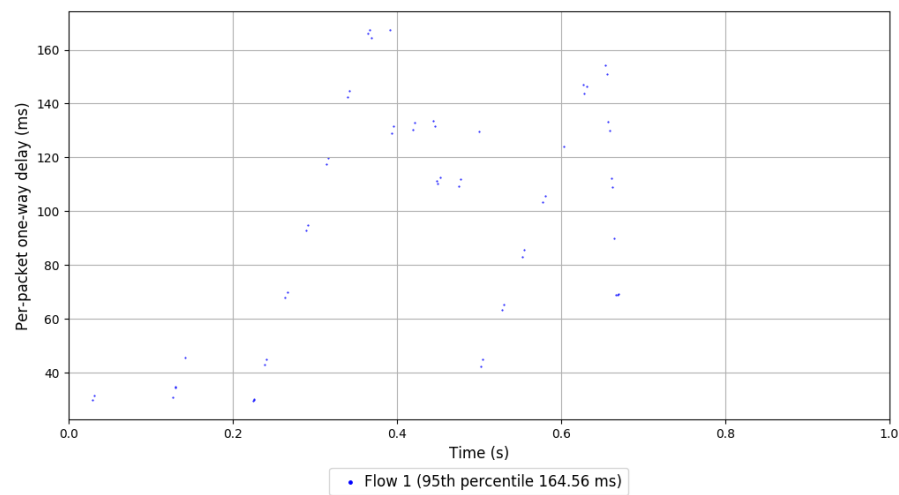# Run 3: Report of TaoVA-100x — Data Link
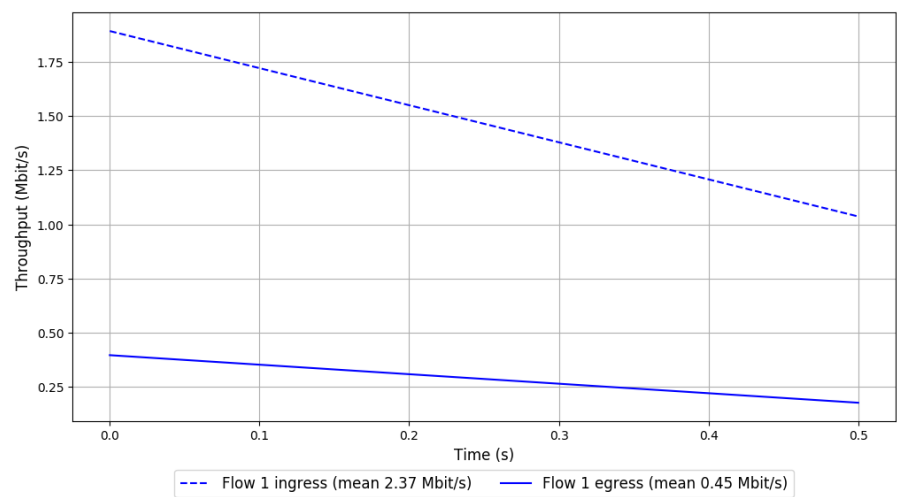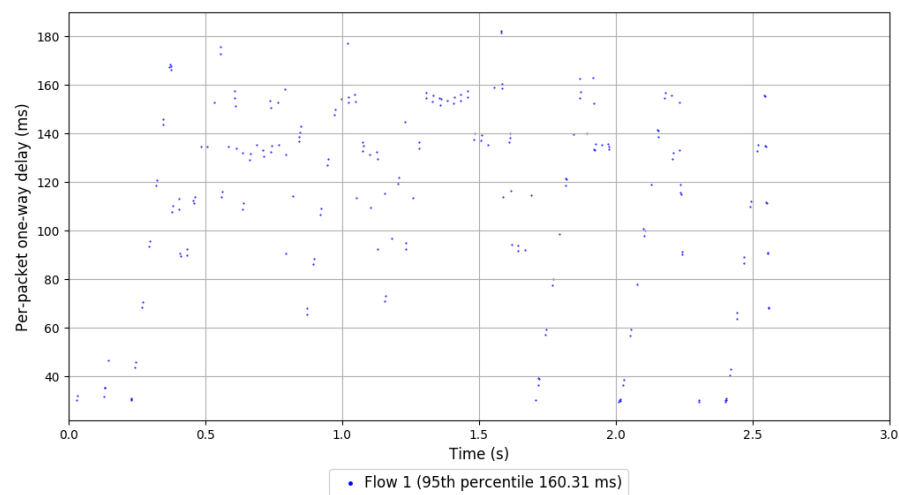
```
Run 4: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 20:12:42 +0000
End at: Sun, 16 Jul 2017 20:13:12 +0000
Local clock offset: -2.255 ms
Remote clock offset: 3.323 ms
```

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

Flow 1 ingress (mean 2.37 Mbit/s)   Flow 1 egress (mean 0.45 Mbit/s)

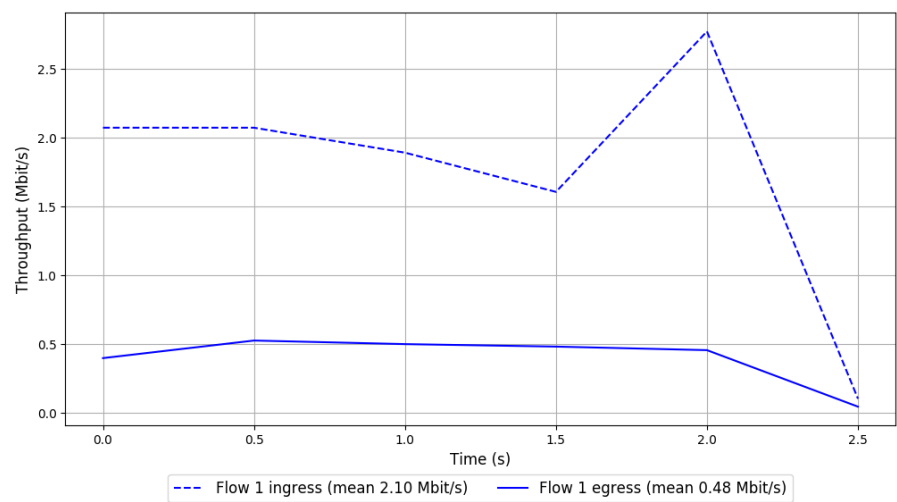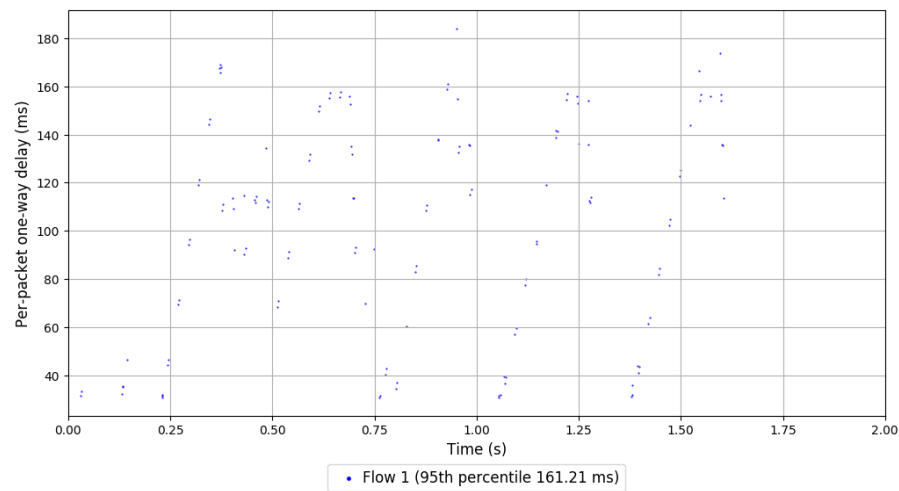Flow 1 (95th percentile 164.56 ms)

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

Start at: Sun, 16 Jul 2017 20:29:44 +0000
End at: Sun, 16 Jul 2017 20:30:14 +0000
Local clock offset: 0.946 ms
Remote clock offset: 5.346 ms
```

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

Flow 1 ingress (mean 2.10 Mbit/s)   Flow 1 egress (mean 0.48 Mbit/s)

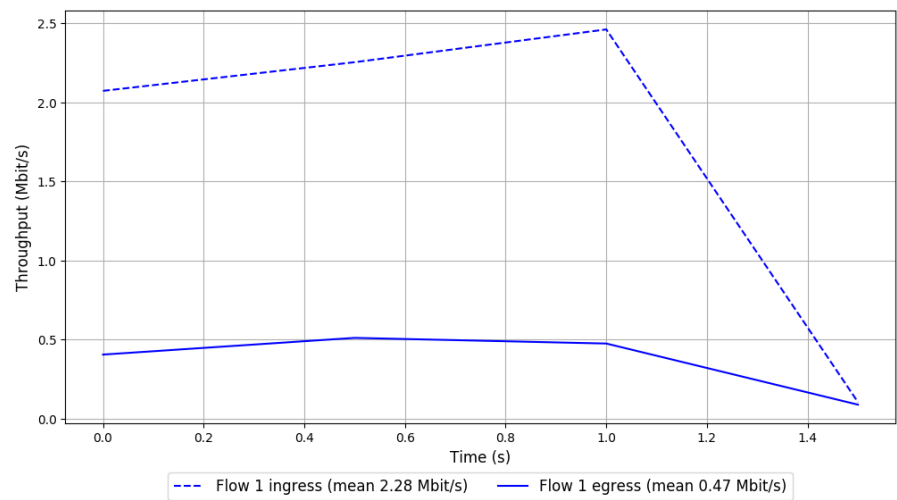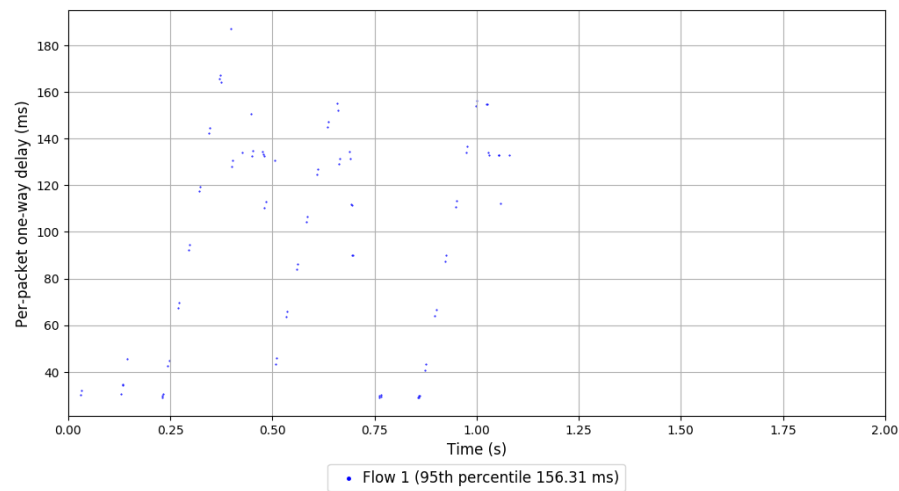Flow 1 (95th percentile 160.31 ms)

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

Start at: Sun, 16 Jul 2017 20:46:43 +0000
End at: Sun, 16 Jul 2017 20:47:13 +0000
Local clock offset: 2.27 ms
Remote clock offset: 5.573 ms
```

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

Flow 1 ingress (mean 2.28 Mbit/s)   Flow 1 egress (mean 0.47 Mbit/s)

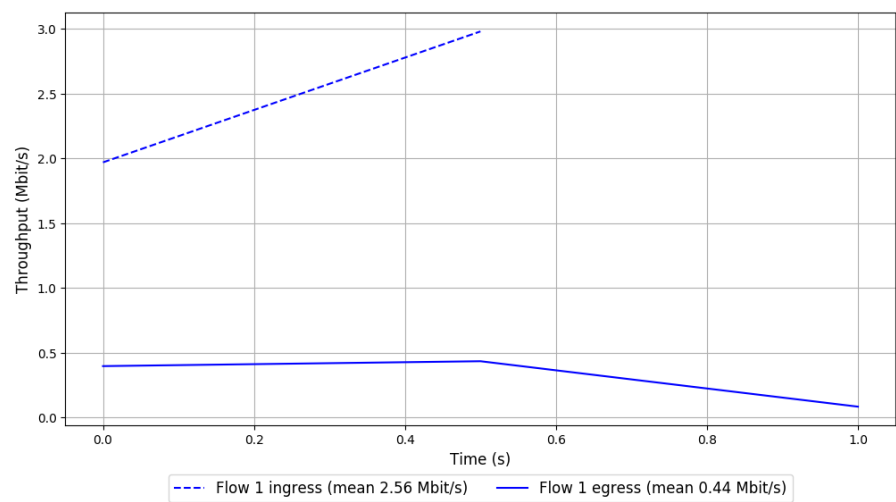Flow 1 (95th percentile 161.21 ms)

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

Start at: Sun, 16 Jul 2017 21:03:42 +0000
End at: Sun, 16 Jul 2017 21:04:12 +0000
Local clock offset: 2.001 ms
Remote clock offset: 3.295 ms
```

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

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

Start at: Sun, 16 Jul 2017 21:20:41 +0000
End at: Sun, 16 Jul 2017 21:21:11 +0000
Local clock offset: 0.115 ms
Remote clock offset: 4.024 ms
```
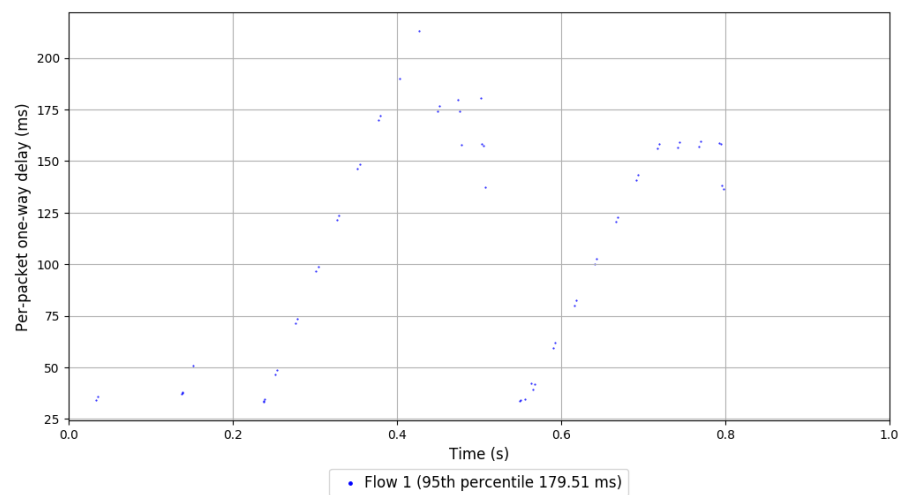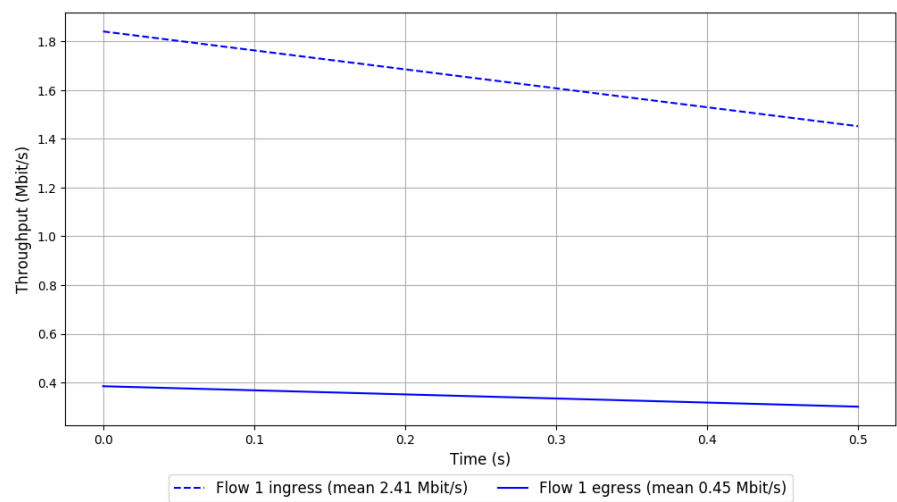
Run 8: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 2.41 Mbit/s)   Flow 1 egress (mean 0.45 Mbit/s)

