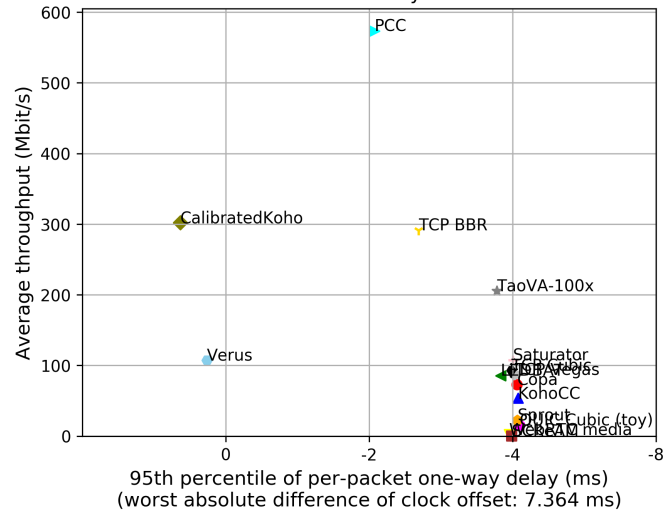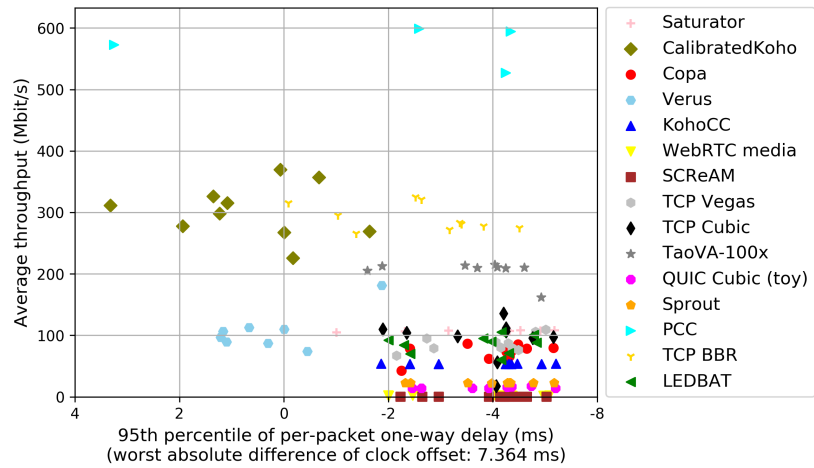**Pantheon Summary** (Generated at Sat, 24 Jun 2017 02:48:39 +0000 with pantheon version `f1f579919e2382b18c1fb18b676e821e7efc0b62`)

Repeated the test of 15 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

Data path **from** Stanford Ethernet **to** AWS California 1 Ethernet.

NTP offset measured against time.stanford.edu.

```
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
```
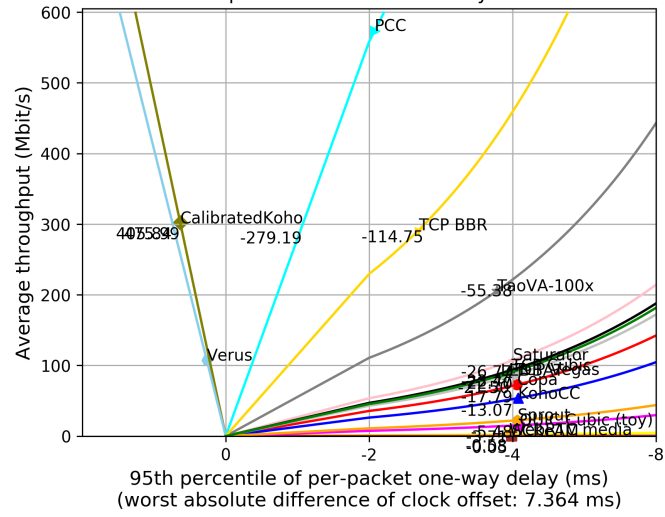
test from Stanford Ethernet to AWS California 1 Ethernet, 10 runs of 30s each per scheme
mean of all runs by scheme



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

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

```
Run 1: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 20:40:08 +0000
End at: Fri, 23 Jun 2017 20:40:38 +0000
Local clock offset: 3.332 ms
Remote clock offset: -1.671 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:23:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 325.11 Mbit/s
95th percentile per-packet one-way delay: -2.397 ms
Loss rate: 9.56%
-- Flow 1:
Average throughput: 325.11 Mbit/s
95th percentile per-packet one-way delay: -2.397 ms
Loss rate: 9.56%
```
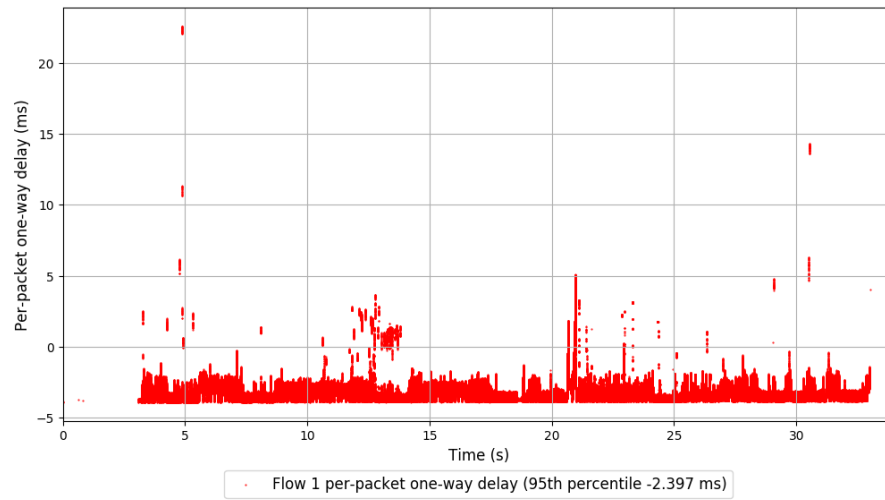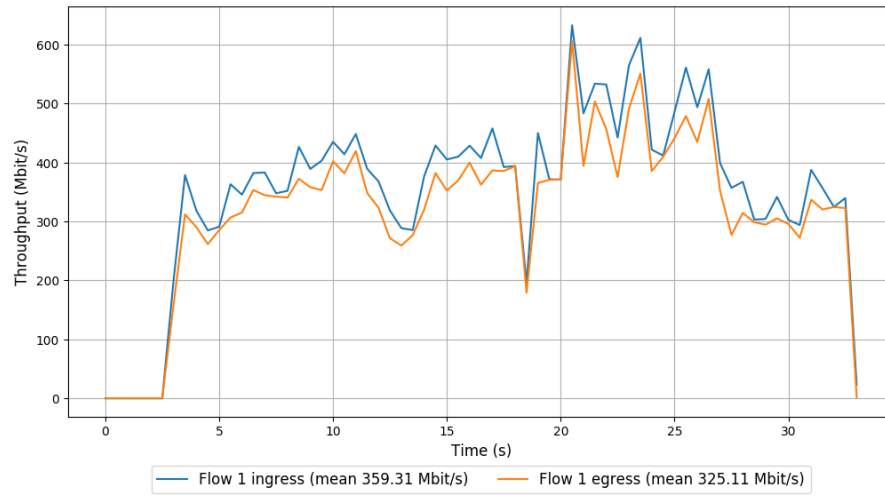
Run 1: Report of TCP BBR — Data Link

```
Run 2: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 20:59:48 +0000
End at: Fri, 23 Jun 2017 21:00:18 +0000
Local clock offset: 2.167 ms
Remote clock offset: -1.618 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:23:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 265.89 Mbit/s
95th percentile per-packet one-way delay: -1.381 ms
Loss rate: 9.52%
-- Flow 1:
Average throughput: 265.89 Mbit/s
95th percentile per-packet one-way delay: -1.381 ms
Loss rate: 9.52%
```
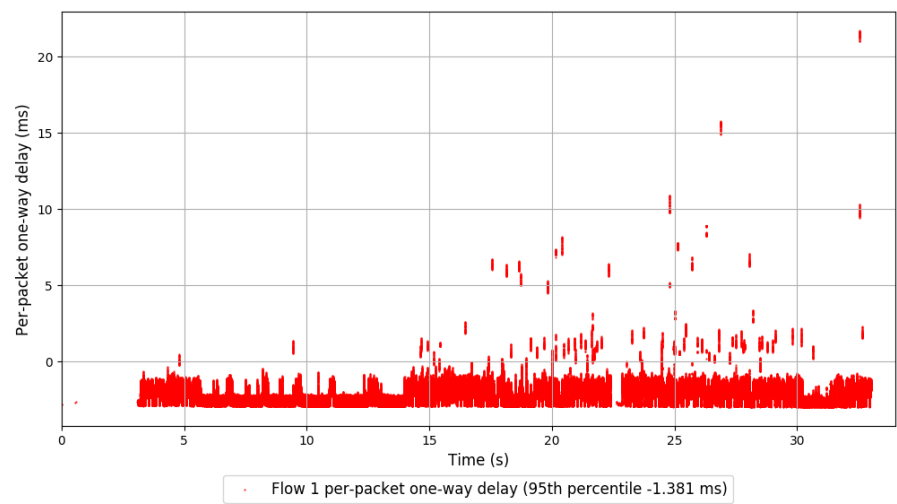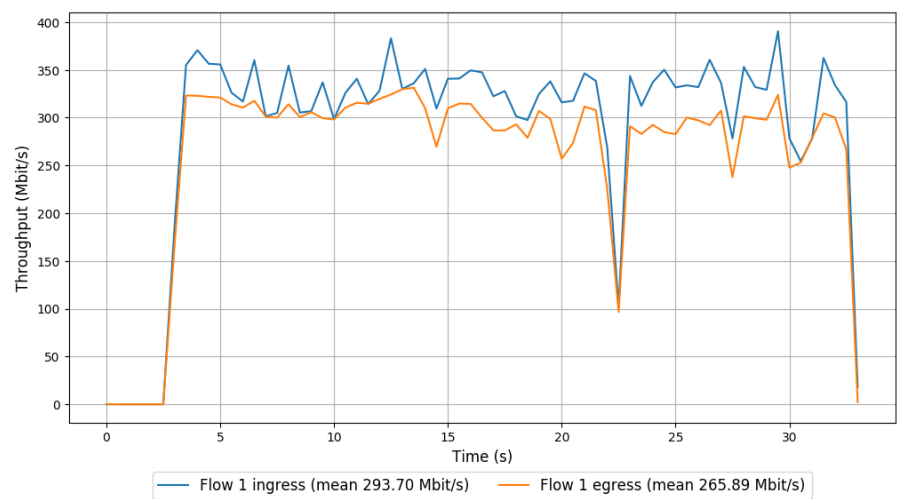
Run 2: Report of TCP BBR — Data Link



Flow 1 ingress (mean 293.70 Mbit/s) — Flow 1 egress (mean 265.89 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -1.381 ms)

```
Run 3: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 21:19:37 +0000
End at: Fri, 23 Jun 2017 21:20:07 +0000
Local clock offset: 1.587 ms
Remote clock offset: -2.032 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:23:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 295.37 Mbit/s
95th percentile per-packet one-way delay: -1.035 ms
Loss rate: 9.84%
-- Flow 1:
Average throughput: 295.37 Mbit/s
95th percentile per-packet one-way delay: -1.035 ms
Loss rate: 9.84%
```
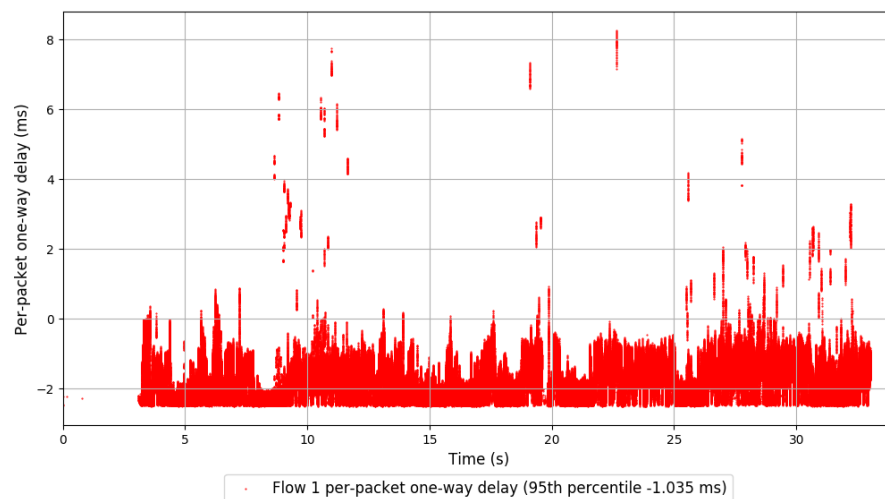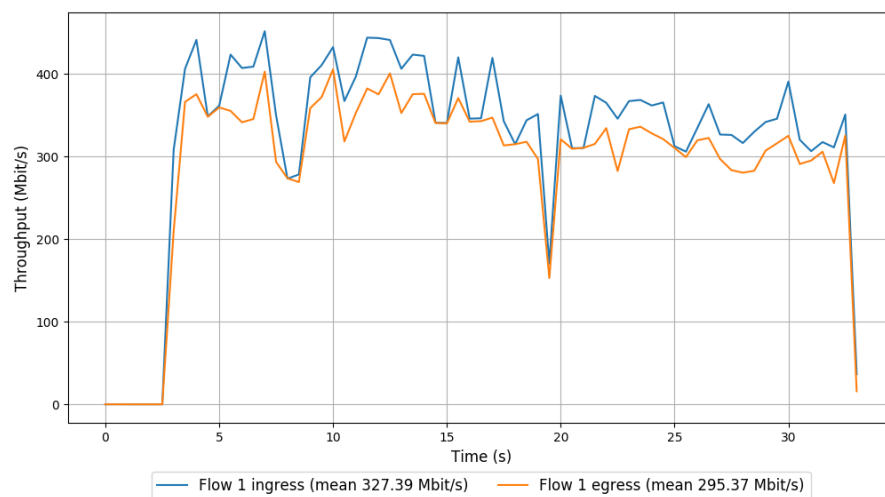
## Run 3: Report of TCP BBR — Data Link



Flow 1 ingress (mean 327.39 Mbit/s)     Flow 1 egress (mean 295.37 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -1.035 ms)

```
Run 4: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 21:38:56 +0000
End at: Fri, 23 Jun 2017 21:39:26 +0000
Local clock offset: 2.603 ms
Remote clock offset: -2.177 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:23:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 321.00 Mbit/s
95th percentile per-packet one-way delay: -2.489 ms
Loss rate: 9.80%
-- Flow 1:
Average throughput: 321.00 Mbit/s
95th percentile per-packet one-way delay: -2.489 ms
Loss rate: 9.80%
```
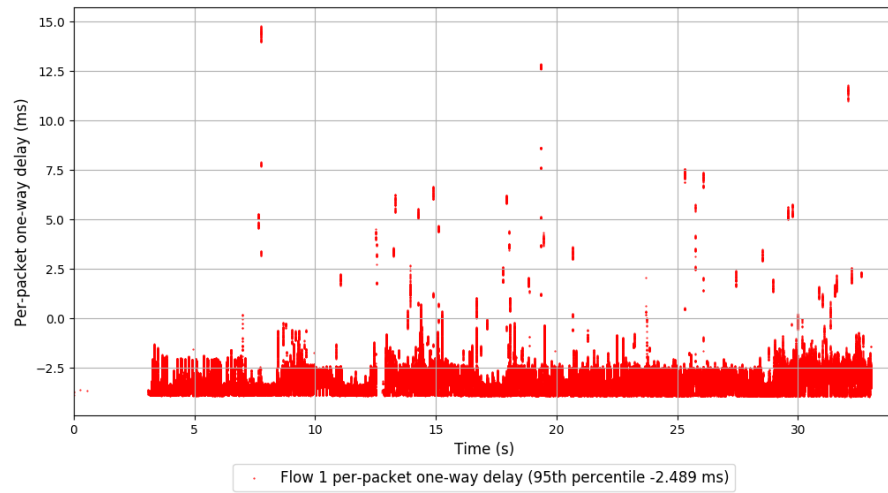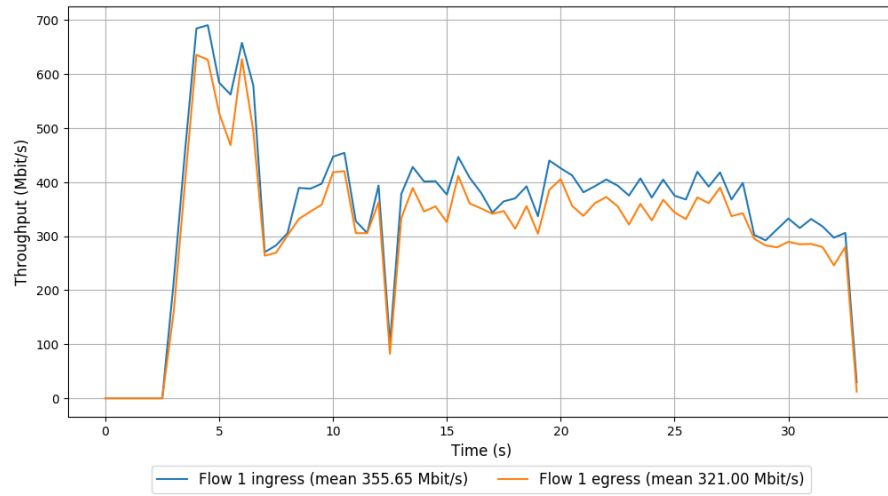
Run 4: Report of TCP BBR — Data Link



Flow 1 ingress (mean 355.65 Mbit/s)    Flow 1 egress (mean 321.00 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -2.489 ms)

```
Run 5: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 21:58:35 +0000
End at: Fri, 23 Jun 2017 21:59:05 +0000
Local clock offset: 3.273 ms
Remote clock offset: -2.496 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:24:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 283.35 Mbit/s
95th percentile per-packet one-way delay: -3.210 ms
Loss rate: 6.85%
-- Flow 1:
Average throughput: 283.35 Mbit/s
95th percentile per-packet one-way delay: -3.210 ms
Loss rate: 6.85%
```
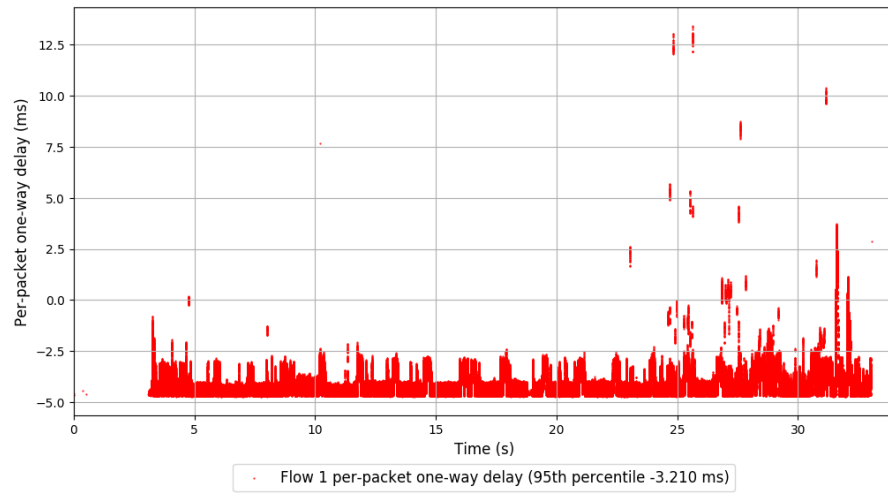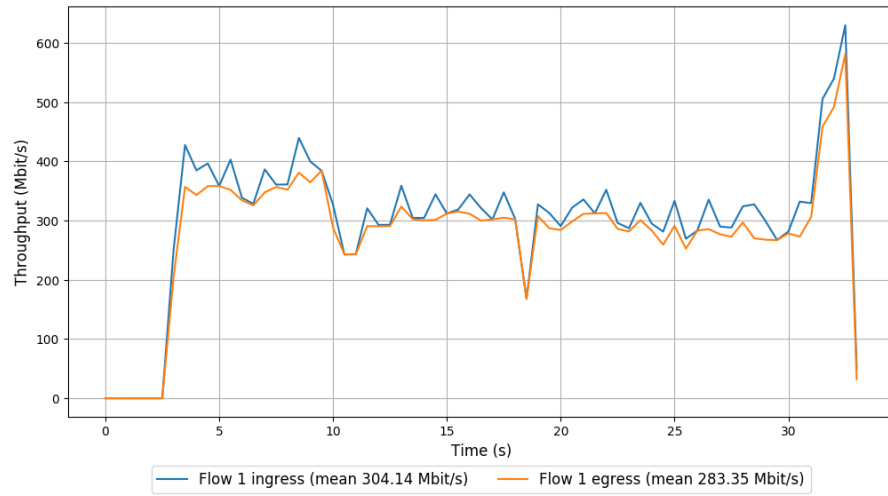
Run 5: Report of TCP BBR — Data Link



Flow 1 ingress (mean 304.14 Mbit/s) — Flow 1 egress (mean 283.35 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -3.210 ms)

```
Run 6: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 22:18:12 +0000
End at: Fri, 23 Jun 2017 22:18:42 +0000
Local clock offset: 3.155 ms
Remote clock offset: -2.669 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:24:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 281.29 Mbit/s
95th percentile per-packet one-way delay: -3.252 ms
Loss rate: 6.45%
-- Flow 1:
Average throughput: 281.29 Mbit/s
95th percentile per-packet one-way delay: -3.252 ms
Loss rate: 6.45%
```
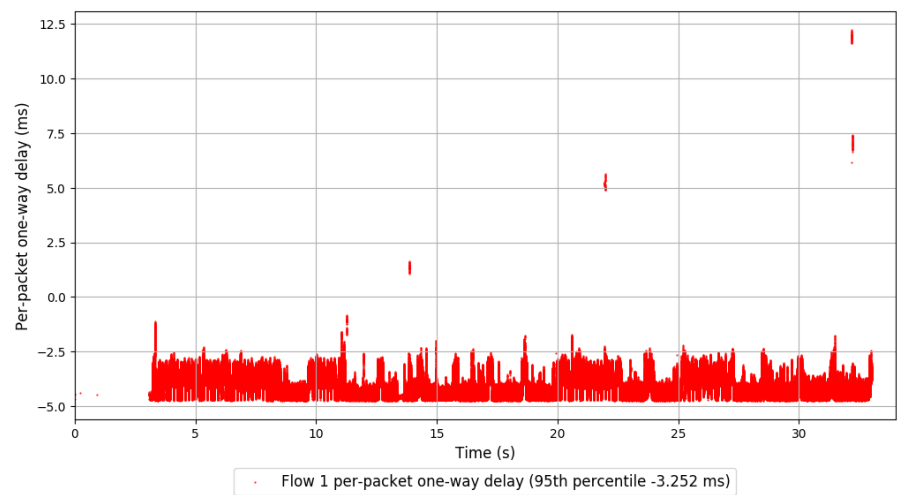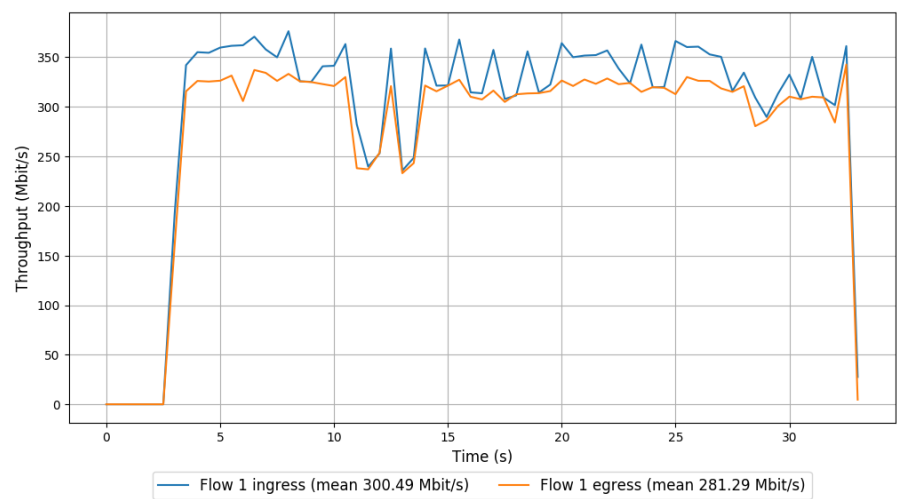
Run 6: Report of TCP BBR — Data Link



Flow 1 ingress (mean 300.49 Mbit/s) — Flow 1 egress (mean 281.29 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -3.252 ms)

```
Run 7: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 22:37:42 +0000
End at: Fri, 23 Jun 2017 22:38:12 +0000
Local clock offset: 2.909 ms
Remote clock offset: -2.683 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:25:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 272.19 Mbit/s
95th percentile per-packet one-way delay: -2.999 ms
Loss rate: 8.43%
-- Flow 1:
Average throughput: 272.19 Mbit/s
95th percentile per-packet one-way delay: -2.999 ms
Loss rate: 8.43%
```
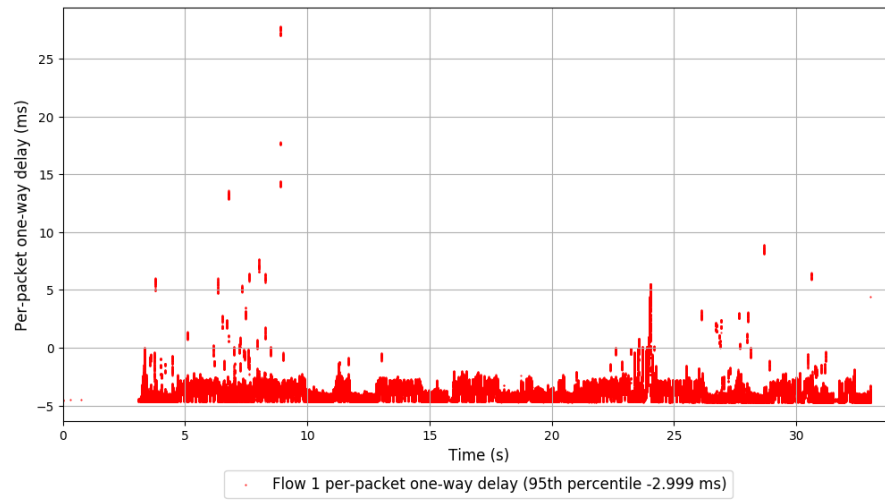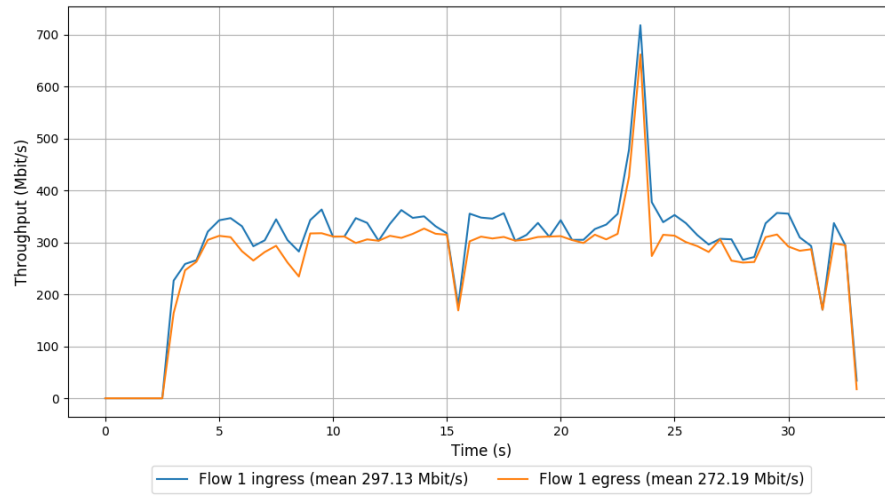
Run 7: Report of TCP BBR — Data Link



Flow 1 ingress (mean 297.13 Mbit/s)    Flow 1 egress (mean 272.19 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -2.999 ms)

```
Run 8: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 22:57:13 +0000
End at: Fri, 23 Jun 2017 22:57:43 +0000
Local clock offset: 4.466 ms
Remote clock offset: -2.679 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:25:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 274.74 Mbit/s
95th percentile per-packet one-way delay: -4.769 ms
Loss rate: 6.01%
-- Flow 1:
Average throughput: 274.74 Mbit/s
95th percentile per-packet one-way delay: -4.769 ms
Loss rate: 6.01%
```
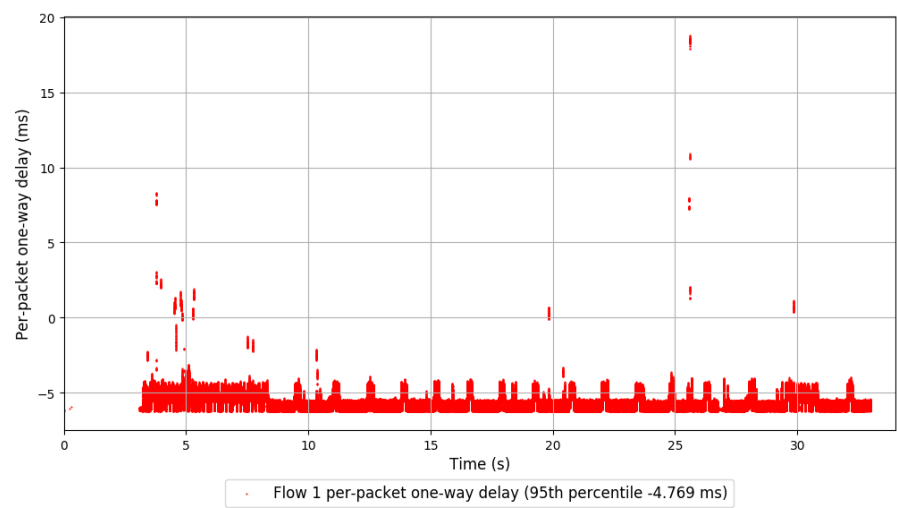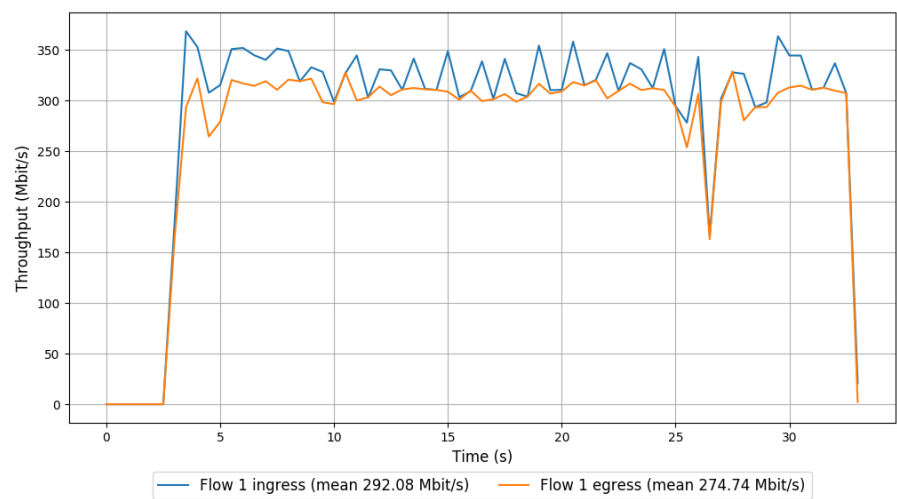
Run 8: Report of TCP BBR — Data Link



Flow 1 ingress (mean 292.08 Mbit/s)     Flow 1 egress (mean 274.74 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -4.769 ms)

```
Run 9: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 23:16:29 +0000
End at: Fri, 23 Jun 2017 23:16:59 +0000
Local clock offset: 4.108 ms
Remote clock offset: -2.308 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:25:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 277.51 Mbit/s
95th percentile per-packet one-way delay: -3.760 ms
Loss rate: 7.93%
-- Flow 1:
Average throughput: 277.51 Mbit/s
95th percentile per-packet one-way delay: -3.760 ms
Loss rate: 7.93%
```
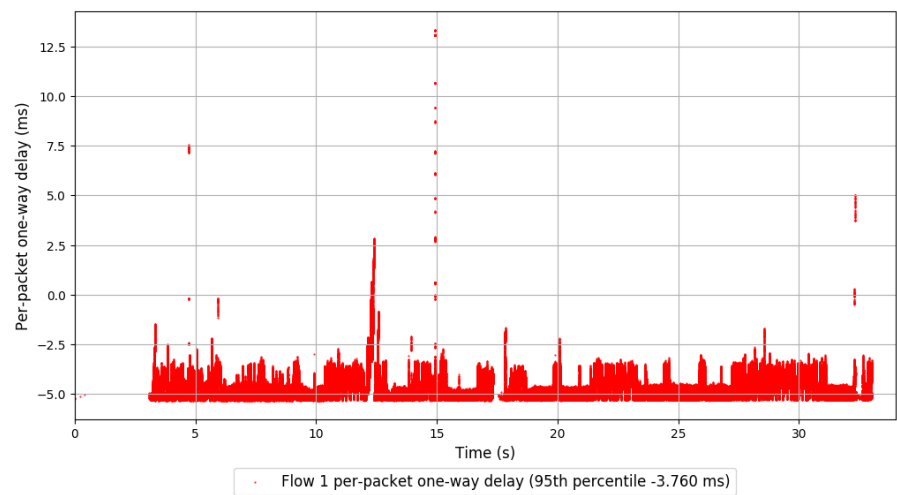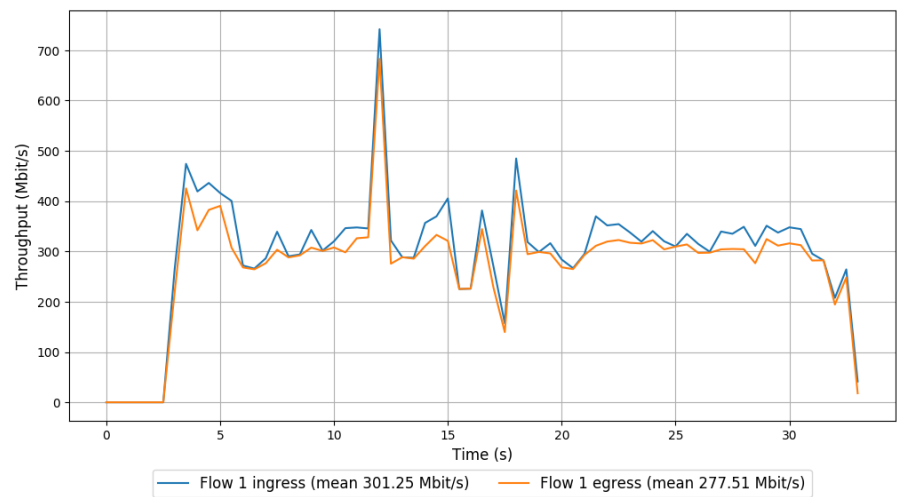
Run 9: Report of TCP BBR — Data Link



Flow 1 ingress (mean 301.25 Mbit/s) ——— Flow 1 egress (mean 277.51 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -3.760 ms)

```
Run 10: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 23:36:13 +0000
End at: Fri, 23 Jun 2017 23:36:43 +0000
Local clock offset: 3.318 ms
Remote clock offset: -2.251 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:26:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 315.50 Mbit/s
95th percentile per-packet one-way delay: -0.085 ms
Loss rate: 7.96%
-- Flow 1:
Average throughput: 315.50 Mbit/s
95th percentile per-packet one-way delay: -0.085 ms
Loss rate: 7.96%
```
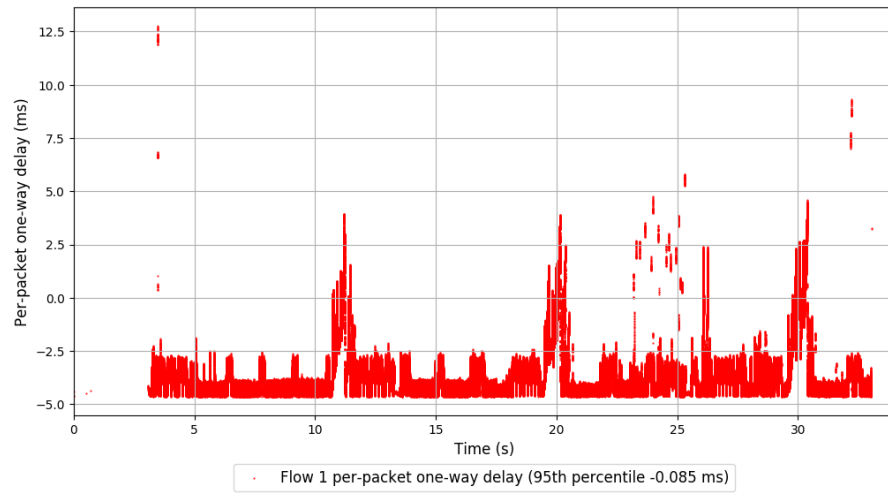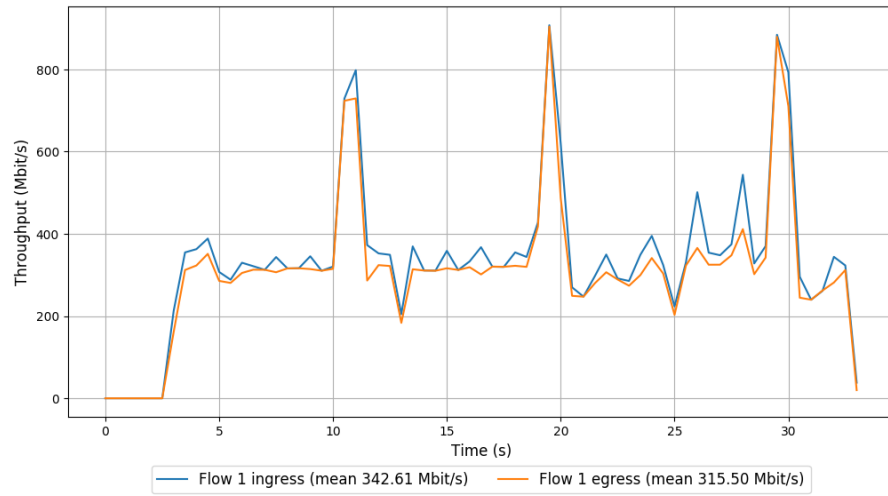
Run 10: Report of TCP BBR — Data Link



Flow 1 ingress (mean 342.61 Mbit/s) — Flow 1 egress (mean 315.50 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -0.085 ms)

```
Run 1: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 20:50:22 +0000
End at: Fri, 23 Jun 2017 20:50:52 +0000
Local clock offset: 1.987 ms
Remote clock offset: -1.597 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:26:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 369.81 Mbit/s
95th percentile per-packet one-way delay: 0.070 ms
Loss rate: 52.79%
-- Flow 1:
Average throughput: 369.81 Mbit/s
95th percentile per-packet one-way delay: 0.070 ms
Loss rate: 52.79%
```
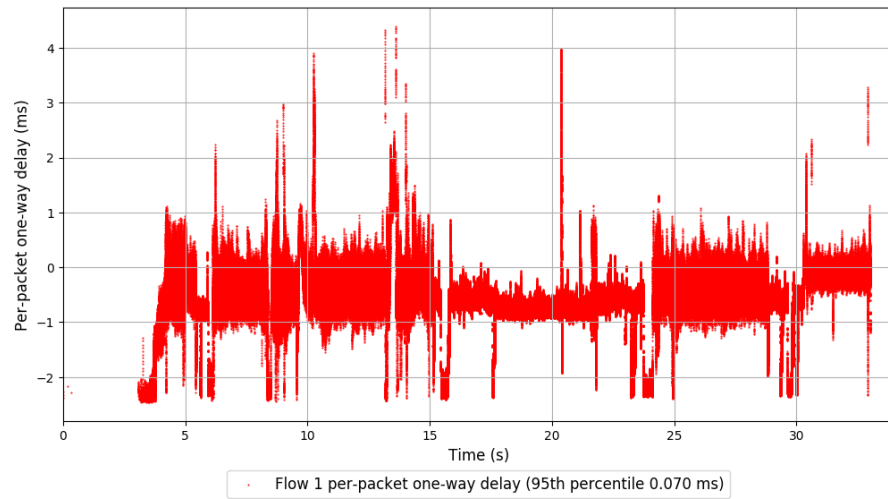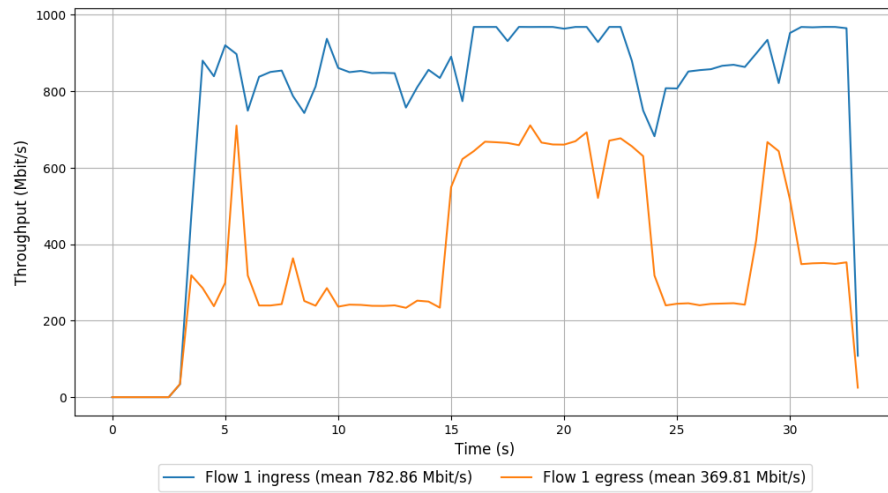
Run 1: Report of CalibratedKoho — Data Link



Flow 1 ingress (mean 782.86 Mbit/s)  Flow 1 egress (mean 369.81 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile 0.070 ms)

```
Run 2: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 21:10:17 +0000
End at: Fri, 23 Jun 2017 21:10:47 +0000
Local clock offset: 1.87 ms
Remote clock offset: -1.86 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:26:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 277.98 Mbit/s
95th percentile per-packet one-way delay: 1.938 ms
Loss rate: 63.41%
-- Flow 1:
Average throughput: 277.98 Mbit/s
95th percentile per-packet one-way delay: 1.938 ms
Loss rate: 63.41%
```
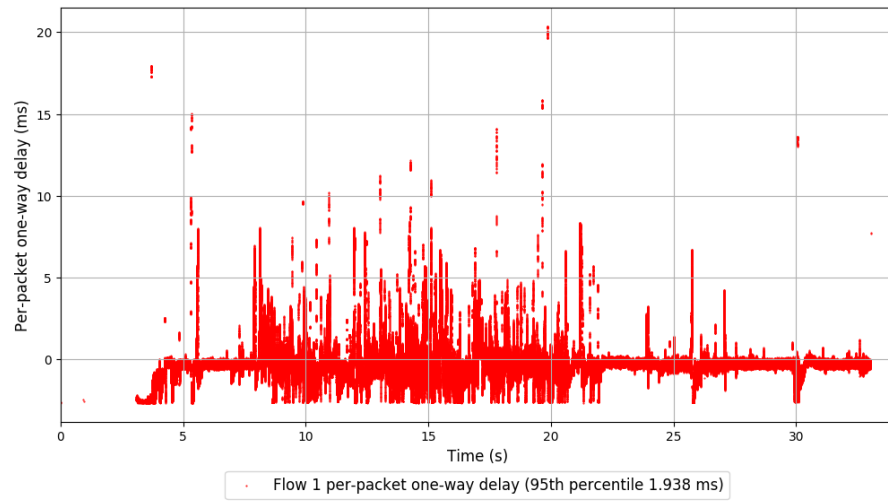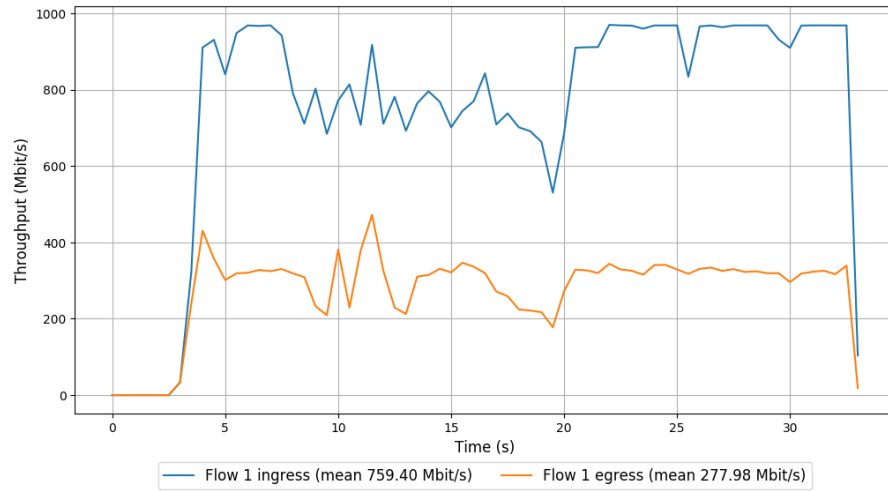
Run 2: Report of CalibratedKoho — Data Link



Flow 1 ingress (mean 759.40 Mbit/s) — Flow 1 egress (mean 277.98 Mbit/s)



· Flow 1 per-packet one-way delay (95th percentile 1.938 ms)

27

```
Run 3: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 21:29:50 +0000
End at: Fri, 23 Jun 2017 21:30:20 +0000
Local clock offset: 1.219 ms
Remote clock offset: -2.066 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:27:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 311.18 Mbit/s
95th percentile per-packet one-way delay: 3.162 ms
Loss rate: 58.87%
-- Flow 1:
Average throughput: 311.18 Mbit/s
95th percentile per-packet one-way delay: 3.162 ms
Loss rate: 58.87%
```
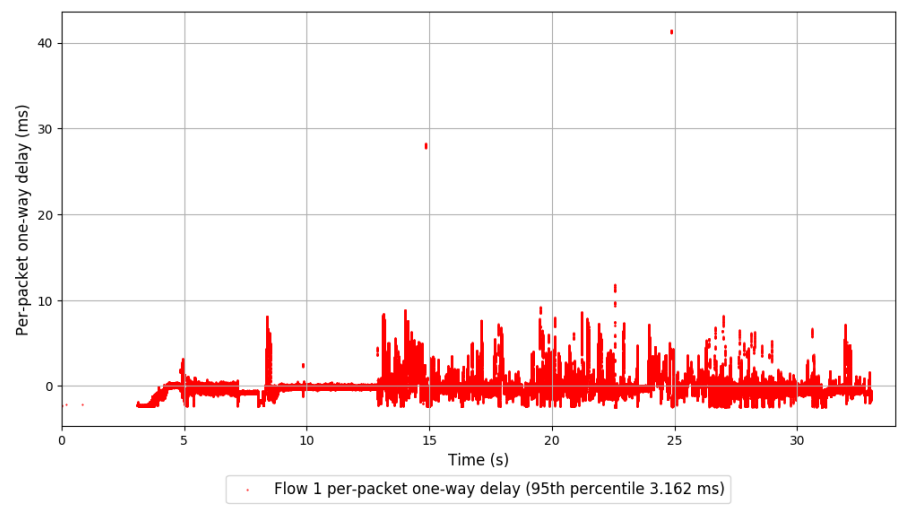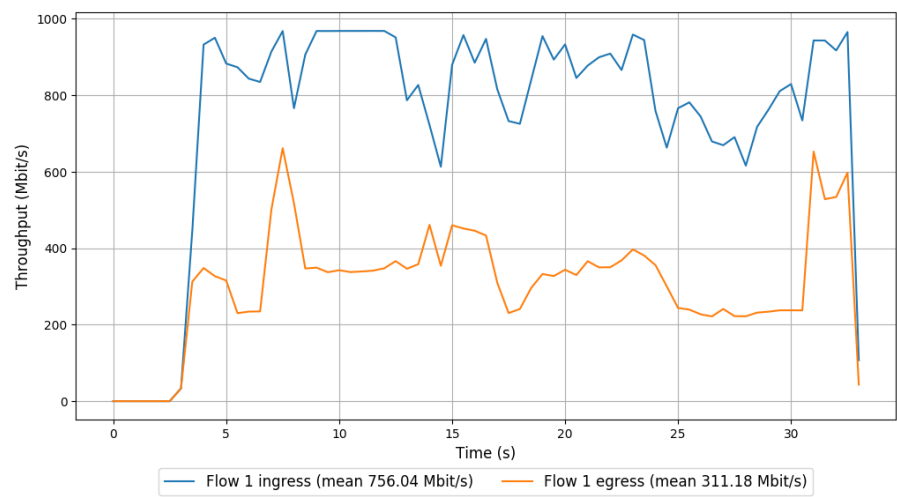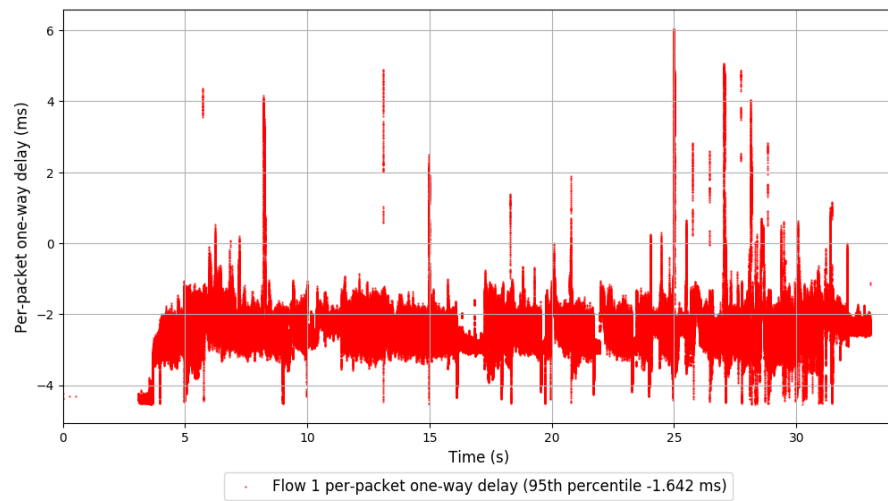
Run 3: Report of CalibratedKoho — Data Link



Flow 1 ingress (mean 756.04 Mbit/s) — Flow 1 egress (mean 311.18 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile 3.162 ms)

```
Run 4: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 21:49:22 +0000
End at: Fri, 23 Jun 2017 21:49:52 +0000
Local clock offset: 3.175 ms
Remote clock offset: -2.402 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:27:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 269.23 Mbit/s
95th percentile per-packet one-way delay: -1.642 ms
Loss rate: 65.78%
-- Flow 1:
Average throughput: 269.23 Mbit/s
95th percentile per-packet one-way delay: -1.642 ms
Loss rate: 65.78%
```
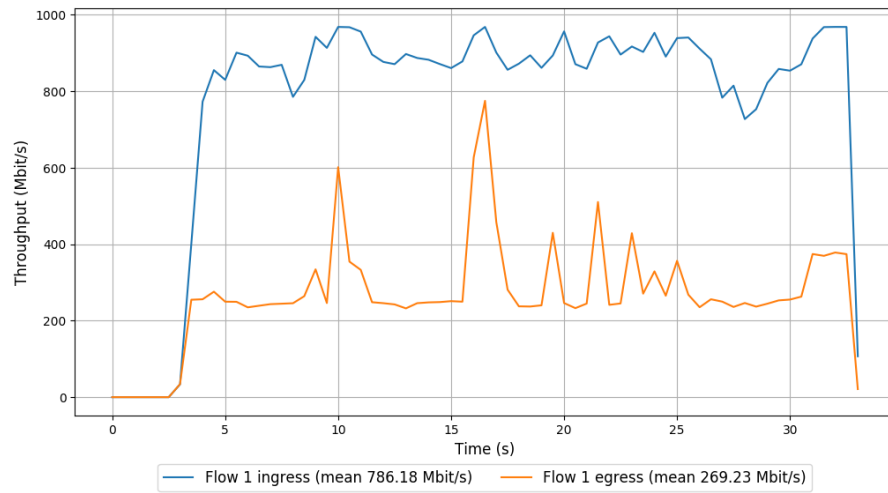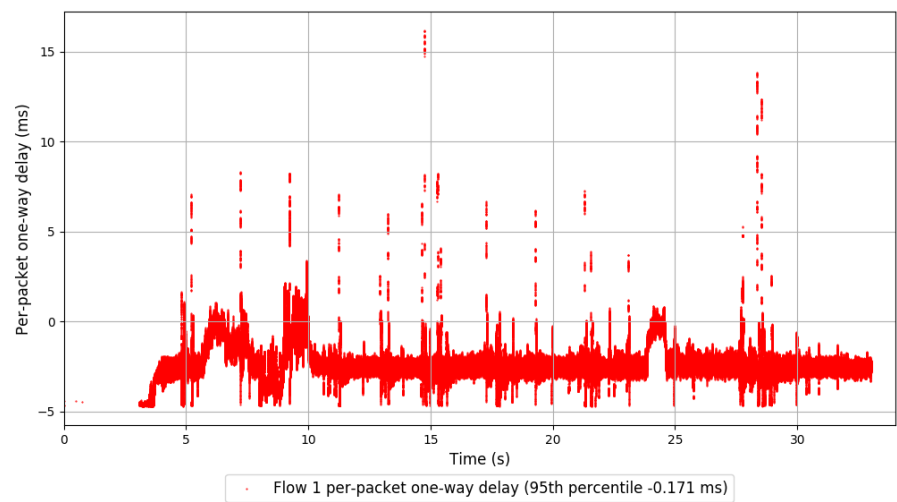
Run 4: Report of CalibratedKoho — Data Link



Flow 1 ingress (mean 786.18 Mbit/s) —— Flow 1 egress (mean 269.23 Mbit/s)



· Flow 1 per-packet one-way delay (95th percentile -1.642 ms)

```
Run 5: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 22:08:58 +0000
End at: Fri, 23 Jun 2017 22:09:28 +0000
Local clock offset: 3.149 ms
Remote clock offset: -2.489 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:28:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 225.86 Mbit/s
95th percentile per-packet one-way delay: -0.171 ms
Loss rate: 68.17%
-- Flow 1:
Average throughput: 225.86 Mbit/s
95th percentile per-packet one-way delay: -0.171 ms
Loss rate: 68.17%
```
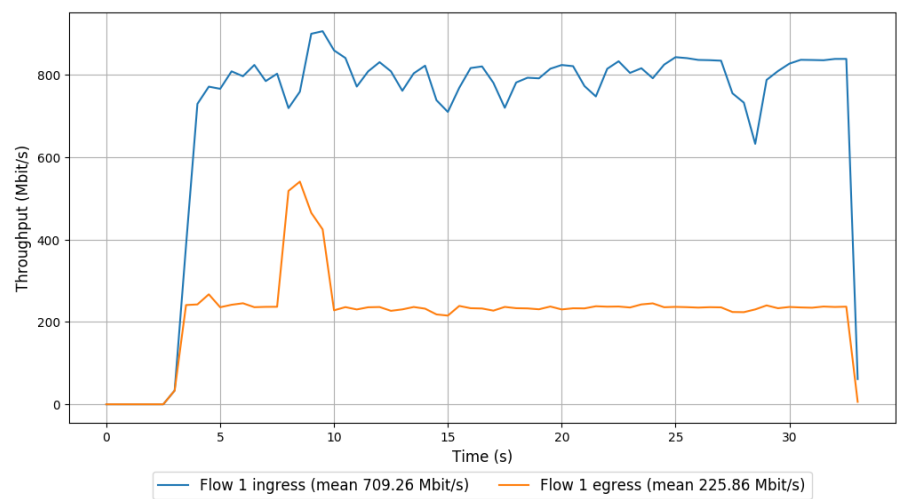
Run 5: Report of CalibratedKoho — Data Link

```
Run 6: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 22:28:22 +0000
End at: Fri, 23 Jun 2017 22:28:52 +0000
Local clock offset: 3.042 ms
Remote clock offset: -2.816 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:28:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 326.34 Mbit/s
95th percentile per-packet one-way delay: 1.349 ms
Loss rate: 57.79%
-- Flow 1:
Average throughput: 326.34 Mbit/s
95th percentile per-packet one-way delay: 1.349 ms
Loss rate: 57.79%
```
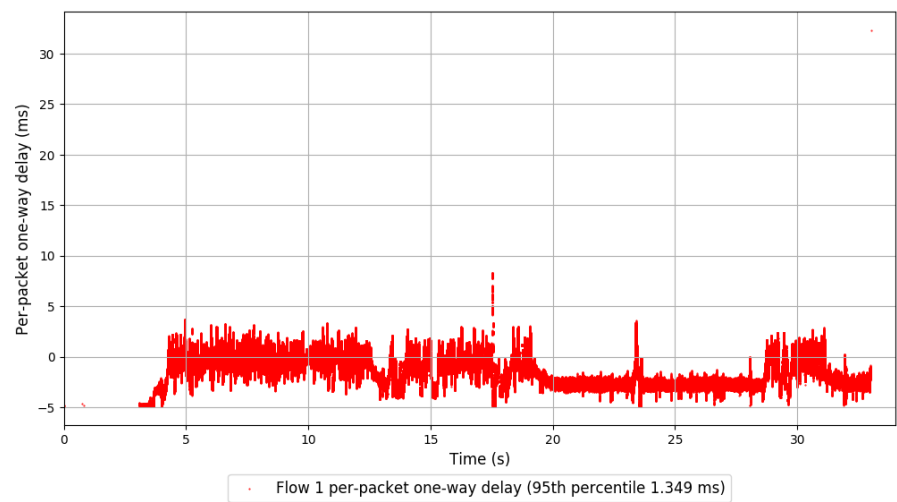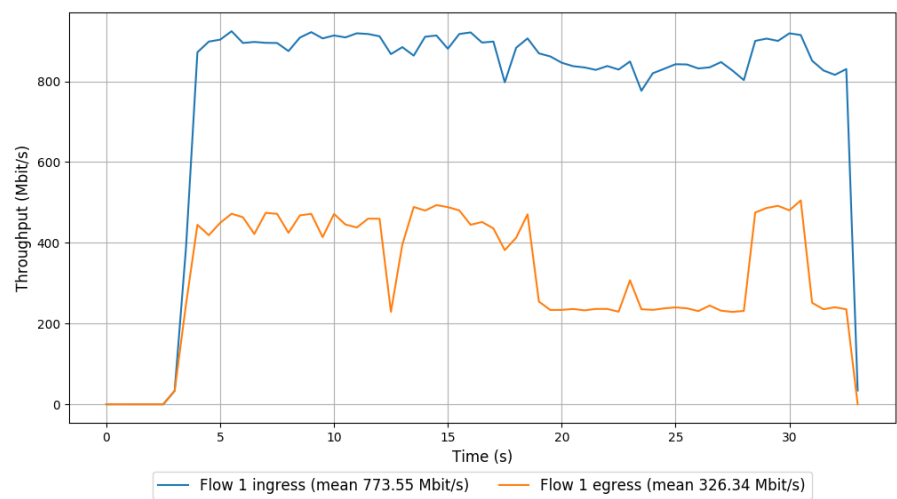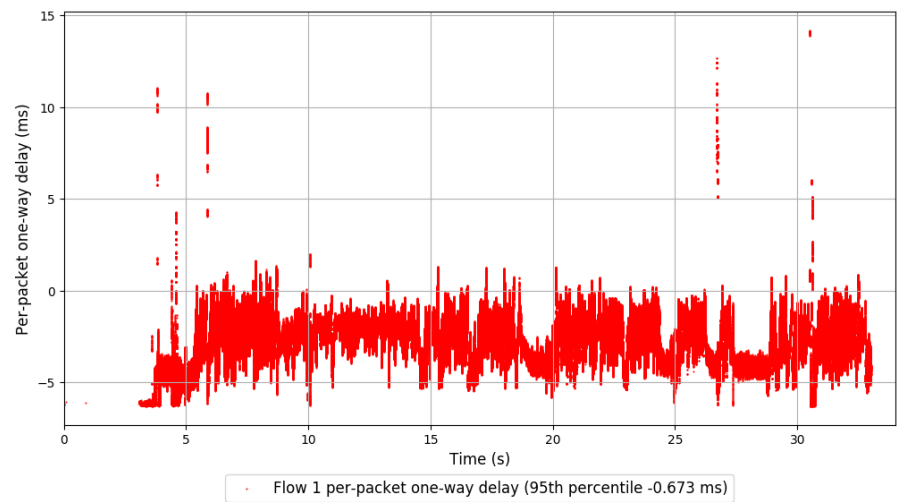
Run 6: Report of CalibratedKoho — Data Link



Flow 1 ingress (mean 773.55 Mbit/s) — Flow 1 egress (mean 326.34 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile 1.349 ms)

```
Run 7: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 22:47:58 +0000
End at: Fri, 23 Jun 2017 22:48:28 +0000
Local clock offset: 4.534 ms
Remote clock offset: -2.771 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:29:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 357.31 Mbit/s
95th percentile per-packet one-way delay: -0.673 ms
Loss rate: 53.73%
-- Flow 1:
Average throughput: 357.31 Mbit/s
95th percentile per-packet one-way delay: -0.673 ms
Loss rate: 53.73%
```
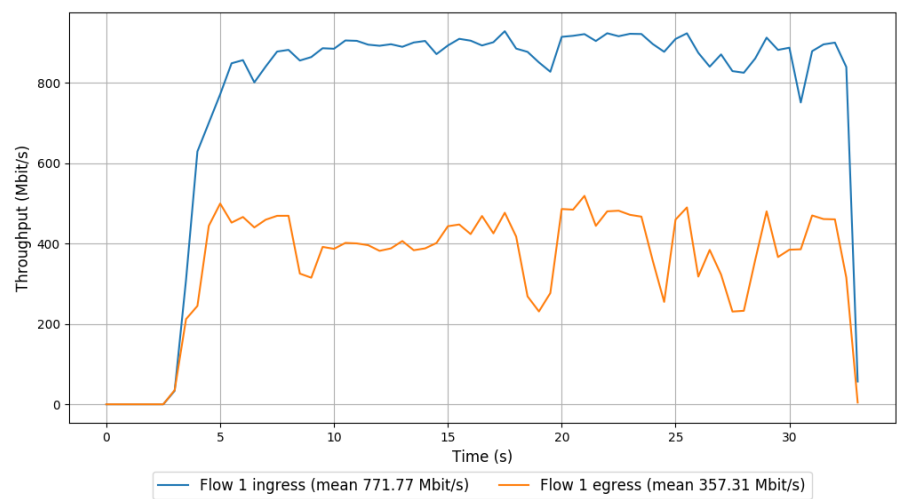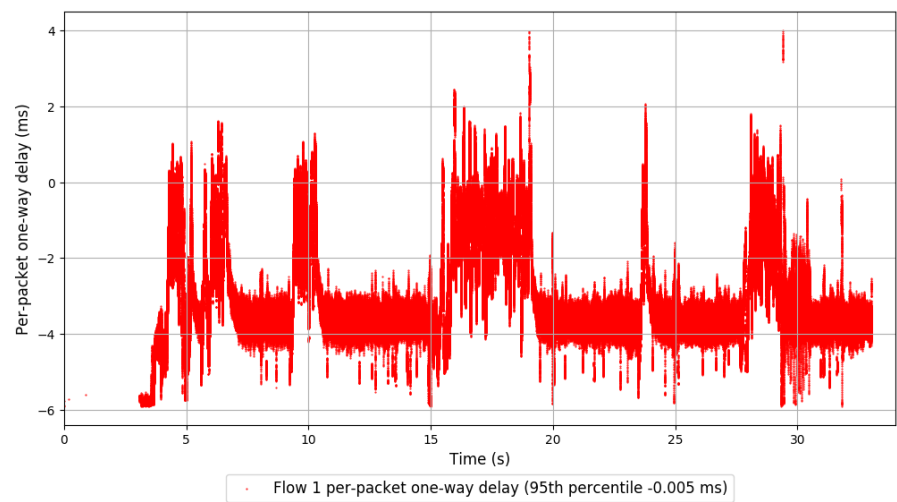
Run 7: Report of CalibratedKoho — Data Link



