

Pantheon Summary (Generated at Tue, 04 Jul 2017 08:42:20 +0000 with
pantheon version 55ce618ef3153403f57ca06ffe894ed6887bd36f)

Repeated the test of 15 congestion control schemes 10 times.

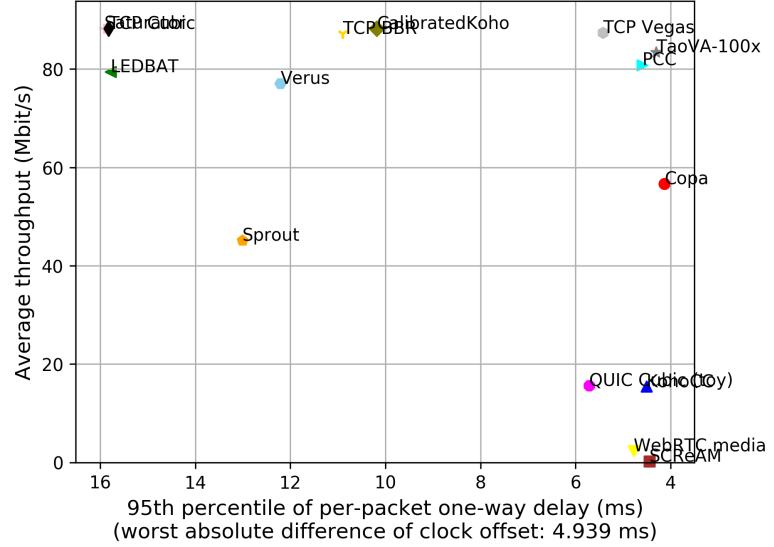
Each test lasted for 30 seconds running 1 flow.

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

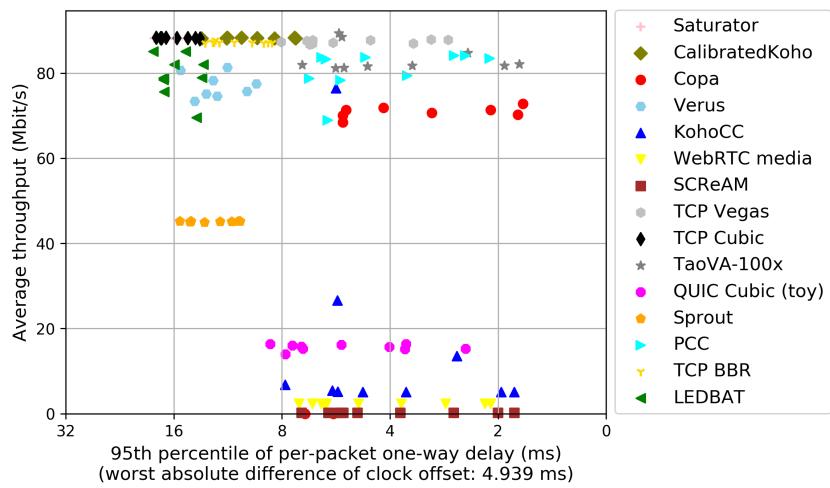
NTP offset measured against gps.ntp.br.

```
git branch: master @ 55ce618ef3153403f57ca06ffe894ed6887bd36f
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 @ c792f8e8e0704b1646a0e024766675d8e9a835f1
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 @ 6f2efef6e088d91066a9f023df375eee2665089ce
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
```

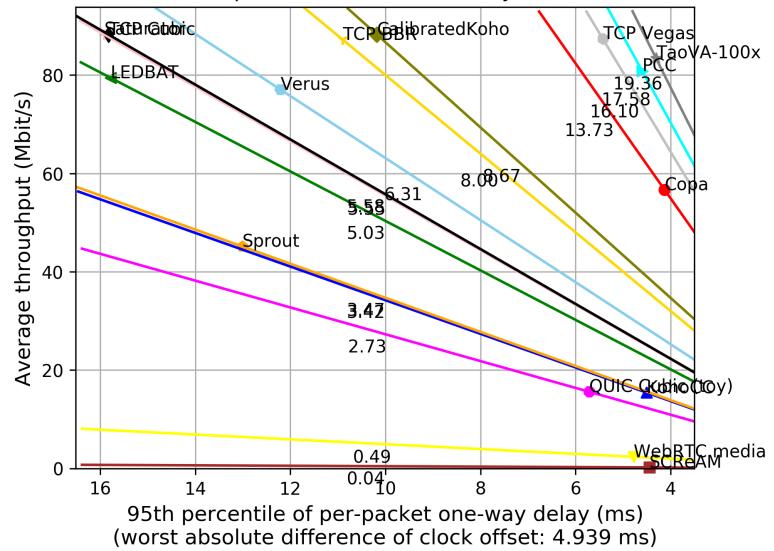
test from Brazil Ethernet to AWS Brazil 1 Ethernet, 10 runs of 30s each per scheme
mean of all runs by scheme



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



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

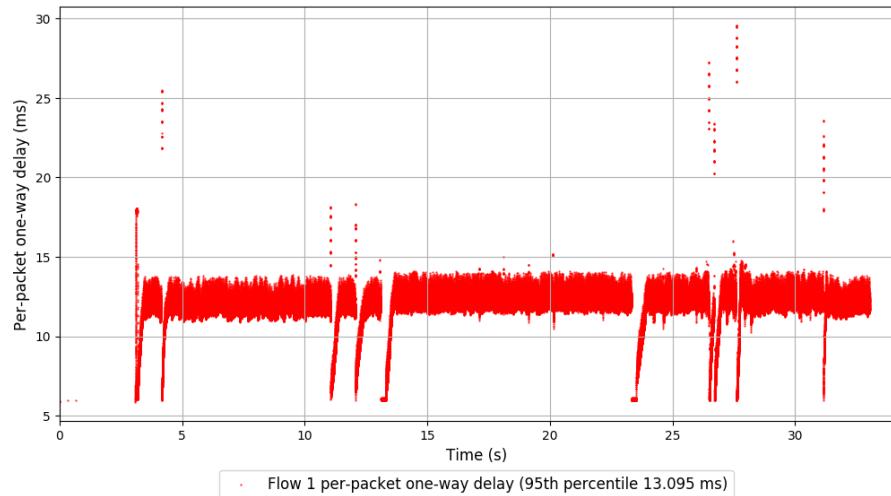
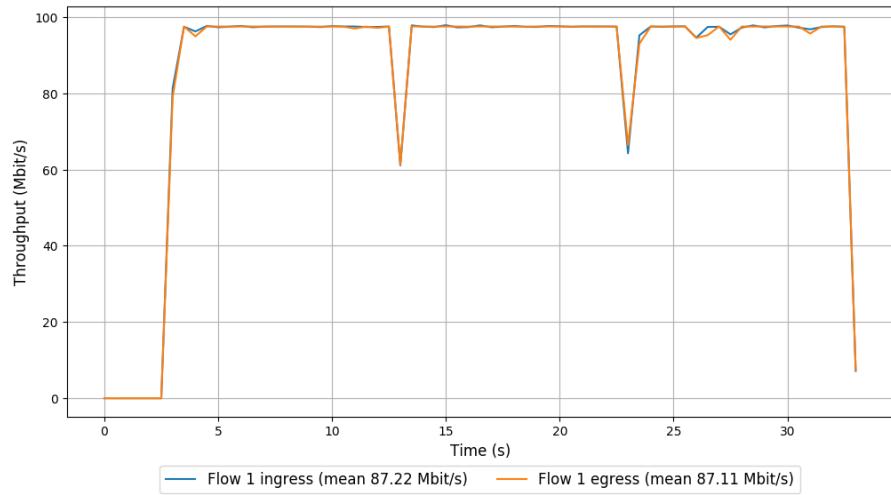


Run 1: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 04:37:16 +0000
End at: Tue, 04 Jul 2017 04:37:46 +0000
Local clock offset: -4.023 ms
Remote clock offset: -0.011 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:29:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.11 Mbit/s
95th percentile per-packet one-way delay: 13.095 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 87.11 Mbit/s
95th percentile per-packet one-way delay: 13.095 ms
Loss rate: 0.14%
```

Run 1: Report of TCP BBR — Data Link

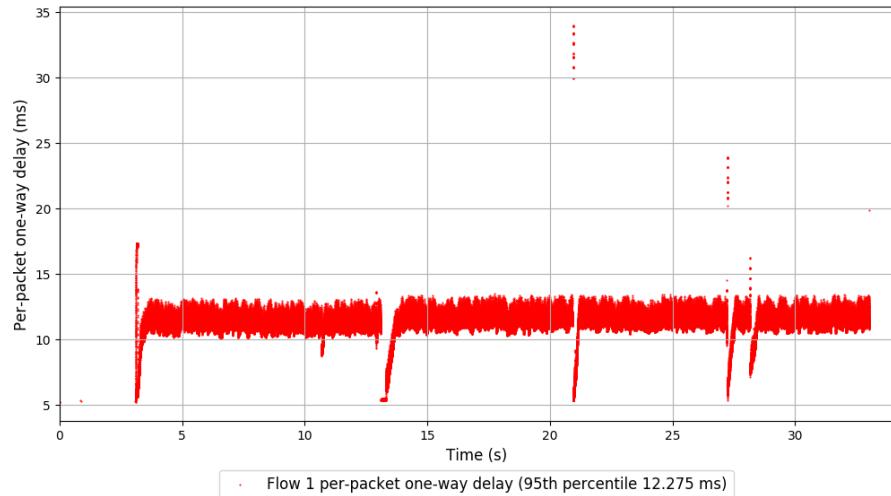
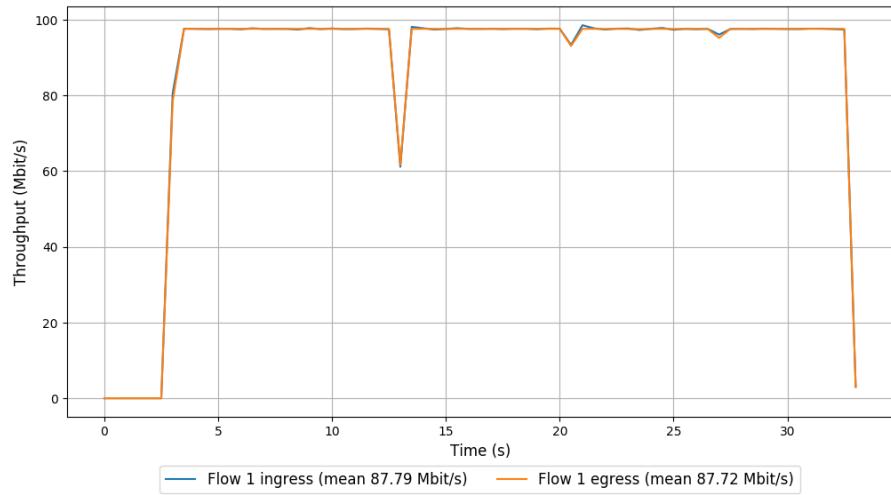


Run 2: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 04:54:16 +0000
End at: Tue, 04 Jul 2017 04:54:46 +0000
Local clock offset: -3.026 ms
Remote clock offset: 0.109 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:29:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.72 Mbit/s
95th percentile per-packet one-way delay: 12.275 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 87.72 Mbit/s
95th percentile per-packet one-way delay: 12.275 ms
Loss rate: 0.07%
```

Run 2: Report of TCP BBR — Data Link

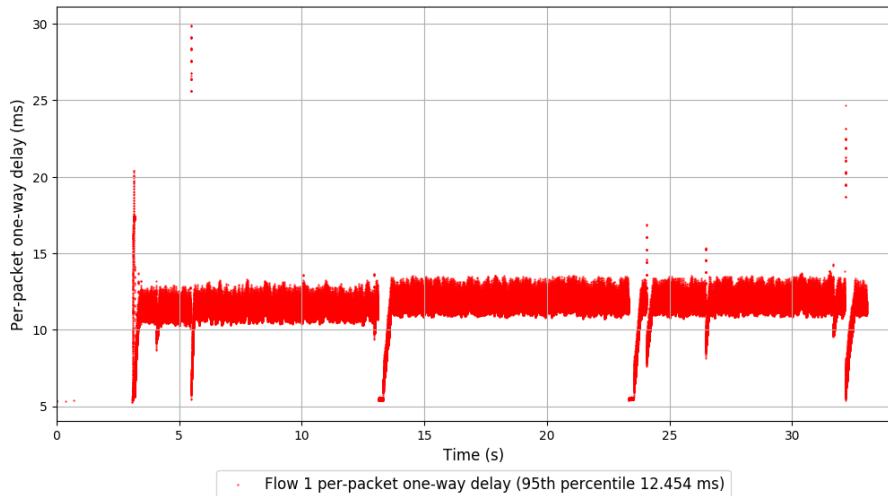
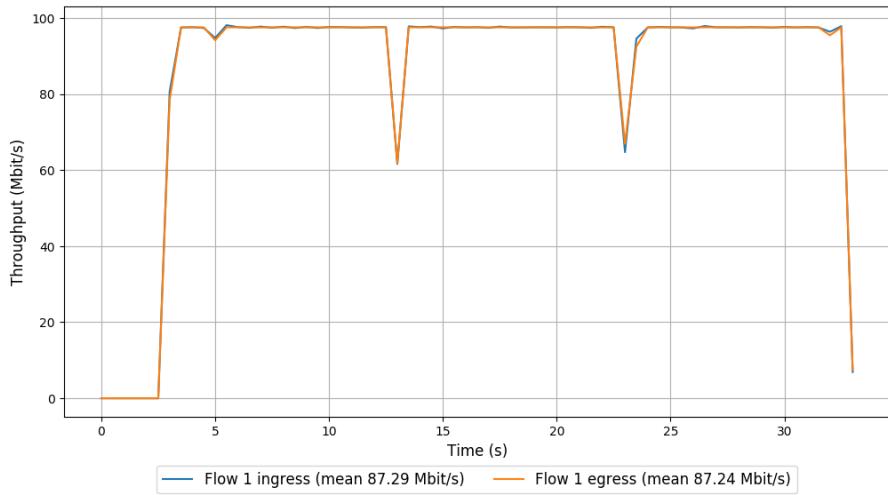


Run 3: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 05:11:12 +0000
End at: Tue, 04 Jul 2017 05:11:42 +0000
Local clock offset: -2.729 ms
Remote clock offset: 0.589 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:29:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.24 Mbit/s
95th percentile per-packet one-way delay: 12.454 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 87.24 Mbit/s
95th percentile per-packet one-way delay: 12.454 ms
Loss rate: 0.07%
```

Run 3: Report of TCP BBR — Data Link

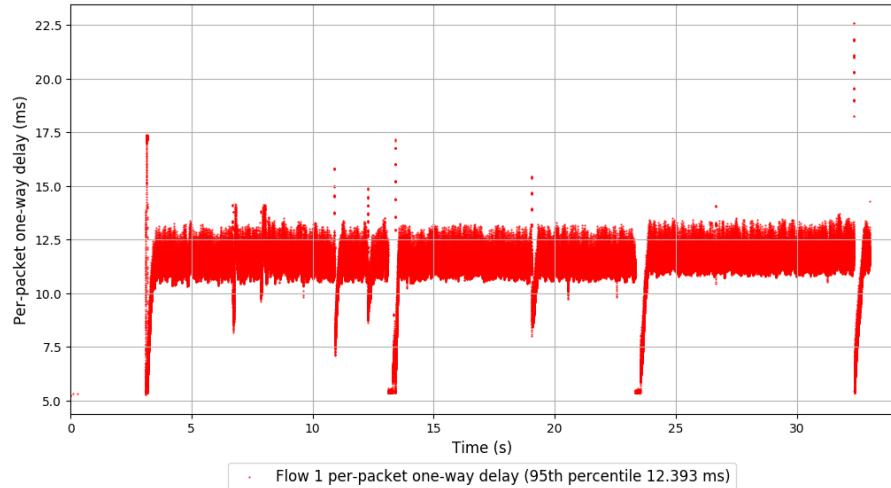
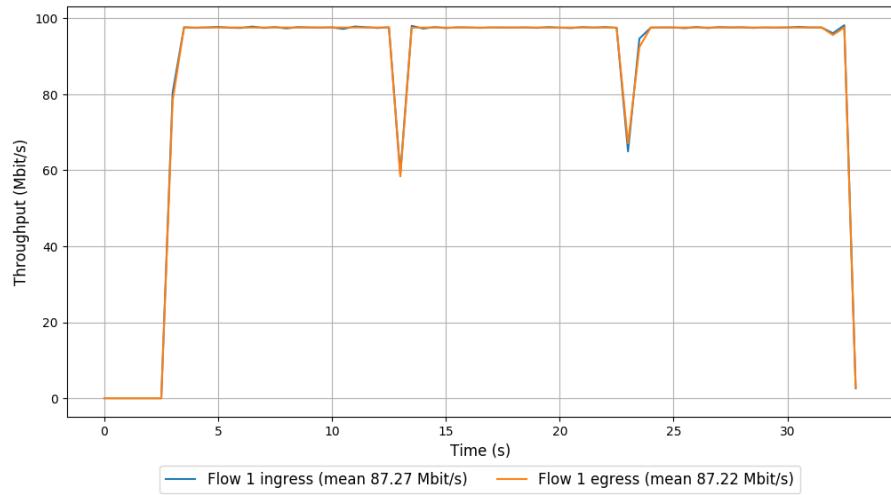


Run 4: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 05:28:10 +0000
End at: Tue, 04 Jul 2017 05:28:40 +0000
Local clock offset: -2.463 ms
Remote clock offset: 0.838 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:29:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.22 Mbit/s
95th percentile per-packet one-way delay: 12.393 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 87.22 Mbit/s
95th percentile per-packet one-way delay: 12.393 ms
Loss rate: 0.07%
```

Run 4: Report of TCP BBR — Data Link

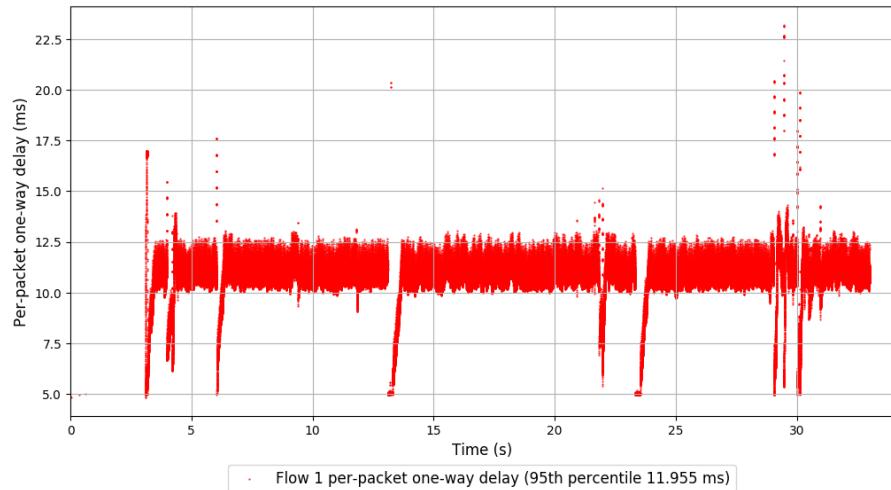
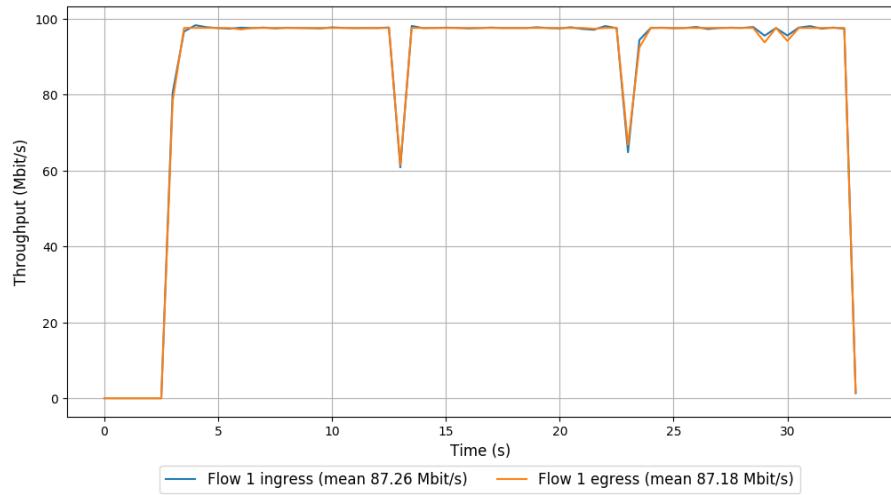