Flow 1 (95th percentile 179.51 ms)
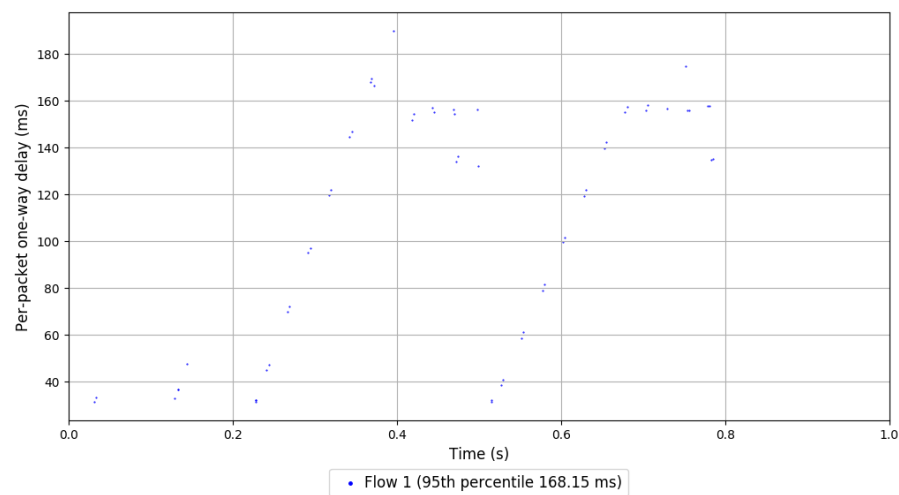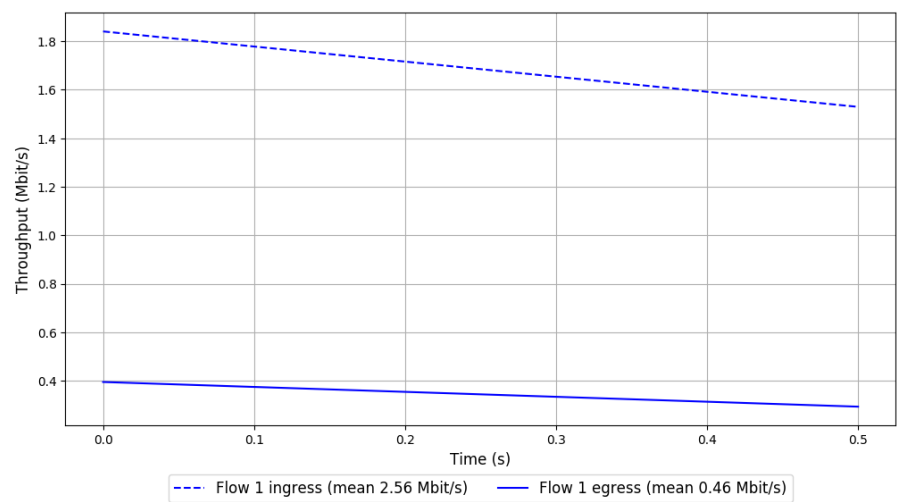
Run 9: Statistics of TaoVA-100x

Start at: Sun, 16 Jul 2017 21:37:45 +0000
End at: Sun, 16 Jul 2017 21:38:15 +0000
Local clock offset: -0.396 ms
Remote clock offset: 4.07 ms

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

Flow 1 ingress (mean 2.56 Mbit/s)   Flow 1 egress (mean 0.46 Mbit/s)

Flow 1 (95th percentile 168.15 ms)

221

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

Start at: Sun, 16 Jul 2017 21:54:43 +0000
End at: Sun, 16 Jul 2017 21:55:13 +0000
Local clock offset: 2.338 ms
Remote clock offset: 4.426 ms
```
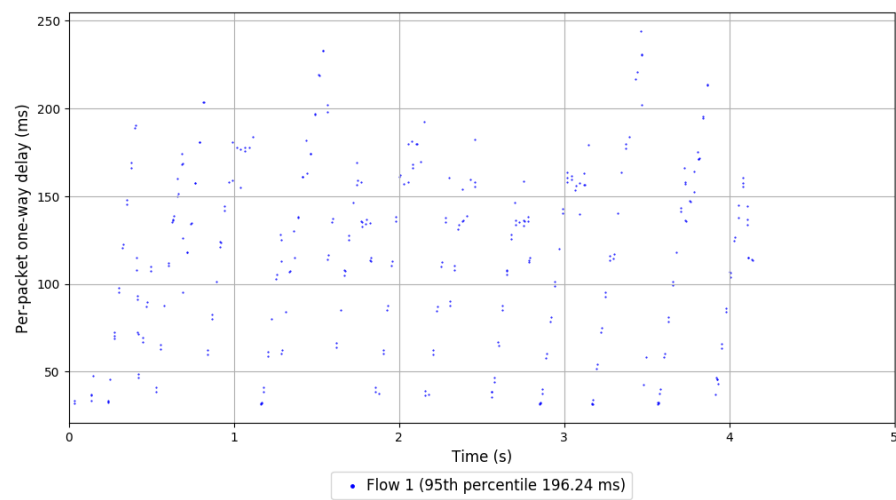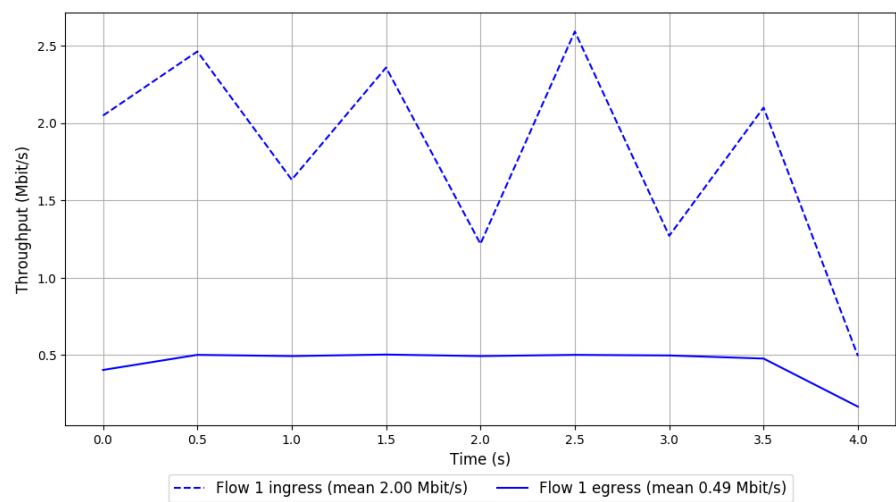
Run 10: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 2.00 Mbit/s)   Flow 1 egress (mean 0.49 Mbit/s)

Flow 1 (95th percentile 196.24 ms)

223

Run 1: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 19:09:29 +0000
End at: Sun, 16 Jul 2017 19:09:59 +0000
Local clock offset: 0.848 ms
Remote clock offset: 5.517 ms

Below is generated by plot.py at Mon, 17 Jul 2017 00:50:16 +0000
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 214.617 ms
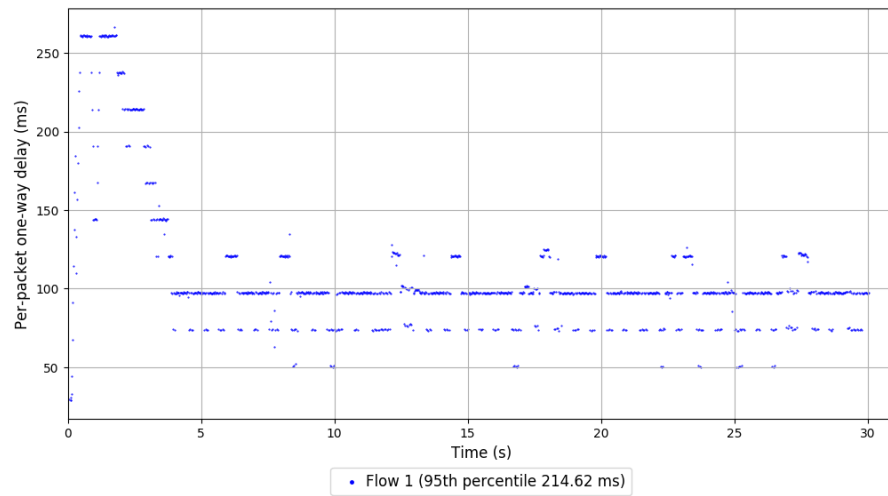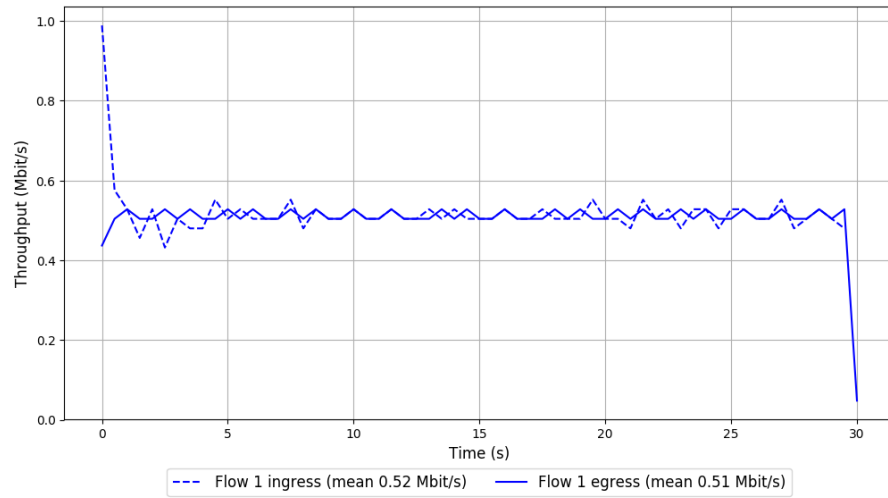Loss rate: 1.16%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 214.617 ms
Loss rate: 1.16%

Run 1: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 0.52 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 214.62 ms)

```
Run 2: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 19:26:28 +0000
End at: Sun, 16 Jul 2017 19:26:58 +0000
Local clock offset: -2.781 ms
Remote clock offset: 3.215 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 215.935 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 215.935 ms
Loss rate: 1.08%
```
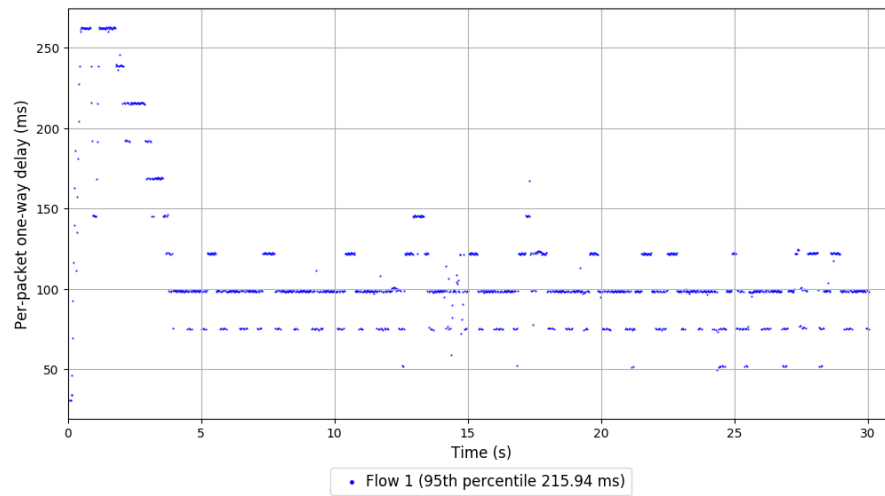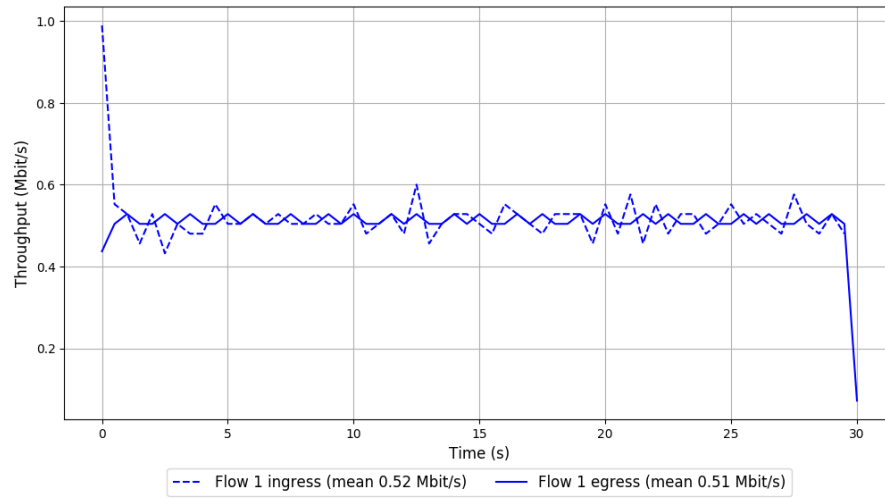
Run 2: Report of TCP Vegas — Data Link

