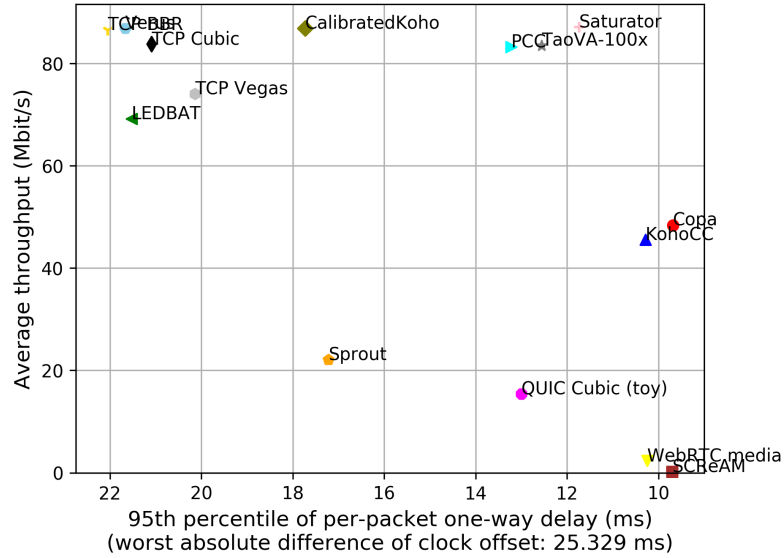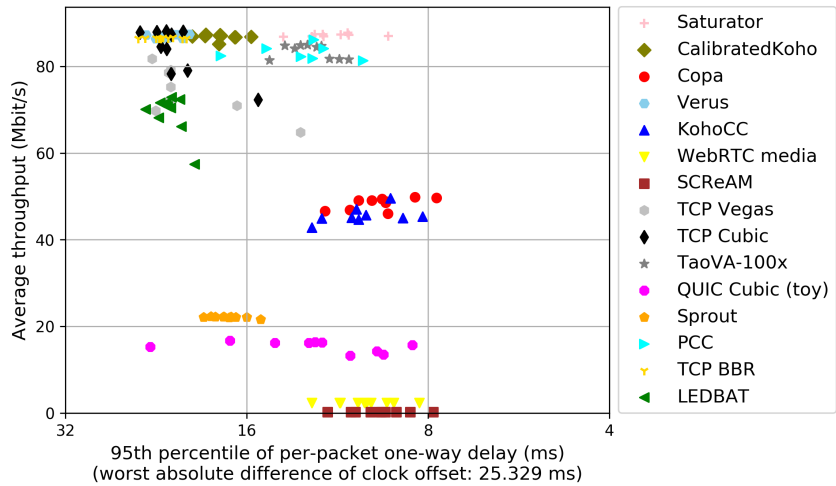**Pantheon Summary** (Generated at Fri, 30 Jun 2017 02:03:52 +0000 with pantheon version `f1f579919e2382b18c1fb18b676e821e7efc0b62`)

Repeated the test of 15 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

Data path **from** India Ethernet **to** AWS India 1 Ethernet.

NTP offset measured against nets.org.sg.

```
git branch: master @ f1f579919e2382b18c1fb18b676e821e7efc0b62
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 @ 4893799ab83a43fa2d3236507d168f461e1243ed
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
```
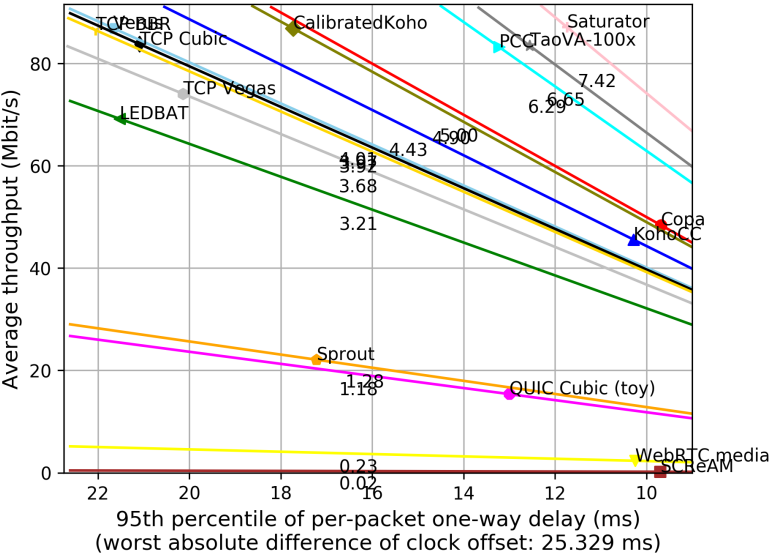
test from India Ethernet to AWS India 1 Ethernet, 10 runs of 30s each per scheme
mean of all runs by scheme

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

test from India Ethernet to AWS India 1 Ethernet, 10 runs of 30s each per scheme
mean power scores of all runs by scheme

Average throughput (Mbit/s)

95th percentile of per-packet one-way delay (ms)
(worst absolute difference of clock offset: 25.329 ms)

TCP BBR
TCP Cubic
CalibratedKoho
Saturator
PCCTaoVA-100x
7.42
6.65
6.29
TCP Vegas
LEDBAT
4590
4.43
4.01
3.87
3.68
3.21
Copa
KohoCC
Sprout
1.28
1.18
QUIC Cubic (toy)
WebRTC media
0.23
SCReAM
0.02

3

```
Run 1: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 22:11:46 +0000
End at: Thu, 29 Jun 2017 22:12:16 +0000
Local clock offset: -0.153 ms
Remote clock offset: -20.627 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:51:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.69 Mbit/s
95th percentile per-packet one-way delay: 22.025 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 86.69 Mbit/s
95th percentile per-packet one-way delay: 22.025 ms
Loss rate: 0.19%
```
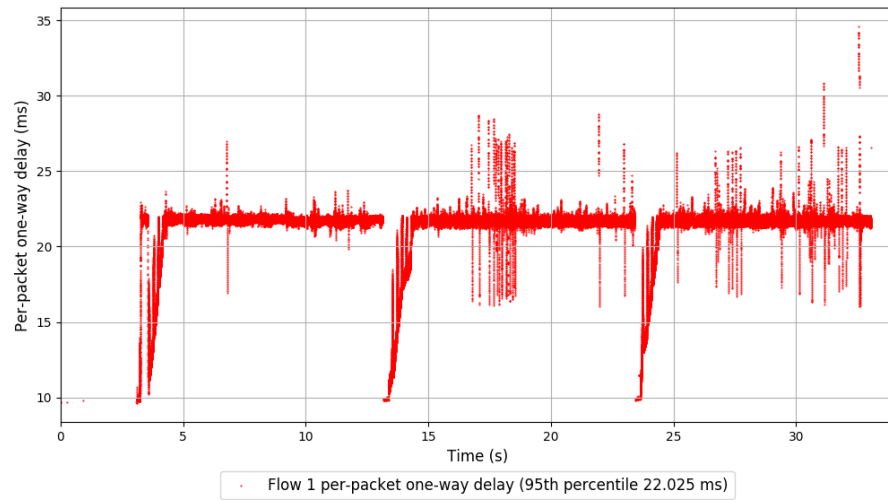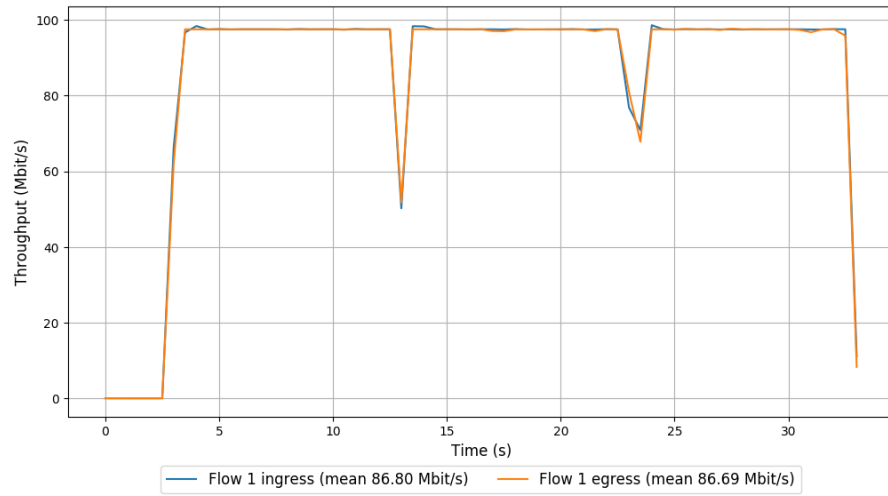
Run 1: Report of TCP BBR — Data Link

```
Run 2: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 22:29:15 +0000
End at: Thu, 29 Jun 2017 22:29:45 +0000
Local clock offset: 1.842 ms
Remote clock offset: -20.447 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:51:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.51 Mbit/s
95th percentile per-packet one-way delay: 22.634 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 86.51 Mbit/s
95th percentile per-packet one-way delay: 22.634 ms
Loss rate: 0.30%
```
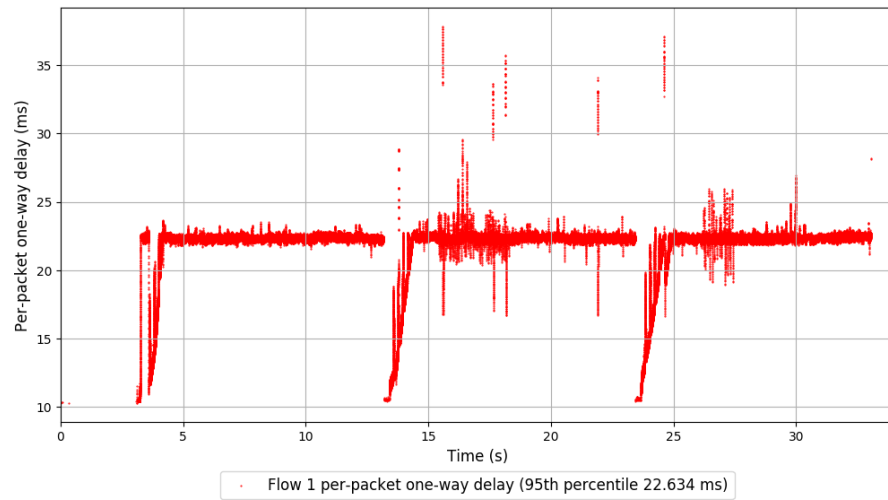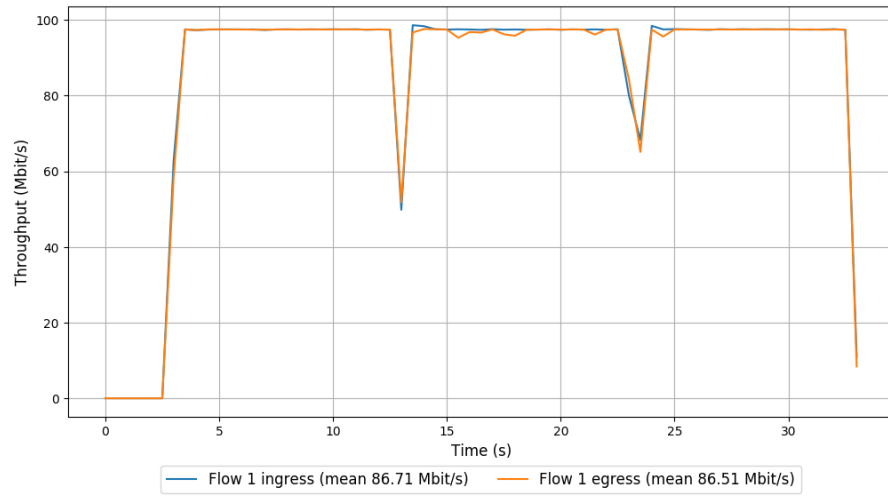
Run 2: Report of TCP BBR — Data Link

Flow 1 ingress (mean 86.71 Mbit/s) —— Flow 1 egress (mean 86.51 Mbit/s)

· Flow 1 per-packet one-way delay (95th percentile 22.634 ms)

```
Run 3: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 22:46:55 +0000
End at: Thu, 29 Jun 2017 22:47:25 +0000
Local clock offset: 1.572 ms
Remote clock offset: -21.164 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:51:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.52 Mbit/s
95th percentile per-packet one-way delay: 22.381 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 86.52 Mbit/s
95th percentile per-packet one-way delay: 22.381 ms
Loss rate: 0.25%
```
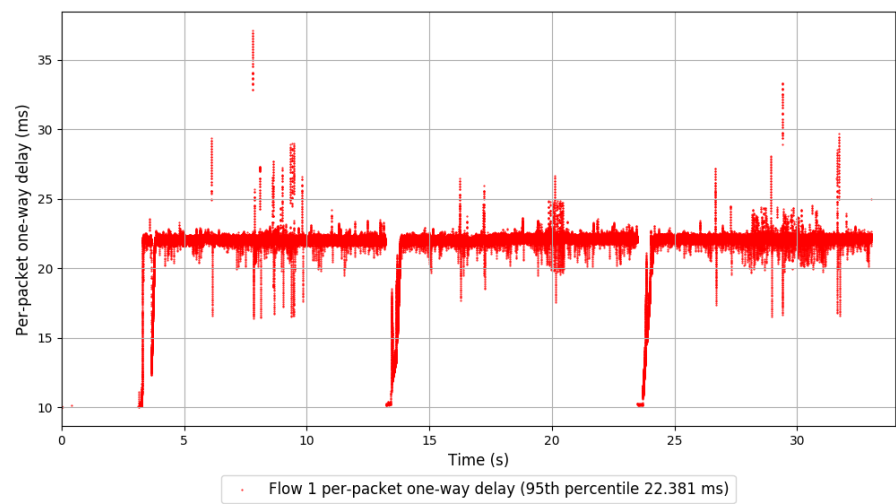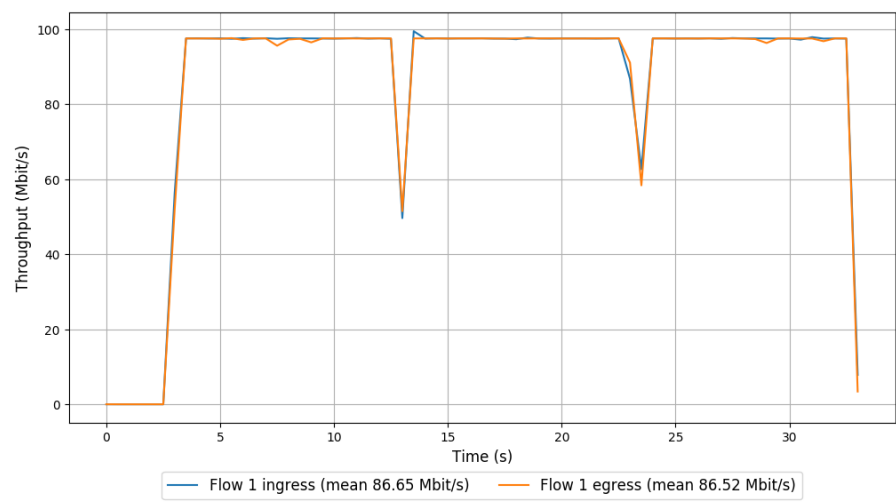
Run 3: Report of TCP BBR — Data Link

```
Run 4: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 23:04:23 +0000
End at: Thu, 29 Jun 2017 23:04:53 +0000
Local clock offset: -1.314 ms
Remote clock offset: -23.63 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:51:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.66 Mbit/s
95th percentile per-packet one-way delay: 21.222 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 86.66 Mbit/s
95th percentile per-packet one-way delay: 21.222 ms
Loss rate: 0.20%
```
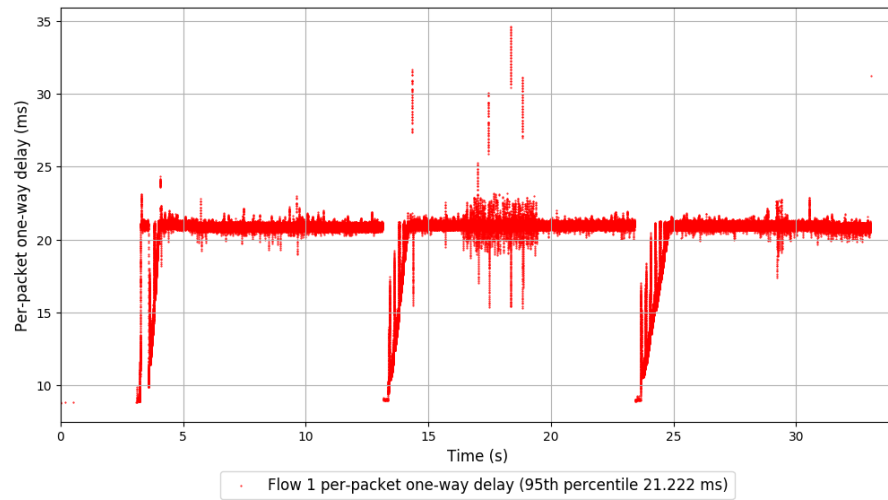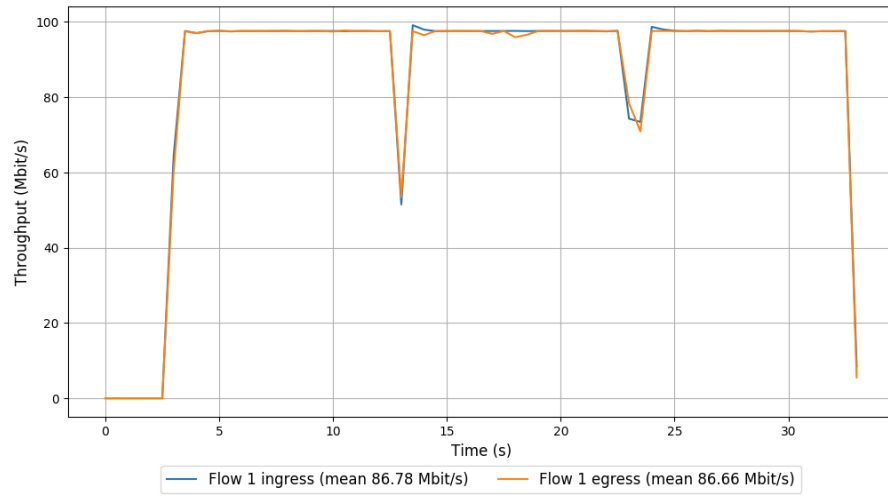
Run 4: Report of TCP BBR — Data Link

```
Run 5: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 23:22:00 +0000
End at: Thu, 29 Jun 2017 23:22:30 +0000
Local clock offset: 1.442 ms
Remote clock offset: -22.748 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:51:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.46 Mbit/s
95th percentile per-packet one-way delay: 20.147 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 86.46 Mbit/s
95th percentile per-packet one-way delay: 20.147 ms
Loss rate: 0.24%
```
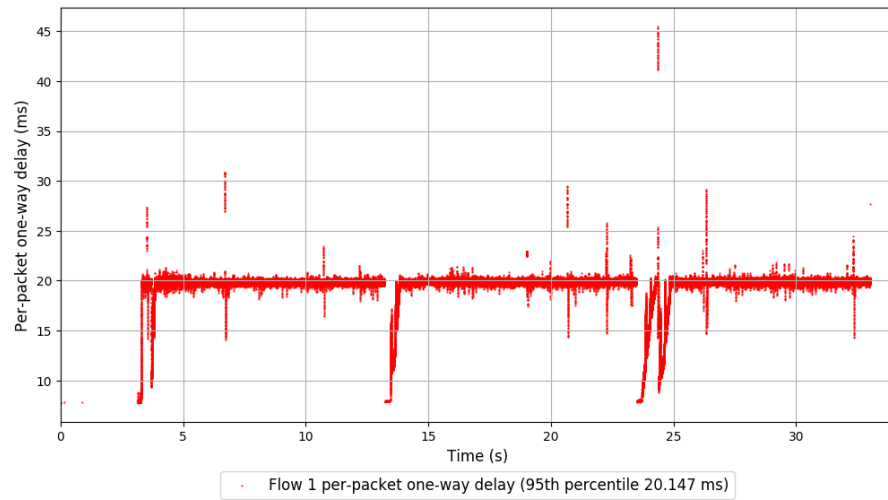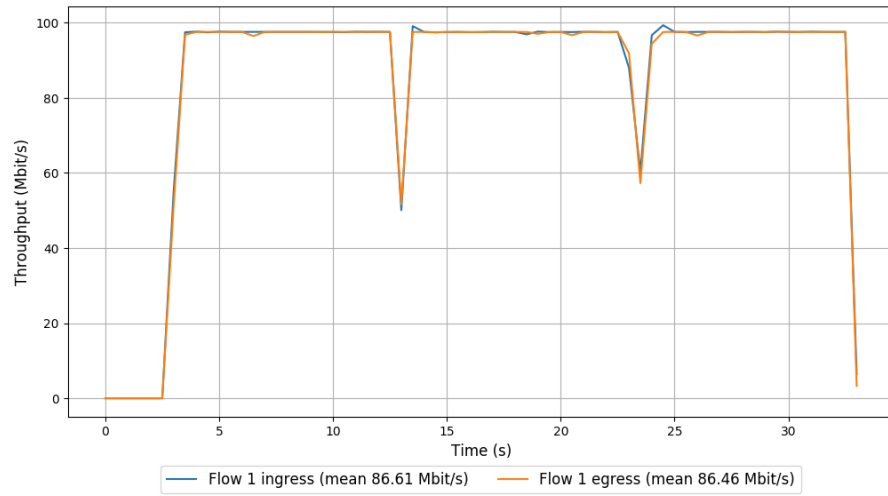
Run 5: Report of TCP BBR — Data Link

Flow 1 ingress (mean 86.61 Mbit/s) — Flow 1 egress (mean 86.46 Mbit/s)

. Flow 1 per-packet one-way delay (95th percentile 20.147 ms)

13

```
Run 6: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 23:39:25 +0000
End at: Thu, 29 Jun 2017 23:39:55 +0000
Local clock offset: 1.33 ms
Remote clock offset: -22.899 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:51:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.40 Mbit/s
95th percentile per-packet one-way delay: 20.455 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 86.40 Mbit/s
95th percentile per-packet one-way delay: 20.455 ms
Loss rate: 0.27%
```
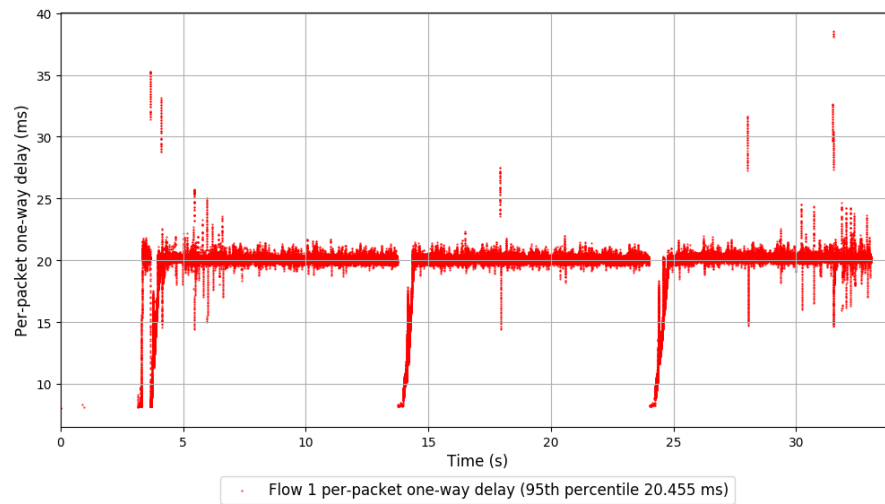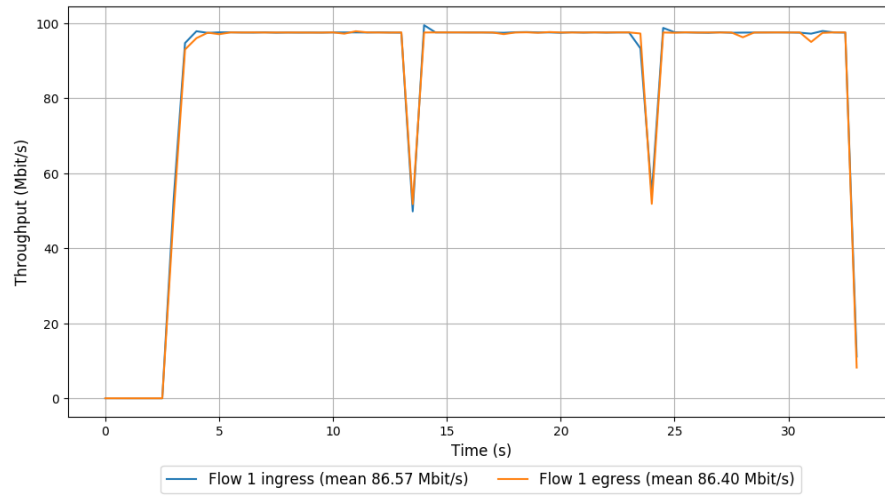
Run 6: Report of TCP BBR — Data Link

Flow 1 ingress (mean 86.57 Mbit/s) — Flow 1 egress (mean 86.40 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 20.455 ms)

```
Run 7: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 23:56:47 +0000
End at: Thu, 29 Jun 2017 23:57:17 +0000
Local clock offset: -0.879 ms
Remote clock offset: -21.816 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:52:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.49 Mbit/s
95th percentile per-packet one-way delay: 21.615 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 86.49 Mbit/s
95th percentile per-packet one-way delay: 21.615 ms
Loss rate: 0.21%
```
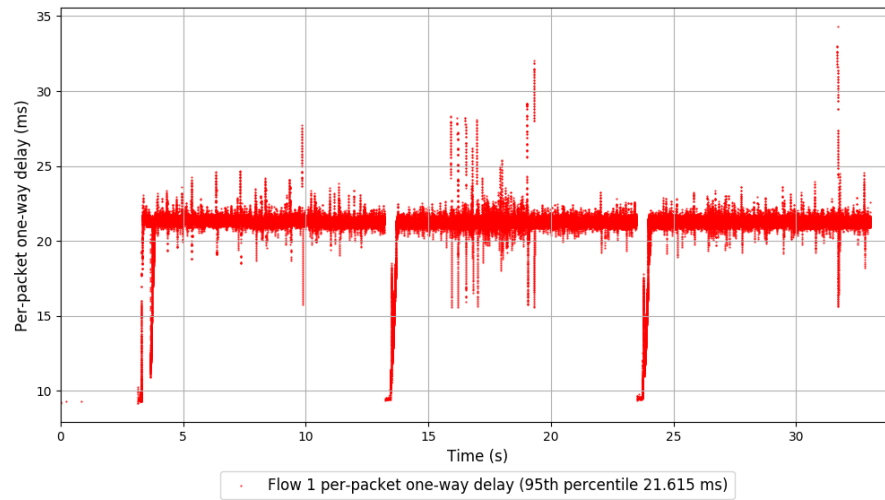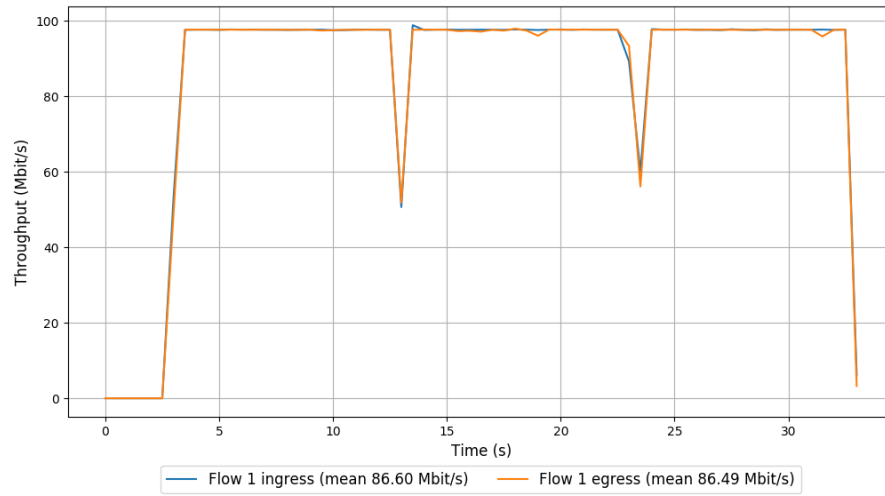
Run 7: Report of TCP BBR — Data Link

Flow 1 ingress (mean 86.60 Mbit/s) —— Flow 1 egress (mean 86.49 Mbit/s)

. Flow 1 per-packet one-way delay (95th percentile 21.615 ms)

17

```
Run 8: Statistics of TCP BBR

Start at: Fri, 30 Jun 2017 00:14:14 +0000
End at: Fri, 30 Jun 2017 00:14:44 +0000
Local clock offset: -1.247 ms
Remote clock offset: -22.612 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:52:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.41 Mbit/s
95th percentile per-packet one-way delay: 22.225 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 86.41 Mbit/s
95th percentile per-packet one-way delay: 22.225 ms
Loss rate: 0.37%
```
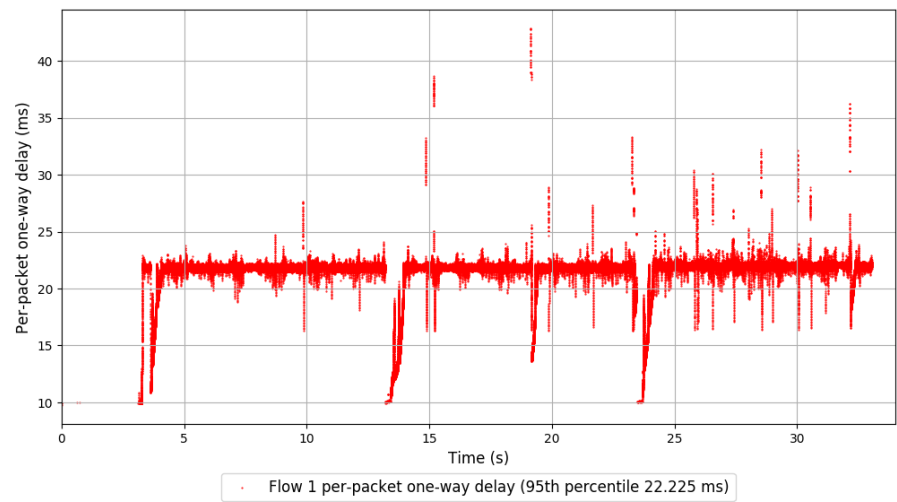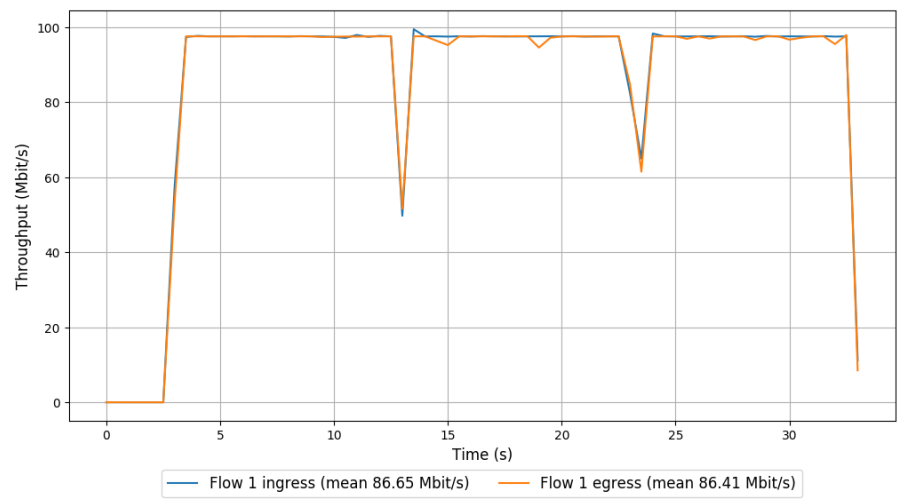
Run 8: Report of TCP BBR — Data Link

Flow 1 ingress (mean 86.65 Mbit/s) —— Flow 1 egress (mean 86.41 Mbit/s)

. Flow 1 per-packet one-way delay (95th percentile 22.225 ms)

```
Run 9: Statistics of TCP BBR

Start at: Fri, 30 Jun 2017 00:31:34 +0000
End at: Fri, 30 Jun 2017 00:32:04 +0000
Local clock offset: -2.526 ms
Remote clock offset: -20.222 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:52:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.54 Mbit/s
95th percentile per-packet one-way delay: 23.608 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 86.54 Mbit/s
95th percentile per-packet one-way delay: 23.608 ms
Loss rate: 0.27%
```
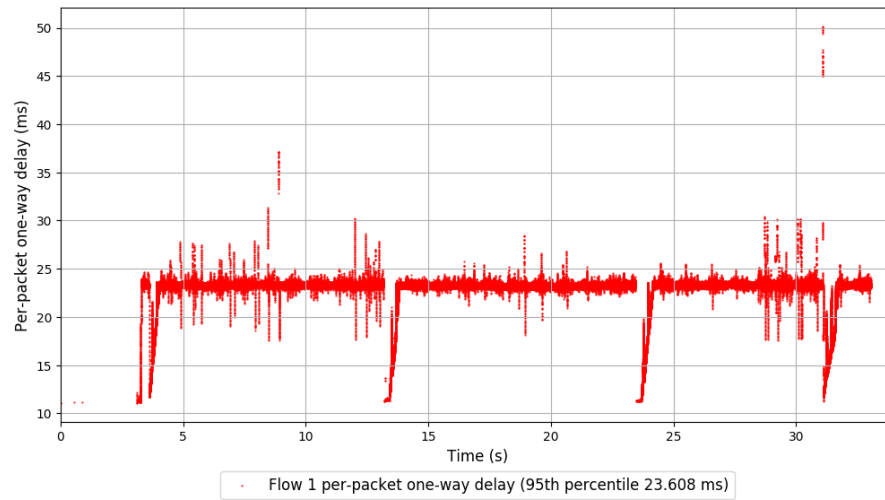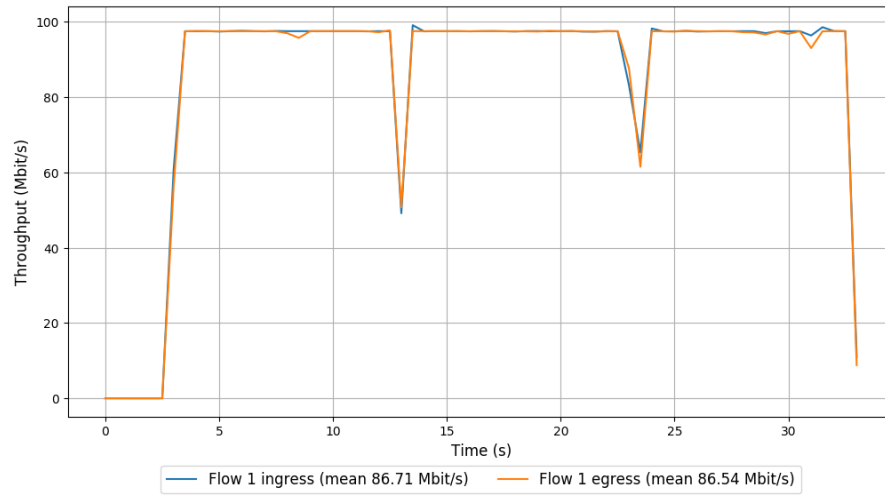
Run 9: Report of TCP BBR — Data Link

Flow 1 ingress (mean 86.71 Mbit/s) Flow 1 egress (mean 86.54 Mbit/s)

· Flow 1 per-packet one-way delay (95th percentile 23.608 ms)

Run 10: Statistics of TCP BBR

Start at: Fri, 30 Jun 2017 00:49:09 +0000
End at: Fri, 30 Jun 2017 00:49:39 +0000
Local clock offset: -2.902 ms
Remote clock offset: -20.038 ms

Below is generated by plot.py at Fri, 30 Jun 2017 01:52:24 +0000
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.39 Mbit/s
95th percentile per-packet one-way delay: 24.237 ms
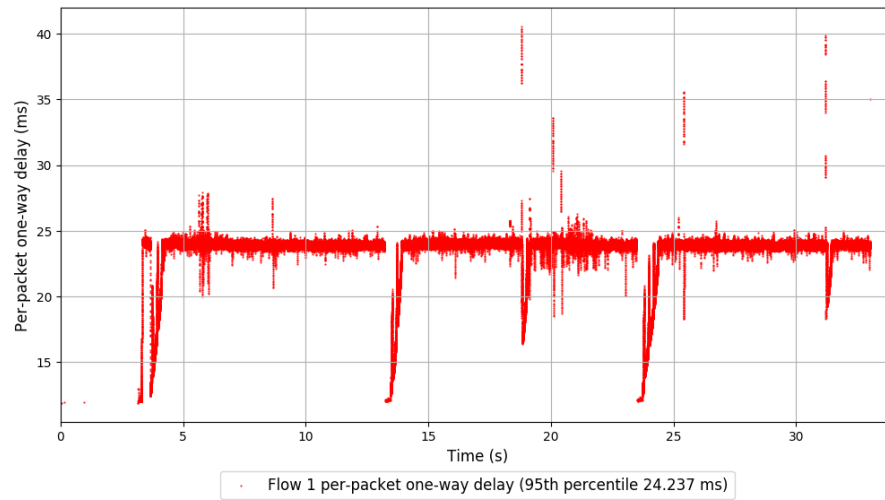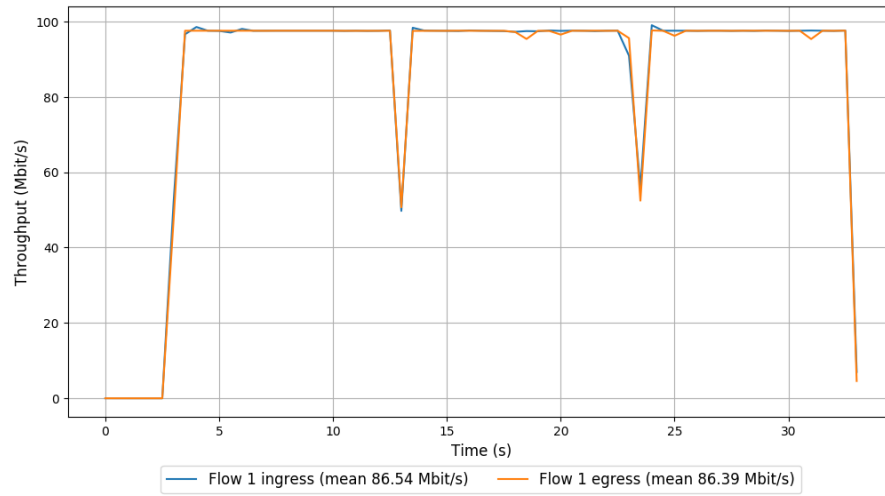Loss rate: 0.24%
-- Flow 1:
Average throughput: 86.39 Mbit/s
95th percentile per-packet one-way delay: 24.237 ms
Loss rate: 0.24%

Run 10: Report of TCP BBR — Data Link

Flow 1 ingress (mean 86.54 Mbit/s)   Flow 1 egress (mean 86.39 Mbit/s)

· Flow 1 per-packet one-way delay (95th percentile 24.237 ms)

```
Run 1: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 21:57:46 +0000
End at: Thu, 29 Jun 2017 21:58:16 +0000
Local clock offset: 2.676 ms
Remote clock offset: -19.102 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:52:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.12 Mbit/s
95th percentile per-packet one-way delay: 17.740 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 87.12 Mbit/s
95th percentile per-packet one-way delay: 17.740 ms
Loss rate: 0.24%
```
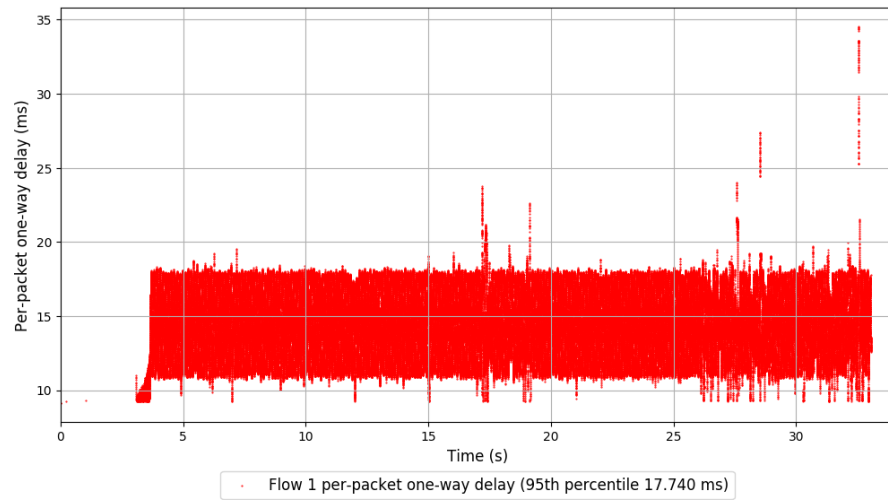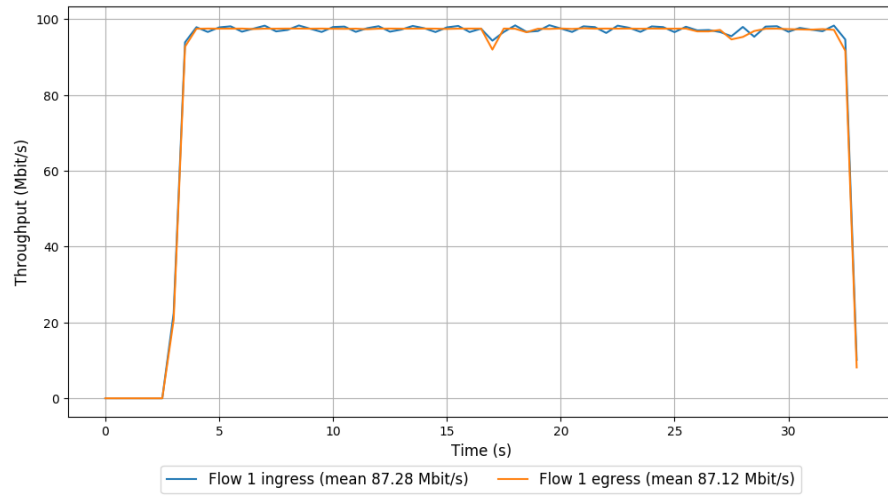
Run 1: Report of CalibratedKoho — Data Link

Flow 1 ingress (mean 87.28 Mbit/s) —— Flow 1 egress (mean 87.12 Mbit/s)

· Flow 1 per-packet one-way delay (95th percentile 17.740 ms)

```
Run 2: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 22:15:27 +0000
End at: Thu, 29 Jun 2017 22:15:57 +0000
Local clock offset: 1.614 ms
Remote clock offset: -19.552 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:52:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.09 Mbit/s
95th percentile per-packet one-way delay: 17.665 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 87.09 Mbit/s
95th percentile per-packet one-way delay: 17.665 ms
Loss rate: 0.21%
```
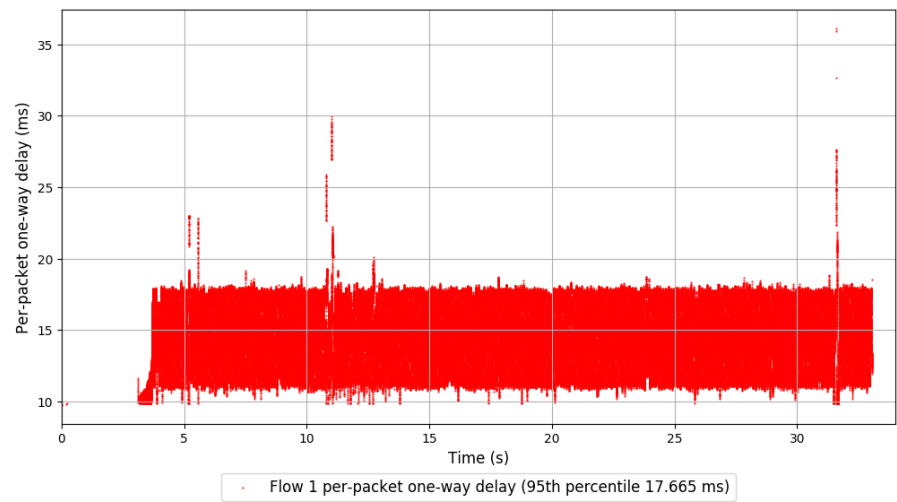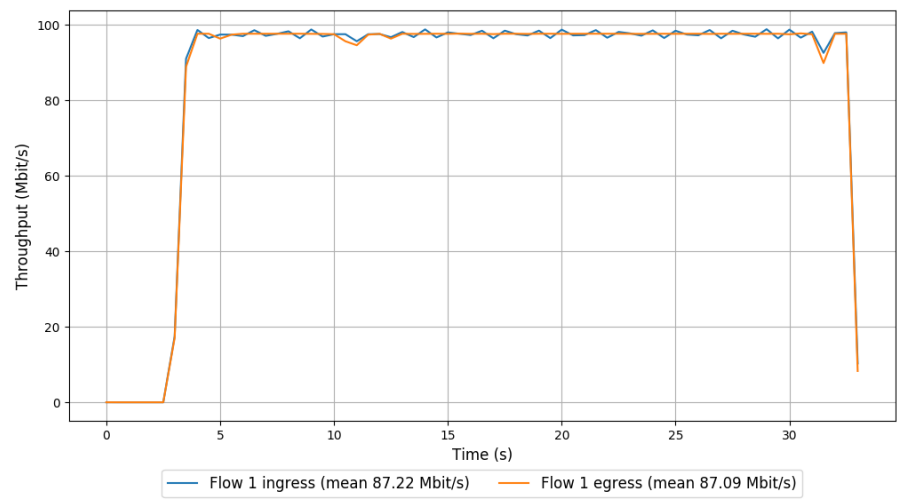
Run 2: Report of CalibratedKoho — Data Link

Flow 1 ingress (mean 87.22 Mbit/s) — Flow 1 egress (mean 87.09 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 17.665 ms)

```
Run 3: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 22:33:01 +0000
End at: Thu, 29 Jun 2017 22:33:31 +0000
Local clock offset: -0.43 ms
Remote clock offset: -20.55 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:52:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.33 Mbit/s
95th percentile per-packet one-way delay: 18.708 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 87.33 Mbit/s
95th percentile per-packet one-way delay: 18.708 ms
Loss rate: 0.17%
```
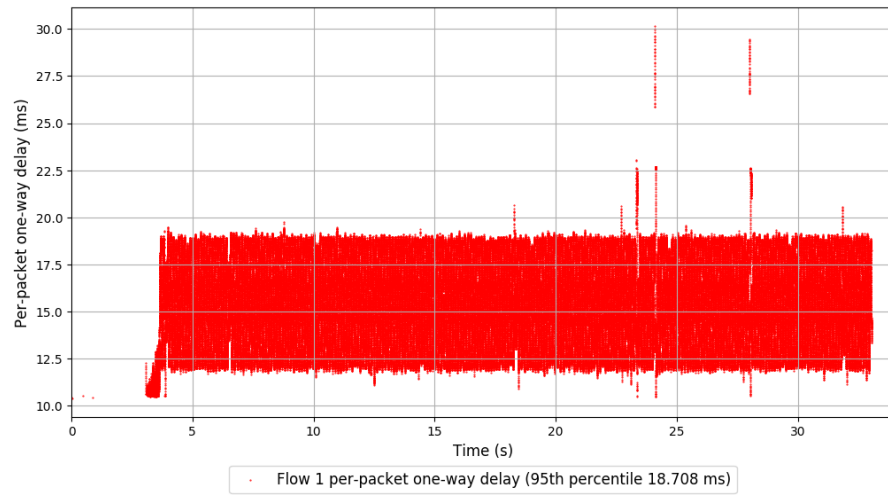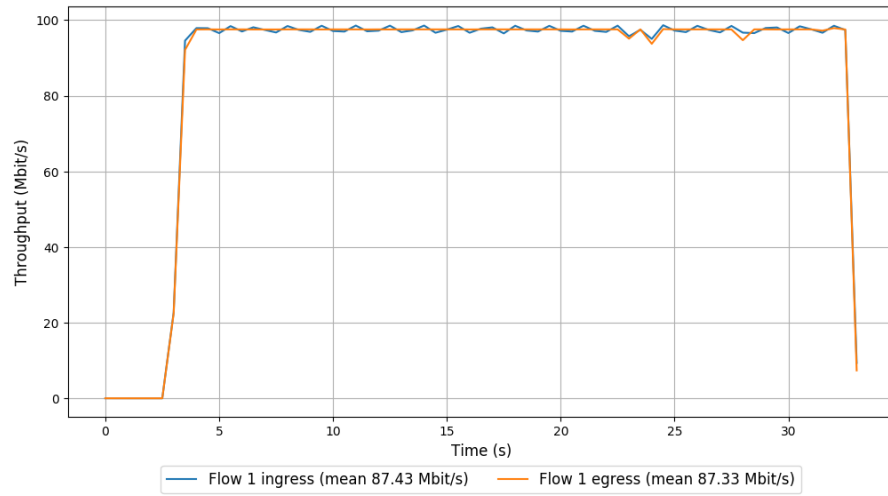
Run 3: Report of CalibratedKoho — Data Link

Flow 1 ingress (mean 87.43 Mbit/s) — Flow 1 egress (mean 87.33 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 18.708 ms)

```
Run 4: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 22:50:37 +0000
End at: Thu, 29 Jun 2017 22:51:07 +0000
Local clock offset: -1.795 ms
Remote clock offset: -20.897 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:52:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.16 Mbit/s
95th percentile per-packet one-way delay: 17.786 ms
Loss rate: 1.28%
-- Flow 1:
Average throughput: 85.16 Mbit/s
95th percentile per-packet one-way delay: 17.786 ms
Loss rate: 1.28%
```
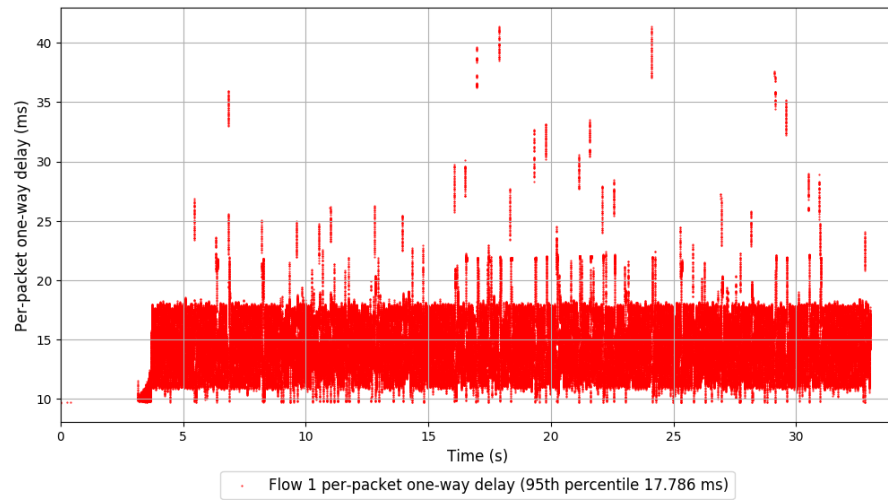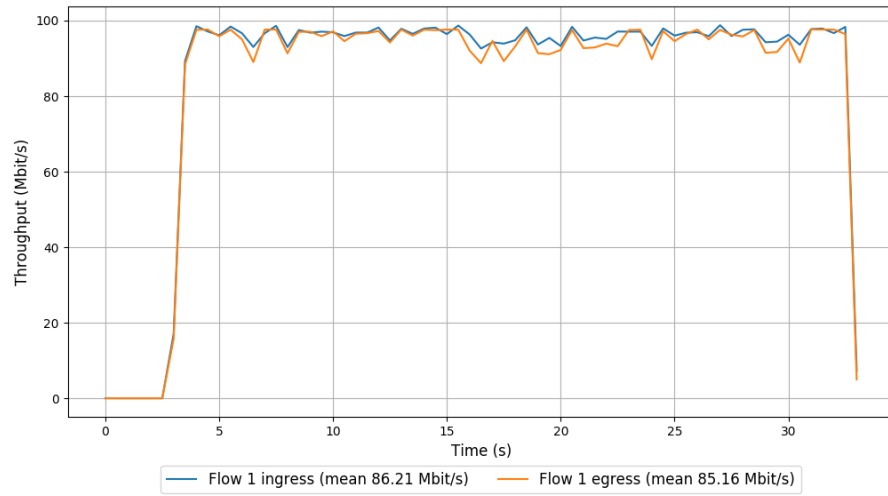
Run 4: Report of CalibratedKoho — Data Link

Flow 1 ingress (mean 86.21 Mbit/s) — Flow 1 egress (mean 85.16 Mbit/s)

· Flow 1 per-packet one-way delay (95th percentile 17.786 ms)

```
Run 5: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 23:08:10 +0000
End at: Thu, 29 Jun 2017 23:08:40 +0000
Local clock offset: 1.426 ms
Remote clock offset: -23.034 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:53:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.80 Mbit/s
95th percentile per-packet one-way delay: 16.706 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 86.80 Mbit/s
95th percentile per-packet one-way delay: 16.706 ms
Loss rate: 0.33%
```
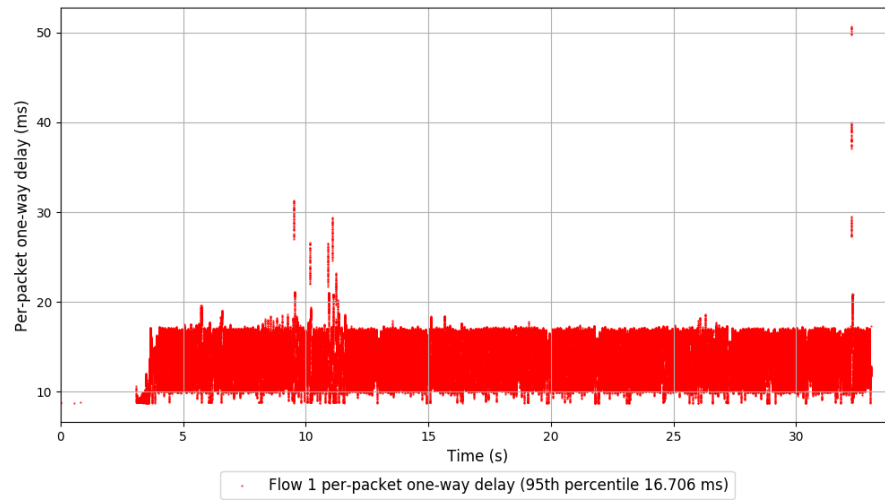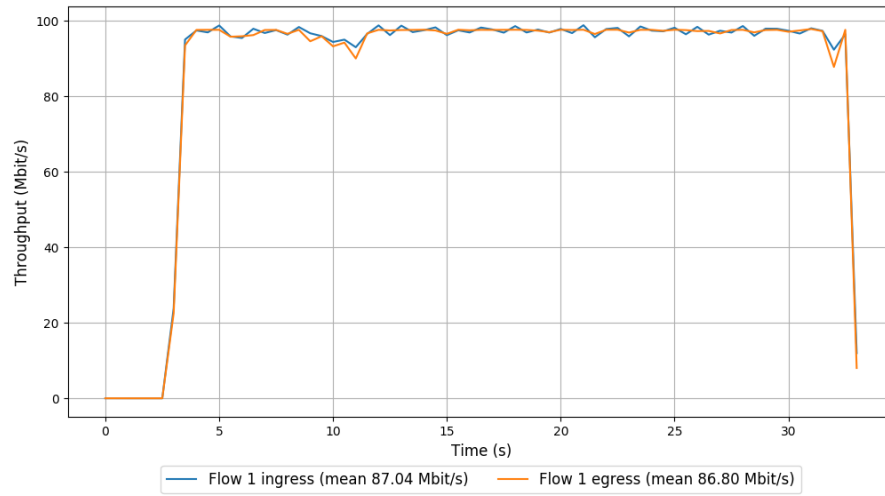
Run 5: Report of CalibratedKoho — Data Link

```
Run 6: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 23:25:42 +0000
End at: Thu, 29 Jun 2017 23:26:12 +0000
Local clock offset: -0.068 ms
Remote clock offset: -23.171 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:53:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.82 Mbit/s
95th percentile per-packet one-way delay: 15.738 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 86.82 Mbit/s
95th percentile per-packet one-way delay: 15.738 ms
Loss rate: 0.37%
```
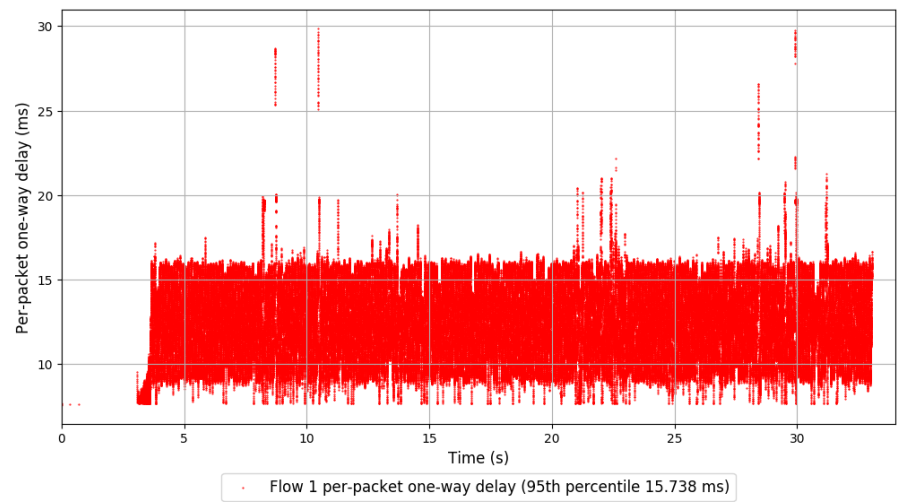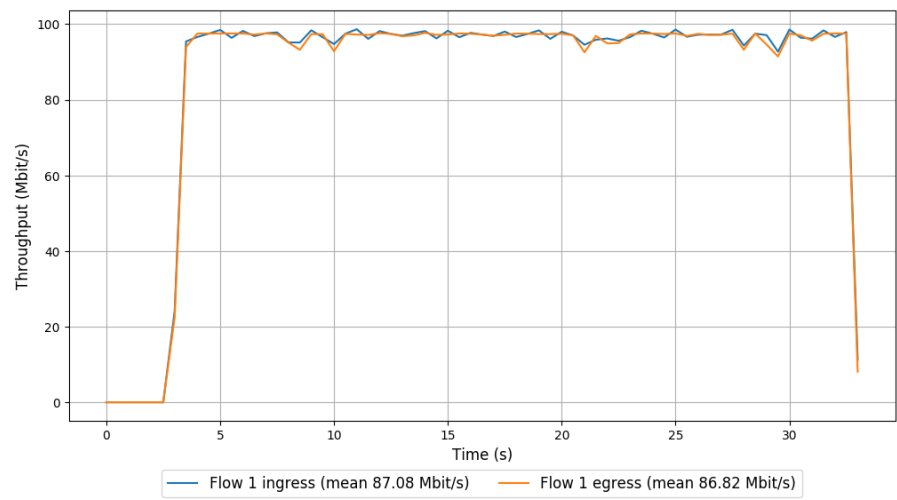
Run 6: Report of CalibratedKoho — Data Link

Flow 1 ingress (mean 87.08 Mbit/s) ——— Flow 1 egress (mean 86.82 Mbit/s)

· Flow 1 per-packet one-way delay (95th percentile 15.738 ms)

```
Run 7: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 23:43:06 +0000
End at: Thu, 29 Jun 2017 23:43:36 +0000
Local clock offset: 1.464 ms
Remote clock offset: -21.601 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:53:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.78 Mbit/s
95th percentile per-packet one-way delay: 16.752 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 86.78 Mbit/s
95th percentile per-packet one-way delay: 16.752 ms
Loss rate: 0.39%
```
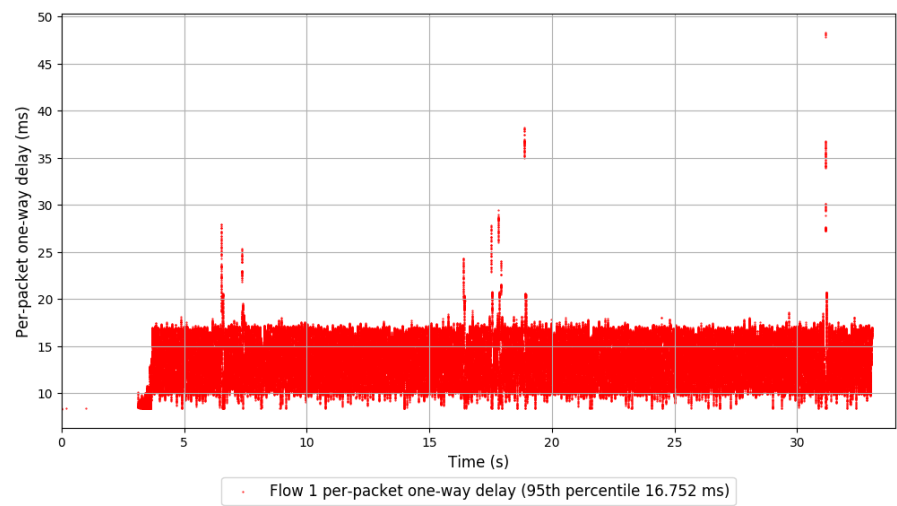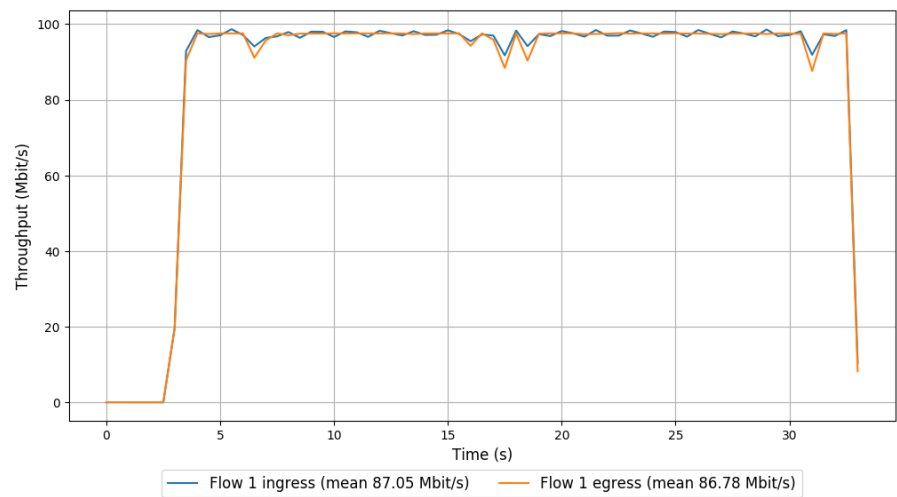
Run 7: Report of CalibratedKoho — Data Link

Flow 1 ingress (mean 87.05 Mbit/s) — Flow 1 egress (mean 86.78 Mbit/s)