Run 5: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 05:45:12 +0000
End at: Tue, 04 Jul 2017 05:45:42 +0000
Local clock offset: -1.784 ms
Remote clock offset: 1.083 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:29:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.18 Mbit/s
95th percentile per-packet one-way delay: 11.955 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 87.18 Mbit/s
95th percentile per-packet one-way delay: 11.955 ms
Loss rate: 0.11%
```

Run 5: Report of TCP BBR — Data Link

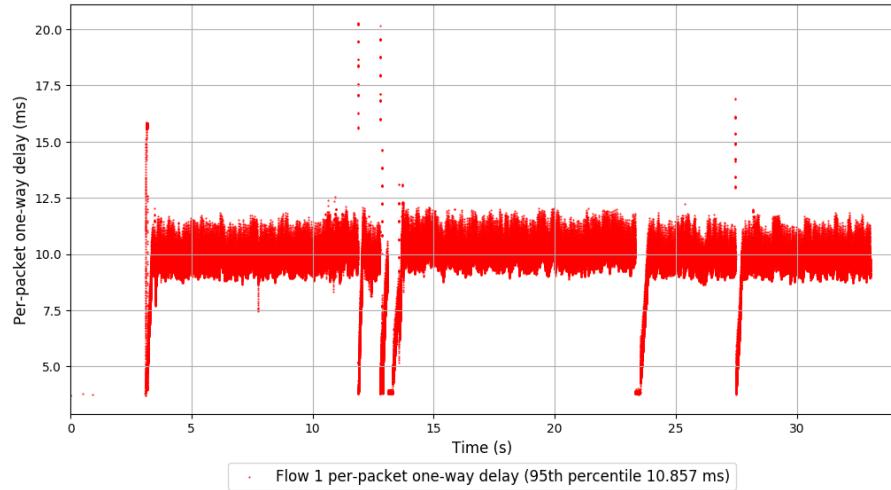
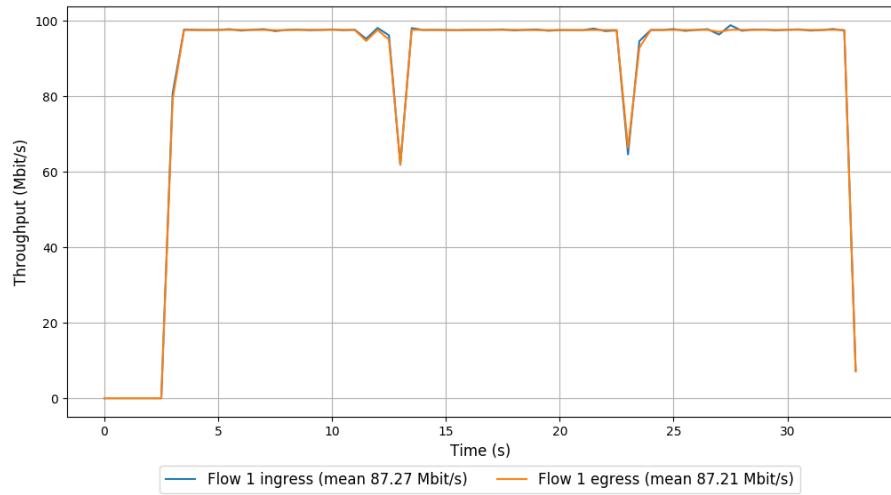


Run 6: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 06:02:12 +0000
End at: Tue, 04 Jul 2017 06:02:42 +0000
Local clock offset: -0.639 ms
Remote clock offset: 1.082 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:29:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.21 Mbit/s
95th percentile per-packet one-way delay: 10.857 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 87.21 Mbit/s
95th percentile per-packet one-way delay: 10.857 ms
Loss rate: 0.09%
```

Run 6: Report of TCP BBR — Data Link

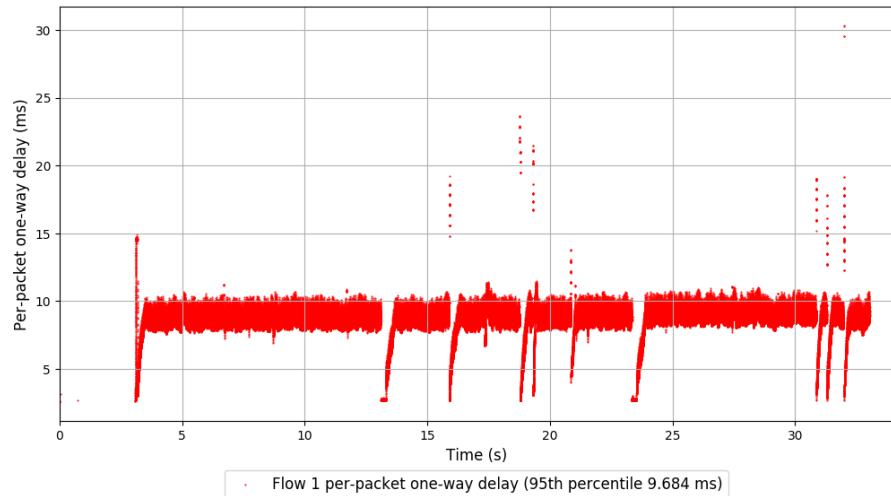
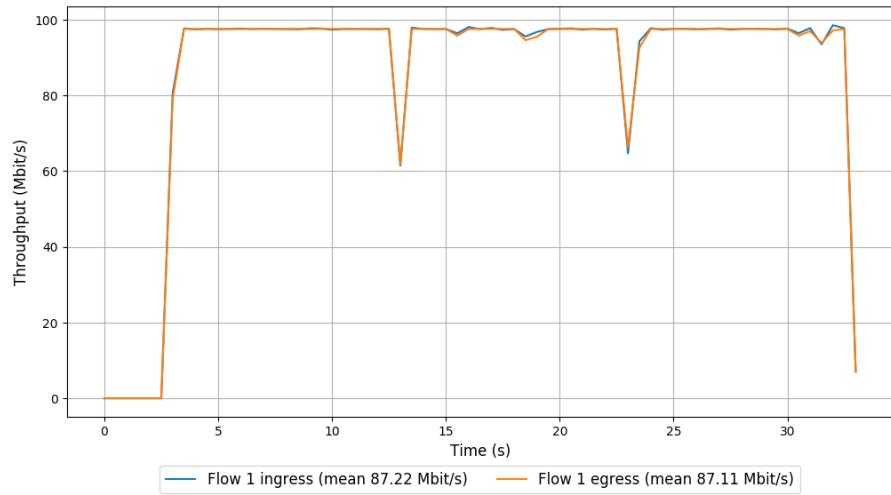


Run 7: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 06:19:13 +0000
End at: Tue, 04 Jul 2017 06:19:43 +0000
Local clock offset: 0.304 ms
Remote clock offset: 1.048 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:29:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.11 Mbit/s
95th percentile per-packet one-way delay: 9.684 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 87.11 Mbit/s
95th percentile per-packet one-way delay: 9.684 ms
Loss rate: 0.14%
```

Run 7: Report of TCP BBR — Data Link

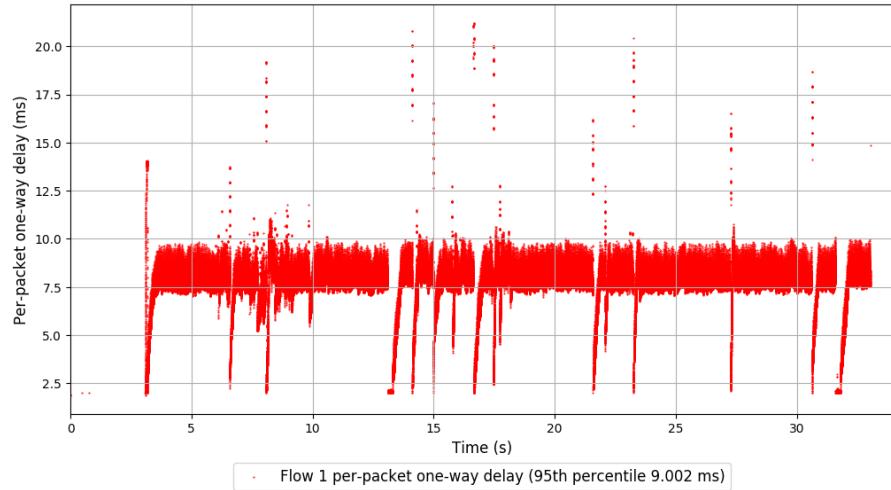
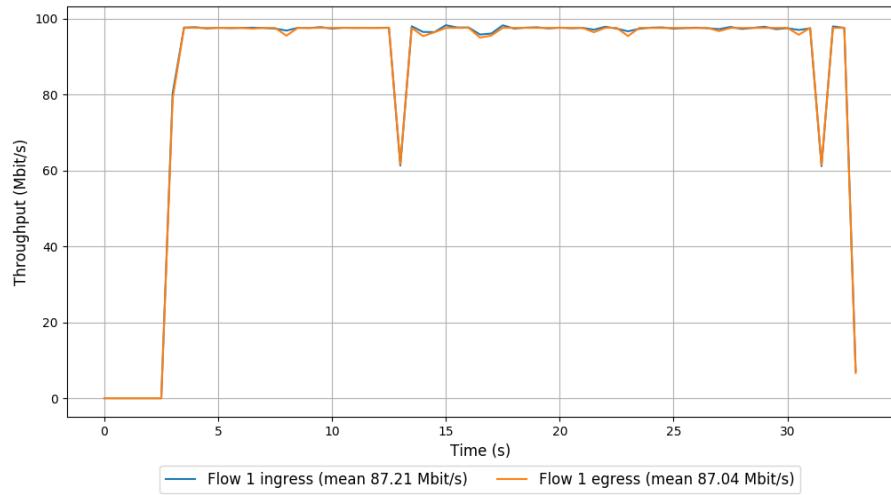


Run 8: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 06:36:13 +0000
End at: Tue, 04 Jul 2017 06:36:43 +0000
Local clock offset: 1.21 ms
Remote clock offset: 1.168 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:29:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.04 Mbit/s
95th percentile per-packet one-way delay: 9.002 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 87.04 Mbit/s
95th percentile per-packet one-way delay: 9.002 ms
Loss rate: 0.19%
```

Run 8: Report of TCP BBR — Data Link

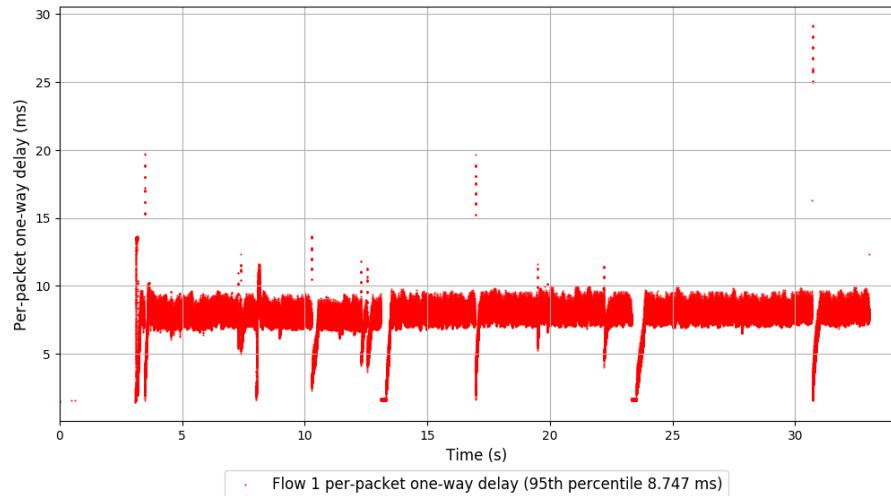
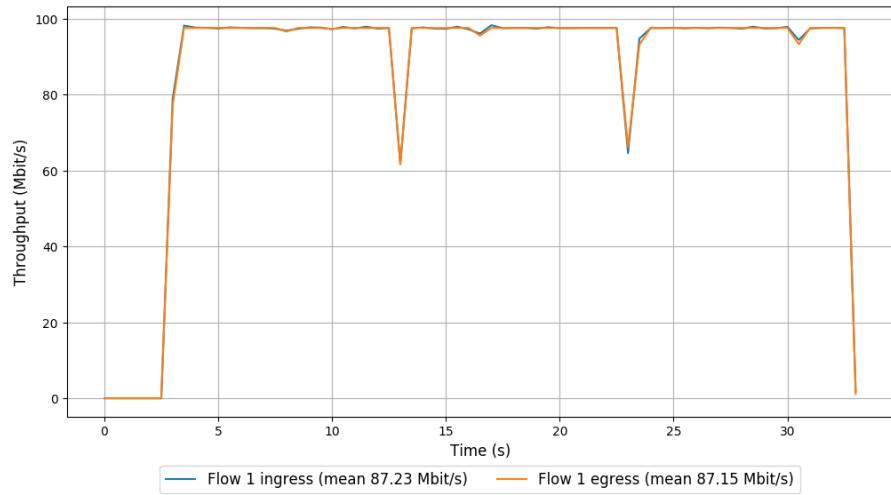


Run 9: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 06:53:13 +0000
End at: Tue, 04 Jul 2017 06:53:43 +0000
Local clock offset: 1.667 ms
Remote clock offset: 1.139 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:30:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.15 Mbit/s
95th percentile per-packet one-way delay: 8.747 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 87.15 Mbit/s
95th percentile per-packet one-way delay: 8.747 ms
Loss rate: 0.10%
```

Run 9: Report of TCP BBR — Data Link

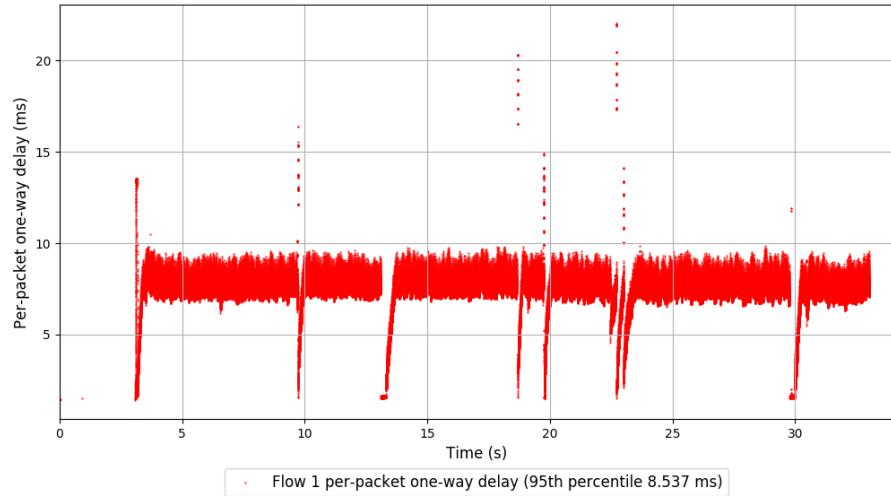
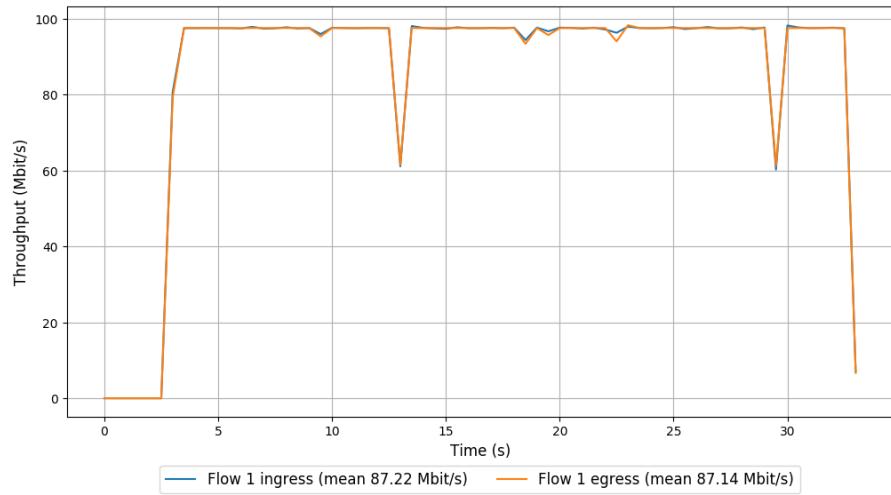


Run 10: Statistics of TCP BBR

```
Start at: Tue, 04 Jul 2017 07:10:13 +0000
End at: Tue, 04 Jul 2017 07:10:43 +0000
Local clock offset: 1.947 ms
Remote clock offset: 1.402 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:30:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.14 Mbit/s
95th percentile per-packet one-way delay: 8.537 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 87.14 Mbit/s
95th percentile per-packet one-way delay: 8.537 ms
Loss rate: 0.11%
```

Run 10: Report of TCP BBR — Data Link

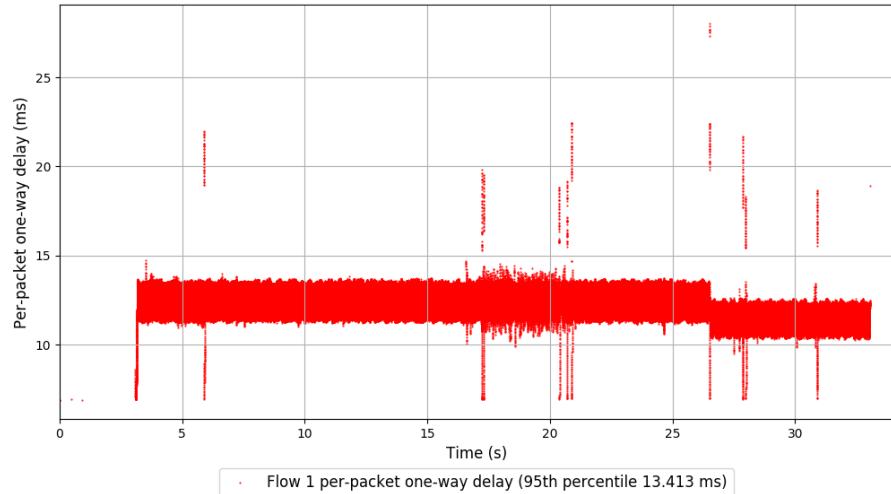
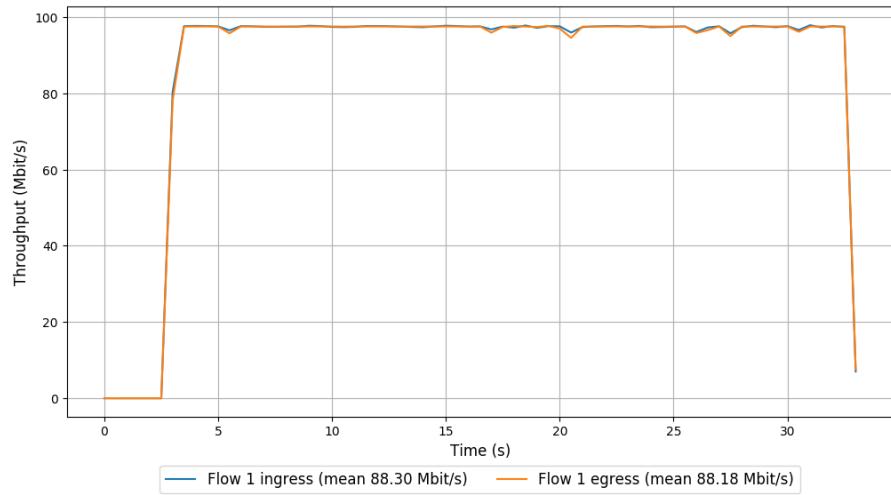


```
Run 1: Statistics of CalibratedKoho
```

```
Start at: Tue, 04 Jul 2017 04:23:46 +0000
End at: Tue, 04 Jul 2017 04:24:16 +0000
Local clock offset: -4.886 ms
Remote clock offset: -0.088 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:30:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.18 Mbit/s
95th percentile per-packet one-way delay: 13.413 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 88.18 Mbit/s
95th percentile per-packet one-way delay: 13.413 ms
Loss rate: 0.13%
```

Run 1: Report of CalibratedKoho — Data Link

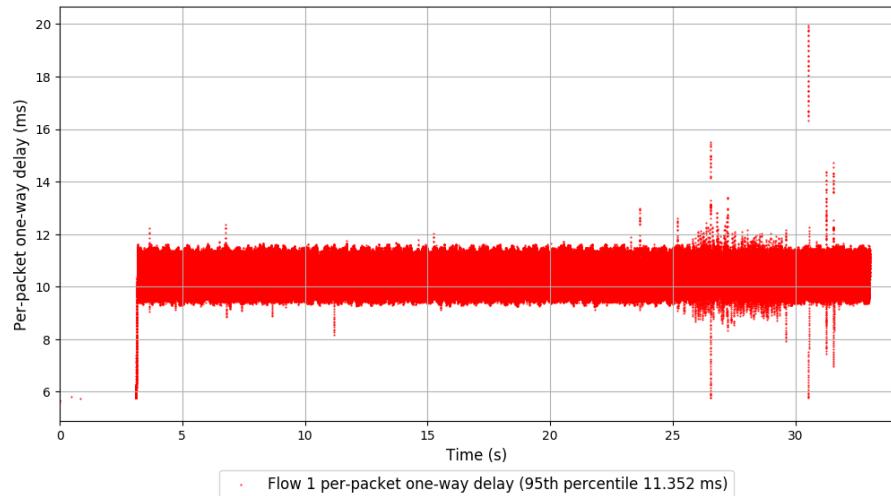
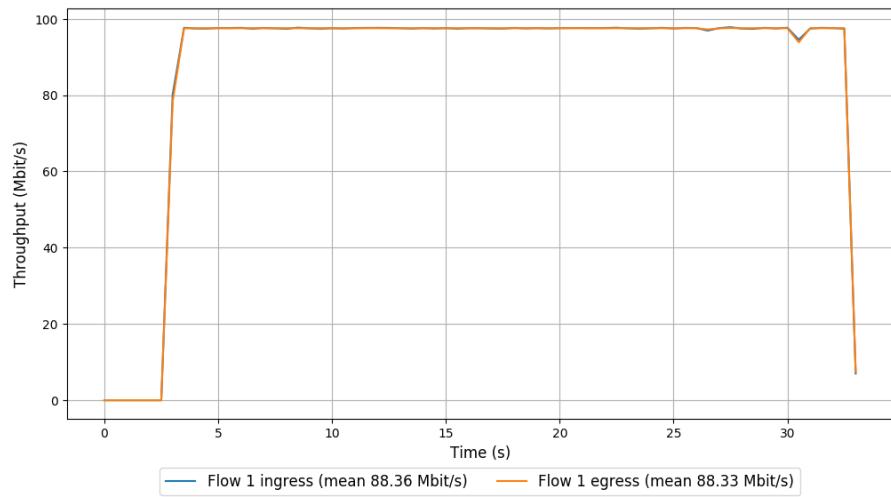


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Tue, 04 Jul 2017 04:40:37 +0000
End at: Tue, 04 Jul 2017 04:41:07 +0000
Local clock offset: -3.669 ms
Remote clock offset: 0.019 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:30:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.33 Mbit/s
95th percentile per-packet one-way delay: 11.352 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 88.33 Mbit/s
95th percentile per-packet one-way delay: 11.352 ms
Loss rate: 0.04%
```

