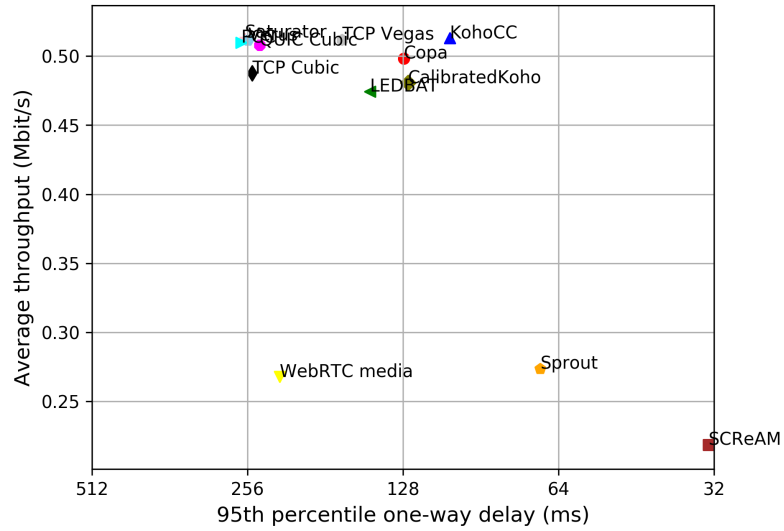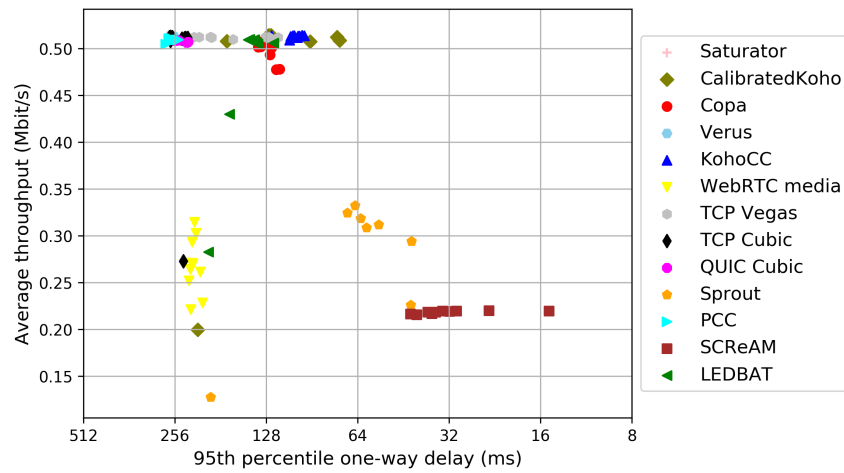**Pantheon Summary** (Generated at Tue, 01 Aug 2017 04:30:58 +0000 with pantheon version `33c7b8d34ce04c76596315aa973f0b30d6129d55`)

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 @ 33c7b8d34ce04c76596315aa973f0b30d6129d55
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

2

scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
CalibratedKoho	10	0.48	125.24	1.28
Copa	10	0.50	127.54	1.03
TCP Cubic	10	0.49	250.69	2.88
KohoCC	10	0.51	103.99	0.25
LEDBAT	10	0.47	148.36	0.86
PCC	10	0.51	263.24	79.11
QUIC Cubic	10	0.51	242.40	14.72
Saturator	10	0.51	259.17	49.88
SCReAM	10	0.22	32.80	0.03
Sprout	10	0.27	69.41	1.06
TaoVA-100x	10	nan	nan	nan
TCP Vegas	10	0.51	167.91	1.03
Verus	10	0.51	255.44	19.39
WebRTC media	10	0.27	221.72	16.60

```
Run 1: Statistics of CalibratedKoho

Start at: Mon, 31 Jul 2017 22:13:16 +0000
End at: Mon, 31 Jul 2017 22:13:46 +0000
Local clock offset: 3.359 ms
Remote clock offset: -10.903 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 91.823 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 91.823 ms
Loss rate: 0.24%
```
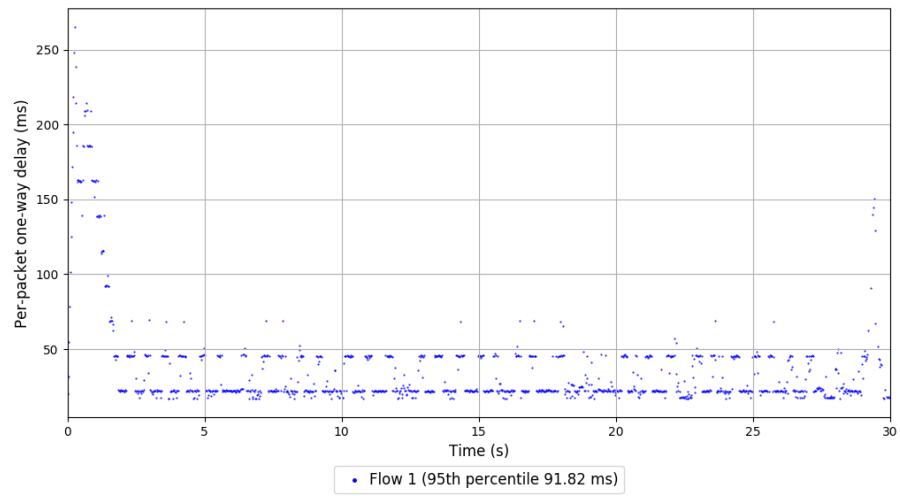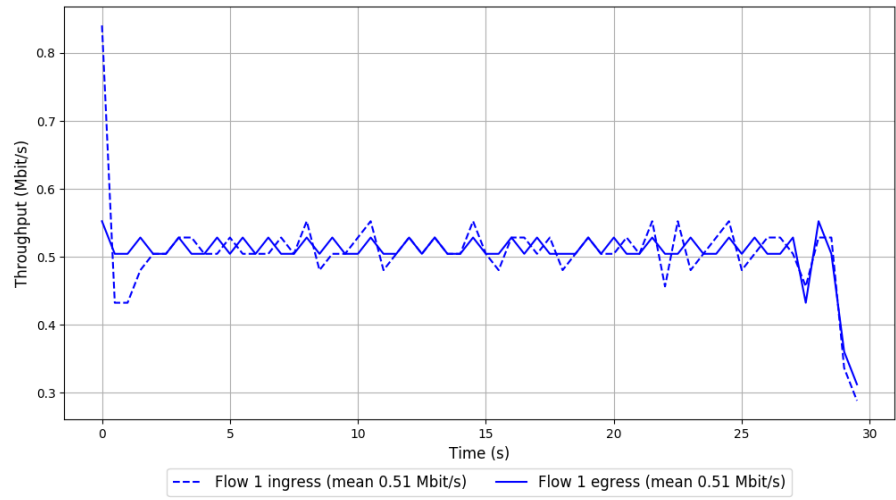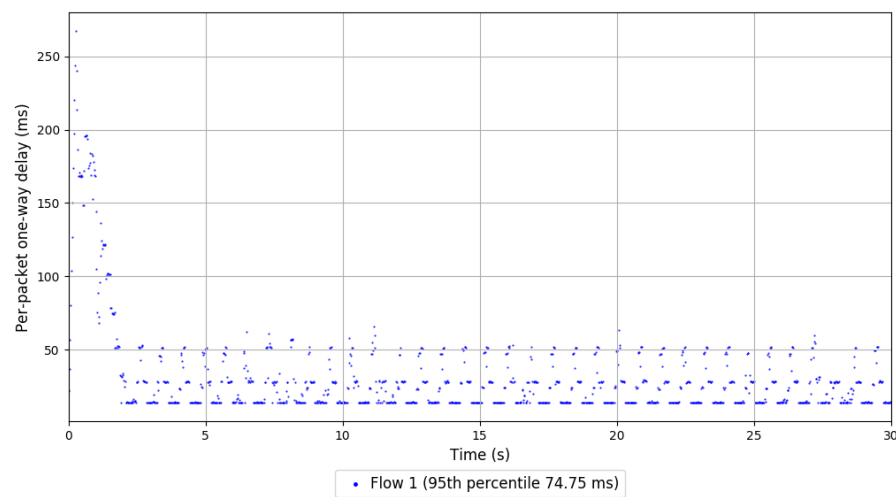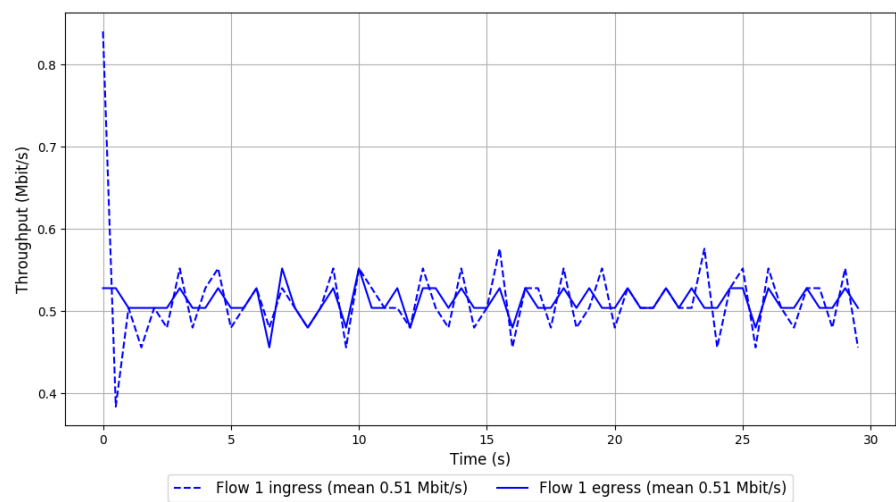
Run 1: Report of CalibratedKoho — Data Link

```
Run 2: Statistics of CalibratedKoho

Start at: Mon, 31 Jul 2017 22:31:02 +0000
End at: Mon, 31 Jul 2017 22:31:32 +0000
Local clock offset: 0.595 ms
Remote clock offset: -10.564 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 74.748 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 74.748 ms
Loss rate: 0.31%
```
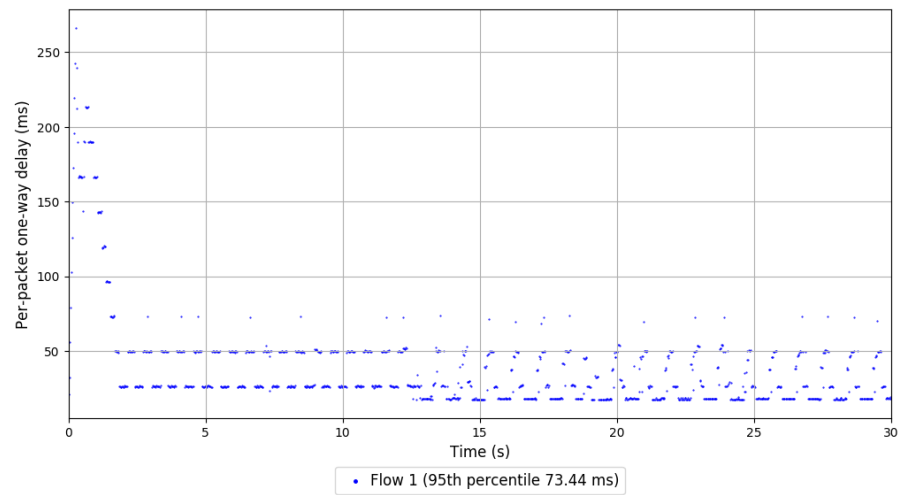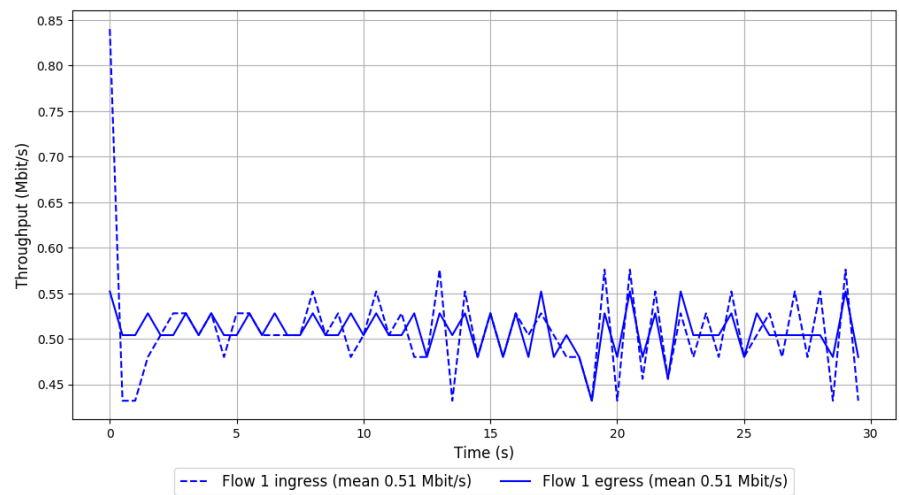
Run 2: Report of CalibratedKoho — Data Link

```
Run 3: Statistics of CalibratedKoho

Start at: Mon, 31 Jul 2017 22:48:51 +0000
End at: Mon, 31 Jul 2017 22:49:22 +0000
Local clock offset: 1.435 ms
Remote clock offset: -10.935 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 73.440 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 73.440 ms
Loss rate: 0.24%
```
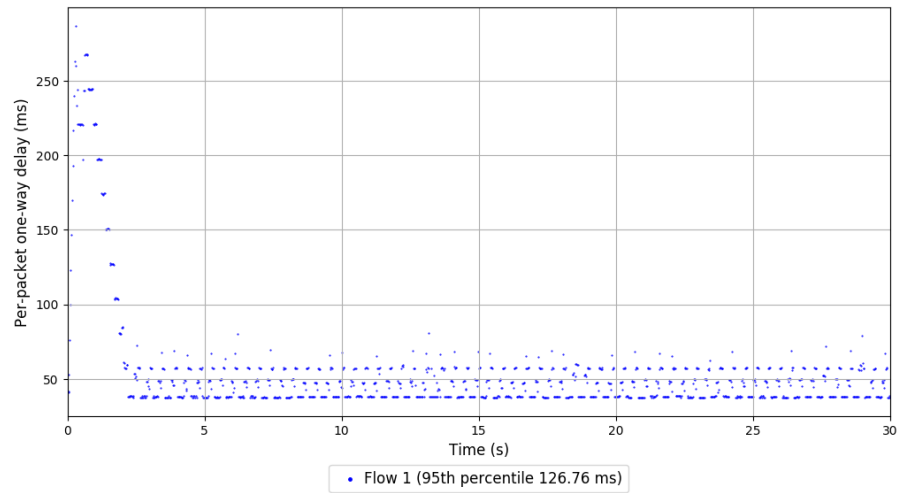
Run 3: Report of CalibratedKoho — Data Link

```
Run 4: Statistics of CalibratedKoho

Start at: Mon, 31 Jul 2017 23:06:28 +0000
End at: Mon, 31 Jul 2017 23:06:58 +0000
Local clock offset: -1.11 ms
Remote clock offset: 6.857 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 126.763 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 126.763 ms
Loss rate: 0.23%
```
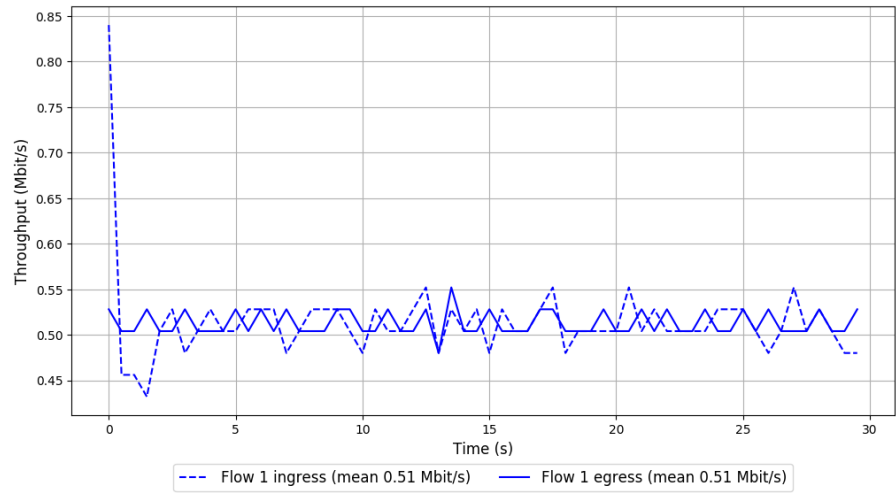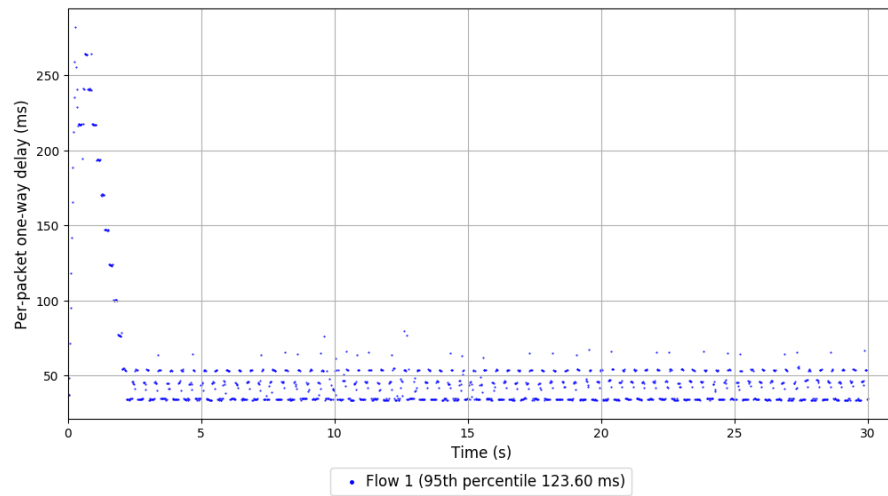
Run 4: Report of CalibratedKoho — Data Link

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

Flow 1 (95th percentile 126.76 ms)

11

```
Run 5: Statistics of CalibratedKoho

Start at: Mon, 31 Jul 2017 23:24:22 +0000
End at: Mon, 31 Jul 2017 23:24:52 +0000
Local clock offset: 2.534 ms
Remote clock offset: 6.646 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 123.602 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 123.602 ms
Loss rate: 0.23%
```
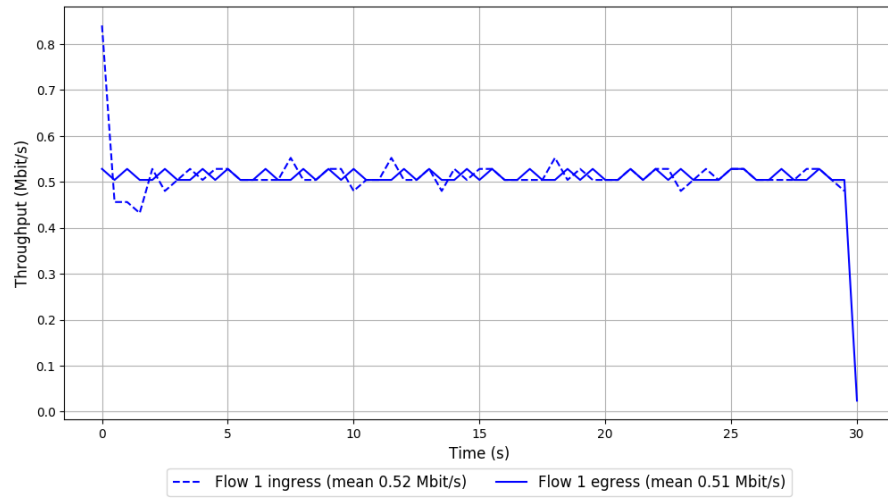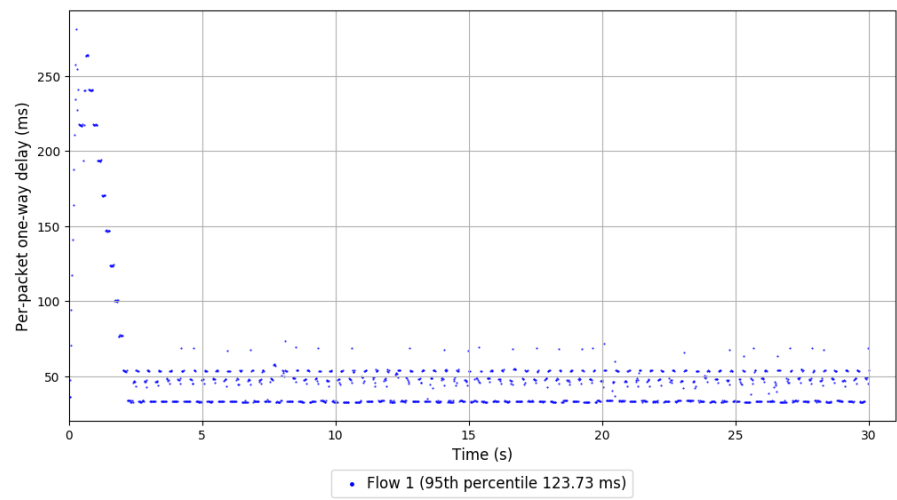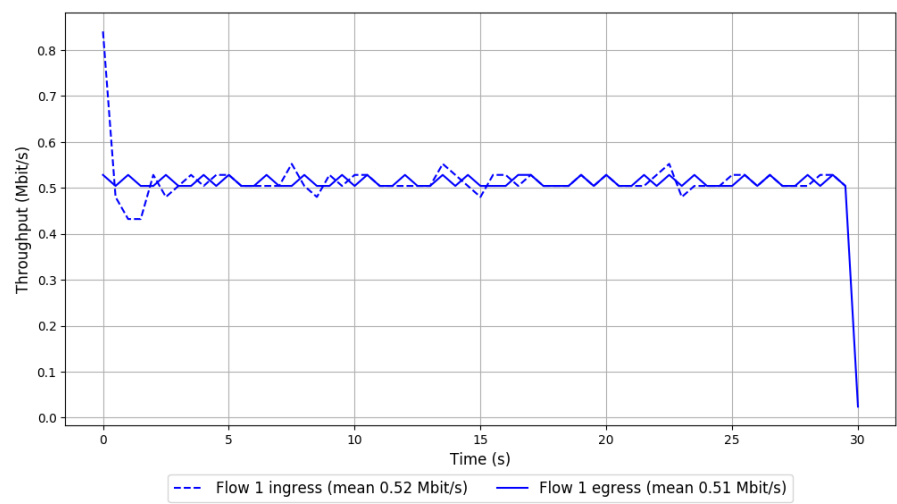
Run 5: Report of CalibratedKoho — Data Link

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

Flow 1 (95th percentile 123.60 ms)

```
Run 6: Statistics of CalibratedKoho

Start at: Mon, 31 Jul 2017 23:41:47 +0000
End at: Mon, 31 Jul 2017 23:42:17 +0000
Local clock offset: 0.494 ms
Remote clock offset: 8.488 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 123.730 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 123.730 ms
Loss rate: 0.31%
```
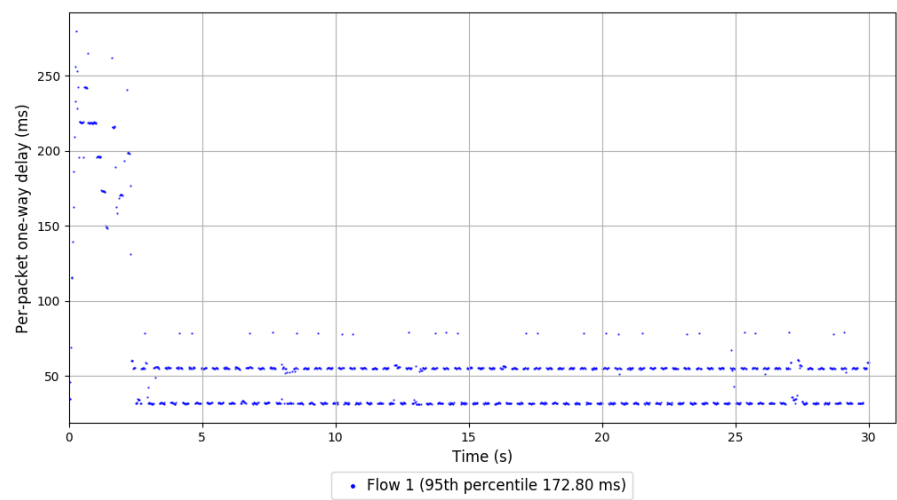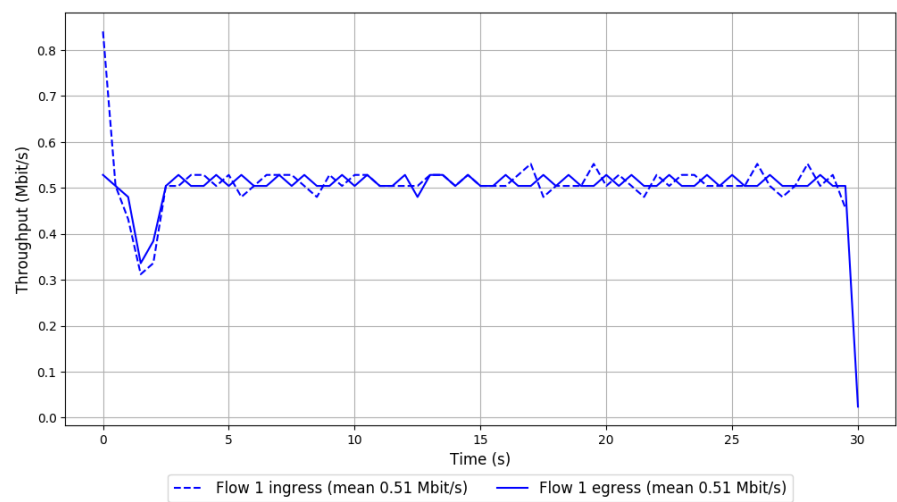
Run 6: Report of CalibratedKoho — Data Link

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

Flow 1 (95th percentile 123.73 ms)

```
Run 7: Statistics of CalibratedKoho

Start at: Mon, 31 Jul 2017 23:59:11 +0000
End at: Mon, 31 Jul 2017 23:59:41 +0000
Local clock offset: -0.115 ms
Remote clock offset: 5.114 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 172.800 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 172.800 ms
Loss rate: 0.47%
```
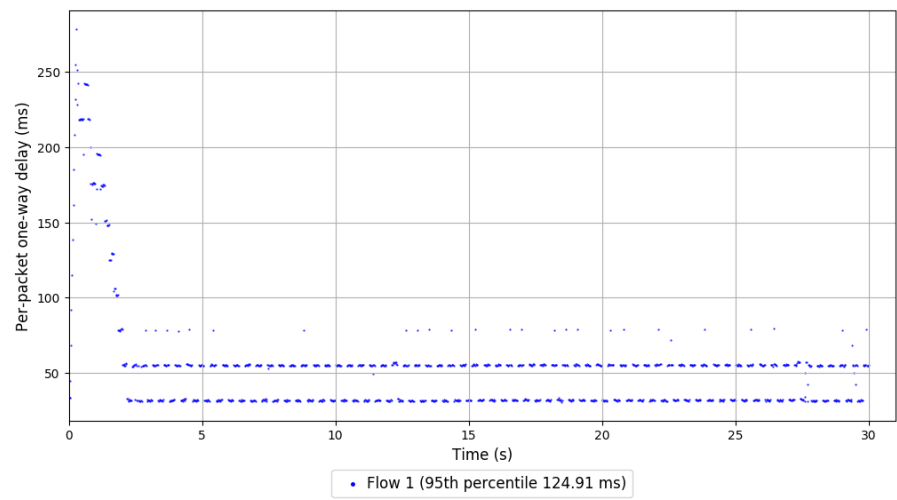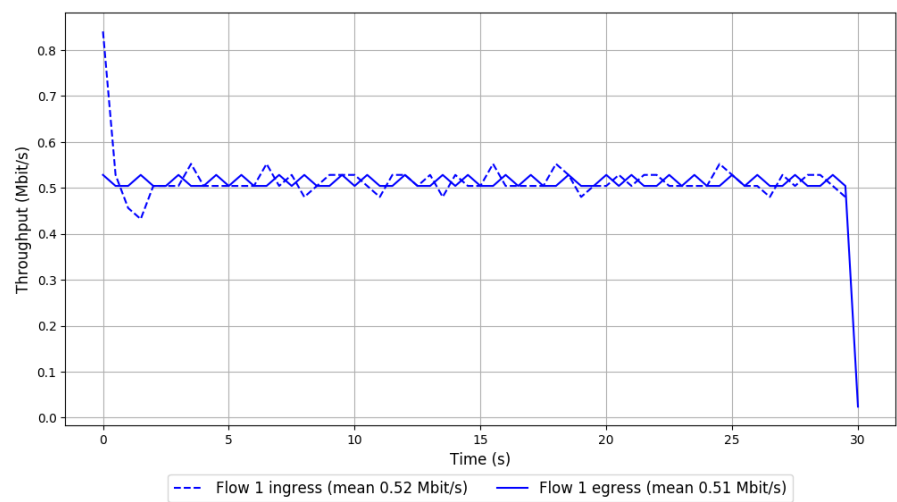
Run 7: Report of CalibratedKoho — Data Link

```
Run 8: Statistics of CalibratedKoho

Start at: Tue, 01 Aug 2017 00:16:33 +0000
End at: Tue, 01 Aug 2017 00:17:03 +0000
Local clock offset: 1.157 ms
Remote clock offset: 5.684 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 124.910 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 124.910 ms
Loss rate: 0.47%
```
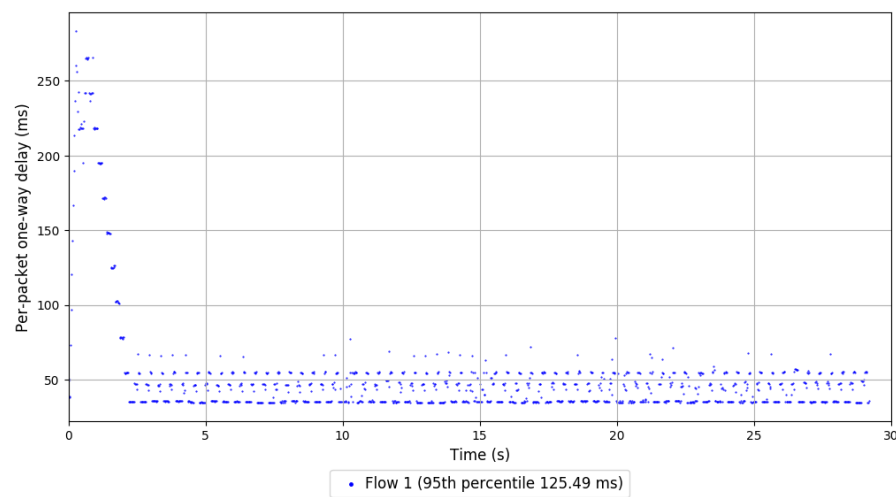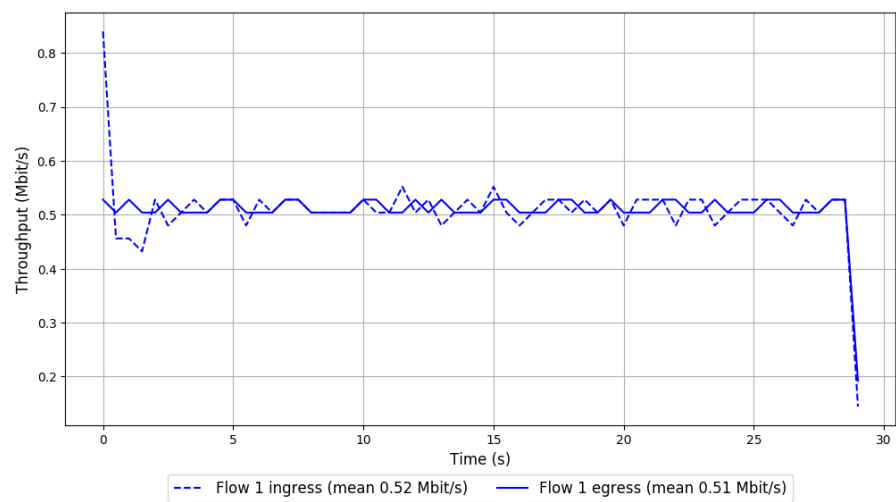
Run 8: Report of CalibratedKoho — Data Link

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

Flow 1 (95th percentile 124.91 ms)

```
Run 9: Statistics of CalibratedKoho

Start at: Tue, 01 Aug 2017 00:33:57 +0000
End at: Tue, 01 Aug 2017 00:34:27 +0000
Local clock offset: 0.826 ms
Remote clock offset: 5.406 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 125.488 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 125.488 ms
Loss rate: 0.24%
```
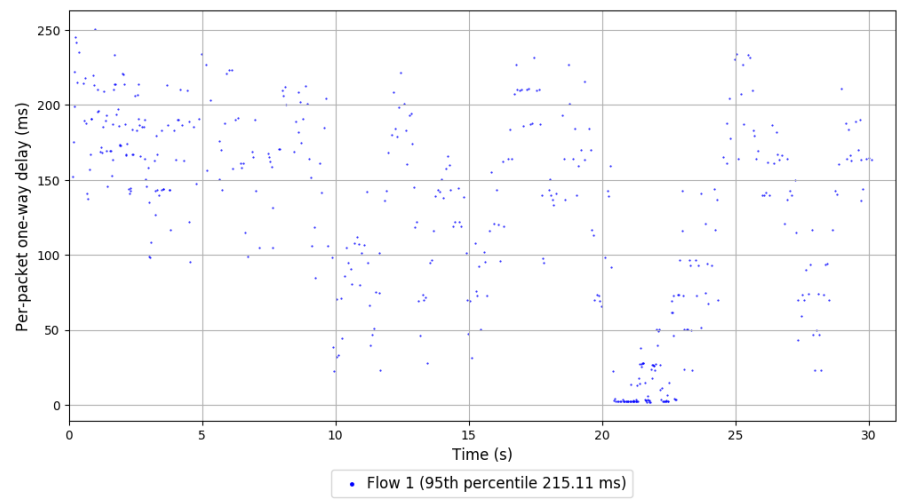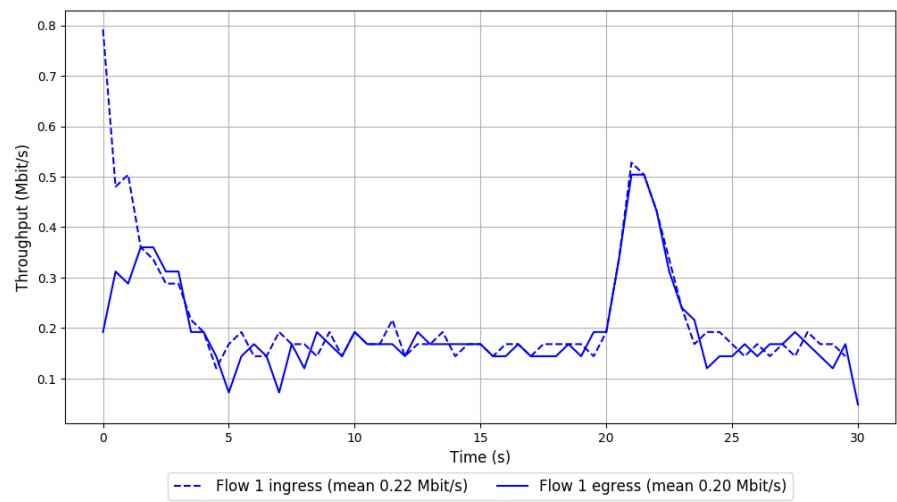
Run 9: Report of CalibratedKoho — Data Link

```
Run 10: Statistics of CalibratedKoho

Start at: Tue, 01 Aug 2017 00:51:51 +0000
End at: Tue, 01 Aug 2017 00:52:21 +0000
Local clock offset: 0.462 ms
Remote clock offset: -23.063 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 215.114 ms
Loss rate: 10.11%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 215.114 ms
Loss rate: 10.11%
```
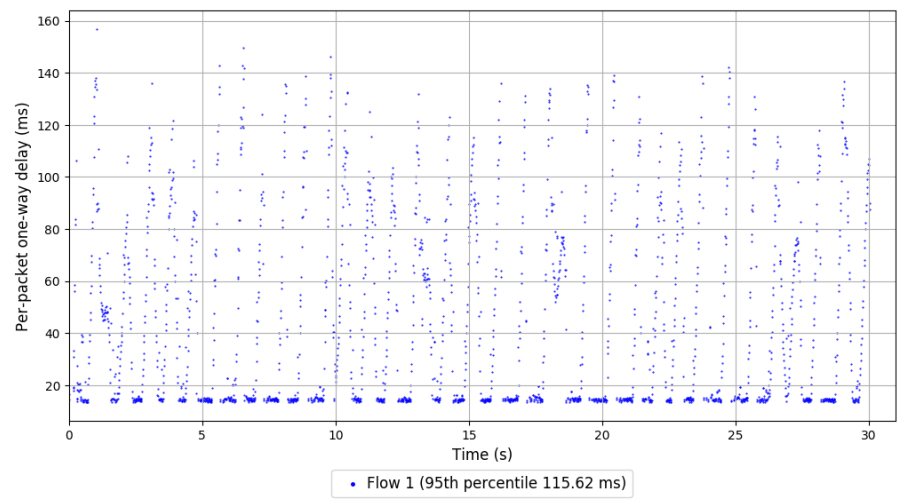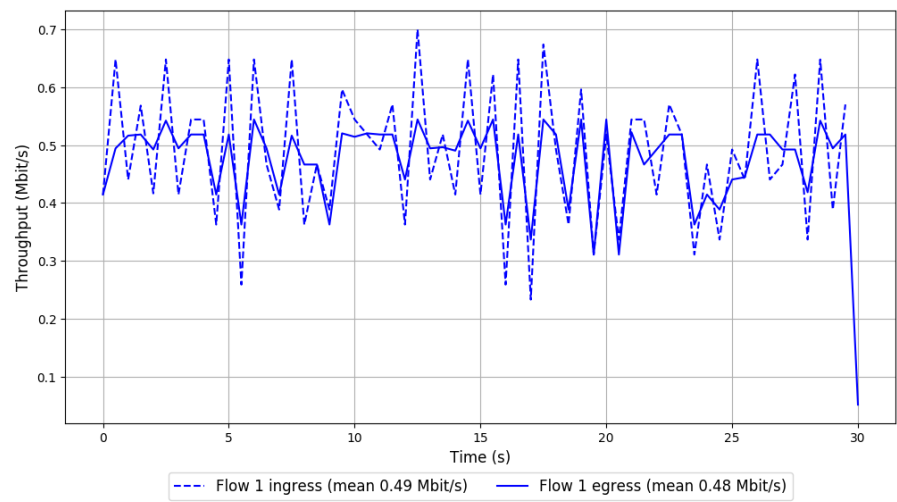
Run 10: Report of CalibratedKoho — Data Link

Flow 1 ingress (mean 0.22 Mbit/s)   Flow 1 egress (mean 0.20 Mbit/s)

Flow 1 (95th percentile 215.11 ms)

```
Run 1: Statistics of Copa

Start at: Mon, 31 Jul 2017 22:19:37 +0000
End at: Mon, 31 Jul 2017 22:20:07 +0000
Local clock offset: 1.518 ms
Remote clock offset: -10.087 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 115.621 ms
Loss rate: 2.07%
-- Flow 1:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 115.621 ms
Loss rate: 2.07%
```
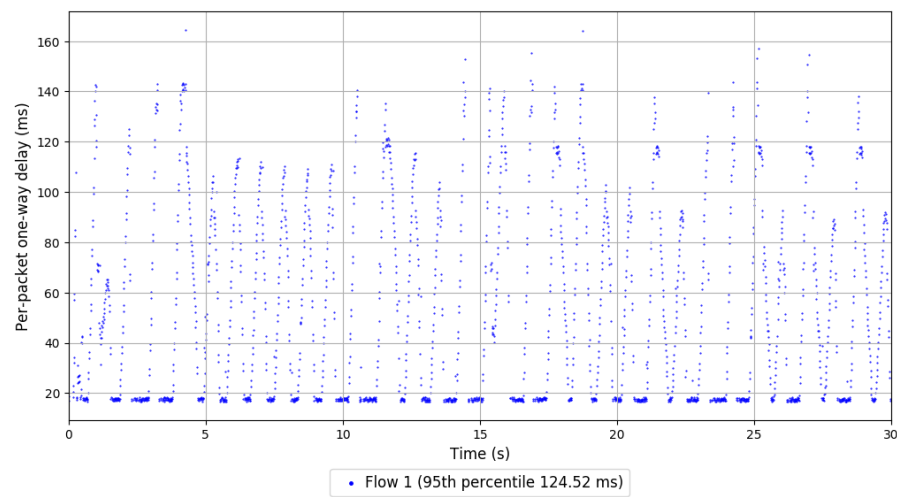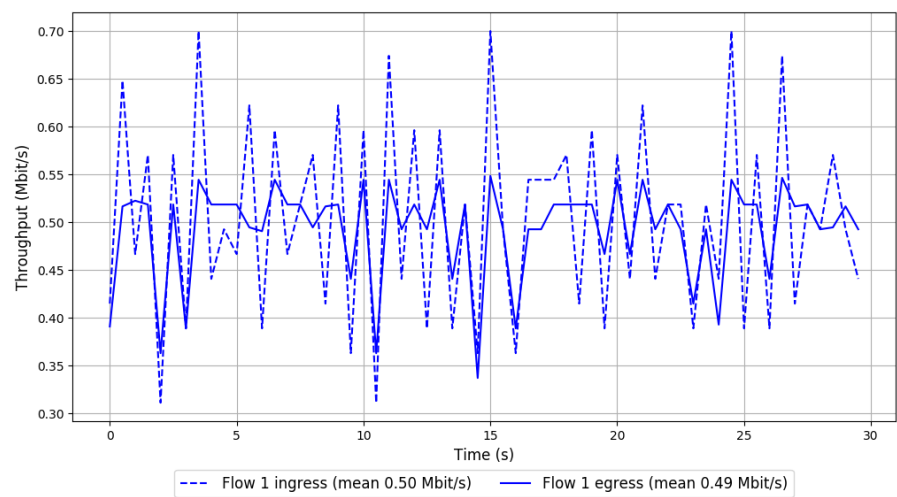
Run 1: Report of Copa — Data Link

Flow 1 ingress (mean 0.49 Mbit/s) —— Flow 1 egress (mean 0.48 Mbit/s)

· Flow 1 (95th percentile 115.62 ms)

```
Run 2: Statistics of Copa

Start at: Mon, 31 Jul 2017 22:37:21 +0000
End at: Mon, 31 Jul 2017 22:37:51 +0000
Local clock offset: -0.291 ms
Remote clock offset: -8.523 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 124.524 ms
Loss rate: 2.02%
-- Flow 1:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 124.524 ms
Loss rate: 2.02%
```
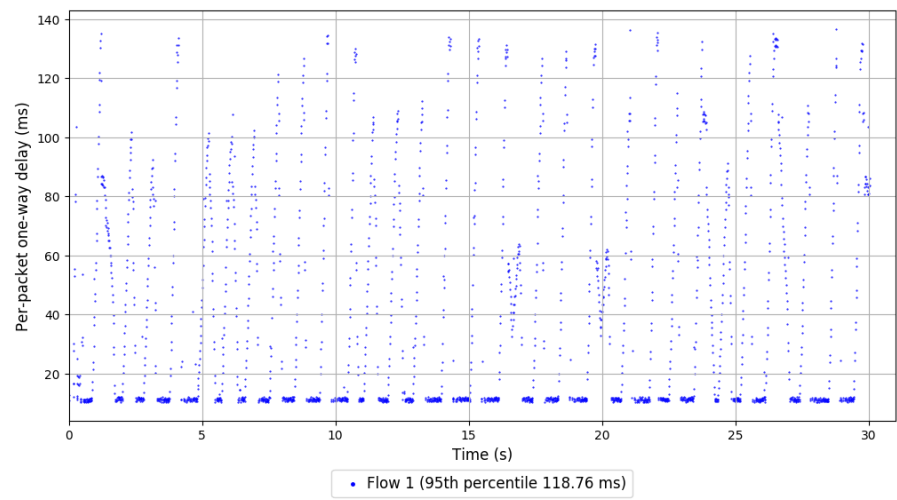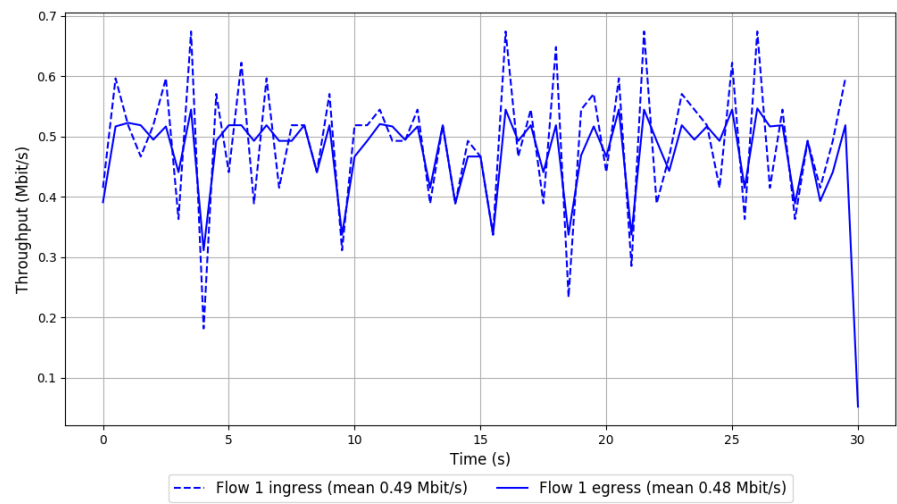
Run 2: Report of Copa — Data Link

```
Run 3: Statistics of Copa

Start at: Mon, 31 Jul 2017 22:55:10 +0000
End at: Mon, 31 Jul 2017 22:55:40 +0000
Local clock offset: 3.582 ms
Remote clock offset: -10.104 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 118.759 ms
Loss rate: 2.26%
-- Flow 1:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 118.759 ms
Loss rate: 2.26%
```

Run 3: Report of Copa — Data Link

```
Run 4: Statistics of Copa

Start at: Mon, 31 Jul 2017 23:12:41 +0000
End at: Mon, 31 Jul 2017 23:13:11 +0000
Local clock offset: -0.703 ms
Remote clock offset: 6.479 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 134.143 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 134.143 ms
Loss rate: 0.41%
```
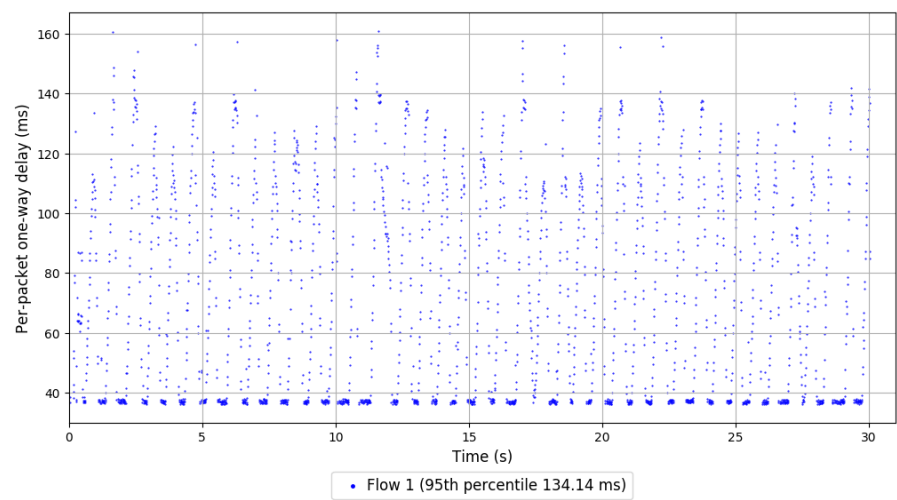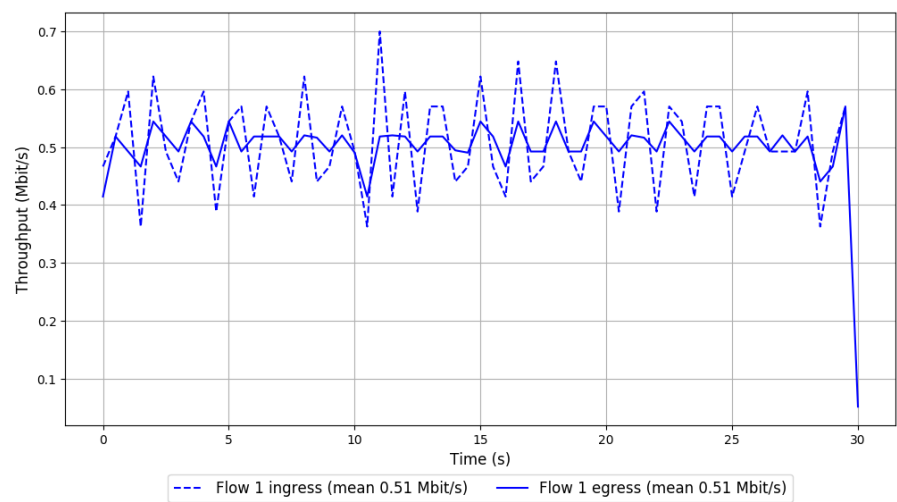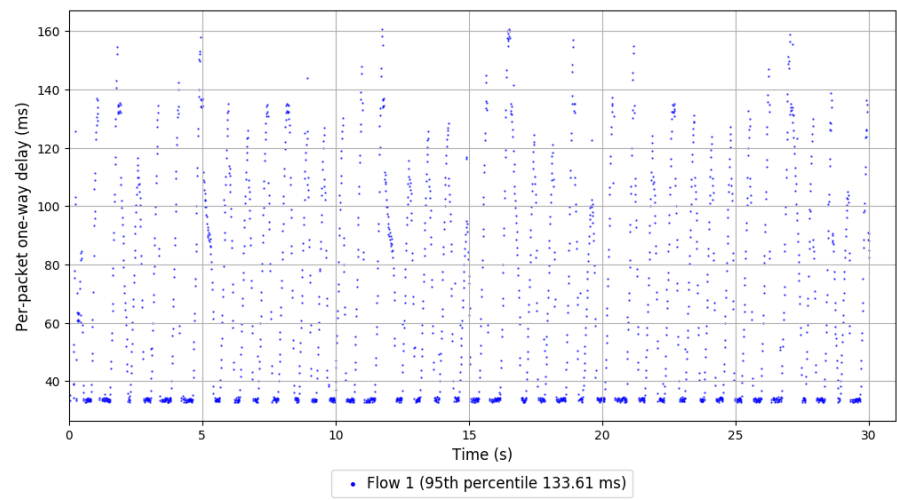
Run 4: Report of Copa — Data Link

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

Flow 1 (95th percentile 134.14 ms)

```
Run 5: Statistics of Copa

Start at: Mon, 31 Jul 2017 23:30:35 +0000
End at: Mon, 31 Jul 2017 23:31:05 +0000
Local clock offset: 2.731 ms
Remote clock offset: 6.663 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 133.607 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 133.607 ms
Loss rate: 0.91%
```
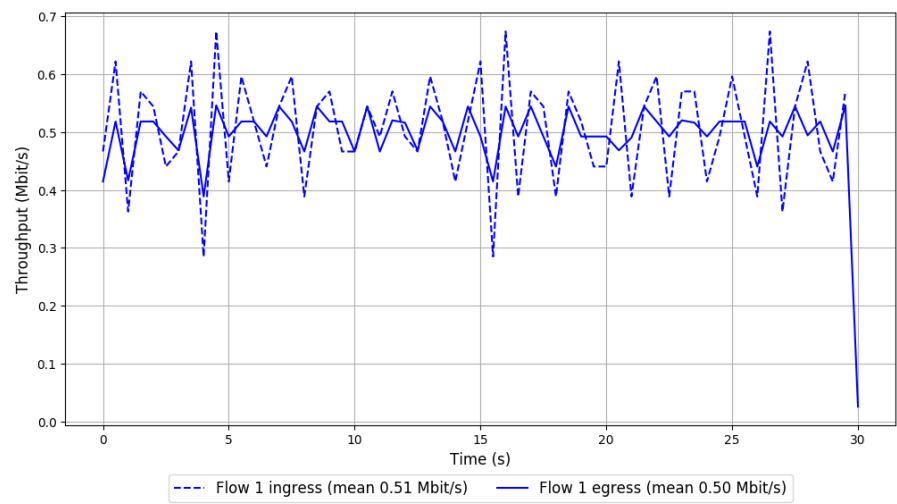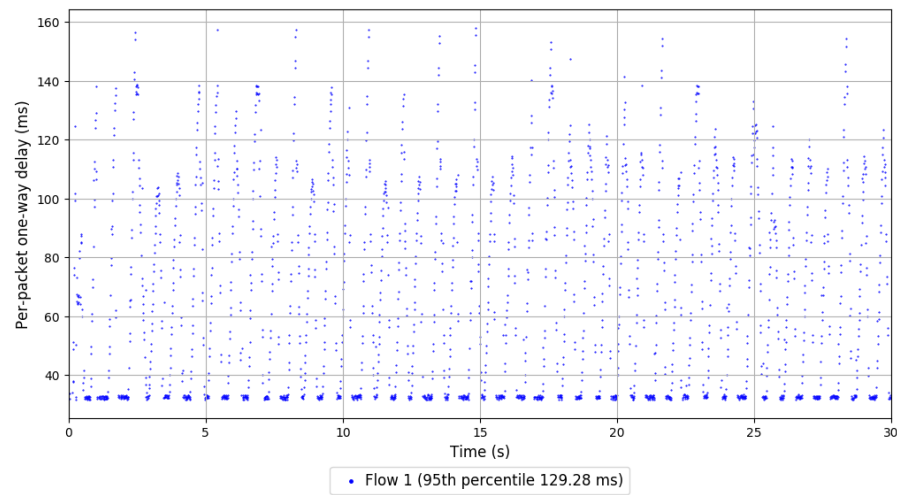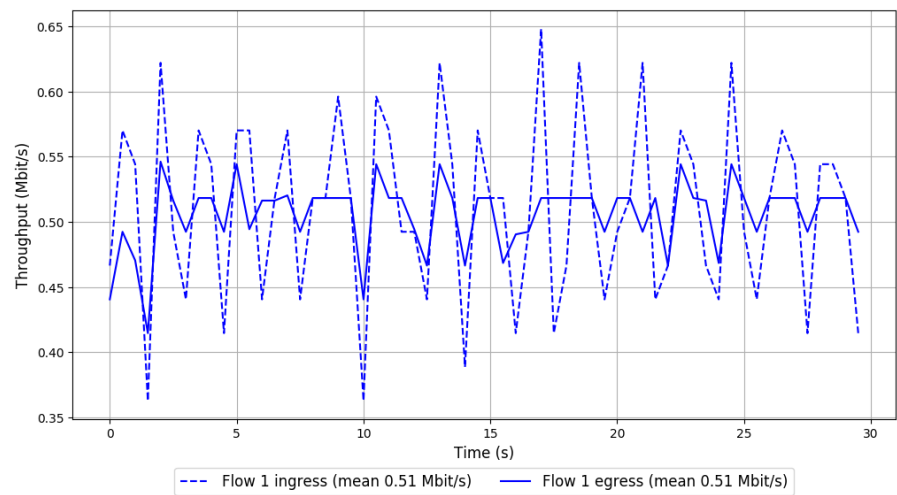
Run 5: Report of Copa — Data Link

Flow 1 ingress (mean 0.51 Mbit/s)   Flow 1 egress (mean 0.50 Mbit/s)