```
Run 3: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 19:43:39 +0000
End at: Sun, 16 Jul 2017 19:44:09 +0000
Local clock offset: 0.979 ms
Remote clock offset: 4.618 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 214.530 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 214.530 ms
Loss rate: 1.16%
```
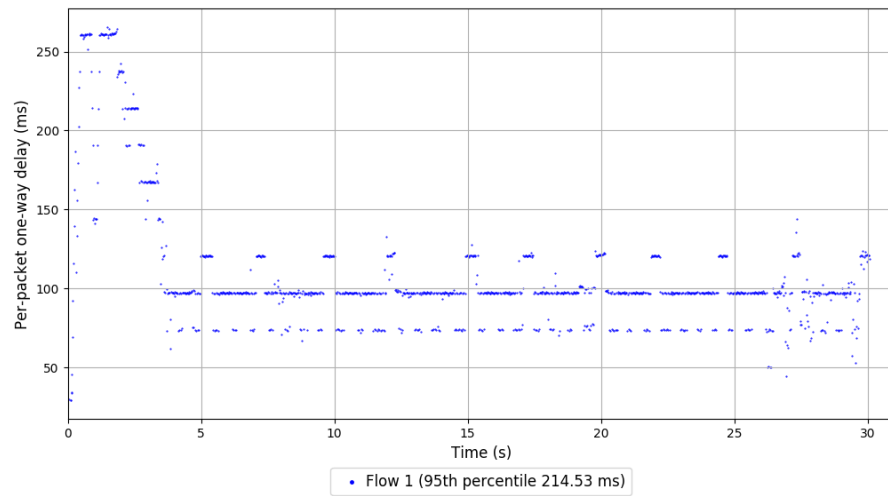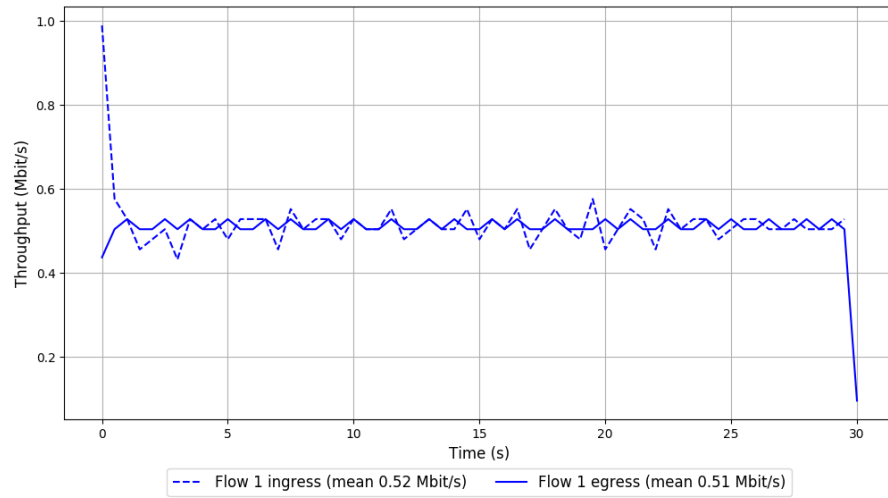
Run 3: Report of TCP Vegas — Data Link

```
Run 4: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 20:00:35 +0000
End at: Sun, 16 Jul 2017 20:01:05 +0000
Local clock offset: 1.399 ms
Remote clock offset: 4.339 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 167.363 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 167.363 ms
Loss rate: 1.00%
```
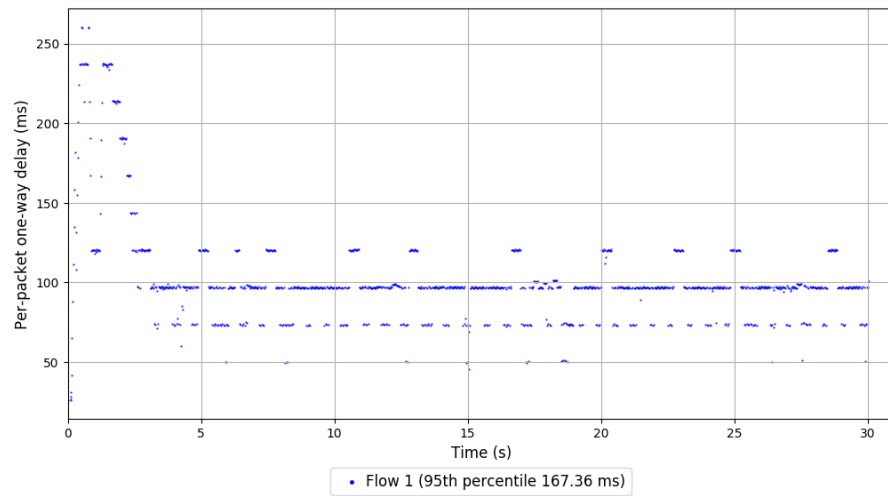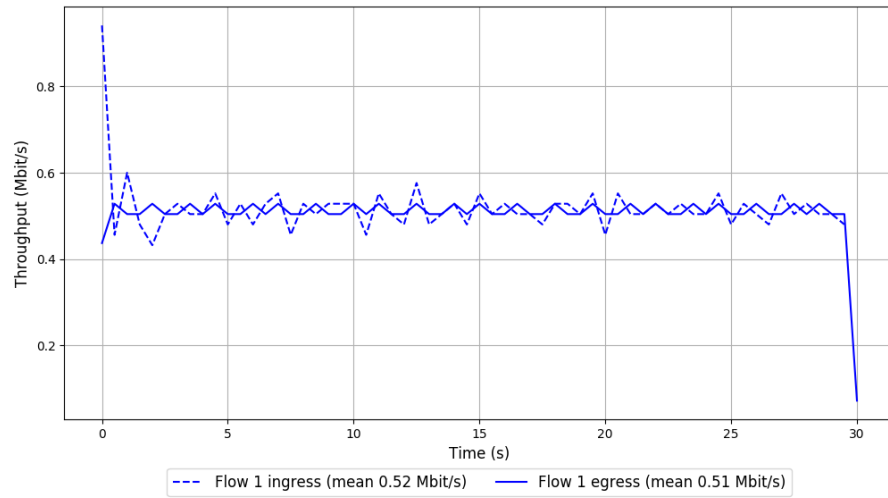
Run 4: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 0.52 Mbit/s) --- Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 167.36 ms)

```
Run 5: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 20:17:32 +0000
End at: Sun, 16 Jul 2017 20:18:02 +0000
Local clock offset: -0.915 ms
Remote clock offset: 4.495 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 217.191 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 217.191 ms
Loss rate: 1.16%
```
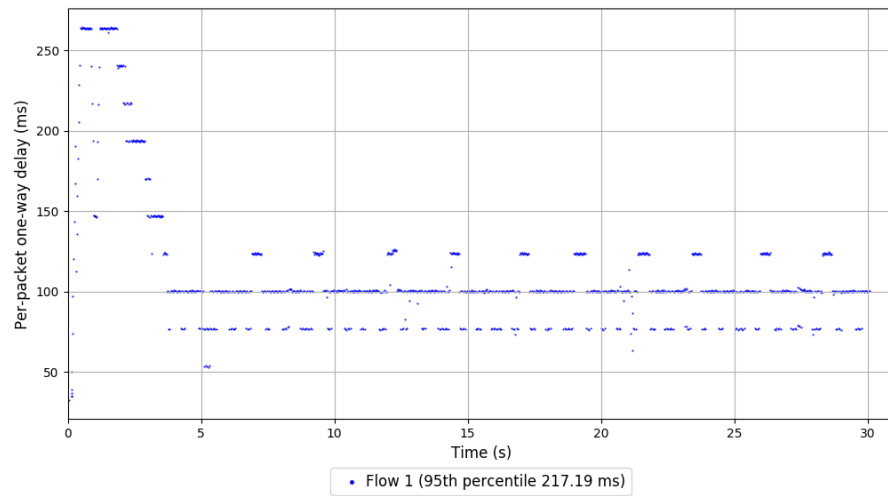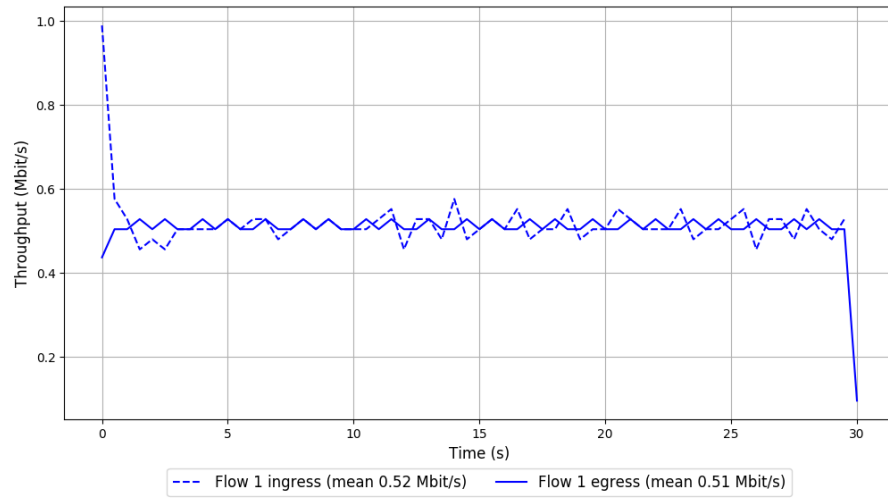
Run 5: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 0.52 Mbit/s) ---- Flow 1 egress (mean 0.51 Mbit/s) ——

Flow 1 (95th percentile 217.19 ms)

```
Run 6: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 20:34:35 +0000
End at: Sun, 16 Jul 2017 20:35:05 +0000
Local clock offset: 2.312 ms
Remote clock offset: 3.769 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 190.067 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 190.067 ms
Loss rate: 1.24%
```
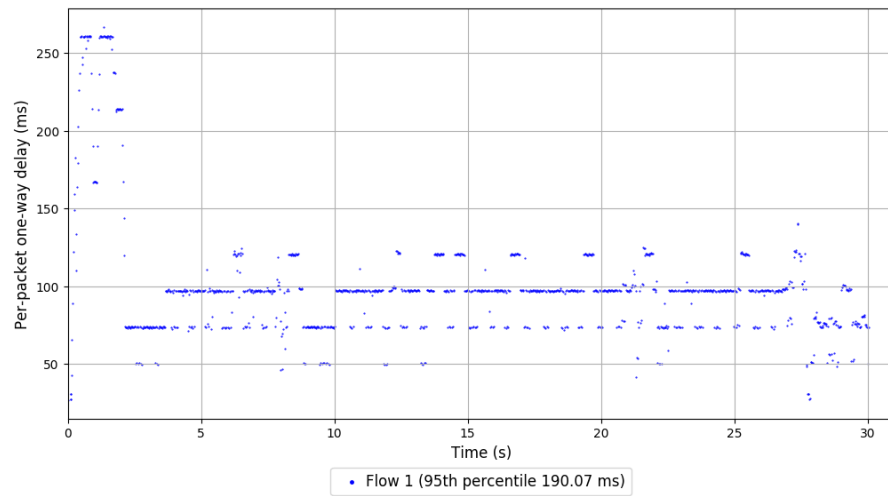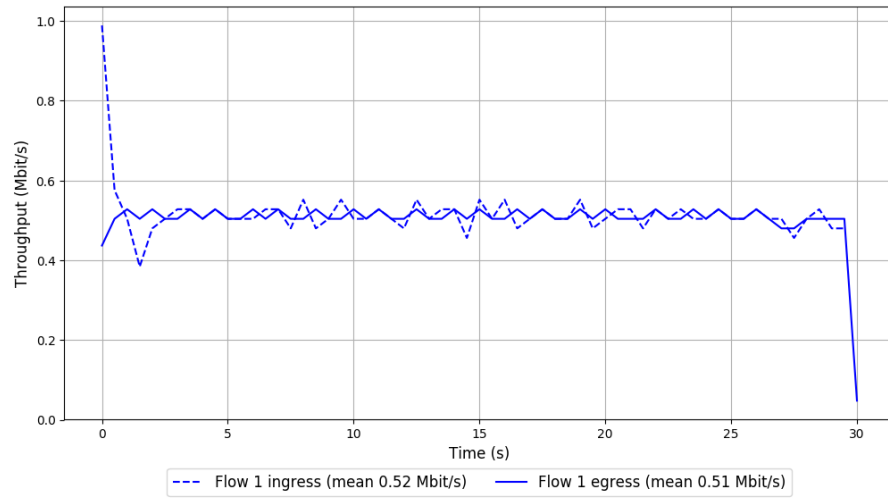
Run 6: Report of TCP Vegas — Data Link

```
Run 7: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 20:51:31 +0000
End at: Sun, 16 Jul 2017 20:52:01 +0000
Local clock offset: 0.863 ms
Remote clock offset: 4.057 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 122.741 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 122.741 ms
Loss rate: 0.62%
```
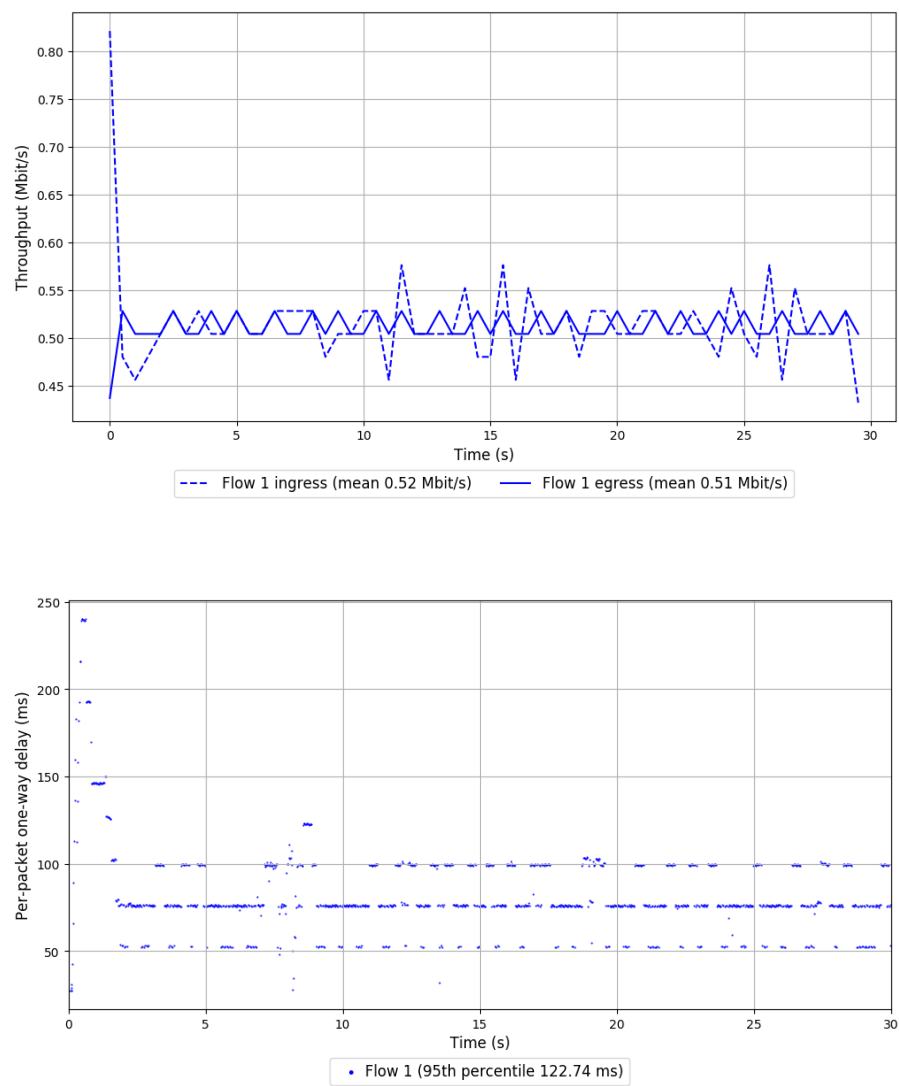
Run 7: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 0.52 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 122.74 ms)