. Flow 1 per-packet one-way delay (95th percentile 16.752 ms)

```
Run 8: Statistics of CalibratedKoho

Start at: Fri, 30 Jun 2017 00:00:26 +0000
End at: Fri, 30 Jun 2017 00:00:56 +0000
Local clock offset: -1.81 ms
Remote clock offset: -21.6 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:53:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.22 Mbit/s
95th percentile per-packet one-way delay: 17.714 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 87.22 Mbit/s
95th percentile per-packet one-way delay: 17.714 ms
Loss rate: 0.14%
```
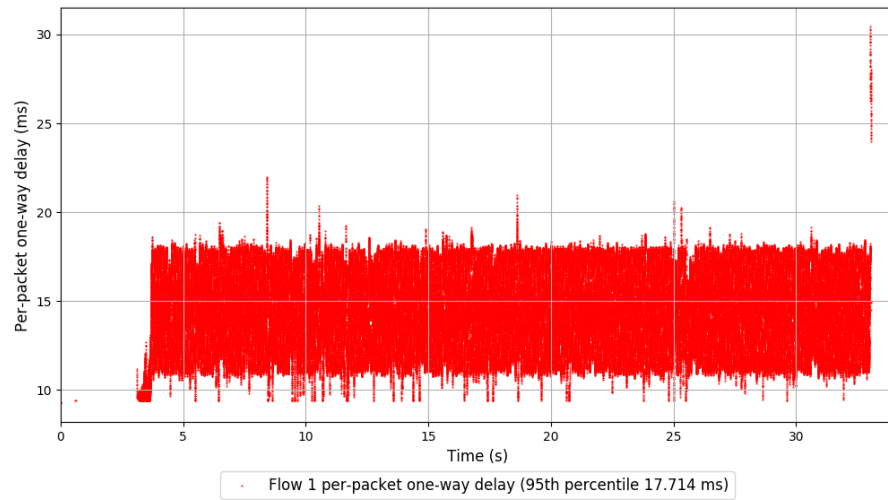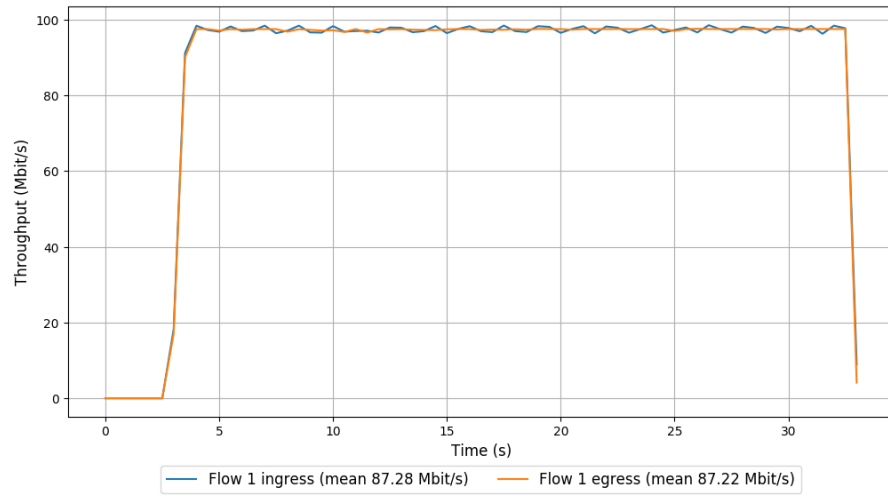
Run 8: Report of CalibratedKoho — Data Link

Flow 1 ingress (mean 87.28 Mbit/s) —— Flow 1 egress (mean 87.22 Mbit/s)

· Flow 1 per-packet one-way delay (95th percentile 17.714 ms)

```
Run 9: Statistics of CalibratedKoho

Start at: Fri, 30 Jun 2017 00:17:53 +0000
End at: Fri, 30 Jun 2017 00:18:23 +0000
Local clock offset: -1.492 ms
Remote clock offset: -19.927 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:53:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.05 Mbit/s
95th percentile per-packet one-way delay: 18.753 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 87.05 Mbit/s
95th percentile per-packet one-way delay: 18.753 ms
Loss rate: 0.25%
```
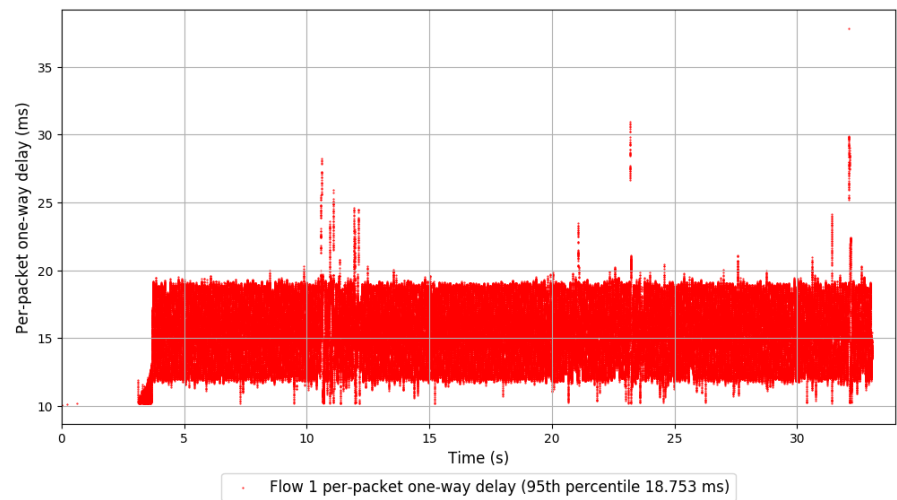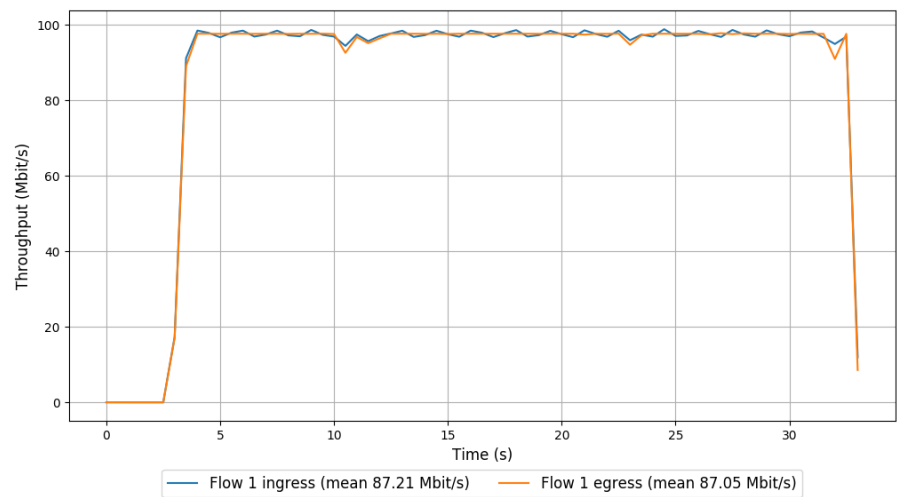
Run 9: Report of CalibratedKoho — Data Link

Flow 1 ingress (mean 87.21 Mbit/s) — Flow 1 egress (mean 87.05 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 18.753 ms)

```
Run 10: Statistics of CalibratedKoho

Start at: Fri, 30 Jun 2017 00:35:15 +0000
End at: Fri, 30 Jun 2017 00:35:45 +0000
Local clock offset: -3.271 ms
Remote clock offset: -20.342 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:53:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.96 Mbit/s
95th percentile per-packet one-way delay: 19.719 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 86.96 Mbit/s
95th percentile per-packet one-way delay: 19.719 ms
Loss rate: 0.27%
```
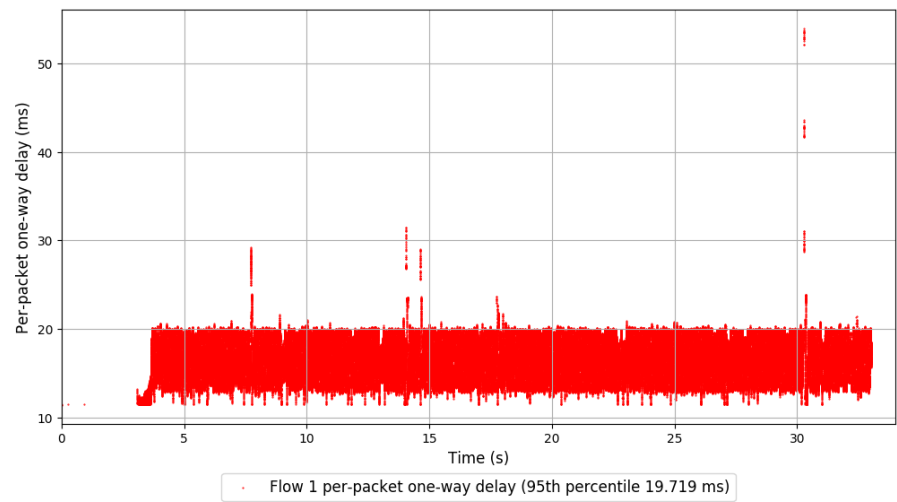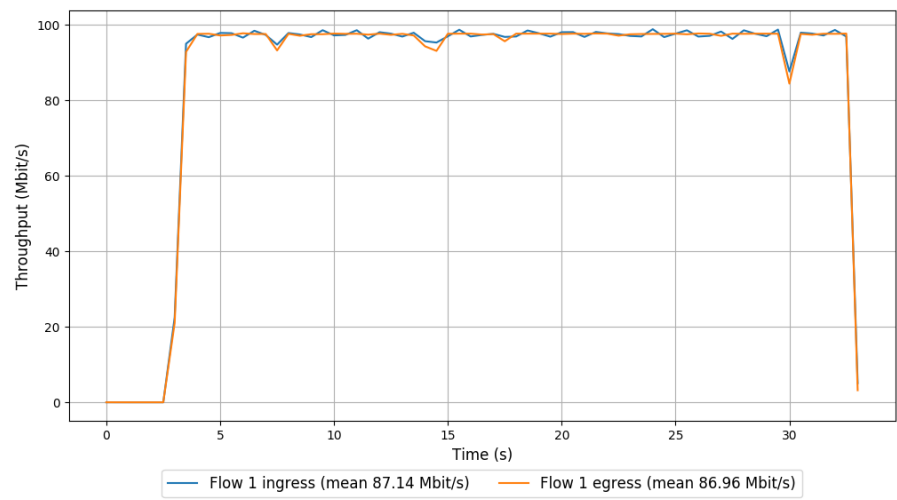
Run 10: Report of CalibratedKoho — Data Link

Flow 1 ingress (mean 87.14 Mbit/s)   Flow 1 egress (mean 86.96 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 19.719 ms)

```
Run 1: Statistics of Copa

Start at: Thu, 29 Jun 2017 22:03:37 +0000
End at: Thu, 29 Jun 2017 22:04:07 +0000
Local clock offset: 2.208 ms
Remote clock offset: -20.162 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:53:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.41 Mbit/s
95th percentile per-packet one-way delay: 9.540 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 49.41 Mbit/s
95th percentile per-packet one-way delay: 9.540 ms
Loss rate: 0.09%
```
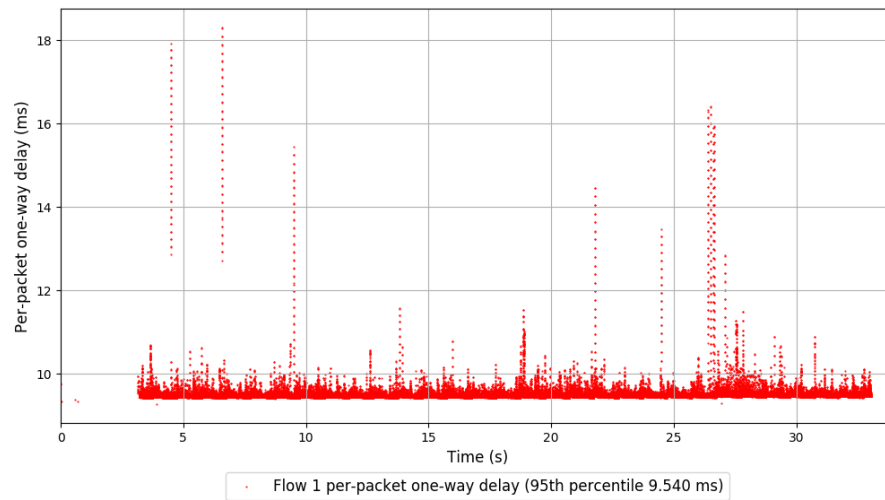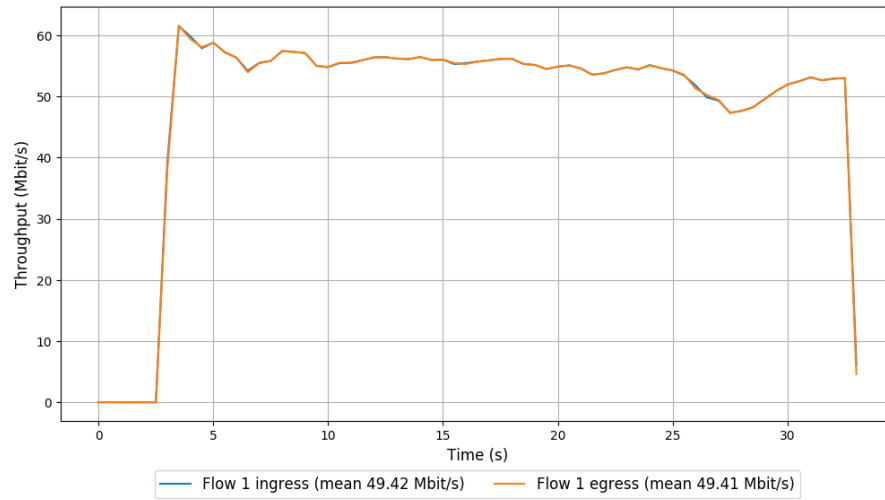
Run 1: Report of Copa — Data Link

Flow 1 ingress (mean 49.42 Mbit/s)   Flow 1 egress (mean 49.41 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 9.540 ms)

```
Run 2: Statistics of Copa

Start at: Thu, 29 Jun 2017 22:21:15 +0000
End at: Thu, 29 Jun 2017 22:21:45 +0000
Local clock offset: -0.58 ms
Remote clock offset: -21.34 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:53:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.06 Mbit/s
95th percentile per-packet one-way delay: 9.916 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 49.06 Mbit/s
95th percentile per-packet one-way delay: 9.916 ms
Loss rate: 0.18%
```
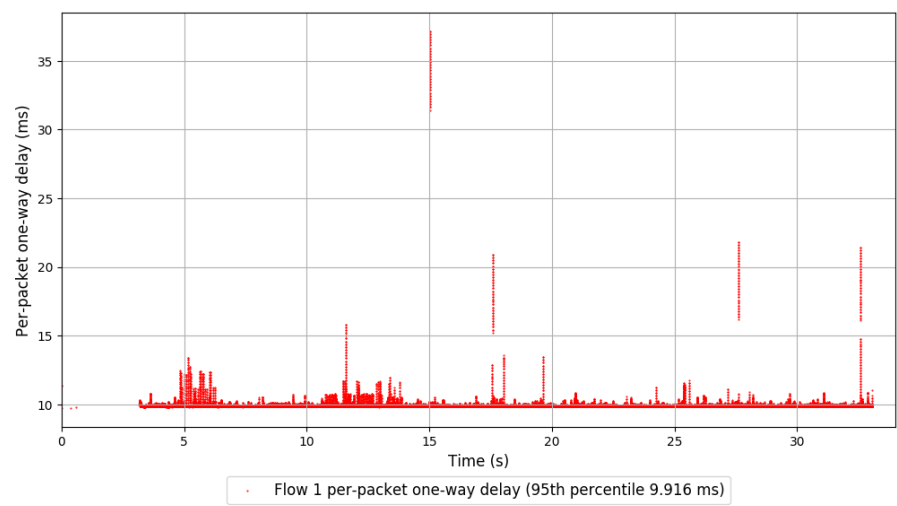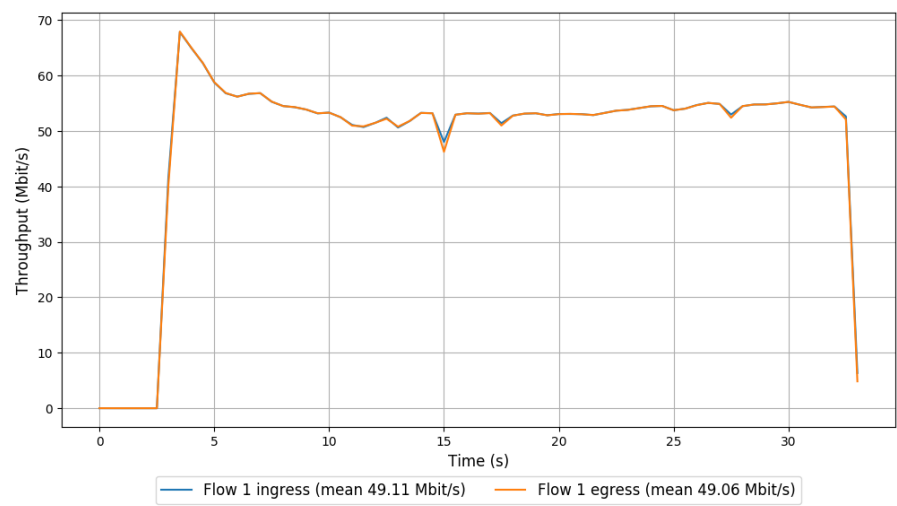
Run 2: Report of Copa — Data Link

Flow 1 ingress (mean 49.11 Mbit/s) — Flow 1 egress (mean 49.06 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 9.916 ms)

```
Run 3: Statistics of Copa

Start at: Thu, 29 Jun 2017 22:38:49 +0000
End at: Thu, 29 Jun 2017 22:39:19 +0000
Local clock offset: 0.691 ms
Remote clock offset: -20.128 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:53:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.07 Mbit/s
95th percentile per-packet one-way delay: 10.437 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 49.07 Mbit/s
95th percentile per-packet one-way delay: 10.437 ms
Loss rate: 0.19%
```
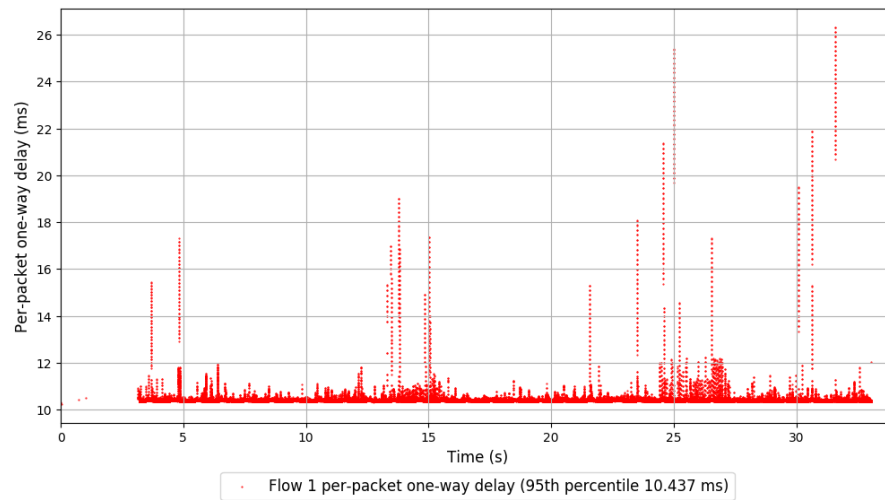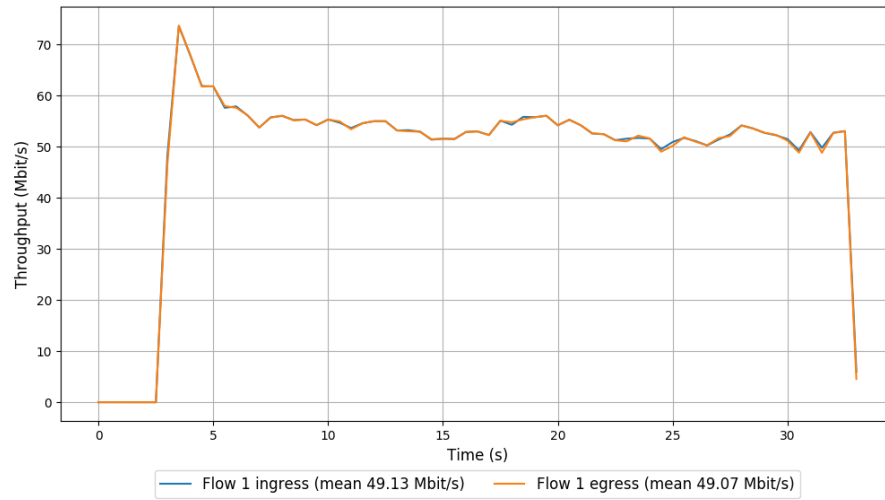
Run 3: Report of Copa — Data Link

```
Run 4: Statistics of Copa

Start at: Thu, 29 Jun 2017 22:56:24 +0000
End at: Thu, 29 Jun 2017 22:56:54 +0000
Local clock offset: 1.305 ms
Remote clock offset: -22.456 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:53:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.56 Mbit/s
95th percentile per-packet one-way delay: 9.411 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 48.56 Mbit/s
95th percentile per-packet one-way delay: 9.411 ms
Loss rate: 0.19%
```
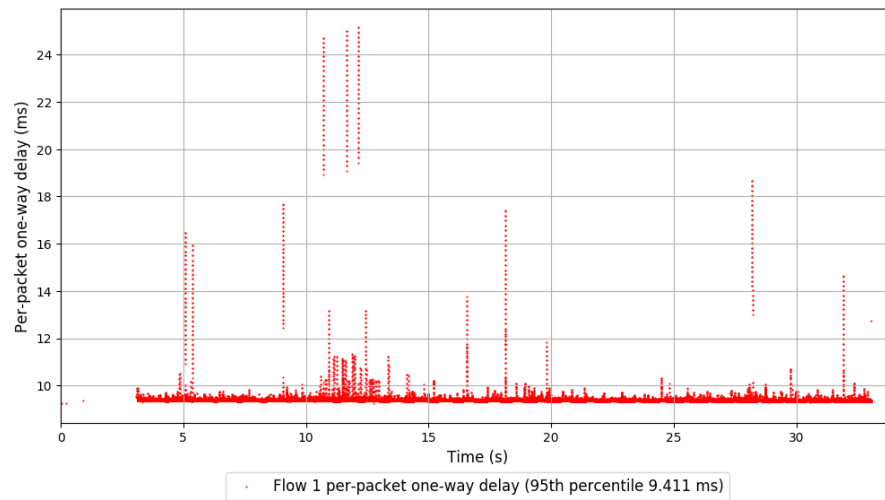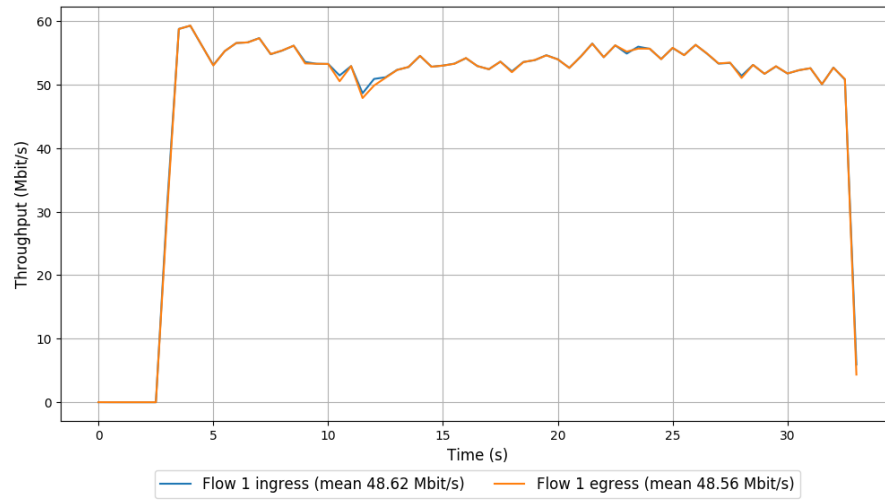
Run 4: Report of Copa — Data Link

Flow 1 ingress (mean 48.62 Mbit/s)   Flow 1 egress (mean 48.56 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 9.411 ms)

```
Run 5: Statistics of Copa

Start at: Thu, 29 Jun 2017 23:14:03 +0000
End at: Thu, 29 Jun 2017 23:14:33 +0000
Local clock offset: -0.926 ms
Remote clock offset: -23.637 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:54:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.83 Mbit/s
95th percentile per-packet one-way delay: 8.412 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 49.83 Mbit/s
95th percentile per-packet one-way delay: 8.412 ms
Loss rate: 0.17%
```
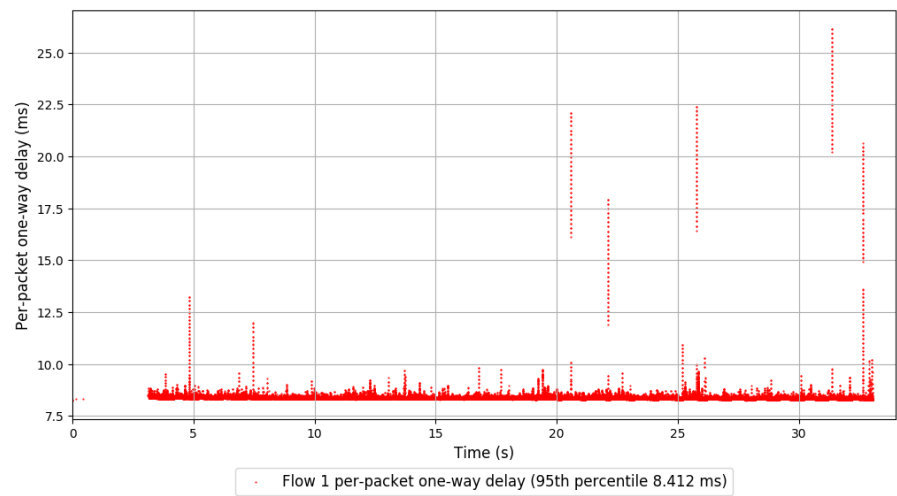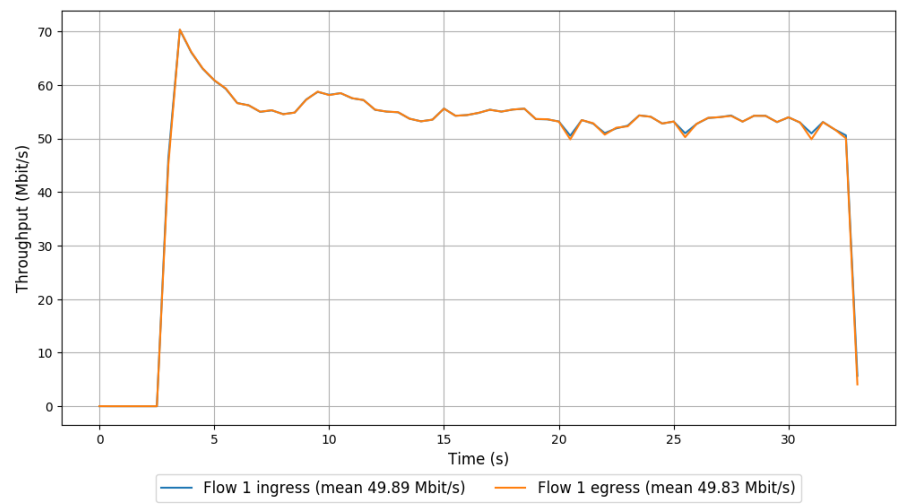
Run 5: Report of Copa — Data Link

Flow 1 ingress (mean 49.89 Mbit/s) — Flow 1 egress (mean 49.83 Mbit/s)

· Flow 1 per-packet one-way delay (95th percentile 8.412 ms)

```
Run 6: Statistics of Copa

Start at: Thu, 29 Jun 2017 23:31:29 +0000
End at: Thu, 29 Jun 2017 23:31:59 +0000
Local clock offset: 1.421 ms
Remote clock offset: -22.45 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:54:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.69 Mbit/s
95th percentile per-packet one-way delay: 7.747 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 49.69 Mbit/s
95th percentile per-packet one-way delay: 7.747 ms
Loss rate: 0.37%
```
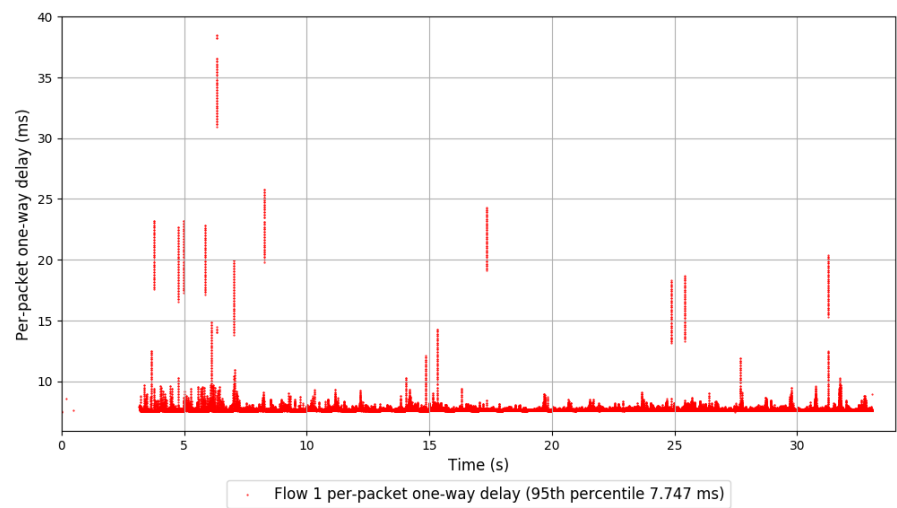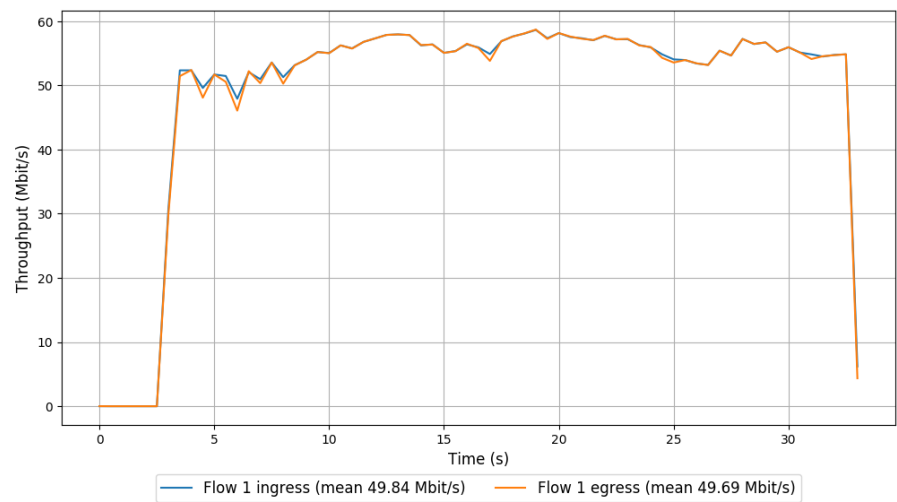
Run 6: Report of Copa — Data Link

Flow 1 ingress (mean 49.84 Mbit/s)   Flow 1 egress (mean 49.69 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 7.747 ms)

```
Run 7: Statistics of Copa

Start at: Thu, 29 Jun 2017 23:48:49 +0000
End at: Thu, 29 Jun 2017 23:49:20 +0000
Local clock offset: -0.979 ms
Remote clock offset: -22.081 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:54:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.00 Mbit/s
95th percentile per-packet one-way delay: 9.335 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 46.00 Mbit/s
95th percentile per-packet one-way delay: 9.335 ms
Loss rate: 0.20%
```
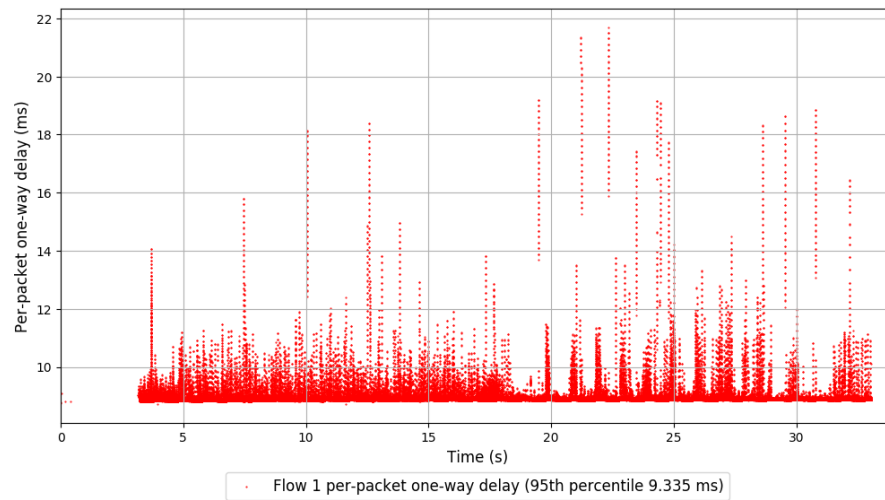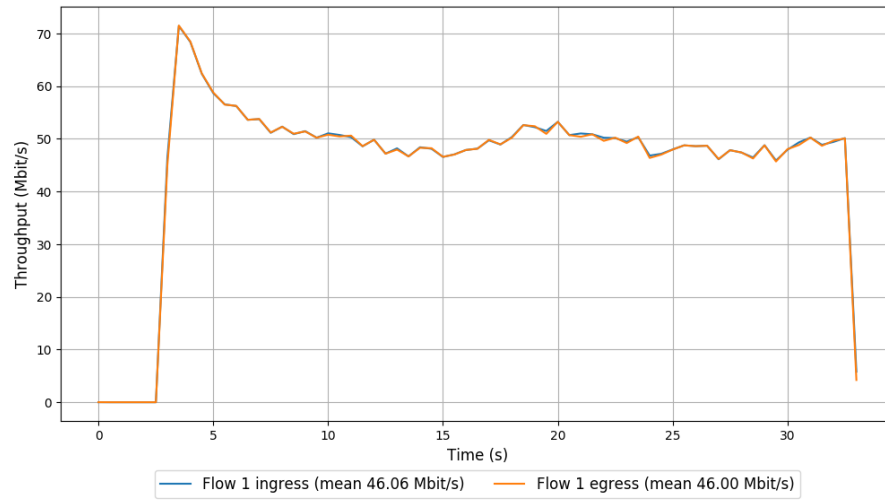
Run 7: Report of Copa — Data Link

Flow 1 ingress (mean 46.06 Mbit/s) —— Flow 1 egress (mean 46.00 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 9.335 ms)

```
Run 8: Statistics of Copa

Start at: Fri, 30 Jun 2017 00:06:12 +0000
End at: Fri, 30 Jun 2017 00:06:42 +0000
Local clock offset: -0.757 ms
Remote clock offset: -21.04 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:54:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.79 Mbit/s
95th percentile per-packet one-way delay: 9.390 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 48.79 Mbit/s
95th percentile per-packet one-way delay: 9.390 ms
Loss rate: 0.22%
```
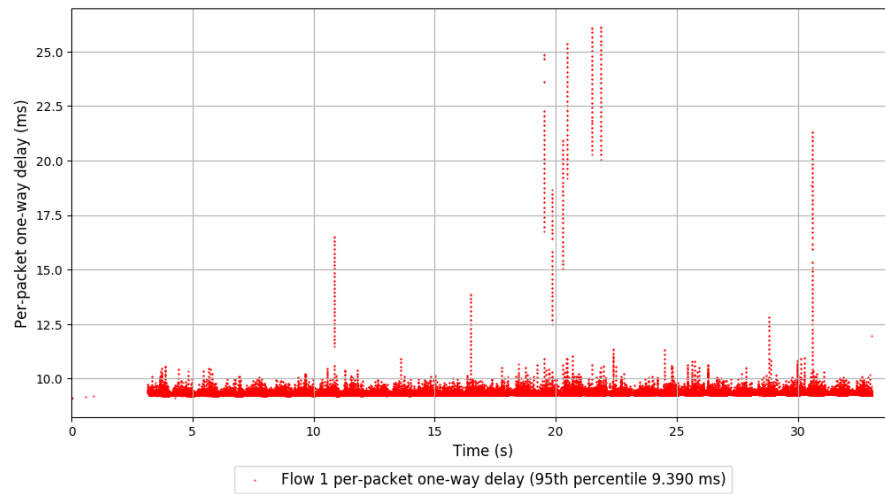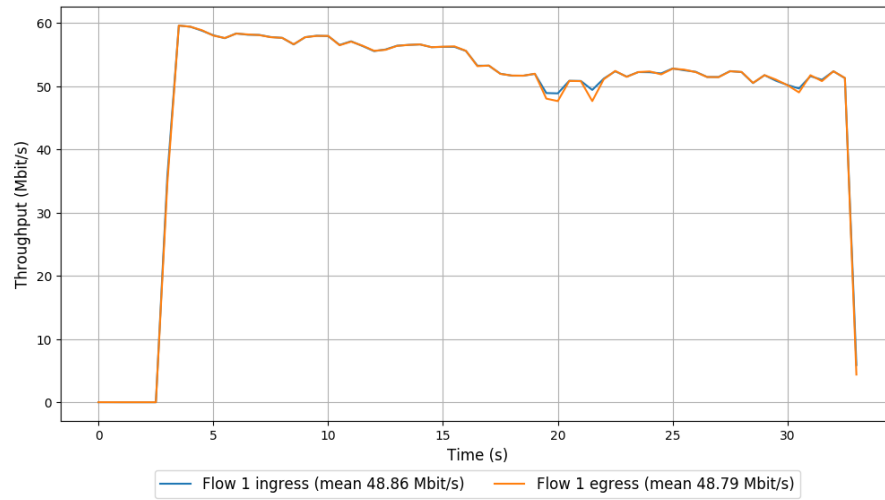
Run 8: Report of Copa — Data Link

Flow 1 ingress (mean 48.86 Mbit/s)   Flow 1 egress (mean 48.79 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 9.390 ms)

```
Run 9: Statistics of Copa

Start at: Fri, 30 Jun 2017 00:23:38 +0000
End at: Fri, 30 Jun 2017 00:24:08 +0000
Local clock offset: -2.058 ms
Remote clock offset: -19.106 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:54:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.83 Mbit/s
95th percentile per-packet one-way delay: 10.784 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 46.83 Mbit/s
95th percentile per-packet one-way delay: 10.784 ms
Loss rate: 0.13%
```
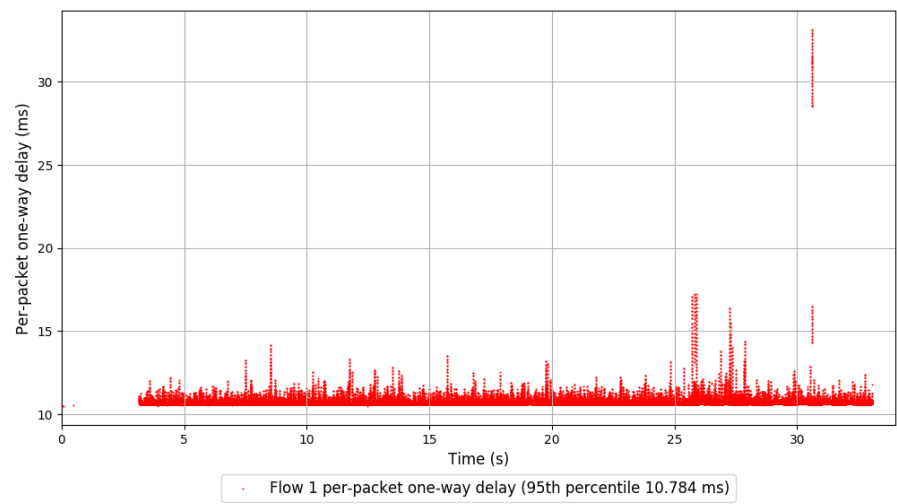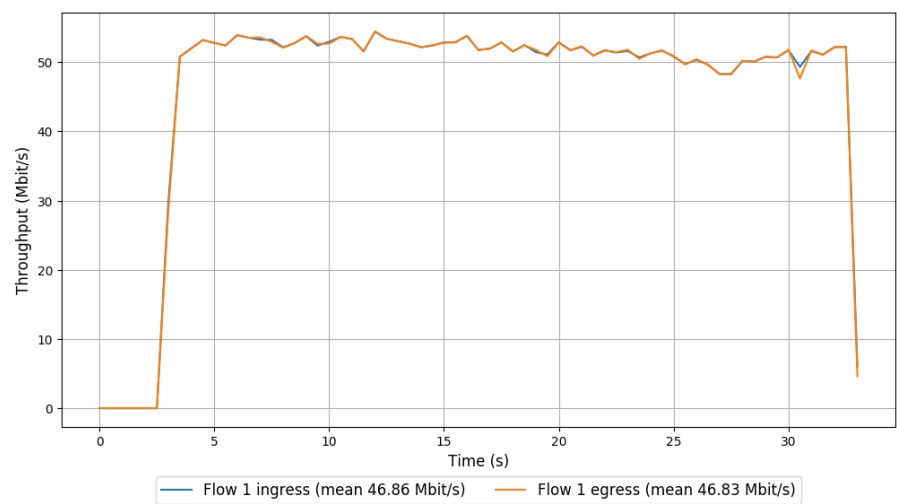
Run 9: Report of Copa — Data Link

Flow 1 ingress (mean 46.86 Mbit/s)   Flow 1 egress (mean 46.83 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 10.784 ms)

```
Run 10: Statistics of Copa

Start at: Fri, 30 Jun 2017 00:41:03 +0000
End at: Fri, 30 Jun 2017 00:41:33 +0000
Local clock offset: -1.1 ms
Remote clock offset: -20.438 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:54:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.62 Mbit/s
95th percentile per-packet one-way delay: 11.863 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 46.62 Mbit/s
95th percentile per-packet one-way delay: 11.863 ms
Loss rate: 0.23%
```
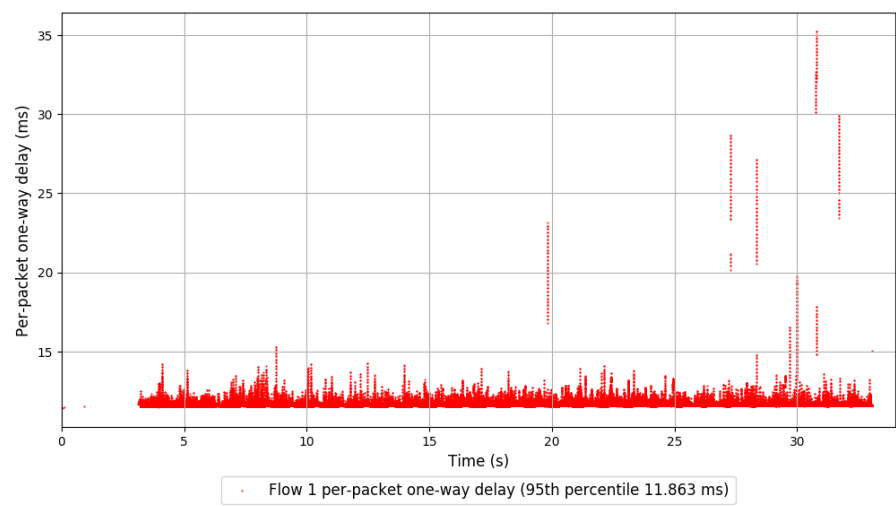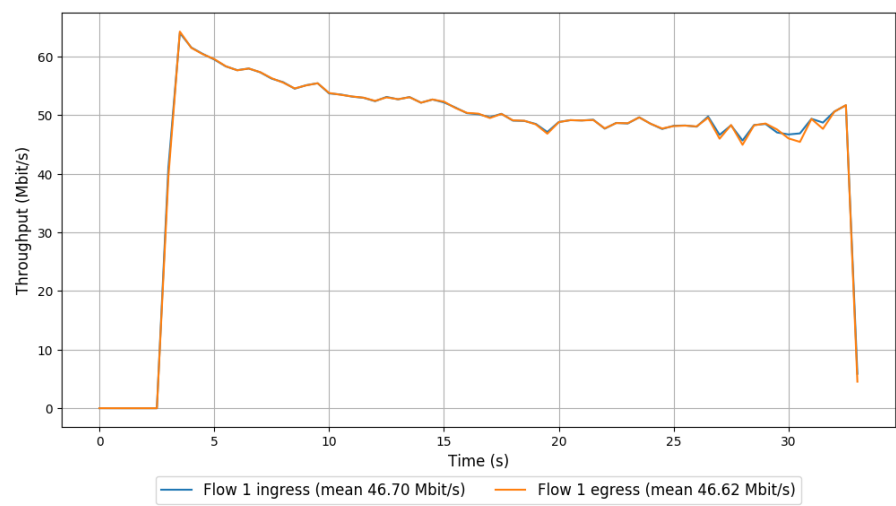
Run 10: Report of Copa — Data Link

Flow 1 ingress (mean 46.70 Mbit/s)   Flow 1 egress (mean 46.62 Mbit/s)

·   Flow 1 per-packet one-way delay (95th percentile 11.863 ms)

```
Run 1: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 22:06:03 +0000
End at: Thu, 29 Jun 2017 22:06:33 +0000
Local clock offset: -0.32 ms
Remote clock offset: -22.098 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:54:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.06 Mbit/s
95th percentile per-packet one-way delay: 21.739 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 84.06 Mbit/s
95th percentile per-packet one-way delay: 21.739 ms
Loss rate: 0.25%
```
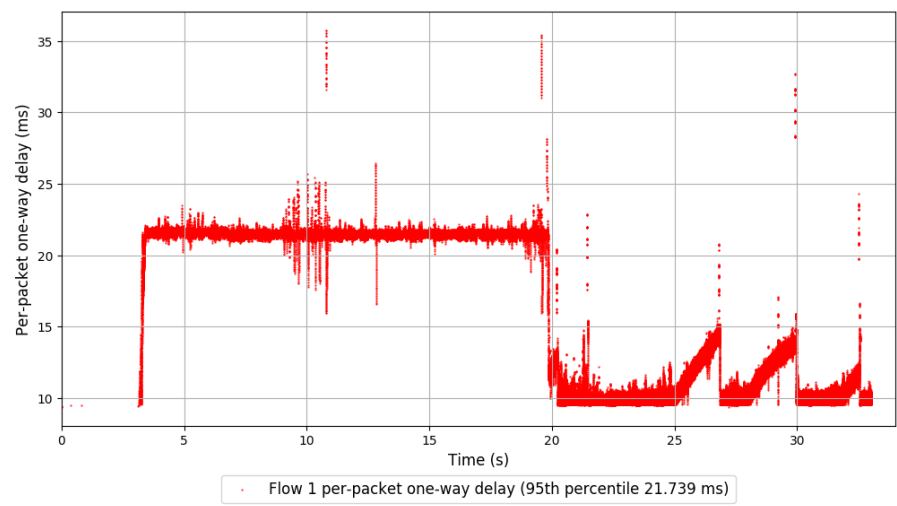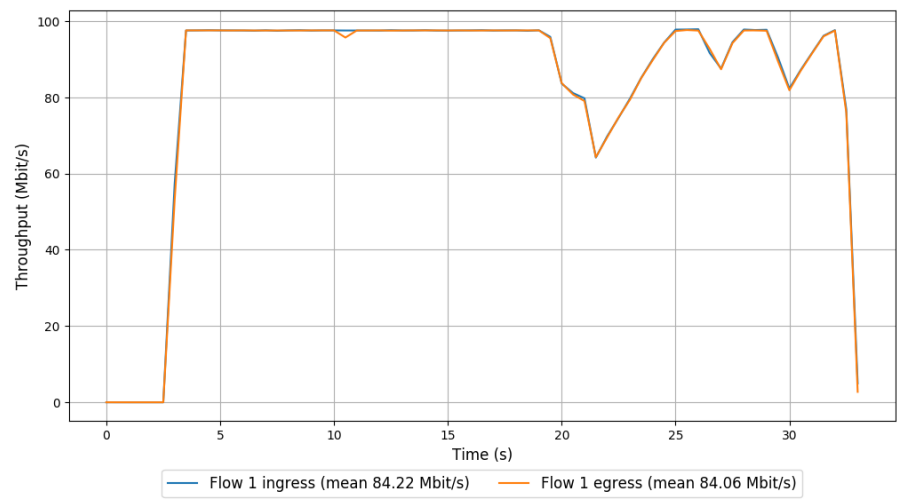
Run 1: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 84.22 Mbit/s) — Flow 1 egress (mean 84.06 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 21.739 ms)

```
Run 2: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 22:23:38 +0000
End at: Thu, 29 Jun 2017 22:24:08 +0000
Local clock offset: 2.08 ms
Remote clock offset: -19.396 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:54:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.57 Mbit/s
95th percentile per-packet one-way delay: 22.237 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 84.57 Mbit/s
95th percentile per-packet one-way delay: 22.237 ms
Loss rate: 0.22%
```
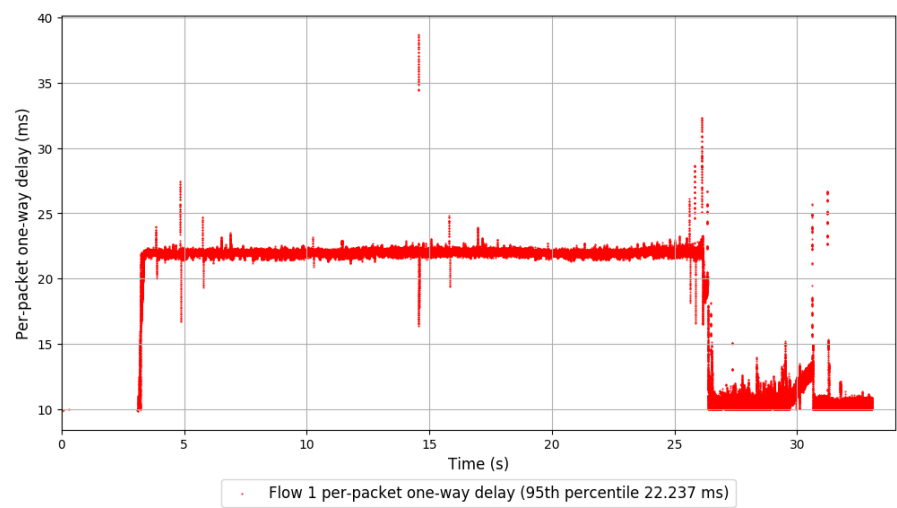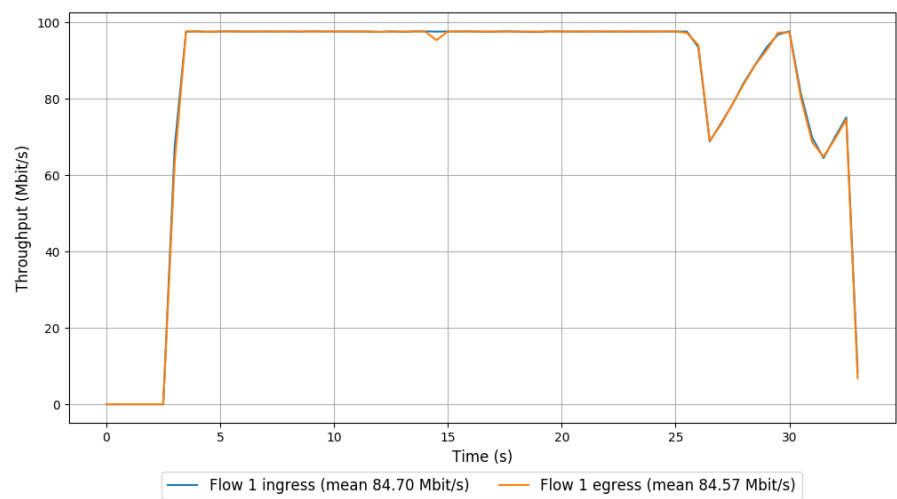
Run 2: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 84.70 Mbit/s) —— Flow 1 egress (mean 84.57 Mbit/s)

· Flow 1 per-packet one-way delay (95th percentile 22.237 ms)

```
Run 3: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 22:41:13 +0000
End at: Thu, 29 Jun 2017 22:41:43 +0000
Local clock offset: 1.076 ms
Remote clock offset: -21.687 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:55:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.93 Mbit/s
95th percentile per-packet one-way delay: 22.575 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 87.93 Mbit/s
95th percentile per-packet one-way delay: 22.575 ms
Loss rate: 0.21%
```
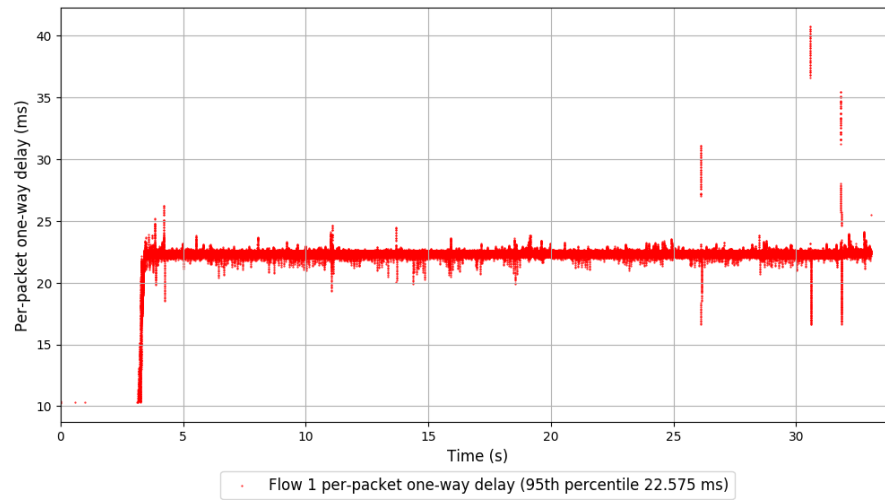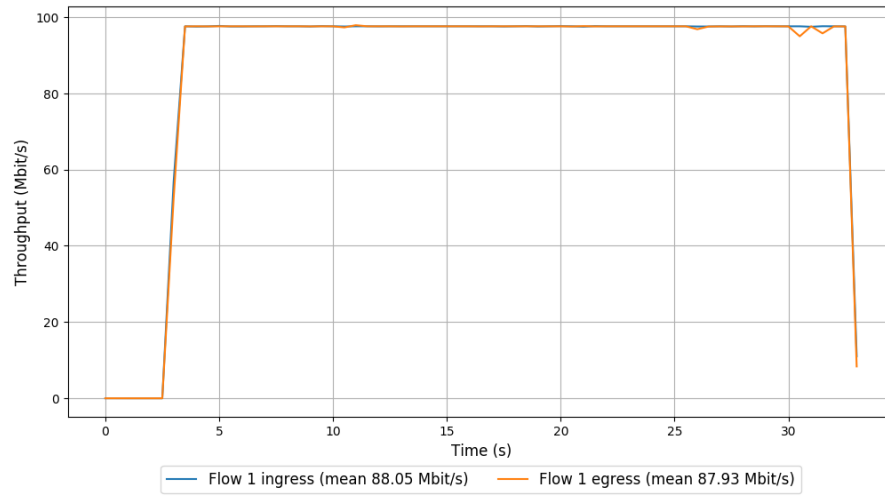
Run 3: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 88.05 Mbit/s)   Flow 1 egress (mean 87.93 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 22.575 ms)

```
Run 4: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 22:58:45 +0000
End at: Thu, 29 Jun 2017 22:59:15 +0000
Local clock offset: -1.11 ms
Remote clock offset: -20.245 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:55:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.35 Mbit/s
95th percentile per-packet one-way delay: 21.381 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 78.35 Mbit/s
95th percentile per-packet one-way delay: 21.381 ms
Loss rate: 0.14%
```
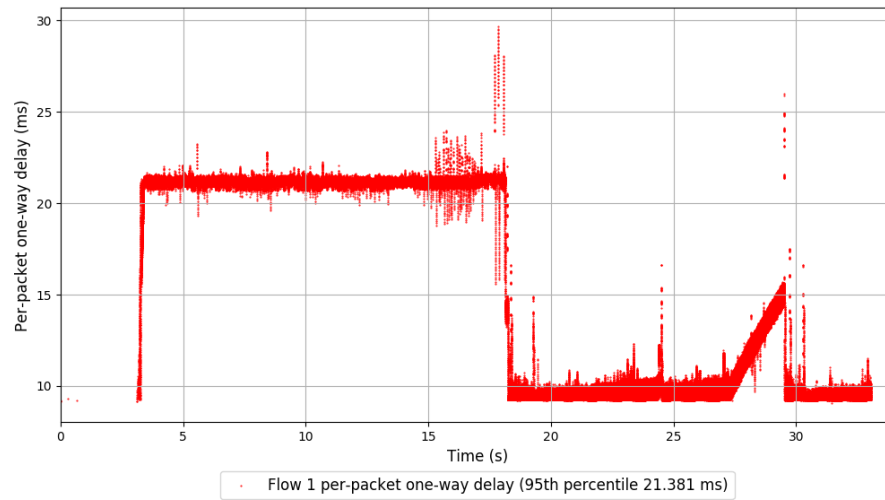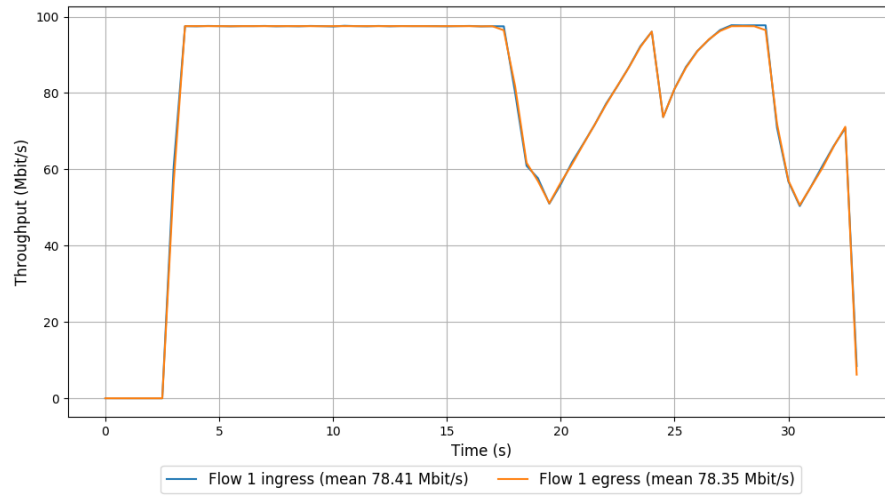
Run 4: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 78.41 Mbit/s) —— Flow 1 egress (mean 78.35 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 21.381 ms)

```
Run 5: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 23:16:23 +0000
End at: Thu, 29 Jun 2017 23:16:53 +0000
Local clock offset: -1.363 ms
Remote clock offset: -24.066 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:55:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.03 Mbit/s
95th percentile per-packet one-way delay: 20.415 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 88.03 Mbit/s
95th percentile per-packet one-way delay: 20.415 ms
Loss rate: 0.25%
```
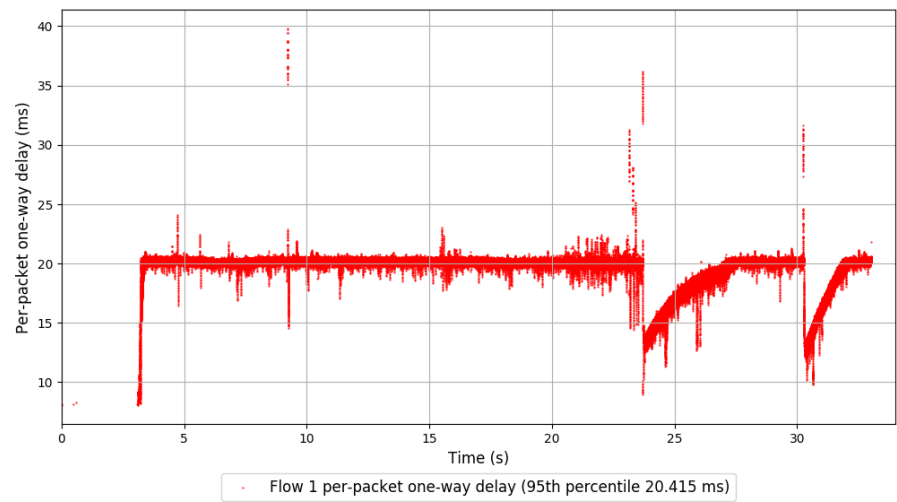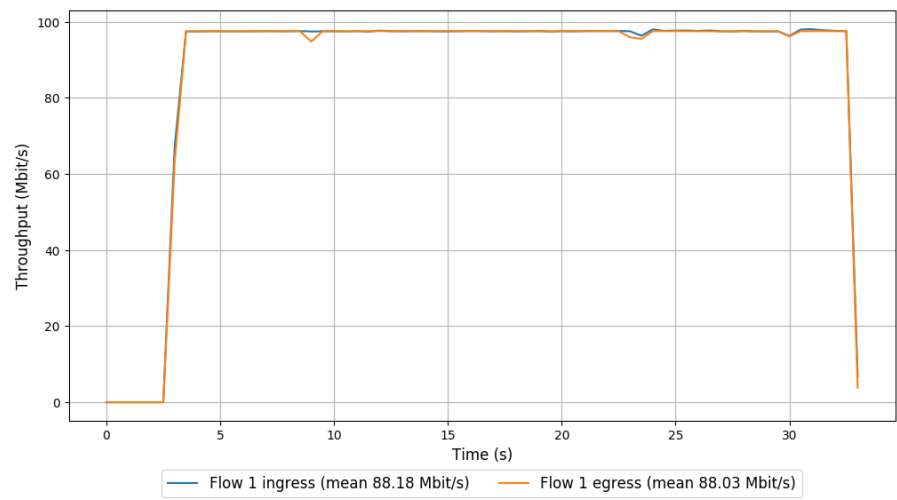
Run 5: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 88.18 Mbit/s) —— Flow 1 egress (mean 88.03 Mbit/s)