Flow 1 (95th percentile 133.61 ms)

```
Run 6: Statistics of Copa

Start at: Mon, 31 Jul 2017 23:48:01 +0000
End at: Mon, 31 Jul 2017 23:48:31 +0000
Local clock offset: -0.831 ms
Remote clock offset: 6.554 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 129.275 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 129.275 ms
Loss rate: 0.83%
```
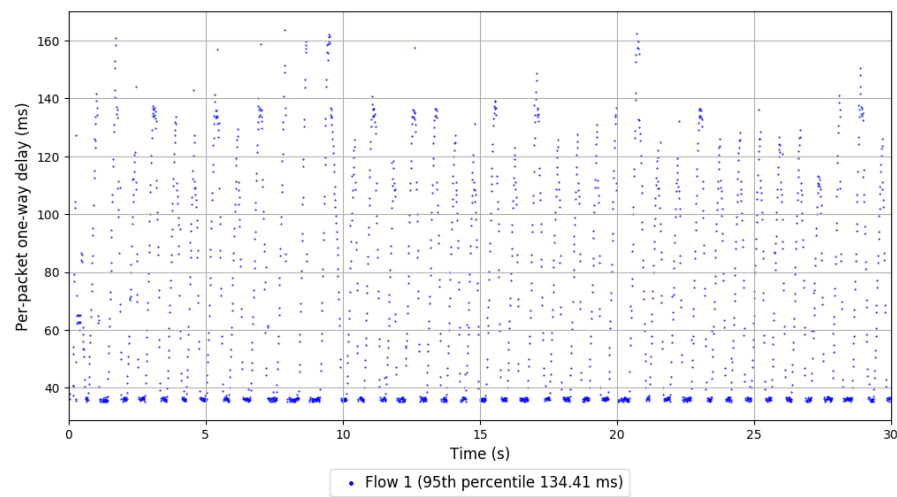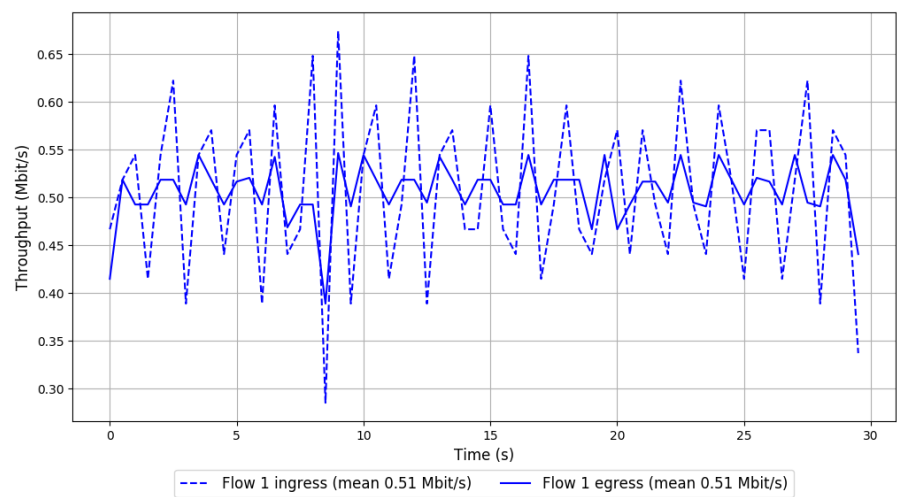
Run 6: Report of Copa — Data Link

```
Run 7: Statistics of Copa

Start at: Tue, 01 Aug 2017 00:05:24 +0000
End at: Tue, 01 Aug 2017 00:05:54 +0000
Local clock offset: 0.406 ms
Remote clock offset: 5.485 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 134.409 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 134.409 ms
Loss rate: 0.18%
```
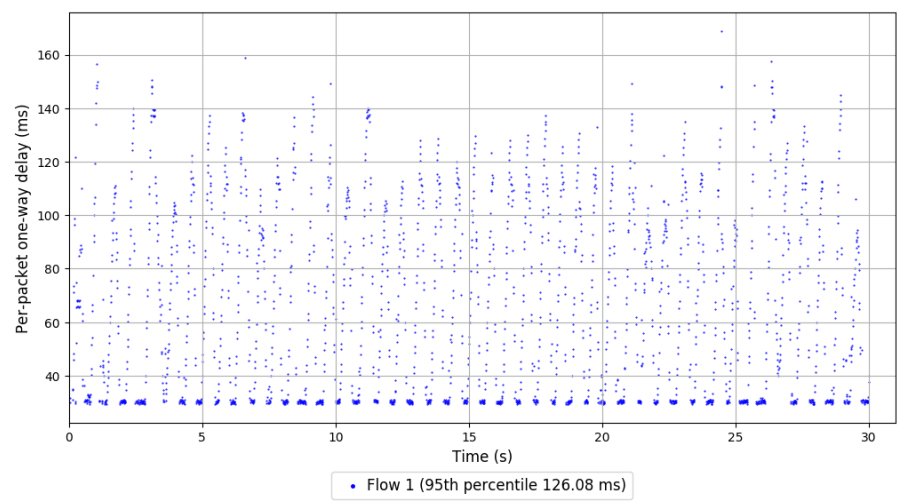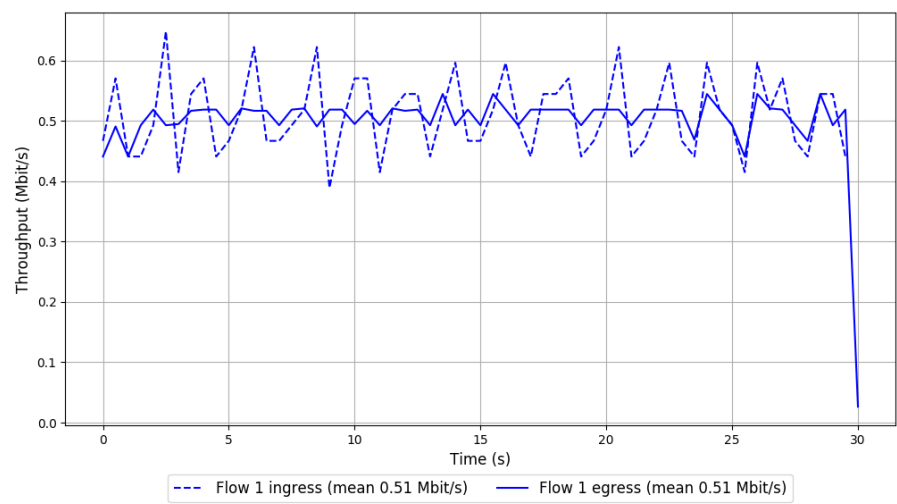
Run 7: Report of Copa — Data Link

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

Flow 1 (95th percentile 134.41 ms)

```
Run 8: Statistics of Copa

Start at: Tue, 01 Aug 2017 00:22:47 +0000
End at: Tue, 01 Aug 2017 00:23:17 +0000
Local clock offset: 1.578 ms
Remote clock offset: 6.064 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 126.082 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 126.082 ms
Loss rate: 0.35%
```
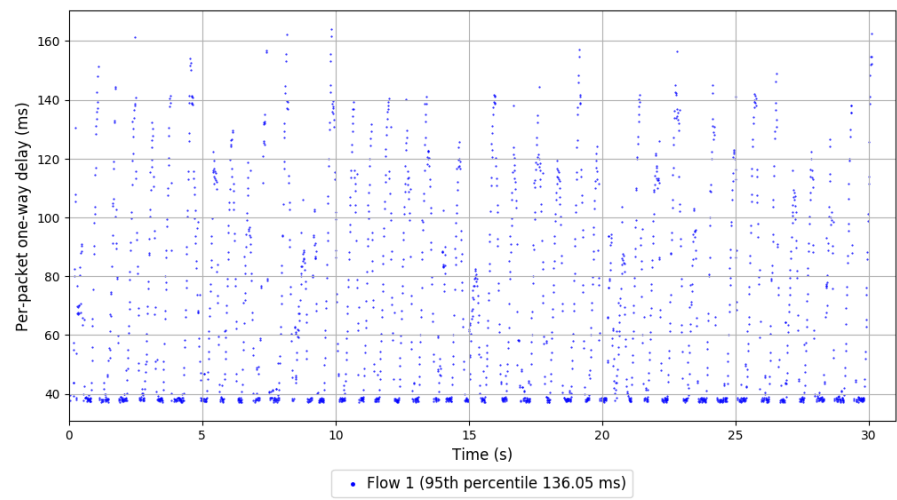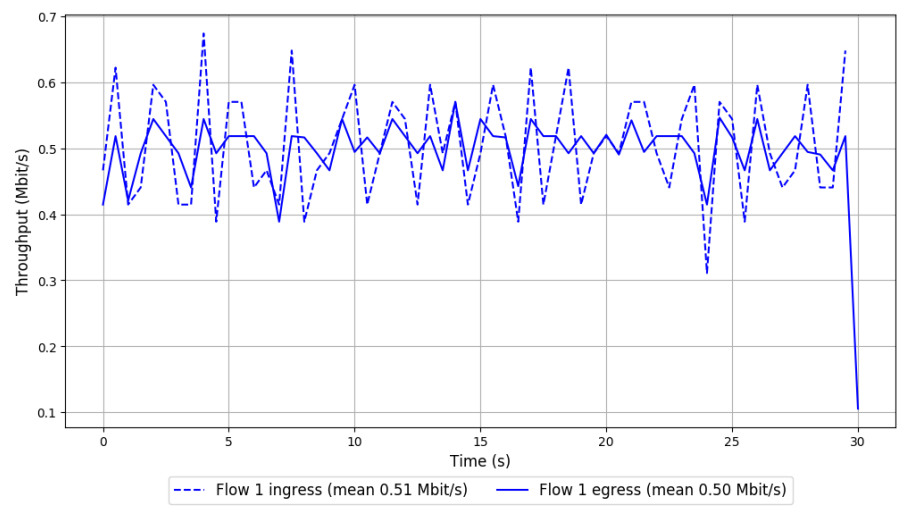
Run 8: Report of Copa — Data Link

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

• Flow 1 (95th percentile 126.08 ms)

```
Run 9: Statistics of Copa

Start at: Tue, 01 Aug 2017 00:40:09 +0000
End at: Tue, 01 Aug 2017 00:40:39 +0000
Local clock offset: -1.16 ms
Remote clock offset: 5.764 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 136.051 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 136.051 ms
Loss rate: 0.58%
```
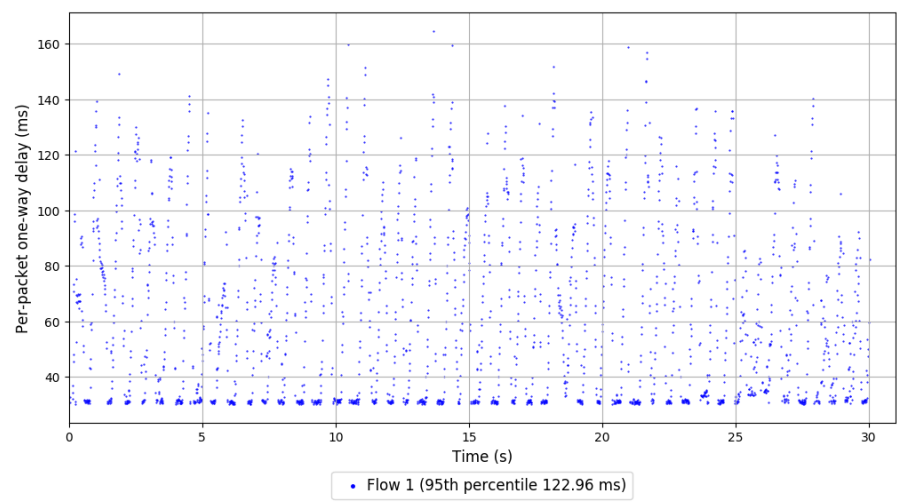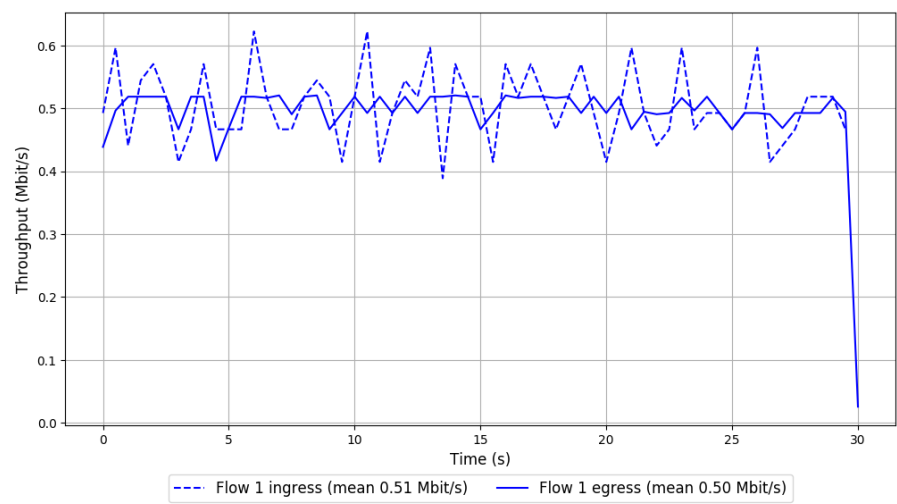
Run 9: Report of Copa — Data Link

```
Run 10: Statistics of Copa

Start at: Tue, 01 Aug 2017 00:58:09 +0000
End at: Tue, 01 Aug 2017 00:58:39 +0000
Local clock offset: 0.124 ms
Remote clock offset: 5.766 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 122.963 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 122.963 ms
Loss rate: 0.74%
```

Run 10: Report of Copa — Data Link

```
Run 1: Statistics of TCP Cubic

Start at: Mon, 31 Jul 2017 22:23:25 +0000
End at: Mon, 31 Jul 2017 22:23:55 +0000
Local clock offset: 0.448 ms
Remote clock offset: -10.144 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 235.982 ms
Loss rate: 2.35%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 235.982 ms
Loss rate: 2.35%
```
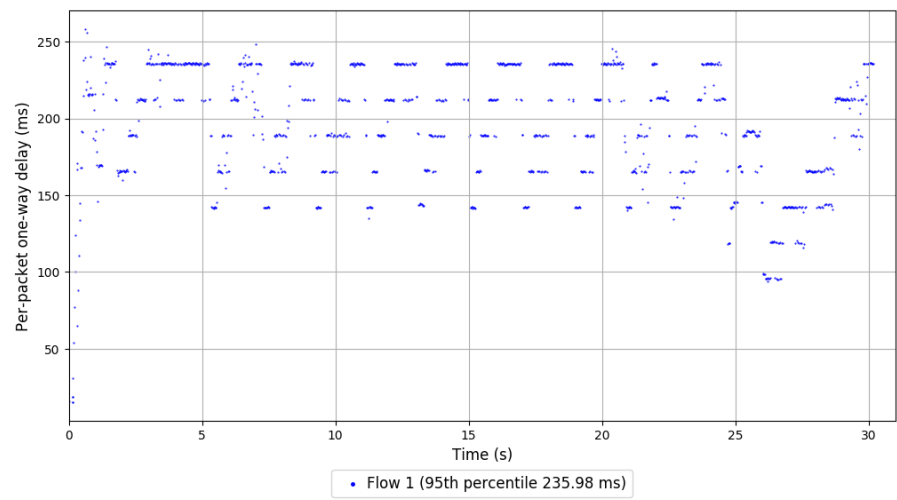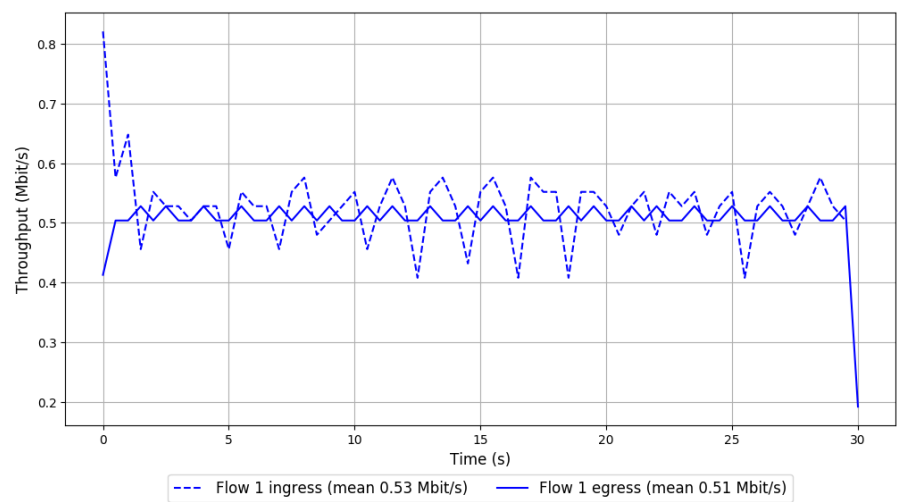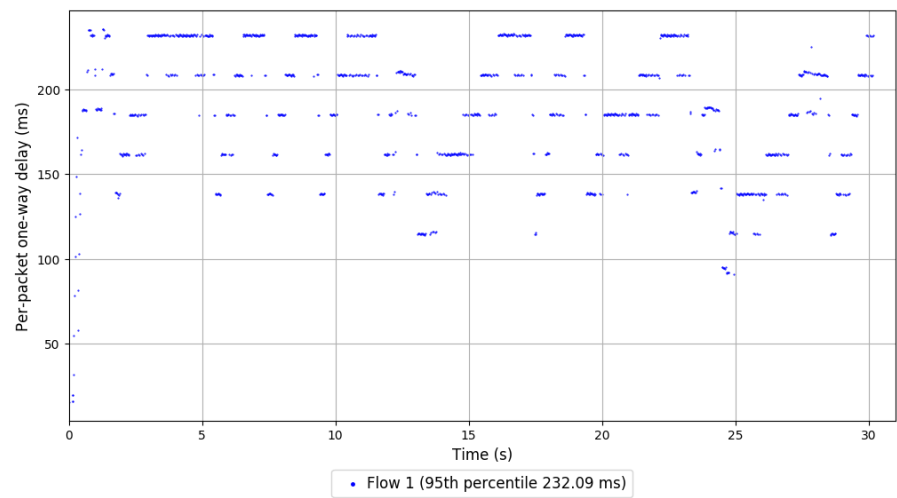
Run 1: Report of TCP Cubic — Data Link

```
Run 2: Statistics of TCP Cubic

Start at: Mon, 31 Jul 2017 22:41:10 +0000
End at: Mon, 31 Jul 2017 22:41:40 +0000
Local clock offset: 3.27 ms
Remote clock offset: -11.109 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 232.087 ms
Loss rate: 2.06%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 232.087 ms
Loss rate: 2.06%
```
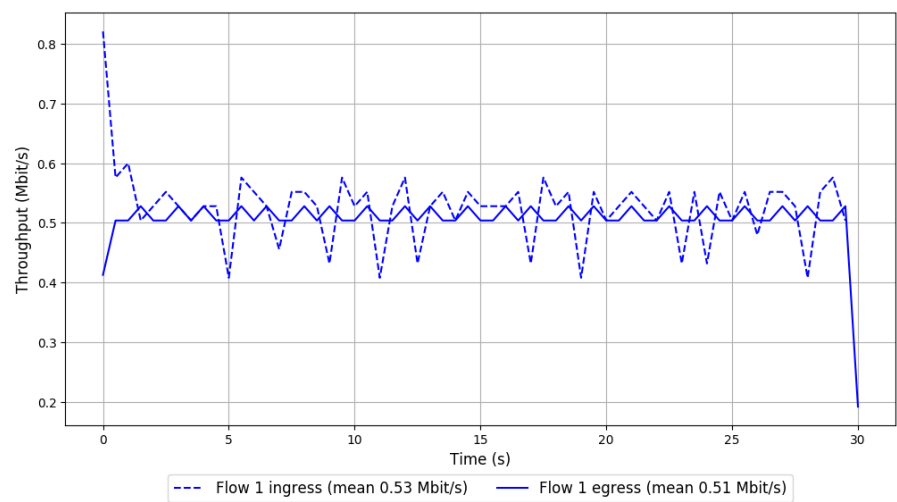
Run 2: Report of TCP Cubic — Data Link

```
Run 3: Statistics of TCP Cubic

Start at: Mon, 31 Jul 2017 22:58:58 +0000
End at: Mon, 31 Jul 2017 22:59:28 +0000
Local clock offset: 1.537 ms
Remote clock offset: -10.011 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 237.751 ms
Loss rate: 2.58%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 237.751 ms
Loss rate: 2.58%
```
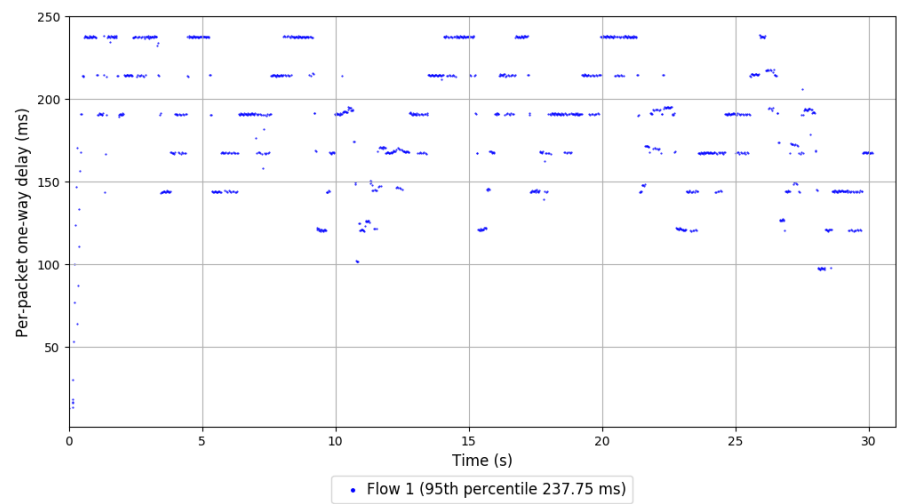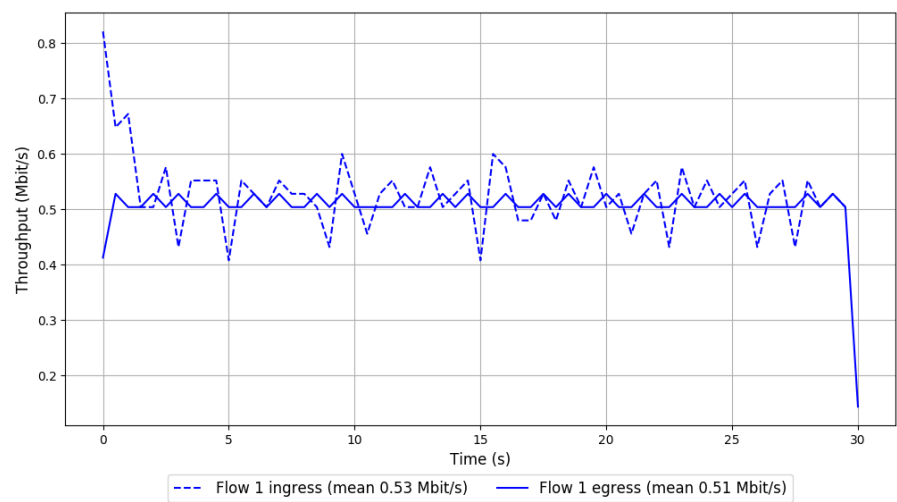
Run 3: Report of TCP Cubic — Data Link

```
Run 4: Statistics of TCP Cubic

Start at: Mon, 31 Jul 2017 23:16:25 +0000
End at: Mon, 31 Jul 2017 23:16:55 +0000
Local clock offset: 3.779 ms
Remote clock offset: 6.446 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 239.870 ms
Loss rate: 7.06%
-- Flow 1:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 239.870 ms
Loss rate: 7.06%
```
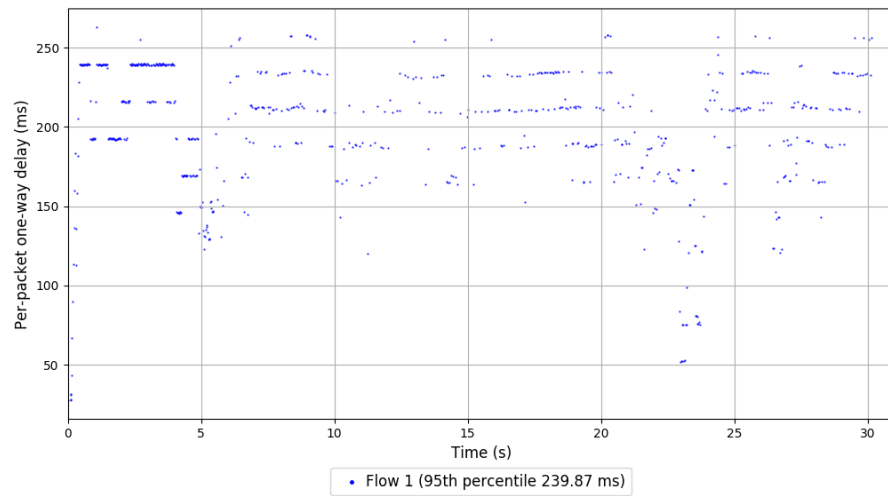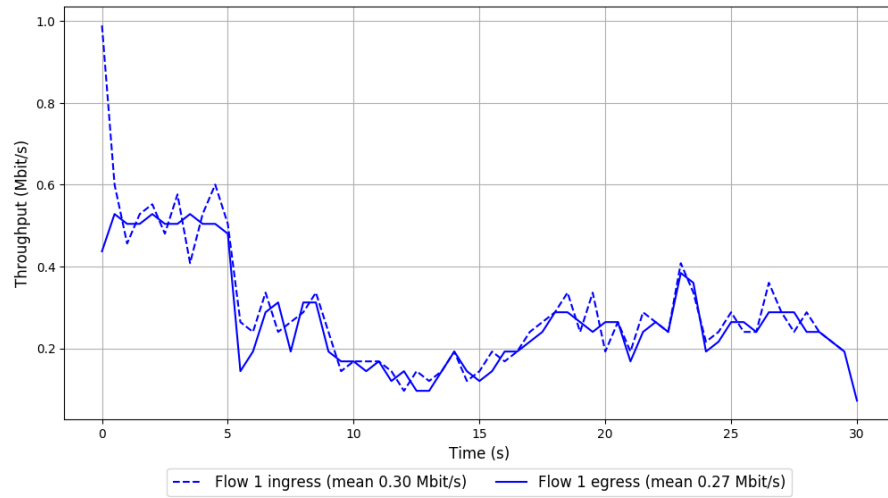
Run 4: Report of TCP Cubic — Data Link

```
Run 5: Statistics of TCP Cubic

Start at: Mon, 31 Jul 2017 23:34:19 +0000
End at: Mon, 31 Jul 2017 23:34:49 +0000
Local clock offset: -3.264 ms
Remote clock offset: 5.036 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 264.610 ms
Loss rate: 2.57%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 264.610 ms
Loss rate: 2.57%
```
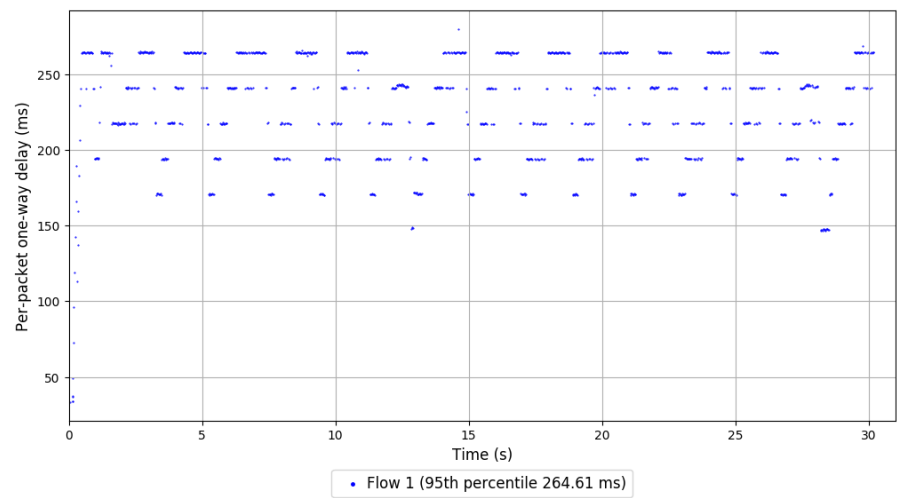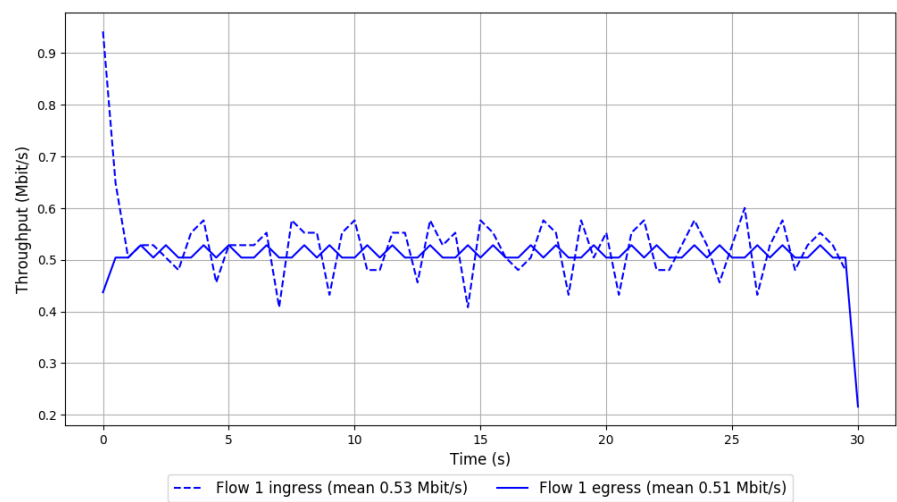
Run 5: Report of TCP Cubic — Data Link

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

• Flow 1 (95th percentile 264.61 ms)

```
Run 6: Statistics of TCP Cubic

Start at: Mon, 31 Jul 2017 23:51:43 +0000
End at: Mon, 31 Jul 2017 23:52:13 +0000
Local clock offset: 1.299 ms
Remote clock offset: 5.468 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 261.354 ms
Loss rate: 2.43%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 261.354 ms
Loss rate: 2.43%
```
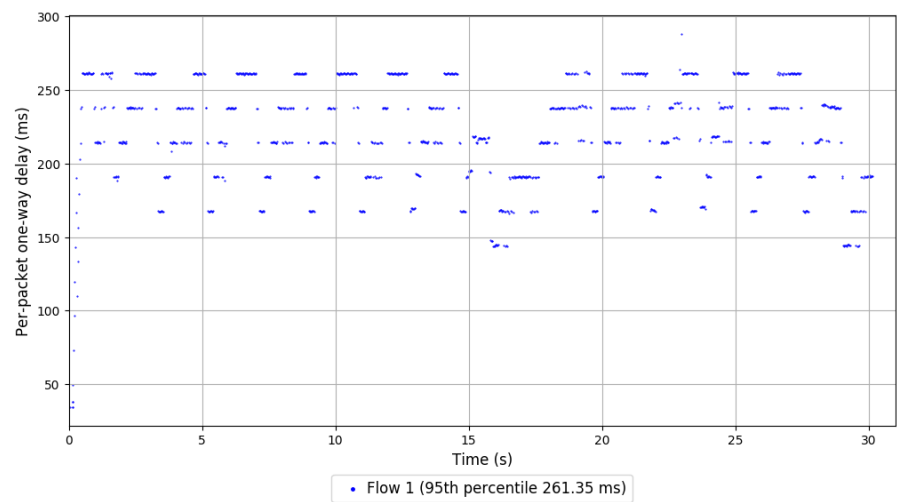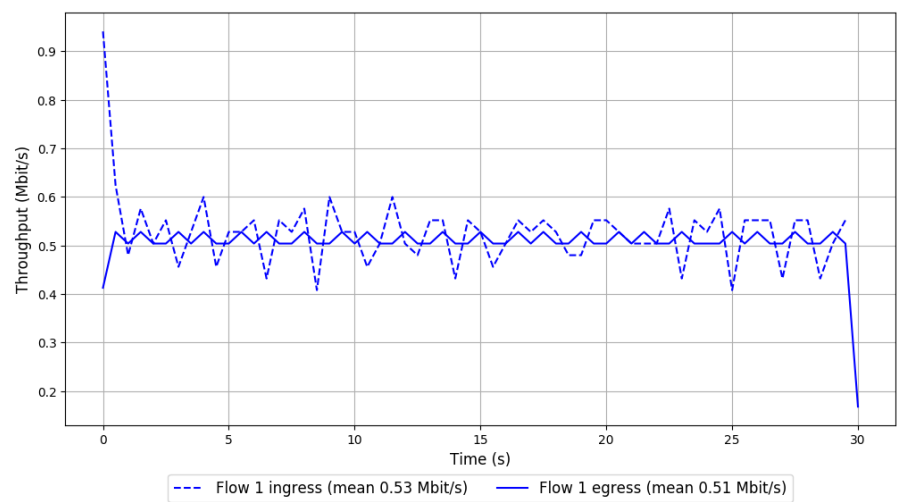
Run 6: Report of TCP Cubic — Data Link

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

• Flow 1 (95th percentile 261.35 ms)

```
Run 7: Statistics of TCP Cubic

Start at: Tue, 01 Aug 2017 00:09:07 +0000
End at: Tue, 01 Aug 2017 00:09:37 +0000
Local clock offset: 1.455 ms
Remote clock offset: 5.115 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 261.340 ms
Loss rate: 2.35%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 261.340 ms
Loss rate: 2.35%
```
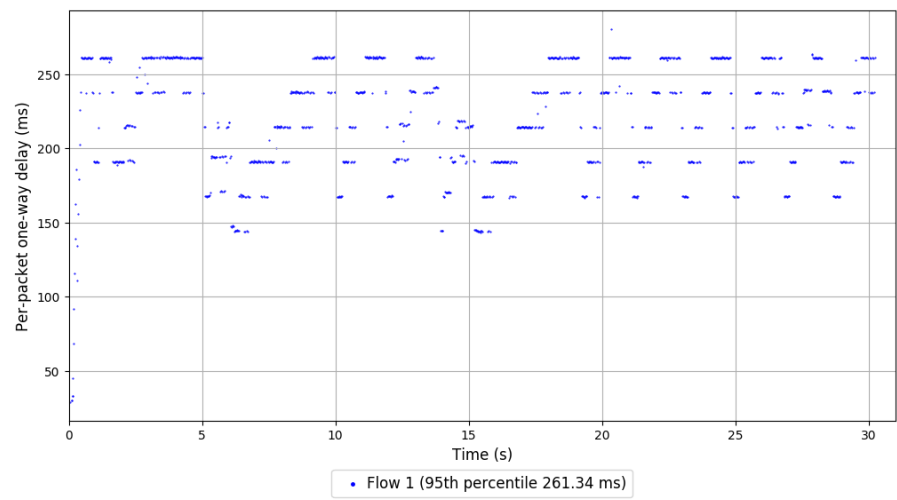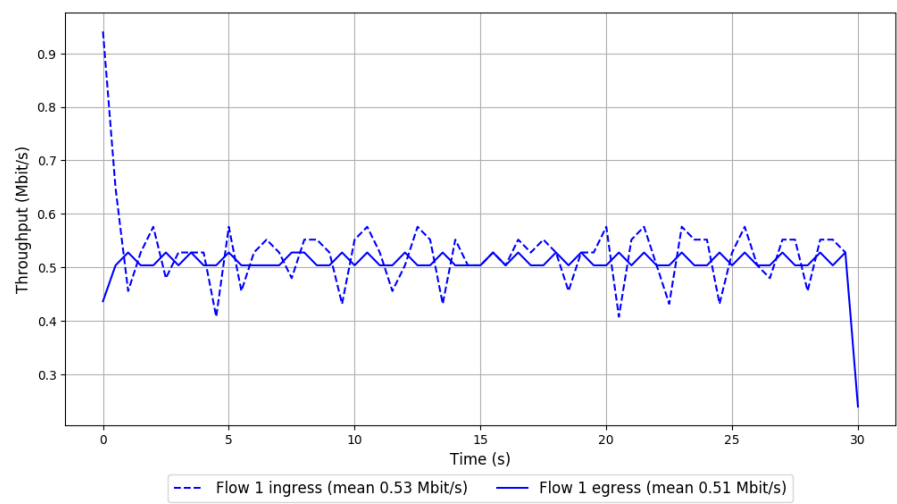
Run 7: Report of TCP Cubic — Data Link

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

Flow 1 (95th percentile 261.34 ms)

```
Run 8: Statistics of TCP Cubic

Start at: Tue, 01 Aug 2017 00:26:29 +0000
End at: Tue, 01 Aug 2017 00:26:59 +0000
Local clock offset: 1.342 ms
Remote clock offset: 6.217 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 242.563 ms
Loss rate: 2.58%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 242.563 ms
Loss rate: 2.58%
```
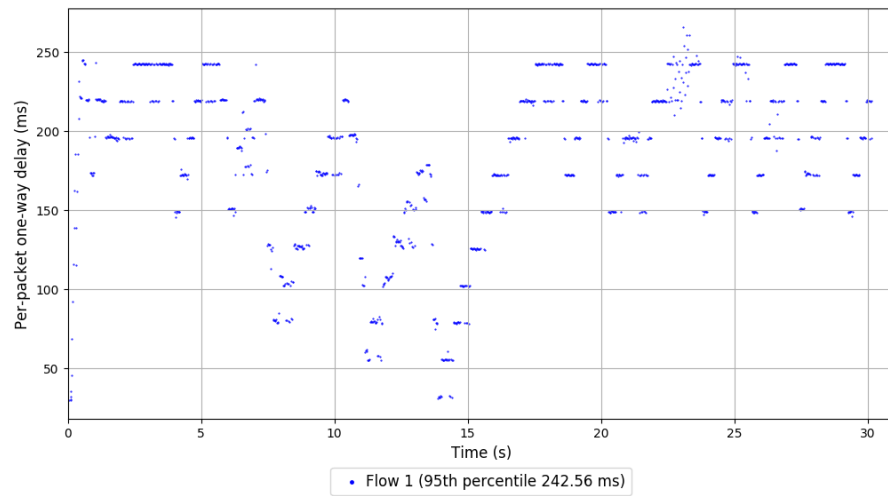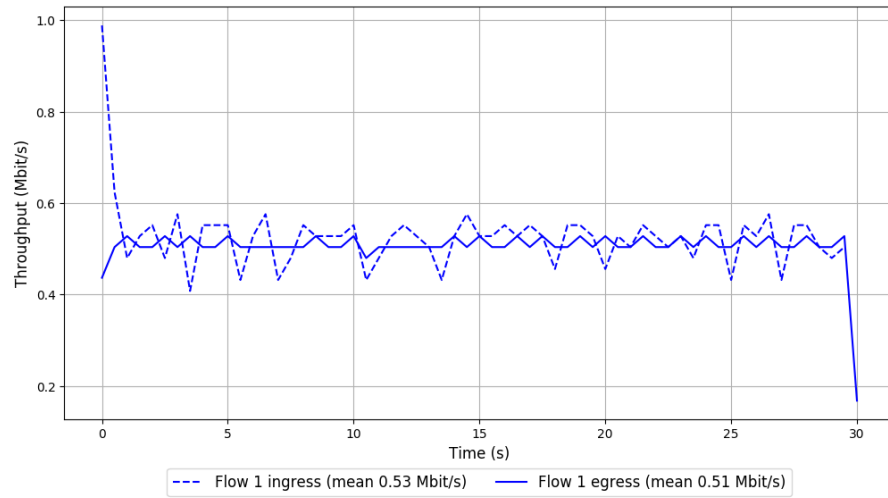
Run 8: Report of TCP Cubic — Data Link

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

• Flow 1 (95th percentile 242.56 ms)

```
Run 9: Statistics of TCP Cubic

Start at: Tue, 01 Aug 2017 00:43:54 +0000
End at: Tue, 01 Aug 2017 00:44:24 +0000
Local clock offset: 1.777 ms
Remote clock offset: 6.207 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 264.609 ms
Loss rate: 2.67%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 264.609 ms
Loss rate: 2.67%
```
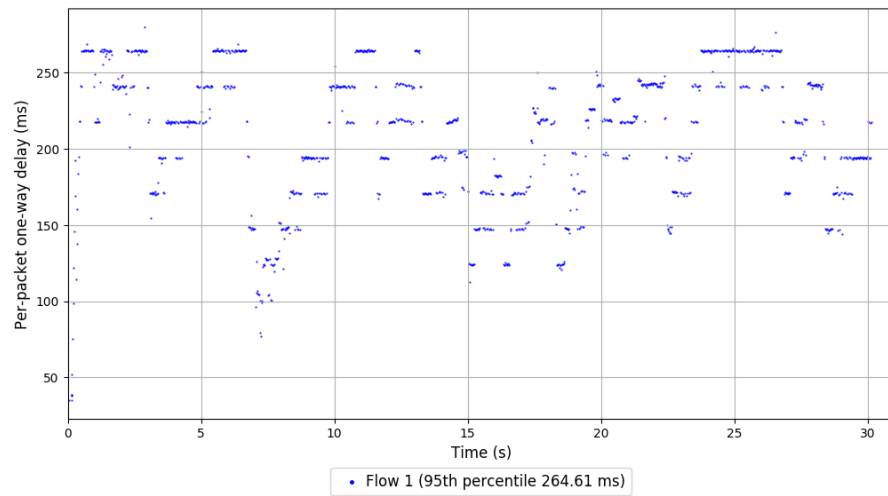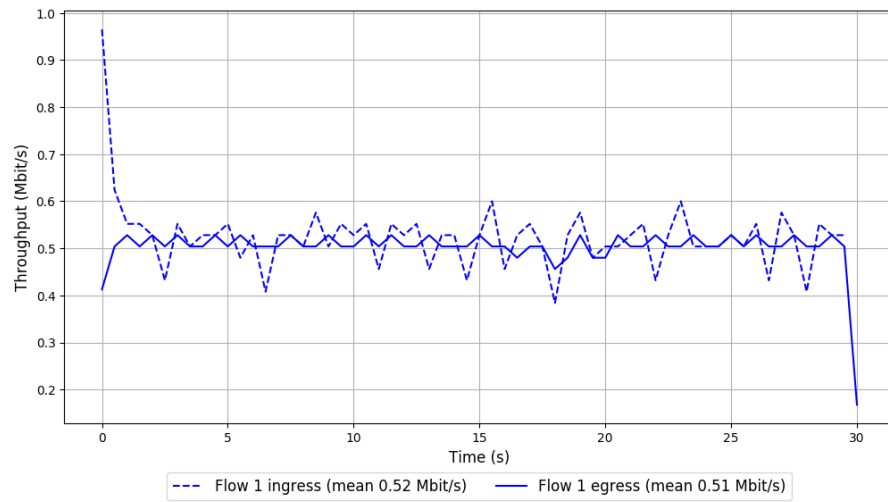
Run 9: Report of TCP Cubic — Data Link

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

• Flow 1 (95th percentile 264.61 ms)

```
Run 10: Statistics of TCP Cubic

Start at: Tue, 01 Aug 2017 01:01:52 +0000
End at: Tue, 01 Aug 2017 01:02:22 +0000
Local clock offset: -1.107 ms
Remote clock offset: 5.475 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 266.697 ms
Loss rate: 2.13%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 266.697 ms
Loss rate: 2.13%
```
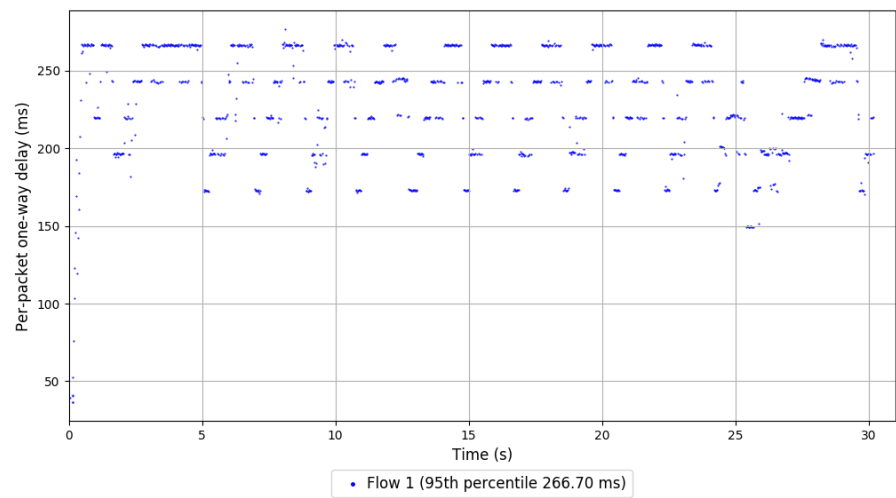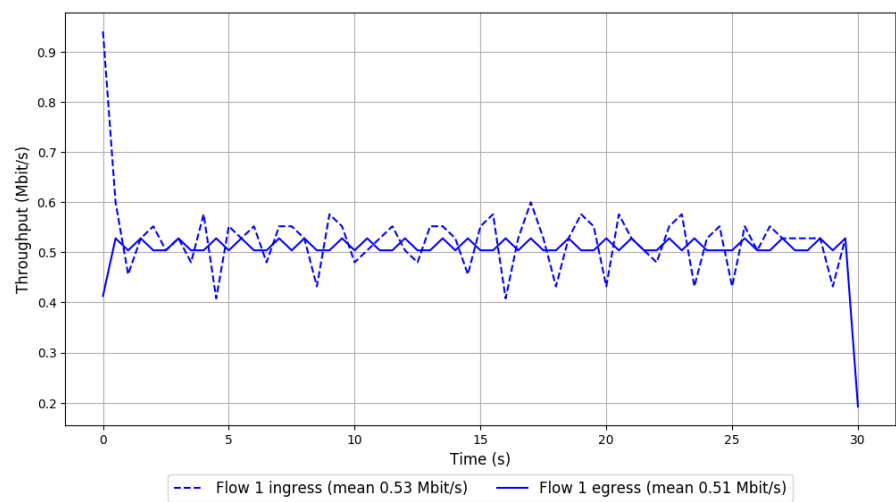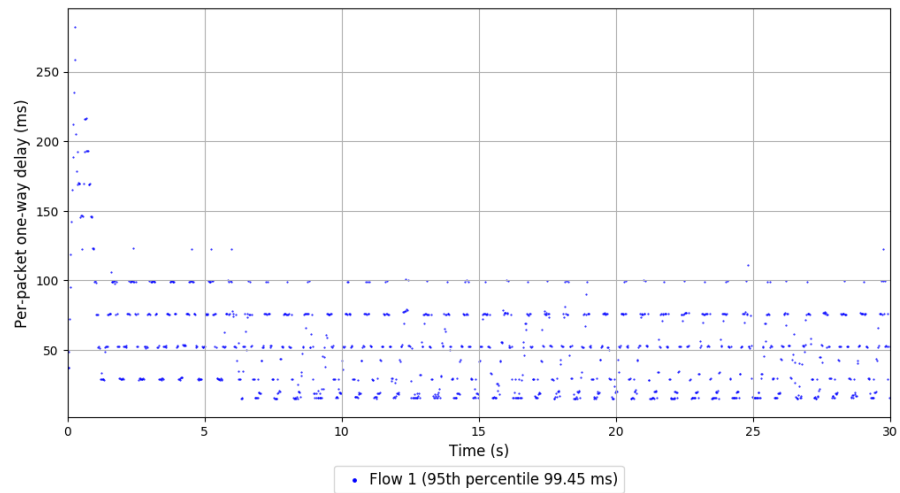
Run 10: Report of TCP Cubic — Data Link

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

Flow 1 (95th percentile 266.70 ms)

```
Run 1: Statistics of KohoCC

Start at: Mon, 31 Jul 2017 22:22:09 +0000
End at: Mon, 31 Jul 2017 22:22:39 +0000
Local clock offset: 0.412 ms
Remote clock offset: -10.515 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 99.454 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 99.454 ms
Loss rate: 0.31%
```
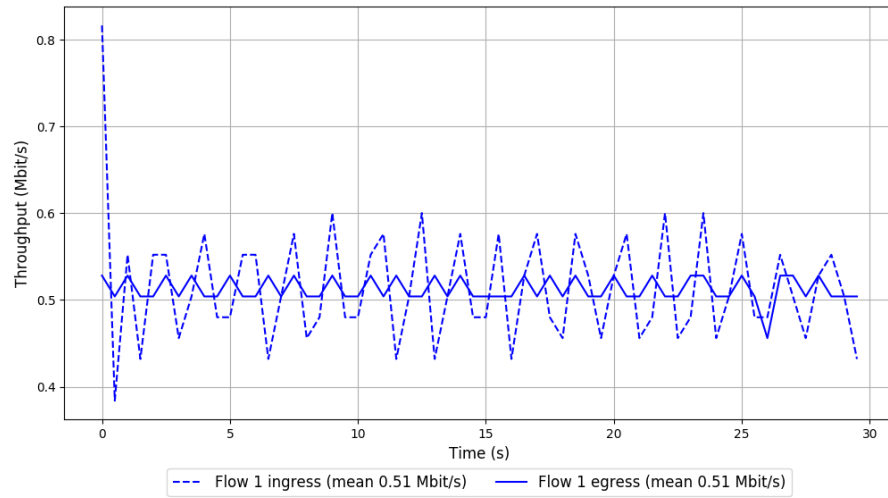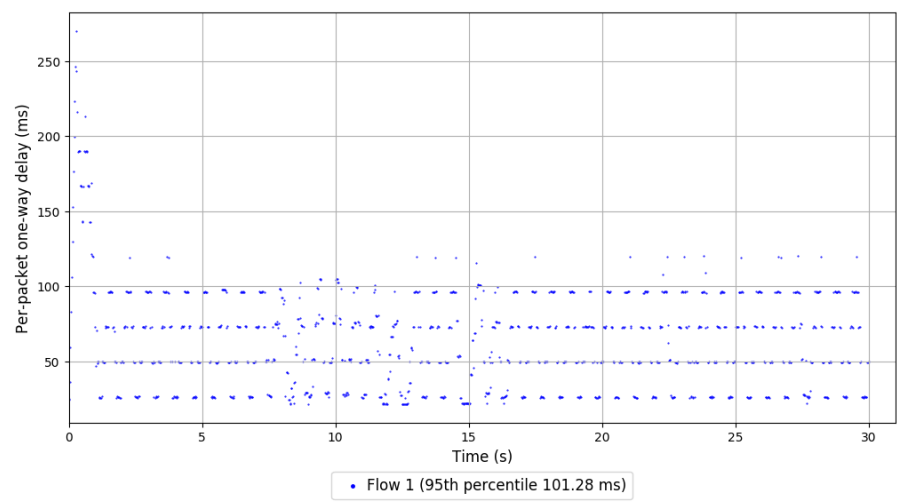
Run 1: Report of KohoCC — Data Link

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

Flow 1 (95th percentile 99.45 ms)

```
Run 2: Statistics of KohoCC

Start at: Mon, 31 Jul 2017 22:39:54 +0000
End at: Mon, 31 Jul 2017 22:40:24 +0000
Local clock offset: -1.854 ms
Remote clock offset: -10.854 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 101.282 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 101.282 ms
Loss rate: 0.23%
```
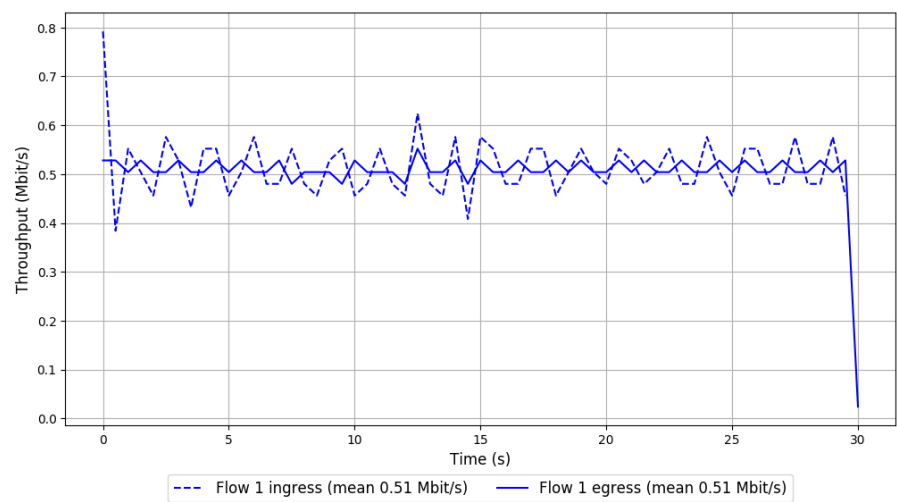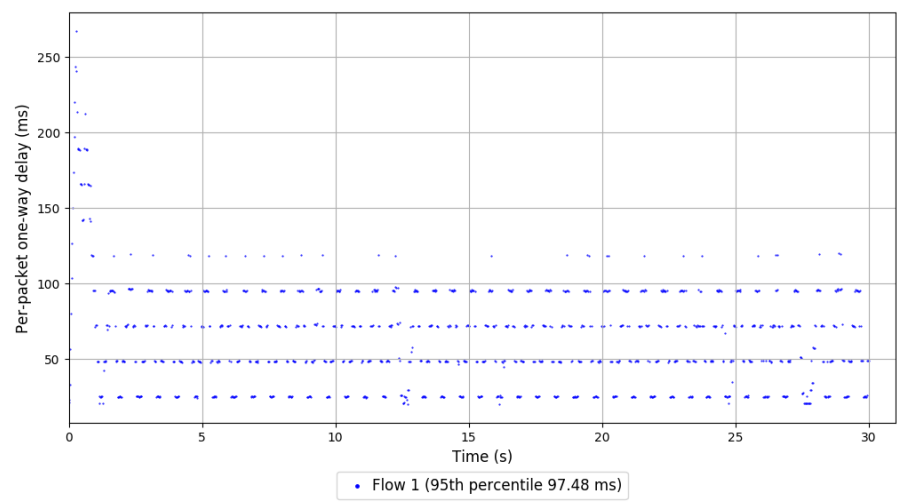
Run 2: Report of KohoCC — Data Link

```
Run 3: Statistics of KohoCC

Start at: Mon, 31 Jul 2017 22:57:42 +0000
End at: Mon, 31 Jul 2017 22:58:12 +0000
Local clock offset: -0.56 ms
Remote clock offset: -10.195 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 97.481 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 97.481 ms
Loss rate: 0.31%
```
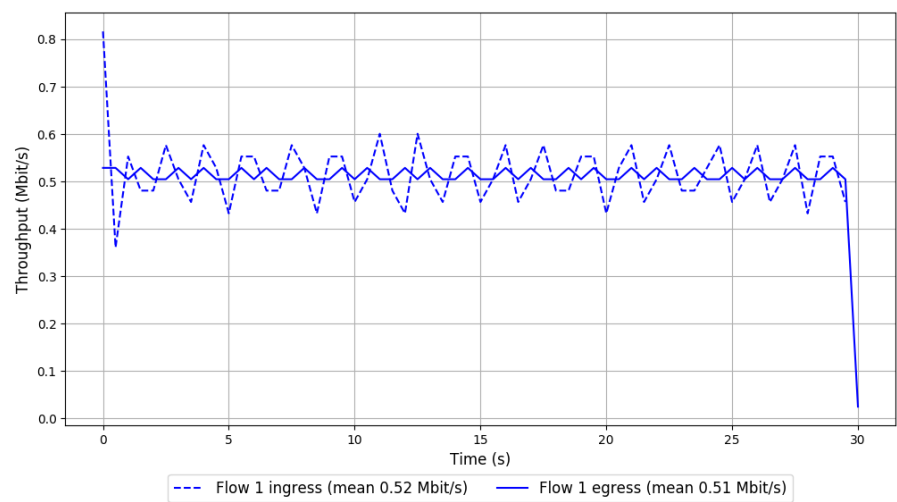
Run 3: Report of KohoCC — Data Link

```
Run 4: Statistics of KohoCC

Start at: Mon, 31 Jul 2017 23:15:10 +0000
End at: Mon, 31 Jul 2017 23:15:40 +0000
Local clock offset: 3.259 ms
Remote clock offset: 6.193 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 96.114 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 96.114 ms
Loss rate: 0.23%
```
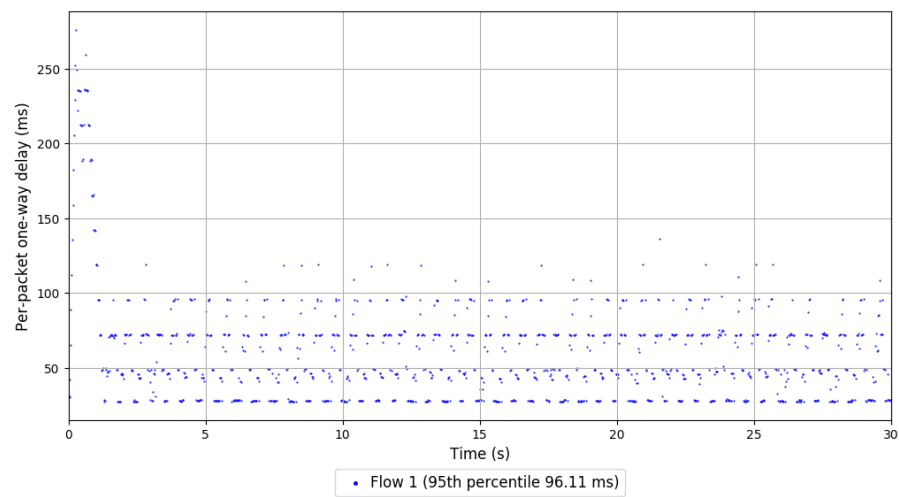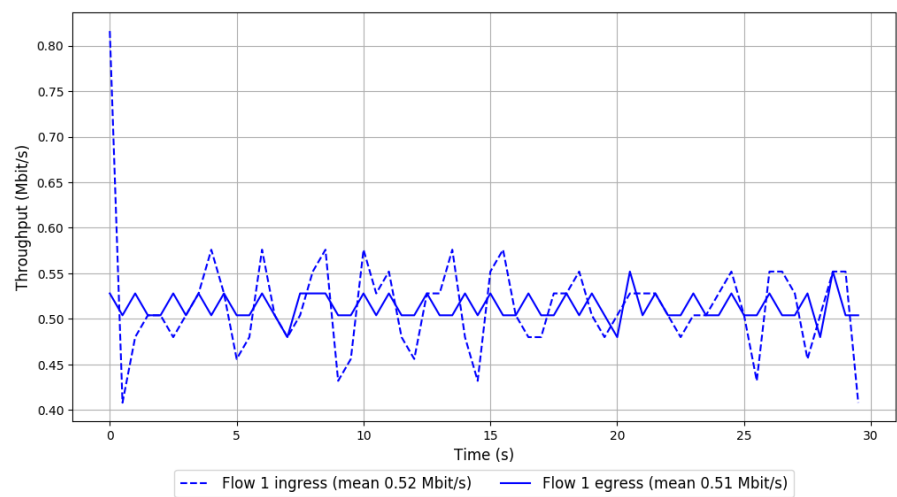
Run 4: Report of KohoCC — Data Link