Run 2: Report of CalibratedKoho — Data Link

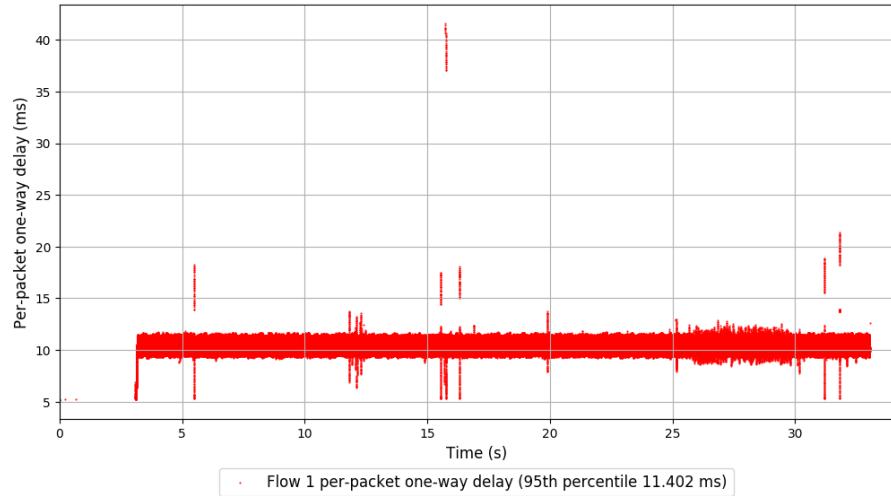
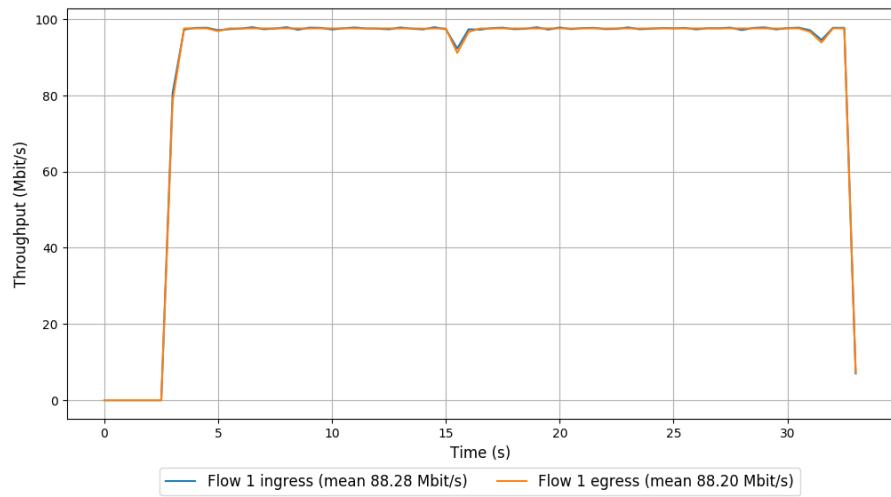


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Tue, 04 Jul 2017 04:57:37 +0000
End at: Tue, 04 Jul 2017 04:58:07 +0000
Local clock offset: -3.002 ms
Remote clock offset: 0.262 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:30:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.20 Mbit/s
95th percentile per-packet one-way delay: 11.402 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 88.20 Mbit/s
95th percentile per-packet one-way delay: 11.402 ms
Loss rate: 0.09%
```

Run 3: Report of CalibratedKoho — Data Link

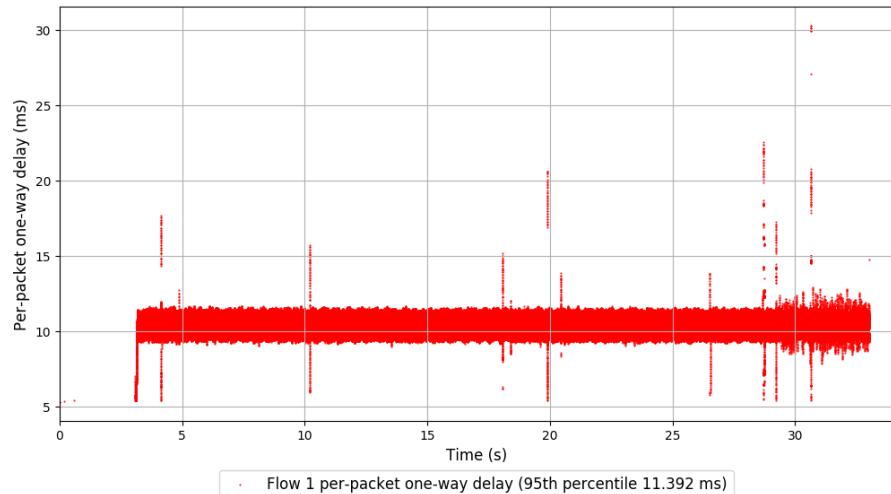
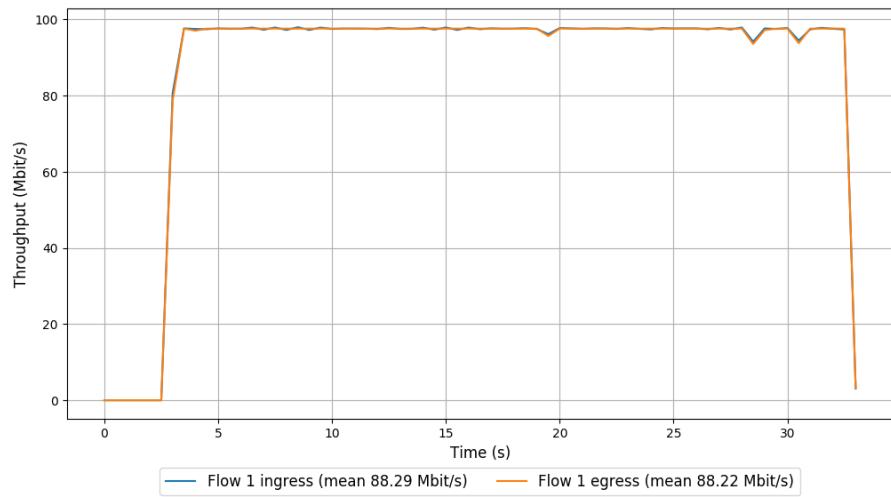


```
Run 4: Statistics of CalibratedKoho
```

```
Start at: Tue, 04 Jul 2017 05:14:34 +0000
End at: Tue, 04 Jul 2017 05:15:04 +0000
Local clock offset: -2.703 ms
Remote clock offset: 0.622 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:30:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.22 Mbit/s
95th percentile per-packet one-way delay: 11.392 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 88.22 Mbit/s
95th percentile per-packet one-way delay: 11.392 ms
Loss rate: 0.08%
```

Run 4: Report of CalibratedKoho — Data Link

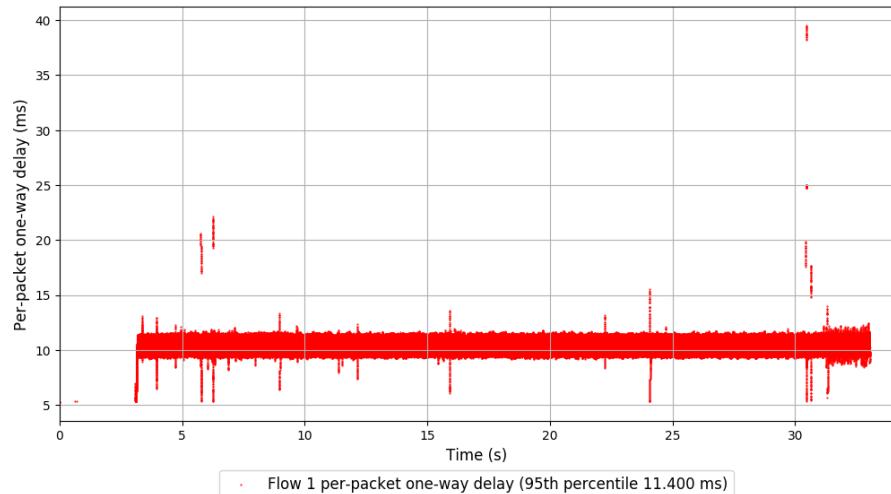
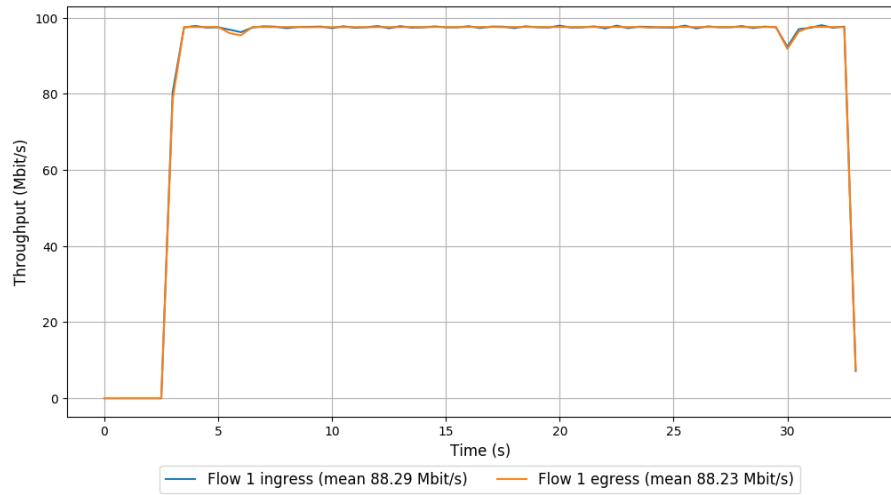


```
Run 5: Statistics of CalibratedKoho
```

```
Start at: Tue, 04 Jul 2017 05:31:32 +0000
End at: Tue, 04 Jul 2017 05:32:02 +0000
Local clock offset: -2.428 ms
Remote clock offset: 0.8 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:30:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.23 Mbit/s
95th percentile per-packet one-way delay: 11.400 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 88.23 Mbit/s
95th percentile per-packet one-way delay: 11.400 ms
Loss rate: 0.08%
```

Run 5: Report of CalibratedKoho — Data Link

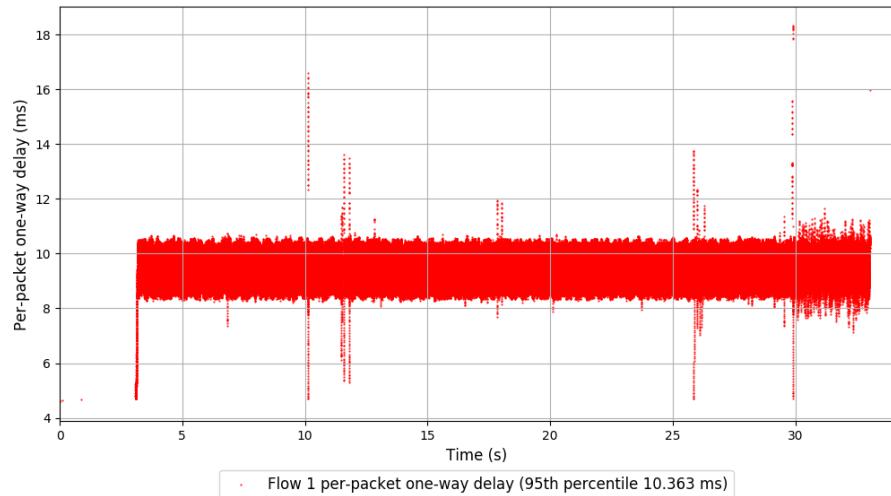
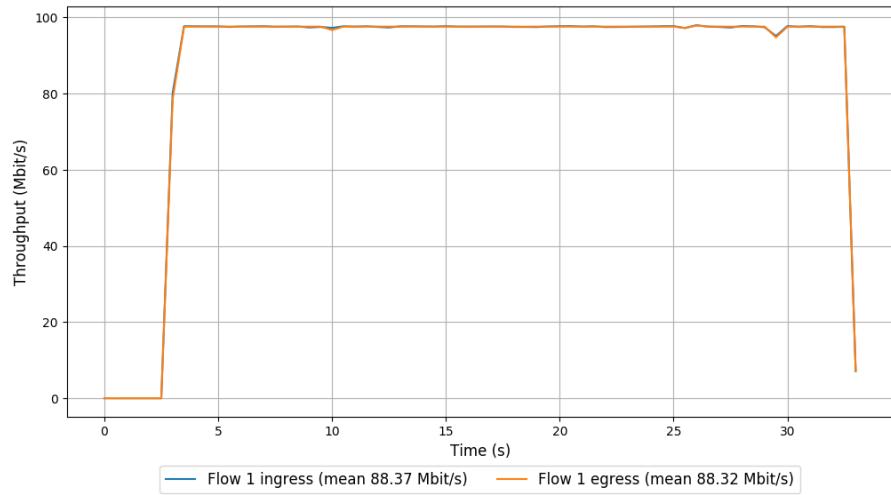


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: Tue, 04 Jul 2017 05:48:33 +0000
End at: Tue, 04 Jul 2017 05:49:03 +0000
Local clock offset: -1.592 ms
Remote clock offset: 1.019 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:30:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.32 Mbit/s
95th percentile per-packet one-way delay: 10.363 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 88.32 Mbit/s
95th percentile per-packet one-way delay: 10.363 ms
Loss rate: 0.04%
```

Run 6: Report of CalibratedKoho — Data Link

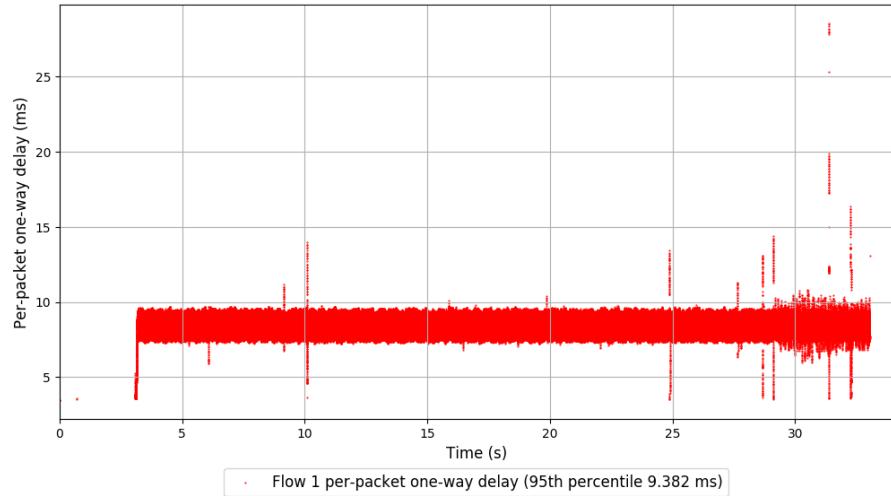
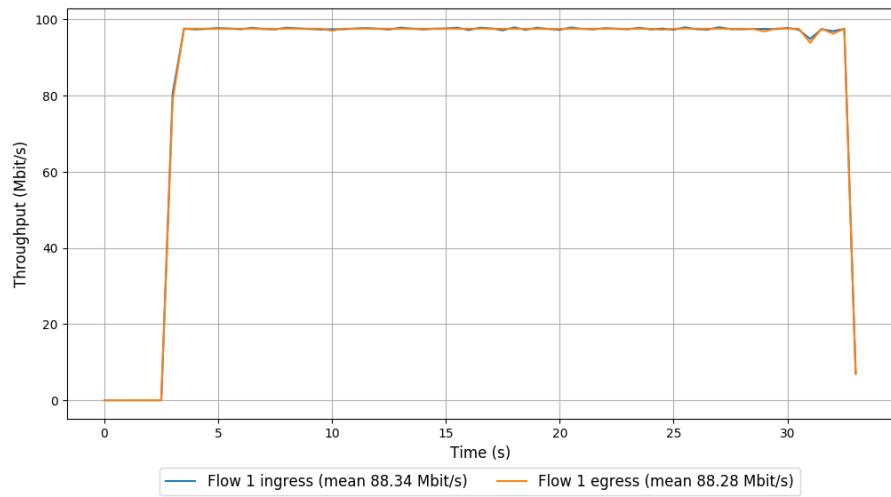


Run 7: Statistics of CalibratedKoho

```
Start at: Tue, 04 Jul 2017 06:05:34 +0000
End at: Tue, 04 Jul 2017 06:06:04 +0000
Local clock offset: -0.512 ms
Remote clock offset: 1.061 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:30:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.28 Mbit/s
95th percentile per-packet one-way delay: 9.382 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 88.28 Mbit/s
95th percentile per-packet one-way delay: 9.382 ms
Loss rate: 0.07%
```

Run 7: Report of CalibratedKoho — Data Link



```
Run 8: Statistics of CalibratedKoho
```

```
Start at: Tue, 04 Jul 2017 06:22:34 +0000
```

```
End at: Tue, 04 Jul 2017 06:23:04 +0000
```

```
Local clock offset: 0.61 ms
```

```
Remote clock offset: 1.03 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 08:30:58 +0000
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average throughput: 88.15 Mbit/s
```

```
95th percentile per-packet one-way delay: 8.387 ms
```

```
Loss rate: 0.10%
```

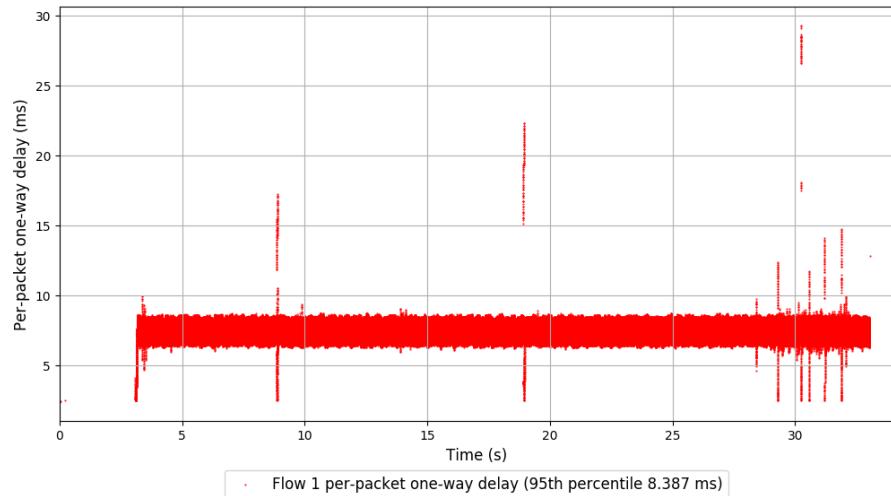
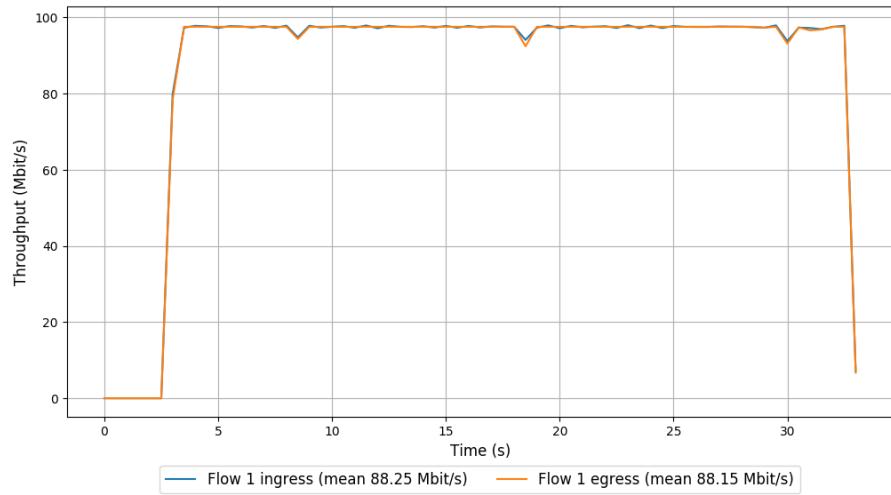
```
-- Flow 1:
```

```
Average throughput: 88.15 Mbit/s
```

```
95th percentile per-packet one-way delay: 8.387 ms
```

```
Loss rate: 0.10%
```