· Flow 1 per-packet one-way delay (95th percentile 20.415 ms)

```
Run 6: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 23:33:47 +0000
End at: Thu, 29 Jun 2017 23:34:17 +0000
Local clock offset: -1.639 ms
Remote clock offset: -24.171 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:55:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.02 Mbit/s
95th percentile per-packet one-way delay: 20.062 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 79.02 Mbit/s
95th percentile per-packet one-way delay: 20.062 ms
Loss rate: 0.25%
```
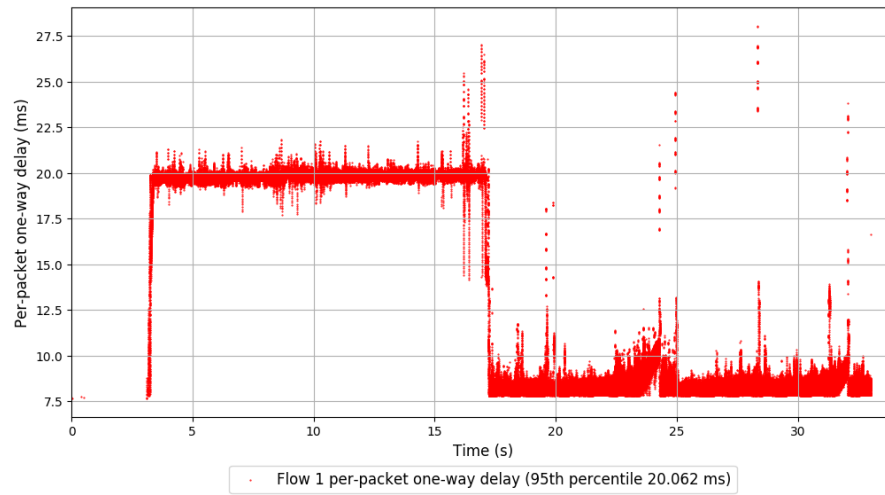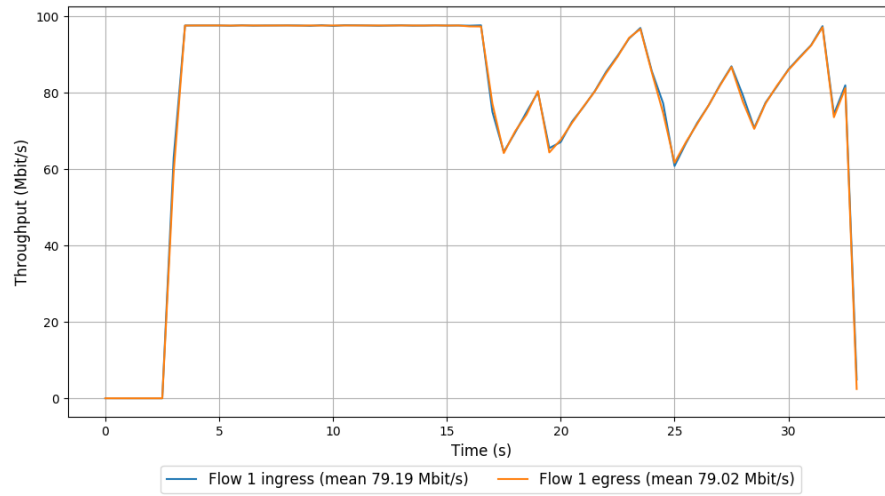
Run 6: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 79.19 Mbit/s) — Flow 1 egress (mean 79.02 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 20.062 ms)

```
Run 7: Statistics of TCP Cubic

Start at: Thu, 29 Jun 2017 23:51:11 +0000
End at: Thu, 29 Jun 2017 23:51:41 +0000
Local clock offset: -1.027 ms
Remote clock offset: -20.829 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:55:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.31 Mbit/s
95th percentile per-packet one-way delay: 21.331 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 87.31 Mbit/s
95th percentile per-packet one-way delay: 21.331 ms
Loss rate: 0.26%
```
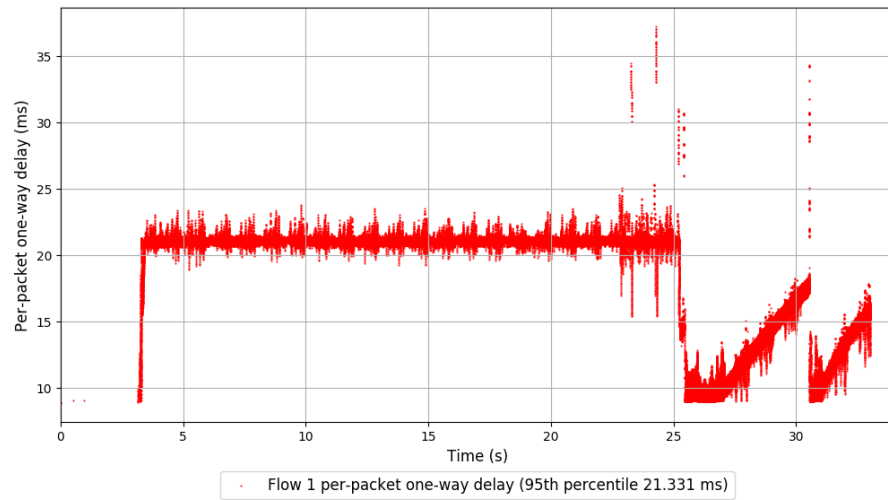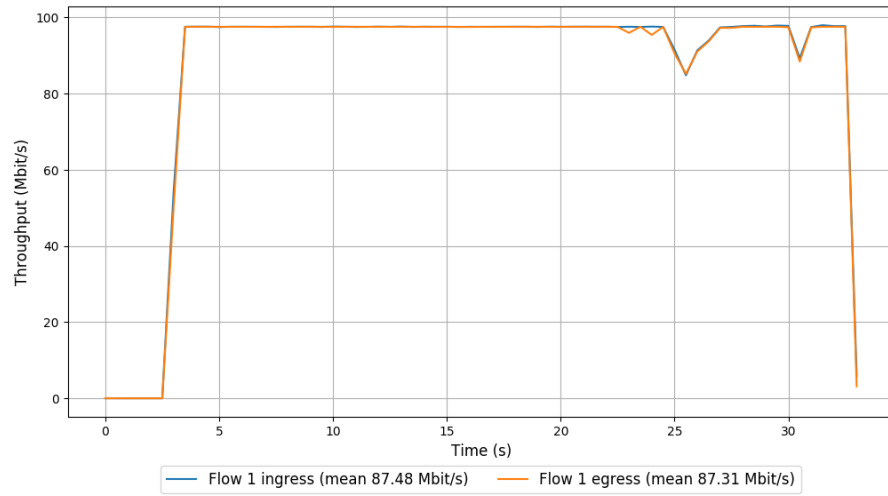
Run 7: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 87.48 Mbit/s) —— Flow 1 egress (mean 87.31 Mbit/s)

· Flow 1 per-packet one-way delay (95th percentile 21.331 ms)

```
Run 8: Statistics of TCP Cubic

Start at: Fri, 30 Jun 2017 00:08:35 +0000
End at: Fri, 30 Jun 2017 00:09:05 +0000
Local clock offset: -1.075 ms
Remote clock offset: -22.041 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:55:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.10 Mbit/s
95th percentile per-packet one-way delay: 21.771 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 88.10 Mbit/s
95th percentile per-packet one-way delay: 21.771 ms
Loss rate: 0.21%
```
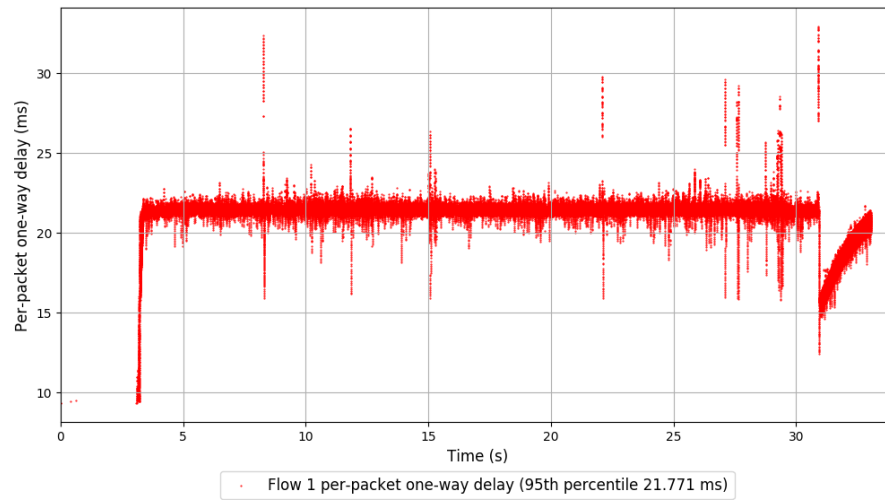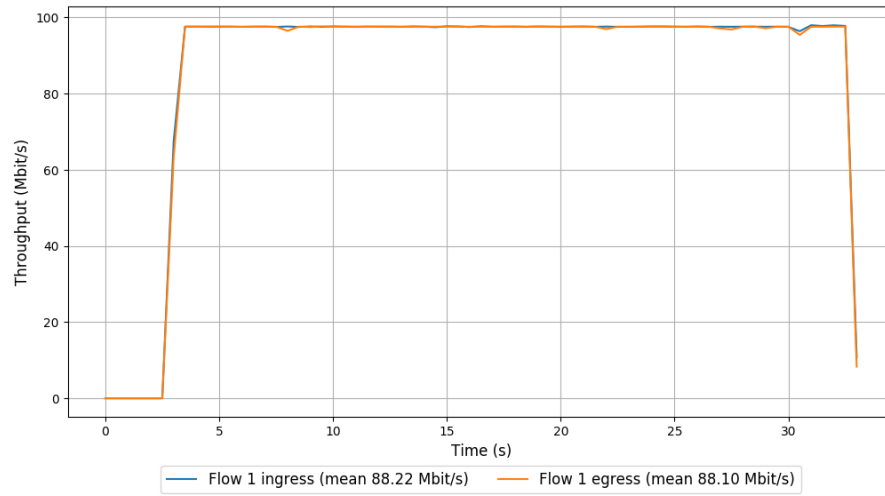
Run 8: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 88.22 Mbit/s) ——— Flow 1 egress (mean 88.10 Mbit/s)

· Flow 1 per-packet one-way delay (95th percentile 21.771 ms)

```
Run 9: Statistics of TCP Cubic

Start at: Fri, 30 Jun 2017 00:26:00 +0000
End at: Fri, 30 Jun 2017 00:26:30 +0000
Local clock offset: -1.424 ms
Remote clock offset: -20.729 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:55:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.34 Mbit/s
95th percentile per-packet one-way delay: 15.330 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 72.34 Mbit/s
95th percentile per-packet one-way delay: 15.330 ms
Loss rate: 0.36%
```
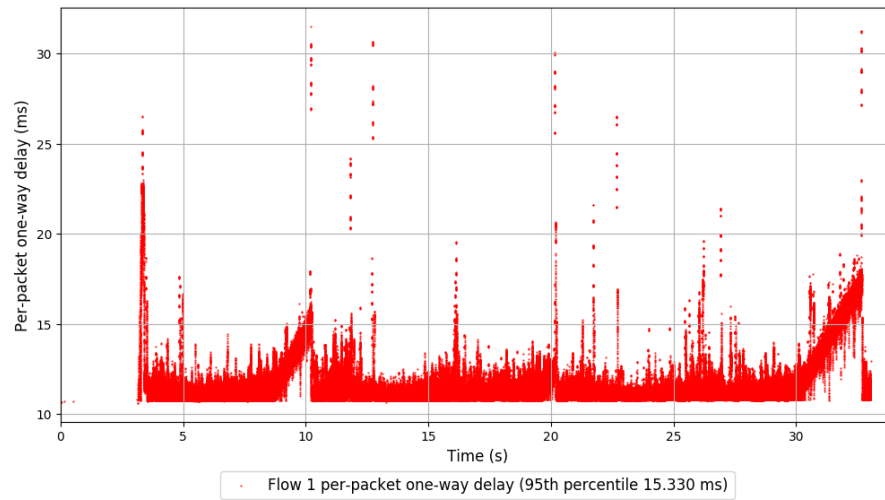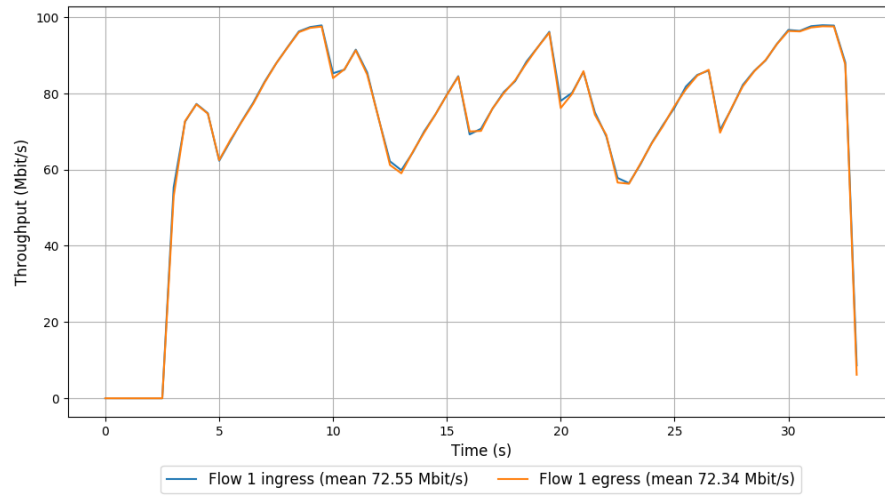
Run 9: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 72.55 Mbit/s)   Flow 1 egress (mean 72.34 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 15.330 ms)

```
Run 10: Statistics of TCP Cubic

Start at: Fri, 30 Jun 2017 00:43:27 +0000
End at: Fri, 30 Jun 2017 00:43:57 +0000
Local clock offset: -1.393 ms
Remote clock offset: -19.492 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:55:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.86 Mbit/s
95th percentile per-packet one-way delay: 24.050 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 87.86 Mbit/s
95th percentile per-packet one-way delay: 24.050 ms
Loss rate: 0.23%
```
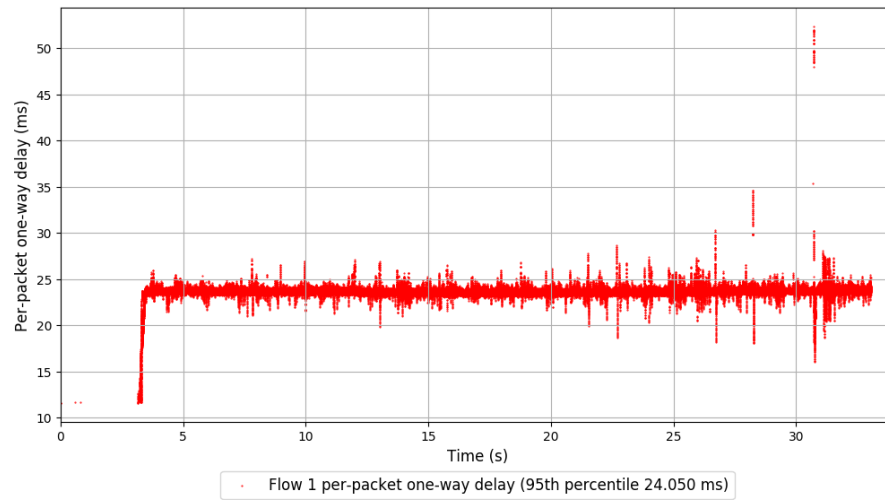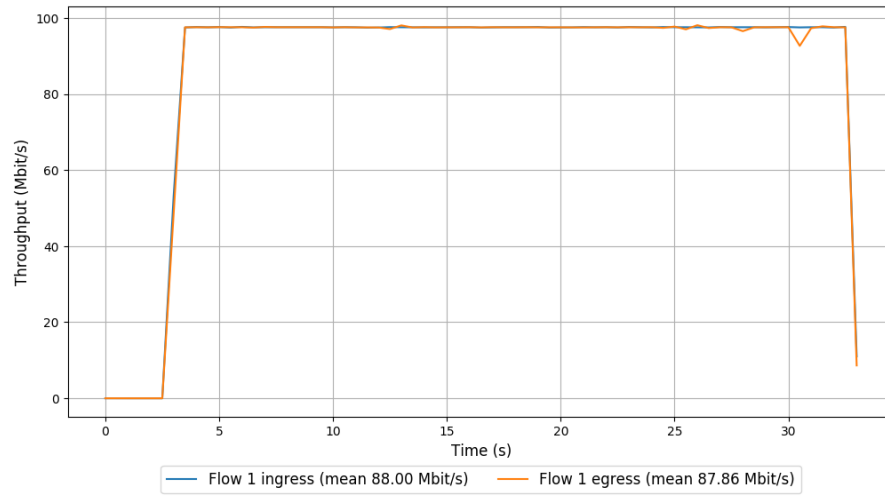
Run 10: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 88.00 Mbit/s)   Flow 1 egress (mean 87.86 Mbit/s)

·   Flow 1 per-packet one-way delay (95th percentile 24.050 ms)

```
Run 1: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 22:10:37 +0000
End at: Thu, 29 Jun 2017 22:11:07 +0000
Local clock offset: 1.536 ms
Remote clock offset: -20.225 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:55:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.67 Mbit/s
95th percentile per-packet one-way delay: 10.142 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 45.67 Mbit/s
95th percentile per-packet one-way delay: 10.142 ms
Loss rate: 0.11%
```
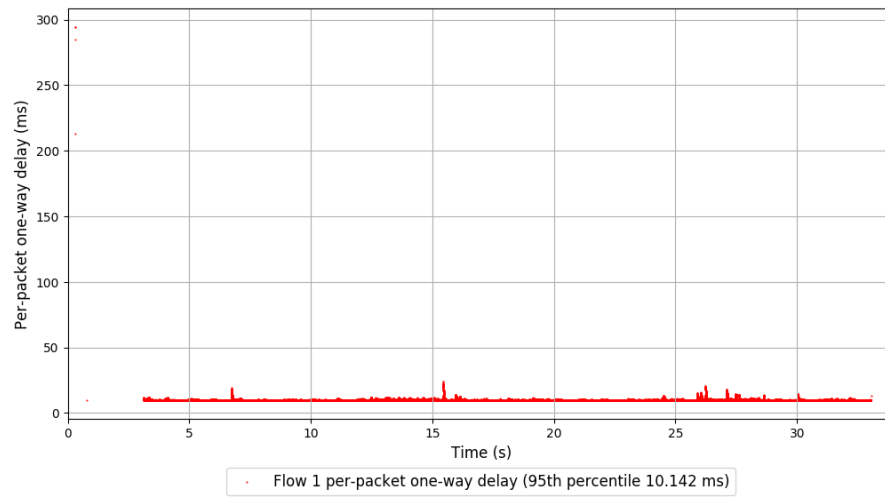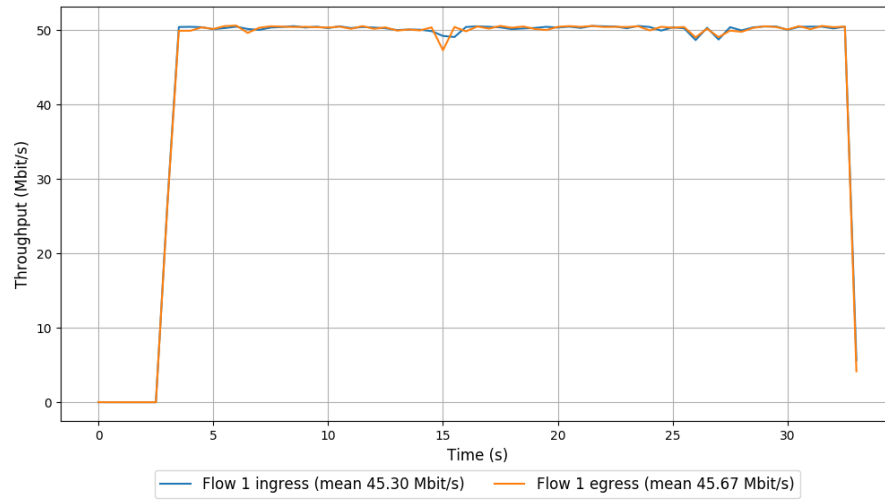
Run 1: Report of KohoCC — Data Link

Flow 1 ingress (mean 45.30 Mbit/s)   Flow 1 egress (mean 45.67 Mbit/s)

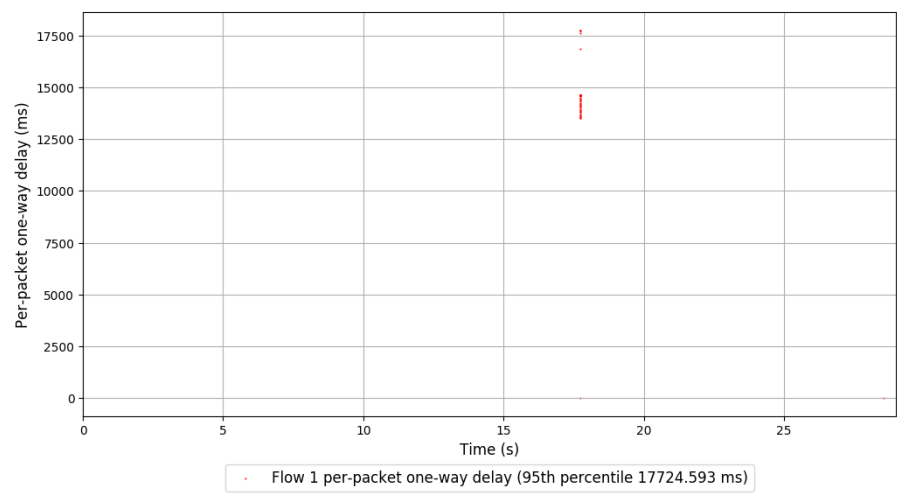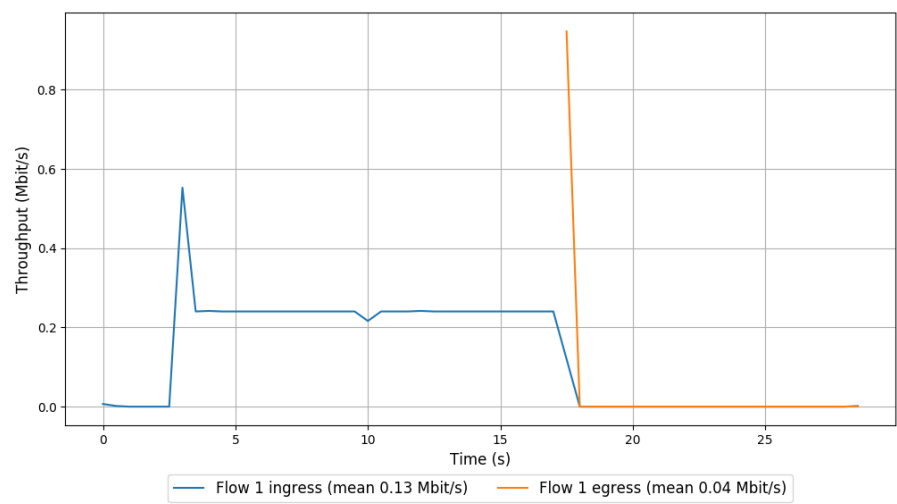Flow 1 per-packet one-way delay (95th percentile 10.142 ms)

```
Run 2: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 22:28:10 +0000
End at: Thu, 29 Jun 2017 22:28:40 +0000
Local clock offset: 2.223 ms
Remote clock offset: -20.813 ms
```

Run 2: Report of KohoCC — Data Link

```
Run 3: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 22:45:45 +0000
End at: Thu, 29 Jun 2017 22:46:15 +0000
Local clock offset: -1.464 ms
Remote clock offset: -22.356 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:55:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.05 Mbit/s
95th percentile per-packet one-way delay: 10.721 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 45.05 Mbit/s
95th percentile per-packet one-way delay: 10.721 ms
Loss rate: 0.13%
```
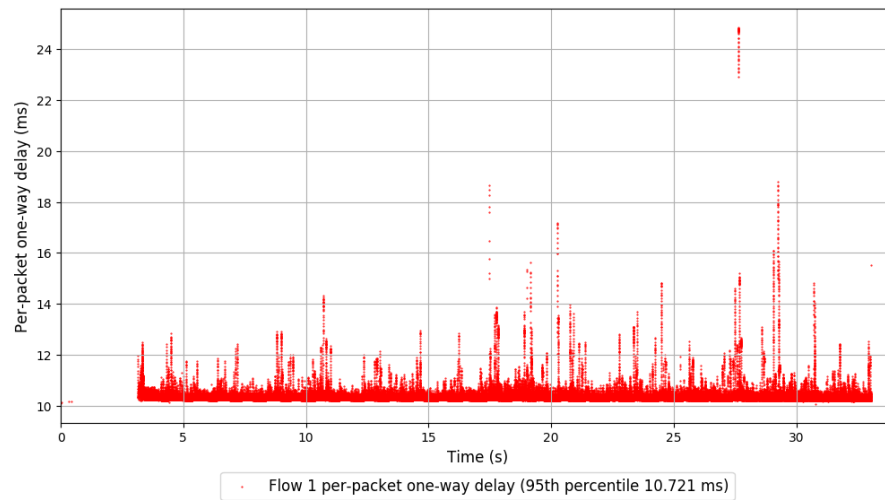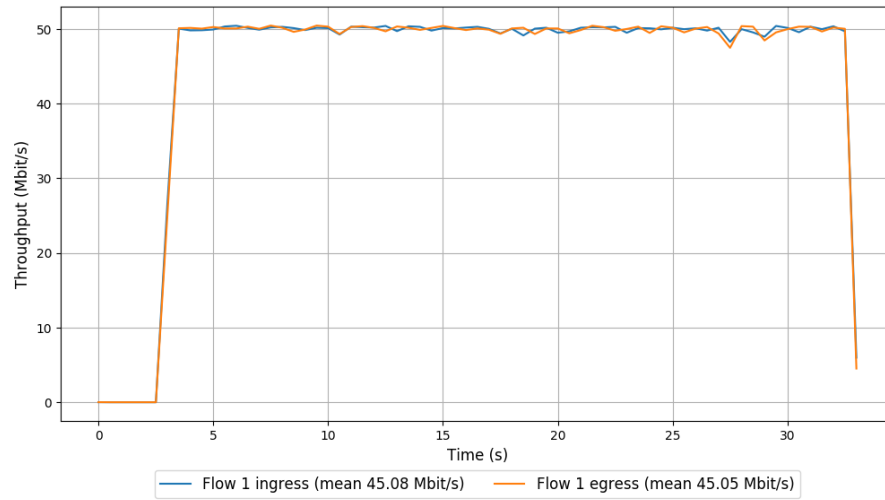
Run 3: Report of KohoCC — Data Link

Flow 1 ingress (mean 45.08 Mbit/s) — Flow 1 egress (mean 45.05 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 10.721 ms)

```
Run 4: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 23:03:14 +0000
End at: Thu, 29 Jun 2017 23:03:44 +0000
Local clock offset: 0.999 ms
Remote clock offset: -22.075 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:55:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.54 Mbit/s
95th percentile per-packet one-way delay: 9.245 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 49.54 Mbit/s
95th percentile per-packet one-way delay: 9.245 ms
Loss rate: 0.08%
```
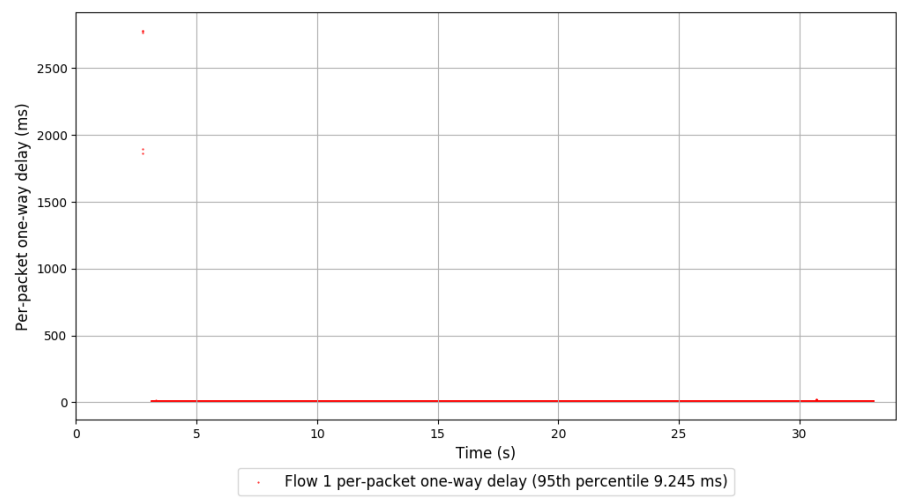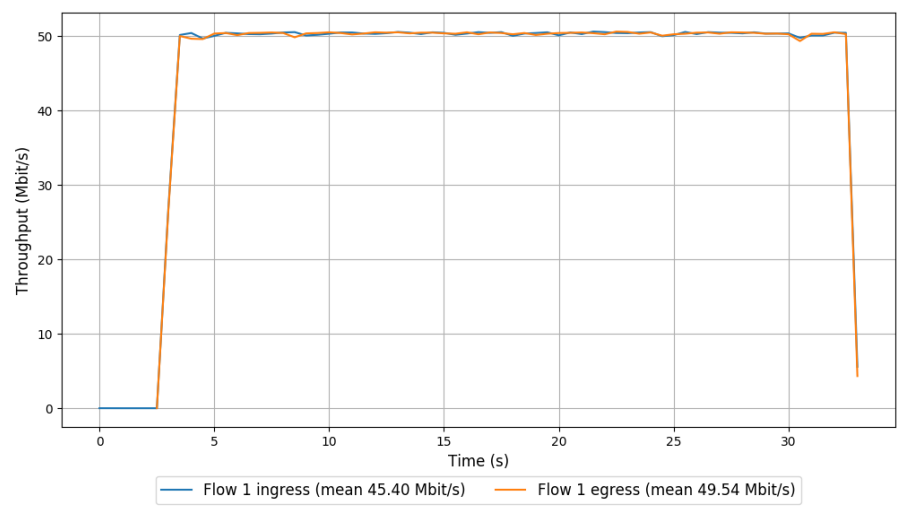
Run 4: Report of KohoCC — Data Link

Flow 1 ingress (mean 45.40 Mbit/s)   Flow 1 egress (mean 49.54 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 9.245 ms)

```
Run 5: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 23:20:51 +0000
End at: Thu, 29 Jun 2017 23:21:21 +0000
Local clock offset: -0.795 ms
Remote clock offset: -21.594 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:55:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.37 Mbit/s
95th percentile per-packet one-way delay: 8.166 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 45.37 Mbit/s
95th percentile per-packet one-way delay: 8.166 ms
Loss rate: 0.09%
```
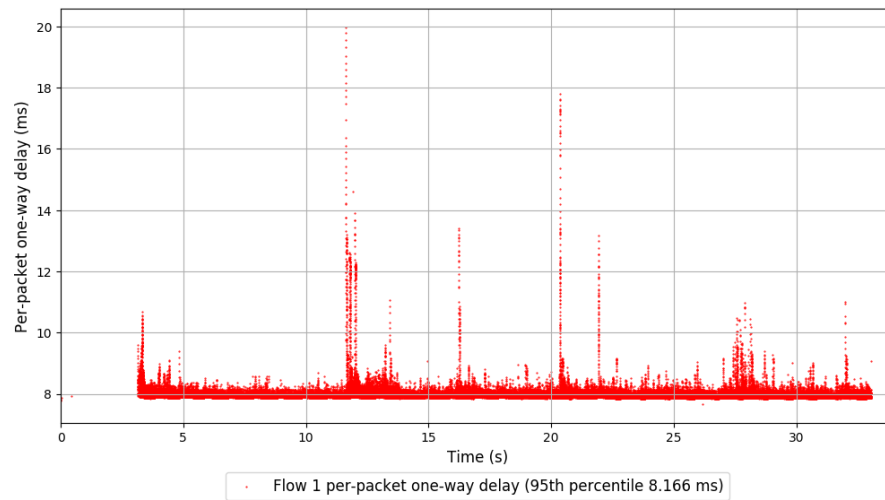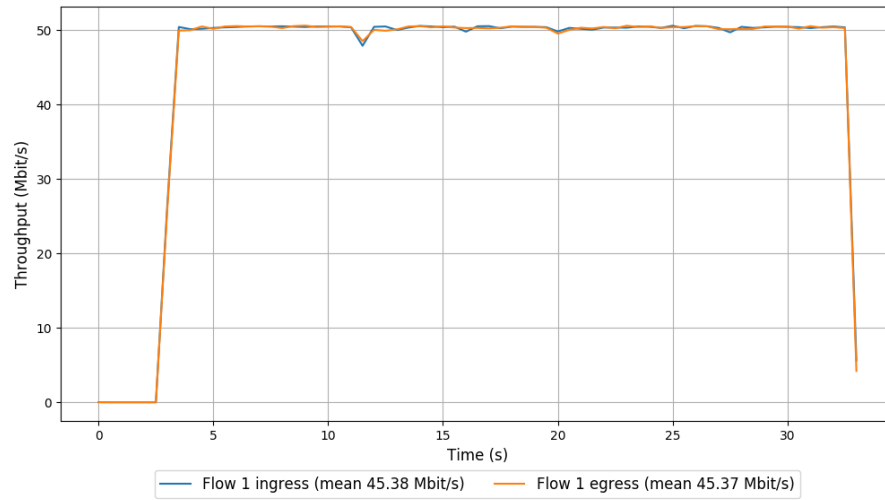
Run 5: Report of KohoCC — Data Link

Flow 1 ingress (mean 45.38 Mbit/s)   Flow 1 egress (mean 45.37 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 8.166 ms)

```
Run 6: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 23:38:17 +0000
End at: Thu, 29 Jun 2017 23:38:47 +0000
Local clock offset: 0.731 ms
Remote clock offset: -21.75 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:56:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.01 Mbit/s
95th percentile per-packet one-way delay: 8.813 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 45.01 Mbit/s
95th percentile per-packet one-way delay: 8.813 ms
Loss rate: 0.20%
```
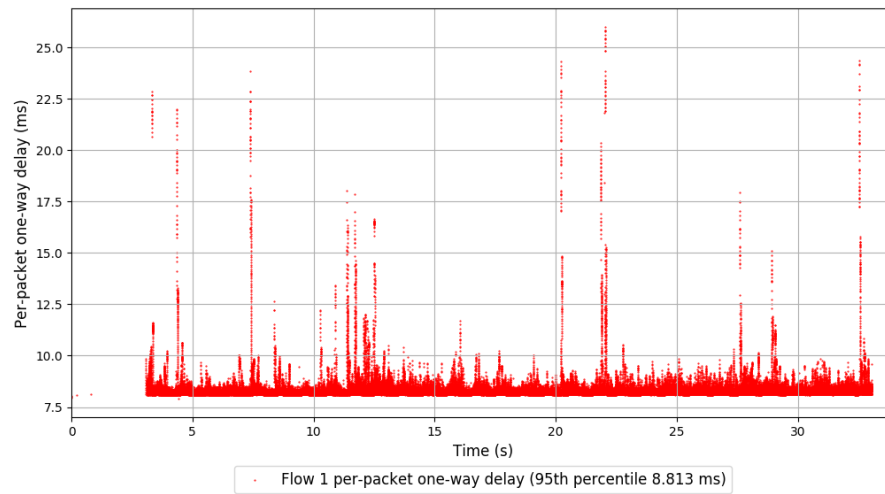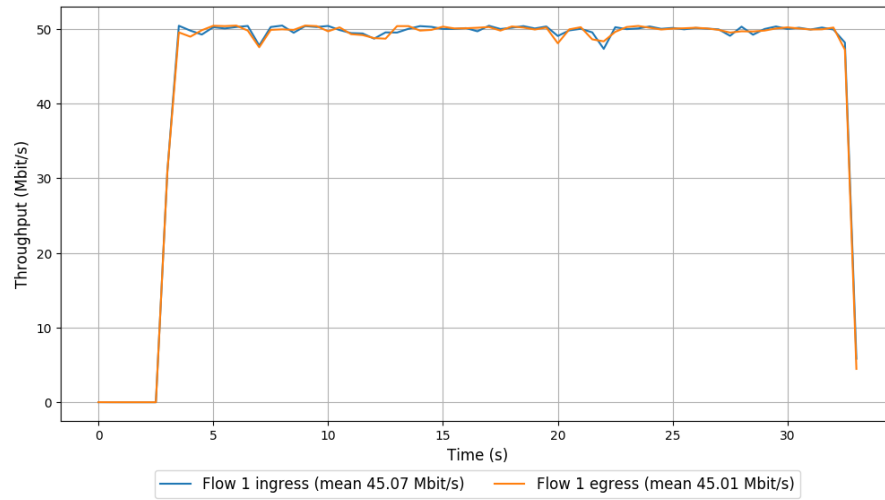
Run 6: Report of KohoCC — Data Link

Flow 1 ingress (mean 45.07 Mbit/s) — Flow 1 egress (mean 45.01 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 8.813 ms)

```
Run 7: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 23:55:36 +0000
End at: Thu, 29 Jun 2017 23:56:06 +0000
Local clock offset: -1.357 ms
Remote clock offset: -21.458 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:56:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.64 Mbit/s
95th percentile per-packet one-way delay: 10.437 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 44.64 Mbit/s
95th percentile per-packet one-way delay: 10.437 ms
Loss rate: 0.34%
```
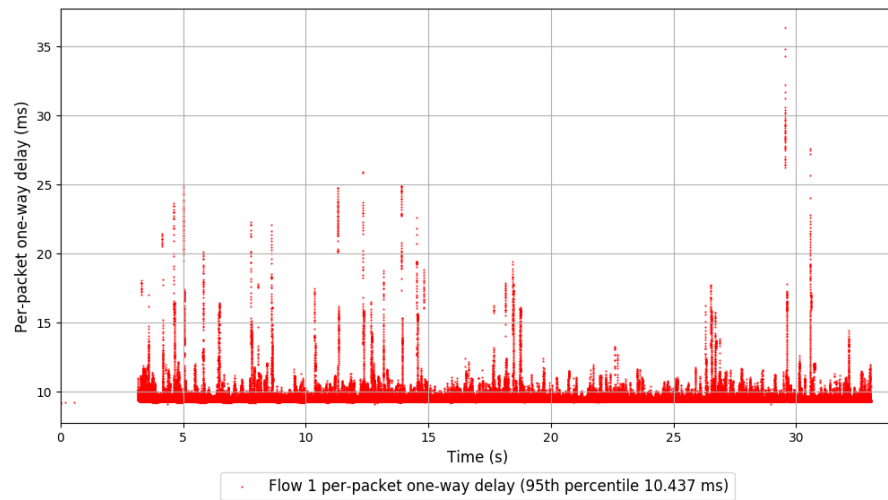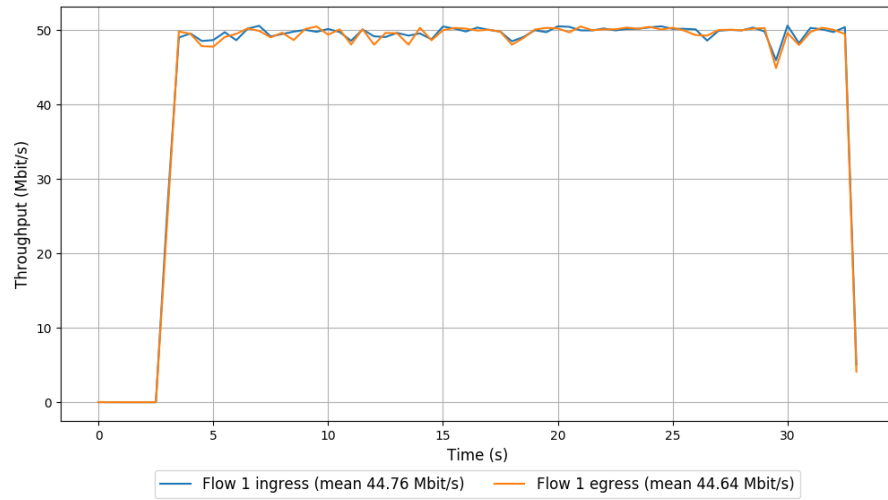
Run 7: Report of KohoCC — Data Link

Flow 1 ingress (mean 44.76 Mbit/s) ——— Flow 1 egress (mean 44.64 Mbit/s)

· Flow 1 per-packet one-way delay (95th percentile 10.437 ms)

```
Run 8: Statistics of KohoCC

Start at: Fri, 30 Jun 2017 00:13:06 +0000
End at: Fri, 30 Jun 2017 00:13:36 +0000
Local clock offset: -2.136 ms
Remote clock offset: -21.67 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:56:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.03 Mbit/s
95th percentile per-packet one-way delay: 10.518 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 47.03 Mbit/s
95th percentile per-packet one-way delay: 10.518 ms
Loss rate: 0.12%
```
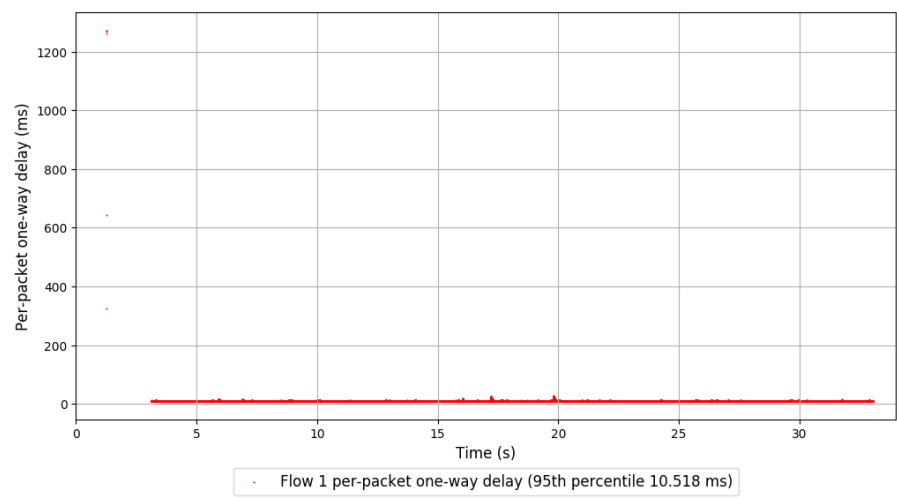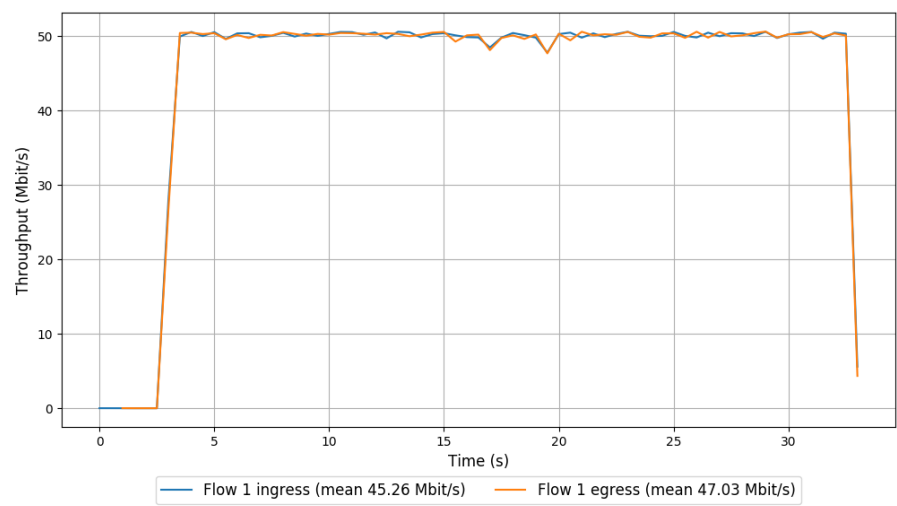
Run 8: Report of KohoCC — Data Link

Flow 1 ingress (mean 45.26 Mbit/s) — Flow 1 egress (mean 47.03 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 10.518 ms)

```
Run 9: Statistics of KohoCC

Start at: Fri, 30 Jun 2017 00:30:26 +0000
End at: Fri, 30 Jun 2017 00:30:56 +0000
Local clock offset: -2.993 ms
Remote clock offset: -20.277 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:56:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.93 Mbit/s
95th percentile per-packet one-way delay: 12.019 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 44.93 Mbit/s
95th percentile per-packet one-way delay: 12.019 ms
Loss rate: 0.20%
```
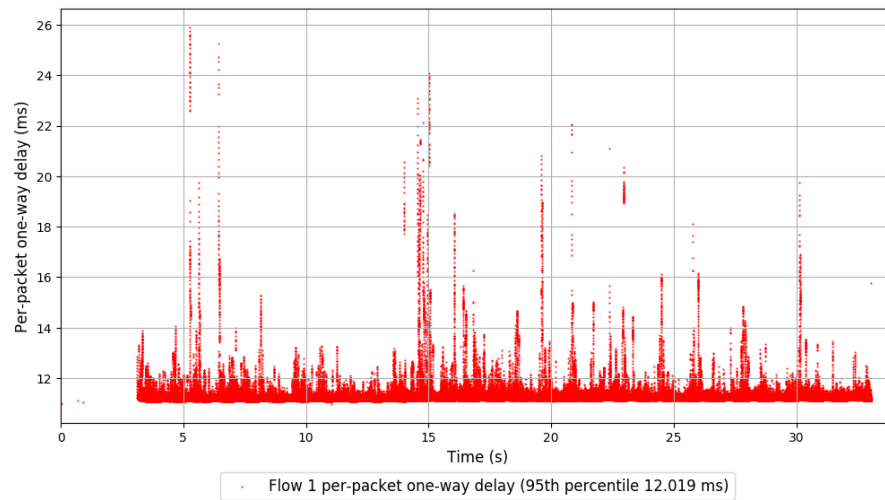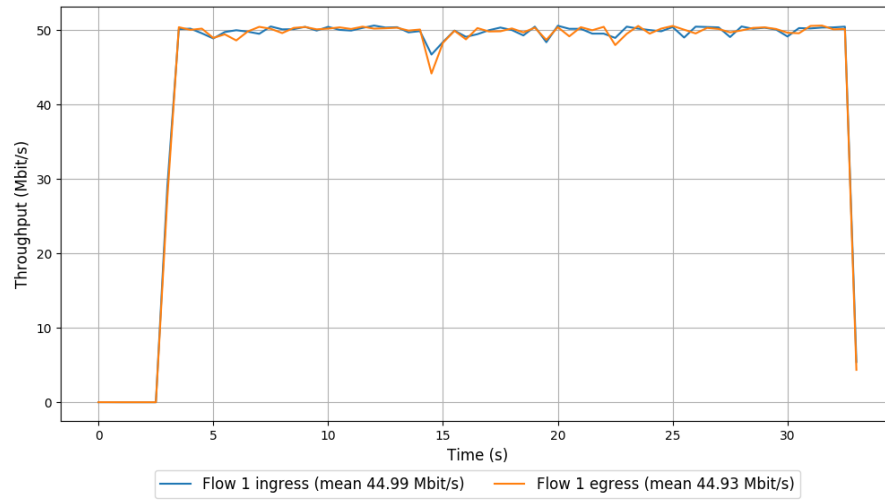
Run 9: Report of KohoCC — Data Link

Flow 1 ingress (mean 44.99 Mbit/s) — Flow 1 egress (mean 44.93 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 12.019 ms)

```
Run 10: Statistics of KohoCC

Start at: Fri, 30 Jun 2017 00:48:00 +0000
End at: Fri, 30 Jun 2017 00:48:31 +0000
Local clock offset: -1.451 ms
Remote clock offset: -18.017 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:56:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.78 Mbit/s
95th percentile per-packet one-way delay: 12.474 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 42.78 Mbit/s
95th percentile per-packet one-way delay: 12.474 ms
Loss rate: 0.17%
```
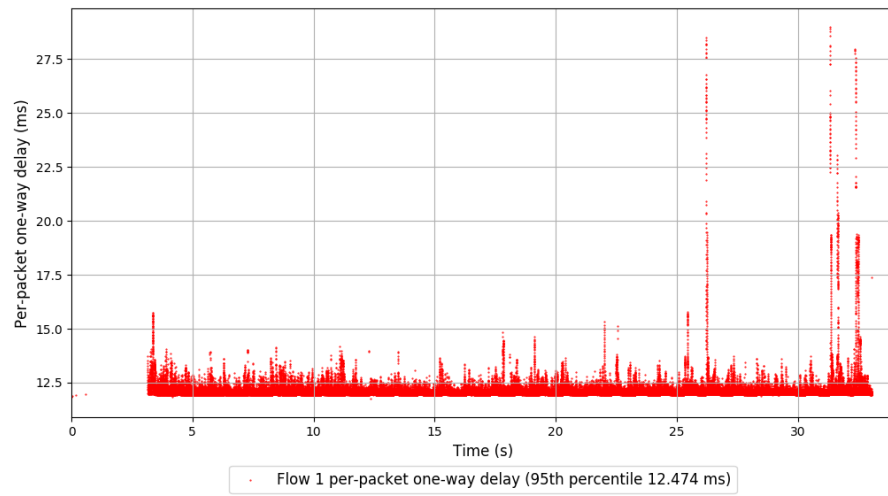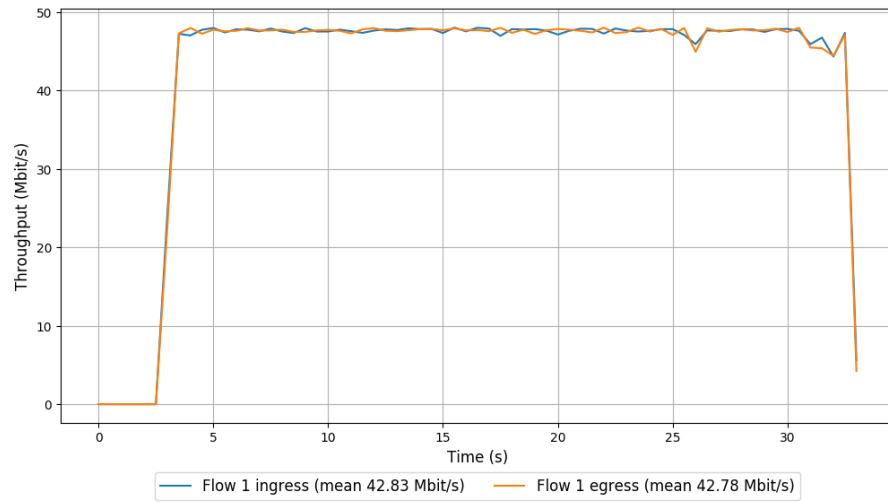
Run 10: Report of KohoCC — Data Link

Flow 1 ingress (mean 42.83 Mbit/s)   Flow 1 egress (mean 42.78 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 12.474 ms)

```
Run 1: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 21:59:00 +0000
End at: Thu, 29 Jun 2017 21:59:30 +0000
Local clock offset: 2.203 ms
Remote clock offset: -21.438 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:56:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.87 Mbit/s
95th percentile per-packet one-way delay: 21.355 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 72.87 Mbit/s
95th percentile per-packet one-way delay: 21.355 ms
Loss rate: 0.10%
```
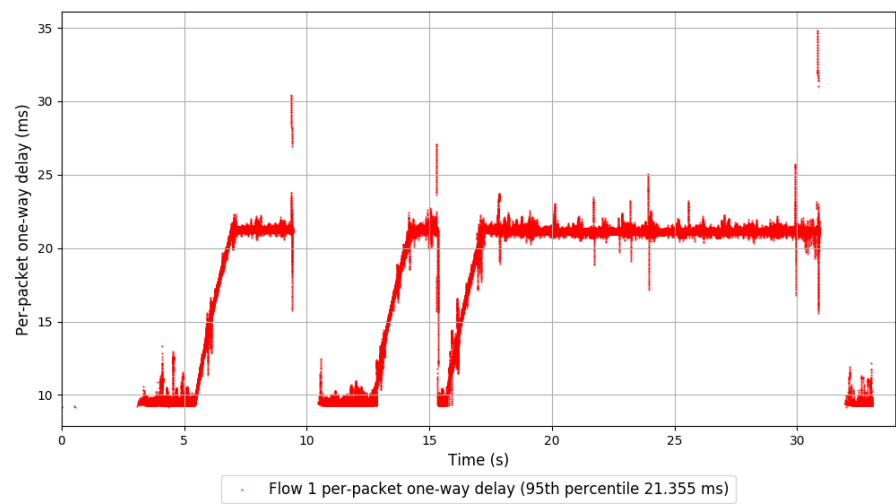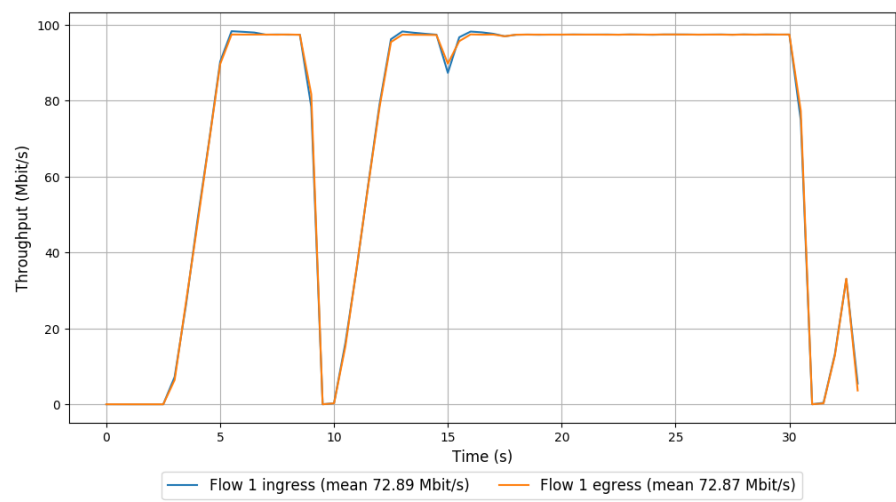
Run 1: Report of LEDBAT — Data Link

Flow 1 ingress (mean 72.89 Mbit/s)   Flow 1 egress (mean 72.87 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 21.355 ms)

```
Run 2: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 22:16:41 +0000
End at: Thu, 29 Jun 2017 22:17:11 +0000
Local clock offset: -0.415 ms
Remote clock offset: -20.446 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:56:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.58 Mbit/s
95th percentile per-packet one-way delay: 21.796 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 71.58 Mbit/s
95th percentile per-packet one-way delay: 21.796 ms
Loss rate: 0.21%
```
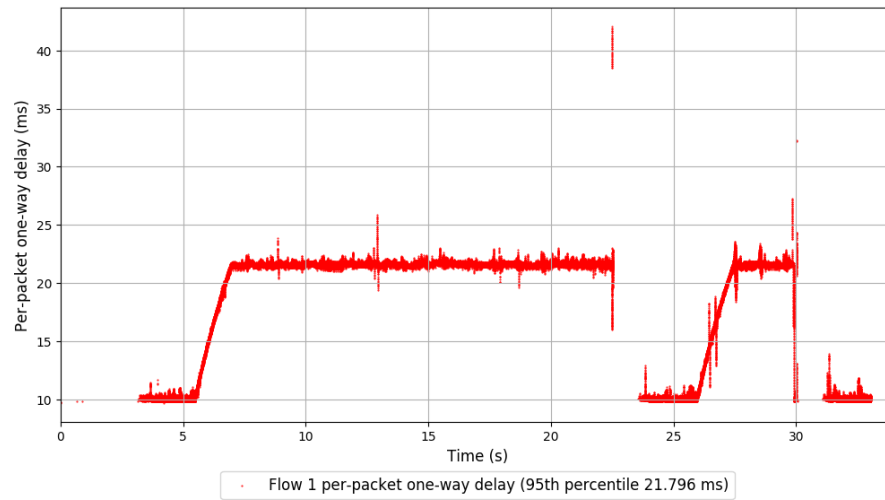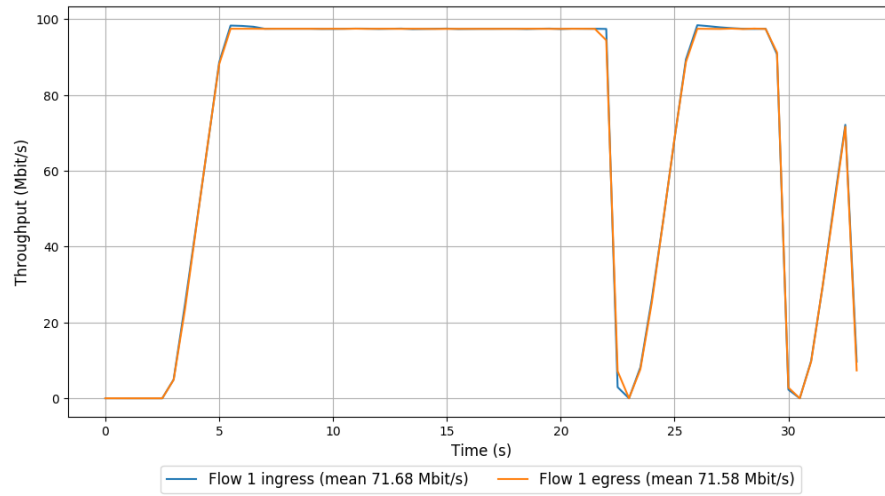
Run 2: Report of LEDBAT — Data Link

Flow 1 ingress (mean 71.68 Mbit/s)   Flow 1 egress (mean 71.58 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 21.796 ms)

```
Run 3: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 22:34:14 +0000
End at: Thu, 29 Jun 2017 22:34:44 +0000
Local clock offset: 1.524 ms
Remote clock offset: -21.142 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:56:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.20 Mbit/s
95th percentile per-packet one-way delay: 22.407 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 68.20 Mbit/s
95th percentile per-packet one-way delay: 22.407 ms
Loss rate: 0.14%
```
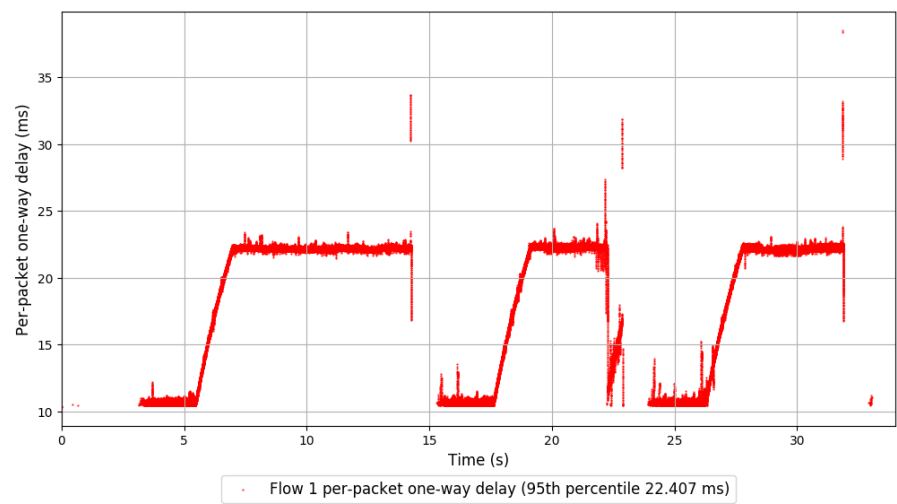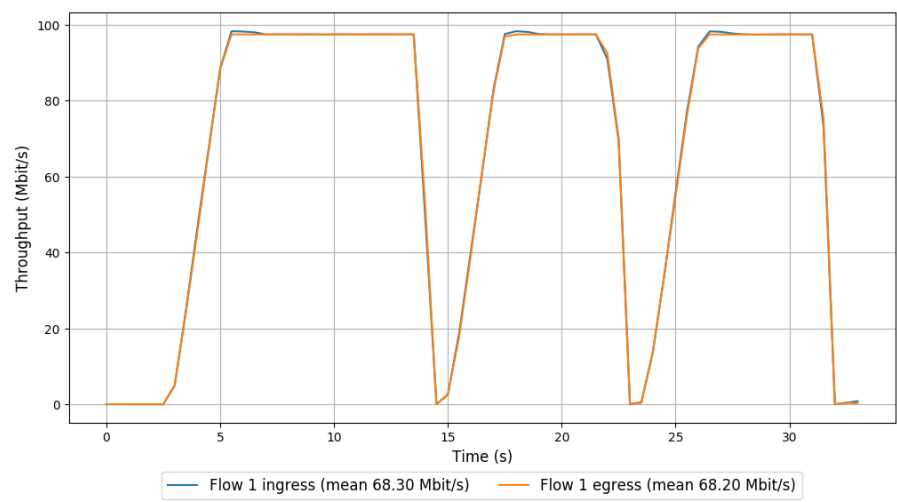
Run 3: Report of LEDBAT — Data Link

Flow 1 ingress (mean 68.30 Mbit/s)   Flow 1 egress (mean 68.20 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 22.407 ms)

```
Run 4: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 22:51:50 +0000
End at: Thu, 29 Jun 2017 22:52:20 +0000
Local clock offset: -1.437 ms
Remote clock offset: -20.415 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:56:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.77 Mbit/s
95th percentile per-packet one-way delay: 21.662 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 70.77 Mbit/s
95th percentile per-packet one-way delay: 21.662 ms
Loss rate: 0.23%
```
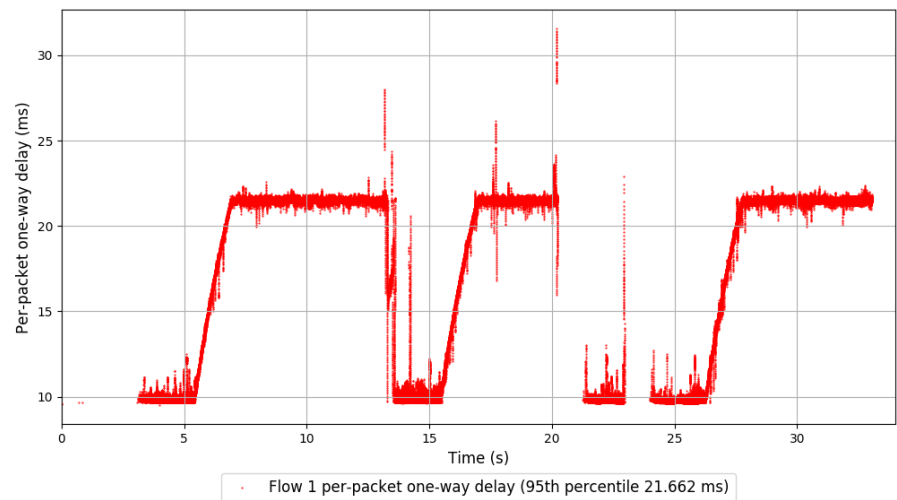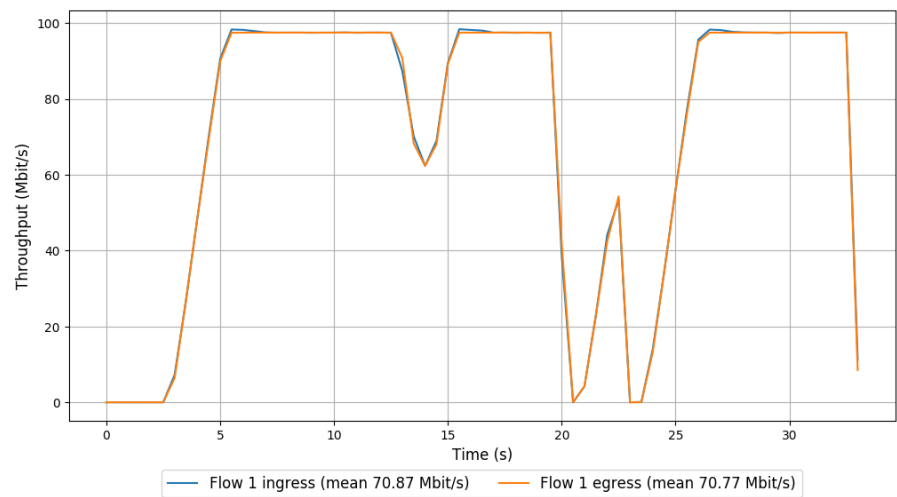
Run 4: Report of LEDBAT — Data Link

Flow 1 ingress (mean 70.87 Mbit/s) ——— Flow 1 egress (mean 70.77 Mbit/s)

. Flow 1 per-packet one-way delay (95th percentile 21.662 ms)

```
Run 5: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 23:09:26 +0000
End at: Thu, 29 Jun 2017 23:09:56 +0000
Local clock offset: -1.504 ms
Remote clock offset: -22.586 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:56:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.37 Mbit/s
95th percentile per-packet one-way delay: 20.663 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 72.37 Mbit/s
95th percentile per-packet one-way delay: 20.663 ms
Loss rate: 0.19%
```
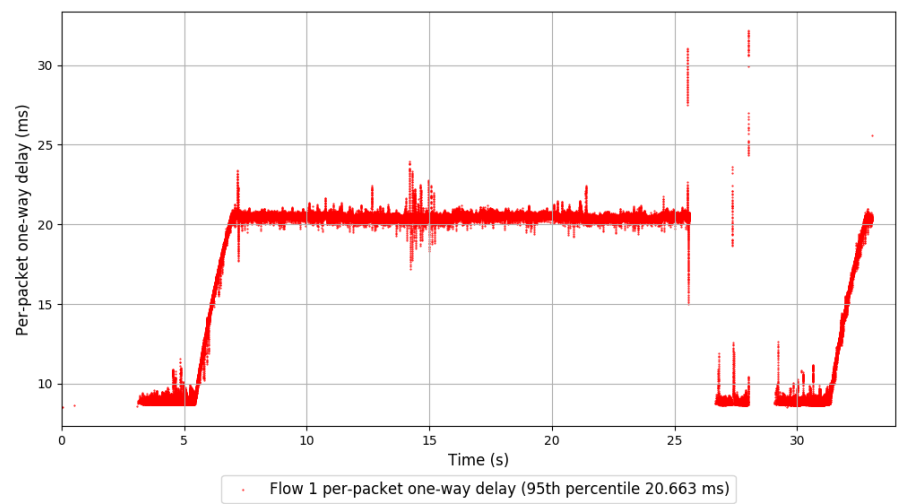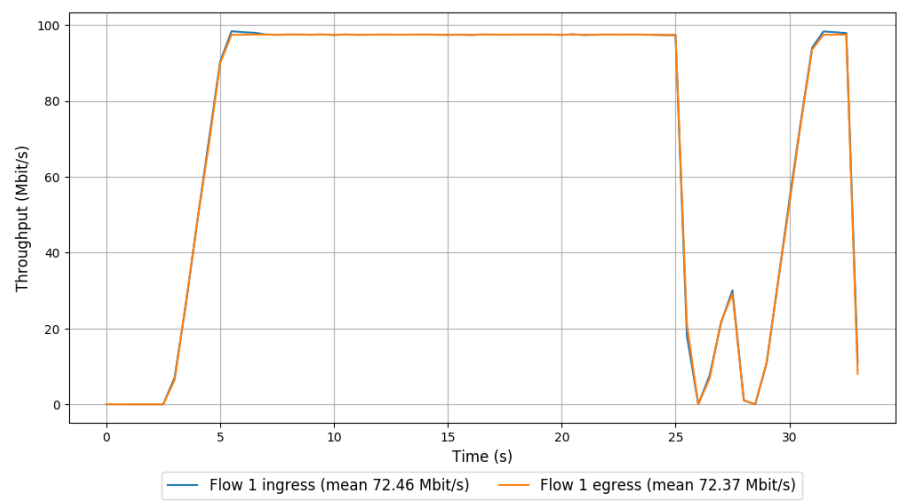
Run 5: Report of LEDBAT — Data Link