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

• Flow 1 (95th percentile 96.11 ms)

```
Run 5: Statistics of KohoCC

Start at: Mon, 31 Jul 2017 23:33:05 +0000
End at: Mon, 31 Jul 2017 23:33:35 +0000
Local clock offset: -0.908 ms
Remote clock offset: 9.238 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 103.580 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 103.580 ms
Loss rate: 0.23%
```
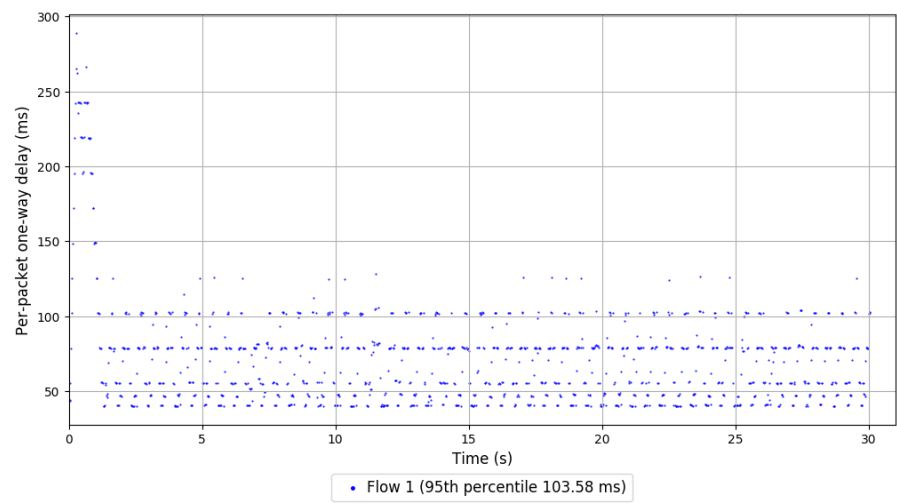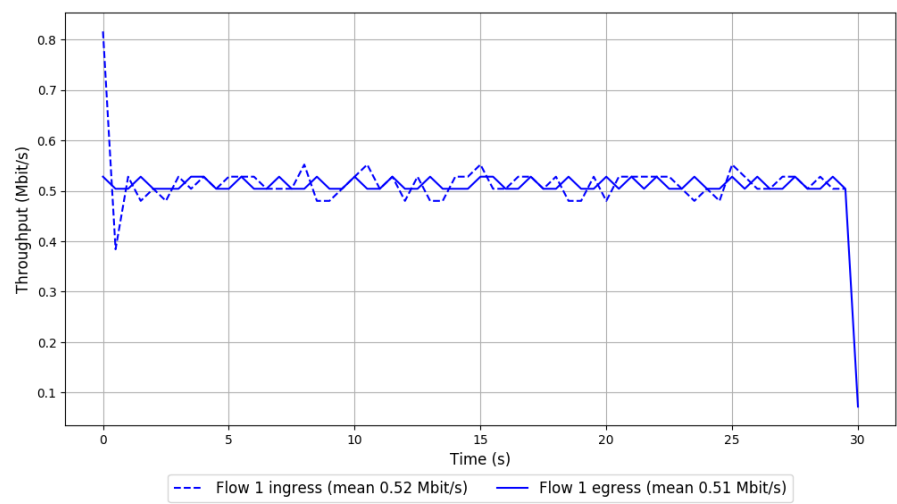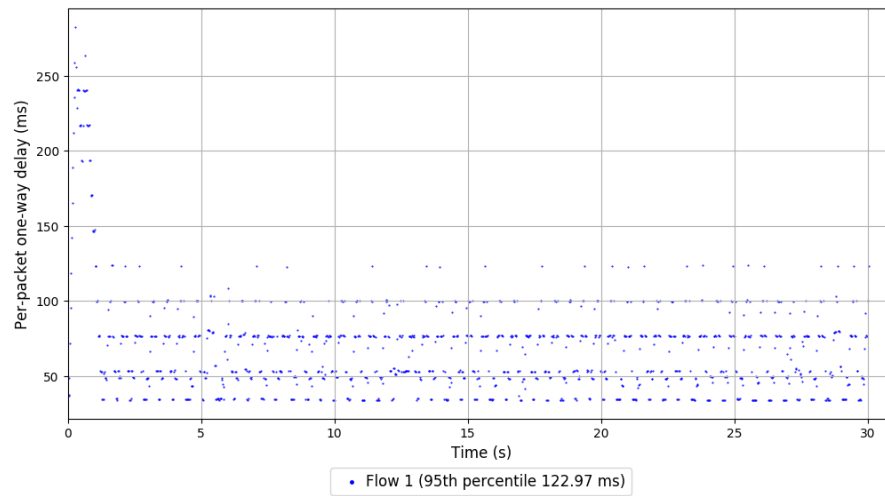
Run 5: Report of KohoCC — Data Link

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

Flow 1 (95th percentile 103.58 ms)

```
Run 6: Statistics of KohoCC

Start at: Mon, 31 Jul 2017 23:50:29 +0000
End at: Mon, 31 Jul 2017 23:50:59 +0000
Local clock offset: 2.518 ms
Remote clock offset: 6.178 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:29:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 122.973 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 122.973 ms
Loss rate: 0.23%
```
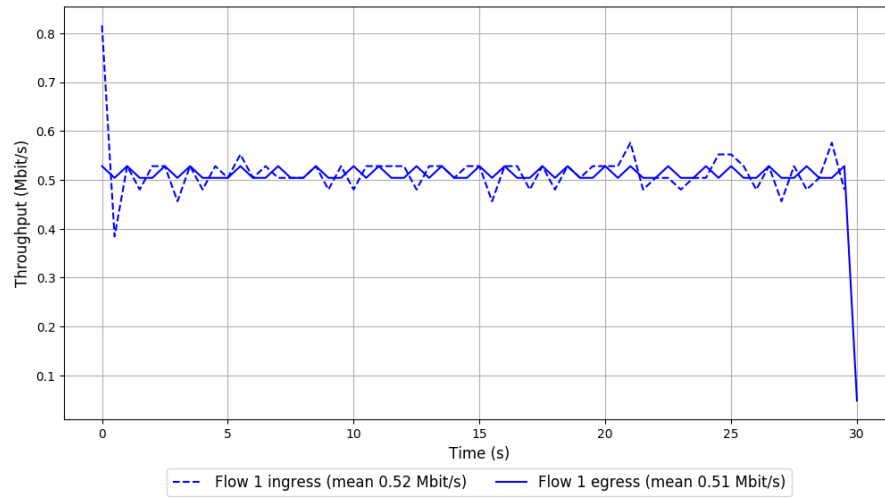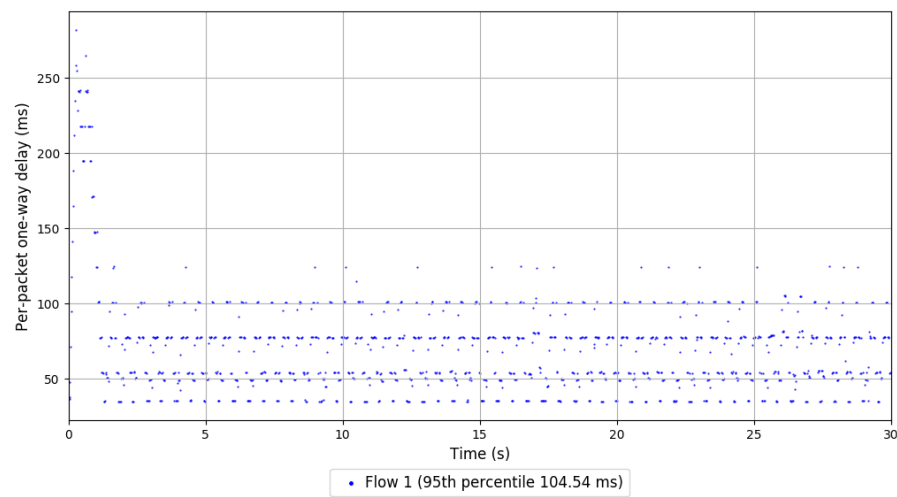
Run 6: Report of KohoCC — Data Link

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

Flow 1 (95th percentile 122.97 ms)

```
Run 7: Statistics of KohoCC

Start at: Tue, 01 Aug 2017 00:07:53 +0000
End at: Tue, 01 Aug 2017 00:08:23 +0000
Local clock offset: 1.888 ms
Remote clock offset: 5.666 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 104.539 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 104.539 ms
Loss rate: 0.23%
```
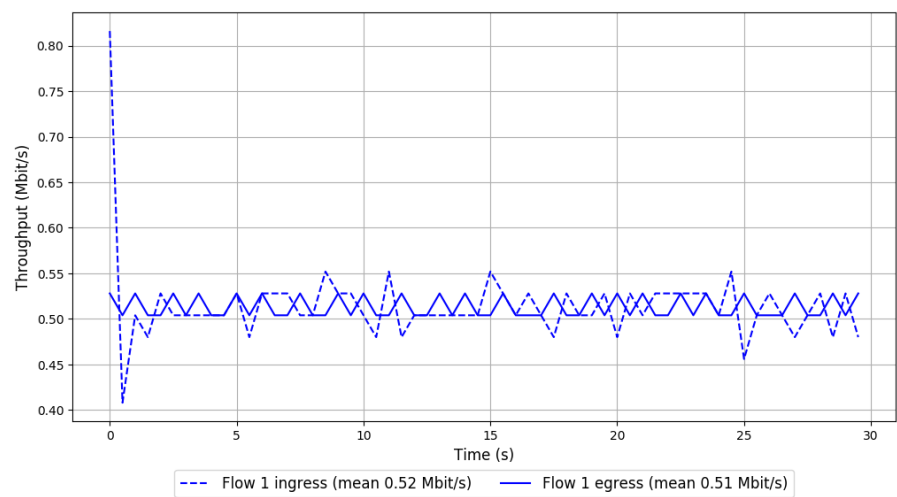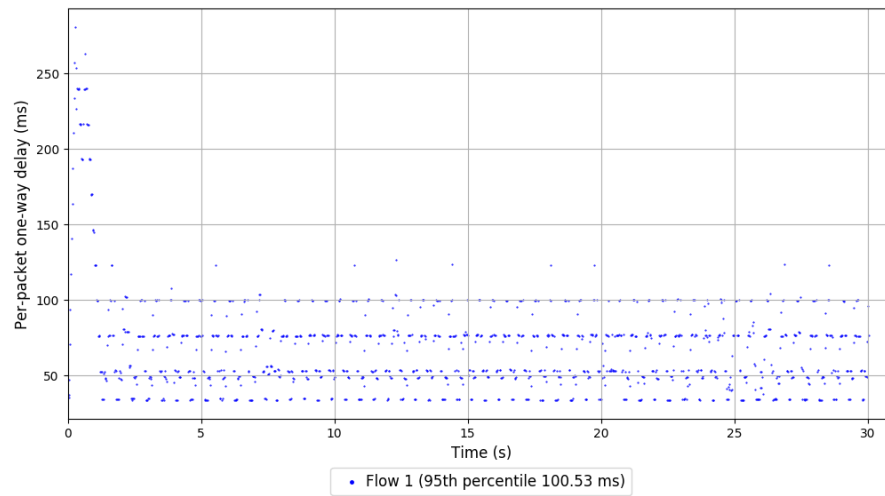
Run 7: Report of KohoCC — Data Link

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

Flow 1 (95th percentile 104.54 ms)

```
Run 8: Statistics of KohoCC

Start at: Tue, 01 Aug 2017 00:25:15 +0000
End at: Tue, 01 Aug 2017 00:25:45 +0000
Local clock offset: 1.774 ms
Remote clock offset: 5.01 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 100.534 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 100.534 ms
Loss rate: 0.31%
```
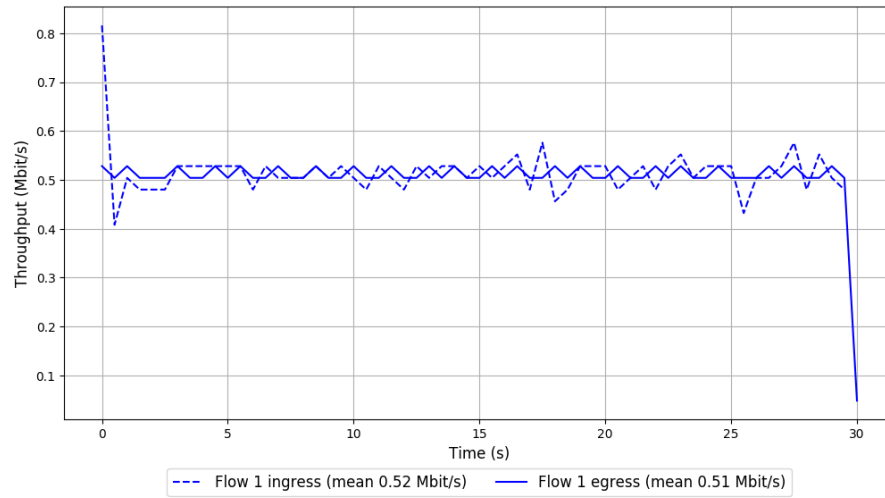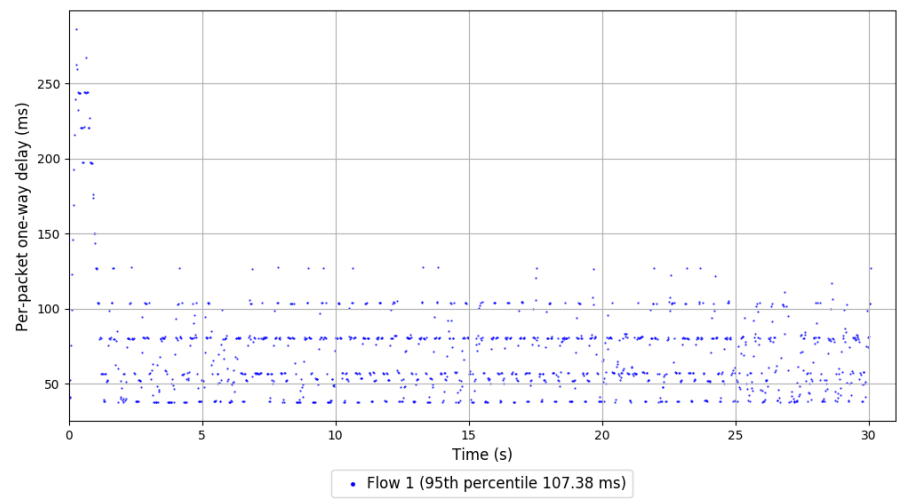
Run 8: Report of KohoCC — Data Link

```
Run 9: Statistics of KohoCC

Start at: Tue, 01 Aug 2017 00:42:39 +0000
End at: Tue, 01 Aug 2017 00:43:09 +0000
Local clock offset: -1.594 ms
Remote clock offset: 5.455 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 107.376 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 107.376 ms
Loss rate: 0.23%
```
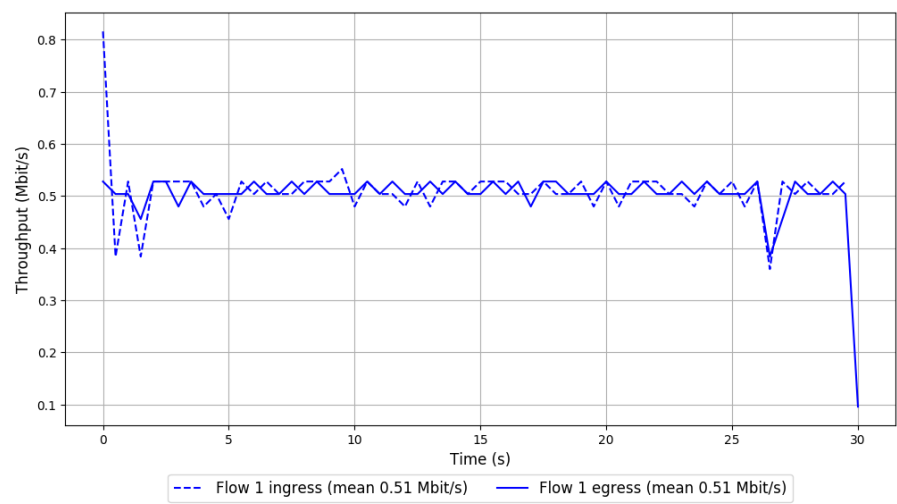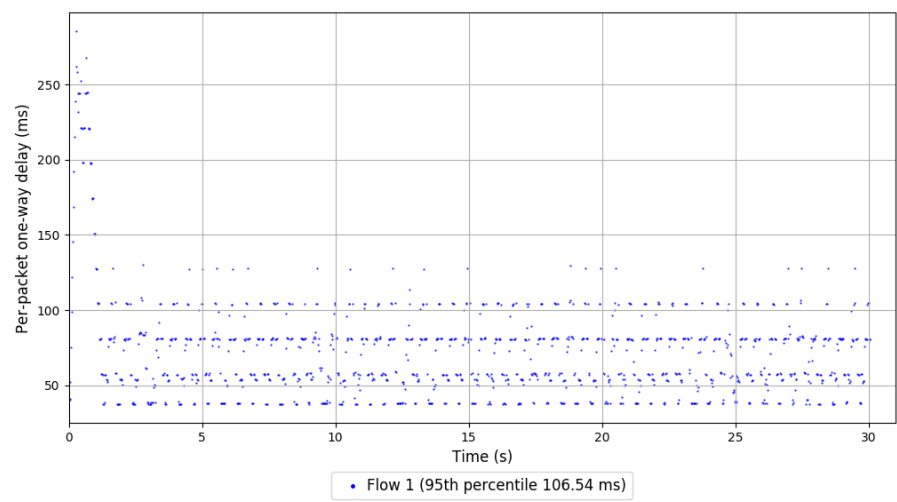
Run 9: Report of KohoCC — Data Link

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

Flow 1 (95th percentile 107.38 ms)

```
Run 10: Statistics of KohoCC

Start at: Tue, 01 Aug 2017 01:00:37 +0000
End at: Tue, 01 Aug 2017 01:01:07 +0000
Local clock offset: -0.866 ms
Remote clock offset: 6.188 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 106.544 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 106.544 ms
Loss rate: 0.23%
```
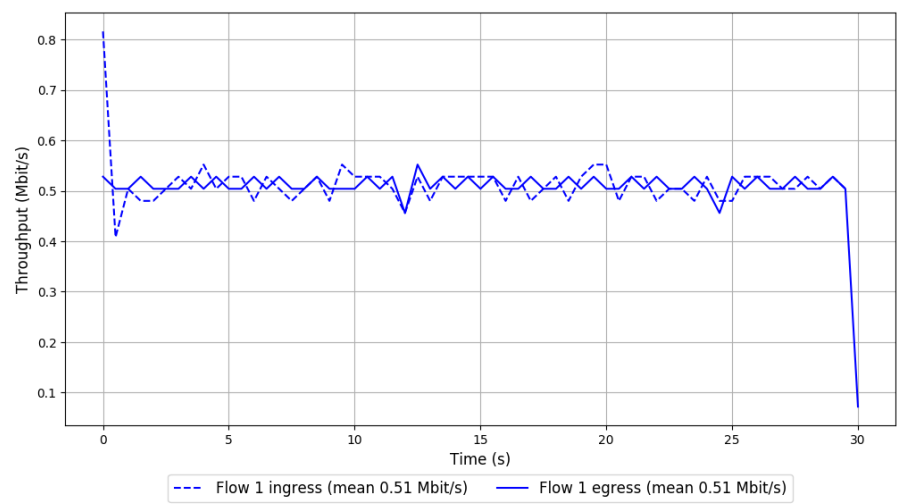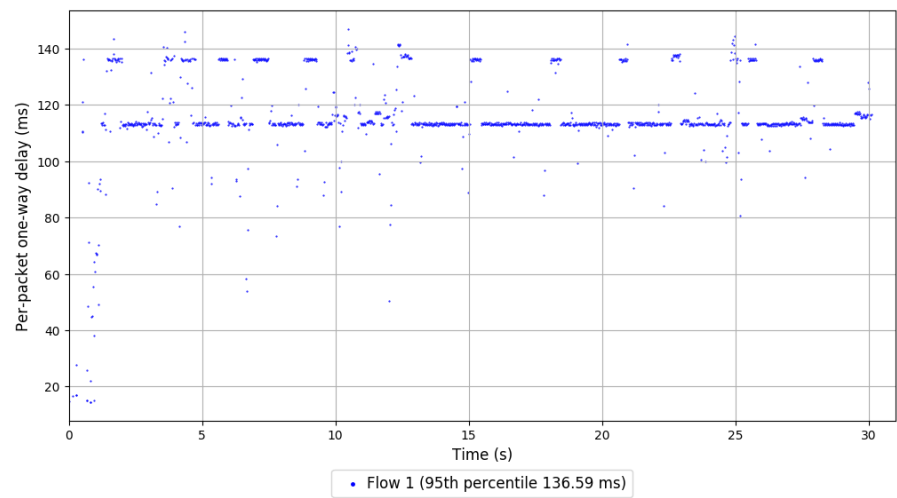
Run 10: Report of KohoCC — Data Link

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

Flow 1 (95th percentile 106.54 ms)

```
Run 1: Statistics of LEDBAT

Start at: Mon, 31 Jul 2017 22:09:21 +0000
End at: Mon, 31 Jul 2017 22:09:51 +0000
Local clock offset: 1.006 ms
Remote clock offset: -10.768 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 136.585 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 136.585 ms
Loss rate: 0.00%
```
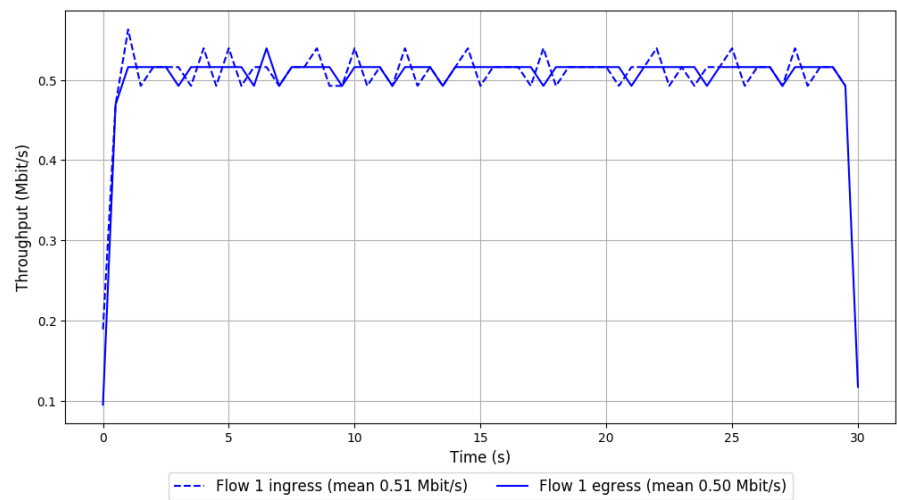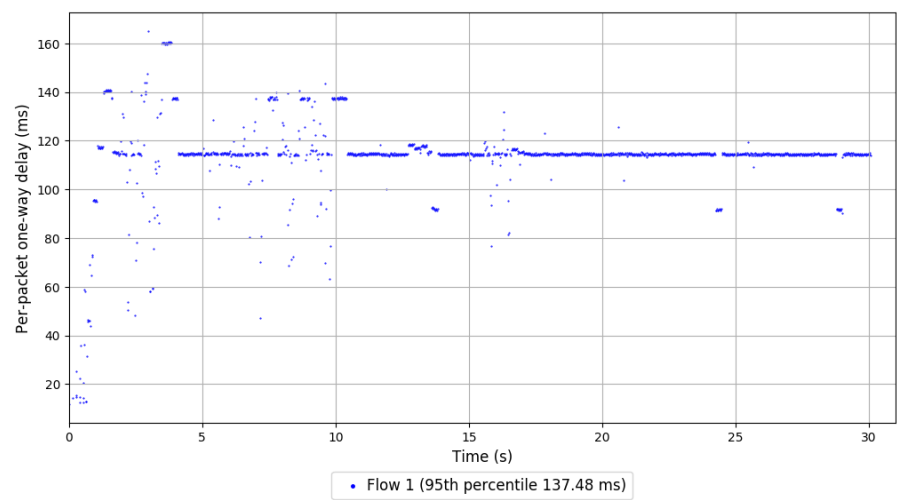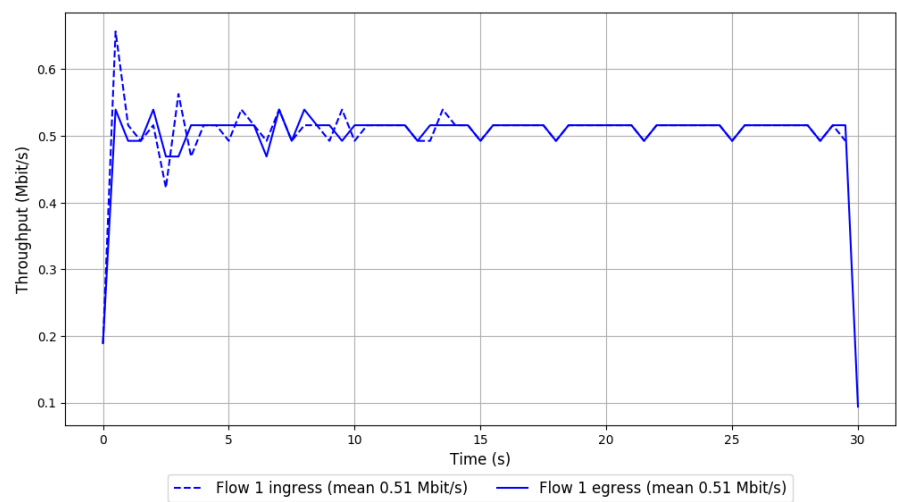
Run 1: Report of LEDBAT — Data Link

Flow 1 ingress (mean 0.51 Mbit/s)   Flow 1 egress (mean 0.50 Mbit/s)

• Flow 1 (95th percentile 136.59 ms)

```
Run 2: Statistics of LEDBAT

Start at: Mon, 31 Jul 2017 22:27:15 +0000
End at: Mon, 31 Jul 2017 22:27:45 +0000
Local clock offset: 2.446 ms
Remote clock offset: -10.882 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 137.479 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 137.479 ms
Loss rate: 0.00%
```
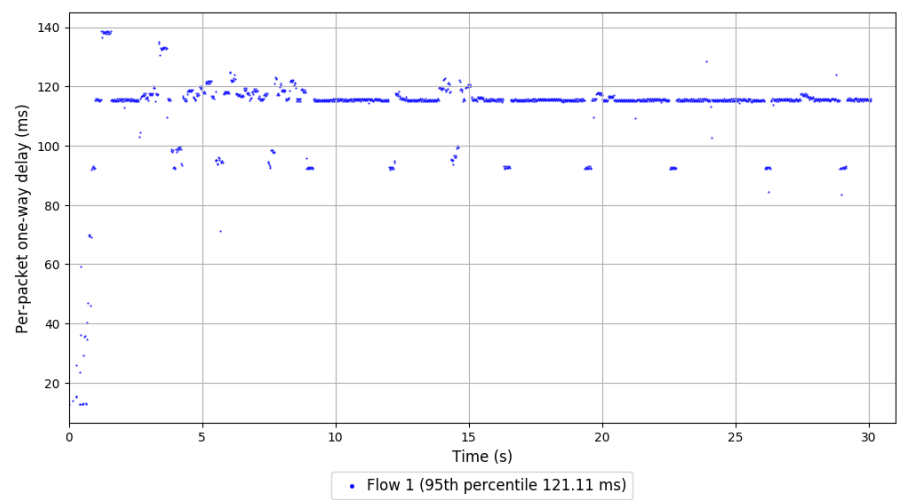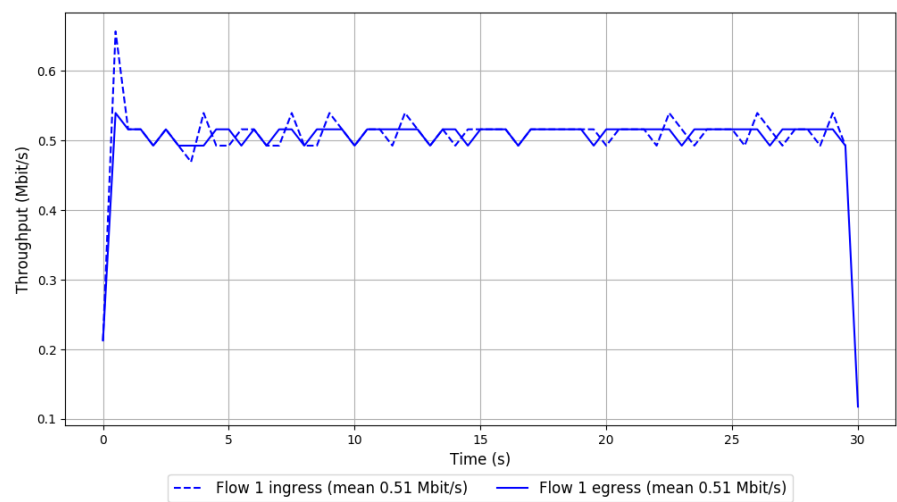
Run 2: Report of LEDBAT — Data Link

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

Flow 1 (95th percentile 137.48 ms)

```
Run 3: Statistics of LEDBAT

Start at: Mon, 31 Jul 2017 22:44:59 +0000
End at: Mon, 31 Jul 2017 22:45:29 +0000
Local clock offset: 1.673 ms
Remote clock offset: -10.536 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 121.115 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 121.115 ms
Loss rate: 0.00%
```

Run 3: Report of LEDBAT — Data Link
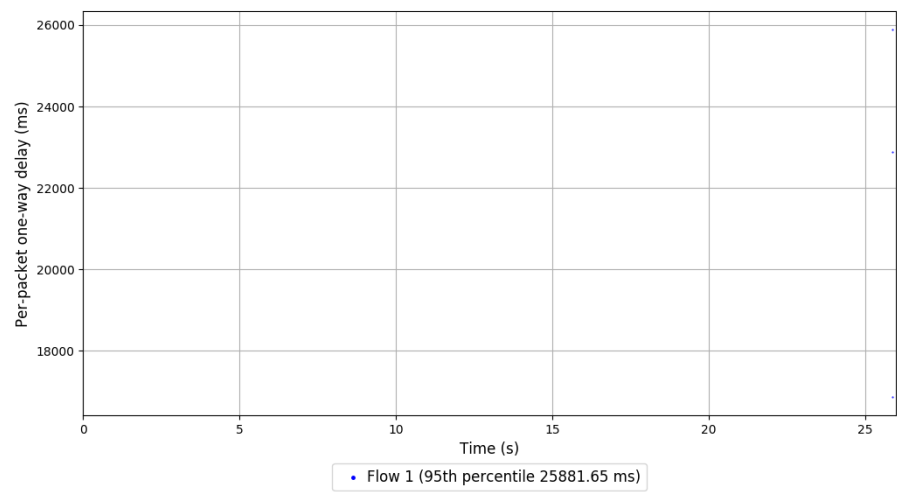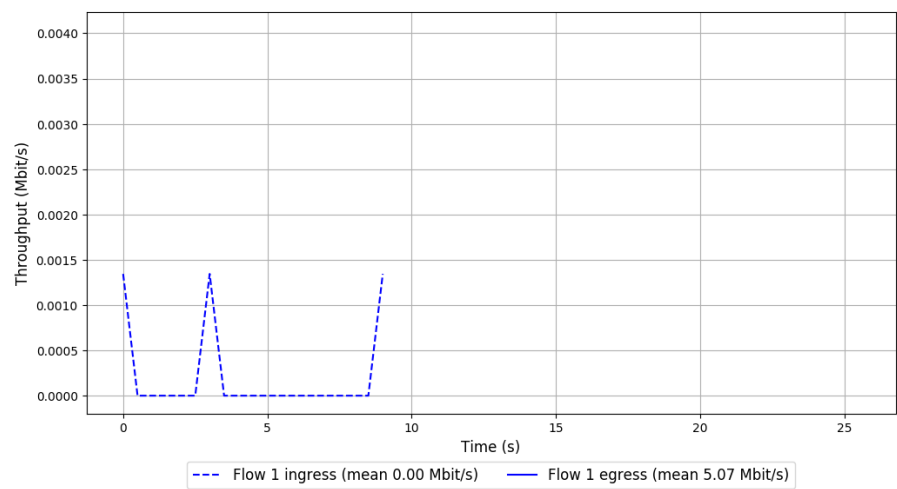
Run 4: Statistics of LEDBAT

Start at: Mon, 31 Jul 2017 23:02:44 +0000
End at: Mon, 31 Jul 2017 23:03:14 +0000
Local clock offset: -0.007 ms
Remote clock offset: 6.671 ms

Run 4: Report of LEDBAT — Data Link

```
Run 5: Statistics of LEDBAT

Start at: Mon, 31 Jul 2017 23:20:28 +0000
End at: Mon, 31 Jul 2017 23:20:58 +0000
Local clock offset: 2.0 ms
Remote clock offset: 6.396 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 169.448 ms
Loss rate: 1.32%
-- Flow 1:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 169.448 ms
Loss rate: 1.32%
```
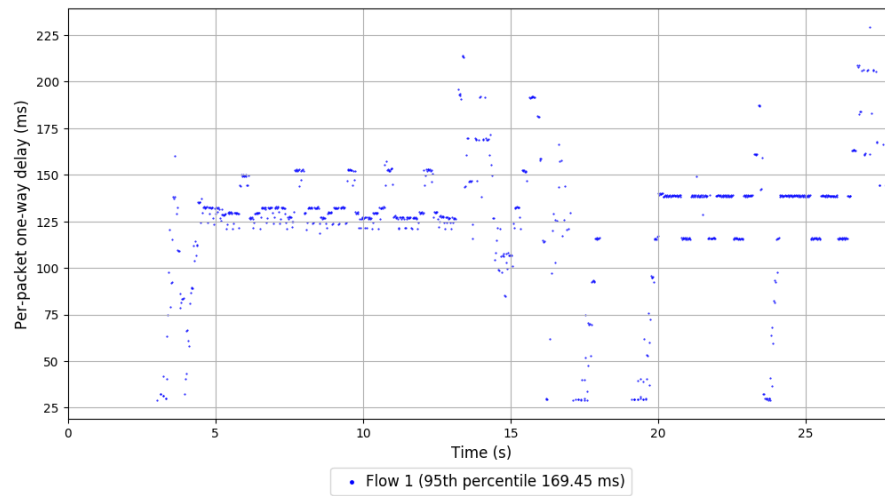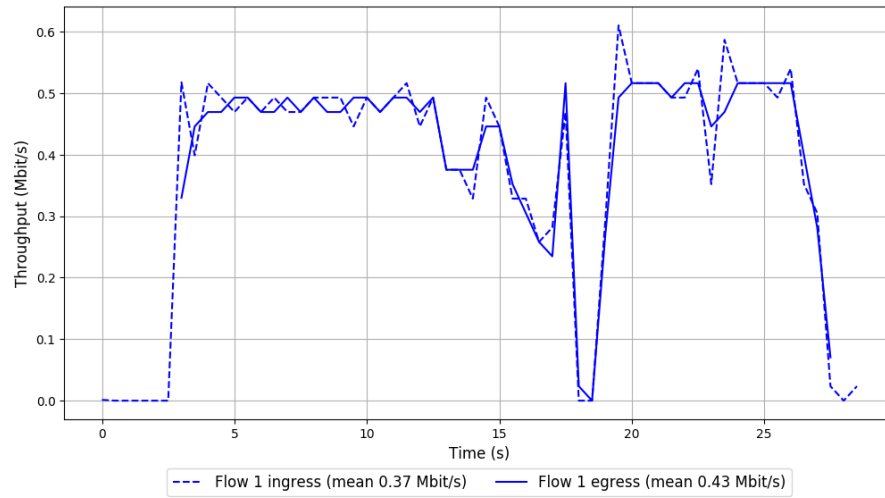
Run 5: Report of LEDBAT — Data Link

Flow 1 ingress (mean 0.37 Mbit/s)   Flow 1 egress (mean 0.43 Mbit/s)

Flow 1 (95th percentile 169.45 ms)

```
Run 6: Statistics of LEDBAT

Start at: Mon, 31 Jul 2017 23:38:03 +0000
End at: Mon, 31 Jul 2017 23:38:33 +0000
Local clock offset: 0.989 ms
Remote clock offset: 6.14 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 140.397 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 140.397 ms
Loss rate: 0.00%
```
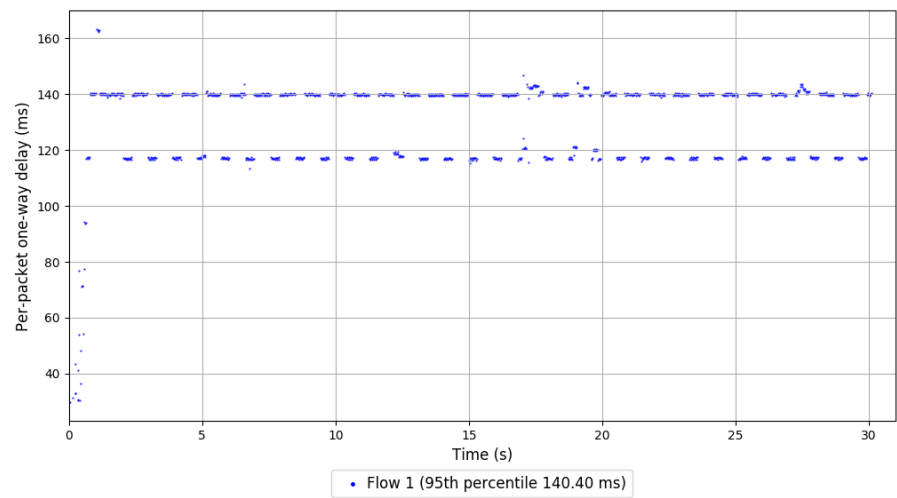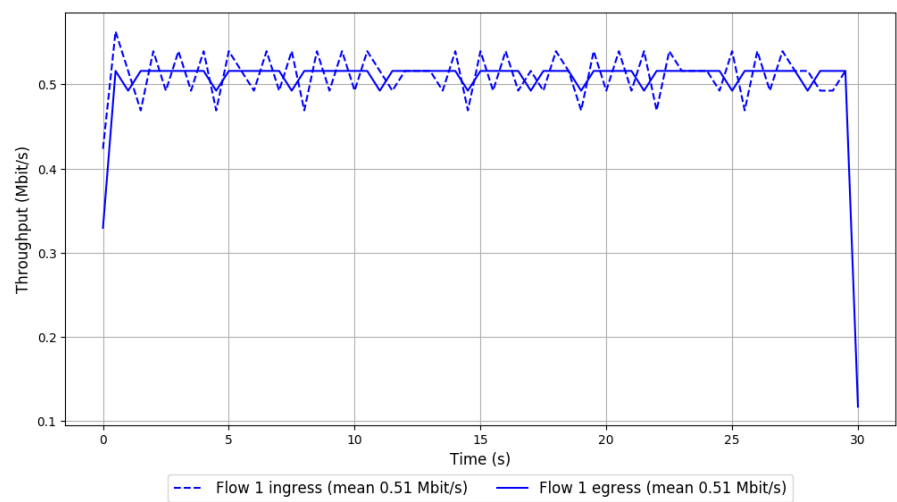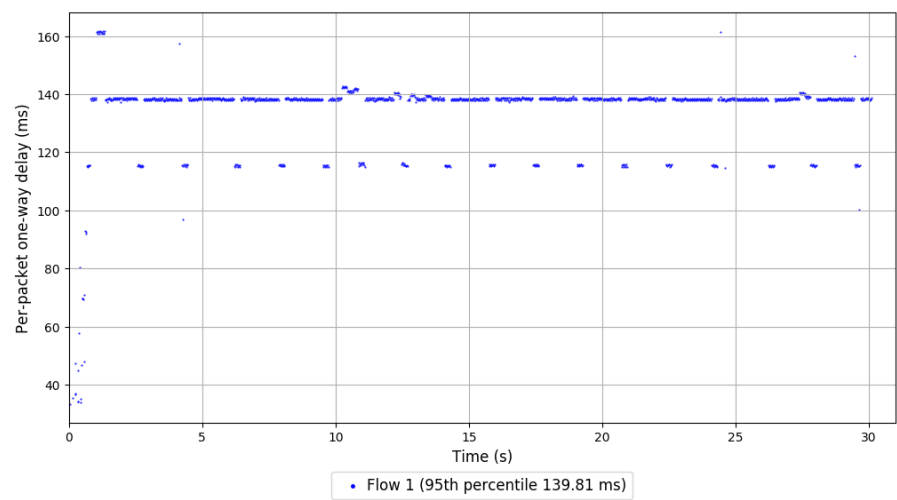
Run 6: Report of LEDBAT — Data Link

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

Flow 1 (95th percentile 140.40 ms)

```
Run 7: Statistics of LEDBAT

Start at: Mon, 31 Jul 2017 23:55:27 +0000
End at: Mon, 31 Jul 2017 23:55:57 +0000
Local clock offset: 2.666 ms
Remote clock offset: 6.025 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 139.805 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 139.805 ms
Loss rate: 0.00%
```
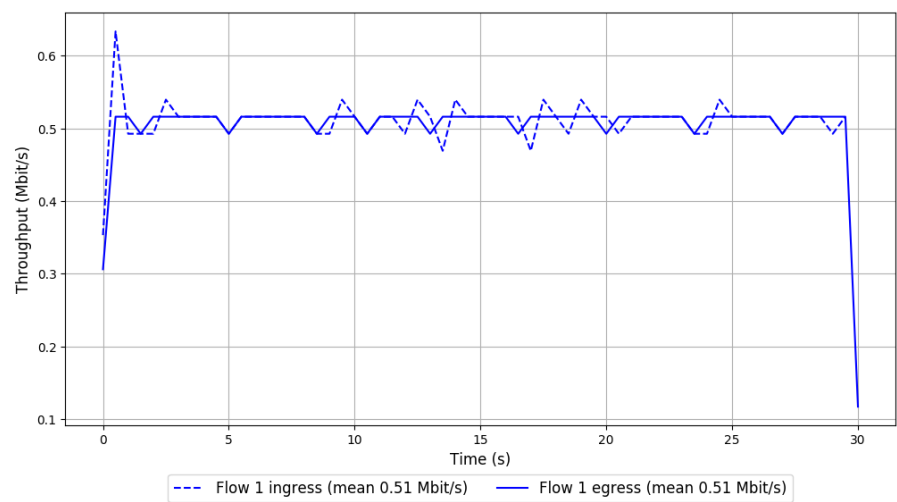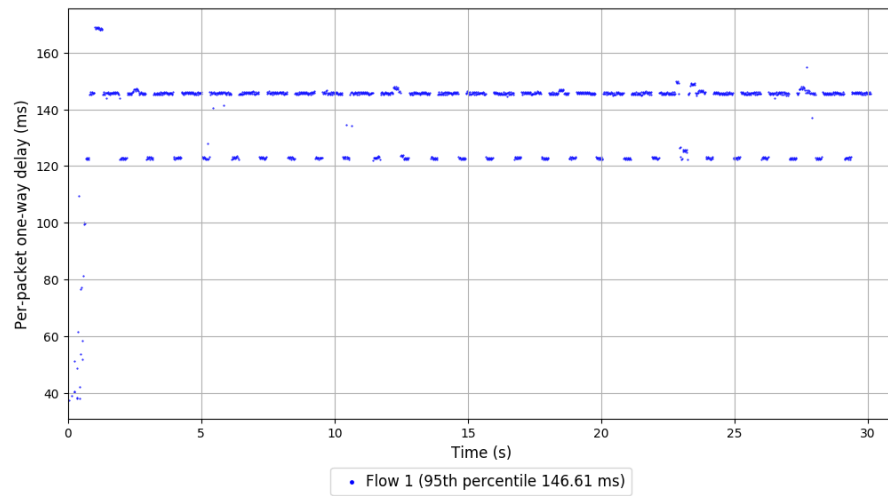
Run 7: Report of LEDBAT — Data Link

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

Flow 1 (95th percentile 139.81 ms)

```
Run 8: Statistics of LEDBAT

Start at: Tue, 01 Aug 2017 00:12:51 +0000
End at: Tue, 01 Aug 2017 00:13:21 +0000
Local clock offset: -1.438 ms
Remote clock offset: 4.946 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 146.613 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 146.613 ms
Loss rate: 0.00%
```
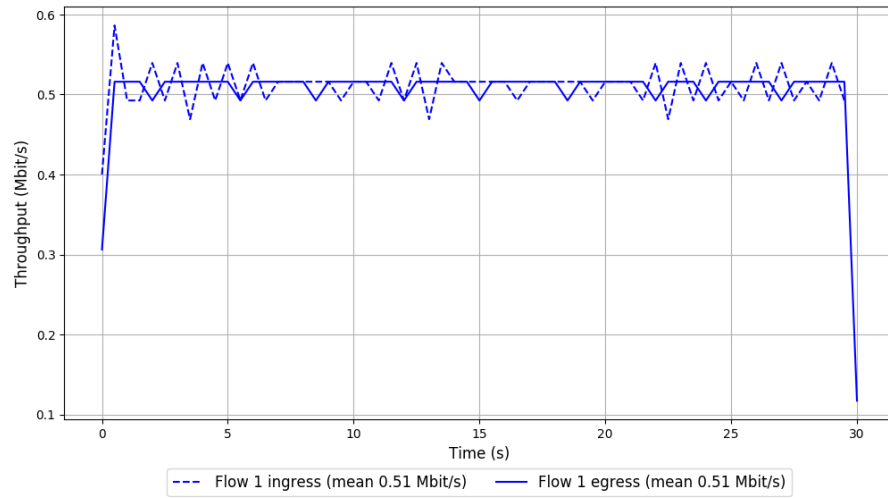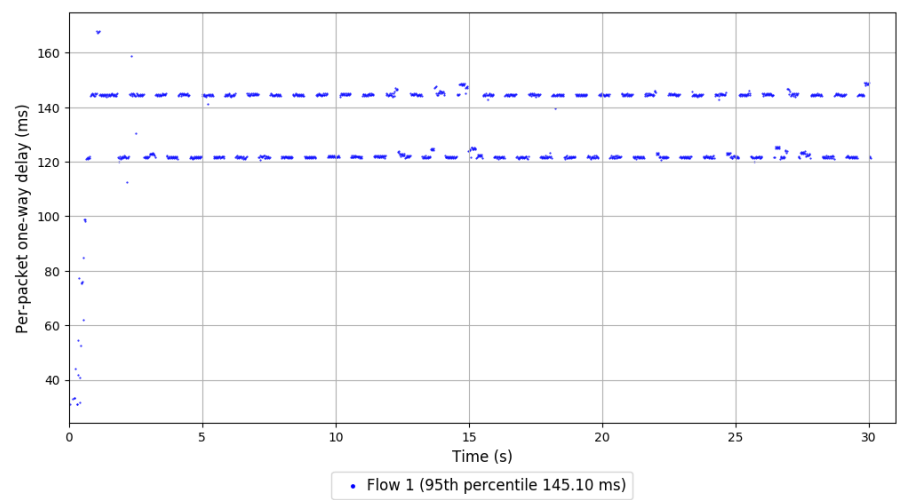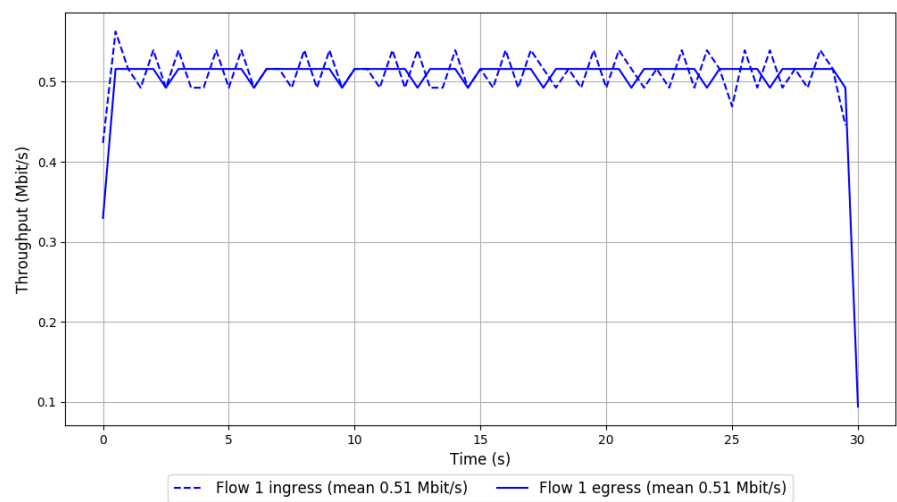
Run 8: Report of LEDBAT — Data Link

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

Flow 1 (95th percentile 146.61 ms)

```
Run 9: Statistics of LEDBAT

Start at: Tue, 01 Aug 2017 00:30:13 +0000
End at: Tue, 01 Aug 2017 00:30:43 +0000
Local clock offset: -0.356 ms
Remote clock offset: 5.459 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 145.098 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 145.098 ms
Loss rate: 0.00%
```
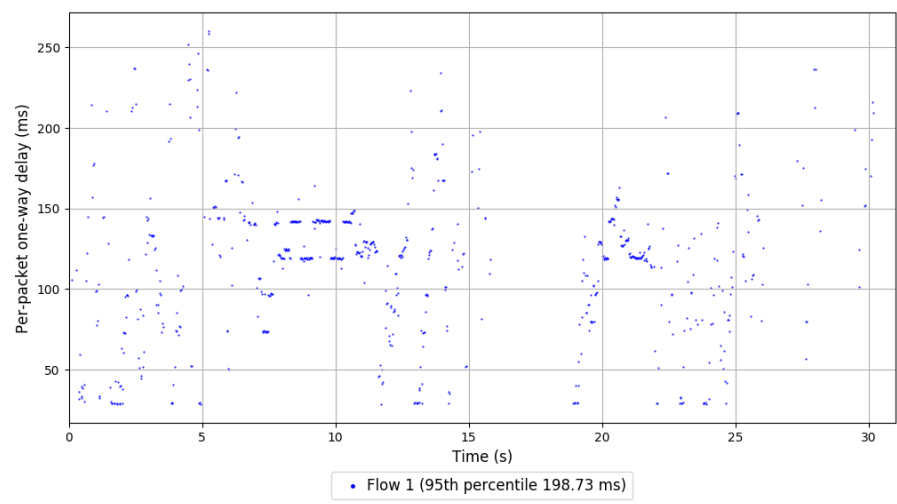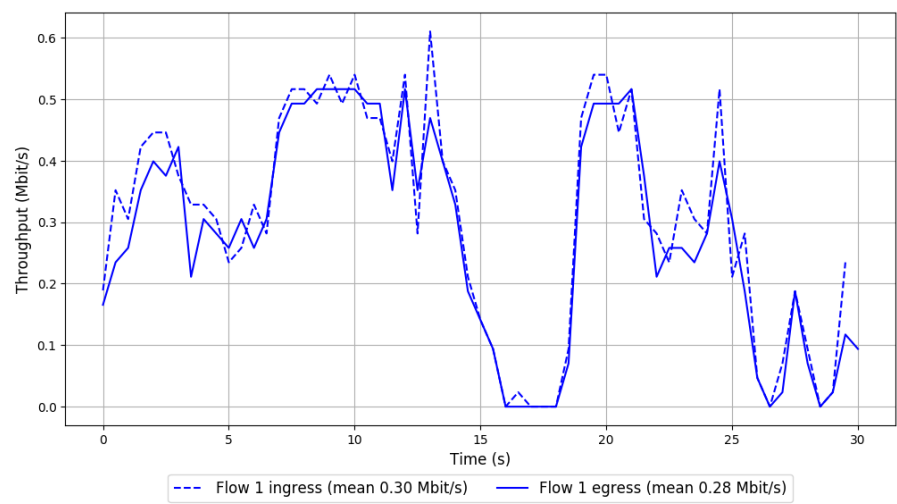
Run 9: Report of LEDBAT — Data Link

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

Flow 1 (95th percentile 145.10 ms)

```
Run 10: Statistics of LEDBAT

Start at: Tue, 01 Aug 2017 00:47:51 +0000
End at: Tue, 01 Aug 2017 00:48:21 +0000
Local clock offset: 2.065 ms
Remote clock offset: 5.268 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 198.726 ms
Loss rate: 6.45%
-- Flow 1:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 198.726 ms
Loss rate: 6.45%
```