Flow 1 ingress (mean 771.77 Mbit/s)     Flow 1 egress (mean 357.31 Mbit/s)



·   Flow 1 per-packet one-way delay (95th percentile -0.673 ms)

```
Run 8: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 23:07:15 +0000
End at: Fri, 23 Jun 2017 23:07:45 +0000
Local clock offset: 4.481 ms
Remote clock offset: -2.493 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:29:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 267.25 Mbit/s
95th percentile per-packet one-way delay: -0.005 ms
Loss rate: 64.36%
-- Flow 1:
Average throughput: 267.25 Mbit/s
95th percentile per-packet one-way delay: -0.005 ms
Loss rate: 64.36%
```
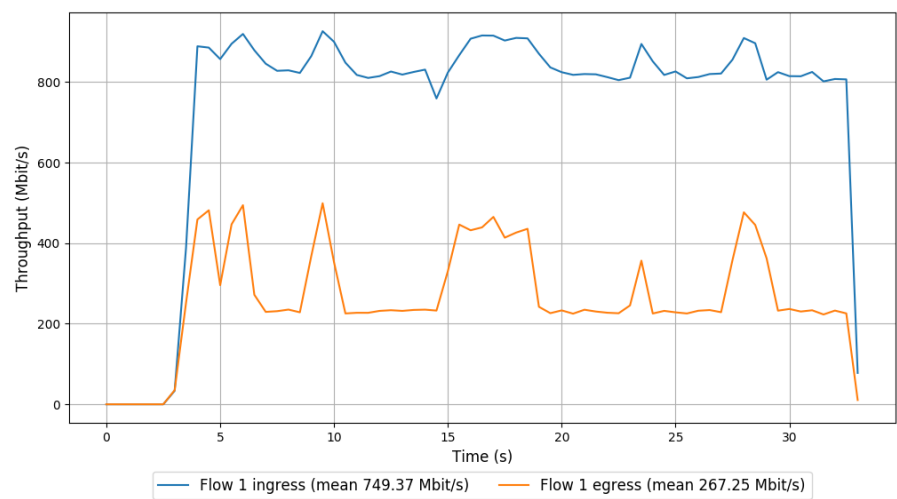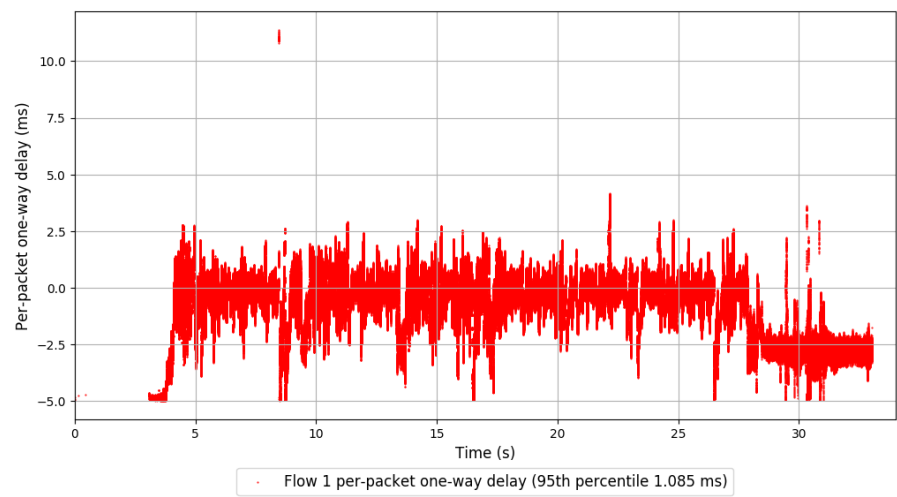
Run 8: Report of CalibratedKoho — Data Link

```
Run 9: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 23:26:54 +0000
End at: Fri, 23 Jun 2017 23:27:24 +0000
Local clock offset: 3.754 ms
Remote clock offset: -2.215 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:30:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 315.59 Mbit/s
95th percentile per-packet one-way delay: 1.085 ms
Loss rate: 58.97%
-- Flow 1:
Average throughput: 315.59 Mbit/s
95th percentile per-packet one-way delay: 1.085 ms
Loss rate: 58.97%
```
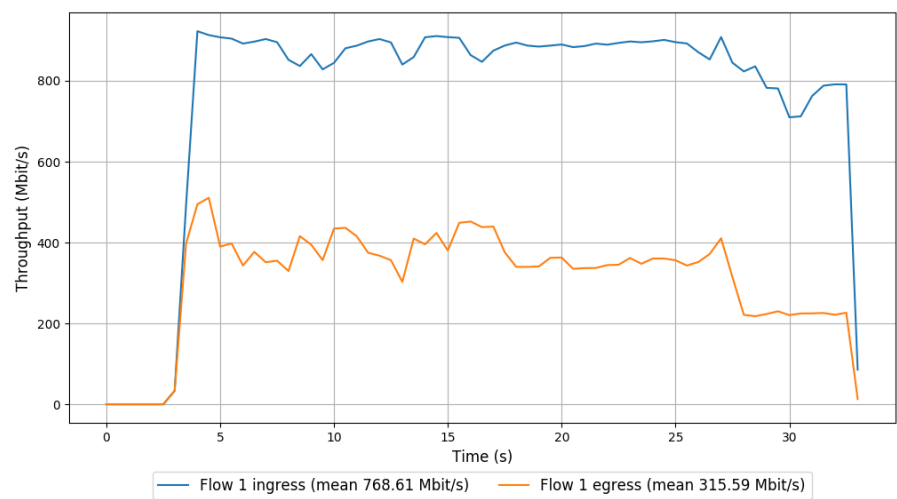
Run 9: Report of CalibratedKoho — Data Link



Flow 1 ingress (mean 768.61 Mbit/s) ———— Flow 1 egress (mean 315.59 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile 1.085 ms)

```
Run 10: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 23:46:25 +0000
End at: Fri, 23 Jun 2017 23:46:55 +0000
Local clock offset: 2.959 ms
Remote clock offset: -2.46 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:30:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 298.21 Mbit/s
95th percentile per-packet one-way delay: 1.229 ms
Loss rate: 60.75%
-- Flow 1:
Average throughput: 298.21 Mbit/s
95th percentile per-packet one-way delay: 1.229 ms
Loss rate: 60.75%
```
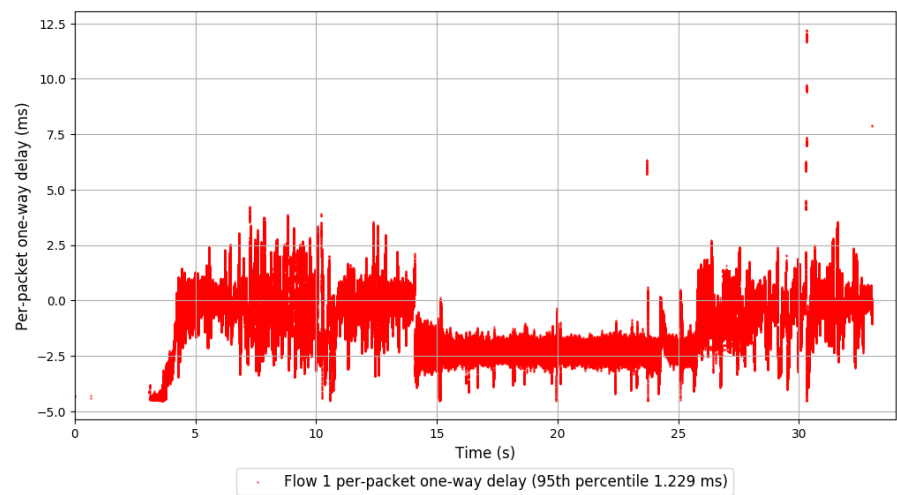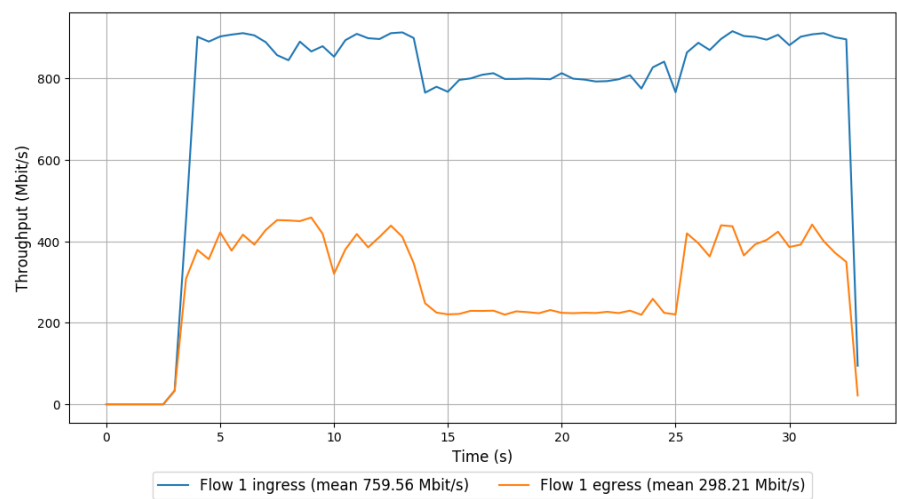
Run 10: Report of CalibratedKoho — Data Link

```
Run 1: Statistics of Copa

Start at: Fri, 23 Jun 2017 20:41:39 +0000
End at: Fri, 23 Jun 2017 20:42:09 +0000
Local clock offset: 3.057 ms
Remote clock offset: -1.712 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:30:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.65 Mbit/s
95th percentile per-packet one-way delay: -3.377 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 86.65 Mbit/s
95th percentile per-packet one-way delay: -3.377 ms
Loss rate: 0.25%
```
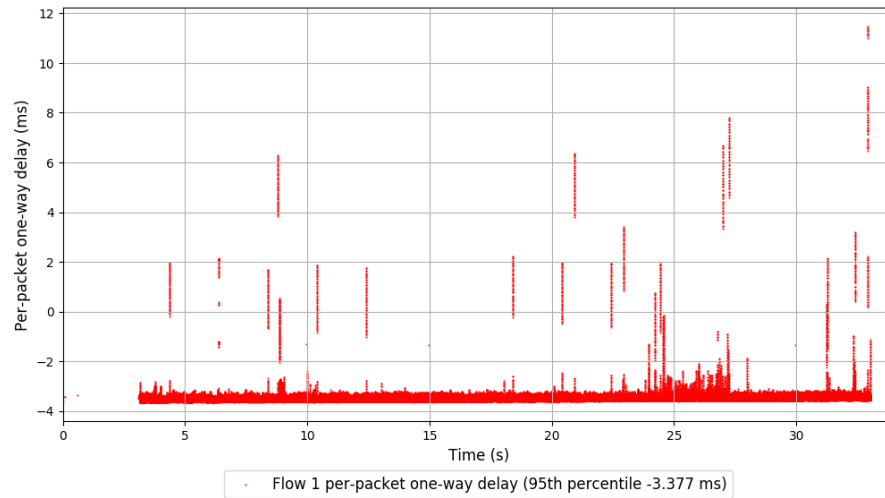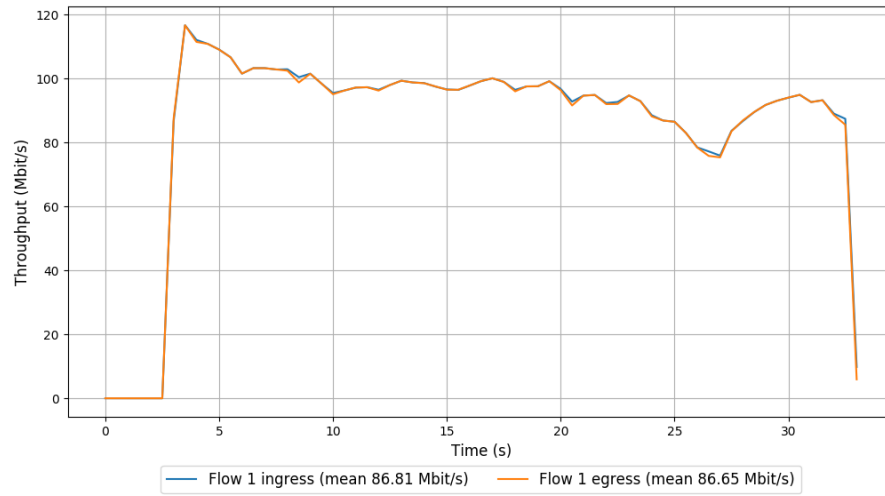
Run 1: Report of Copa — Data Link

```
Run 2: Statistics of Copa

Start at: Fri, 23 Jun 2017 21:01:18 +0000
End at: Fri, 23 Jun 2017 21:01:48 +0000
Local clock offset: 2.402 ms
Remote clock offset: -1.564 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:30:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.68 Mbit/s
95th percentile per-packet one-way delay: -2.183 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 42.68 Mbit/s
95th percentile per-packet one-way delay: -2.183 ms
Loss rate: 1.38%
```
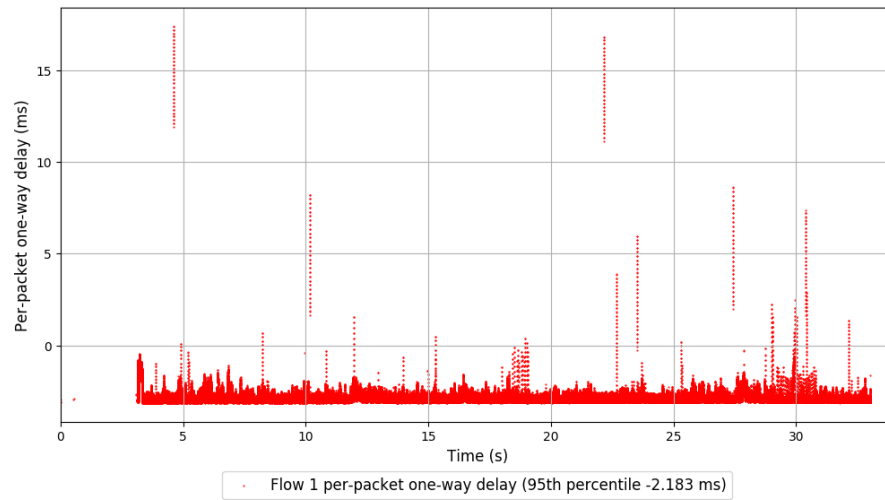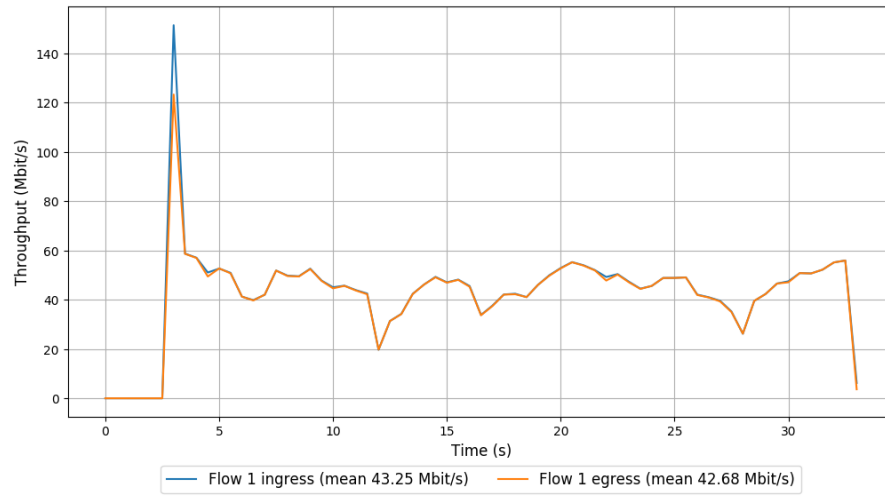
Run 2: Report of Copa — Data Link



Flow 1 ingress (mean 43.25 Mbit/s) —— Flow 1 egress (mean 42.68 Mbit/s)



· Flow 1 per-packet one-way delay (95th percentile -2.183 ms)

```
Run 3: Statistics of Copa

Start at: Fri, 23 Jun 2017 21:21:06 +0000
End at: Fri, 23 Jun 2017 21:21:36 +0000
Local clock offset: 1.47 ms
Remote clock offset: -1.946 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:31:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.57 Mbit/s
95th percentile per-packet one-way delay: -2.308 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 78.57 Mbit/s
95th percentile per-packet one-way delay: -2.308 ms
Loss rate: 0.30%
```
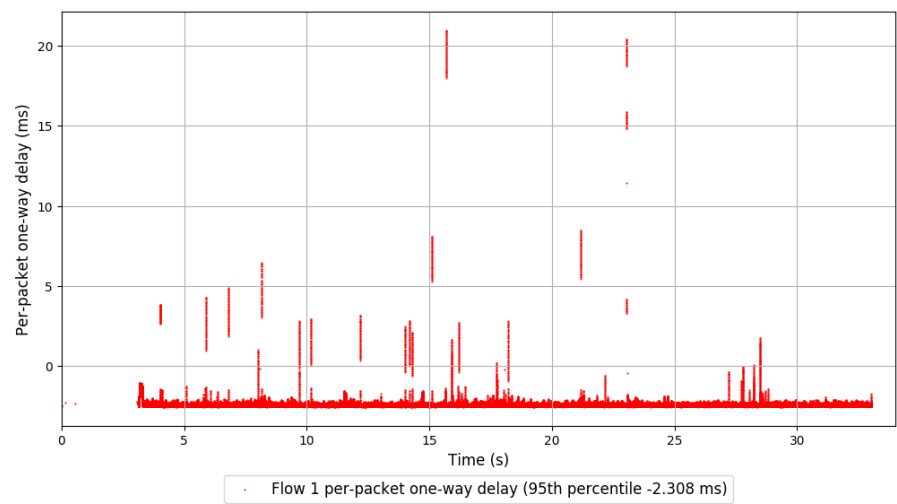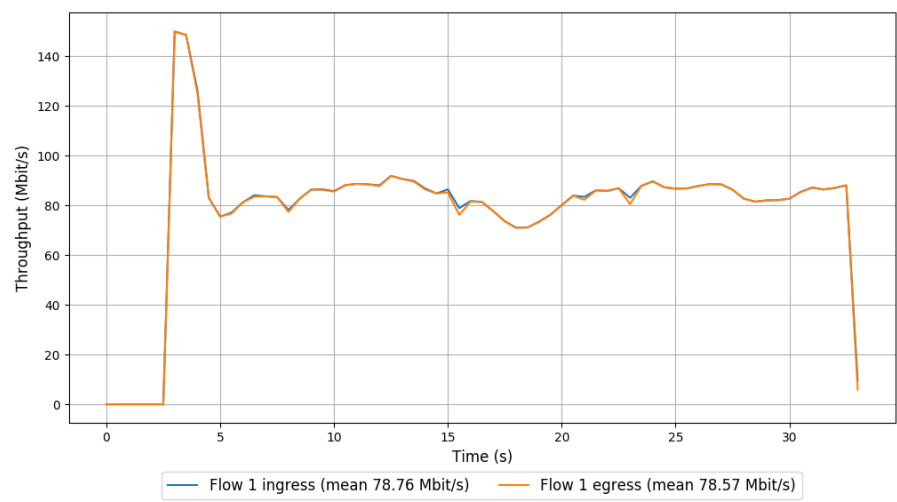
Run 3: Report of Copa — Data Link



Flow 1 ingress (mean 78.76 Mbit/s) —— Flow 1 egress (mean 78.57 Mbit/s)



· Flow 1 per-packet one-way delay (95th percentile -2.308 ms)

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```
Run 4: Statistics of Copa

Start at: Fri, 23 Jun 2017 21:40:26 +0000
End at: Fri, 23 Jun 2017 21:40:56 +0000
Local clock offset: 2.84 ms
Remote clock offset: -2.233 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:31:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.89 Mbit/s
95th percentile per-packet one-way delay: -3.896 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 61.89 Mbit/s
95th percentile per-packet one-way delay: -3.896 ms
Loss rate: 0.20%
```
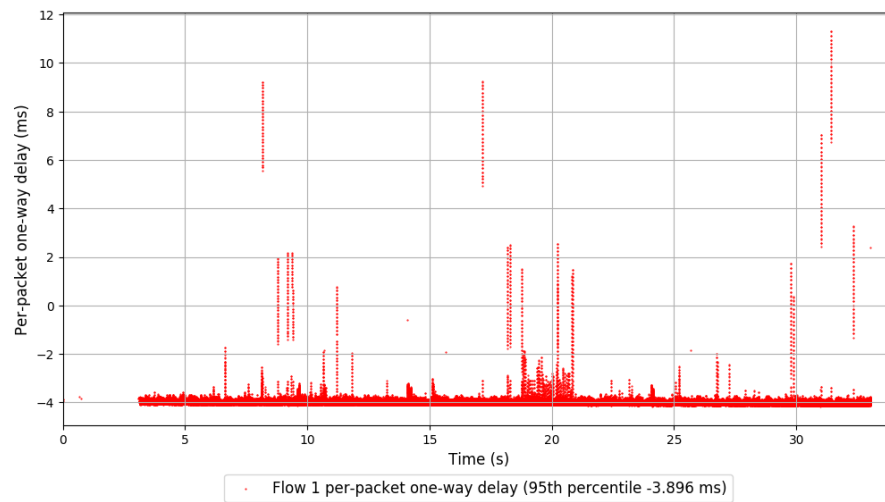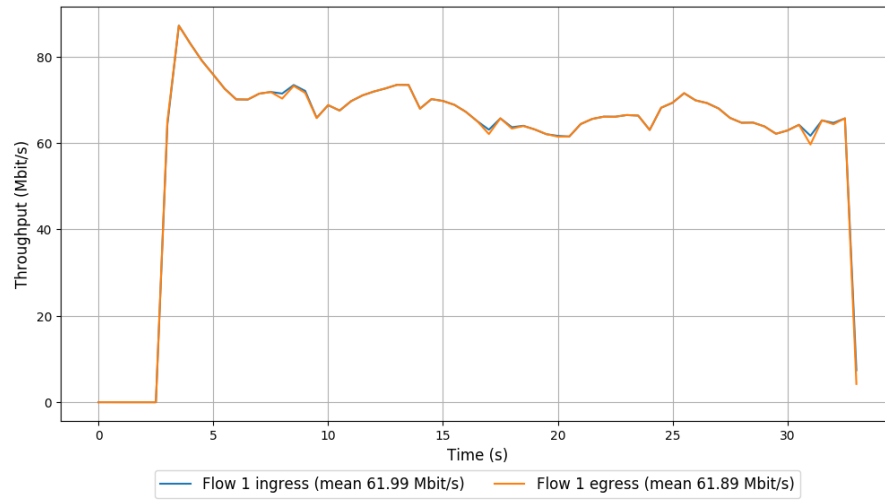
Run 4: Report of Copa — Data Link



Flow 1 ingress (mean 61.99 Mbit/s)    Flow 1 egress (mean 61.89 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -3.896 ms)

```
Run 5: Statistics of Copa

Start at: Fri, 23 Jun 2017 22:00:02 +0000
End at: Fri, 23 Jun 2017 22:00:32 +0000
Local clock offset: 3.263 ms
Remote clock offset: -2.467 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:31:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.15 Mbit/s
95th percentile per-packet one-way delay: -4.523 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 74.15 Mbit/s
95th percentile per-packet one-way delay: -4.523 ms
Loss rate: 0.59%
```
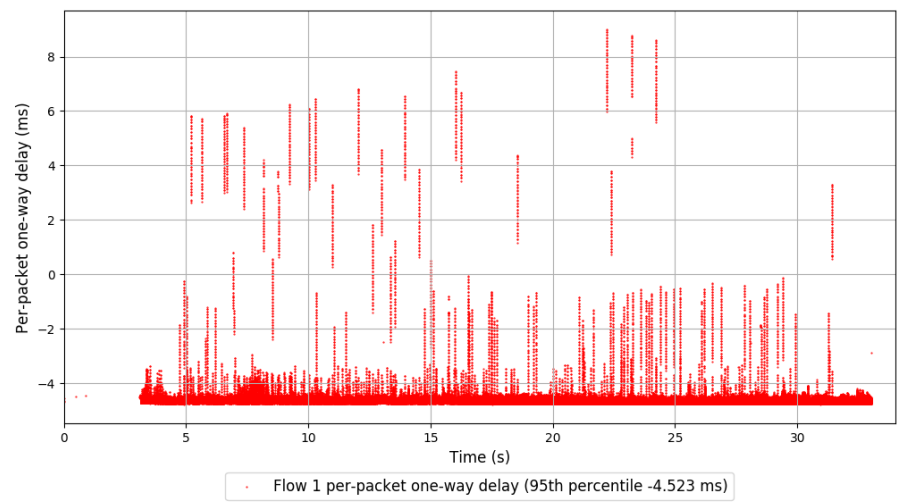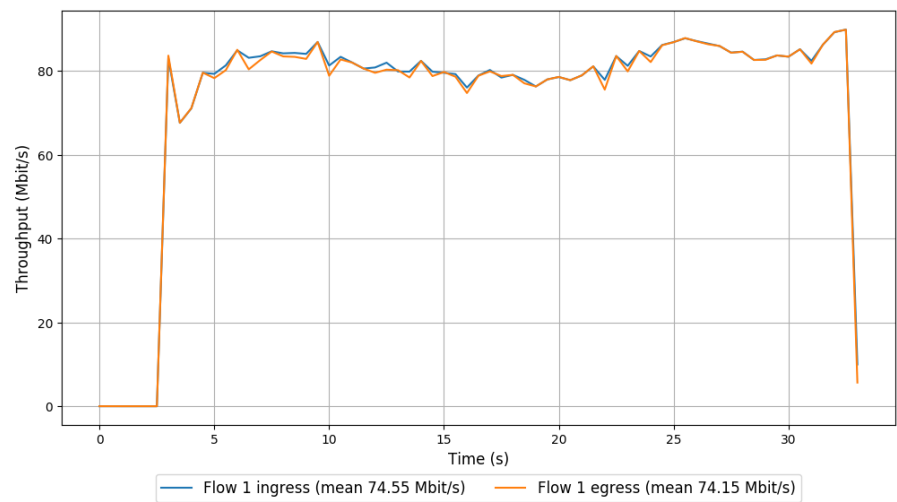
Run 5: Report of Copa — Data Link



Flow 1 ingress (mean 74.55 Mbit/s) —— Flow 1 egress (mean 74.15 Mbit/s)



· Flow 1 per-packet one-way delay (95th percentile -4.523 ms)

```
Run 6: Statistics of Copa

Start at: Fri, 23 Jun 2017 22:19:40 +0000
End at: Fri, 23 Jun 2017 22:20:10 +0000
Local clock offset: 3.009 ms
Remote clock offset: -2.686 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:31:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.80 Mbit/s
95th percentile per-packet one-way delay: -4.474 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 65.80 Mbit/s
95th percentile per-packet one-way delay: -4.474 ms
Loss rate: 0.29%
```
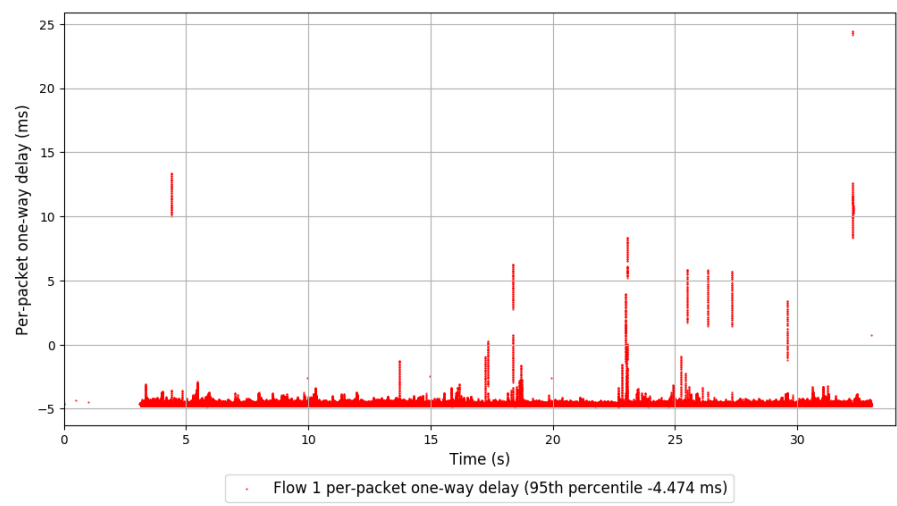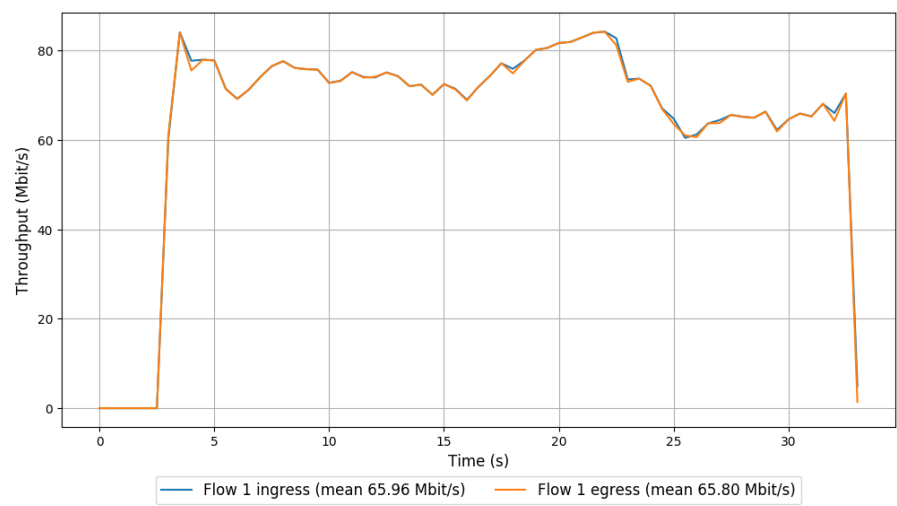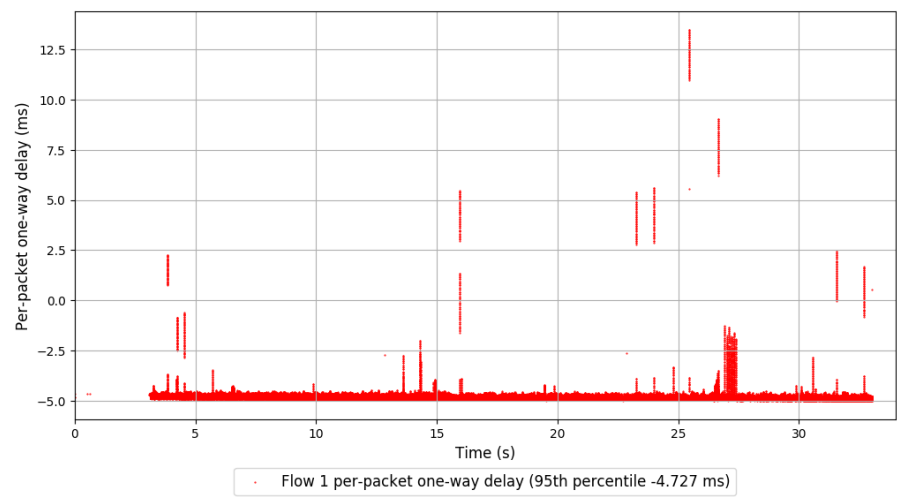
# Run 6: Report of Copa — Data Link



Flow 1 ingress (mean 65.96 Mbit/s) — Flow 1 egress (mean 65.80 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -4.474 ms)

```
Run 7: Statistics of Copa

Start at: Fri, 23 Jun 2017 22:39:09 +0000
End at: Fri, 23 Jun 2017 22:39:39 +0000
Local clock offset: 3.137 ms
Remote clock offset: -2.687 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:31:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.50 Mbit/s
95th percentile per-packet one-way delay: -4.727 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 85.50 Mbit/s
95th percentile per-packet one-way delay: -4.727 ms
Loss rate: 0.27%
```
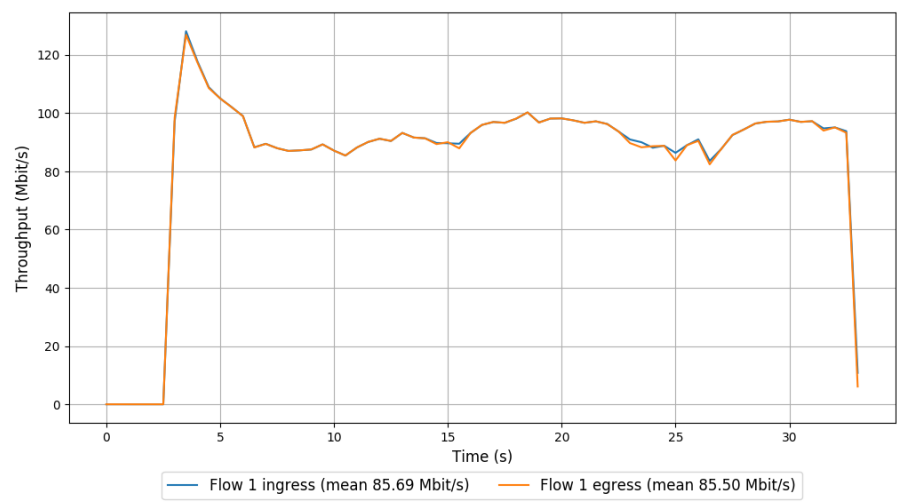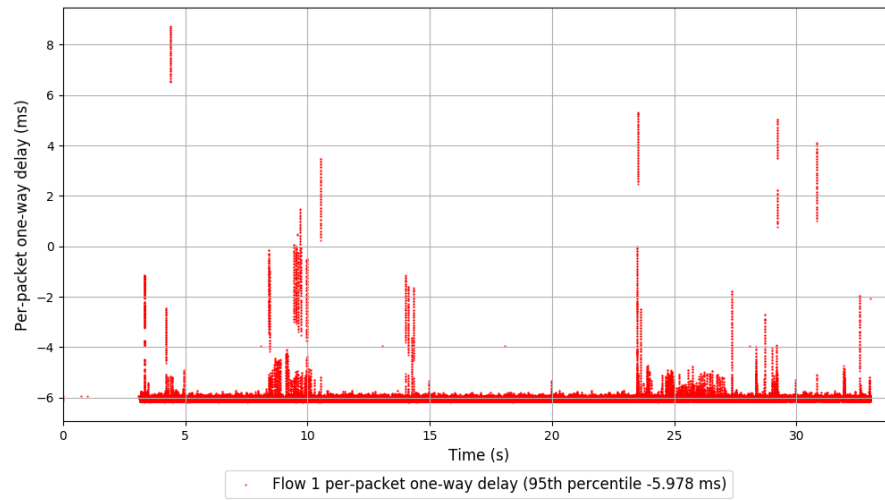
Run 7: Report of Copa — Data Link



Flow 1 ingress (mean 85.69 Mbit/s)     Flow 1 egress (mean 85.50 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -4.727 ms)

```
Run 8: Statistics of Copa

Start at: Fri, 23 Jun 2017 22:58:39 +0000
End at: Fri, 23 Jun 2017 22:59:09 +0000
Local clock offset: 4.509 ms
Remote clock offset: -2.647 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:31:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.82 Mbit/s
95th percentile per-packet one-way delay: -5.978 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 79.82 Mbit/s
95th percentile per-packet one-way delay: -5.978 ms
Loss rate: 0.26%
```
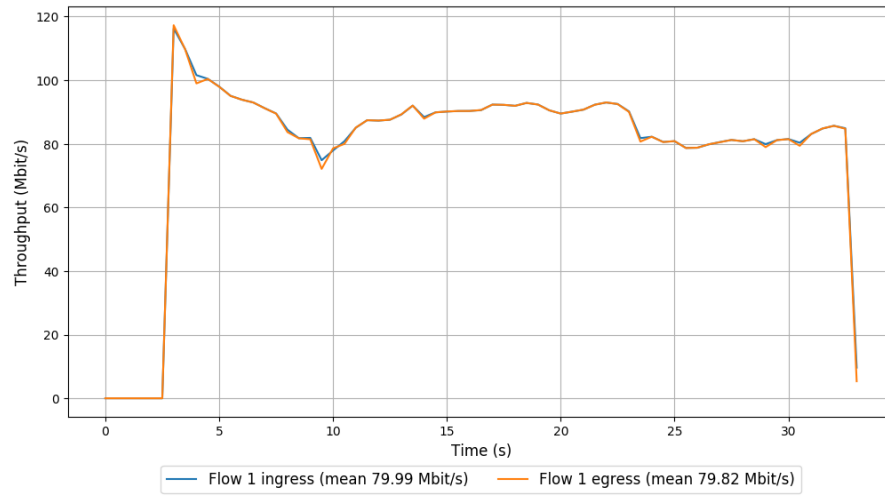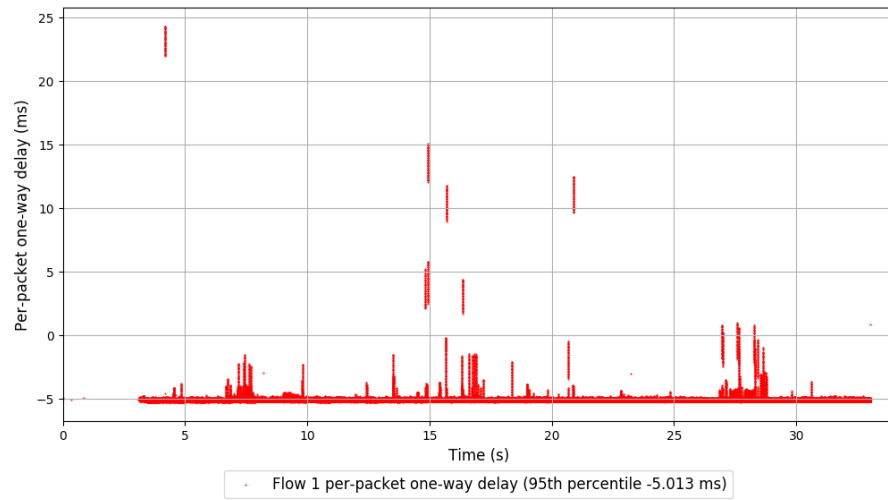
Run 8: Report of Copa — Data Link



Flow 1 ingress (mean 79.99 Mbit/s)    Flow 1 egress (mean 79.82 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -5.978 ms)

```
Run 9: Statistics of Copa

Start at: Fri, 23 Jun 2017 23:17:56 +0000
End at: Fri, 23 Jun 2017 23:18:26 +0000
Local clock offset: 3.904 ms
Remote clock offset: -2.235 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:32:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.72 Mbit/s
95th percentile per-packet one-way delay: -5.013 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 78.72 Mbit/s
95th percentile per-packet one-way delay: -5.013 ms
Loss rate: 0.33%
```
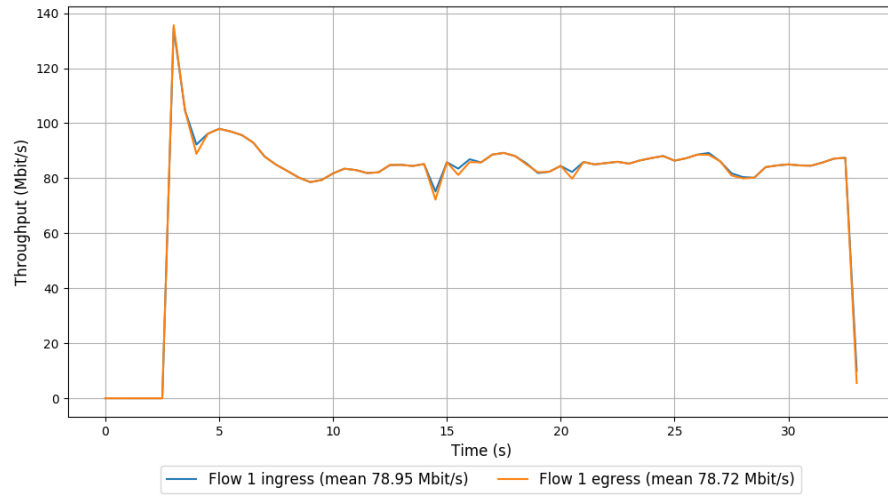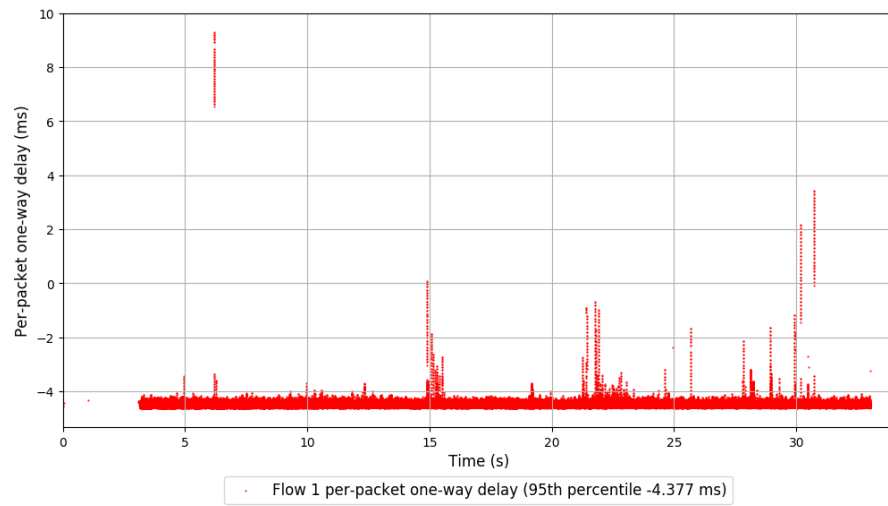
Run 9: Report of Copa — Data Link



Flow 1 ingress (mean 78.95 Mbit/s)     Flow 1 egress (mean 78.72 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -5.013 ms)

```
Run 10: Statistics of Copa

Start at: Fri, 23 Jun 2017 23:37:41 +0000
End at: Fri, 23 Jun 2017 23:38:11 +0000
Local clock offset: 3.349 ms
Remote clock offset: -2.333 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:32:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.14 Mbit/s
95th percentile per-packet one-way delay: -4.377 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 73.14 Mbit/s
95th percentile per-packet one-way delay: -4.377 ms
Loss rate: 0.12%
```
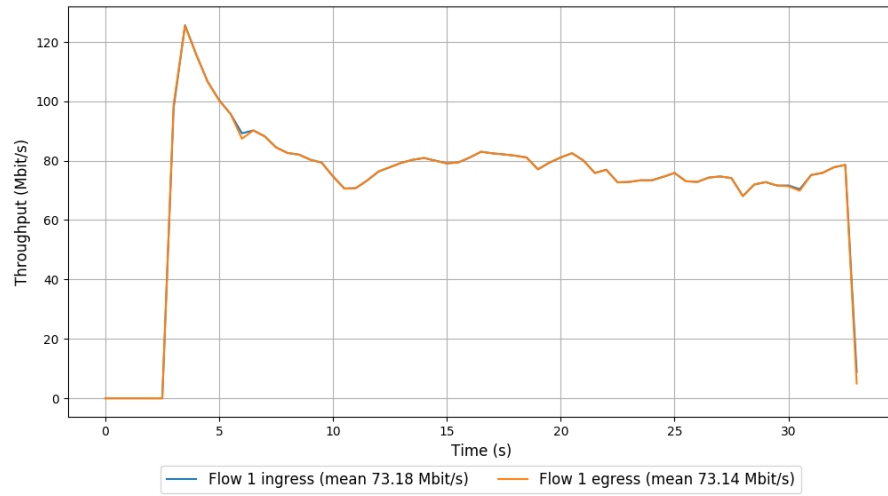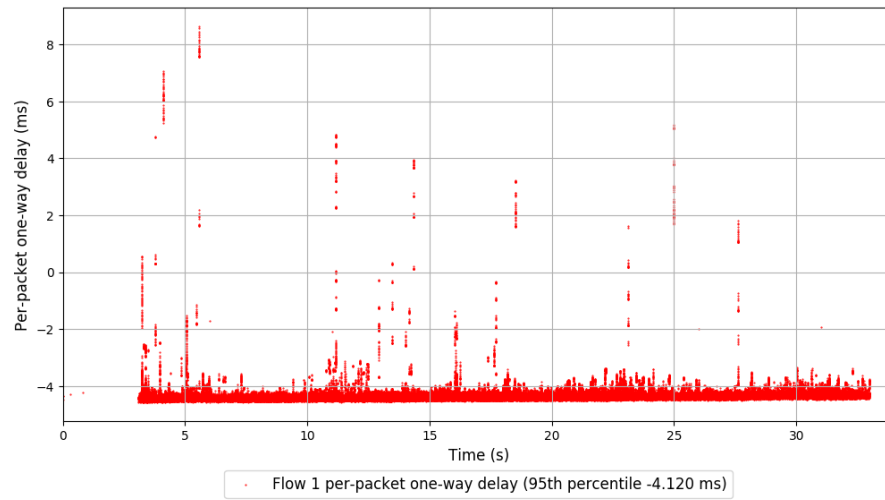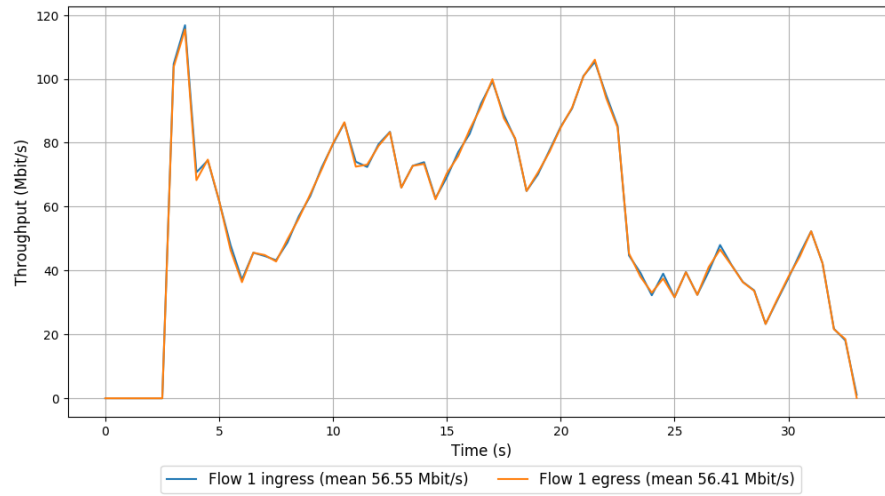
Run 10: Report of Copa — Data Link



Flow 1 ingress (mean 73.18 Mbit/s) — Flow 1 egress (mean 73.14 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -4.377 ms)

```
Run 1: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 20:36:34 +0000
End at: Fri, 23 Jun 2017 20:37:04 +0000
Local clock offset: 3.88 ms
Remote clock offset: -1.75 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:32:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.41 Mbit/s
95th percentile per-packet one-way delay: -4.120 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 56.41 Mbit/s
95th percentile per-packet one-way delay: -4.120 ms
Loss rate: 0.31%
```
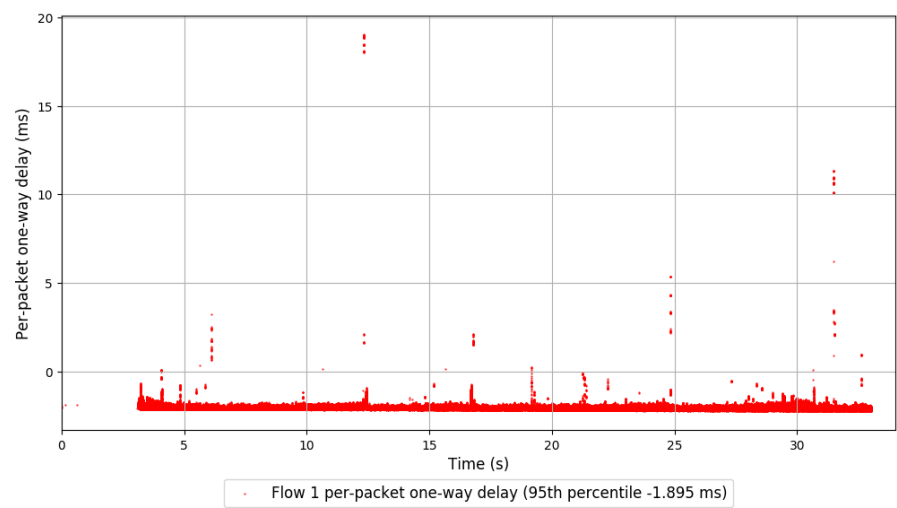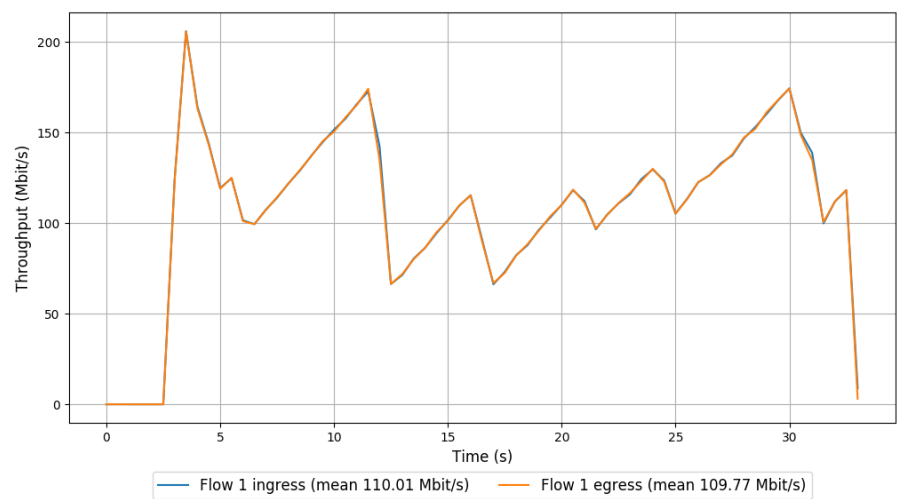
Run 1: Report of TCP Cubic — Data Link



Flow 1 ingress (mean 56.55 Mbit/s) ——— Flow 1 egress (mean 56.41 Mbit/s)



. Flow 1 per-packet one-way delay (95th percentile -4.120 ms)

```
Run 2: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 20:56:10 +0000
End at: Fri, 23 Jun 2017 20:56:40 +0000
Local clock offset: 1.484 ms
Remote clock offset: -1.438 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:32:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 109.77 Mbit/s
95th percentile per-packet one-way delay: -1.895 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 109.77 Mbit/s
95th percentile per-packet one-way delay: -1.895 ms
Loss rate: 0.28%
```
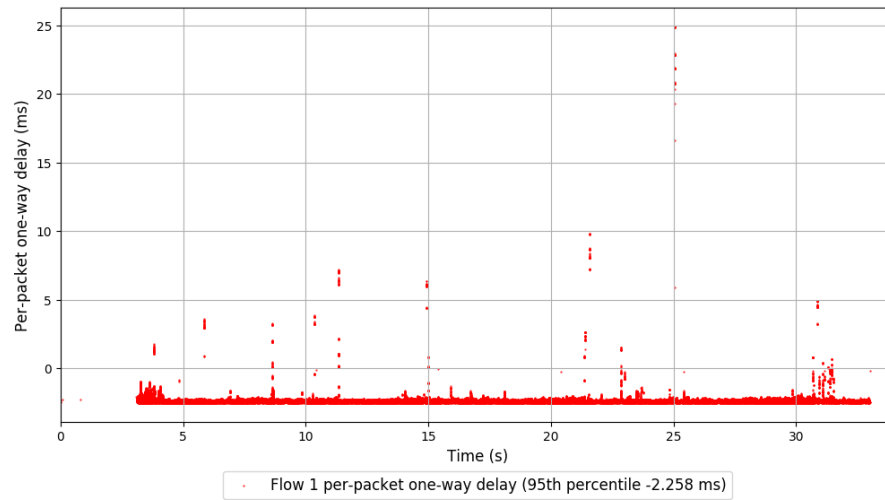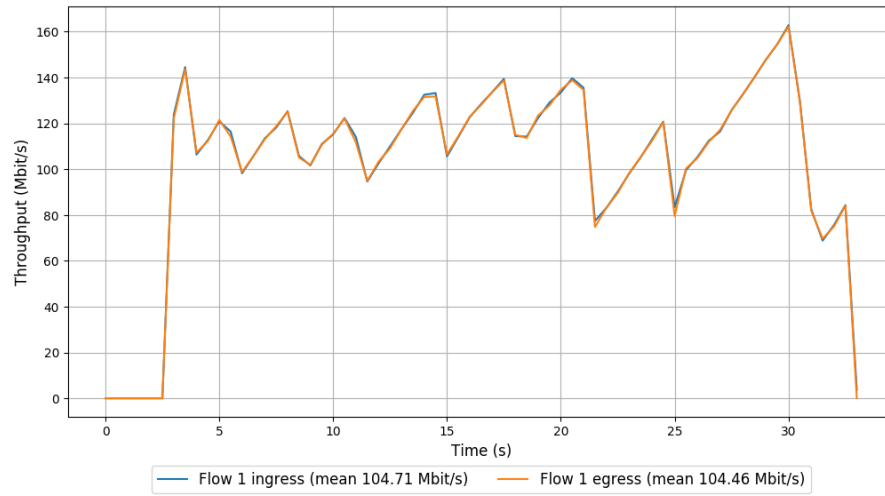
Run 2: Report of TCP Cubic — Data Link



Flow 1 ingress (mean 110.01 Mbit/s) — Flow 1 egress (mean 109.77 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -1.895 ms)

```
Run 3: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 21:16:01 +0000
End at: Fri, 23 Jun 2017 21:16:31 +0000
Local clock offset: 1.636 ms
Remote clock offset: -1.906 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:32:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 104.46 Mbit/s
95th percentile per-packet one-way delay: -2.258 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 104.46 Mbit/s
95th percentile per-packet one-way delay: -2.258 ms
Loss rate: 0.29%
```
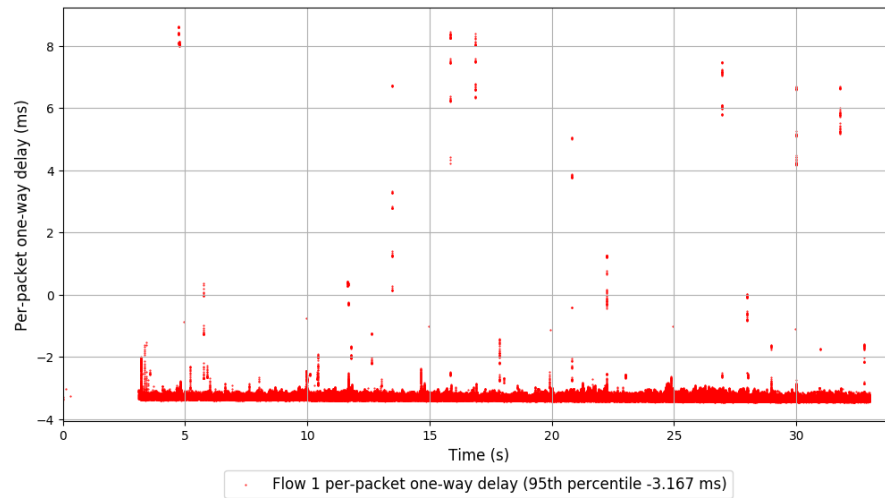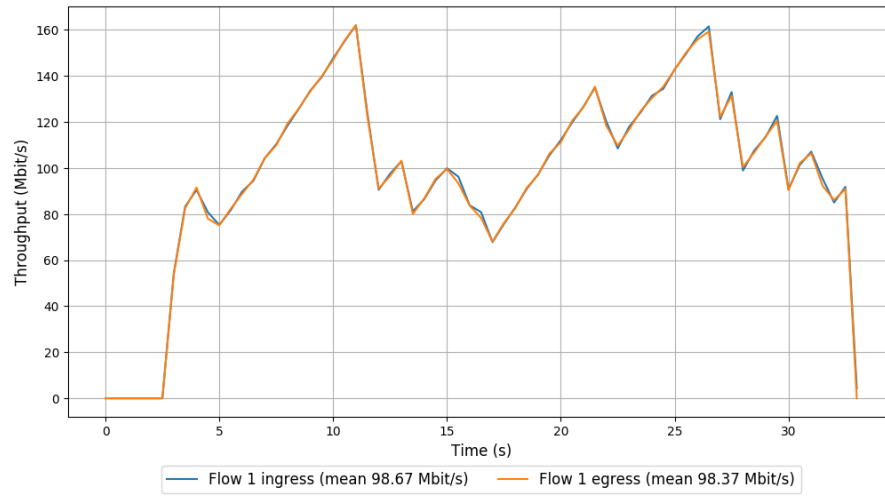
Run 3: Report of TCP Cubic — Data Link



Flow 1 ingress (mean 104.71 Mbit/s) — Flow 1 egress (mean 104.46 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -2.258 ms)

```
Run 4: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 21:35:21 +0000
End at: Fri, 23 Jun 2017 21:35:51 +0000
Local clock offset: 2.259 ms
Remote clock offset: -2.122 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:32:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 98.37 Mbit/s
95th percentile per-packet one-way delay: -3.167 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 98.37 Mbit/s
95th percentile per-packet one-way delay: -3.167 ms
Loss rate: 0.36%
```
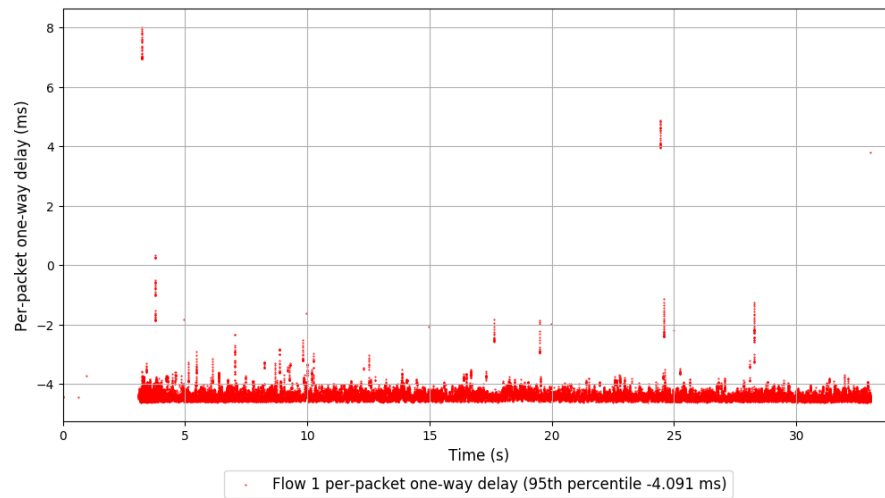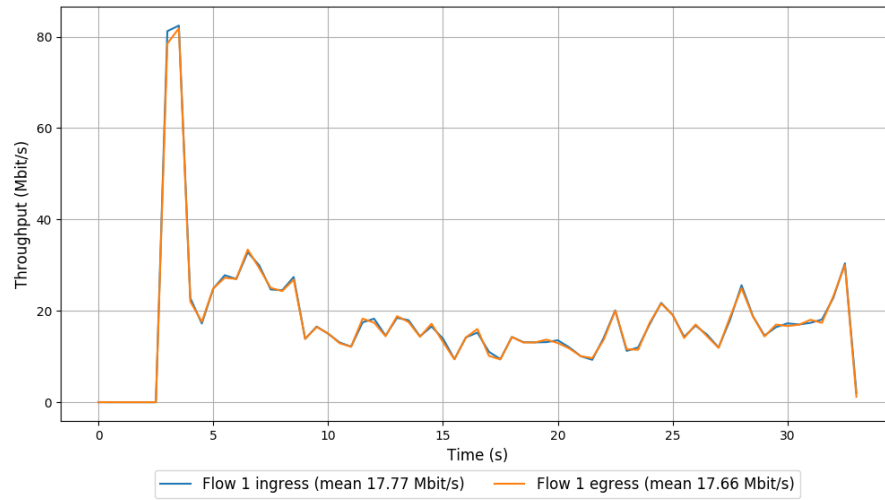
Run 4: Report of TCP Cubic — Data Link



Flow 1 ingress (mean 98.67 Mbit/s) —— Flow 1 egress (mean 98.37 Mbit/s)



· Flow 1 per-packet one-way delay (95th percentile -3.167 ms)

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```
Run 5: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 21:55:04 +0000
End at: Fri, 23 Jun 2017 21:55:34 +0000
Local clock offset: 3.126 ms
Remote clock offset: -2.451 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:32:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.66 Mbit/s
95th percentile per-packet one-way delay: -4.091 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 17.66 Mbit/s
95th percentile per-packet one-way delay: -4.091 ms
Loss rate: 0.66%
```