Flow 1 ingress (mean 72.46 Mbit/s)   Flow 1 egress (mean 72.37 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 20.663 ms)

```
Run 6: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 23:26:55 +0000
End at: Thu, 29 Jun 2017 23:27:25 +0000
Local clock offset: -0.982 ms
Remote clock offset: -23.115 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:56:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.46 Mbit/s
95th percentile per-packet one-way delay: 19.546 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 57.46 Mbit/s
95th percentile per-packet one-way delay: 19.546 ms
Loss rate: 0.29%
```
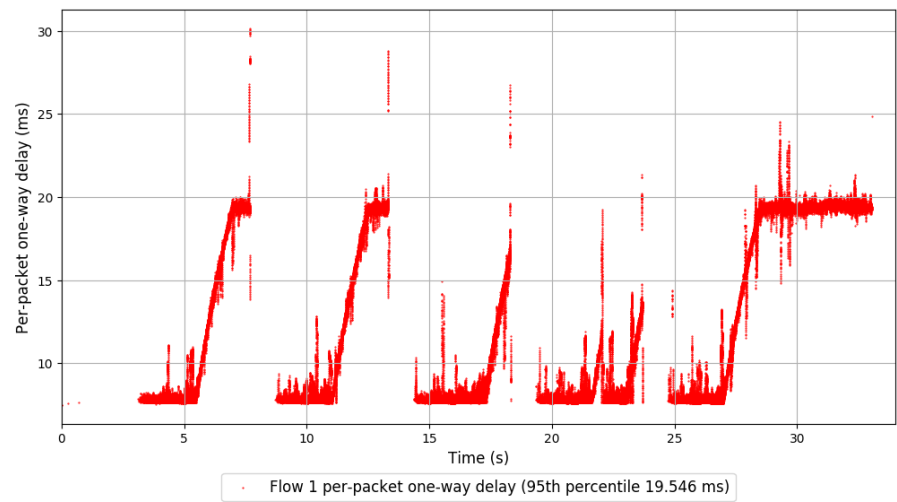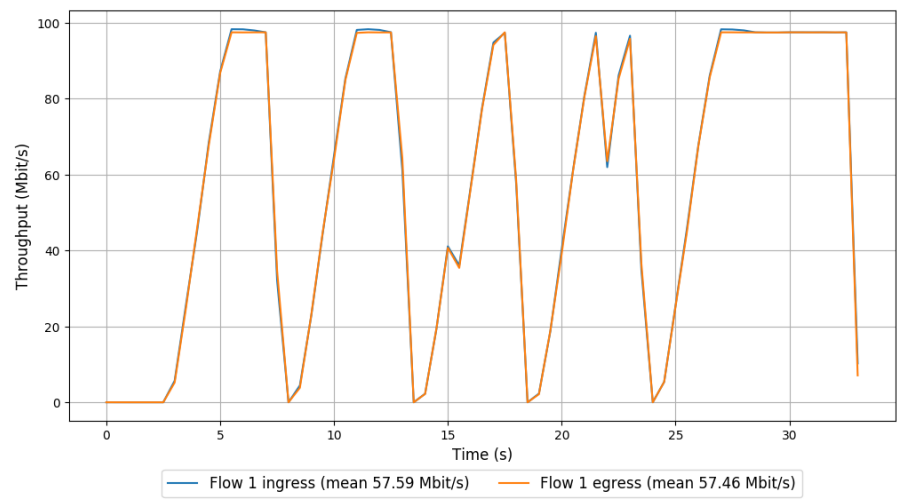
Run 6: Report of LEDBAT — Data Link

Flow 1 ingress (mean 57.59 Mbit/s)   Flow 1 egress (mean 57.46 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 19.546 ms)

```
Run 7: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 23:44:18 +0000
End at: Thu, 29 Jun 2017 23:44:48 +0000
Local clock offset: 1.762 ms
Remote clock offset: -22.575 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:57:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.17 Mbit/s
95th percentile per-packet one-way delay: 20.547 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 66.17 Mbit/s
95th percentile per-packet one-way delay: 20.547 ms
Loss rate: 0.17%
```
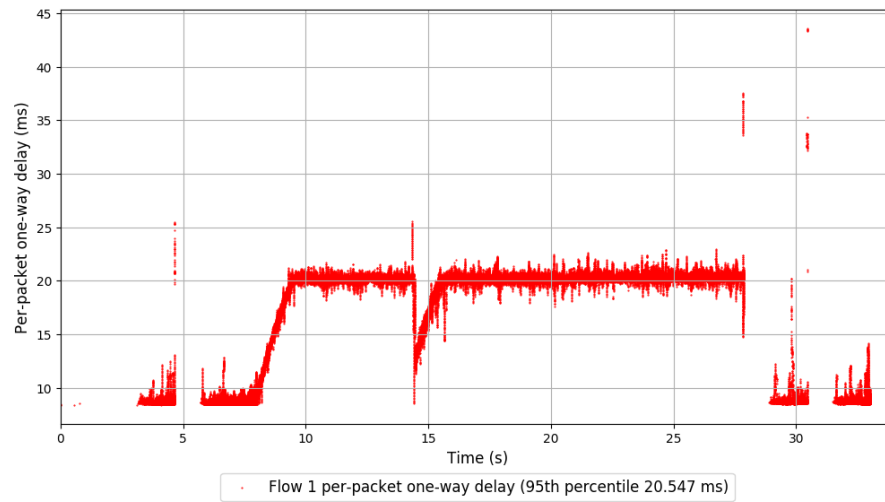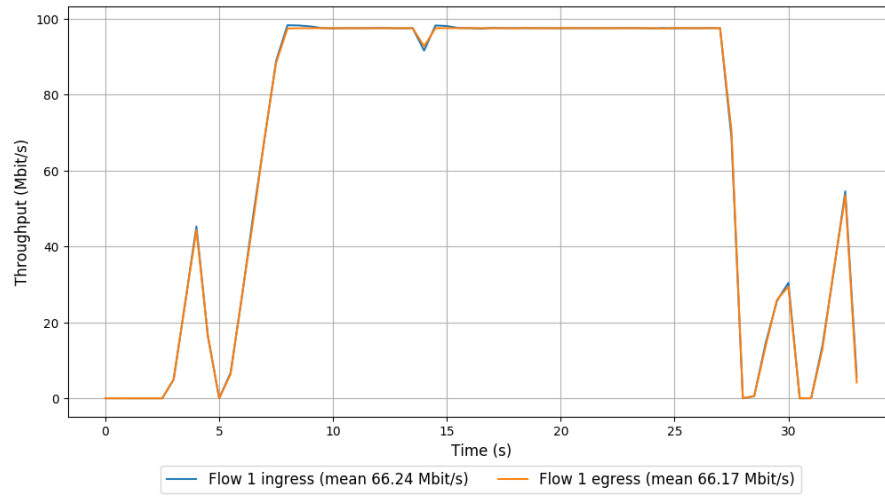
Run 7: Report of LEDBAT — Data Link

Flow 1 ingress (mean 66.24 Mbit/s) ——— Flow 1 egress (mean 66.17 Mbit/s)

· Flow 1 per-packet one-way delay (95th percentile 20.547 ms)

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```
Run 8: Statistics of LEDBAT

Start at: Fri, 30 Jun 2017 00:01:39 +0000
End at: Fri, 30 Jun 2017 00:02:09 +0000
Local clock offset: -1.293 ms
Remote clock offset: -21.972 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:57:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.48 Mbit/s
95th percentile per-packet one-way delay: 21.408 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 70.48 Mbit/s
95th percentile per-packet one-way delay: 21.408 ms
Loss rate: 0.14%
```
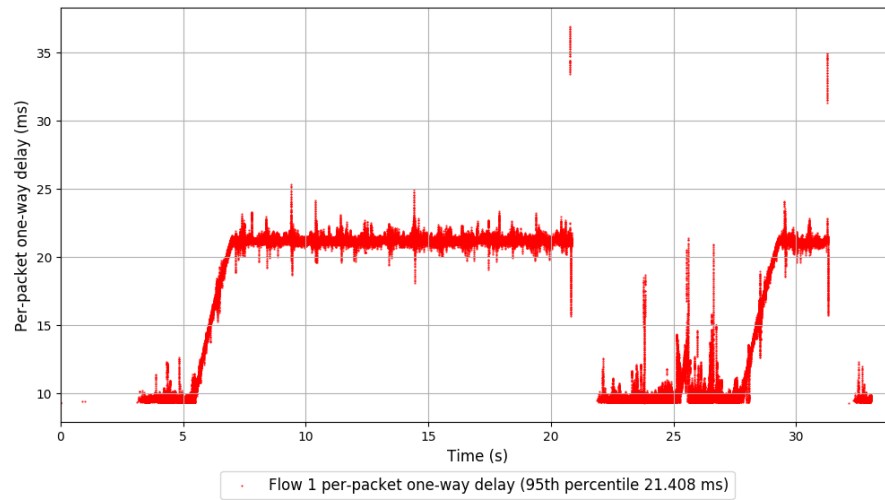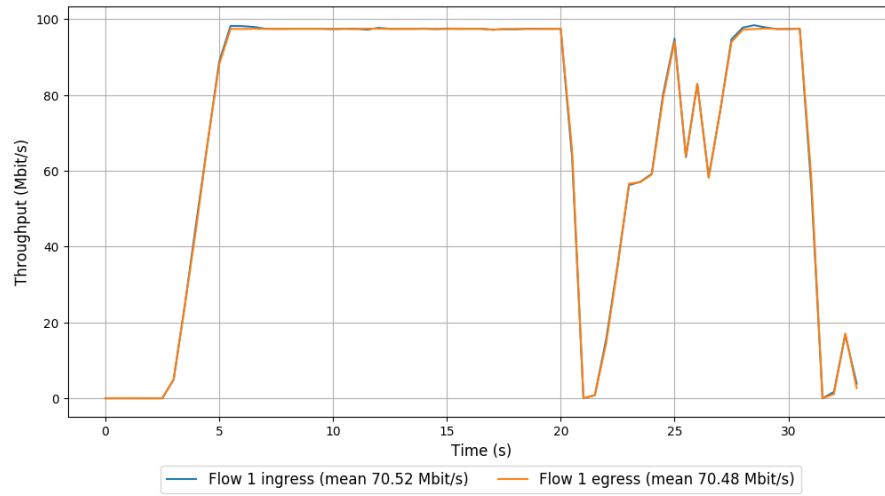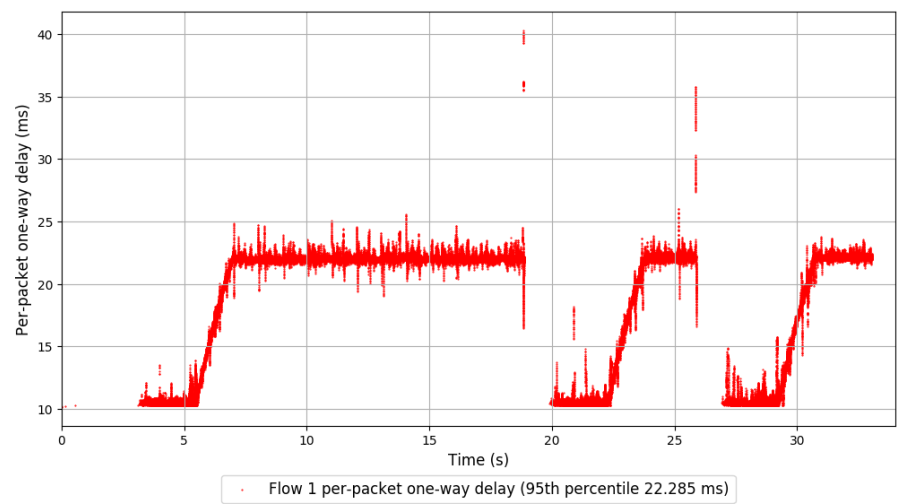
Run 8: Report of LEDBAT — Data Link

Flow 1 ingress (mean 70.52 Mbit/s)   Flow 1 egress (mean 70.48 Mbit/s)

·   Flow 1 per-packet one-way delay (95th percentile 21.408 ms)

```
Run 9: Statistics of LEDBAT

Start at: Fri, 30 Jun 2017 00:19:06 +0000
End at: Fri, 30 Jun 2017 00:19:36 +0000
Local clock offset: -2.376 ms
Remote clock offset: -20.377 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:57:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.64 Mbit/s
95th percentile per-packet one-way delay: 22.285 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 71.64 Mbit/s
95th percentile per-packet one-way delay: 22.285 ms
Loss rate: 0.24%
```
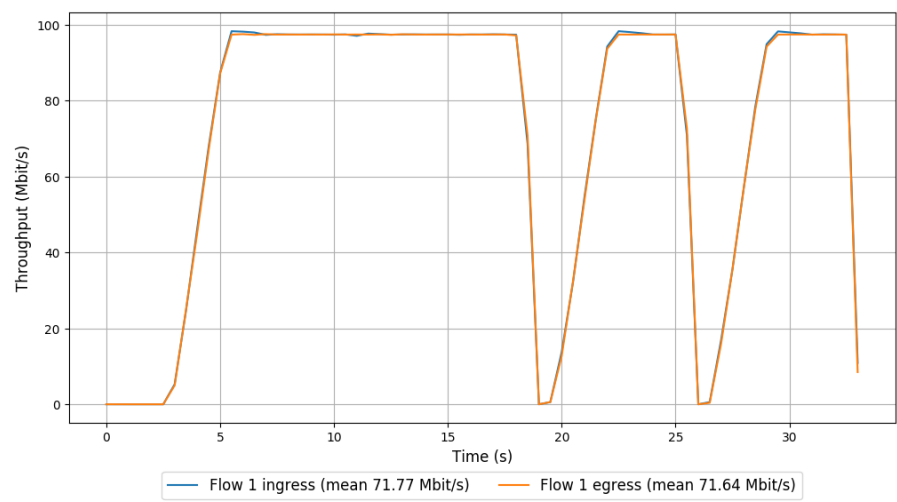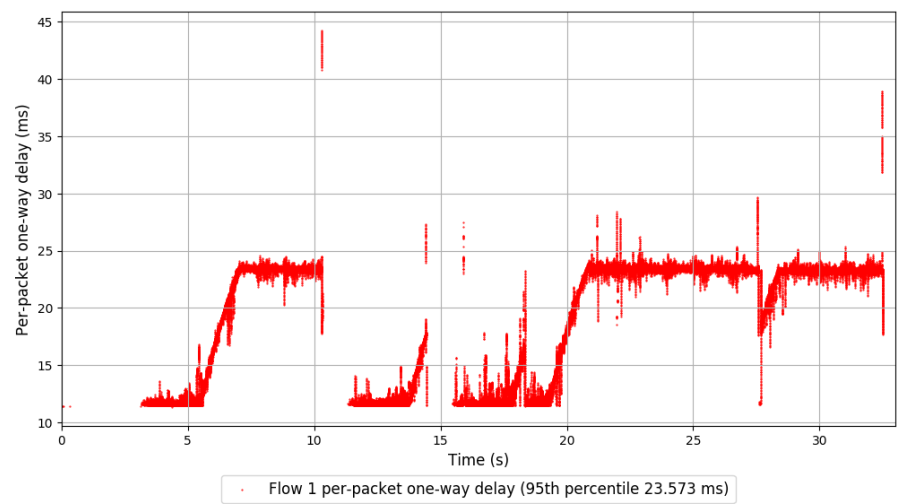
Run 9: Report of LEDBAT — Data Link

Flow 1 ingress (mean 71.77 Mbit/s) ——— Flow 1 egress (mean 71.64 Mbit/s)

· Flow 1 per-packet one-way delay (95th percentile 22.285 ms)

```
Run 10: Statistics of LEDBAT

Start at: Fri, 30 Jun 2017 00:36:30 +0000
End at: Fri, 30 Jun 2017 00:37:00 +0000
Local clock offset: -2.872 ms
Remote clock offset: -19.387 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:57:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.15 Mbit/s
95th percentile per-packet one-way delay: 23.573 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 70.15 Mbit/s
95th percentile per-packet one-way delay: 23.573 ms
Loss rate: 0.18%
```
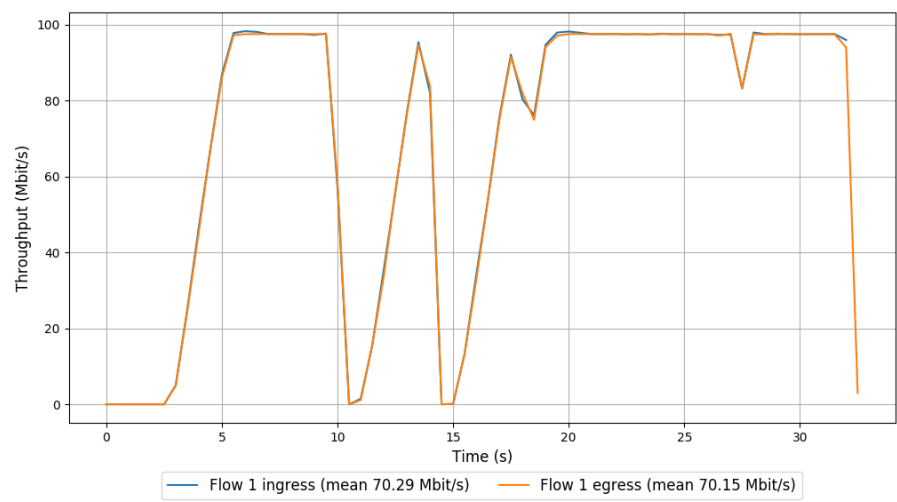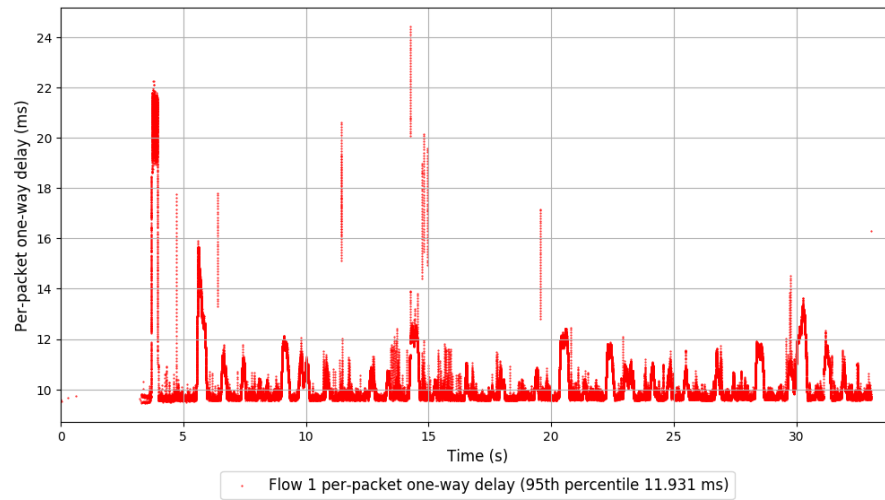
Run 10: Report of LEDBAT — Data Link

Flow 1 ingress (mean 70.29 Mbit/s)   Flow 1 egress (mean 70.15 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 23.573 ms)

```
Run 1: Statistics of PCC

Start at: Thu, 29 Jun 2017 22:09:27 +0000
End at: Thu, 29 Jun 2017 22:09:57 +0000
Local clock offset: 2.785 ms
Remote clock offset: -20.277 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:57:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.11 Mbit/s
95th percentile per-packet one-way delay: 11.931 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 84.11 Mbit/s
95th percentile per-packet one-way delay: 11.931 ms
Loss rate: 0.21%
```
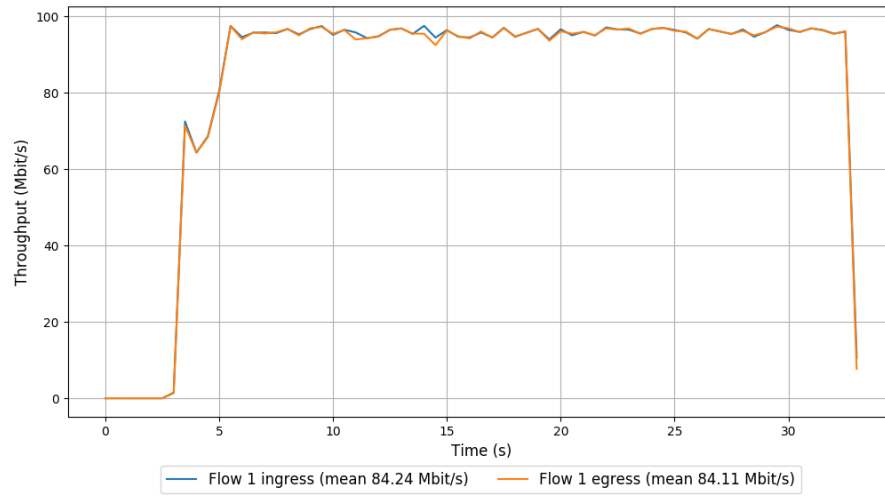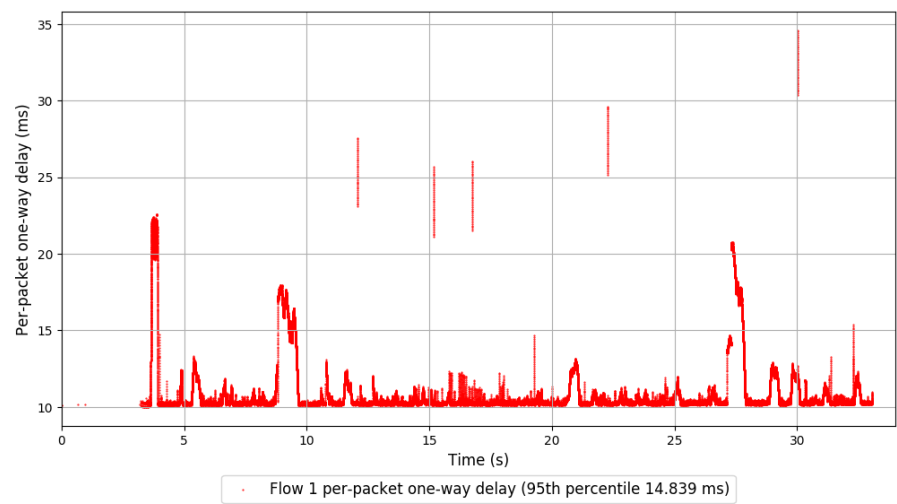
Run 1: Report of PCC — Data Link

Flow 1 ingress (mean 84.24 Mbit/s) — Flow 1 egress (mean 84.11 Mbit/s)

· Flow 1 per-packet one-way delay (95th percentile 11.931 ms)

```
Run 2: Statistics of PCC

Start at: Thu, 29 Jun 2017 22:27:01 +0000
End at: Thu, 29 Jun 2017 22:27:31 +0000
Local clock offset: -0.622 ms
Remote clock offset: -22.137 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:57:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.14 Mbit/s
95th percentile per-packet one-way delay: 14.839 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 84.14 Mbit/s
95th percentile per-packet one-way delay: 14.839 ms
Loss rate: 0.30%
```
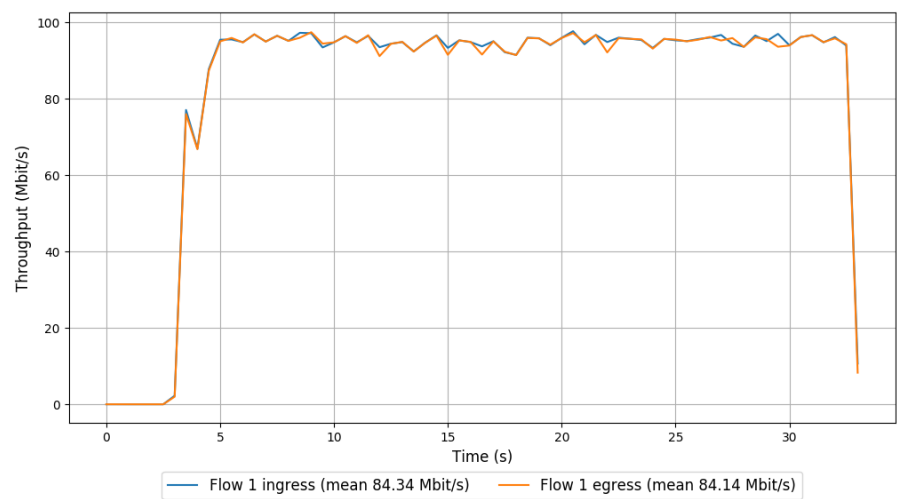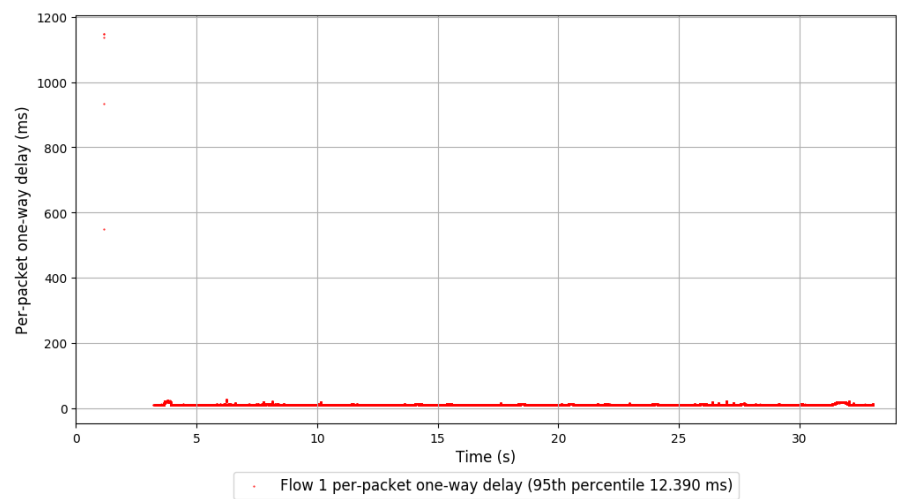
Run 2: Report of PCC — Data Link

```
Run 3: Statistics of PCC

Start at: Thu, 29 Jun 2017 22:44:36 +0000
End at: Thu, 29 Jun 2017 22:45:06 +0000
Local clock offset: 0.113 ms
Remote clock offset: -20.84 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:57:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.14 Mbit/s
95th percentile per-packet one-way delay: 12.390 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 86.14 Mbit/s
95th percentile per-packet one-way delay: 12.390 ms
Loss rate: 0.22%
```
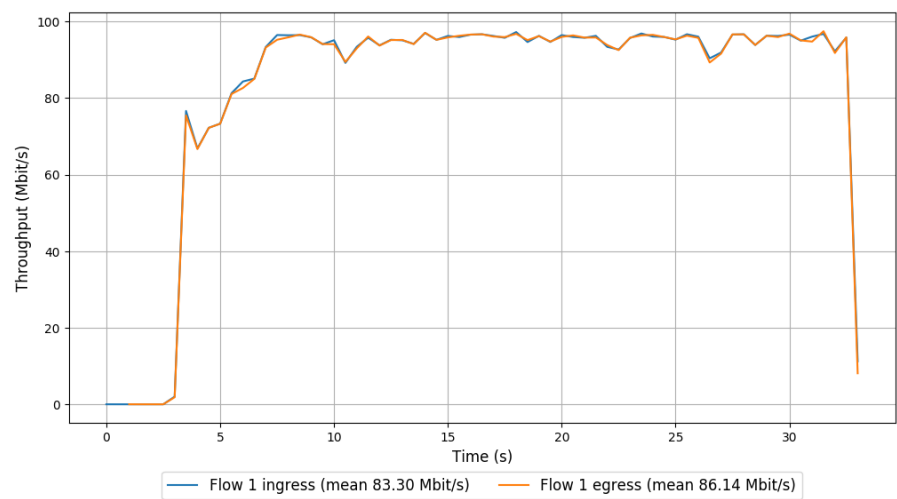
Run 3: Report of PCC — Data Link

Flow 1 ingress (mean 83.30 Mbit/s)　　Flow 1 egress (mean 86.14 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 12.390 ms)

```
Run 4: Statistics of PCC

Start at: Thu, 29 Jun 2017 23:02:05 +0000
End at: Thu, 29 Jun 2017 23:02:35 +0000
Local clock offset: -1.316 ms
Remote clock offset: -21.85 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:57:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.25 Mbit/s
95th percentile per-packet one-way delay: 13.007 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 82.25 Mbit/s
95th percentile per-packet one-way delay: 13.007 ms
Loss rate: 0.16%
```
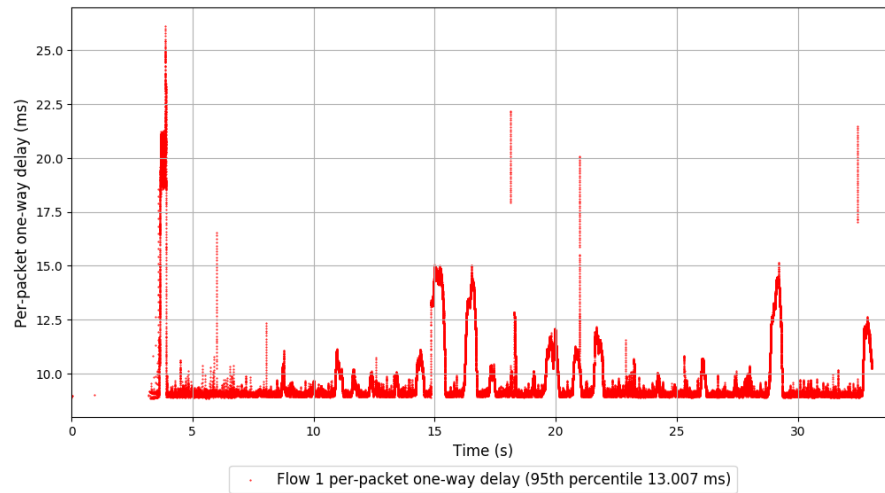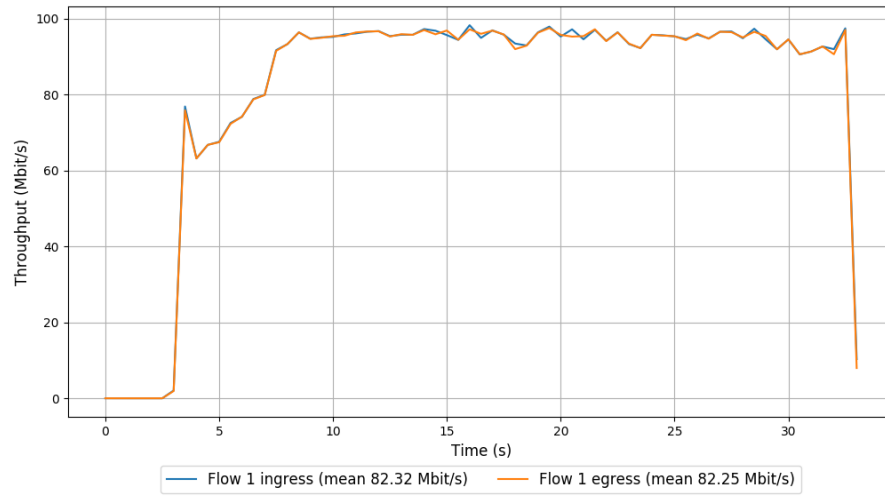
Run 4: Report of PCC — Data Link

Flow 1 ingress (mean 82.32 Mbit/s) —— Flow 1 egress (mean 82.25 Mbit/s)

· Flow 1 per-packet one-way delay (95th percentile 13.007 ms)

```
Run 5: Statistics of PCC

Start at: Thu, 29 Jun 2017 23:19:47 +0000
End at: Thu, 29 Jun 2017 23:20:17 +0000
Local clock offset: 1.458 ms
Remote clock offset: -22.65 ms
```
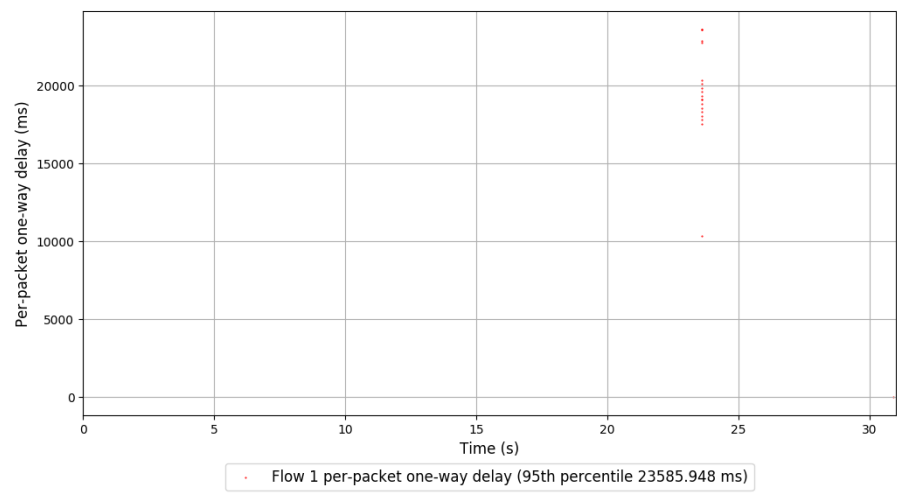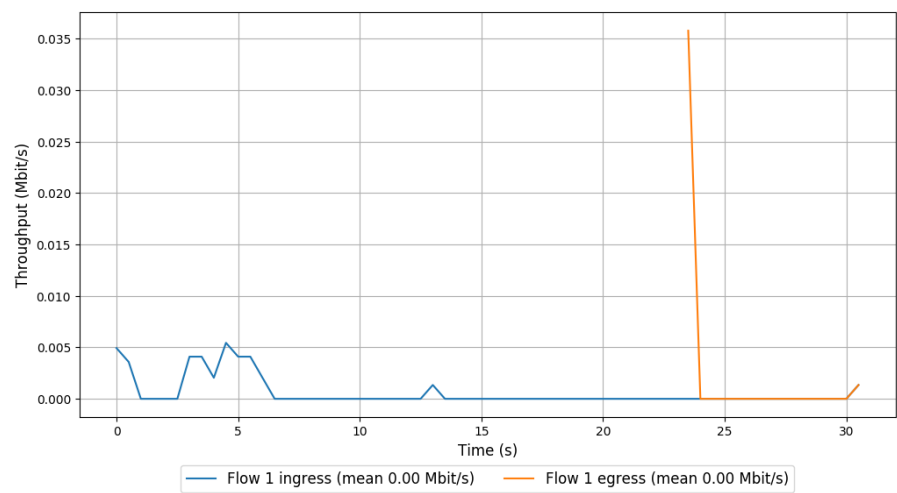
Run 5: Report of PCC — Data Link

Flow 1 ingress (mean 0.00 Mbit/s)   Flow 1 egress (mean 0.00 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 23585.948 ms)

```
Run 6: Statistics of PCC

Start at: Thu, 29 Jun 2017 23:37:08 +0000
End at: Thu, 29 Jun 2017 23:37:38 +0000
Local clock offset: -0.591 ms
Remote clock offset: -23.232 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:57:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.34 Mbit/s
95th percentile per-packet one-way delay: 10.263 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 81.34 Mbit/s
95th percentile per-packet one-way delay: 10.263 ms
Loss rate: 0.59%
```
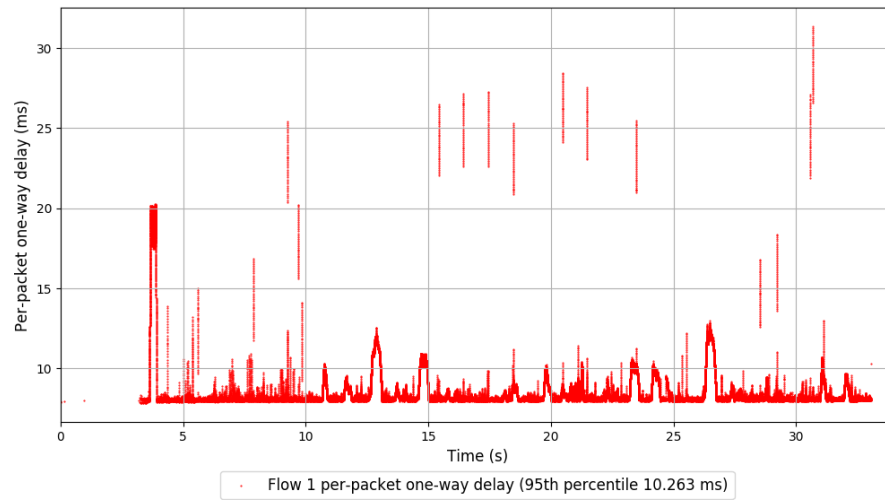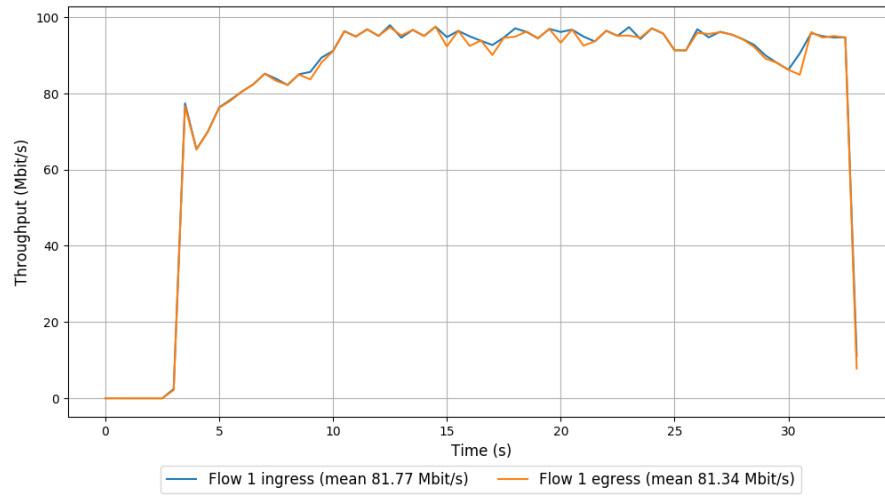
Run 6: Report of PCC — Data Link

Flow 1 ingress (mean 81.77 Mbit/s)   Flow 1 egress (mean 81.34 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 10.263 ms)
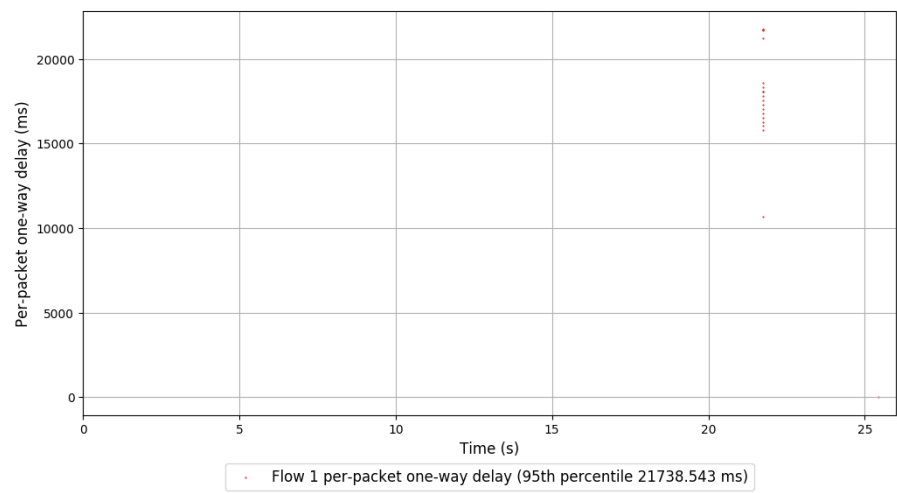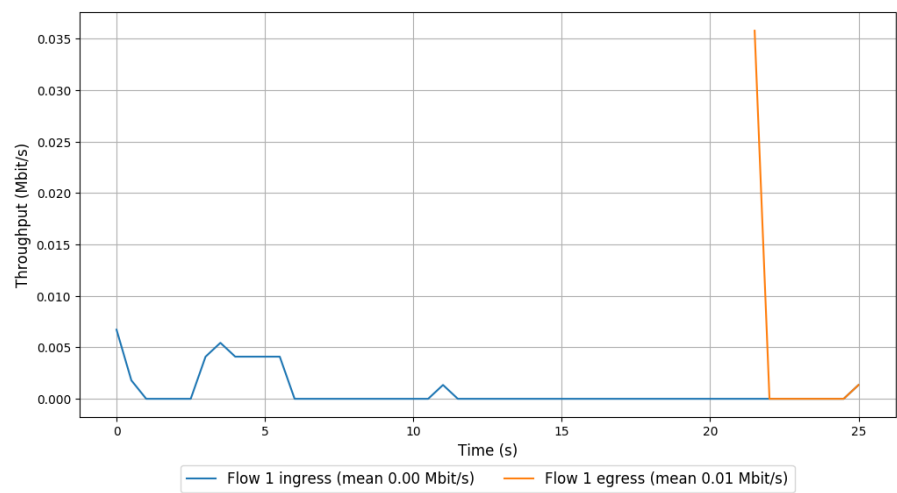
Run 7: Statistics of PCC

Start at: Thu, 29 Jun 2017 23:54:32 +0000
End at: Thu, 29 Jun 2017 23:55:02 +0000
Local clock offset: -1.433 ms
Remote clock offset: -21.823 ms

Run 7: Report of PCC — Data Link

Flow 1 ingress (mean 0.00 Mbit/s) — Flow 1 egress (mean 0.01 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 21738.543 ms)

```
Run 8: Statistics of PCC

Start at: Fri, 30 Jun 2017 00:11:58 +0000
End at: Fri, 30 Jun 2017 00:12:28 +0000
Local clock offset: -1.072 ms
Remote clock offset: -21.771 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:57:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.87 Mbit/s
95th percentile per-packet one-way delay: 12.447 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 81.87 Mbit/s
95th percentile per-packet one-way delay: 12.447 ms
Loss rate: 0.33%
```
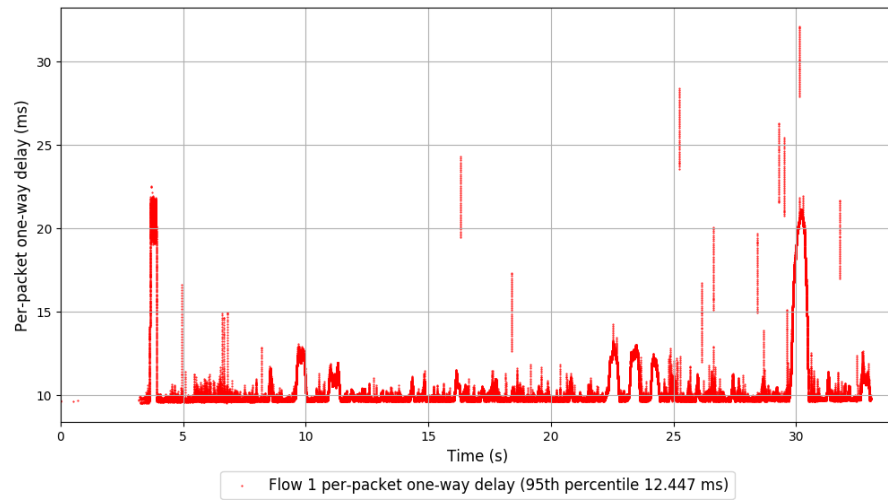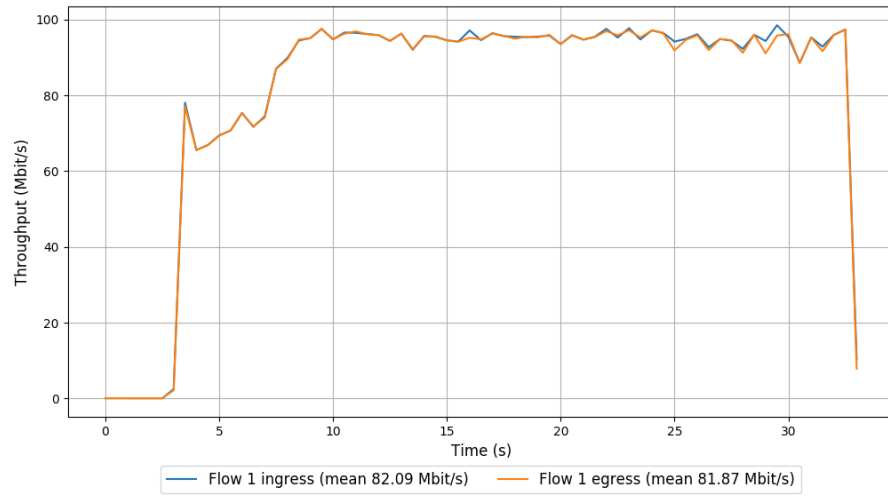
Run 8: Report of PCC — Data Link

Flow 1 ingress (mean 82.09 Mbit/s)   Flow 1 egress (mean 81.87 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 12.447 ms)
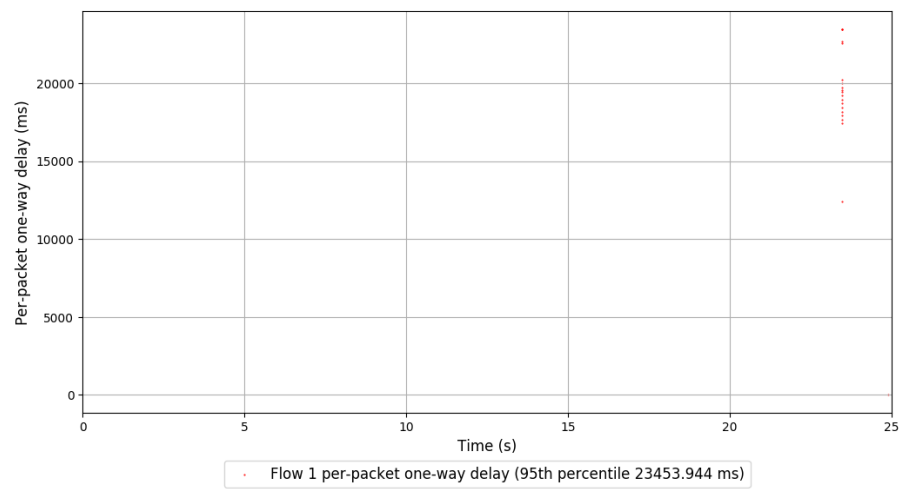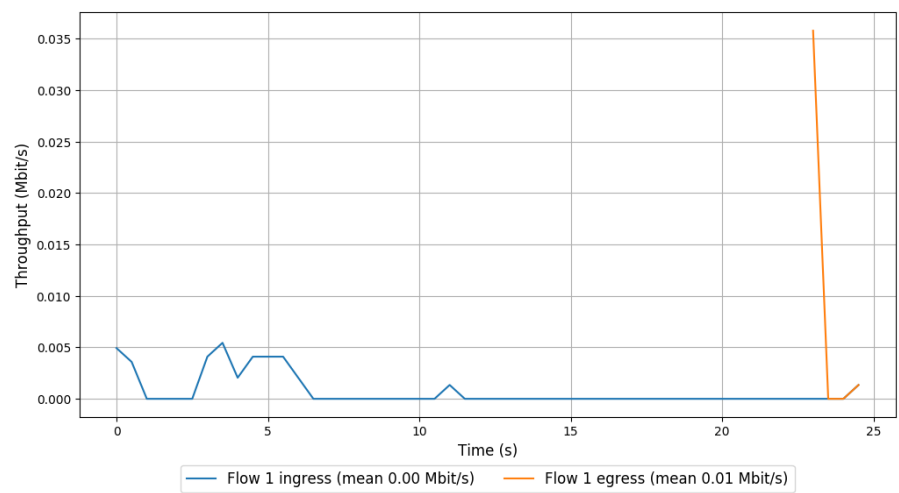
Run 9: Statistics of PCC

Start at: Fri, 30 Jun 2017 00:29:21 +0000
End at: Fri, 30 Jun 2017 00:29:51 +0000
Local clock offset: -2.776 ms
Remote clock offset: -21.207 ms

Run 9: Report of PCC — Data Link

```
Run 10: Statistics of PCC

Start at: Fri, 30 Jun 2017 00:46:51 +0000
End at: Fri, 30 Jun 2017 00:47:21 +0000
Local clock offset: -2.475 ms
Remote clock offset: -18.829 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:58:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.47 Mbit/s
95th percentile per-packet one-way delay: 17.679 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 82.47 Mbit/s
95th percentile per-packet one-way delay: 17.679 ms
Loss rate: 0.14%
```
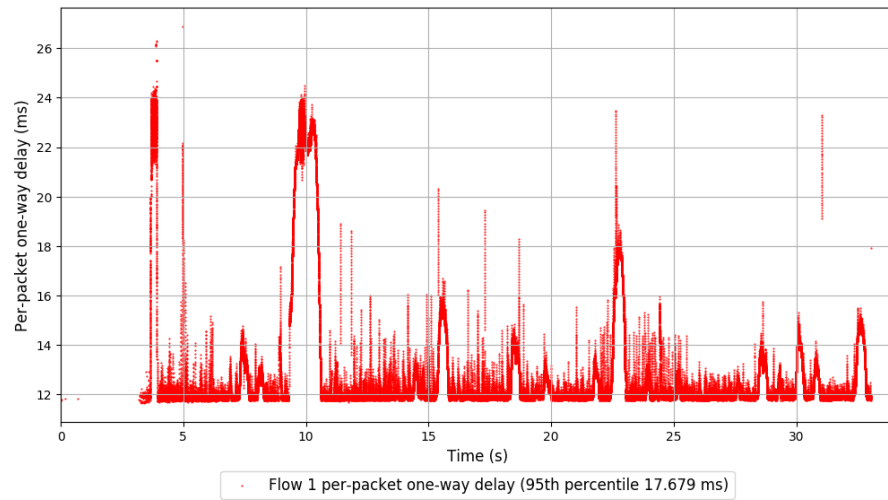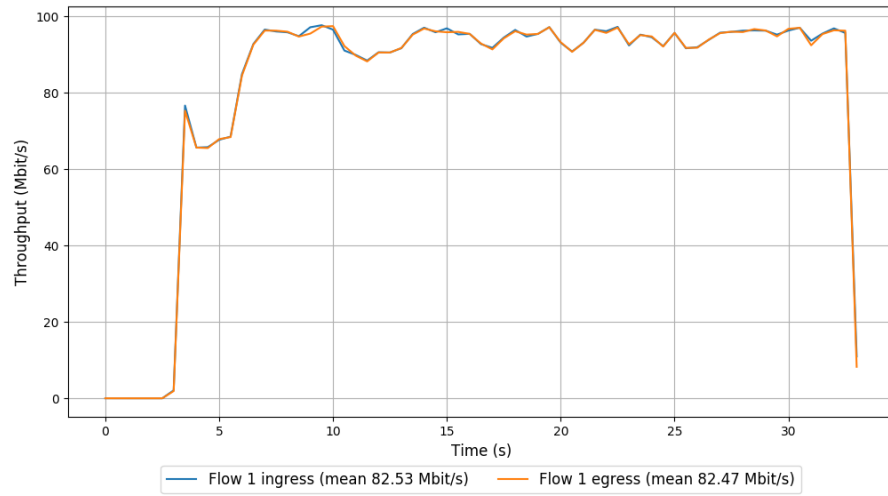
Run 10: Report of PCC — Data Link

Flow 1 ingress (mean 82.53 Mbit/s)   Flow 1 egress (mean 82.47 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 17.679 ms)

```
Run 1: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 22:07:16 +0000
End at: Thu, 29 Jun 2017 22:07:46 +0000
Local clock offset: -0.039 ms
Remote clock offset: -20.018 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:58:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.39 Mbit/s
95th percentile per-packet one-way delay: 12.324 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.39 Mbit/s
95th percentile per-packet one-way delay: 12.324 ms
Loss rate: 0.00%
```
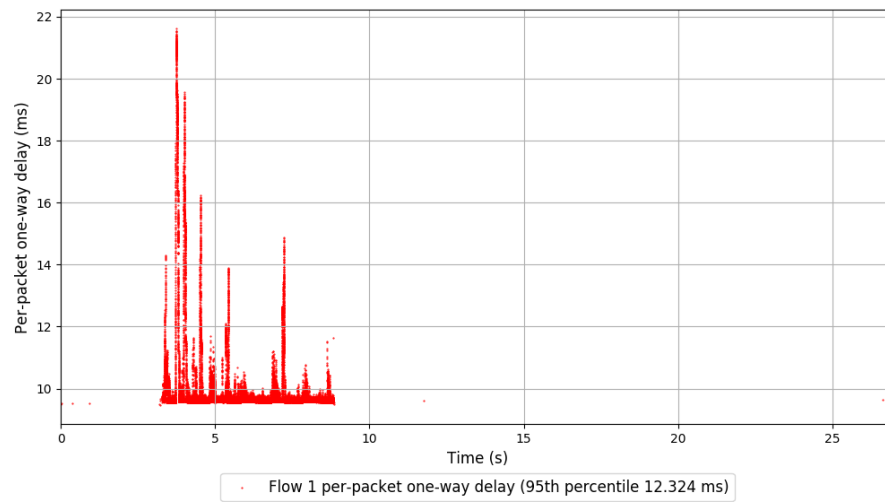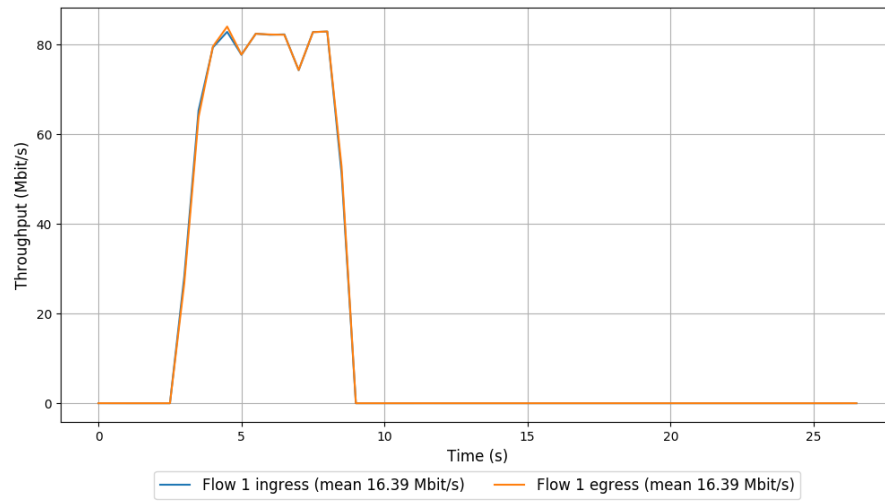
Run 1: Report of QUIC Cubic (toy) — Data Link

```
Run 2: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 22:24:50 +0000
End at: Thu, 29 Jun 2017 22:25:20 +0000
Local clock offset: 2.016 ms
Remote clock offset: -21.867 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:58:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.15 Mbit/s
95th percentile per-packet one-way delay: 12.621 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.15 Mbit/s
95th percentile per-packet one-way delay: 12.621 ms
Loss rate: 0.00%
```
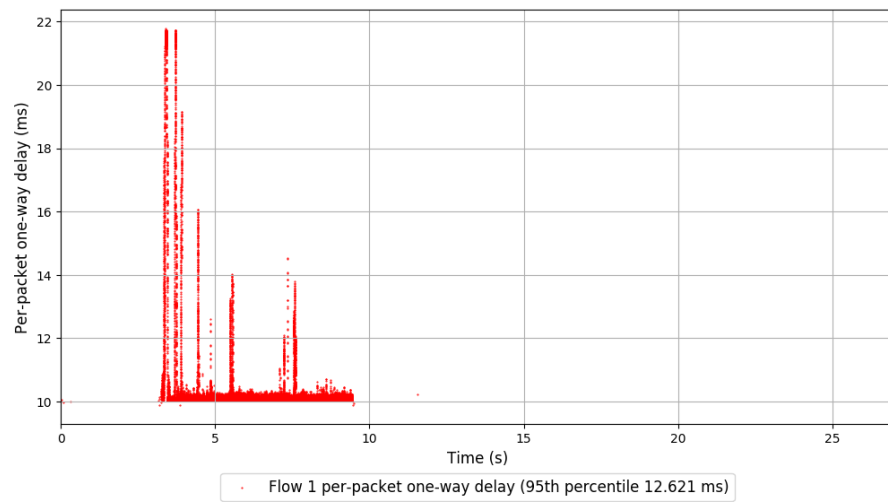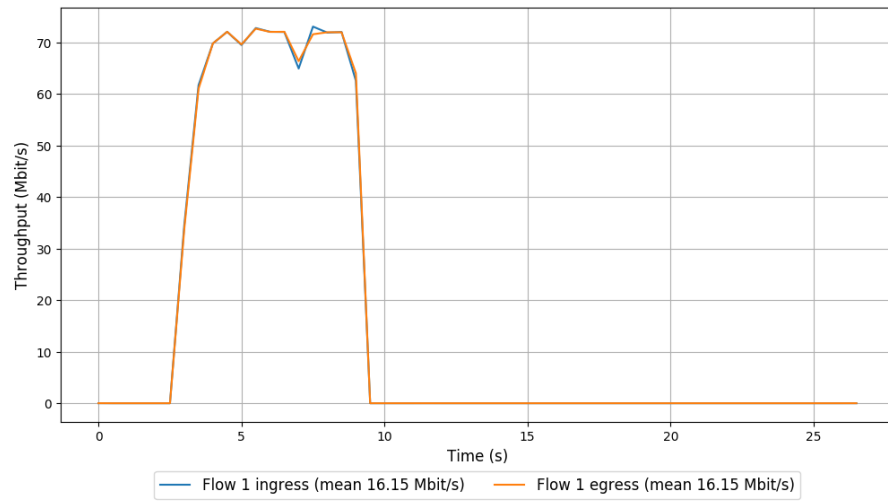
Run 2: Report of QUIC Cubic (toy) — Data Link

Flow 1 ingress (mean 16.15 Mbit/s) —— Flow 1 egress (mean 16.15 Mbit/s)

· Flow 1 per-packet one-way delay (95th percentile 12.621 ms)

```
Run 3: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 22:42:25 +0000
End at: Thu, 29 Jun 2017 22:42:55 +0000
Local clock offset: -1.48 ms
Remote clock offset: -21.349 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:58:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.26 Mbit/s
95th percentile per-packet one-way delay: 10.775 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 13.26 Mbit/s
95th percentile per-packet one-way delay: 10.775 ms
Loss rate: 0.47%
```
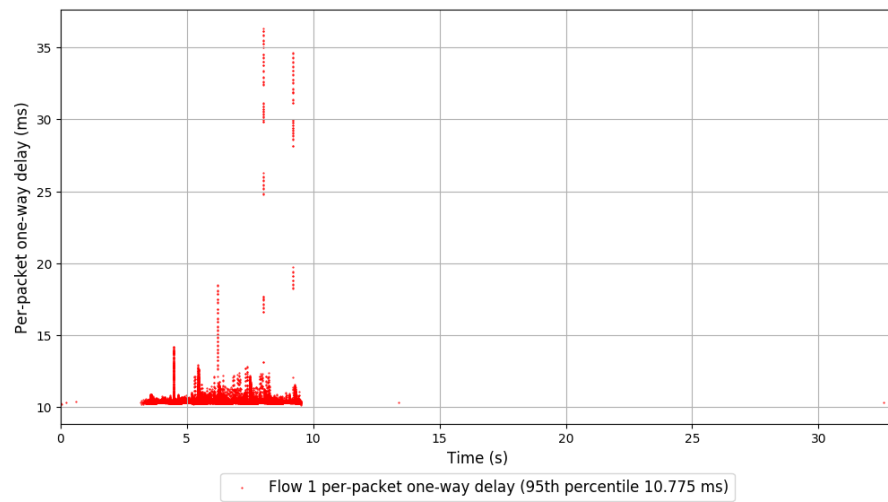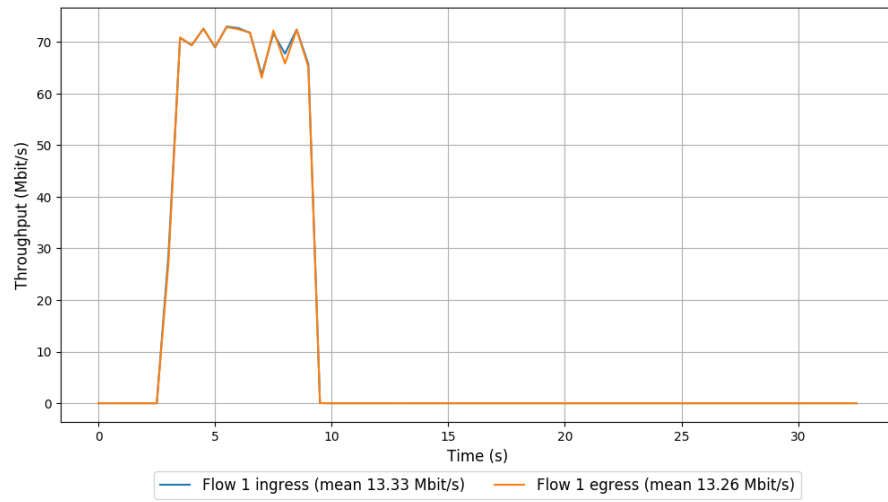
Run 3: Report of QUIC Cubic (toy) — Data Link

Flow 1 ingress (mean 13.33 Mbit/s) — Flow 1 egress (mean 13.26 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 10.775 ms)