Run 10: Report of LEDBAT — Data Link

```
Run 1: Statistics of PCC

Start at: Mon, 31 Jul 2017 22:10:38 +0000
End at: Mon, 31 Jul 2017 22:11:08 +0000
Local clock offset: -0.674 ms
Remote clock offset: -10.771 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 261.454 ms
Loss rate: 79.13%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 261.454 ms
Loss rate: 79.13%
```
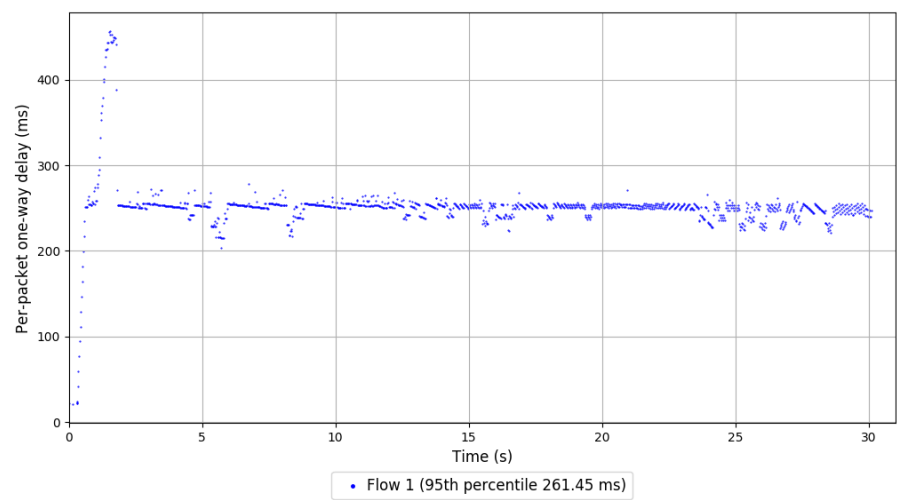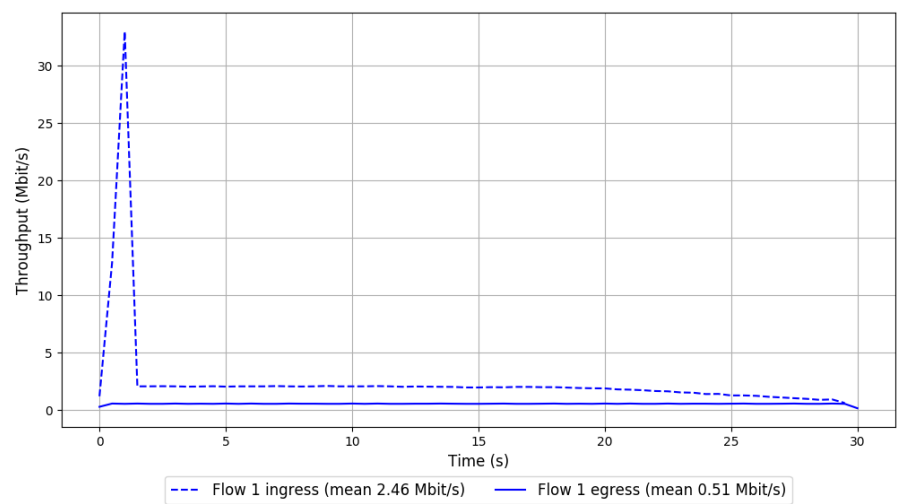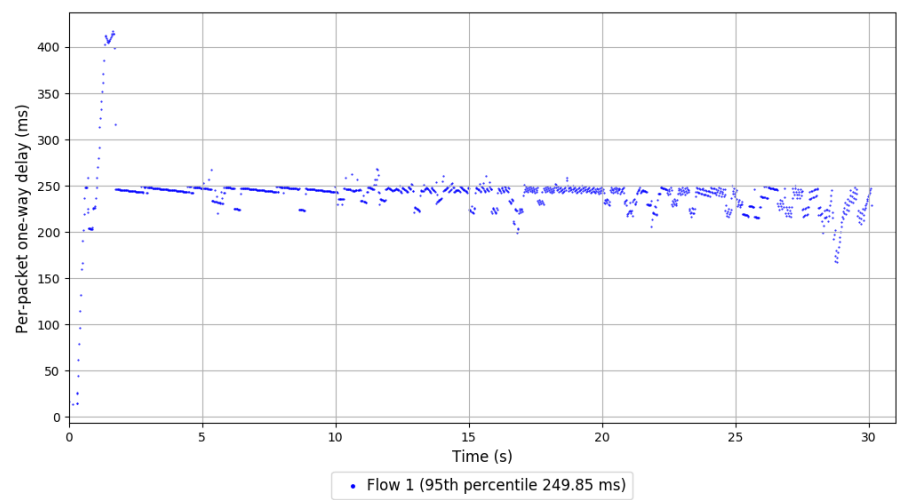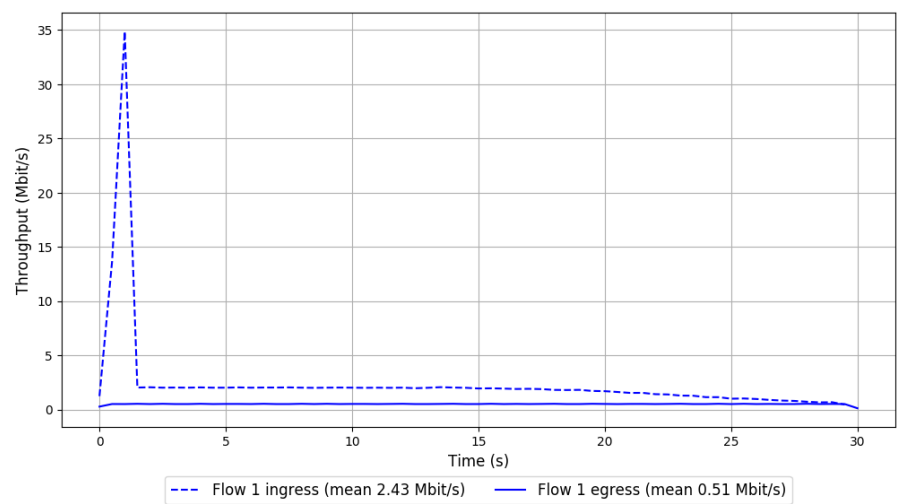
Run 1: Report of PCC — Data Link

Flow 1 ingress (mean 2.46 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 261.45 ms)

```
Run 2: Statistics of PCC

Start at: Mon, 31 Jul 2017 22:28:31 +0000
End at: Mon, 31 Jul 2017 22:29:01 +0000
Local clock offset: 0.535 ms
Remote clock offset: -10.608 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 249.854 ms
Loss rate: 78.85%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 249.854 ms
Loss rate: 78.85%
```
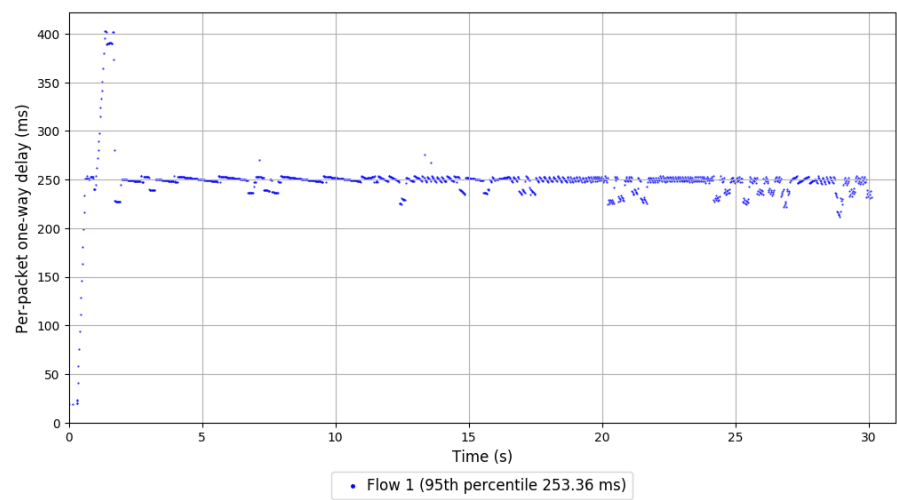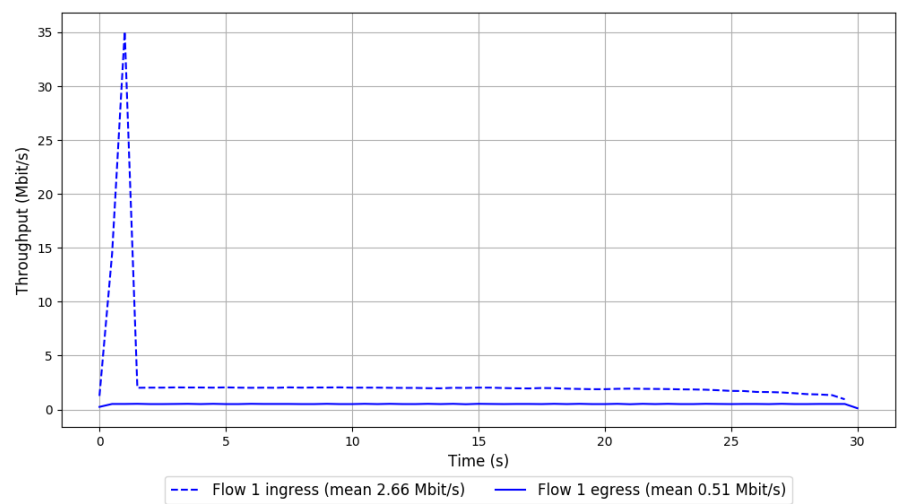
Run 2: Report of PCC — Data Link

Flow 1 ingress (mean 2.43 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 249.85 ms)

```
Run 3: Statistics of PCC

Start at: Mon, 31 Jul 2017 22:46:15 +0000
End at: Mon, 31 Jul 2017 22:46:45 +0000
Local clock offset: 0.145 ms
Remote clock offset: -10.697 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 253.359 ms
Loss rate: 80.69%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 253.359 ms
Loss rate: 80.69%
```
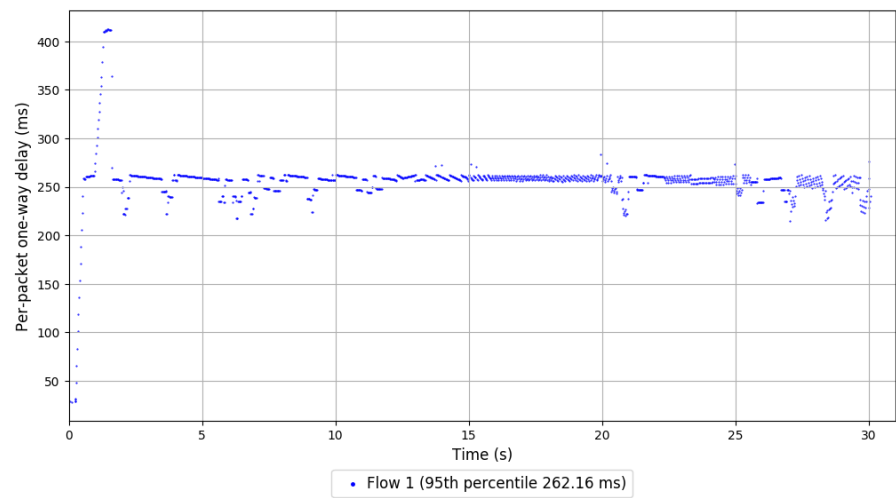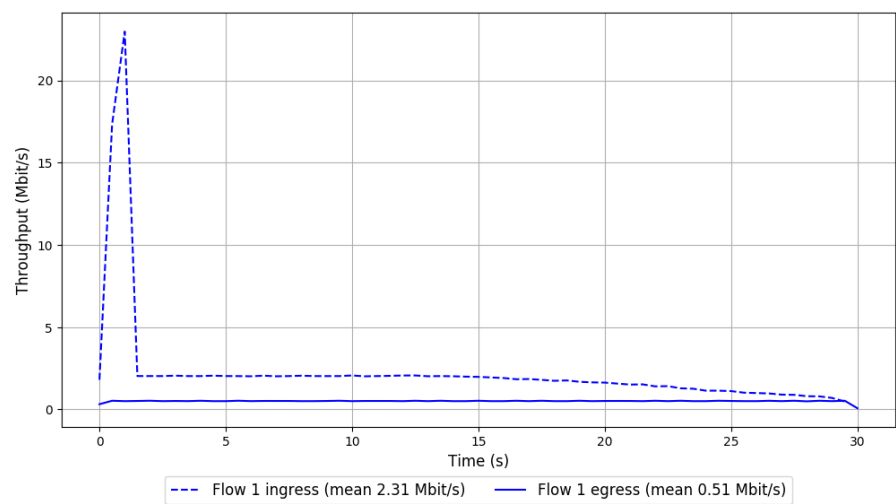
Run 3: Report of PCC — Data Link

Flow 1 ingress (mean 2.66 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 253.36 ms)

```
Run 4: Statistics of PCC

Start at: Mon, 31 Jul 2017 23:03:58 +0000
End at: Mon, 31 Jul 2017 23:04:28 +0000
Local clock offset: 3.073 ms
Remote clock offset: 6.435 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 262.162 ms
Loss rate: 77.70%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 262.162 ms
Loss rate: 77.70%
```
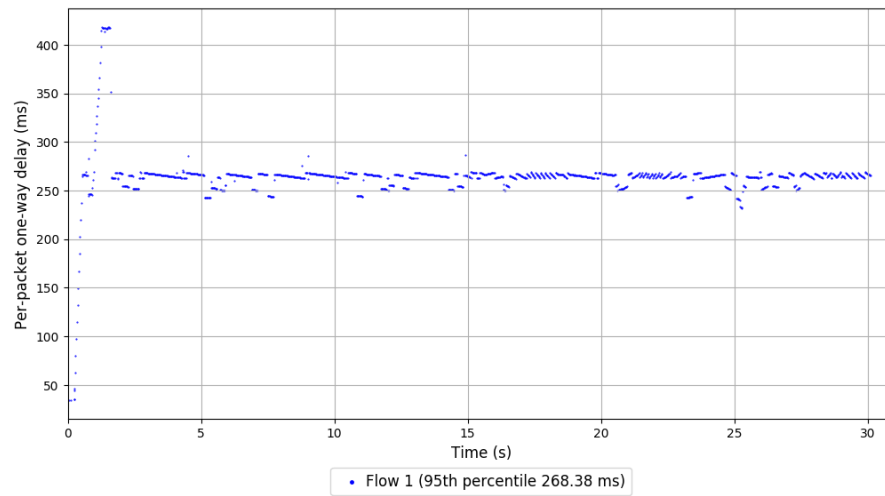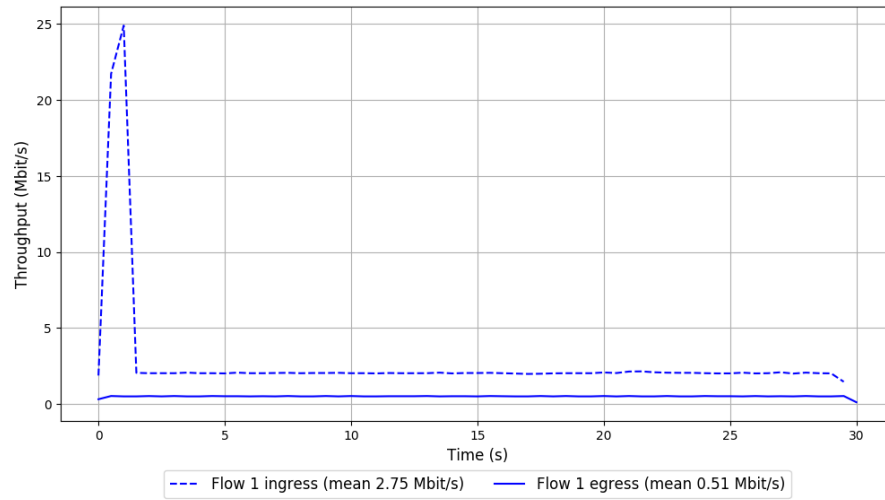
Run 4: Report of PCC — Data Link

Flow 1 ingress (mean 2.31 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 262.16 ms)

```
Run 5: Statistics of PCC

Start at: Mon, 31 Jul 2017 23:21:51 +0000
End at: Mon, 31 Jul 2017 23:22:21 +0000
Local clock offset: -4.265 ms
Remote clock offset: 5.501 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 268.384 ms
Loss rate: 81.28%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 268.384 ms
Loss rate: 81.28%
```
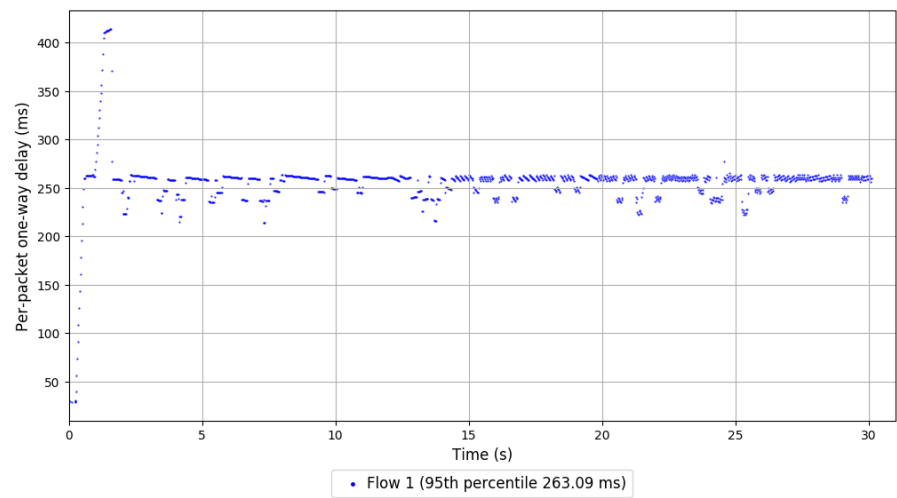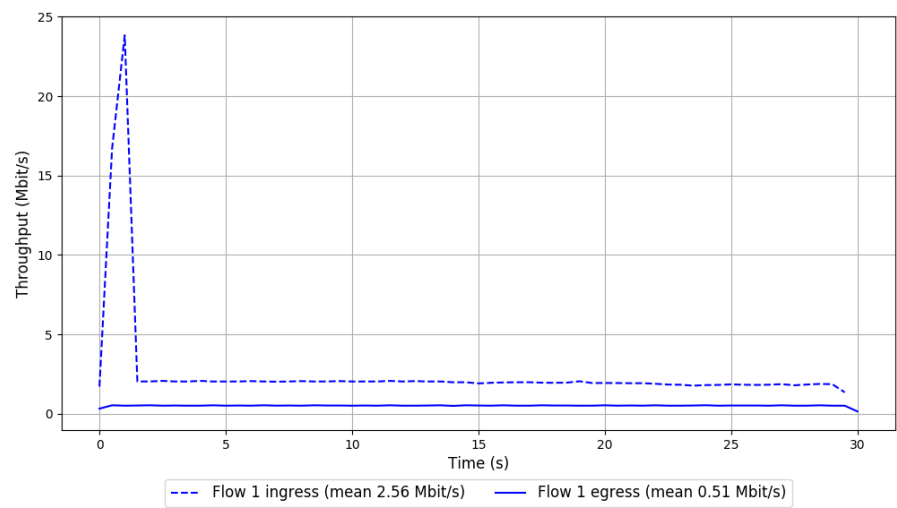
Run 5: Report of PCC — Data Link

Flow 1 ingress (mean 2.75 Mbit/s) —— Flow 1 egress (mean 0.51 Mbit/s)

• Flow 1 (95th percentile 268.38 ms)

```
Run 6: Statistics of PCC

Start at: Mon, 31 Jul 2017 23:39:18 +0000
End at: Mon, 31 Jul 2017 23:39:48 +0000
Local clock offset: 1.377 ms
Remote clock offset: 5.347 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 263.088 ms
Loss rate: 79.94%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 263.088 ms
Loss rate: 79.94%
```
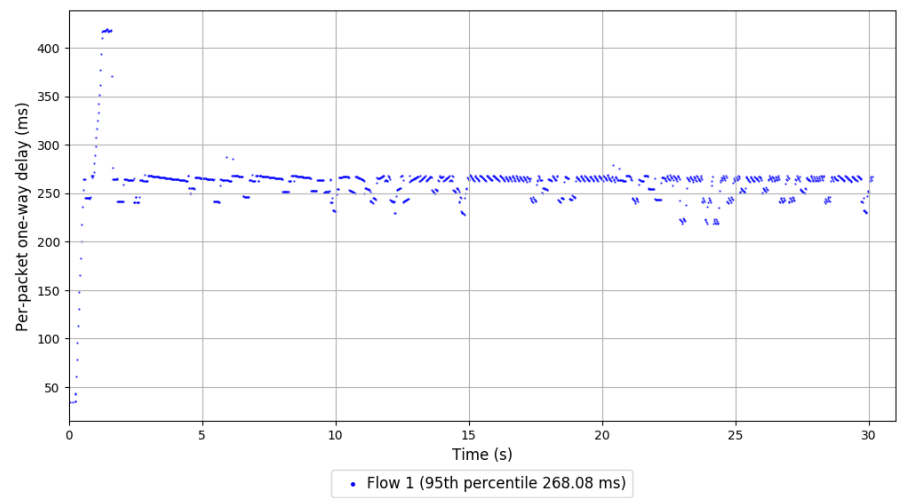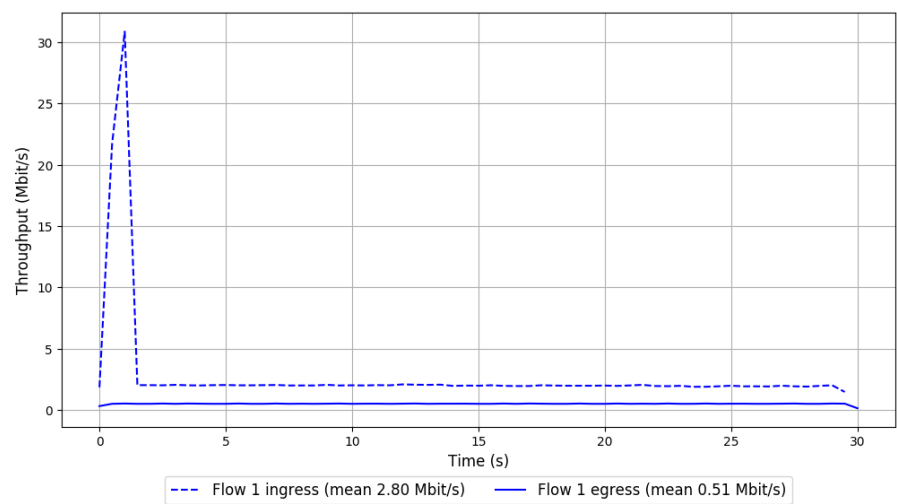
Run 6: Report of PCC — Data Link

Flow 1 ingress (mean 2.56 Mbit/s) --- Flow 1 egress (mean 0.51 Mbit/s)

- Flow 1 (95th percentile 263.09 ms)

```
Run 7: Statistics of PCC

Start at: Mon, 31 Jul 2017 23:56:42 +0000
End at: Mon, 31 Jul 2017 23:57:12 +0000
Local clock offset: -2.767 ms
Remote clock offset: 5.96 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 268.083 ms
Loss rate: 81.66%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 268.083 ms
Loss rate: 81.66%
```
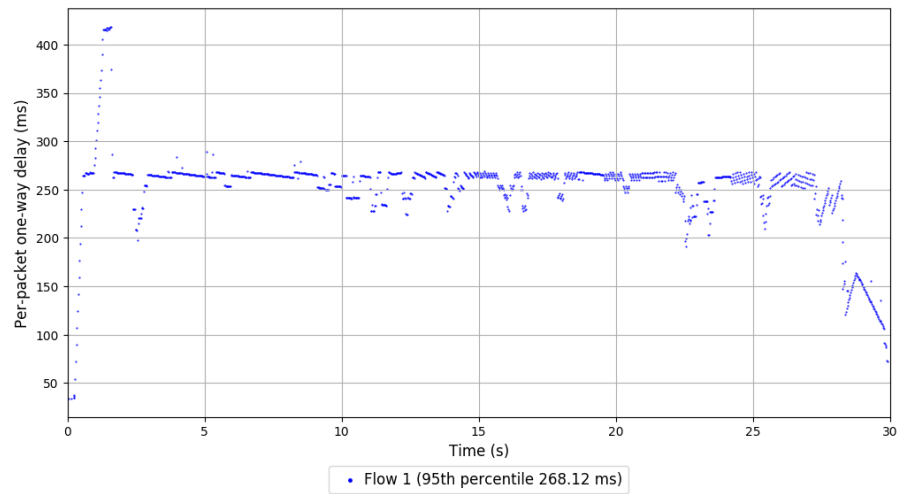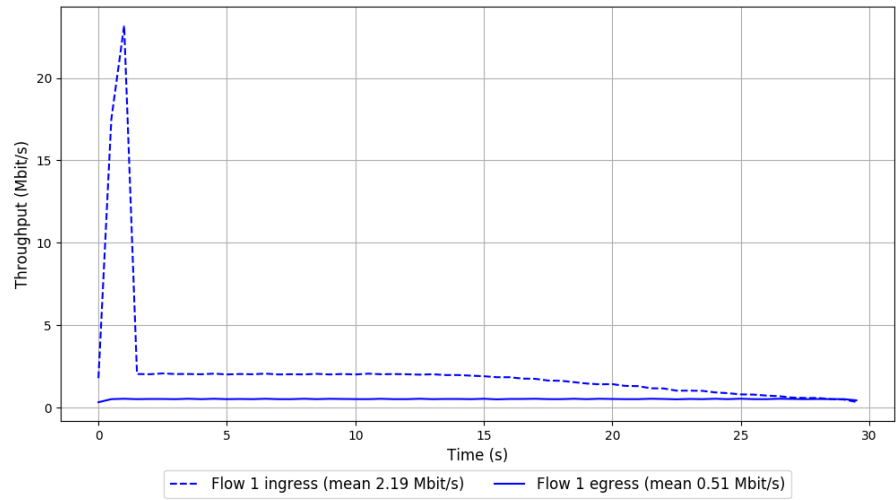
Run 7: Report of PCC — Data Link

Flow 1 ingress (mean 2.80 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 268.08 ms)

```
Run 8: Statistics of PCC

Start at: Tue, 01 Aug 2017 00:14:06 +0000
End at: Tue, 01 Aug 2017 00:14:36 +0000
Local clock offset: 1.377 ms
Remote clock offset: 4.5 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 268.117 ms
Loss rate: 76.69%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 268.117 ms
Loss rate: 76.69%
```
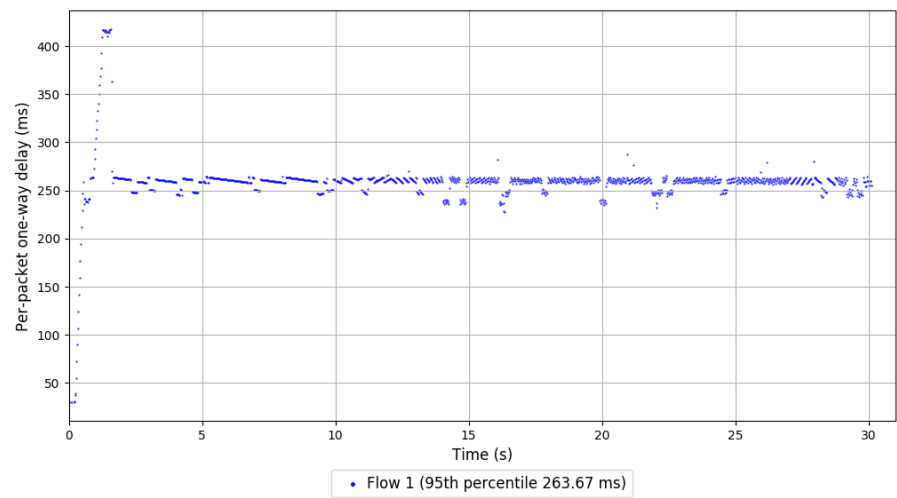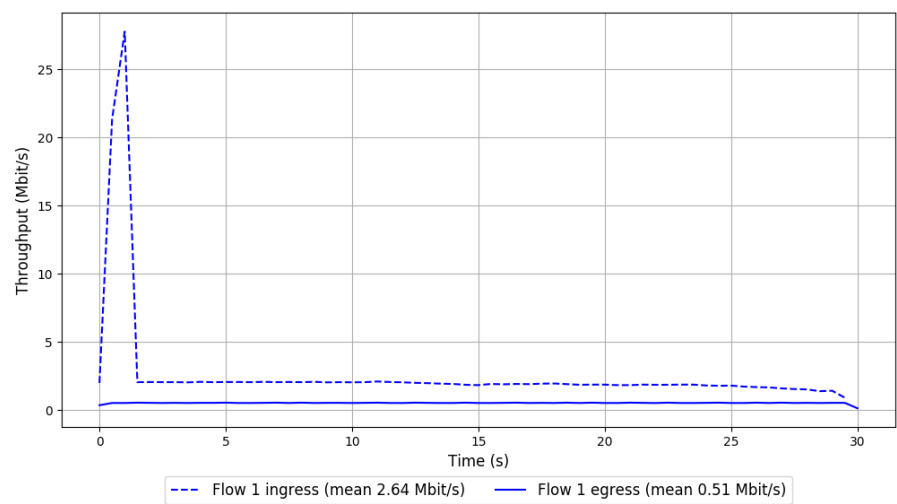
Run 8: Report of PCC — Data Link

```
Run 9: Statistics of PCC

Start at: Tue, 01 Aug 2017 00:31:28 +0000
End at: Tue, 01 Aug 2017 00:31:58 +0000
Local clock offset: 1.655 ms
Remote clock offset: 5.697 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 263.672 ms
Loss rate: 80.49%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 263.672 ms
Loss rate: 80.49%
```
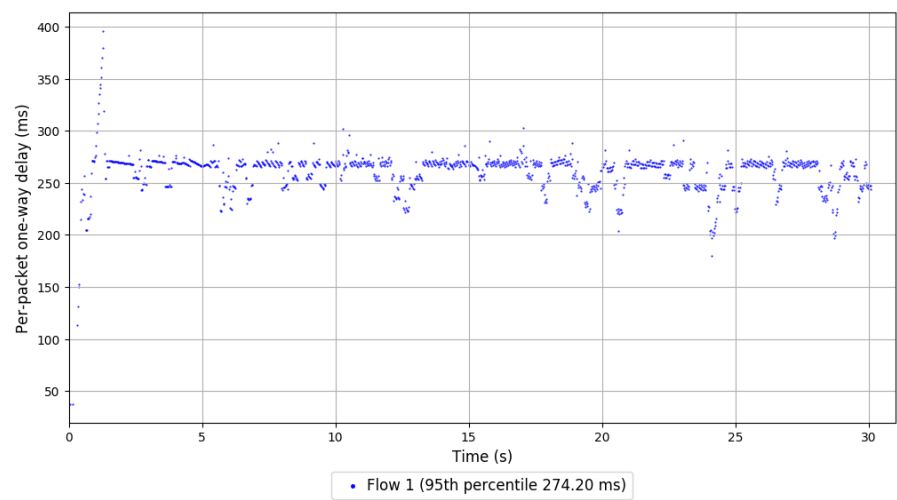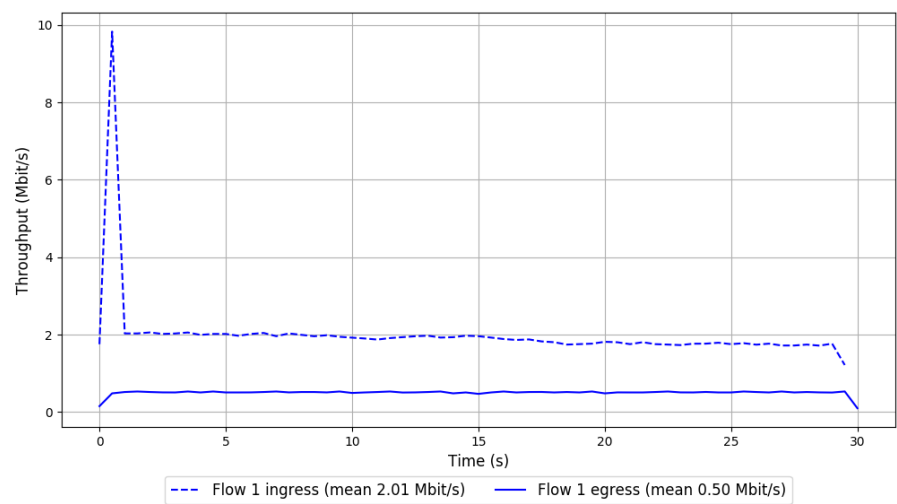
Run 9: Report of PCC — Data Link

Flow 1 ingress (mean 2.64 Mbit/s) --- Flow 1 egress (mean 0.51 Mbit/s)

• Flow 1 (95th percentile 263.67 ms)

```
Run 10: Statistics of PCC

Start at: Tue, 01 Aug 2017 00:49:06 +0000
End at: Tue, 01 Aug 2017 00:49:36 +0000
Local clock offset: -1.171 ms
Remote clock offset: 5.807 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 274.202 ms
Loss rate: 74.70%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 274.202 ms
Loss rate: 74.70%
```
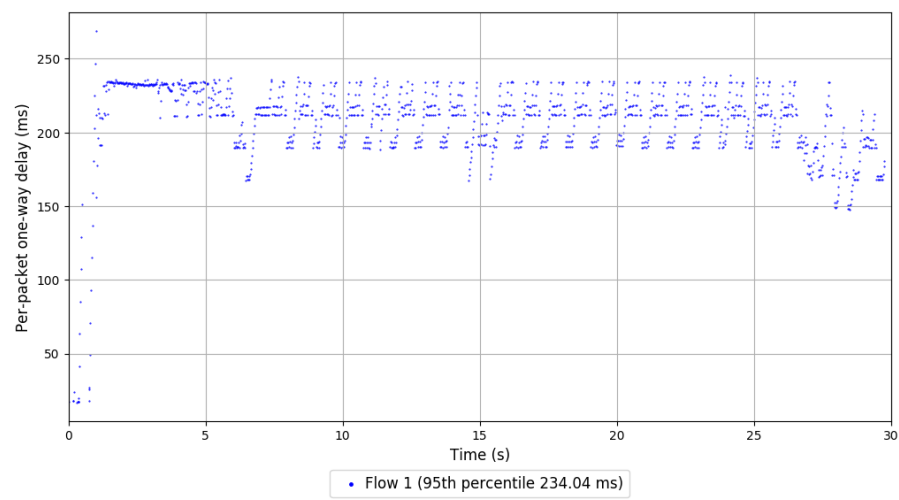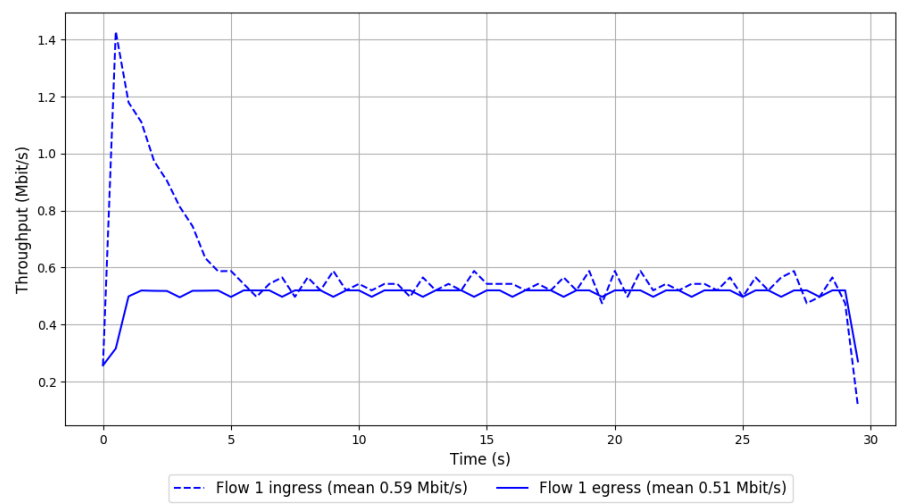
Run 10: Report of PCC — Data Link

```
Run 1: Statistics of QUIC Cubic

Start at: Mon, 31 Jul 2017 22:20:54 +0000
End at: Mon, 31 Jul 2017 22:21:24 +0000
Local clock offset: 3.55 ms
Remote clock offset: -10.727 ms
```

Run 1: Report of QUIC Cubic — Data Link

Figure is missing

Figure is missing

```
Run 2: Statistics of QUIC Cubic

Start at: Mon, 31 Jul 2017 22:38:37 +0000
End at: Mon, 31 Jul 2017 22:39:07 +0000
Local clock offset: 2.524 ms
Remote clock offset: -10.439 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 234.039 ms
Loss rate: 14.14%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 234.039 ms
Loss rate: 14.14%
```
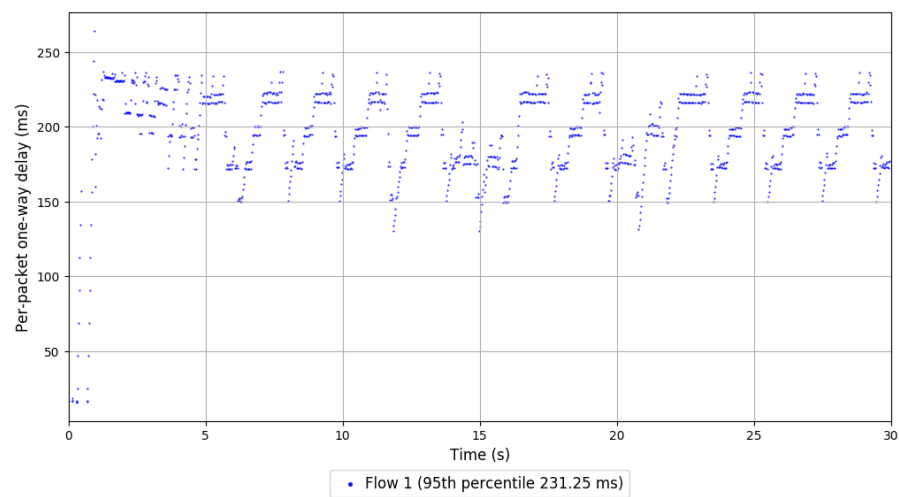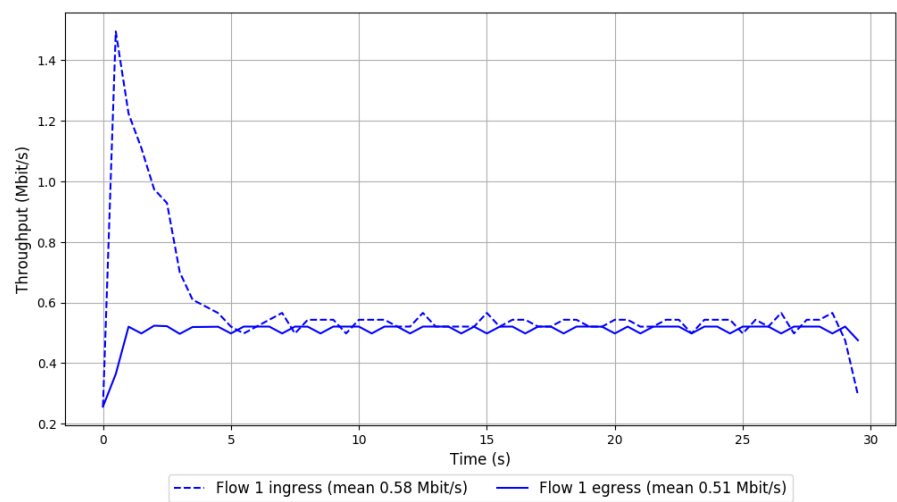
Run 2: Report of QUIC Cubic — Data Link

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

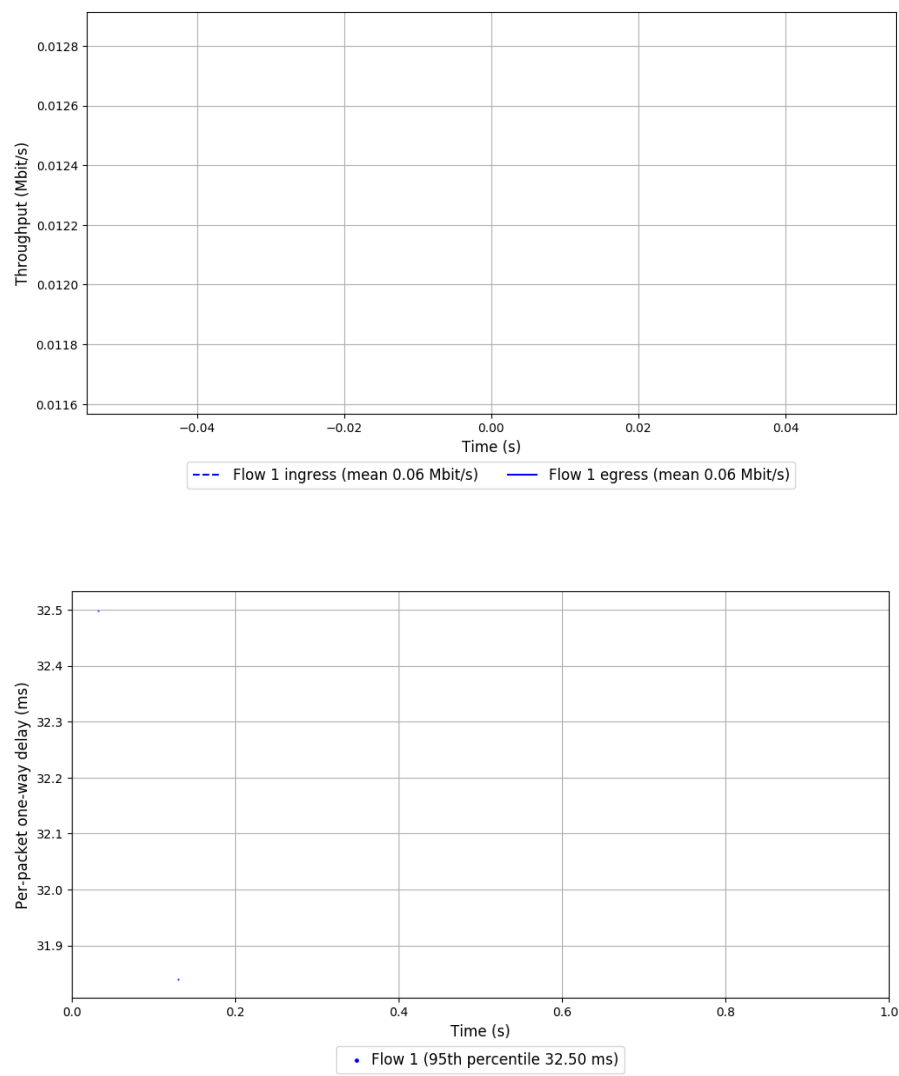Flow 1 (95th percentile 234.04 ms)

```
Run 3: Statistics of QUIC Cubic

Start at: Mon, 31 Jul 2017 22:56:26 +0000
End at: Mon, 31 Jul 2017 22:56:56 +0000
Local clock offset: -2.449 ms
Remote clock offset: -10.991 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 231.249 ms
Loss rate: 12.63%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 231.249 ms
Loss rate: 12.63%
```

Run 3: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 0.58 Mbit/s)   Flow 1 egress (mean 0.51 Mbit/s)

Flow 1 (95th percentile 231.25 ms)
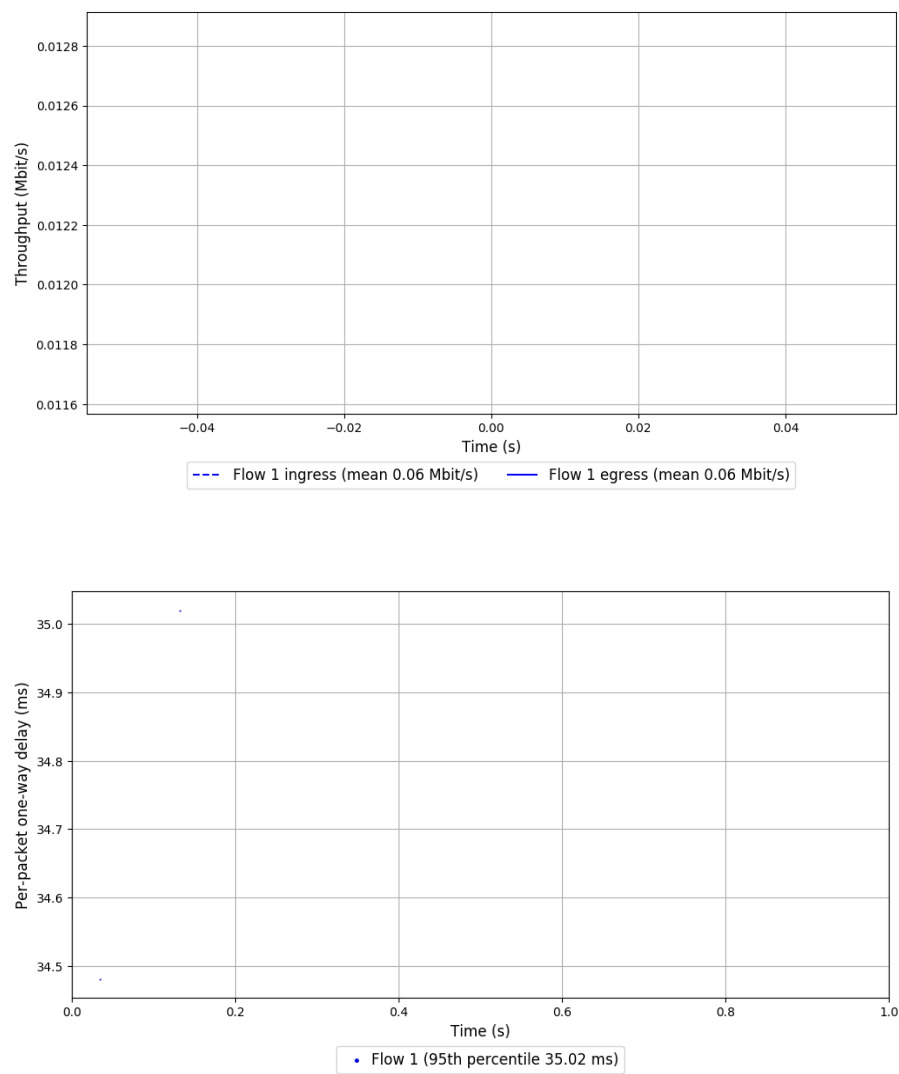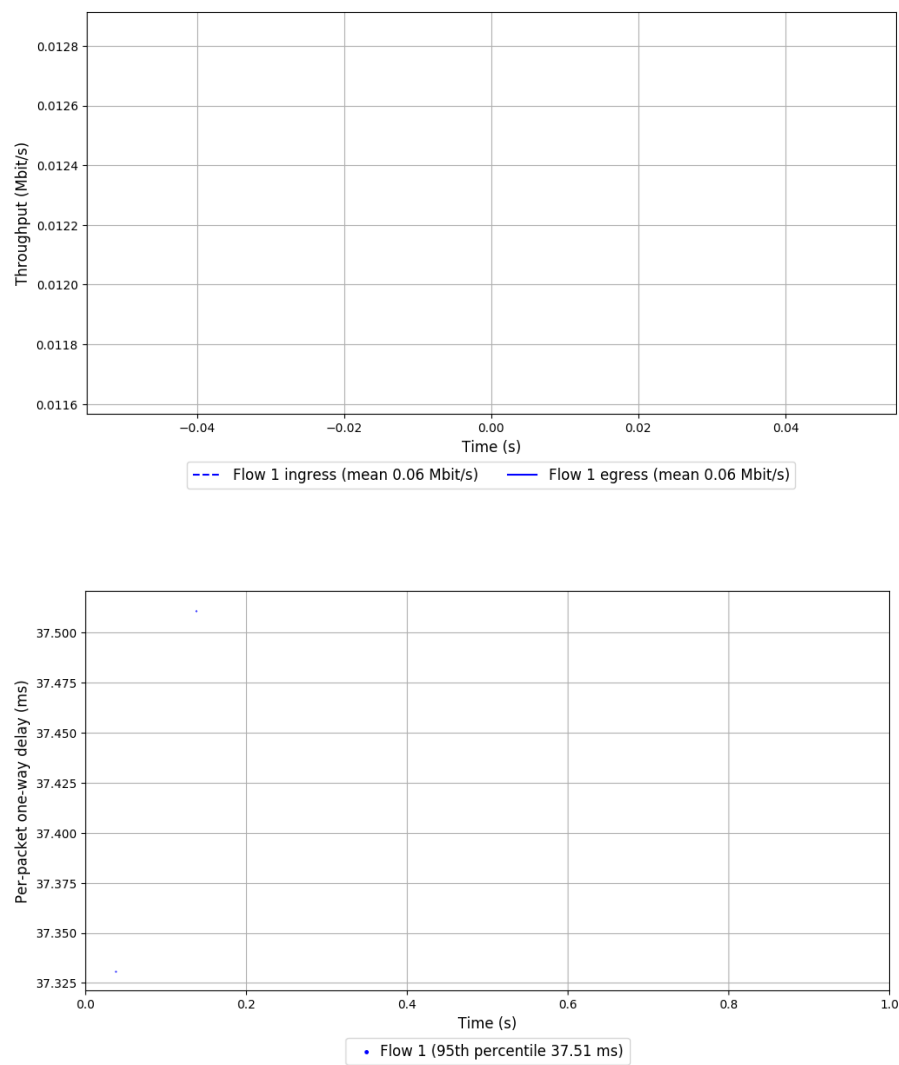
Run 4: Statistics of QUIC Cubic

Start at: Mon, 31 Jul 2017 23:13:56 +0000
End at: Mon, 31 Jul 2017 23:14:26 +0000
Local clock offset: 0.207 ms
Remote clock offset: 6.648 ms

Run 4: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 0.06 Mbit/s) --- Flow 1 egress (mean 0.06 Mbit/s)

Flow 1 (95th percentile 32.50 ms)

Run 5: Statistics of QUIC Cubic

Start at: Mon, 31 Jul 2017 23:31:49 +0000
End at: Mon, 31 Jul 2017 23:32:19 +0000
Local clock offset: -3.165 ms
Remote clock offset: 5.657 ms

Run 5: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 0.06 Mbit/s)   Flow 1 egress (mean 0.06 Mbit/s)

Flow 1 (95th percentile 35.02 ms)

Run 6: Statistics of QUIC Cubic

Start at: Mon, 31 Jul 2017 23:49:16 +0000
End at: Mon, 31 Jul 2017 23:49:46 +0000
Local clock offset: -0.205 ms
Remote clock offset: 5.958 ms

Run 6: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 0.06 Mbit/s) ——— Flow 1 egress (mean 0.06 Mbit/s)

Flow 1 (95th percentile 37.51 ms)

```
Run 7: Statistics of QUIC Cubic

Start at: Tue, 01 Aug 2017 00:06:39 +0000
End at: Tue, 01 Aug 2017 00:07:09 +0000
Local clock offset: 1.063 ms
Remote clock offset: 5.149 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 248.430 ms
Loss rate: 16.36%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 248.430 ms
Loss rate: 16.36%
```
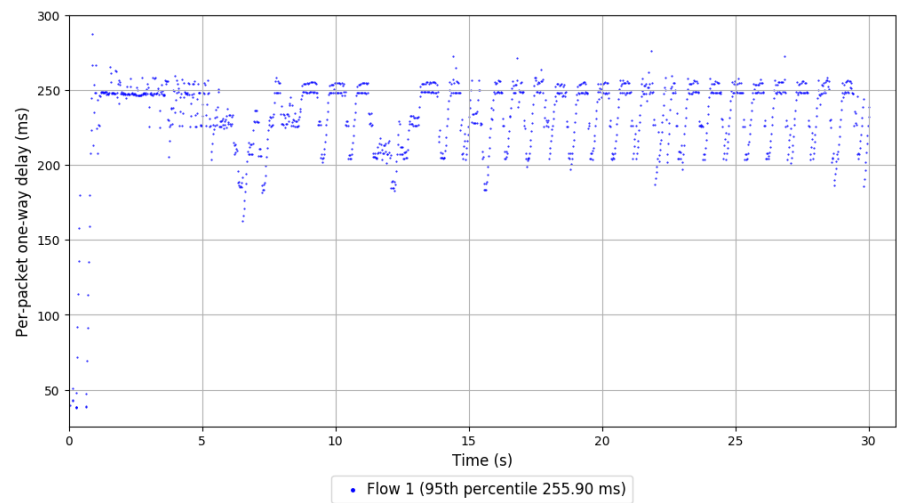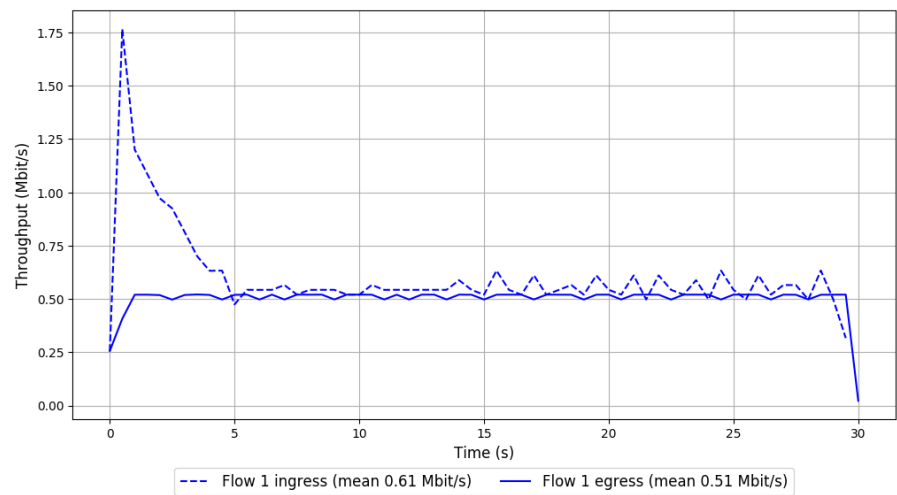
Run 7: Report of QUIC Cubic — Data Link

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

Flow 1 (95th percentile 248.43 ms)
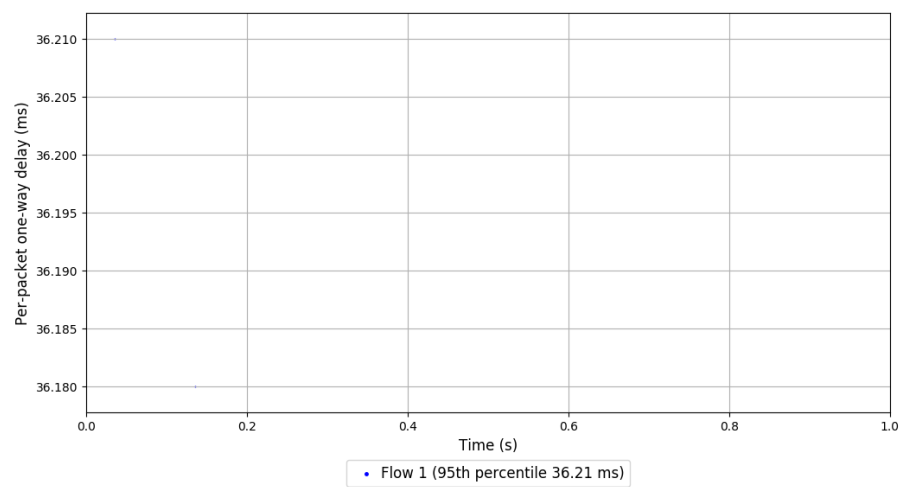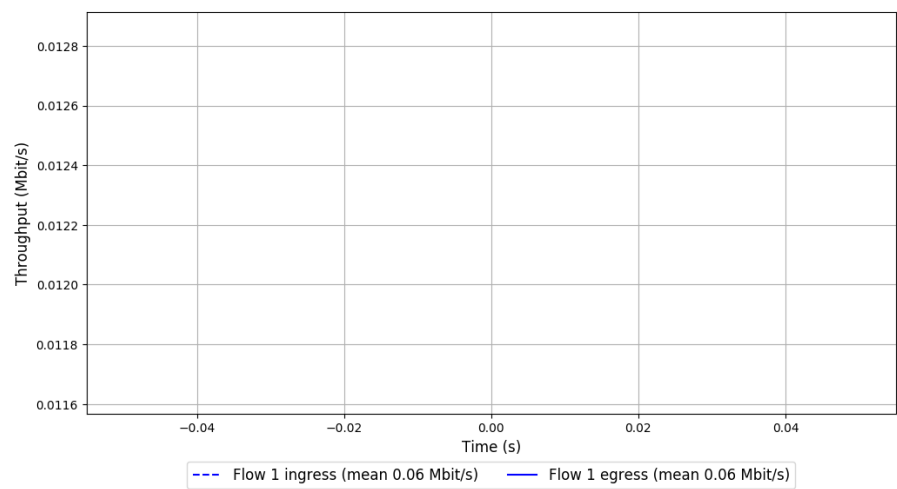
Run 8: Statistics of QUIC Cubic