Run 5: Report of TCP Cubic — Data Link

```
Run 6: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 22:14:36 +0000
End at: Fri, 23 Jun 2017 22:15:06 +0000
Local clock offset: 3.071 ms
Remote clock offset: -2.597 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:32:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 106.22 Mbit/s
95th percentile per-packet one-way delay: -4.363 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 106.22 Mbit/s
95th percentile per-packet one-way delay: -4.363 ms
Loss rate: 0.18%
```
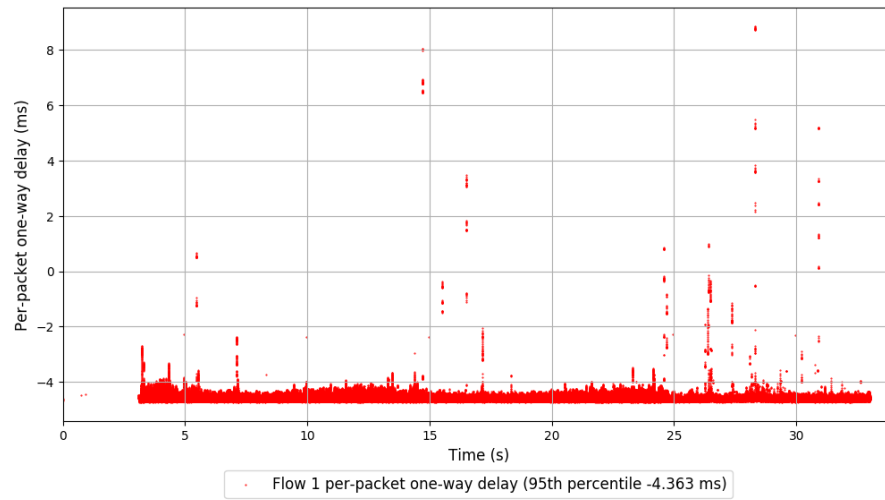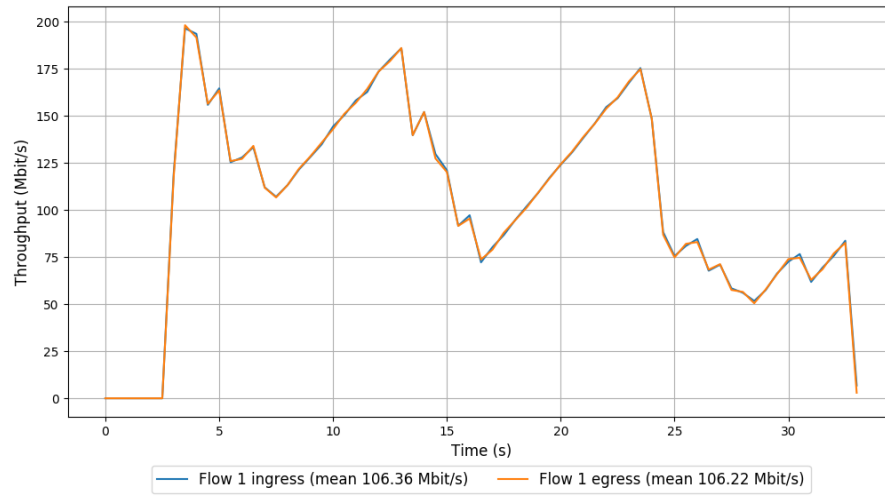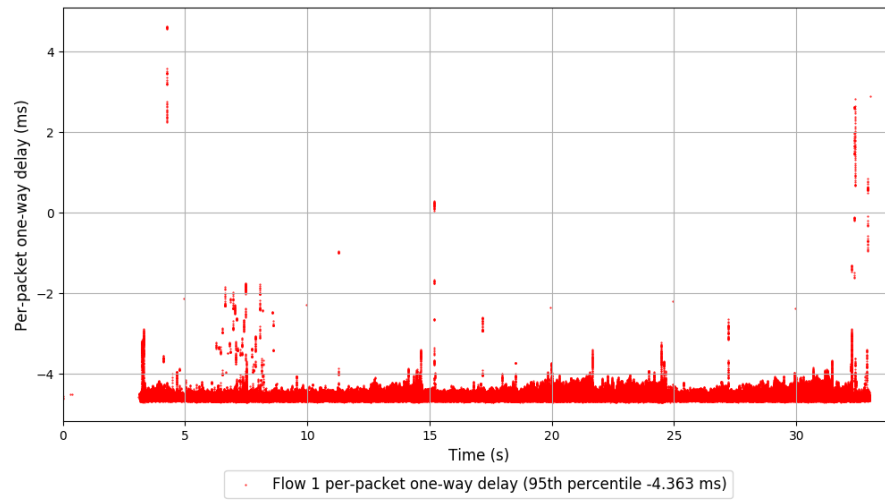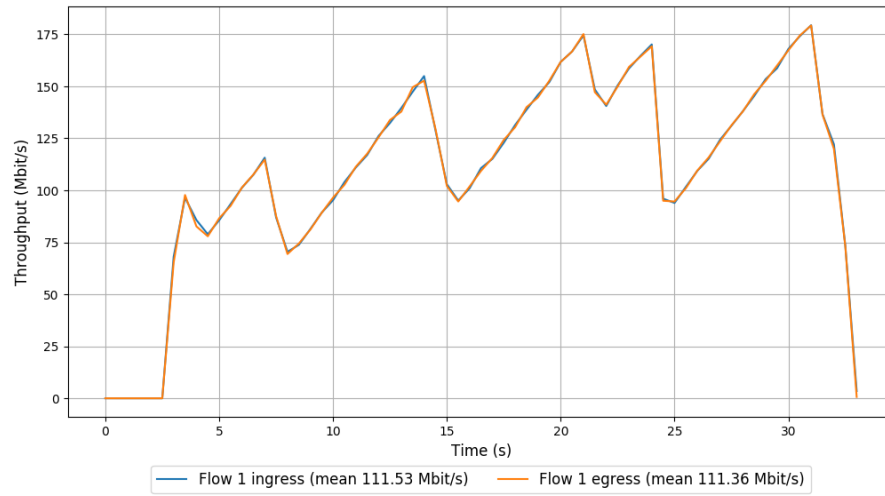
Run 6: Report of TCP Cubic — Data Link



Flow 1 ingress (mean 106.36 Mbit/s)    Flow 1 egress (mean 106.22 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -4.363 ms)

```
Run 7: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 22:34:06 +0000
End at: Fri, 23 Jun 2017 22:34:36 +0000
Local clock offset: 2.901 ms
Remote clock offset: -2.702 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:32:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 111.36 Mbit/s
95th percentile per-packet one-way delay: -4.363 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 111.36 Mbit/s
95th percentile per-packet one-way delay: -4.363 ms
Loss rate: 0.17%
```
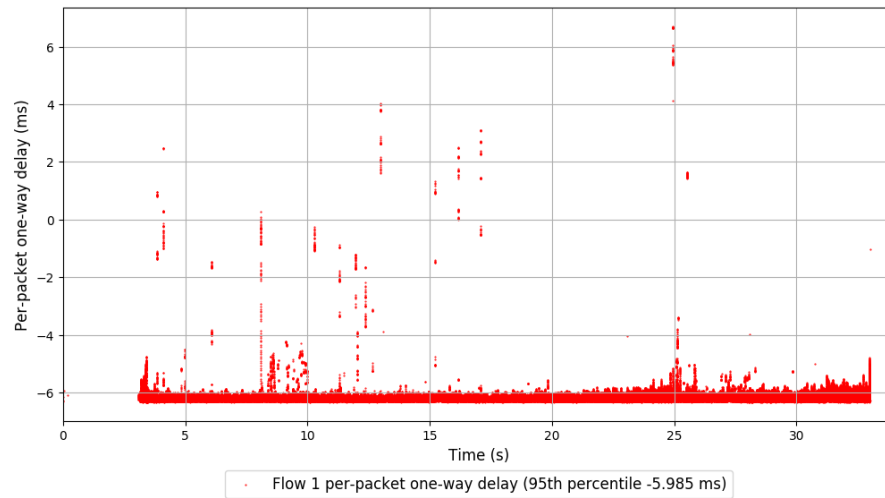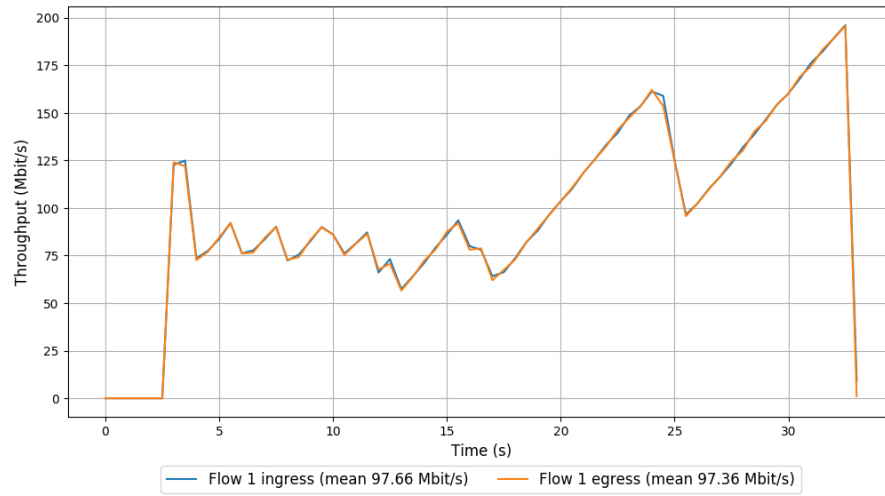
Run 7: Report of TCP Cubic — Data Link



Flow 1 ingress (mean 111.53 Mbit/s)    Flow 1 egress (mean 111.36 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -4.363 ms)

```
Run 8: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 22:53:37 +0000
End at: Fri, 23 Jun 2017 22:54:07 +0000
Local clock offset: 4.461 ms
Remote clock offset: -2.808 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:33:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.36 Mbit/s
95th percentile per-packet one-way delay: -5.985 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 97.36 Mbit/s
95th percentile per-packet one-way delay: -5.985 ms
Loss rate: 0.34%
```
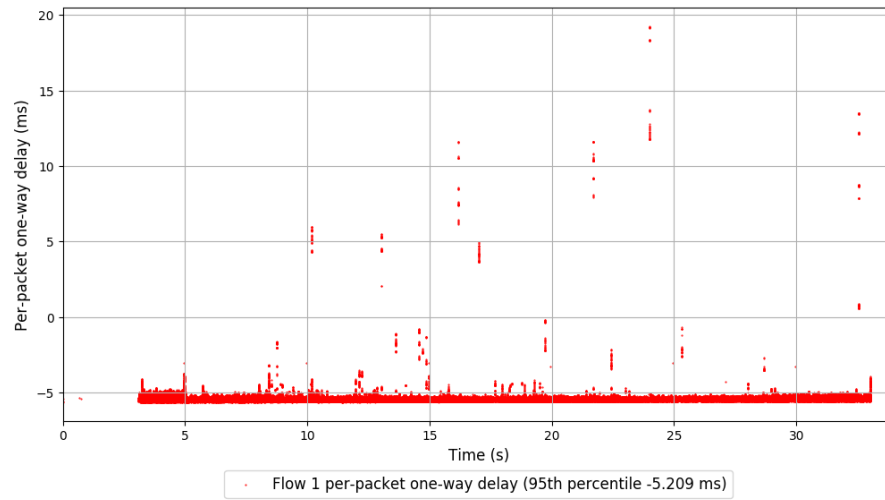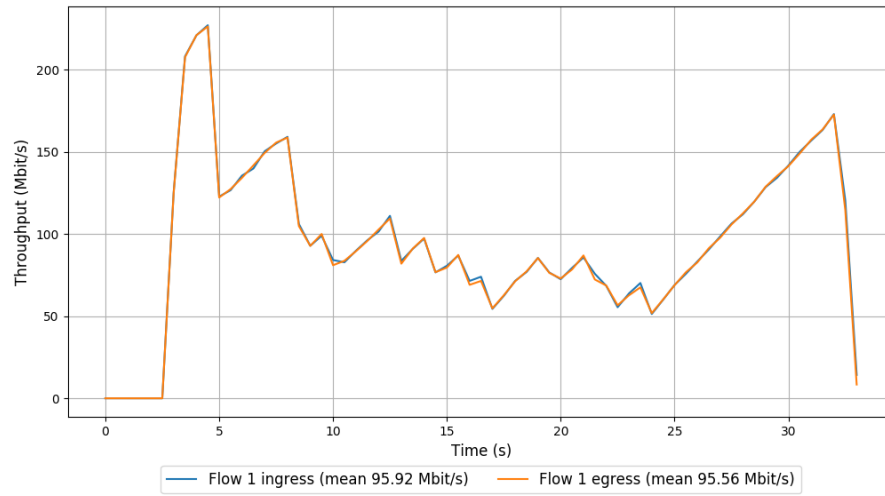
Run 8: Report of TCP Cubic — Data Link



Flow 1 ingress (mean 97.66 Mbit/s) —— Flow 1 egress (mean 97.36 Mbit/s)



.   Flow 1 per-packet one-way delay (95th percentile -5.985 ms)

```
Run 9: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 23:12:54 +0000
End at: Fri, 23 Jun 2017 23:13:24 +0000
Local clock offset: 4.435 ms
Remote clock offset: -2.327 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:33:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.56 Mbit/s
95th percentile per-packet one-way delay: -5.209 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 95.56 Mbit/s
95th percentile per-packet one-way delay: -5.209 ms
Loss rate: 0.42%
```

Run 9: Report of TCP Cubic — Data Link

```
Run 10: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 23:32:35 +0000
End at: Fri, 23 Jun 2017 23:33:05 +0000
Local clock offset: 3.453 ms
Remote clock offset: -2.21 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:33:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 135.70 Mbit/s
95th percentile per-packet one-way delay: -4.294 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 135.70 Mbit/s
95th percentile per-packet one-way delay: -4.294 ms
Loss rate: 0.19%
```
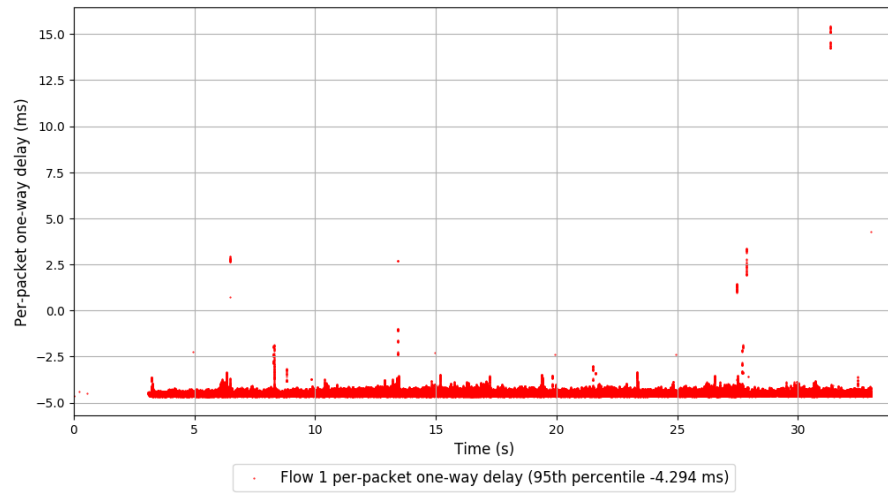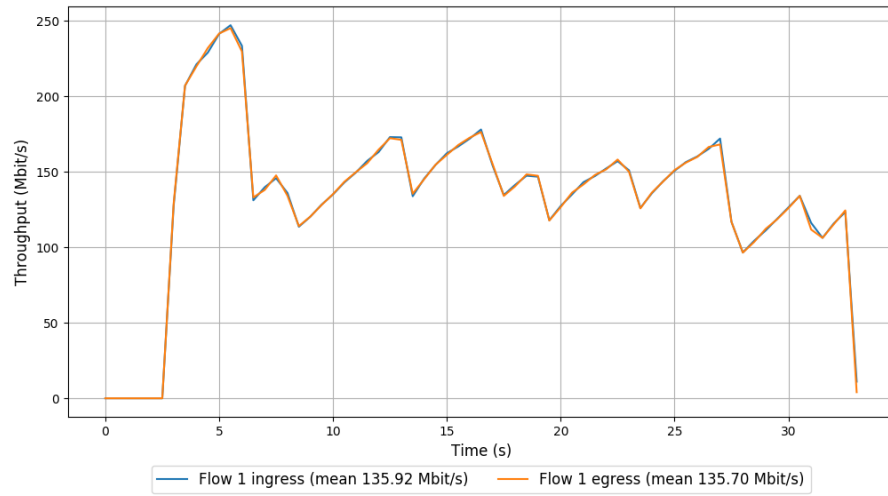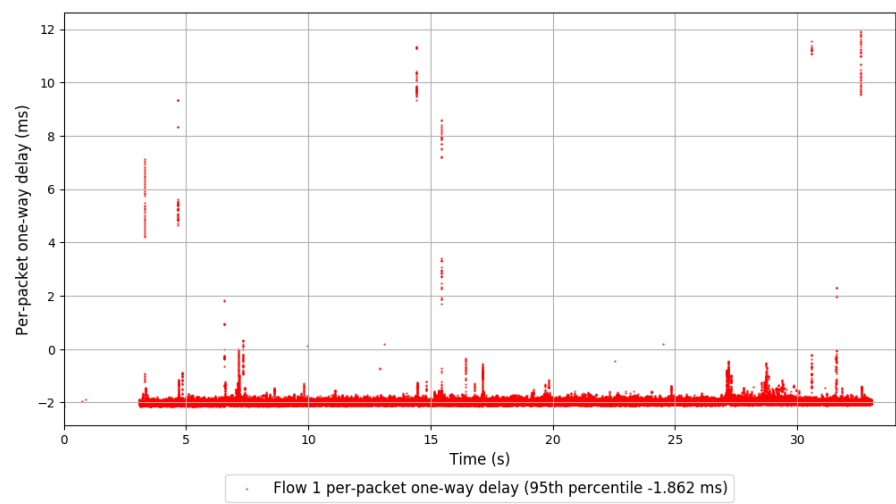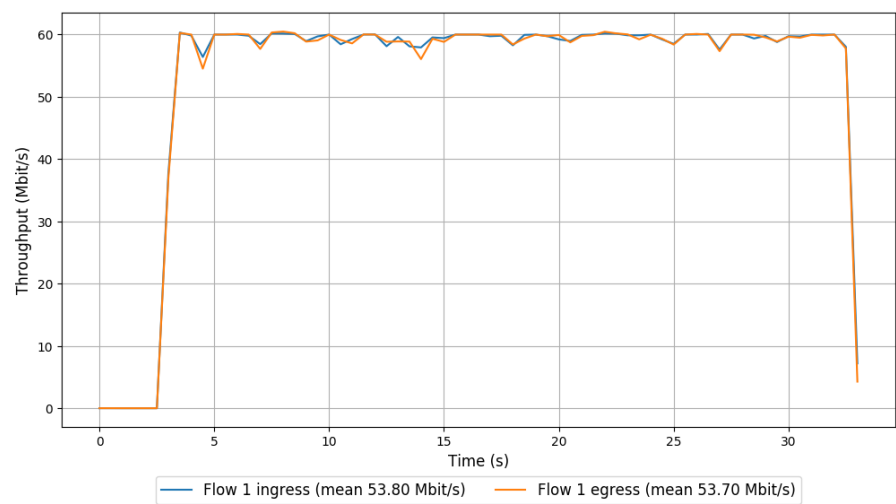
Run 10: Report of TCP Cubic — Data Link



Flow 1 ingress (mean 135.92 Mbit/s) —— Flow 1 egress (mean 135.70 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -4.294 ms)

```
Run 1: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 20:53:35 +0000
End at: Fri, 23 Jun 2017 20:54:05 +0000
Local clock offset: 1.733 ms
Remote clock offset: -1.516 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:33:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.70 Mbit/s
95th percentile per-packet one-way delay: -1.862 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 53.70 Mbit/s
95th percentile per-packet one-way delay: -1.862 ms
Loss rate: 0.24%
```
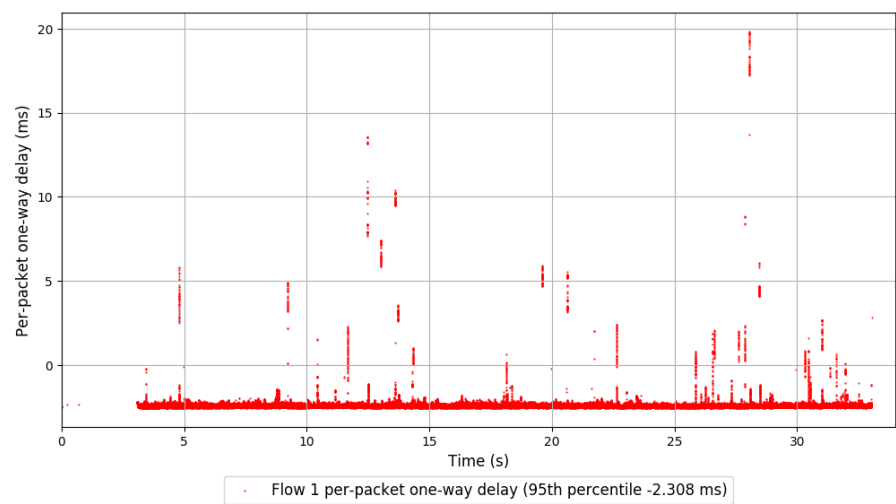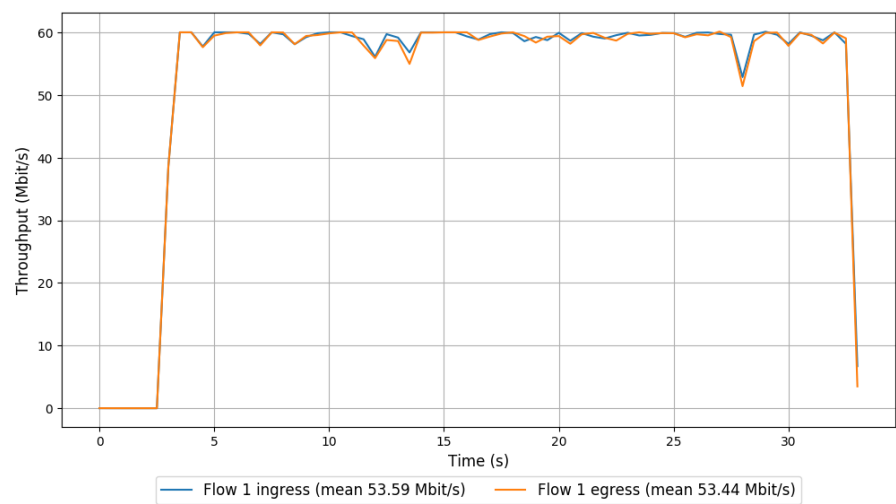
Run 1: Report of KohoCC — Data Link



Flow 1 ingress (mean 53.80 Mbit/s) —— Flow 1 egress (mean 53.70 Mbit/s)



·   Flow 1 per-packet one-way delay (95th percentile -1.862 ms)

```
Run 2: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 21:13:31 +0000
End at: Fri, 23 Jun 2017 21:14:01 +0000
Local clock offset: 1.737 ms
Remote clock offset: -1.899 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:33:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.44 Mbit/s
95th percentile per-packet one-way delay: -2.308 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 53.44 Mbit/s
95th percentile per-packet one-way delay: -2.308 ms
Loss rate: 0.32%
```
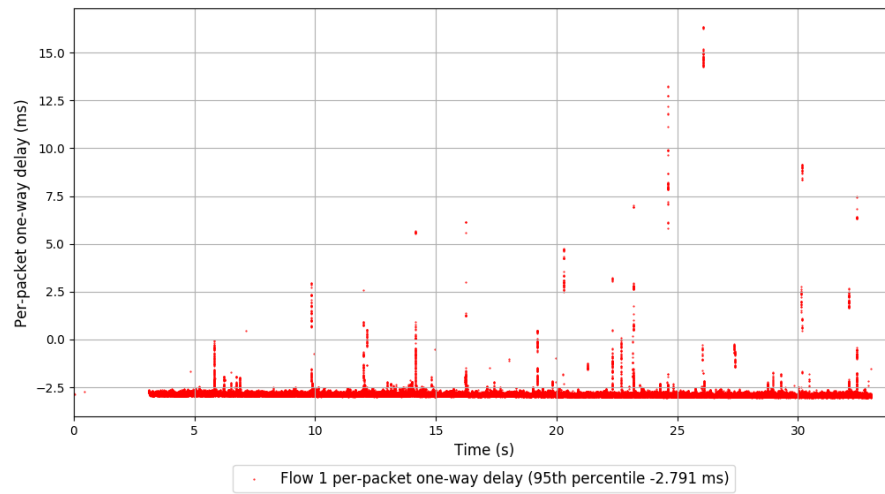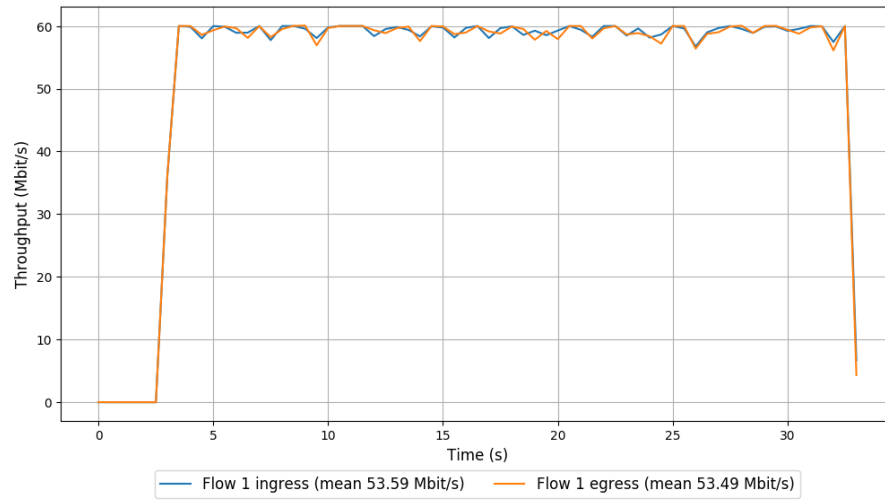
Run 2: Report of KohoCC — Data Link

```
Run 3: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 21:32:50 +0000
End at: Fri, 23 Jun 2017 21:33:21 +0000
Local clock offset: 1.879 ms
Remote clock offset: -2.054 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:33:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.49 Mbit/s
95th percentile per-packet one-way delay: -2.791 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 53.49 Mbit/s
95th percentile per-packet one-way delay: -2.791 ms
Loss rate: 0.24%
```

# Run 3: Report of KohoCC — Data Link

```
Run 4: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 21:52:34 +0000
End at: Fri, 23 Jun 2017 21:53:04 +0000
Local clock offset: 3.133 ms
Remote clock offset: -2.391 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:33:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.63 Mbit/s
95th percentile per-packet one-way delay: -4.358 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 53.63 Mbit/s
95th percentile per-packet one-way delay: -4.358 ms
Loss rate: 0.22%
```
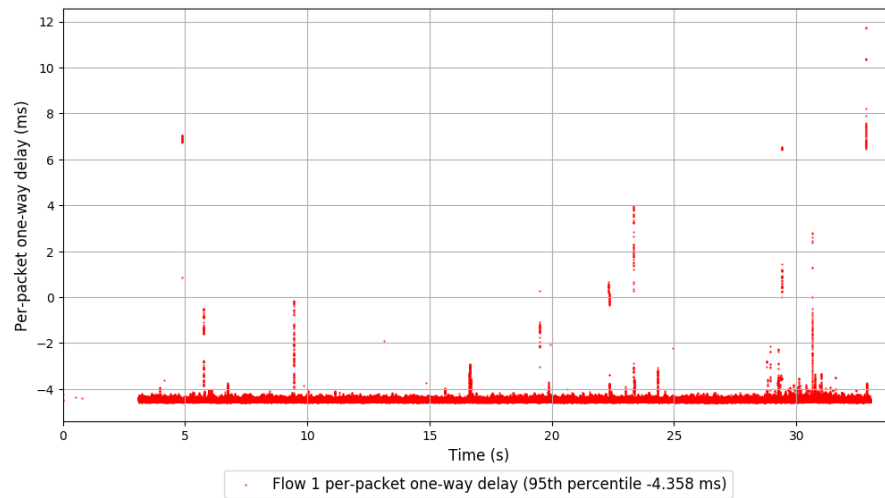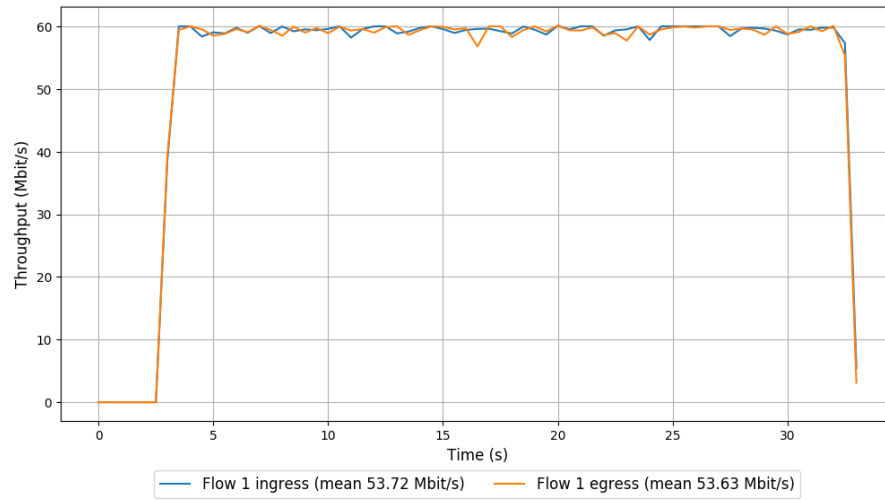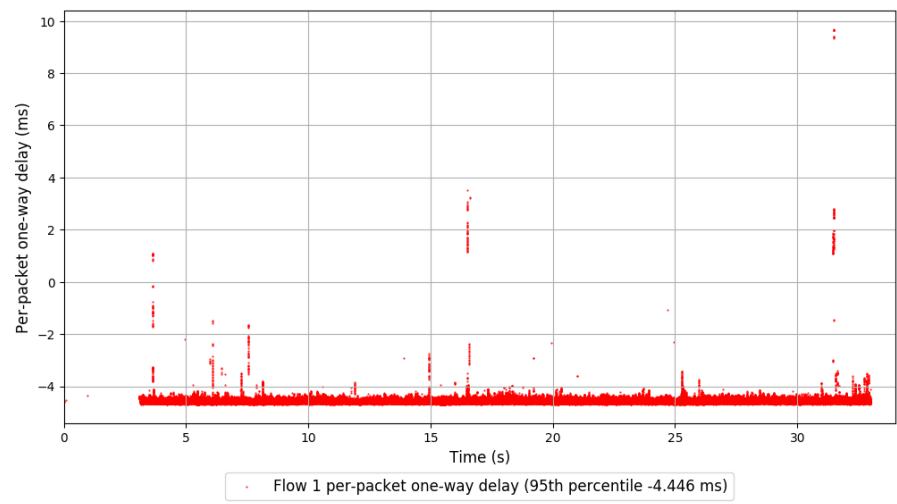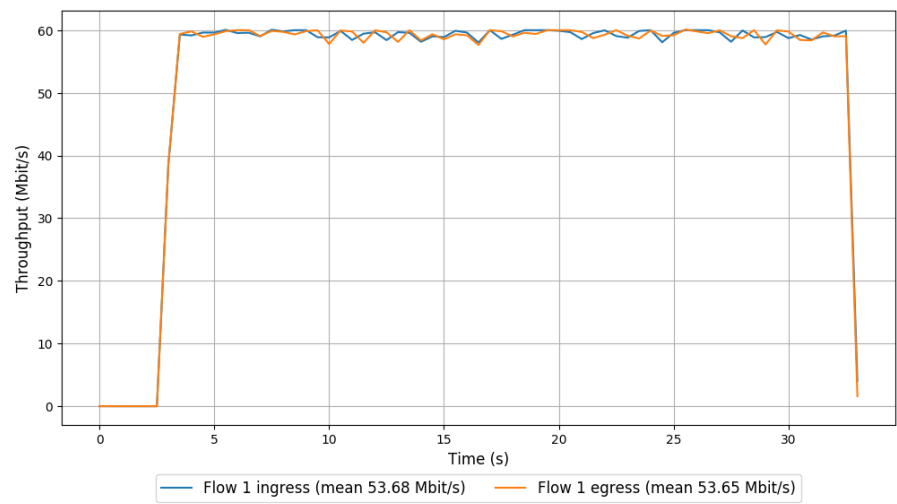
# Run 4: Report of KohoCC — Data Link



Flow 1 ingress (mean 53.72 Mbit/s)　　Flow 1 egress (mean 53.63 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -4.358 ms)

```
Run 5: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 22:12:05 +0000
End at: Fri, 23 Jun 2017 22:12:35 +0000
Local clock offset: 3.207 ms
Remote clock offset: -2.541 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:33:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.65 Mbit/s
95th percentile per-packet one-way delay: -4.446 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 53.65 Mbit/s
95th percentile per-packet one-way delay: -4.446 ms
Loss rate: 0.11%
```
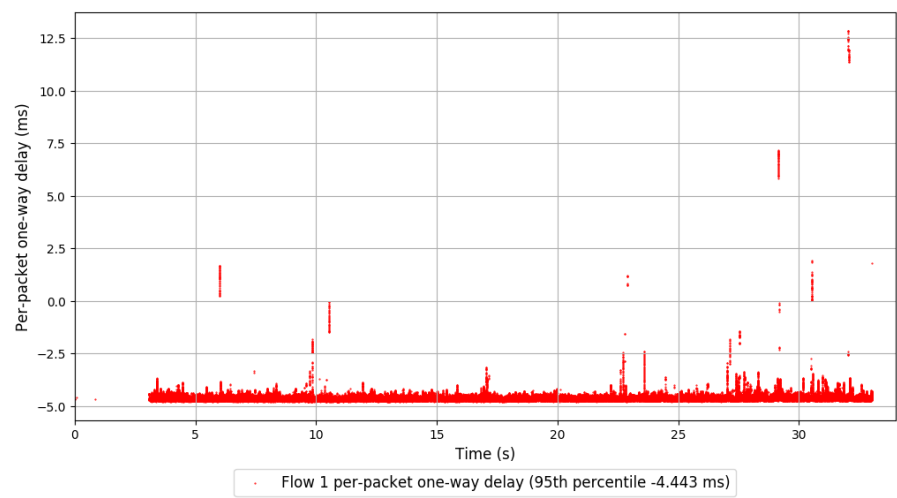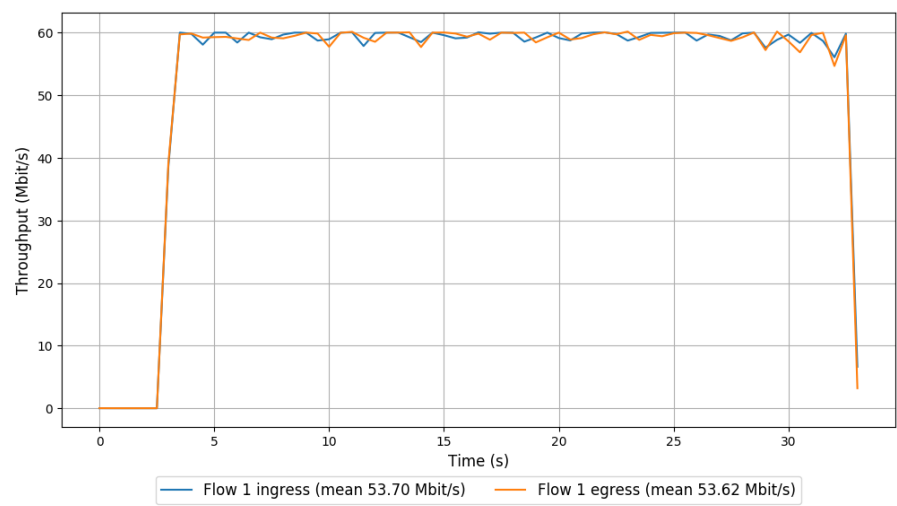
Run 5: Report of KohoCC — Data Link



Flow 1 ingress (mean 53.68 Mbit/s)    Flow 1 egress (mean 53.65 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -4.446 ms)

```
Run 6: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 22:31:35 +0000
End at: Fri, 23 Jun 2017 22:32:06 +0000
Local clock offset: 3.057 ms
Remote clock offset: -2.754 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:33:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.62 Mbit/s
95th percentile per-packet one-way delay: -4.443 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 53.62 Mbit/s
95th percentile per-packet one-way delay: -4.443 ms
Loss rate: 0.18%
```
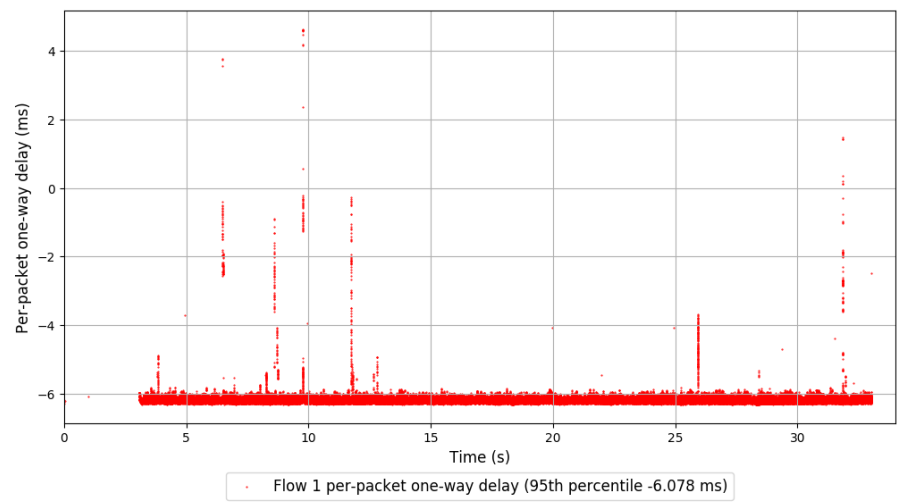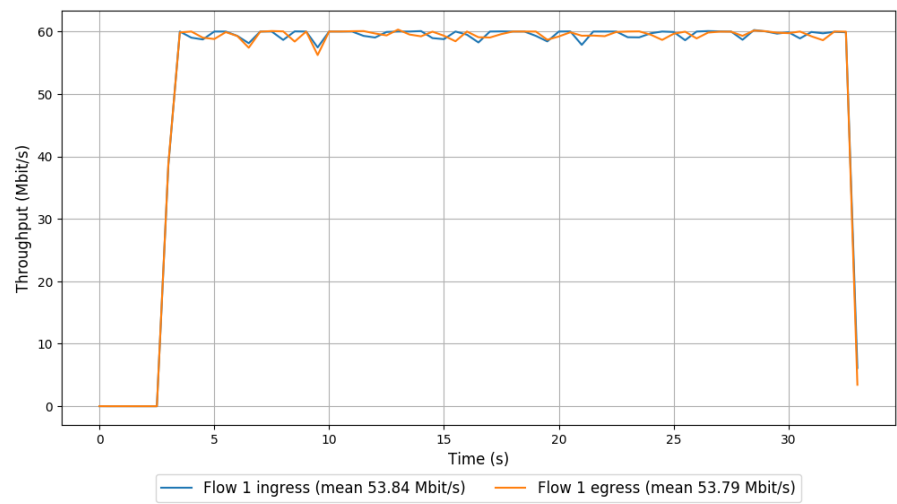
Run 6: Report of KohoCC — Data Link



Flow 1 ingress (mean 53.70 Mbit/s) — Flow 1 egress (mean 53.62 Mbit/s)



· Flow 1 per-packet one-way delay (95th percentile -4.443 ms)

```
Run 7: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 22:51:07 +0000
End at: Fri, 23 Jun 2017 22:51:37 +0000
Local clock offset: 4.574 ms
Remote clock offset: -2.67 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:33:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.79 Mbit/s
95th percentile per-packet one-way delay: -6.078 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 53.79 Mbit/s
95th percentile per-packet one-way delay: -6.078 ms
Loss rate: 0.14%
```
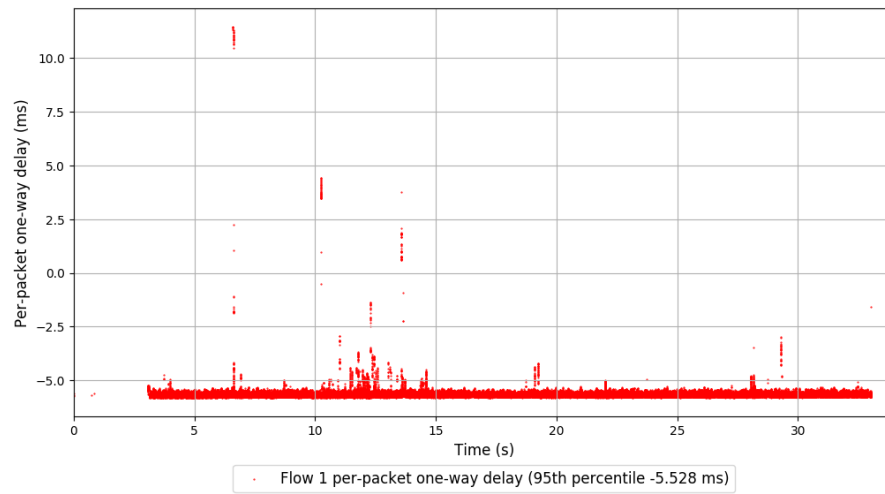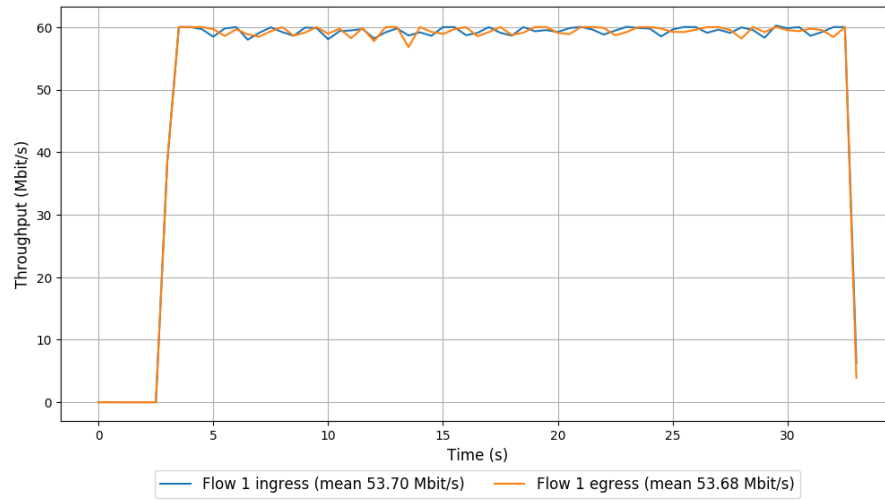
Run 7: Report of KohoCC — Data Link



Flow 1 ingress (mean 53.84 Mbit/s) —— Flow 1 egress (mean 53.79 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -6.078 ms)

```
Run 8: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 23:10:23 +0000
End at: Fri, 23 Jun 2017 23:10:53 +0000
Local clock offset: 4.458 ms
Remote clock offset: -2.396 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:33:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.68 Mbit/s
95th percentile per-packet one-way delay: -5.528 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 53.68 Mbit/s
95th percentile per-packet one-way delay: -5.528 ms
Loss rate: 0.10%
```
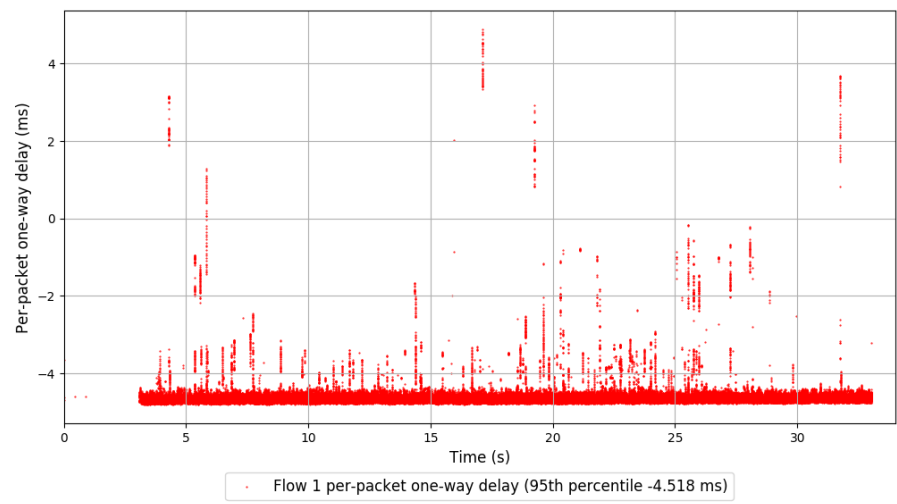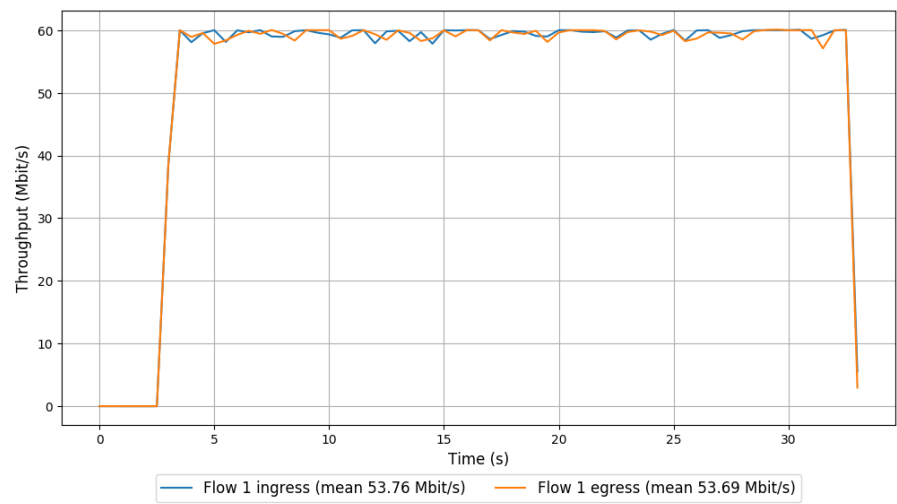
Run 8: Report of KohoCC — Data Link



Flow 1 ingress (mean 53.70 Mbit/s) ——— Flow 1 egress (mean 53.68 Mbit/s)



· Flow 1 per-packet one-way delay (95th percentile -5.528 ms)

```
Run 9: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 23:30:04 +0000
End at: Fri, 23 Jun 2017 23:30:34 +0000
Local clock offset: 3.54 ms
Remote clock offset: -2.196 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:34:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.69 Mbit/s
95th percentile per-packet one-way delay: -4.518 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 53.69 Mbit/s
95th percentile per-packet one-way delay: -4.518 ms
Loss rate: 0.20%
```
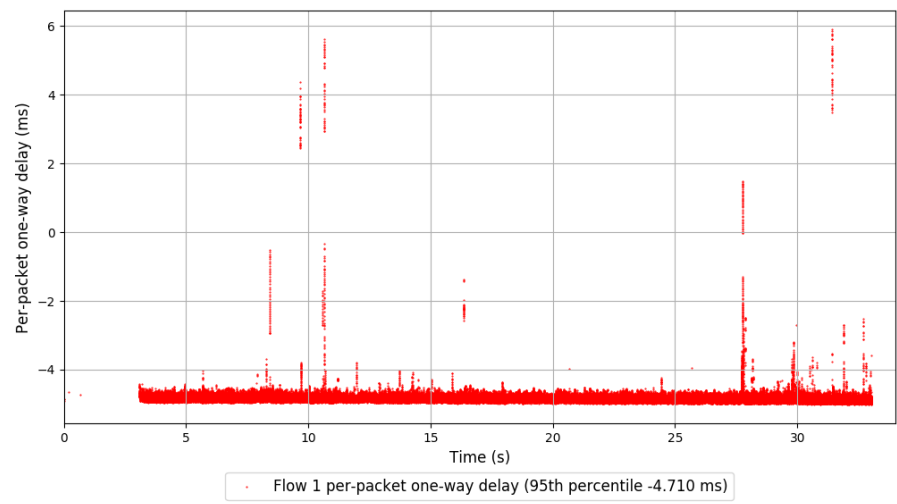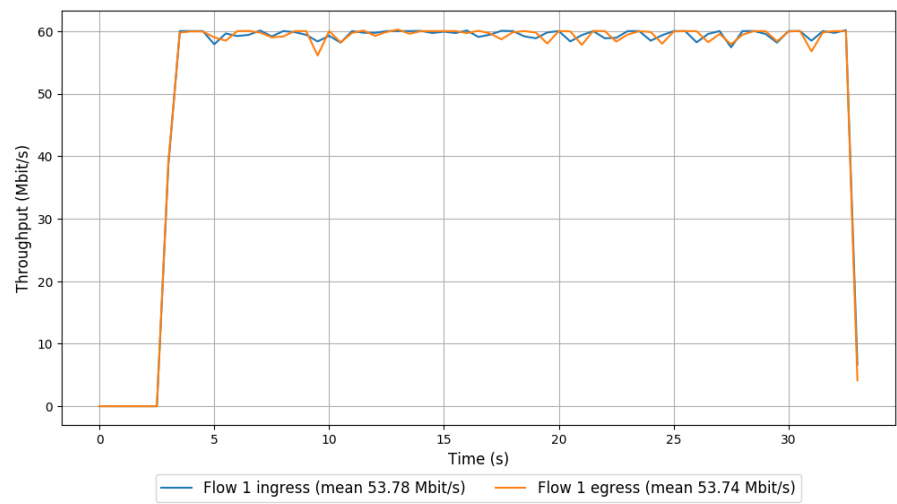
Run 9: Report of KohoCC — Data Link



Flow 1 ingress (mean 53.76 Mbit/s) —— Flow 1 egress (mean 53.69 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -4.518 ms)

```
Run 10: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 23:49:35 +0000
End at: Fri, 23 Jun 2017 23:50:05 +0000
Local clock offset: 3.385 ms
Remote clock offset: -2.532 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:34:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.74 Mbit/s
95th percentile per-packet one-way delay: -4.710 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 53.74 Mbit/s
95th percentile per-packet one-way delay: -4.710 ms
Loss rate: 0.14%
```
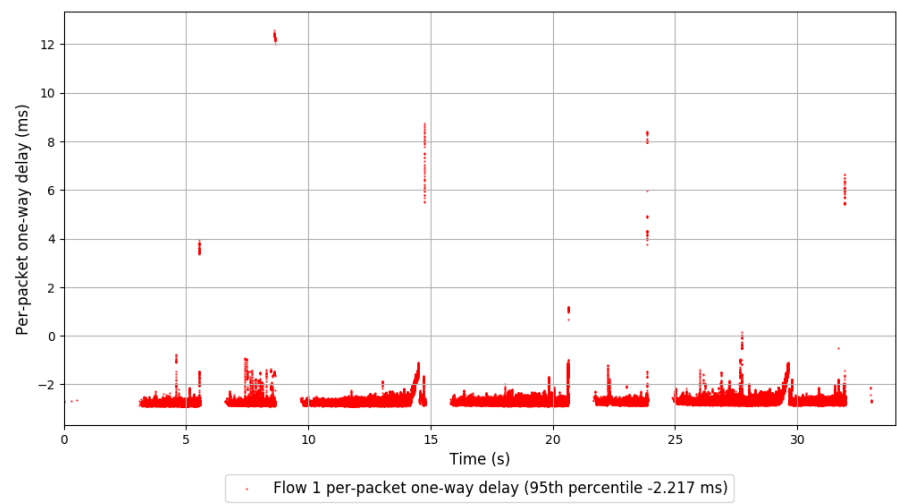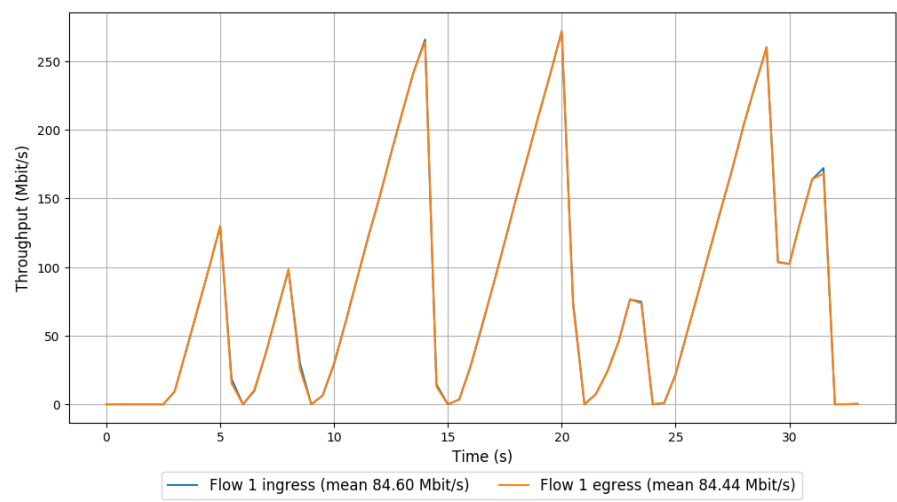
Run 10: Report of KohoCC — Data Link



Flow 1 ingress (mean 53.78 Mbit/s) —— Flow 1 egress (mean 53.74 Mbit/s)



· Flow 1 per-packet one-way delay (95th percentile -4.710 ms)

```
Run 1: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 20:46:38 +0000
End at: Fri, 23 Jun 2017 20:47:08 +0000
Local clock offset: 2.311 ms
Remote clock offset: -1.639 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:34:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.44 Mbit/s
95th percentile per-packet one-way delay: -2.217 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 84.44 Mbit/s
95th percentile per-packet one-way delay: -2.217 ms
Loss rate: 0.25%
```
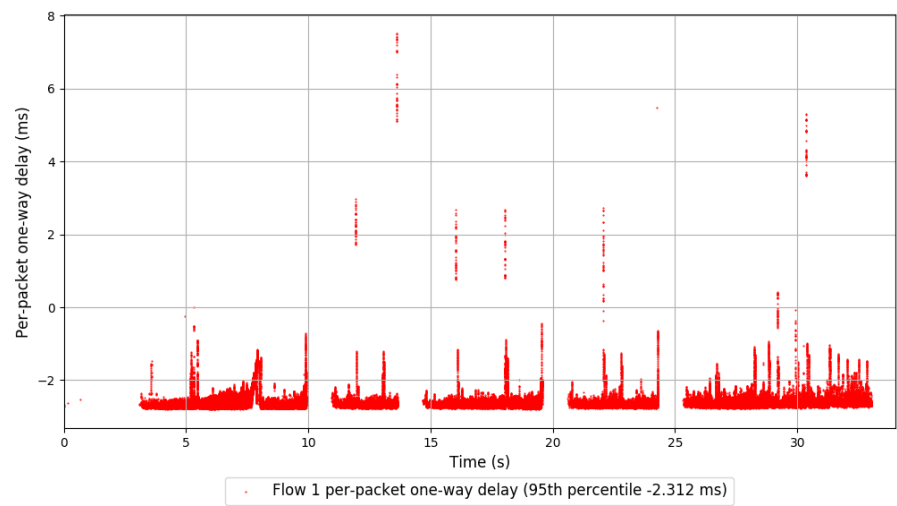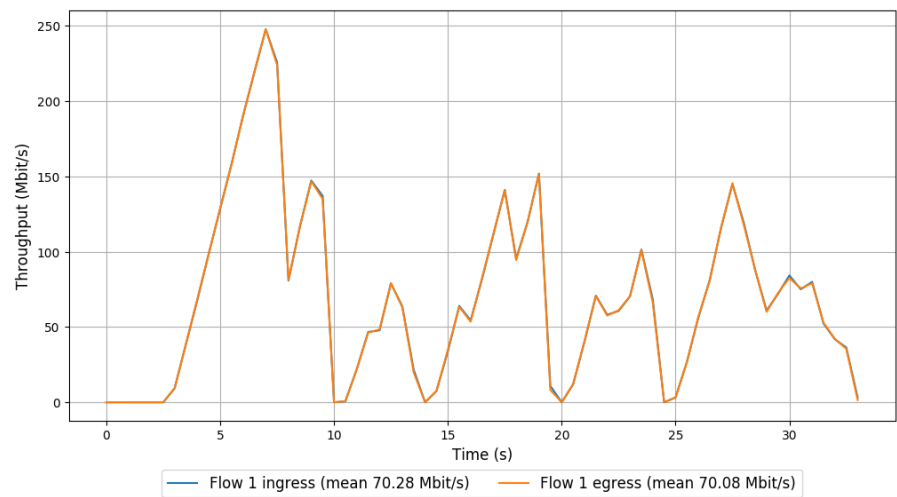
Run 1: Report of LEDBAT — Data Link



Flow 1 ingress (mean 84.60 Mbit/s) — Flow 1 egress (mean 84.44 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -2.217 ms)

```
Run 2: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 21:06:33 +0000
End at: Fri, 23 Jun 2017 21:07:03 +0000
Local clock offset: 1.997 ms
Remote clock offset: -1.764 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:34:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.08 Mbit/s
95th percentile per-packet one-way delay: -2.312 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 70.08 Mbit/s
95th percentile per-packet one-way delay: -2.312 ms
Loss rate: 0.30%
```

Run 2: Report of LEDBAT — Data Link

```
Run 3: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 21:26:07 +0000
End at: Fri, 23 Jun 2017 21:26:37 +0000
Local clock offset: 1.337 ms
Remote clock offset: -2.024 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:34:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.25 Mbit/s
95th percentile per-packet one-way delay: -2.003 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 92.25 Mbit/s
95th percentile per-packet one-way delay: -2.003 ms
Loss rate: 0.29%
```
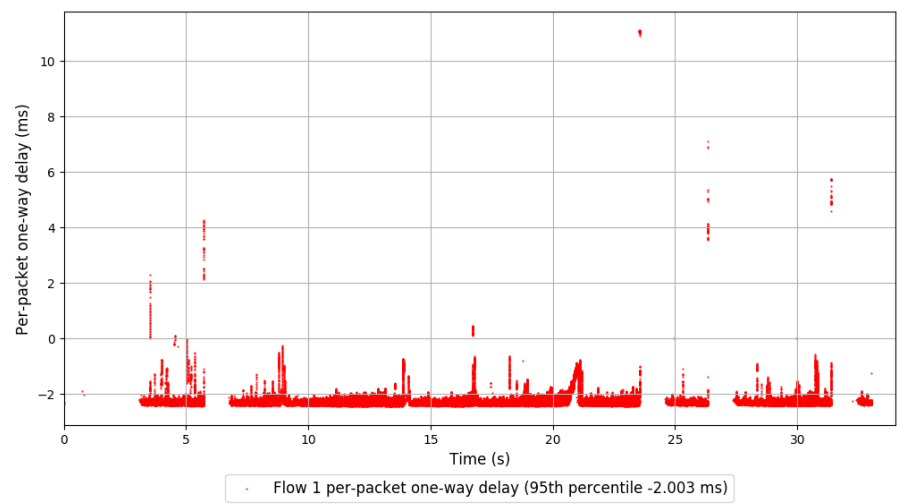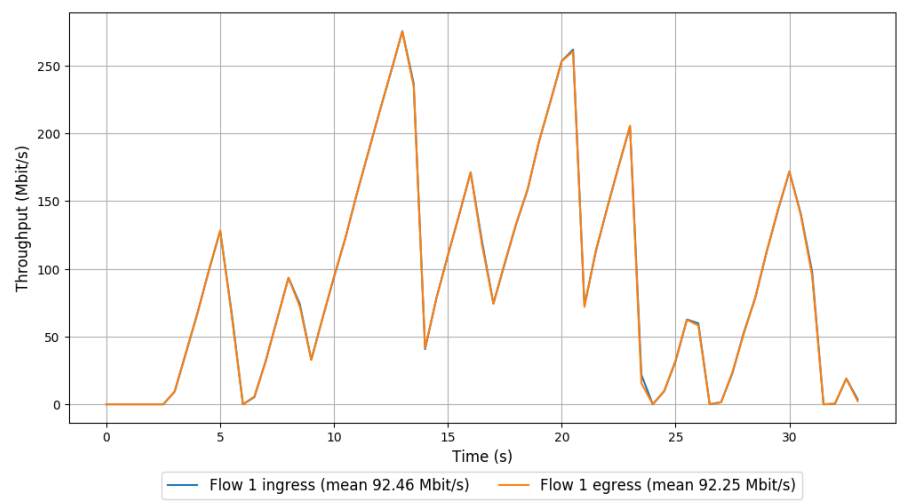
Run 3: Report of LEDBAT — Data Link

```
Run 4: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 21:45:29 +0000
End at: Fri, 23 Jun 2017 21:45:59 +0000
Local clock offset: 3.196 ms
Remote clock offset: -2.341 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:34:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.07 Mbit/s
95th percentile per-packet one-way delay: -3.756 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 95.07 Mbit/s
95th percentile per-packet one-way delay: -3.756 ms
Loss rate: 0.30%
```
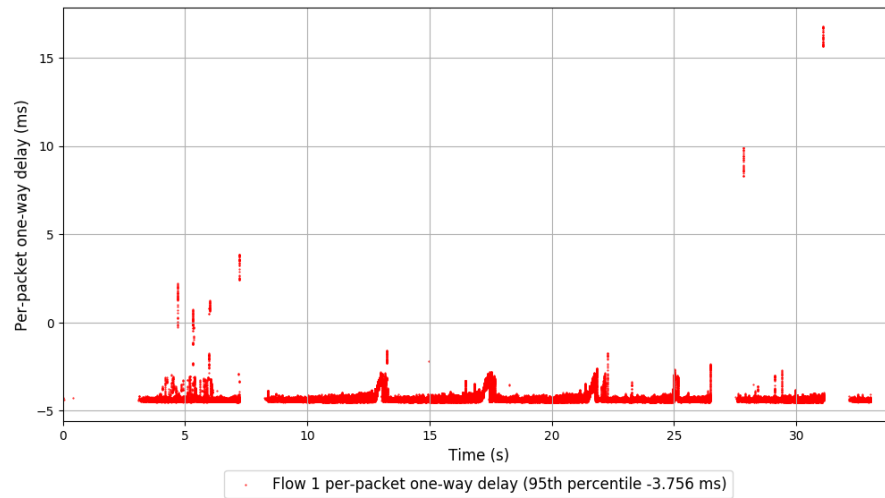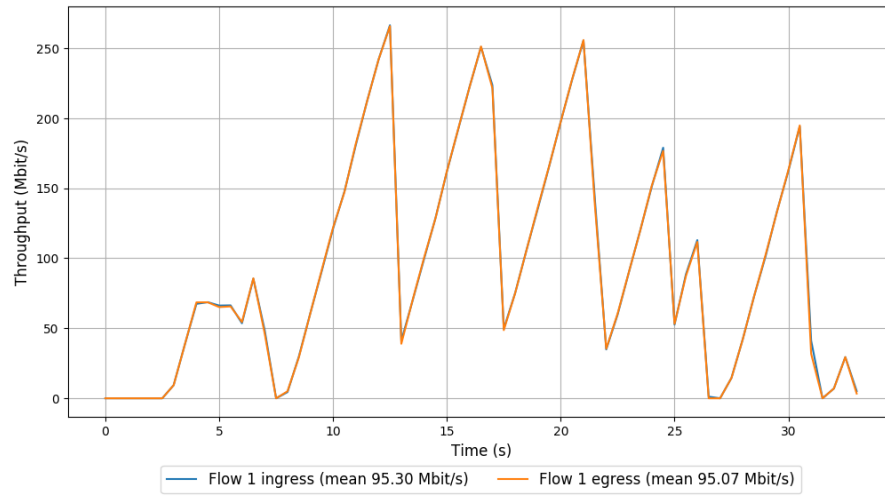
## Run 4: Report of LEDBAT — Data Link

```
Run 5: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 22:05:14 +0000
End at: Fri, 23 Jun 2017 22:05:44 +0000
Local clock offset: 3.252 ms
Remote clock offset: -2.444 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:34:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 105.24 Mbit/s
95th percentile per-packet one-way delay: -4.233 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 105.24 Mbit/s
95th percentile per-packet one-way delay: -4.233 ms
Loss rate: 0.20%
```
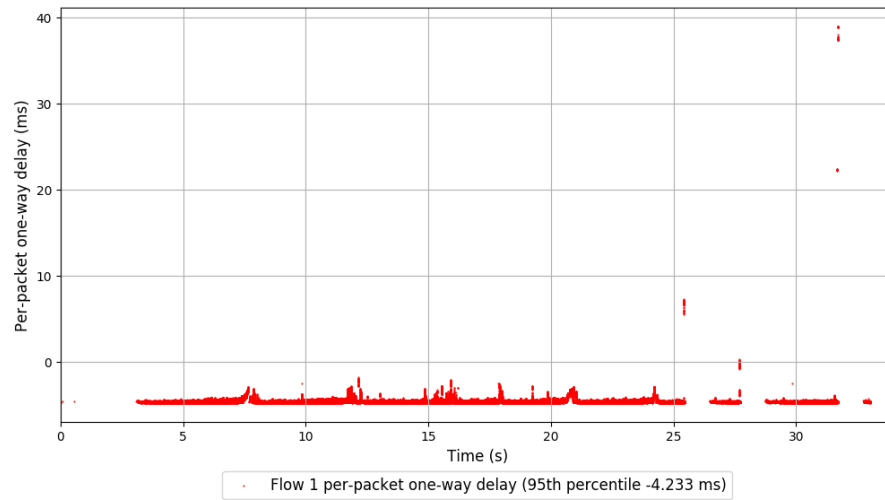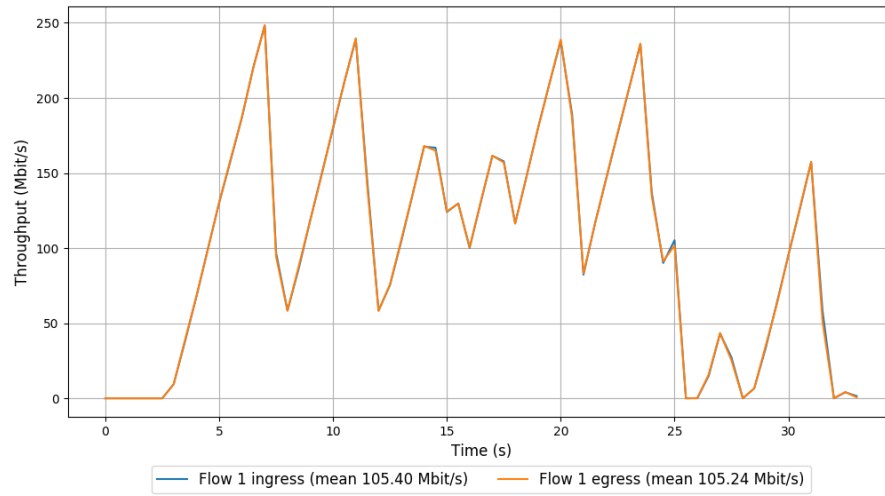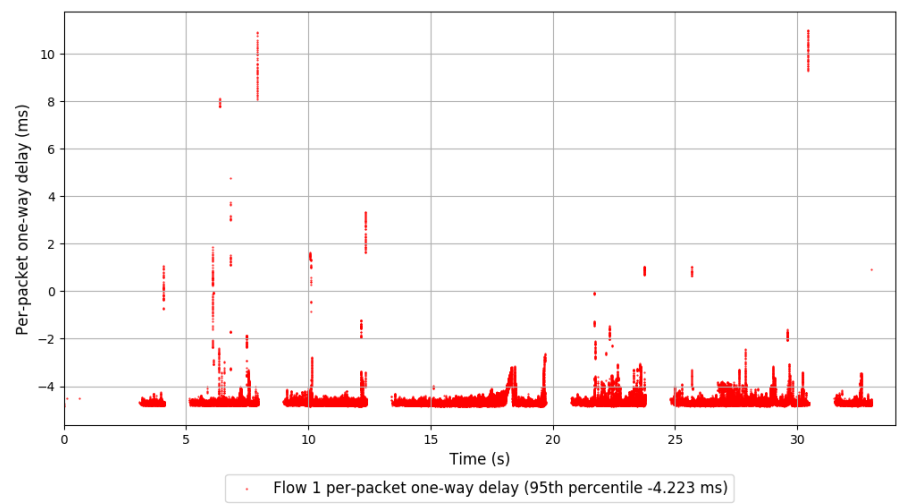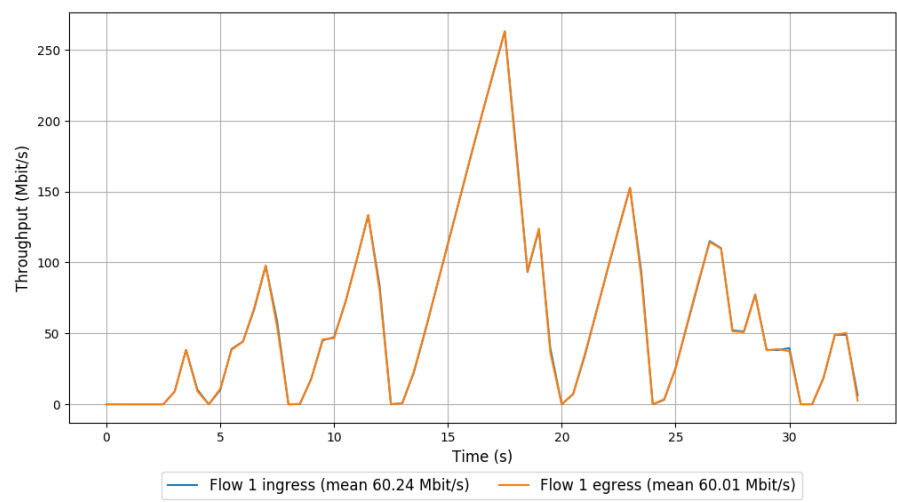
Run 5: Report of LEDBAT — Data Link