```
Run 4: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 22:59:55 +0000
End at: Thu, 29 Jun 2017 23:00:25 +0000
Local clock offset: -0.531 ms
Remote clock offset: -23.69 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:58:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.23 Mbit/s
95th percentile per-packet one-way delay: 14.361 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 16.23 Mbit/s
95th percentile per-packet one-way delay: 14.361 ms
Loss rate: 0.01%
```
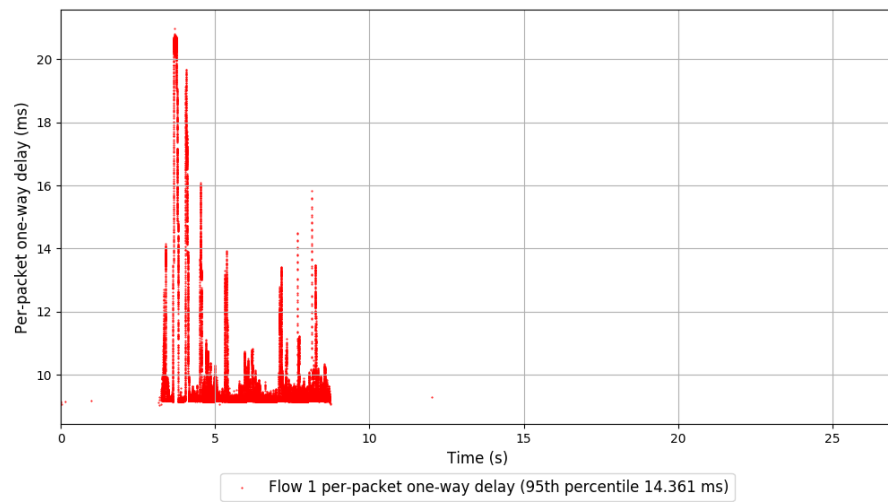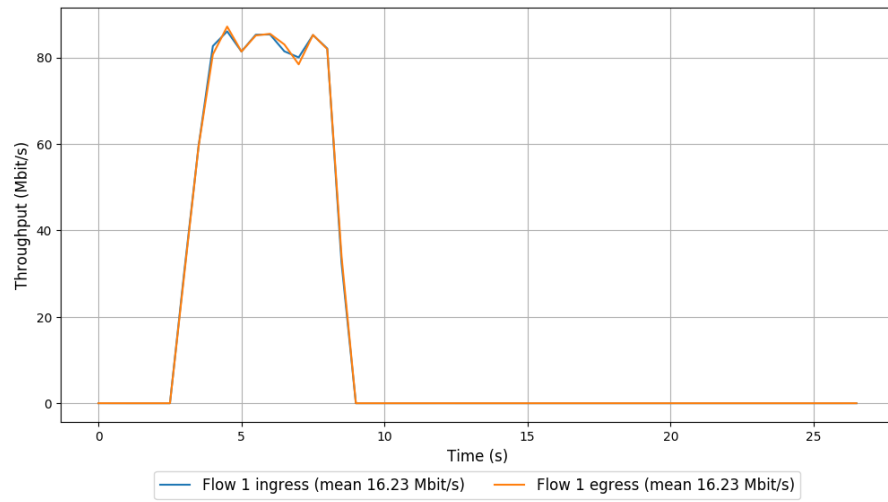
Run 4: Report of QUIC Cubic (toy) — Data Link

Flow 1 ingress (mean 16.23 Mbit/s)   Flow 1 egress (mean 16.23 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 14.361 ms)

```
Run 5: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 23:17:35 +0000
End at: Thu, 29 Jun 2017 23:18:05 +0000
Local clock offset: 1.302 ms
Remote clock offset: -23.615 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:58:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.66 Mbit/s
95th percentile per-packet one-way delay: 8.502 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.66 Mbit/s
95th percentile per-packet one-way delay: 8.502 ms
Loss rate: 0.00%
```
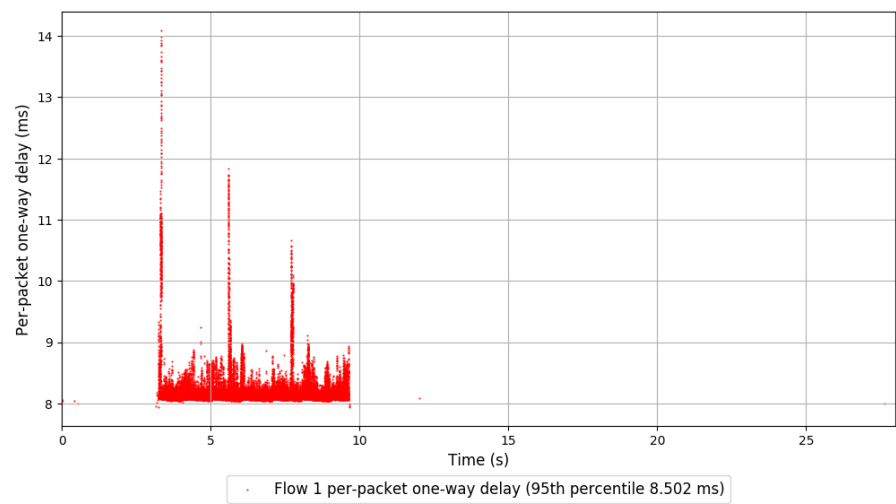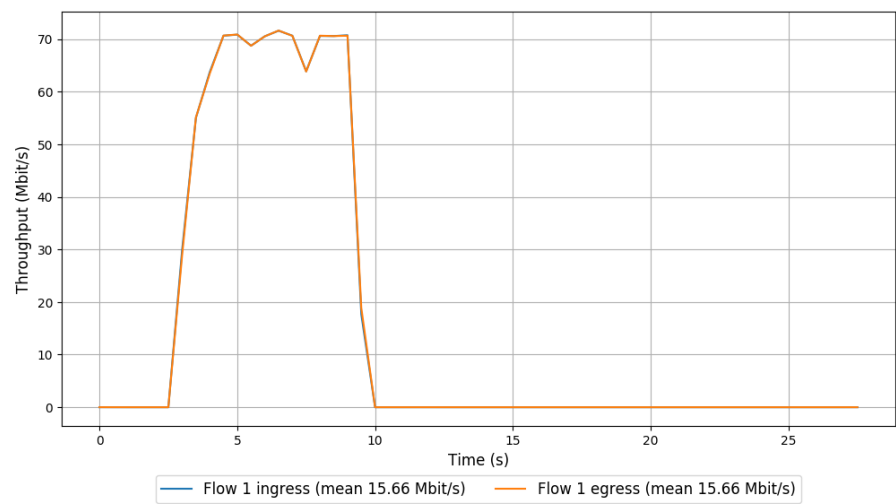
Run 5: Report of QUIC Cubic (toy) — Data Link

Flow 1 ingress (mean 15.66 Mbit/s) ——— Flow 1 egress (mean 15.66 Mbit/s)

· Flow 1 per-packet one-way delay (95th percentile 8.502 ms)

```
Run 6: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 23:34:57 +0000
End at: Thu, 29 Jun 2017 23:35:27 +0000
Local clock offset: -0.903 ms
Remote clock offset: -23.157 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:58:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.45 Mbit/s
95th percentile per-packet one-way delay: 9.488 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 13.45 Mbit/s
95th percentile per-packet one-way delay: 9.488 ms
Loss rate: 0.07%
```
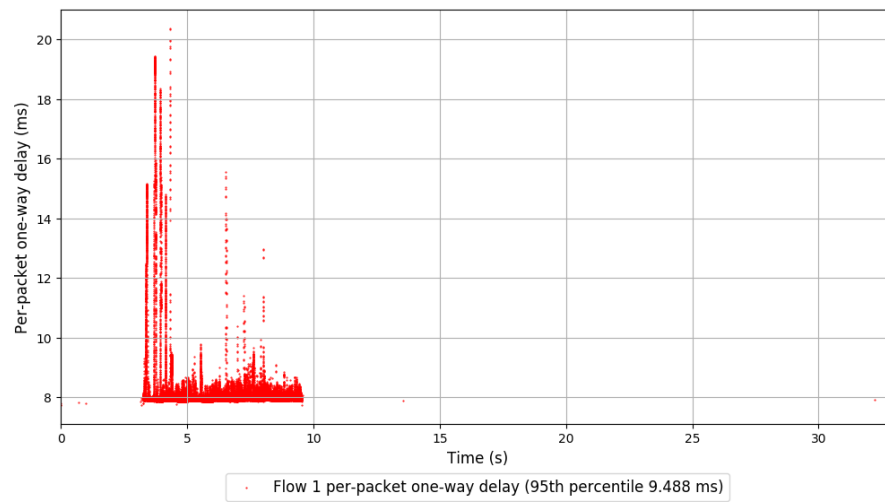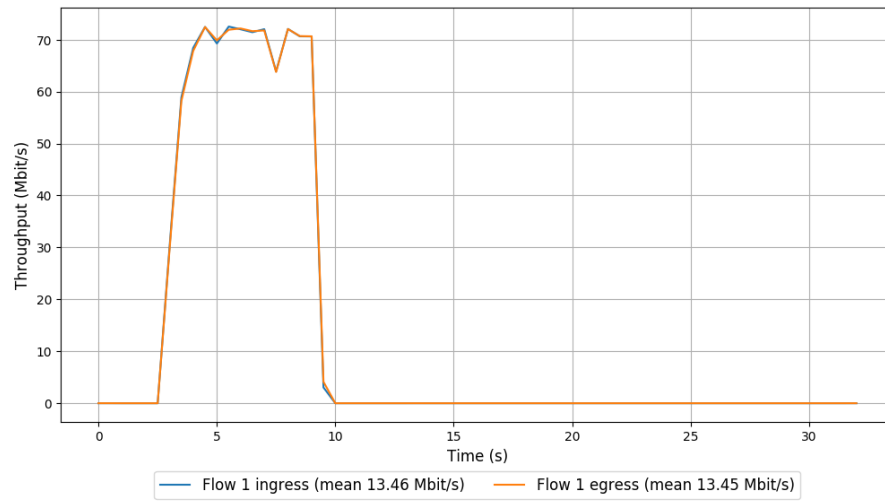
Run 6: Report of QUIC Cubic (toy) — Data Link

Flow 1 ingress (mean 13.46 Mbit/s) — Flow 1 egress (mean 13.45 Mbit/s)

. Flow 1 per-packet one-way delay (95th percentile 9.488 ms)

```
Run 7: Statistics of QUIC Cubic (toy)

Start at: Thu, 29 Jun 2017 23:52:21 +0000
End at: Thu, 29 Jun 2017 23:52:51 +0000
Local clock offset: -1.378 ms
Remote clock offset: -22.901 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:58:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.22 Mbit/s
95th percentile per-packet one-way delay: 9.735 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 14.22 Mbit/s
95th percentile per-packet one-way delay: 9.735 ms
Loss rate: 0.00%
```
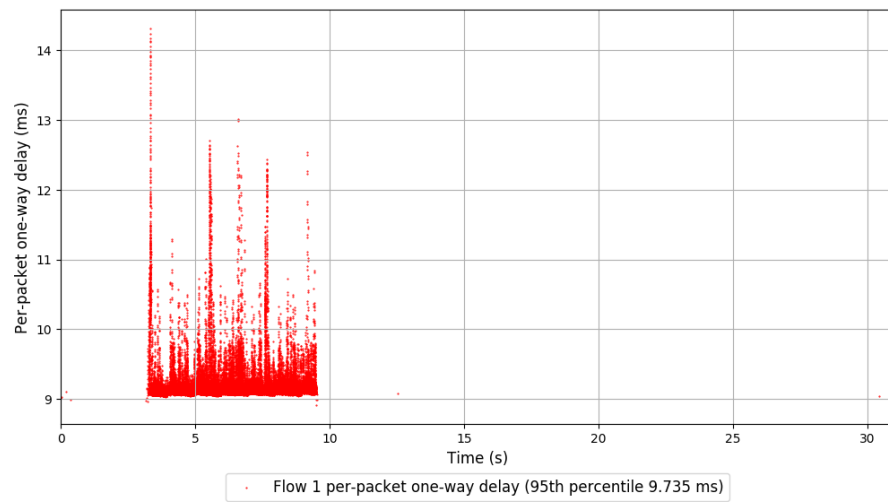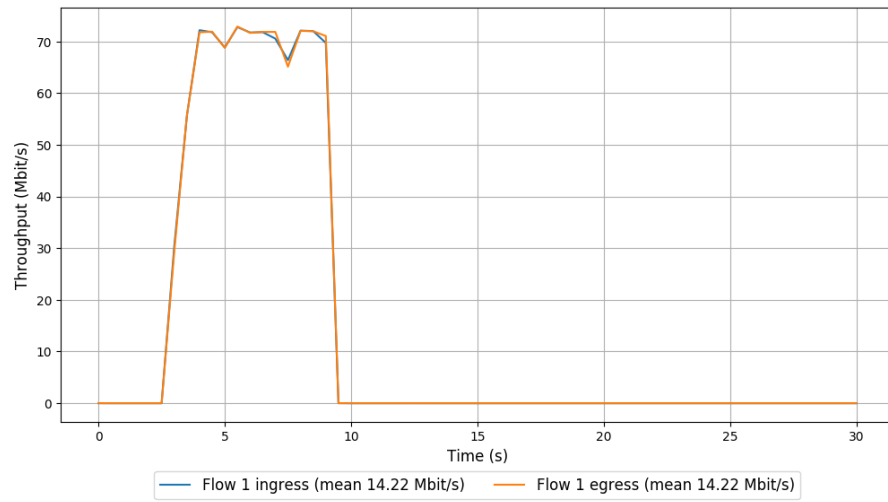
Run 7: Report of QUIC Cubic (toy) — Data Link

Flow 1 ingress (mean 14.22 Mbit/s) —— Flow 1 egress (mean 14.22 Mbit/s)

· Flow 1 per-packet one-way delay (95th percentile 9.735 ms)

```
Run 8: Statistics of QUIC Cubic (toy)

Start at: Fri, 30 Jun 2017 00:09:47 +0000
End at: Fri, 30 Jun 2017 00:10:17 +0000
Local clock offset: -6.37 ms
Remote clock offset: -27.856 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:58:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.28 Mbit/s
95th percentile per-packet one-way delay: 12.002 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.28 Mbit/s
95th percentile per-packet one-way delay: 12.002 ms
Loss rate: 0.00%
```
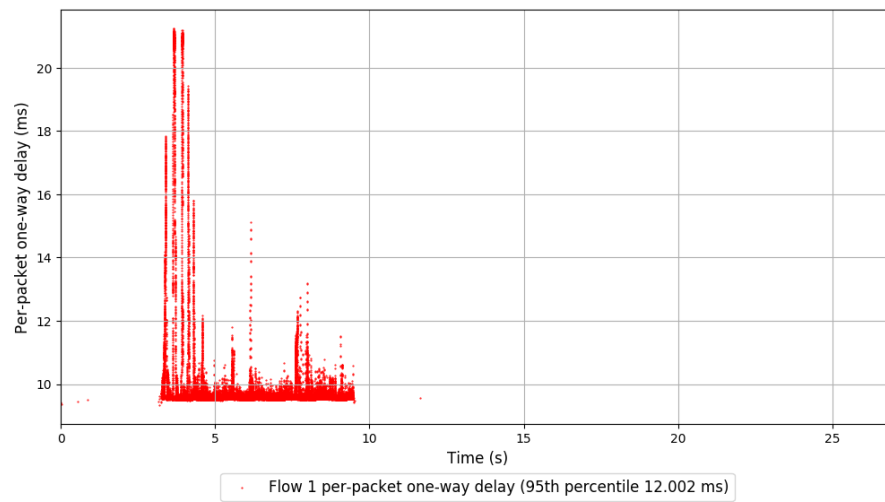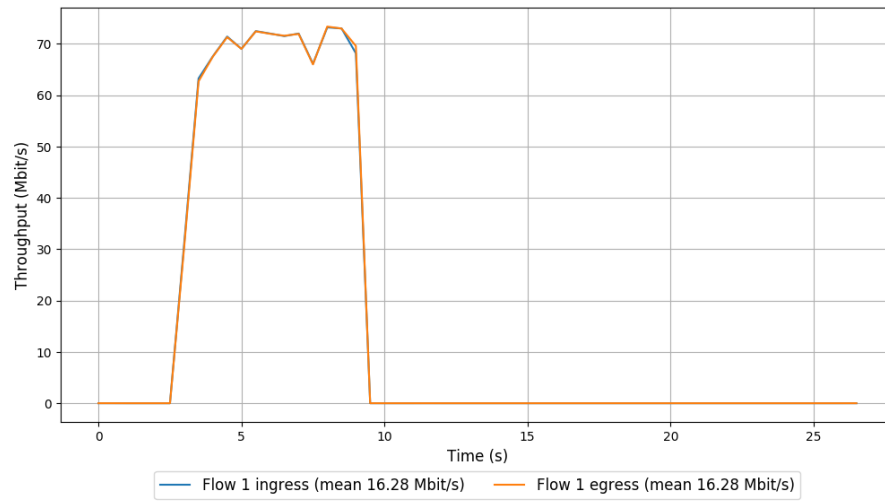
Run 8: Report of QUIC Cubic (toy) — Data Link

Flow 1 ingress (mean 16.28 Mbit/s)   Flow 1 egress (mean 16.28 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 12.002 ms)

159

```
Run 9: Statistics of QUIC Cubic (toy)

Start at: Fri, 30 Jun 2017 00:27:10 +0000
End at: Fri, 30 Jun 2017 00:27:40 +0000
Local clock offset: -1.707 ms
Remote clock offset: -19.627 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:58:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.74 Mbit/s
95th percentile per-packet one-way delay: 17.063 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.74 Mbit/s
95th percentile per-packet one-way delay: 17.063 ms
Loss rate: 0.00%
```
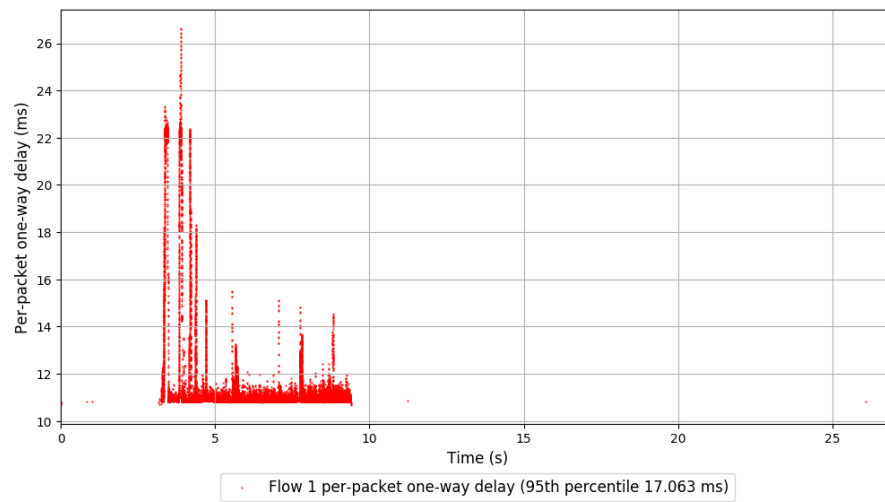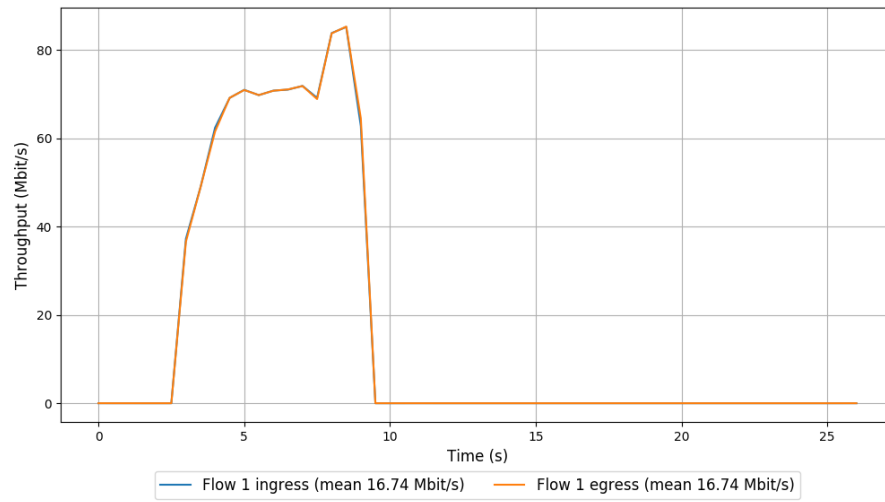
Run 9: Report of QUIC Cubic (toy) — Data Link

Flow 1 ingress (mean 16.74 Mbit/s)　　Flow 1 egress (mean 16.74 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 17.063 ms)

```
Run 10: Statistics of QUIC Cubic (toy)

Start at: Fri, 30 Jun 2017 00:44:40 +0000
End at: Fri, 30 Jun 2017 00:45:10 +0000
Local clock offset: -2.765 ms
Remote clock offset: -18.469 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:58:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.30 Mbit/s
95th percentile per-packet one-way delay: 23.140 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.30 Mbit/s
95th percentile per-packet one-way delay: 23.140 ms
Loss rate: 0.00%
```
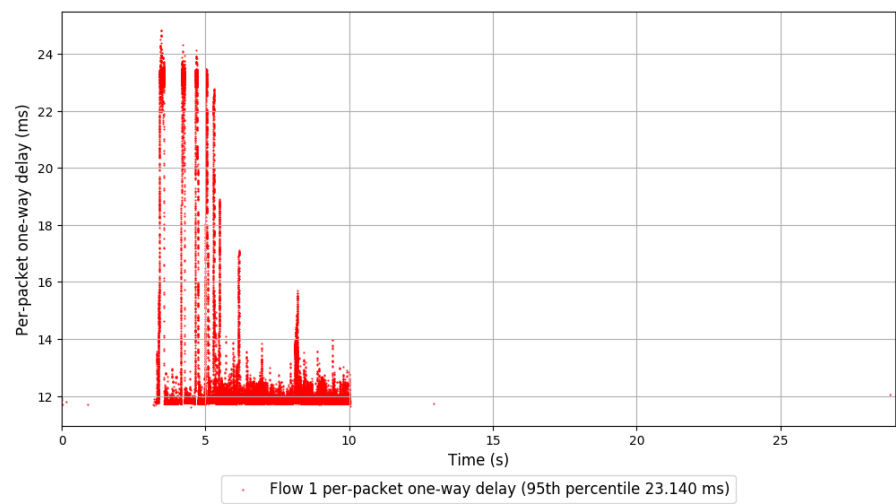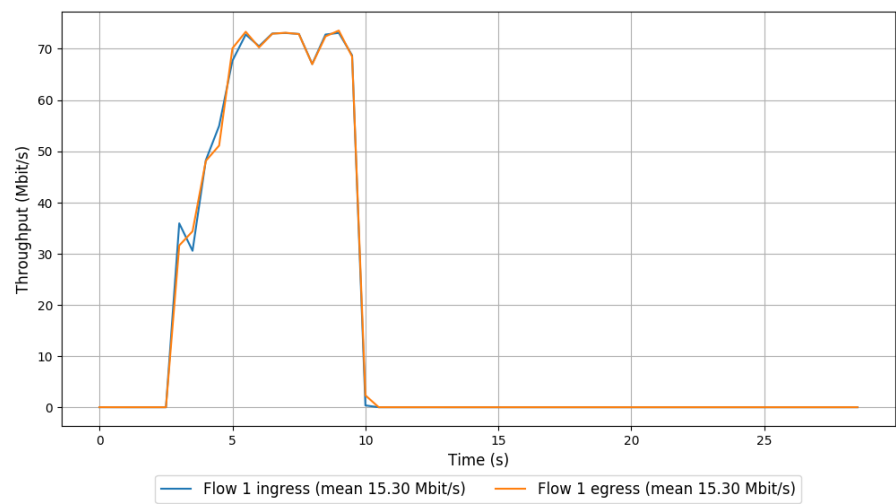
Run 10: Report of QUIC Cubic (toy) — Data Link

Flow 1 ingress (mean 15.30 Mbit/s)   Flow 1 egress (mean 15.30 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 23.140 ms)

```
Run 1: Statistics of Saturator

Start at: Thu, 29 Jun 2017 22:01:17 +0000
End at: Thu, 29 Jun 2017 22:01:47 +0000
Local clock offset: -0.243 ms
Remote clock offset: -20.724 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:58:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.35 Mbit/s
95th percentile per-packet one-way delay: 11.178 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 87.35 Mbit/s
95th percentile per-packet one-way delay: 11.178 ms
Loss rate: 0.19%
```
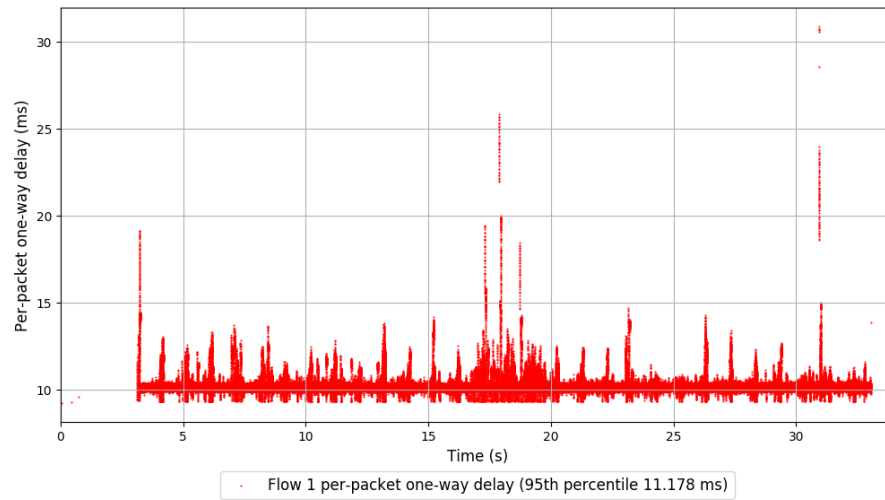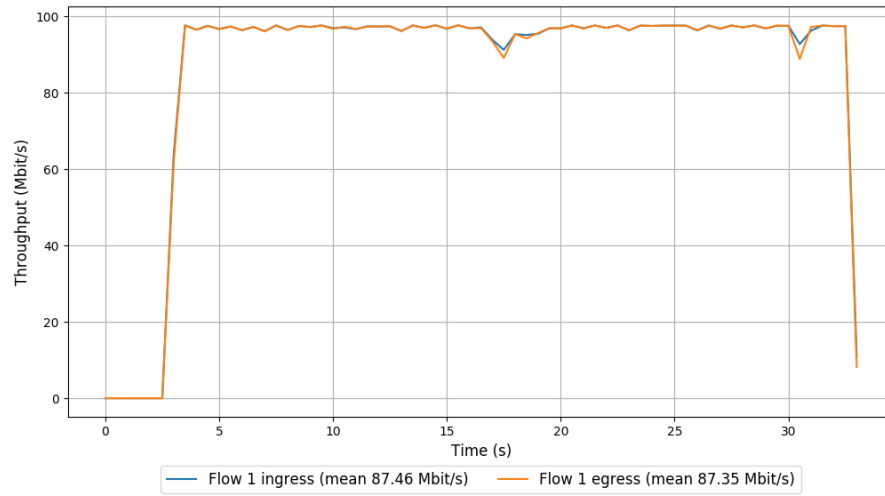
Run 1: Report of Saturator — Data Link

Flow 1 ingress (mean 87.46 Mbit/s) Flow 1 egress (mean 87.35 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 11.178 ms)

```
Run 2: Statistics of Saturator

Start at: Thu, 29 Jun 2017 22:18:57 +0000
End at: Thu, 29 Jun 2017 22:19:28 +0000
Local clock offset: -1.13 ms
Remote clock offset: -22.166 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:58:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.81 Mbit/s
95th percentile per-packet one-way delay: 10.888 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 87.81 Mbit/s
95th percentile per-packet one-way delay: 10.888 ms
Loss rate: 0.16%
```
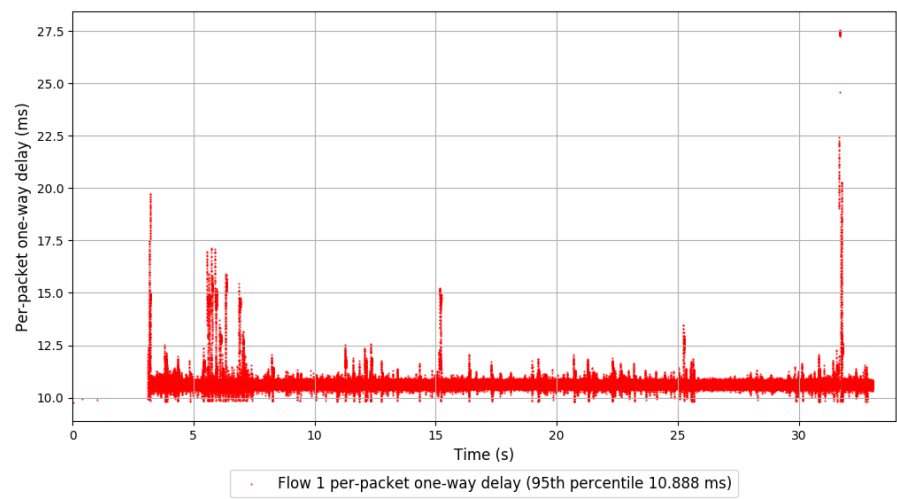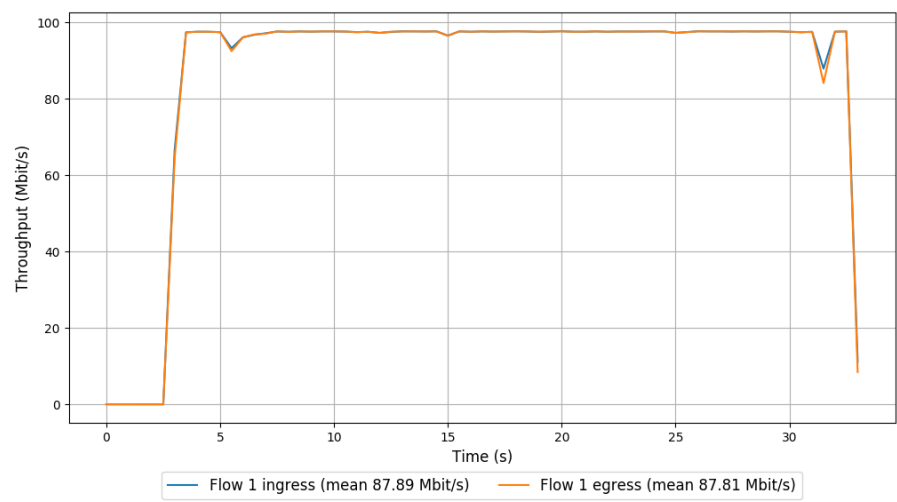
Run 2: Report of Saturator — Data Link

Flow 1 ingress (mean 87.89 Mbit/s)   Flow 1 egress (mean 87.81 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 10.888 ms)

```
Run 3: Statistics of Saturator

Start at: Thu, 29 Jun 2017 22:36:31 +0000
End at: Thu, 29 Jun 2017 22:37:01 +0000
Local clock offset: -0.447 ms
Remote clock offset: -20.649 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:58:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.40 Mbit/s
95th percentile per-packet one-way delay: 11.959 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 87.40 Mbit/s
95th percentile per-packet one-way delay: 11.959 ms
Loss rate: 0.22%
```
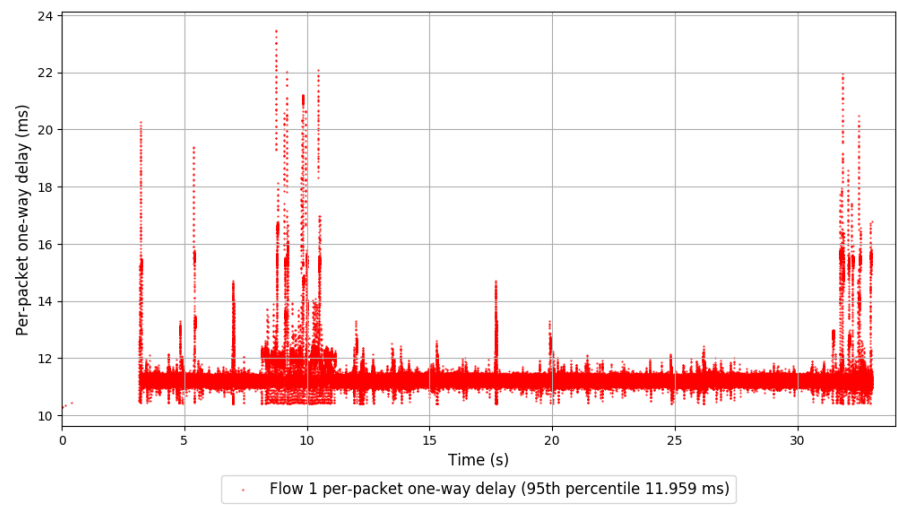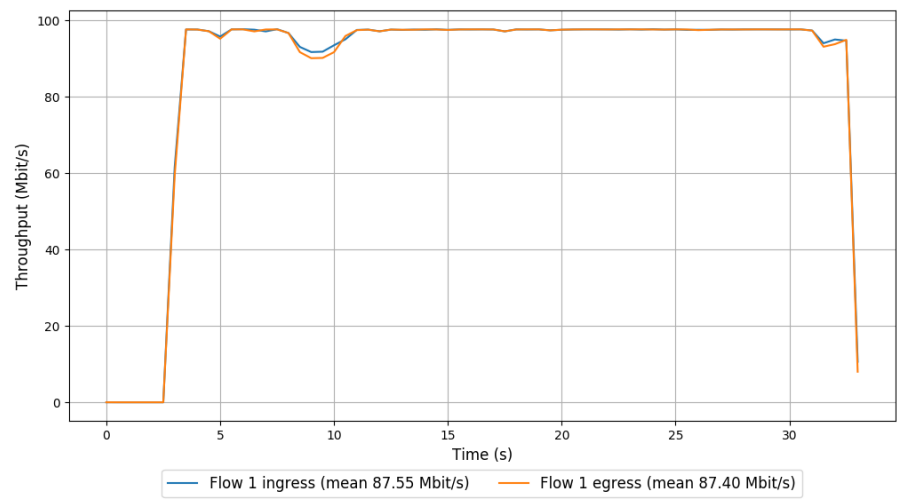
Run 3: Report of Saturator — Data Link

Flow 1 ingress (mean 87.55 Mbit/s)   Flow 1 egress (mean 87.40 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 11.959 ms)

```
Run 4: Statistics of Saturator

Start at: Thu, 29 Jun 2017 22:54:07 +0000
End at: Thu, 29 Jun 2017 22:54:37 +0000
Local clock offset: -1.183 ms
Remote clock offset: -23.079 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:58:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.93 Mbit/s
95th percentile per-packet one-way delay: 11.934 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 86.93 Mbit/s
95th percentile per-packet one-way delay: 11.934 ms
Loss rate: 0.24%
```
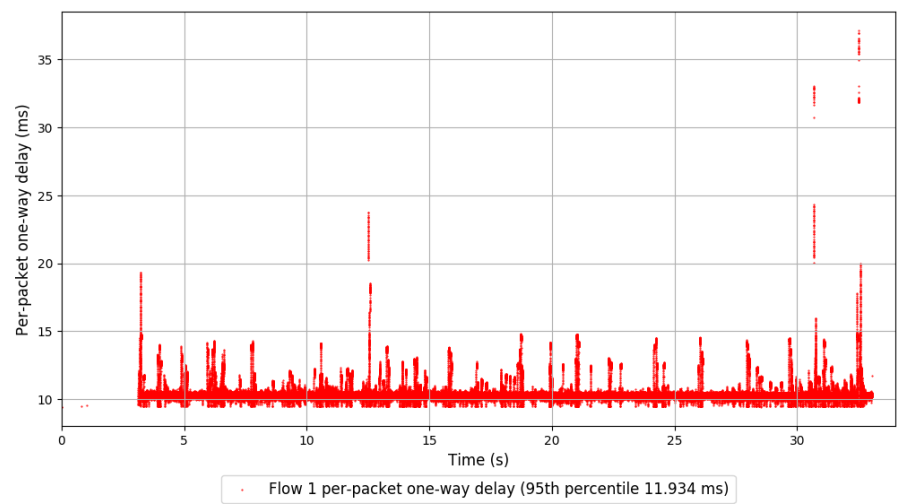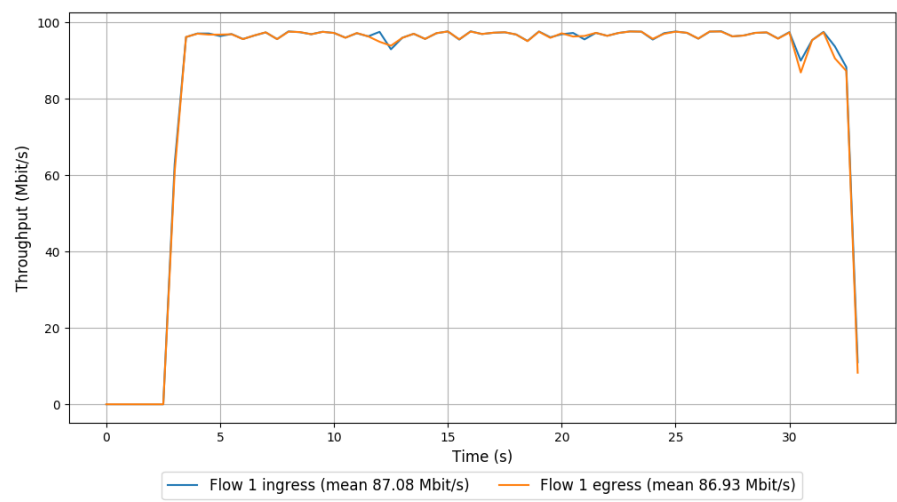
Run 4: Report of Saturator — Data Link

Flow 1 ingress (mean 87.08 Mbit/s) —— Flow 1 egress (mean 86.93 Mbit/s)

· Flow 1 per-packet one-way delay (95th percentile 11.934 ms)

```
Run 5: Statistics of Saturator

Start at: Thu, 29 Jun 2017 23:11:43 +0000
End at: Thu, 29 Jun 2017 23:12:13 +0000
Local clock offset: 2.017 ms
Remote clock offset: -22.131 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:58:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.27 Mbit/s
95th percentile per-packet one-way delay: 10.830 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 87.27 Mbit/s
95th percentile per-packet one-way delay: 10.830 ms
Loss rate: 0.11%
```
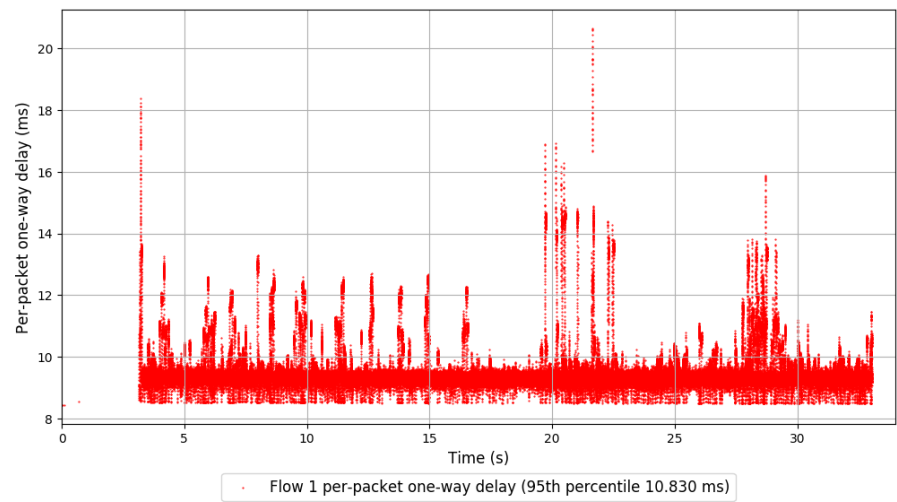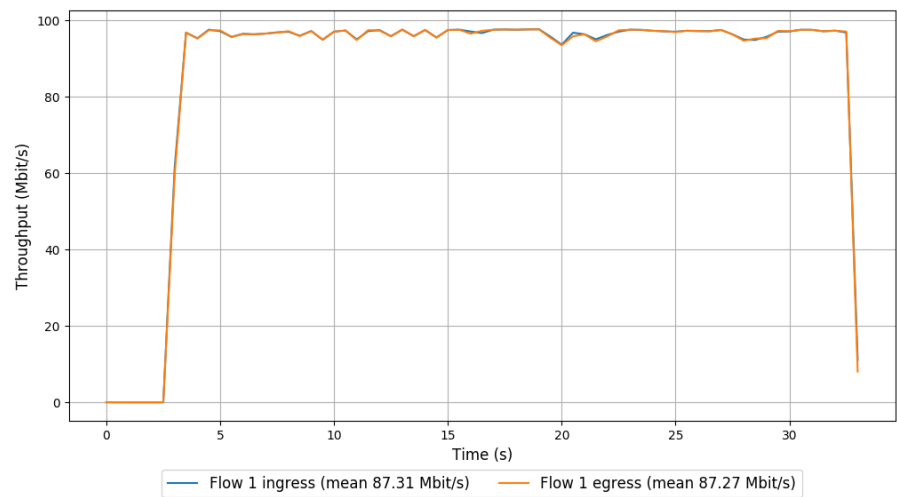
Run 5: Report of Saturator — Data Link

Flow 1 ingress (mean 87.31 Mbit/s)   Flow 1 egress (mean 87.27 Mbit/s)

. Flow 1 per-packet one-way delay (95th percentile 10.830 ms)

```
Run 6: Statistics of Saturator

Start at: Thu, 29 Jun 2017 23:29:10 +0000
End at: Thu, 29 Jun 2017 23:29:40 +0000
Local clock offset: 1.579 ms
Remote clock offset: -23.75 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:58:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.98 Mbit/s
95th percentile per-packet one-way delay: 9.317 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 86.98 Mbit/s
95th percentile per-packet one-way delay: 9.317 ms
Loss rate: 0.32%
```
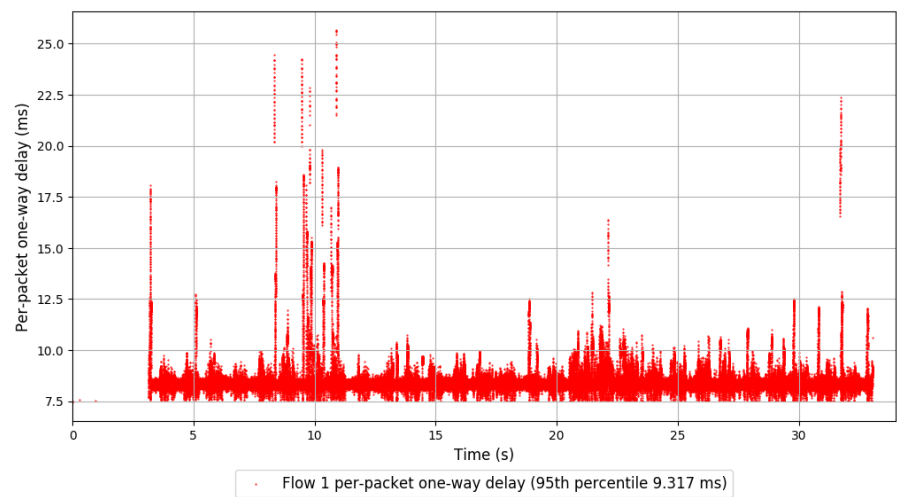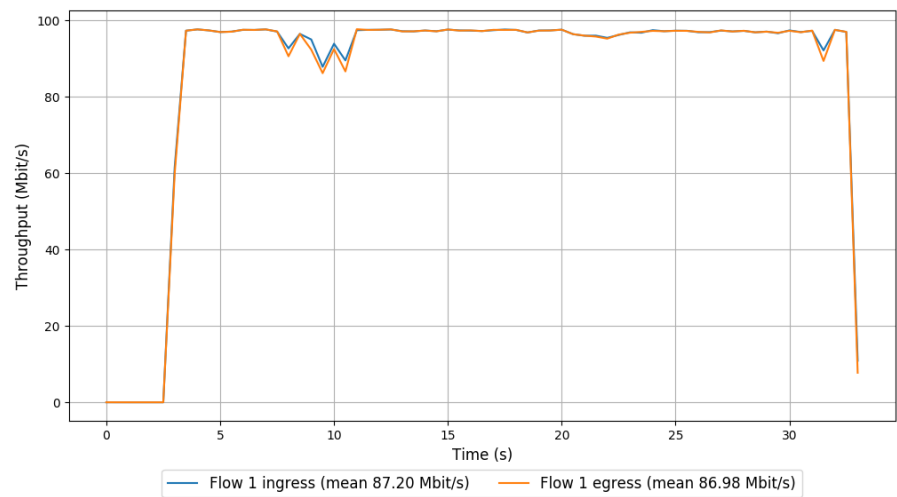
Run 6: Report of Saturator — Data Link

Flow 1 ingress (mean 87.20 Mbit/s) — Flow 1 egress (mean 86.98 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 9.317 ms)

175

```
Run 7: Statistics of Saturator

Start at: Thu, 29 Jun 2017 23:46:32 +0000
End at: Thu, 29 Jun 2017 23:47:03 +0000
Local clock offset: -1.336 ms
Remote clock offset: -22.447 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:59:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.76 Mbit/s
95th percentile per-packet one-way delay: 12.525 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 85.76 Mbit/s
95th percentile per-packet one-way delay: 12.525 ms
Loss rate: 0.32%
```
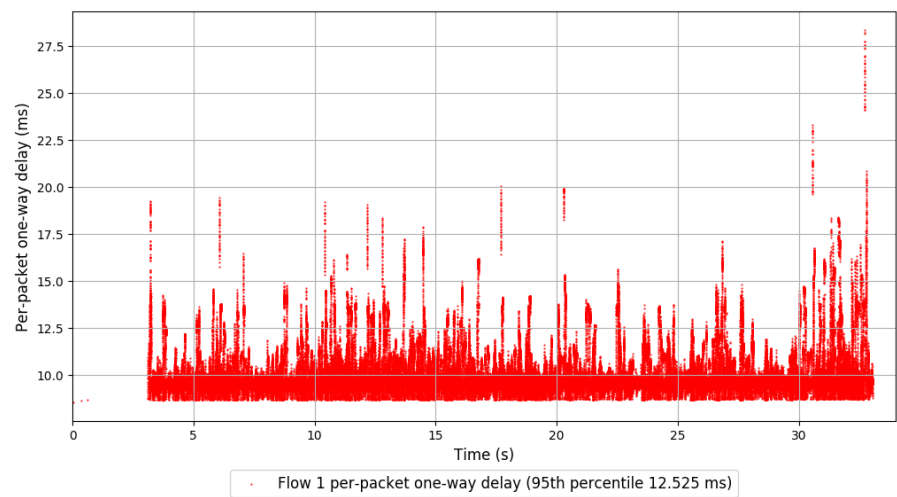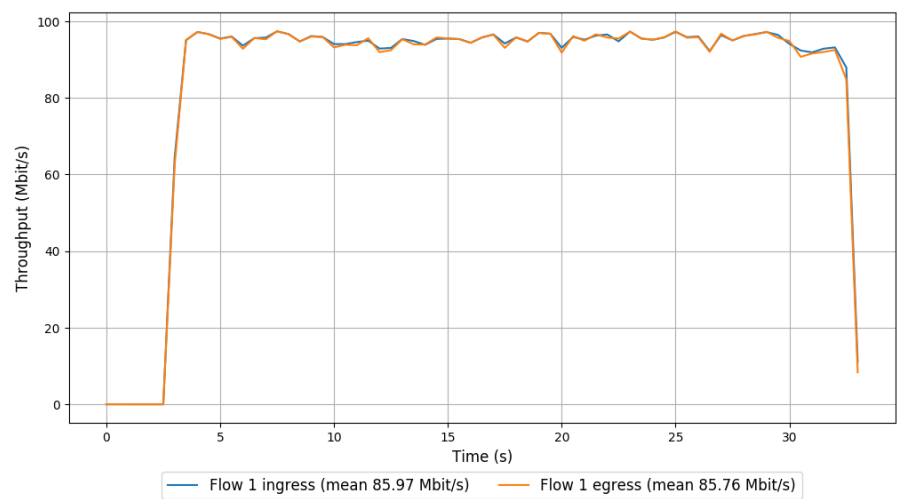
Run 7: Report of Saturator — Data Link

Flow 1 ingress (mean 85.97 Mbit/s) —— Flow 1 egress (mean 85.76 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 12.525 ms)

```
Run 8: Statistics of Saturator

Start at: Fri, 30 Jun 2017 00:03:55 +0000
End at: Fri, 30 Jun 2017 00:04:25 +0000
Local clock offset: -0.955 ms
Remote clock offset: -21.43 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:59:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.95 Mbit/s
95th percentile per-packet one-way delay: 12.480 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 86.95 Mbit/s
95th percentile per-packet one-way delay: 12.480 ms
Loss rate: 0.10%
```
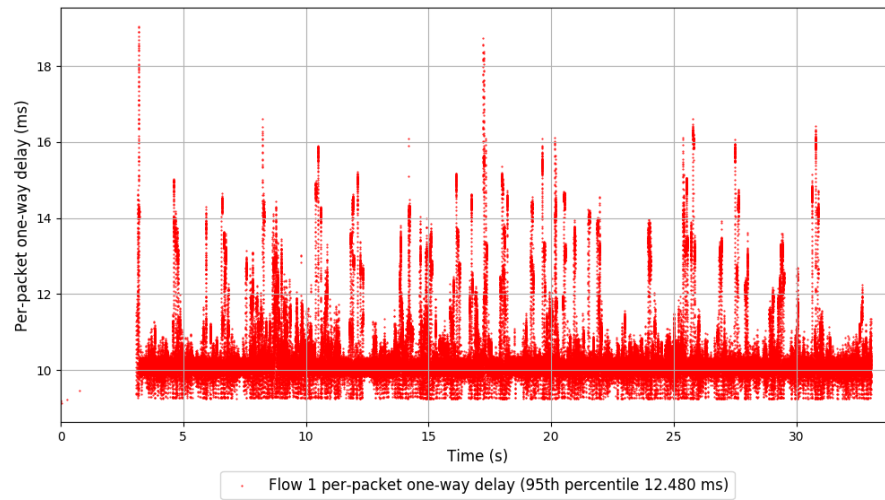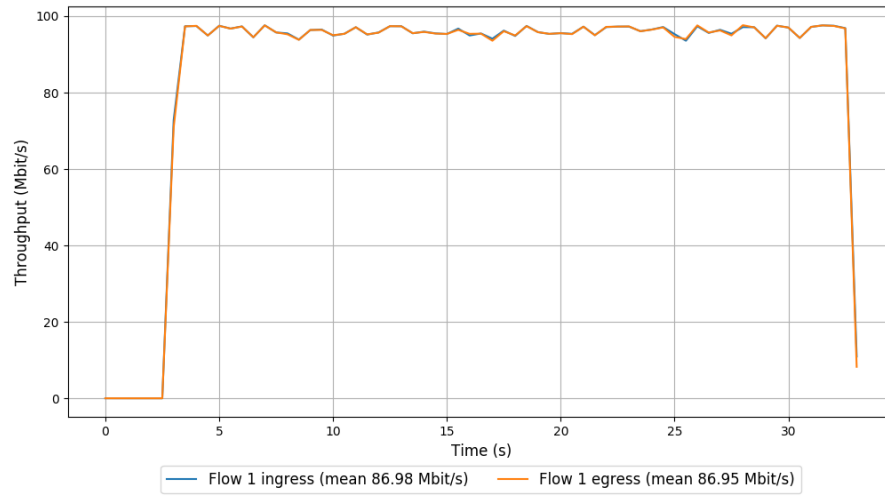
Run 8: Report of Saturator — Data Link

Flow 1 ingress (mean 86.98 Mbit/s)   Flow 1 egress (mean 86.95 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 12.480 ms)

```
Run 9: Statistics of Saturator

Start at: Fri, 30 Jun 2017 00:21:21 +0000
End at: Fri, 30 Jun 2017 00:21:51 +0000
Local clock offset: -3.319 ms
Remote clock offset: -20.691 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:59:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.39 Mbit/s
95th percentile per-packet one-way delay: 12.346 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 87.39 Mbit/s
95th percentile per-packet one-way delay: 12.346 ms
Loss rate: 0.18%
```
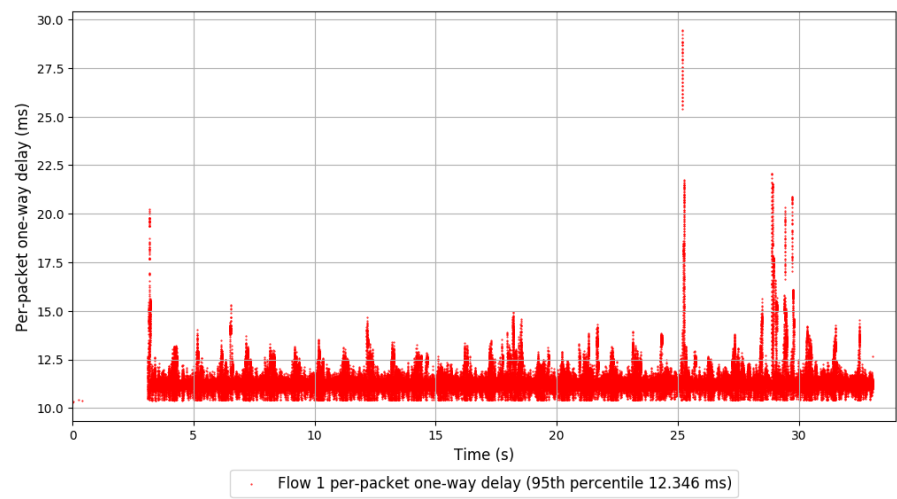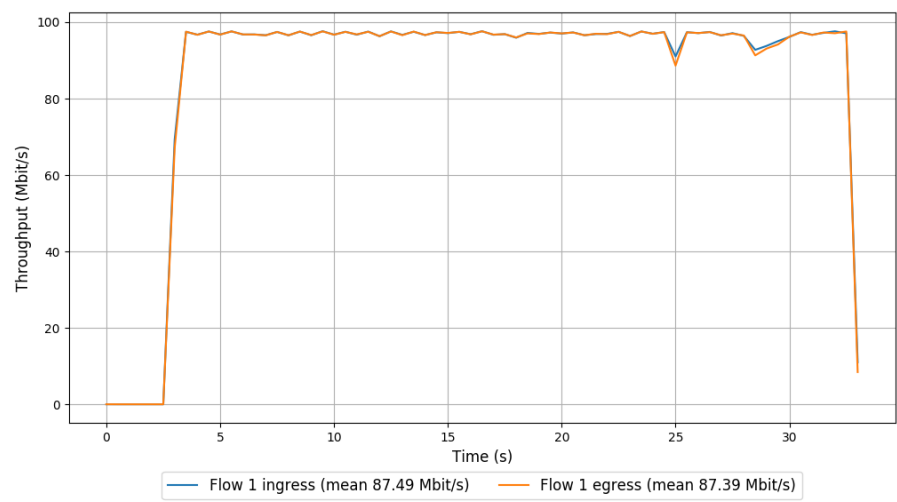
Run 9: Report of Saturator — Data Link

```
Run 10: Statistics of Saturator

Start at: Fri, 30 Jun 2017 00:38:47 +0000
End at: Fri, 30 Jun 2017 00:39:17 +0000
Local clock offset: -1.447 ms
Remote clock offset: -21.336 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:59:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.81 Mbit/s
95th percentile per-packet one-way delay: 13.907 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 86.81 Mbit/s
95th percentile per-packet one-way delay: 13.907 ms
Loss rate: 0.24%
```
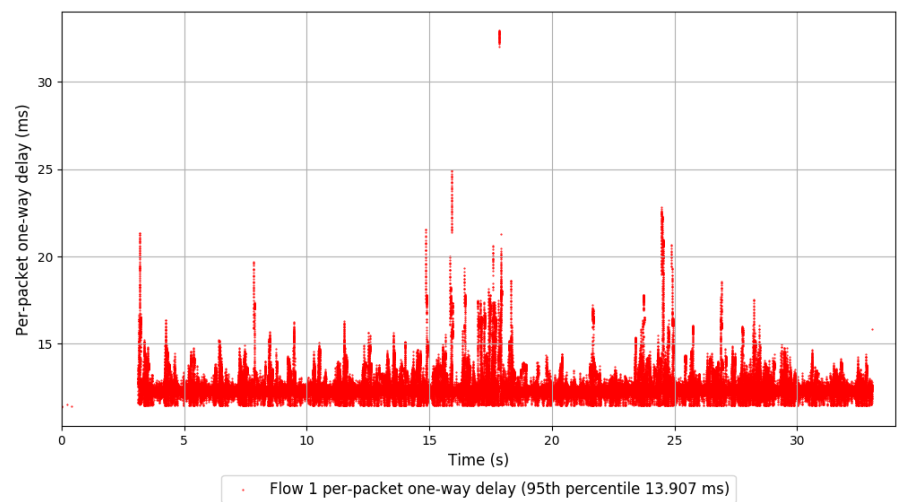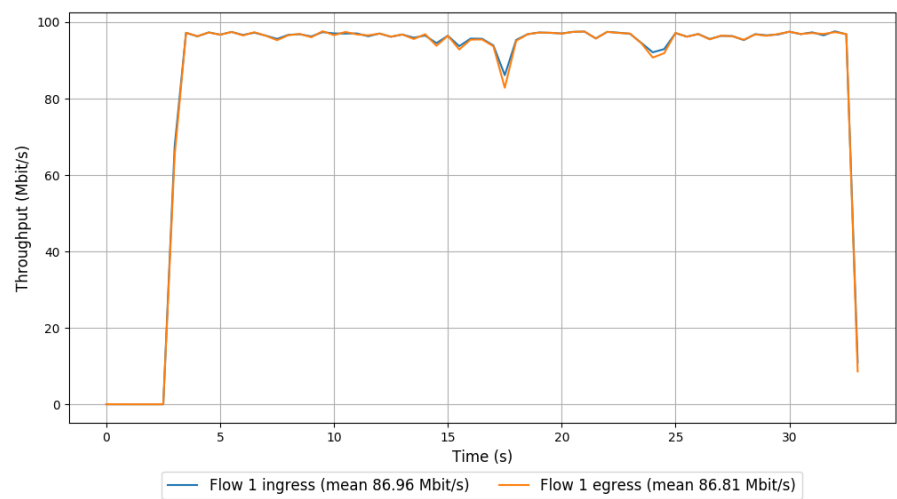
Run 10: Report of Saturator — Data Link

Flow 1 ingress (mean 86.96 Mbit/s) — Flow 1 egress (mean 86.81 Mbit/s)

· Flow 1 per-packet one-way delay (95th percentile 13.907 ms)

```
Run 1: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 22:02:32 +0000
End at: Thu, 29 Jun 2017 22:03:02 +0000
Local clock offset: 1.608 ms
Remote clock offset: -22.204 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:59:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 9.558 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 9.558 ms
Loss rate: 0.00%
```
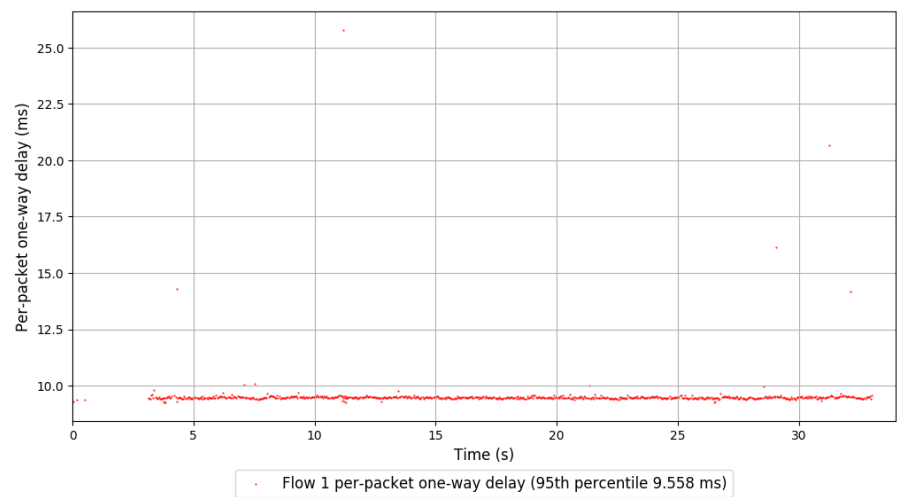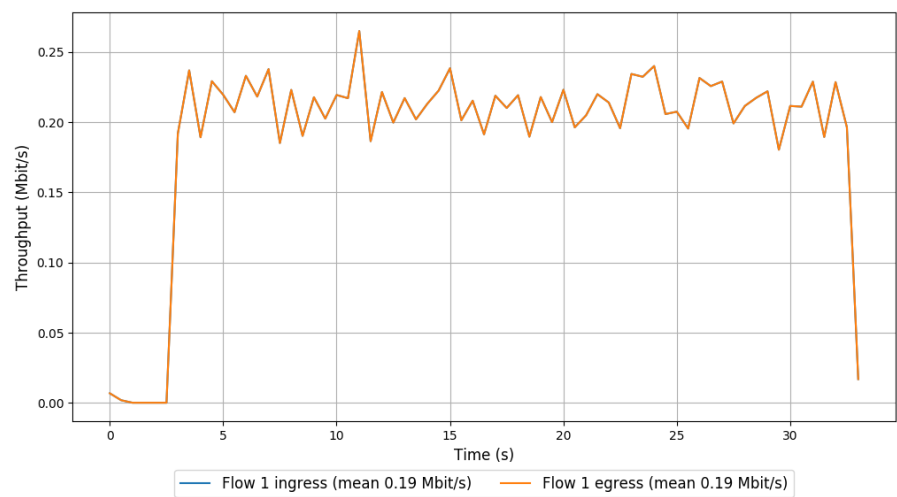
Run 1: Report of SCReAM — Data Link

```
Run 2: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 22:20:10 +0000
End at: Thu, 29 Jun 2017 22:20:40 +0000
Local clock offset: 2.013 ms
Remote clock offset: -21.043 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:59:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 9.968 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 9.968 ms
Loss rate: 0.00%
```
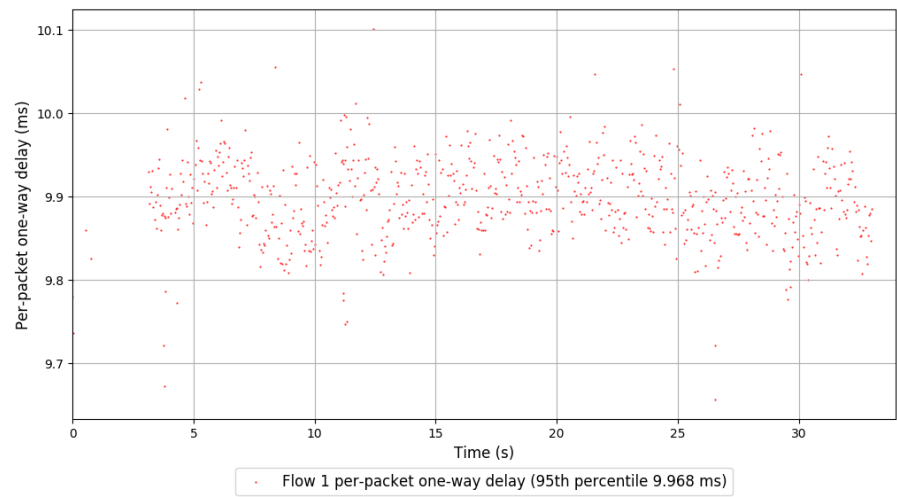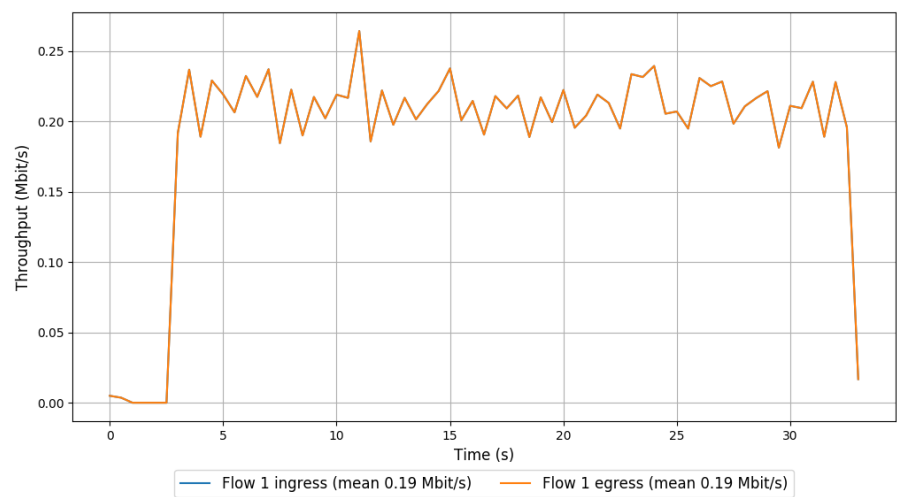
Run 2: Report of SCReAM — Data Link

Flow 1 ingress (mean 0.19 Mbit/s)   Flow 1 egress (mean 0.19 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 9.968 ms)