Start at: Tue, 01 Aug 2017 00:24:01 +0000
End at: Tue, 01 Aug 2017 00:24:31 +0000
Local clock offset: 0.842 ms
Remote clock offset: 5.404 ms

Run 8: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 0.06 Mbit/s)   Flow 1 egress (mean 0.06 Mbit/s)

Flow 1 (95th percentile 35.96 ms)

```
Run 9: Statistics of QUIC Cubic

Start at: Tue, 01 Aug 2017 00:41:24 +0000
End at: Tue, 01 Aug 2017 00:41:54 +0000
Local clock offset: -1.424 ms
Remote clock offset: 6.098 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 255.895 ms
Loss rate: 15.76%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 255.895 ms
Loss rate: 15.76%
```
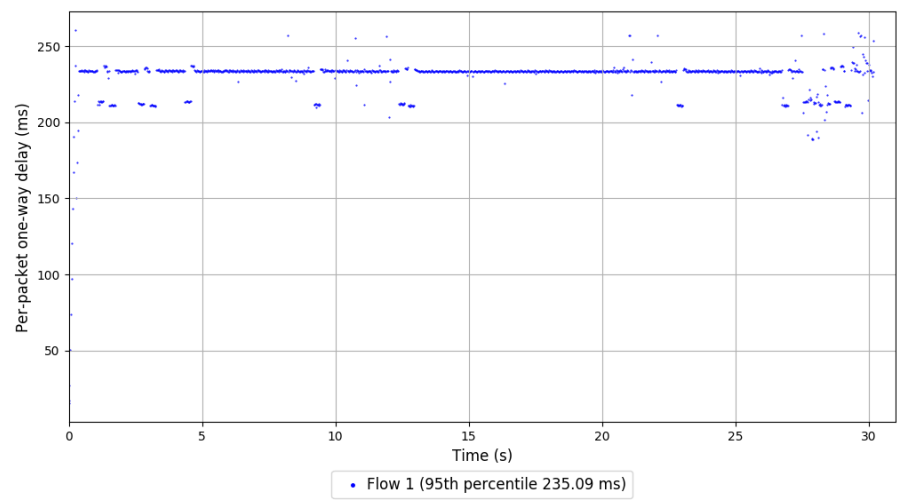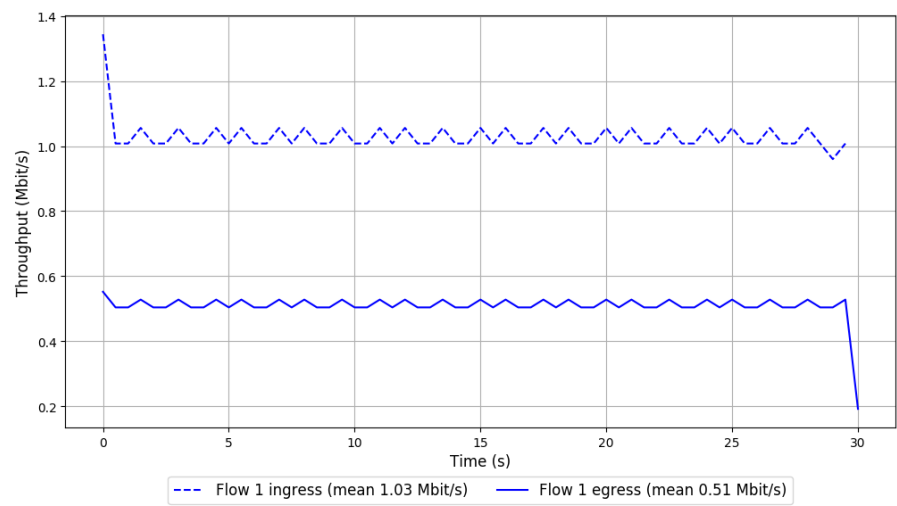
Run 9: Report of QUIC Cubic — Data Link

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

• Flow 1 (95th percentile 255.90 ms)

Run 10: Statistics of QUIC Cubic

Start at: Tue, 01 Aug 2017 00:59:24 +0000
End at: Tue, 01 Aug 2017 00:59:54 +0000
Local clock offset: 1.074 ms
Remote clock offset: 5.644 ms

Run 10: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 0.06 Mbit/s) --- Flow 1 egress (mean 0.06 Mbit/s)

Flow 1 (95th percentile 36.21 ms)

```
Run 1: Statistics of Saturator

Start at: Mon, 31 Jul 2017 22:25:59 +0000
End at: Mon, 31 Jul 2017 22:26:29 +0000
Local clock offset: 2.412 ms
Remote clock offset: -10.443 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 235.086 ms
Loss rate: 49.81%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 235.086 ms
Loss rate: 49.81%
```
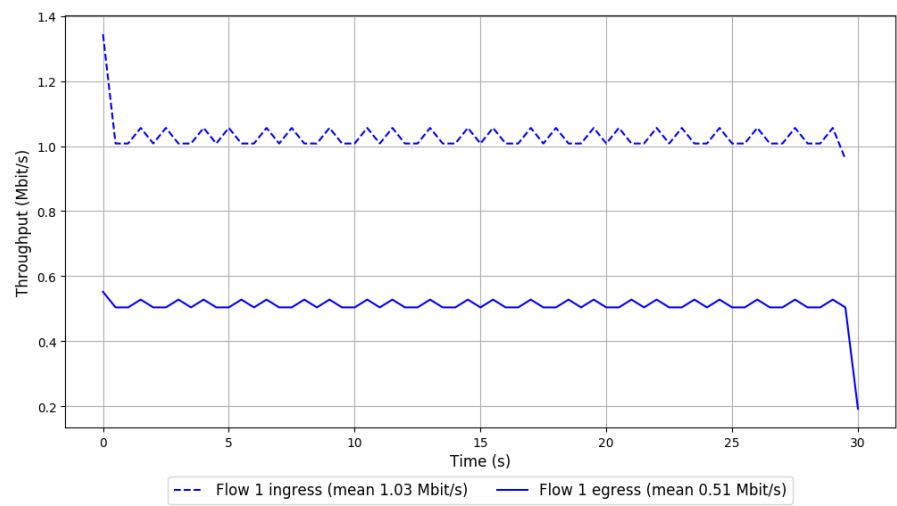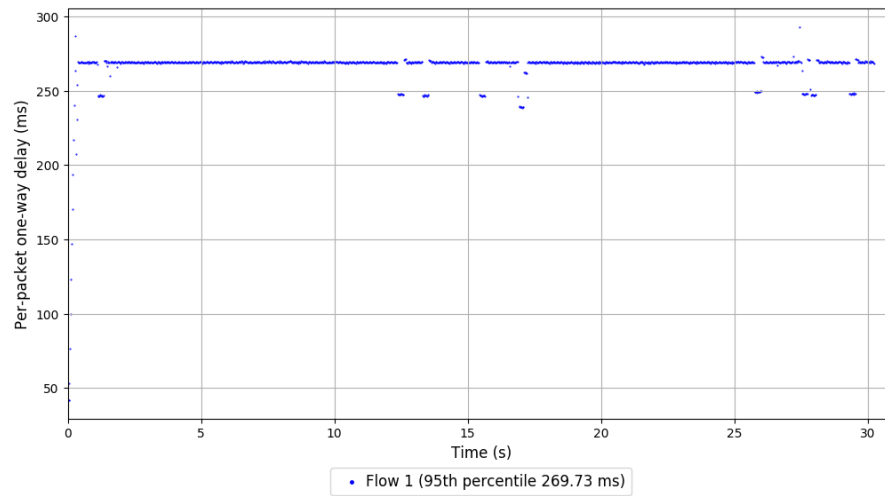
Run 1: Report of Saturator — Data Link

```
Run 2: Statistics of Saturator

Start at: Mon, 31 Jul 2017 22:43:41 +0000
End at: Mon, 31 Jul 2017 22:44:11 +0000
Local clock offset: -2.695 ms
Remote clock offset: -11.54 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 237.743 ms
Loss rate: 49.84%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 237.743 ms
Loss rate: 49.84%
```
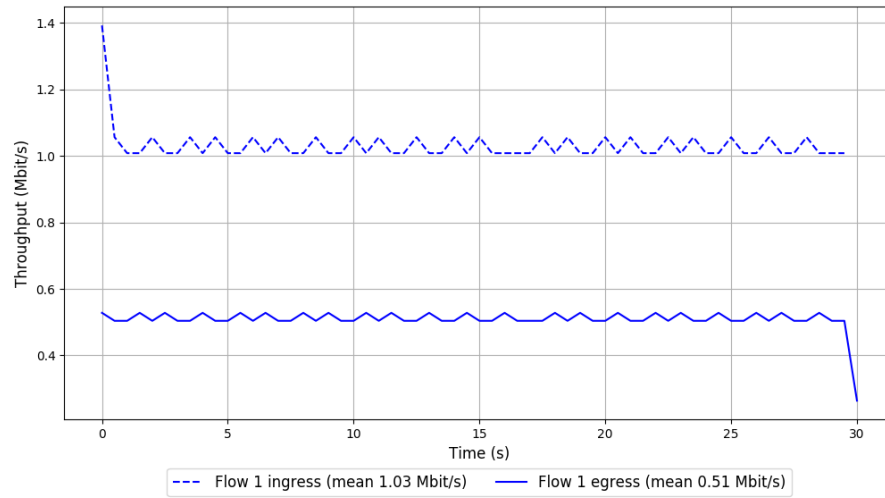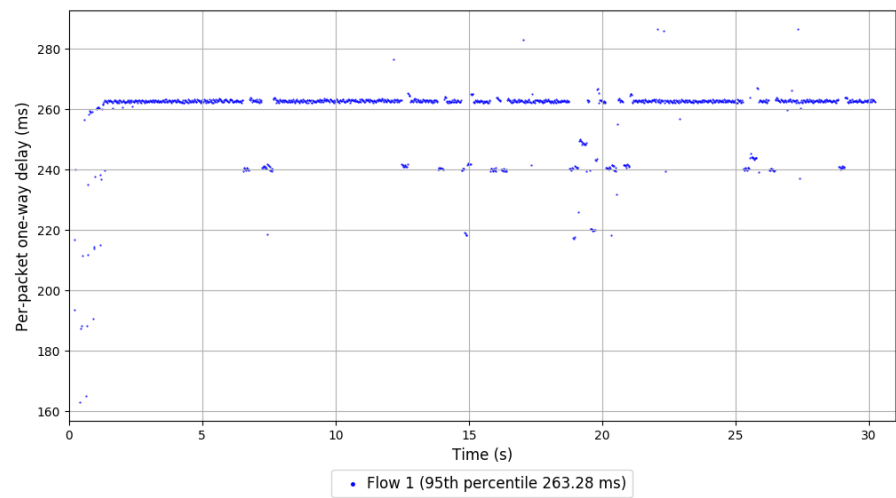
Run 2: Report of Saturator — Data Link

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

Flow 1 (95th percentile 237.74 ms)

```
Run 3: Statistics of Saturator

Start at: Mon, 31 Jul 2017 23:01:28 +0000
End at: Mon, 31 Jul 2017 23:01:58 +0000
Local clock offset: -2.25 ms
Remote clock offset: 6.819 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 269.731 ms
Loss rate: 49.84%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 269.731 ms
Loss rate: 49.84%
```
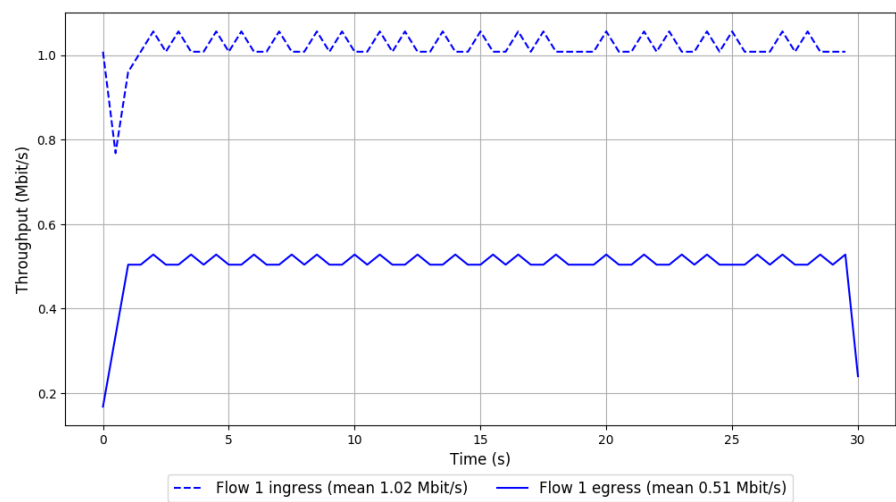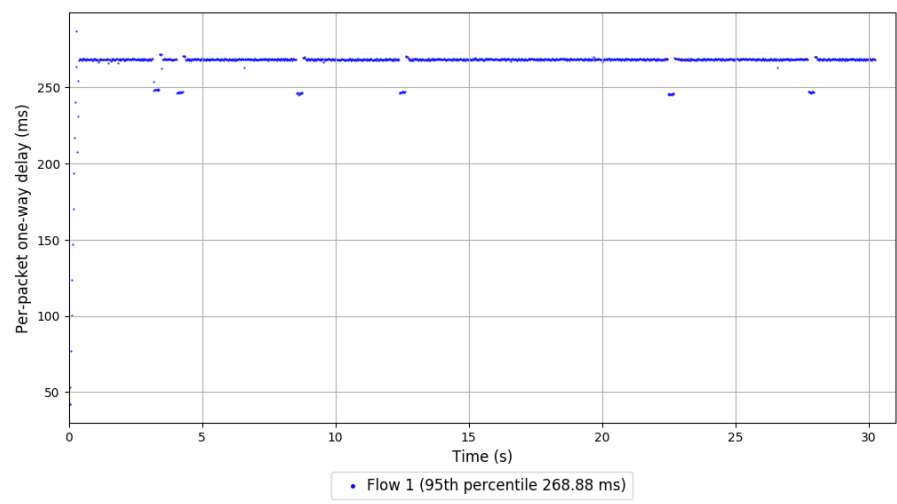
Run 3: Report of Saturator — Data Link

```
Run 4: Statistics of Saturator

Start at: Mon, 31 Jul 2017 23:19:07 +0000
End at: Mon, 31 Jul 2017 23:19:37 +0000
Local clock offset: 3.233 ms
Remote clock offset: 6.416 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 263.280 ms
Loss rate: 50.16%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 263.280 ms
Loss rate: 50.16%
```
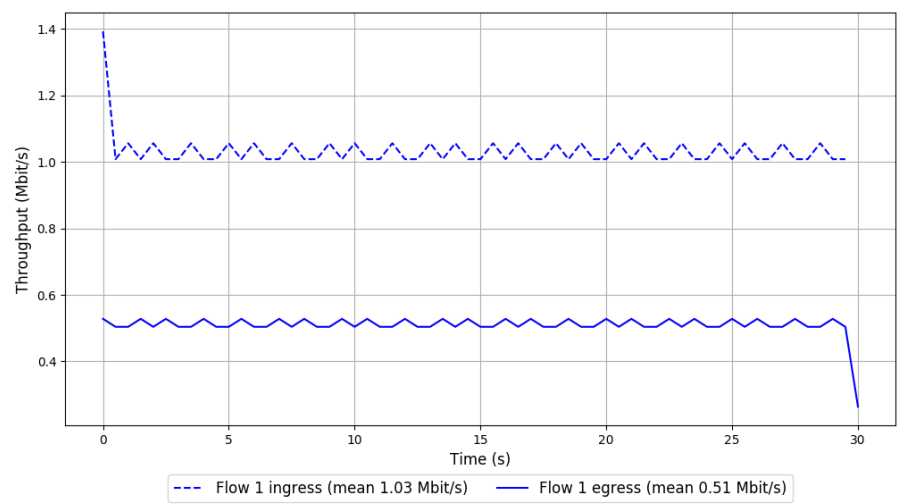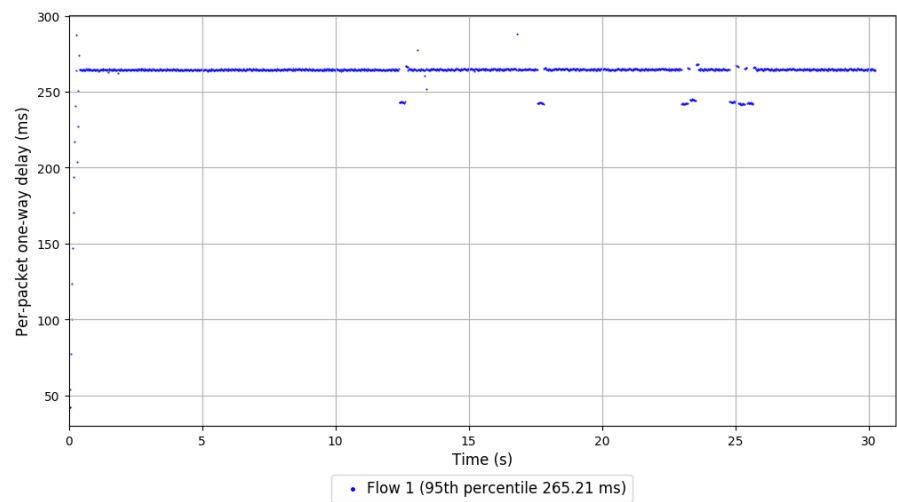
Run 4: Report of Saturator — Data Link

```
Run 5: Statistics of Saturator

Start at: Mon, 31 Jul 2017 23:36:49 +0000
End at: Mon, 31 Jul 2017 23:37:19 +0000
Local clock offset: -2.425 ms
Remote clock offset: 5.84 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 268.878 ms
Loss rate: 49.84%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 268.878 ms
Loss rate: 49.84%
```
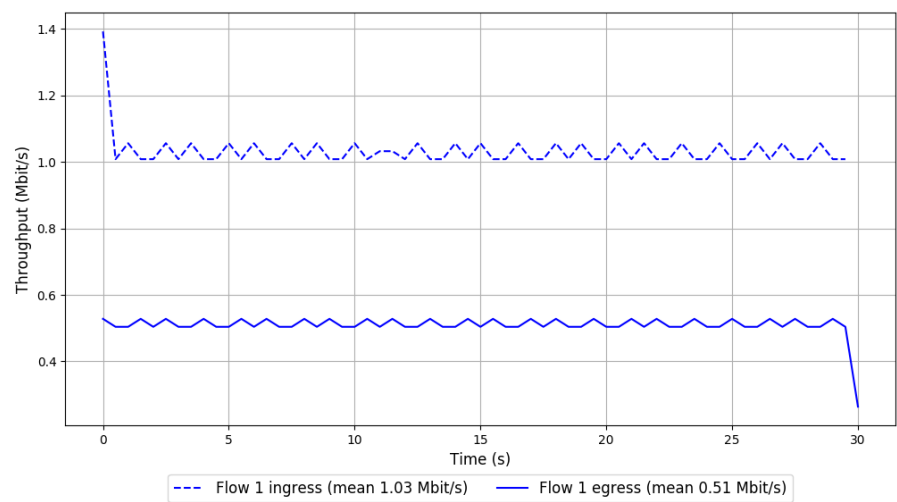
Run 5: Report of Saturator — Data Link

```
Run 6: Statistics of Saturator

Start at: Mon, 31 Jul 2017 23:54:12 +0000
End at: Mon, 31 Jul 2017 23:54:42 +0000
Local clock offset: -3.313 ms
Remote clock offset: 4.882 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 265.207 ms
Loss rate: 49.84%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 265.207 ms
Loss rate: 49.84%
```
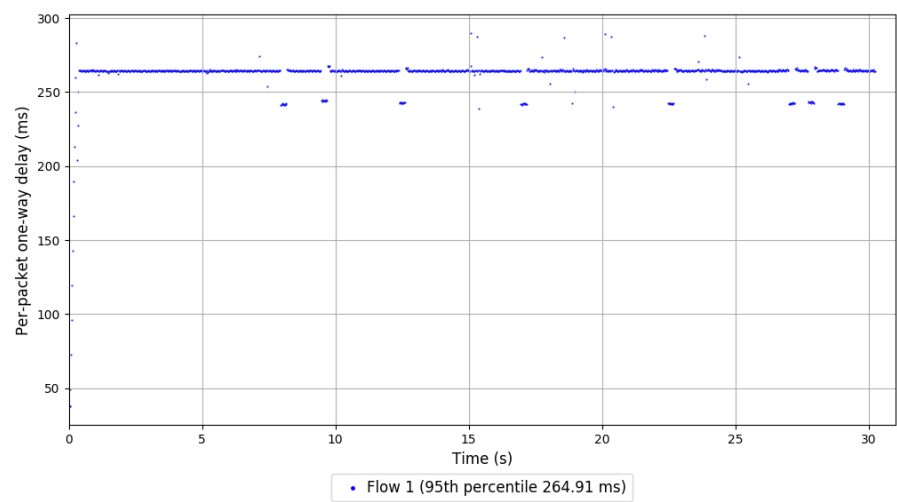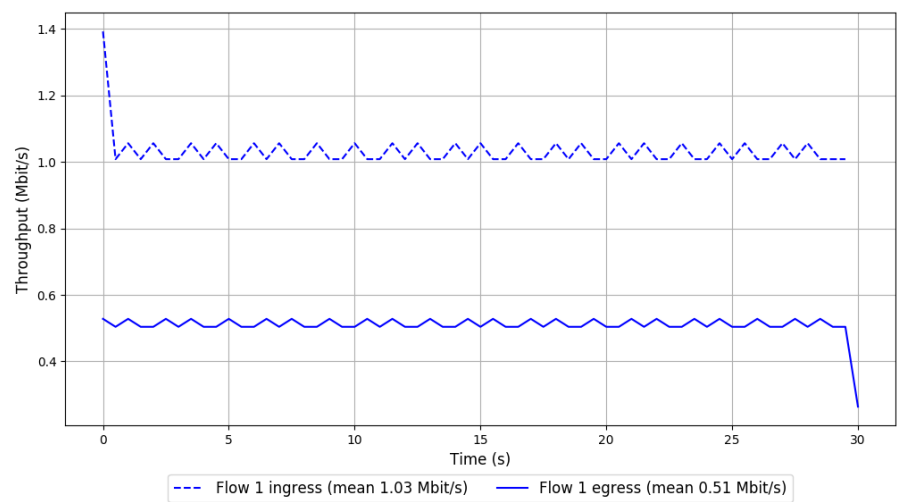
Run 6: Report of Saturator — Data Link

```
Run 7: Statistics of Saturator

Start at: Tue, 01 Aug 2017 00:11:36 +0000
End at: Tue, 01 Aug 2017 00:12:06 +0000
Local clock offset: 1.298 ms
Remote clock offset: 4.6 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 264.910 ms
Loss rate: 49.84%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 264.910 ms
Loss rate: 49.84%
```
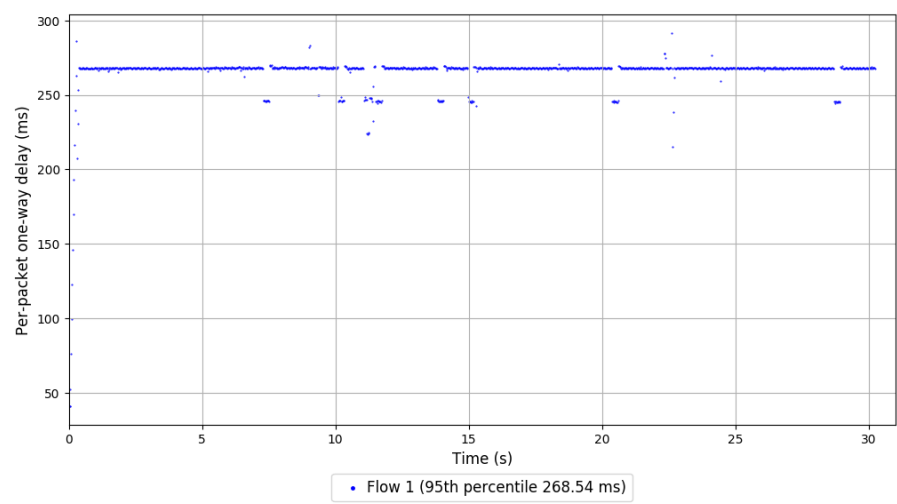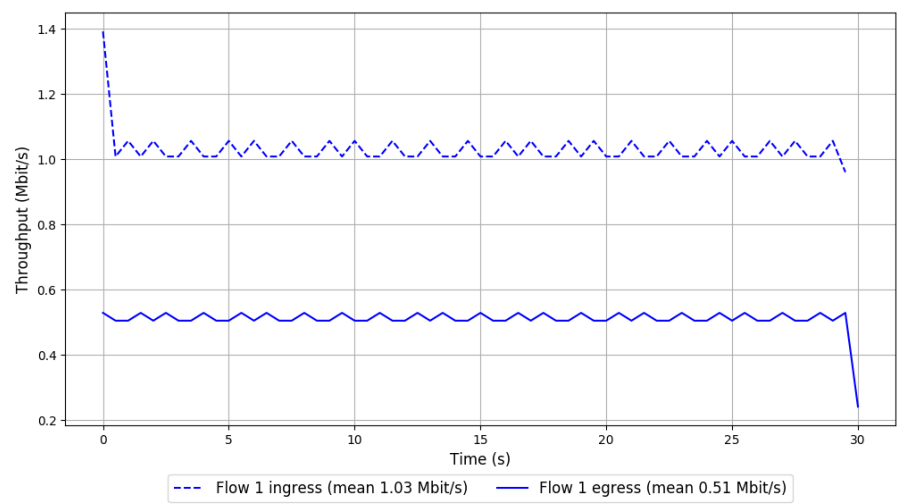
Run 7: Report of Saturator — Data Link

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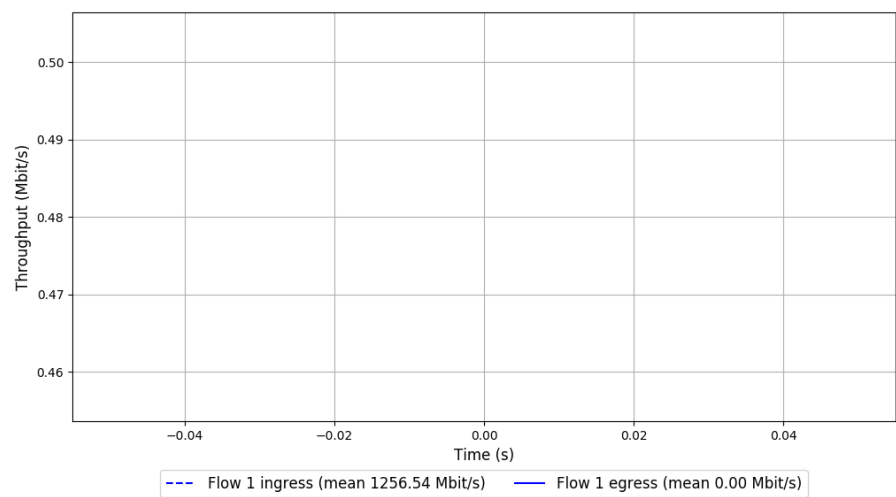

• Flow 1 (95th percentile 264.91 ms)

```
Run 8: Statistics of Saturator

Start at: Tue, 01 Aug 2017 00:28:58 +0000
End at: Tue, 01 Aug 2017 00:29:28 +0000
Local clock offset: -1.328 ms
Remote clock offset: 5.919 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 268.542 ms
Loss rate: 49.84%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 268.542 ms
Loss rate: 49.84%
```

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 268.54 ms)

Run 9: Statistics of Saturator

Start at: Tue, 01 Aug 2017 00:46:30 +0000
End at: Tue, 01 Aug 2017 00:47:00 +0000
Local clock offset: 2.649 ms
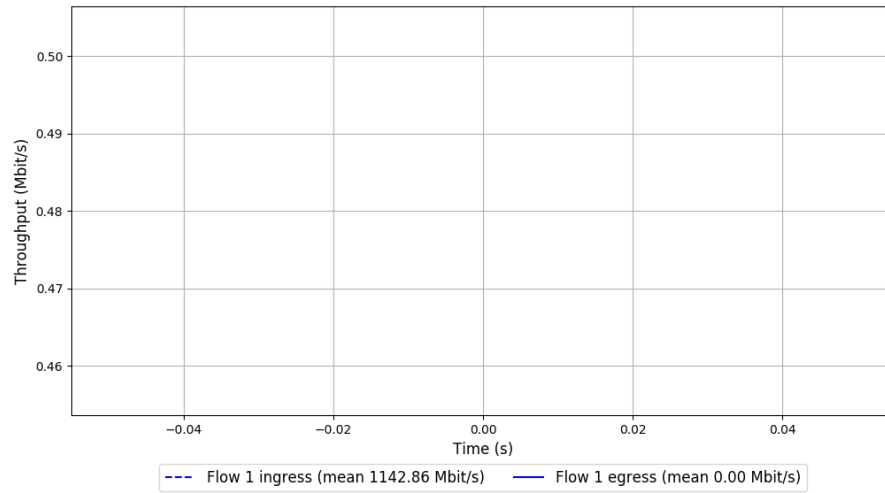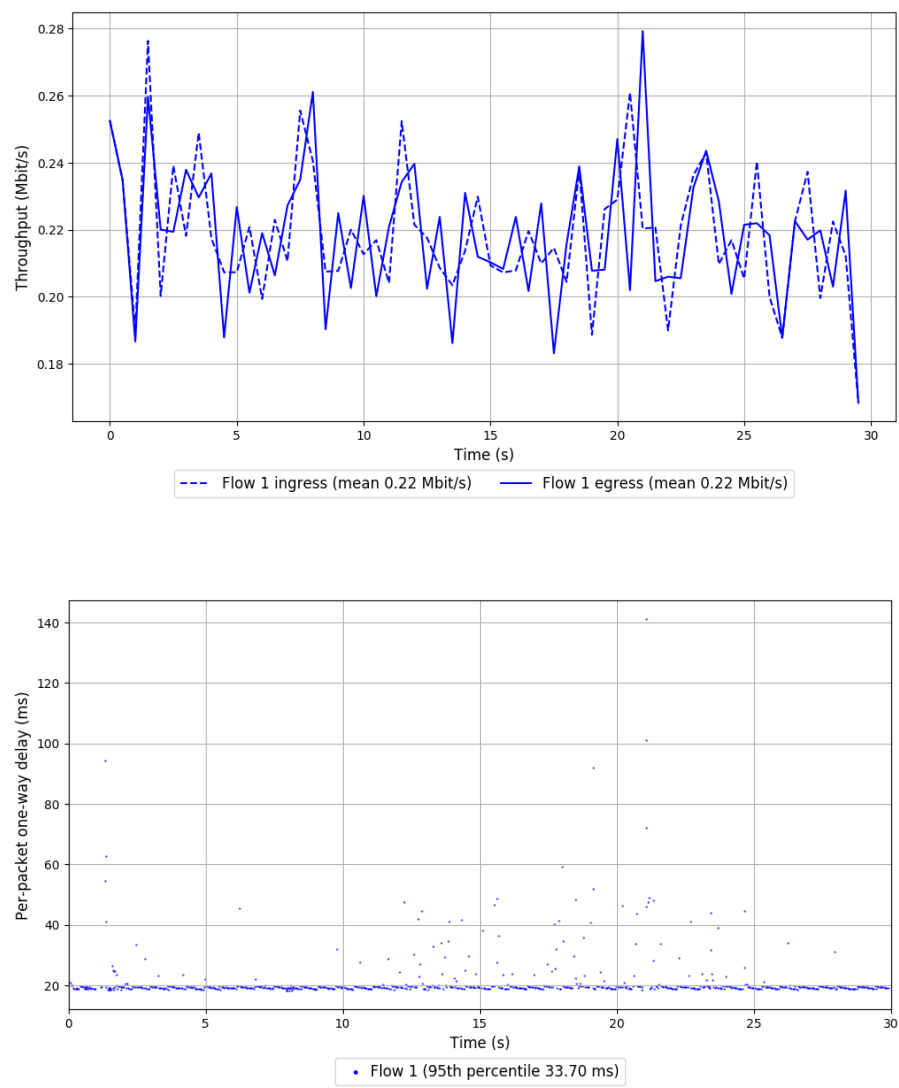Remote clock offset: 5.963 ms

Run 9: Report of Saturator — Data Link

Figure is missing

Run 10: Statistics of Saturator

Start at: Tue, 01 Aug 2017 01:04:27 +0000
End at: Tue, 01 Aug 2017 01:04:57 +0000
Local clock offset: 0.958 ms
Remote clock offset: 5.421 ms

Run 10: Report of Saturator — Data Link

Figure is missing

```
Run 1: Statistics of SCReAM

Start at: Mon, 31 Jul 2017 22:15:48 +0000
End at: Mon, 31 Jul 2017 22:16:18 +0000
Local clock offset: 1.739 ms
Remote clock offset: -10.462 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 33.700 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 33.700 ms
Loss rate: 0.00%
```
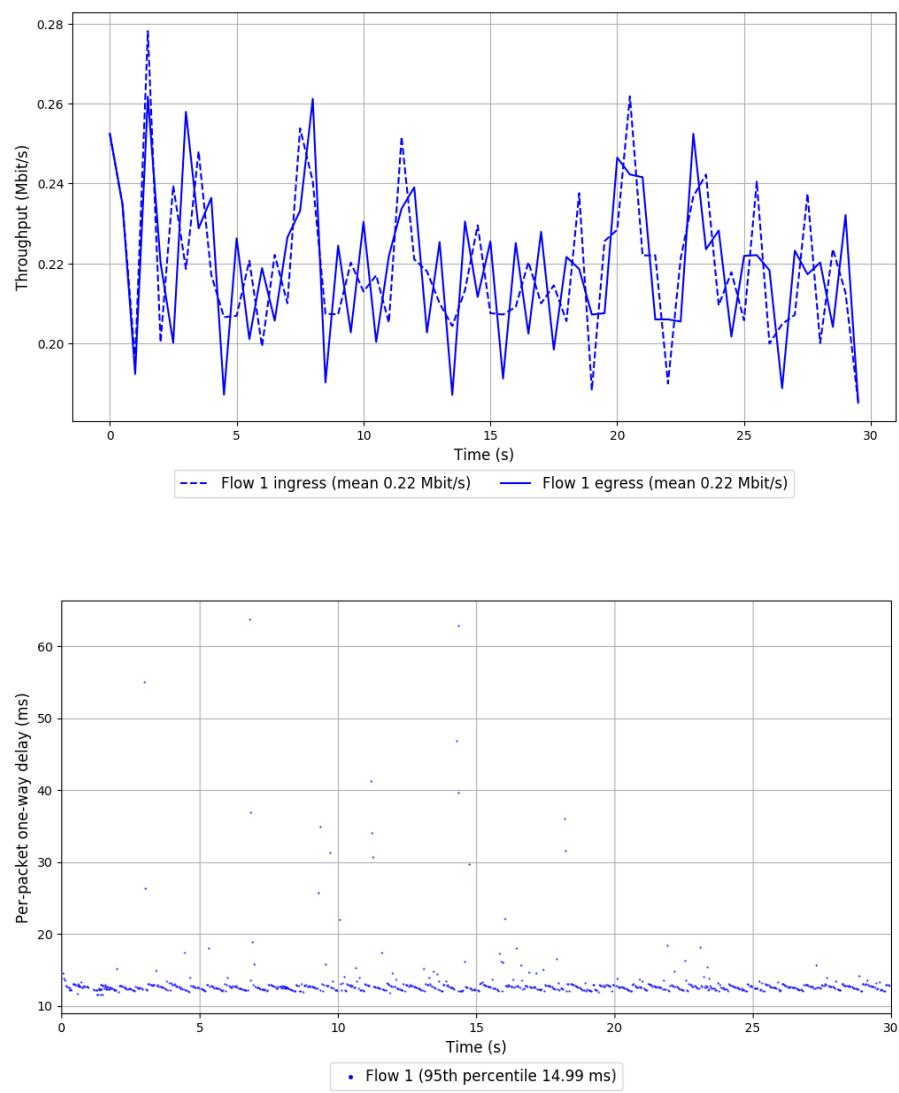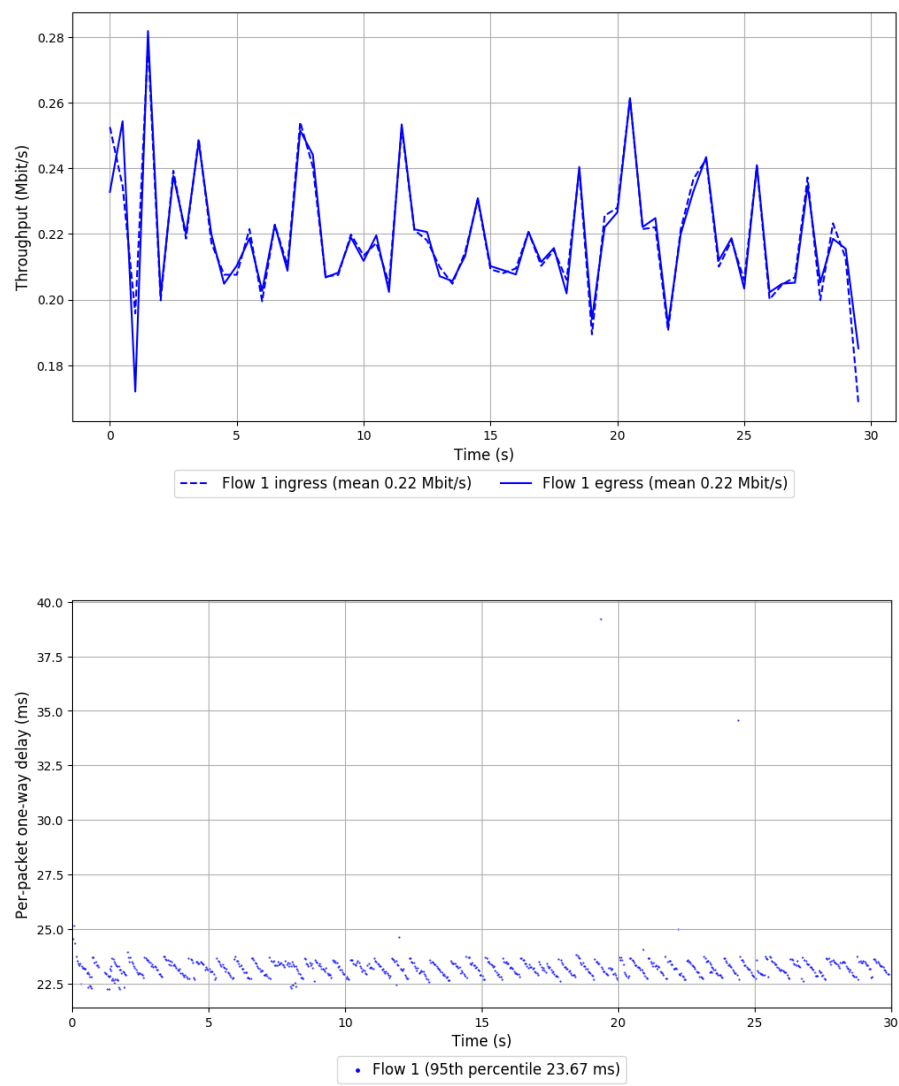
Run 1: Report of SCReAM — Data Link

```
Run 2: Statistics of SCReAM

Start at: Mon, 31 Jul 2017 22:33:33 +0000
End at: Mon, 31 Jul 2017 22:34:03 +0000
Local clock offset: 2.673 ms
Remote clock offset: -10.457 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 14.991 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 14.991 ms
Loss rate: 0.00%
```
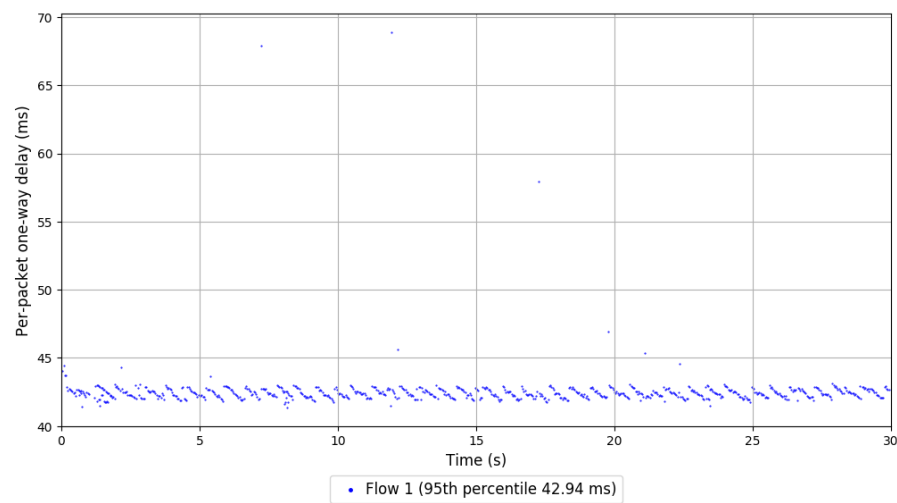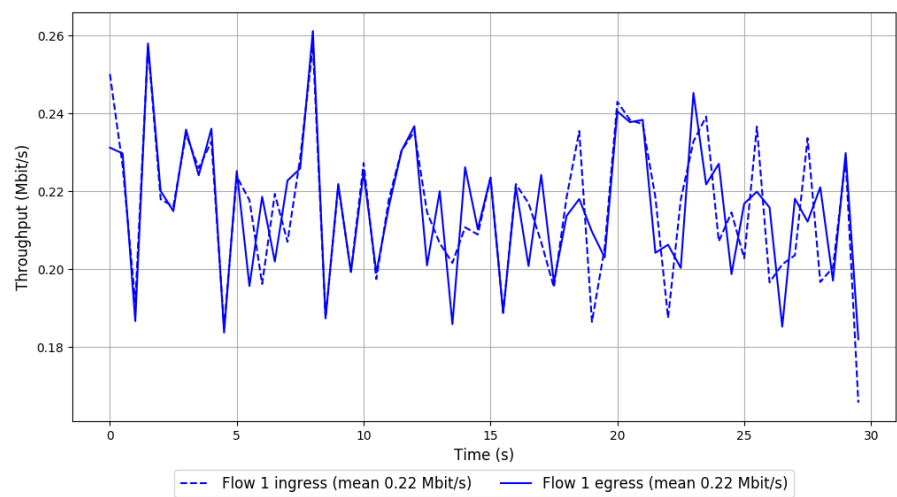
Run 2: Report of SCReAM — Data Link

```
Run 3: Statistics of SCReAM

Start at: Mon, 31 Jul 2017 22:51:22 +0000
End at: Mon, 31 Jul 2017 22:51:52 +0000
Local clock offset: -0.75 ms
Remote clock offset: -7.69 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.670 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.670 ms
Loss rate: 0.00%
```
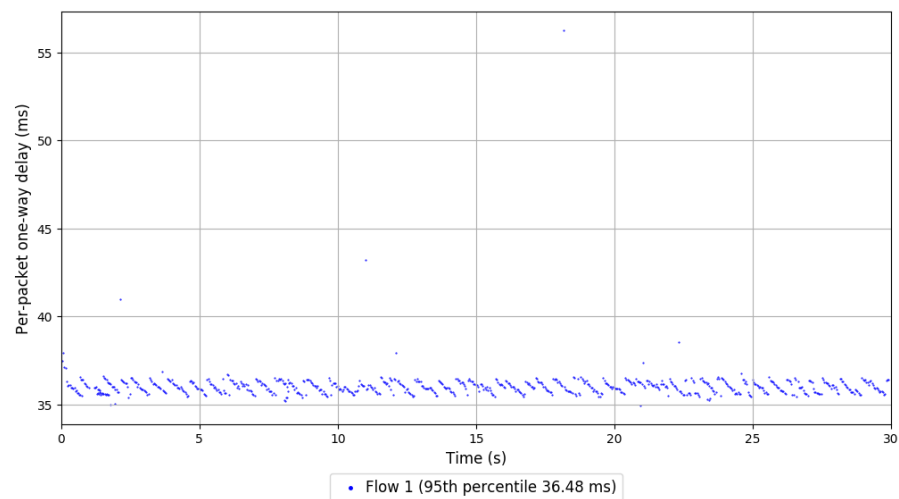
Run 3: Report of SCReAM — Data Link

```
Run 4: Statistics of SCReAM

Start at: Mon, 31 Jul 2017 23:08:56 +0000
End at: Mon, 31 Jul 2017 23:09:26 +0000
Local clock offset: -3.244 ms
Remote clock offset: 9.484 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 42.942 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 42.942 ms
Loss rate: 0.00%
```
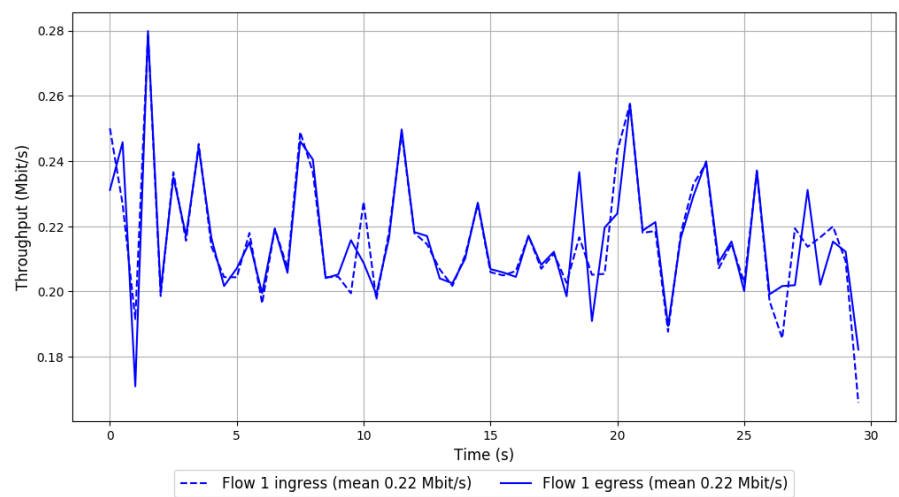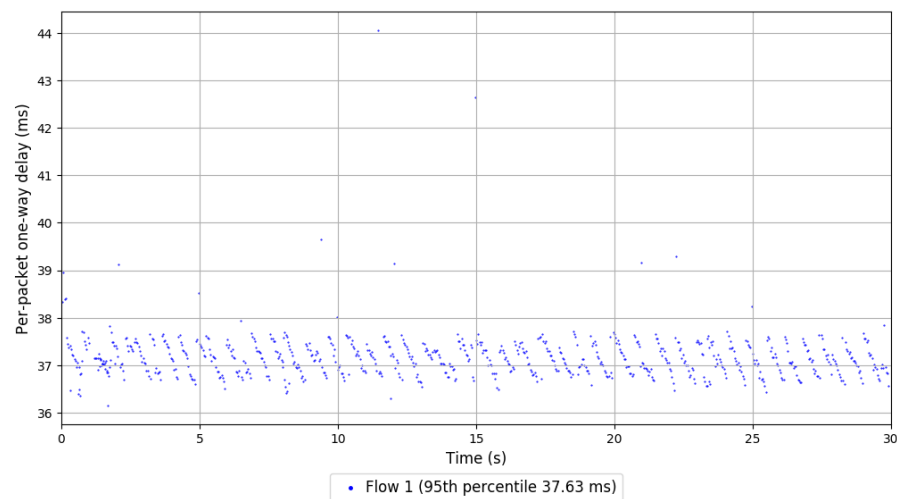
Run 4: Report of SCReAM — Data Link

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

Flow 1 (95th percentile 42.94 ms)

```
Run 5: Statistics of SCReAM

Start at: Mon, 31 Jul 2017 23:26:51 +0000
End at: Mon, 31 Jul 2017 23:27:21 +0000
Local clock offset: 0.29 ms
Remote clock offset: 6.166 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.484 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 36.484 ms
Loss rate: 0.00%
```
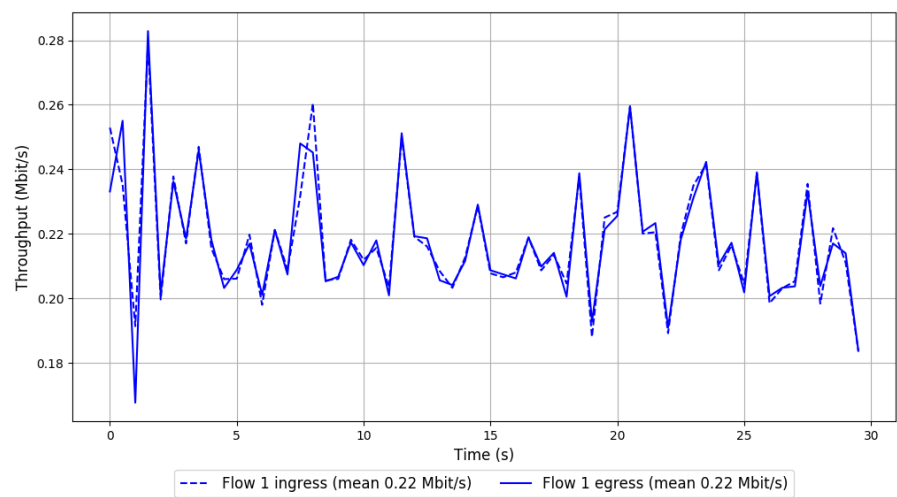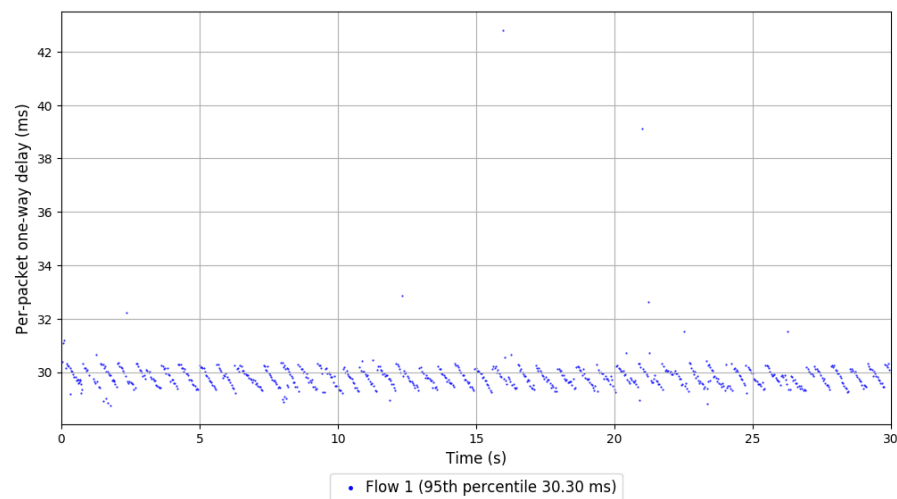
Run 5: Report of SCReAM — Data Link

```
Run 6: Statistics of SCReAM

Start at: Mon, 31 Jul 2017 23:44:15 +0000
End at: Mon, 31 Jul 2017 23:44:45 +0000
Local clock offset: -0.45 ms
Remote clock offset: 6.5 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 37.629 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 37.629 ms
Loss rate: 0.13%
```
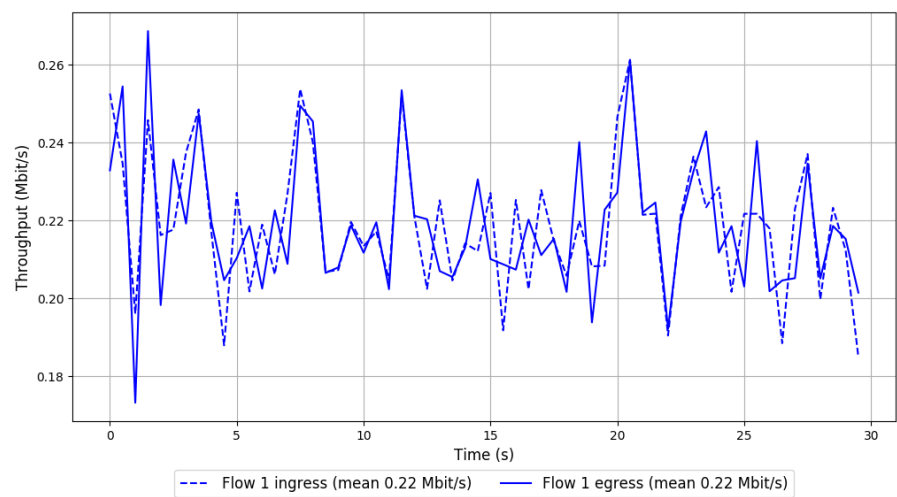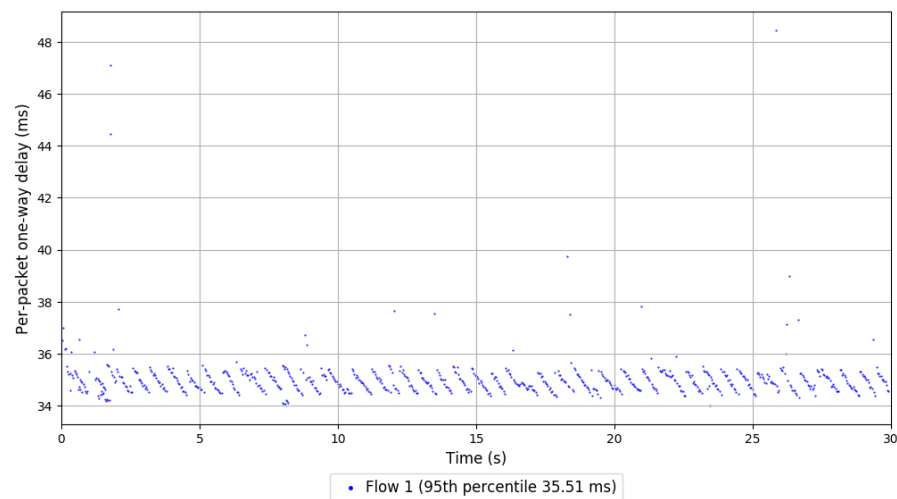
Run 6: Report of SCReAM — Data Link