Flow 1 ingress (mean 105.40 Mbit/s) — Flow 1 egress (mean 105.24 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -4.233 ms)

```
Run 6: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 22:24:41 +0000
End at: Fri, 23 Jun 2017 22:25:11 +0000
Local clock offset: 3.052 ms
Remote clock offset: -2.653 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:34:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.01 Mbit/s
95th percentile per-packet one-way delay: -4.223 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 60.01 Mbit/s
95th percentile per-packet one-way delay: -4.223 ms
Loss rate: 0.38%
```
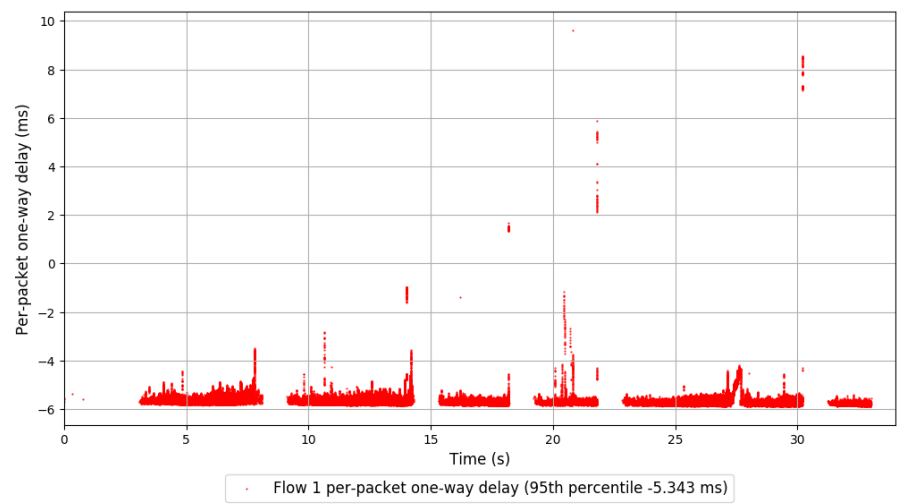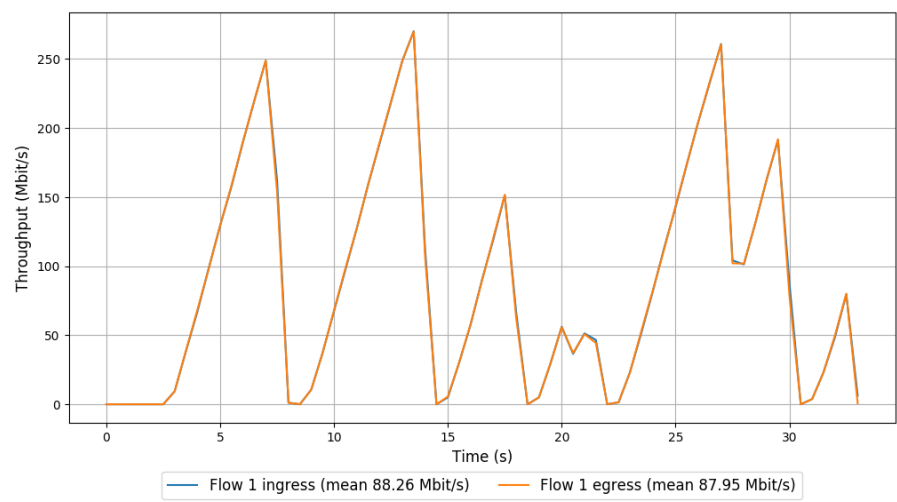
Run 6: Report of LEDBAT — Data Link



Flow 1 ingress (mean 60.24 Mbit/s) ——— Flow 1 egress (mean 60.01 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -4.223 ms)

```
Run 7: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 22:44:23 +0000
End at: Fri, 23 Jun 2017 22:44:53 +0000
Local clock offset: 3.972 ms
Remote clock offset: -2.62 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:34:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.95 Mbit/s
95th percentile per-packet one-way delay: -5.343 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 87.95 Mbit/s
95th percentile per-packet one-way delay: -5.343 ms
Loss rate: 0.40%
```
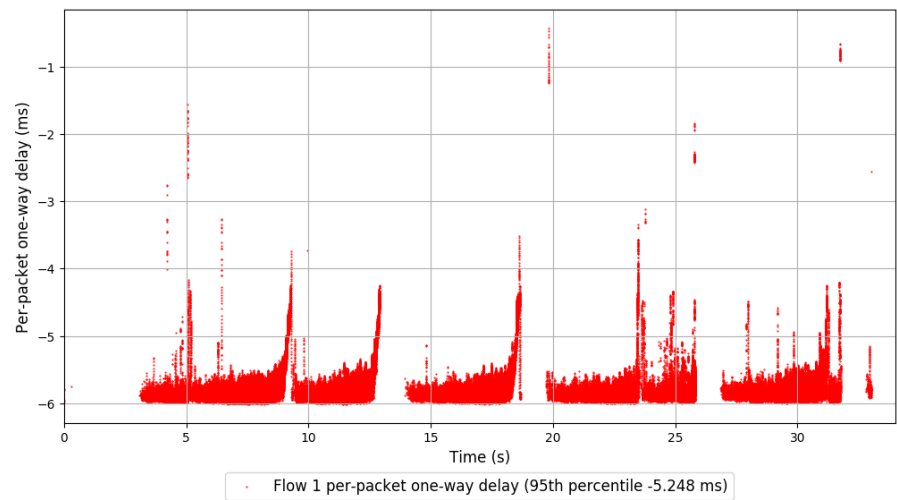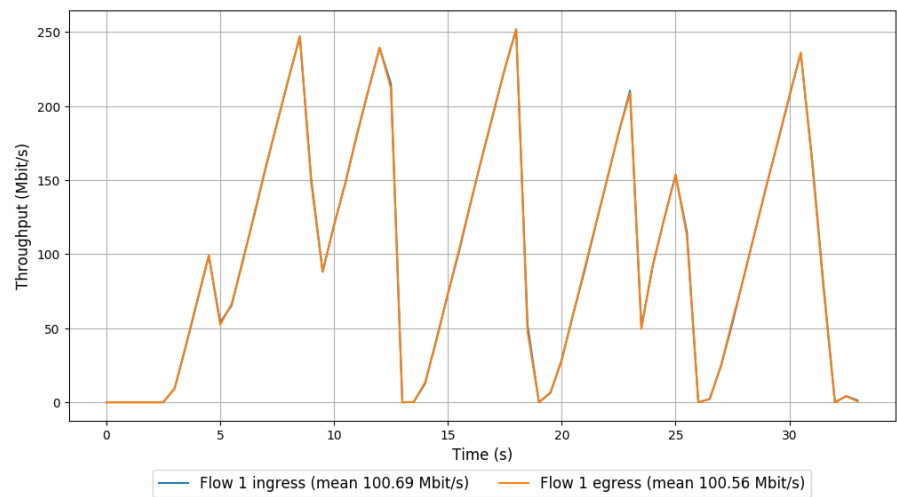
# Run 7: Report of LEDBAT — Data Link



Flow 1 ingress (mean 88.26 Mbit/s) — Flow 1 egress (mean 87.95 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -5.343 ms)

```
Run 8: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 23:03:39 +0000
End at: Fri, 23 Jun 2017 23:04:09 +0000
Local clock offset: 4.395 ms
Remote clock offset: -2.577 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:34:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 100.56 Mbit/s
95th percentile per-packet one-way delay: -5.248 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 100.56 Mbit/s
95th percentile per-packet one-way delay: -5.248 ms
Loss rate: 0.12%
```

Run 8: Report of LEDBAT — Data Link

```
Run 9: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 23:23:09 +0000
End at: Fri, 23 Jun 2017 23:23:39 +0000
Local clock offset: 3.736 ms
Remote clock offset: -2.328 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:35:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.38 Mbit/s
95th percentile per-packet one-way delay: -4.450 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 71.38 Mbit/s
95th percentile per-packet one-way delay: -4.450 ms
Loss rate: 0.33%
```
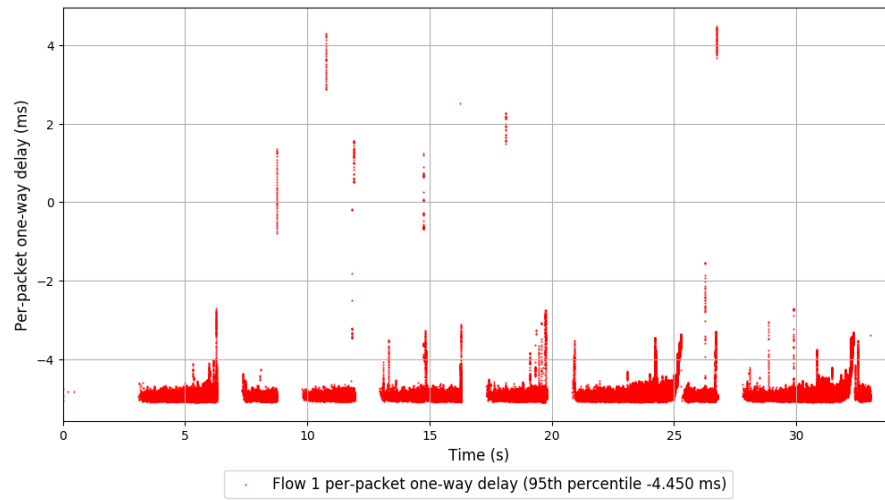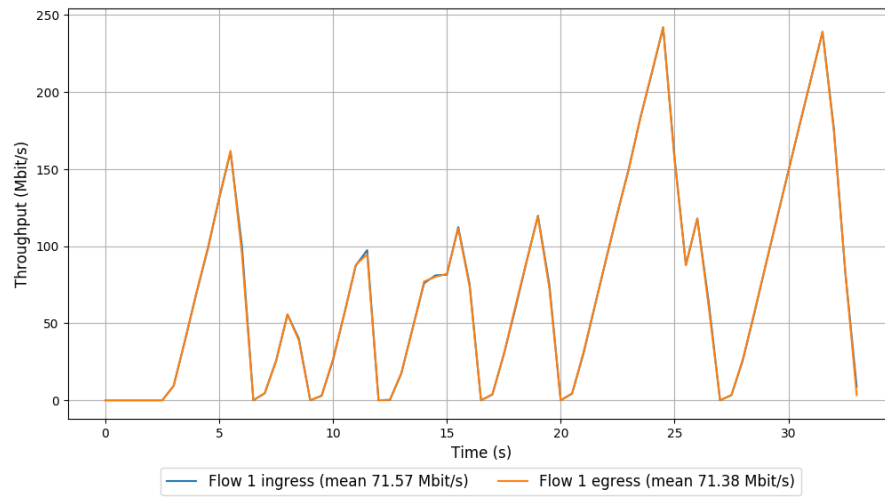
# Run 9: Report of LEDBAT — Data Link

```
Run 10: Statistics of LEDBAT

Start at: Fri, 23 Jun 2017 23:42:40 +0000
End at: Fri, 23 Jun 2017 23:43:10 +0000
Local clock offset: 3.085 ms
Remote clock offset: -2.446 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:35:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.66 Mbit/s
95th percentile per-packet one-way delay: -3.957 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 89.66 Mbit/s
95th percentile per-packet one-way delay: -3.957 ms
Loss rate: 0.27%
```
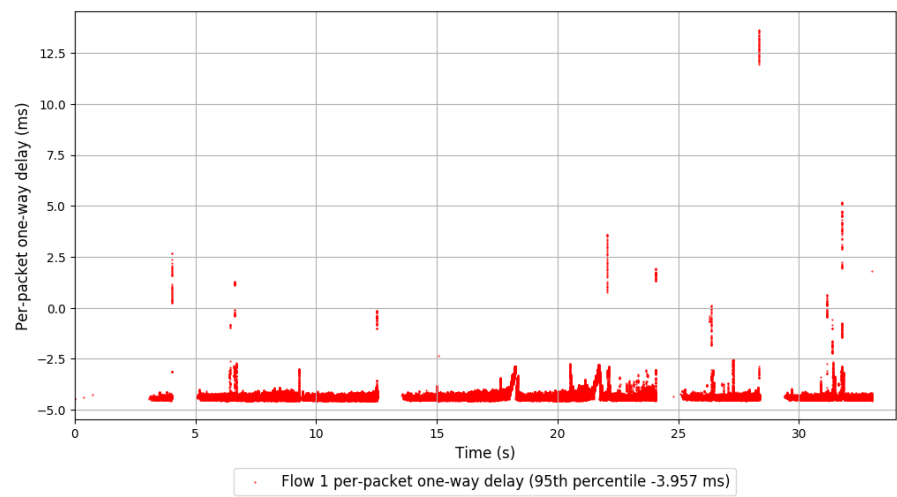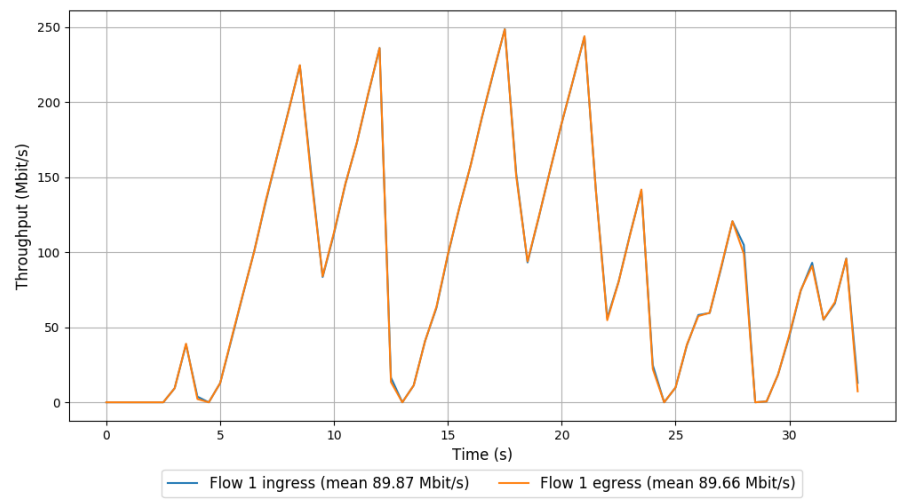
Run 10: Report of LEDBAT — Data Link



Flow 1 ingress (mean 89.87 Mbit/s) —— Flow 1 egress (mean 89.66 Mbit/s)



· Flow 1 per-packet one-way delay (95th percentile -3.957 ms)
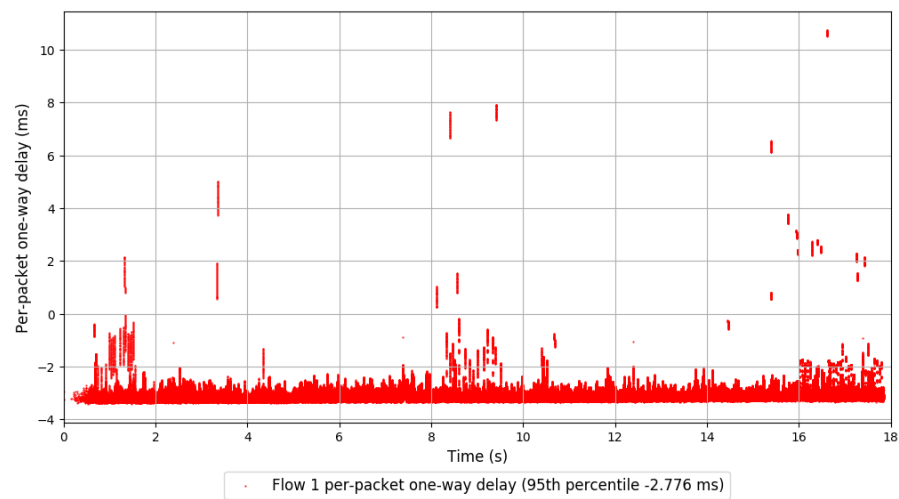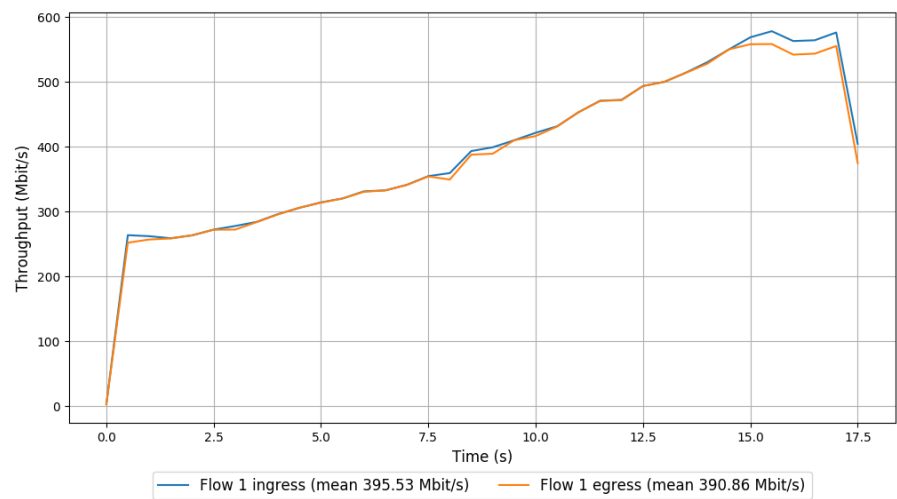
```
Run 1: Statistics of PCC

Start at: Fri, 23 Jun 2017 20:42:57 +0000
End at: Fri, 23 Jun 2017 20:43:27 +0000
Local clock offset: 2.788 ms
Remote clock offset: -1.683 ms
```

Run 1: Report of PCC — Data Link

```
Run 2: Statistics of PCC

Start at: Fri, 23 Jun 2017 21:02:32 +0000
End at: Fri, 23 Jun 2017 21:03:02 +0000
Local clock offset: 2.334 ms
Remote clock offset: -1.656 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:36:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 599.25 Mbit/s
95th percentile per-packet one-way delay: -2.452 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 599.25 Mbit/s
95th percentile per-packet one-way delay: -2.452 ms
Loss rate: 1.18%
```
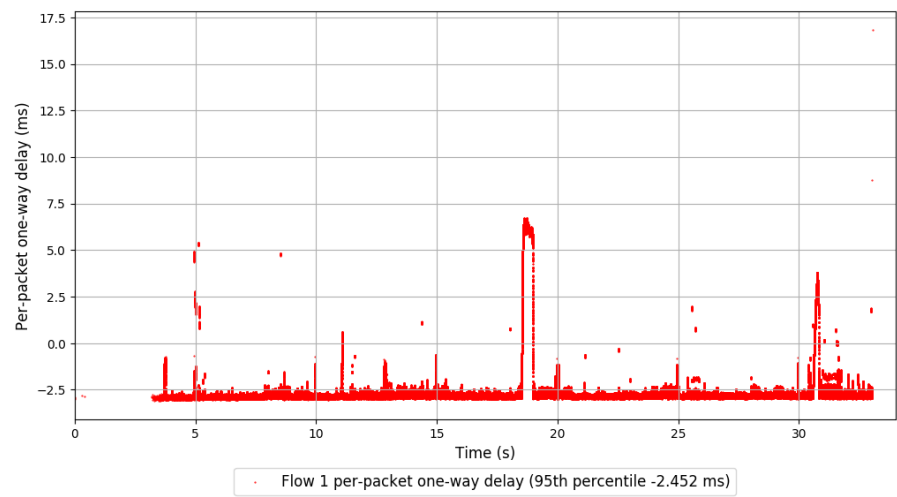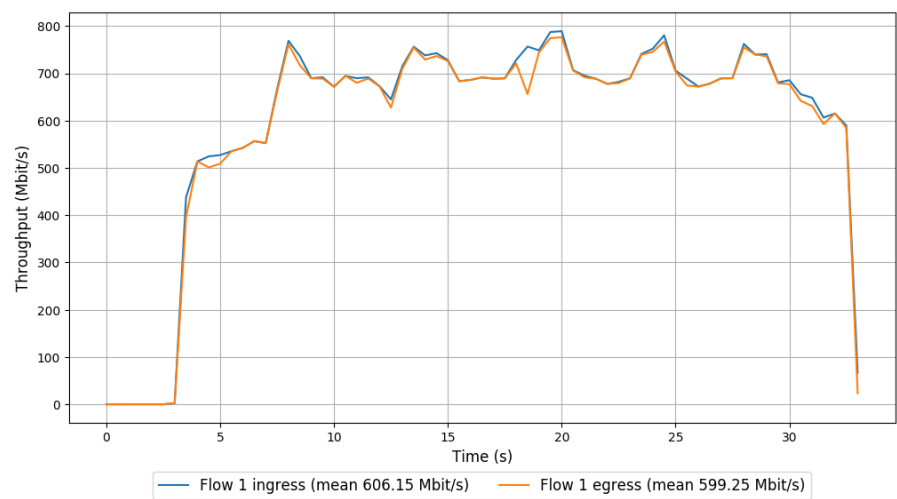
# Run 2: Report of PCC — Data Link



Flow 1 ingress (mean 606.15 Mbit/s)    Flow 1 egress (mean 599.25 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -2.452 ms)
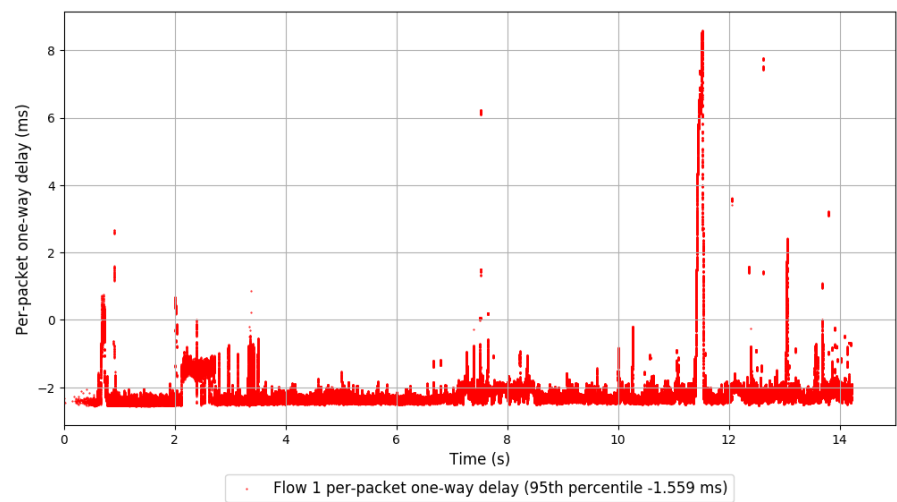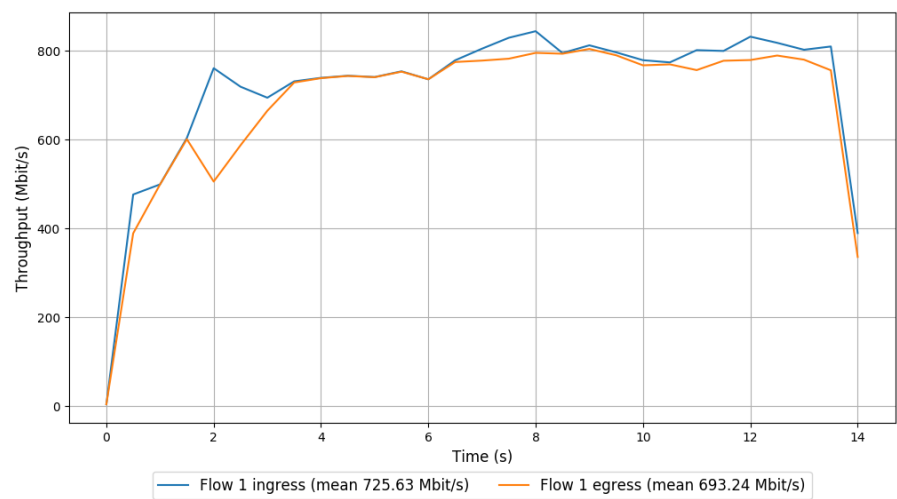
Run 3: Statistics of PCC

Start at: Fri, 23 Jun 2017 21:22:23 +0000
End at: Fri, 23 Jun 2017 21:22:53 +0000
Local clock offset: 1.426 ms
Remote clock offset: -2.066 ms

Run 3: Report of PCC — Data Link



Flow 1 ingress (mean 725.63 Mbit/s)    Flow 1 egress (mean 693.24 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -1.559 ms)
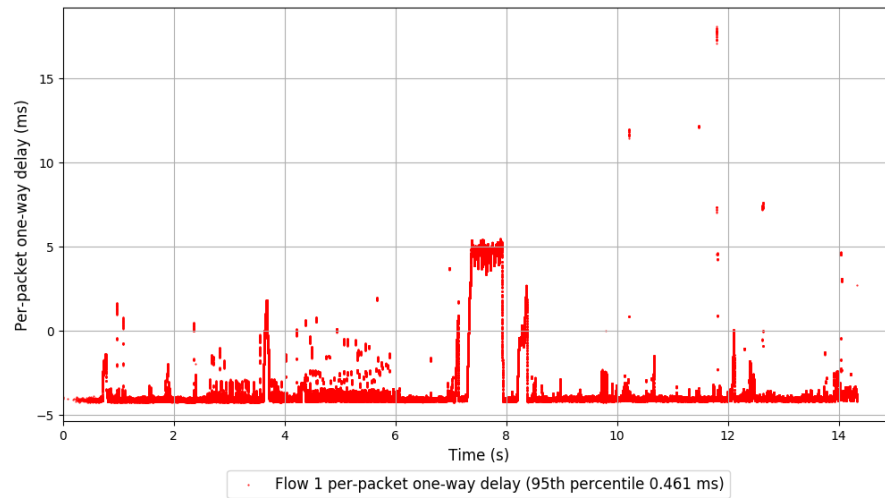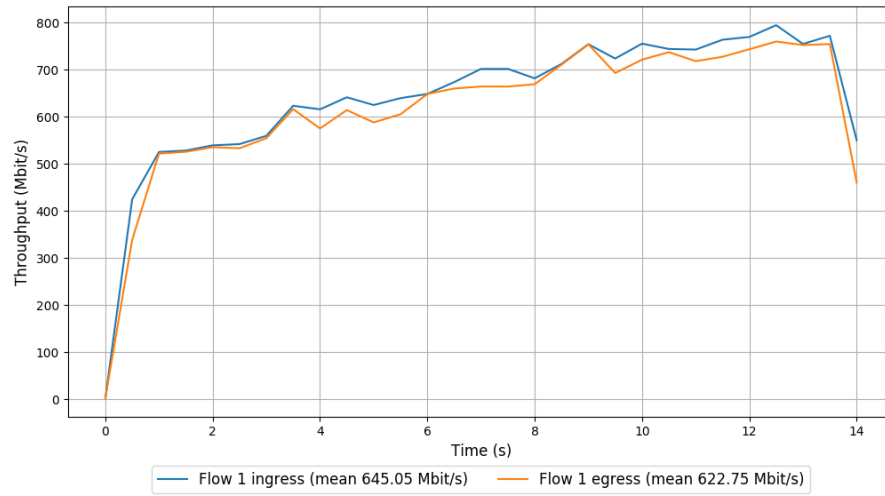
Run 4: Statistics of PCC

Start at: Fri, 23 Jun 2017 21:41:42 +0000
End at: Fri, 23 Jun 2017 21:42:12 +0000
Local clock offset: 2.877 ms
Remote clock offset: -2.248 ms

# Run 4: Report of PCC — Data Link



Flow 1 ingress (mean 645.05 Mbit/s)    Flow 1 egress (mean 622.75 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile 0.461 ms)

```
Run 5: Statistics of PCC

Start at: Fri, 23 Jun 2017 22:01:19 +0000
End at: Fri, 23 Jun 2017 22:01:49 +0000
Local clock offset: 3.18 ms
Remote clock offset: -2.553 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:37:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 572.80 Mbit/s
95th percentile per-packet one-way delay: 3.089 ms
Loss rate: 4.04%
-- Flow 1:
Average throughput: 572.80 Mbit/s
95th percentile per-packet one-way delay: 3.089 ms
Loss rate: 4.04%
```
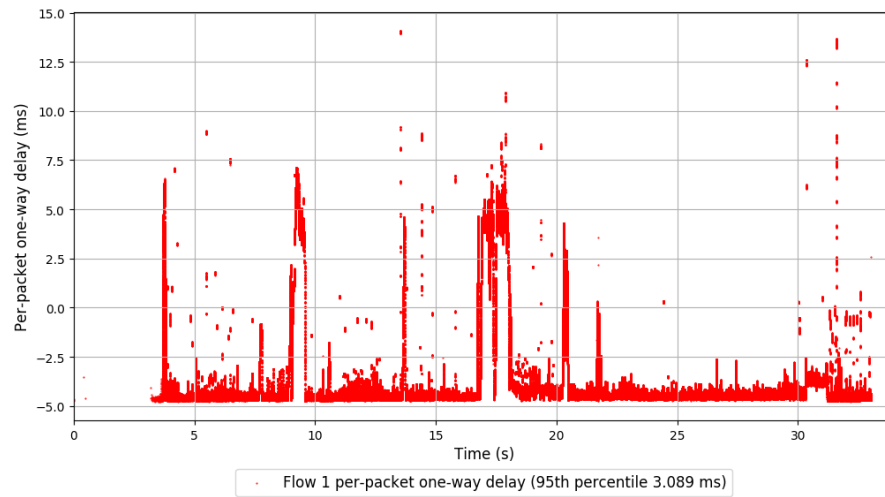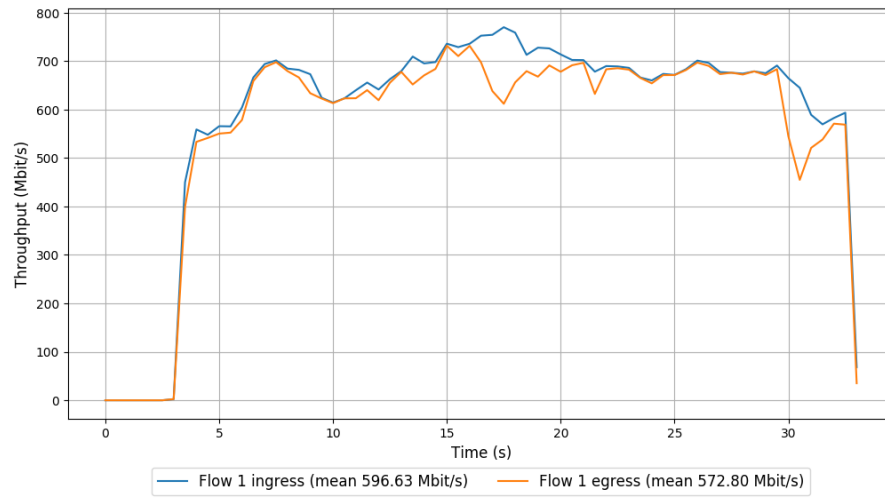
Run 5: Report of PCC — Data Link



Flow 1 ingress (mean 596.63 Mbit/s)    Flow 1 egress (mean 572.80 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile 3.089 ms)
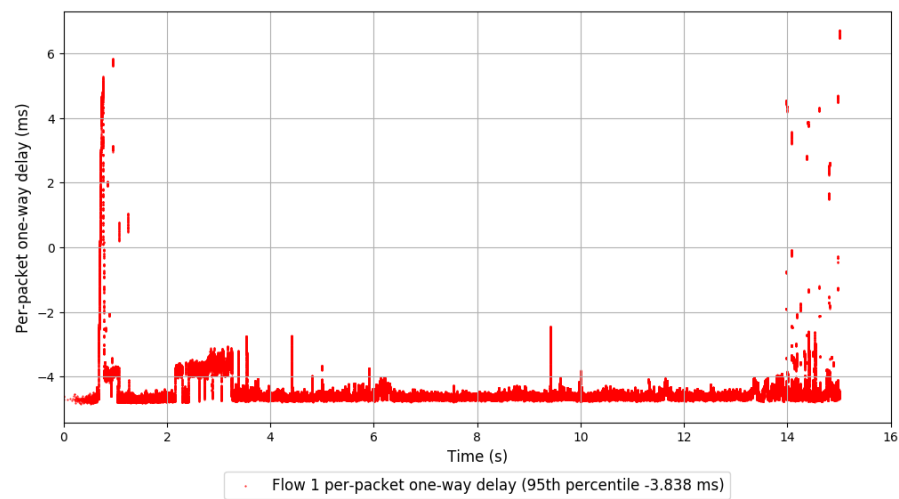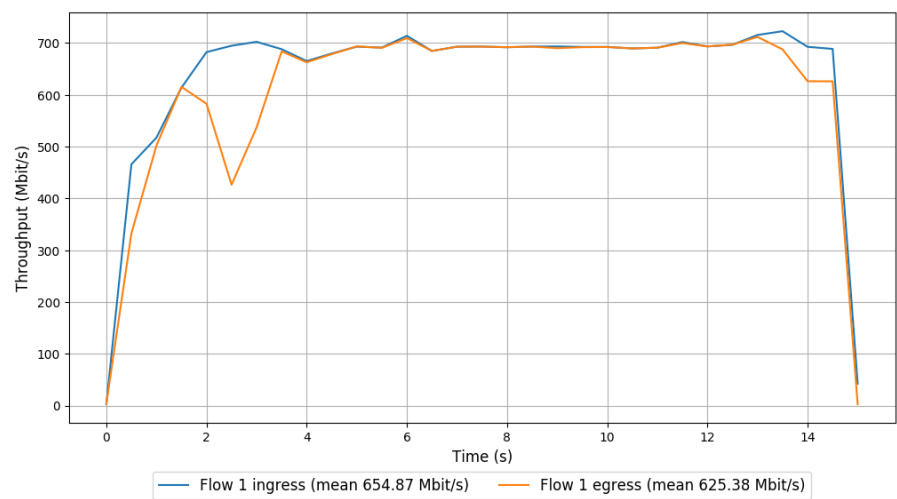
```
Run 6: Statistics of PCC

Start at: Fri, 23 Jun 2017 22:20:56 +0000
End at: Fri, 23 Jun 2017 22:21:26 +0000
Local clock offset: 3.103 ms
Remote clock offset: -2.688 ms
```

Run 6: Report of PCC — Data Link



Flow 1 ingress (mean 654.87 Mbit/s)     Flow 1 egress (mean 625.38 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -3.838 ms)

```
Run 7: Statistics of PCC

Start at: Fri, 23 Jun 2017 22:40:27 +0000
End at: Fri, 23 Jun 2017 22:40:57 +0000
Local clock offset: 3.386 ms
Remote clock offset: -2.671 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:38:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 527.16 Mbit/s
95th percentile per-packet one-way delay: -4.354 ms
Loss rate: 3.63%
-- Flow 1:
Average throughput: 527.16 Mbit/s
95th percentile per-packet one-way delay: -4.354 ms
Loss rate: 3.63%
```
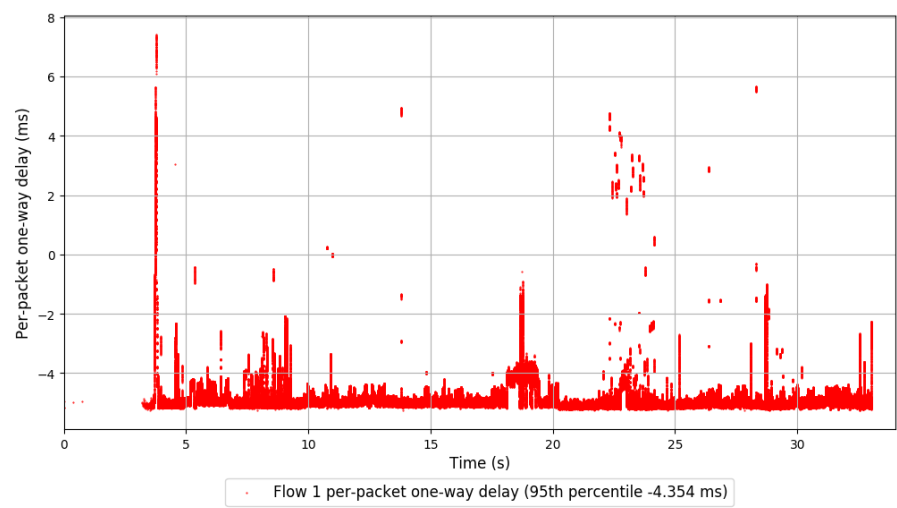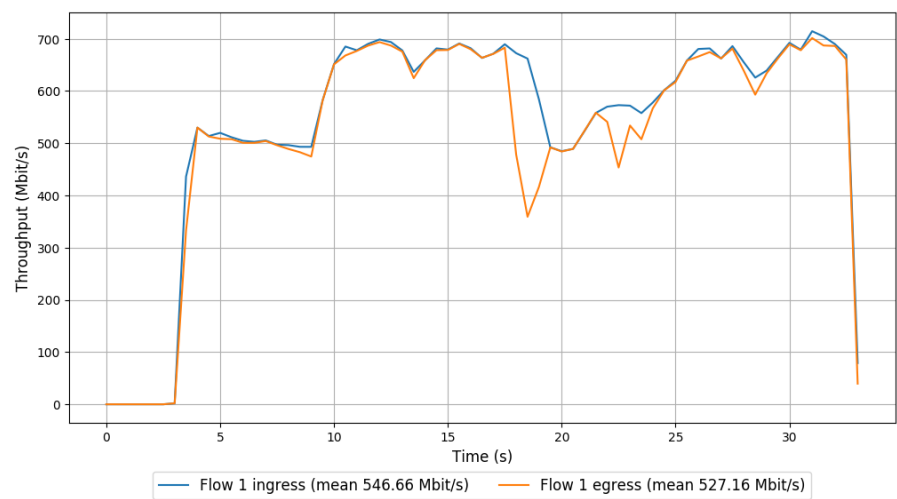
Run 7: Report of PCC — Data Link



Flow 1 ingress (mean 546.66 Mbit/s)    Flow 1 egress (mean 527.16 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -4.354 ms)

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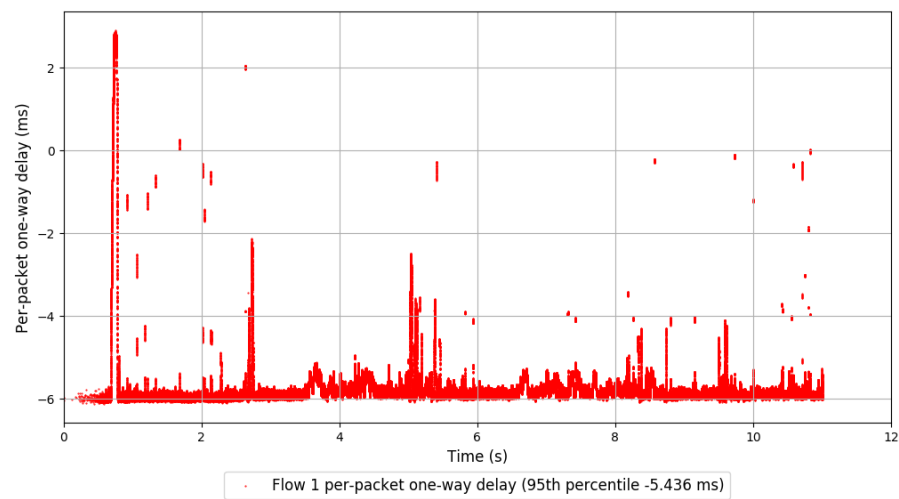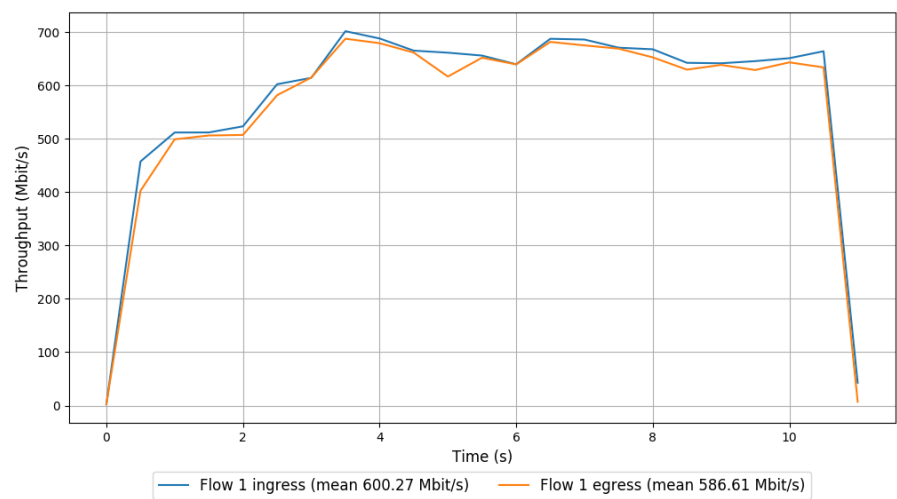
```
Run 8: Statistics of PCC

Start at: Fri, 23 Jun 2017 22:59:57 +0000
End at: Fri, 23 Jun 2017 23:00:27 +0000
Local clock offset: 4.527 ms
Remote clock offset: -2.572 ms
```

Run 8: Report of PCC — Data Link



Flow 1 ingress (mean 600.27 Mbit/s) ——— Flow 1 egress (mean 586.61 Mbit/s)



· Flow 1 per-packet one-way delay (95th percentile -5.436 ms)

```
Run 9: Statistics of PCC

Start at: Fri, 23 Jun 2017 23:19:13 +0000
End at: Fri, 23 Jun 2017 23:19:43 +0000
Local clock offset: 3.854 ms
Remote clock offset: -2.281 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:40:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 594.61 Mbit/s
95th percentile per-packet one-way delay: -4.499 ms
Loss rate: 1.64%
-- Flow 1:
Average throughput: 594.61 Mbit/s
95th percentile per-packet one-way delay: -4.499 ms
Loss rate: 1.64%
```
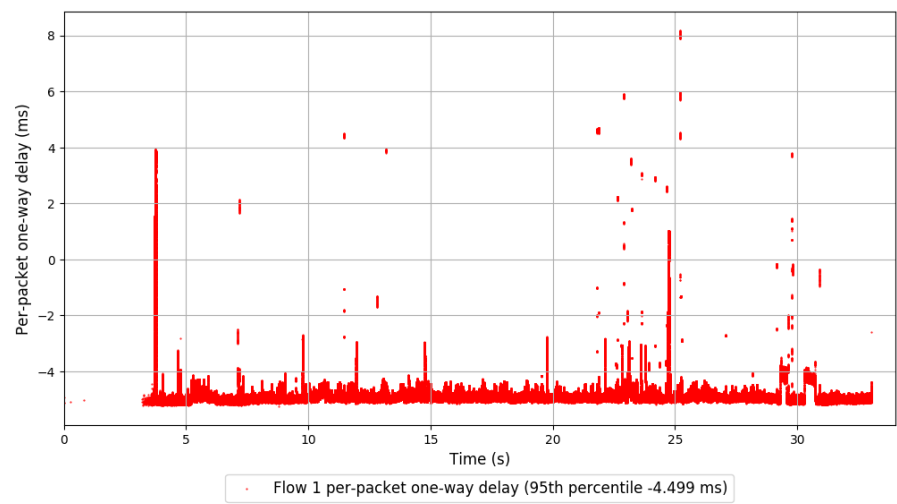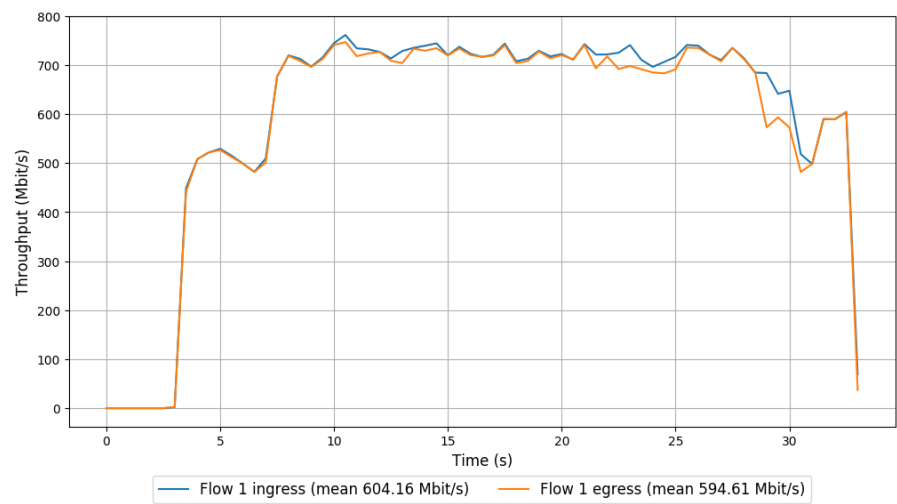
Run 9: Report of PCC — Data Link



Flow 1 ingress (mean 604.16 Mbit/s)    Flow 1 egress (mean 594.61 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -4.499 ms)

```
Run 10: Statistics of PCC

Start at: Fri, 23 Jun 2017 23:38:58 +0000
End at: Fri, 23 Jun 2017 23:39:28 +0000
Local clock offset: 3.294 ms
Remote clock offset: -2.314 ms
```
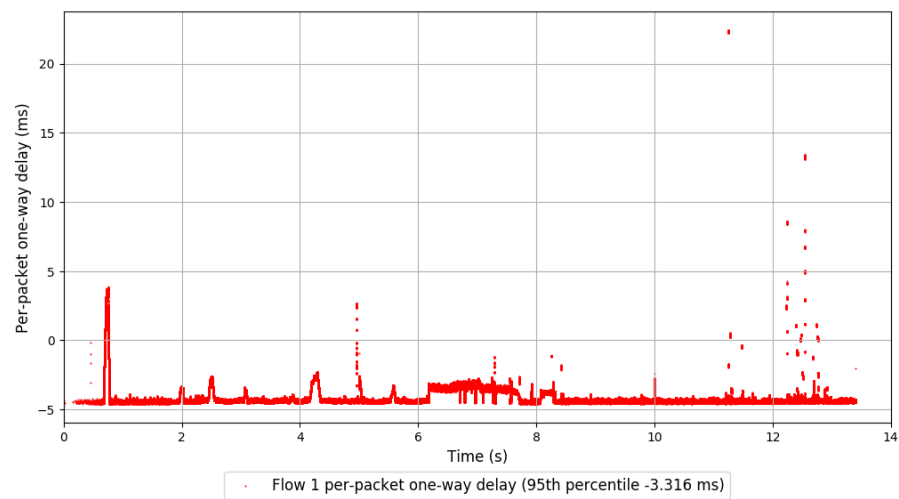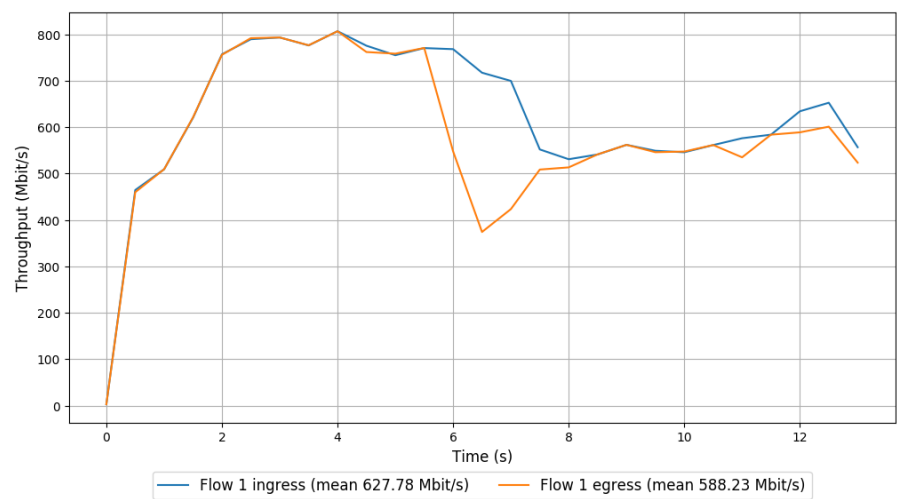
## Run 10: Report of PCC — Data Link



Flow 1 ingress (mean 627.78 Mbit/s)    Flow 1 egress (mean 588.23 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -3.316 ms)

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

Start at: Fri, 23 Jun 2017 20:38:58 +0000
End at: Fri, 23 Jun 2017 20:39:28 +0000
Local clock offset: 3.489 ms
Remote clock offset: -1.657 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:40:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.18 Mbit/s
95th percentile per-packet one-way delay: -3.896 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 14.18 Mbit/s
95th percentile per-packet one-way delay: -3.896 ms
Loss rate: 0.22%
```
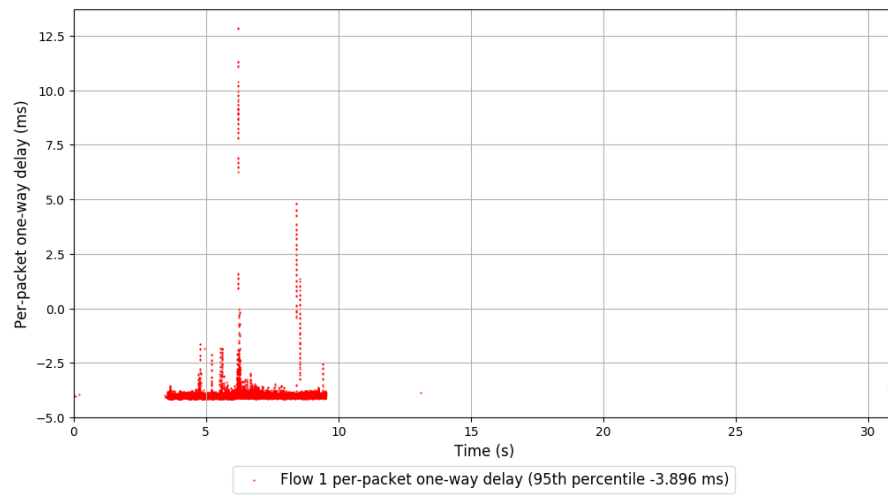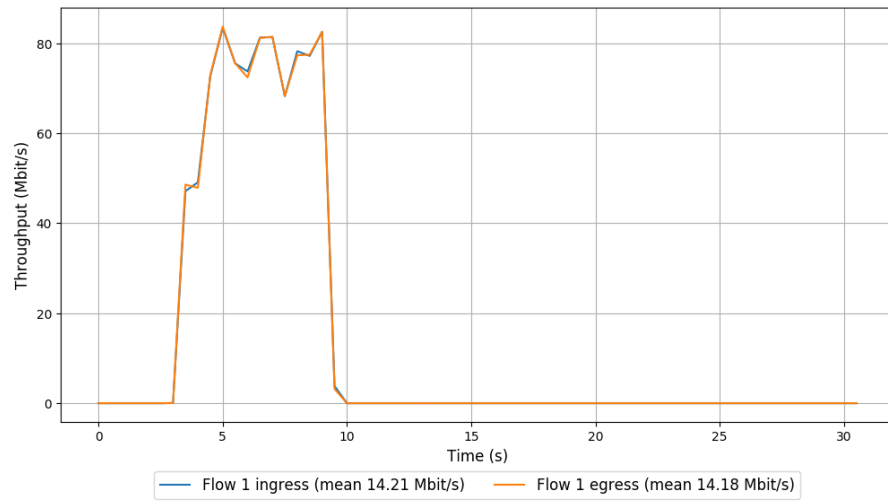
Run 1: Report of QUIC Cubic (toy) — Data Link

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

Start at: Fri, 23 Jun 2017 20:58:38 +0000
End at: Fri, 23 Jun 2017 20:59:08 +0000
Local clock offset: 1.994 ms
Remote clock offset: -1.488 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:40:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.28 Mbit/s
95th percentile per-packet one-way delay: -2.490 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 14.28 Mbit/s
95th percentile per-packet one-way delay: -2.490 ms
Loss rate: 0.27%
```
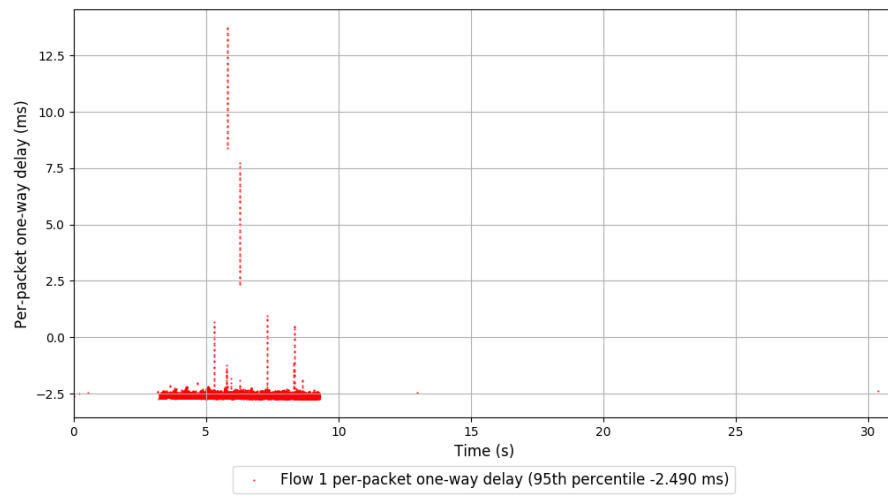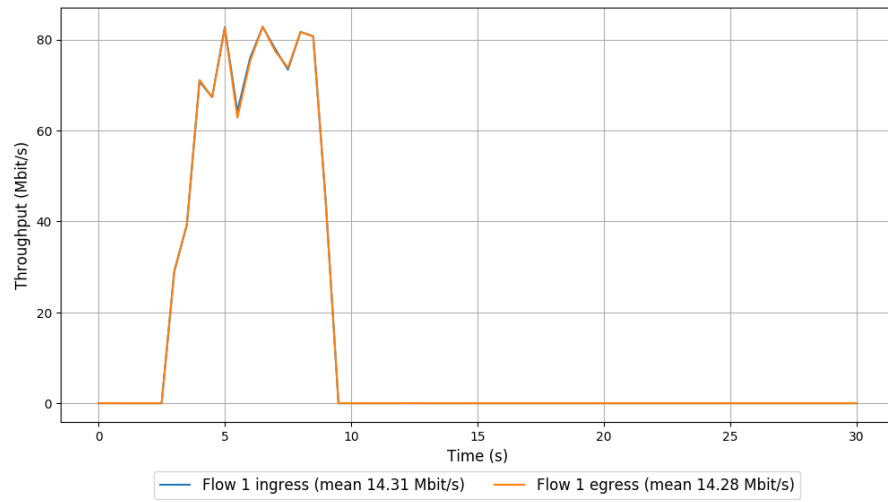
Run 2: Report of QUIC Cubic (toy) — Data Link

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

Start at: Fri, 23 Jun 2017 21:18:27 +0000
End at: Fri, 23 Jun 2017 21:18:57 +0000
Local clock offset: 1.581 ms
Remote clock offset: -1.925 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:40:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.96 Mbit/s
95th percentile per-packet one-way delay: -2.345 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 13.96 Mbit/s
95th percentile per-packet one-way delay: -2.345 ms
Loss rate: 0.07%
```
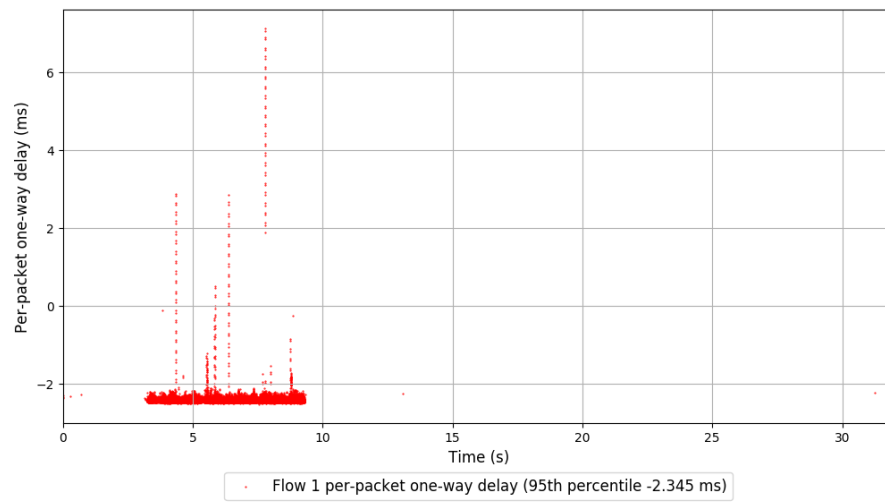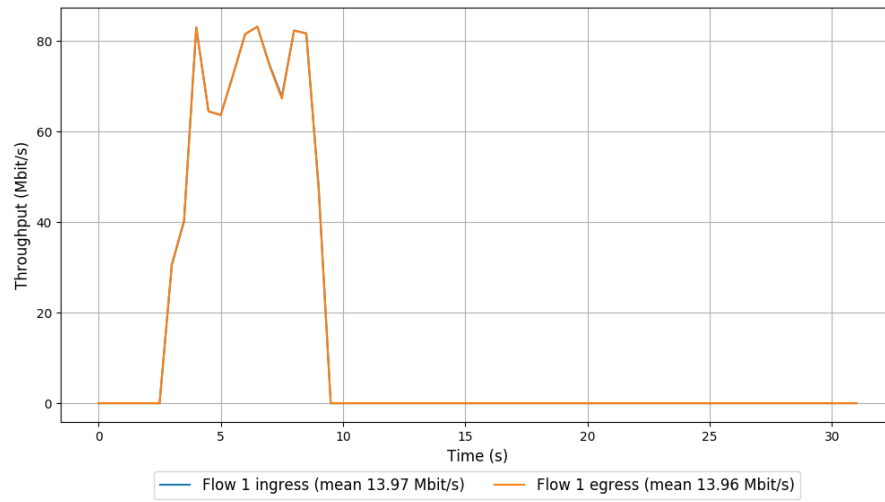
Run 3: Report of QUIC Cubic (toy) — Data Link



Flow 1 ingress (mean 13.97 Mbit/s)    Flow 1 egress (mean 13.96 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -2.345 ms)

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

Start at: Fri, 23 Jun 2017 21:37:46 +0000
End at: Fri, 23 Jun 2017 21:38:16 +0000
Local clock offset: 2.491 ms
Remote clock offset: -2.105 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:40:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.88 Mbit/s
95th percentile per-packet one-way delay: -3.494 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.88 Mbit/s
95th percentile per-packet one-way delay: -3.494 ms
Loss rate: 0.00%
```
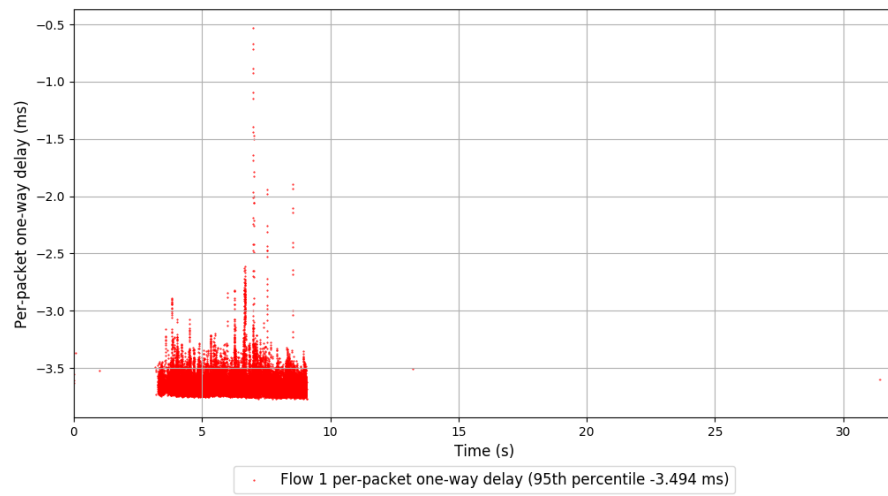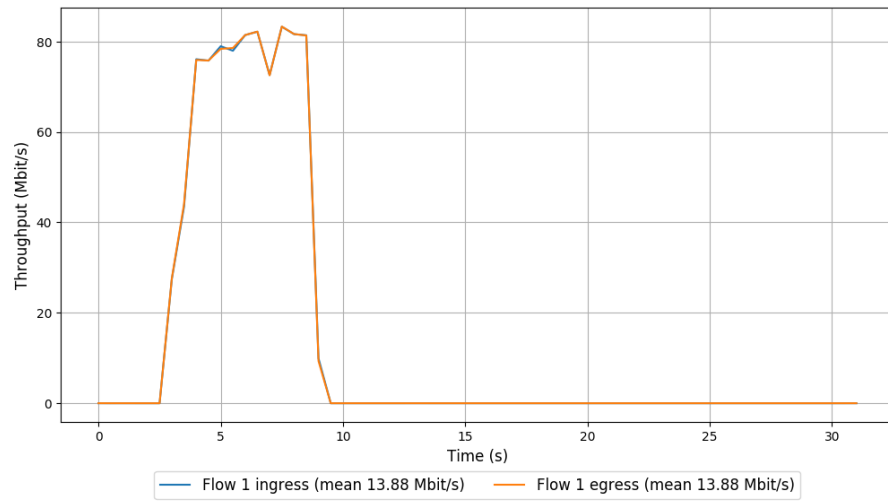
Run 4: Report of QUIC Cubic (toy) — Data Link