```
Run 3: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 22:37:45 +0000
End at: Thu, 29 Jun 2017 22:38:15 +0000
Local clock offset: -0.684 ms
Remote clock offset: -20.488 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:59:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 10.560 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 10.560 ms
Loss rate: 0.13%
```
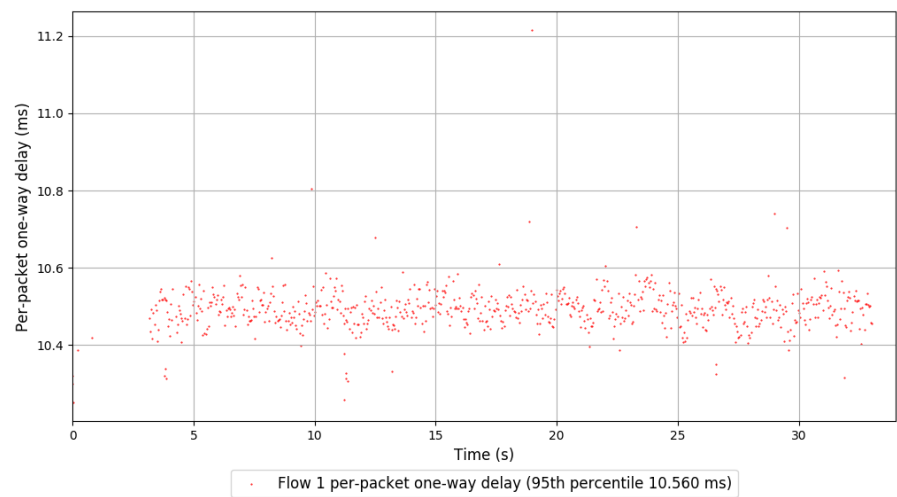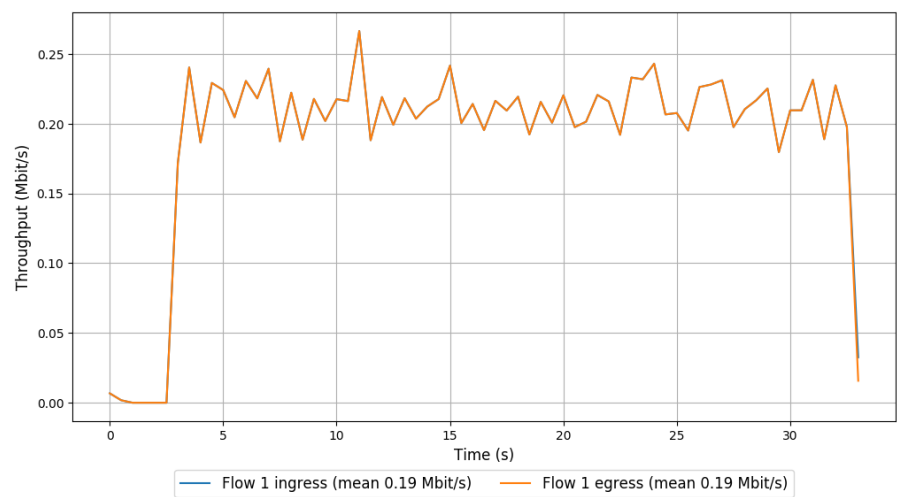
Run 3: Report of SCReAM — Data Link

```
Run 4: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 22:55:20 +0000
End at: Thu, 29 Jun 2017 22:55:50 +0000
Local clock offset: -3.682 ms
Remote clock offset: -27.546 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:59:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 9.589 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 9.589 ms
Loss rate: 0.00%
```
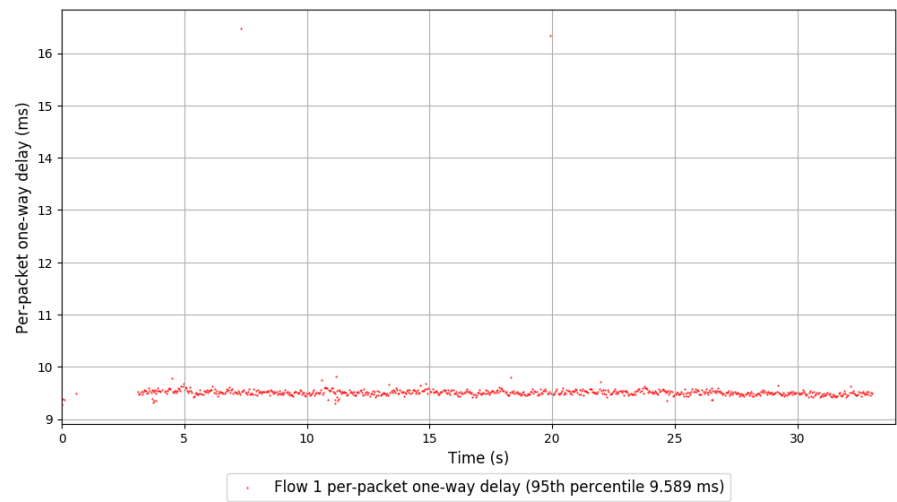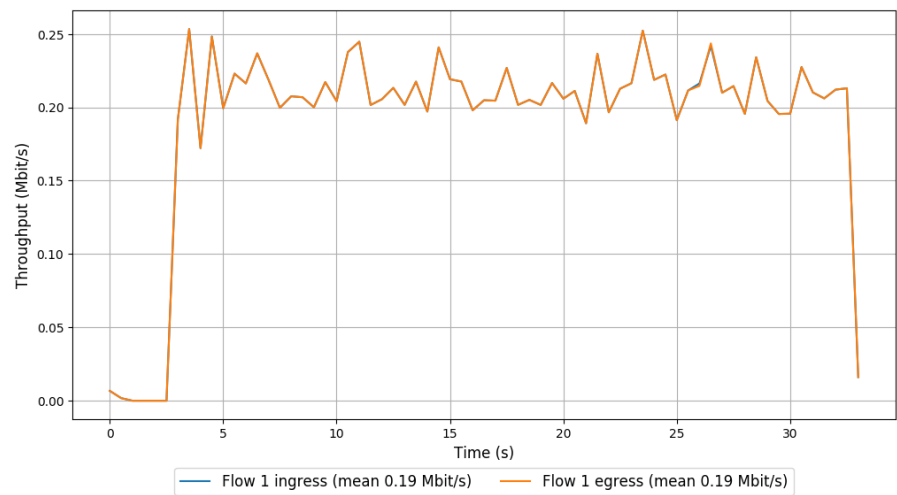
Run 4: Report of SCReAM — Data Link

Flow 1 ingress (mean 0.19 Mbit/s)   Flow 1 egress (mean 0.19 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 9.589 ms)

```
Run 5: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 23:12:59 +0000
End at: Thu, 29 Jun 2017 23:13:29 +0000
Local clock offset: 1.448 ms
Remote clock offset: -22.186 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:59:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 8.568 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 8.568 ms
Loss rate: 0.13%
```
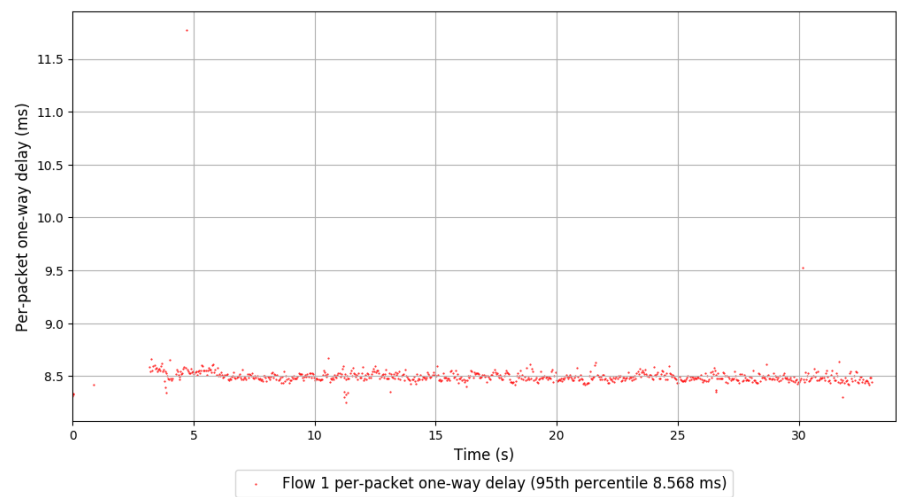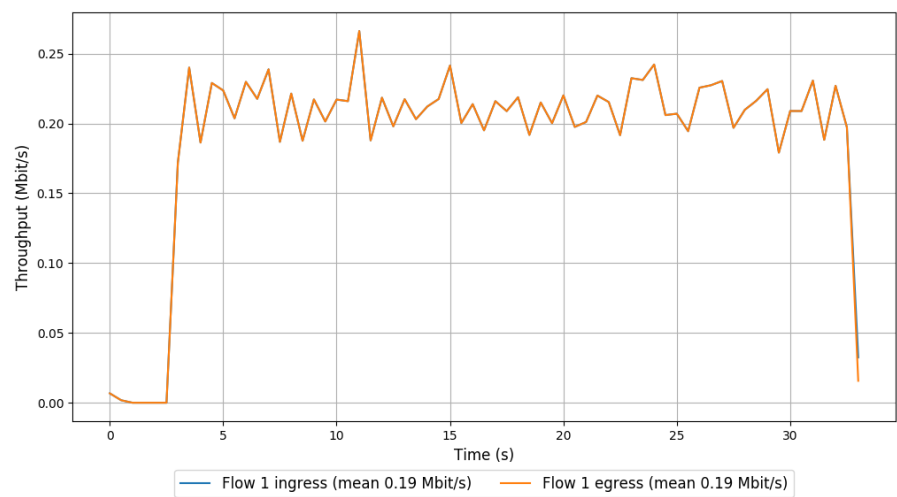
Run 5: Report of SCReAM — Data Link

Flow 1 ingress (mean 0.19 Mbit/s) ——— Flow 1 egress (mean 0.19 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 8.568 ms)

```
Run 6: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 23:30:25 +0000
End at: Thu, 29 Jun 2017 23:30:55 +0000
Local clock offset: -0.422 ms
Remote clock offset: -24.925 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:59:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 7.846 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 7.846 ms
Loss rate: 0.13%
```
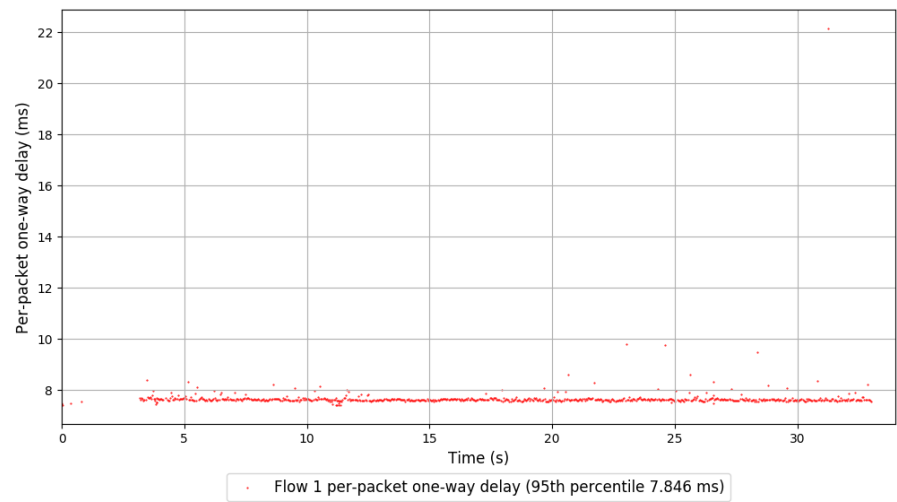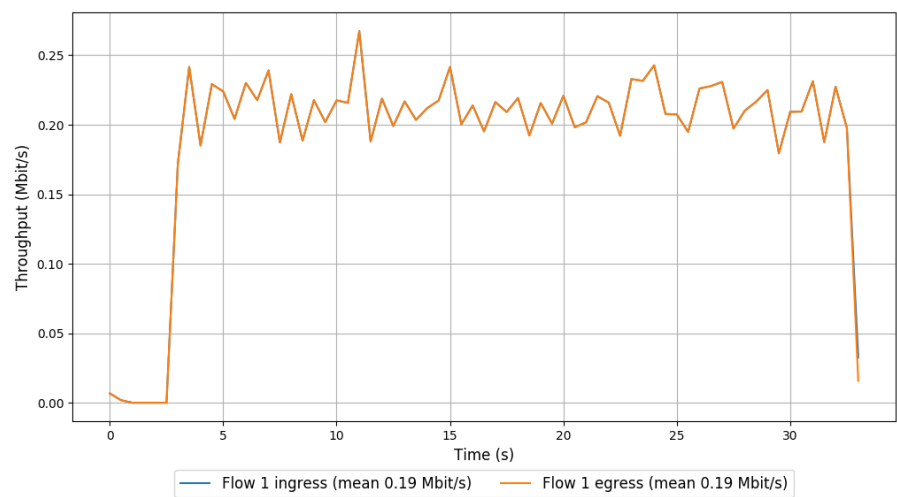
Run 6: Report of SCReAM — Data Link

Flow 1 ingress (mean 0.19 Mbit/s)   Flow 1 egress (mean 0.19 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 7.846 ms)

```
Run 7: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 23:47:45 +0000
End at: Thu, 29 Jun 2017 23:48:15 +0000
Local clock offset: -1.61 ms
Remote clock offset: -22.22 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:59:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 9.032 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 9.032 ms
Loss rate: 0.13%
```
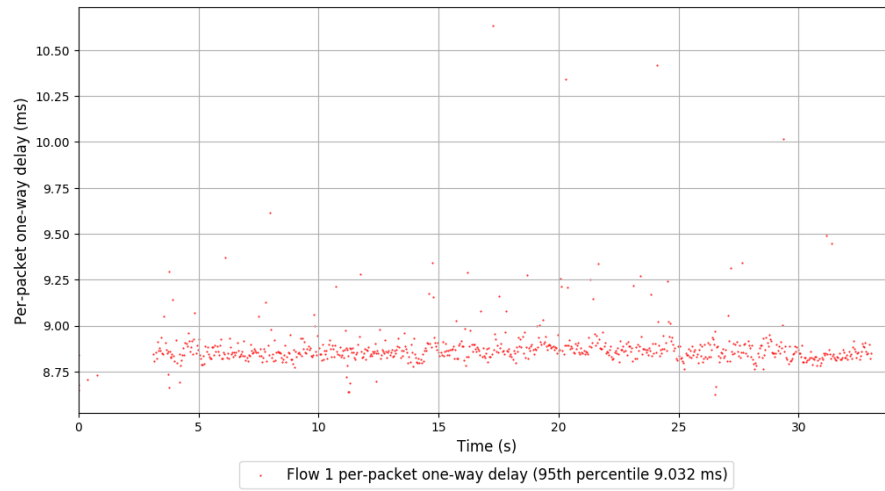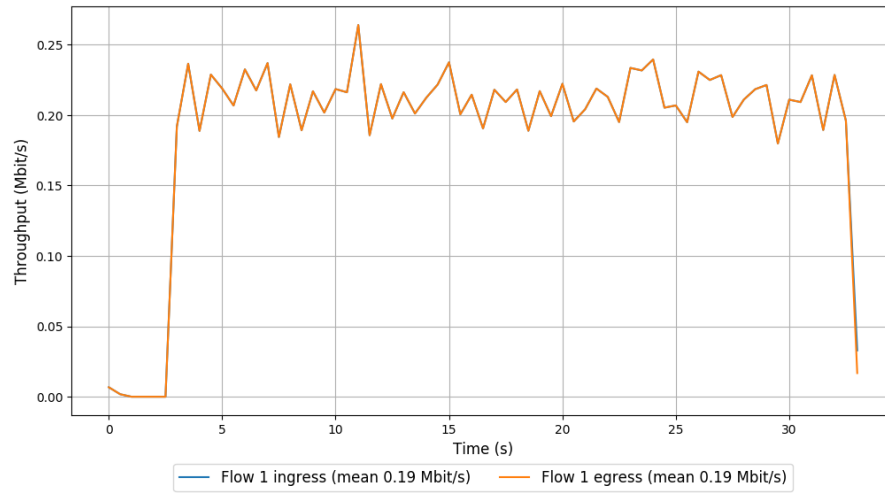
Run 7: Report of SCReAM — Data Link

```
Run 8: Statistics of SCReAM

Start at: Fri, 30 Jun 2017 00:05:08 +0000
End at: Fri, 30 Jun 2017 00:05:38 +0000
Local clock offset: -1.107 ms
Remote clock offset: -21.135 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:59:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 9.421 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 9.421 ms
Loss rate: 0.00%
```
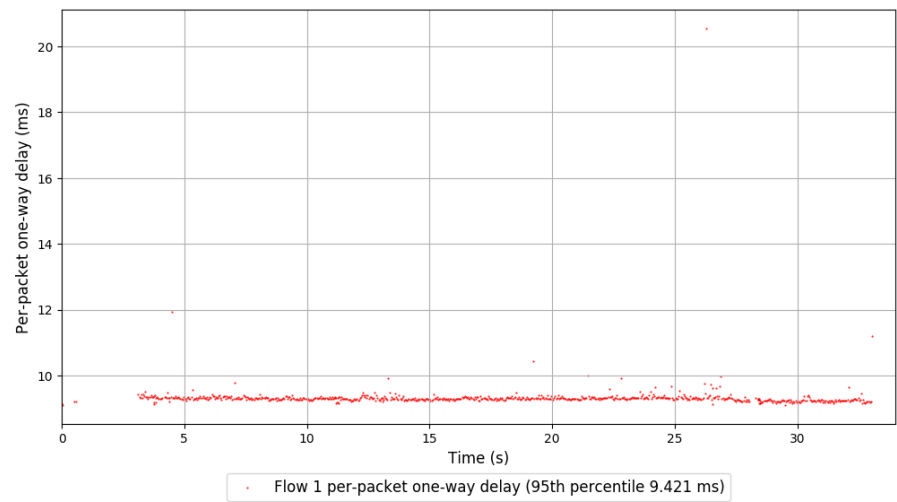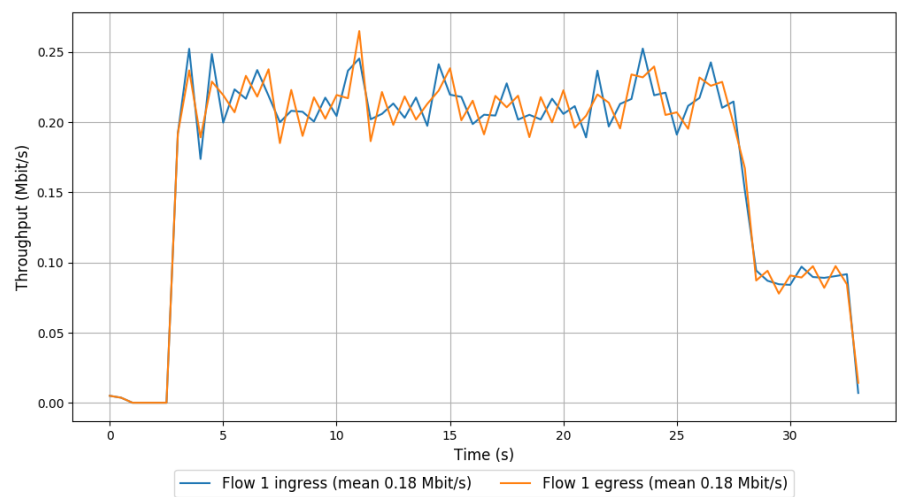
Run 8: Report of SCReAM — Data Link

Flow 1 ingress (mean 0.18 Mbit/s)   Flow 1 egress (mean 0.18 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 9.421 ms)

```
Run 9: Statistics of SCReAM

Start at: Fri, 30 Jun 2017 00:22:33 +0000
End at: Fri, 30 Jun 2017 00:23:03 +0000
Local clock offset: -2.61 ms
Remote clock offset: -21.14 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:59:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 10.740 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 10.740 ms
Loss rate: 0.13%
```
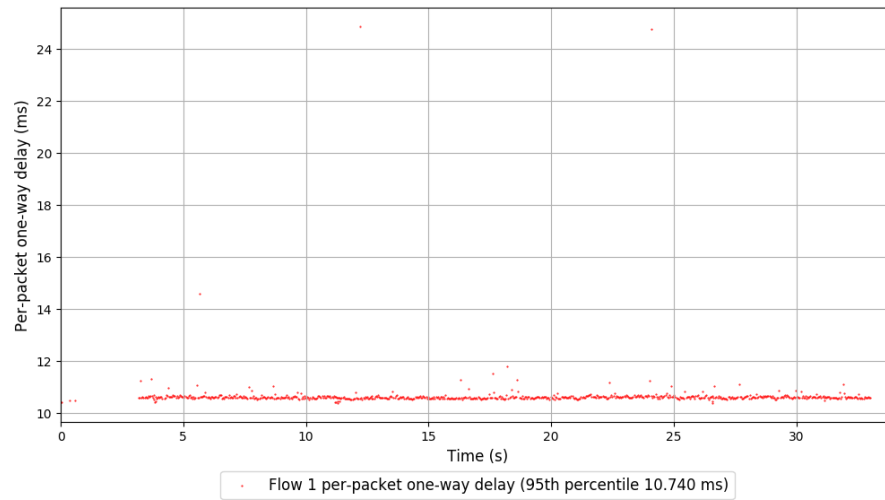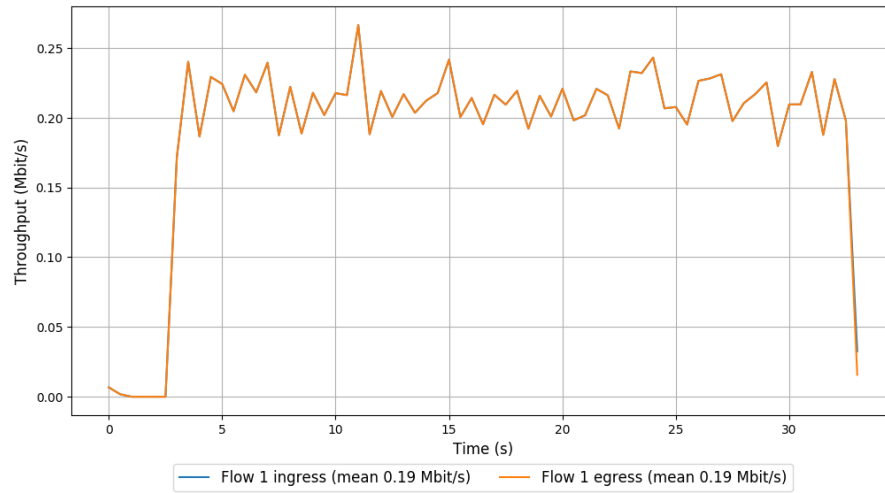
Run 9: Report of SCReAM — Data Link

Flow 1 ingress (mean 0.19 Mbit/s) —— Flow 1 egress (mean 0.19 Mbit/s)

. Flow 1 per-packet one-way delay (95th percentile 10.740 ms)

```
Run 10: Statistics of SCReAM

Start at: Fri, 30 Jun 2017 00:39:59 +0000
End at: Fri, 30 Jun 2017 00:40:29 +0000
Local clock offset: -1.335 ms
Remote clock offset: -18.801 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:59:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 11.749 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 11.749 ms
Loss rate: 0.00%
```
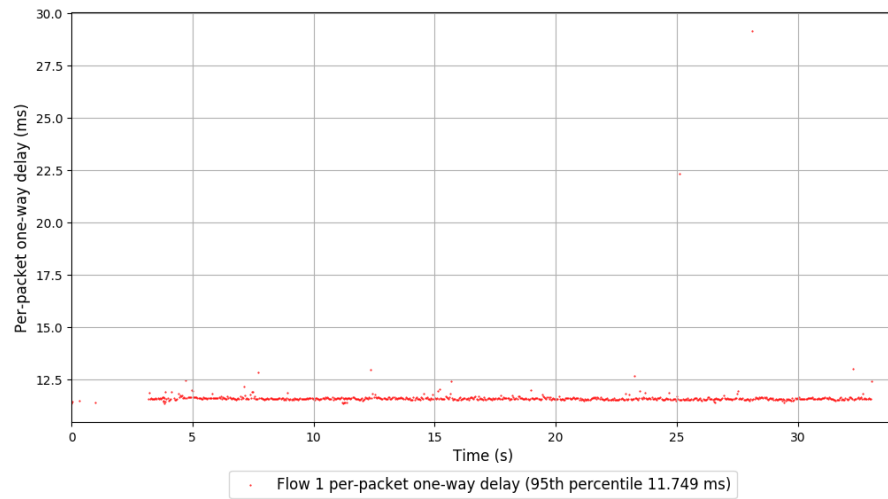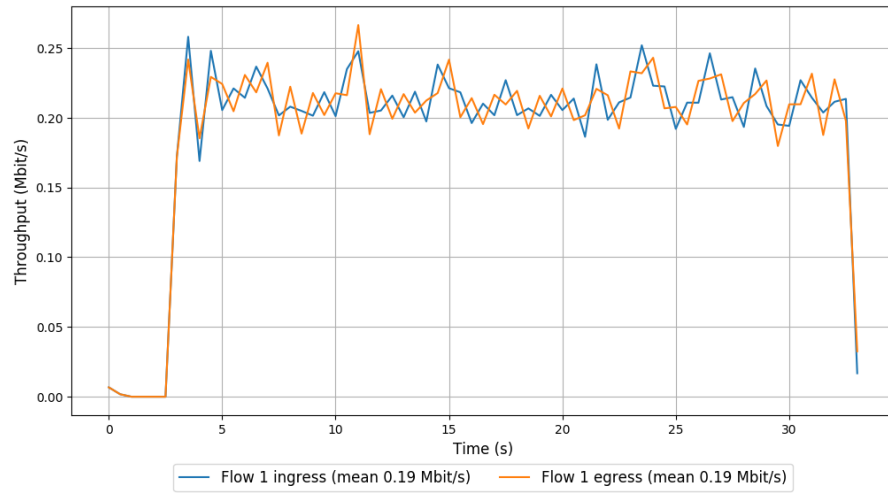
Run 10: Report of SCReAM — Data Link

Flow 1 ingress (mean 0.19 Mbit/s) ——— Flow 1 egress (mean 0.19 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 11.749 ms)

```
Run 1: Statistics of Sprout

Start at: Thu, 29 Jun 2017 22:08:21 +0000
End at: Thu, 29 Jun 2017 22:08:51 +0000
Local clock offset: 2.601 ms
Remote clock offset: -20.181 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:59:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.20 Mbit/s
95th percentile per-packet one-way delay: 17.451 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 22.20 Mbit/s
95th percentile per-packet one-way delay: 17.451 ms
Loss rate: 0.07%
```
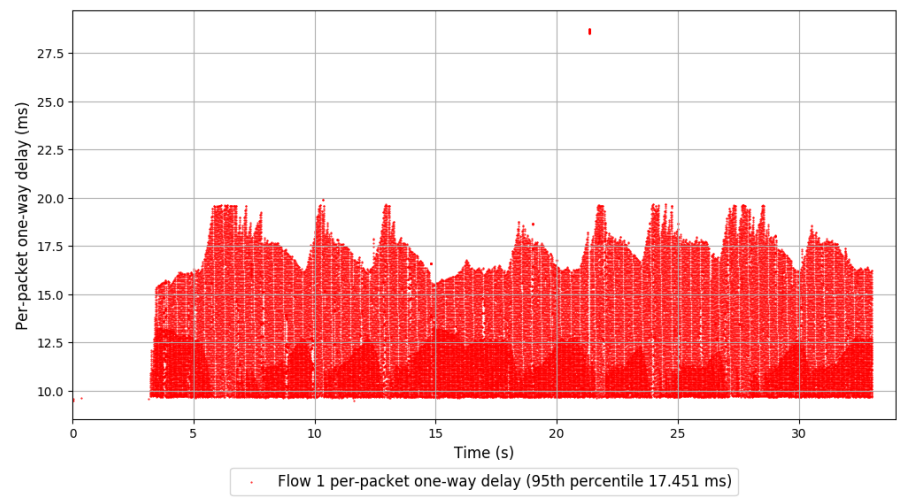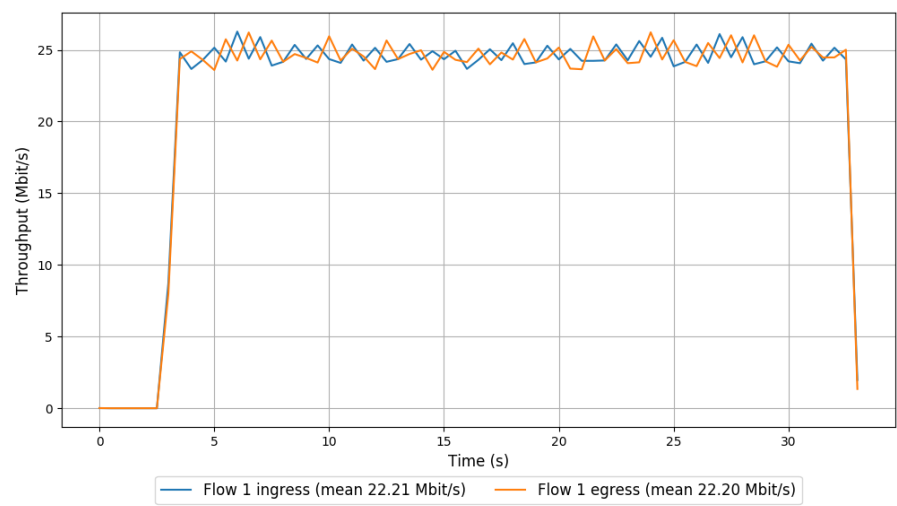
Run 1: Report of Sprout — Data Link

Run 2: Statistics of Sprout

Start at: Thu, 29 Jun 2017 22:25:55 +0000
End at: Thu, 29 Jun 2017 22:26:25 +0000
Local clock offset: 1.394 ms
Remote clock offset: -20.286 ms

Below is generated by plot.py at Fri, 30 Jun 2017 01:59:31 +0000
Datalink statistics
-- Total of 1 flow:
Average throughput: 22.17 Mbit/s
95th percentile per-packet one-way delay: 18.040 ms
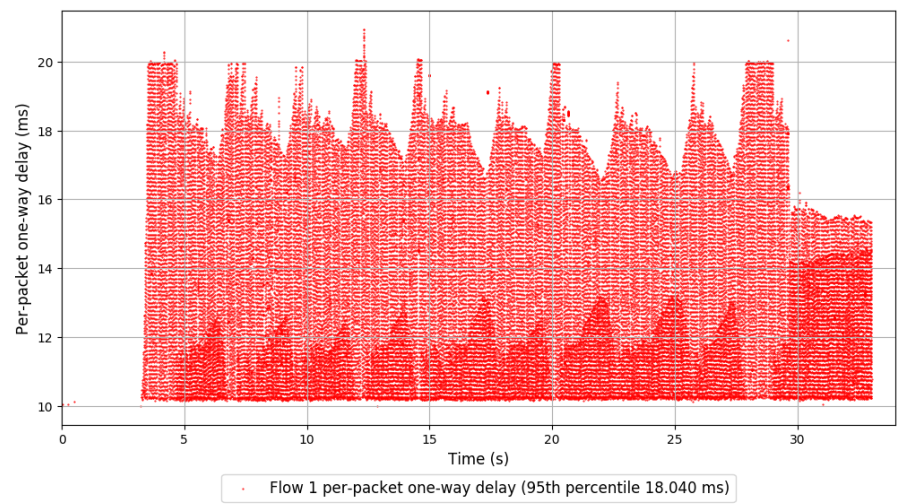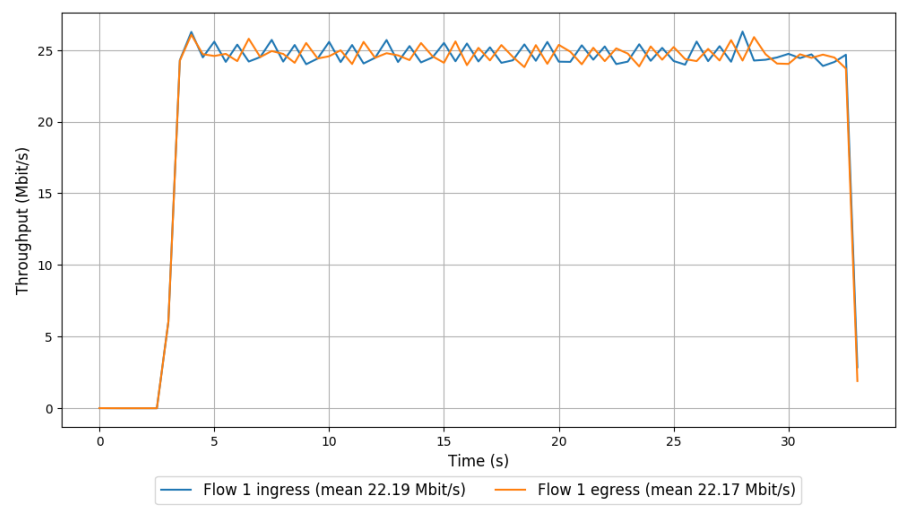Loss rate: 0.13%
-- Flow 1:
Average throughput: 22.17 Mbit/s
95th percentile per-packet one-way delay: 18.040 ms
Loss rate: 0.13%

Run 2: Report of Sprout — Data Link

Flow 1 ingress (mean 22.19 Mbit/s)   Flow 1 egress (mean 22.17 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 18.040 ms)

```
Run 3: Statistics of Sprout

Start at: Thu, 29 Jun 2017 22:43:30 +0000
End at: Thu, 29 Jun 2017 22:44:00 +0000
Local clock offset: 0.088 ms
Remote clock offset: -21.909 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:59:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.24 Mbit/s
95th percentile per-packet one-way delay: 18.353 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 22.24 Mbit/s
95th percentile per-packet one-way delay: 18.353 ms
Loss rate: 0.22%
```
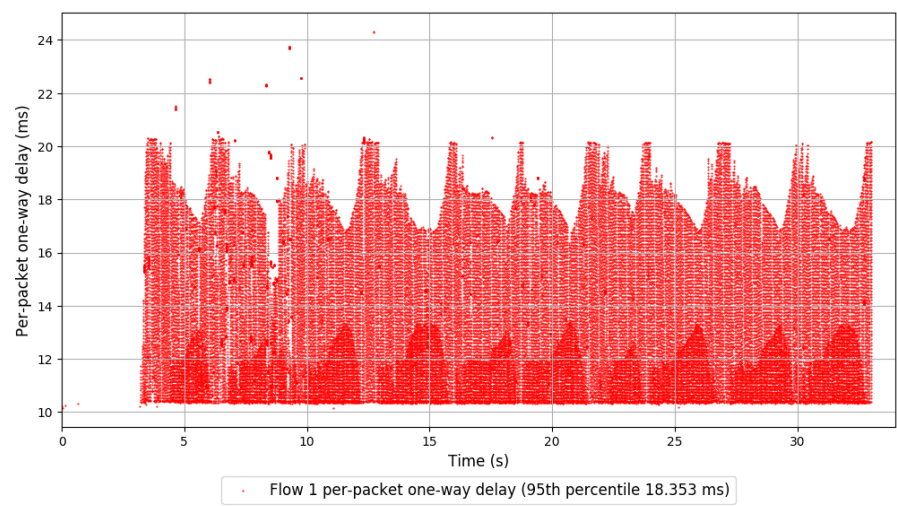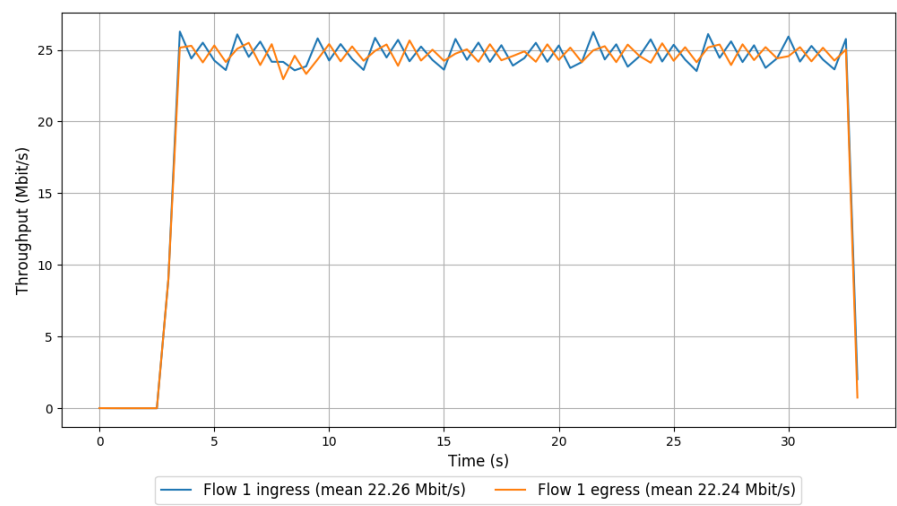
Run 3: Report of Sprout — Data Link

Flow 1 ingress (mean 22.26 Mbit/s)   Flow 1 egress (mean 22.24 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 18.353 ms)

```
Run 4: Statistics of Sprout

Start at: Thu, 29 Jun 2017 23:01:00 +0000
End at: Thu, 29 Jun 2017 23:01:30 +0000
Local clock offset: -1.3 ms
Remote clock offset: -23.171 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:59:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.15 Mbit/s
95th percentile per-packet one-way delay: 16.678 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 22.15 Mbit/s
95th percentile per-packet one-way delay: 16.678 ms
Loss rate: 0.03%
```
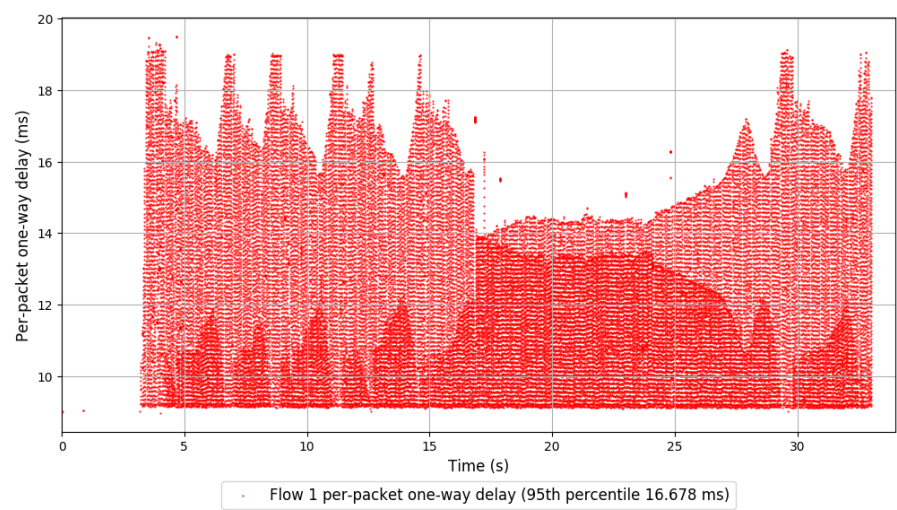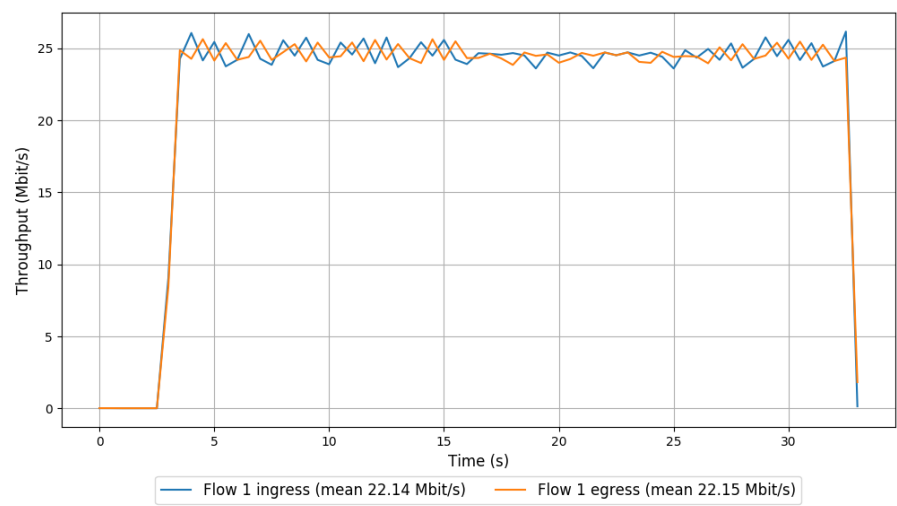
Run 4: Report of Sprout — Data Link

Flow 1 ingress (mean 22.14 Mbit/s)   Flow 1 egress (mean 22.15 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 16.678 ms)

```
Run 5: Statistics of Sprout

Start at: Thu, 29 Jun 2017 23:18:41 +0000
End at: Thu, 29 Jun 2017 23:19:11 +0000
Local clock offset: 1.836 ms
Remote clock offset: -23.426 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:59:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.12 Mbit/s
95th percentile per-packet one-way delay: 15.999 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 22.12 Mbit/s
95th percentile per-packet one-way delay: 15.999 ms
Loss rate: 0.11%
```
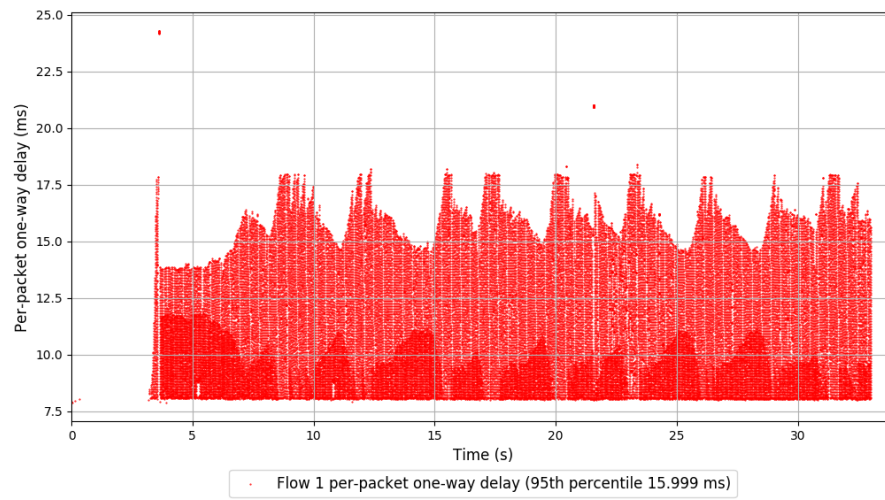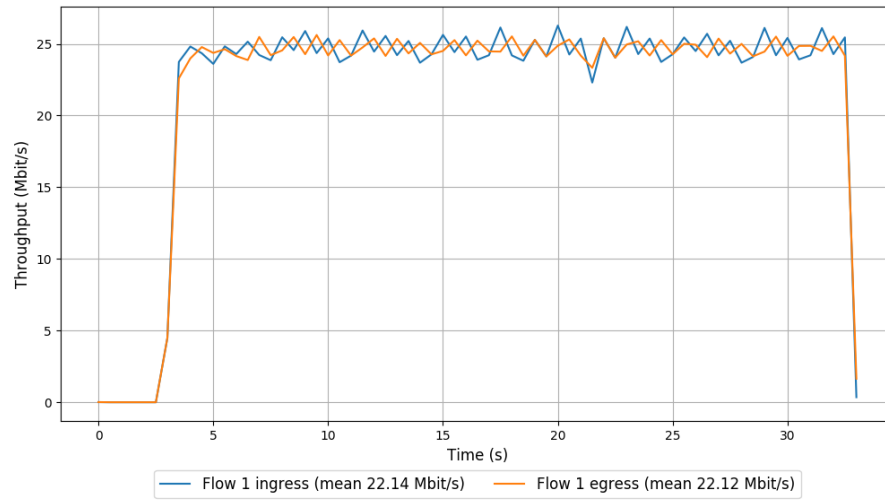
Run 5: Report of Sprout — Data Link

Flow 1 ingress (mean 22.14 Mbit/s) Flow 1 egress (mean 22.12 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 15.999 ms)

```
Run 6: Statistics of Sprout

Start at: Thu, 29 Jun 2017 23:36:02 +0000
End at: Thu, 29 Jun 2017 23:36:32 +0000
Local clock offset: 1.167 ms
Remote clock offset: -21.474 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:59:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.56 Mbit/s
95th percentile per-packet one-way delay: 15.179 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 21.56 Mbit/s
95th percentile per-packet one-way delay: 15.179 ms
Loss rate: 0.14%
```
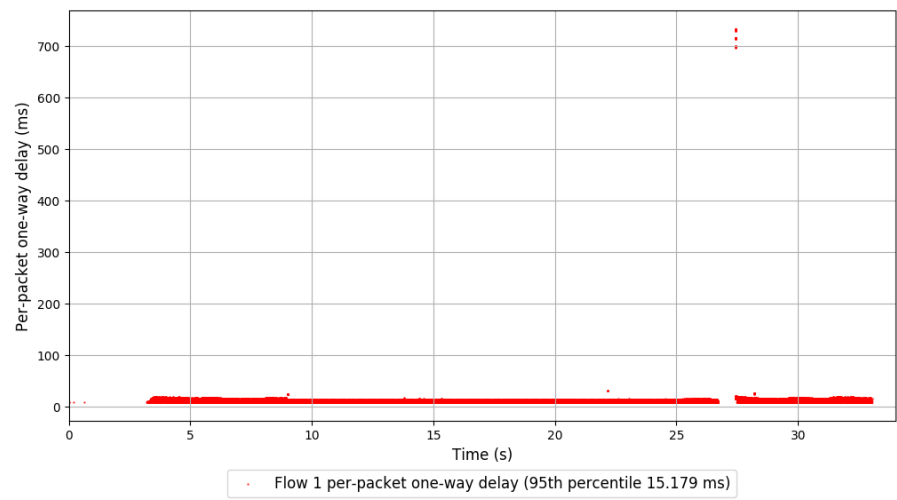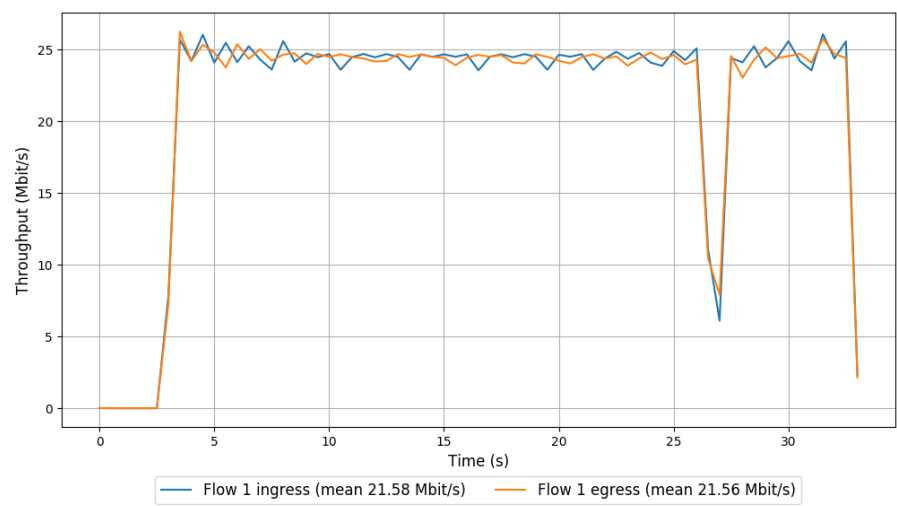
Run 6: Report of Sprout — Data Link

Flow 1 ingress (mean 21.58 Mbit/s) —— Flow 1 egress (mean 21.56 Mbit/s)

· Flow 1 per-packet one-way delay (95th percentile 15.179 ms)

```
Run 7: Statistics of Sprout

Start at: Thu, 29 Jun 2017 23:53:26 +0000
End at: Thu, 29 Jun 2017 23:53:56 +0000
Local clock offset: -1.591 ms
Remote clock offset: -20.94 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:59:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.16 Mbit/s
95th percentile per-packet one-way delay: 17.004 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 22.16 Mbit/s
95th percentile per-packet one-way delay: 17.004 ms
Loss rate: 0.17%
```
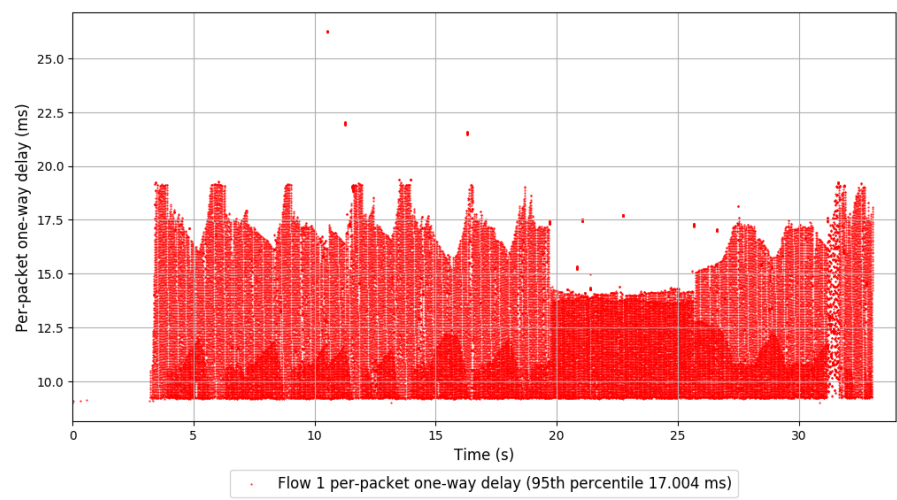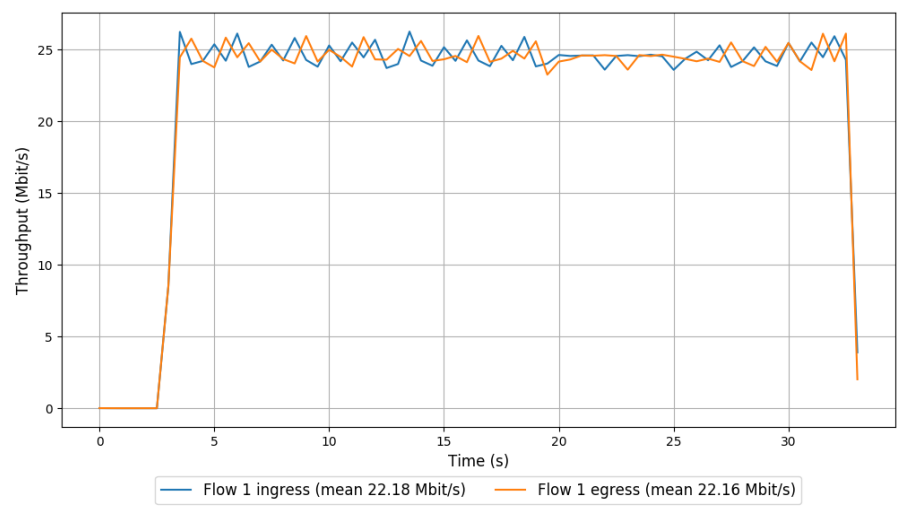
Run 7: Report of Sprout — Data Link

Flow 1 ingress (mean 22.18 Mbit/s)   Flow 1 egress (mean 22.16 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 17.004 ms)

```
Run 8: Statistics of Sprout

Start at: Fri, 30 Jun 2017 00:10:52 +0000
End at: Fri, 30 Jun 2017 00:11:22 +0000
Local clock offset: -1.462 ms
Remote clock offset: -20.922 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:59:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.16 Mbit/s
95th percentile per-packet one-way delay: 17.494 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 22.16 Mbit/s
95th percentile per-packet one-way delay: 17.494 ms
Loss rate: 0.15%
```
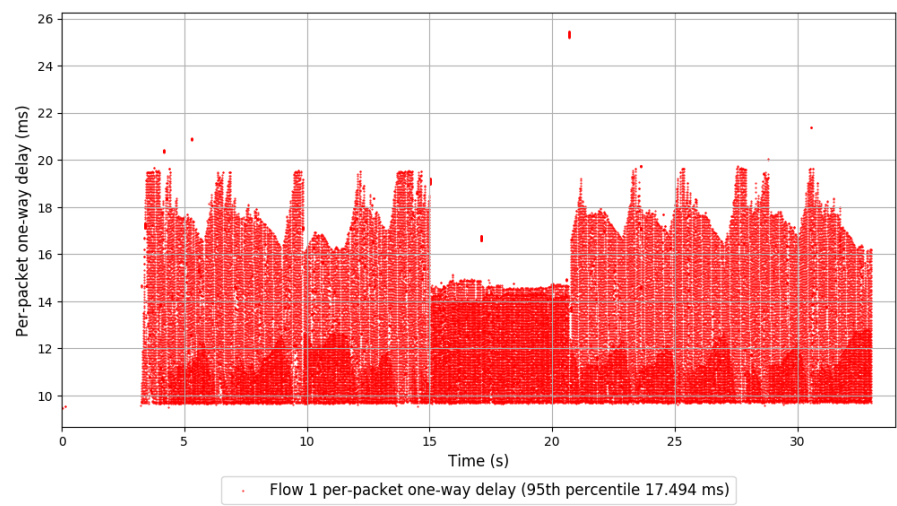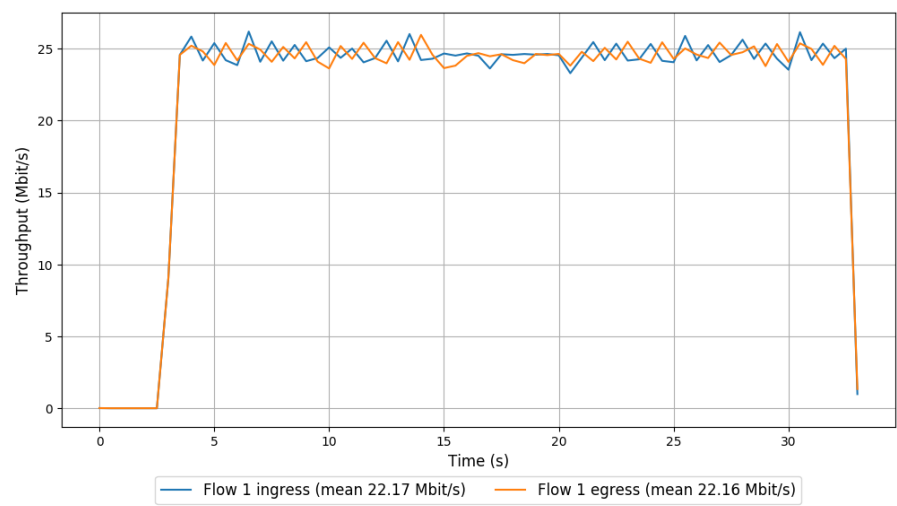
Run 8: Report of Sprout — Data Link

```
Run 9: Statistics of Sprout

Start at: Fri, 30 Jun 2017 00:28:16 +0000
End at: Fri, 30 Jun 2017 00:28:46 +0000
Local clock offset: -2.434 ms
Remote clock offset: -20.535 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:59:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.12 Mbit/s
95th percentile per-packet one-way delay: 18.867 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 22.12 Mbit/s
95th percentile per-packet one-way delay: 18.867 ms
Loss rate: 0.14%
```
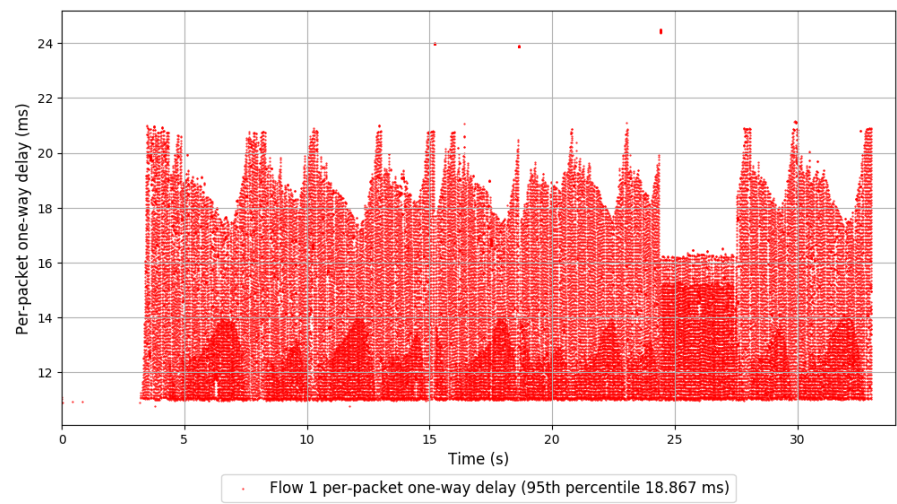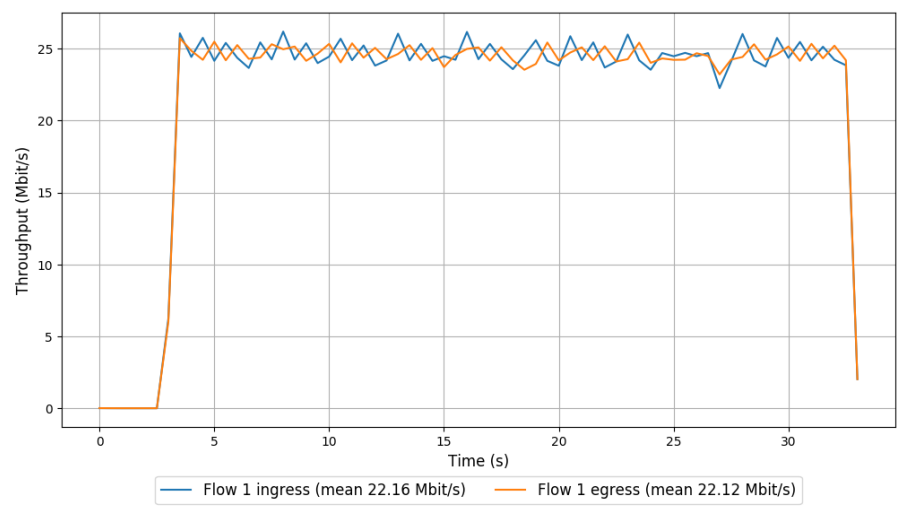
Run 9: Report of Sprout — Data Link

Flow 1 ingress (mean 22.16 Mbit/s) — Flow 1 egress (mean 22.12 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 18.867 ms)

```
Run 10: Statistics of Sprout

Start at: Fri, 30 Jun 2017 00:45:46 +0000
End at: Fri, 30 Jun 2017 00:46:16 +0000
Local clock offset: -1.55 ms
Remote clock offset: -18.367 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 01:59:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.02 Mbit/s
95th percentile per-packet one-way delay: 17.116 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 22.02 Mbit/s
95th percentile per-packet one-way delay: 17.116 ms
Loss rate: 0.10%
```
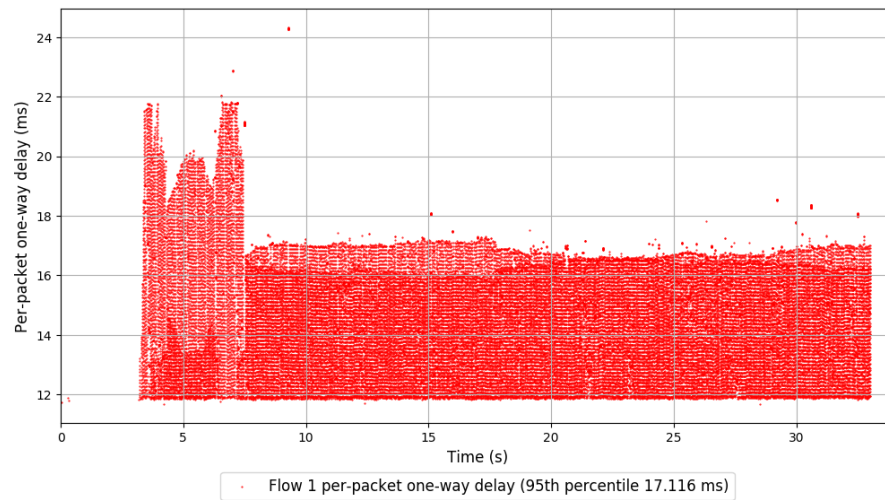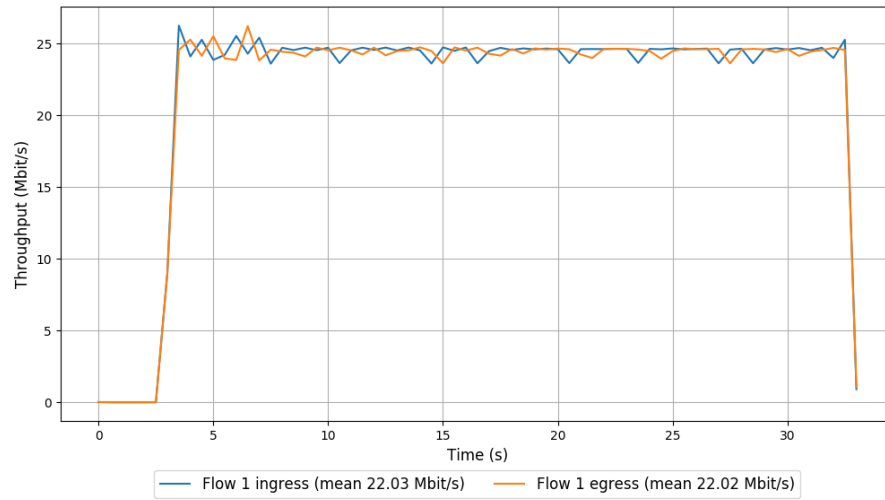
Run 10: Report of Sprout — Data Link

Flow 1 ingress (mean 22.03 Mbit/s)   Flow 1 egress (mean 22.02 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 17.116 ms)

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

Start at: Thu, 29 Jun 2017 21:56:28 +0000
End at: Thu, 29 Jun 2017 21:56:58 +0000
Local clock offset: -0.501 ms
Remote clock offset: -19.844 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:00:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.49 Mbit/s
95th percentile per-packet one-way delay: 12.245 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 84.49 Mbit/s
95th percentile per-packet one-way delay: 12.245 ms
Loss rate: 0.20%
```
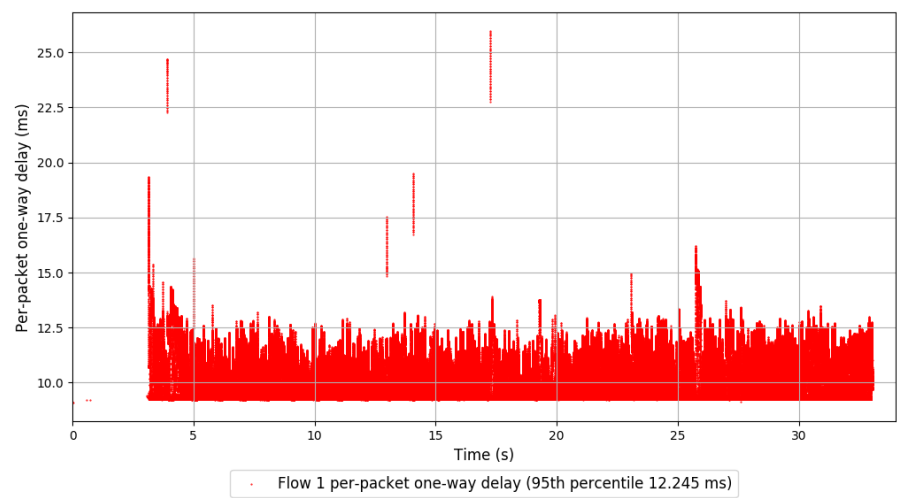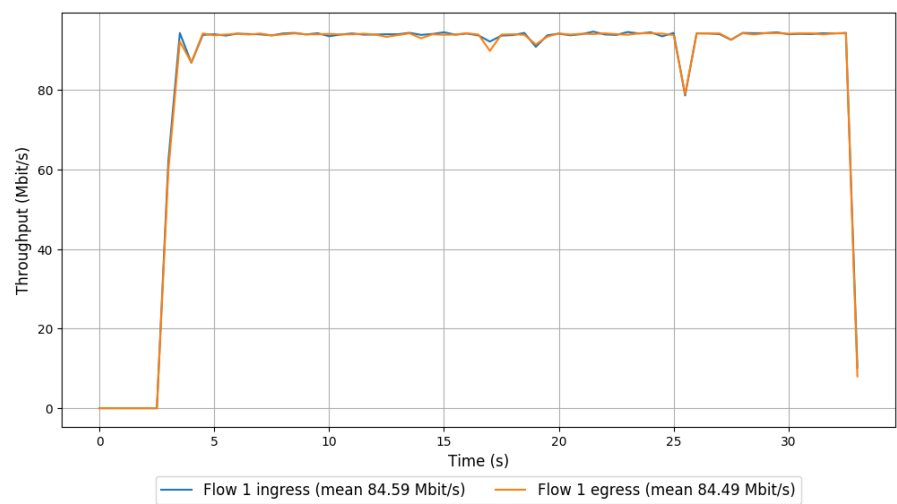
Run 1: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 84.59 Mbit/s)   Flow 1 egress (mean 84.49 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 12.245 ms)