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

Flow 1 (95th percentile 37.63 ms)

```
Run 7: Statistics of SCReAM

Start at: Tue, 01 Aug 2017 00:01:40 +0000
End at: Tue, 01 Aug 2017 00:02:11 +0000
Local clock offset: 1.046 ms
Remote clock offset: 4.824 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.297 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.297 ms
Loss rate: 0.00%
```
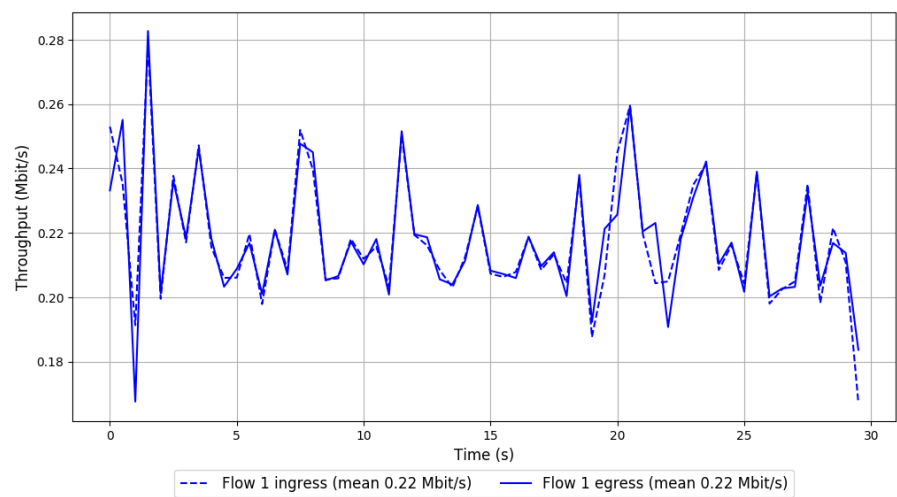
Run 7: Report of SCReAM — Data Link

```
Run 8: Statistics of SCReAM

Start at: Tue, 01 Aug 2017 00:19:03 +0000
End at: Tue, 01 Aug 2017 00:19:33 +0000
Local clock offset: 0.264 ms
Remote clock offset: 4.403 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.512 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 35.512 ms
Loss rate: 0.00%
```
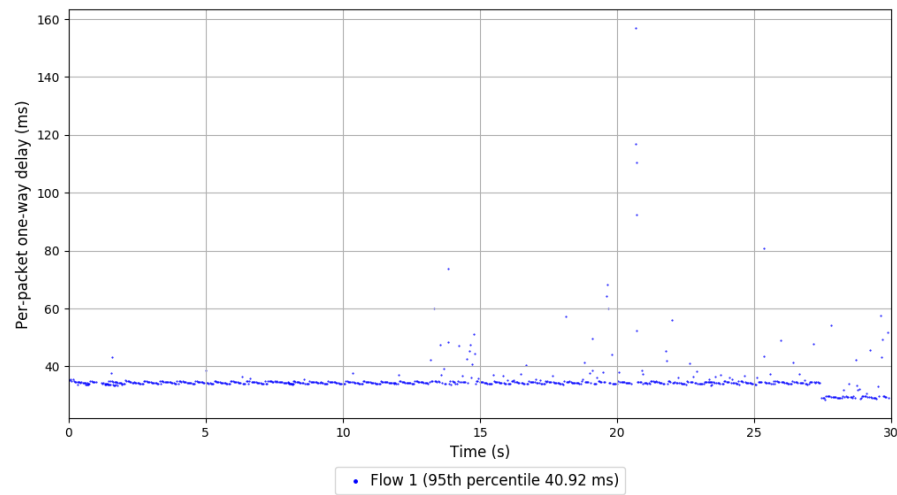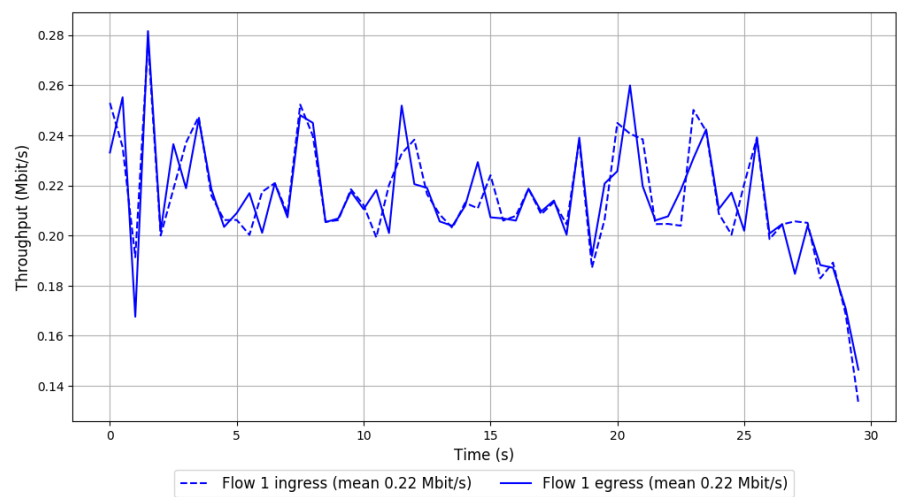
Run 8: Report of SCReAM — Data Link

```
Run 9: Statistics of SCReAM

Start at: Tue, 01 Aug 2017 00:36:25 +0000
End at: Tue, 01 Aug 2017 00:36:55 +0000
Local clock offset: -3.537 ms
Remote clock offset: 0.413 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 40.920 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 40.920 ms
Loss rate: 0.15%
```
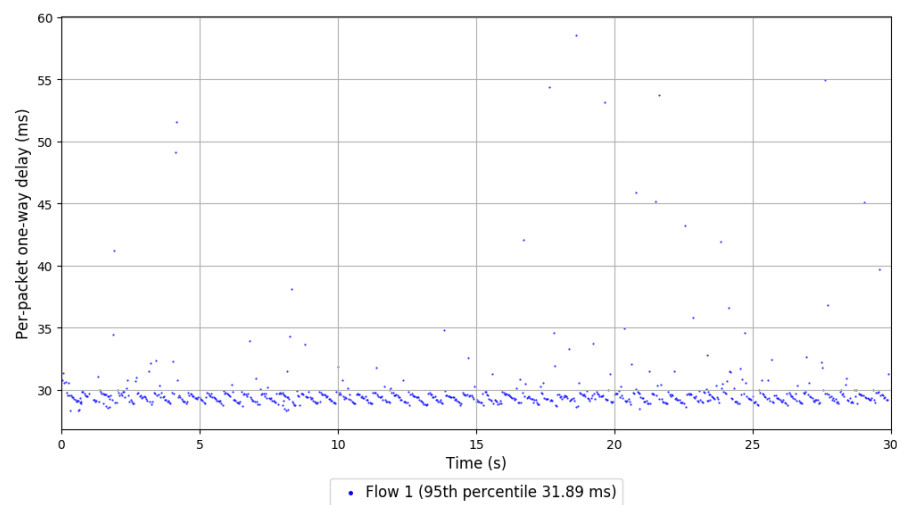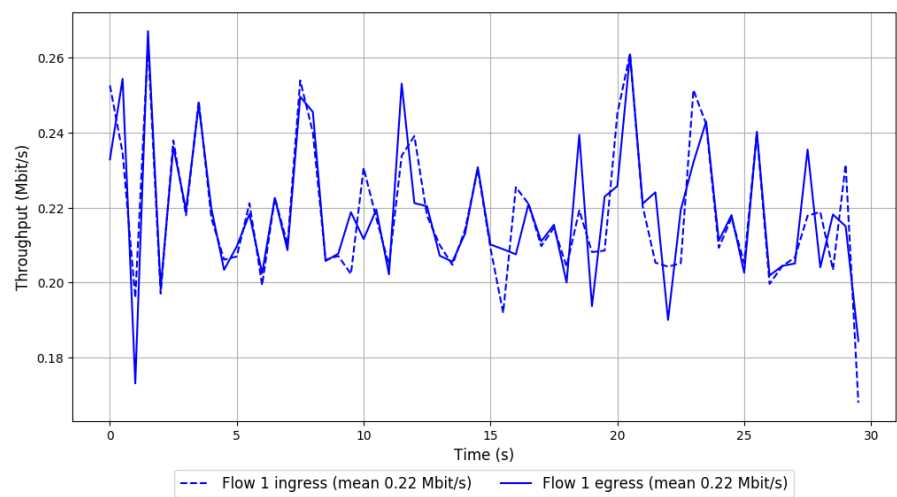
Run 9: Report of SCReAM — Data Link

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

Flow 1 (95th percentile 40.92 ms)

```
Run 10: Statistics of SCReAM

Start at: Tue, 01 Aug 2017 00:54:25 +0000
End at: Tue, 01 Aug 2017 00:54:55 +0000
Local clock offset: 1.684 ms
Remote clock offset: 5.409 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 31.885 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 31.885 ms
Loss rate: 0.00%
```
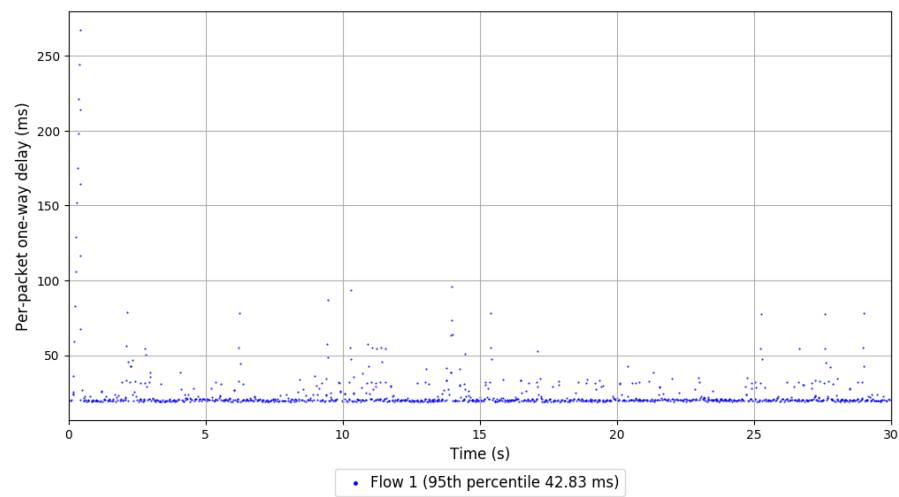
Run 10: Report of SCReAM — Data Link

```
Run 1: Statistics of Sprout

Start at: Mon, 31 Jul 2017 22:11:59 +0000
End at: Mon, 31 Jul 2017 22:12:29 +0000
Local clock offset: 0.515 ms
Remote clock offset: -10.693 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 42.834 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 42.834 ms
Loss rate: 0.35%
```
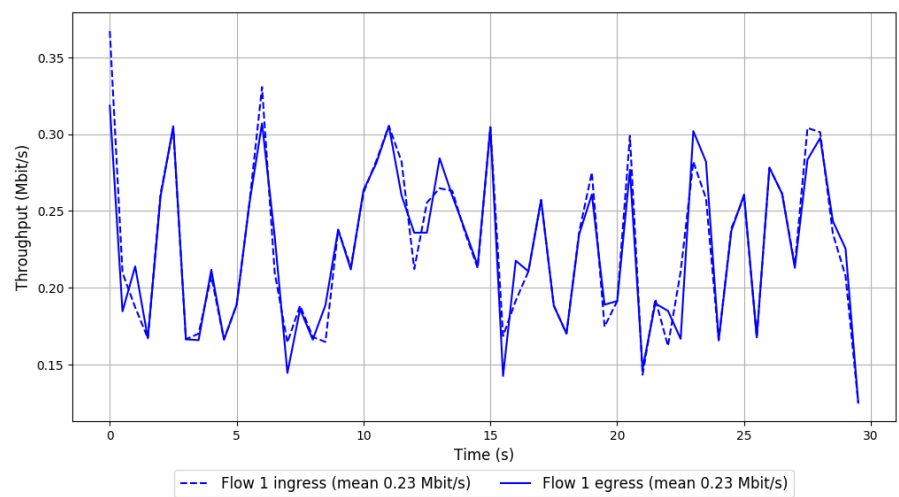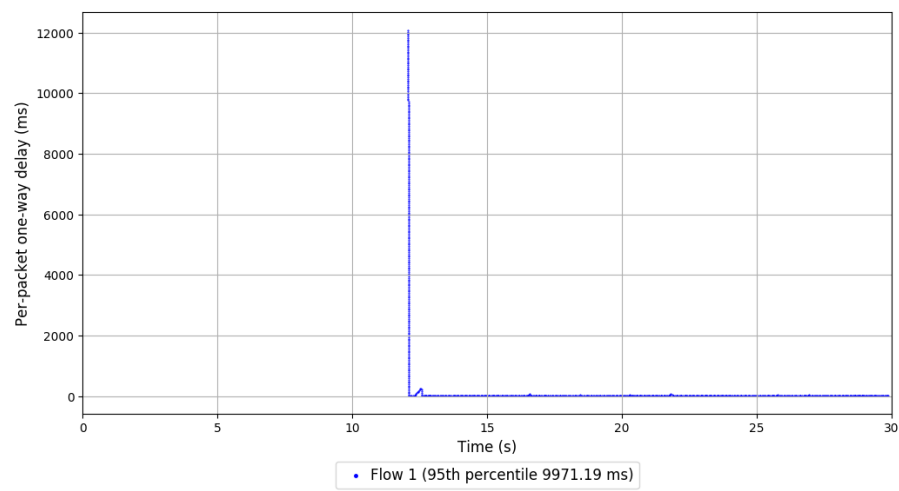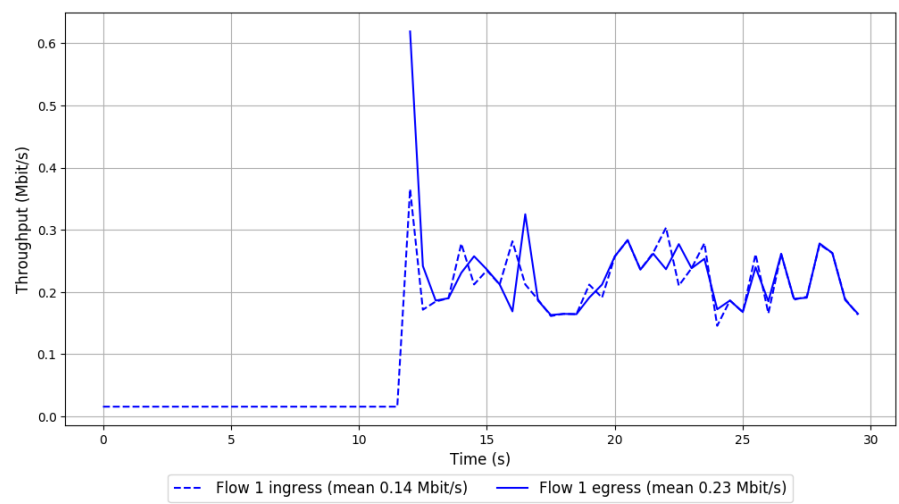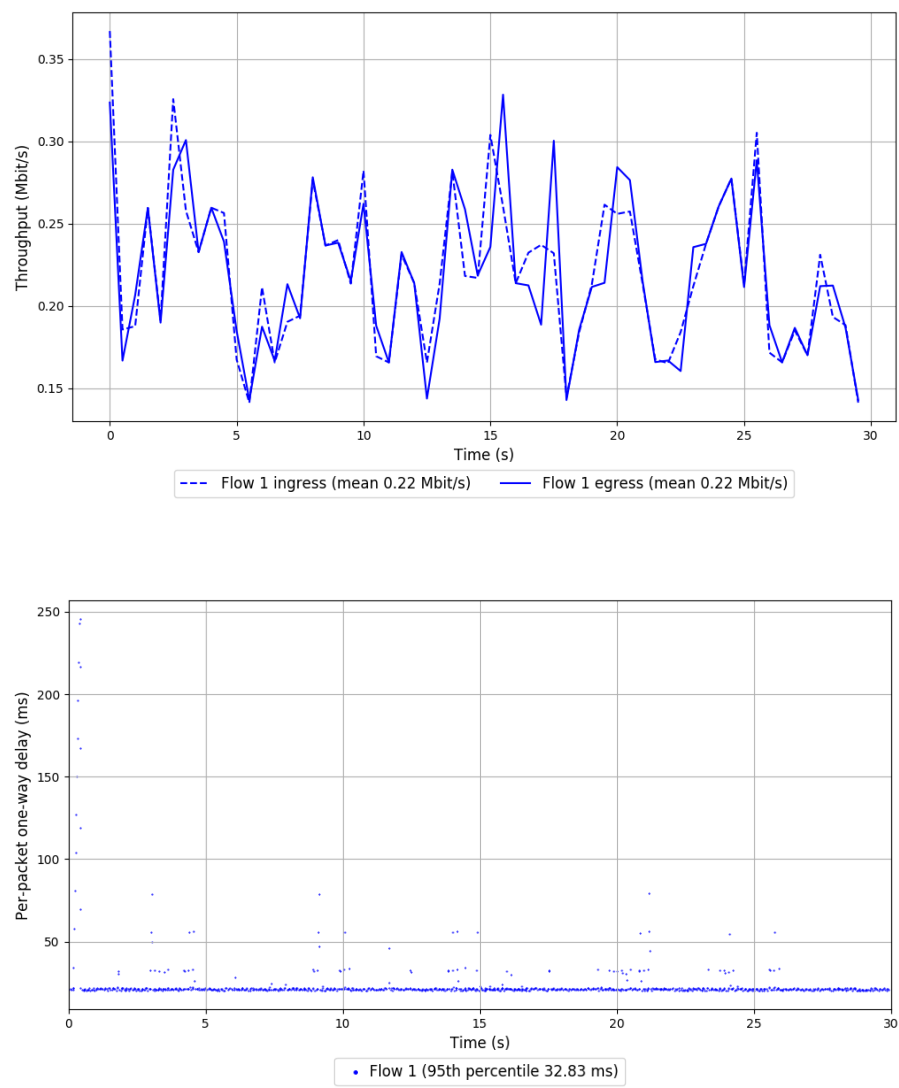
Run 1: Report of Sprout — Data Link

Run 2: Statistics of Sprout

Start at: Mon, 31 Jul 2017 22:29:47 +0000
End at: Mon, 31 Jul 2017 22:30:17 +0000
Local clock offset: -0.714 ms
Remote clock offset: -10.387 ms

Run 2: Report of Sprout — Data Link

```
Run 3: Statistics of Sprout

Start at: Mon, 31 Jul 2017 22:47:35 +0000
End at: Mon, 31 Jul 2017 22:48:05 +0000
Local clock offset: -1.749 ms
Remote clock offset: -10.578 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 32.827 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 32.827 ms
Loss rate: 0.33%
```
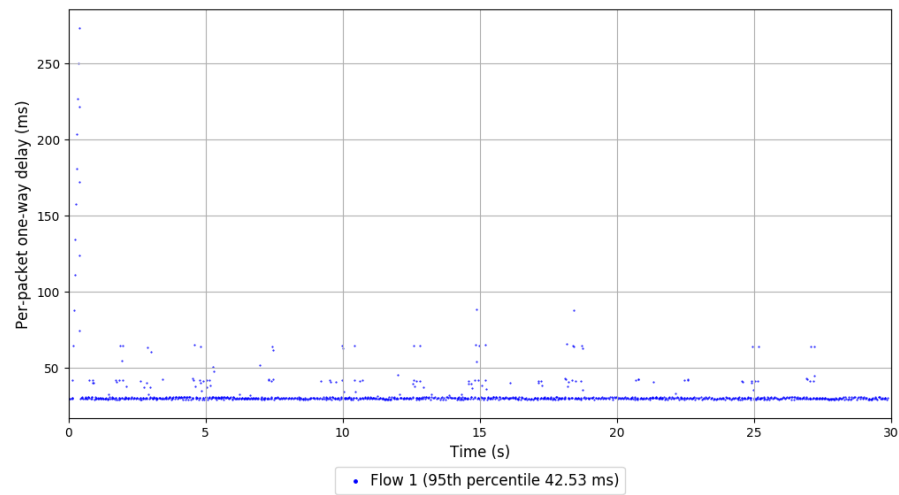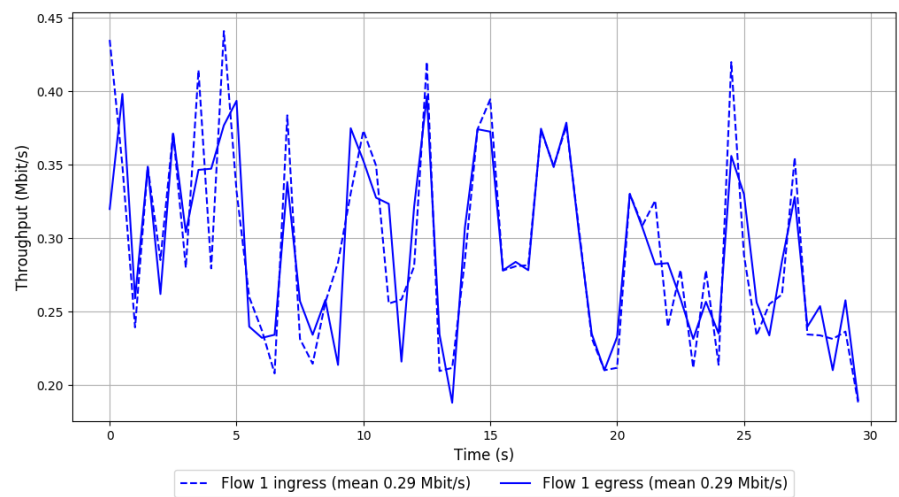
Run 3: Report of Sprout — Data Link

```
Run 4: Statistics of Sprout

Start at: Mon, 31 Jul 2017 23:05:13 +0000
End at: Mon, 31 Jul 2017 23:05:43 +0000
Local clock offset: 0.383 ms
Remote clock offset: 5.934 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 42.529 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 42.529 ms
Loss rate: 0.27%
```
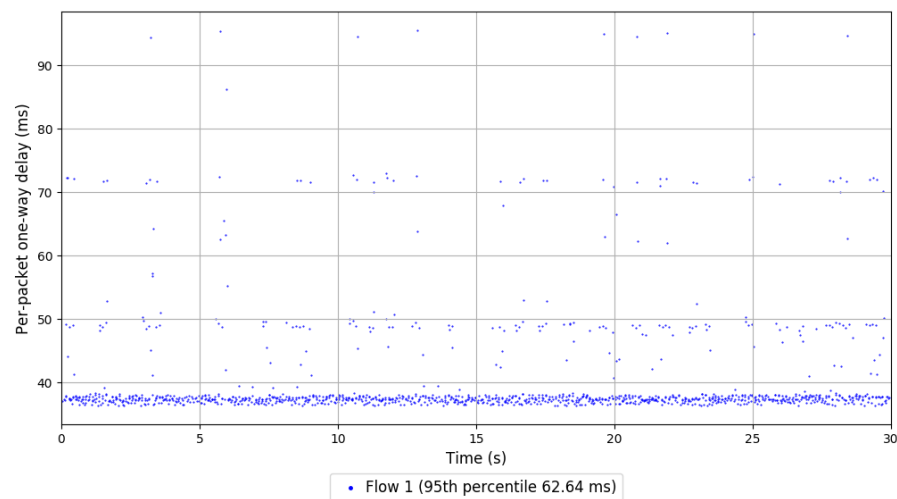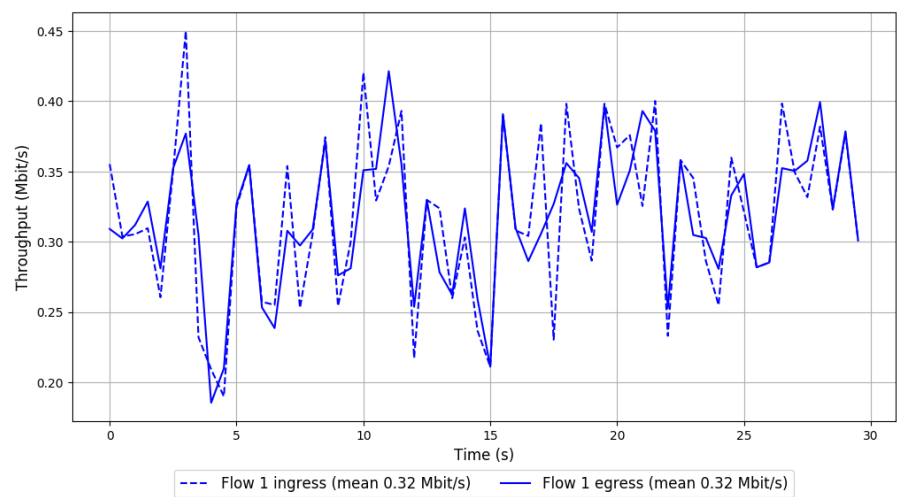
Run 4: Report of Sprout — Data Link

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

Flow 1 (95th percentile 42.53 ms)

```
Run 5: Statistics of Sprout

Start at: Mon, 31 Jul 2017 23:23:07 +0000
End at: Mon, 31 Jul 2017 23:23:37 +0000
Local clock offset: -0.704 ms
Remote clock offset: 6.928 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 62.642 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 62.642 ms
Loss rate: 0.00%
```
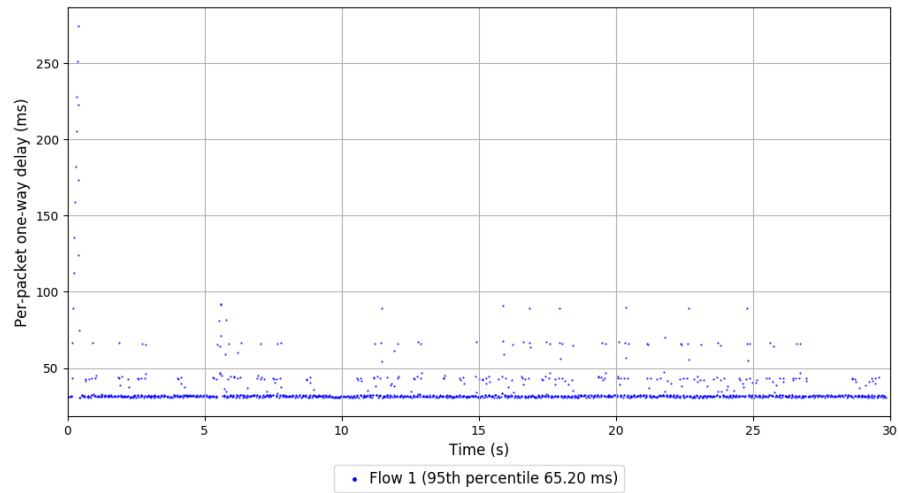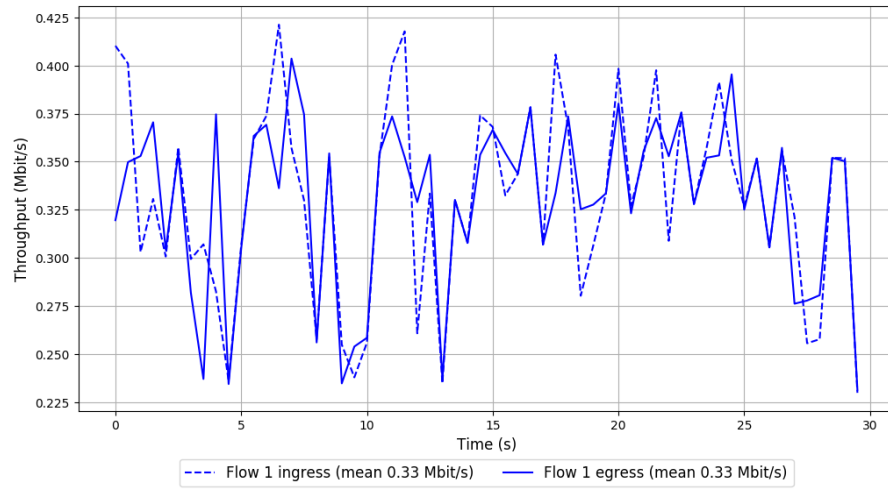
Run 5: Report of Sprout — Data Link

Flow 1 ingress (mean 0.32 Mbit/s)　　Flow 1 egress (mean 0.32 Mbit/s)

• Flow 1 (95th percentile 62.64 ms)

```
Run 6: Statistics of Sprout

Start at: Mon, 31 Jul 2017 23:40:33 +0000
End at: Mon, 31 Jul 2017 23:41:03 +0000
Local clock offset: -1.127 ms
Remote clock offset: 5.391 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 65.203 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 65.203 ms
Loss rate: 0.24%
```
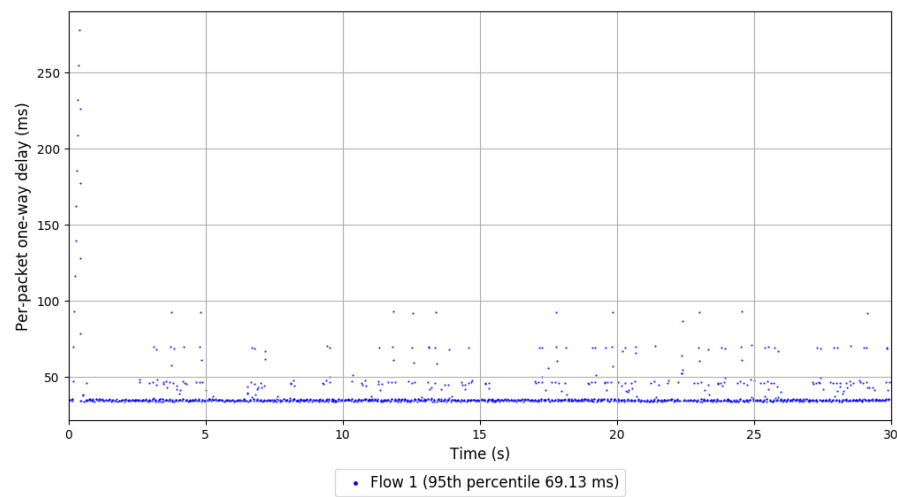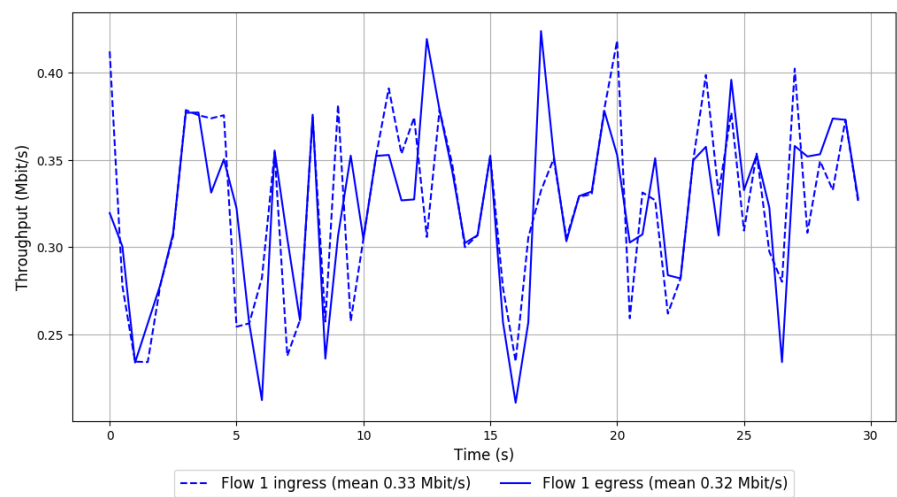
Run 6: Report of Sprout — Data Link

Flow 1 ingress (mean 0.33 Mbit/s)   Flow 1 egress (mean 0.33 Mbit/s)

Flow 1 (95th percentile 65.20 ms)

```
Run 7: Statistics of Sprout

Start at: Mon, 31 Jul 2017 23:57:56 +0000
End at: Mon, 31 Jul 2017 23:58:26 +0000
Local clock offset: 0.942 ms
Remote clock offset: 5.434 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 69.126 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 69.126 ms
Loss rate: 0.24%
```
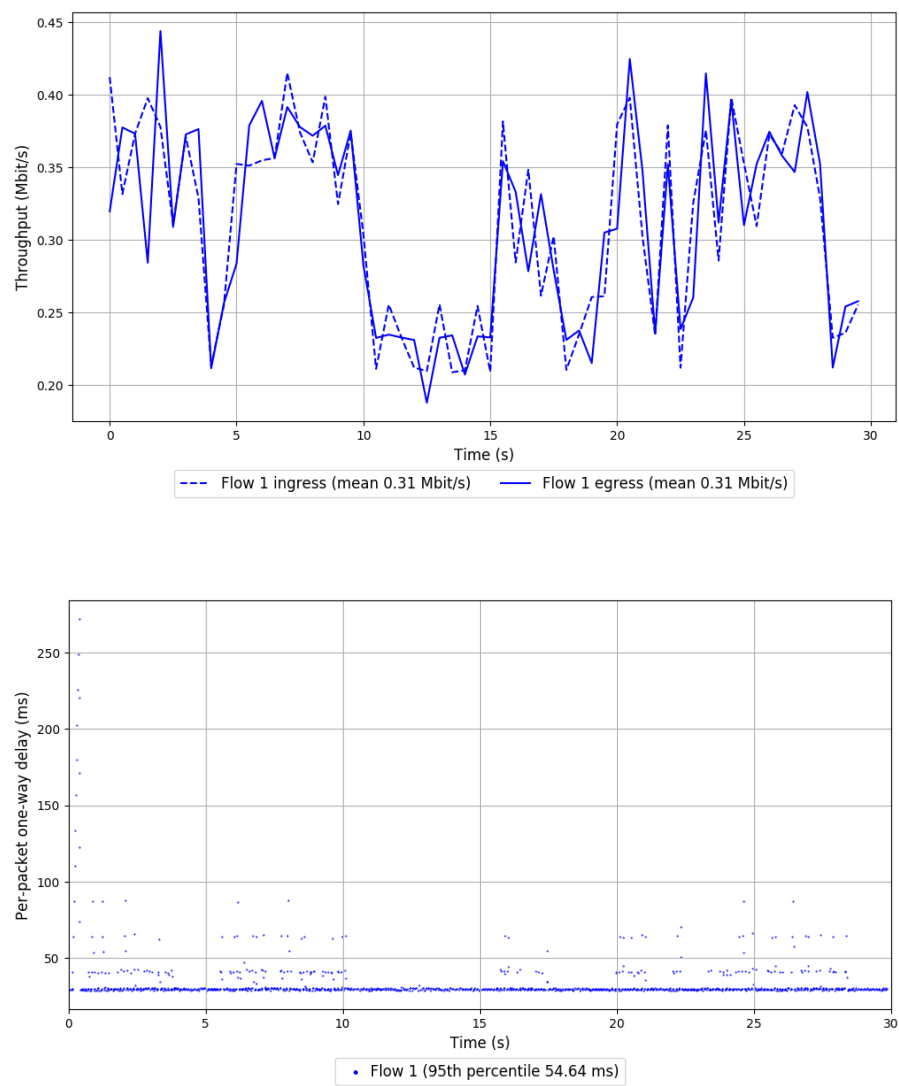
Run 7: Report of Sprout — Data Link

```
Run 8: Statistics of Sprout

Start at: Tue, 01 Aug 2017 00:15:19 +0000
End at: Tue, 01 Aug 2017 00:15:49 +0000
Local clock offset: 1.73 ms
Remote clock offset: 5.393 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 54.639 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 54.639 ms
Loss rate: 0.25%
```
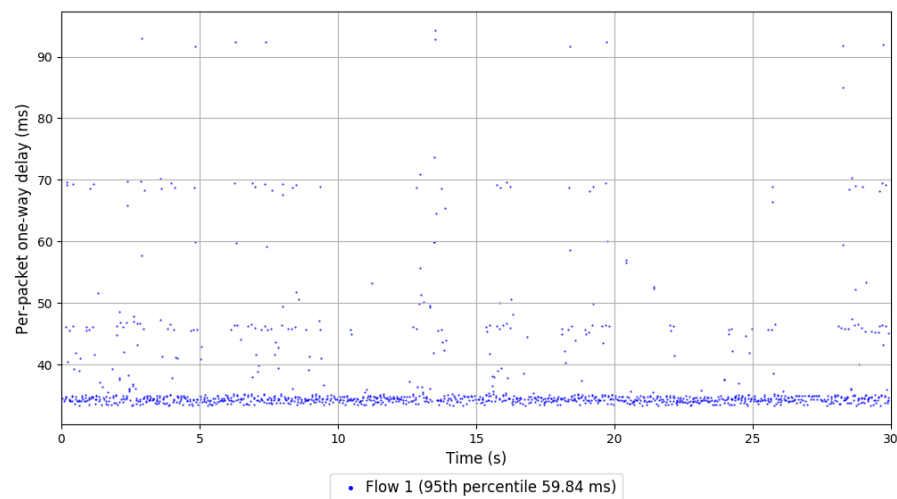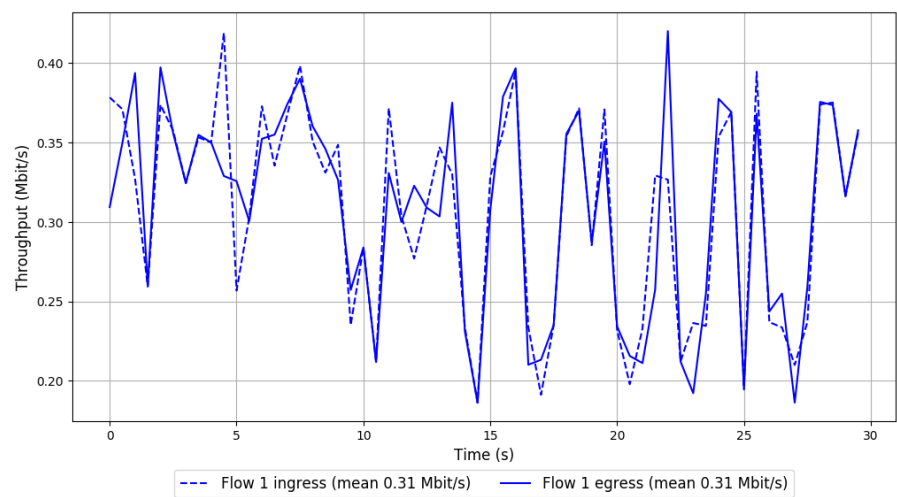
Run 8: Report of Sprout — Data Link

```
Run 9: Statistics of Sprout

Start at: Tue, 01 Aug 2017 00:32:42 +0000
End at: Tue, 01 Aug 2017 00:33:12 +0000
Local clock offset: 0.754 ms
Remote clock offset: 4.509 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 59.841 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 59.841 ms
Loss rate: 0.00%
```
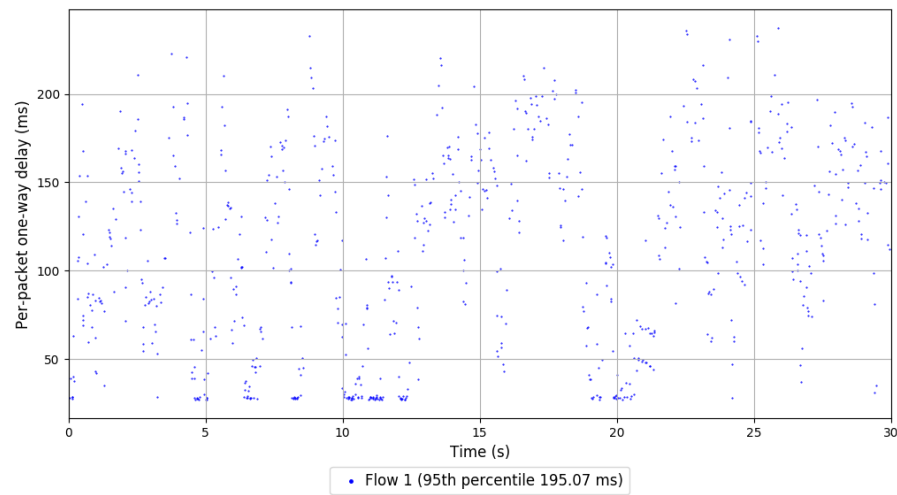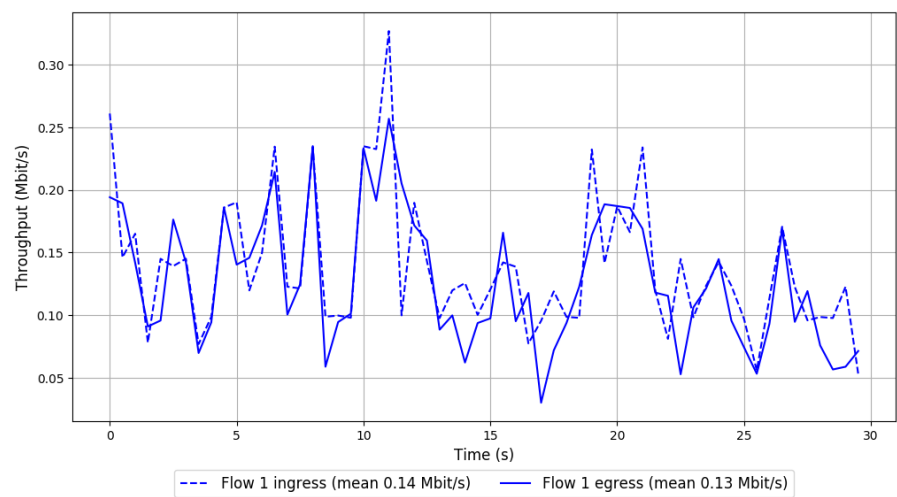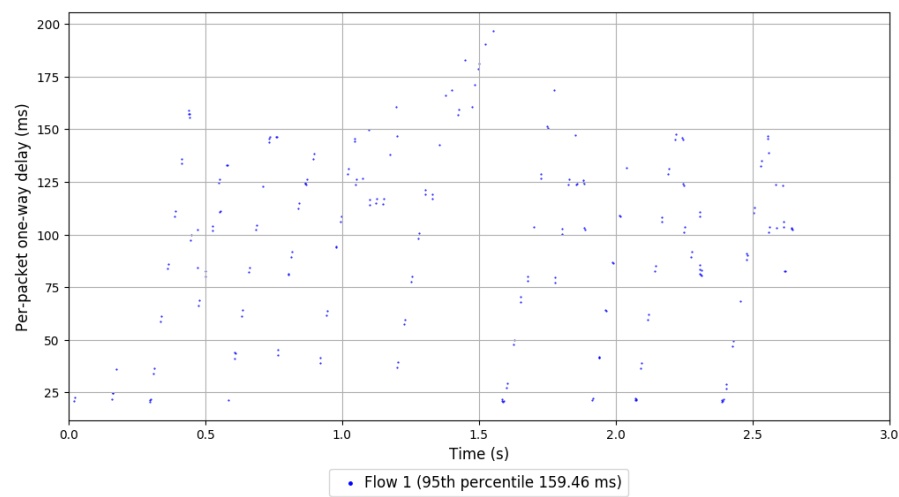
Run 9: Report of Sprout — Data Link

Flow 1 ingress (mean 0.31 Mbit/s)   Flow 1 egress (mean 0.31 Mbit/s)

Flow 1 (95th percentile 59.84 ms)

```
Run 10: Statistics of Sprout

Start at: Tue, 01 Aug 2017 00:50:32 +0000
End at: Tue, 01 Aug 2017 00:51:02 +0000
Local clock offset: -1.213 ms
Remote clock offset: -3.821 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 195.069 ms
Loss rate: 7.89%
-- Flow 1:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 195.069 ms
Loss rate: 7.89%
```

Run 10: Report of Sprout — Data Link

Run 1: Statistics of TaoVA-100x

Start at: Mon, 31 Jul 2017 22:14:32 +0000
End at: Mon, 31 Jul 2017 22:15:02 +0000
Local clock offset: -1.649 ms
Remote clock offset: -11.609 ms

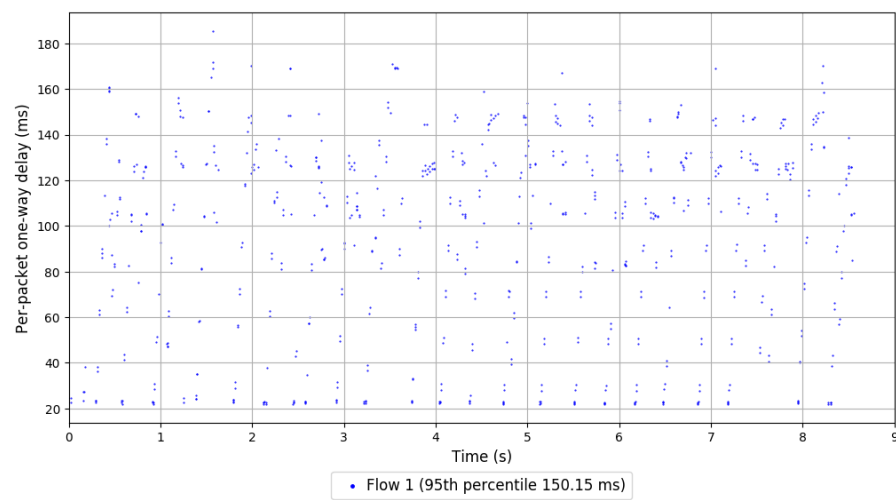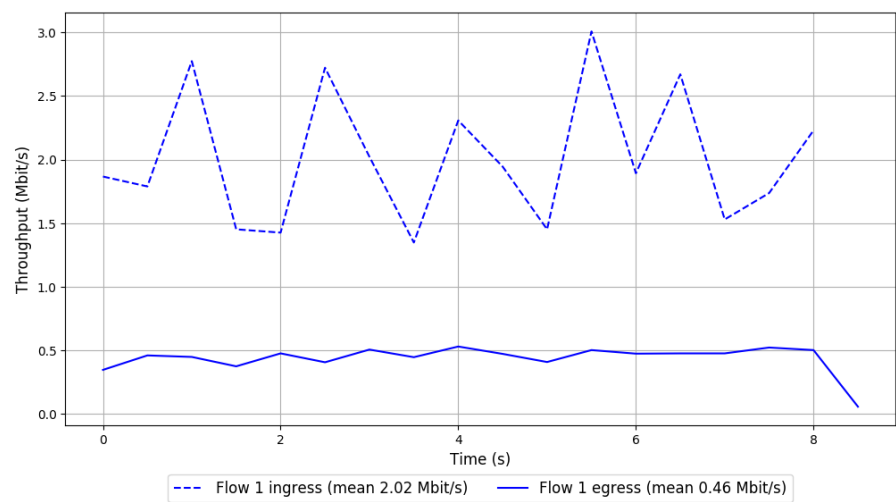# Run 1: Report of TaoVA-100x — Data Link

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

Start at: Mon, 31 Jul 2017 22:32:18 +0000
End at: Mon, 31 Jul 2017 22:32:48 +0000
Local clock offset: -2.309 ms
Remote clock offset: -10.193 ms
```

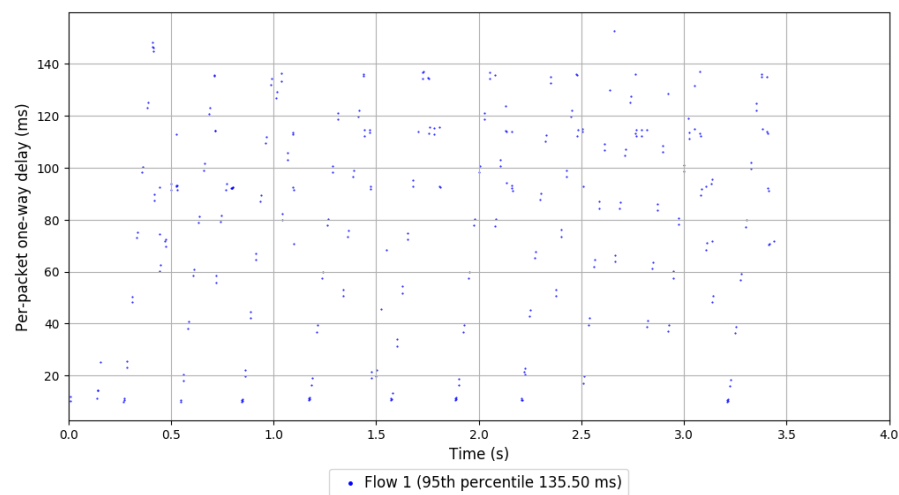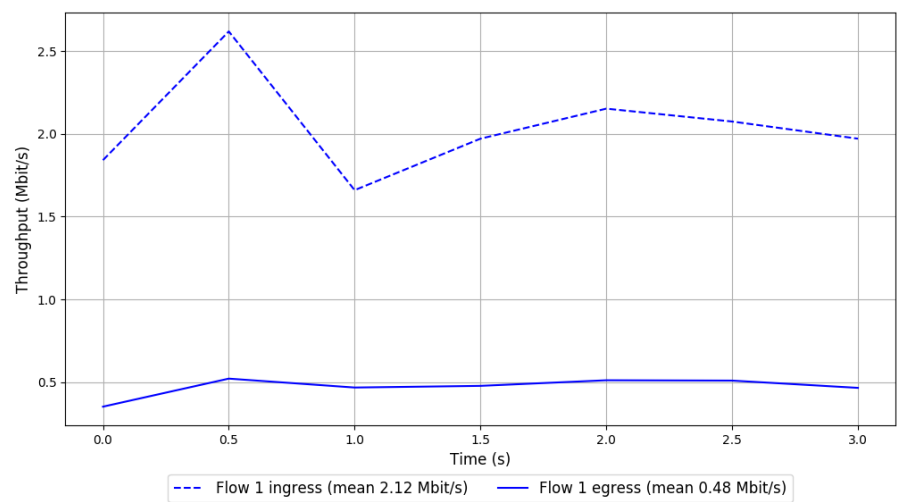# Run 2: Report of TaoVA-100x — Data Link

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

Start at: Mon, 31 Jul 2017 22:50:07 +0000
End at: Mon, 31 Jul 2017 22:50:37 +0000
Local clock offset: 3.555 ms
Remote clock offset: -10.963 ms
```

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

Flow 1 ingress (mean 2.12 Mbit/s)   Flow 1 egress (mean 0.48 Mbit/s)

• Flow 1 (95th percentile 135.50 ms)

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

Start at: Mon, 31 Jul 2017 23:07:43 +0000
End at: Mon, 31 Jul 2017 23:08:13 +0000
Local clock offset: -2.161 ms
Remote clock offset: 5.792 ms
```
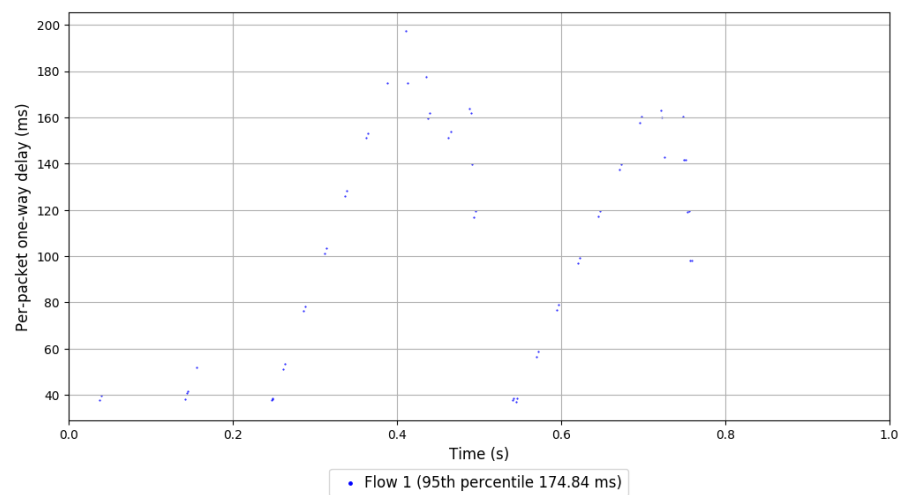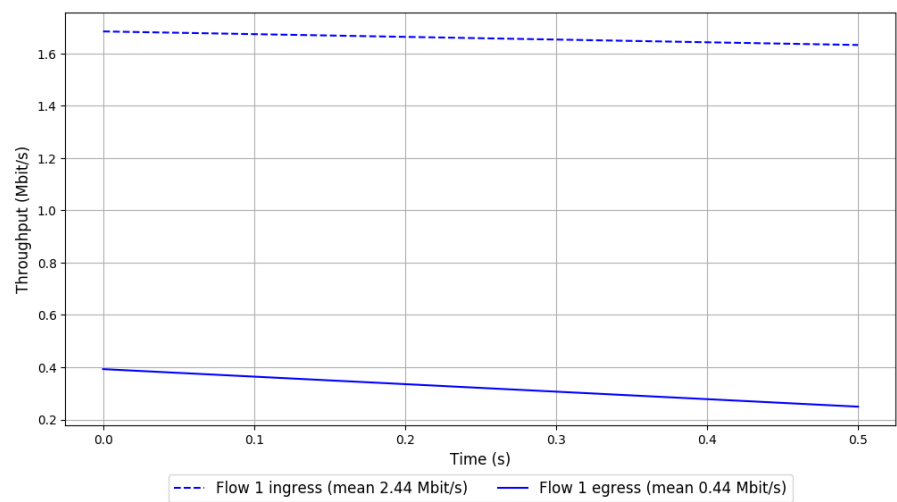
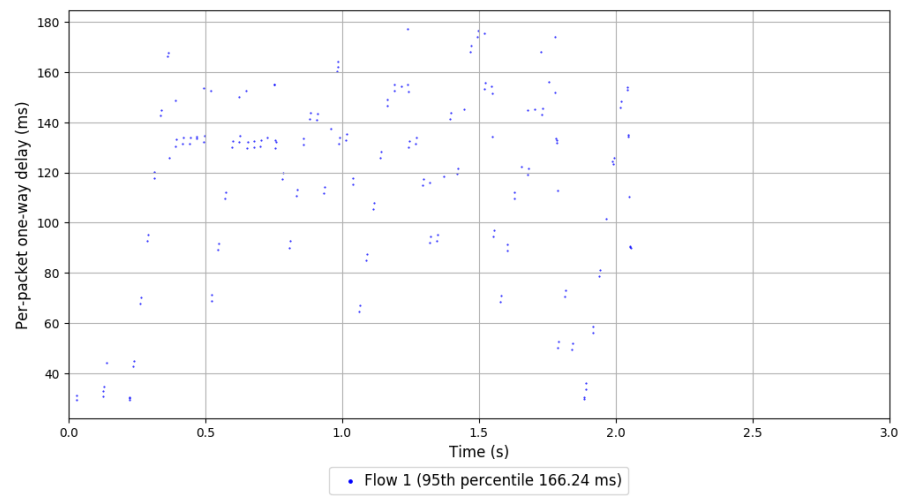# Run 4: Report of TaoVA-100x — Data Link

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

Start at: Mon, 31 Jul 2017 23:25:37 +0000
End at: Mon, 31 Jul 2017 23:26:07 +0000
Local clock offset: 0.905 ms
Remote clock offset: 5.847 ms
```
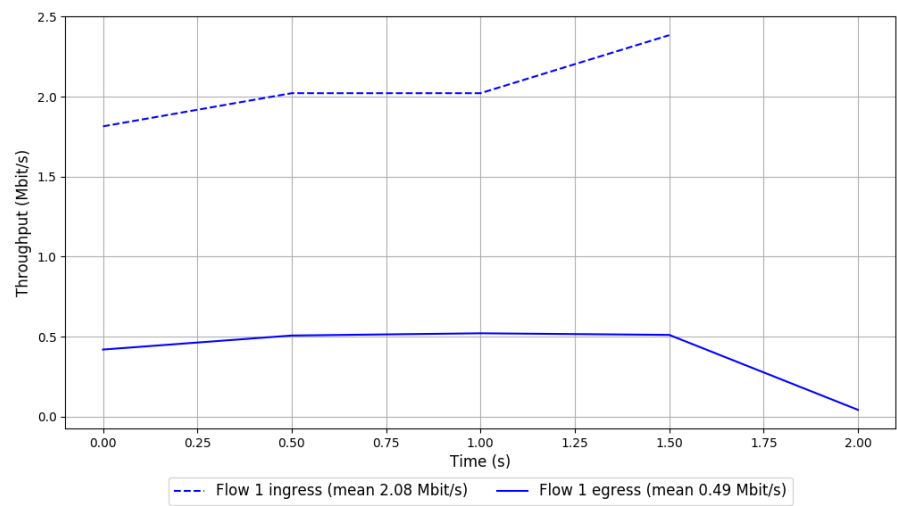
Run 5: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 2.08 Mbit/s)   Flow 1 egress (mean 0.49 Mbit/s)