```
Run 8: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 21:08:32 +0000
End at: Sun, 16 Jul 2017 21:09:02 +0000
Local clock offset: 1.578 ms
Remote clock offset: 3.577 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 129.688 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 129.688 ms
Loss rate: 0.62%
```
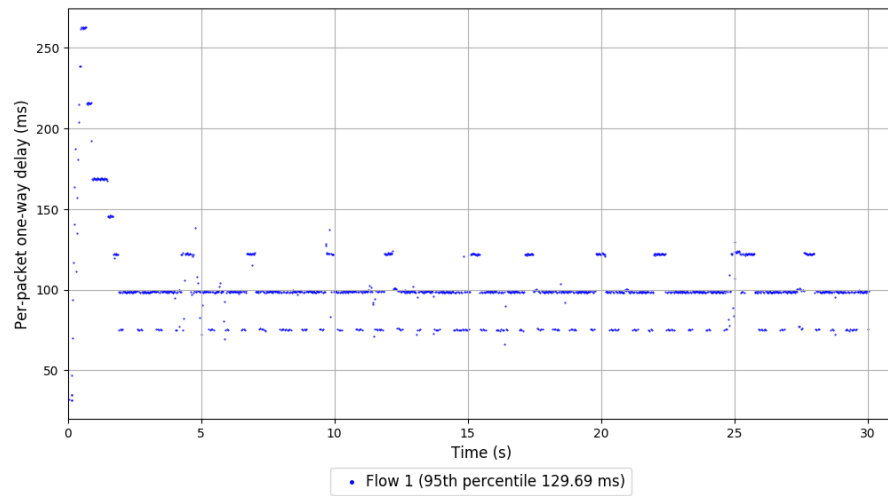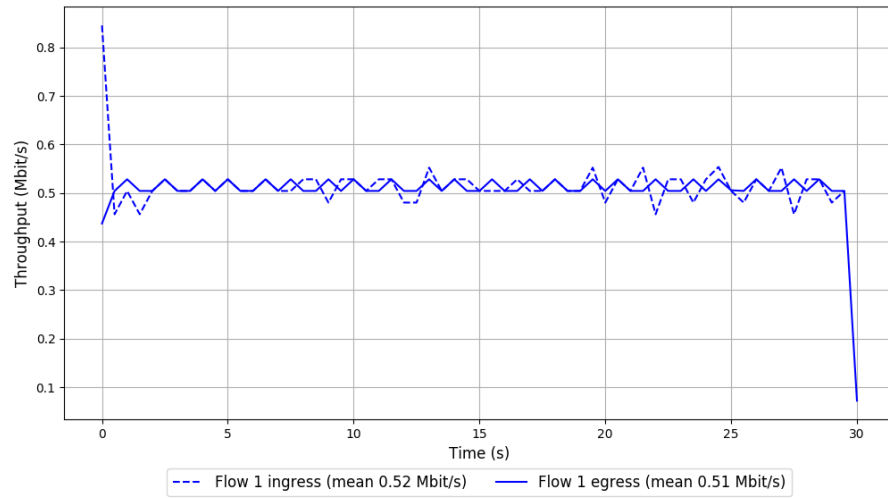
Run 8: Report of TCP Vegas — Data Link

```
Run 9: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 21:25:31 +0000
End at: Sun, 16 Jul 2017 21:26:01 +0000
Local clock offset: 3.255 ms
Remote clock offset: 2.905 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 188.862 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 188.862 ms
Loss rate: 0.93%
```
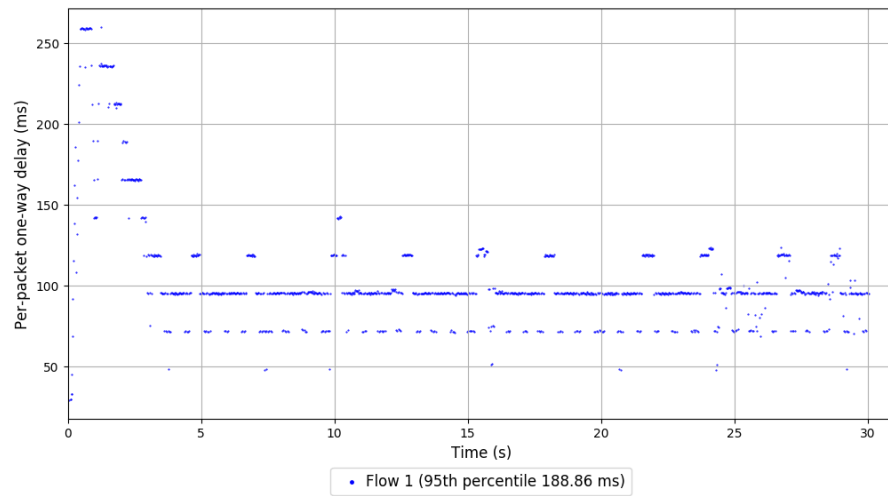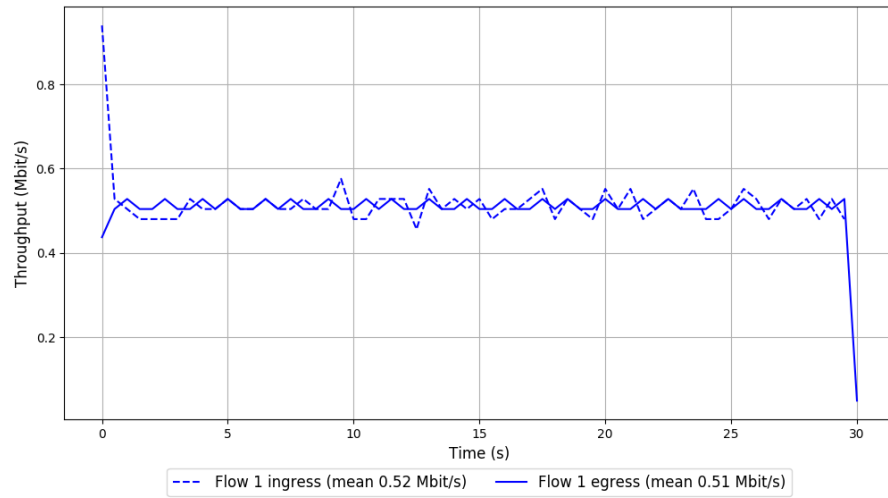
Run 9: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 0.52 Mbit/s) --- Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 188.86 ms)

```
Run 10: Statistics of TCP Vegas

Start at: Sun, 16 Jul 2017 21:42:34 +0000
End at: Sun, 16 Jul 2017 21:43:04 +0000
Local clock offset: -0.265 ms
Remote clock offset: 4.042 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 195.188 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 195.188 ms
Loss rate: 0.93%
```
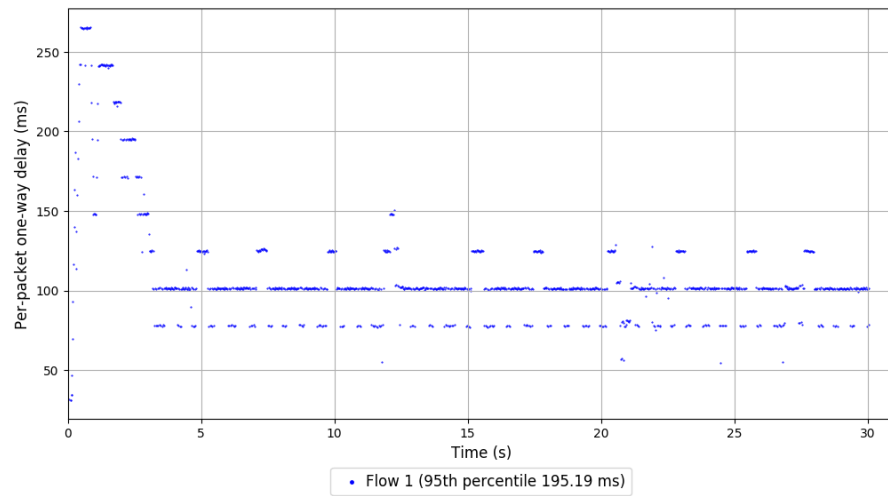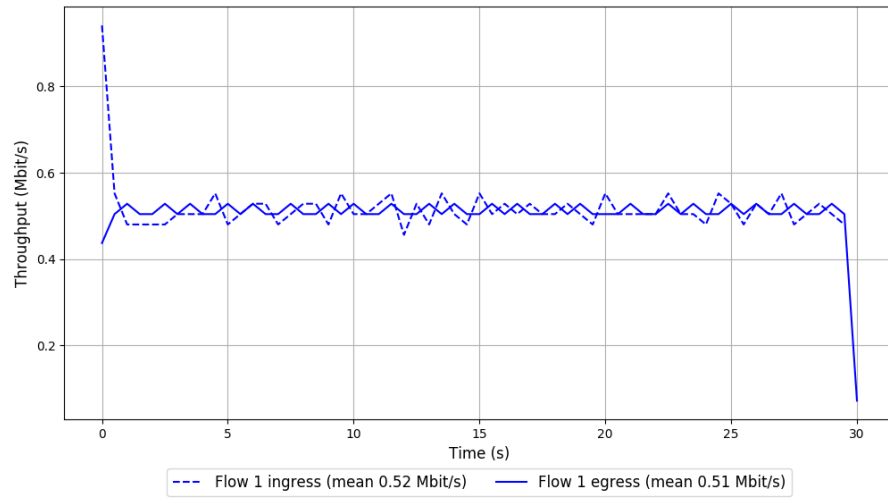
Run 10: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 0.52 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 195.19 ms)

```
Run 1: Statistics of Verus

Start at: Sun, 16 Jul 2017 19:11:53 +0000
End at: Sun, 16 Jul 2017 19:12:23 +0000
Local clock offset: -2.57 ms
Remote clock offset: 6.188 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 260.793 ms
Loss rate: 19.50%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 260.793 ms
Loss rate: 19.50%
```
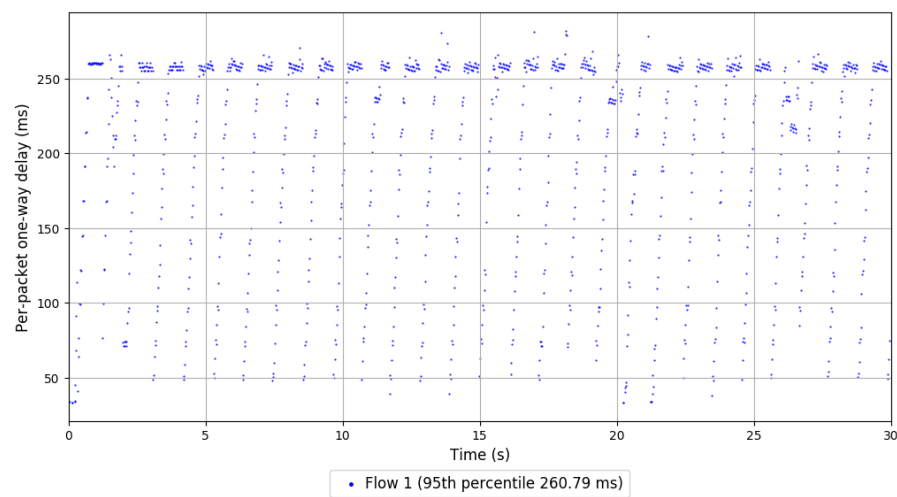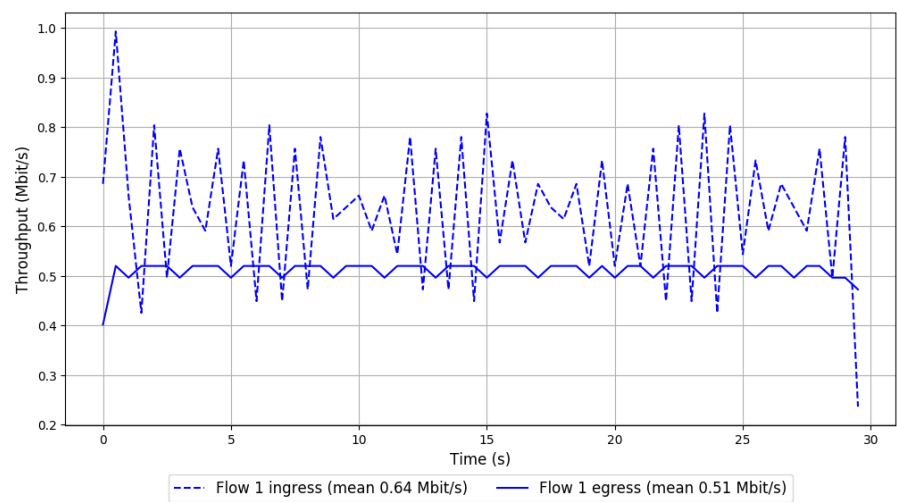
Run 1: Report of Verus — Data Link