Flow 1 ingress (mean 13.88 Mbit/s)    Flow 1 egress (mean 13.88 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -3.494 ms)

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

Start at: Fri, 23 Jun 2017 21:57:25 +0000
End at: Fri, 23 Jun 2017 21:57:55 +0000
Local clock offset: 3.16 ms
Remote clock offset: -2.48 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:40:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.57 Mbit/s
95th percentile per-packet one-way delay: -4.532 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 16.57 Mbit/s
95th percentile per-packet one-way delay: -4.532 ms
Loss rate: 0.70%
```
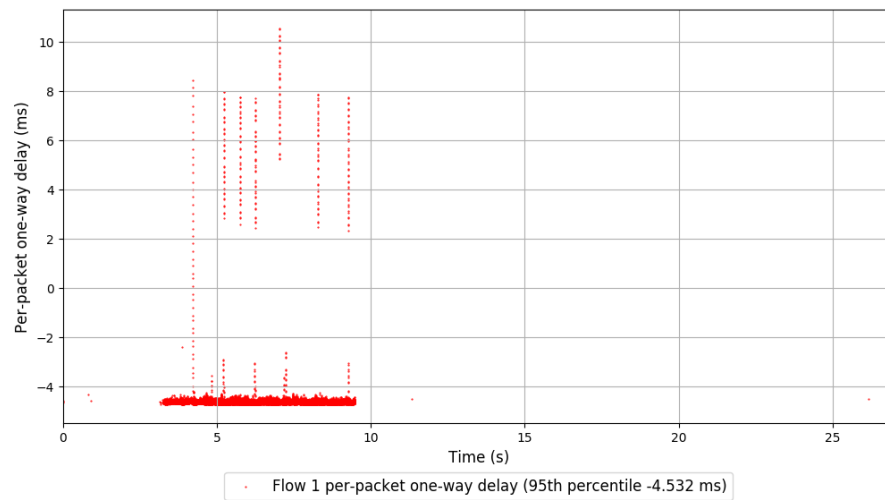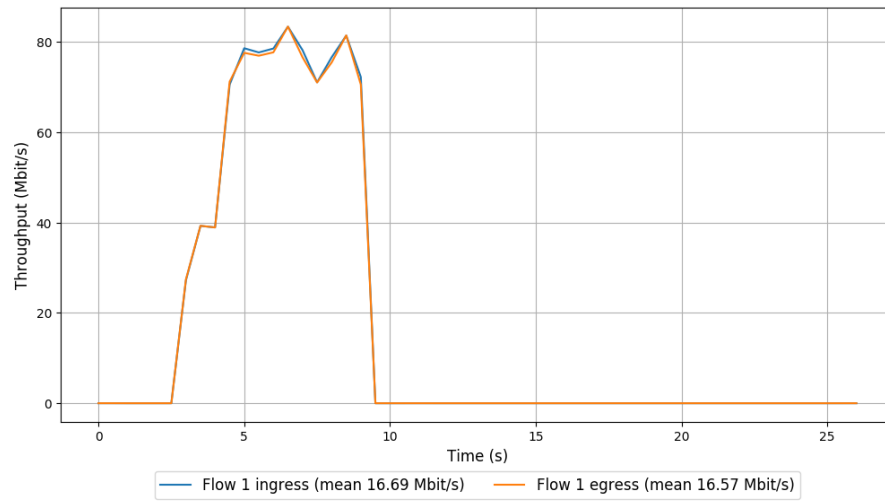
Run 5: Report of QUIC Cubic (toy) — Data Link



Flow 1 ingress (mean 16.69 Mbit/s)     Flow 1 egress (mean 16.57 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -4.532 ms)

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

Start at: Fri, 23 Jun 2017 22:17:02 +0000
End at: Fri, 23 Jun 2017 22:17:32 +0000
Local clock offset: 3.094 ms
Remote clock offset: -2.646 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:40:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.65 Mbit/s
95th percentile per-packet one-way delay: -4.528 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 16.65 Mbit/s
95th percentile per-packet one-way delay: -4.528 ms
Loss rate: 0.04%
```
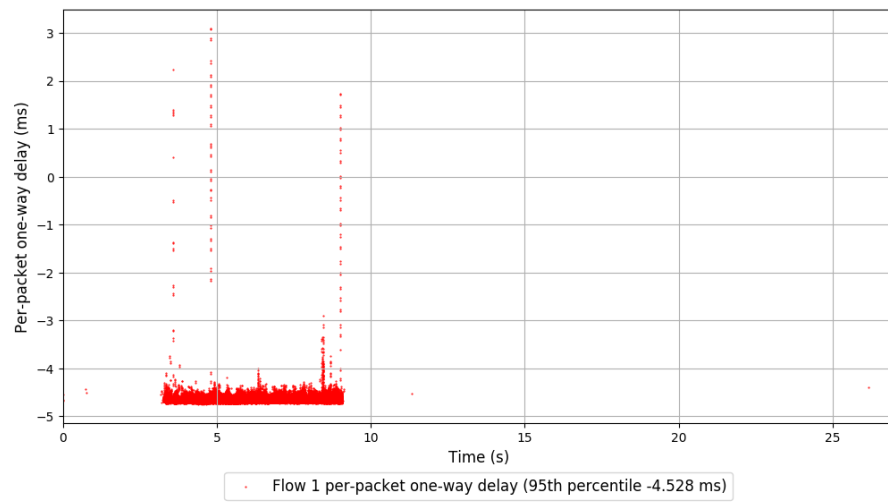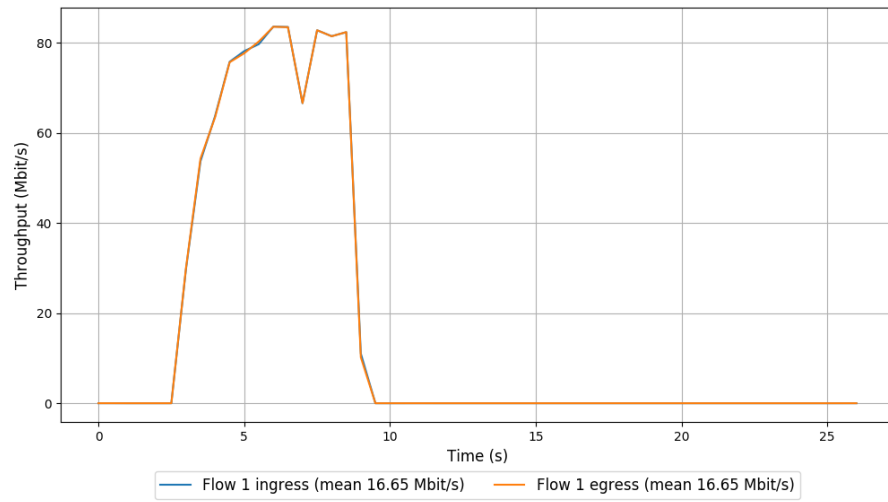
Run 6: Report of QUIC Cubic (toy) — Data Link



Flow 1 ingress (mean 16.65 Mbit/s)     Flow 1 egress (mean 16.65 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -4.528 ms)

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

Start at: Fri, 23 Jun 2017 22:36:31 +0000
End at: Fri, 23 Jun 2017 22:37:01 +0000
Local clock offset: 2.906 ms
Remote clock offset: -2.744 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:40:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.55 Mbit/s
95th percentile per-packet one-way delay: -4.473 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 16.55 Mbit/s
95th percentile per-packet one-way delay: -4.473 ms
Loss rate: 0.01%
```
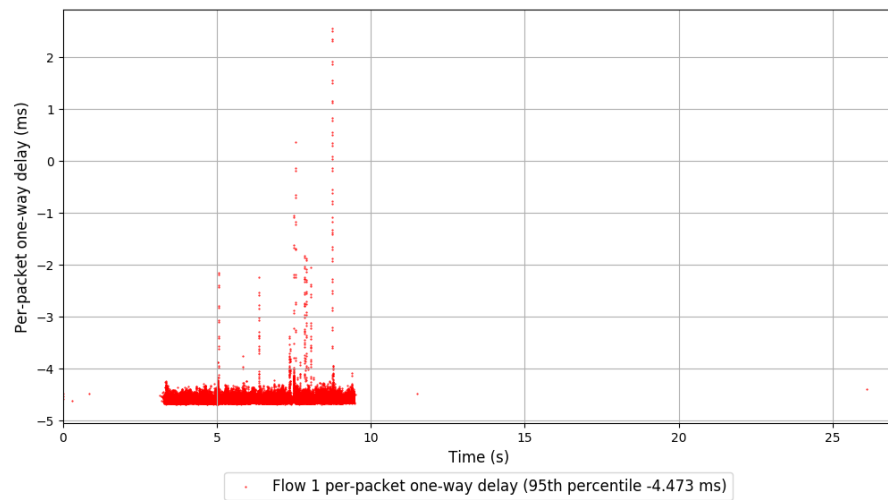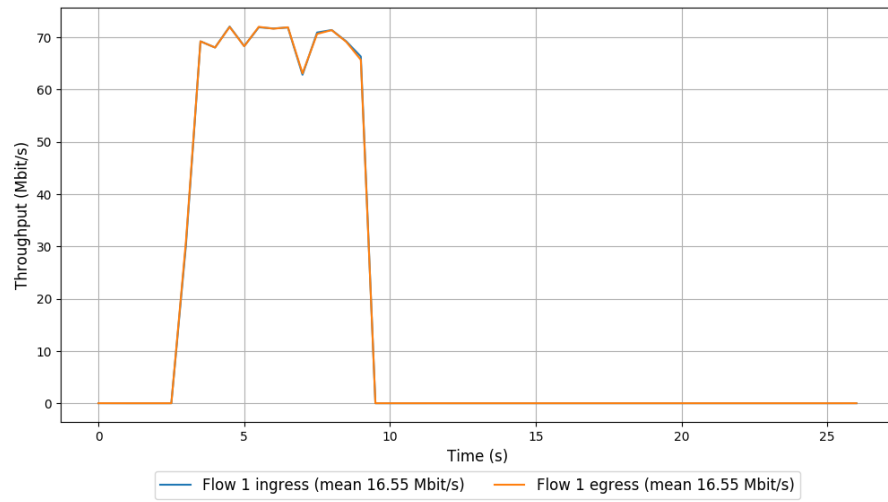
Run 7: Report of QUIC Cubic (toy) — Data Link

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

Start at: Fri, 23 Jun 2017 22:56:03 +0000
End at: Fri, 23 Jun 2017 22:56:33 +0000
Local clock offset: 4.539 ms
Remote clock offset: -2.781 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:40:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.07 Mbit/s
95th percentile per-packet one-way delay: -6.058 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 14.07 Mbit/s
95th percentile per-packet one-way delay: -6.058 ms
Loss rate: 0.10%
```
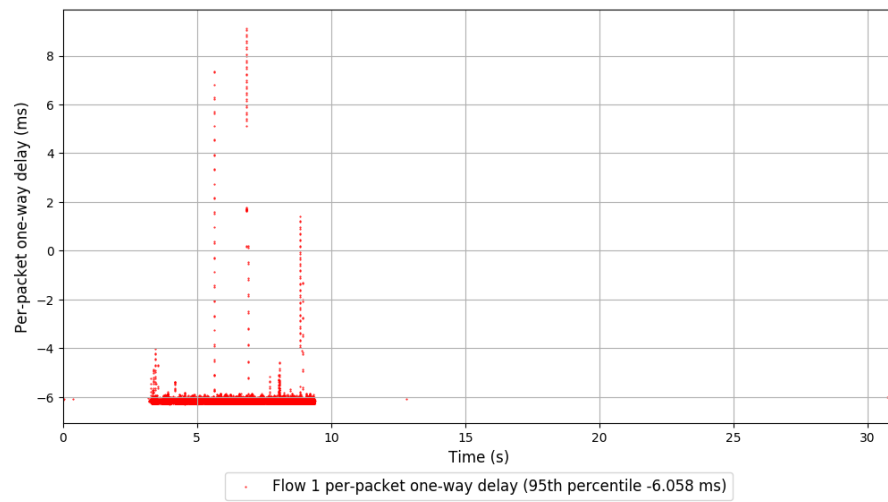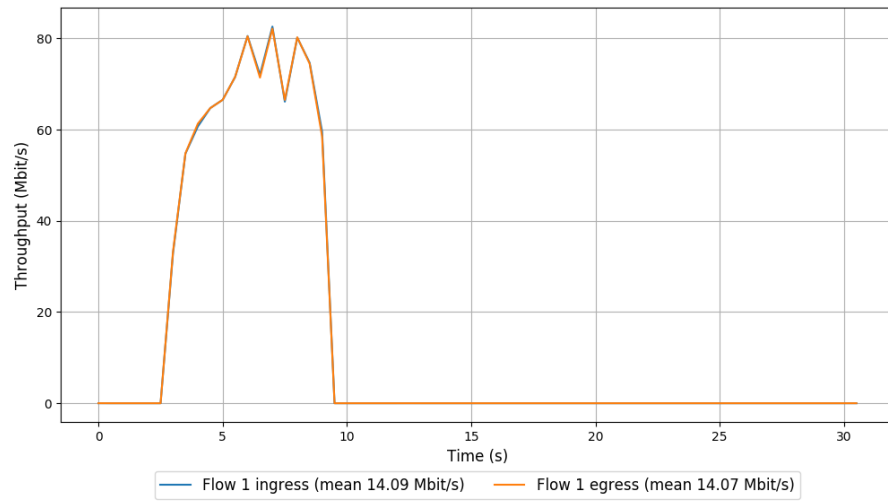
Run 8: Report of QUIC Cubic (toy) — Data Link



Flow 1 ingress (mean 14.09 Mbit/s) — Flow 1 egress (mean 14.07 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -6.058 ms)

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

Start at: Fri, 23 Jun 2017 23:15:19 +0000
End at: Fri, 23 Jun 2017 23:15:49 +0000
Local clock offset: 4.203 ms
Remote clock offset: -2.232 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:40:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.46 Mbit/s
95th percentile per-packet one-way delay: -5.159 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 17.46 Mbit/s
95th percentile per-packet one-way delay: -5.159 ms
Loss rate: 0.00%
```
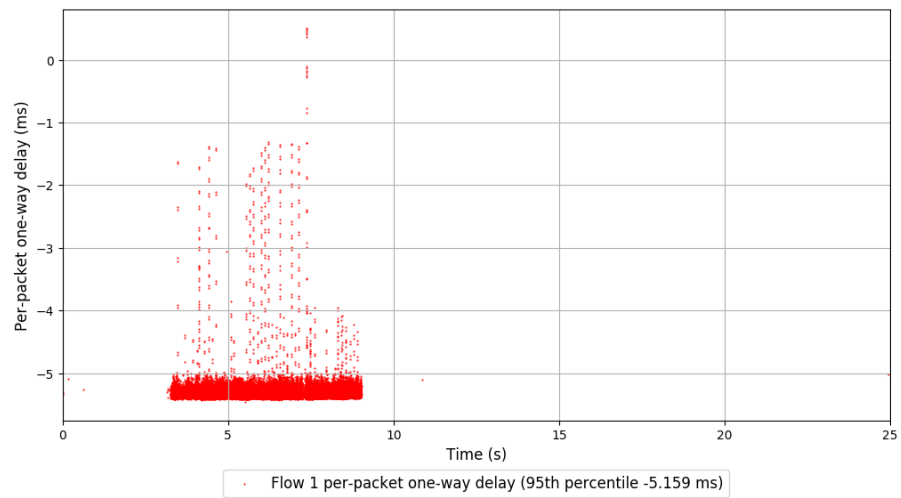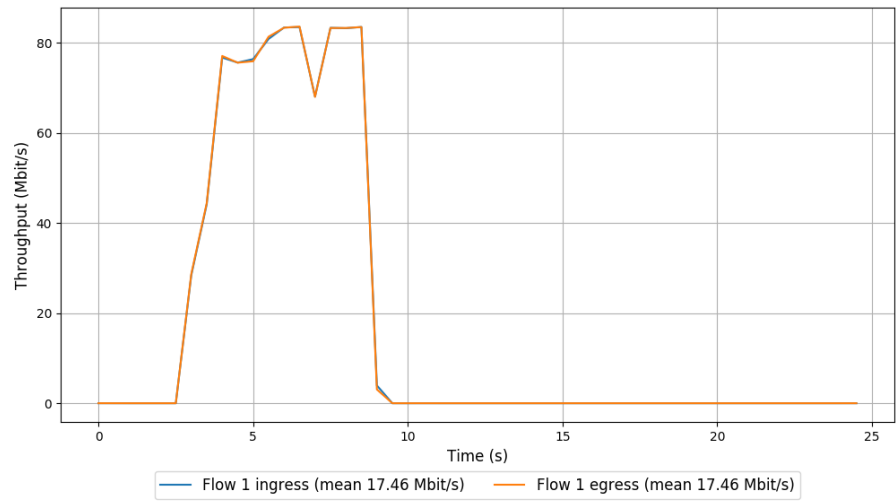
Run 9: Report of QUIC Cubic (toy) — Data Link



Flow 1 ingress (mean 17.46 Mbit/s)    Flow 1 egress (mean 17.46 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -5.159 ms)

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

Start at: Fri, 23 Jun 2017 23:35:02 +0000
End at: Fri, 23 Jun 2017 23:35:32 +0000
Local clock offset: 3.349 ms
Remote clock offset: -2.285 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:40:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.82 Mbit/s
95th percentile per-packet one-way delay: -4.396 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 15.82 Mbit/s
95th percentile per-packet one-way delay: -4.396 ms
Loss rate: 0.16%
```
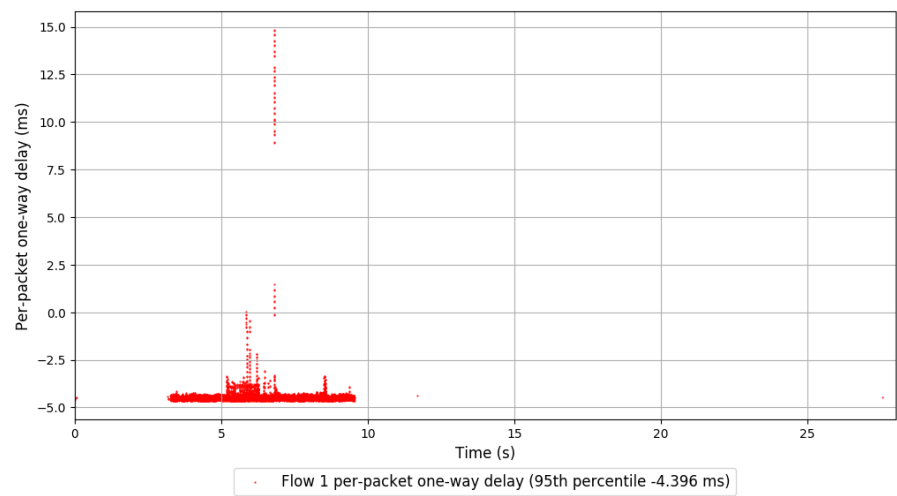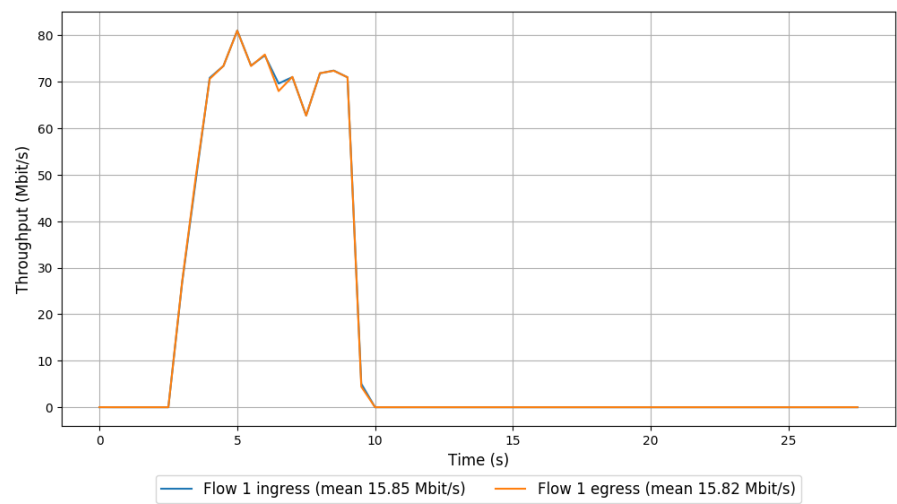
Run 10: Report of QUIC Cubic (toy) — Data Link

```
Run 1: Statistics of Saturator

Start at: Fri, 23 Jun 2017 20:54:49 +0000
End at: Fri, 23 Jun 2017 20:55:19 +0000
Local clock offset: 1.523 ms
Remote clock offset: -1.499 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:40:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 104.51 Mbit/s
95th percentile per-packet one-way delay: -1.006 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 104.51 Mbit/s
95th percentile per-packet one-way delay: -1.006 ms
Loss rate: 0.97%
```
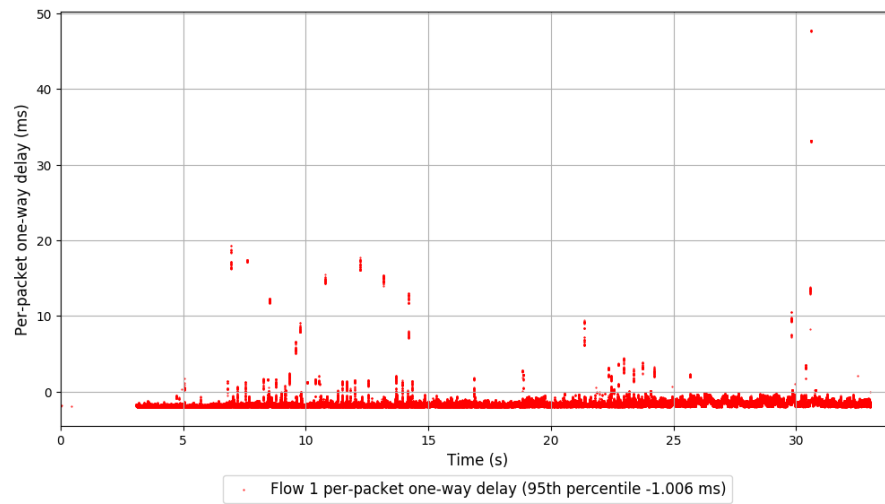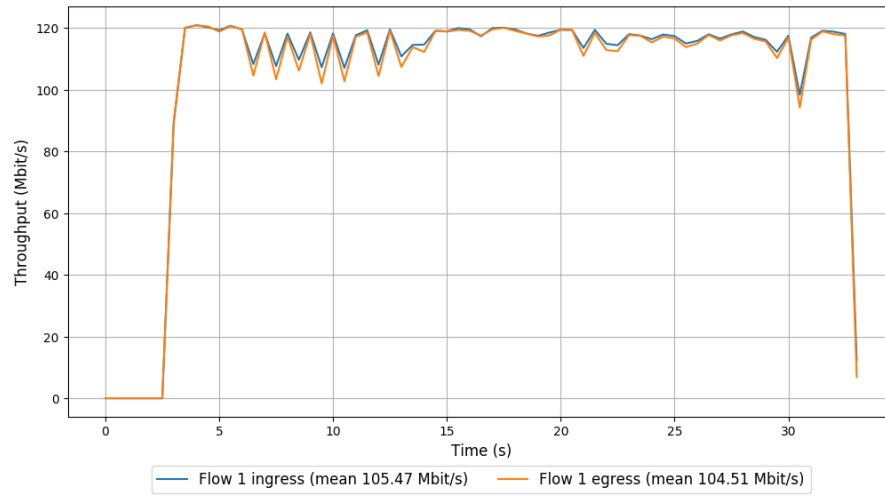
Run 1: Report of Saturator — Data Link

```
Run 2: Statistics of Saturator

Start at: Fri, 23 Jun 2017 21:14:44 +0000
End at: Fri, 23 Jun 2017 21:15:14 +0000
Local clock offset: 1.63 ms
Remote clock offset: -1.895 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:40:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 106.77 Mbit/s
95th percentile per-packet one-way delay: -2.235 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 106.77 Mbit/s
95th percentile per-packet one-way delay: -2.235 ms
Loss rate: 0.62%
```
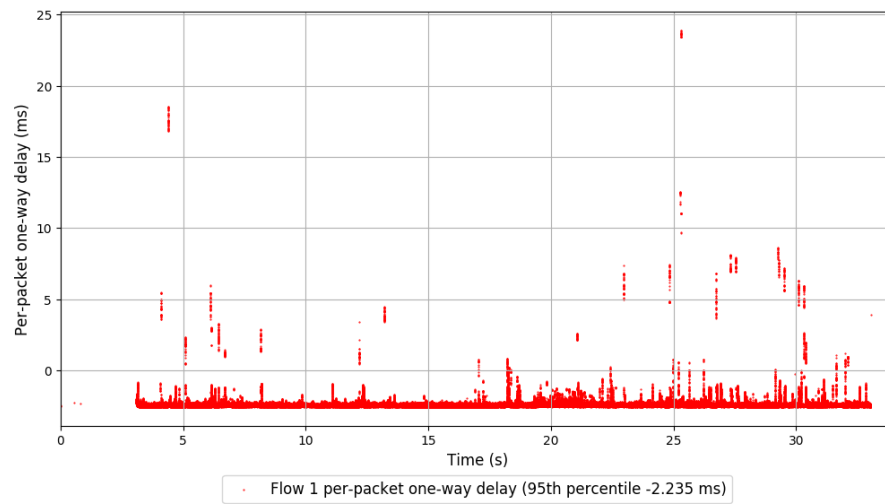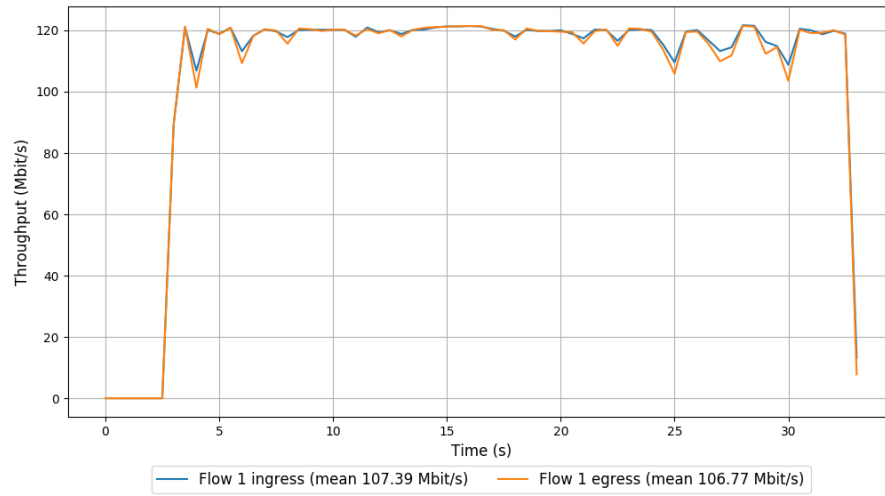
Run 2: Report of Saturator — Data Link



Flow 1 ingress (mean 107.39 Mbit/s)    Flow 1 egress (mean 106.77 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -2.235 ms)

```
Run 3: Statistics of Saturator

Start at: Fri, 23 Jun 2017 21:34:04 +0000
End at: Fri, 23 Jun 2017 21:34:34 +0000
Local clock offset: 2.082 ms
Remote clock offset: -2.084 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:40:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 107.56 Mbit/s
95th percentile per-packet one-way delay: -2.983 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 107.56 Mbit/s
95th percentile per-packet one-way delay: -2.983 ms
Loss rate: 0.38%
```
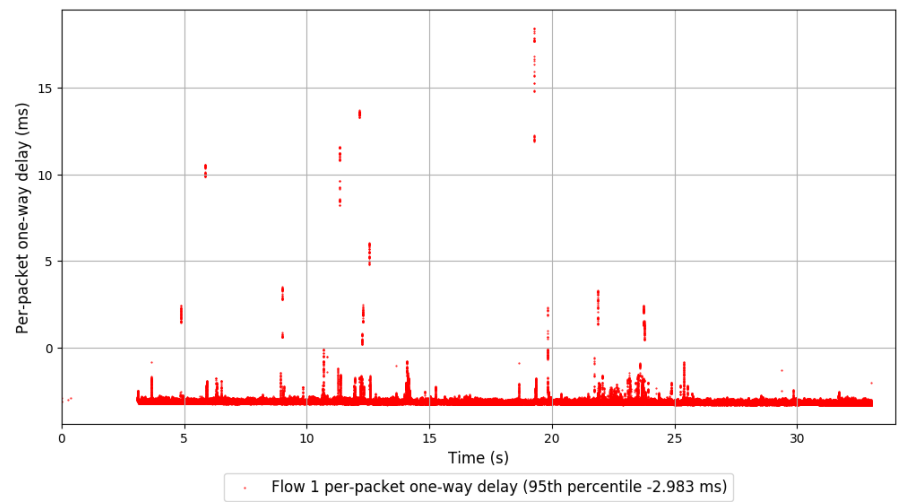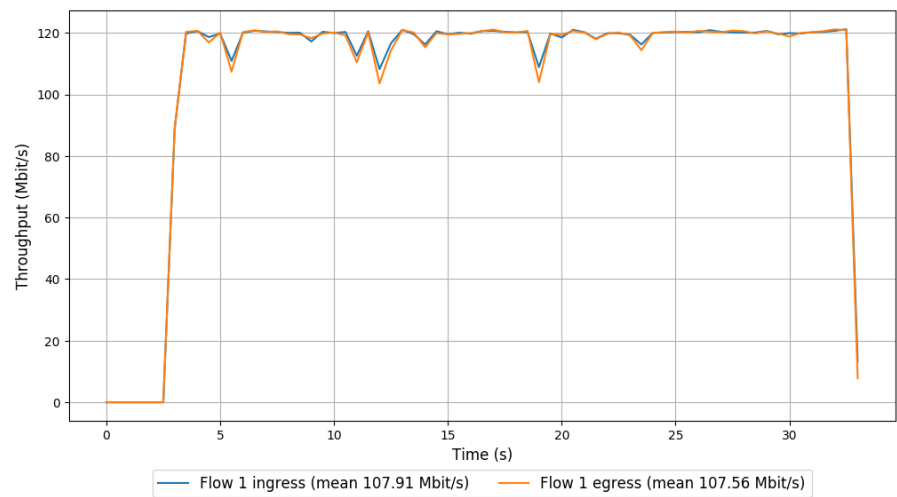
Run 3: Report of Saturator — Data Link



Flow 1 ingress (mean 107.91 Mbit/s)     Flow 1 egress (mean 107.56 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -2.983 ms)

```
Run 4: Statistics of Saturator

Start at: Fri, 23 Jun 2017 21:53:47 +0000
End at: Fri, 23 Jun 2017 21:54:17 +0000
Local clock offset: 3.129 ms
Remote clock offset: -2.444 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:40:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 106.07 Mbit/s
95th percentile per-packet one-way delay: -4.300 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 106.07 Mbit/s
95th percentile per-packet one-way delay: -4.300 ms
Loss rate: 0.73%
```
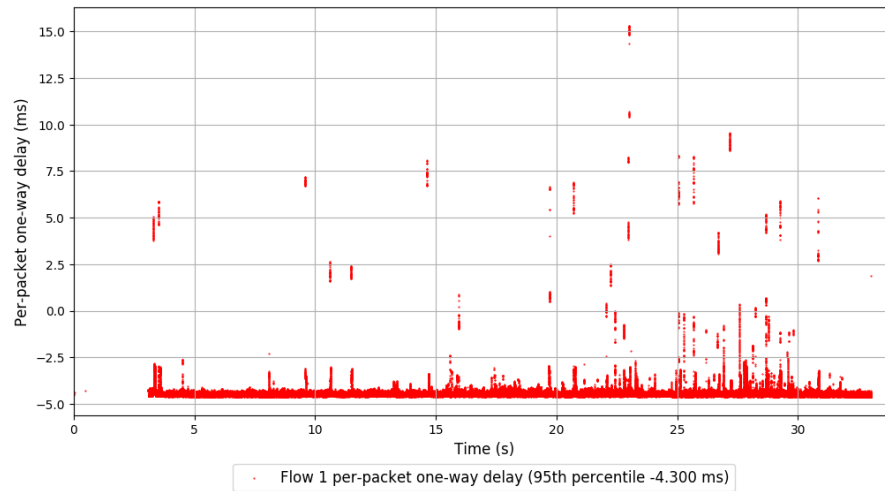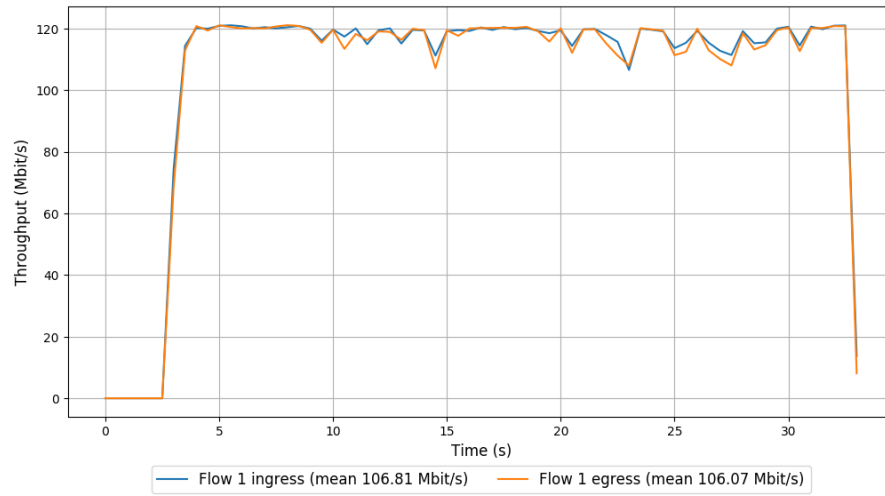
# Run 4: Report of Saturator — Data Link



Flow 1 ingress (mean 106.81 Mbit/s)    Flow 1 egress (mean 106.07 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -4.300 ms)

```
Run 5: Statistics of Saturator

Start at: Fri, 23 Jun 2017 22:13:19 +0000
End at: Fri, 23 Jun 2017 22:13:49 +0000
Local clock offset: 3.084 ms
Remote clock offset: -2.498 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:40:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 108.00 Mbit/s
95th percentile per-packet one-way delay: -4.341 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 108.00 Mbit/s
95th percentile per-packet one-way delay: -4.341 ms
Loss rate: 0.20%
```
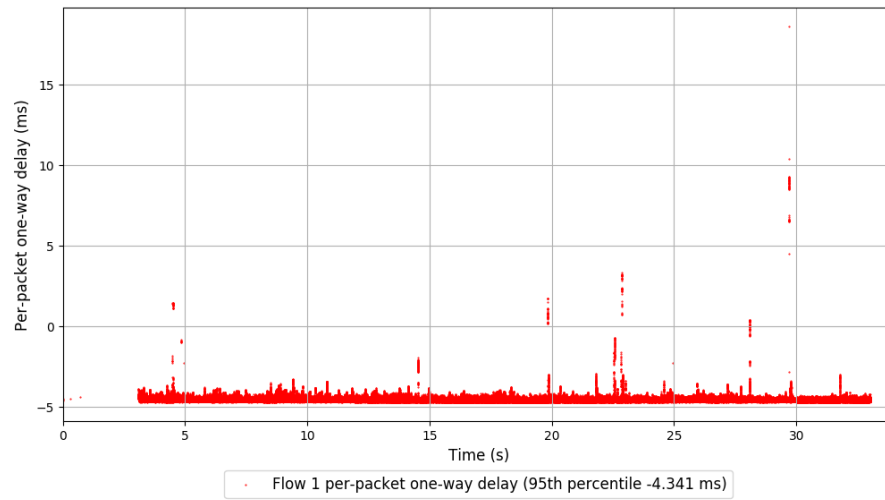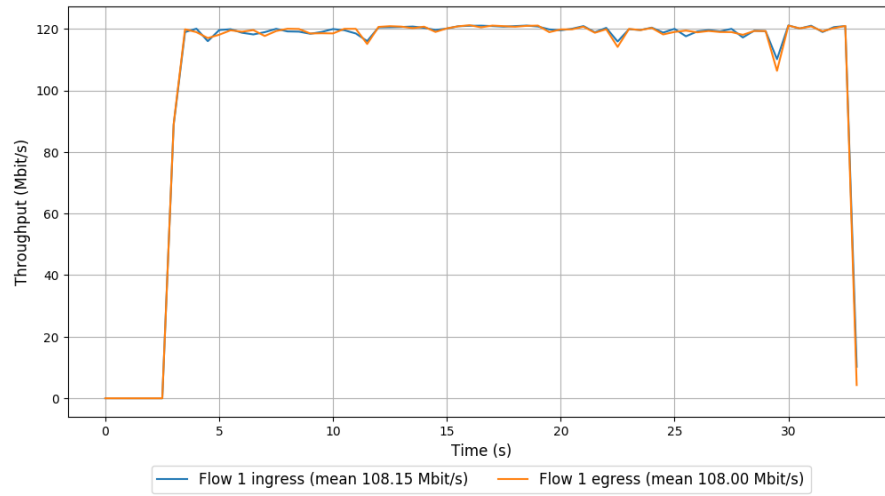
Run 5: Report of Saturator — Data Link



Flow 1 ingress (mean 108.15 Mbit/s) —— Flow 1 egress (mean 108.00 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -4.341 ms)

```
Run 6: Statistics of Saturator

Start at: Fri, 23 Jun 2017 22:32:49 +0000
End at: Fri, 23 Jun 2017 22:33:19 +0000
Local clock offset: 2.992 ms
Remote clock offset: -2.744 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:40:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 106.93 Mbit/s
95th percentile per-packet one-way delay: -4.468 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 106.93 Mbit/s
95th percentile per-packet one-way delay: -4.468 ms
Loss rate: 0.53%
```
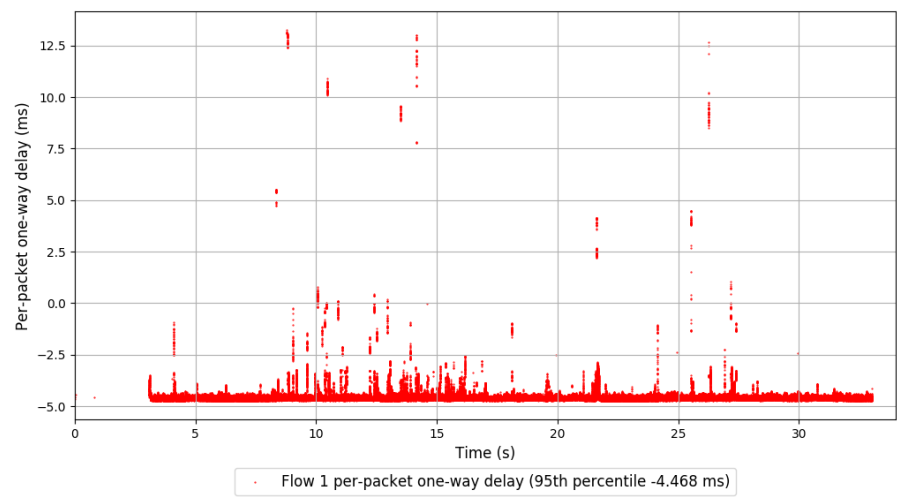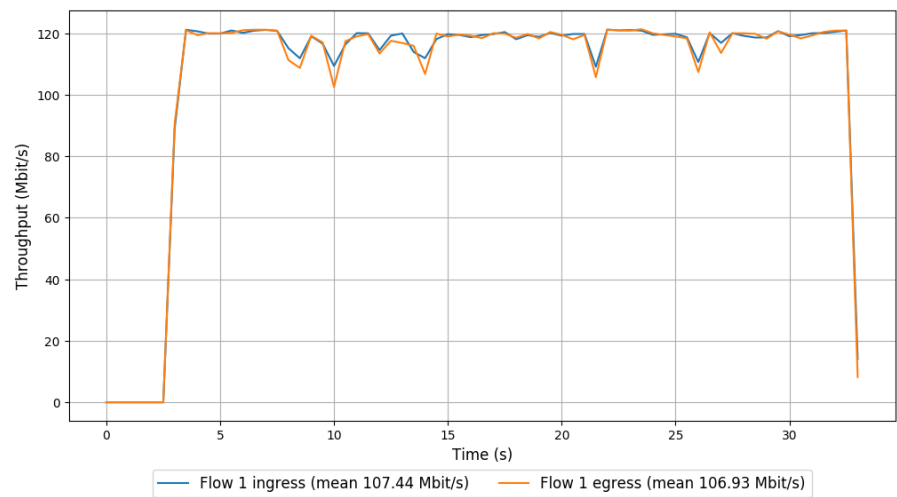
# Run 6: Report of Saturator — Data Link



Flow 1 ingress (mean 107.44 Mbit/s) — Flow 1 egress (mean 106.93 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -4.468 ms)

```
Run 7: Statistics of Saturator

Start at: Fri, 23 Jun 2017 22:52:20 +0000
End at: Fri, 23 Jun 2017 22:52:50 +0000
Local clock offset: 4.488 ms
Remote clock offset: -2.786 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:40:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 107.99 Mbit/s
95th percentile per-packet one-way delay: -6.029 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 107.99 Mbit/s
95th percentile per-packet one-way delay: -6.029 ms
Loss rate: 0.24%
```
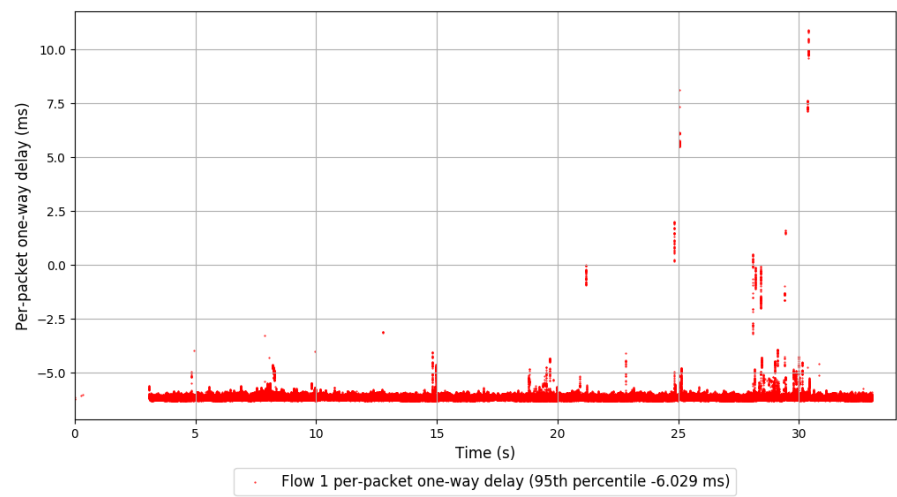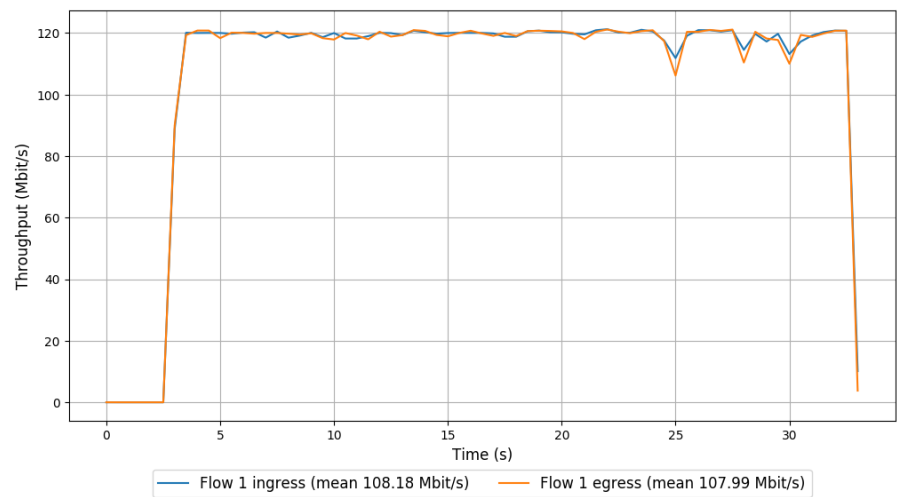
# Run 7: Report of Saturator — Data Link



Flow 1 ingress (mean 108.18 Mbit/s)  Flow 1 egress (mean 107.99 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -6.029 ms)

```
Run 8: Statistics of Saturator

Start at: Fri, 23 Jun 2017 23:11:37 +0000
End at: Fri, 23 Jun 2017 23:12:07 +0000
Local clock offset: 4.392 ms
Remote clock offset: -2.287 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:41:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 107.89 Mbit/s
95th percentile per-packet one-way delay: -5.484 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 107.89 Mbit/s
95th percentile per-packet one-way delay: -5.484 ms
Loss rate: 0.32%
```
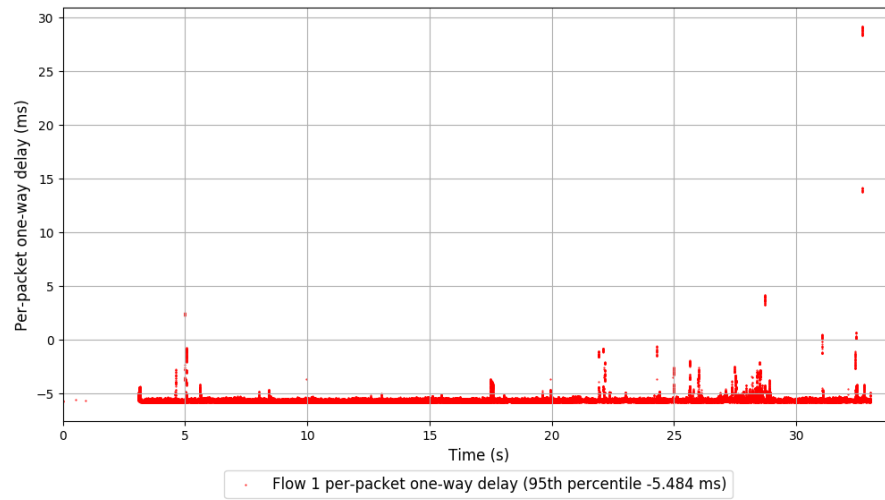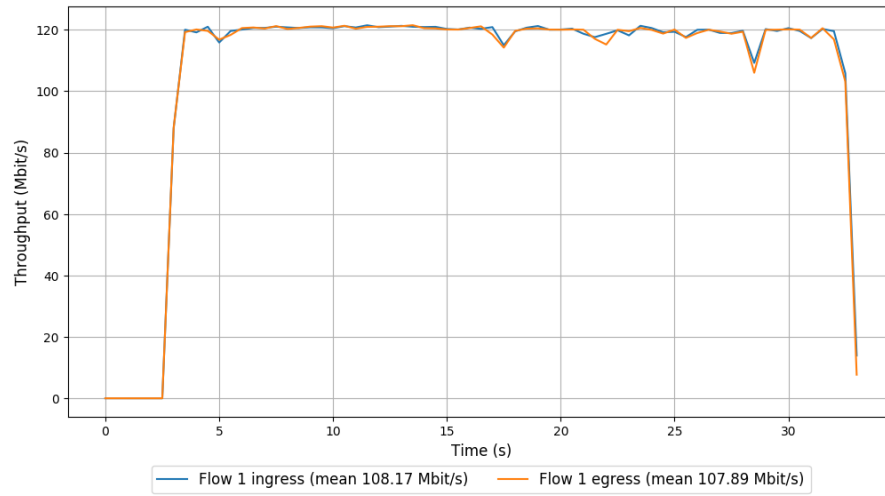
Run 8: Report of Saturator — Data Link



Flow 1 ingress (mean 108.17 Mbit/s) ——— Flow 1 egress (mean 107.89 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -5.484 ms)

```
Run 9: Statistics of Saturator

Start at: Fri, 23 Jun 2017 23:31:18 +0000
End at: Fri, 23 Jun 2017 23:31:48 +0000
Local clock offset: 3.545 ms
Remote clock offset: -2.152 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:41:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 108.43 Mbit/s
95th percentile per-packet one-way delay: -4.405 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 108.43 Mbit/s
95th percentile per-packet one-way delay: -4.405 ms
Loss rate: 0.17%
```
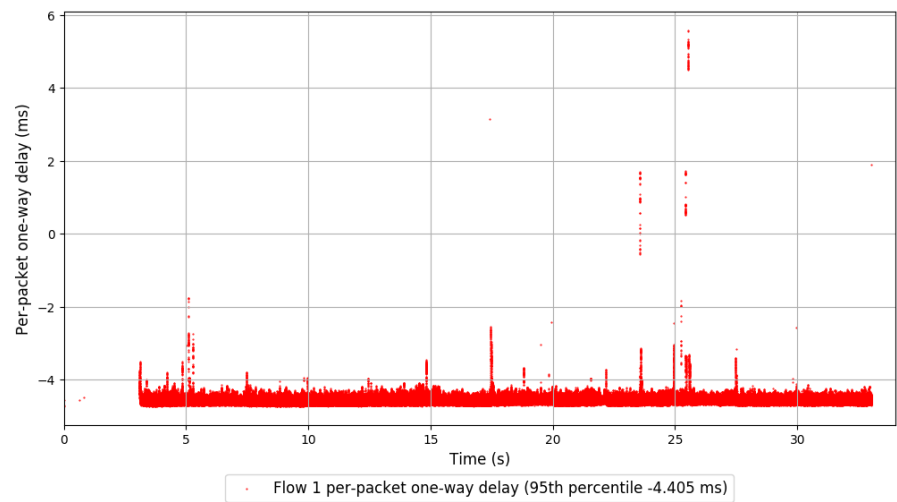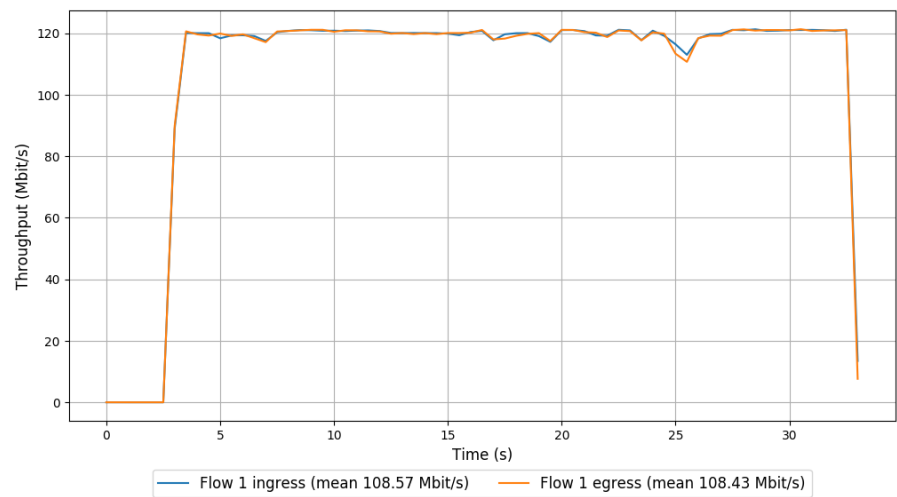
# Run 9: Report of Saturator — Data Link



Flow 1 ingress (mean 108.57 Mbit/s)    Flow 1 egress (mean 108.43 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -4.405 ms)

```
Run 10: Statistics of Saturator

Start at: Fri, 23 Jun 2017 23:50:48 +0000
End at: Fri, 23 Jun 2017 23:51:18 +0000
Local clock offset: 3.494 ms
Remote clock offset: -2.554 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:41:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 108.21 Mbit/s
95th percentile per-packet one-way delay: -4.810 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 108.21 Mbit/s
95th percentile per-packet one-way delay: -4.810 ms
Loss rate: 0.22%
```
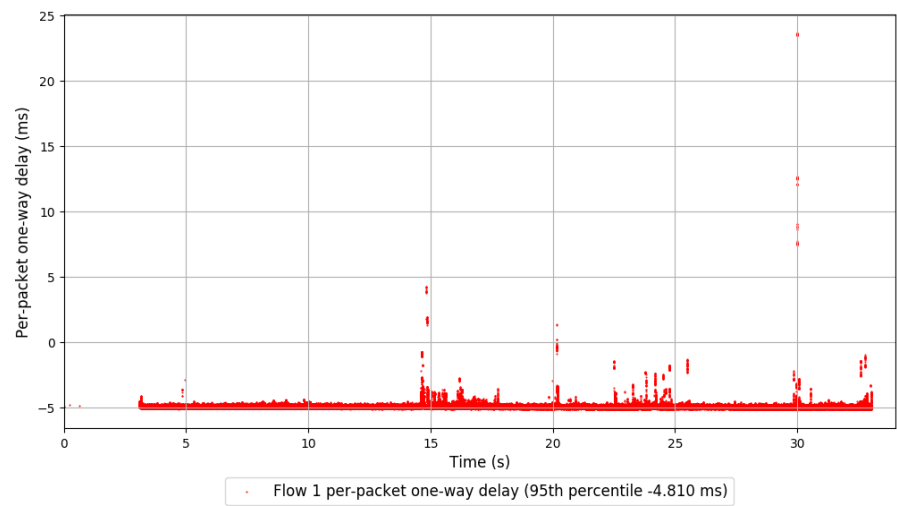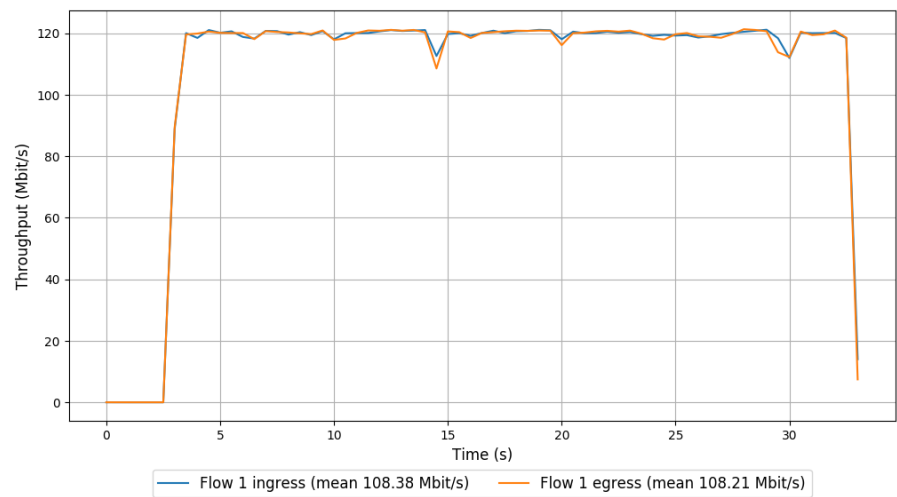
## Run 10: Report of Saturator — Data Link



Flow 1 ingress (mean 108.38 Mbit/s) — Flow 1 egress (mean 108.21 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -4.810 ms)

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```
Run 1: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 20:44:14 +0000
End at: Fri, 23 Jun 2017 20:44:45 +0000
Local clock offset: 2.591 ms
Remote clock offset: -1.658 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:41:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -2.792 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -2.792 ms
Loss rate: 0.00%
```
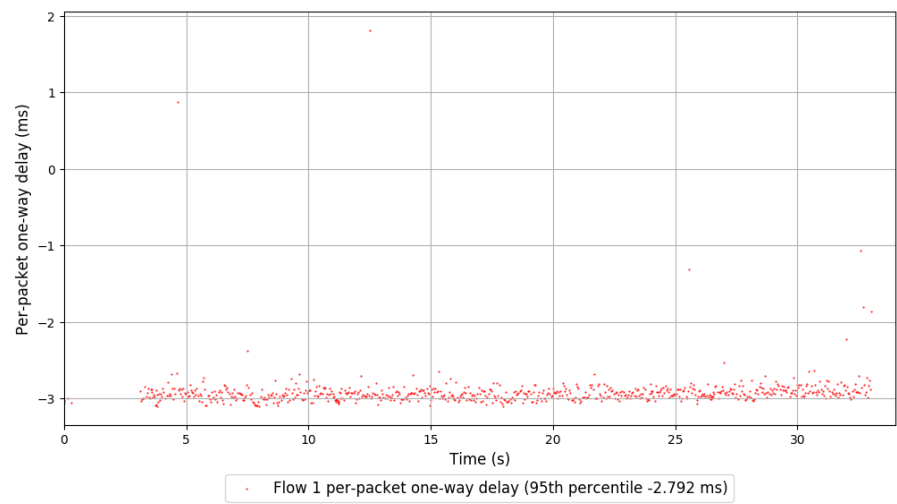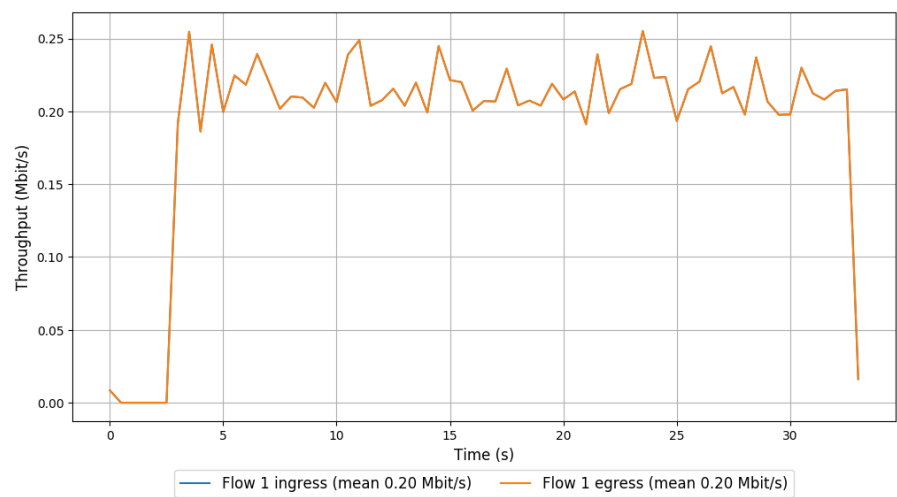
Run 1: Report of SCReAM — Data Link

```
Run 2: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 21:04:08 +0000
End at: Fri, 23 Jun 2017 21:04:38 +0000
Local clock offset: 2.308 ms
Remote clock offset: -1.63 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:41:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -2.500 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -2.500 ms
Loss rate: 0.13%
```
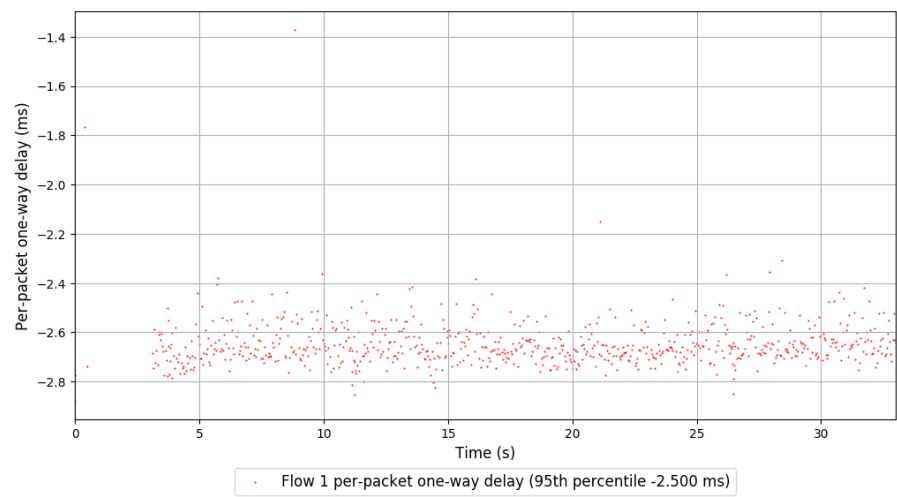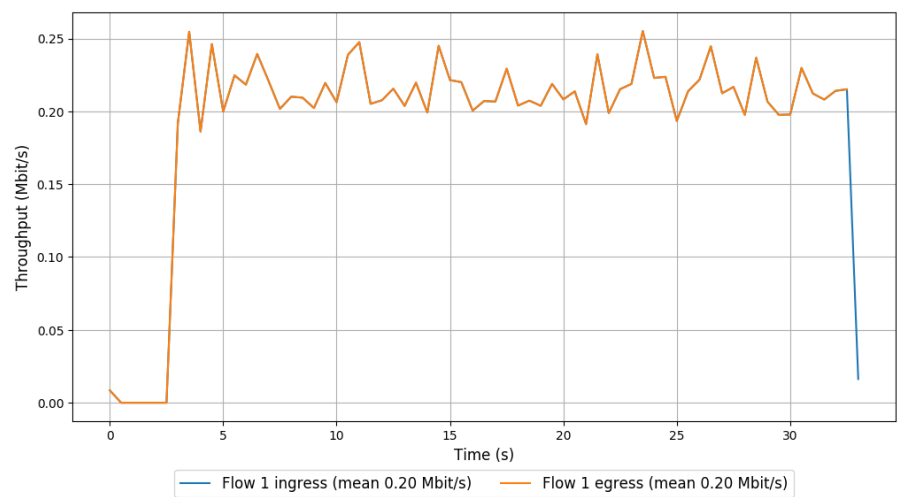
Run 2: Report of SCReAM — Data Link