Flow 1 (95th percentile 166.24 ms)
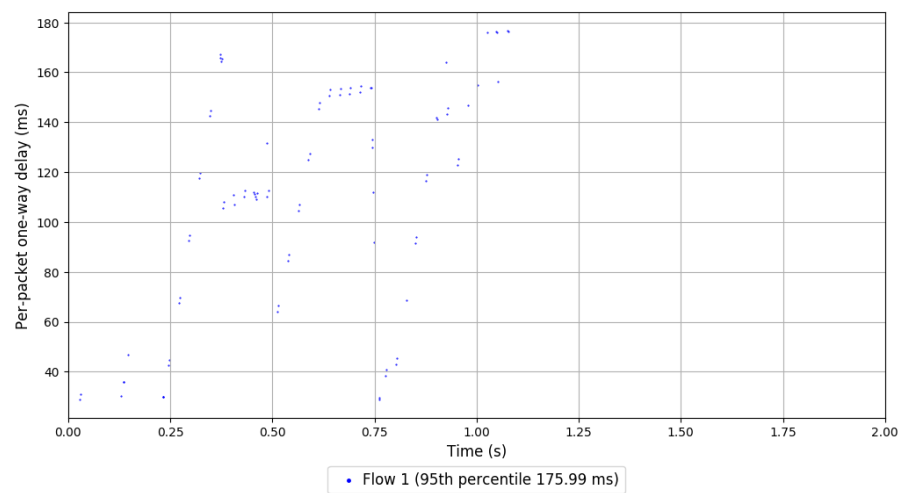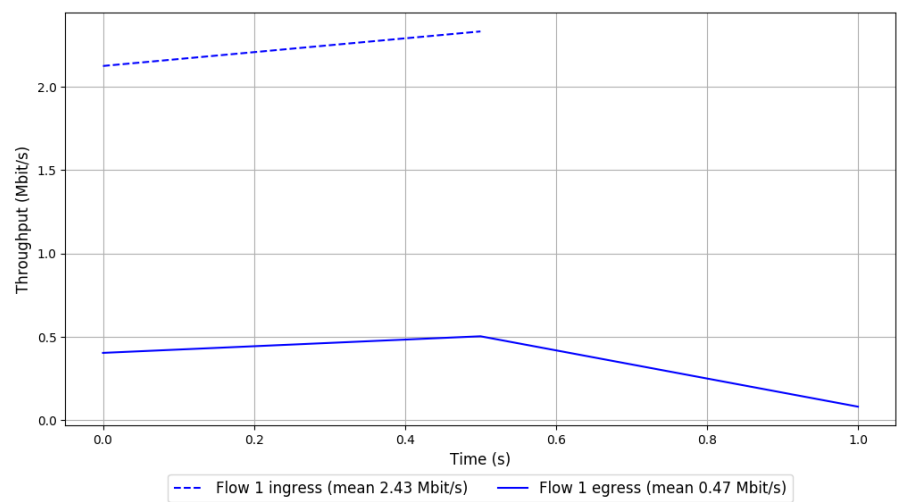
```
Run 6: Statistics of TaoVA-100x

Start at: Mon, 31 Jul 2017 23:43:02 +0000
End at: Mon, 31 Jul 2017 23:43:32 +0000
Local clock offset: 1.213 ms
Remote clock offset: 5.52 ms
```

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

Flow 1 ingress (mean 2.43 Mbit/s) --- Flow 1 egress (mean 0.47 Mbit/s)

• Flow 1 (95th percentile 175.99 ms)
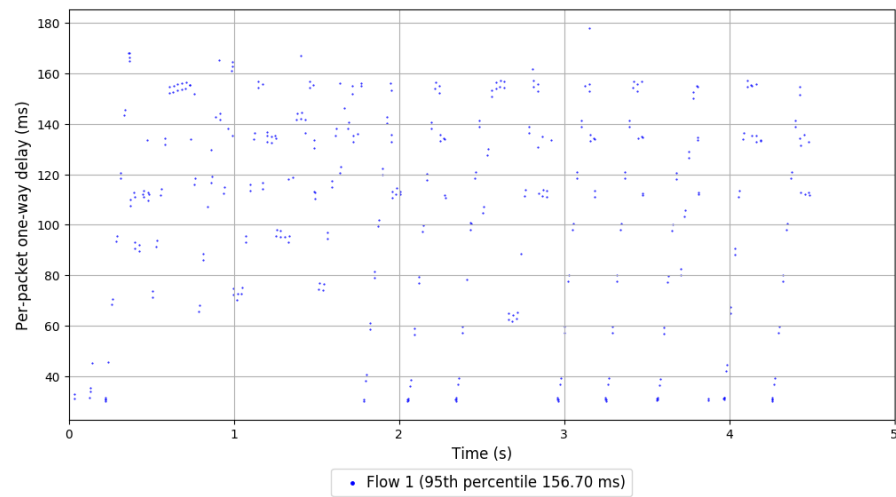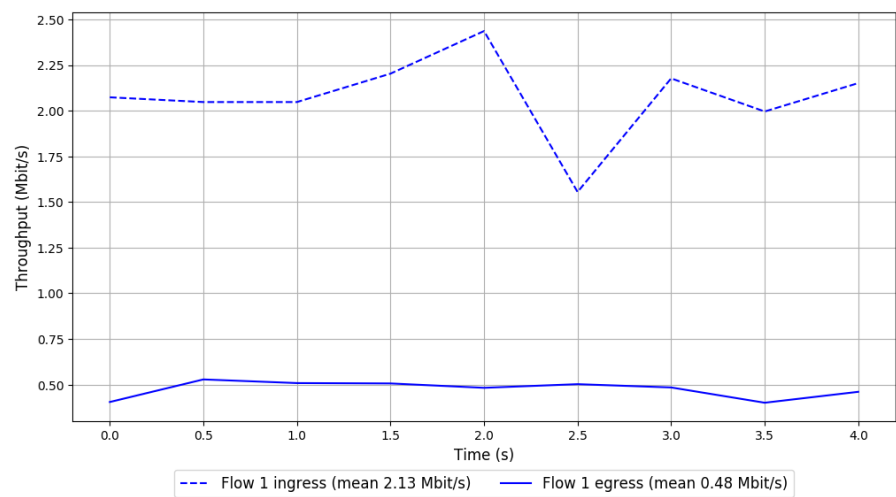
Run 7: Statistics of TaoVA-100x

Start at: Tue, 01 Aug 2017 00:00:26 +0000
End at: Tue, 01 Aug 2017 00:00:56 +0000
Local clock offset: -0.158 ms
Remote clock offset: 5.18 ms

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

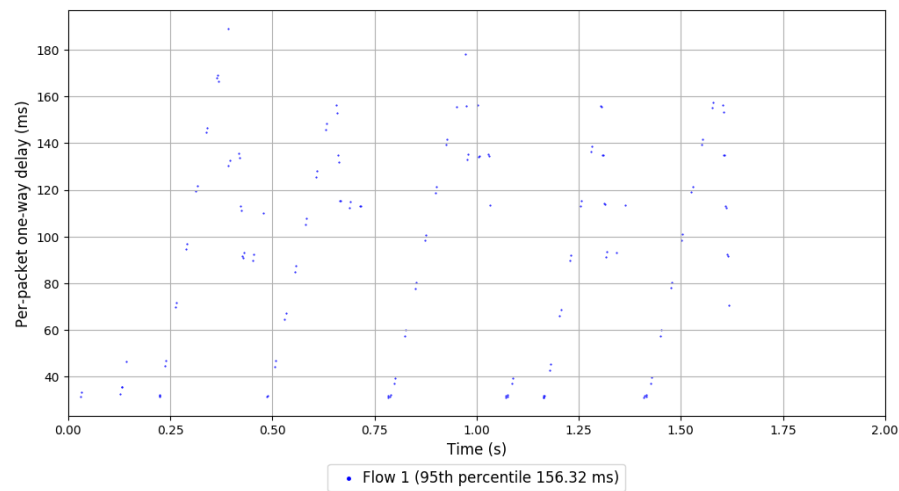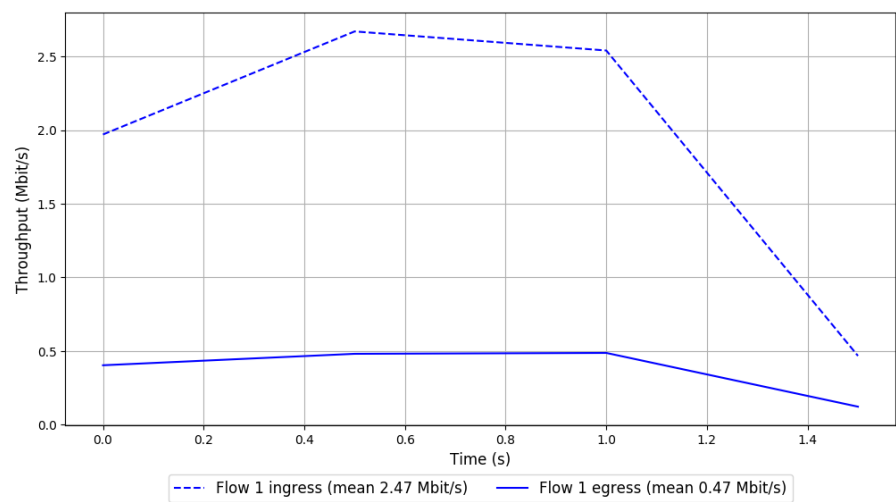

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Run 8: Statistics of TaoVA-100x

Start at: Tue, 01 Aug 2017 00:17:48 +0000
End at: Tue, 01 Aug 2017 00:18:18 +0000
Local clock offset: 2.321 ms
Remote clock offset: 8.109 ms

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

Flow 1 ingress (mean 2.47 Mbit/s)   Flow 1 egress (mean 0.47 Mbit/s)

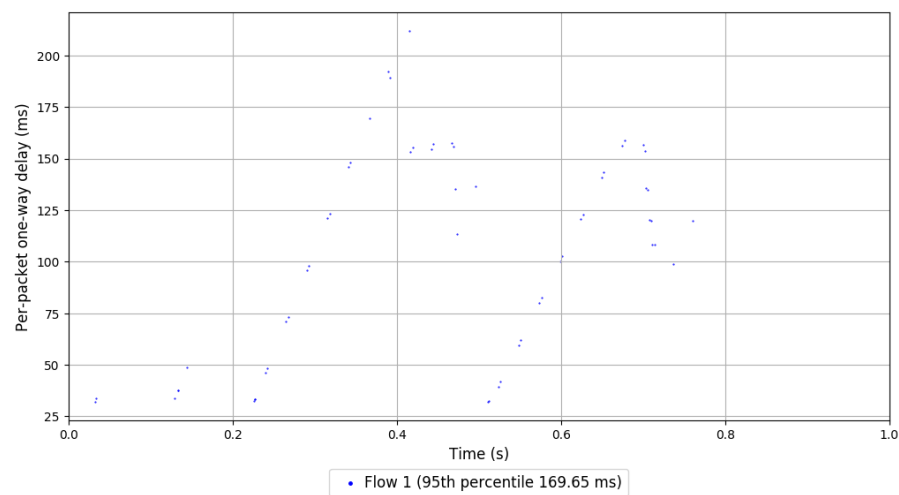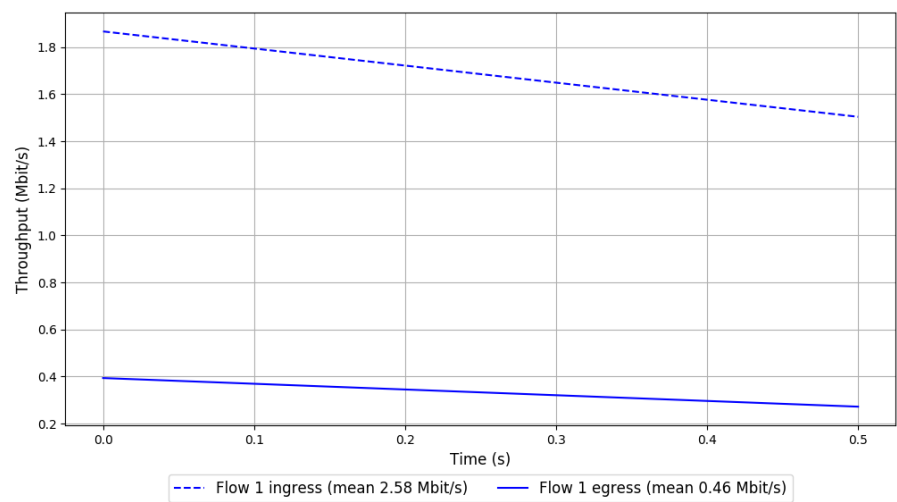Flow 1 (95th percentile 156.32 ms)

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

Start at: Tue, 01 Aug 2017 00:35:12 +0000
End at: Tue, 01 Aug 2017 00:35:42 +0000
Local clock offset: -1.336 ms
Remote clock offset: 6.098 ms
```

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

Flow 1 ingress (mean 2.58 Mbit/s)   Flow 1 egress (mean 0.46 Mbit/s)

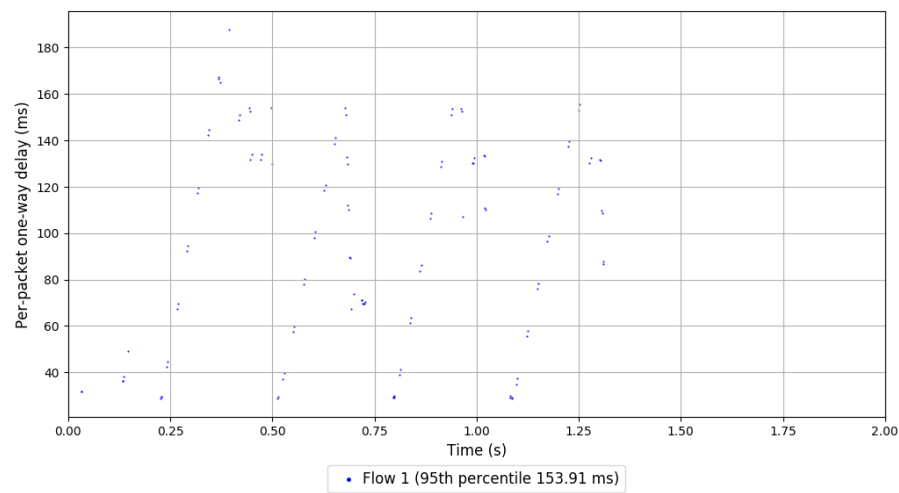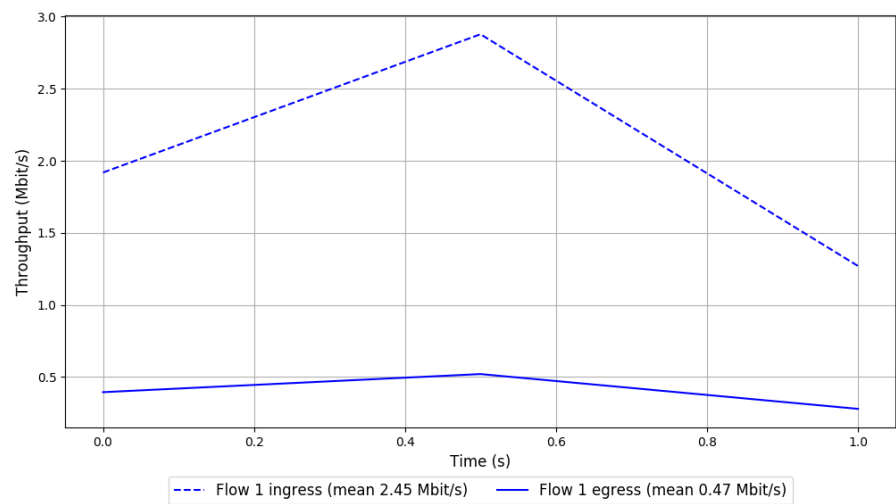Flow 1 (95th percentile 169.65 ms)

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

Start at: Tue, 01 Aug 2017 00:53:11 +0000
End at: Tue, 01 Aug 2017 00:53:41 +0000
Local clock offset: 1.07 ms
Remote clock offset: 4.822 ms
```

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

Flow 1 ingress (mean 2.45 Mbit/s) --- Flow 1 egress (mean 0.47 Mbit/s)

Flow 1 (95th percentile 153.91 ms)

```
Run 1: Statistics of TCP Vegas

Start at: Mon, 31 Jul 2017 22:17:03 +0000
End at: Mon, 31 Jul 2017 22:17:33 +0000
Local clock offset: -0.254 ms
Remote clock offset: -10.868 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 193.383 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 193.383 ms
Loss rate: 1.23%
```
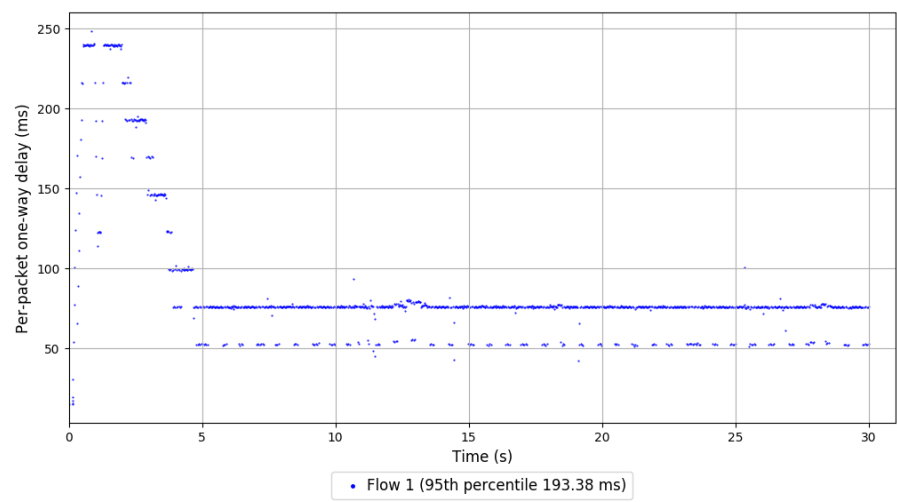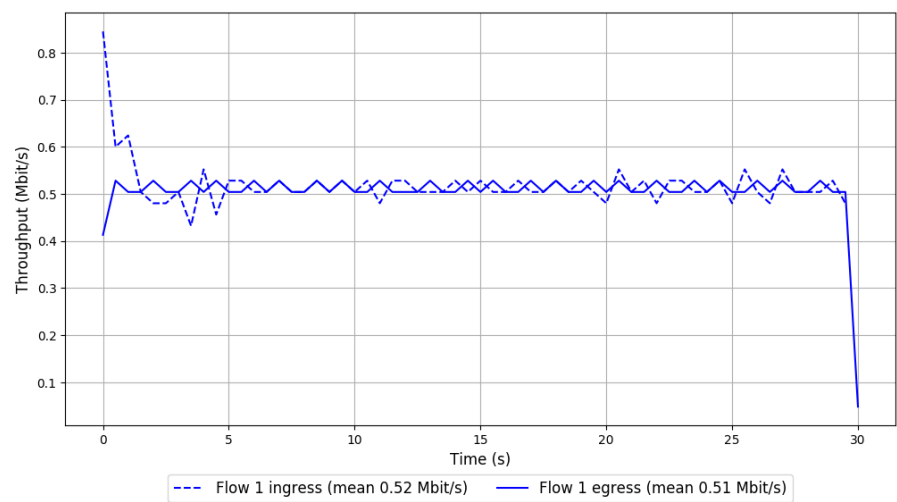
Run 1: Report of TCP Vegas — Data Link

```
Run 2: Statistics of TCP Vegas

Start at: Mon, 31 Jul 2017 22:34:49 +0000
End at: Mon, 31 Jul 2017 22:35:19 +0000
Local clock offset: 2.406 ms
Remote clock offset: -10.627 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 164.637 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 164.637 ms
Loss rate: 1.09%
```
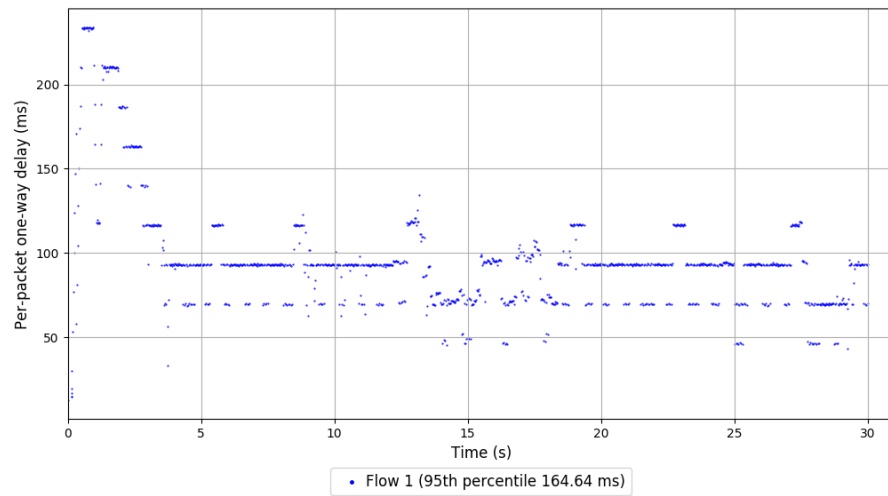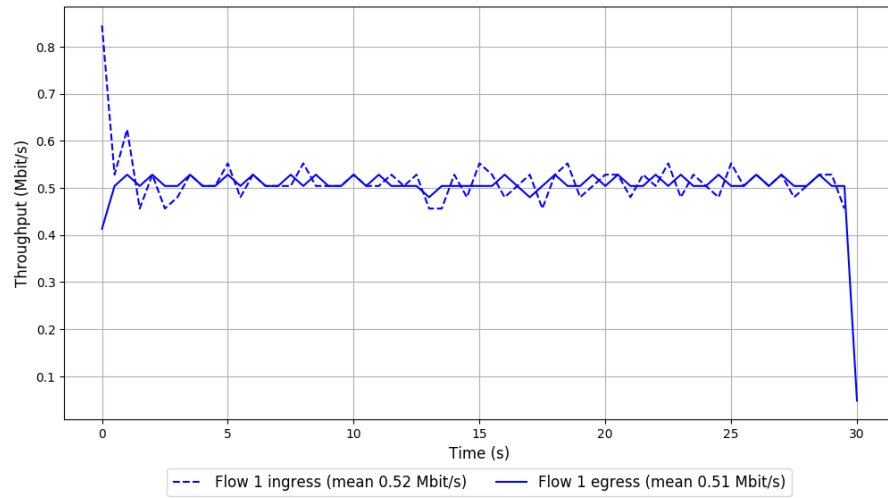
Run 2: Report of TCP Vegas — Data Link

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

Flow 1 (95th percentile 164.64 ms)

```
Run 3: Statistics of TCP Vegas

Start at: Mon, 31 Jul 2017 22:52:37 +0000
End at: Mon, 31 Jul 2017 22:53:07 +0000
Local clock offset: 1.489 ms
Remote clock offset: -10.932 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 117.037 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 117.037 ms
Loss rate: 1.16%
```
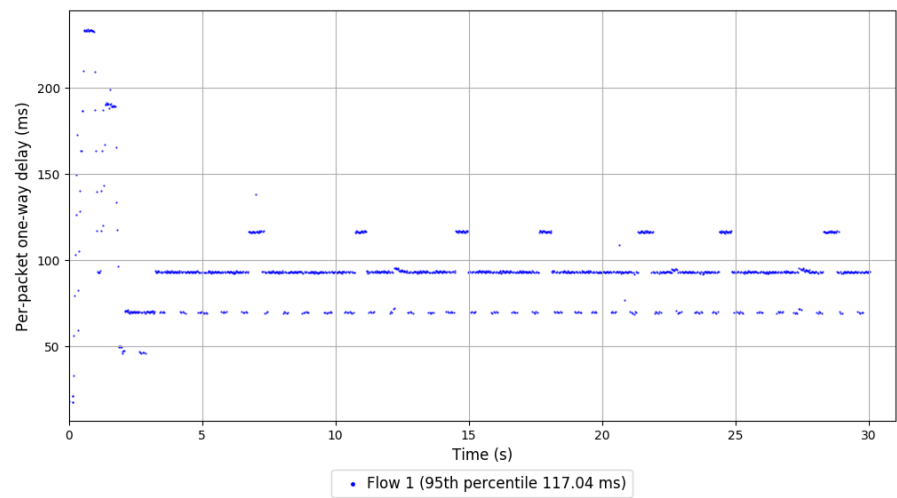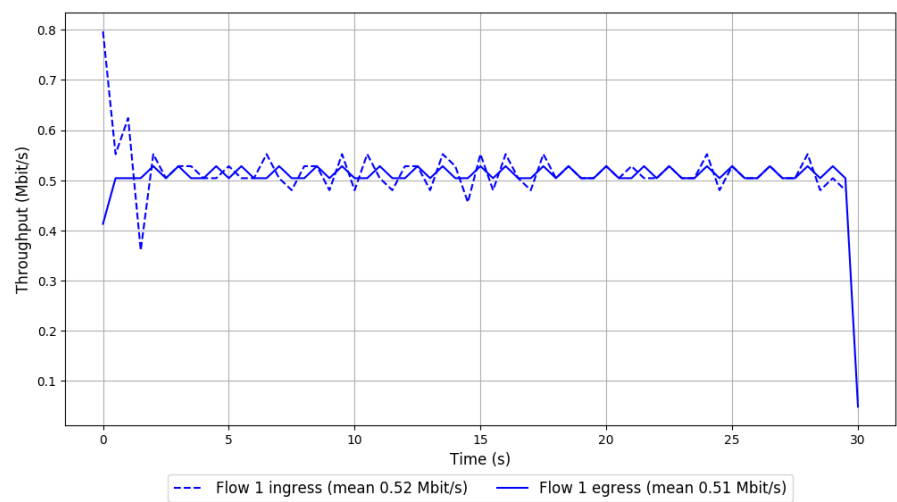
Run 3: Report of TCP Vegas — Data Link

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

• Flow 1 (95th percentile 117.04 ms)

```
Run 4: Statistics of TCP Vegas

Start at: Mon, 31 Jul 2017 23:10:10 +0000
End at: Mon, 31 Jul 2017 23:10:40 +0000
Local clock offset: -2.314 ms
Remote clock offset: 6.073 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 128.738 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 128.738 ms
Loss rate: 0.62%
```
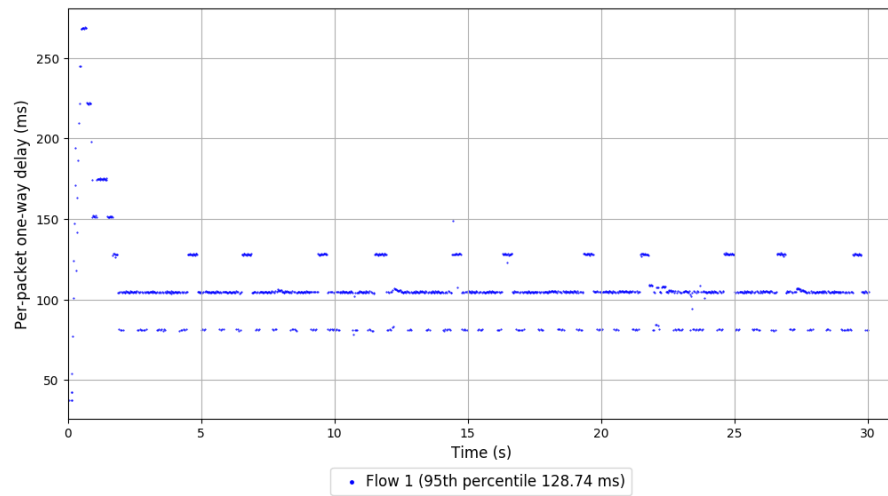
Run 4: Report of TCP Vegas — Data Link

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

Flow 1 (95th percentile 128.74 ms)

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```
Run 5: Statistics of TCP Vegas

Start at: Mon, 31 Jul 2017 23:28:04 +0000
End at: Mon, 31 Jul 2017 23:28:34 +0000
Local clock offset: 1.116 ms
Remote clock offset: 6.778 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 125.598 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 125.598 ms
Loss rate: 0.70%
```
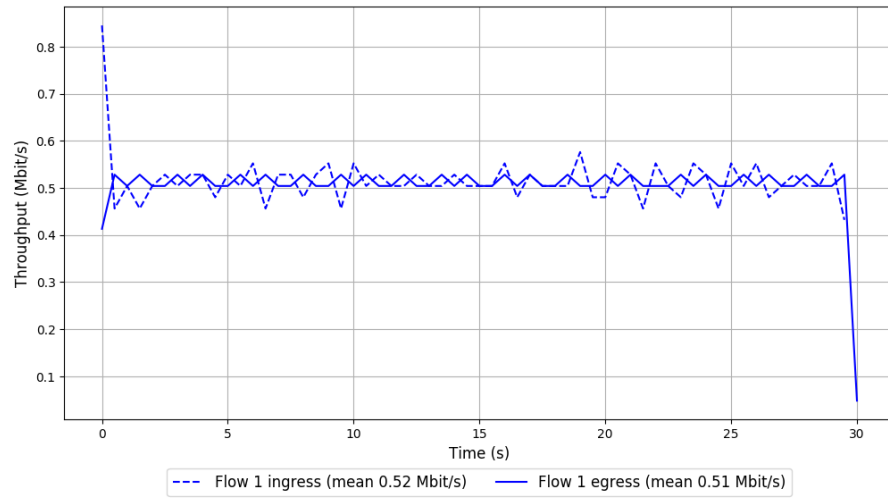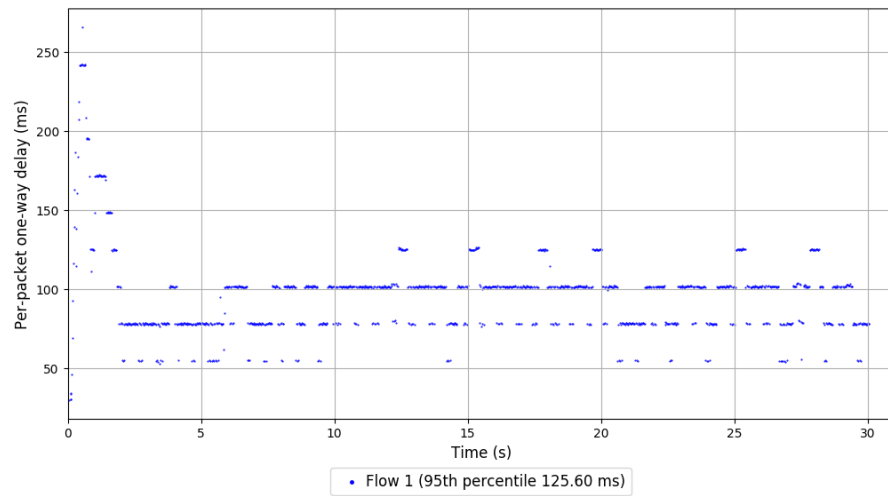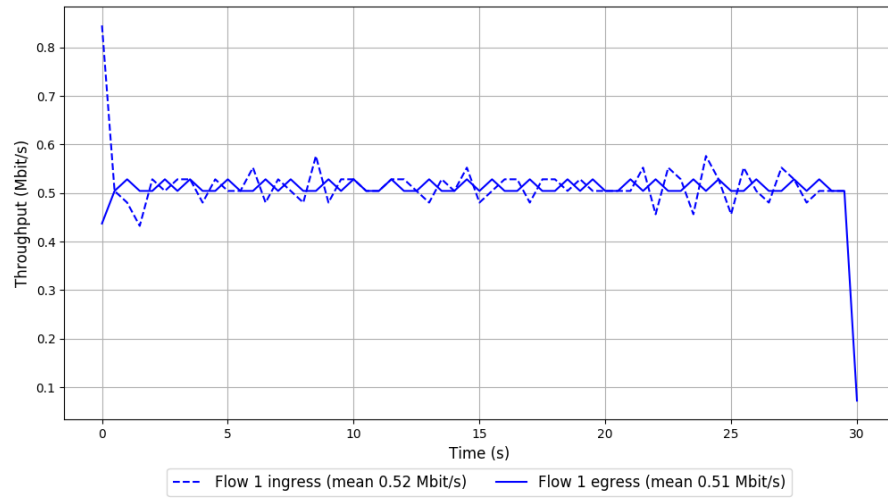
Run 5: Report of TCP Vegas — Data Link

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

Flow 1 (95th percentile 125.60 ms)

```
Run 6: Statistics of TCP Vegas

Start at: Mon, 31 Jul 2017 23:45:30 +0000
End at: Mon, 31 Jul 2017 23:46:00 +0000
Local clock offset: 1.955 ms
Remote clock offset: 5.414 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 213.184 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 213.184 ms
Loss rate: 1.16%
```
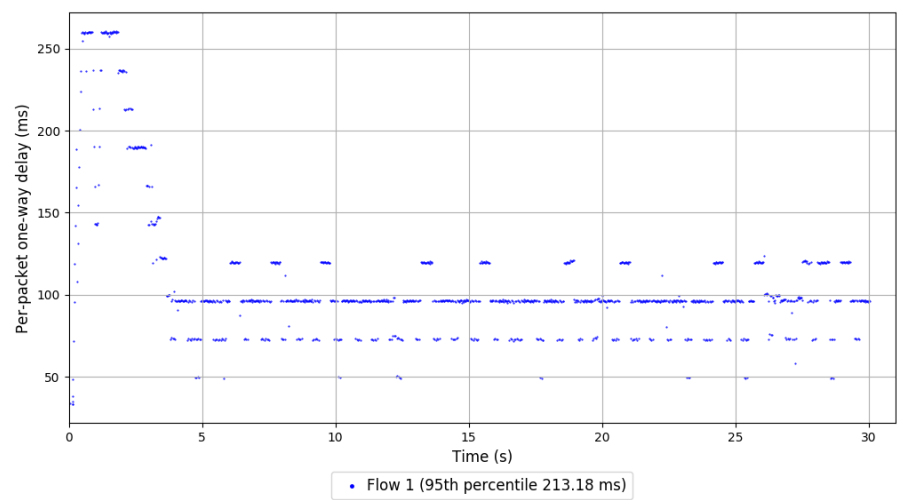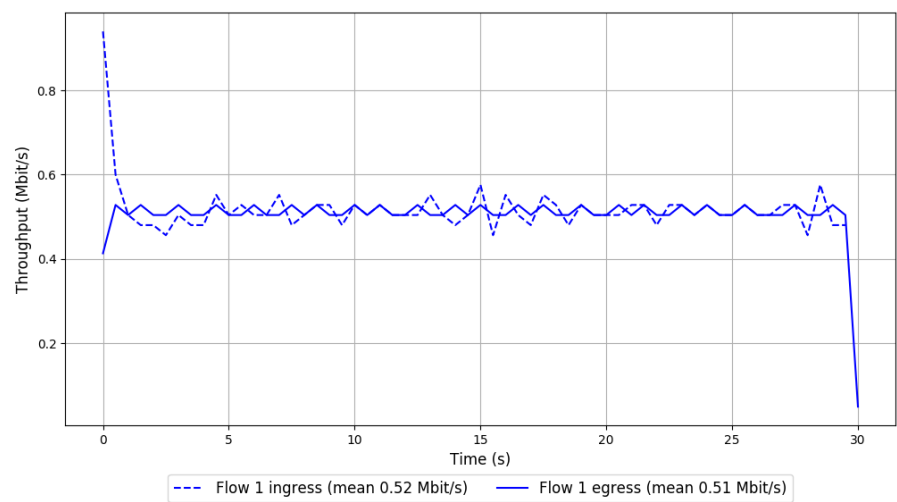
Run 6: Report of TCP Vegas — Data Link

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

Flow 1 (95th percentile 213.18 ms)

```
Run 7: Statistics of TCP Vegas

Start at: Tue, 01 Aug 2017 00:02:54 +0000
End at: Tue, 01 Aug 2017 00:03:24 +0000
Local clock offset: 0.479 ms
Remote clock offset: 4.895 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 125.193 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 125.193 ms
Loss rate: 1.16%
```
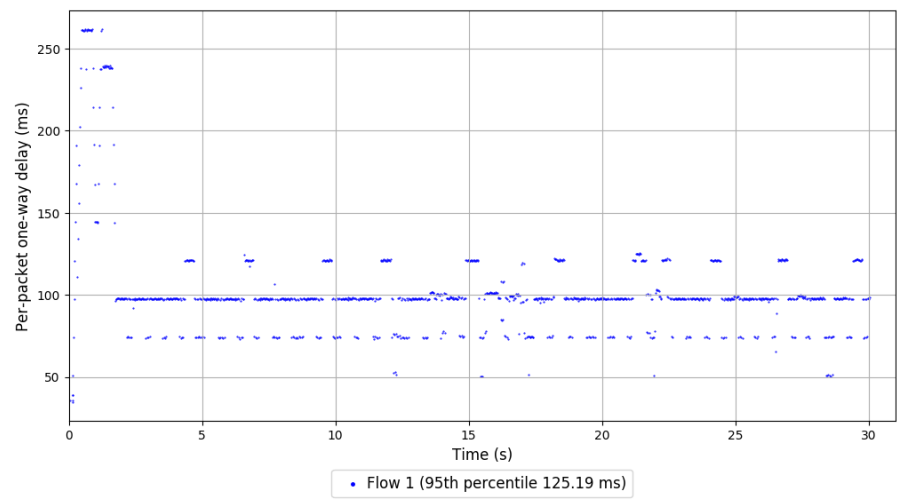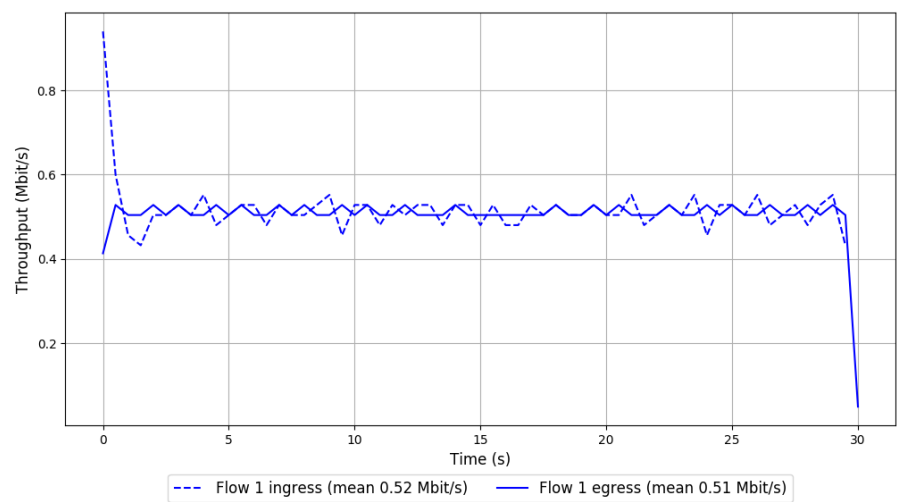
Run 7: Report of TCP Vegas — Data Link

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

Flow 1 (95th percentile 125.19 ms)

```
Run 8: Statistics of TCP Vegas

Start at: Tue, 01 Aug 2017 00:20:17 +0000
End at: Tue, 01 Aug 2017 00:20:47 +0000
Local clock offset: -1.049 ms
Remote clock offset: 5.707 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 221.251 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 221.251 ms
Loss rate: 1.16%
```
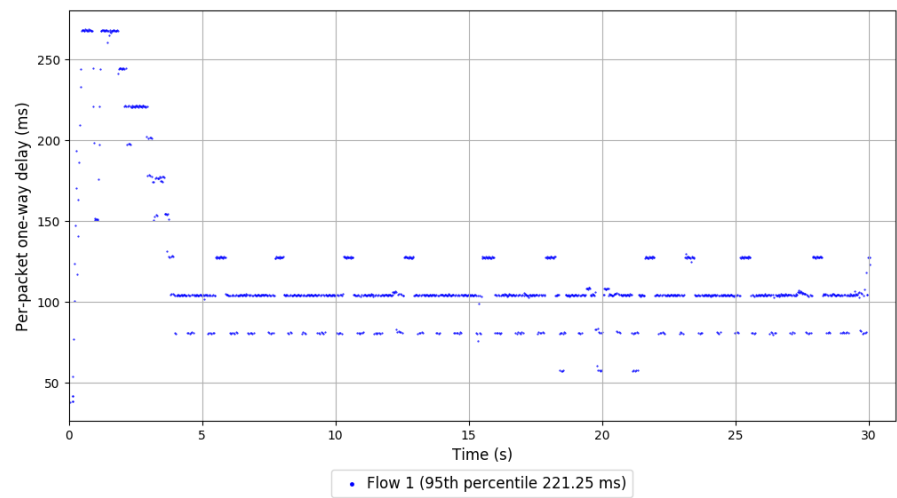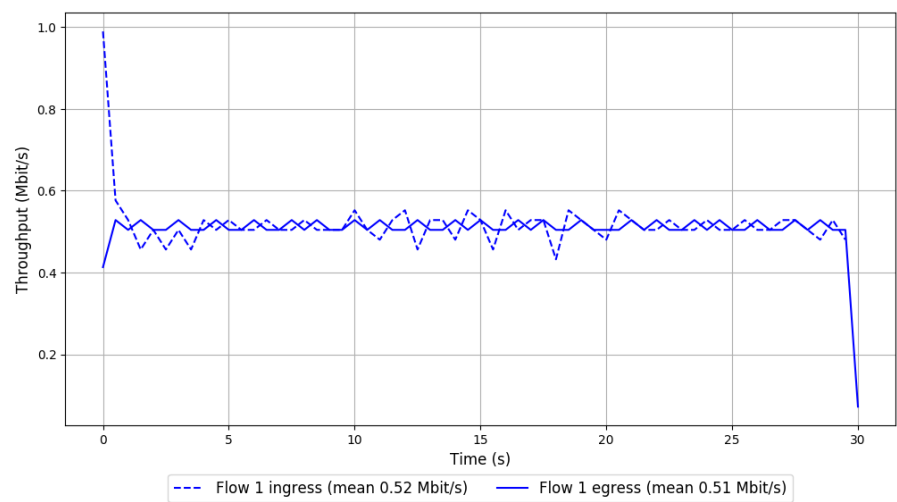
Run 8: Report of TCP Vegas — Data Link

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

Flow 1 (95th percentile 221.25 ms)

```
Run 9: Statistics of TCP Vegas

Start at: Tue, 01 Aug 2017 00:37:39 +0000
End at: Tue, 01 Aug 2017 00:38:09 +0000
Local clock offset: -0.556 ms
Remote clock offset: 5.355 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 195.567 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 195.567 ms
Loss rate: 1.00%
```
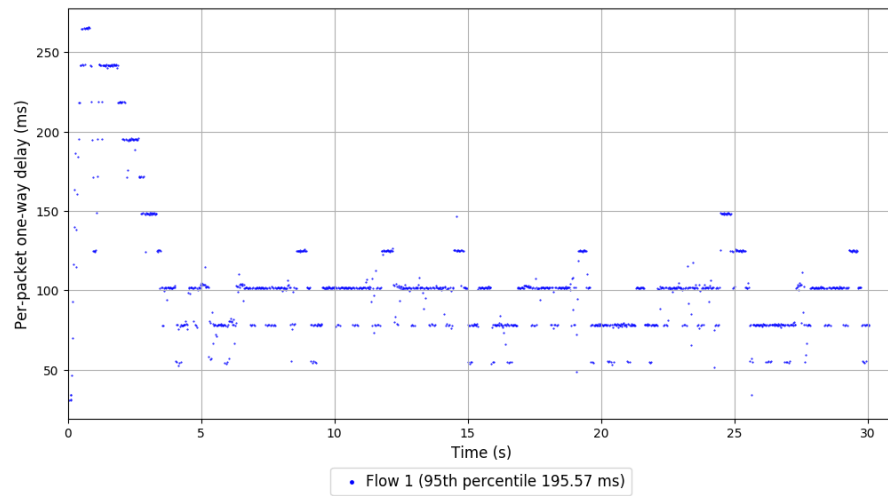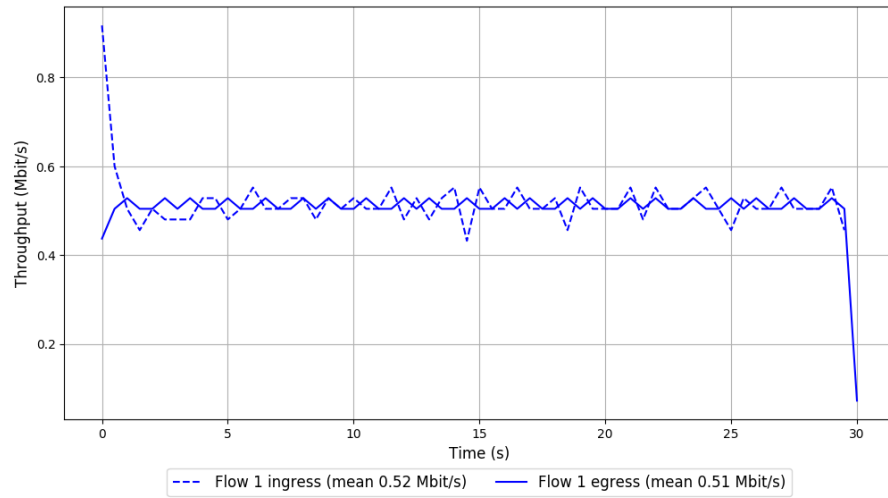
Run 9: Report of TCP Vegas — Data Link

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

Flow 1 (95th percentile 195.57 ms)

```
Run 10: Statistics of TCP Vegas

Start at: Tue, 01 Aug 2017 00:55:39 +0000
End at: Tue, 01 Aug 2017 00:56:09 +0000
Local clock offset: 1.526 ms
Remote clock offset: 5.525 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 194.467 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 194.467 ms
Loss rate: 1.00%
```
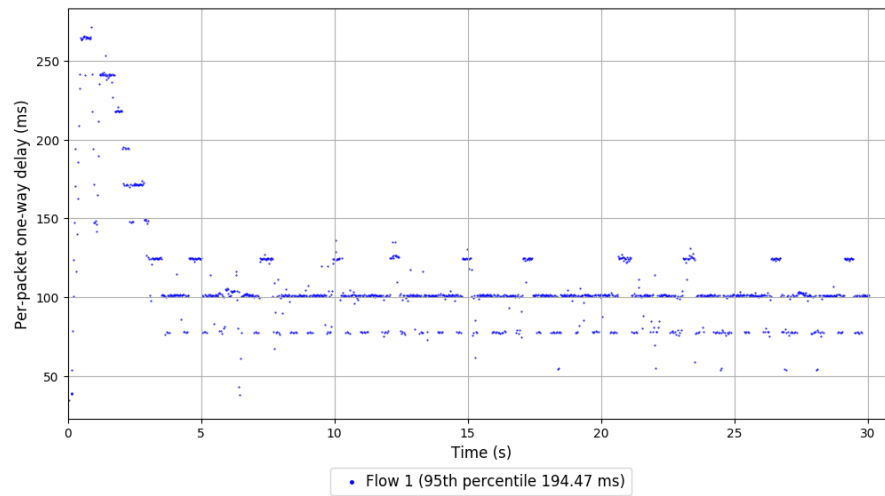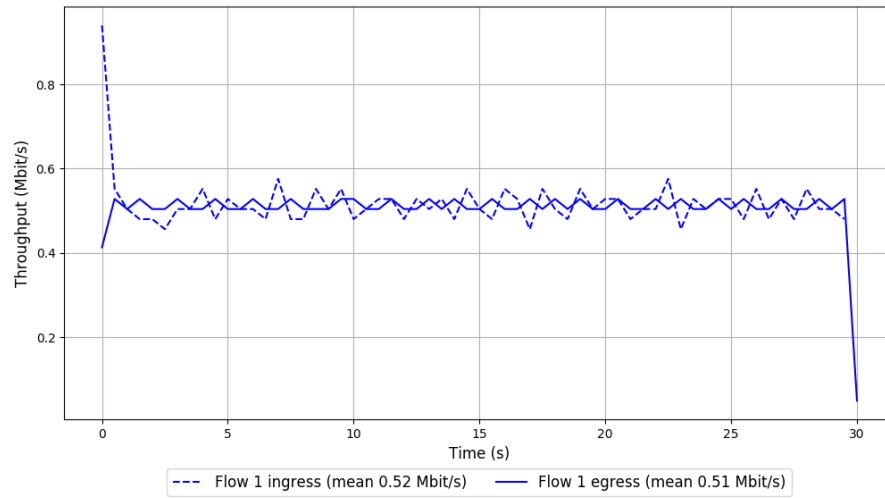
Run 10: Report of TCP Vegas — Data Link

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

Flow 1 (95th percentile 194.47 ms)

```
Run 1: Statistics of Verus

Start at: Mon, 31 Jul 2017 22:18:19 +0000
End at: Mon, 31 Jul 2017 22:18:49 +0000
Local clock offset: 3.36 ms
Remote clock offset: -11.043 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 245.947 ms
Loss rate: 19.34%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 245.947 ms
Loss rate: 19.34%
```
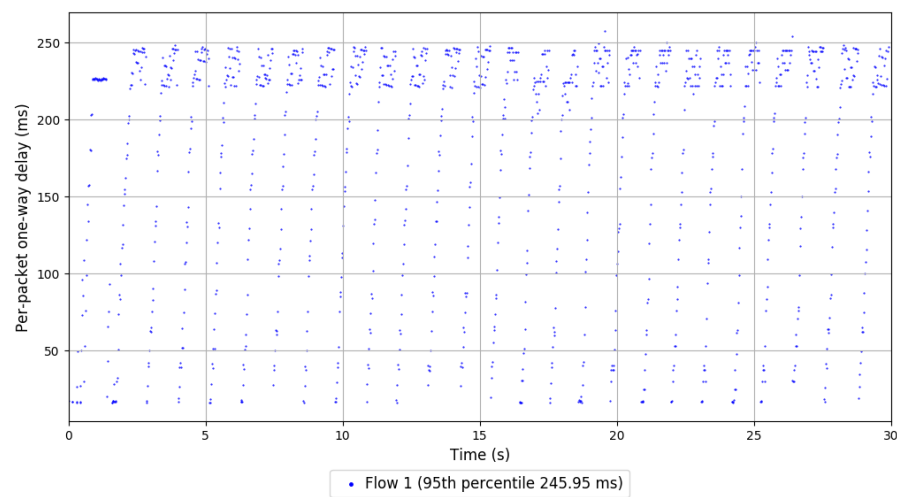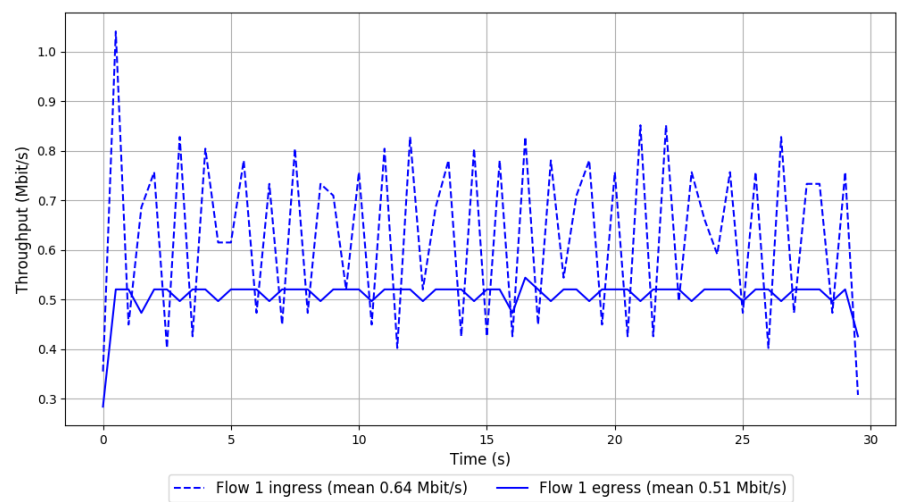
Run 1: Report of Verus — Data Link

```
Run 2: Statistics of Verus

Start at: Mon, 31 Jul 2017 22:36:05 +0000
End at: Mon, 31 Jul 2017 22:36:35 +0000
Local clock offset: 3.261 ms
Remote clock offset: -10.278 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 239.050 ms
Loss rate: 23.03%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 239.050 ms
Loss rate: 23.03%
```
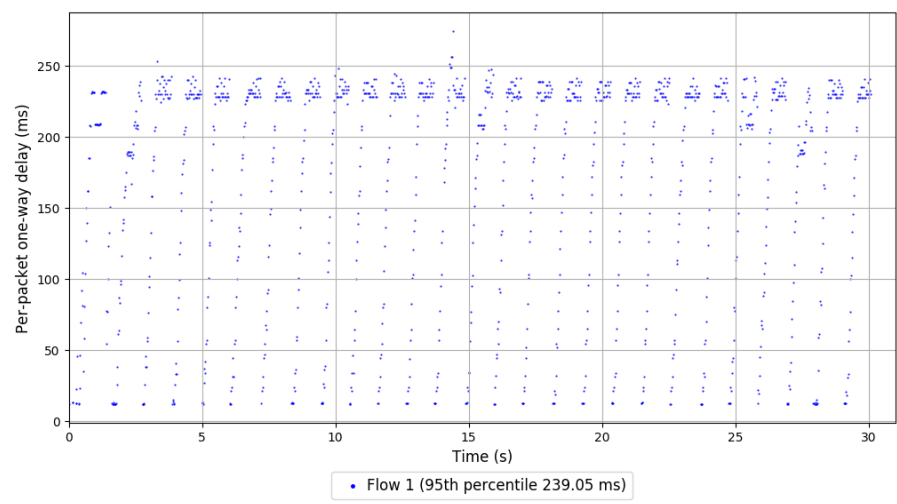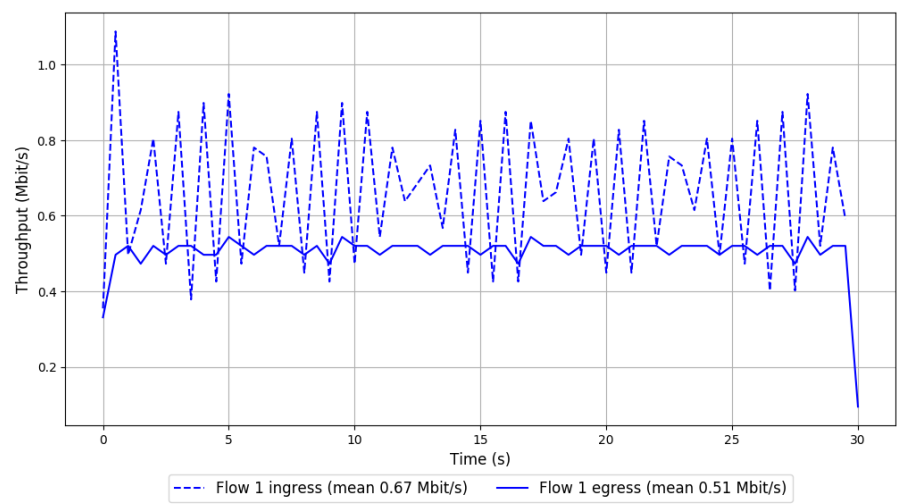
Run 2: Report of Verus — Data Link

Flow 1 ingress (mean 0.67 Mbit/s) ----- Flow 1 egress (mean 0.51 Mbit/s)

· Flow 1 (95th percentile 239.05 ms)