```
Run 2: Statistics of Verus

Start at: Sun, 16 Jul 2017 19:28:54 +0000
End at: Sun, 16 Jul 2017 19:29:24 +0000
Local clock offset: -2.191 ms
Remote clock offset: 5.615 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 259.786 ms
Loss rate: 23.48%
-- Flow 1:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 259.786 ms
Loss rate: 23.48%
```
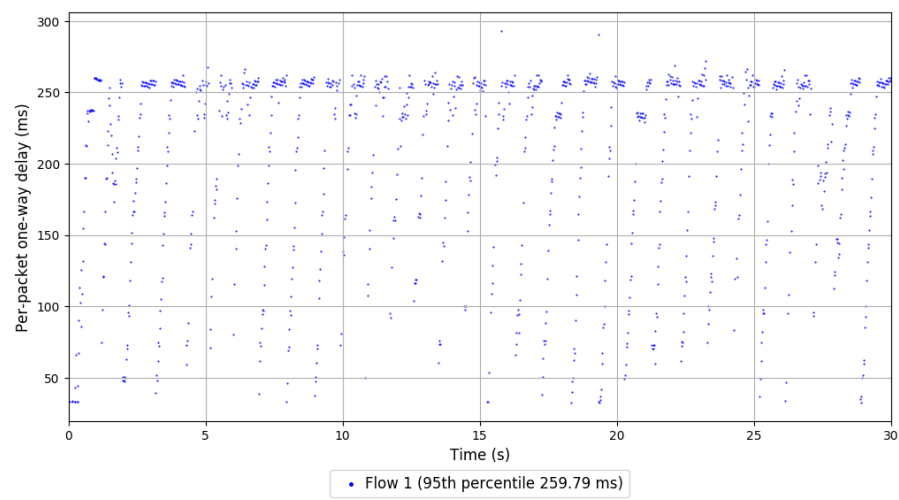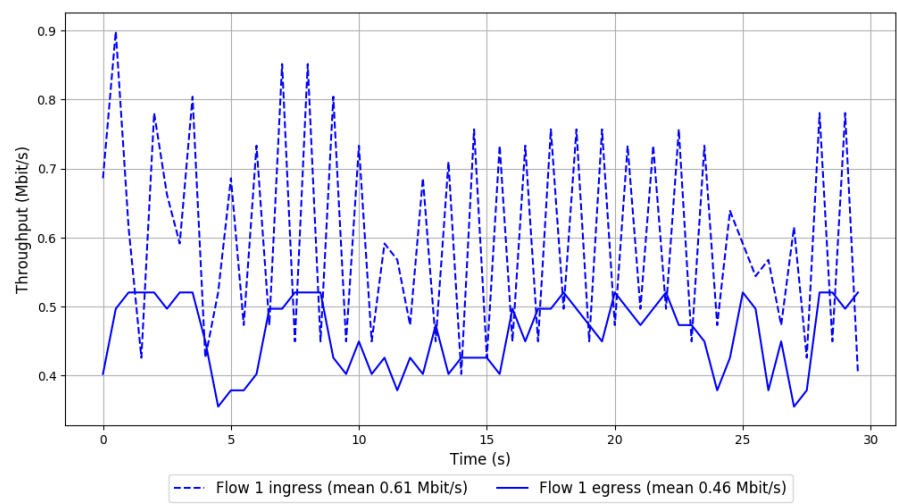
Run 2: Report of Verus — Data Link

```
Run 3: Statistics of Verus

Start at: Sun, 16 Jul 2017 19:46:04 +0000
End at: Sun, 16 Jul 2017 19:46:34 +0000
Local clock offset: 0.666 ms
Remote clock offset: 3.981 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 254.990 ms
Loss rate: 19.09%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 254.990 ms
Loss rate: 19.09%
```
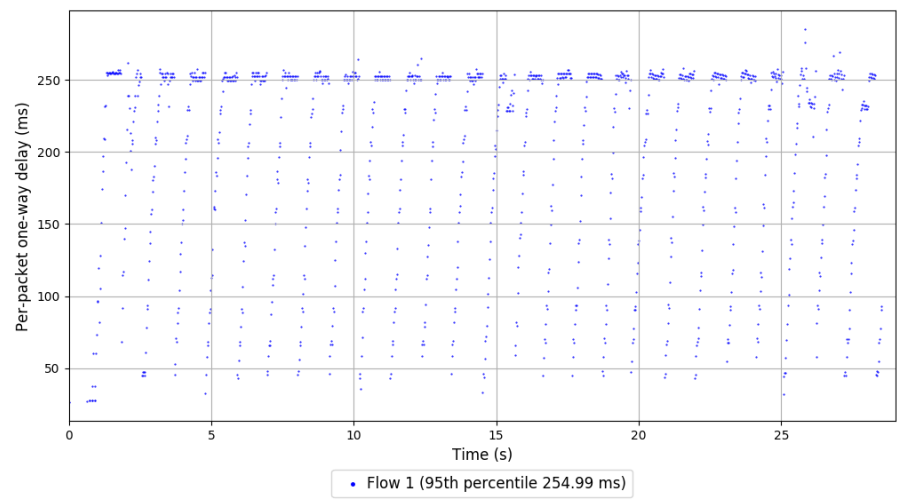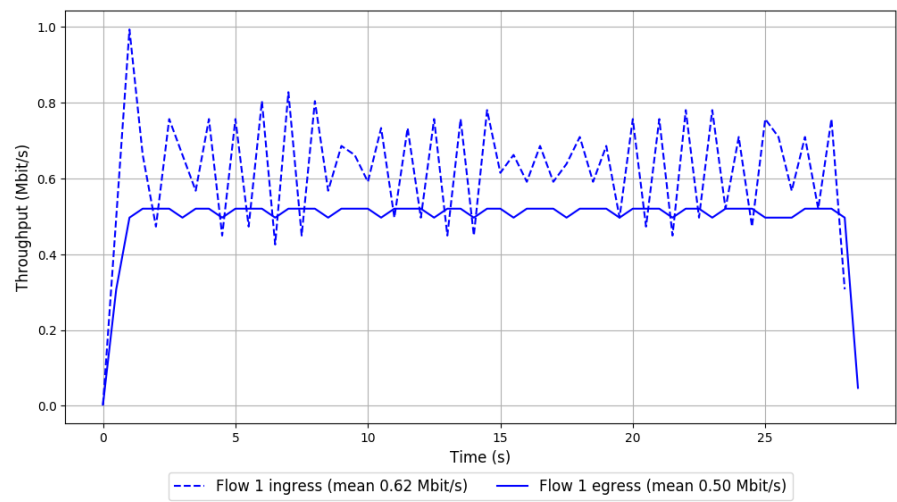
Run 3: Report of Verus — Data Link

```
Run 4: Statistics of Verus

Start at: Sun, 16 Jul 2017 20:03:00 +0000
End at: Sun, 16 Jul 2017 20:03:30 +0000
Local clock offset: -1.559 ms
Remote clock offset: 4.933 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 259.528 ms
Loss rate: 19.24%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 259.528 ms
Loss rate: 19.24%
```
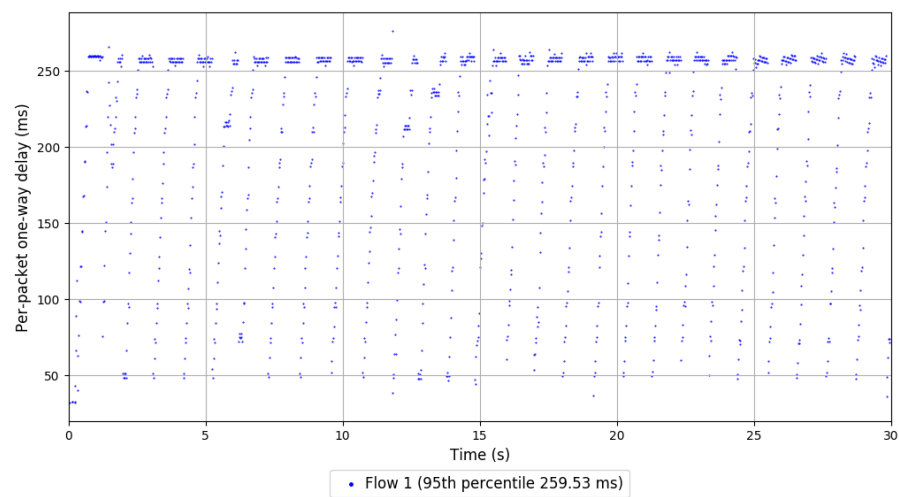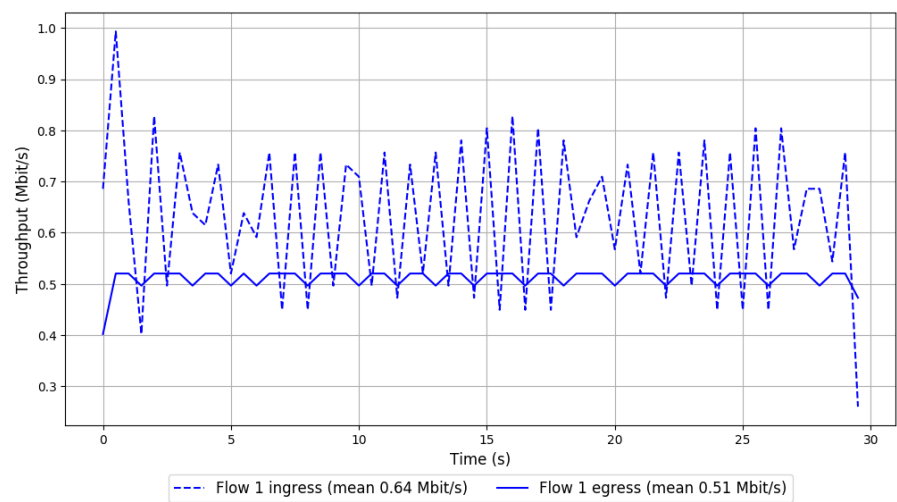
Run 4: Report of Verus — Data Link

Flow 1 ingress (mean 0.64 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 259.53 ms)

```
Run 5: Statistics of Verus

Start at: Sun, 16 Jul 2017 20:19:56 +0000
End at: Sun, 16 Jul 2017 20:20:26 +0000
Local clock offset: 1.878 ms
Remote clock offset: 4.24 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 256.370 ms
Loss rate: 18.51%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 256.370 ms
Loss rate: 18.51%
```
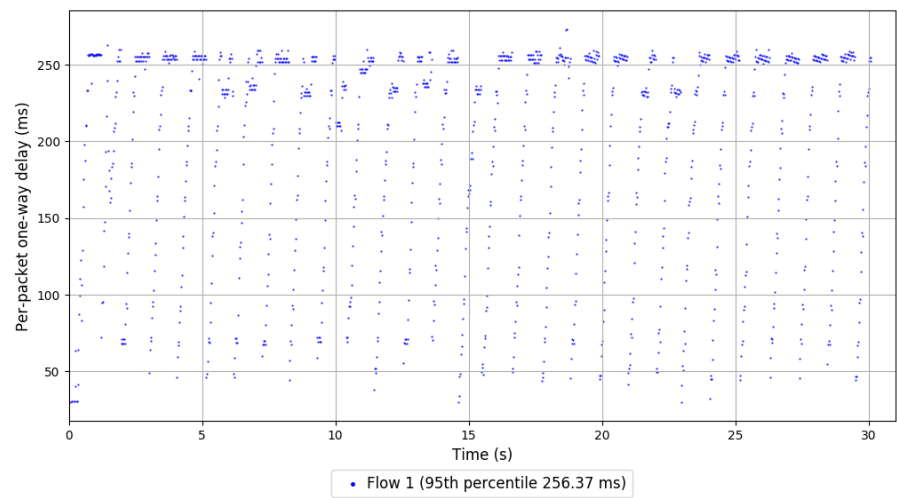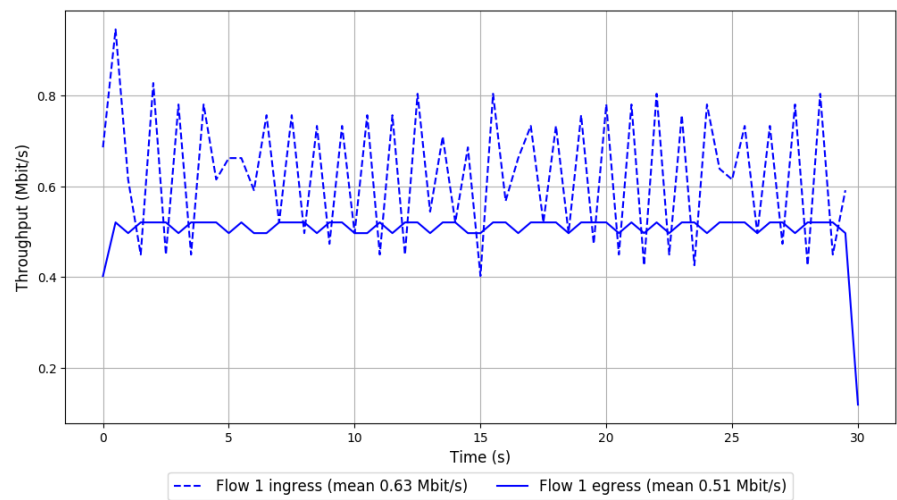
Run 5: Report of Verus — Data Link

```
Run 6: Statistics of Verus

Start at: Sun, 16 Jul 2017 20:37:00 +0000
End at: Sun, 16 Jul 2017 20:37:30 +0000
Local clock offset: 0.609 ms
Remote clock offset: 4.566 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 258.308 ms
Loss rate: 19.09%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 258.308 ms
Loss rate: 19.09%
```
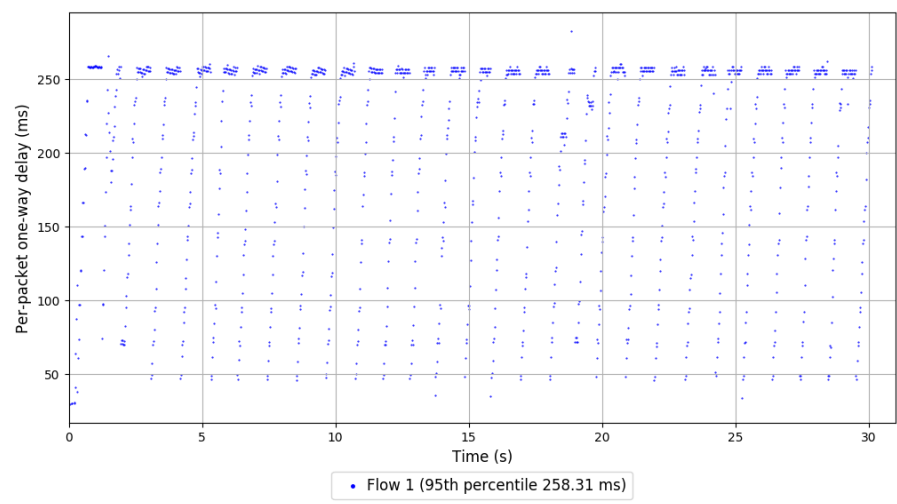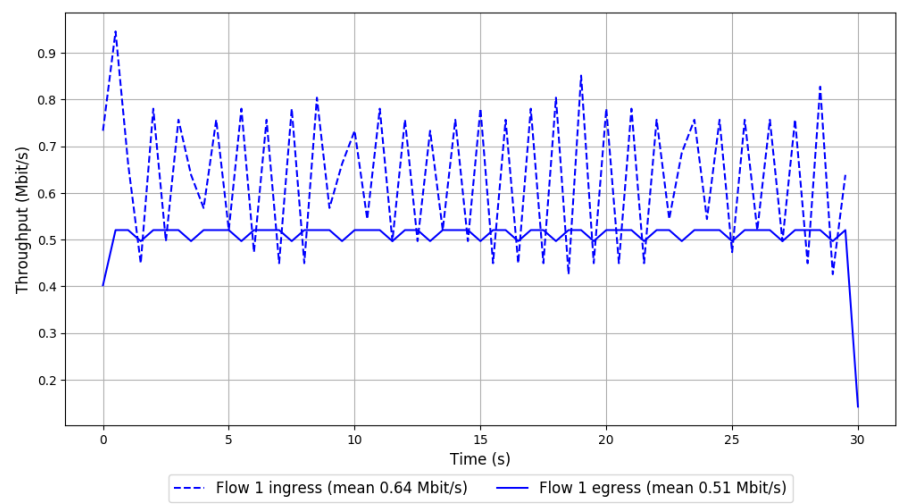
Run 6: Report of Verus — Data Link