Run 8: Report of CalibratedKoho — Data Link

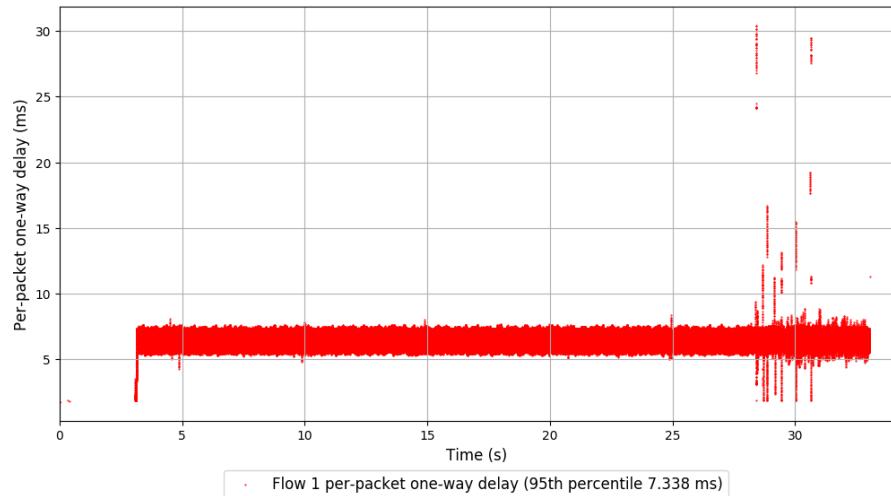
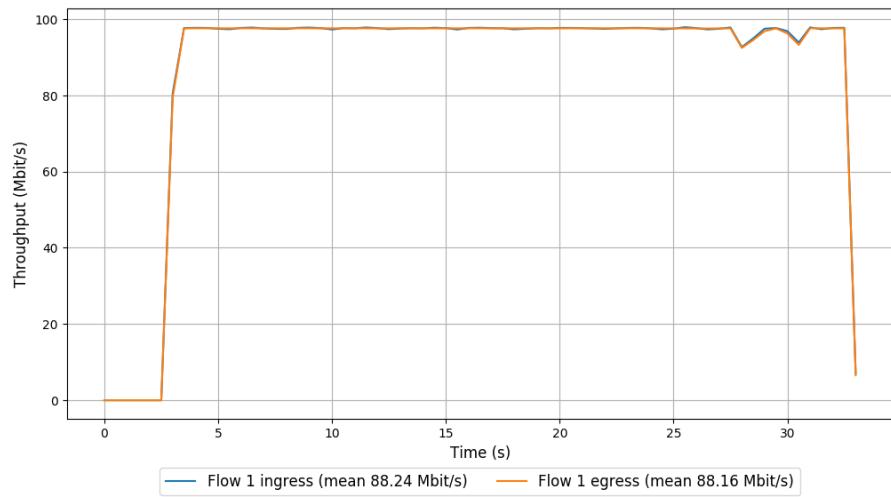


```
Run 9: Statistics of CalibratedKoho
```

```
Start at: Tue, 04 Jul 2017 06:39:34 +0000
End at: Tue, 04 Jul 2017 06:40:04 +0000
Local clock offset: 1.397 ms
Remote clock offset: 1.093 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:31:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.16 Mbit/s
95th percentile per-packet one-way delay: 7.338 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 88.16 Mbit/s
95th percentile per-packet one-way delay: 7.338 ms
Loss rate: 0.08%
```

Run 9: Report of CalibratedKoho — Data Link



```
Run 10: Statistics of CalibratedKoho
```

```
Start at: Tue, 04 Jul 2017 06:56:34 +0000
```

```
End at: Tue, 04 Jul 2017 06:57:04 +0000
```

```
Local clock offset: 1.778 ms
```

```
Remote clock offset: 1.253 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 08:31:12 +0000
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average throughput: 88.35 Mbit/s
```

```
95th percentile per-packet one-way delay: 7.376 ms
```

```
Loss rate: 0.04%
```

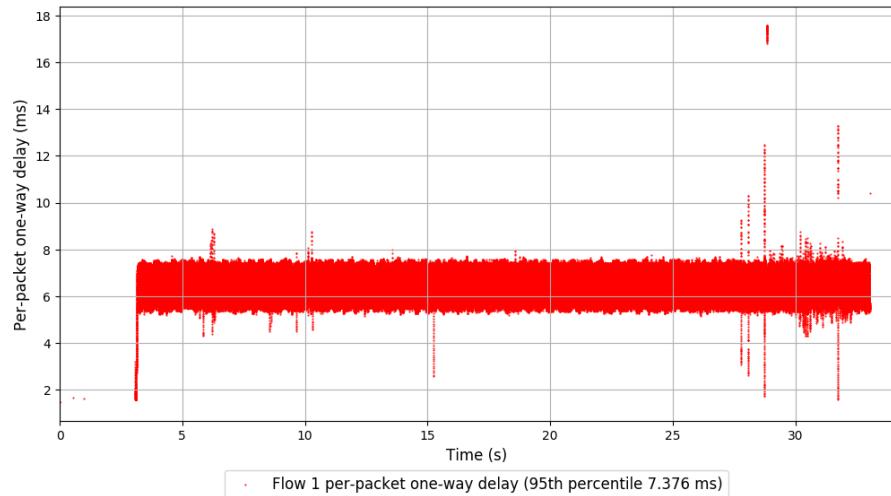
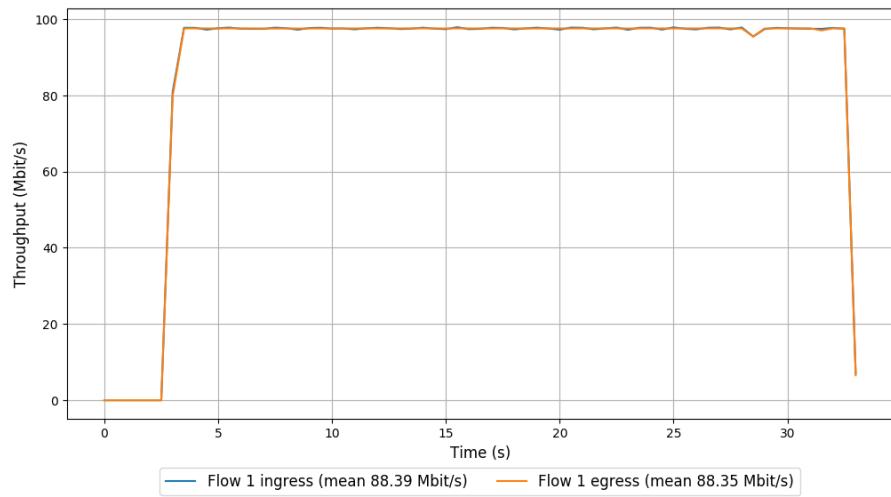
```
-- Flow 1:
```

```
Average throughput: 88.35 Mbit/s
```

```
95th percentile per-packet one-way delay: 7.376 ms
```

```
Loss rate: 0.04%
```

Run 10: Report of CalibratedKoho — Data Link

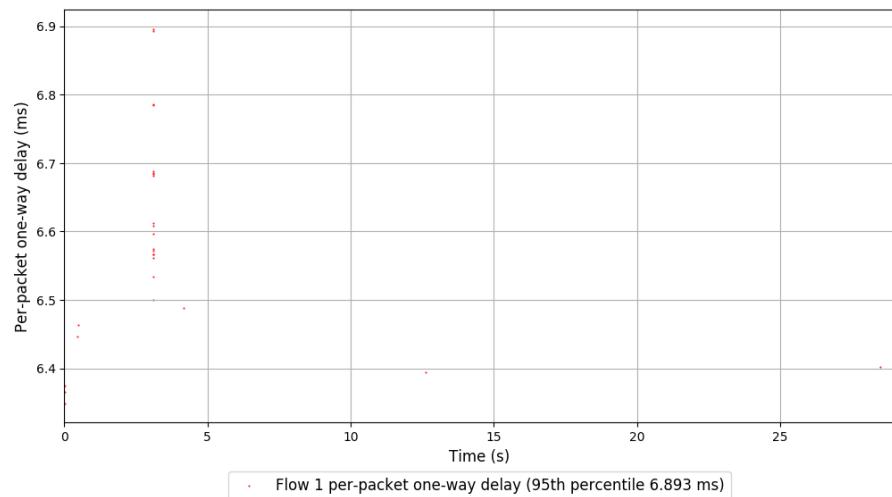
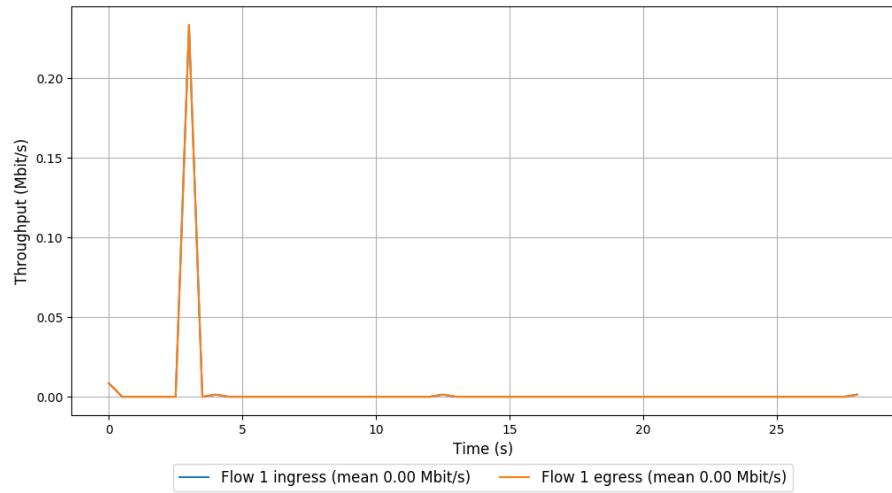


Run 1: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 04:31:41 +0000
End at: Tue, 04 Jul 2017 04:32:11 +0000
Local clock offset: -4.431 ms
Remote clock offset: -0.119 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:31:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 6.893 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 6.893 ms
Loss rate: 0.00%
```

Run 1: Report of Copa — Data Link

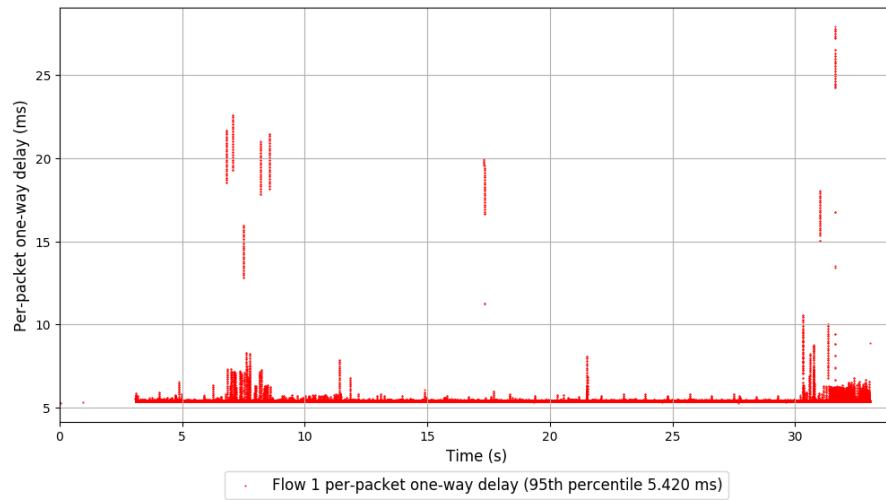
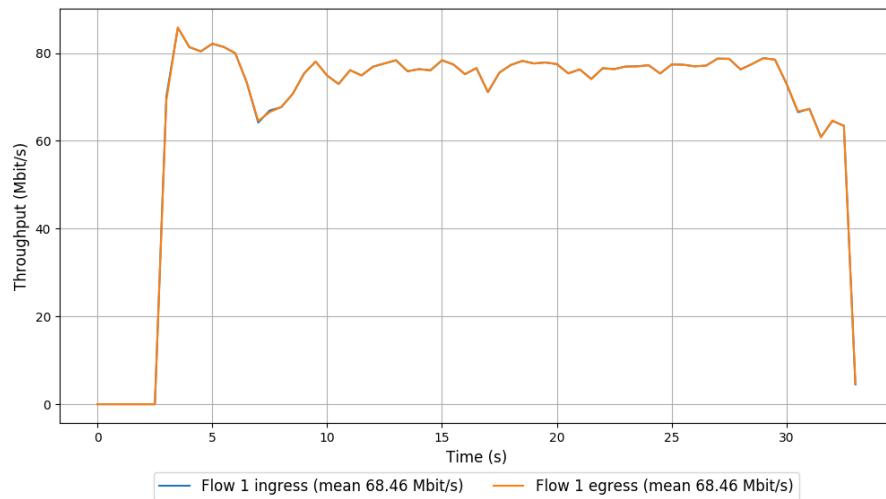


Run 2: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 04:48:32 +0000
End at: Tue, 04 Jul 2017 04:49:02 +0000
Local clock offset: -3.215 ms
Remote clock offset: 0.088 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:31:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.46 Mbit/s
95th percentile per-packet one-way delay: 5.420 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 68.46 Mbit/s
95th percentile per-packet one-way delay: 5.420 ms
Loss rate: 0.01%
```

Run 2: Report of Copa — Data Link

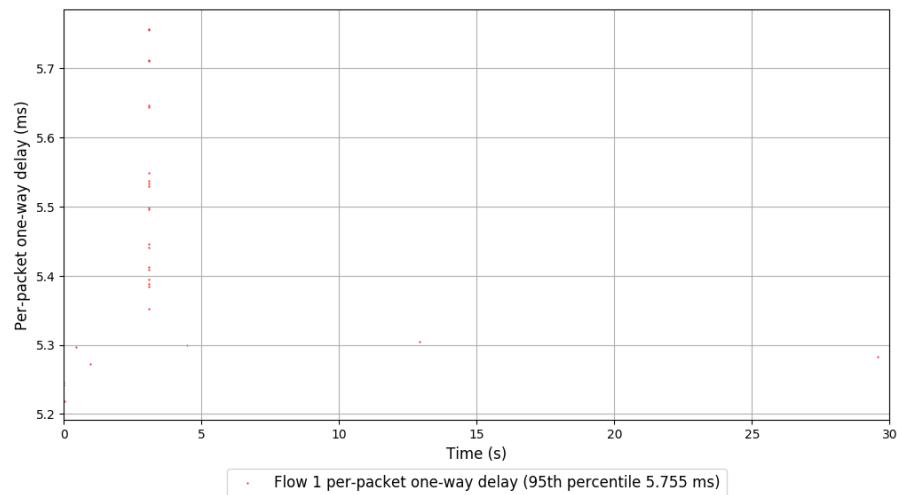
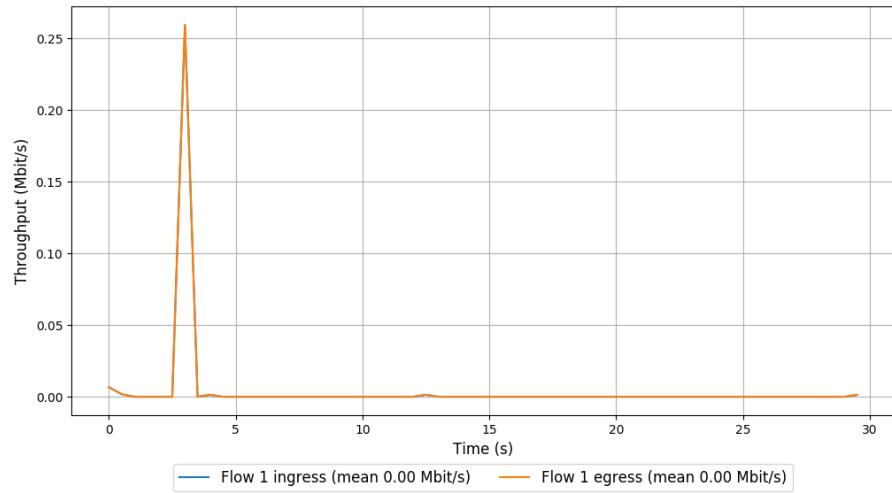


Run 3: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 05:05:37 +0000
End at: Tue, 04 Jul 2017 05:06:07 +0000
Local clock offset: -2.797 ms
Remote clock offset: 0.368 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:31:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 5.755 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 5.755 ms
Loss rate: 0.00%
```

Run 3: Report of Copa — Data Link

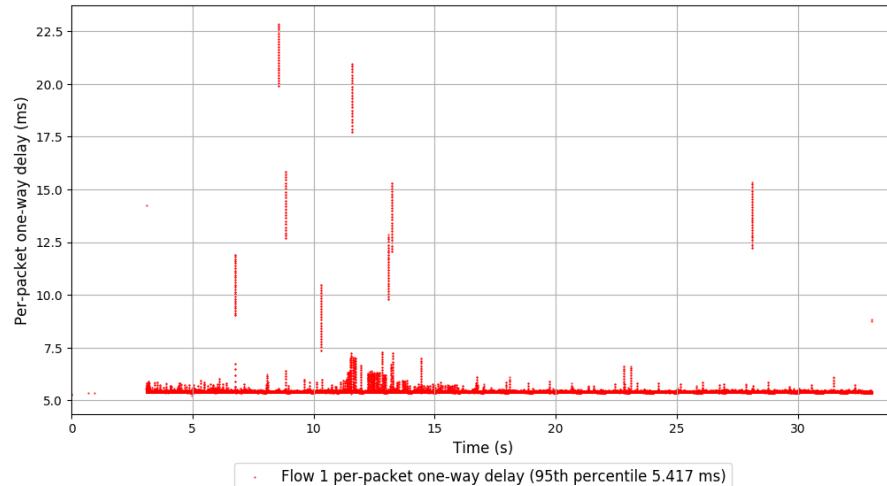
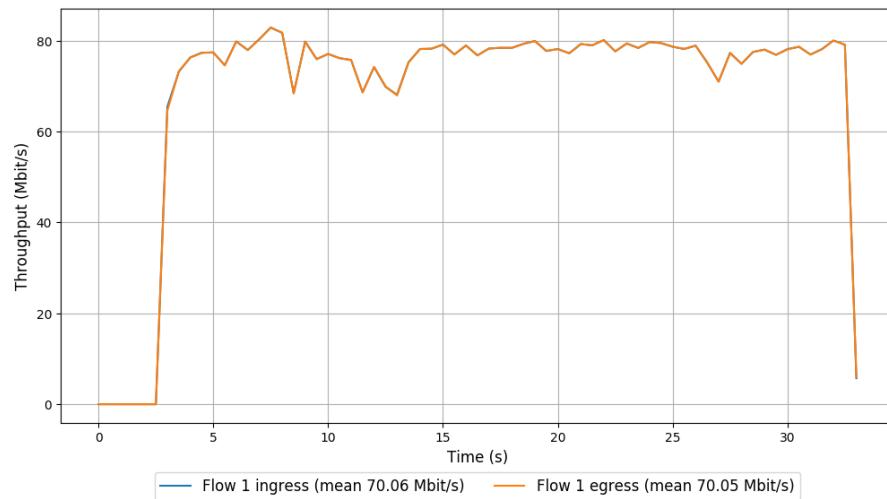


Run 4: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 05:22:27 +0000
End at: Tue, 04 Jul 2017 05:22:57 +0000
Local clock offset: -2.563 ms
Remote clock offset: 0.714 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:31:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.05 Mbit/s
95th percentile per-packet one-way delay: 5.417 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 70.05 Mbit/s
95th percentile per-packet one-way delay: 5.417 ms
Loss rate: 0.01%
```

Run 4: Report of Copa — Data Link

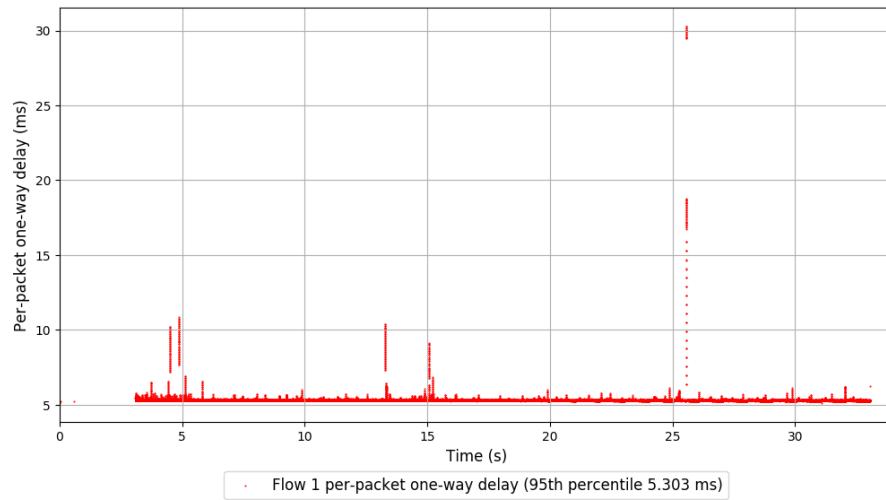
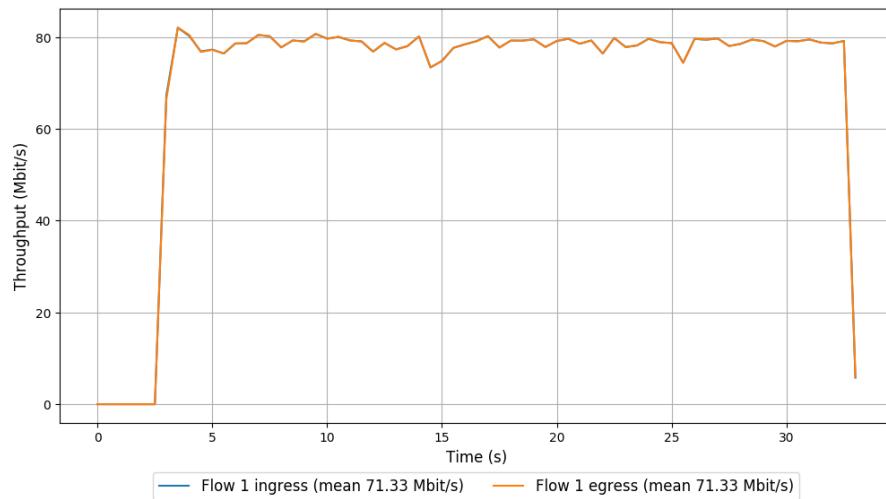