```
Run 3: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 21:23:44 +0000
End at: Fri, 23 Jun 2017 21:24:14 +0000
Local clock offset: 1.523 ms
Remote clock offset: -2.073 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:41:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -2.166 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -2.166 ms
Loss rate: 0.13%
```
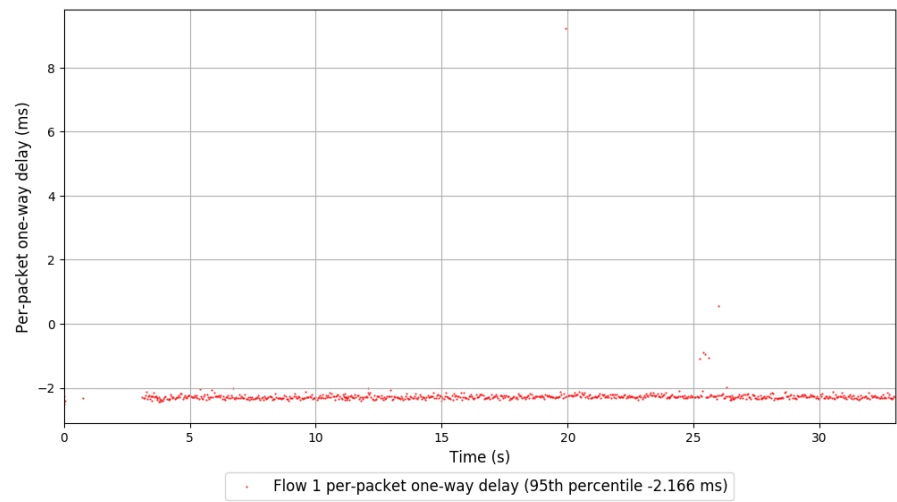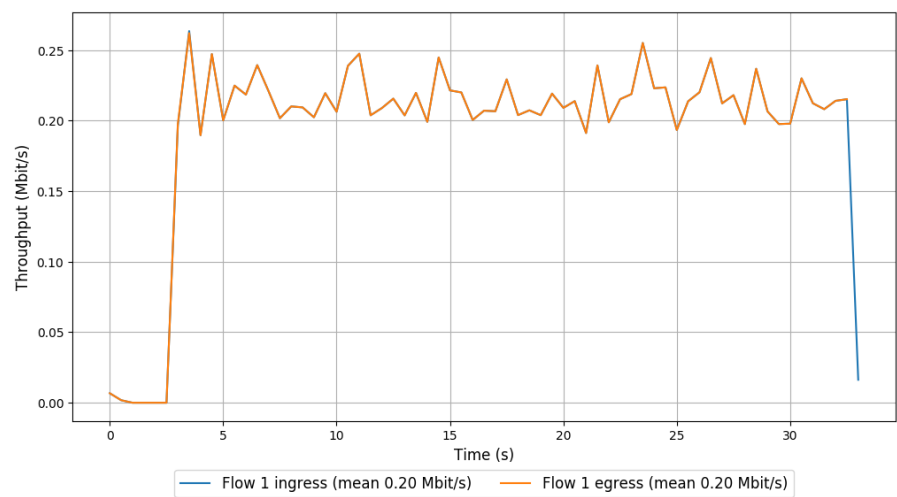
Run 3: Report of SCReAM — Data Link





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```
Run 4: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 21:43:02 +0000
End at: Fri, 23 Jun 2017 21:43:32 +0000
Local clock offset: 2.95 ms
Remote clock offset: -2.272 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:41:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: -3.893 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: -3.893 ms
Loss rate: 0.36%
```
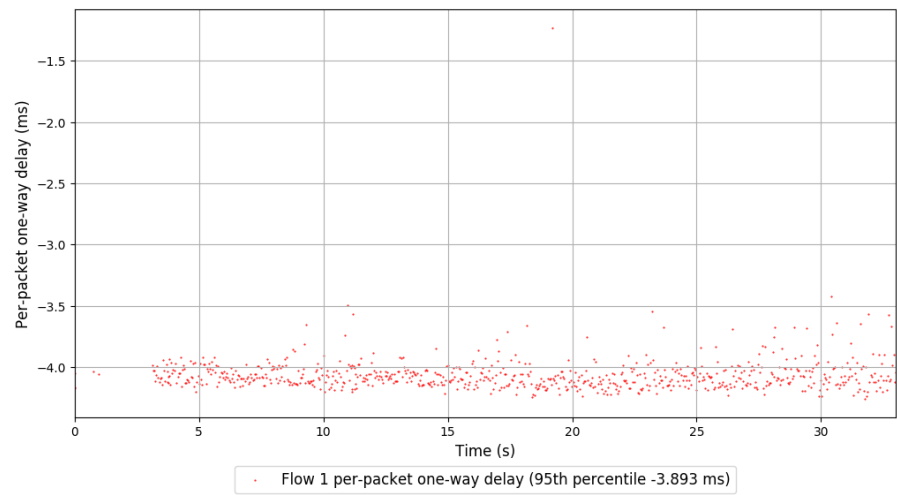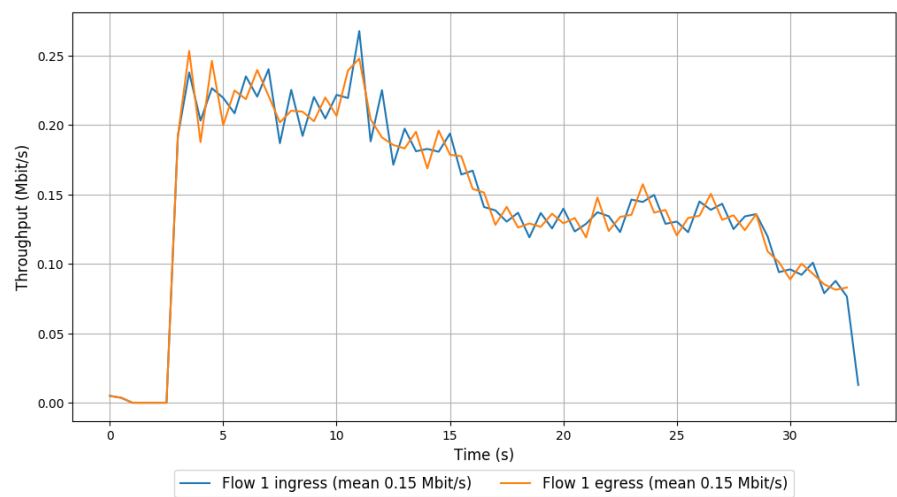
Run 4: Report of SCReAM — Data Link



Flow 1 ingress (mean 0.15 Mbit/s) —— Flow 1 egress (mean 0.15 Mbit/s)



· Flow 1 per-packet one-way delay (95th percentile -3.893 ms)

```
Run 5: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 22:02:50 +0000
End at: Fri, 23 Jun 2017 22:03:20 +0000
Local clock offset: 3.273 ms
Remote clock offset: -2.479 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:41:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -4.330 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -4.330 ms
Loss rate: 0.13%
```
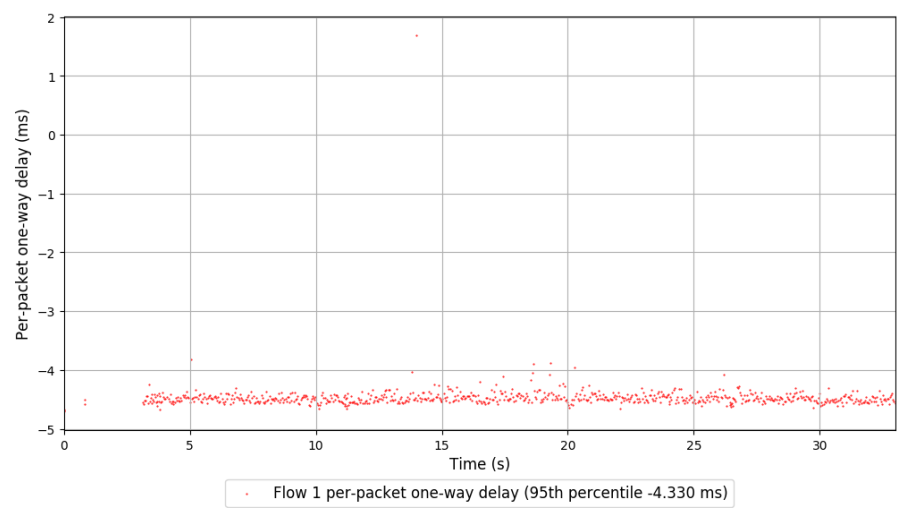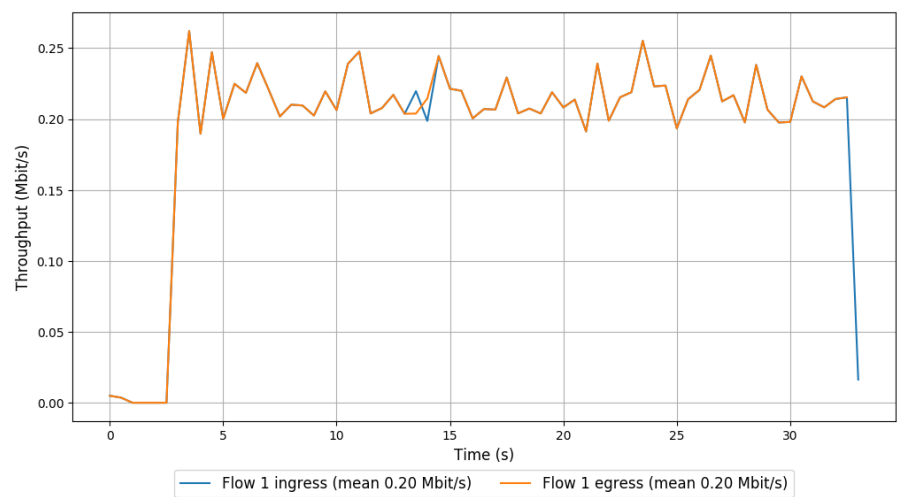
Run 5: Report of SCReAM — Data Link



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



Flow 1 per-packet one-way delay (95th percentile -4.330 ms)

```
Run 6: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 22:22:17 +0000
End at: Fri, 23 Jun 2017 22:22:47 +0000
Local clock offset: 3.042 ms
Remote clock offset: -2.728 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:41:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -4.447 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -4.447 ms
Loss rate: 0.00%
```
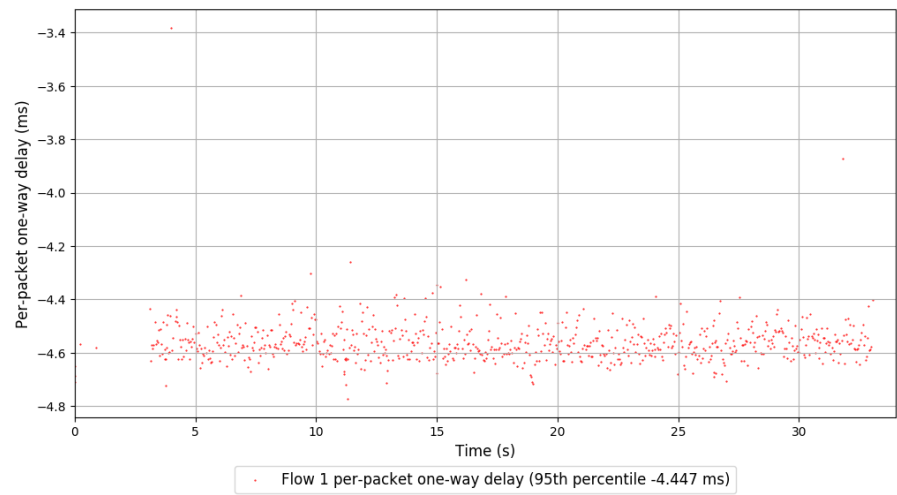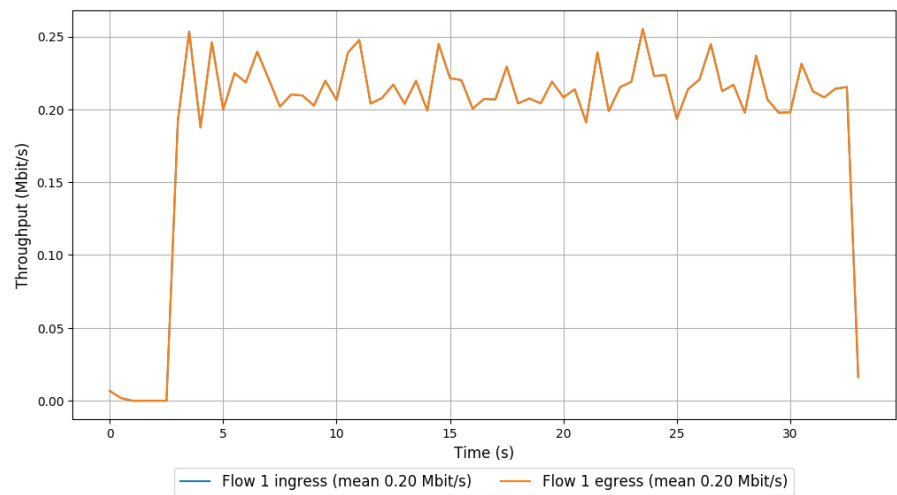
Run 6: Report of SCReAM — Data Link



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



· Flow 1 per-packet one-way delay (95th percentile -4.447 ms)

```
Run 7: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 22:41:58 +0000
End at: Fri, 23 Jun 2017 22:42:28 +0000
Local clock offset: 3.656 ms
Remote clock offset: -2.683 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:41:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -5.012 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -5.012 ms
Loss rate: 0.13%
```
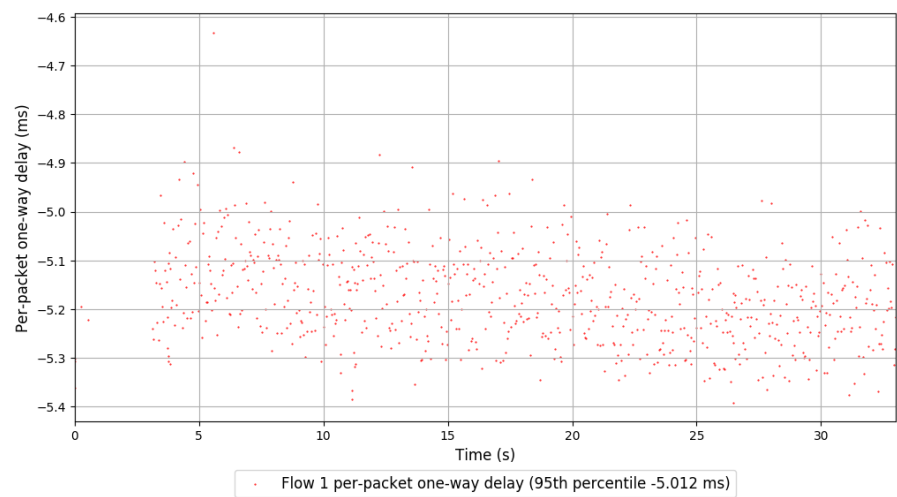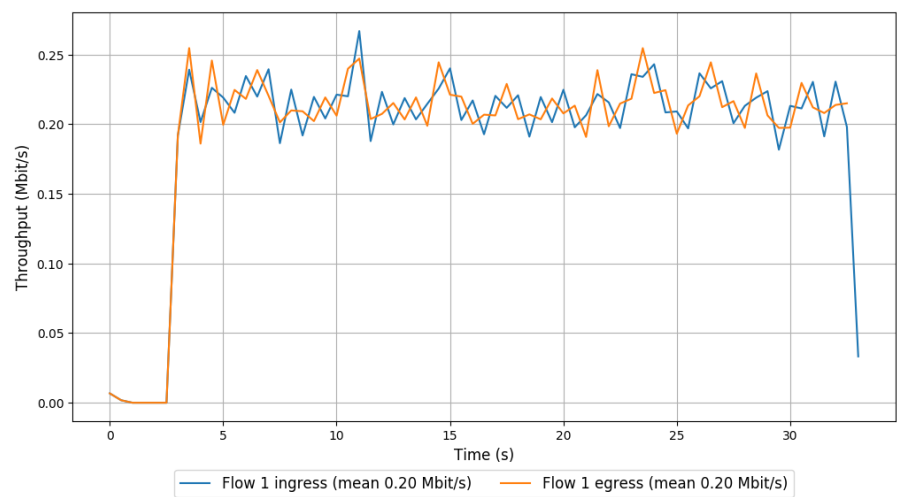
Run 7: Report of SCReAM — Data Link



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



Flow 1 per-packet one-way delay (95th percentile -5.012 ms)

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```
Run 8: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 23:01:14 +0000
End at: Fri, 23 Jun 2017 23:01:44 +0000
Local clock offset: 4.525 ms
Remote clock offset: -2.649 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:41:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -5.705 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -5.705 ms
Loss rate: 0.13%
```
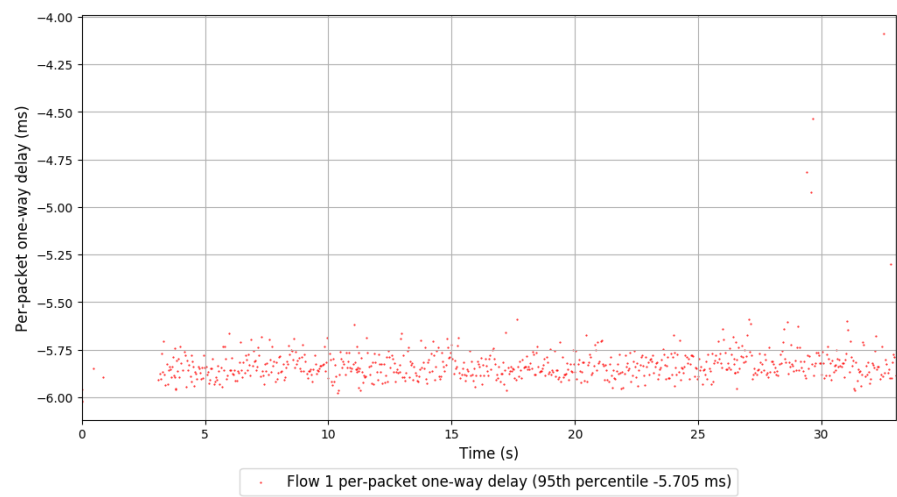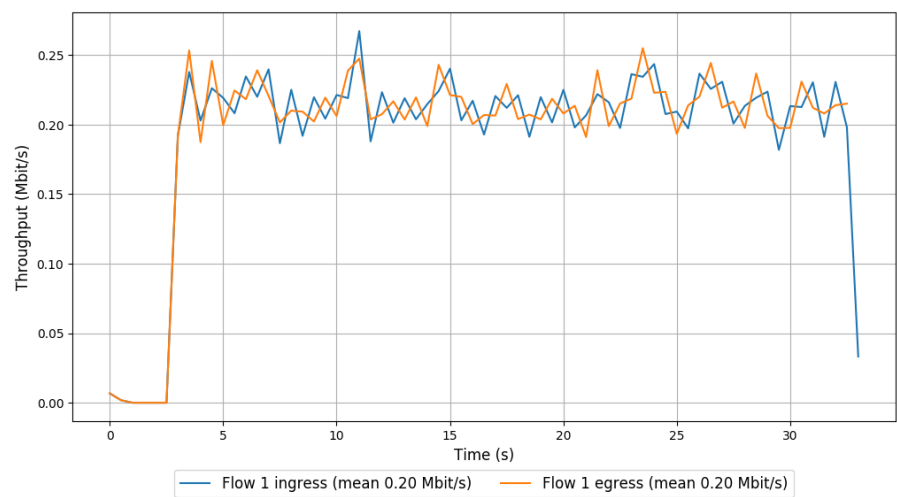
Run 8: Report of SCReAM — Data Link

```
Run 9: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 23:20:46 +0000
End at: Fri, 23 Jun 2017 23:21:16 +0000
Local clock offset: 3.892 ms
Remote clock offset: -2.303 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:41:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -4.719 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -4.719 ms
Loss rate: 0.13%
```
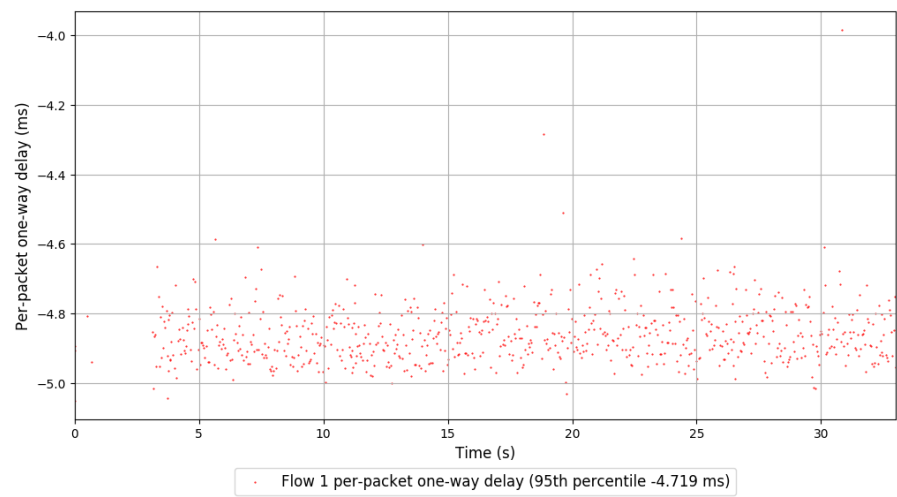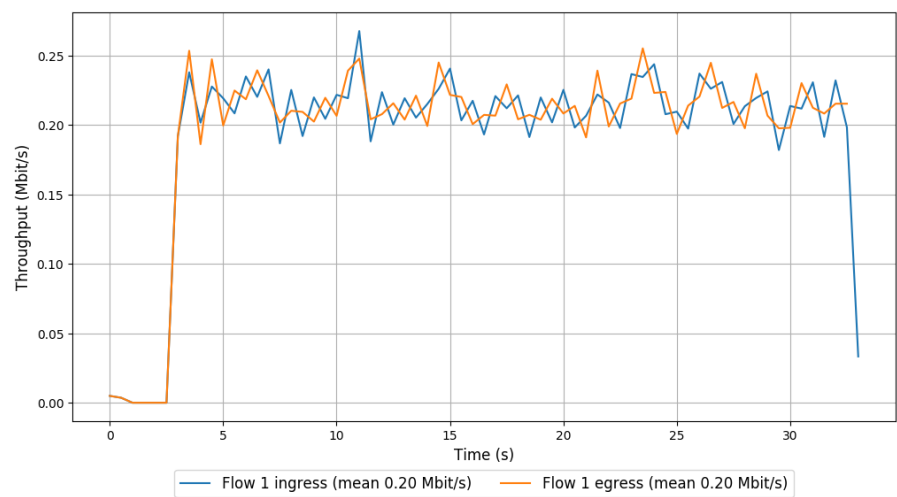
Run 9: Report of SCReAM — Data Link


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


Flow 1 per-packet one-way delay (95th percentile -4.719 ms)

```
Run 10: Statistics of SCReAM

Start at: Fri, 23 Jun 2017 23:40:17 +0000
End at: Fri, 23 Jun 2017 23:40:47 +0000
Local clock offset: 3.249 ms
Remote clock offset: -2.402 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:41:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -4.202 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: -4.202 ms
Loss rate: 0.13%
```
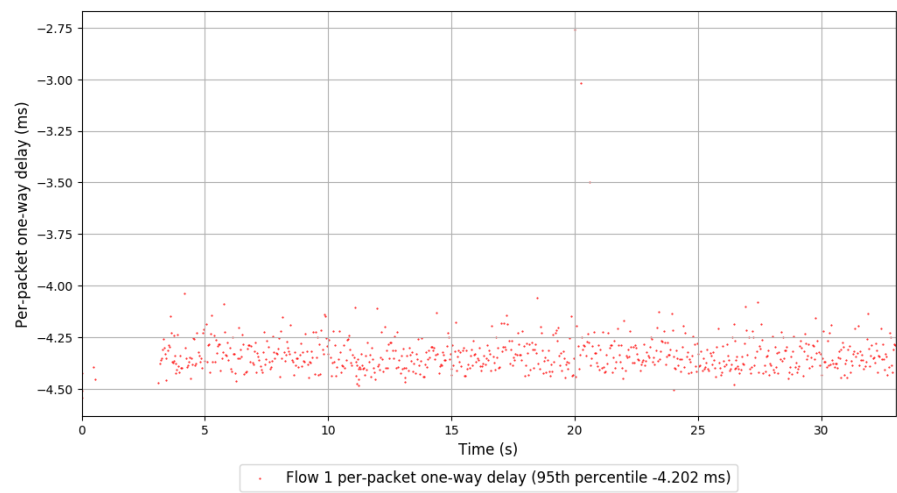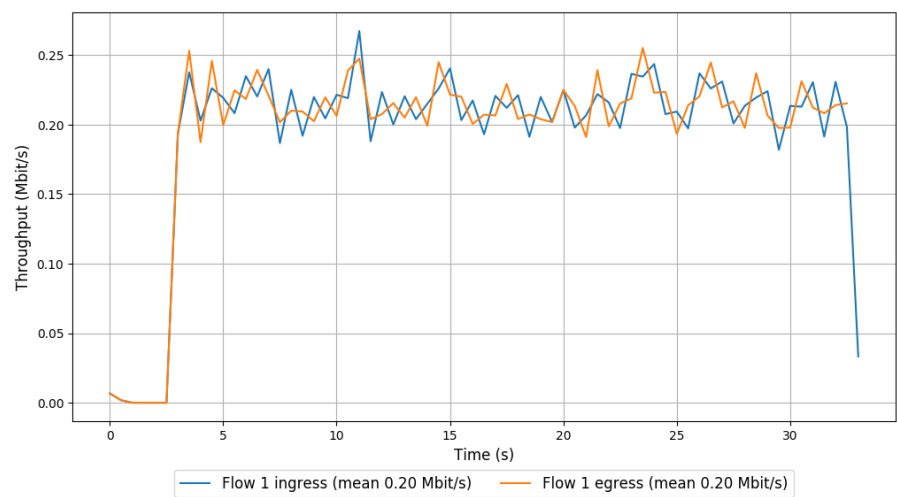
Run 10: Report of SCReAM — Data Link

```
Run 1: Statistics of Sprout

Start at: Fri, 23 Jun 2017 20:37:47 +0000
End at: Fri, 23 Jun 2017 20:38:17 +0000
Local clock offset: 3.756 ms
Remote clock offset: -1.747 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:41:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.18 Mbit/s
95th percentile per-packet one-way delay: -3.971 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 22.18 Mbit/s
95th percentile per-packet one-way delay: -3.971 ms
Loss rate: 0.16%
```
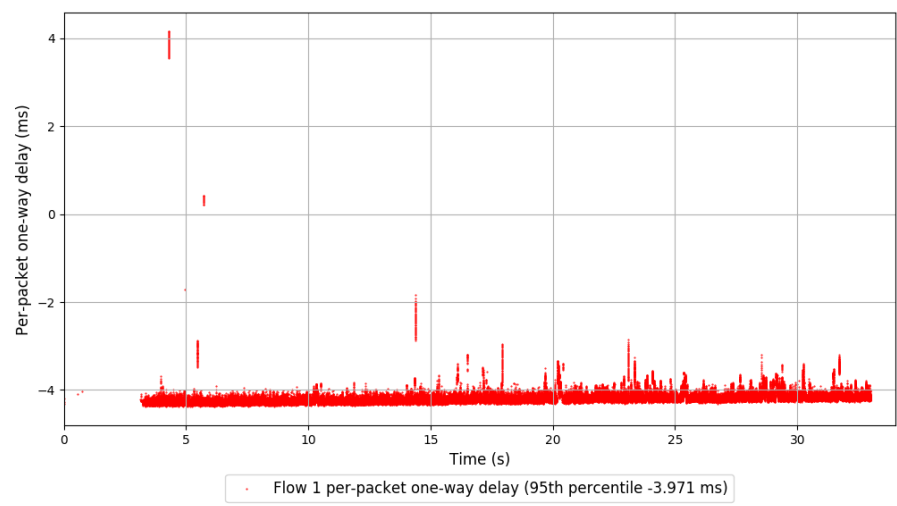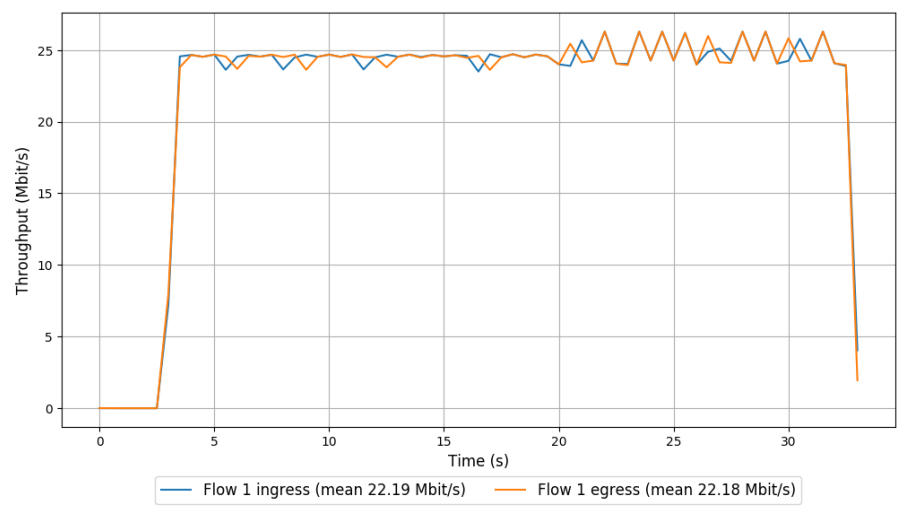
Run 1: Report of Sprout — Data Link

```
Run 2: Statistics of Sprout

Start at: Fri, 23 Jun 2017 20:57:27 +0000
End at: Fri, 23 Jun 2017 20:57:57 +0000
Local clock offset: 1.757 ms
Remote clock offset: -1.53 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:41:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.49 Mbit/s
95th percentile per-packet one-way delay: -2.237 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 22.49 Mbit/s
95th percentile per-packet one-way delay: -2.237 ms
Loss rate: 0.02%
```
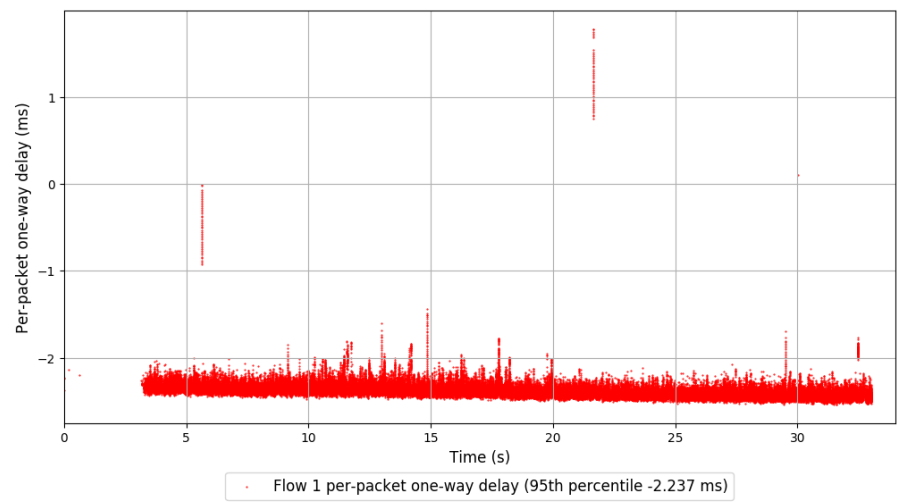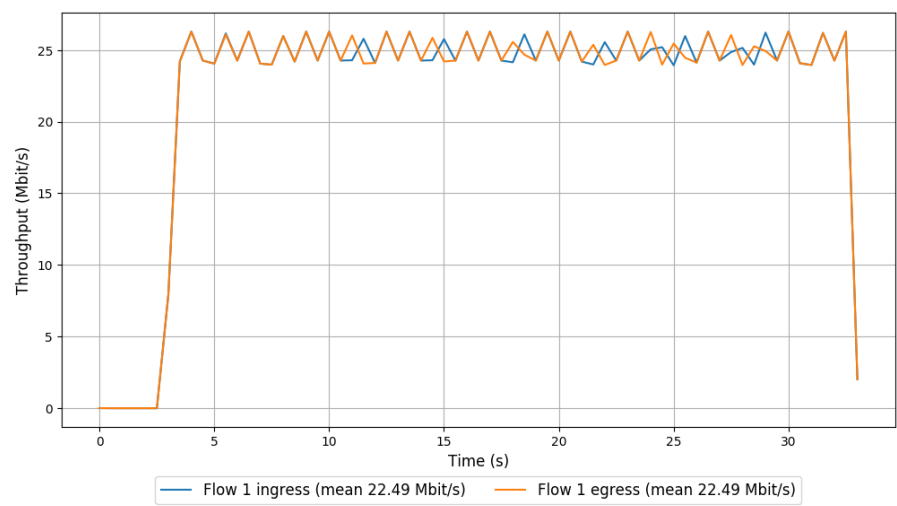
Run 2: Report of Sprout — Data Link

```
Run 3: Statistics of Sprout

Start at: Fri, 23 Jun 2017 21:17:16 +0000
End at: Fri, 23 Jun 2017 21:17:46 +0000
Local clock offset: 1.53 ms
Remote clock offset: -1.965 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:41:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.51 Mbit/s
95th percentile per-packet one-way delay: -2.317 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 22.51 Mbit/s
95th percentile per-packet one-way delay: -2.317 ms
Loss rate: 0.10%
```
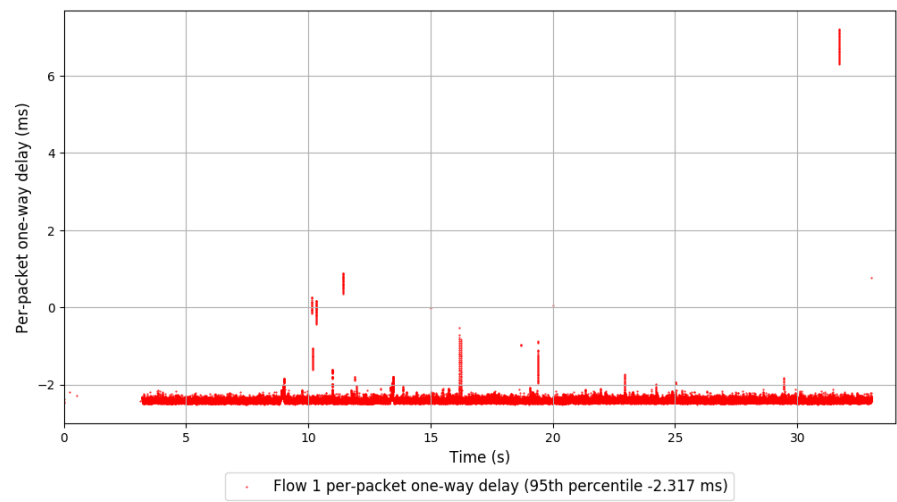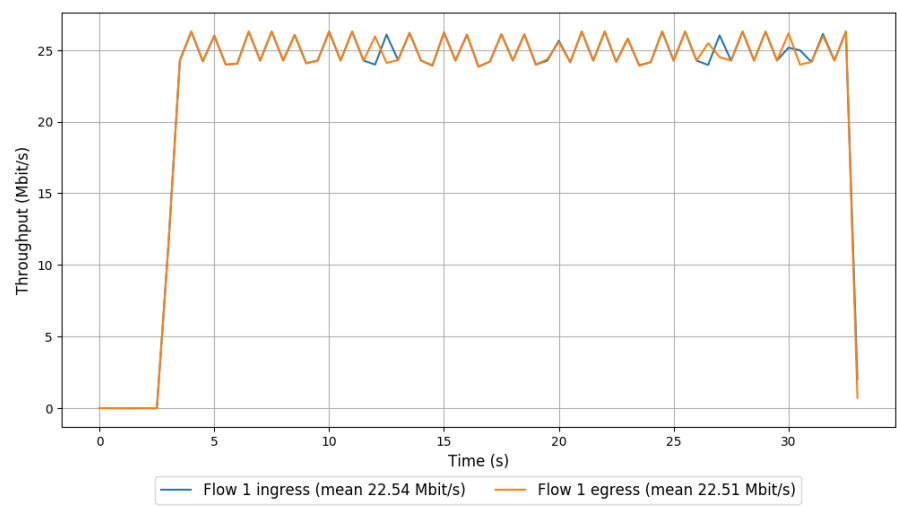
Run 3: Report of Sprout — Data Link



Flow 1 ingress (mean 22.54 Mbit/s) — Flow 1 egress (mean 22.51 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -2.317 ms)

```
Run 4: Statistics of Sprout

Start at: Fri, 23 Jun 2017 21:36:35 +0000
End at: Fri, 23 Jun 2017 21:37:05 +0000
Local clock offset: 2.442 ms
Remote clock offset: -2.11 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:41:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.47 Mbit/s
95th percentile per-packet one-way delay: -3.389 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 22.47 Mbit/s
95th percentile per-packet one-way delay: -3.389 ms
Loss rate: 0.16%
```
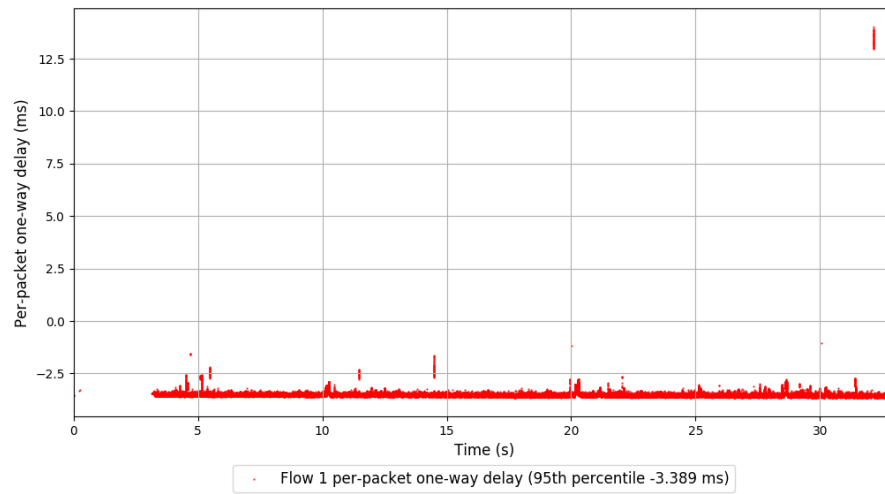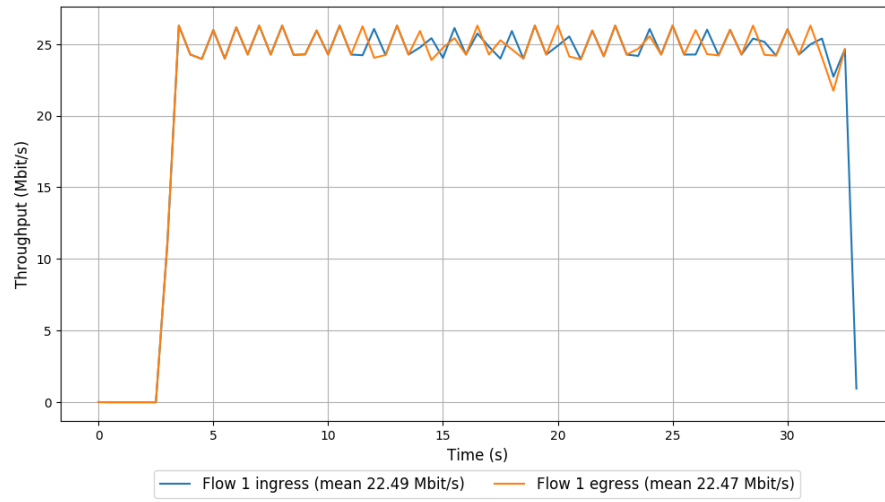
Run 4: Report of Sprout — Data Link

```
Run 5: Statistics of Sprout

Start at: Fri, 23 Jun 2017 21:56:14 +0000
End at: Fri, 23 Jun 2017 21:56:44 +0000
Local clock offset: 3.146 ms
Remote clock offset: -2.416 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:41:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.53 Mbit/s
95th percentile per-packet one-way delay: -4.403 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 22.53 Mbit/s
95th percentile per-packet one-way delay: -4.403 ms
Loss rate: 0.02%
```
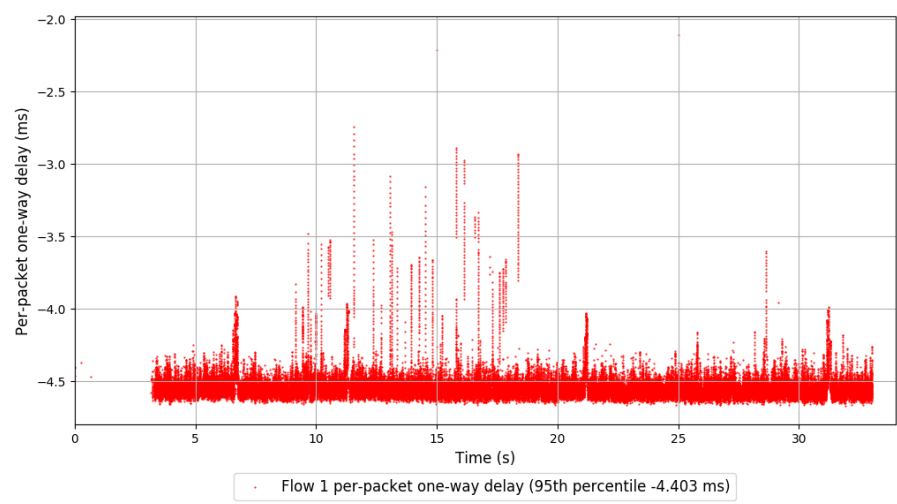
# Run 5: Report of Sprout — Data Link

```
Run 6: Statistics of Sprout

Start at: Fri, 23 Jun 2017 22:15:51 +0000
End at: Fri, 23 Jun 2017 22:16:22 +0000
Local clock offset: 3.055 ms
Remote clock offset: -2.58 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:41:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.44 Mbit/s
95th percentile per-packet one-way delay: -4.500 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 22.44 Mbit/s
95th percentile per-packet one-way delay: -4.500 ms
Loss rate: 0.19%
```
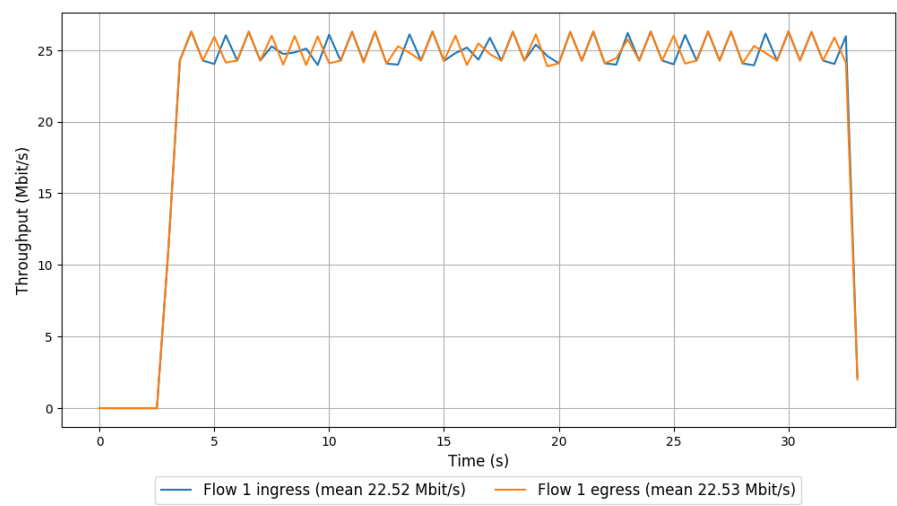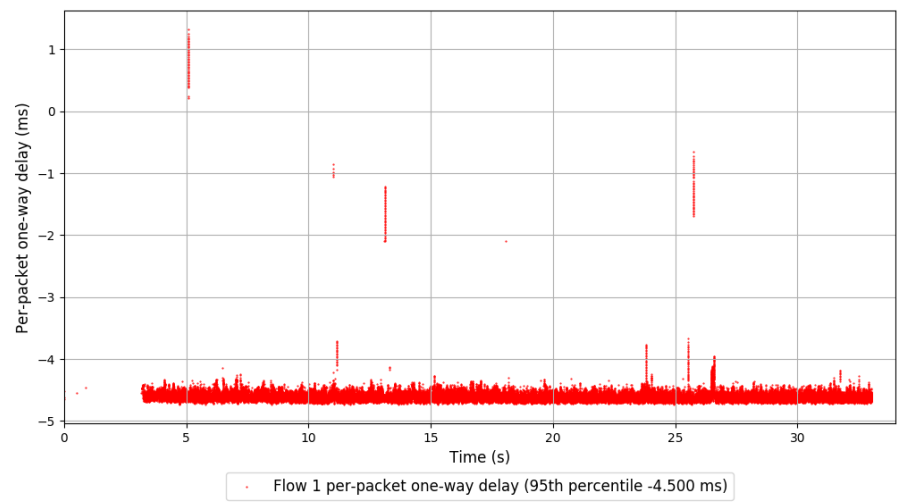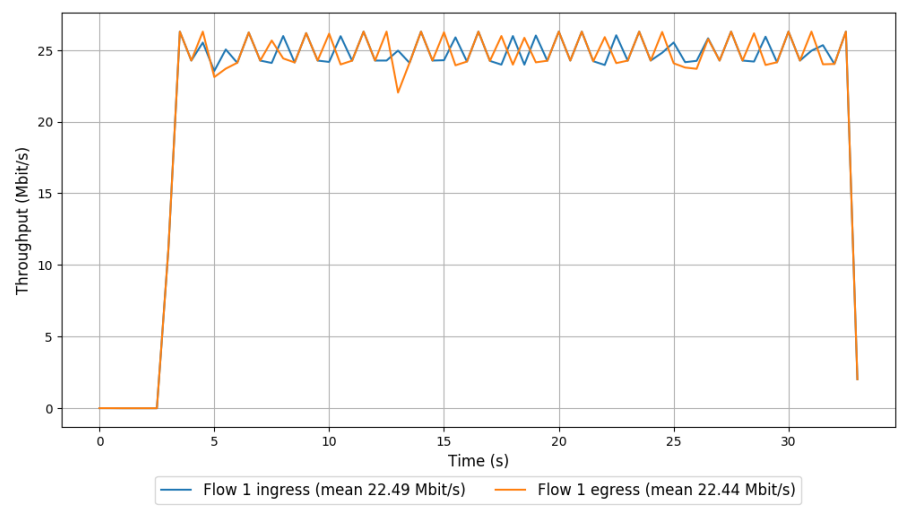
Run 6: Report of Sprout — Data Link

```
Run 7: Statistics of Sprout

Start at: Fri, 23 Jun 2017 22:35:21 +0000
End at: Fri, 23 Jun 2017 22:35:51 +0000
Local clock offset: 2.916 ms
Remote clock offset: -2.667 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:41:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.45 Mbit/s
95th percentile per-packet one-way delay: -4.473 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 22.45 Mbit/s
95th percentile per-packet one-way delay: -4.473 ms
Loss rate: 0.35%
```
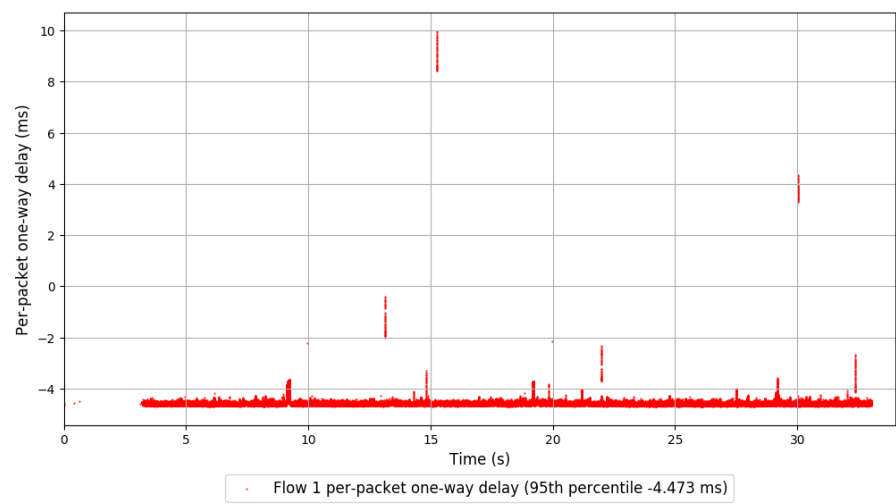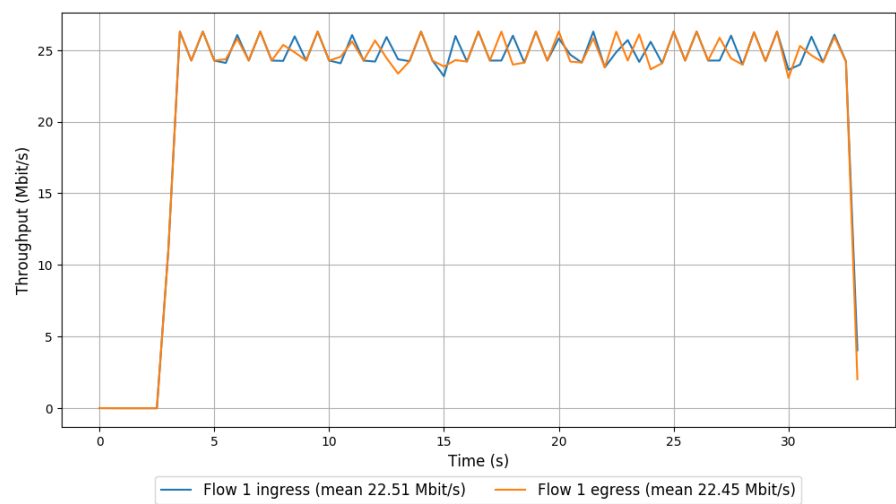
# Run 7: Report of Sprout — Data Link



Flow 1 ingress (mean 22.51 Mbit/s)     Flow 1 egress (mean 22.45 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -4.473 ms)

```
Run 8: Statistics of Sprout

Start at: Fri, 23 Jun 2017 22:54:52 +0000
End at: Fri, 23 Jun 2017 22:55:22 +0000
Local clock offset: 4.558 ms
Remote clock offset: -2.806 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:41:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.33 Mbit/s
95th percentile per-packet one-way delay: -6.002 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 22.33 Mbit/s
95th percentile per-packet one-way delay: -6.002 ms
Loss rate: 0.34%
```
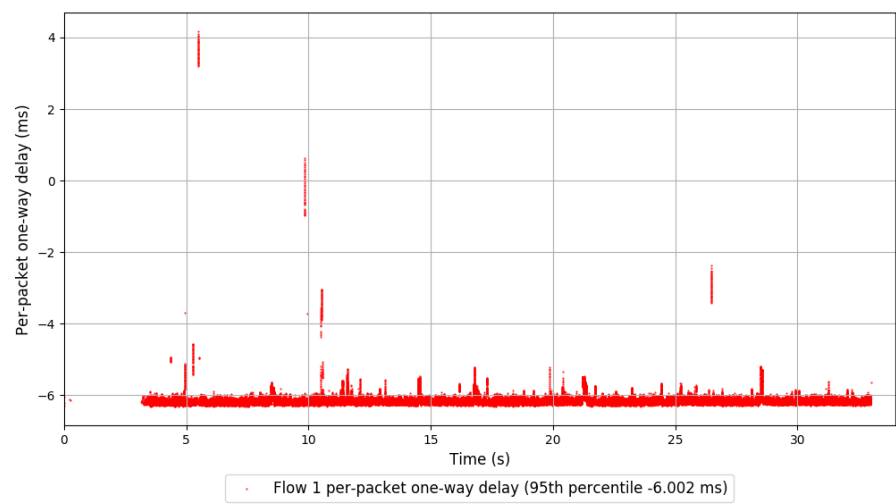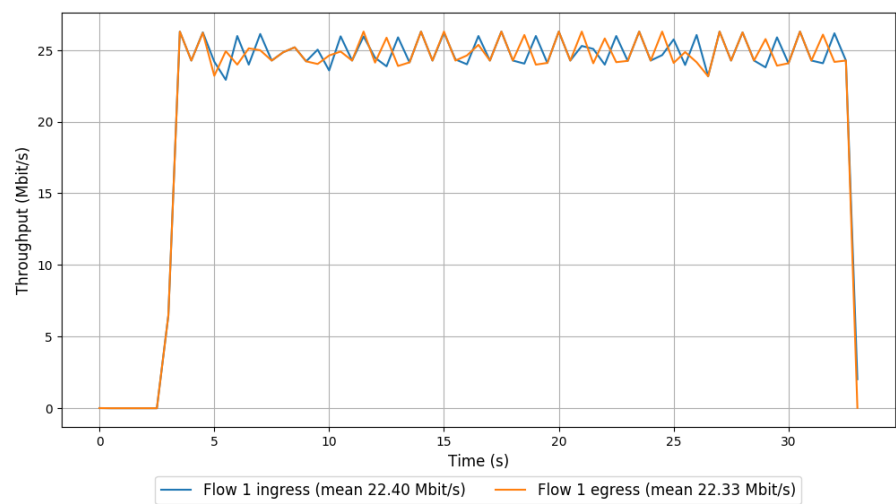
## Run 8: Report of Sprout — Data Link



Flow 1 ingress (mean 22.40 Mbit/s) ——— Flow 1 egress (mean 22.33 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -6.002 ms)

```
Run 9: Statistics of Sprout

Start at: Fri, 23 Jun 2017 23:14:09 +0000
End at: Fri, 23 Jun 2017 23:14:39 +0000
Local clock offset: 4.202 ms
Remote clock offset: -2.228 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:41:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.48 Mbit/s
95th percentile per-packet one-way delay: -5.235 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 22.48 Mbit/s
95th percentile per-packet one-way delay: -5.235 ms
Loss rate: 0.14%
```

# Run 9: Report of Sprout — Data Link

```
Run 10: Statistics of Sprout

Start at: Fri, 23 Jun 2017 23:33:51 +0000
End at: Fri, 23 Jun 2017 23:34:21 +0000
Local clock offset: 3.481 ms
Remote clock offset: -2.17 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:41:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.40 Mbit/s
95th percentile per-packet one-way delay: -4.421 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 22.40 Mbit/s
95th percentile per-packet one-way delay: -4.421 ms
Loss rate: 0.17%
```
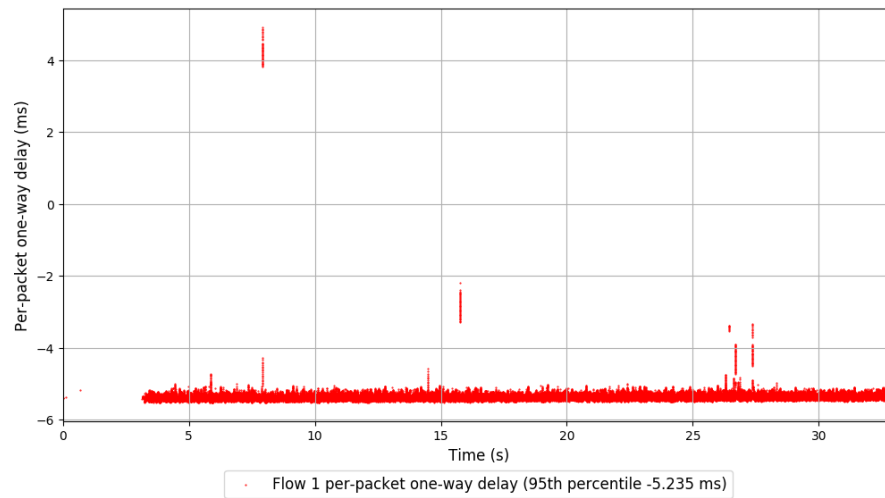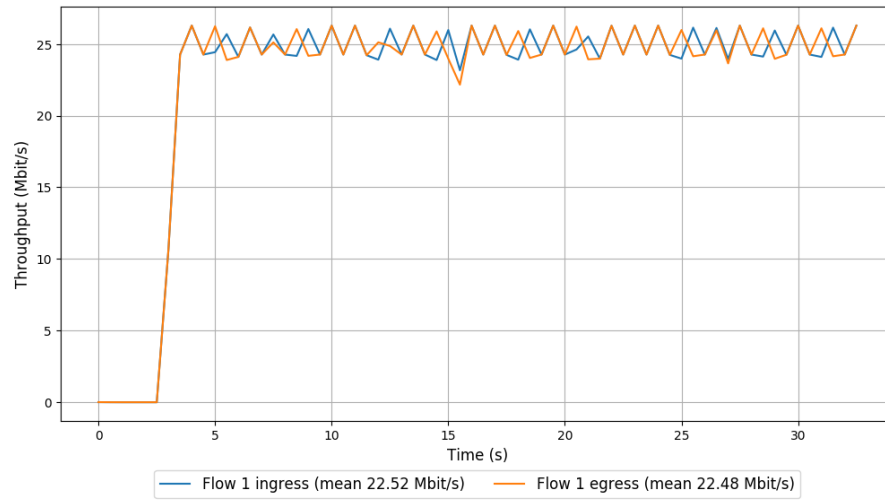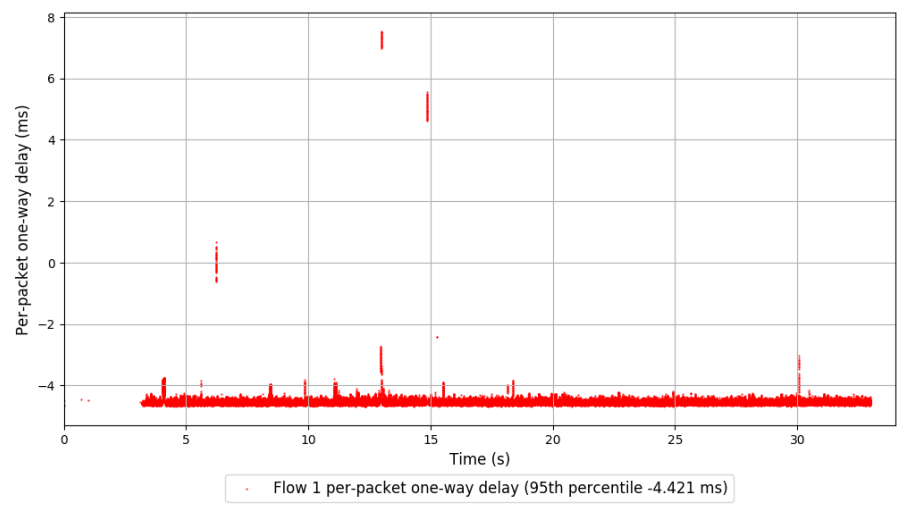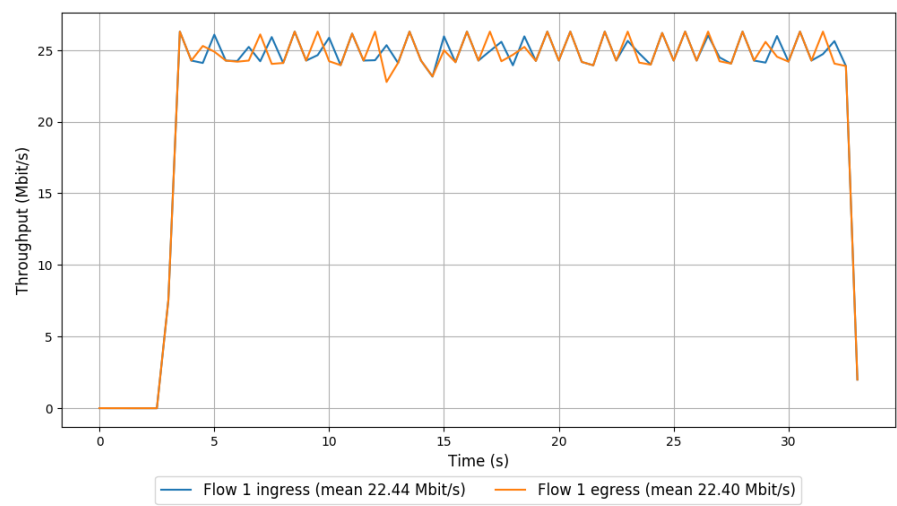
Run 10: Report of Sprout — Data Link



Flow 1 ingress (mean 22.44 Mbit/s)    Flow 1 egress (mean 22.40 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -4.421 ms)

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

Start at: Fri, 23 Jun 2017 20:52:05 +0000
End at: Fri, 23 Jun 2017 20:52:35 +0000
Local clock offset: 1.825 ms
Remote clock offset: -1.552 ms

# Below is generated by plot.py at Sat, 24 Jun 2017 02:42:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 212.46 Mbit/s
95th percentile per-packet one-way delay: -1.880 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 212.46 Mbit/s
95th percentile per-packet one-way delay: -1.880 ms
Loss rate: 0.33%
```
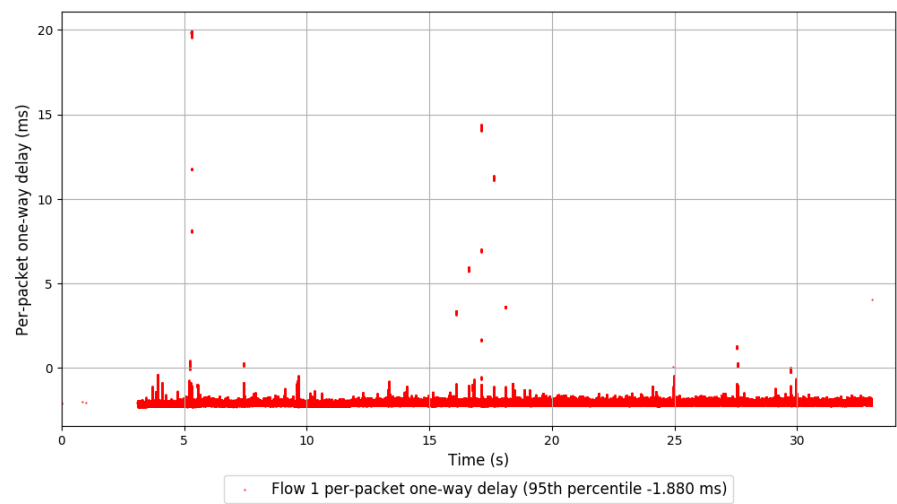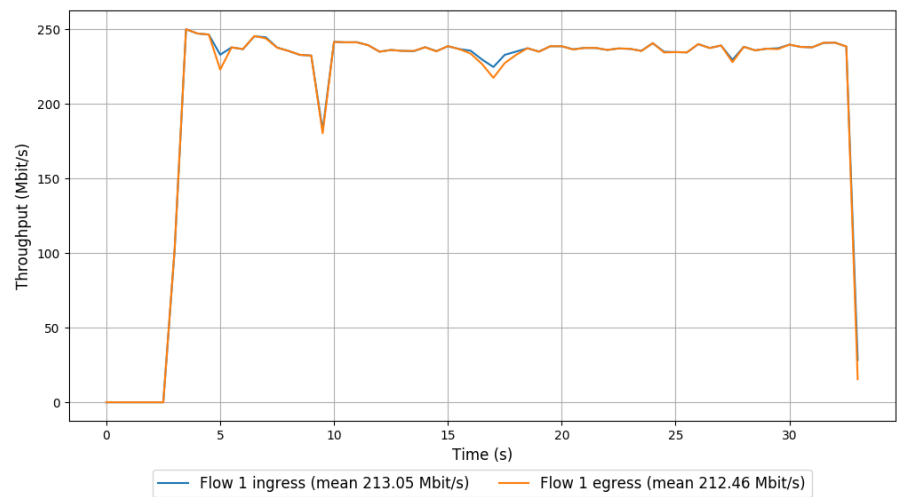
# Run 1: Report of TaoVA-100x — Data Link