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

Start at: Thu, 29 Jun 2017 22:14:12 +0000
End at: Thu, 29 Jun 2017 22:14:42 +0000
Local clock offset: -0.174 ms
Remote clock offset: -20.79 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:00:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.94 Mbit/s
95th percentile per-packet one-way delay: 12.686 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 84.94 Mbit/s
95th percentile per-packet one-way delay: 12.686 ms
Loss rate: 0.14%
```
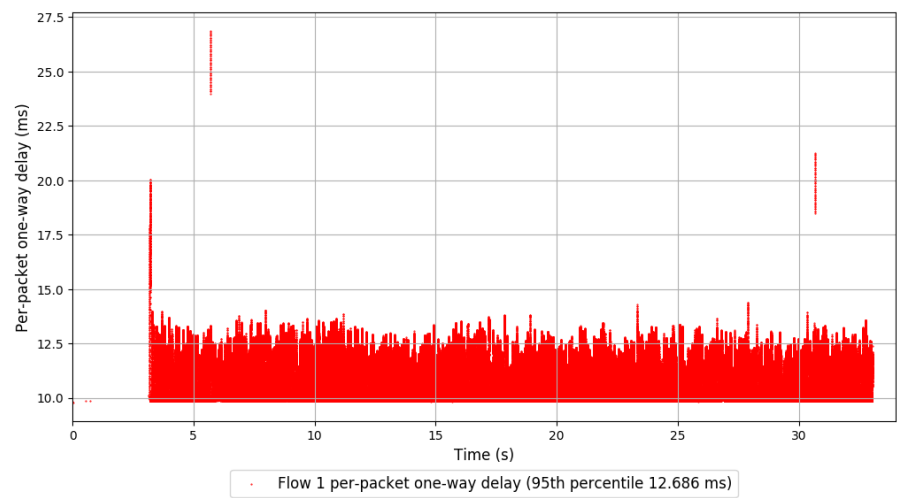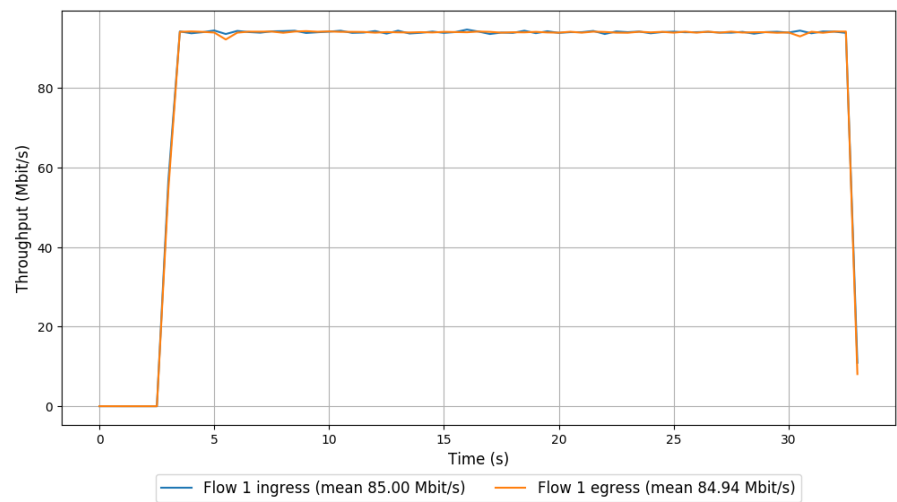
Run 2: Report of TaoVA-100x — Data Link

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

Start at: Thu, 29 Jun 2017 22:31:42 +0000
End at: Thu, 29 Jun 2017 22:32:12 +0000
Local clock offset: 1.332 ms
Remote clock offset: -20.016 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:00:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.80 Mbit/s
95th percentile per-packet one-way delay: 13.836 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 84.80 Mbit/s
95th percentile per-packet one-way delay: 13.836 ms
Loss rate: 0.19%
```
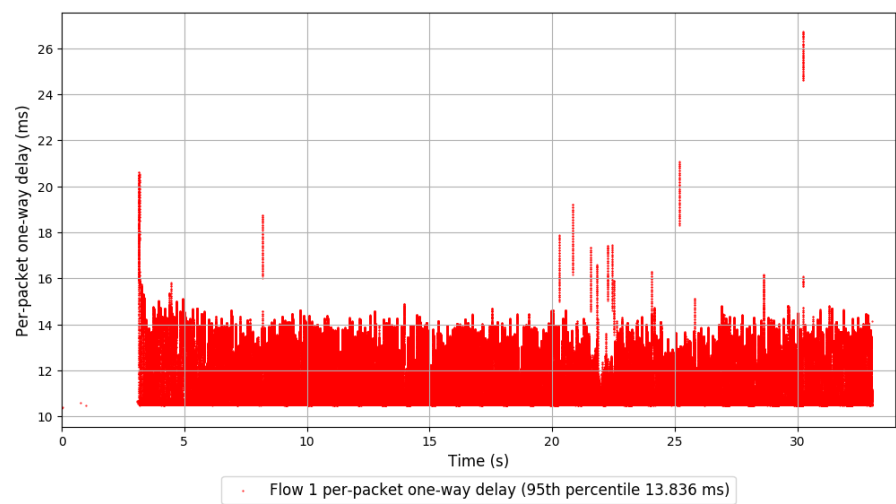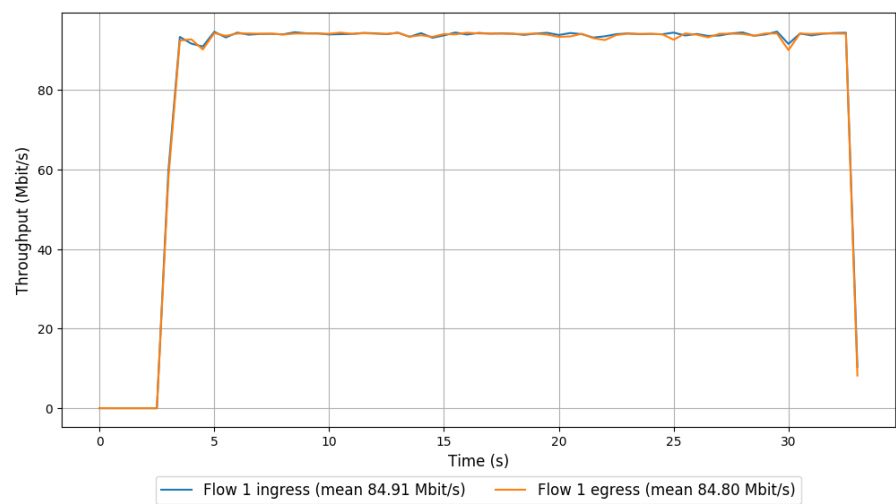
Run 3: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 84.91 Mbit/s)   Flow 1 egress (mean 84.80 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 13.836 ms)

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

Start at: Thu, 29 Jun 2017 22:49:20 +0000
End at: Thu, 29 Jun 2017 22:49:50 +0000
Local clock offset: -2.098 ms
Remote clock offset: -22.774 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:00:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.89 Mbit/s
95th percentile per-packet one-way delay: 13.030 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 84.89 Mbit/s
95th percentile per-packet one-way delay: 13.030 ms
Loss rate: 0.27%
```
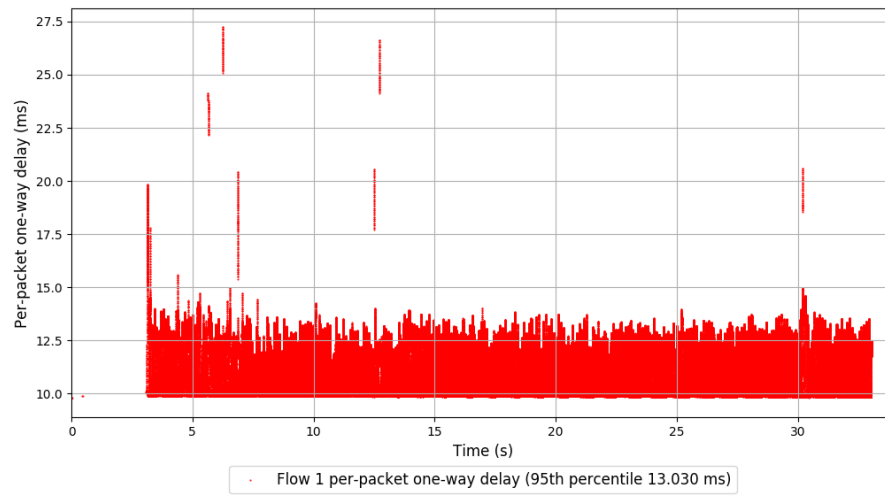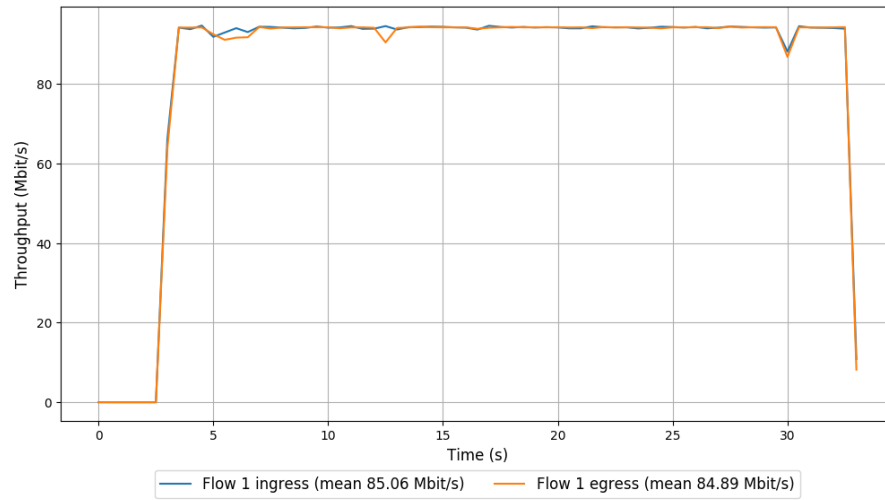
Run 4: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 85.06 Mbit/s)   Flow 1 egress (mean 84.89 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 13.030 ms)

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

Start at: Thu, 29 Jun 2017 23:06:48 +0000
End at: Thu, 29 Jun 2017 23:07:18 +0000
Local clock offset: 0.981 ms
Remote clock offset: -22.117 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:00:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.75 Mbit/s
95th percentile per-packet one-way delay: 11.665 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 81.75 Mbit/s
95th percentile per-packet one-way delay: 11.665 ms
Loss rate: 0.21%
```
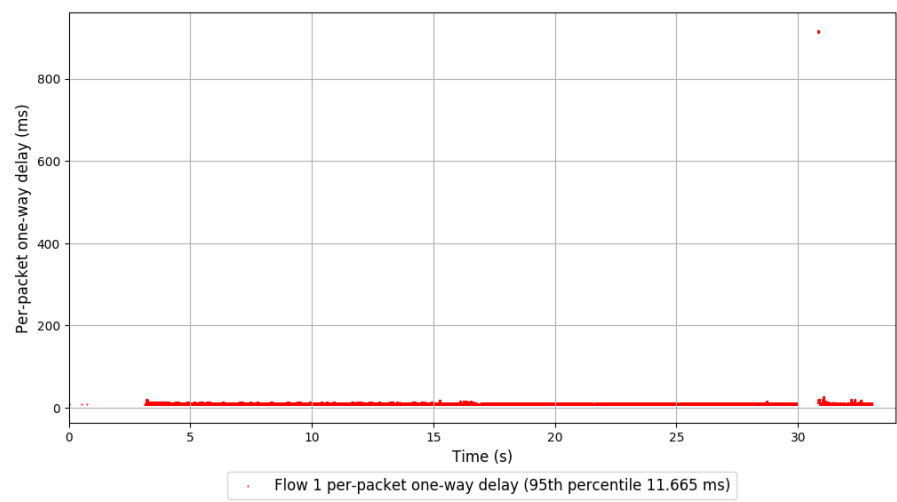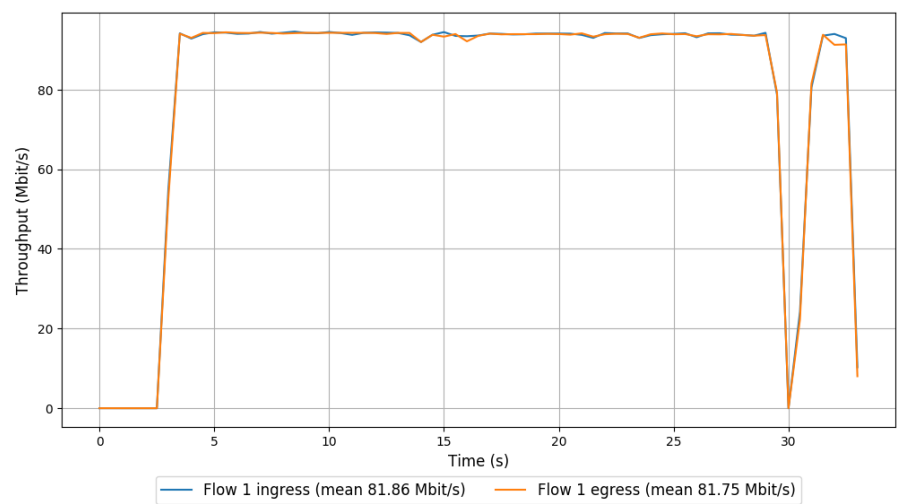
Run 5: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 81.86 Mbit/s)   Flow 1 egress (mean 81.75 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 11.665 ms)

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

Start at: Thu, 29 Jun 2017 23:24:26 +0000
End at: Thu, 29 Jun 2017 23:24:56 +0000
Local clock offset: -1.36 ms
Remote clock offset: -23.622 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:00:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.58 Mbit/s
95th percentile per-packet one-way delay: 10.837 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 81.58 Mbit/s
95th percentile per-packet one-way delay: 10.837 ms
Loss rate: 0.14%
```
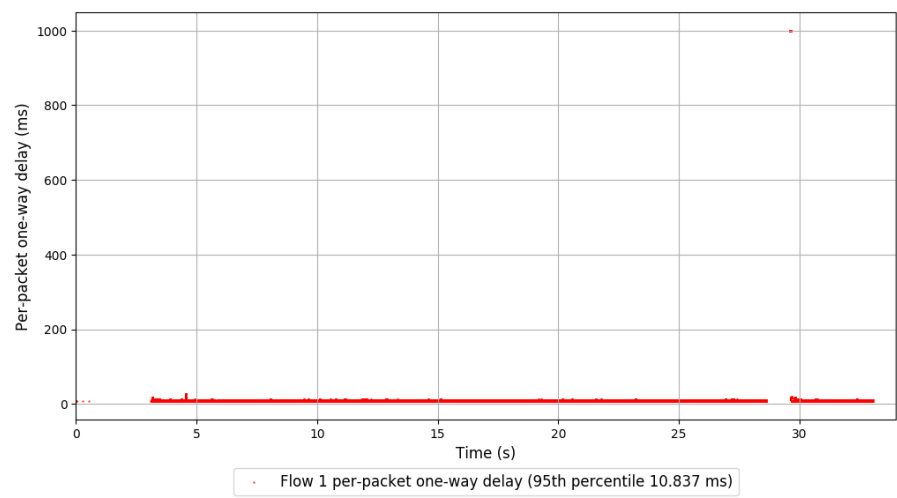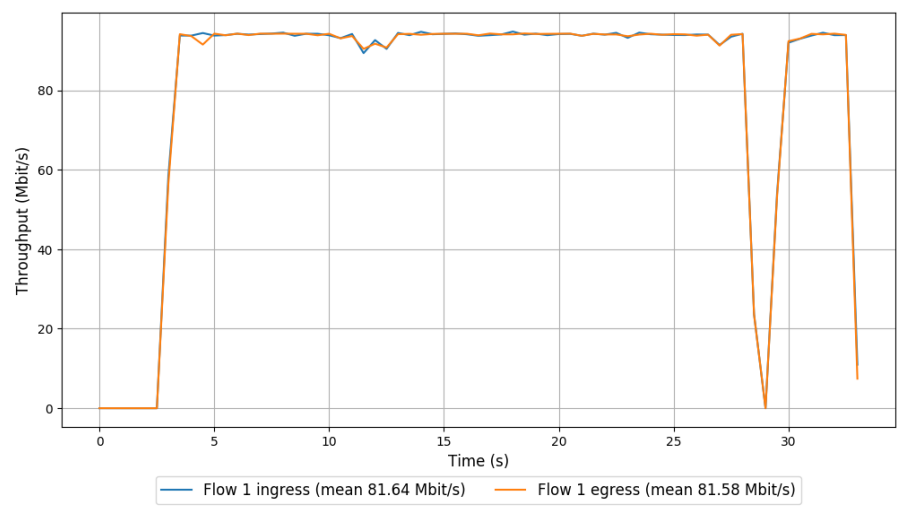
Run 6: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 81.64 Mbit/s) — Flow 1 egress (mean 81.58 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 10.837 ms)

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

Start at: Thu, 29 Jun 2017 23:41:49 +0000
End at: Thu, 29 Jun 2017 23:42:19 +0000
Local clock offset: -1.159 ms
Remote clock offset: -22.767 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:01:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.72 Mbit/s
95th percentile per-packet one-way delay: 11.232 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 81.72 Mbit/s
95th percentile per-packet one-way delay: 11.232 ms
Loss rate: 0.15%
```
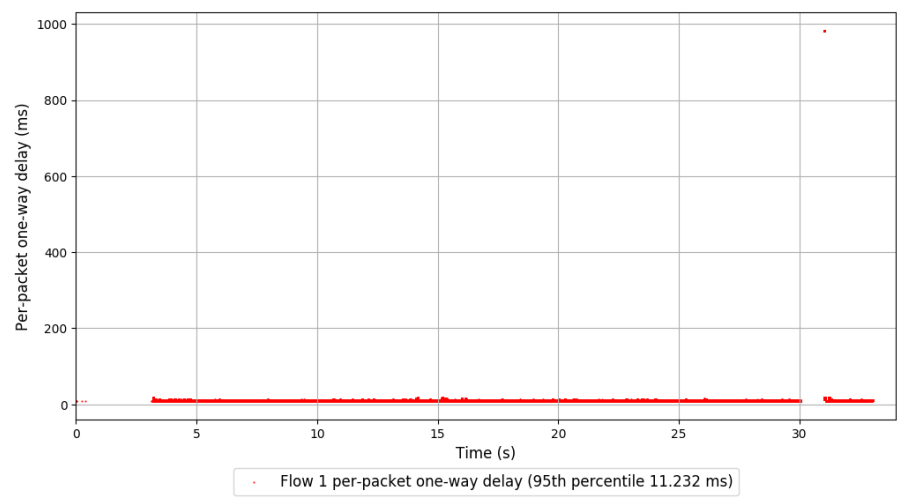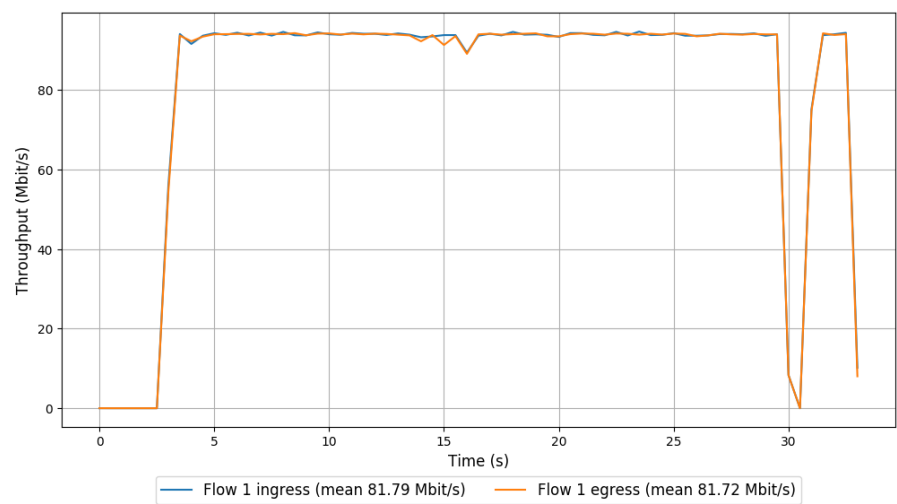
Run 7: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 81.79 Mbit/s) — Flow 1 egress (mean 81.72 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 11.232 ms)

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

Start at: Thu, 29 Jun 2017 23:59:11 +0000
End at: Thu, 29 Jun 2017 23:59:41 +0000
Local clock offset: -1.77 ms
Remote clock offset: -22.07 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:01:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.73 Mbit/s
95th percentile per-packet one-way delay: 12.025 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 84.73 Mbit/s
95th percentile per-packet one-way delay: 12.025 ms
Loss rate: 0.13%
```
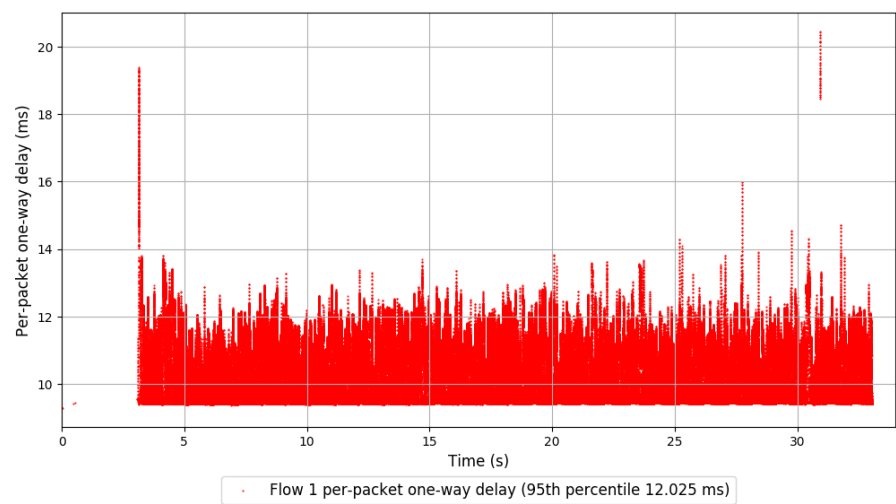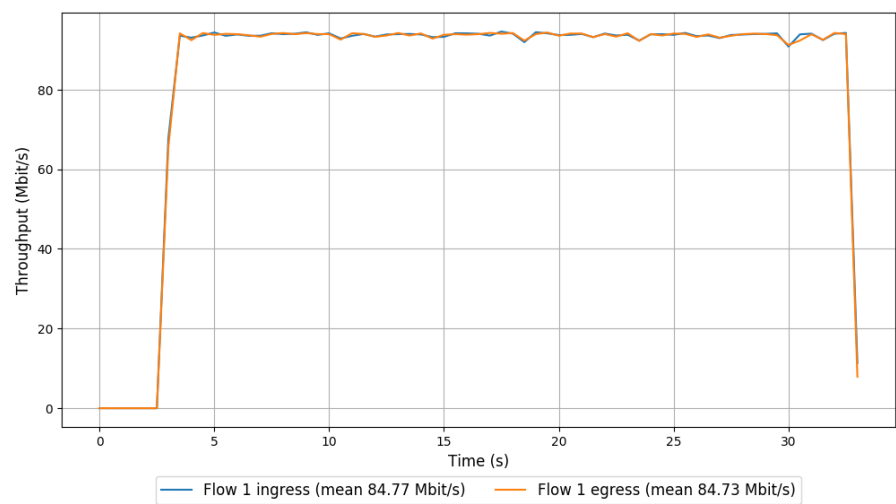
Run 8: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 84.77 Mbit/s) —— Flow 1 egress (mean 84.73 Mbit/s)

· Flow 1 per-packet one-way delay (95th percentile 12.025 ms)

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

Start at: Fri, 30 Jun 2017 00:16:37 +0000
End at: Fri, 30 Jun 2017 00:17:07 +0000
Local clock offset: -0.767 ms
Remote clock offset: -21.053 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 02:01:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.17 Mbit/s
95th percentile per-packet one-way delay: 13.316 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 84.17 Mbit/s
95th percentile per-packet one-way delay: 13.316 ms
Loss rate: 0.57%
```
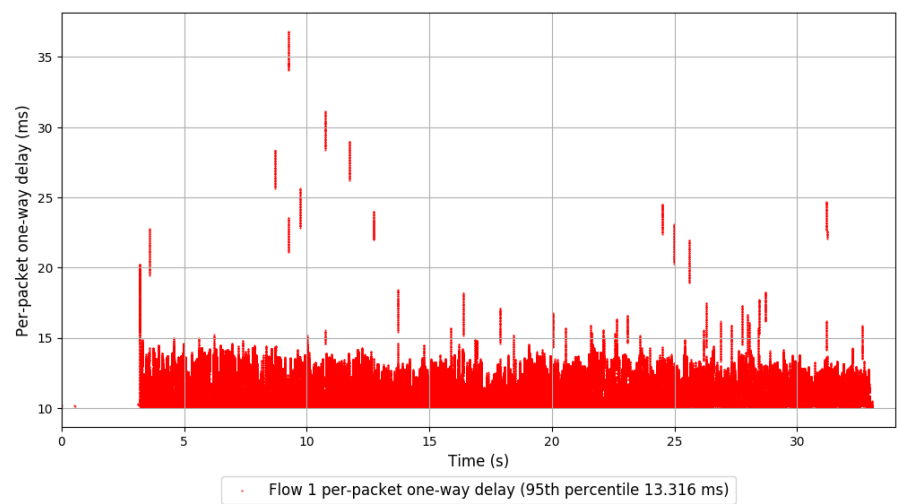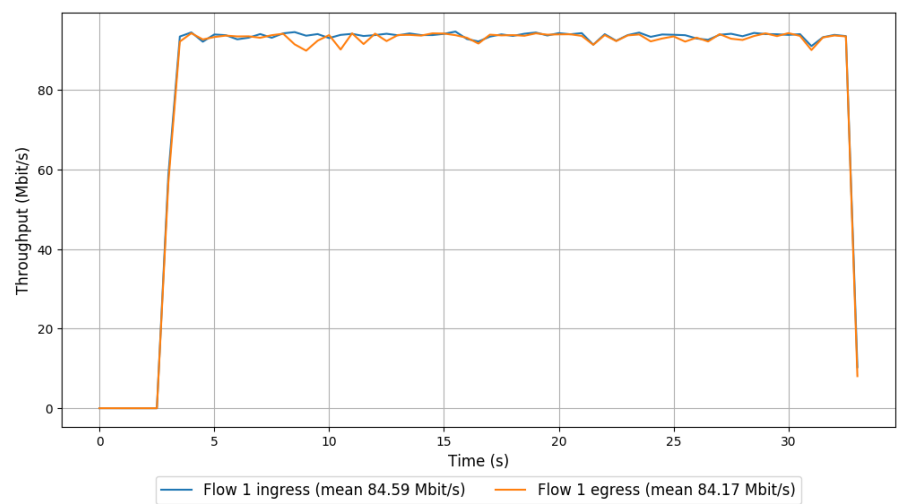
Run 9: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 84.59 Mbit/s)   Flow 1 egress (mean 84.17 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 13.316 ms)

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

Start at: Fri, 30 Jun 2017 00:33:59 +0000
End at: Fri, 30 Jun 2017 00:34:29 +0000
Local clock offset: -3.429 ms
Remote clock offset: -20.225 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:01:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.45 Mbit/s
95th percentile per-packet one-way delay: 14.668 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 81.45 Mbit/s
95th percentile per-packet one-way delay: 14.668 ms
Loss rate: 0.33%
```
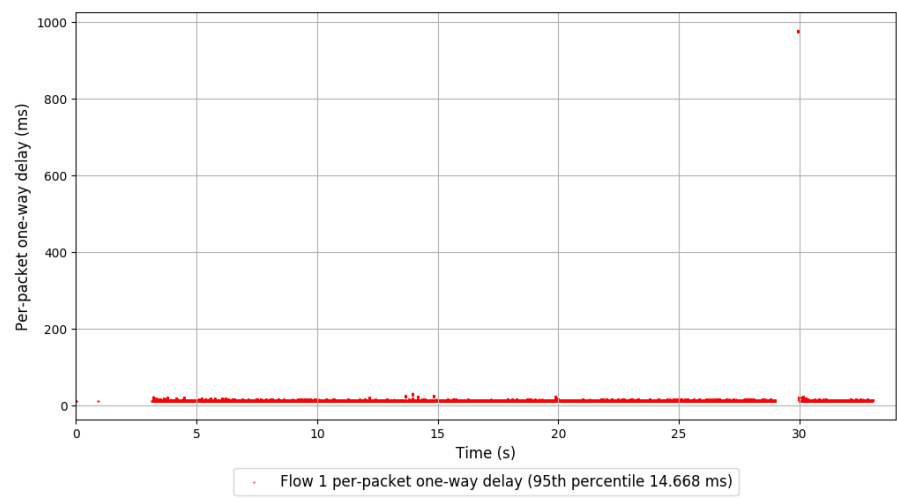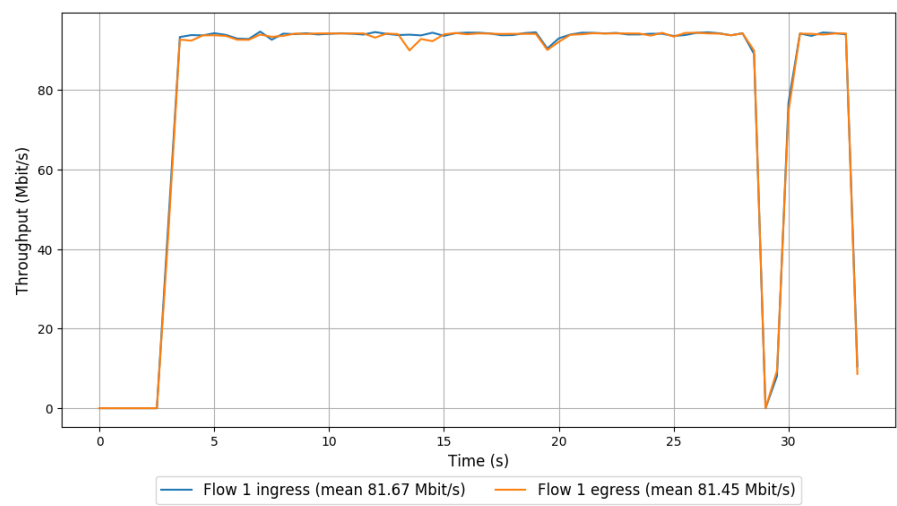
Run 10: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 81.67 Mbit/s) —— Flow 1 egress (mean 81.45 Mbit/s)

· Flow 1 per-packet one-way delay (95th percentile 14.668 ms)

```
Run 1: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 22:04:50 +0000
End at: Thu, 29 Jun 2017 22:05:20 +0000
Local clock offset: -0.089 ms
Remote clock offset: -20.839 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:01:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.59 Mbit/s
95th percentile per-packet one-way delay: 21.570 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 78.59 Mbit/s
95th percentile per-packet one-way delay: 21.570 ms
Loss rate: 0.21%
```
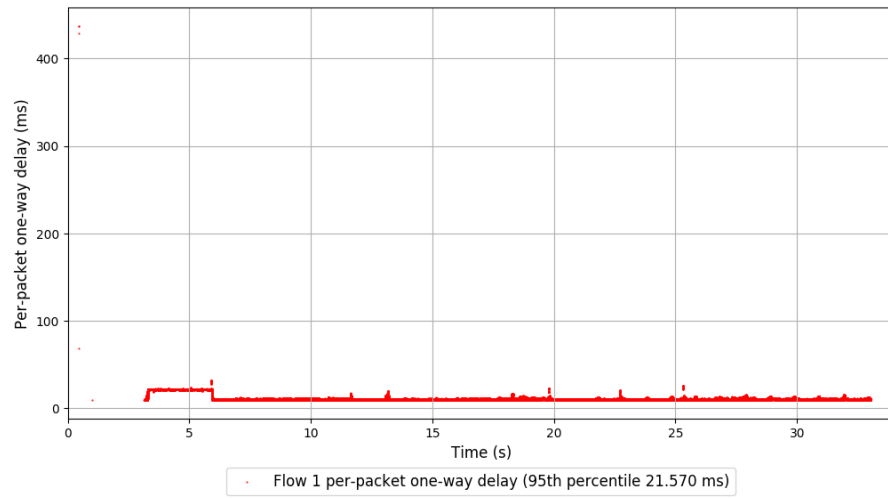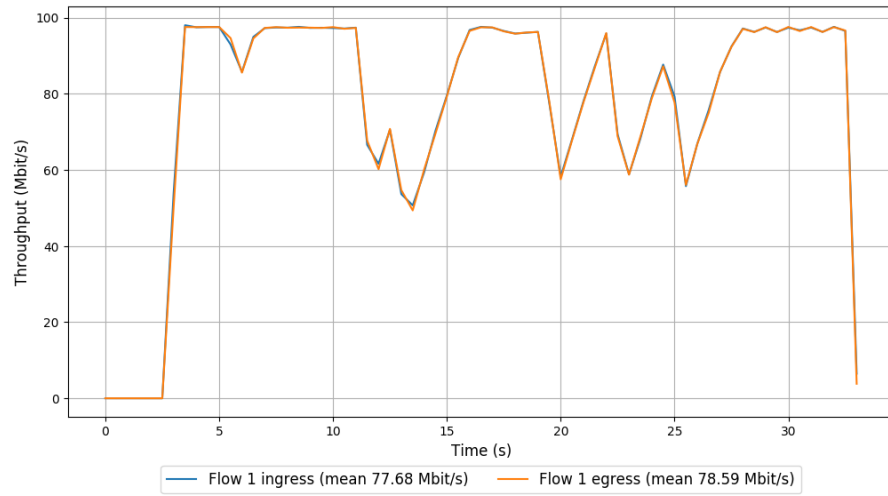
Run 1: Report of TCP Vegas — Data Link

```
Run 2: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 22:22:26 +0000
End at: Thu, 29 Jun 2017 22:22:56 +0000
Local clock offset: -1.237 ms
Remote clock offset: -20.469 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:01:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.98 Mbit/s
95th percentile per-packet one-way delay: 16.613 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 70.98 Mbit/s
95th percentile per-packet one-way delay: 16.613 ms
Loss rate: 0.34%
```
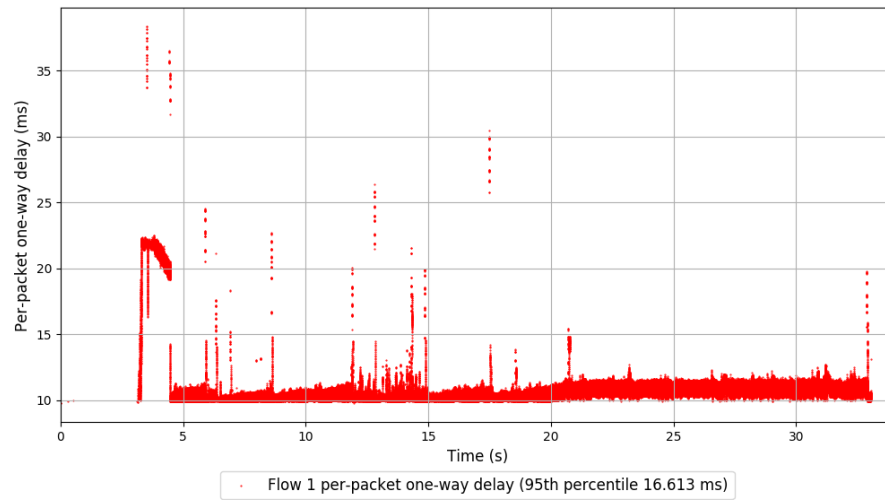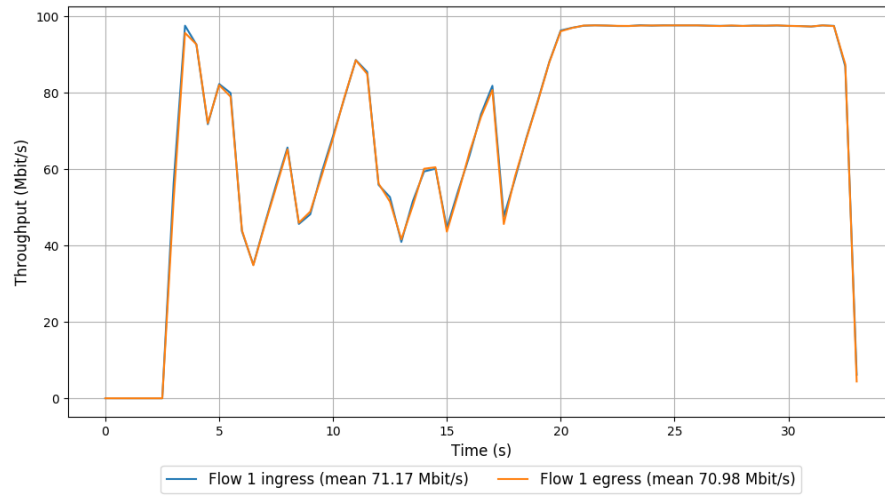
Run 2: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 71.17 Mbit/s)   Flow 1 egress (mean 70.98 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 16.613 ms)

```
Run 3: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 22:40:02 +0000
End at: Thu, 29 Jun 2017 22:40:32 +0000
Local clock offset: 1.295 ms
Remote clock offset: -20.747 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:02:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.21 Mbit/s
95th percentile per-packet one-way delay: 21.471 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 72.21 Mbit/s
95th percentile per-packet one-way delay: 21.471 ms
Loss rate: 0.18%
```
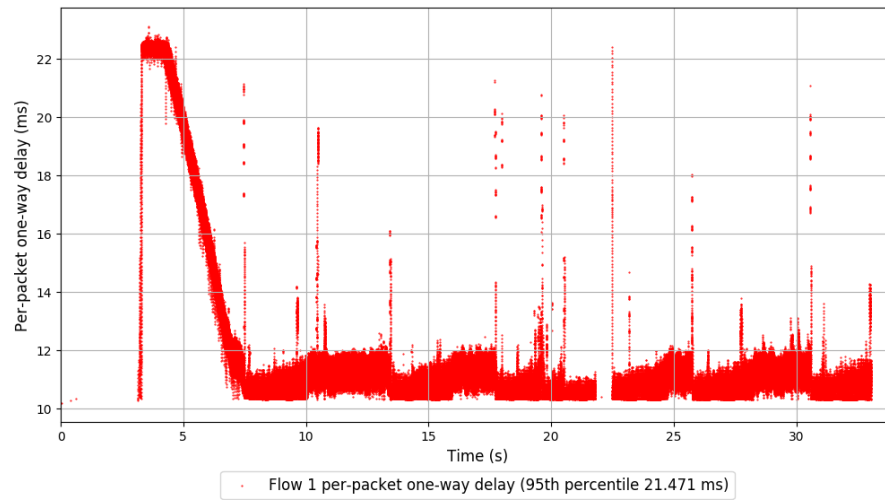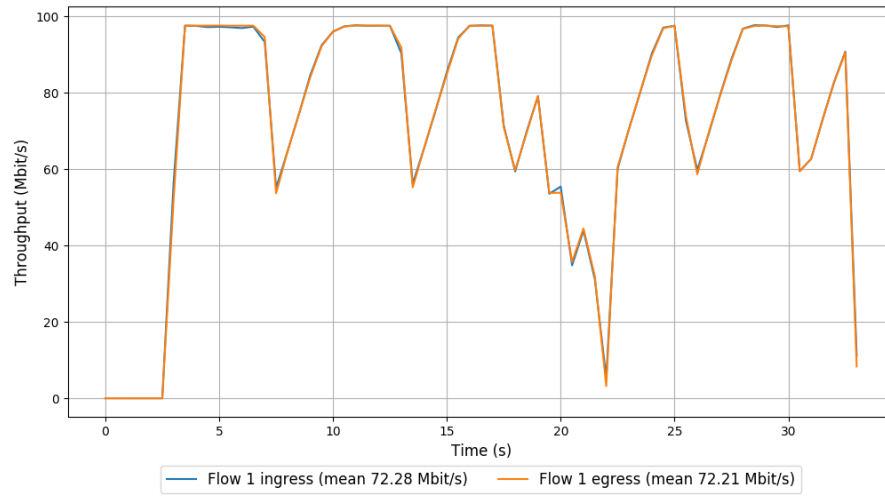
Run 3: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 72.28 Mbit/s)   Flow 1 egress (mean 72.21 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 21.471 ms)

```
Run 4: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 22:57:35 +0000
End at: Thu, 29 Jun 2017 22:58:05 +0000
Local clock offset: -0.419 ms
Remote clock offset: -21.545 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:02:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.24 Mbit/s
95th percentile per-packet one-way delay: 21.391 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 75.24 Mbit/s
95th percentile per-packet one-way delay: 21.391 ms
Loss rate: 0.24%
```
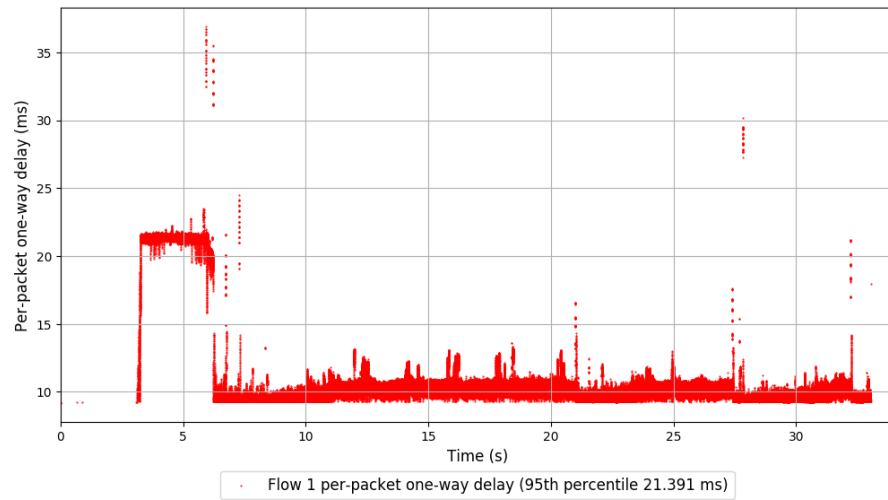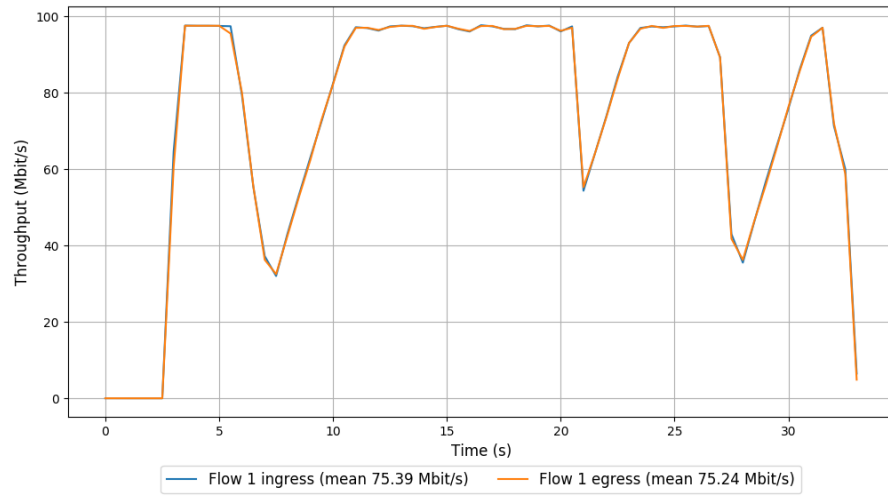
Run 4: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 75.39 Mbit/s) — Flow 1 egress (mean 75.24 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 21.391 ms)
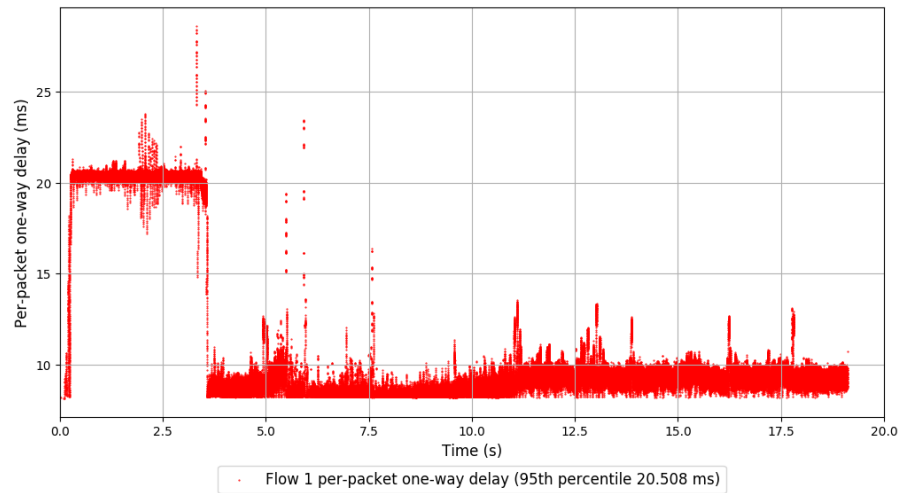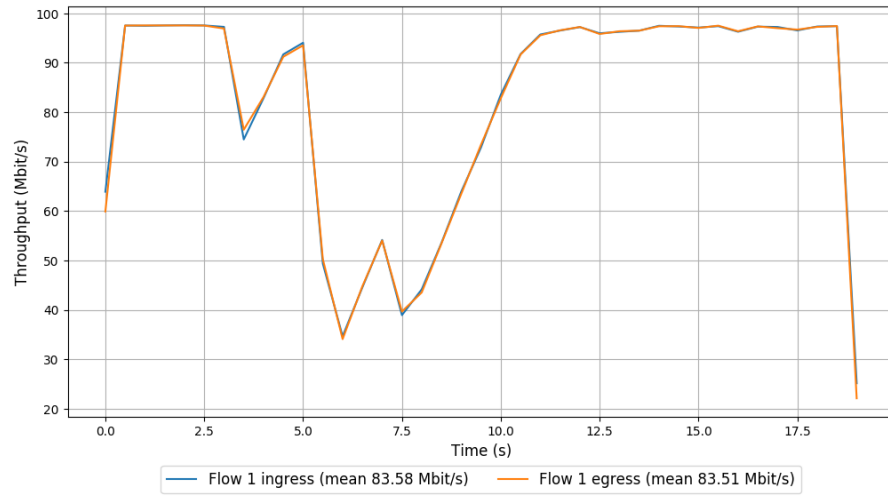
Run 5: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 23:15:15 +0000
End at: Thu, 29 Jun 2017 23:15:45 +0000
Local clock offset: 1.958 ms
Remote clock offset: -23.592 ms

Run 5: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 83.58 Mbit/s) —— Flow 1 egress (mean 83.51 Mbit/s)

· Flow 1 per-packet one-way delay (95th percentile 20.508 ms)

Run 6: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 23:32:43 +0000
End at: Thu, 29 Jun 2017 23:33:13 +0000
Local clock offset: 0.947 ms
Remote clock offset: -23.78 ms
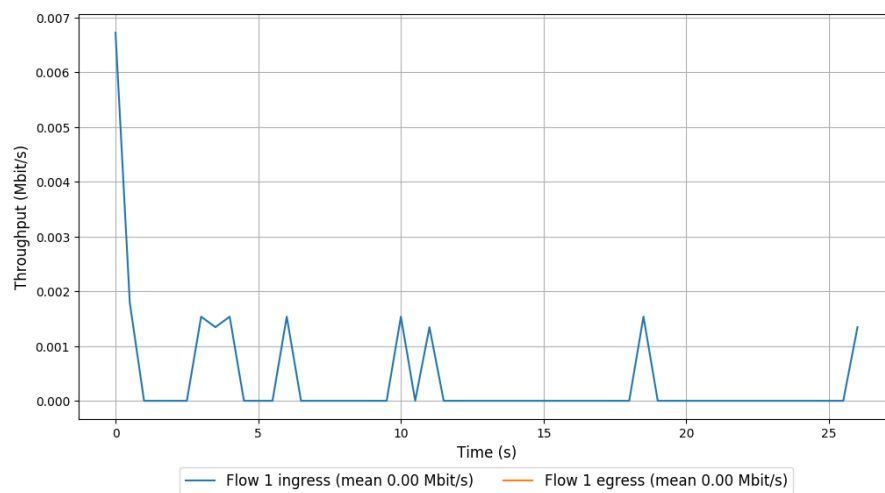
Run 6: Report of TCP Vegas — Data Link

Figure is missing

```
Run 7: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 23:50:00 +0000
End at: Thu, 29 Jun 2017 23:50:30 +0000
Local clock offset: -0.975 ms
Remote clock offset: -21.775 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:02:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.75 Mbit/s
95th percentile per-packet one-way delay: 13.031 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 64.75 Mbit/s
95th percentile per-packet one-way delay: 13.031 ms
Loss rate: 0.30%
```
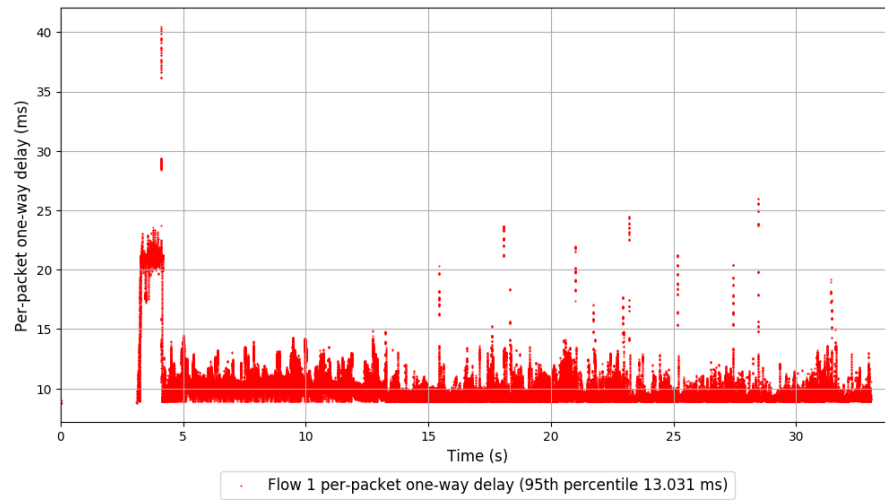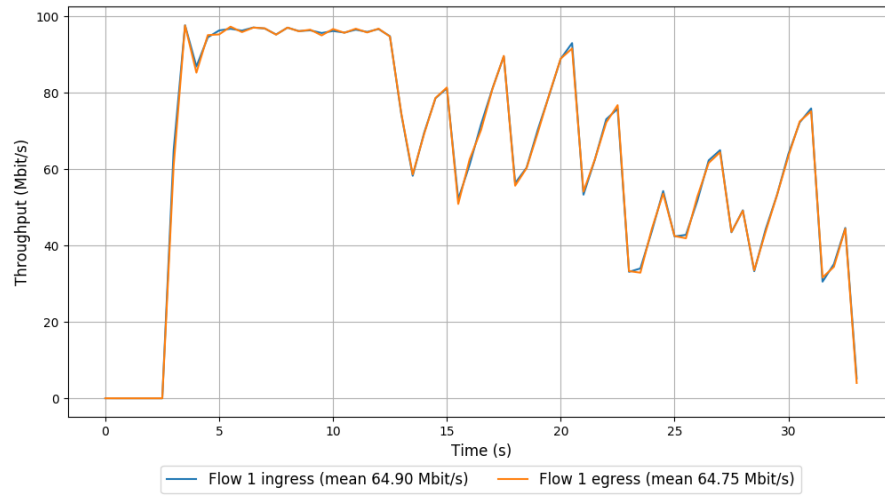
Run 7: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 64.90 Mbit/s)   Flow 1 egress (mean 64.75 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 13.031 ms)

```
Run 8: Statistics of TCP Vegas

Start at: Fri, 30 Jun 2017 00:07:25 +0000
End at: Fri, 30 Jun 2017 00:07:55 +0000
Local clock offset: -0.883 ms
Remote clock offset: -20.614 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:02:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.13 Mbit/s
95th percentile per-packet one-way delay: 21.386 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 79.13 Mbit/s
95th percentile per-packet one-way delay: 21.386 ms
Loss rate: 0.15%
```
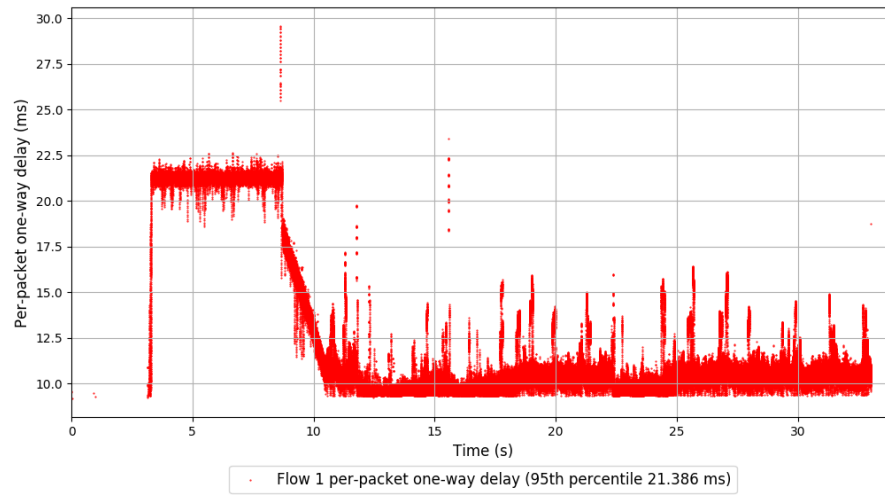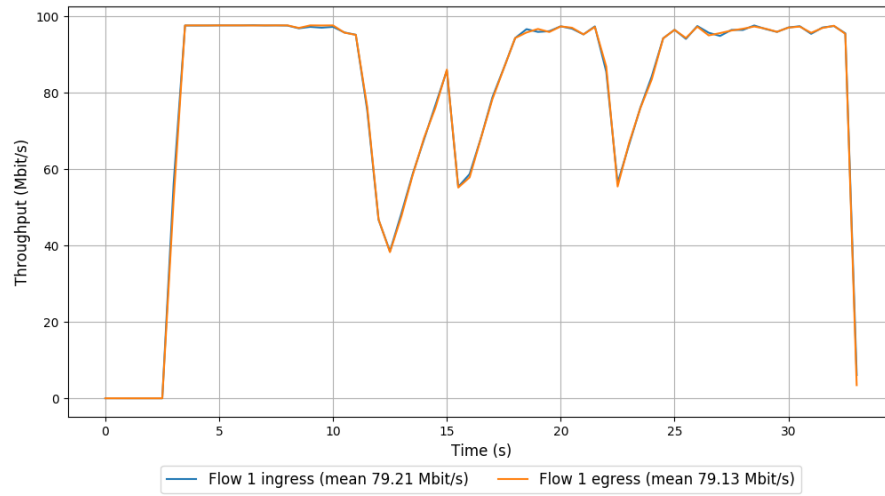
Run 8: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 79.21 Mbit/s) ——— Flow 1 egress (mean 79.13 Mbit/s)

· Flow 1 per-packet one-way delay (95th percentile 21.386 ms)

```
Run 9: Statistics of TCP Vegas

Start at: Fri, 30 Jun 2017 00:24:47 +0000
End at: Fri, 30 Jun 2017 00:25:17 +0000
Local clock offset: -3.085 ms
Remote clock offset: -20.424 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:02:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.79 Mbit/s
95th percentile per-packet one-way delay: 22.990 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 81.79 Mbit/s
95th percentile per-packet one-way delay: 22.990 ms
Loss rate: 0.14%
```
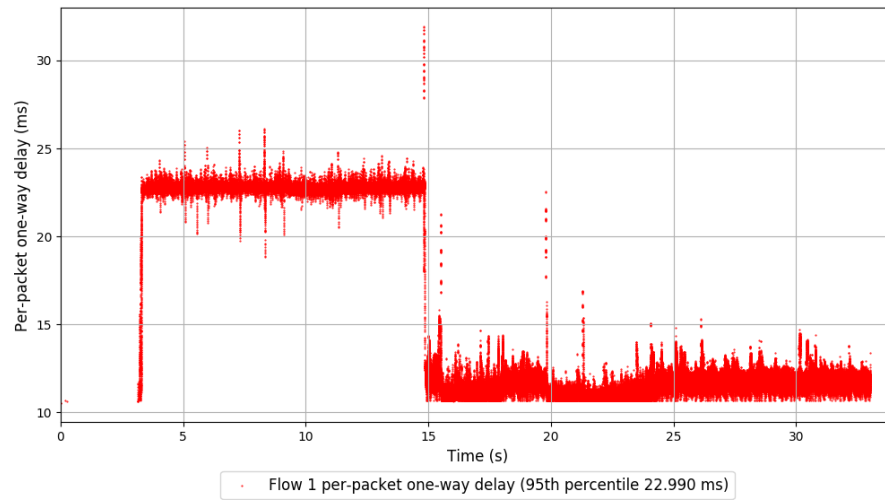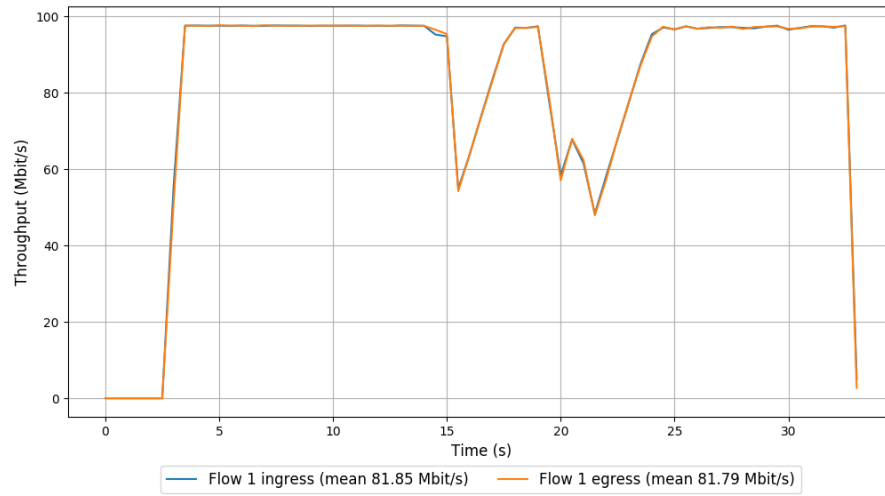
Run 9: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 81.85 Mbit/s) —— Flow 1 egress (mean 81.79 Mbit/s)

· Flow 1 per-packet one-way delay (95th percentile 22.990 ms)

```
Run 10: Statistics of TCP Vegas

Start at: Fri, 30 Jun 2017 00:42:15 +0000
End at: Fri, 30 Jun 2017 00:42:45 +0000
Local clock offset: -1.632 ms
Remote clock offset: -20.669 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:02:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.76 Mbit/s
95th percentile per-packet one-way delay: 22.664 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 69.76 Mbit/s
95th percentile per-packet one-way delay: 22.664 ms
Loss rate: 0.25%
```
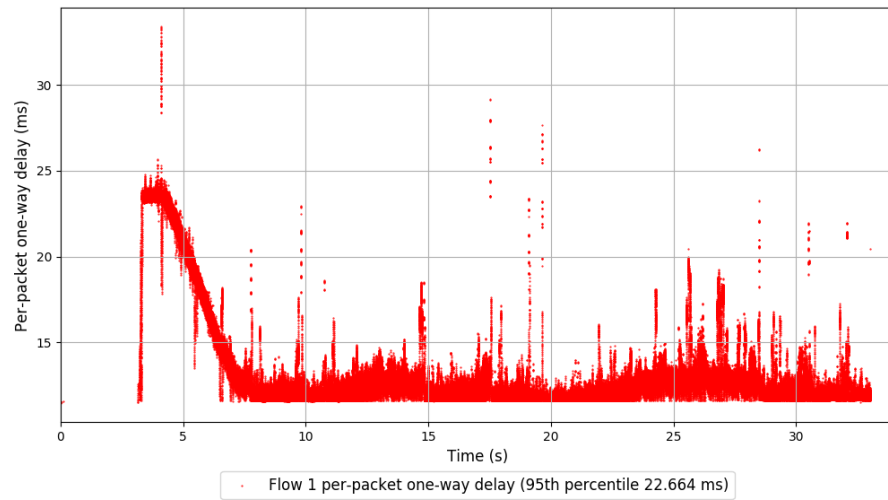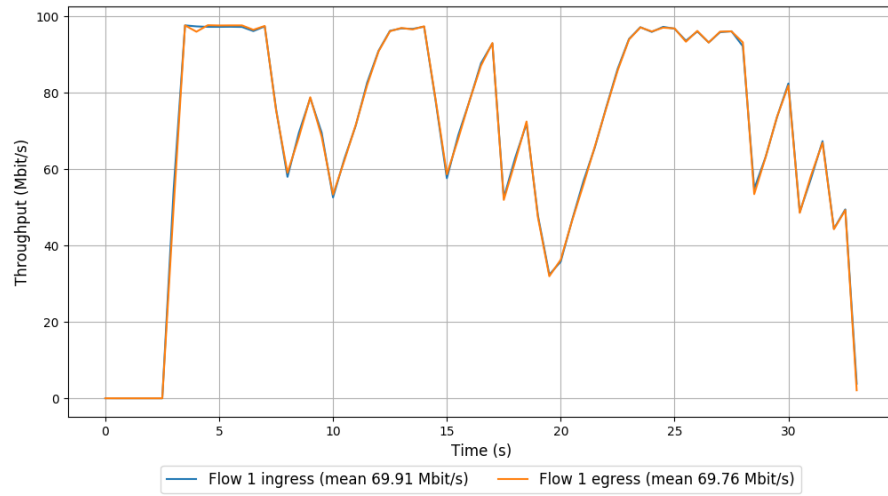
Run 10: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 69.91 Mbit/s)   Flow 1 egress (mean 69.76 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 22.664 ms)