Run 5: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 05:39:28 +0000
End at: Tue, 04 Jul 2017 05:39:58 +0000
Local clock offset: -2.175 ms
Remote clock offset: 0.998 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:31:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.33 Mbit/s
95th percentile per-packet one-way delay: 5.303 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 71.33 Mbit/s
95th percentile per-packet one-way delay: 5.303 ms
Loss rate: 0.01%
```

Run 5: Report of Copa — Data Link

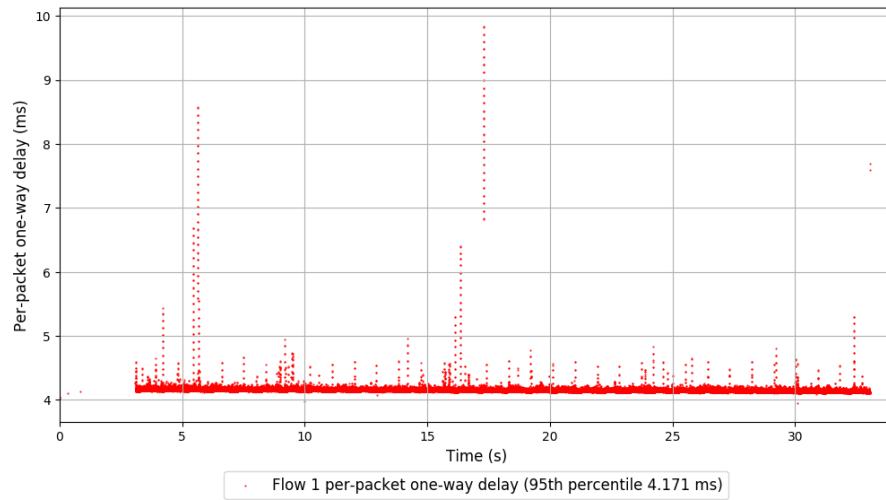
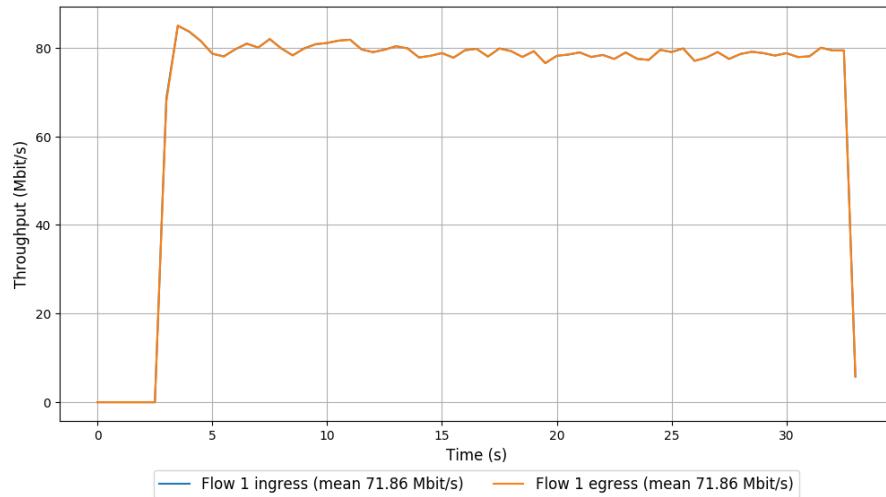


Run 6: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 05:56:28 +0000
End at: Tue, 04 Jul 2017 05:56:58 +0000
Local clock offset: -1.093 ms
Remote clock offset: 1.072 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:31:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.86 Mbit/s
95th percentile per-packet one-way delay: 4.171 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 71.86 Mbit/s
95th percentile per-packet one-way delay: 4.171 ms
Loss rate: 0.01%
```

Run 6: Report of Copa — Data Link

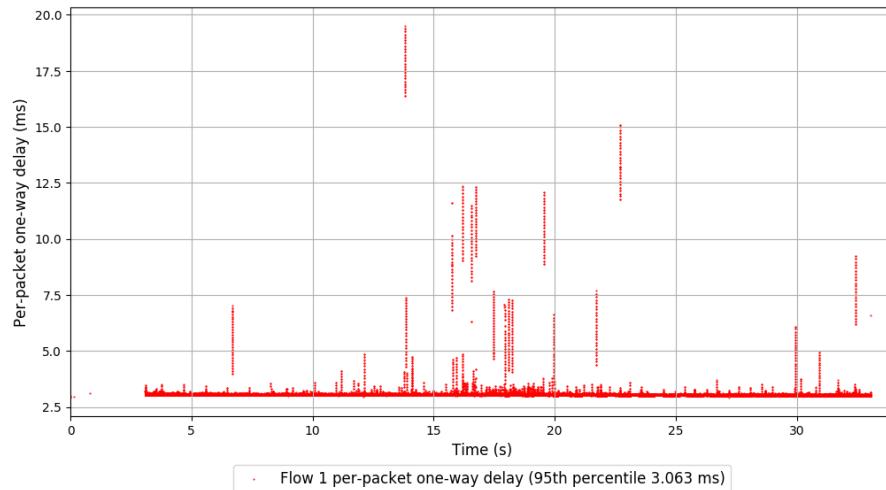
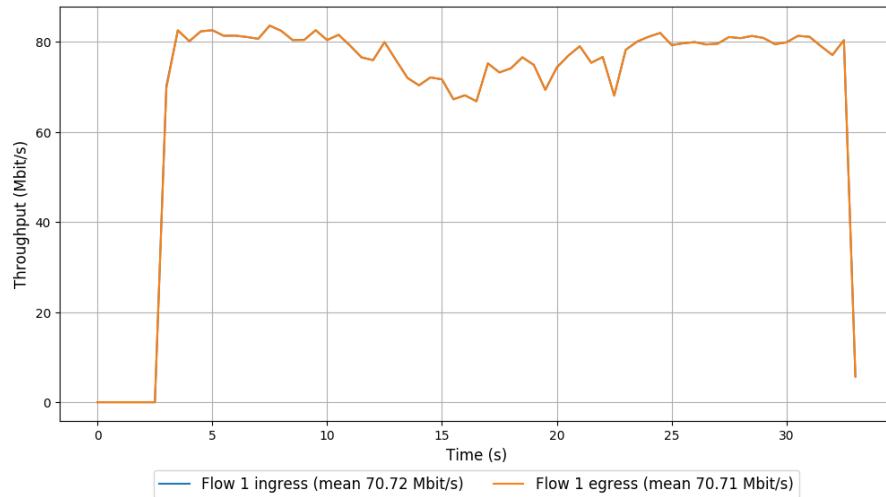


Run 7: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 06:13:29 +0000
End at: Tue, 04 Jul 2017 06:13:59 +0000
Local clock offset: 0.048 ms
Remote clock offset: 1.019 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:32:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.71 Mbit/s
95th percentile per-packet one-way delay: 3.063 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 70.71 Mbit/s
95th percentile per-packet one-way delay: 3.063 ms
Loss rate: 0.01%
```

Run 7: Report of Copa — Data Link

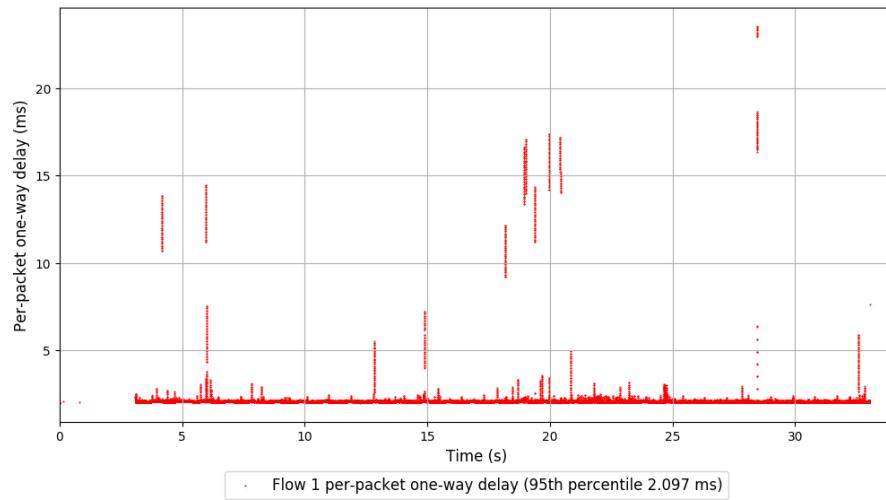
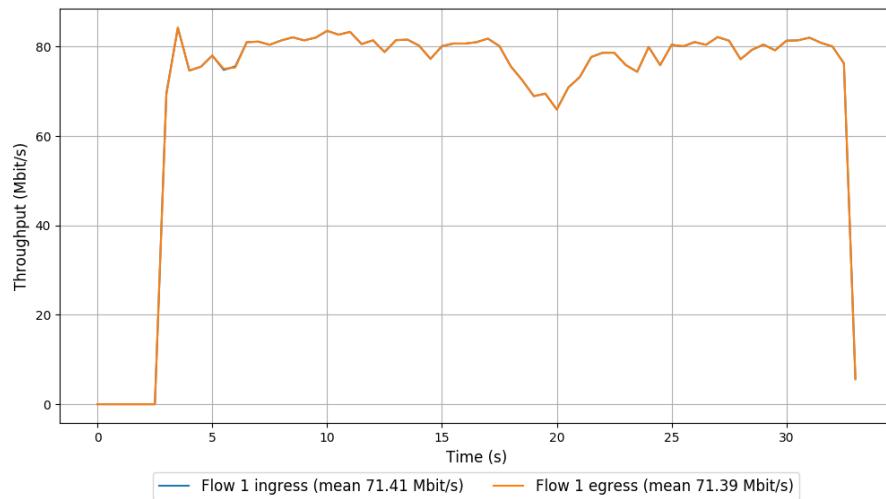


Run 8: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 06:30:28 +0000
End at: Tue, 04 Jul 2017 06:30:58 +0000
Local clock offset: 1.082 ms
Remote clock offset: 1.057 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:32:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.39 Mbit/s
95th percentile per-packet one-way delay: 2.097 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 71.39 Mbit/s
95th percentile per-packet one-way delay: 2.097 ms
Loss rate: 0.01%
```

Run 8: Report of Copa — Data Link

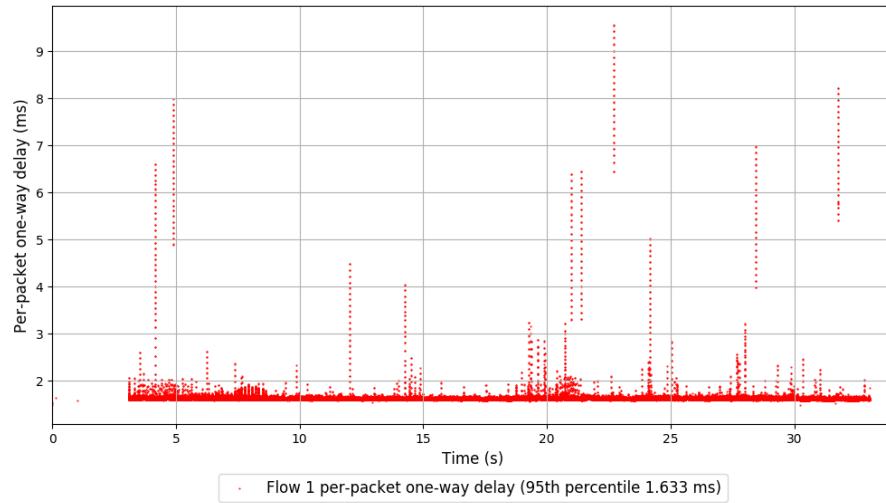
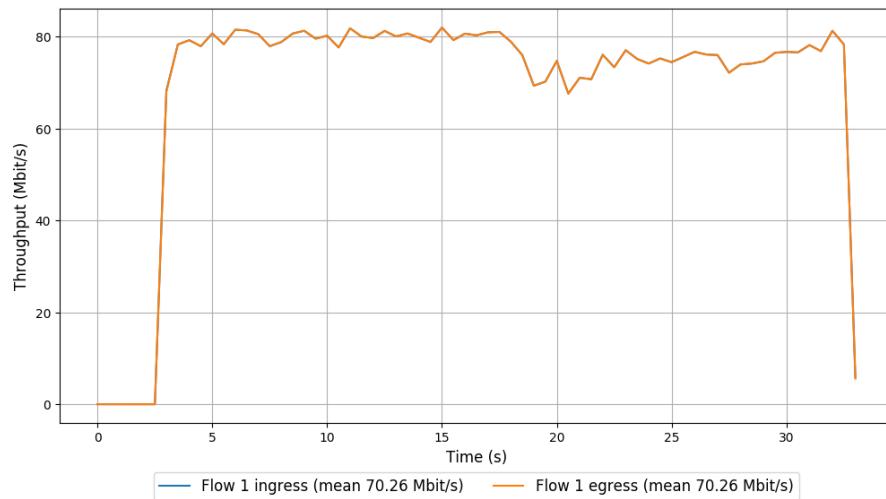


Run 9: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 06:47:29 +0000
End at: Tue, 04 Jul 2017 06:47:59 +0000
Local clock offset: 1.648 ms
Remote clock offset: 1.137 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:32:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.26 Mbit/s
95th percentile per-packet one-way delay: 1.633 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 70.26 Mbit/s
95th percentile per-packet one-way delay: 1.633 ms
Loss rate: 0.01%
```

Run 9: Report of Copa — Data Link

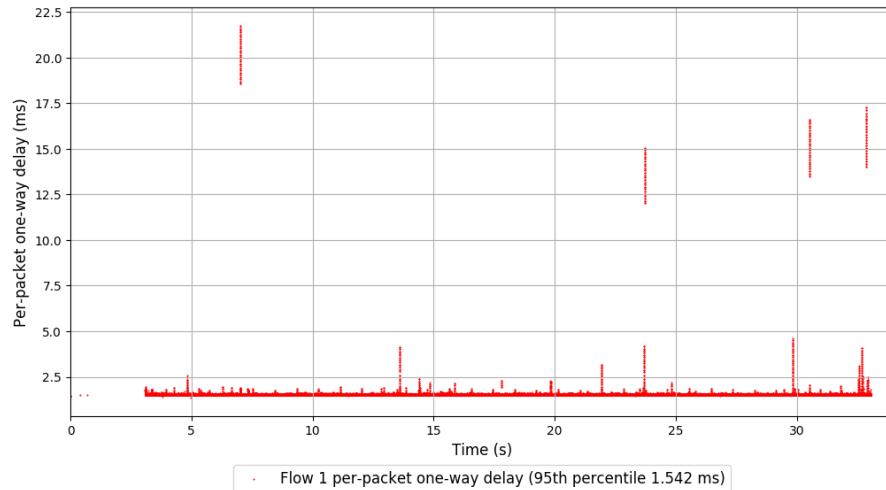
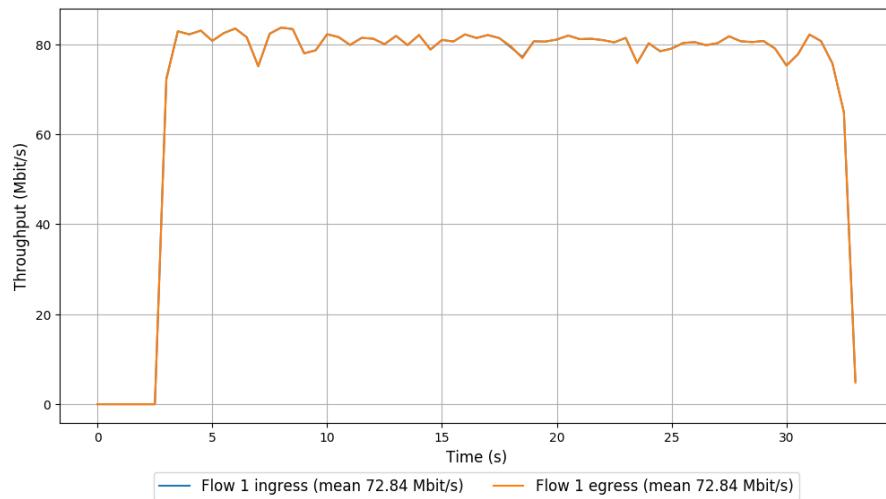


Run 10: Statistics of Copa

```
Start at: Tue, 04 Jul 2017 07:04:29 +0000
End at: Tue, 04 Jul 2017 07:04:59 +0000
Local clock offset: 1.954 ms
Remote clock offset: 1.279 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:32:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.84 Mbit/s
95th percentile per-packet one-way delay: 1.542 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 72.84 Mbit/s
95th percentile per-packet one-way delay: 1.542 ms
Loss rate: 0.01%
```

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Tue, 04 Jul 2017 04:38:25 +0000

End at: Tue, 04 Jul 2017 04:38:55 +0000

Local clock offset: -3.881 ms

Remote clock offset: -0.057 ms

Below is generated by plot.py at Tue, 04 Jul 2017 08:32:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.36 Mbit/s

95th percentile per-packet one-way delay: 17.922 ms

Loss rate: 0.06%

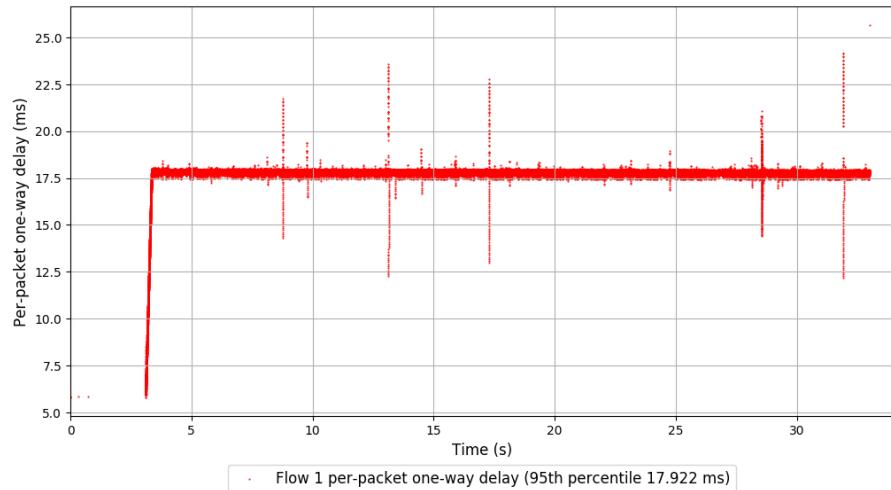
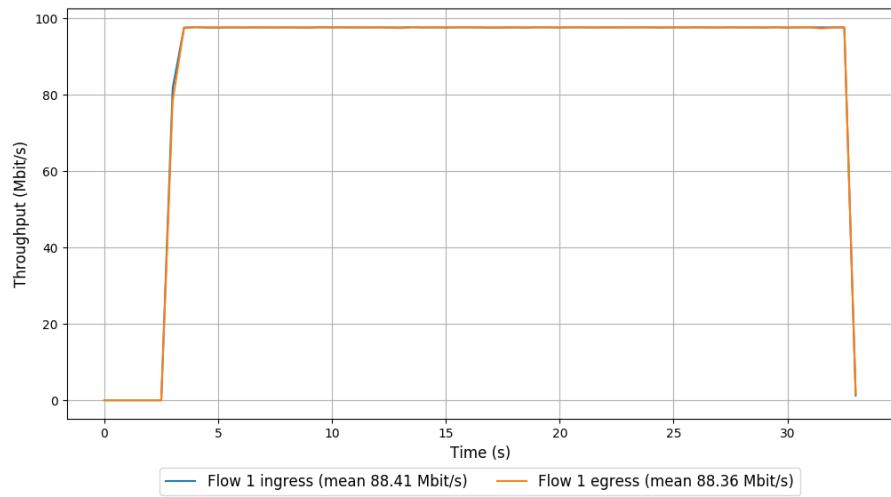
-- Flow 1:

Average throughput: 88.36 Mbit/s

95th percentile per-packet one-way delay: 17.922 ms

Loss rate: 0.06%

Run 1: Report of TCP Cubic — Data Link

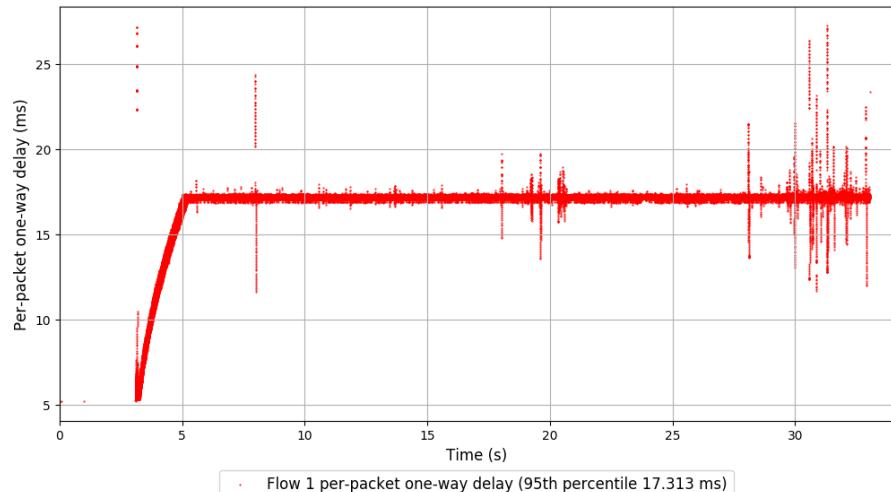
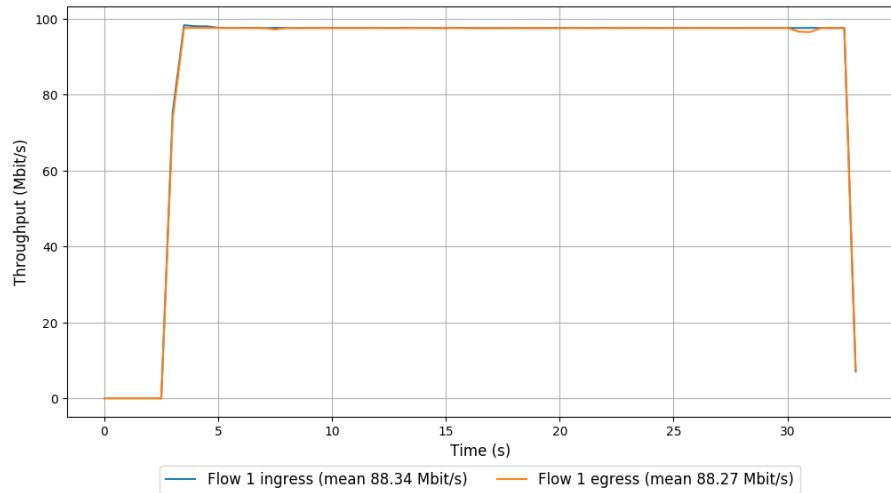


Run 2: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 04:55:25 +0000
End at: Tue, 04 Jul 2017 04:55:55 +0000
Local clock offset: -3.066 ms
Remote clock offset: 0.138 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:32:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.27 Mbit/s
95th percentile per-packet one-way delay: 17.313 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 88.27 Mbit/s
95th percentile per-packet one-way delay: 17.313 ms
Loss rate: 0.10%
```