Flow 1 ingress (mean 213.05 Mbit/s) — Flow 1 egress (mean 212.46 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -1.880 ms)

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

Start at: Fri, 23 Jun 2017 21:12:00 +0000
End at: Fri, 23 Jun 2017 21:12:30 +0000
Local clock offset: 1.833 ms
Remote clock offset: -1.877 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:42:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 205.41 Mbit/s
95th percentile per-packet one-way delay: -1.602 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 205.41 Mbit/s
95th percentile per-packet one-way delay: -1.602 ms
Loss rate: 1.27%
```
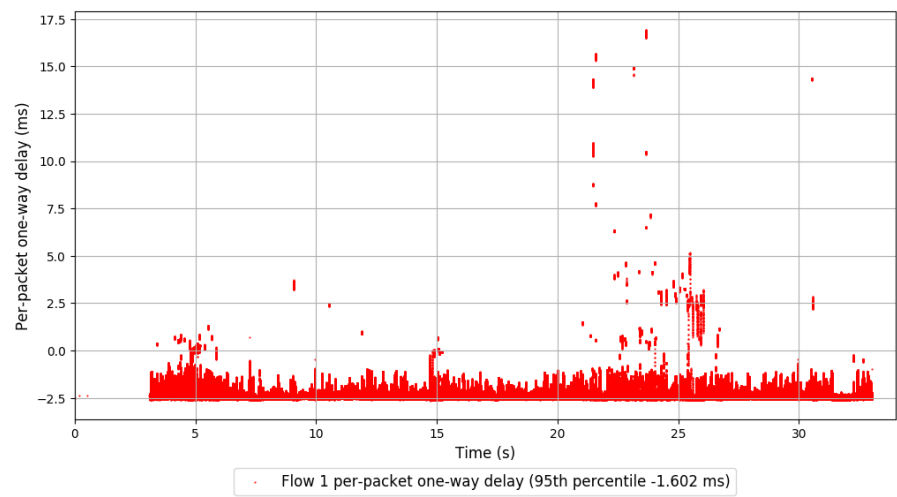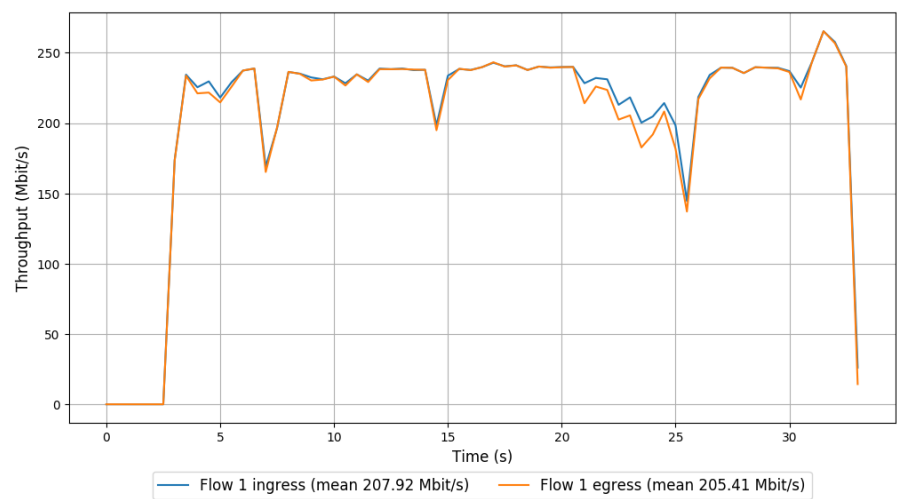
Run 2: Report of TaoVA-100x — Data Link



Flow 1 ingress (mean 207.92 Mbit/s)     Flow 1 egress (mean 205.41 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -1.602 ms)
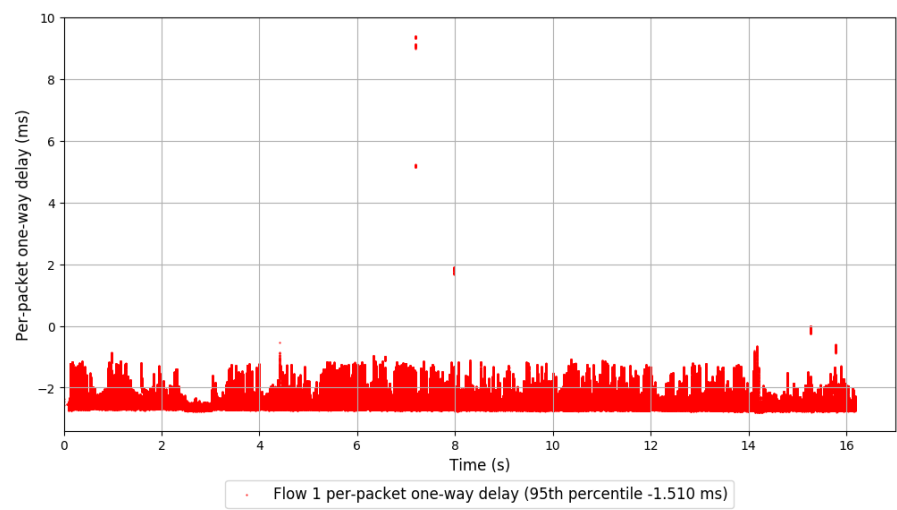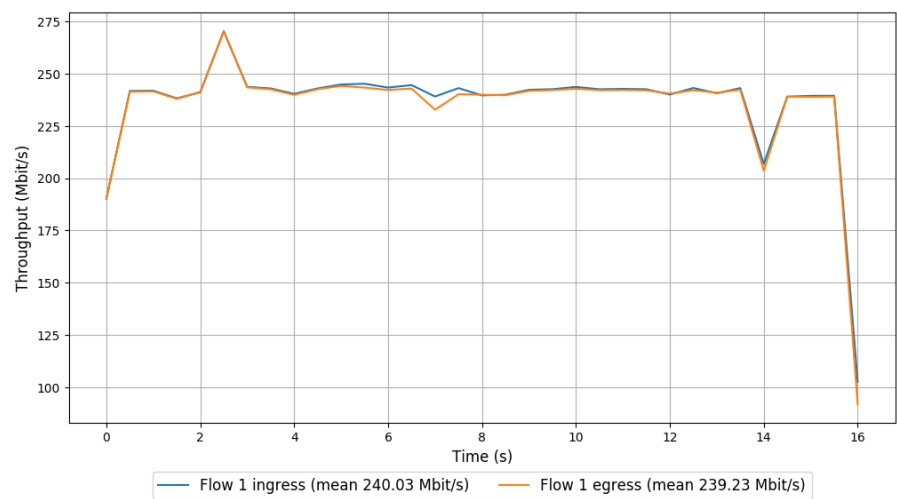
```
Run 3: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 21:31:29 +0000
End at: Fri, 23 Jun 2017 21:31:59 +0000
Local clock offset: 1.566 ms
Remote clock offset: -2.036 ms
```

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



Flow 1 ingress (mean 240.03 Mbit/s)    Flow 1 egress (mean 239.23 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -1.510 ms)

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

Start at: Fri, 23 Jun 2017 21:51:03 +0000
End at: Fri, 23 Jun 2017 21:51:33 +0000
Local clock offset: 3.219 ms
Remote clock offset: -2.406 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:43:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 209.84 Mbit/s
95th percentile per-packet one-way delay: -3.604 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 209.84 Mbit/s
95th percentile per-packet one-way delay: -3.604 ms
Loss rate: 0.78%
```
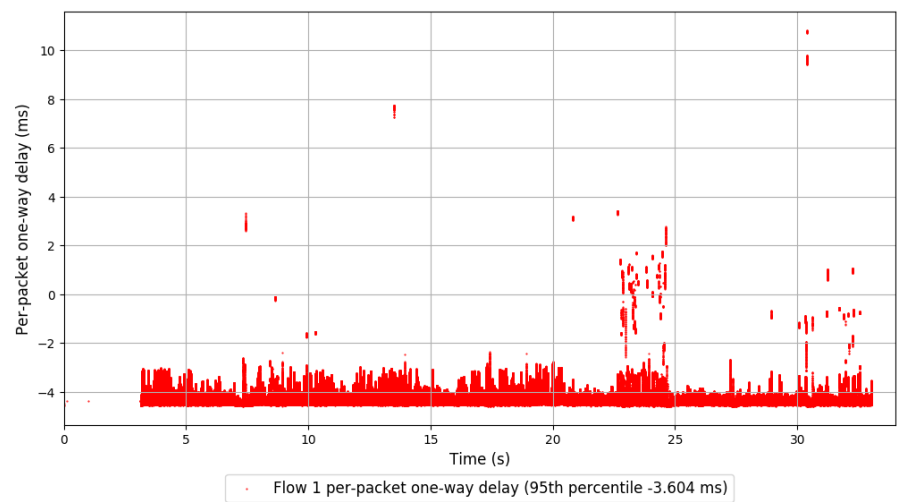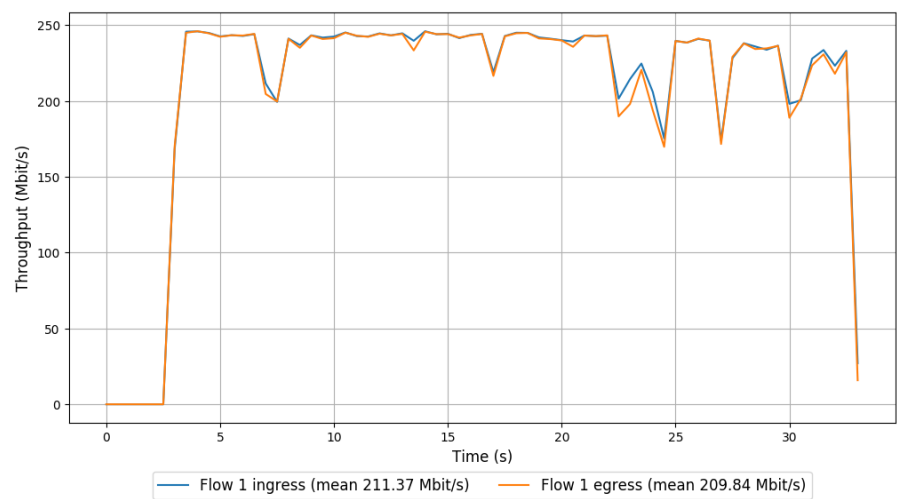
Run 4: Report of TaoVA-100x — Data Link



Flow 1 ingress (mean 211.37 Mbit/s)     Flow 1 egress (mean 209.84 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -3.604 ms)

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

Start at: Fri, 23 Jun 2017 22:10:34 +0000
End at: Fri, 23 Jun 2017 22:11:04 +0000
Local clock offset: 3.214 ms
Remote clock offset: -2.555 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:44:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 213.62 Mbit/s
95th percentile per-packet one-way delay: -3.325 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 213.62 Mbit/s
95th percentile per-packet one-way delay: -3.325 ms
Loss rate: 0.65%
```
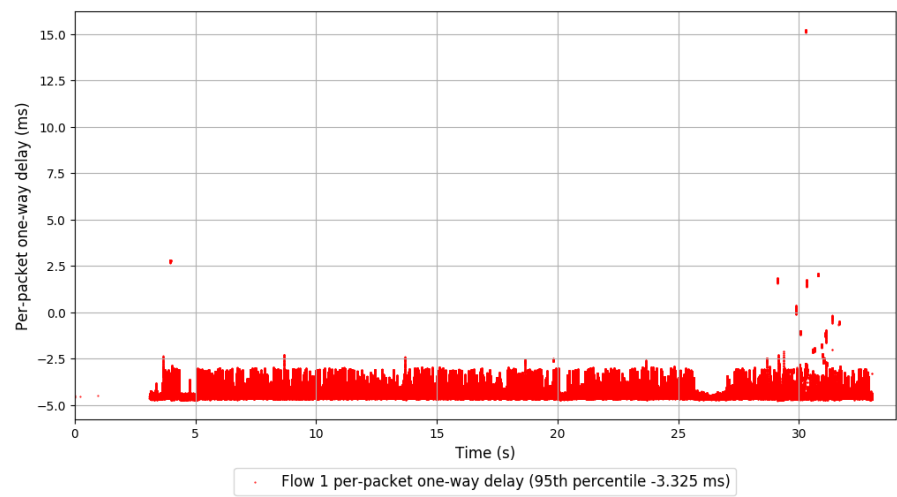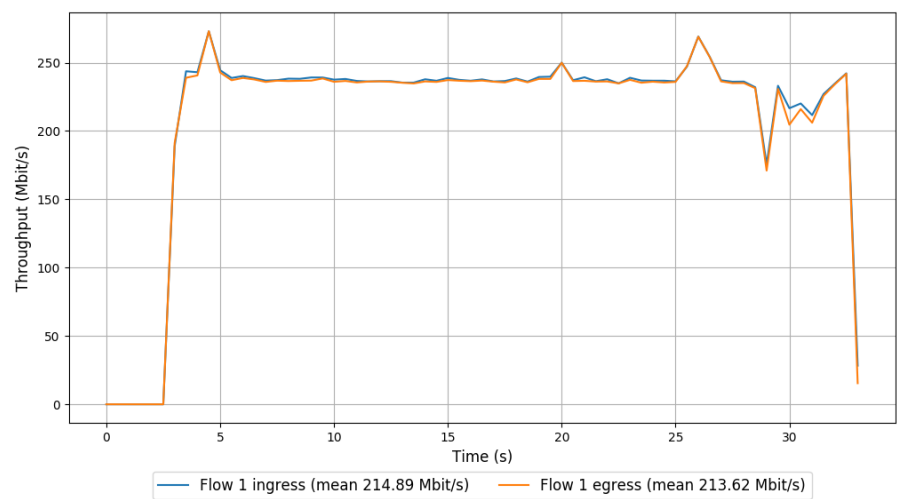
# Run 5: Report of TaoVA-100x — Data Link



Flow 1 ingress (mean 214.89 Mbit/s)    Flow 1 egress (mean 213.62 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -3.325 ms)

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

Start at: Fri, 23 Jun 2017 22:30:05 +0000
End at: Fri, 23 Jun 2017 22:30:35 +0000
Local clock offset: 3.041 ms
Remote clock offset: -2.814 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:44:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 215.04 Mbit/s
95th percentile per-packet one-way delay: -4.049 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 215.04 Mbit/s
95th percentile per-packet one-way delay: -4.049 ms
Loss rate: 0.94%
```
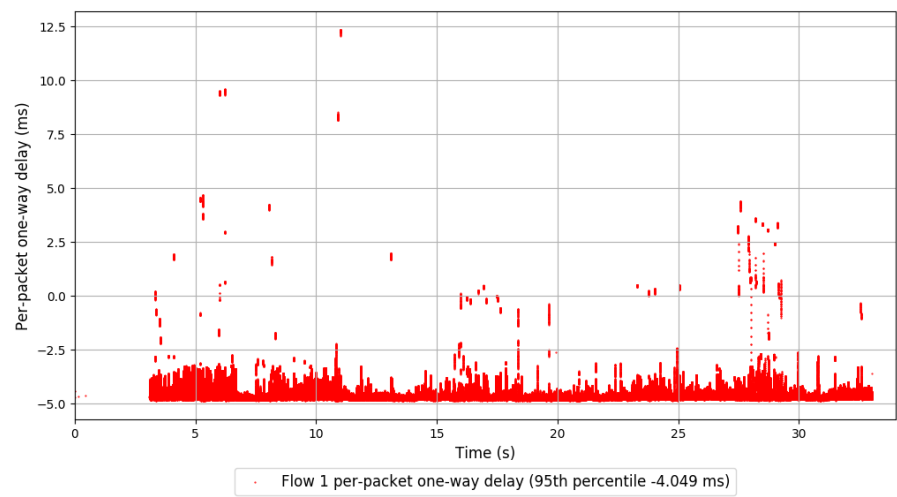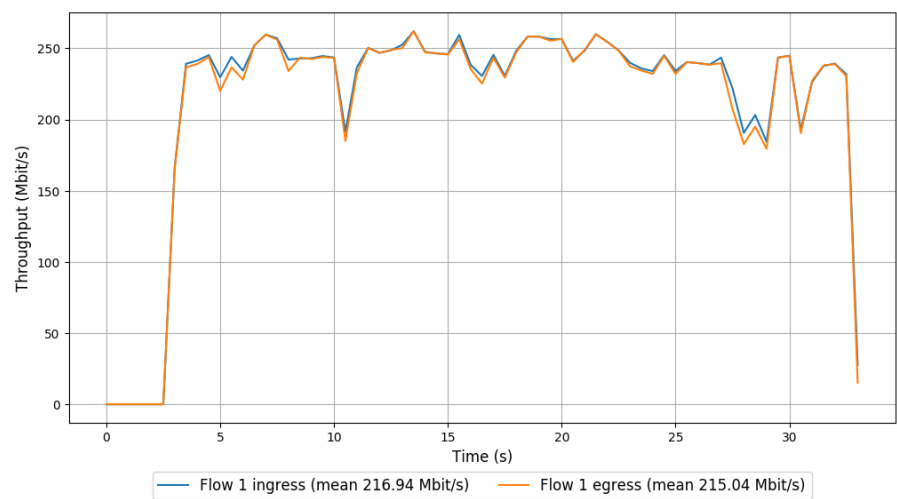
# Run 6: Report of TaoVA-100x — Data Link



Flow 1 ingress (mean 216.94 Mbit/s) —— Flow 1 egress (mean 215.04 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -4.049 ms)

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

Start at: Fri, 23 Jun 2017 22:49:41 +0000
End at: Fri, 23 Jun 2017 22:50:11 +0000
Local clock offset: 4.517 ms
Remote clock offset: -2.757 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:44:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 162.07 Mbit/s
95th percentile per-packet one-way delay: -5.518 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 162.07 Mbit/s
95th percentile per-packet one-way delay: -5.518 ms
Loss rate: 0.35%
```
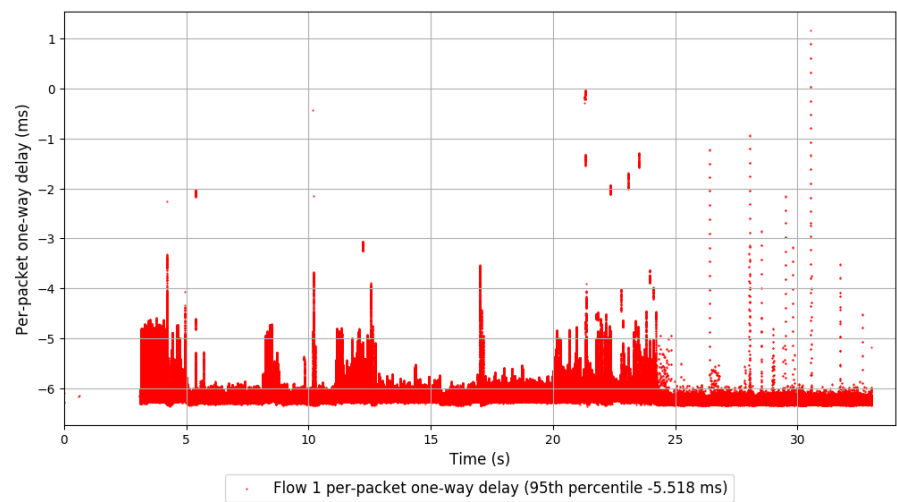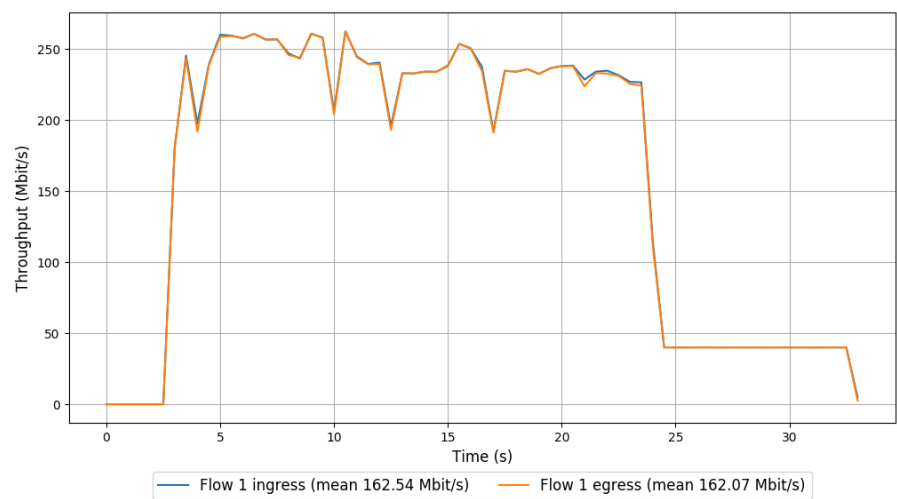
# Run 7: Report of TaoVA-100x — Data Link



Flow 1 ingress (mean 162.54 Mbit/s)    Flow 1 egress (mean 162.07 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -5.518 ms)

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

Start at: Fri, 23 Jun 2017 23:08:55 +0000
End at: Fri, 23 Jun 2017 23:09:25 +0000
Local clock offset: 4.496 ms
Remote clock offset: -2.409 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:45:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 210.28 Mbit/s
95th percentile per-packet one-way delay: -4.926 ms
Loss rate: 2.56%
-- Flow 1:
Average throughput: 210.28 Mbit/s
95th percentile per-packet one-way delay: -4.926 ms
Loss rate: 2.56%
```
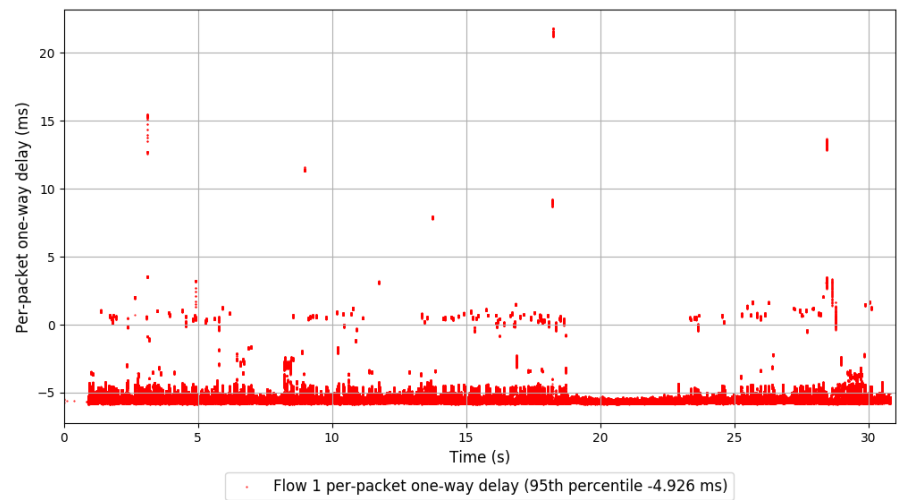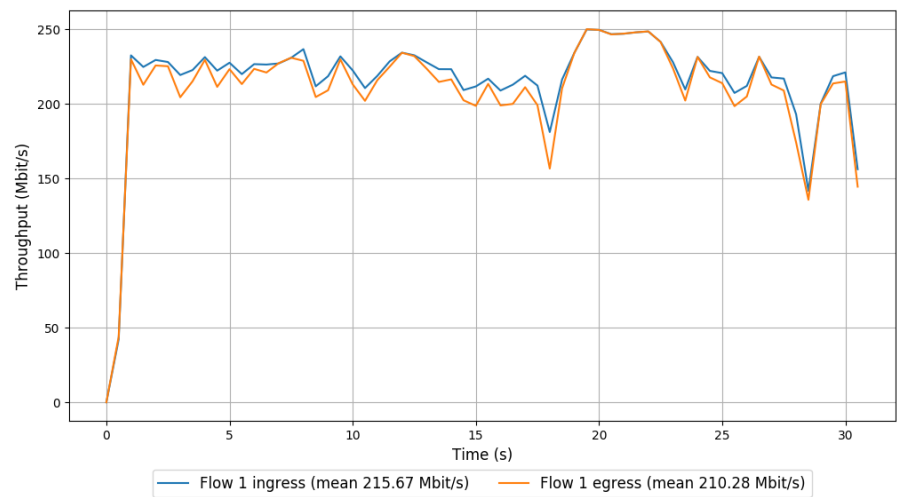
## Run 8: Report of TaoVA-100x — Data Link



Flow 1 ingress (mean 215.67 Mbit/s)    Flow 1 egress (mean 210.28 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -4.926 ms)

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

Start at: Fri, 23 Jun 2017 23:28:34 +0000
End at: Fri, 23 Jun 2017 23:29:04 +0000
Local clock offset: 3.565 ms
Remote clock offset: -2.295 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:45:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 210.74 Mbit/s
95th percentile per-packet one-way delay: -4.122 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 210.74 Mbit/s
95th percentile per-packet one-way delay: -4.122 ms
Loss rate: 0.38%
```
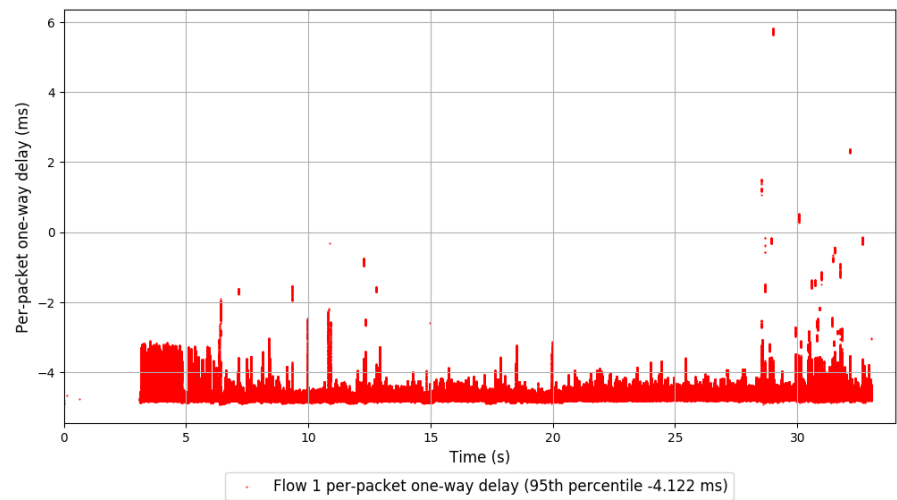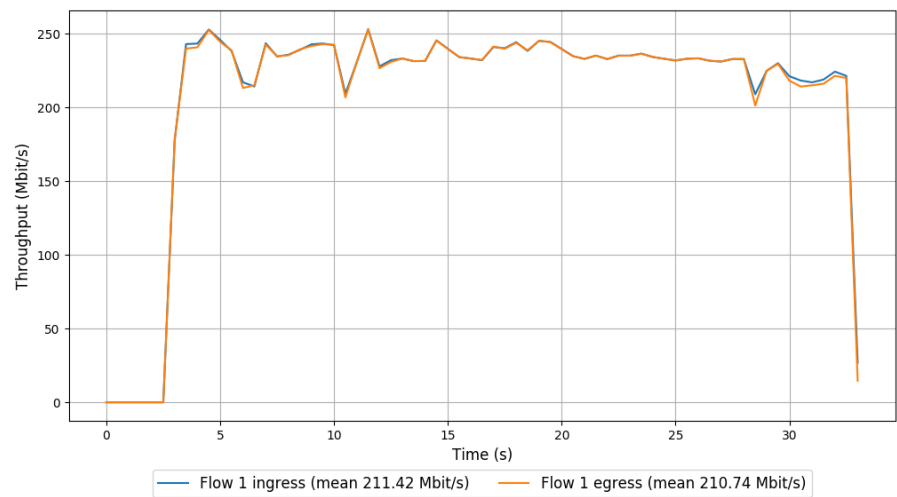
Run 9: Report of TaoVA-100x — Data Link



Flow 1 ingress (mean 211.42 Mbit/s) —— Flow 1 egress (mean 210.74 Mbit/s)



· Flow 1 per-packet one-way delay (95th percentile -4.122 ms)

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

Start at: Fri, 23 Jun 2017 23:48:05 +0000
End at: Fri, 23 Jun 2017 23:48:35 +0000
Local clock offset: 3.223 ms
Remote clock offset: -2.459 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:46:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 209.00 Mbit/s
95th percentile per-packet one-way delay: -4.354 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 209.00 Mbit/s
95th percentile per-packet one-way delay: -4.354 ms
Loss rate: 0.88%
```
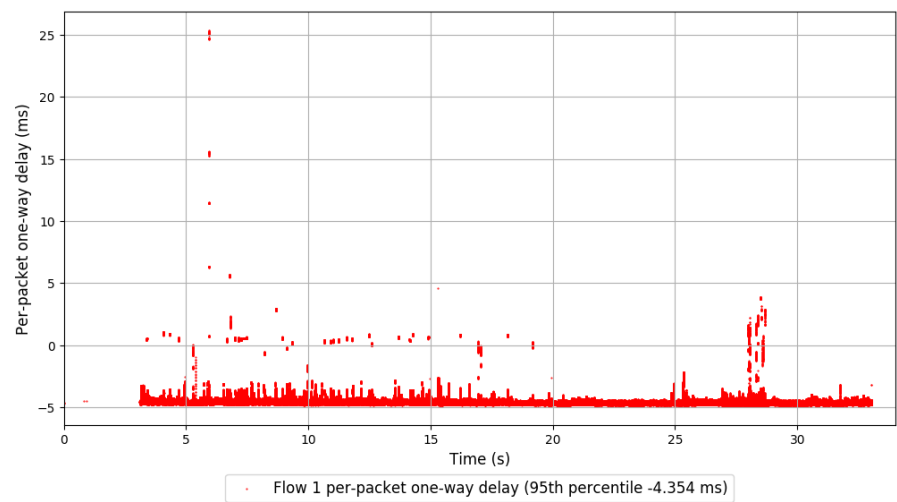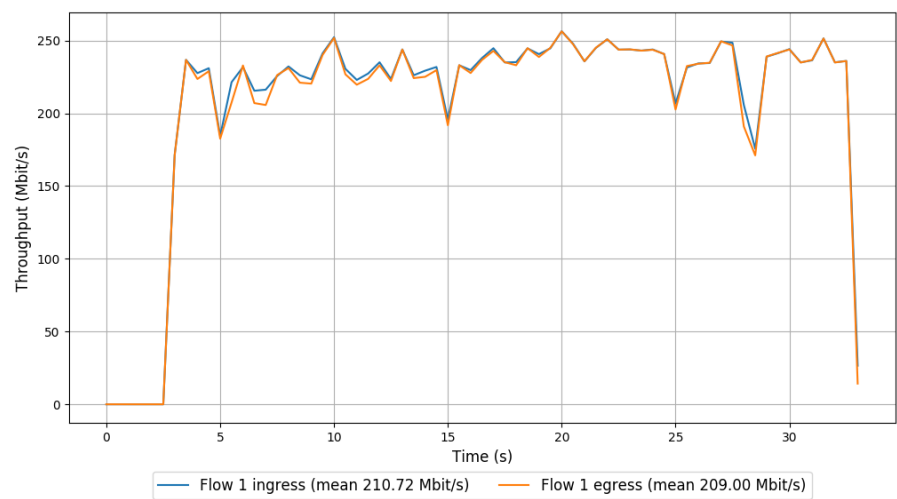
Run 10: Report of TaoVA-100x — Data Link

```
Run 1: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 20:45:24 +0000
End at: Fri, 23 Jun 2017 20:45:54 +0000
Local clock offset: 2.433 ms
Remote clock offset: -1.632 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:46:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.20 Mbit/s
95th percentile per-packet one-way delay: -2.705 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 79.20 Mbit/s
95th percentile per-packet one-way delay: -2.705 ms
Loss rate: 0.34%
```
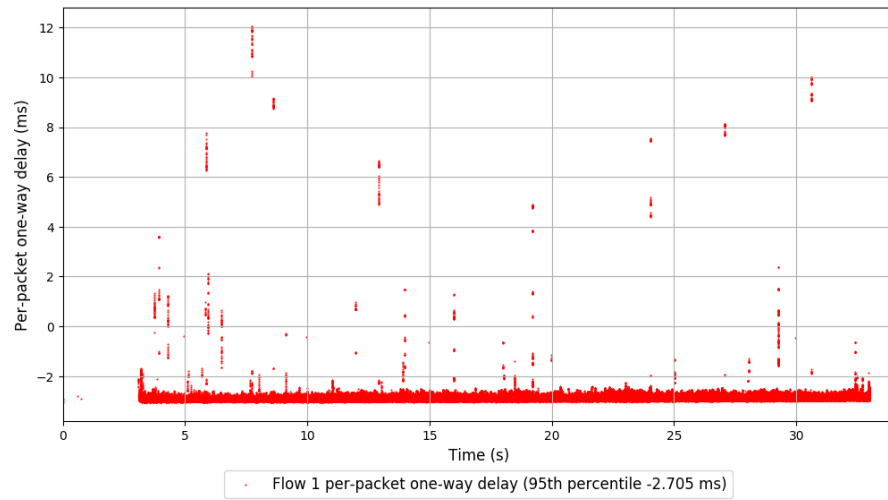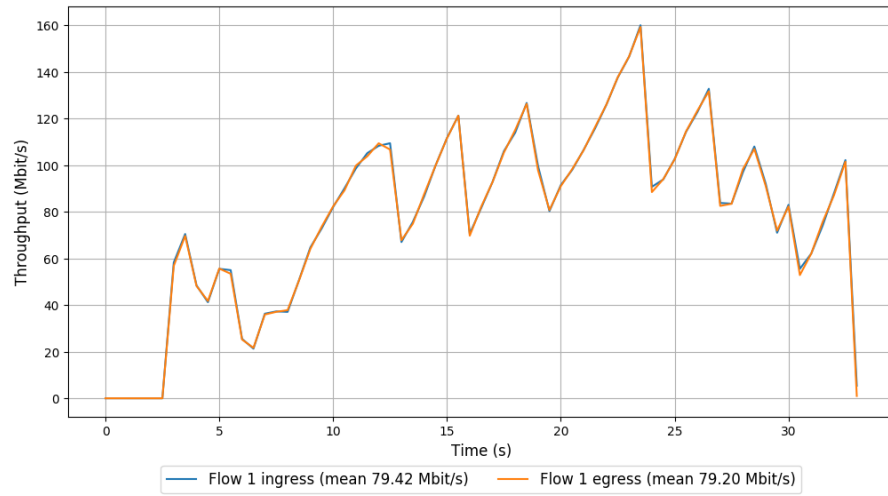
# Run 1: Report of TCP Vegas — Data Link



Flow 1 ingress (mean 79.42 Mbit/s)    Flow 1 egress (mean 79.20 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -2.705 ms)

```
Run 2: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 21:05:18 +0000
End at: Fri, 23 Jun 2017 21:05:48 +0000
Local clock offset: 2.139 ms
Remote clock offset: -1.693 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:46:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.02 Mbit/s
95th percentile per-packet one-way delay: -2.577 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 95.02 Mbit/s
95th percentile per-packet one-way delay: -2.577 ms
Loss rate: 0.17%
```
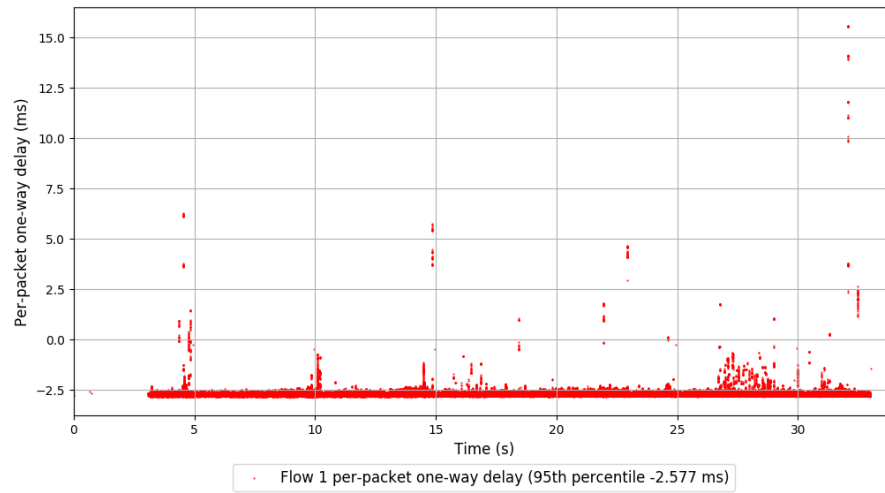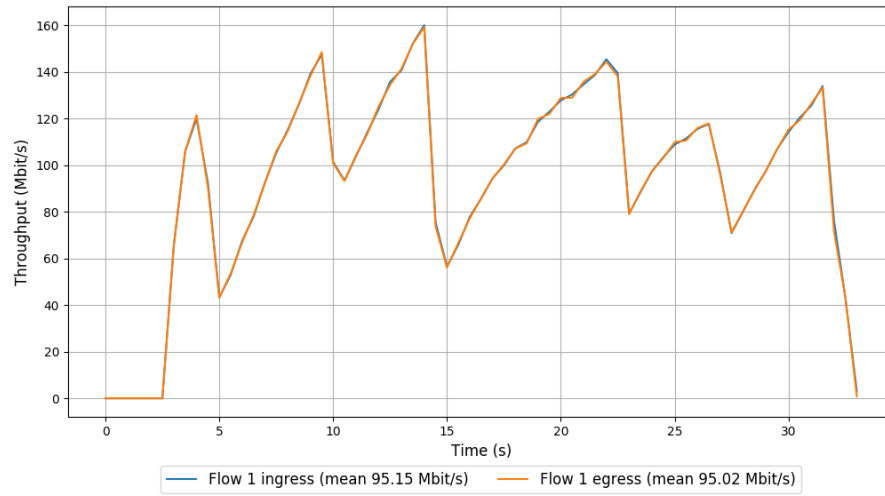
Run 2: Report of TCP Vegas — Data Link

```
Run 3: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 21:24:54 +0000
End at: Fri, 23 Jun 2017 21:25:24 +0000
Local clock offset: 1.447 ms
Remote clock offset: -2.087 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:46:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.21 Mbit/s
95th percentile per-packet one-way delay: -2.112 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 67.21 Mbit/s
95th percentile per-packet one-way delay: -2.112 ms
Loss rate: 0.22%
```
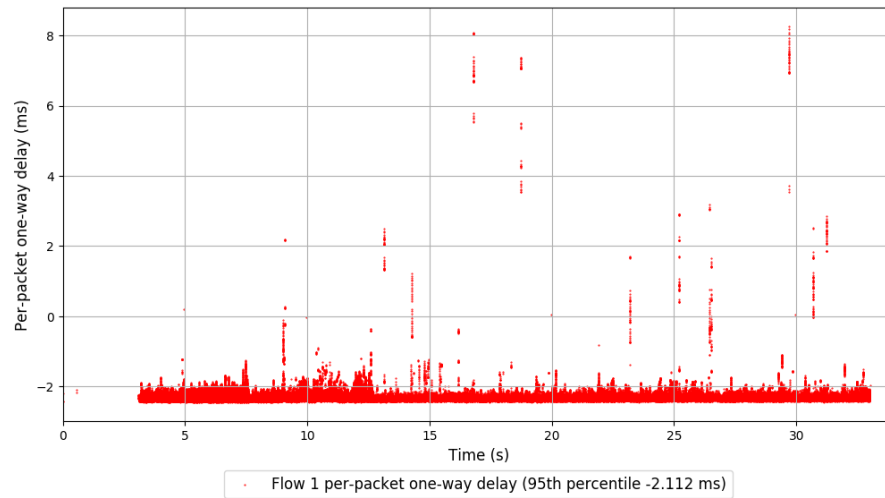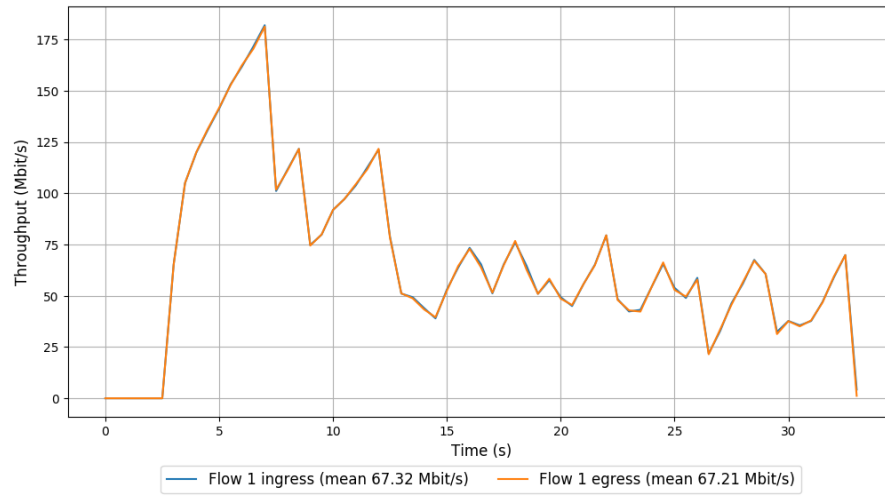
Run 3: Report of TCP Vegas — Data Link



Flow 1 ingress (mean 67.32 Mbit/s)    Flow 1 egress (mean 67.21 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -2.112 ms)

```
Run 4: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 21:44:12 +0000
End at: Fri, 23 Jun 2017 21:44:42 +0000
Local clock offset: 3.032 ms
Remote clock offset: -2.309 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:46:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.60 Mbit/s
95th percentile per-packet one-way delay: -4.079 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 88.60 Mbit/s
95th percentile per-packet one-way delay: -4.079 ms
Loss rate: 0.19%
```
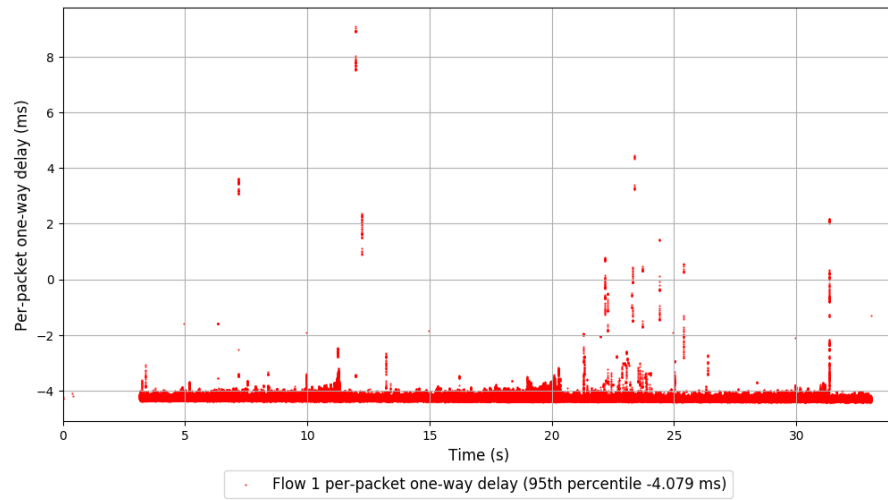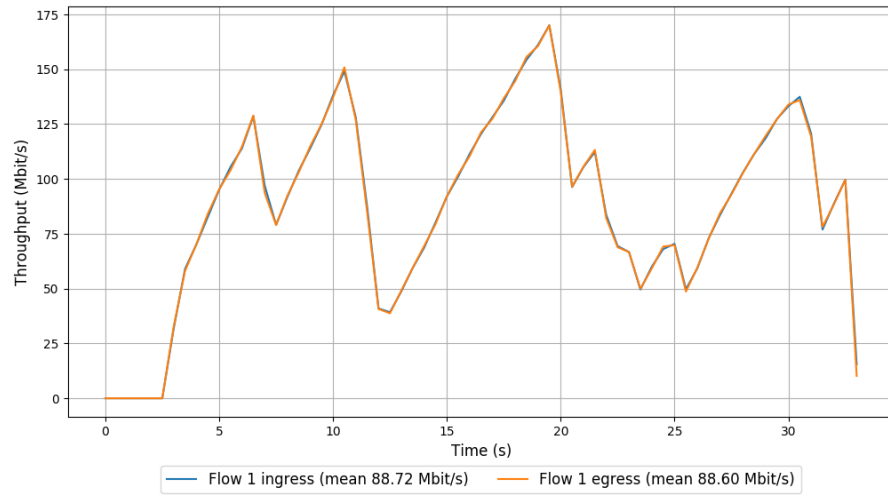
Run 4: Report of TCP Vegas — Data Link



Flow 1 ingress (mean 88.72 Mbit/s)      Flow 1 egress (mean 88.60 Mbit/s)

Flow 1 per-packet one-way delay (95th percentile -4.079 ms)

```
Run 5: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 22:04:00 +0000
End at: Fri, 23 Jun 2017 22:04:30 +0000
Local clock offset: 3.207 ms
Remote clock offset: -2.476 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:46:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.32 Mbit/s
95th percentile per-packet one-way delay: -4.428 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 87.32 Mbit/s
95th percentile per-packet one-way delay: -4.428 ms
Loss rate: 0.22%
```
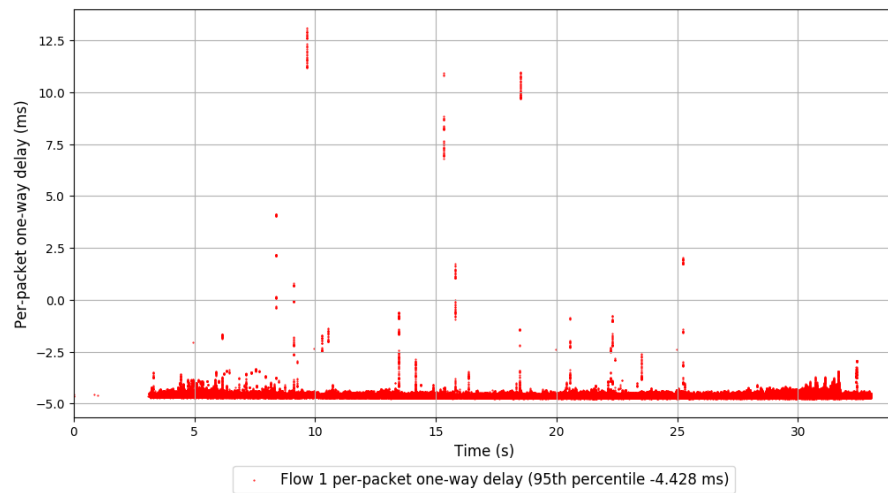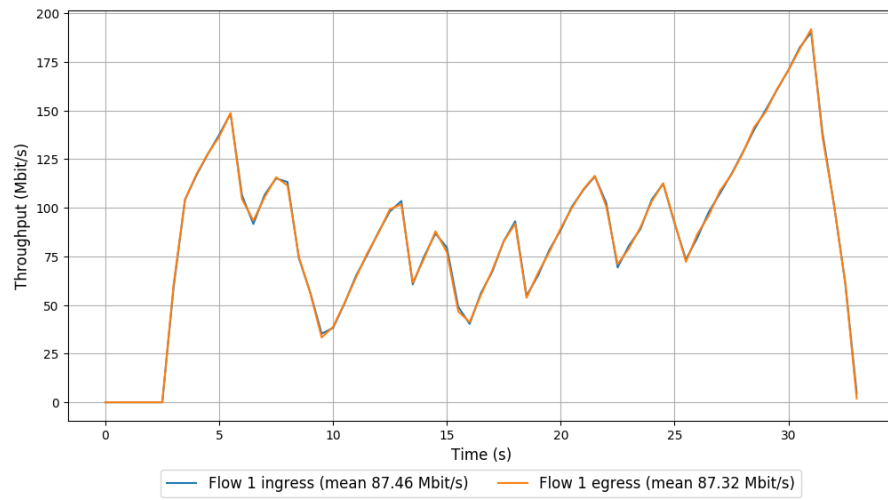
Run 5: Report of TCP Vegas — Data Link



Flow 1 ingress (mean 87.46 Mbit/s)  Flow 1 egress (mean 87.32 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -4.428 ms)

```
Run 6: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 22:23:27 +0000
End at: Fri, 23 Jun 2017 22:23:57 +0000
Local clock offset: 3.02 ms
Remote clock offset: -2.763 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:46:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.80 Mbit/s
95th percentile per-packet one-way delay: -4.546 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 79.80 Mbit/s
95th percentile per-packet one-way delay: -4.546 ms
Loss rate: 0.26%
```
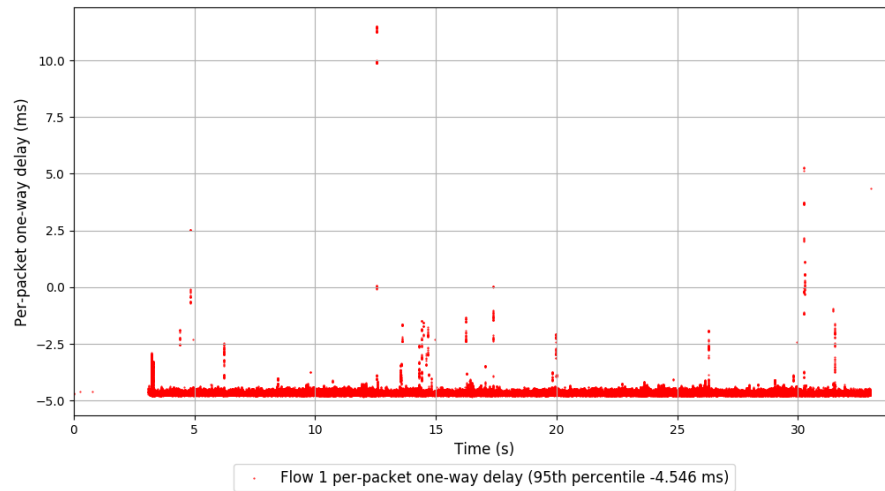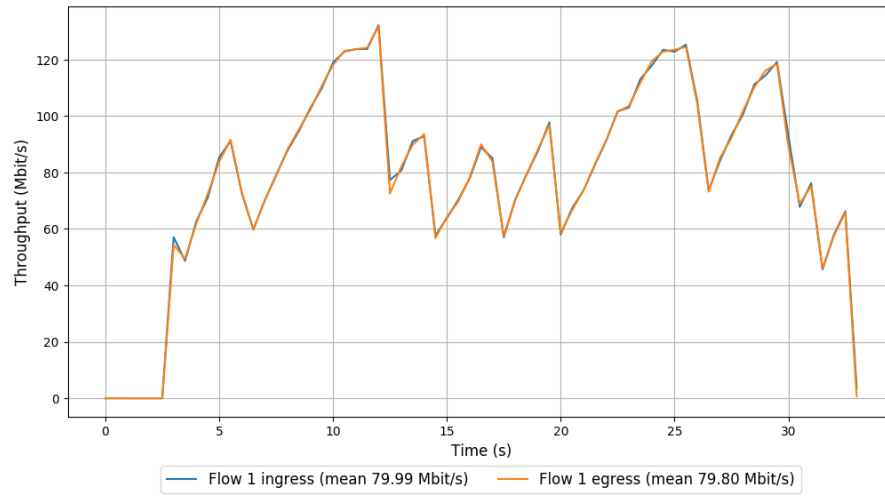
# Run 6: Report of TCP Vegas — Data Link



Flow 1 ingress (mean 79.99 Mbit/s)  Flow 1 egress (mean 79.80 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -4.546 ms)

```
Run 7: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 22:43:07 +0000
End at: Fri, 23 Jun 2017 22:43:37 +0000
Local clock offset: 3.906 ms
Remote clock offset: -2.629 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:46:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 105.82 Mbit/s
95th percentile per-packet one-way delay: -5.307 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 105.82 Mbit/s
95th percentile per-packet one-way delay: -5.307 ms
Loss rate: 0.18%
```
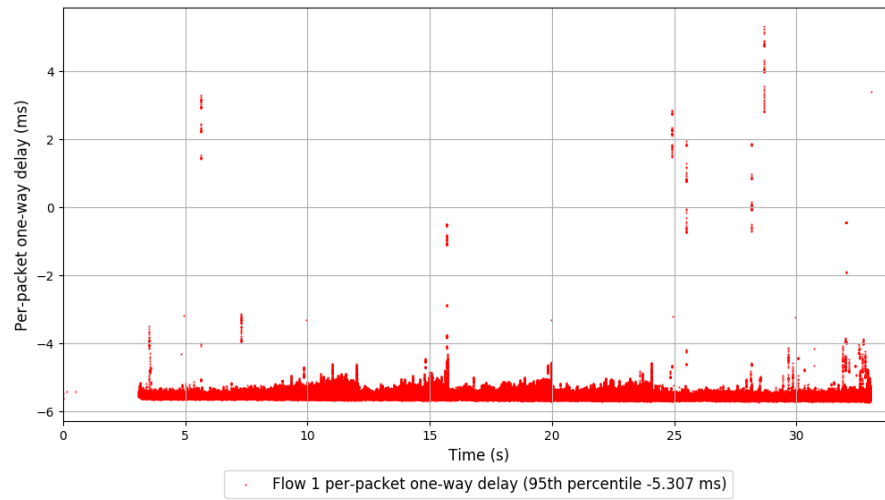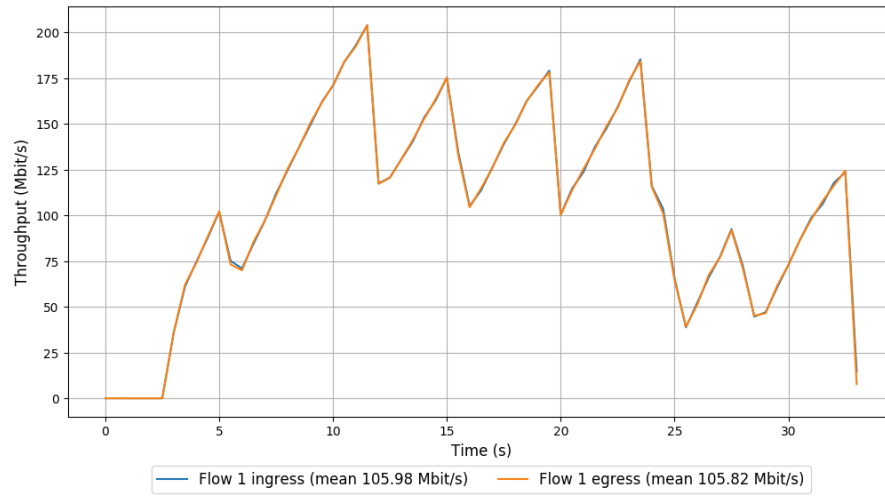
Run 7: Report of TCP Vegas — Data Link



Flow 1 ingress (mean 105.98 Mbit/s) — Flow 1 egress (mean 105.82 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -5.307 ms)

```
Run 8: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 23:02:24 +0000
End at: Fri, 23 Jun 2017 23:02:54 +0000
Local clock offset: 4.383 ms
Remote clock offset: -2.605 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:47:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 109.19 Mbit/s
95th percentile per-packet one-way delay: -5.683 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 109.19 Mbit/s
95th percentile per-packet one-way delay: -5.683 ms
Loss rate: 0.28%
```
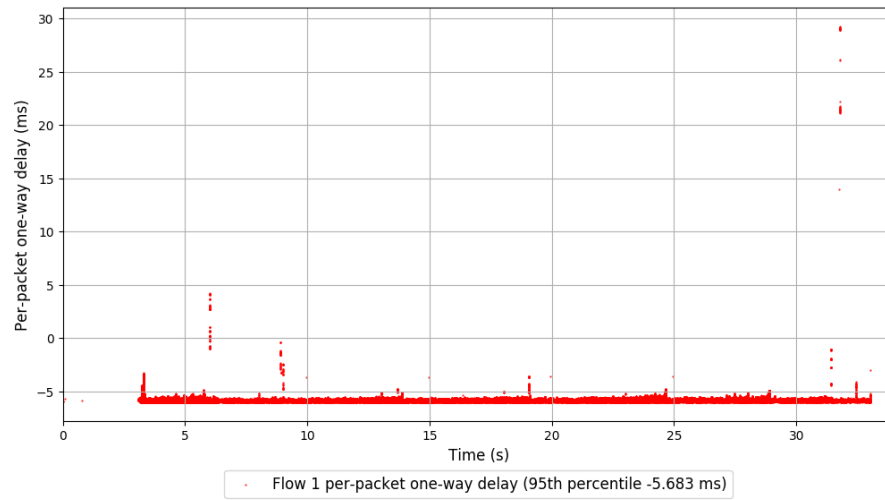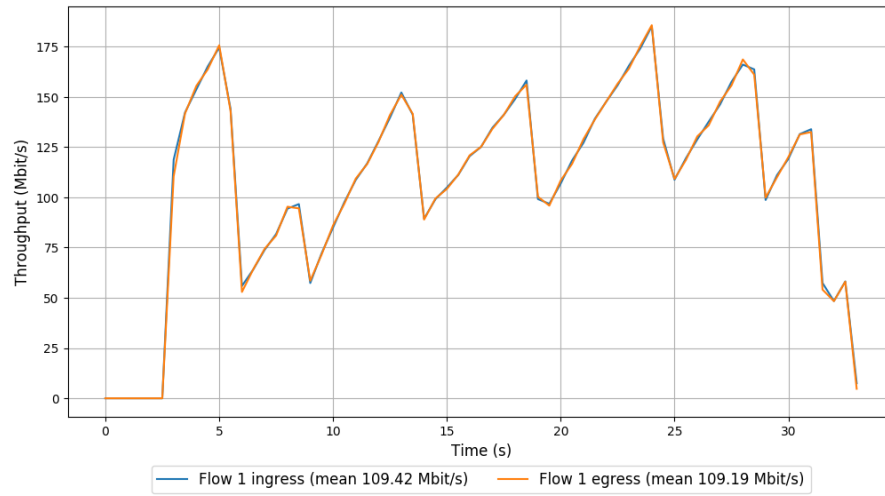
Run 8: Report of TCP Vegas — Data Link

```
Run 9: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 23:21:55 +0000
End at: Fri, 23 Jun 2017 23:22:25 +0000
Local clock offset: 3.844 ms
Remote clock offset: -2.322 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:47:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.32 Mbit/s
95th percentile per-packet one-way delay: -4.736 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 76.32 Mbit/s
95th percentile per-packet one-way delay: -4.736 ms
Loss rate: 0.22%
```
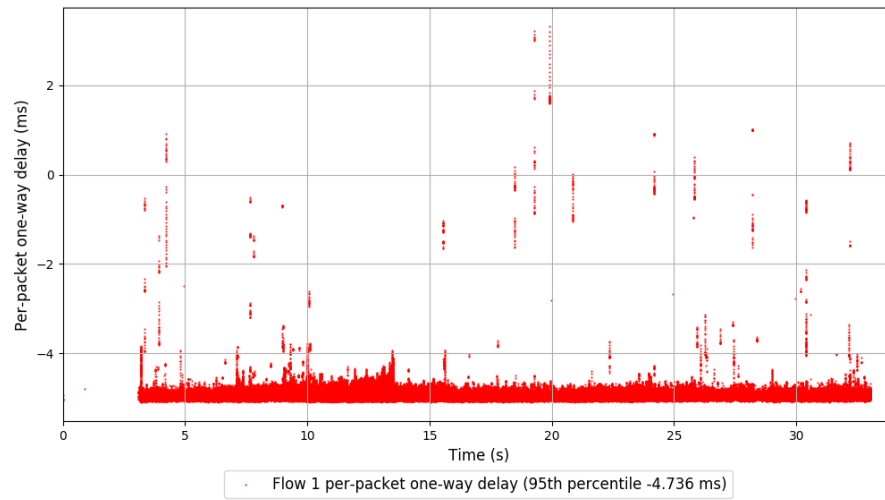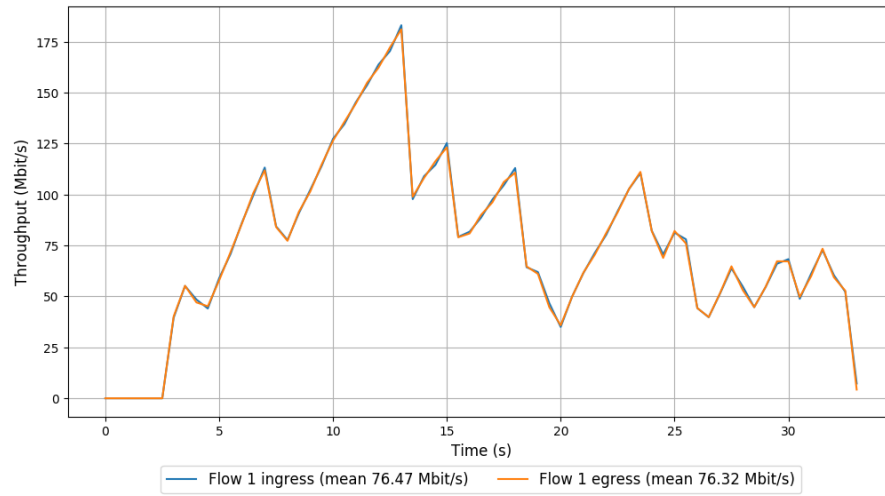
# Run 9: Report of TCP Vegas — Data Link