```
Run 7: Statistics of Verus

Start at: Sun, 16 Jul 2017 20:53:57 +0000
End at: Sun, 16 Jul 2017 20:54:27 +0000
Local clock offset: -0.258 ms
Remote clock offset: 4.664 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 259.264 ms
Loss rate: 18.49%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 259.264 ms
Loss rate: 18.49%
```
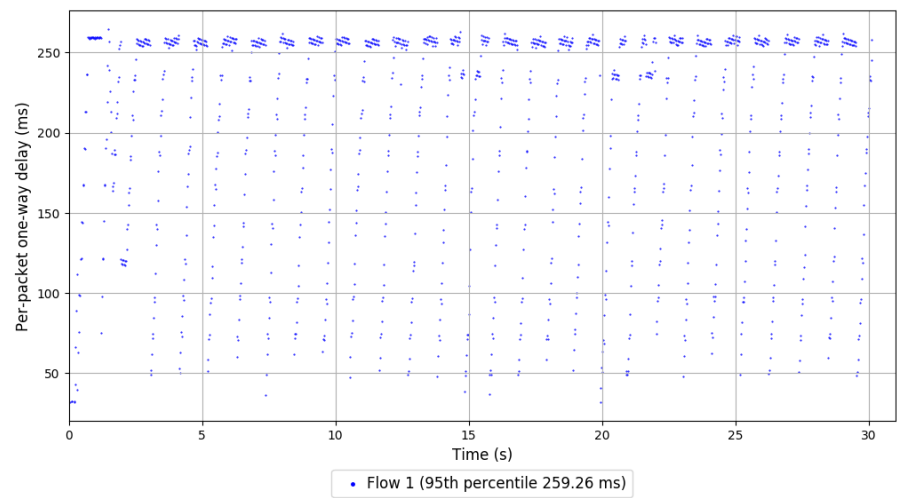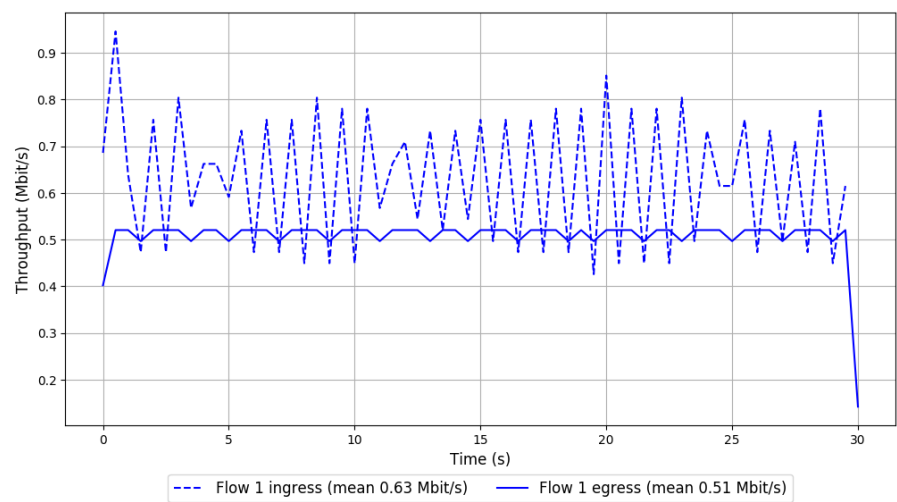
Run 7: Report of Verus — Data Link

```
Run 8: Statistics of Verus

Start at: Sun, 16 Jul 2017 21:10:57 +0000
End at: Sun, 16 Jul 2017 21:11:27 +0000
Local clock offset: -0.887 ms
Remote clock offset: 3.495 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 259.413 ms
Loss rate: 18.61%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 259.413 ms
Loss rate: 18.61%
```
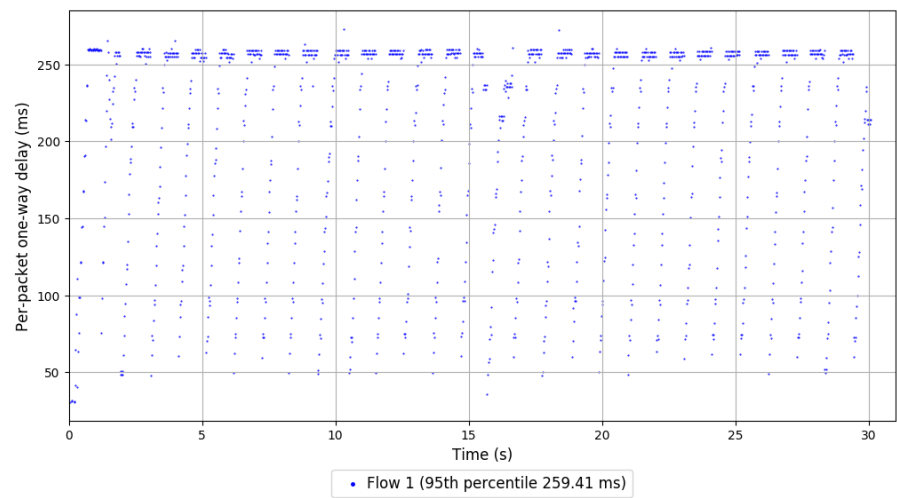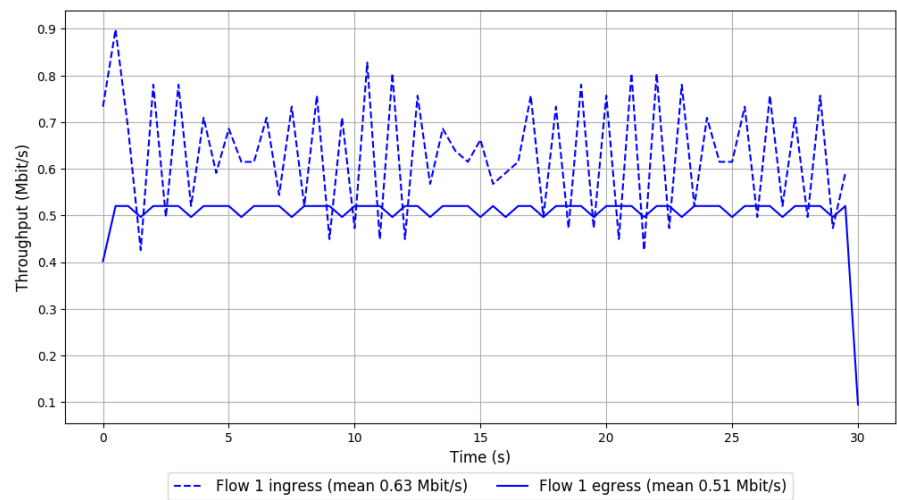
Run 8: Report of Verus — Data Link

Flow 1 ingress (mean 0.63 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 259.41 ms)

```
Run 9: Statistics of Verus

Start at: Sun, 16 Jul 2017 21:27:56 +0000
End at: Sun, 16 Jul 2017 21:28:26 +0000
Local clock offset: -0.476 ms
Remote clock offset: 3.391 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 258.647 ms
Loss rate: 18.91%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 258.647 ms
Loss rate: 18.91%
```
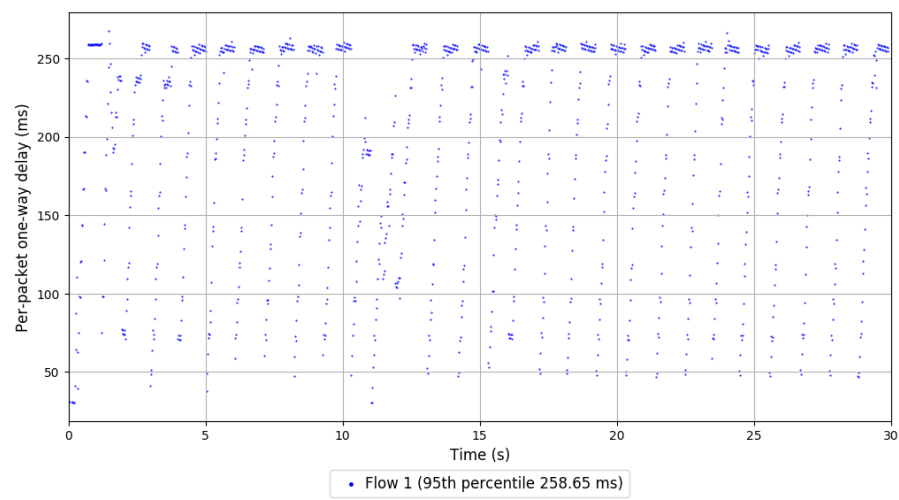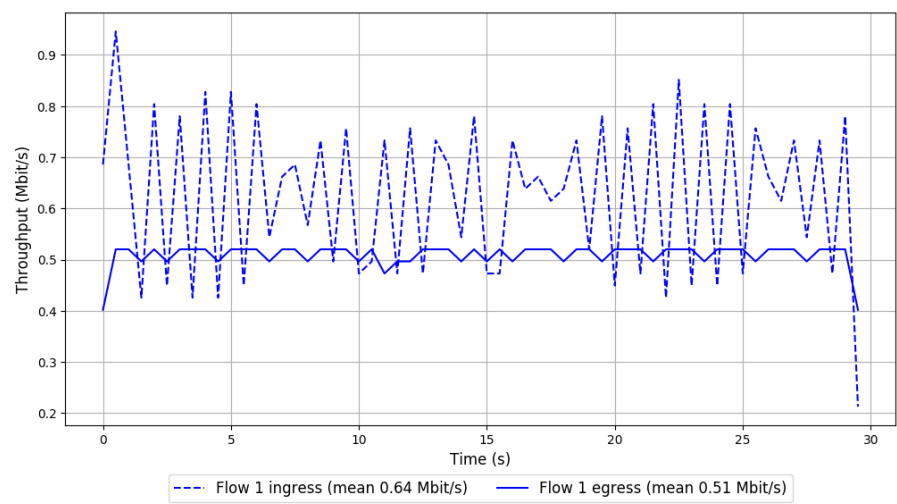
Run 9: Report of Verus — Data Link