Run 2: Report of TCP Cubic — Data Link

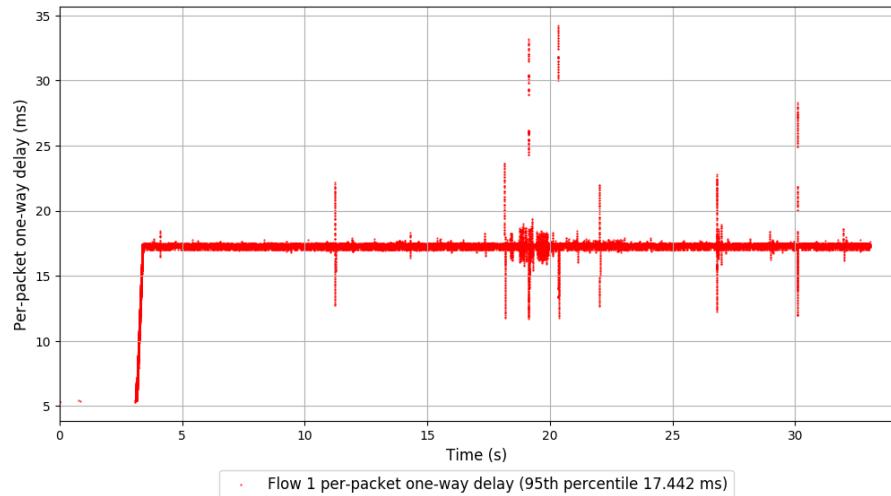
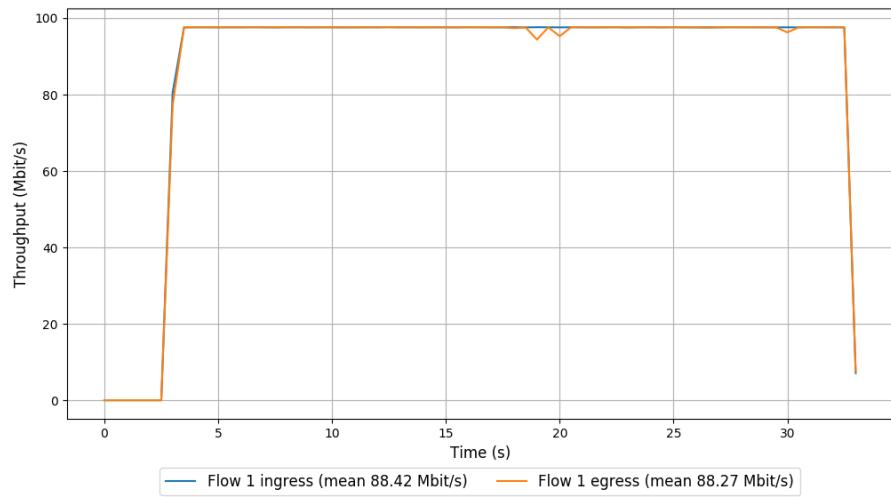


Run 3: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 05:12:21 +0000
End at: Tue, 04 Jul 2017 05:12:51 +0000
Local clock offset: -2.717 ms
Remote clock offset: 0.628 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:32:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.27 Mbit/s
95th percentile per-packet one-way delay: 17.442 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 88.27 Mbit/s
95th percentile per-packet one-way delay: 17.442 ms
Loss rate: 0.17%
```

Run 3: Report of TCP Cubic — Data Link

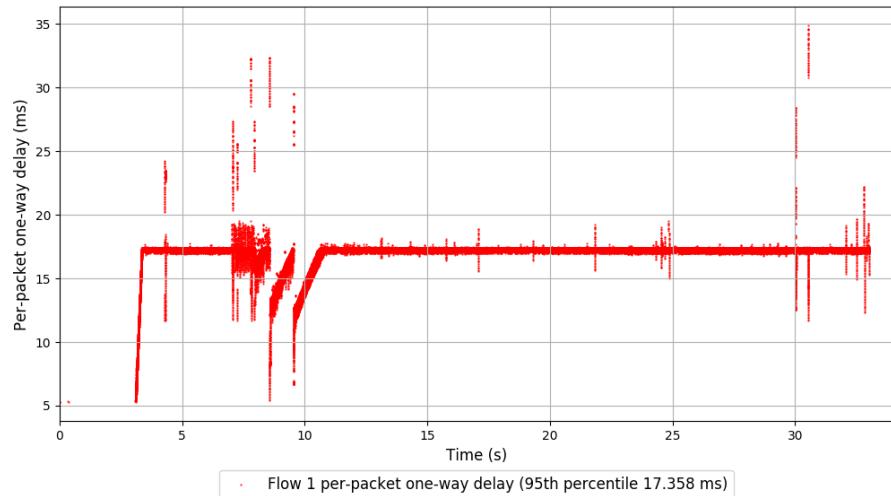
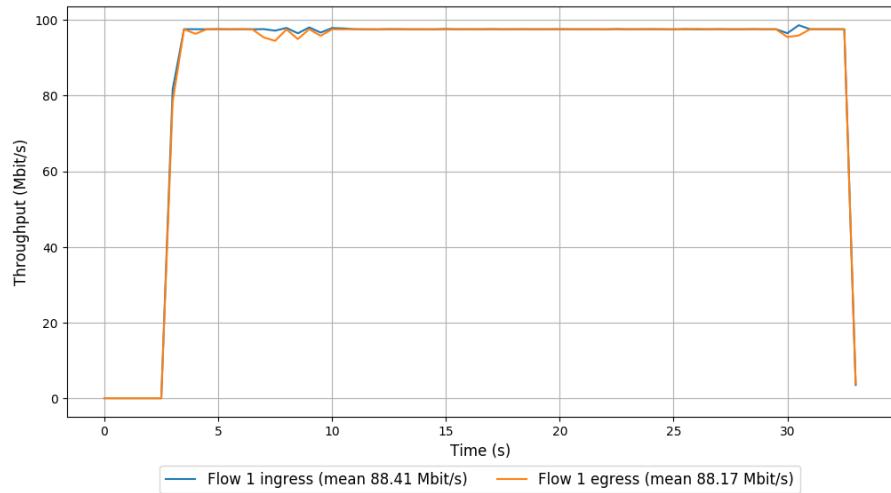


Run 4: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 05:29:19 +0000
End at: Tue, 04 Jul 2017 05:29:49 +0000
Local clock offset: -2.452 ms
Remote clock offset: 0.831 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:33:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.17 Mbit/s
95th percentile per-packet one-way delay: 17.358 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 88.17 Mbit/s
95th percentile per-packet one-way delay: 17.358 ms
Loss rate: 0.29%
```

Run 4: Report of TCP Cubic — Data Link

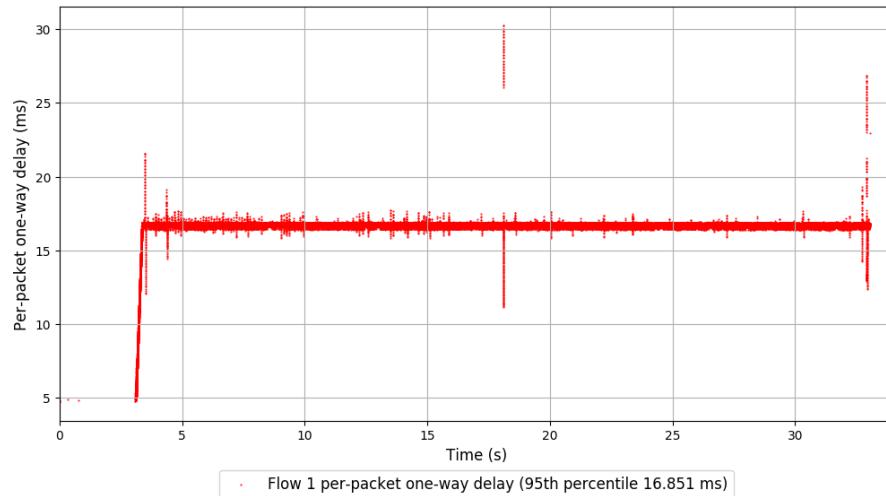
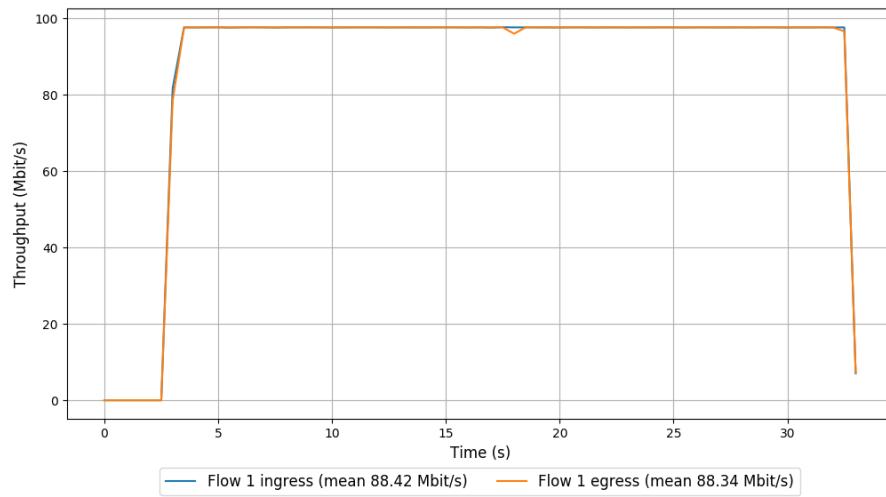


Run 5: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 05:46:21 +0000
End at: Tue, 04 Jul 2017 05:46:51 +0000
Local clock offset: -1.723 ms
Remote clock offset: 1.104 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:33:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.34 Mbit/s
95th percentile per-packet one-way delay: 16.851 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 88.34 Mbit/s
95th percentile per-packet one-way delay: 16.851 ms
Loss rate: 0.10%
```

Run 5: Report of TCP Cubic — Data Link

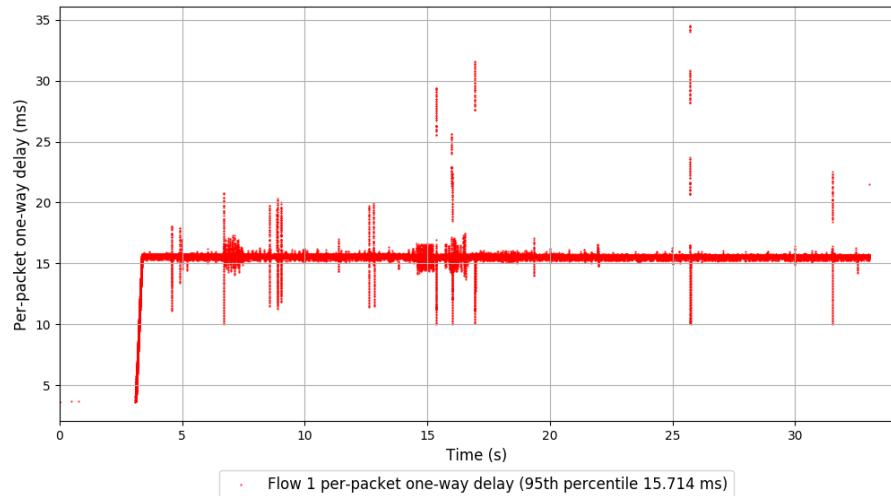
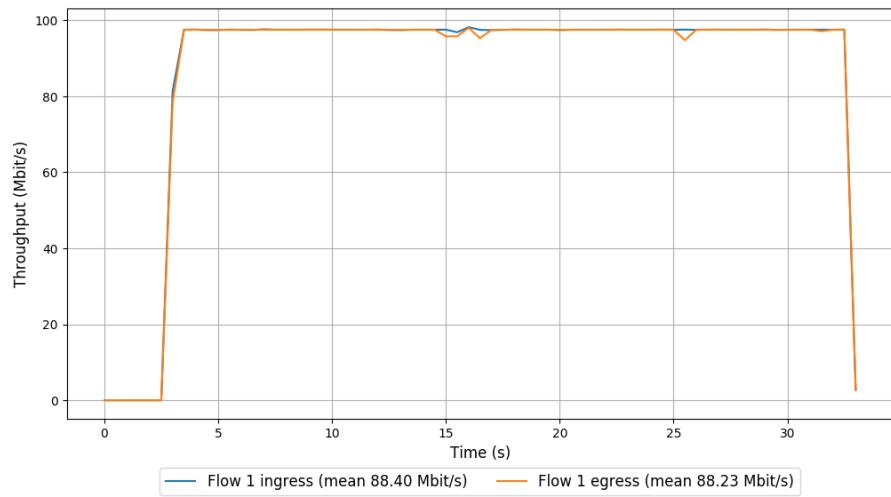


Run 6: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 06:03:21 +0000
End at: Tue, 04 Jul 2017 06:03:51 +0000
Local clock offset: -0.594 ms
Remote clock offset: 1.057 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:33:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.23 Mbit/s
95th percentile per-packet one-way delay: 15.714 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 88.23 Mbit/s
95th percentile per-packet one-way delay: 15.714 ms
Loss rate: 0.20%
```

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Tue, 04 Jul 2017 06:20:22 +0000

End at: Tue, 04 Jul 2017 06:20:52 +0000

Local clock offset: 0.435 ms

Remote clock offset: 1.031 ms

Below is generated by plot.py at Tue, 04 Jul 2017 08:33:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.22 Mbit/s

95th percentile per-packet one-way delay: 14.628 ms

Loss rate: 0.23%

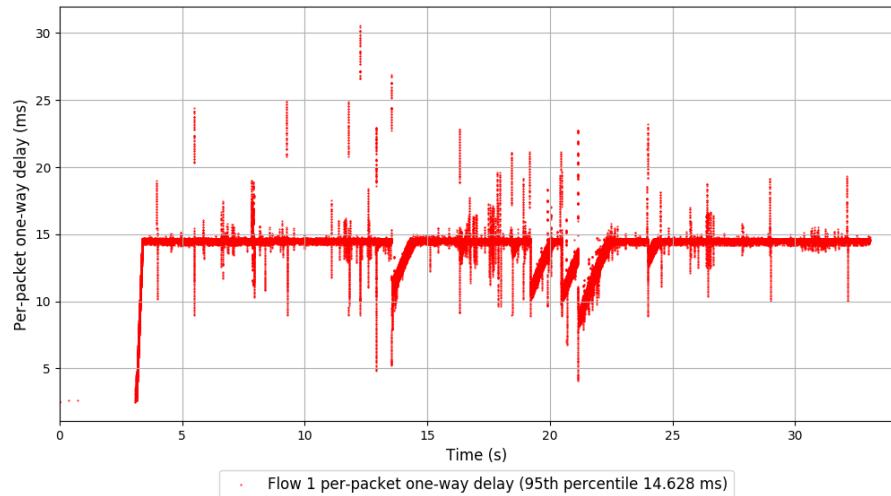
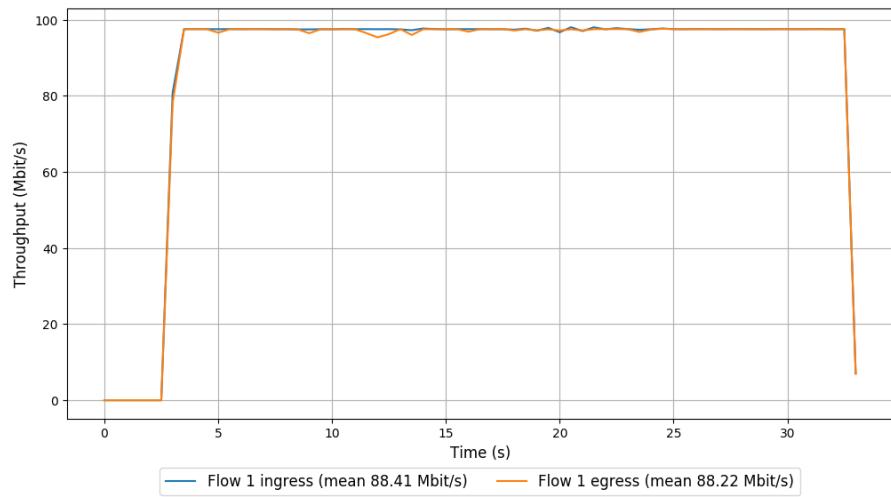
-- Flow 1:

Average throughput: 88.22 Mbit/s

95th percentile per-packet one-way delay: 14.628 ms

Loss rate: 0.23%

Run 7: Report of TCP Cubic — Data Link

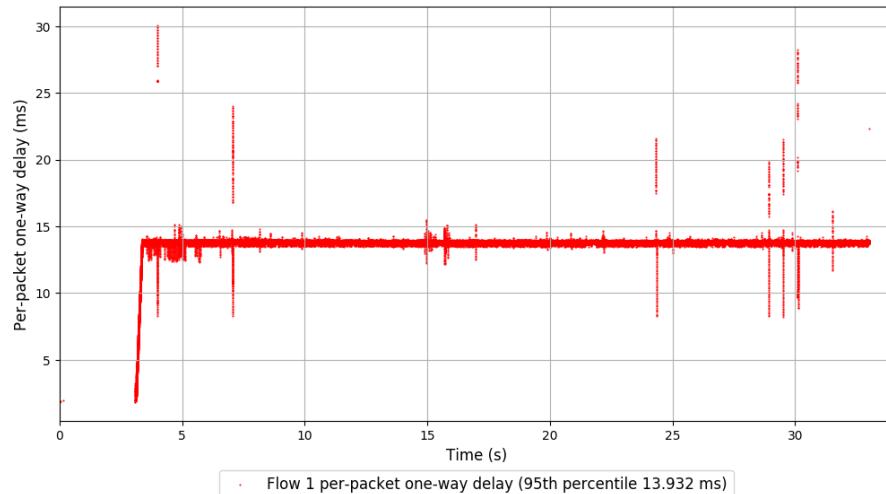
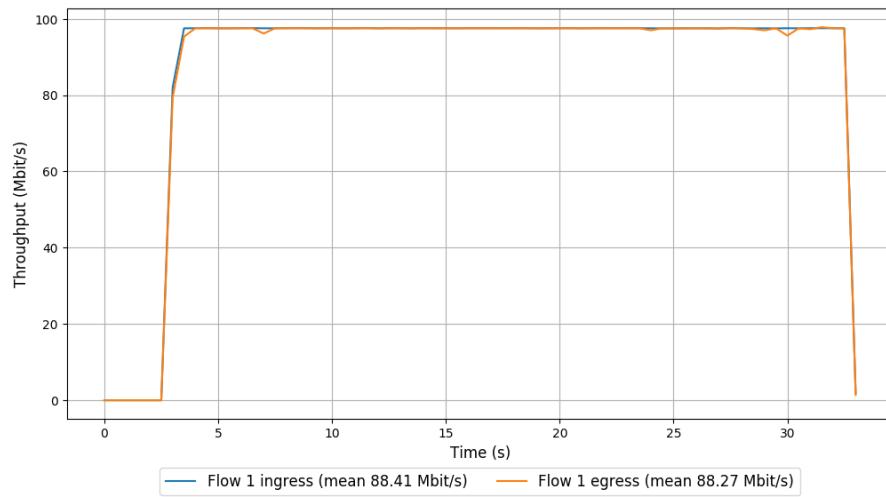