```
Run 1: Statistics of Verus

Start at: Thu, 29 Jun 2017 21:55:12 +0000
End at: Thu, 29 Jun 2017 21:55:42 +0000
Local clock offset: -0.319 ms
Remote clock offset: -20.009 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:02:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.32 Mbit/s
95th percentile per-packet one-way delay: 21.347 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 87.32 Mbit/s
95th percentile per-packet one-way delay: 21.347 ms
Loss rate: 0.37%
```
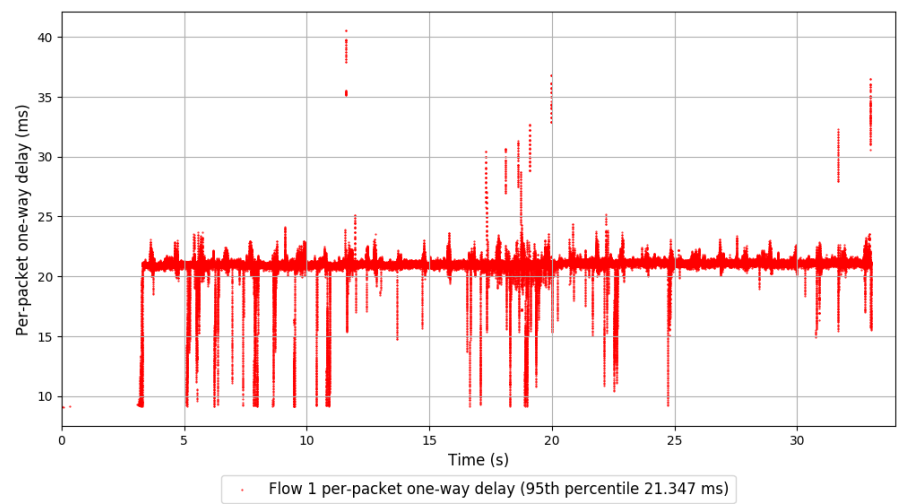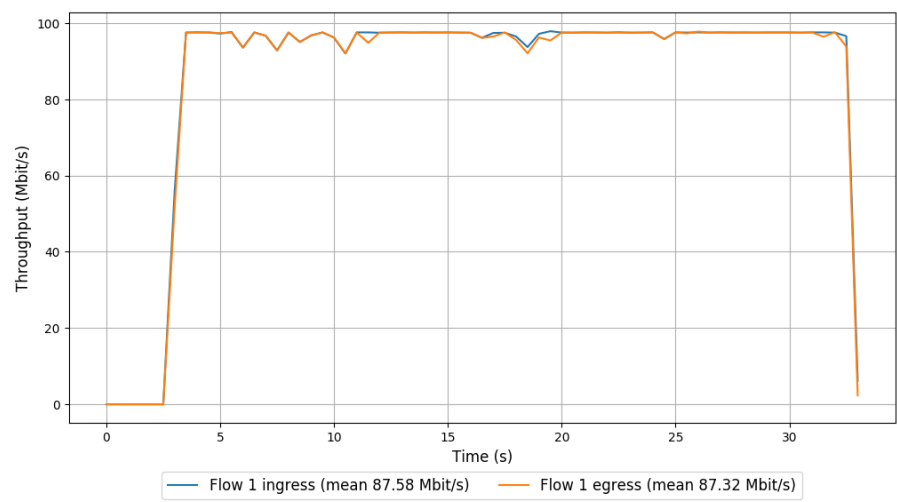
Run 1: Report of Verus — Data Link

Flow 1 ingress (mean 87.58 Mbit/s) — Flow 1 egress (mean 87.32 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 21.347 ms)

```
Run 2: Statistics of Verus

Start at: Thu, 29 Jun 2017 22:12:57 +0000
End at: Thu, 29 Jun 2017 22:13:27 +0000
Local clock offset: -0.756 ms
Remote clock offset: -19.713 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:02:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.05 Mbit/s
95th percentile per-packet one-way delay: 21.959 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 87.05 Mbit/s
95th percentile per-packet one-way delay: 21.959 ms
Loss rate: 0.21%
```
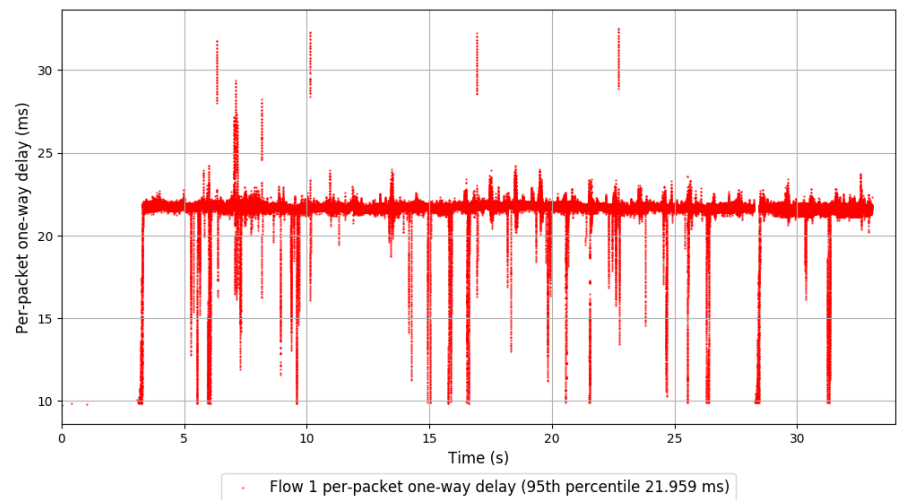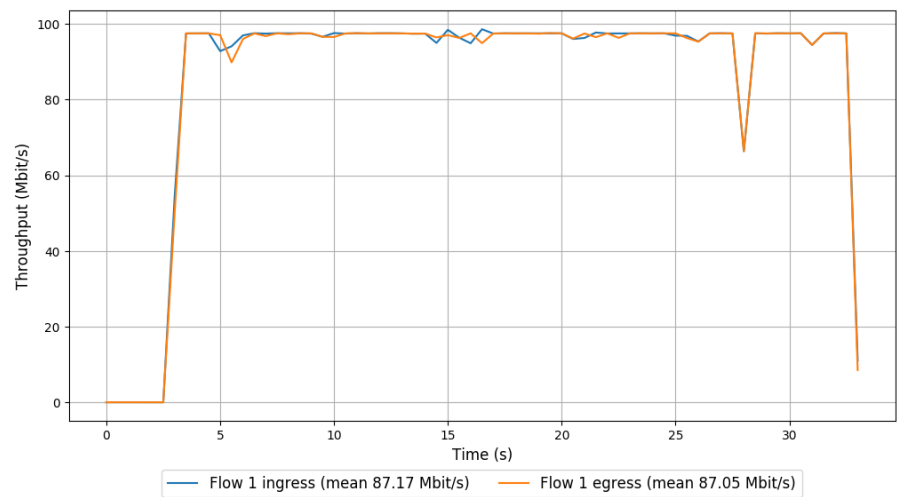
Run 2: Report of Verus — Data Link

Flow 1 ingress (mean 87.17 Mbit/s)   Flow 1 egress (mean 87.05 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 21.959 ms)

```
Run 3: Statistics of Verus

Start at: Thu, 29 Jun 2017 22:30:26 +0000
End at: Thu, 29 Jun 2017 22:30:56 +0000
Local clock offset: 2.385 ms
Remote clock offset: -21.39 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:02:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.42 Mbit/s
95th percentile per-packet one-way delay: 22.661 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 86.42 Mbit/s
95th percentile per-packet one-way delay: 22.661 ms
Loss rate: 0.17%
```
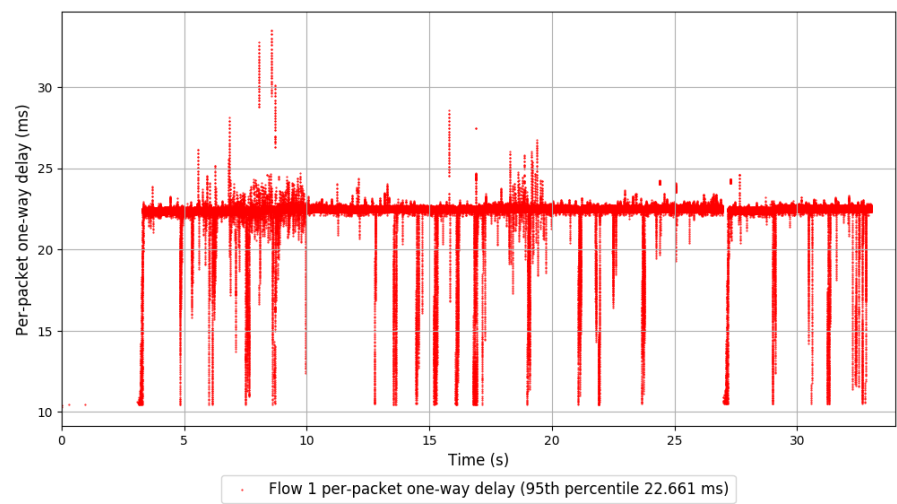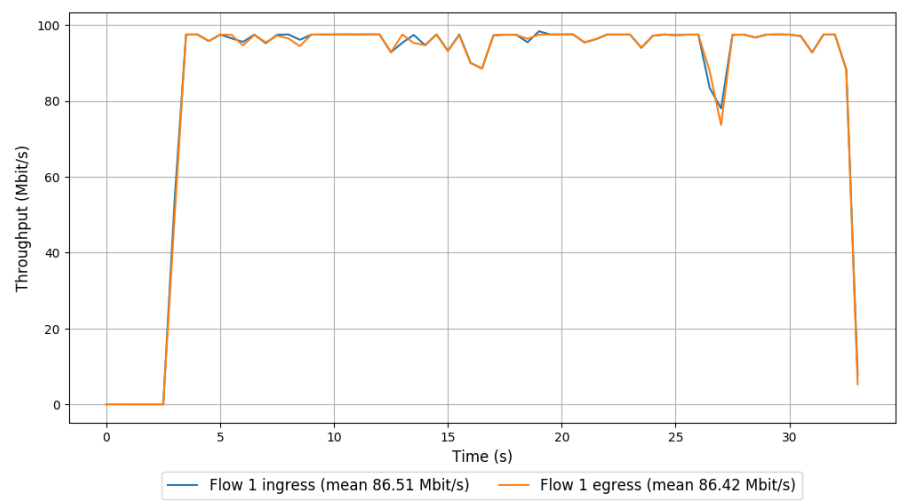
Run 3: Report of Verus — Data Link

Flow 1 ingress (mean 86.51 Mbit/s) ——— Flow 1 egress (mean 86.42 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 22.661 ms)

```
Run 4: Statistics of Verus

Start at: Thu, 29 Jun 2017 22:48:07 +0000
End at: Thu, 29 Jun 2017 22:48:37 +0000
Local clock offset: -1.611 ms
Remote clock offset: -22.809 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:03:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.63 Mbit/s
95th percentile per-packet one-way delay: 22.052 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 86.63 Mbit/s
95th percentile per-packet one-way delay: 22.052 ms
Loss rate: 0.28%
```
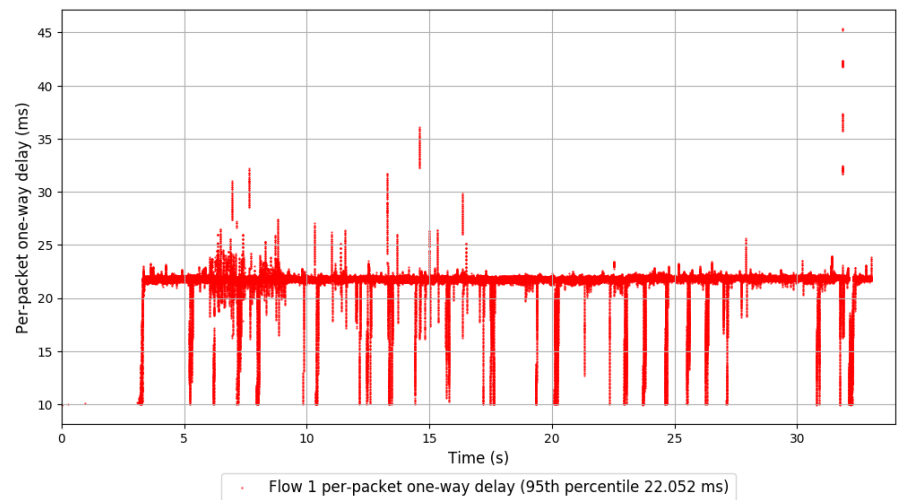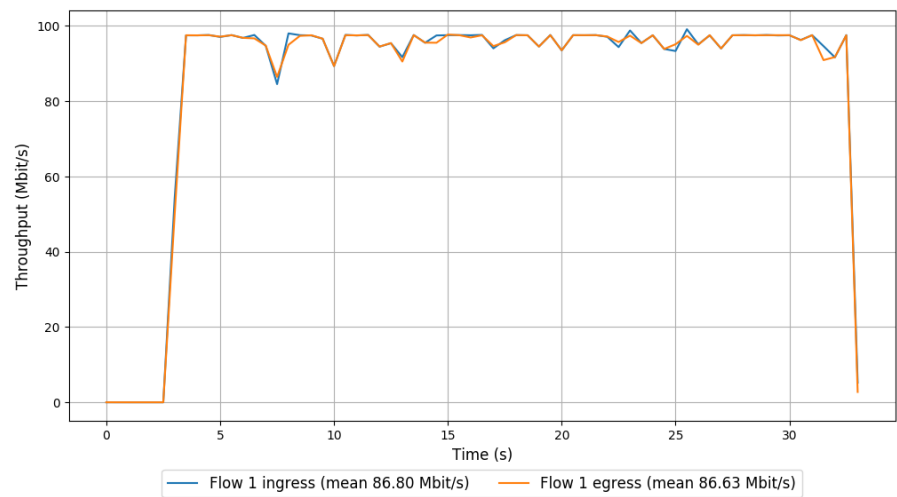
Run 4: Report of Verus — Data Link

Flow 1 ingress (mean 86.80 Mbit/s) — Flow 1 egress (mean 86.63 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 22.052 ms)

```
Run 5: Statistics of Verus

Start at: Thu, 29 Jun 2017 23:05:34 +0000
End at: Thu, 29 Jun 2017 23:06:04 +0000
Local clock offset: -1.553 ms
Remote clock offset: -22.366 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:03:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.35 Mbit/s
95th percentile per-packet one-way delay: 20.963 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 87.35 Mbit/s
95th percentile per-packet one-way delay: 20.963 ms
Loss rate: 0.21%
```
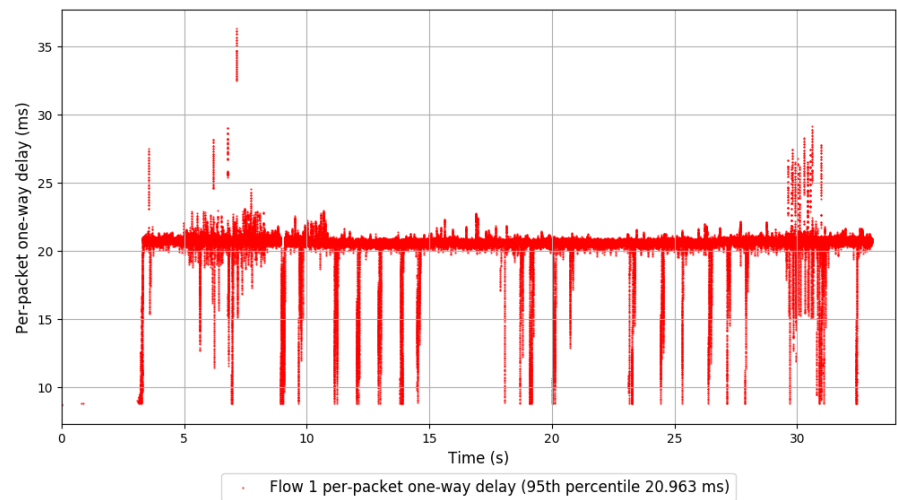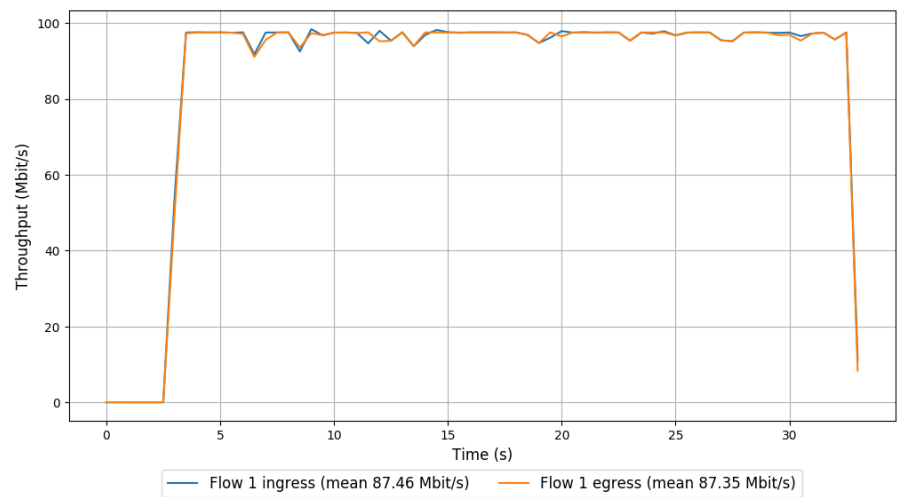
Run 5: Report of Verus — Data Link

Flow 1 ingress (mean 87.46 Mbit/s)   Flow 1 egress (mean 87.35 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 20.963 ms)

```
Run 6: Statistics of Verus

Start at: Thu, 29 Jun 2017 23:23:13 +0000
End at: Thu, 29 Jun 2017 23:23:43 +0000
Local clock offset: -1.076 ms
Remote clock offset: -23.637 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:03:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.40 Mbit/s
95th percentile per-packet one-way delay: 19.936 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 87.40 Mbit/s
95th percentile per-packet one-way delay: 19.936 ms
Loss rate: 0.31%
```
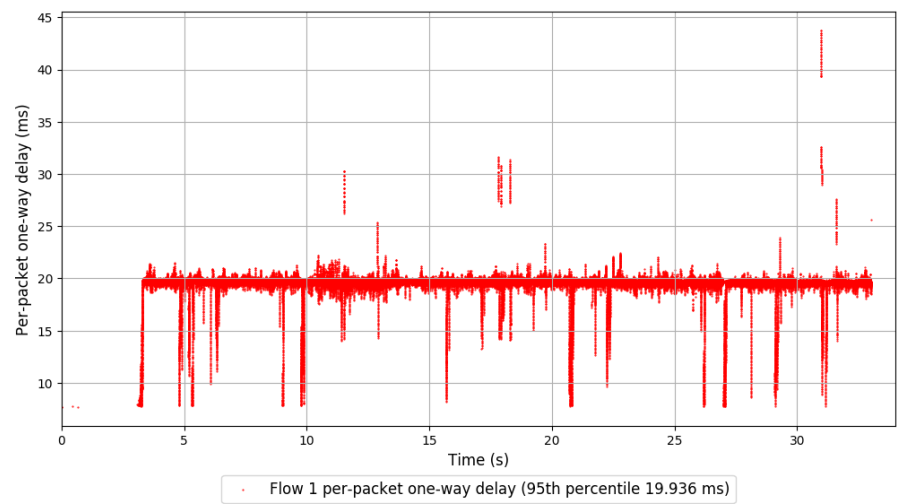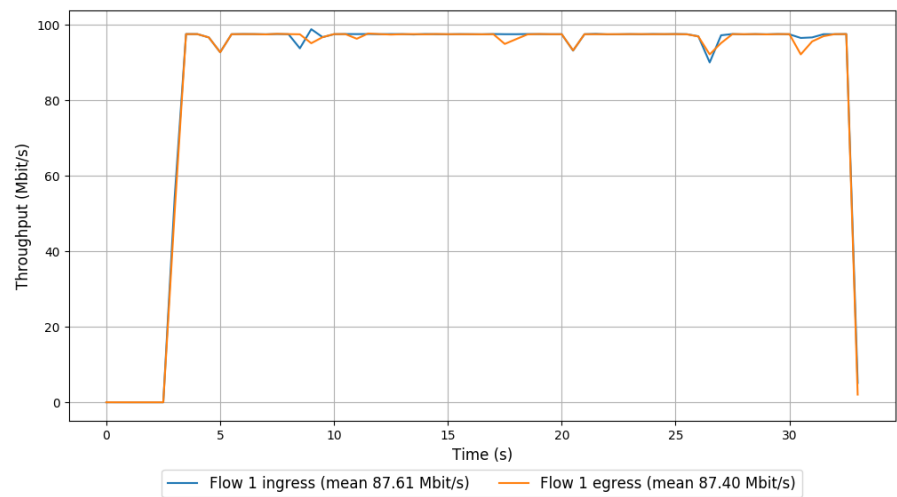
Run 6: Report of Verus — Data Link

Flow 1 ingress (mean 87.61 Mbit/s)   Flow 1 egress (mean 87.40 Mbit/s)

. Flow 1 per-packet one-way delay (95th percentile 19.936 ms)

```
Run 7: Statistics of Verus

Start at: Thu, 29 Jun 2017 23:40:35 +0000
End at: Thu, 29 Jun 2017 23:41:05 +0000
Local clock offset: 0.74 ms
Remote clock offset: -23.482 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:03:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.47 Mbit/s
95th percentile per-packet one-way delay: 20.455 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 86.47 Mbit/s
95th percentile per-packet one-way delay: 20.455 ms
Loss rate: 0.25%
```
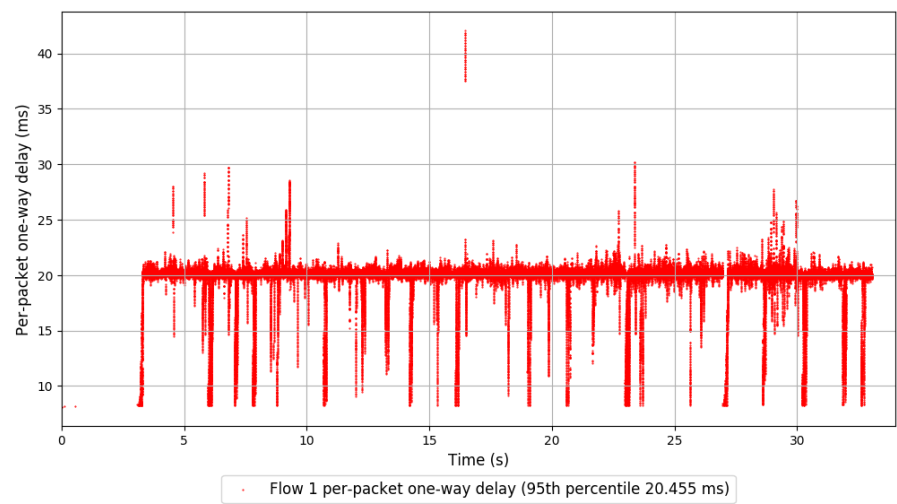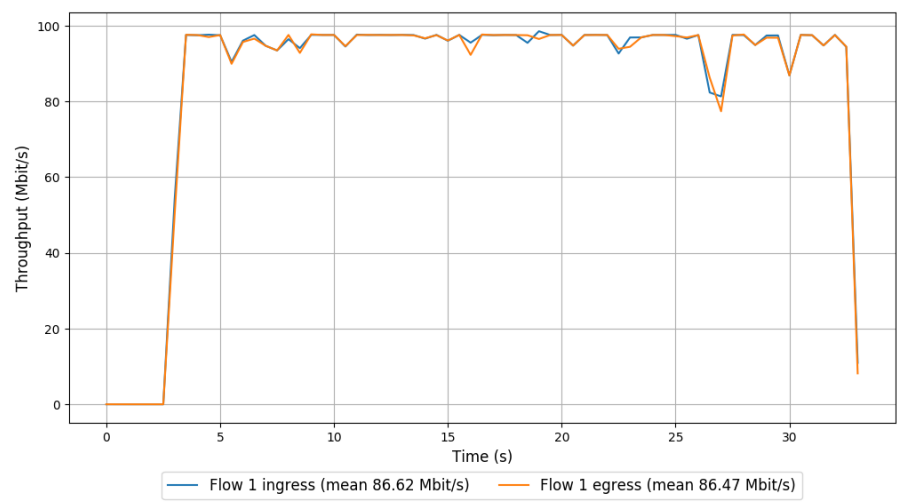
Run 7: Report of Verus — Data Link

Flow 1 ingress (mean 86.62 Mbit/s)   Flow 1 egress (mean 86.47 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 20.455 ms)

```
Run 8: Statistics of Verus

Start at: Thu, 29 Jun 2017 23:57:58 +0000
End at: Thu, 29 Jun 2017 23:58:28 +0000
Local clock offset: -1.055 ms
Remote clock offset: -22.983 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:03:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.57 Mbit/s
95th percentile per-packet one-way delay: 21.582 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 86.57 Mbit/s
95th percentile per-packet one-way delay: 21.582 ms
Loss rate: 0.33%
```
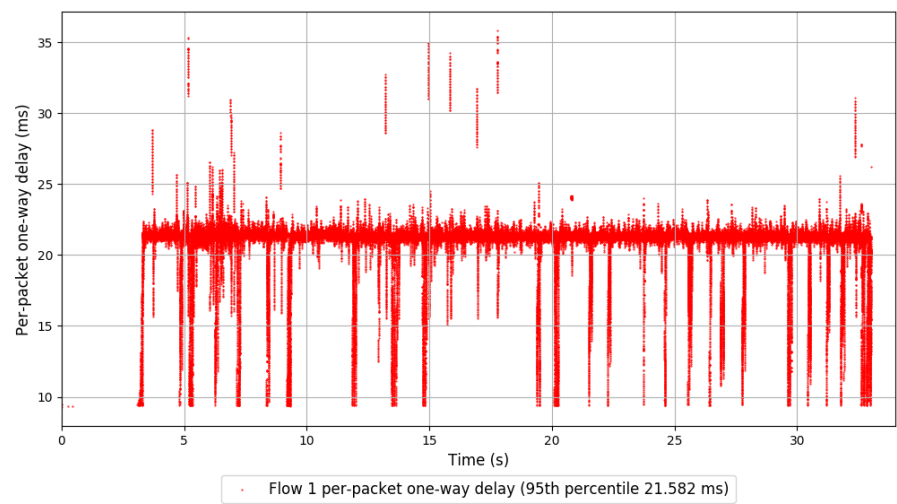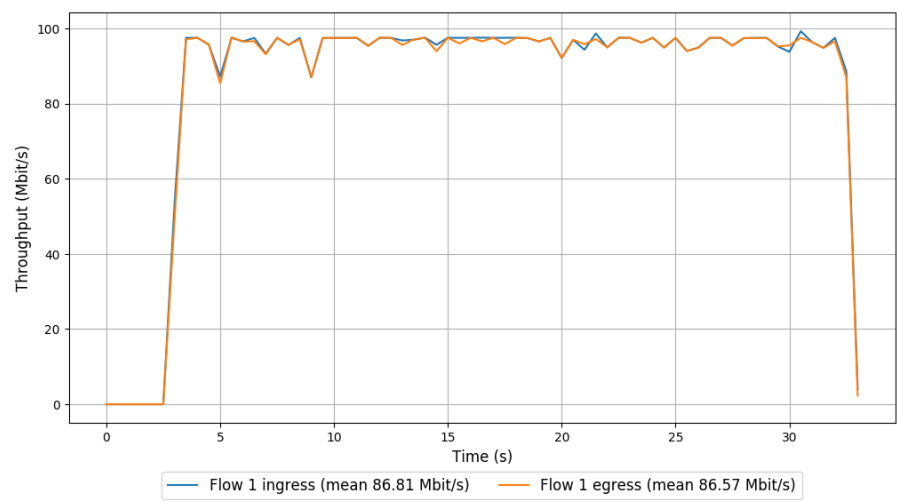
Run 8: Report of Verus — Data Link

Flow 1 ingress (mean 86.81 Mbit/s) ——— Flow 1 egress (mean 86.57 Mbit/s)

. Flow 1 per-packet one-way delay (95th percentile 21.582 ms)

```
Run 9: Statistics of Verus

Start at: Fri, 30 Jun 2017 00:15:25 +0000
End at: Fri, 30 Jun 2017 00:15:55 +0000
Local clock offset: -1.773 ms
Remote clock offset: -21.192 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:03:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.35 Mbit/s
95th percentile per-packet one-way delay: 22.207 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 86.35 Mbit/s
95th percentile per-packet one-way delay: 22.207 ms
Loss rate: 0.60%
```
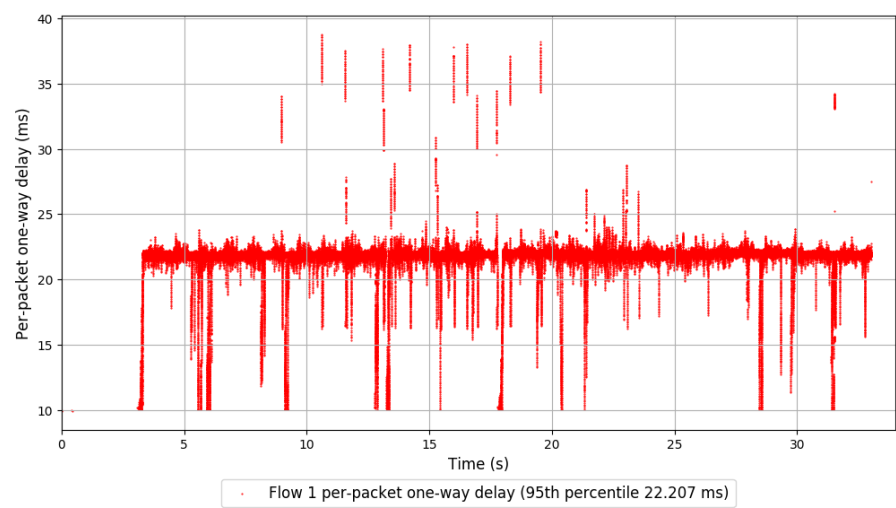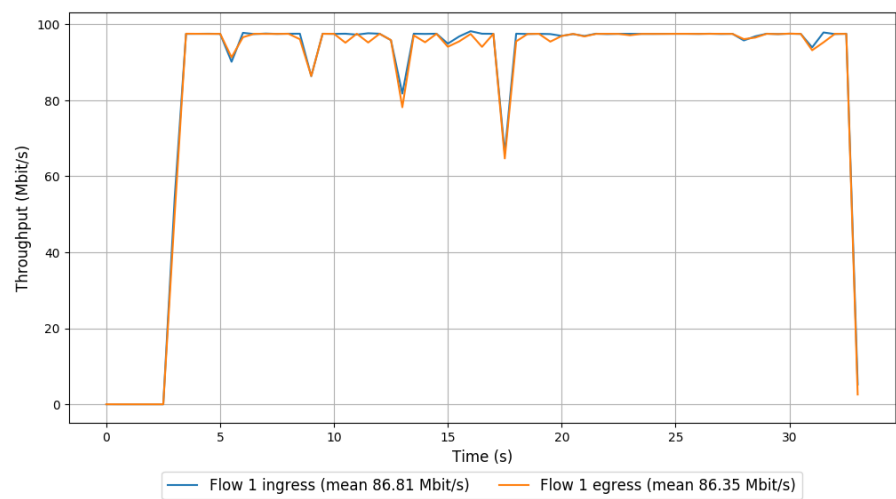
Run 9: Report of Verus — Data Link

Flow 1 ingress (mean 86.81 Mbit/s) —— Flow 1 egress (mean 86.35 Mbit/s)

· Flow 1 per-packet one-way delay (95th percentile 22.207 ms)

```
Run 10: Statistics of Verus

Start at: Fri, 30 Jun 2017 00:32:46 +0000
End at: Fri, 30 Jun 2017 00:33:16 +0000
Local clock offset: -1.866 ms
Remote clock offset: -19.306 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:03:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.26 Mbit/s
95th percentile per-packet one-way delay: 23.508 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 87.26 Mbit/s
95th percentile per-packet one-way delay: 23.508 ms
Loss rate: 0.33%
```
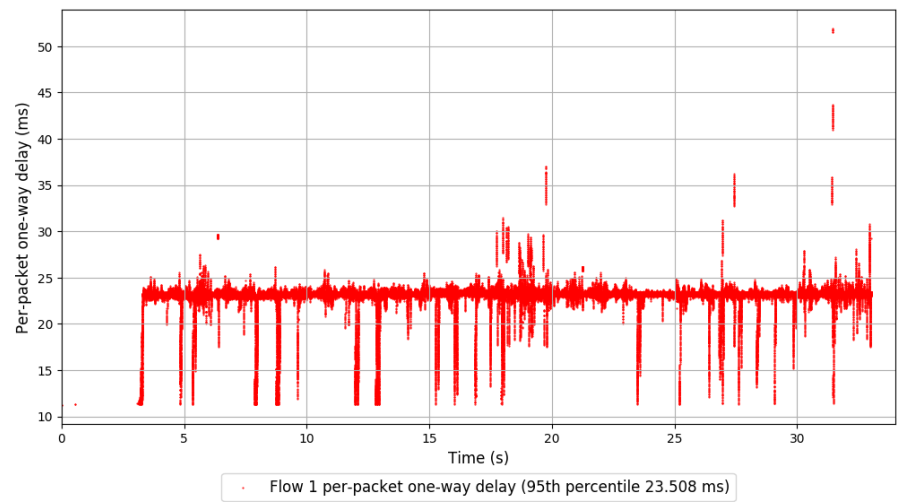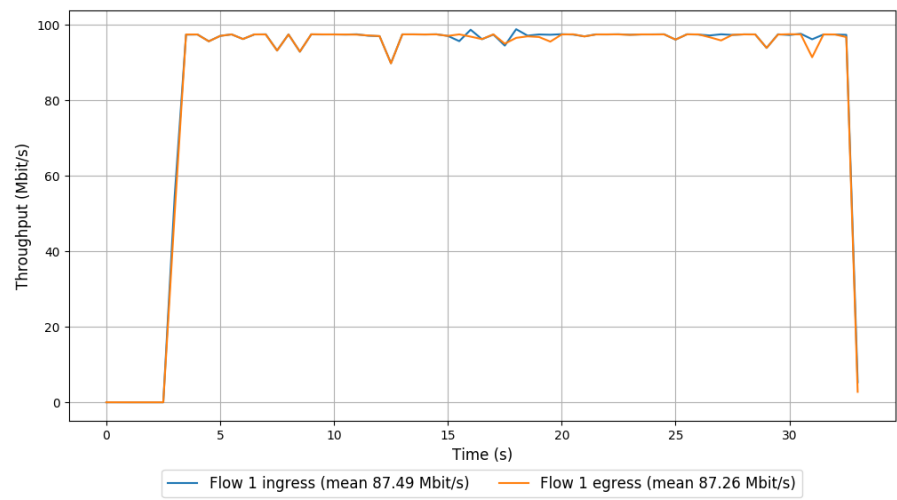
Run 10: Report of Verus — Data Link

Flow 1 ingress (mean 87.49 Mbit/s)   Flow 1 egress (mean 87.26 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 23.508 ms)

```
Run 1: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 22:00:13 +0000
End at: Thu, 29 Jun 2017 22:00:43 +0000
Local clock offset: 2.559 ms
Remote clock offset: -20.397 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:03:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 9.954 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 9.954 ms
Loss rate: 0.01%
```
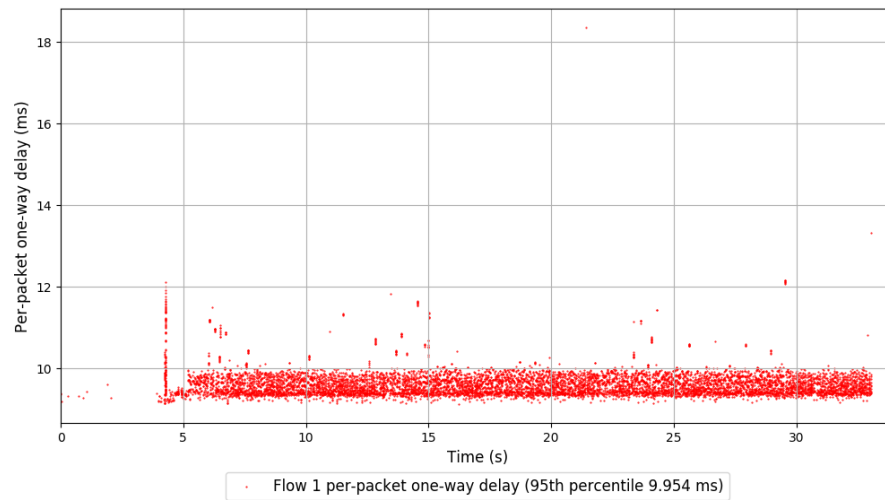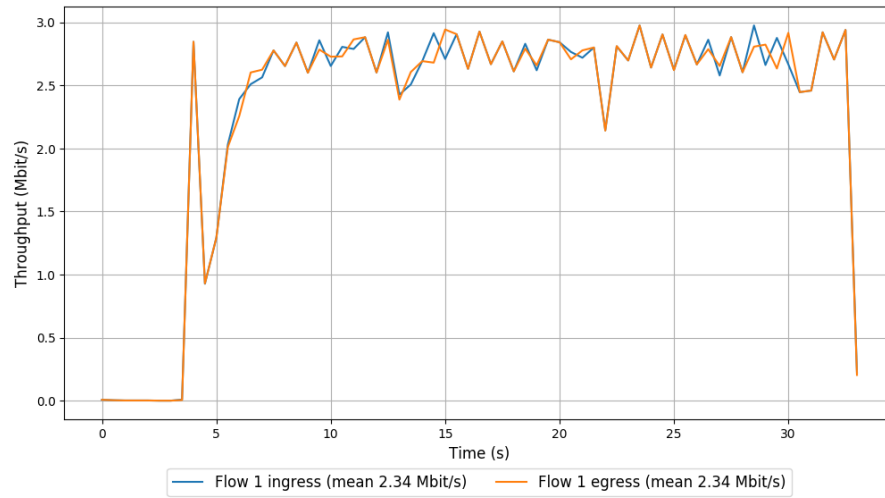
Run 1: Report of WebRTC media — Data Link

```
Run 2: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 22:17:53 +0000
End at: Thu, 29 Jun 2017 22:18:23 +0000
Local clock offset: 1.636 ms
Remote clock offset: -20.714 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:03:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 10.468 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 10.468 ms
Loss rate: 0.14%
```
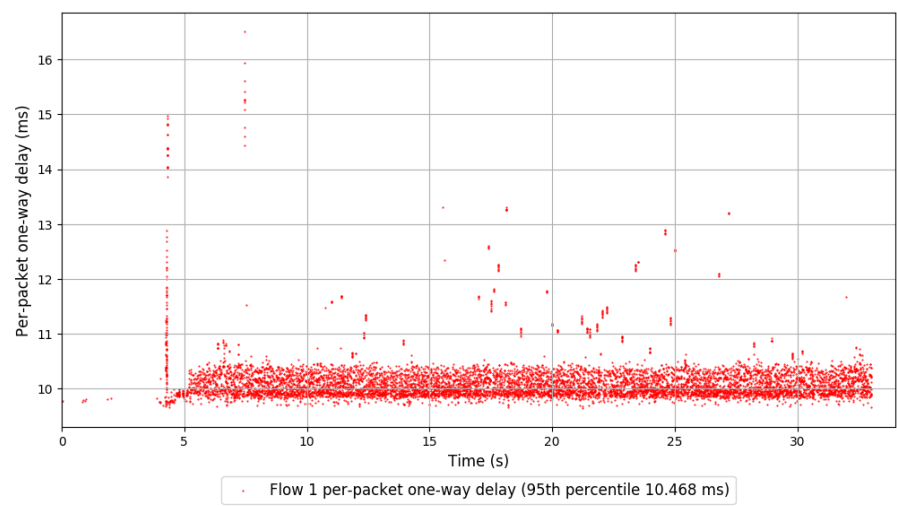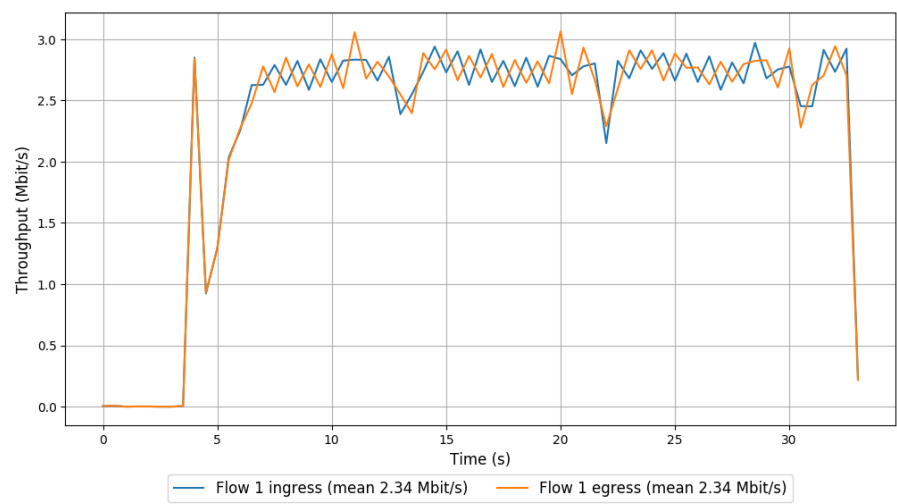
Run 2: Report of WebRTC media — Data Link

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

Flow 1 per-packet one-way delay (95th percentile 10.468 ms)

```
Run 3: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 22:35:27 +0000
End at: Thu, 29 Jun 2017 22:35:57 +0000
Local clock offset: 1.061 ms
Remote clock offset: -20.619 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:03:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 11.194 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 11.194 ms
Loss rate: 0.00%
```
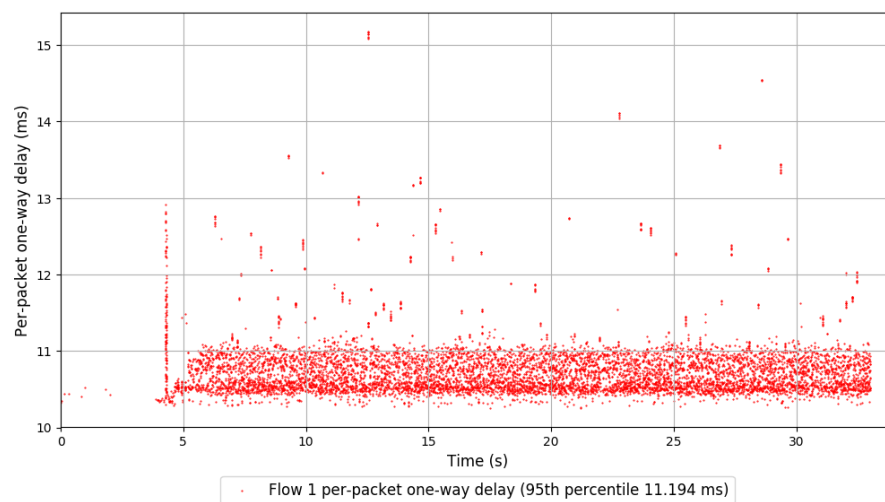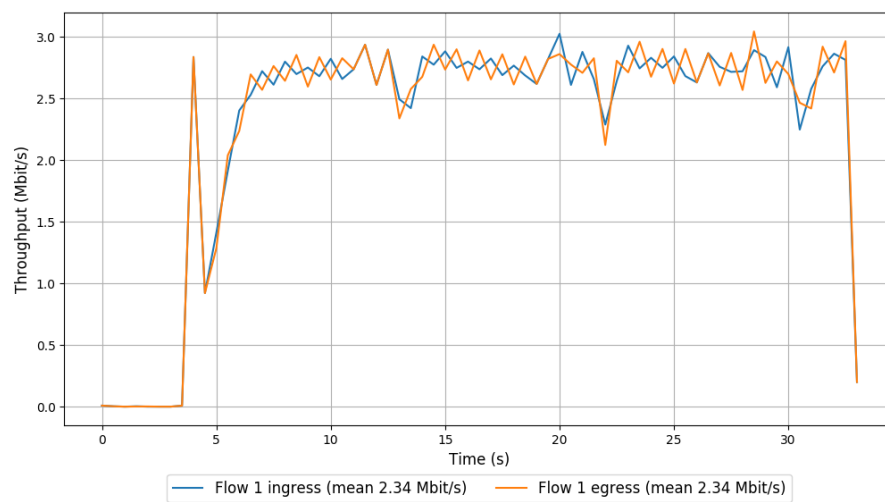
Run 3: Report of WebRTC media — Data Link

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

· Flow 1 per-packet one-way delay (95th percentile 11.194 ms)

```
Run 4: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 22:53:03 +0000
End at: Thu, 29 Jun 2017 22:53:33 +0000
Local clock offset: -0.073 ms
Remote clock offset: -20.368 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:03:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 10.118 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 10.118 ms
Loss rate: 0.14%
```
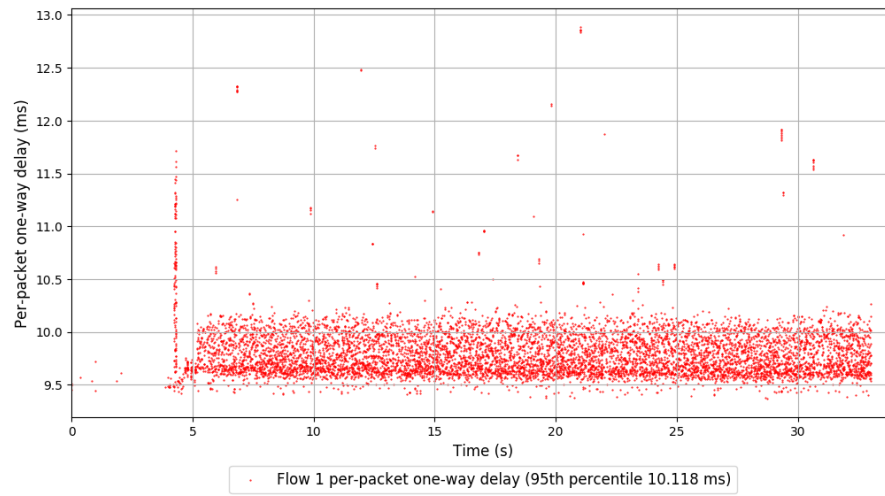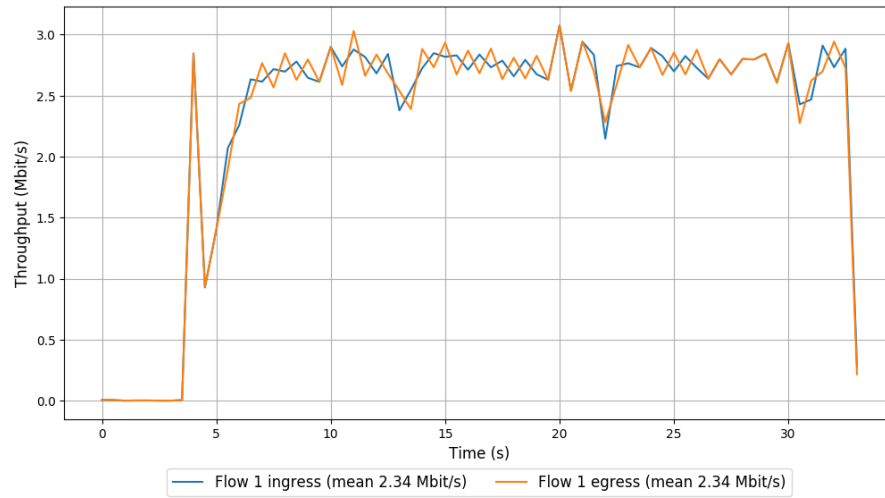
Run 4: Report of WebRTC media — Data Link

```
Run 5: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 23:10:38 +0000
End at: Thu, 29 Jun 2017 23:11:08 +0000
Local clock offset: -1.372 ms
Remote clock offset: -22.278 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:03:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 9.122 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 9.122 ms
Loss rate: 0.13%
```
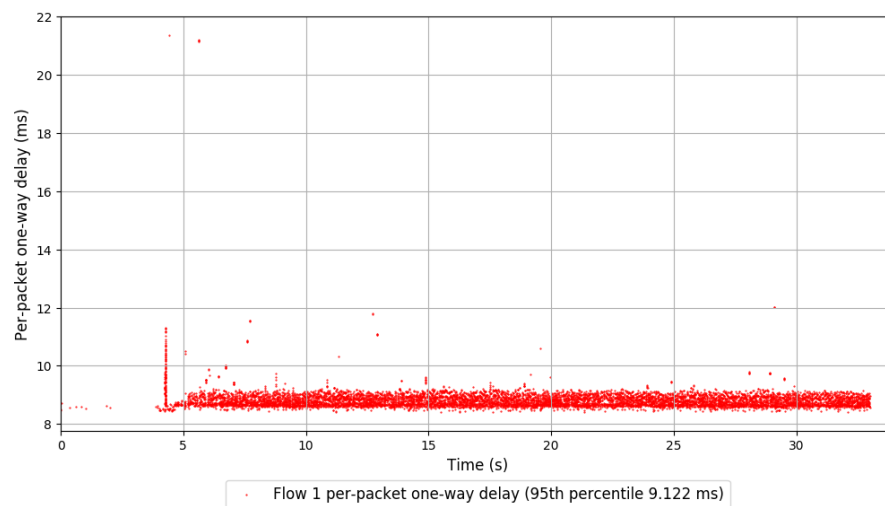
Run 5: Report of WebRTC media — Data Link

Flow 1 ingress (mean 2.34 Mbit/s) — Flow 1 egress (mean 2.33 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile 9.122 ms)

```
Run 6: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 23:28:06 +0000
End at: Thu, 29 Jun 2017 23:28:36 +0000
Local clock offset: -0.892 ms
Remote clock offset: -22.907 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:03:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 8.278 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 8.278 ms
Loss rate: 0.11%
```
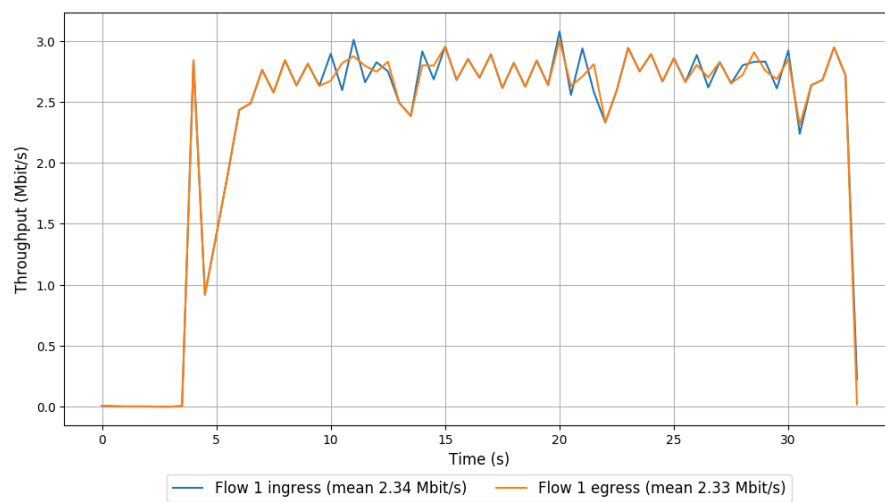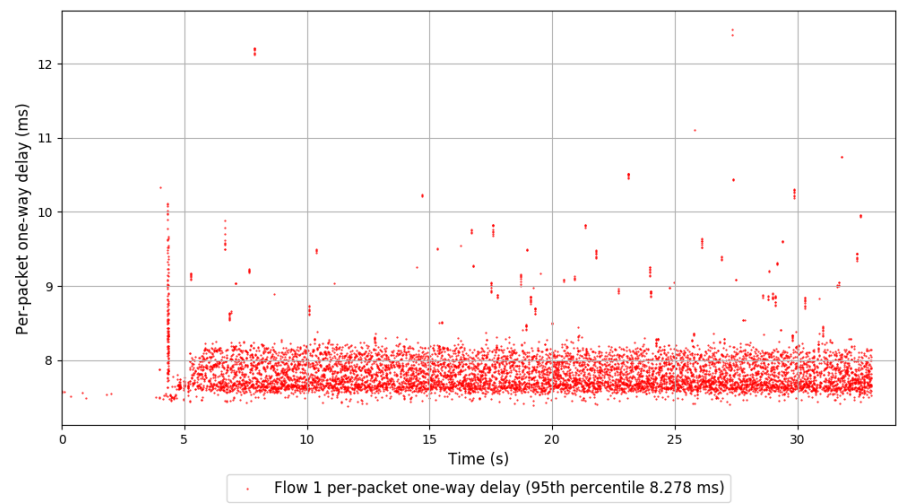
Run 6: Report of WebRTC media — Data Link

```
Run 7: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 23:45:28 +0000
End at: Thu, 29 Jun 2017 23:45:58 +0000
Local clock offset: 0.981 ms
Remote clock offset: -21.332 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:03:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 9.371 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 9.371 ms
Loss rate: 0.00%
```
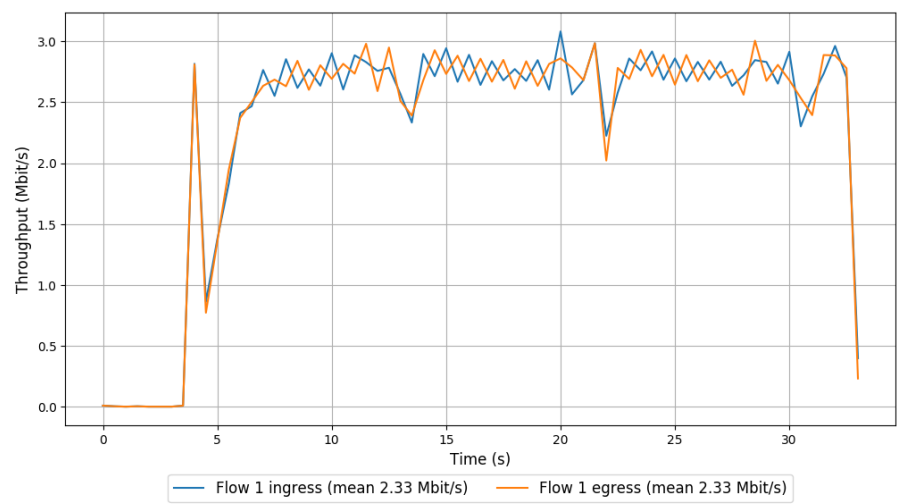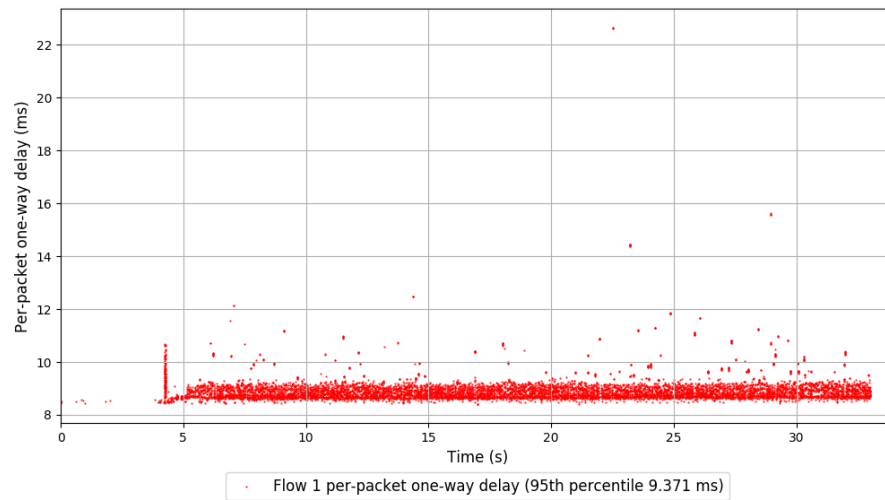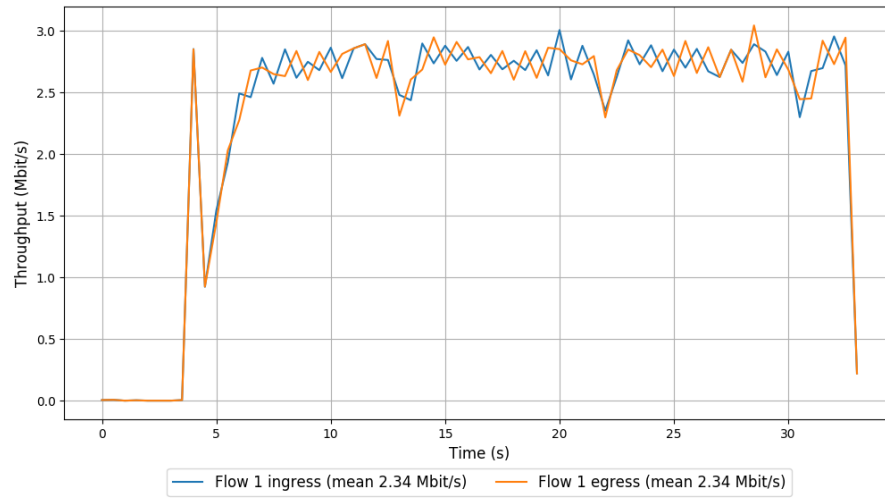
Run 7: Report of WebRTC media — Data Link

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

Flow 1 per-packet one-way delay (95th percentile 9.371 ms)

```
Run 8: Statistics of WebRTC media

Start at: Fri, 30 Jun 2017 00:02:50 +0000
End at: Fri, 30 Jun 2017 00:03:20 +0000
Local clock offset: -0.427 ms
Remote clock offset: -22.366 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:03:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 10.207 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 10.207 ms
Loss rate: 0.10%
```

Run 8: Report of WebRTC media — Data Link

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

Flow 1 per-packet one-way delay (95th percentile 10.207 ms)

```
Run 9: Statistics of WebRTC media

Start at: Fri, 30 Jun 2017 00:20:16 +0000
End at: Fri, 30 Jun 2017 00:20:46 +0000
Local clock offset: -2.534 ms
Remote clock offset: -22.064 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:03:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 11.221 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 11.221 ms
Loss rate: 0.13%
```
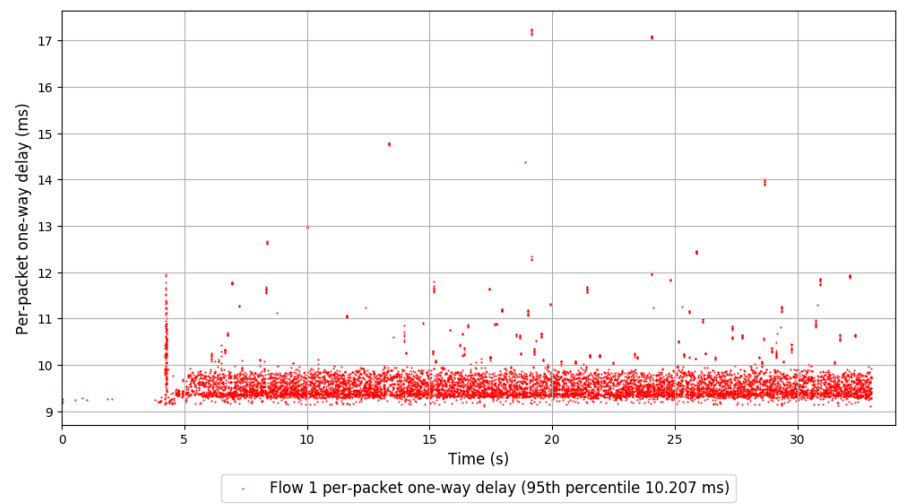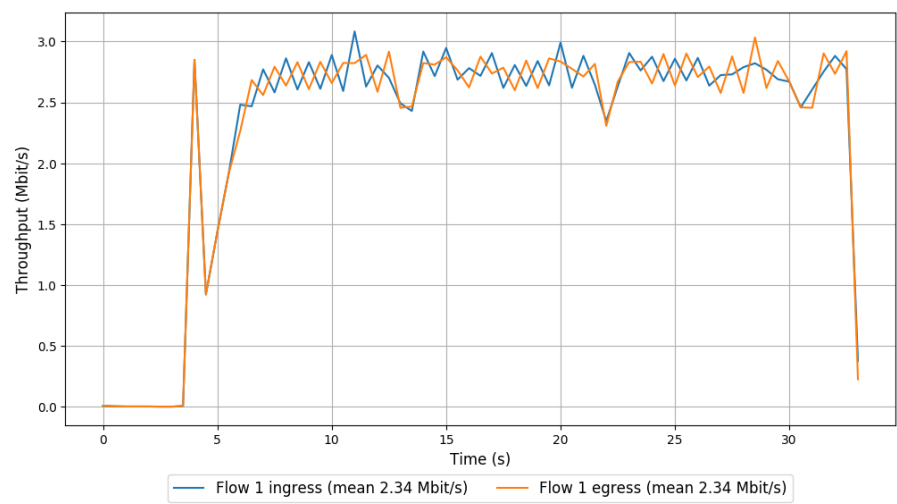
Run 9: Report of WebRTC media — Data Link

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

Flow 1 per-packet one-way delay (95th percentile 11.221 ms)

```
Run 10: Statistics of WebRTC media

Start at: Fri, 30 Jun 2017 00:37:42 +0000
End at: Fri, 30 Jun 2017 00:38:12 +0000
Local clock offset: -2.337 ms
Remote clock offset: -20.136 ms


# Below is generated by plot.py at Fri, 30 Jun 2017 02:03:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 12.481 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 12.481 ms
Loss rate: 0.11%
```
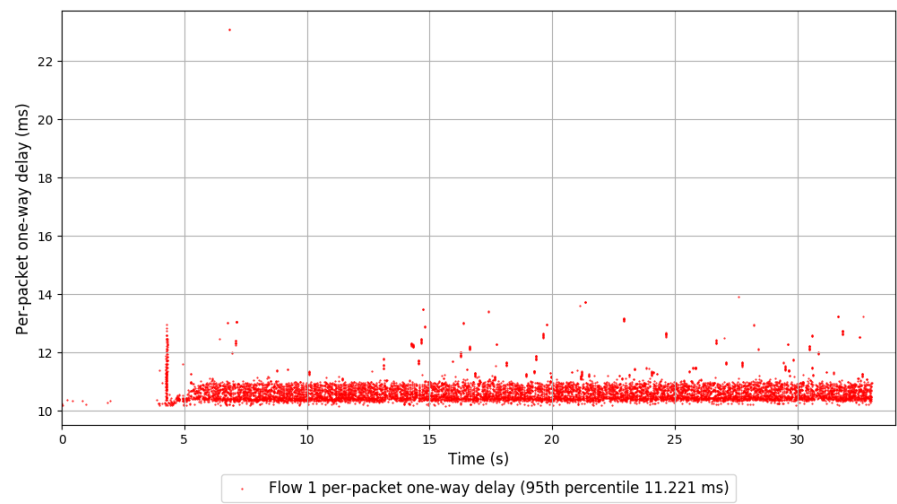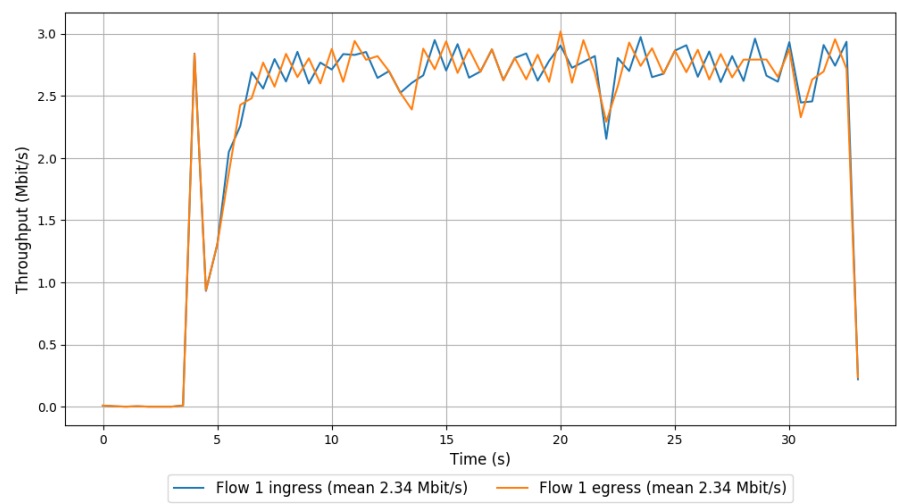
Run 10: Report of WebRTC media — Data Link

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

Flow 1 per-packet one-way delay (95th percentile 12.481 ms)