```
Run 10: Statistics of Verus

Start at: Sun, 16 Jul 2017 21:44:58 +0000
End at: Sun, 16 Jul 2017 21:45:28 +0000
Local clock offset: 1.61 ms
Remote clock offset: 4.719 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 258.214 ms
Loss rate: 17.78%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 258.214 ms
Loss rate: 17.78%
```
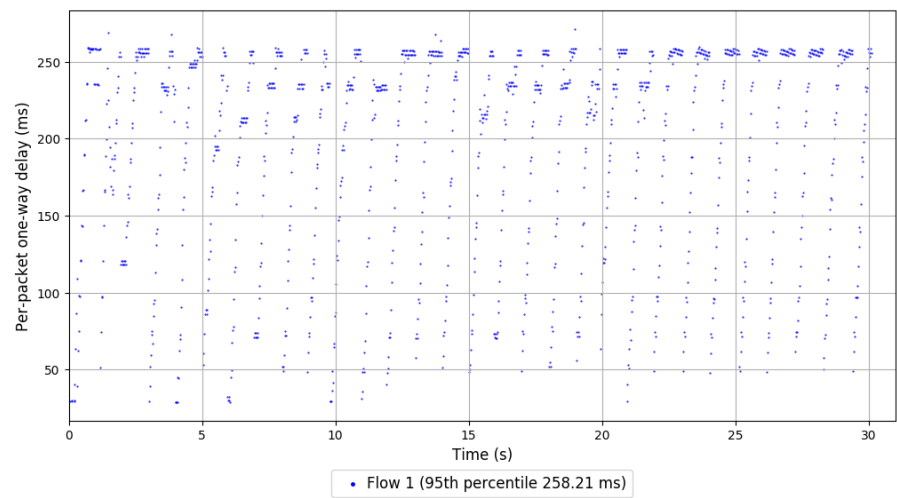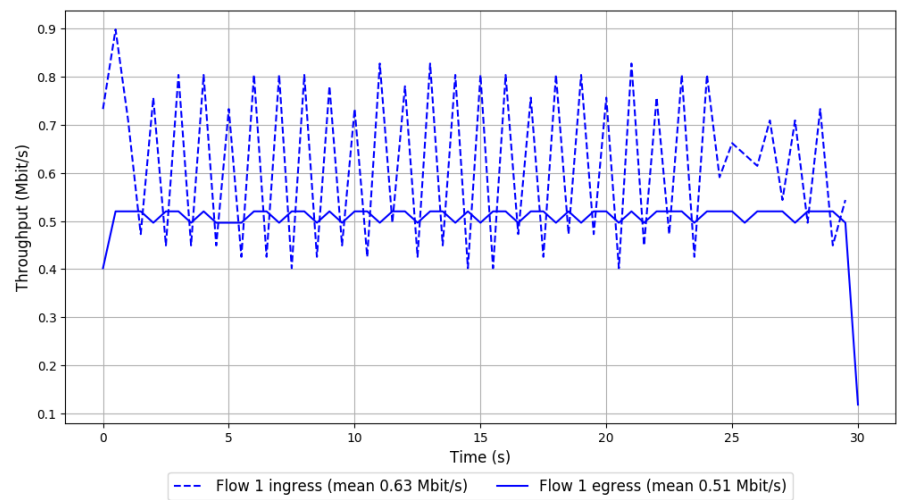
Run 10: Report of Verus — Data Link

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```
Run 1: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 19:10:41 +0000
End at: Sun, 16 Jul 2017 19:11:11 +0000
Local clock offset: -0.34 ms
Remote clock offset: 5.049 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 219.767 ms
Loss rate: 11.19%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 219.767 ms
Loss rate: 11.19%
```
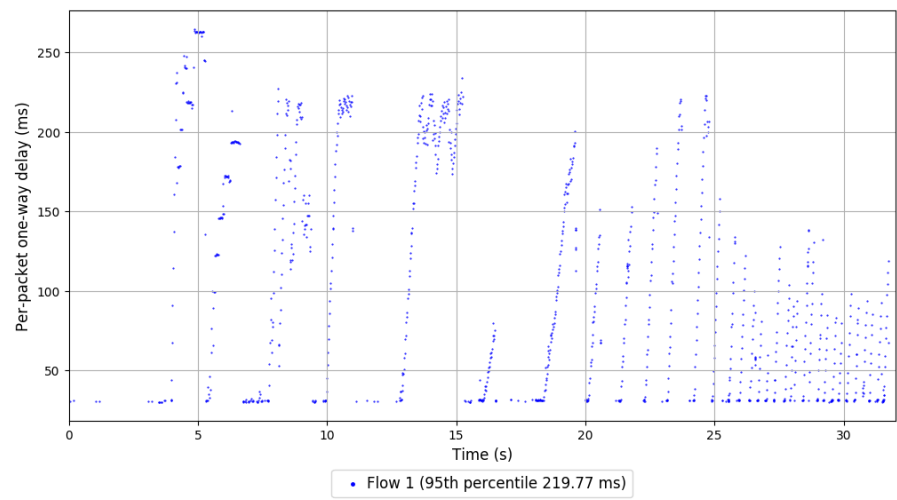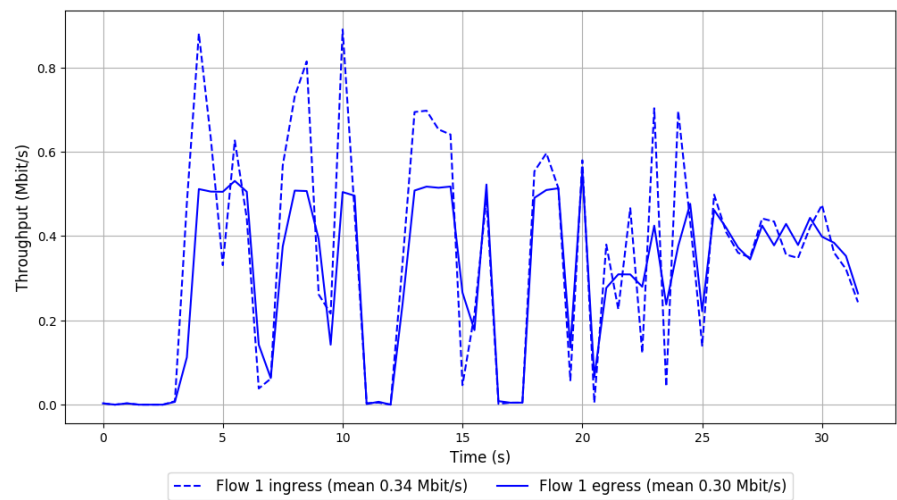
Run 1: Report of WebRTC media — Data Link

```
Run 2: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 19:27:41 +0000
End at: Sun, 16 Jul 2017 19:28:11 +0000
Local clock offset: -1.675 ms
Remote clock offset: 4.888 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 220.351 ms
Loss rate: 17.29%
-- Flow 1:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 220.351 ms
Loss rate: 17.29%
```
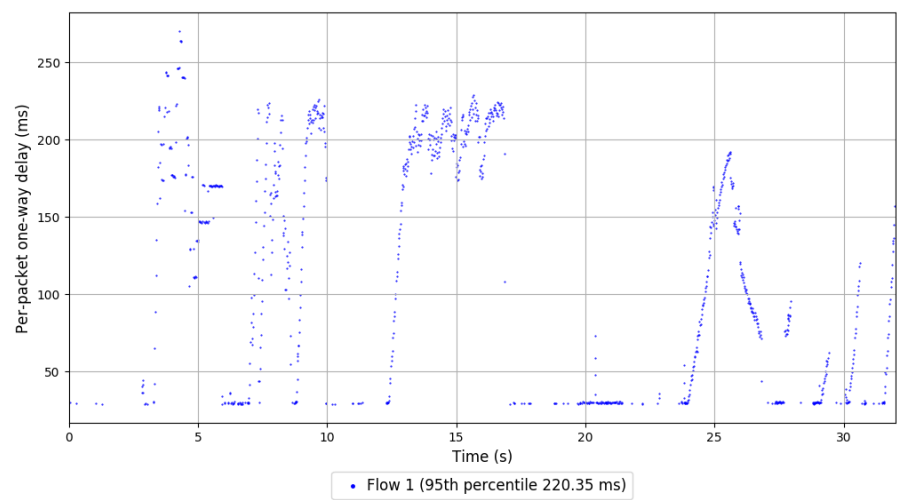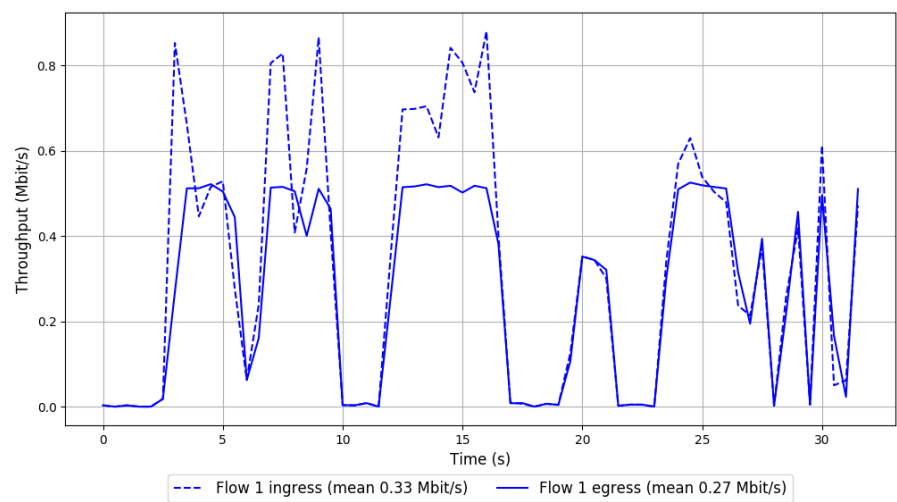
Run 2: Report of WebRTC media — Data Link

```
Run 3: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 19:44:52 +0000
End at: Sun, 16 Jul 2017 19:45:22 +0000
Local clock offset: -0.469 ms
Remote clock offset: 4.439 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 220.551 ms
Loss rate: 19.86%
-- Flow 1:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 220.551 ms
Loss rate: 19.86%
```
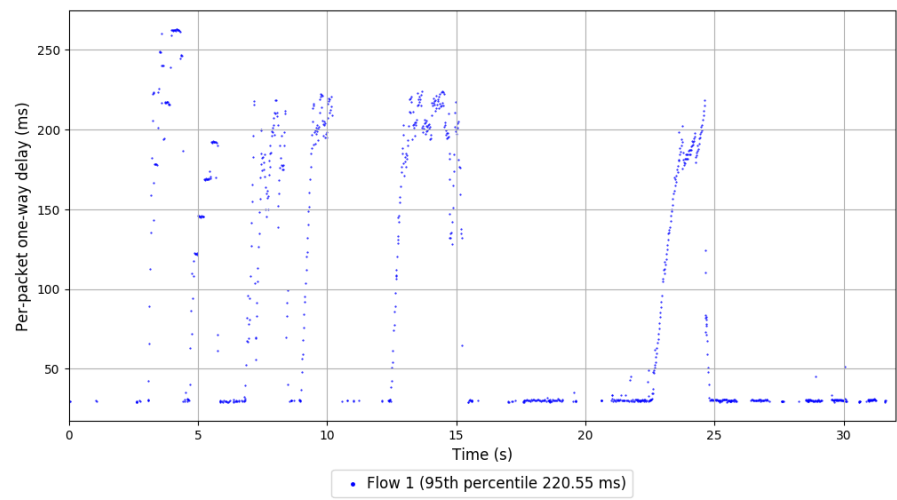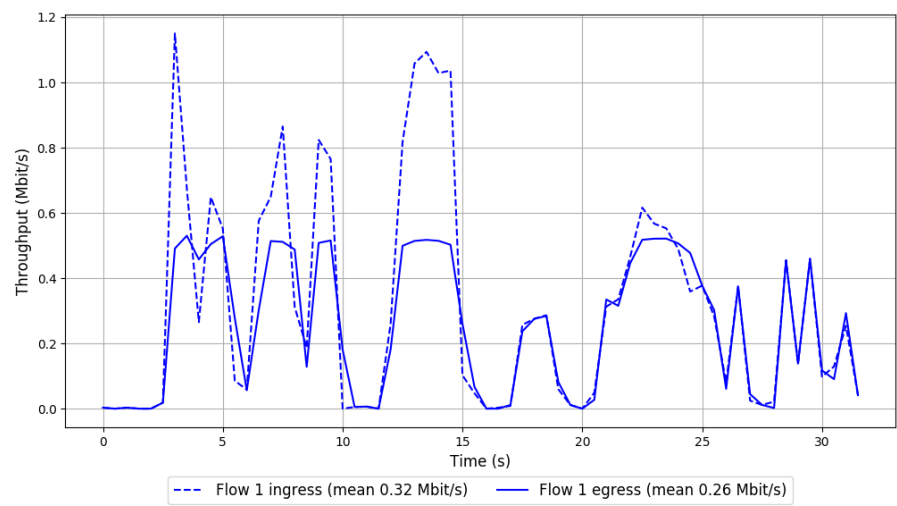
Run 3: Report of WebRTC media — Data Link

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```
Run 4: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 20:01:48 +0000
End at: Sun, 16 Jul 2017 20:02:18 +0000
Local clock offset: -2.604 ms
Remote clock offset: 3.544 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 219.271 ms
Loss rate: 10.25%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 219.271 ms
Loss rate: 10.25%
```
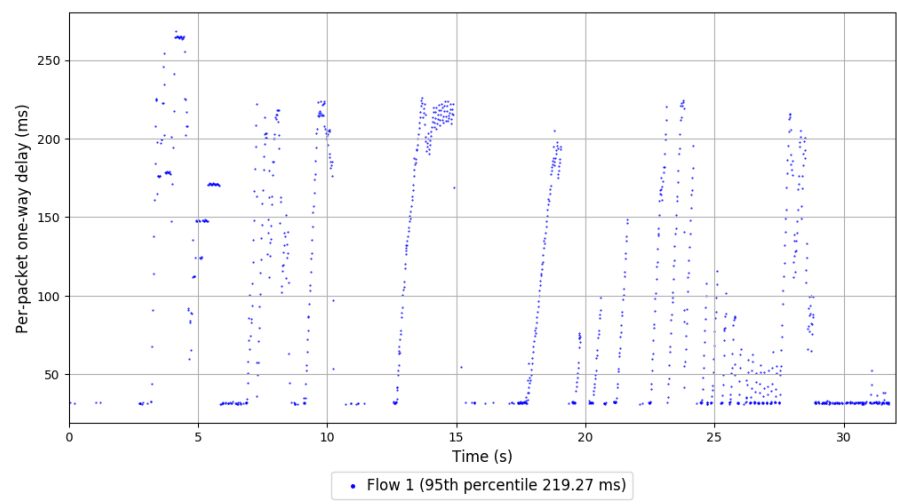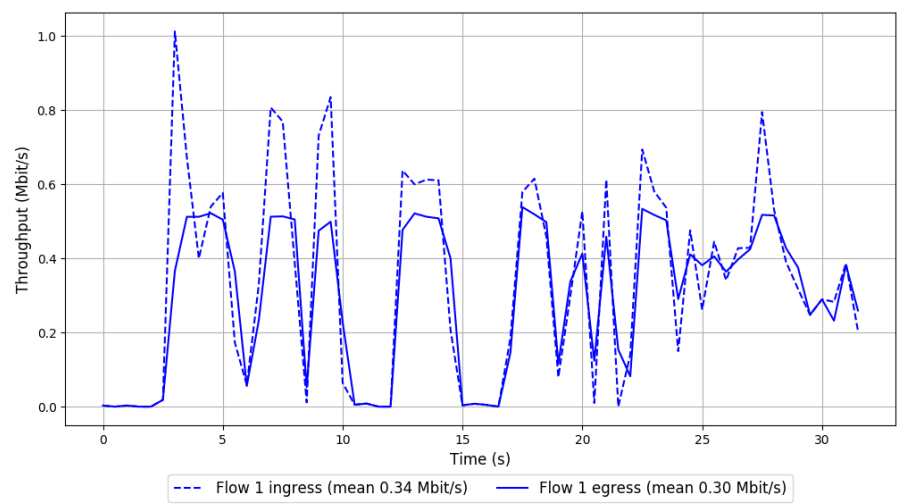
Run 4: Report of WebRTC media — Data Link