Run 8: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 06:37:22 +0000
End at: Tue, 04 Jul 2017 06:37:52 +0000
Local clock offset: 1.223 ms
Remote clock offset: 1.155 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:33:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.27 Mbit/s
95th percentile per-packet one-way delay: 13.932 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 88.27 Mbit/s
95th percentile per-packet one-way delay: 13.932 ms
Loss rate: 0.17%
```

Run 8: Report of TCP Cubic — Data Link

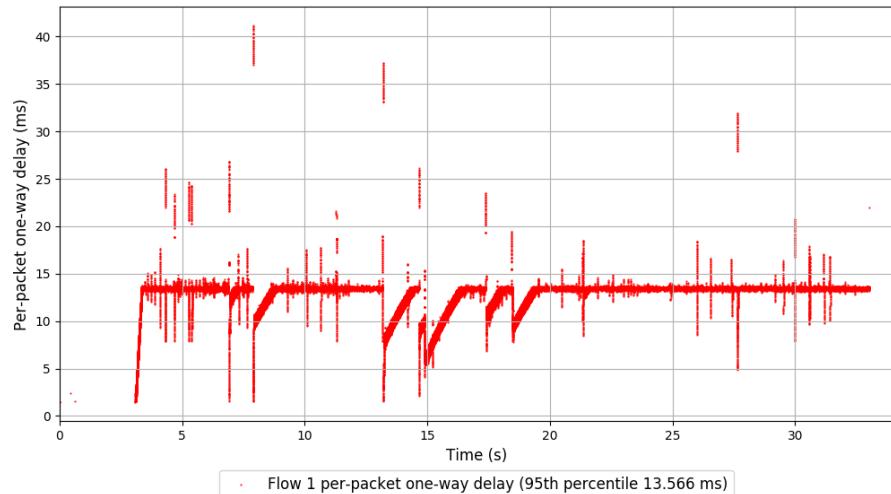
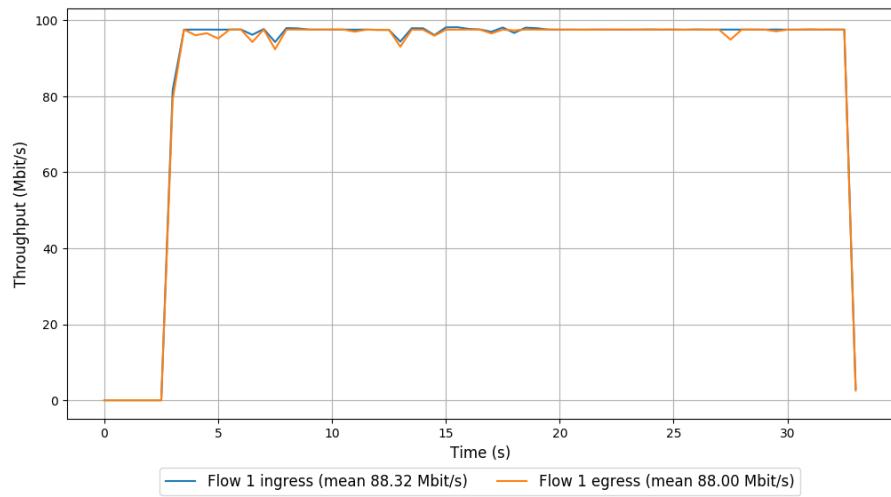


Run 9: Statistics of TCP Cubic

```
Start at: Tue, 04 Jul 2017 06:54:22 +0000
End at: Tue, 04 Jul 2017 06:54:52 +0000
Local clock offset: 1.695 ms
Remote clock offset: 1.272 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:33:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.00 Mbit/s
95th percentile per-packet one-way delay: 13.566 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 88.00 Mbit/s
95th percentile per-packet one-way delay: 13.566 ms
Loss rate: 0.36%
```

Run 9: Report of TCP Cubic — Data Link



```
Run 10: Statistics of TCP Cubic
```

```
Start at: Tue, 04 Jul 2017 07:11:22 +0000
```

```
End at: Tue, 04 Jul 2017 07:11:52 +0000
```

```
Local clock offset: 1.979 ms
```

```
Remote clock offset: 1.434 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 08:33:43 +0000
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average throughput: 88.17 Mbit/s
```

```
95th percentile per-packet one-way delay: 13.514 ms
```

```
Loss rate: 0.31%
```

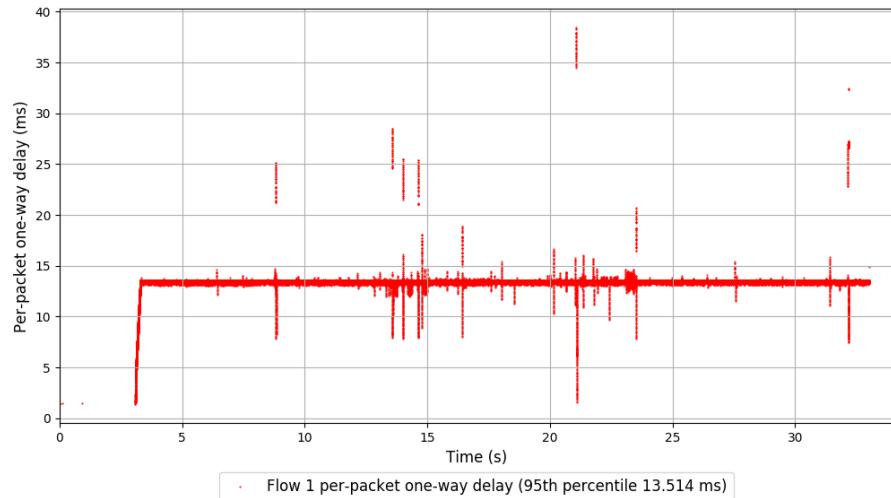
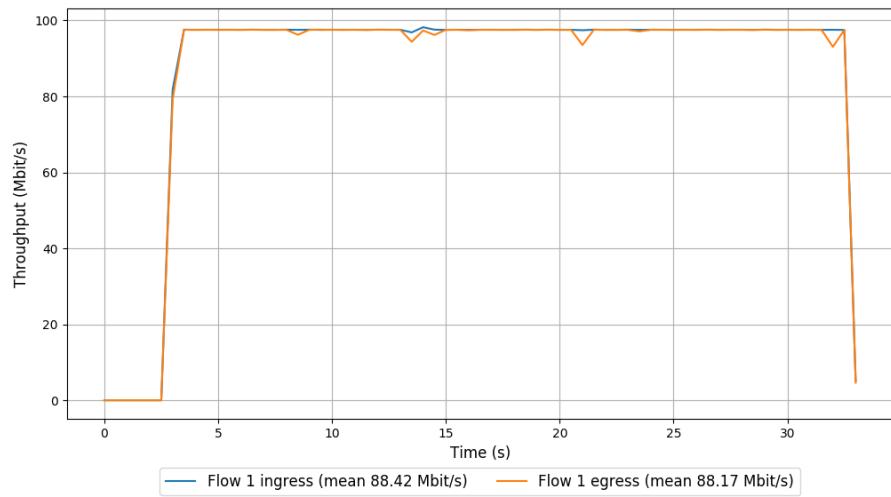
```
-- Flow 1:
```

```
Average throughput: 88.17 Mbit/s
```

```
95th percentile per-packet one-way delay: 13.514 ms
```

```
Loss rate: 0.31%
```

Run 10: Report of TCP Cubic — Data Link

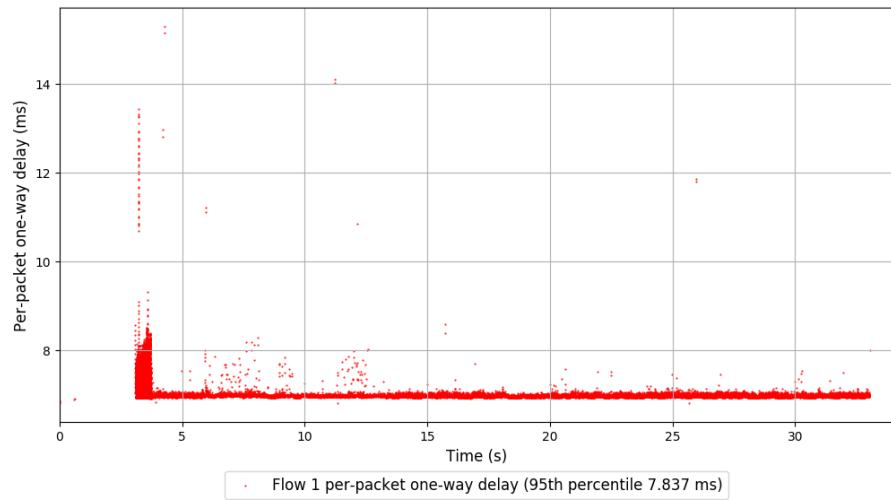
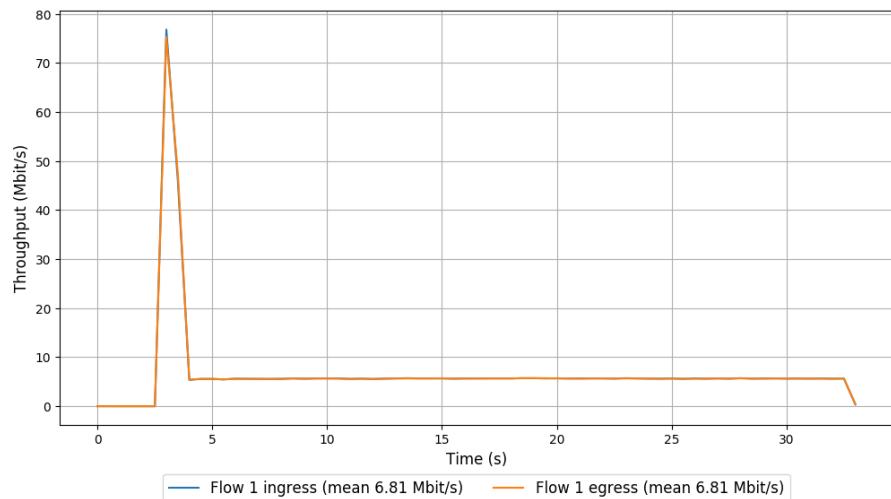


```
Run 1: Statistics of KohoCC
```

```
Start at: Tue, 04 Jul 2017 04:24:57 +0000
End at: Tue, 04 Jul 2017 04:25:27 +0000
Local clock offset: -4.926 ms
Remote clock offset: -0.128 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:33:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.81 Mbit/s
95th percentile per-packet one-way delay: 7.837 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 6.81 Mbit/s
95th percentile per-packet one-way delay: 7.837 ms
Loss rate: 0.01%
```

Run 1: Report of KohoCC — Data Link

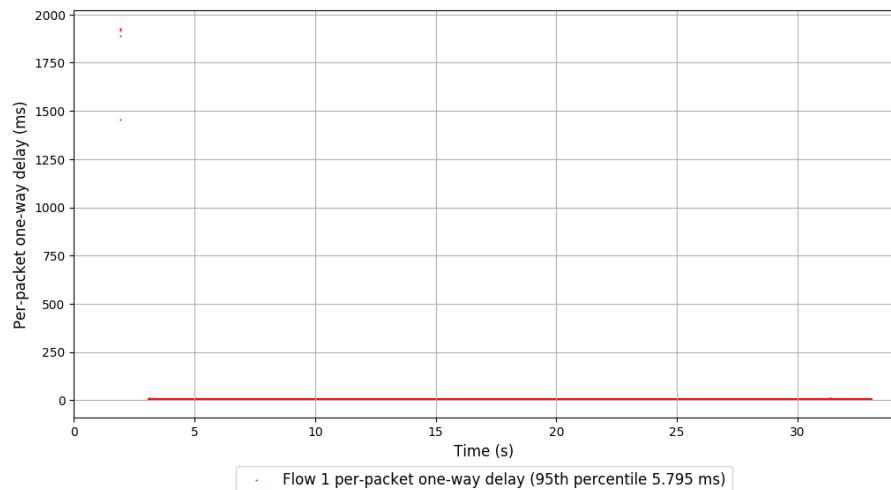
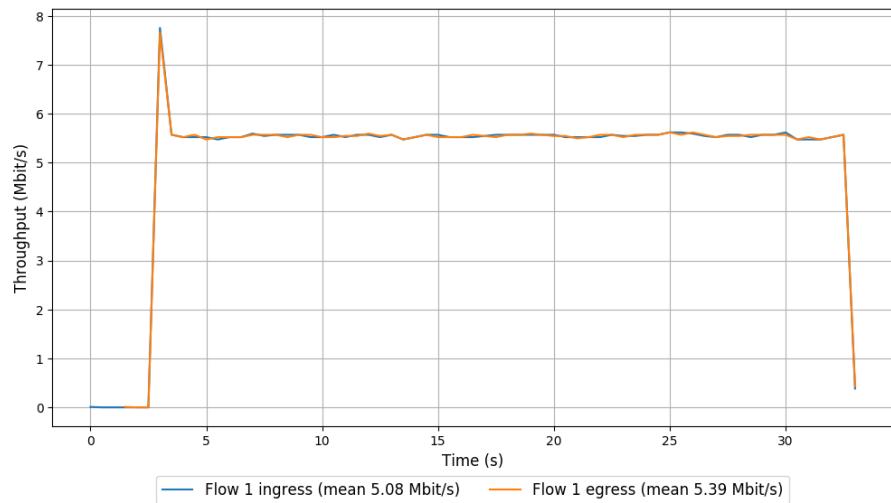


Run 2: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 04:41:48 +0000
End at: Tue, 04 Jul 2017 04:42:18 +0000
Local clock offset: -3.573 ms
Remote clock offset: -0.003 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:33:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.39 Mbit/s
95th percentile per-packet one-way delay: 5.795 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.39 Mbit/s
95th percentile per-packet one-way delay: 5.795 ms
Loss rate: 0.00%
```

Run 2: Report of KohoCC — Data Link

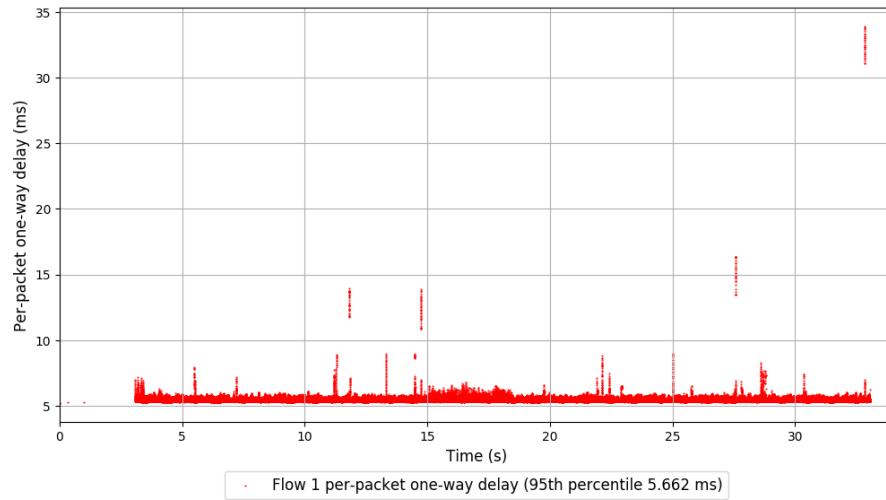
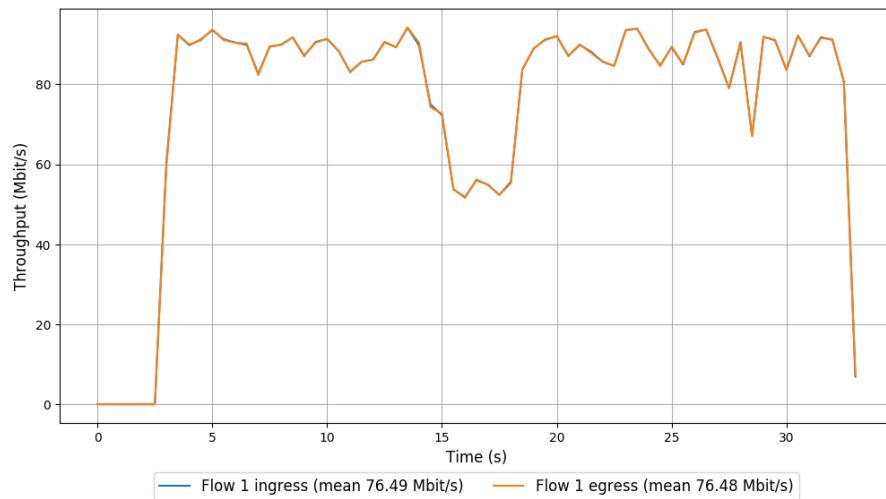


Run 3: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 04:58:48 +0000
End at: Tue, 04 Jul 2017 04:59:18 +0000
Local clock offset: -2.923 ms
Remote clock offset: 0.2 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:33:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.48 Mbit/s
95th percentile per-packet one-way delay: 5.662 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 76.48 Mbit/s
95th percentile per-packet one-way delay: 5.662 ms
Loss rate: 0.02%
```

Run 3: Report of KohoCC — Data Link

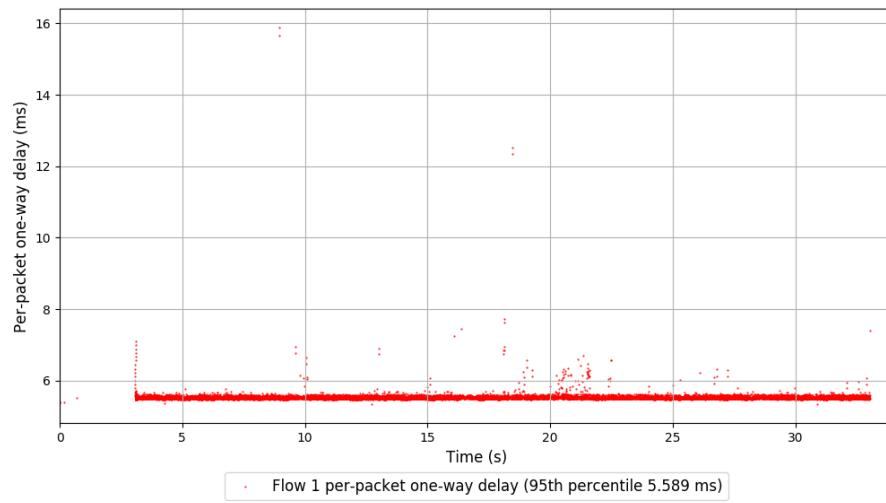
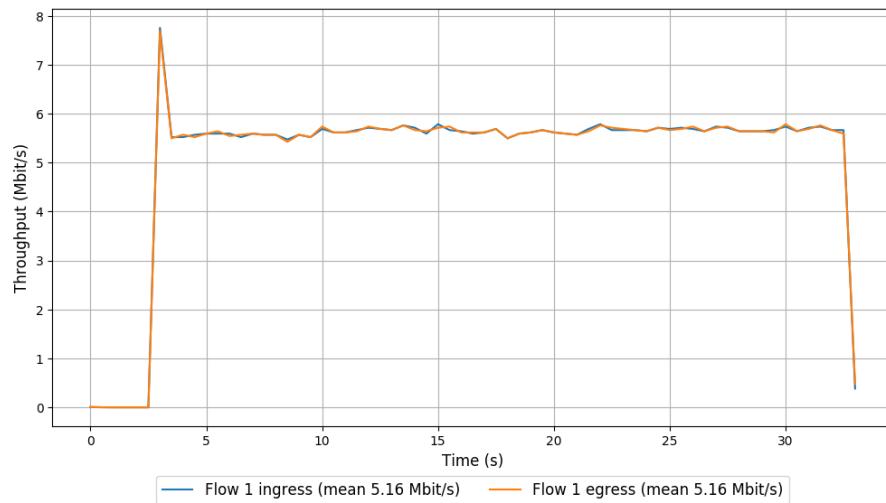


Run 4: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 05:15:44 +0000
End at: Tue, 04 Jul 2017 05:16:14 +0000
Local clock offset: -2.68 ms
Remote clock offset: 0.649 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:33:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.16 Mbit/s
95th percentile per-packet one-way delay: 5.589 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 5.16 Mbit/s
95th percentile per-packet one-way delay: 5.589 ms
Loss rate: 0.01%
```