Flow 1 ingress (mean 76.47 Mbit/s)　　Flow 1 egress (mean 76.32 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -4.736 ms)

```
Run 10: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 23:41:26 +0000
End at: Fri, 23 Jun 2017 23:41:57 +0000
Local clock offset: 3.193 ms
Remote clock offset: -2.366 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:47:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.07 Mbit/s
95th percentile per-packet one-way delay: -4.216 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 80.07 Mbit/s
95th percentile per-packet one-way delay: -4.216 ms
Loss rate: 0.27%
```
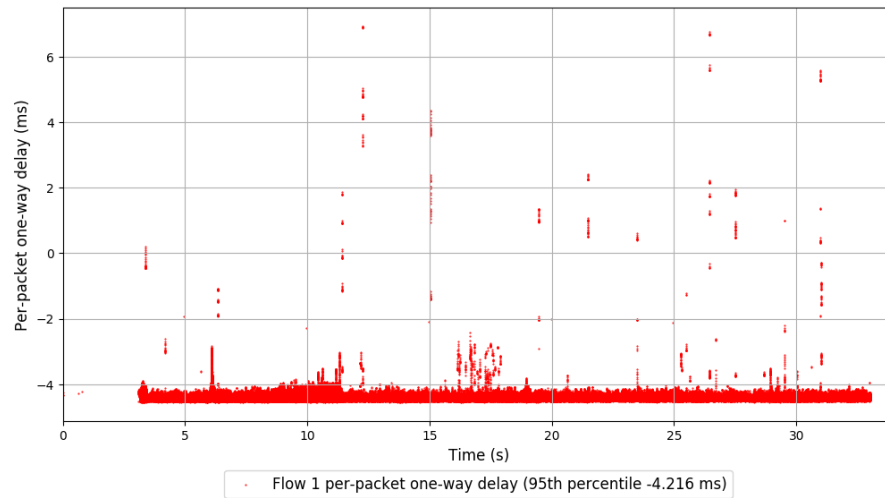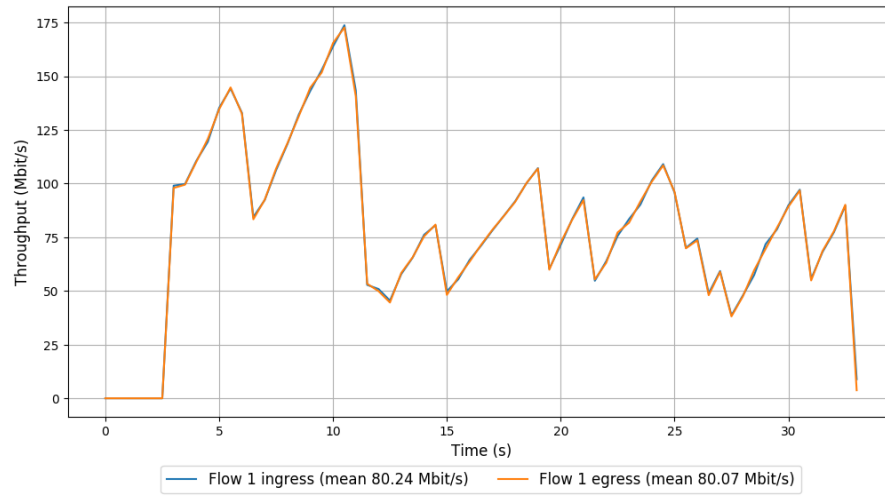
Run 10: Report of TCP Vegas — Data Link

```
Run 1: Statistics of Verus

Start at: Fri, 23 Jun 2017 20:47:53 +0000
End at: Fri, 23 Jun 2017 20:48:23 +0000
Local clock offset: 2.141 ms
Remote clock offset: -1.643 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:47:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 109.88 Mbit/s
95th percentile per-packet one-way delay: -0.005 ms
Loss rate: 46.54%
-- Flow 1:
Average throughput: 109.88 Mbit/s
95th percentile per-packet one-way delay: -0.005 ms
Loss rate: 46.54%
```
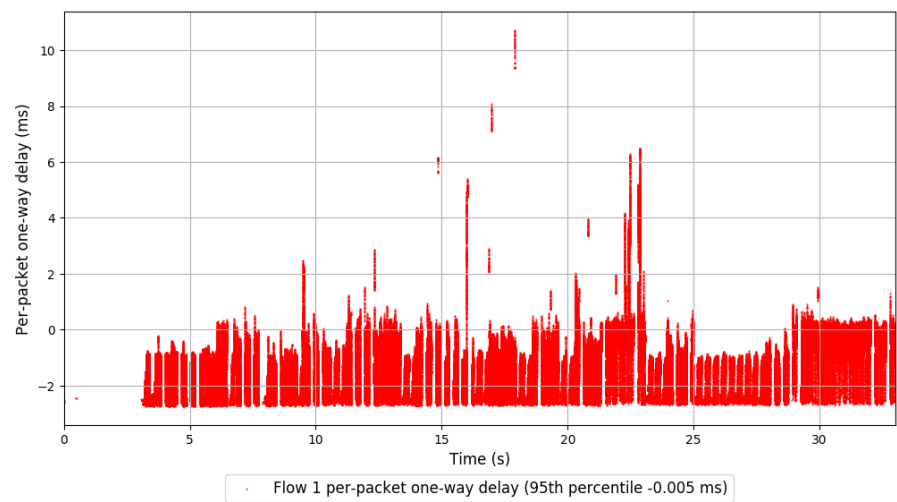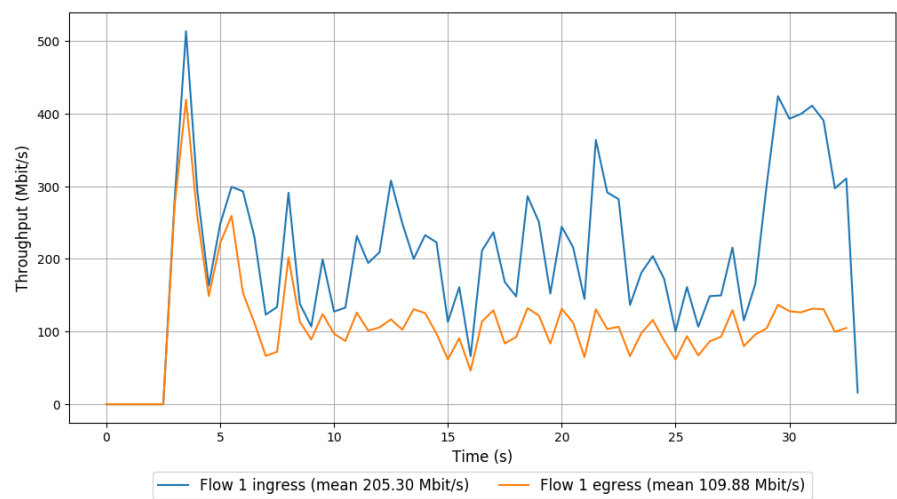
Run 1: Report of Verus — Data Link



Flow 1 ingress (mean 205.30 Mbit/s) ——— Flow 1 egress (mean 109.88 Mbit/s)



· Flow 1 per-packet one-way delay (95th percentile -0.005 ms)

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```
Run 2: Statistics of Verus

Start at: Fri, 23 Jun 2017 21:07:49 +0000
End at: Fri, 23 Jun 2017 21:08:19 +0000
Local clock offset: 1.957 ms
Remote clock offset: -1.807 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:47:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.06 Mbit/s
95th percentile per-packet one-way delay: 1.210 ms
Loss rate: 53.19%
-- Flow 1:
Average throughput: 97.06 Mbit/s
95th percentile per-packet one-way delay: 1.210 ms
Loss rate: 53.19%
```
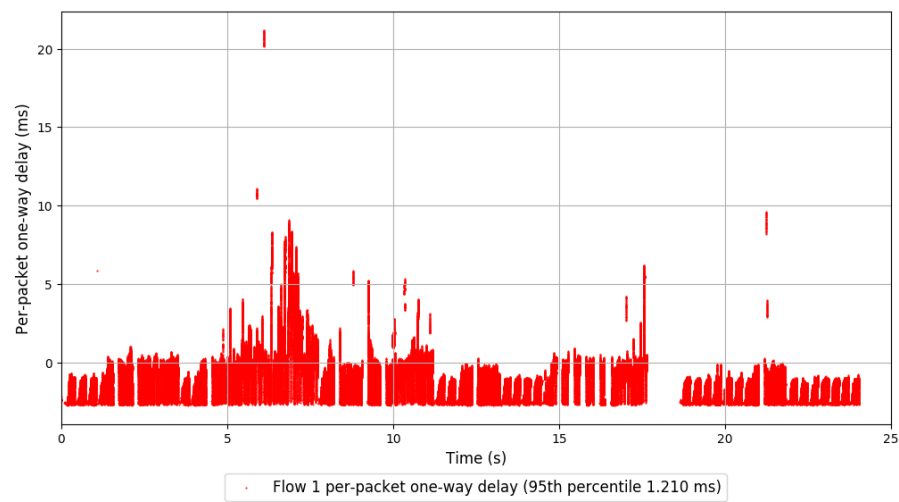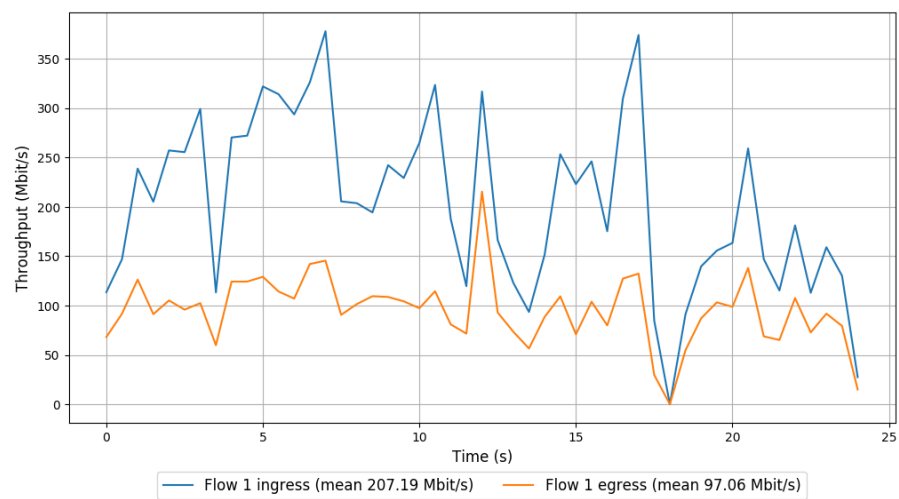
Run 2: Report of Verus — Data Link

```
Run 3: Statistics of Verus

Start at: Fri, 23 Jun 2017 21:27:23 +0000
End at: Fri, 23 Jun 2017 21:27:53 +0000
Local clock offset: 1.238 ms
Remote clock offset: -2.09 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:47:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.88 Mbit/s
95th percentile per-packet one-way delay: 0.303 ms
Loss rate: 56.54%
-- Flow 1:
Average throughput: 86.88 Mbit/s
95th percentile per-packet one-way delay: 0.303 ms
Loss rate: 56.54%
```
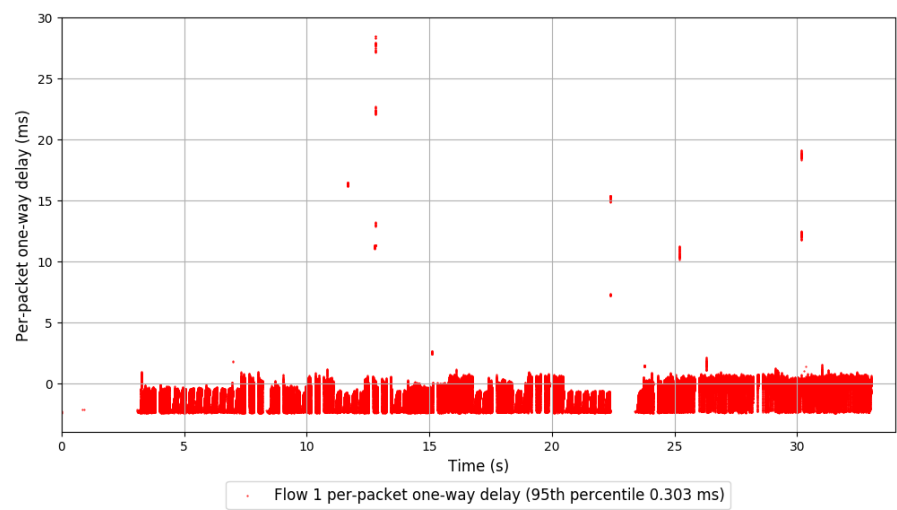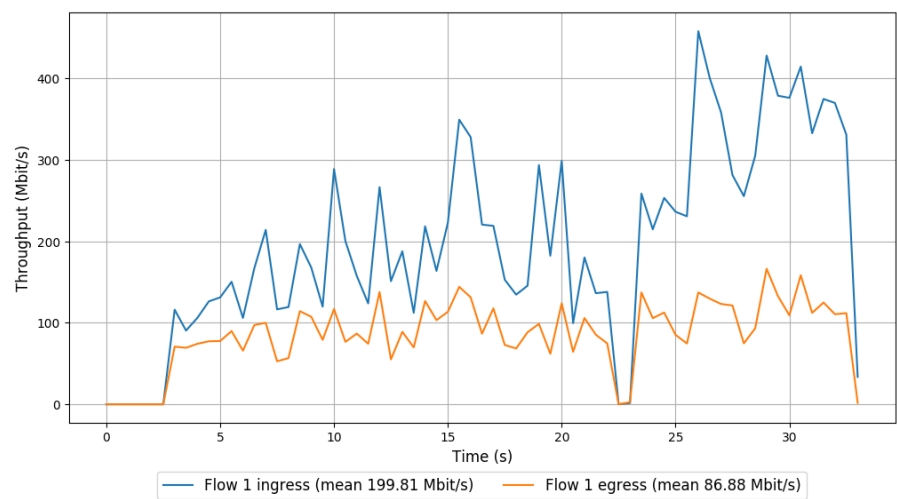
# Run 3: Report of Verus — Data Link



Flow 1 ingress (mean 199.81 Mbit/s) ———— Flow 1 egress (mean 86.88 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile 0.303 ms)

```
Run 4: Statistics of Verus

Start at: Fri, 23 Jun 2017 21:46:47 +0000
End at: Fri, 23 Jun 2017 21:47:17 +0000
Local clock offset: 3.223 ms
Remote clock offset: -2.304 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:47:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 181.39 Mbit/s
95th percentile per-packet one-way delay: -1.872 ms
Loss rate: 26.01%
-- Flow 1:
Average throughput: 181.39 Mbit/s
95th percentile per-packet one-way delay: -1.872 ms
Loss rate: 26.01%
```
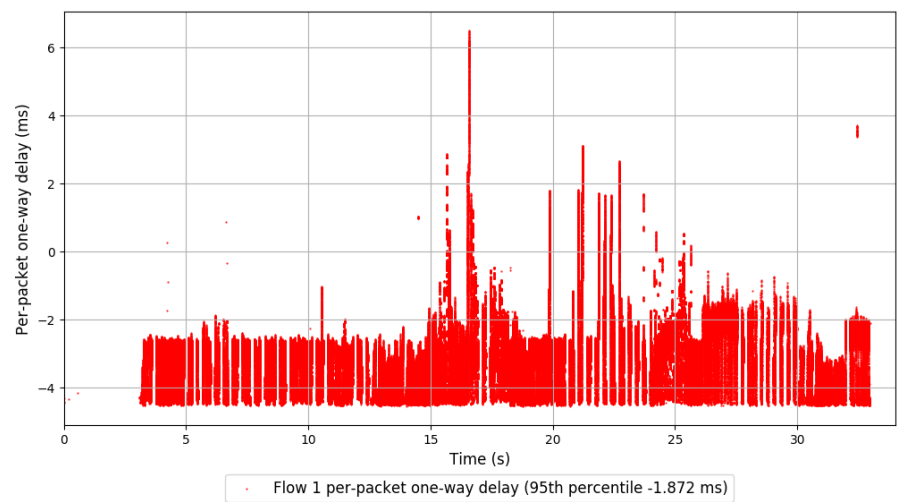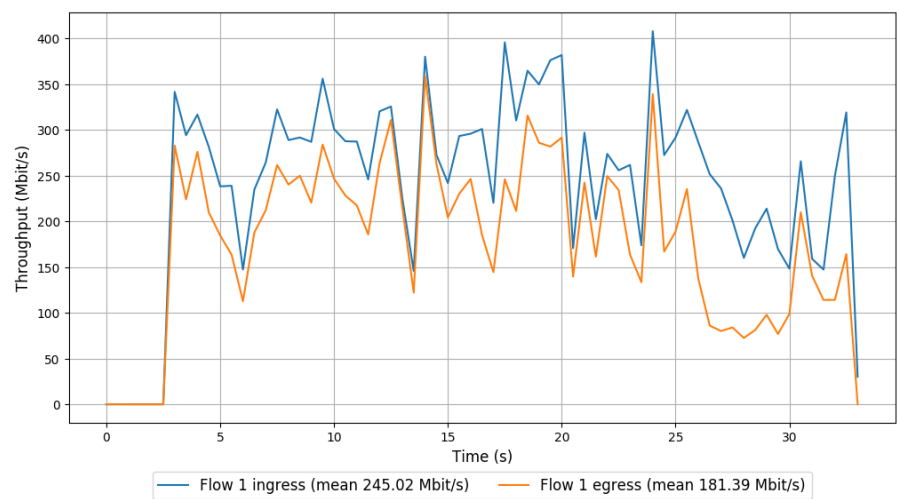
Run 4: Report of Verus — Data Link



Flow 1 ingress (mean 245.02 Mbit/s) —— Flow 1 egress (mean 181.39 Mbit/s)



· Flow 1 per-packet one-way delay (95th percentile -1.872 ms)

```
Run 5: Statistics of Verus

Start at: Fri, 23 Jun 2017 22:06:31 +0000
End at: Fri, 23 Jun 2017 22:07:01 +0000
Local clock offset: 3.294 ms
Remote clock offset: -2.453 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:48:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.65 Mbit/s
95th percentile per-packet one-way delay: 1.098 ms
Loss rate: 46.34%
-- Flow 1:
Average throughput: 89.65 Mbit/s
95th percentile per-packet one-way delay: 1.098 ms
Loss rate: 46.34%
```
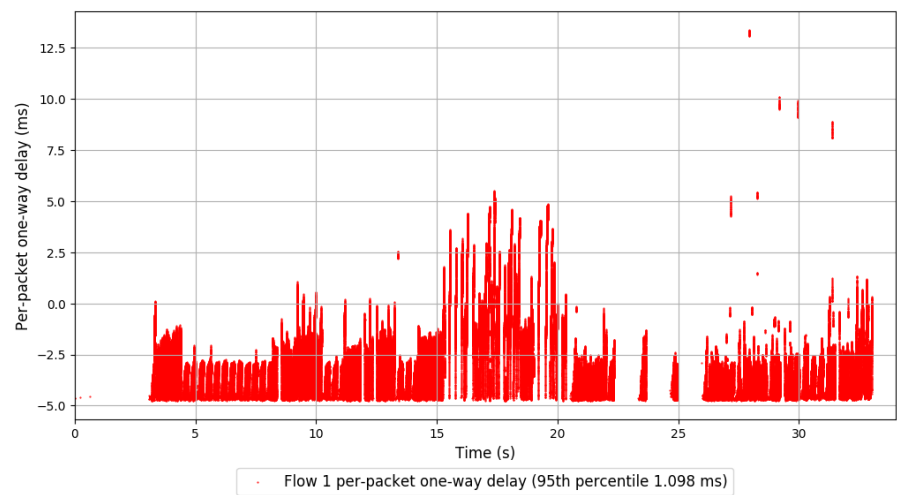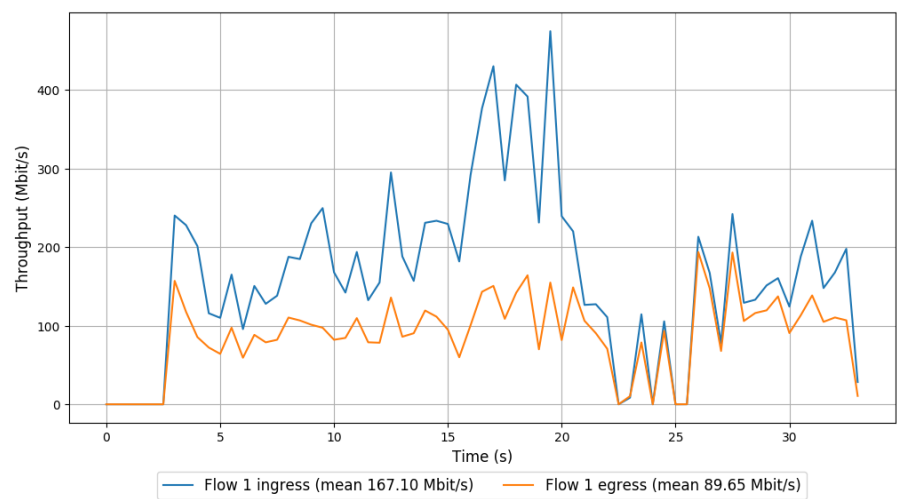
Run 5: Report of Verus — Data Link

```
Run 6: Statistics of Verus

Start at: Fri, 23 Jun 2017 22:25:55 +0000
End at: Fri, 23 Jun 2017 22:26:25 +0000
Local clock offset: 3.032 ms
Remote clock offset: -2.775 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:48:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.14 Mbit/s
95th percentile per-packet one-way delay: -0.450 ms
Loss rate: 51.95%
-- Flow 1:
Average throughput: 74.14 Mbit/s
95th percentile per-packet one-way delay: -0.450 ms
Loss rate: 51.95%
```
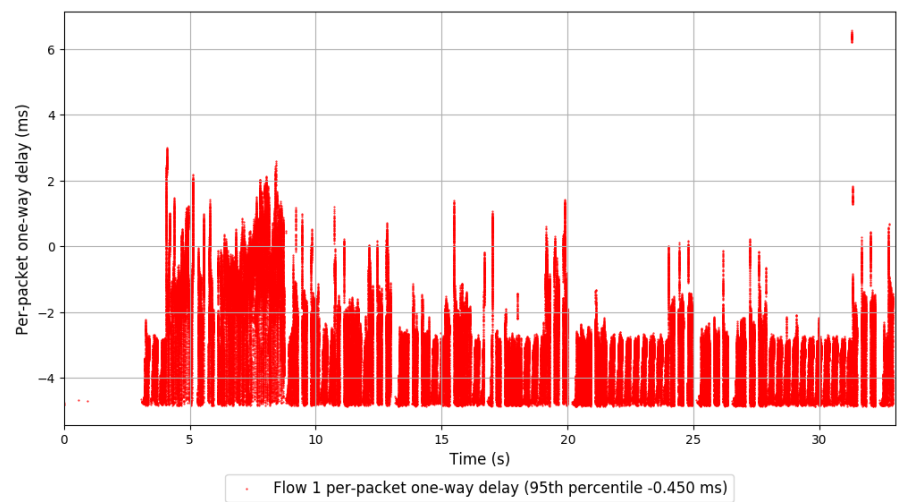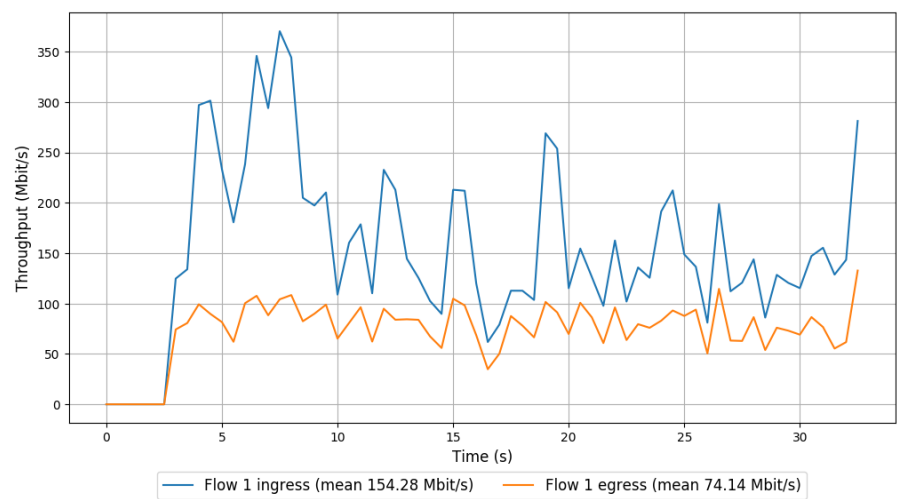
Run 6: Report of Verus — Data Link



Flow 1 ingress (mean 154.28 Mbit/s) —— Flow 1 egress (mean 74.14 Mbit/s)



. Flow 1 per-packet one-way delay (95th percentile -0.450 ms)
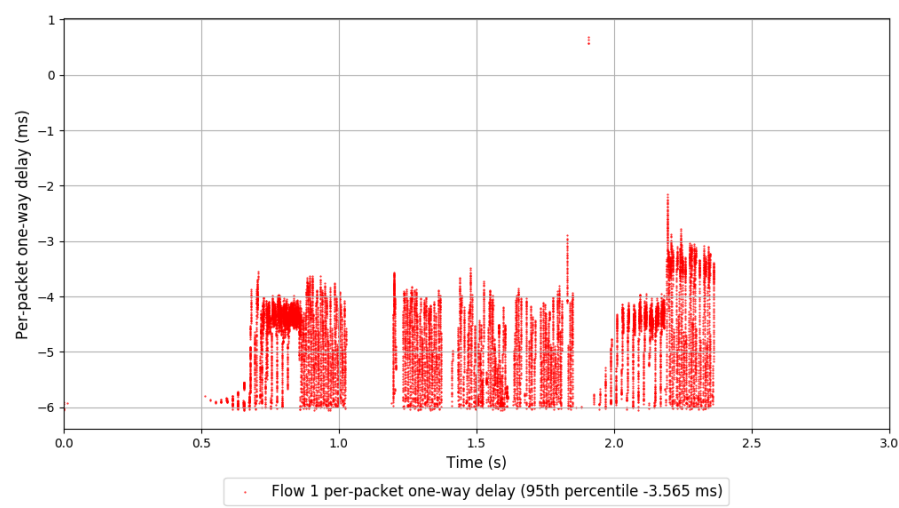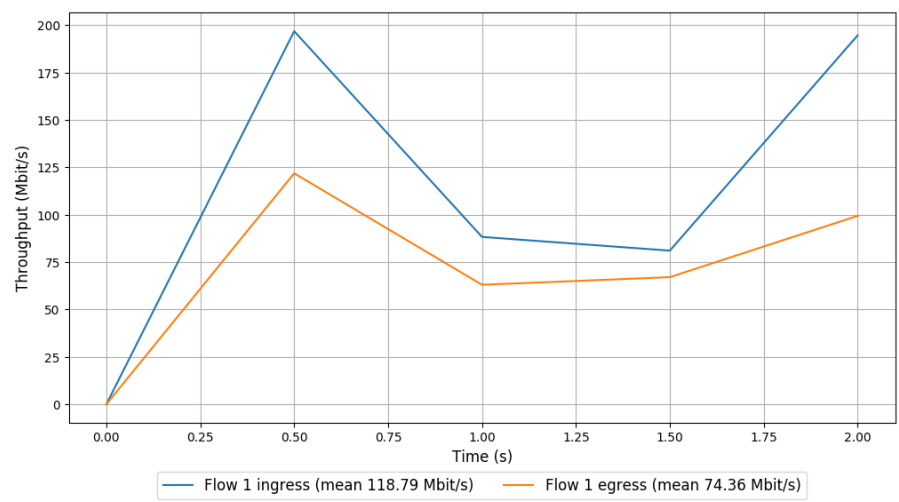
```
Run 7: Statistics of Verus

Start at: Fri, 23 Jun 2017 22:45:38 +0000
End at: Fri, 23 Jun 2017 22:46:08 +0000
Local clock offset: 4.185 ms
Remote clock offset: -2.73 ms
```

# Run 7: Report of Verus — Data Link



Flow 1 ingress (mean 118.79 Mbit/s) —— Flow 1 egress (mean 74.36 Mbit/s)



· Flow 1 per-packet one-way delay (95th percentile -3.565 ms)

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```
Run 8: Statistics of Verus

Start at: Fri, 23 Jun 2017 23:04:56 +0000
End at: Fri, 23 Jun 2017 23:05:26 +0000
Local clock offset: 4.505 ms
Remote clock offset: -2.48 ms
```

Run 8: Report of Verus — Data Link

Figure is missing

Figure is missing

```
Run 9: Statistics of Verus

Start at: Fri, 23 Jun 2017 23:24:24 +0000
End at: Fri, 23 Jun 2017 23:24:54 +0000
Local clock offset: 3.806 ms
Remote clock offset: -2.317 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:48:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 112.83 Mbit/s
95th percentile per-packet one-way delay: 0.668 ms
Loss rate: 58.63%
-- Flow 1:
Average throughput: 112.83 Mbit/s
95th percentile per-packet one-way delay: 0.668 ms
Loss rate: 58.63%
```
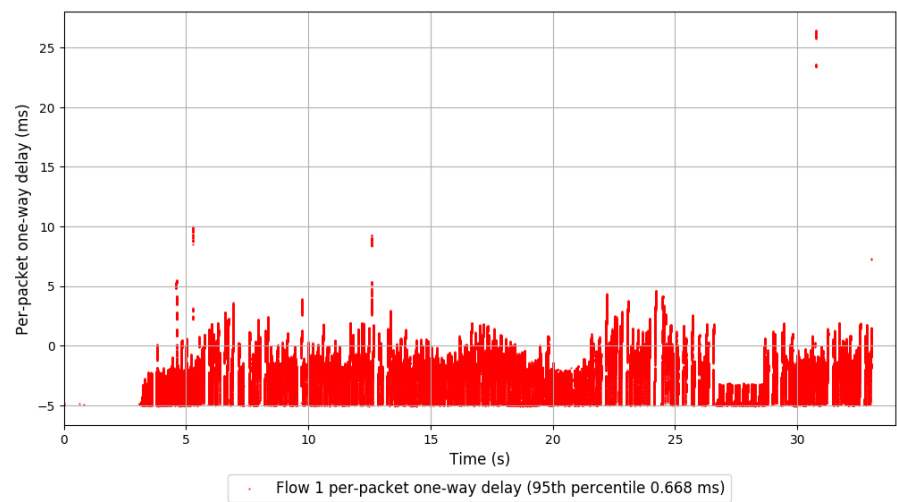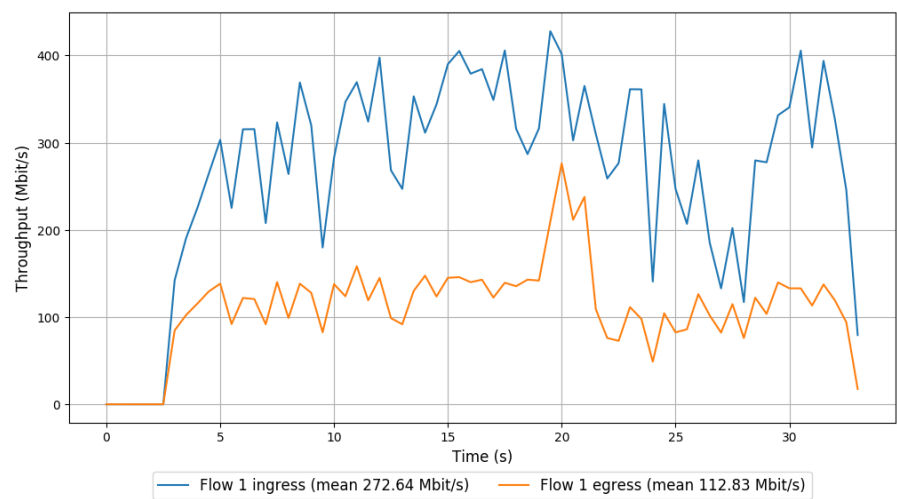
## Run 9: Report of Verus — Data Link

```
Run 10: Statistics of Verus

Start at: Fri, 23 Jun 2017 23:43:56 +0000
End at: Fri, 23 Jun 2017 23:44:26 +0000
Local clock offset: 3.036 ms
Remote clock offset: -2.39 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:48:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 106.53 Mbit/s
95th percentile per-packet one-way delay: 1.163 ms
Loss rate: 54.08%
-- Flow 1:
Average throughput: 106.53 Mbit/s
95th percentile per-packet one-way delay: 1.163 ms
Loss rate: 54.08%
```
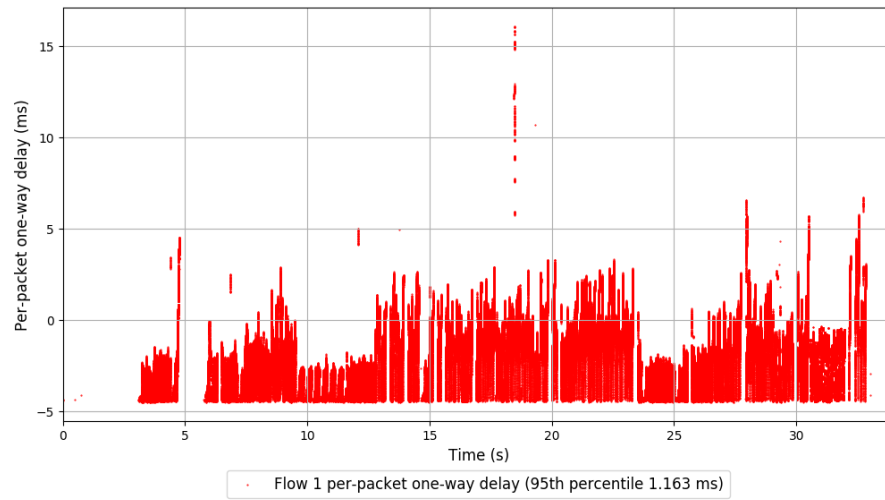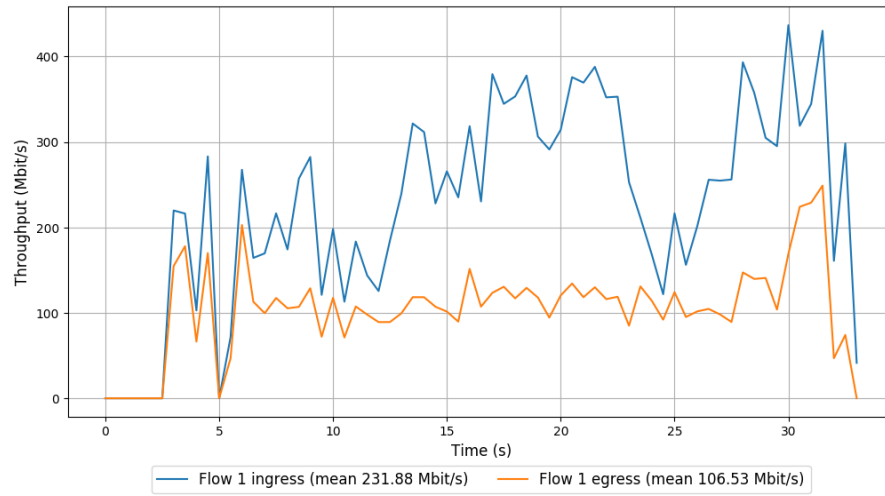
Run 10: Report of Verus — Data Link



Flow 1 ingress (mean 231.88 Mbit/s)    Flow 1 egress (mean 106.53 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile 1.163 ms)

```
Run 1: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 20:49:13 +0000
End at: Fri, 23 Jun 2017 20:49:43 +0000
Local clock offset: 2.005 ms
Remote clock offset: -1.539 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:48:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: -2.004 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: -2.004 ms
Loss rate: 0.15%
```
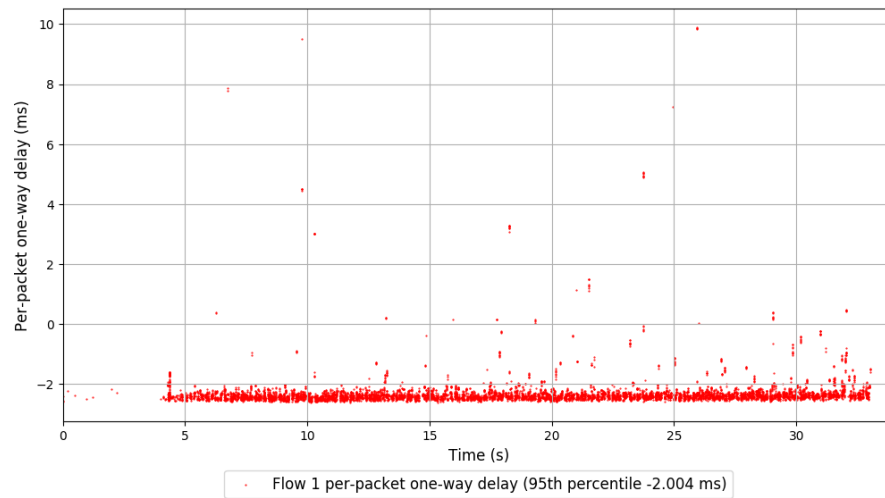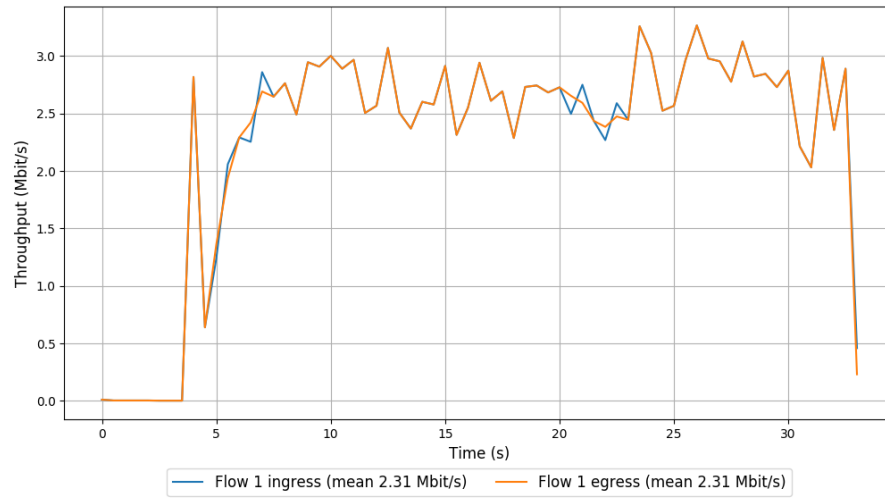
Run 1: Report of WebRTC media — Data Link

```
Run 2: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 21:09:08 +0000
End at: Fri, 23 Jun 2017 21:09:38 +0000
Local clock offset: 1.871 ms
Remote clock offset: -1.741 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:48:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.13 Mbit/s
95th percentile per-packet one-way delay: -2.348 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.13 Mbit/s
95th percentile per-packet one-way delay: -2.348 ms
Loss rate: 0.00%
```
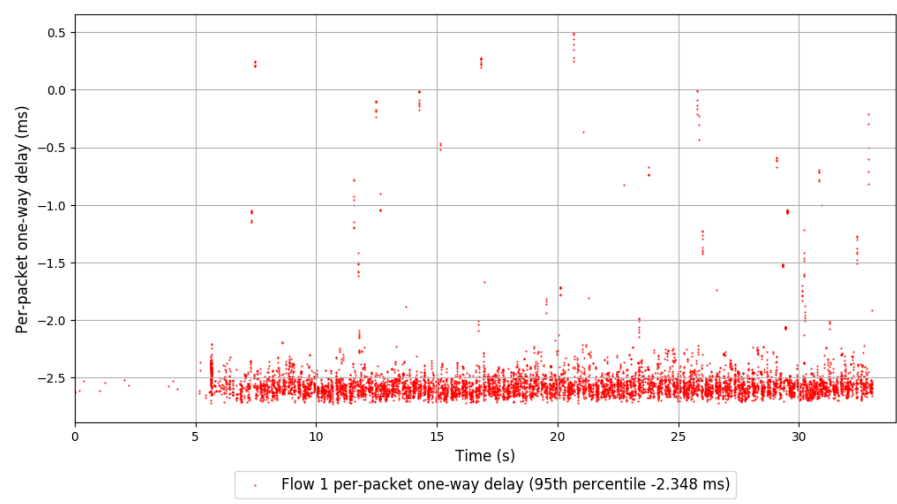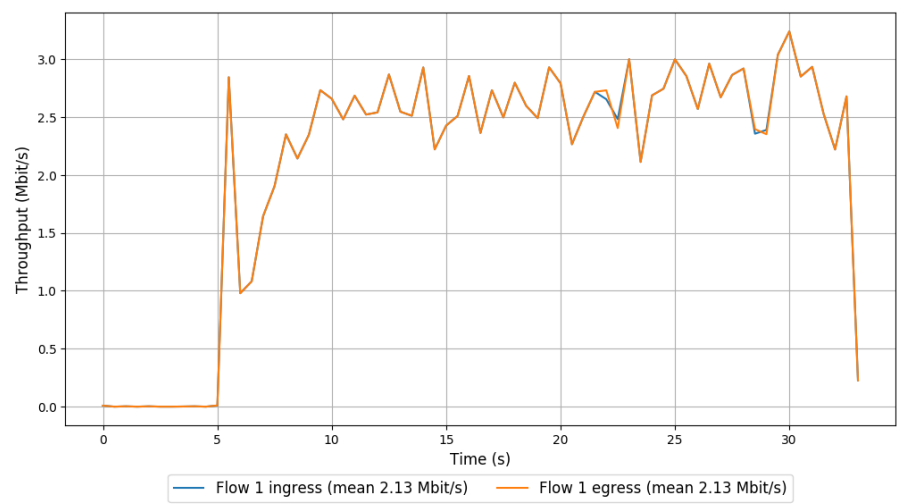
Run 2: Report of WebRTC media — Data Link

```
Run 3: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 21:28:40 +0000
End at: Fri, 23 Jun 2017 21:29:10 +0000
Local clock offset: 1.339 ms
Remote clock offset: -2.096 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:48:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: -1.992 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: -1.992 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link



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



Flow 1 per-packet one-way delay (95th percentile -1.992 ms)

```
Run 4: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 21:48:13 +0000
End at: Fri, 23 Jun 2017 21:48:43 +0000
Local clock offset: 3.132 ms
Remote clock offset: -2.312 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:48:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: -4.132 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: -4.132 ms
Loss rate: 0.00%
```
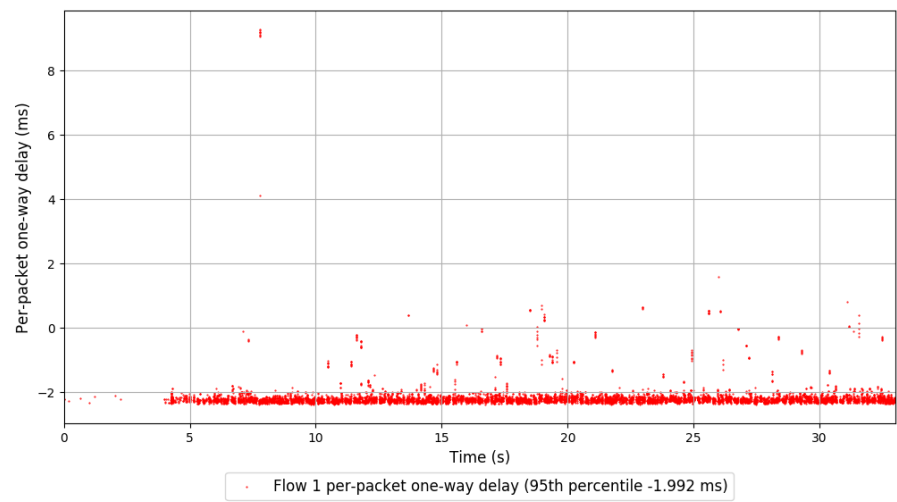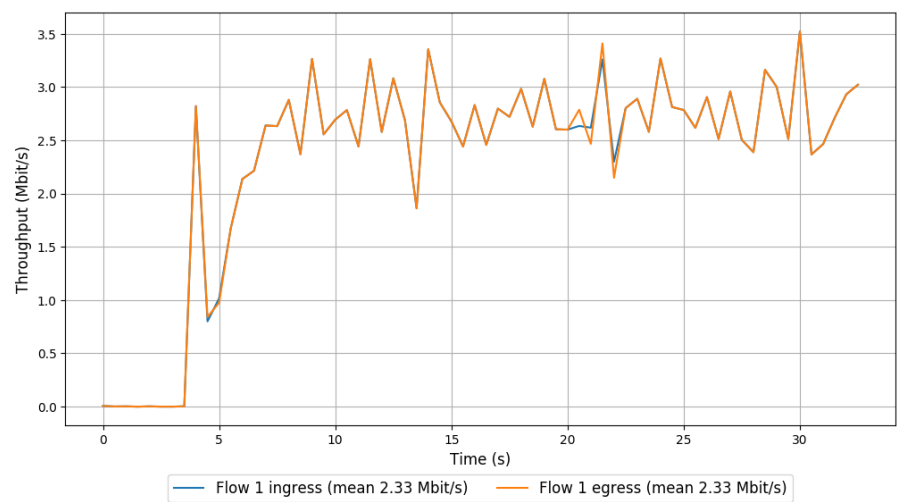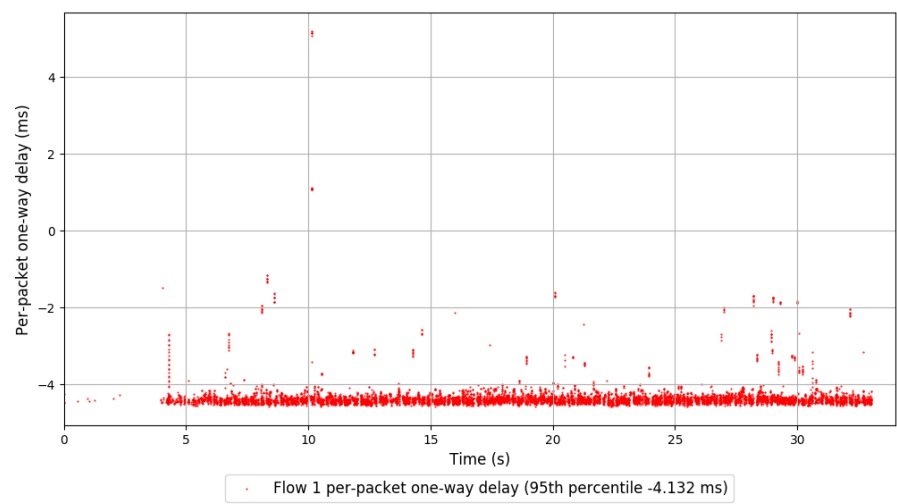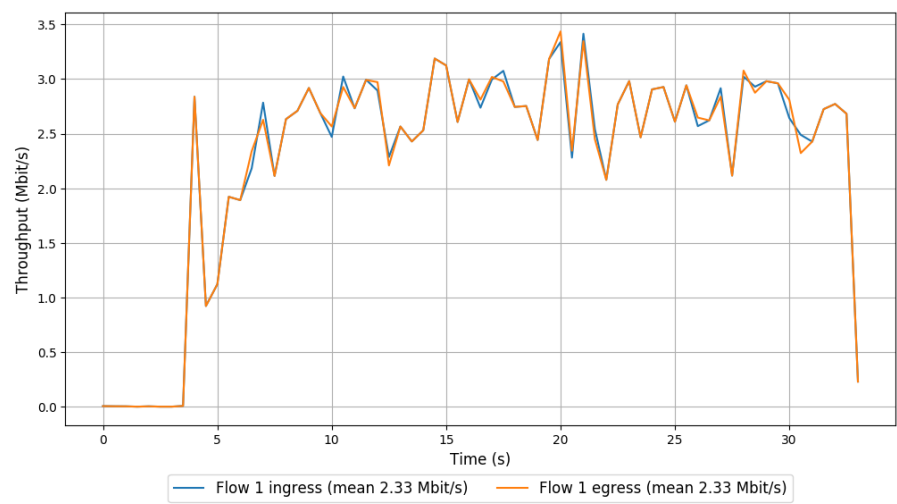
Run 4: Report of WebRTC media — Data Link



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



Flow 1 per-packet one-way delay (95th percentile -4.132 ms)

```
Run 5: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 22:07:48 +0000
End at: Fri, 23 Jun 2017 22:08:18 +0000
Local clock offset: 3.214 ms
Remote clock offset: -2.546 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:48:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -4.353 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -4.353 ms
Loss rate: 0.15%
```

Run 5: 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 -4.353 ms)

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```
Run 6: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 22:27:12 +0000
End at: Fri, 23 Jun 2017 22:27:42 +0000
Local clock offset: 3.053 ms
Remote clock offset: -2.79 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:48:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -4.514 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -4.514 ms
Loss rate: 0.14%
```
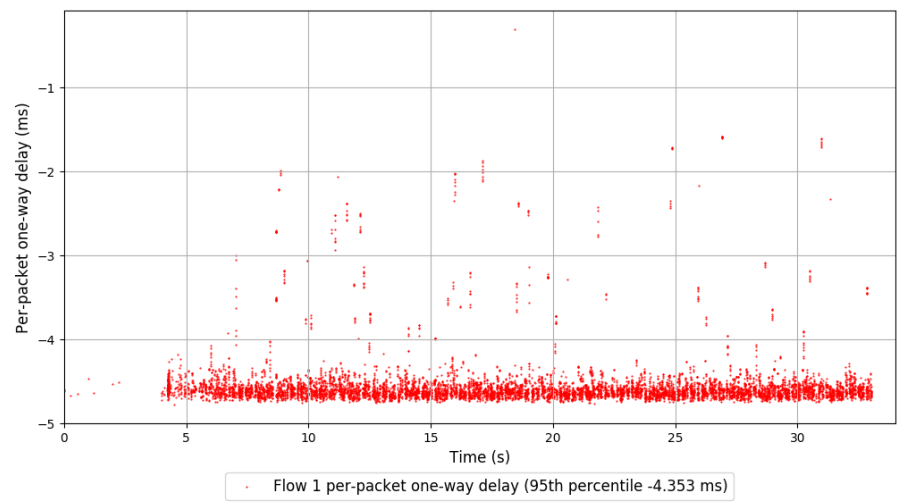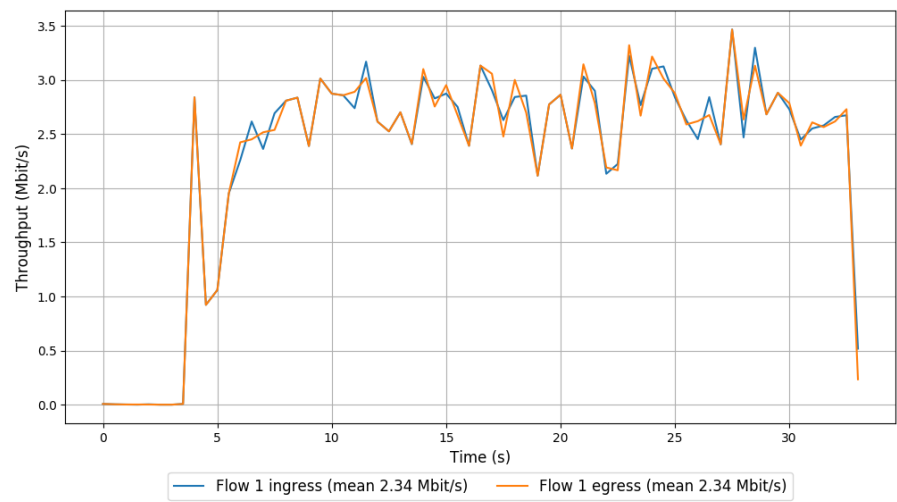
Run 6: Report of WebRTC media — Data Link



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 -4.514 ms)

```
Run 7: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 22:46:48 +0000
End at: Fri, 23 Jun 2017 22:47:18 +0000
Local clock offset: 4.403 ms
Remote clock offset: -2.697 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:48:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -5.818 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -5.818 ms
Loss rate: 0.15%
```
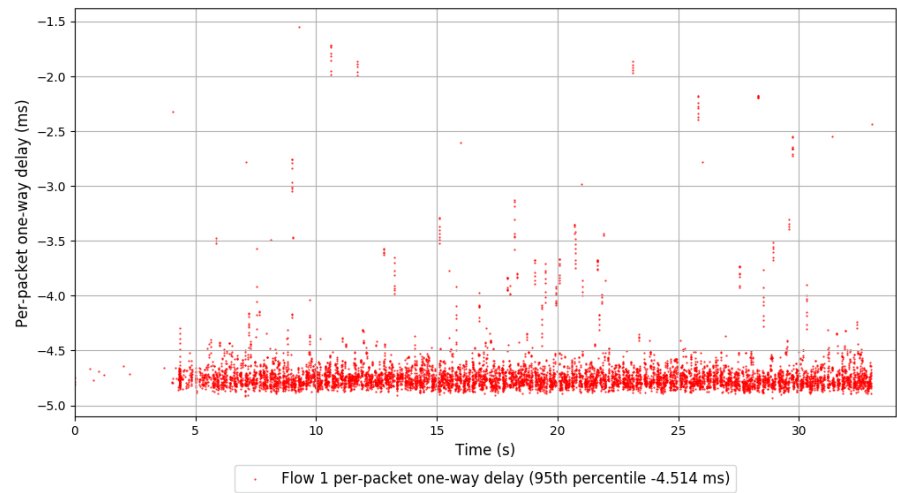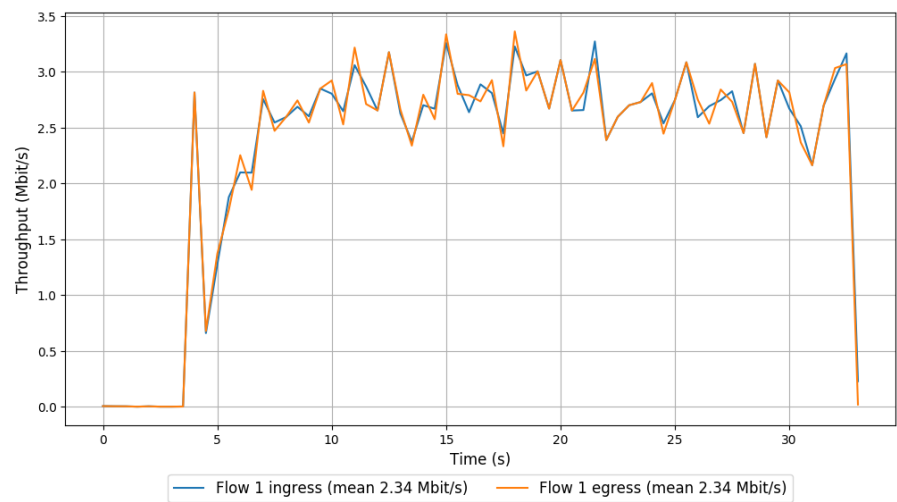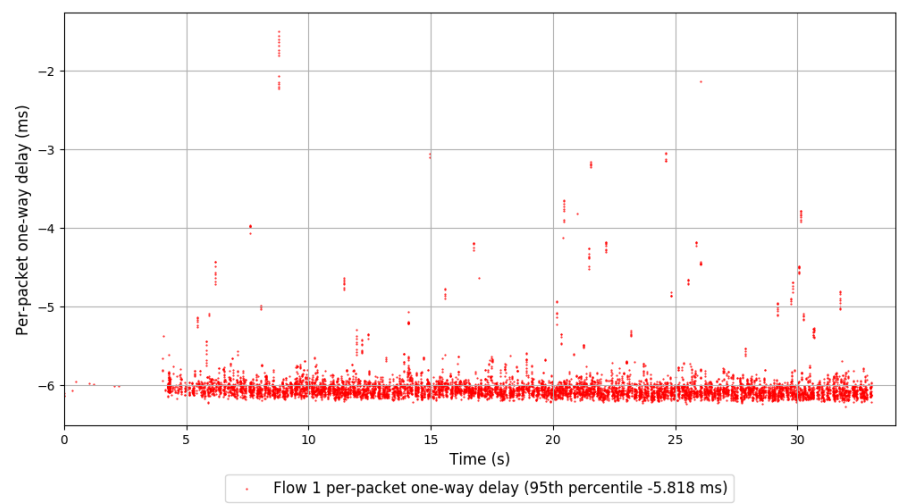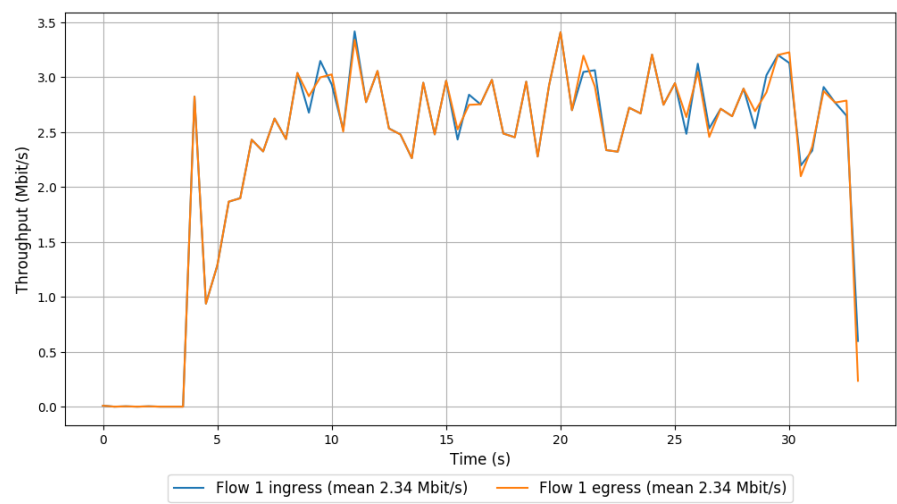
Run 7: Report of WebRTC media — Data Link



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 -5.818 ms)

```
Run 8: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 23:06:06 +0000
End at: Fri, 23 Jun 2017 23:06:36 +0000
Local clock offset: 4.413 ms
Remote clock offset: -2.527 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:48:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: -5.594 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: -5.594 ms
Loss rate: 0.18%
```
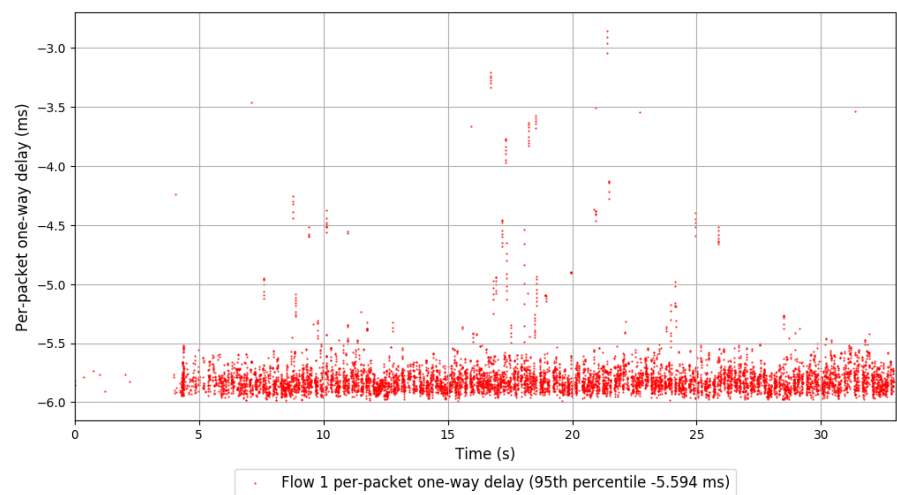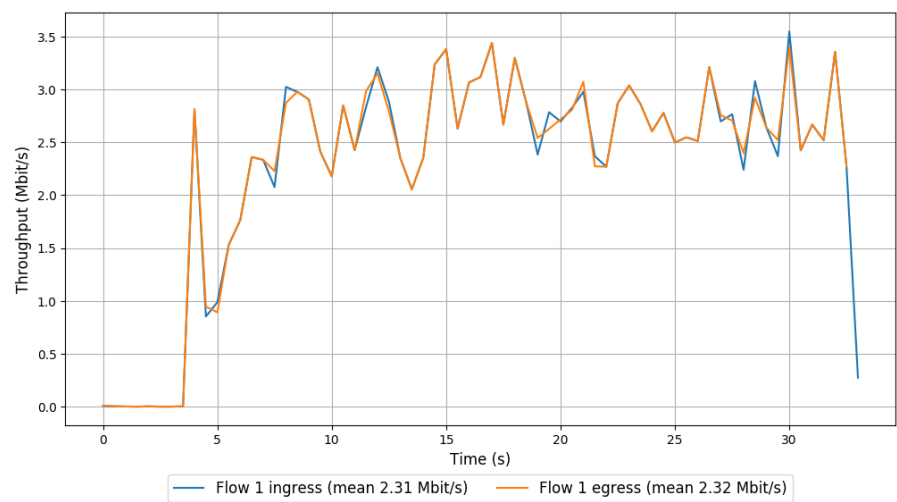
Run 8: Report of WebRTC media — Data Link



Flow 1 ingress (mean 2.31 Mbit/s) — Flow 1 egress (mean 2.32 Mbit/s)



· Flow 1 per-packet one-way delay (95th percentile -5.594 ms)

```
Run 9: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 23:25:44 +0000
End at: Fri, 23 Jun 2017 23:26:14 +0000
Local clock offset: 3.681 ms
Remote clock offset: -2.348 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:48:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.12 Mbit/s
95th percentile per-packet one-way delay: -4.552 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.12 Mbit/s
95th percentile per-packet one-way delay: -4.552 ms
Loss rate: 0.00%
```
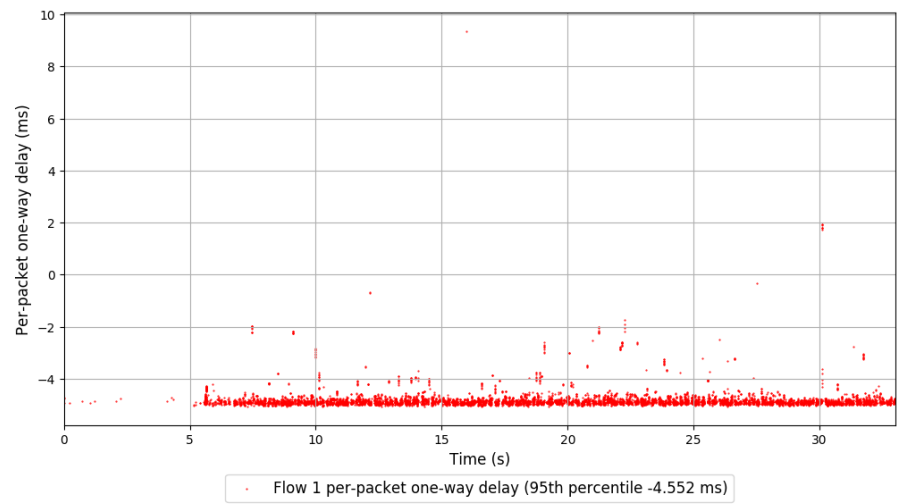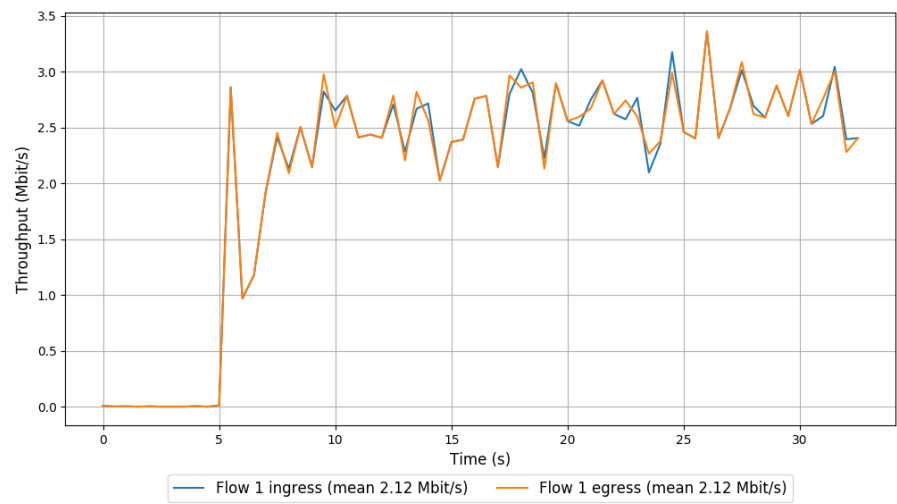
Run 9: Report of WebRTC media — Data Link



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



Flow 1 per-packet one-way delay (95th percentile -4.552 ms)

```
Run 10: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 23:45:16 +0000
End at: Fri, 23 Jun 2017 23:45:46 +0000
Local clock offset: 2.982 ms
Remote clock offset: -2.489 ms


# Below is generated by plot.py at Sat, 24 Jun 2017 02:48:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -4.051 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -4.051 ms
Loss rate: 0.18%
```

Run 10: Report of WebRTC media — Data Link



Flow 1 ingress (mean 2.35 Mbit/s) —— Flow 1 egress (mean 2.34 Mbit/s)



Flow 1 per-packet one-way delay (95th percentile -4.051 ms)