```
Run 3: Statistics of Verus

Start at: Mon, 31 Jul 2017 22:53:54 +0000
End at: Mon, 31 Jul 2017 22:54:24 +0000
Local clock offset: 2.604 ms
Remote clock offset: -10.632 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 242.494 ms
Loss rate: 19.59%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 242.494 ms
Loss rate: 19.59%
```
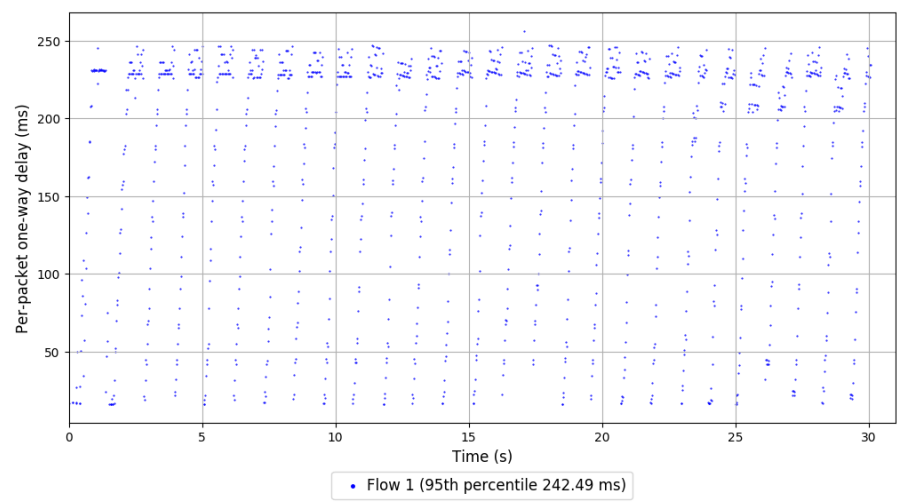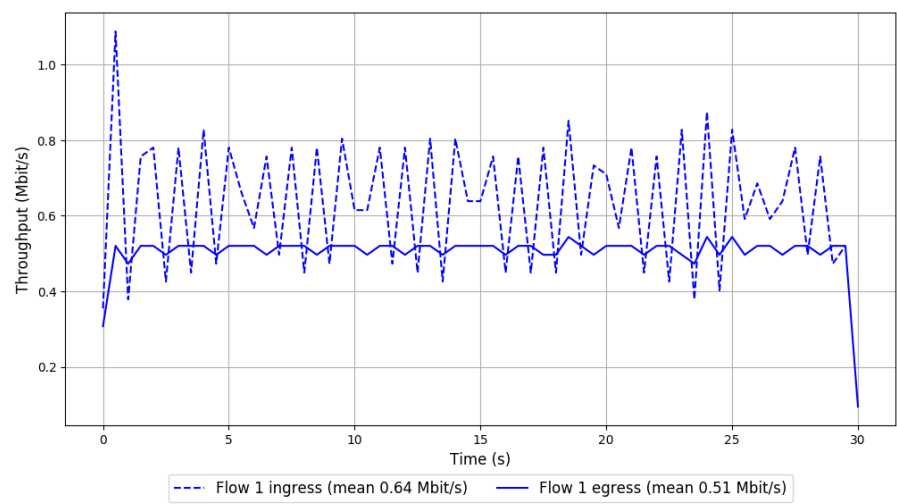
Run 3: Report of Verus — Data Link

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

Flow 1 (95th percentile 242.49 ms)

```
Run 4: Statistics of Verus

Start at: Mon, 31 Jul 2017 23:11:26 +0000
End at: Mon, 31 Jul 2017 23:11:56 +0000
Local clock offset: 2.697 ms
Remote clock offset: 6.282 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 257.718 ms
Loss rate: 18.50%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 257.718 ms
Loss rate: 18.50%
```
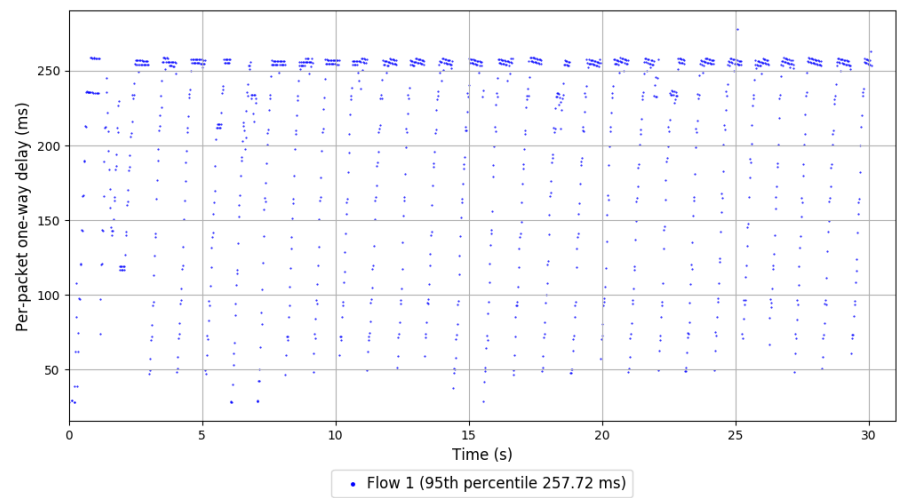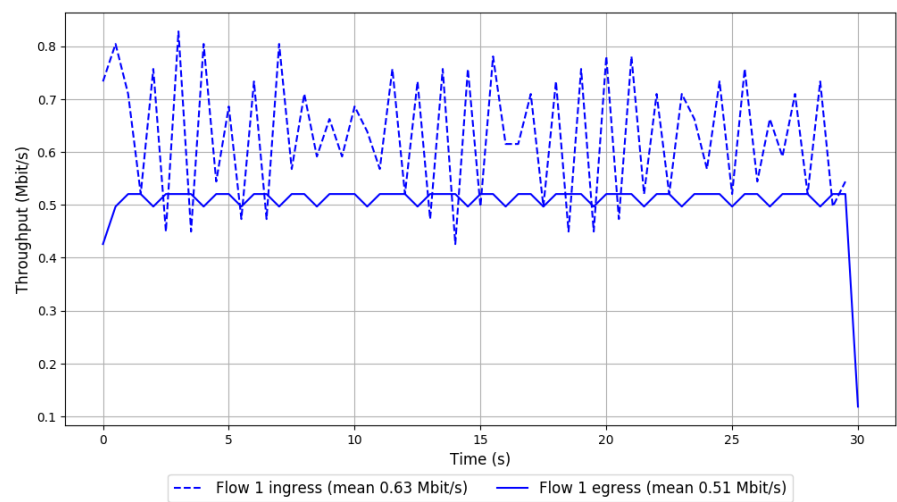
Run 4: Report of Verus — Data Link

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

• Flow 1 (95th percentile 257.72 ms)

```
Run 5: Statistics of Verus

Start at: Mon, 31 Jul 2017 23:29:19 +0000
End at: Mon, 31 Jul 2017 23:29:49 +0000
Local clock offset: 1.999 ms
Remote clock offset: 6.78 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 261.060 ms
Loss rate: 18.51%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 261.060 ms
Loss rate: 18.51%
```
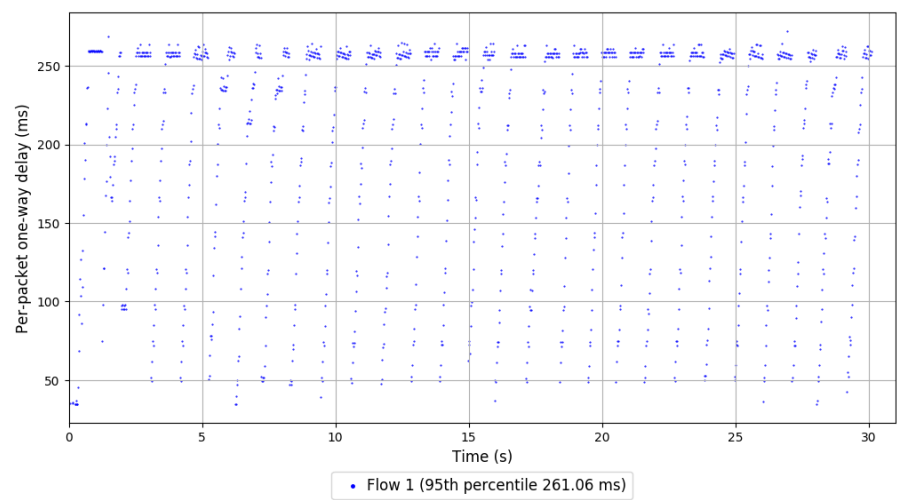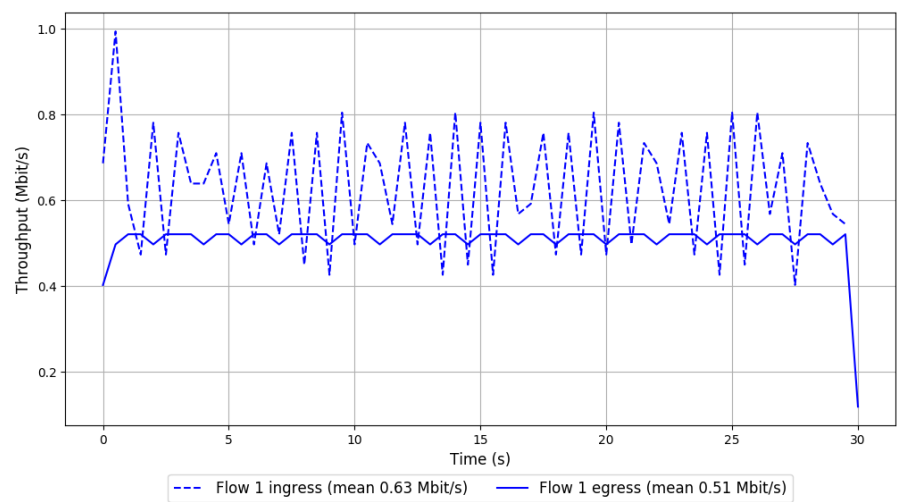
Run 5: Report of Verus — Data Link

```
Run 6: Statistics of Verus

Start at: Mon, 31 Jul 2017 23:46:44 +0000
End at: Mon, 31 Jul 2017 23:47:14 +0000
Local clock offset: -0.255 ms
Remote clock offset: 5.269 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 257.375 ms
Loss rate: 19.39%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 257.375 ms
Loss rate: 19.39%
```
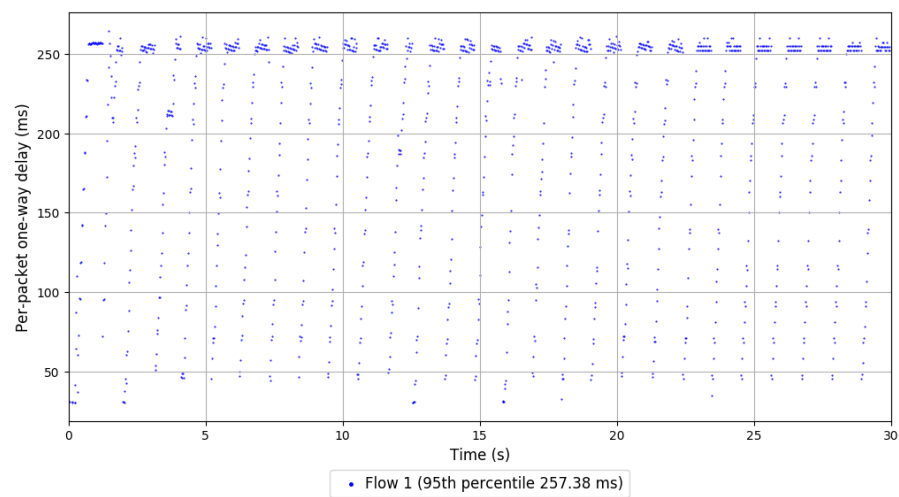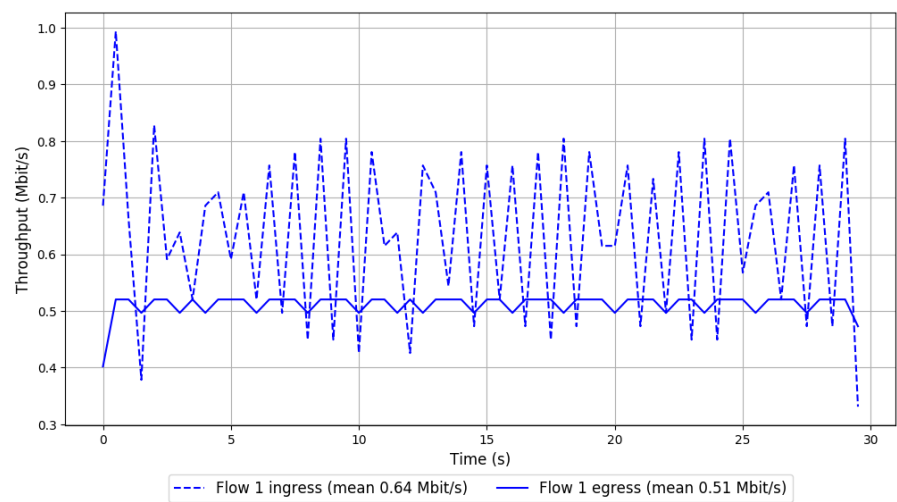
Run 6: Report of Verus — Data Link

```
Run 7: Statistics of Verus

Start at: Tue, 01 Aug 2017 00:04:09 +0000
End at: Tue, 01 Aug 2017 00:04:39 +0000
Local clock offset: -2.702 ms
Remote clock offset: 8.011 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 267.649 ms
Loss rate: 19.38%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 267.649 ms
Loss rate: 19.38%
```
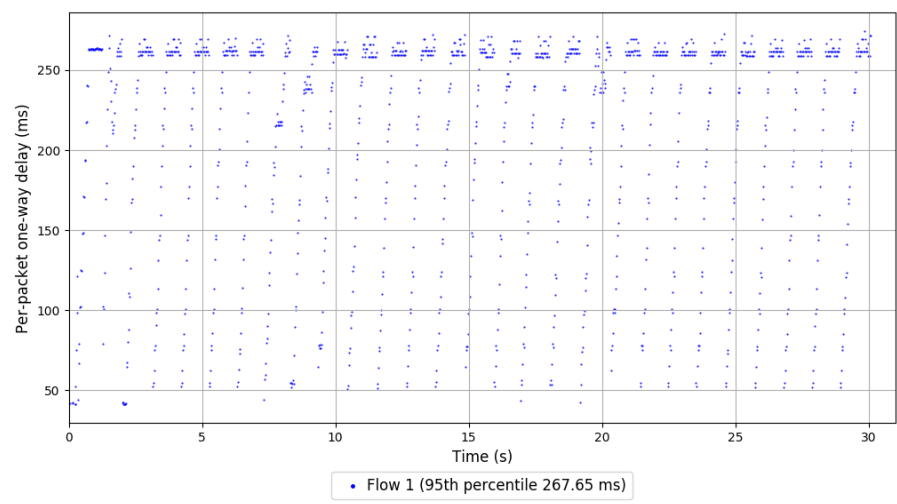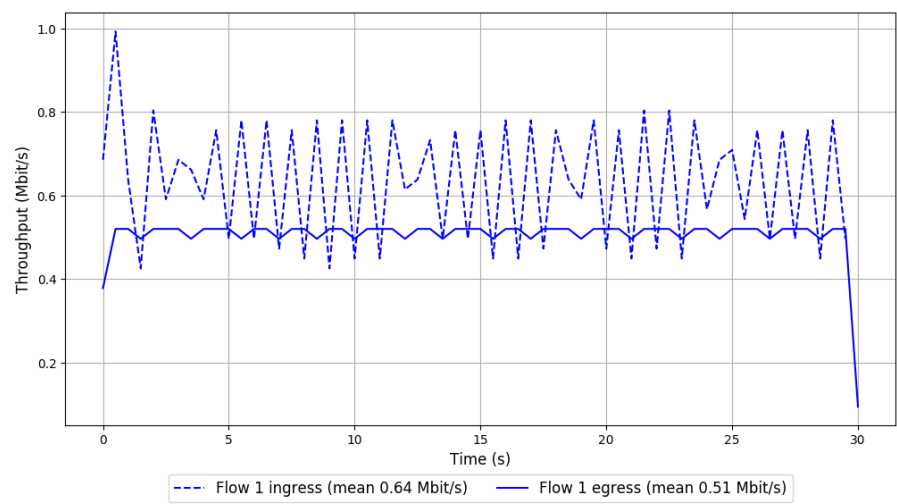
Run 7: Report of Verus — Data Link

```
Run 8: Statistics of Verus

Start at: Tue, 01 Aug 2017 00:21:32 +0000
End at: Tue, 01 Aug 2017 00:22:02 +0000
Local clock offset: 0.521 ms
Remote clock offset: 7.939 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 263.750 ms
Loss rate: 19.44%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 263.750 ms
Loss rate: 19.44%
```
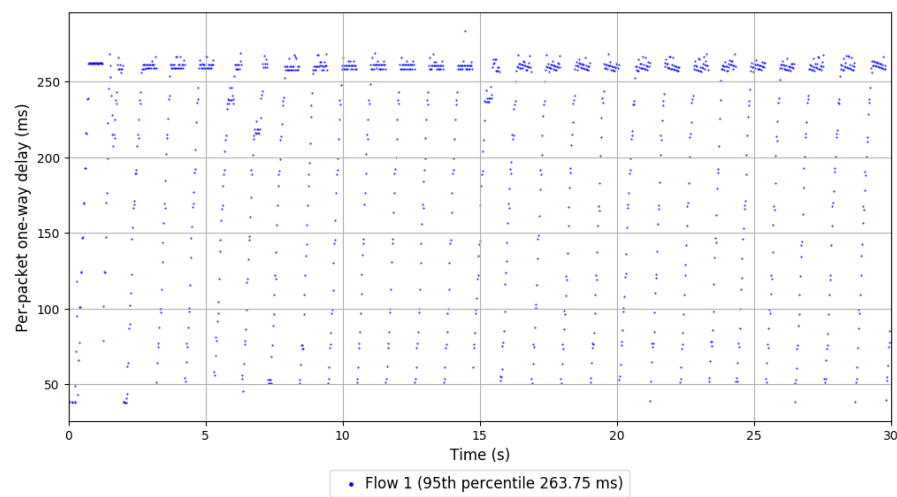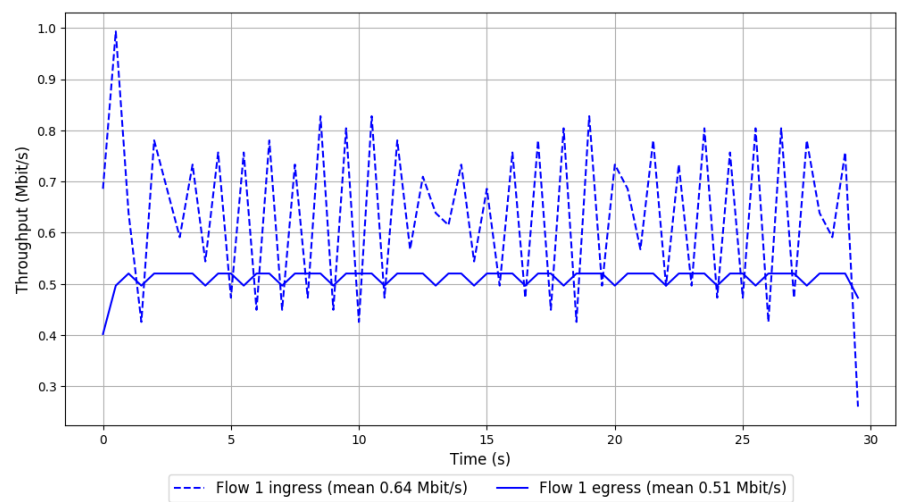
Run 8: Report of Verus — Data Link

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```
Run 9: Statistics of Verus

Start at: Tue, 01 Aug 2017 00:38:54 +0000
End at: Tue, 01 Aug 2017 00:39:24 +0000
Local clock offset: 2.543 ms
Remote clock offset: 5.544 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 257.579 ms
Loss rate: 17.93%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 257.579 ms
Loss rate: 17.93%
```
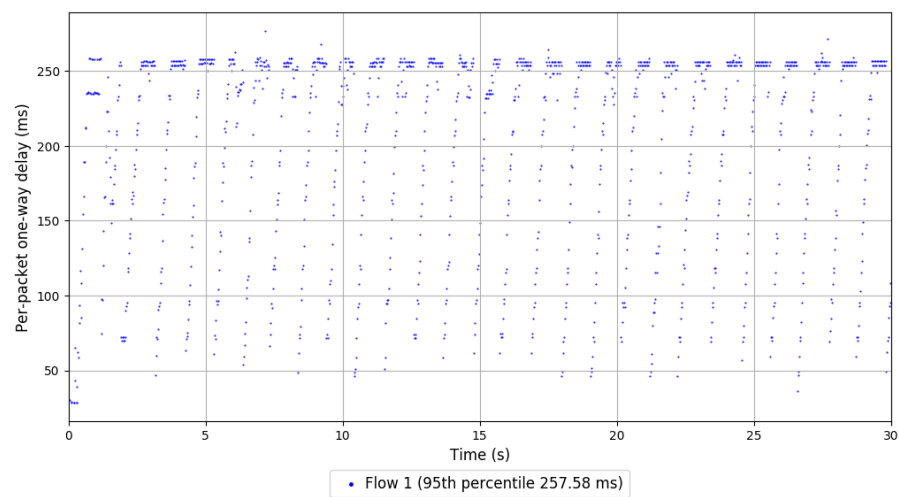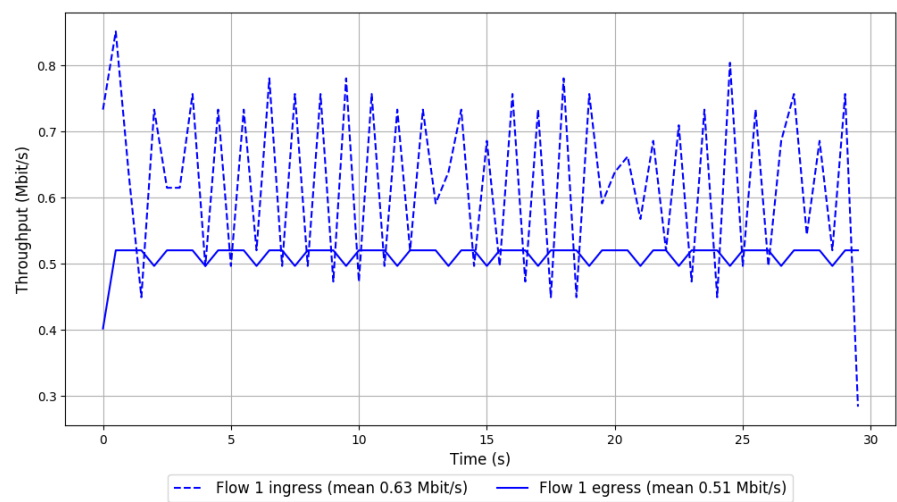
Run 9: Report of Verus — Data Link

```
Run 10: Statistics of Verus

Start at: Tue, 01 Aug 2017 00:56:53 +0000
End at: Tue, 01 Aug 2017 00:57:23 +0000
Local clock offset: 1.414 ms
Remote clock offset: 7.598 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 261.744 ms
Loss rate: 18.76%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 261.744 ms
Loss rate: 18.76%
```
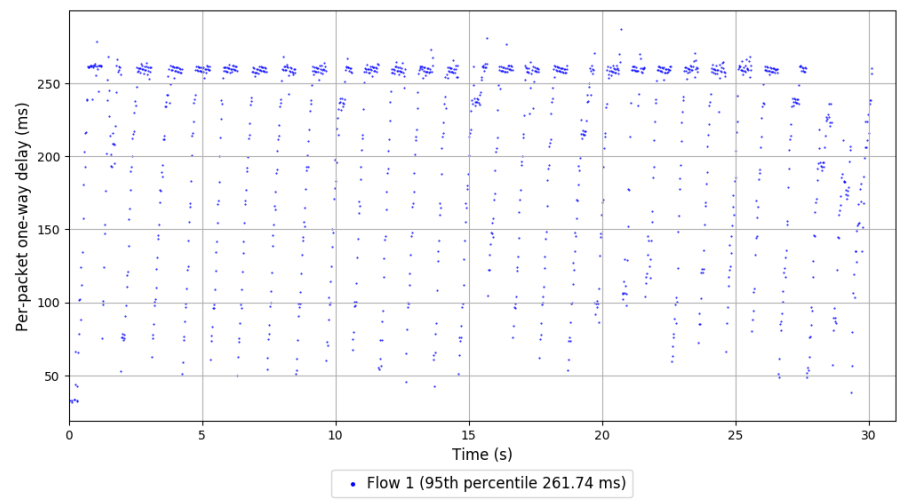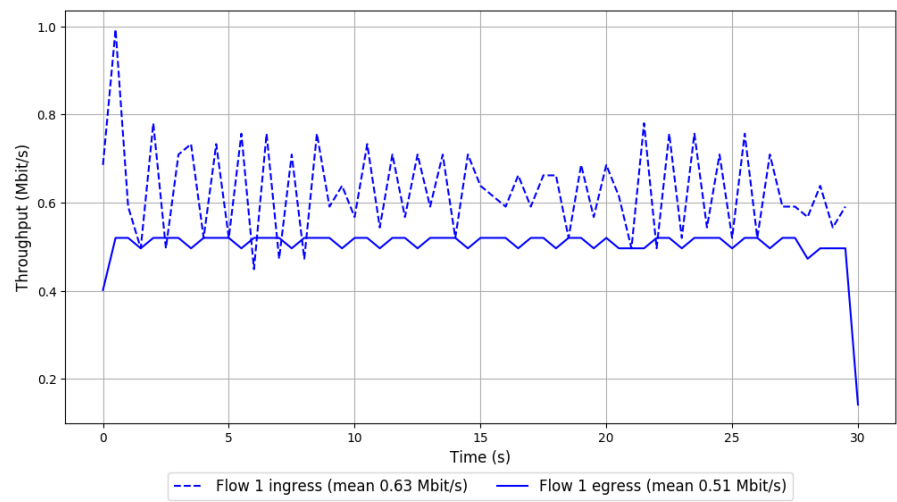
Run 10: Report of Verus — Data Link

```
Run 1: Statistics of WebRTC media

Start at: Mon, 31 Jul 2017 22:24:43 +0000
End at: Mon, 31 Jul 2017 22:25:13 +0000
Local clock offset: 1.451 ms
Remote clock offset: -10.336 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 211.171 ms
Loss rate: 16.82%
-- Flow 1:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 211.171 ms
Loss rate: 16.82%
```
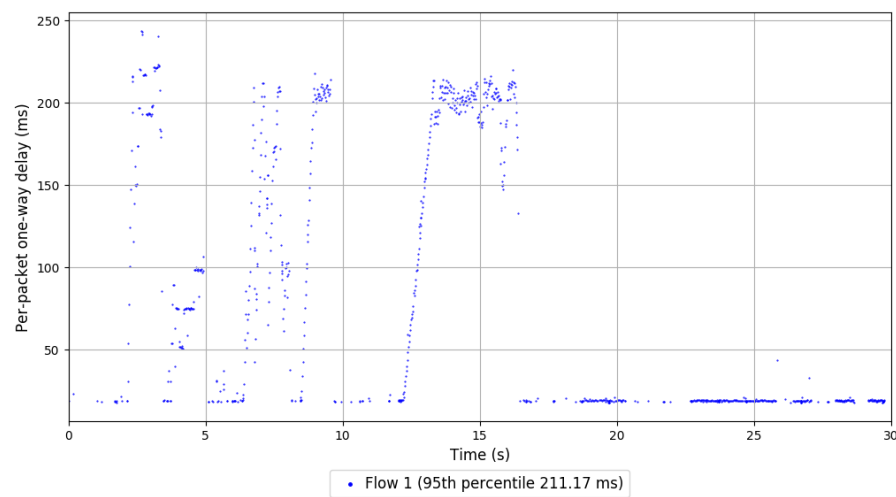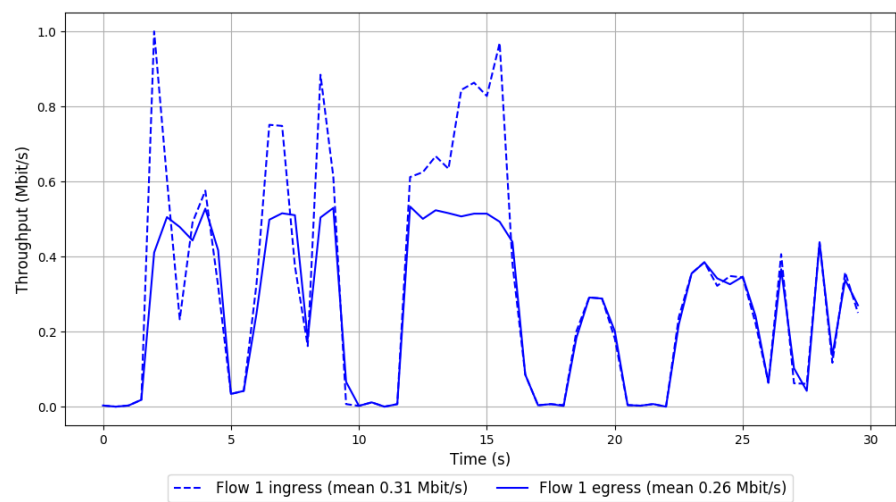
Run 1: Report of WebRTC media — Data Link

```
Run 2: Statistics of WebRTC media

Start at: Mon, 31 Jul 2017 22:42:26 +0000
End at: Mon, 31 Jul 2017 22:42:56 +0000
Local clock offset: 2.62 ms
Remote clock offset: -10.737 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 207.788 ms
Loss rate: 20.83%
-- Flow 1:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 207.788 ms
Loss rate: 20.83%
```
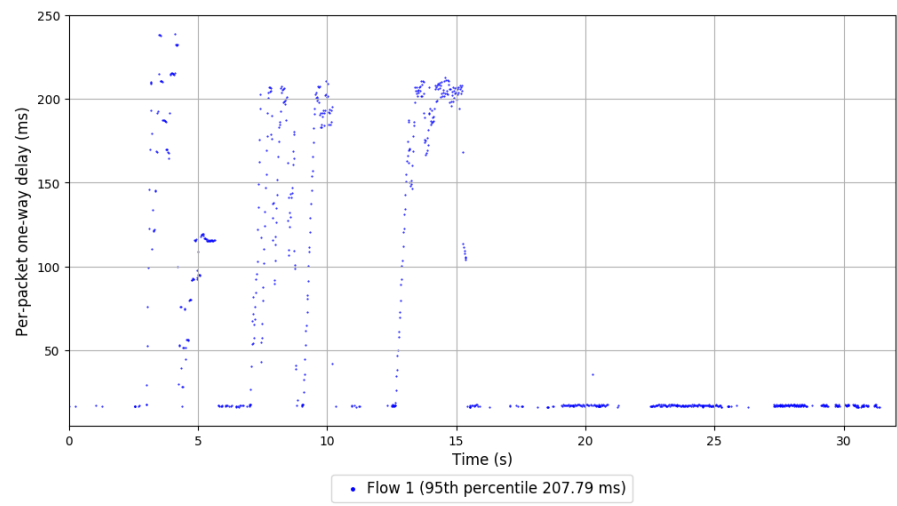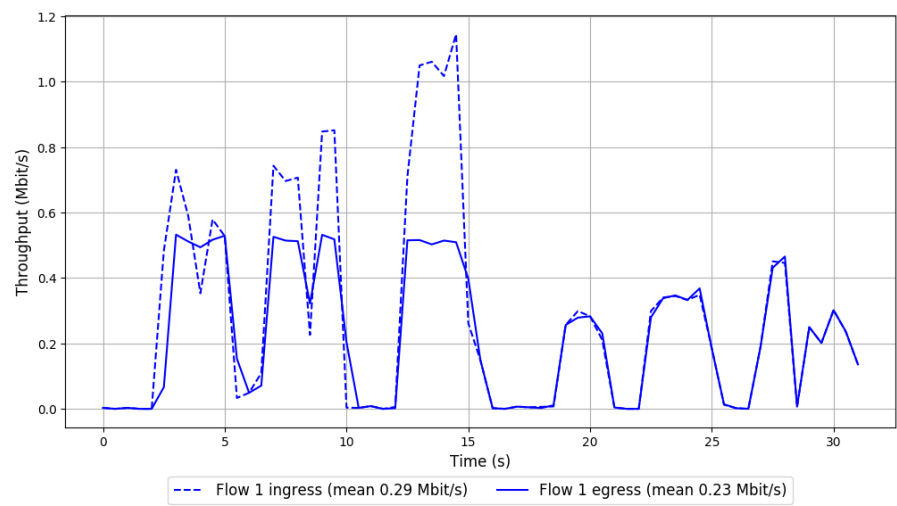
Run 2: Report of WebRTC media — Data Link

```
Run 3: Statistics of WebRTC media

Start at: Mon, 31 Jul 2017 23:00:14 +0000
End at: Mon, 31 Jul 2017 23:00:44 +0000
Local clock offset: -0.279 ms
Remote clock offset: 3.244 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 223.526 ms
Loss rate: 17.65%
-- Flow 1:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 223.526 ms
Loss rate: 17.65%
```
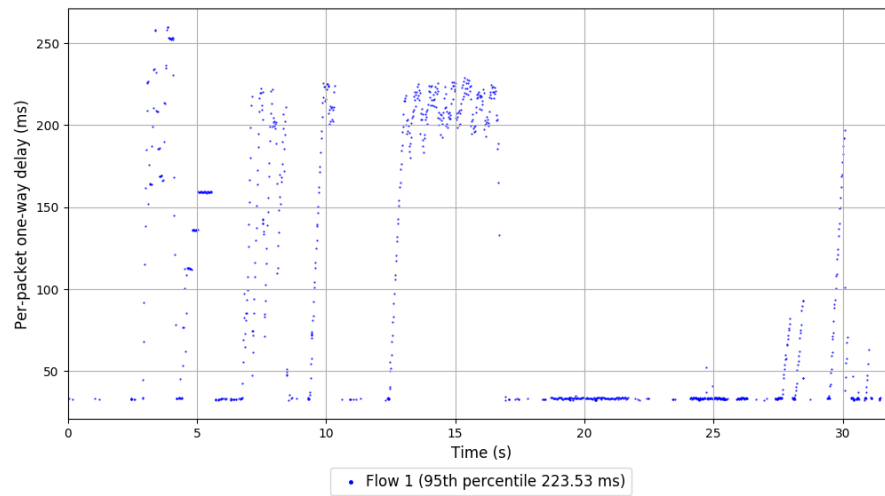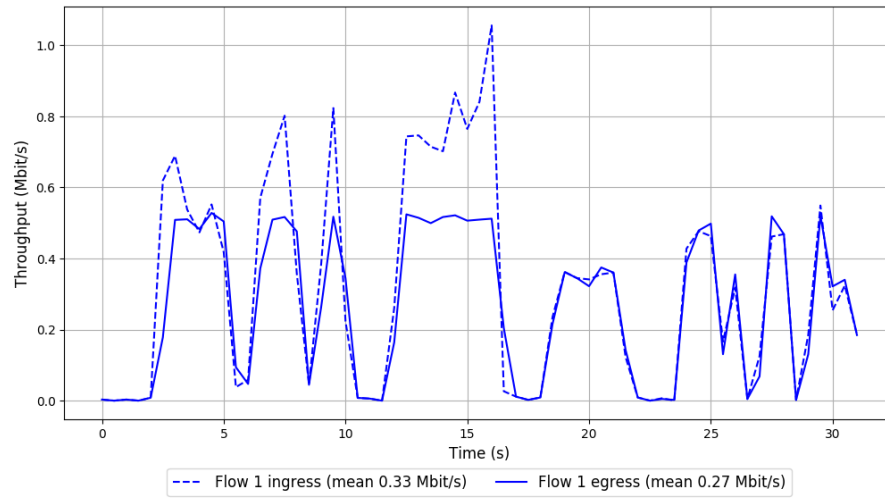
Run 3: Report of WebRTC media — Data Link

Flow 1 ingress (mean 0.33 Mbit/s) --- Flow 1 egress (mean 0.27 Mbit/s)

Flow 1 (95th percentile 223.53 ms)

```
Run 4: Statistics of WebRTC media

Start at: Mon, 31 Jul 2017 23:17:43 +0000
End at: Mon, 31 Jul 2017 23:18:13 +0000
Local clock offset: 2.262 ms
Remote clock offset: 5.902 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 225.972 ms
Loss rate: 17.44%
-- Flow 1:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 225.972 ms
Loss rate: 17.44%
```
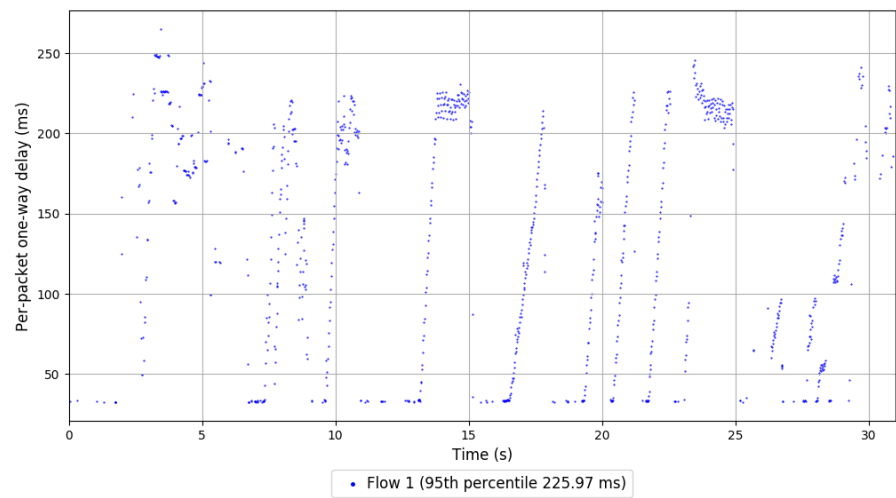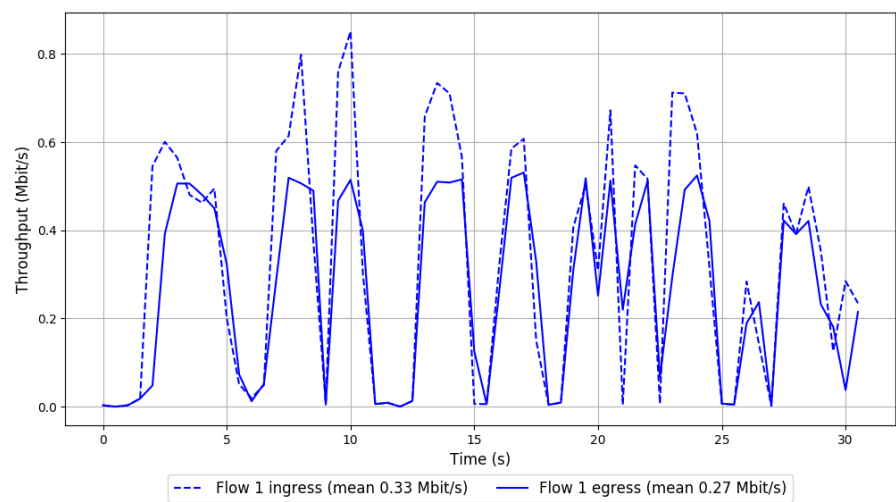
Run 4: Report of WebRTC media — Data Link

Flow 1 ingress (mean 0.33 Mbit/s) --- Flow 1 egress (mean 0.27 Mbit/s)

Flow 1 (95th percentile 225.97 ms)

```
Run 5: Statistics of WebRTC media

Start at: Mon, 31 Jul 2017 23:35:34 +0000
End at: Mon, 31 Jul 2017 23:36:04 +0000
Local clock offset: 1.883 ms
Remote clock offset: 6.403 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 218.019 ms
Loss rate: 15.05%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 218.019 ms
Loss rate: 15.05%
```
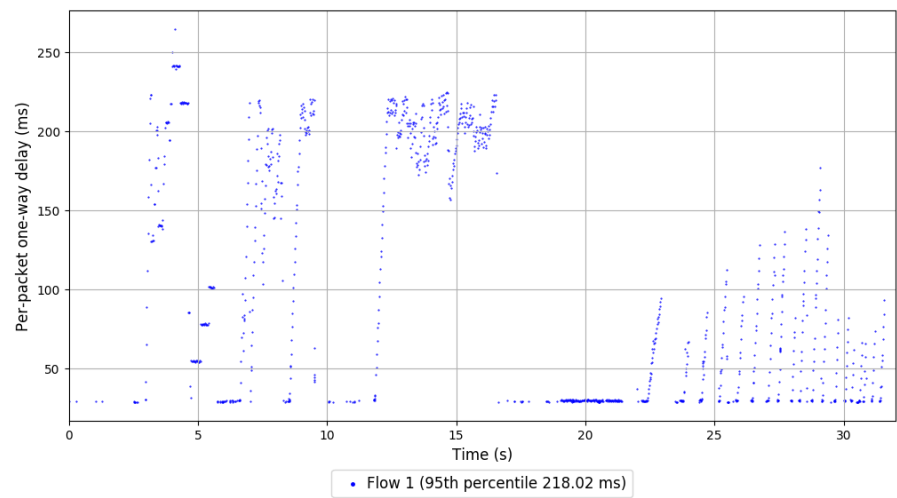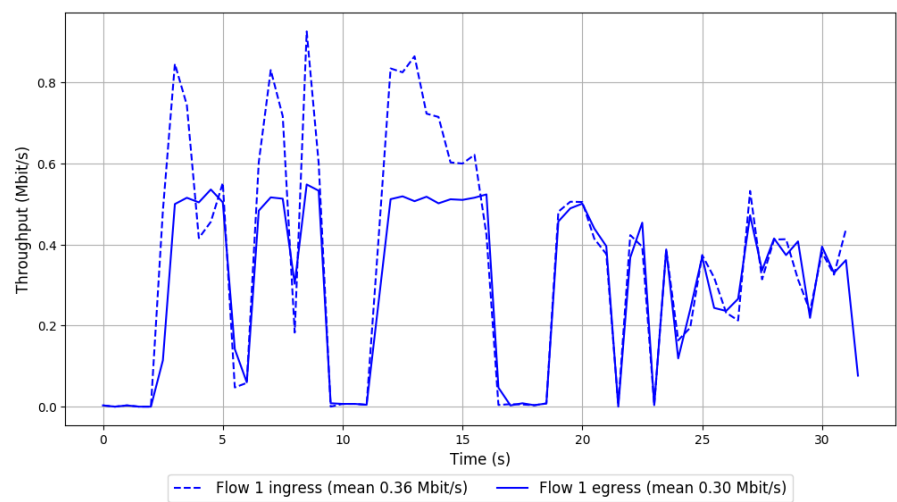
Run 5: Report of WebRTC media — Data Link

```
Run 6: Statistics of WebRTC media

Start at: Mon, 31 Jul 2017 23:52:58 +0000
End at: Mon, 31 Jul 2017 23:53:28 +0000
Local clock offset: -0.529 ms
Remote clock offset: 5.682 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 224.680 ms
Loss rate: 11.73%
-- Flow 1:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 224.680 ms
Loss rate: 11.73%
```
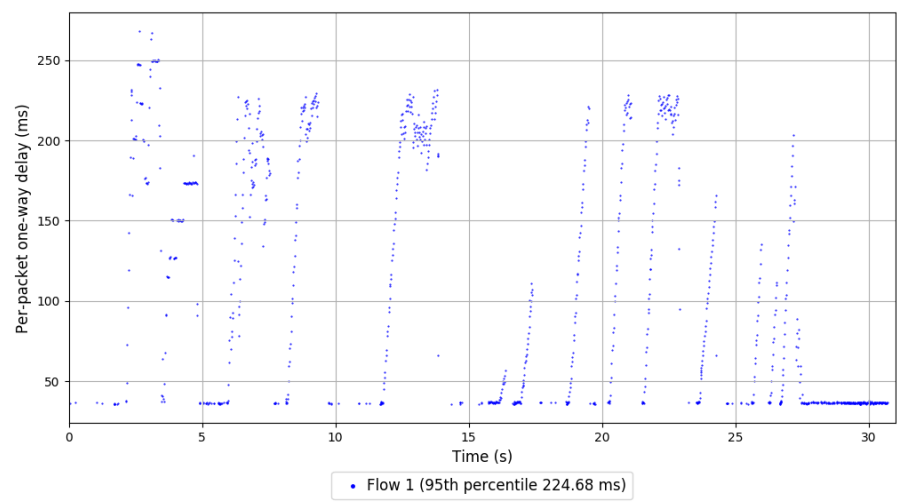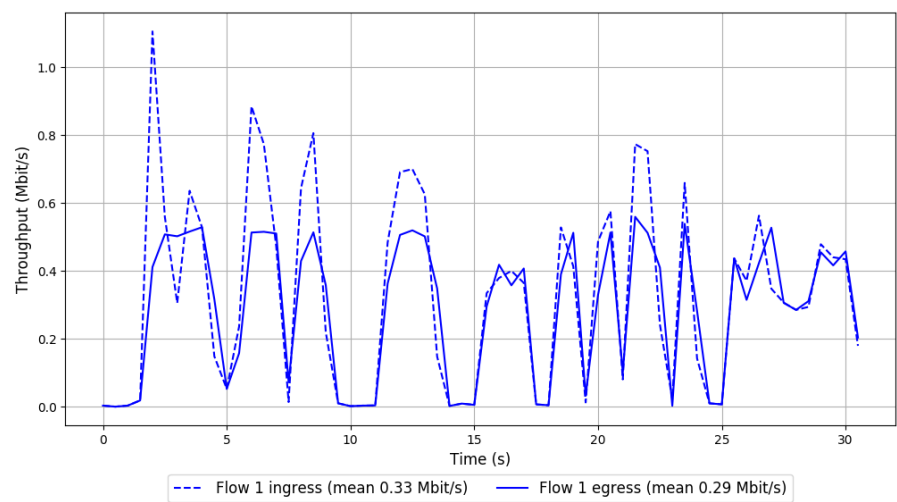
Run 6: Report of WebRTC media — Data Link

Flow 1 ingress (mean 0.33 Mbit/s)   Flow 1 egress (mean 0.29 Mbit/s)

Flow 1 (95th percentile 224.68 ms)

```
Run 7: Statistics of WebRTC media

Start at: Tue, 01 Aug 2017 00:10:22 +0000
End at: Tue, 01 Aug 2017 00:10:52 +0000
Local clock offset: -0.988 ms
Remote clock offset: 4.927 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 230.452 ms
Loss rate: 18.03%
-- Flow 1:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 230.452 ms
Loss rate: 18.03%
```
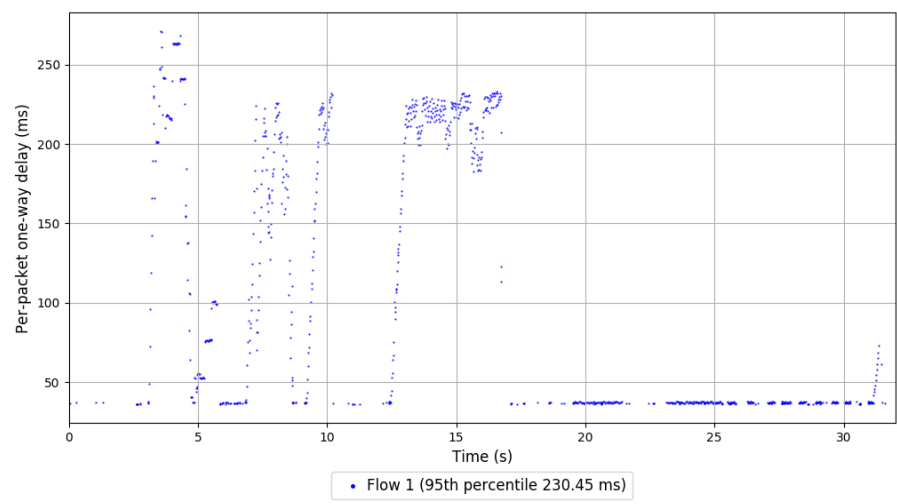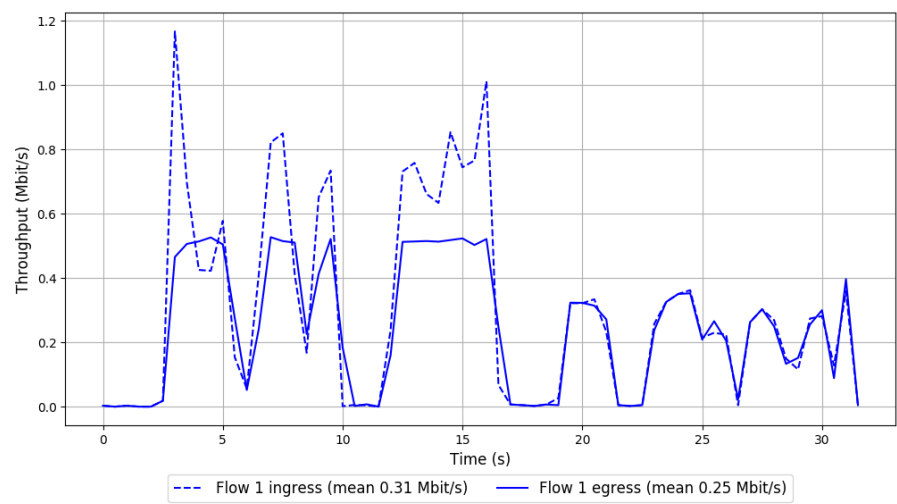
Run 7: Report of WebRTC media — Data Link

Flow 1 ingress (mean 0.31 Mbit/s)   Flow 1 egress (mean 0.25 Mbit/s)

Flow 1 (95th percentile 230.45 ms)

```
Run 8: Statistics of WebRTC media

Start at: Tue, 01 Aug 2017 00:27:44 +0000
End at: Tue, 01 Aug 2017 00:28:14 +0000
Local clock offset: 1.127 ms
Remote clock offset: 5.571 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 220.953 ms
Loss rate: 9.69%
-- Flow 1:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 220.953 ms
Loss rate: 9.69%
```
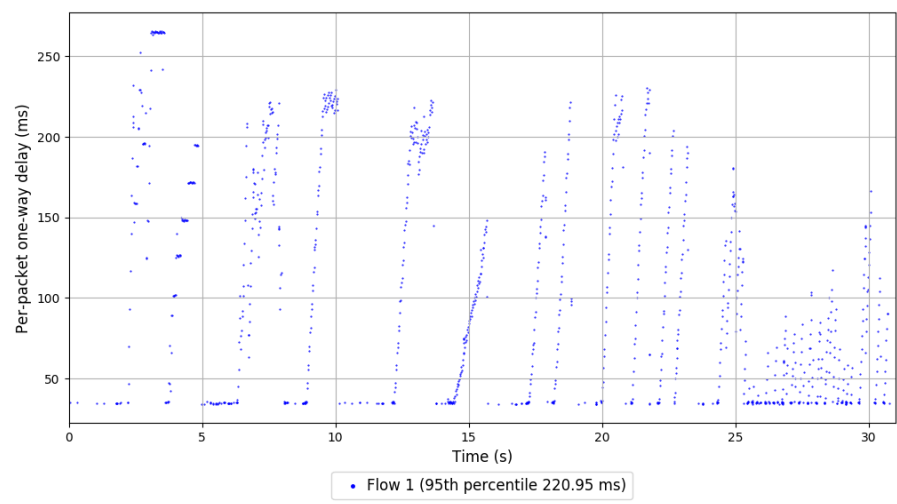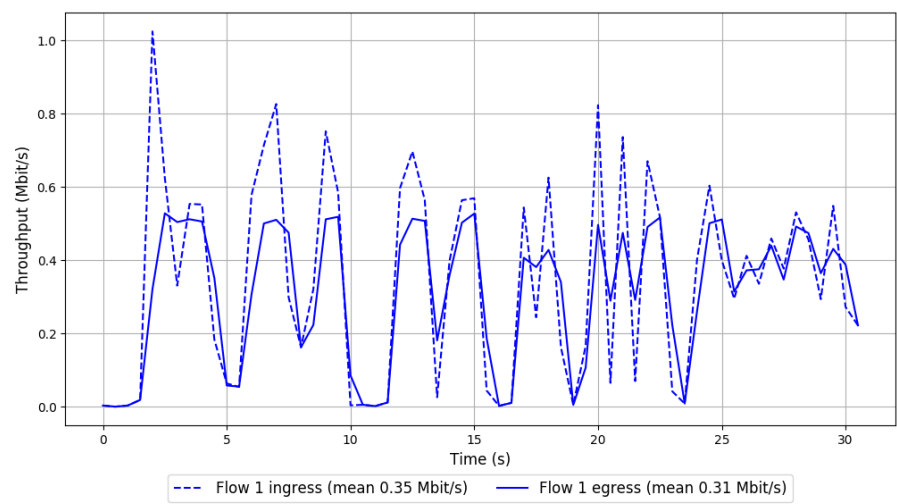
Run 8: Report of WebRTC media — Data Link

```
Run 9: Statistics of WebRTC media

Start at: Tue, 01 Aug 2017 00:45:09 +0000
End at: Tue, 01 Aug 2017 00:45:39 +0000
Local clock offset: -0.587 ms
Remote clock offset: 8.381 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 227.398 ms
Loss rate: 14.59%
-- Flow 1:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 227.398 ms
Loss rate: 14.59%
```
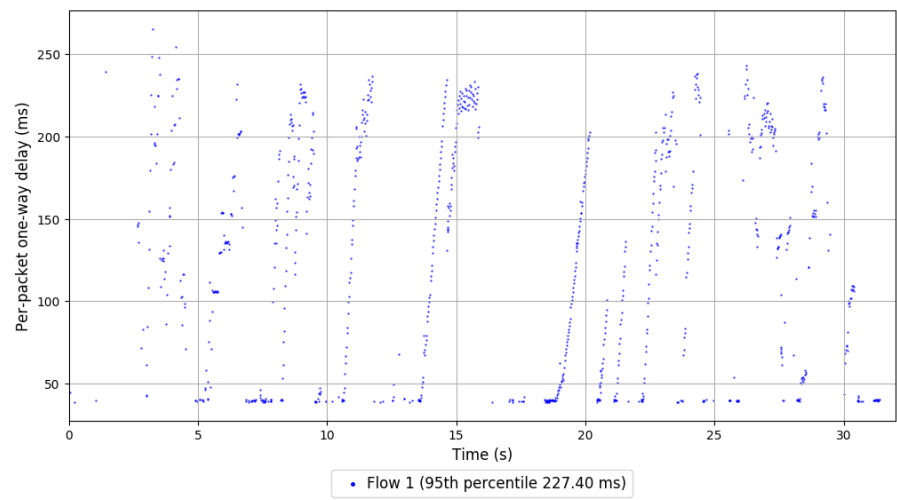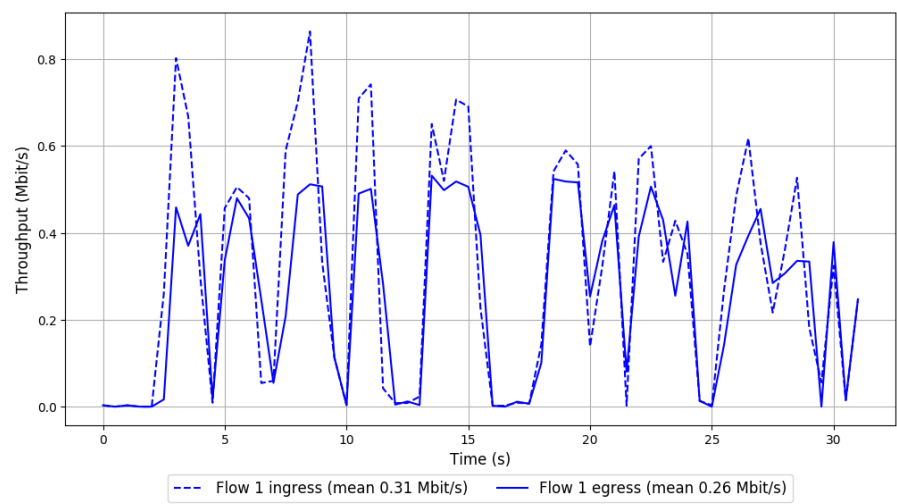
Run 9: Report of WebRTC media — Data Link

Flow 1 ingress (mean 0.31 Mbit/s)   Flow 1 egress (mean 0.26 Mbit/s)

Flow 1 (95th percentile 227.40 ms)

```
Run 10: Statistics of WebRTC media

Start at: Tue, 01 Aug 2017 01:03:06 +0000
End at: Tue, 01 Aug 2017 01:03:36 +0000
Local clock offset: 0.375 ms
Remote clock offset: 5.268 ms


# Below is generated by plot.py at Tue, 01 Aug 2017 04:30:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 227.263 ms
Loss rate: 24.15%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 227.263 ms
Loss rate: 24.15%
```

Run 10: Report of WebRTC media — Data Link

Flow 1 ingress (mean 0.29 Mbit/s)   Flow 1 egress (mean 0.22 Mbit/s)

• Flow 1 (95th percentile 227.26 ms)