```
Run 5: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 20:18:44 +0000
End at: Sun, 16 Jul 2017 20:19:14 +0000
Local clock offset: 2.004 ms
Remote clock offset: 6.067 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 223.305 ms
Loss rate: 17.27%
-- Flow 1:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 223.305 ms
Loss rate: 17.27%
```
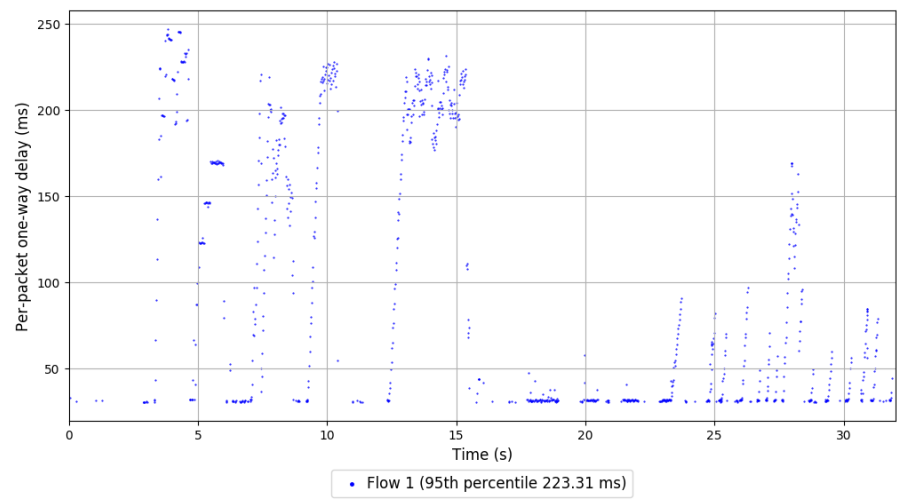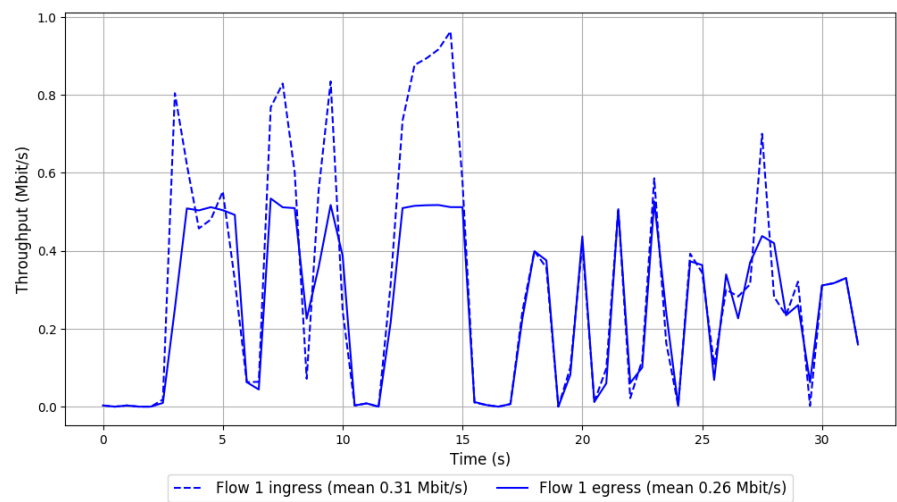
Run 5: Report of WebRTC media — Data Link

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```
Run 6: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 20:35:46 +0000
End at: Sun, 16 Jul 2017 20:36:16 +0000
Local clock offset: 3.929 ms
Remote clock offset: 4.7 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 217.167 ms
Loss rate: 16.10%
-- Flow 1:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 217.167 ms
Loss rate: 16.10%
```
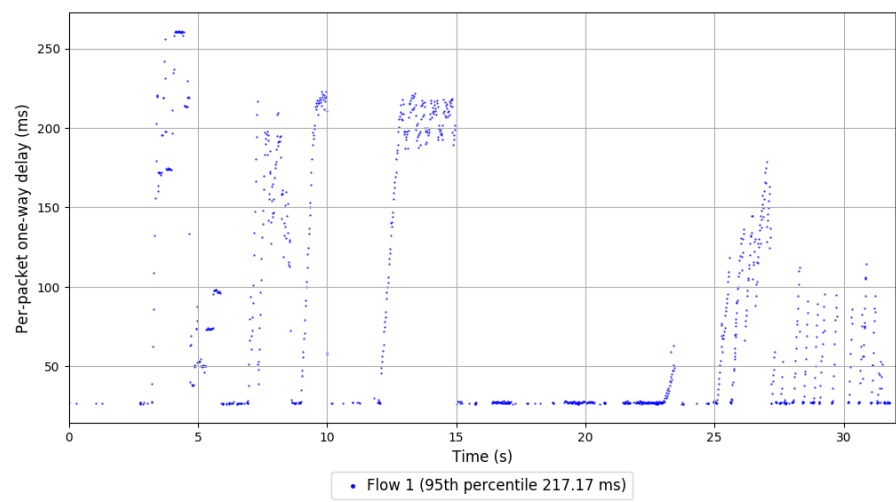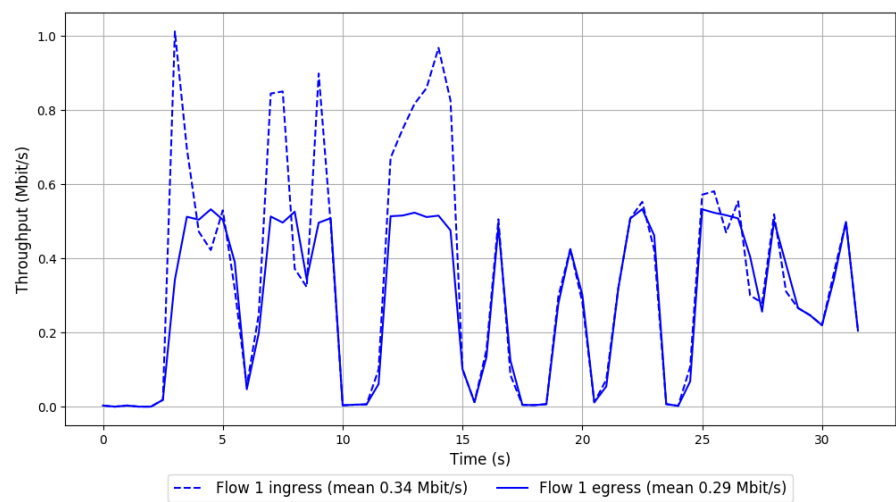
Run 6: Report of WebRTC media — Data Link

Flow 1 ingress (mean 0.34 Mbit/s)   Flow 1 egress (mean 0.29 Mbit/s)

Flow 1 (95th percentile 217.17 ms)

```
Run 7: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 20:52:44 +0000
End at: Sun, 16 Jul 2017 20:53:14 +0000
Local clock offset: 0.63 ms
Remote clock offset: 2.487 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 221.527 ms
Loss rate: 18.77%
-- Flow 1:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 221.527 ms
Loss rate: 18.77%
```
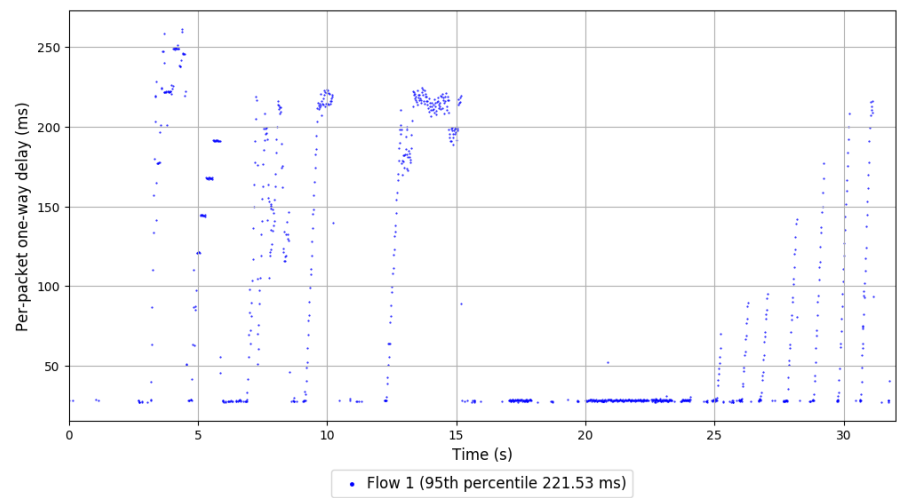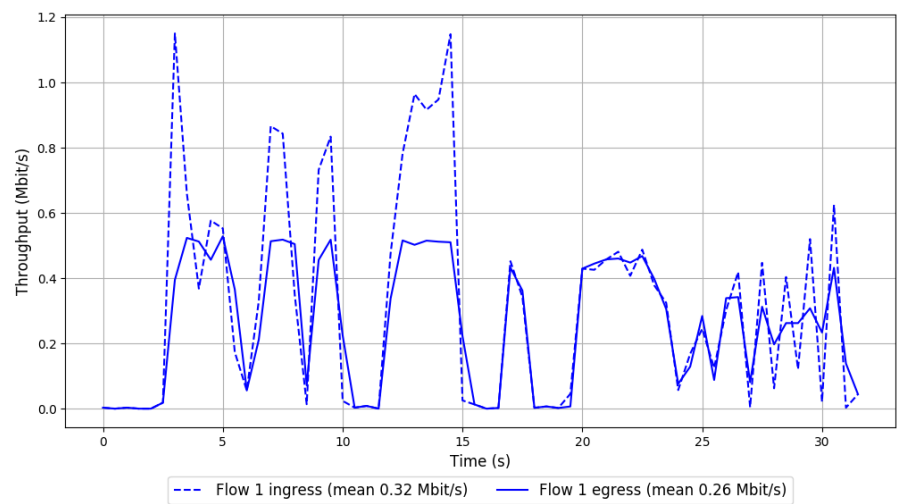
Run 7: Report of WebRTC media — Data Link

```
Run 8: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 21:09:44 +0000
End at: Sun, 16 Jul 2017 21:10:15 +0000
Local clock offset: 2.089 ms
Remote clock offset: 5.209 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 220.638 ms
Loss rate: 11.16%
-- Flow 1:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 220.638 ms
Loss rate: 11.16%
```
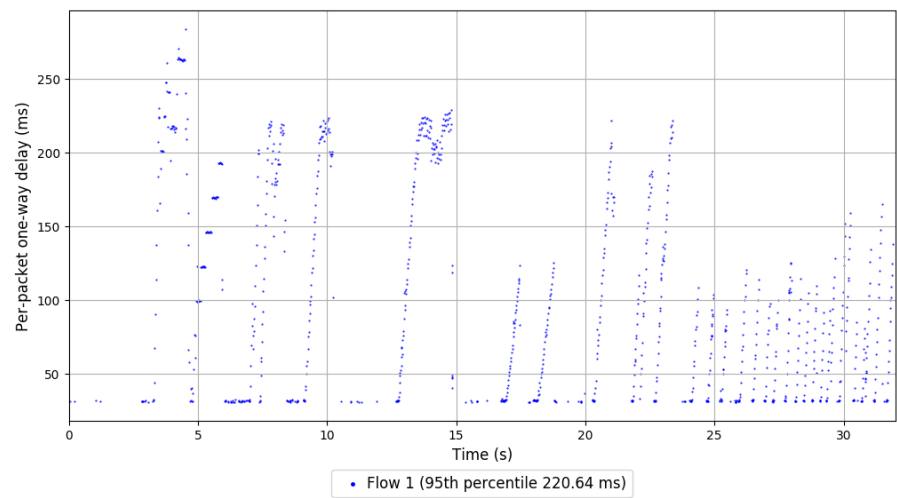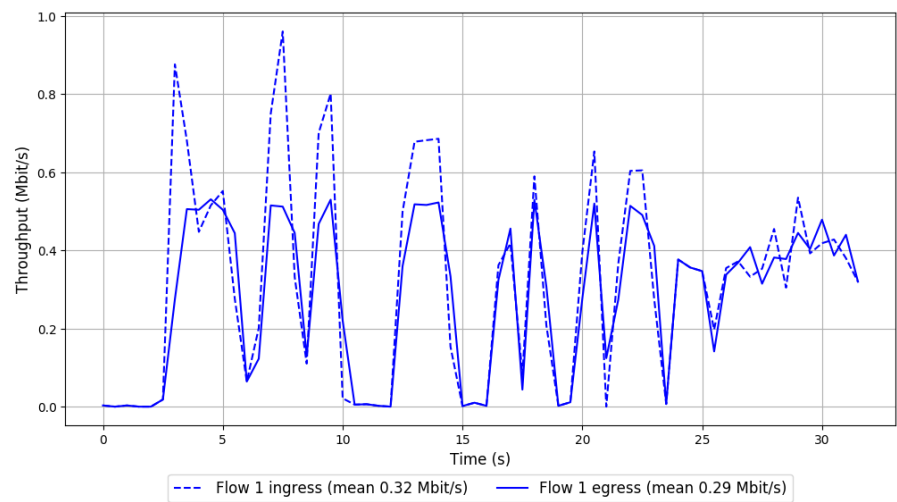
Run 8: Report of WebRTC media — Data Link

```
Run 9: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 21:26:43 +0000
End at: Sun, 16 Jul 2017 21:27:13 +0000
Local clock offset: 0.608 ms
Remote clock offset: 4.334 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 222.076 ms
Loss rate: 18.90%
-- Flow 1:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 222.076 ms
Loss rate: 18.90%
```
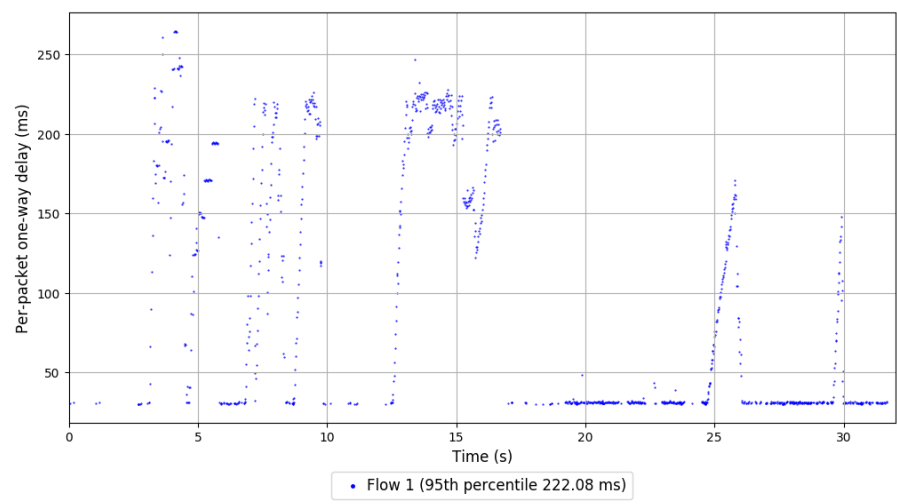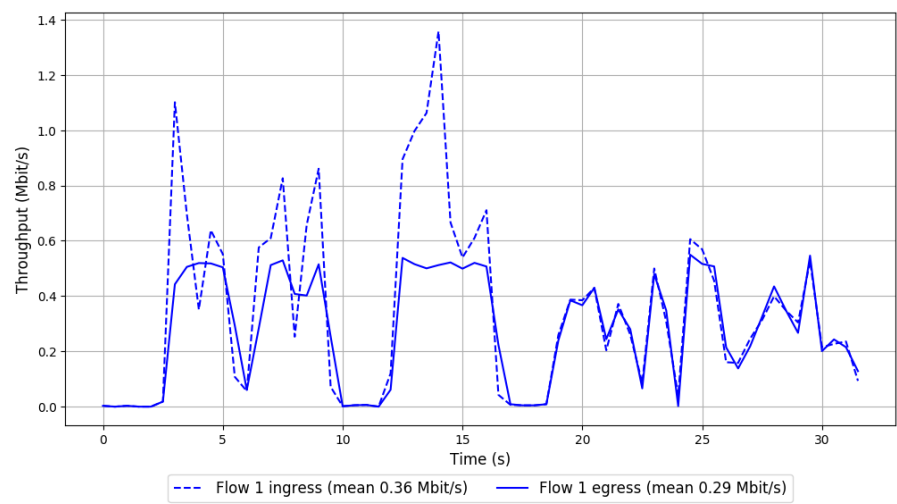
Run 9: Report of WebRTC media — Data Link

```
Run 10: Statistics of WebRTC media

Start at: Sun, 16 Jul 2017 21:43:46 +0000
End at: Sun, 16 Jul 2017 21:44:16 +0000
Local clock offset: 0.217 ms
Remote clock offset: 4.659 ms


# Below is generated by plot.py at Mon, 17 Jul 2017 00:50:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 224.335 ms
Loss rate: 19.60%
-- Flow 1:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 224.335 ms
Loss rate: 19.60%
```

Run 10: Report of WebRTC media — Data Link