Run 4: Report of KohoCC — Data Link

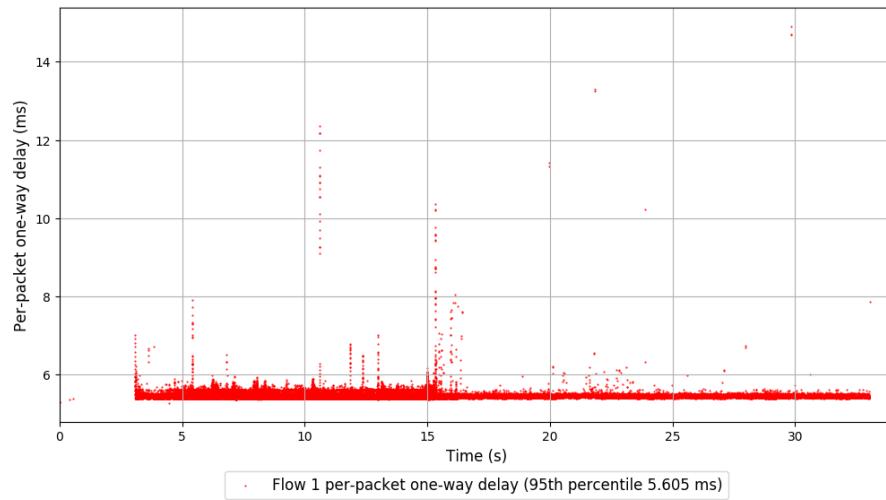
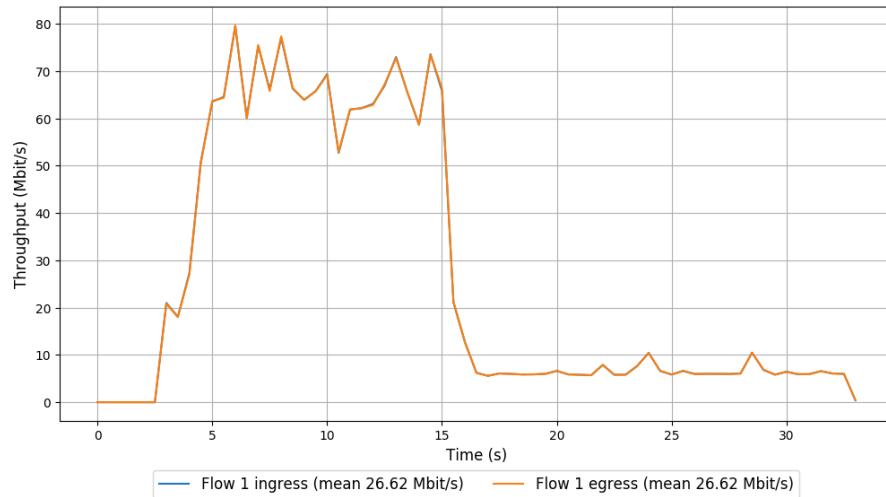


Run 5: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 05:32:43 +0000
End at: Tue, 04 Jul 2017 05:33:13 +0000
Local clock offset: -2.39 ms
Remote clock offset: 0.926 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:33:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.62 Mbit/s
95th percentile per-packet one-way delay: 5.605 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 26.62 Mbit/s
95th percentile per-packet one-way delay: 5.605 ms
Loss rate: 0.00%
```

Run 5: Report of KohoCC — Data Link

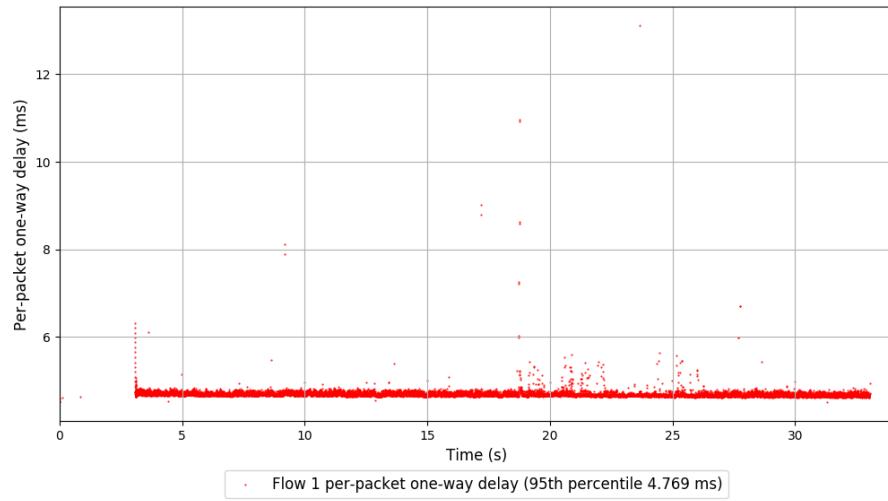
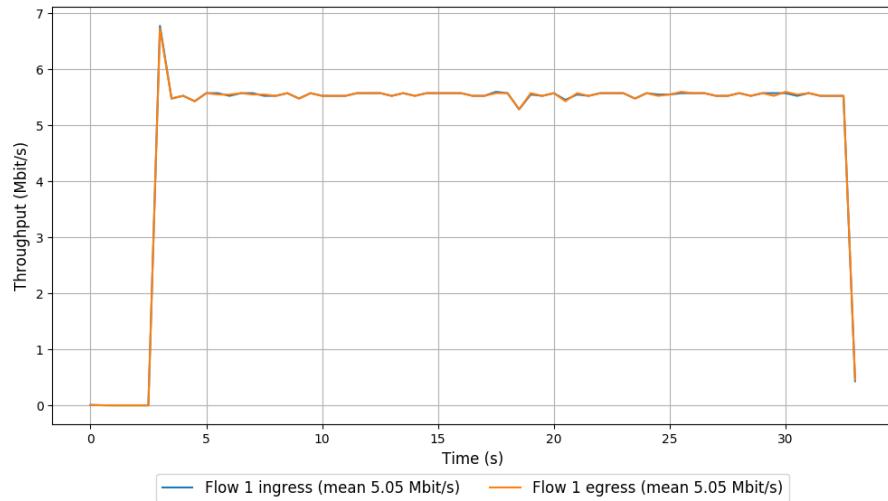


Run 6: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 05:49:44 +0000
End at: Tue, 04 Jul 2017 05:50:14 +0000
Local clock offset: -1.527 ms
Remote clock offset: 1.064 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:33:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.05 Mbit/s
95th percentile per-packet one-way delay: 4.769 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 5.05 Mbit/s
95th percentile per-packet one-way delay: 4.769 ms
Loss rate: 0.01%
```

Run 6: Report of KohoCC — Data Link

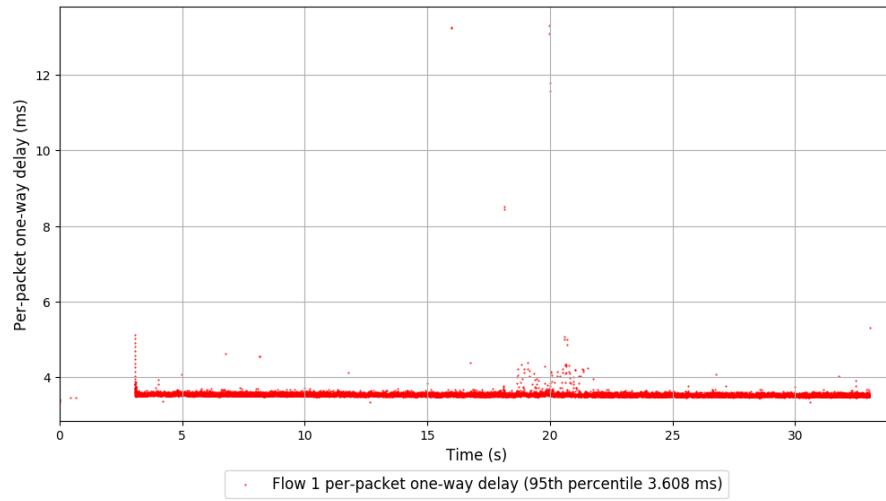
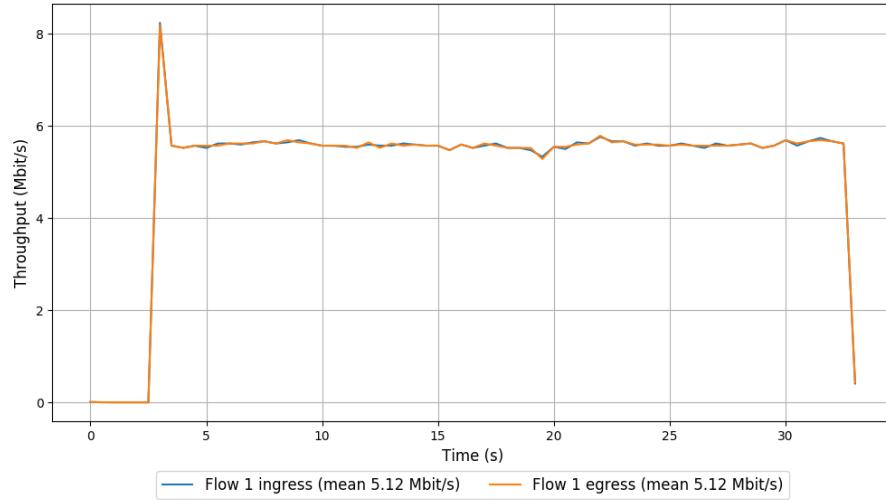


Run 7: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 06:06:44 +0000
End at: Tue, 04 Jul 2017 06:07:14 +0000
Local clock offset: -0.348 ms
Remote clock offset: 1.053 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:33:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.12 Mbit/s
95th percentile per-packet one-way delay: 3.608 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 5.12 Mbit/s
95th percentile per-packet one-way delay: 3.608 ms
Loss rate: 0.01%
```

Run 7: Report of KohoCC — Data Link

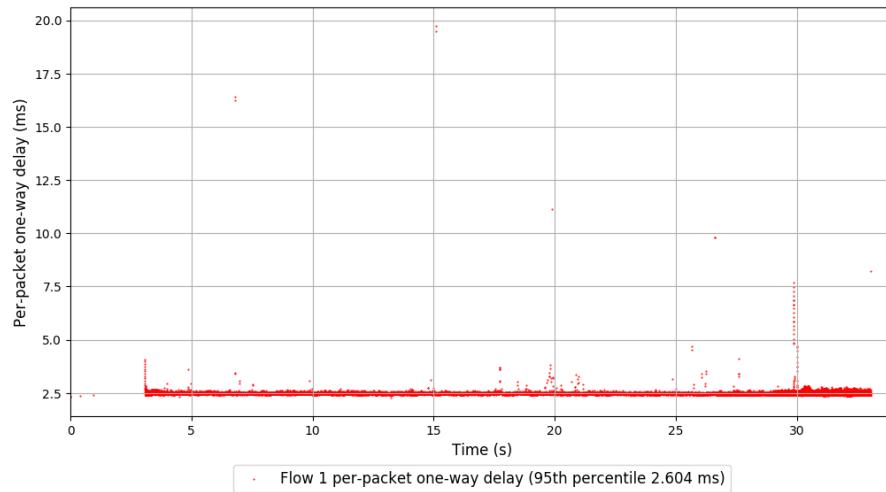
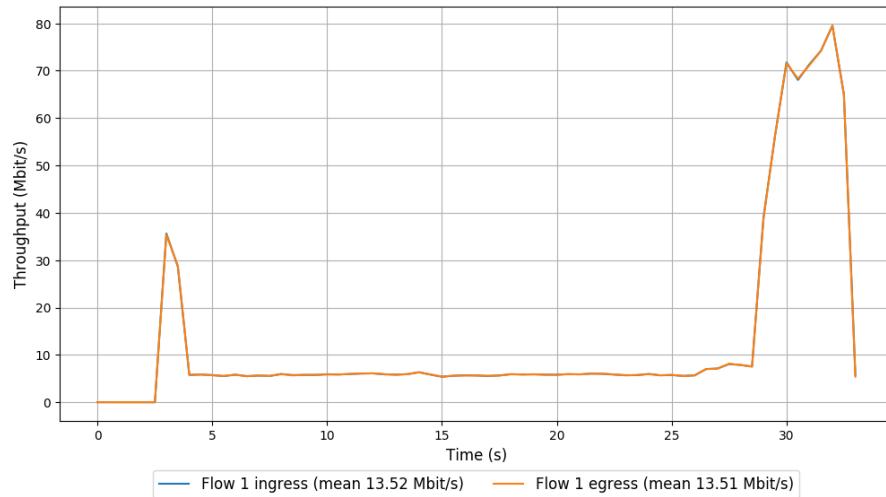


Run 8: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 06:23:45 +0000
End at: Tue, 04 Jul 2017 06:24:15 +0000
Local clock offset: 0.603 ms
Remote clock offset: 0.986 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:33:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.51 Mbit/s
95th percentile per-packet one-way delay: 2.604 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 13.51 Mbit/s
95th percentile per-packet one-way delay: 2.604 ms
Loss rate: 0.07%
```

Run 8: Report of KohoCC — Data Link

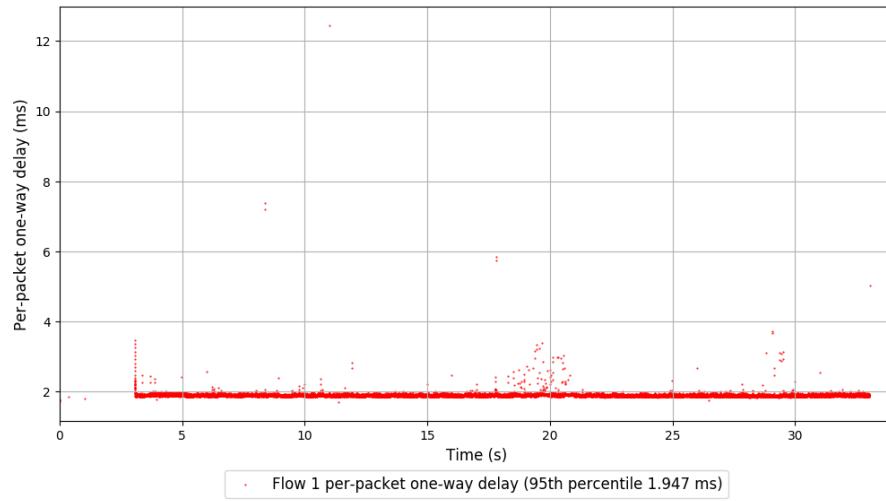
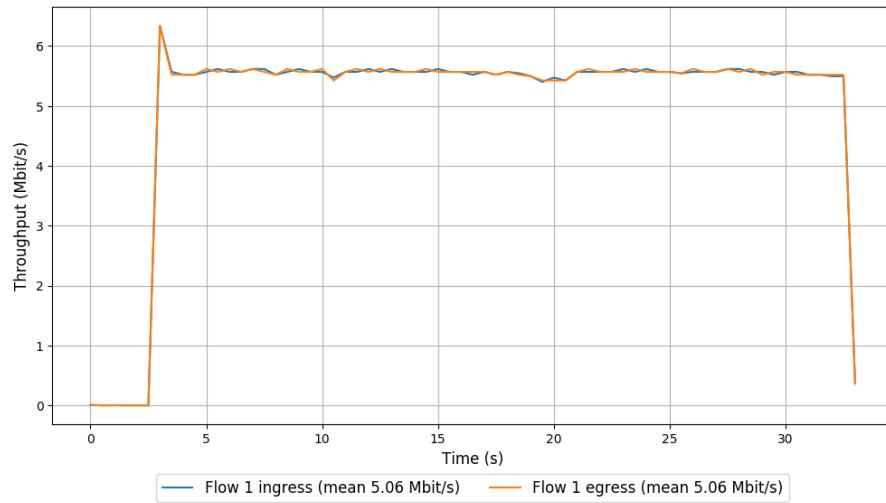


Run 9: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 06:40:45 +0000
End at: Tue, 04 Jul 2017 06:41:15 +0000
Local clock offset: 1.398 ms
Remote clock offset: 1.153 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:33:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.06 Mbit/s
95th percentile per-packet one-way delay: 1.947 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 5.06 Mbit/s
95th percentile per-packet one-way delay: 1.947 ms
Loss rate: 0.01%
```

Run 9: Report of KohoCC — Data Link

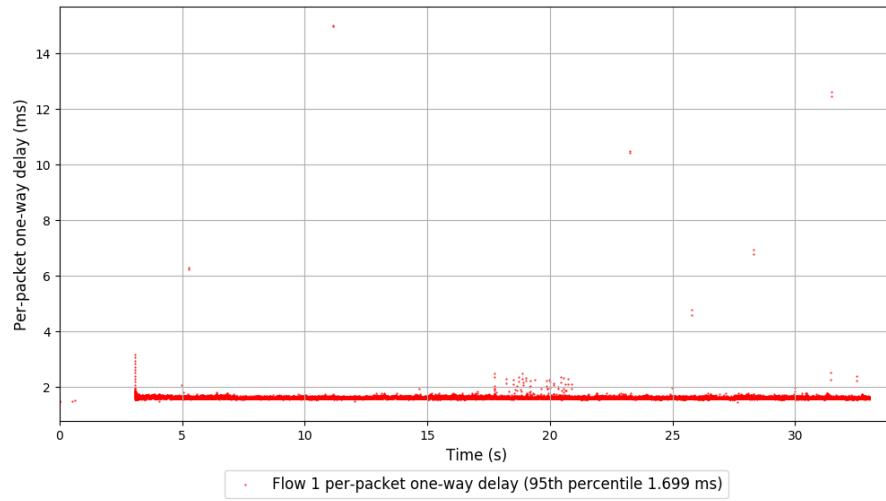
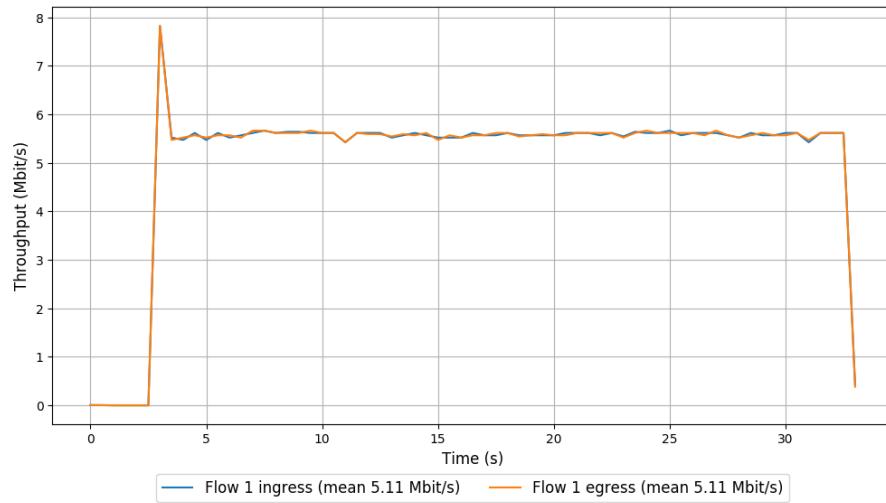


Run 10: Statistics of KohoCC

```
Start at: Tue, 04 Jul 2017 06:57:45 +0000
End at: Tue, 04 Jul 2017 06:58:15 +0000
Local clock offset: 1.813 ms
Remote clock offset: 1.219 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:33:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.11 Mbit/s
95th percentile per-packet one-way delay: 1.699 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 5.11 Mbit/s
95th percentile per-packet one-way delay: 1.699 ms
Loss rate: 0.01%
```

Run 10: Report of KohoCC — Data Link

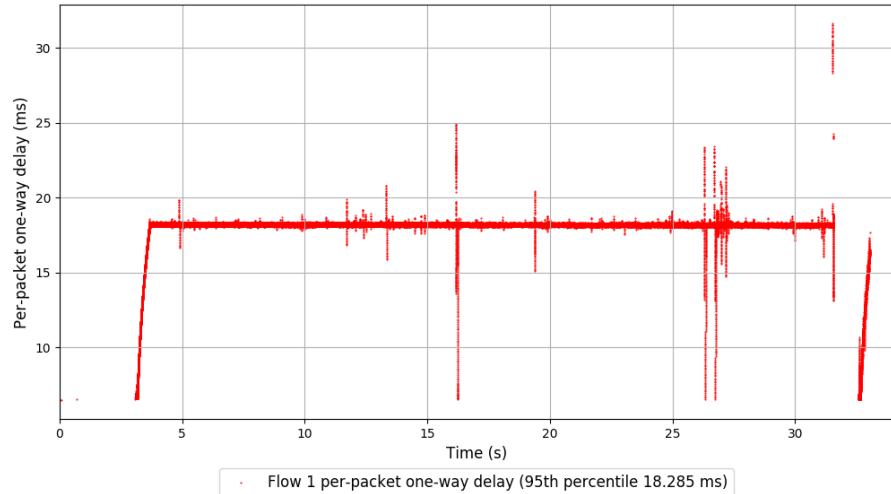
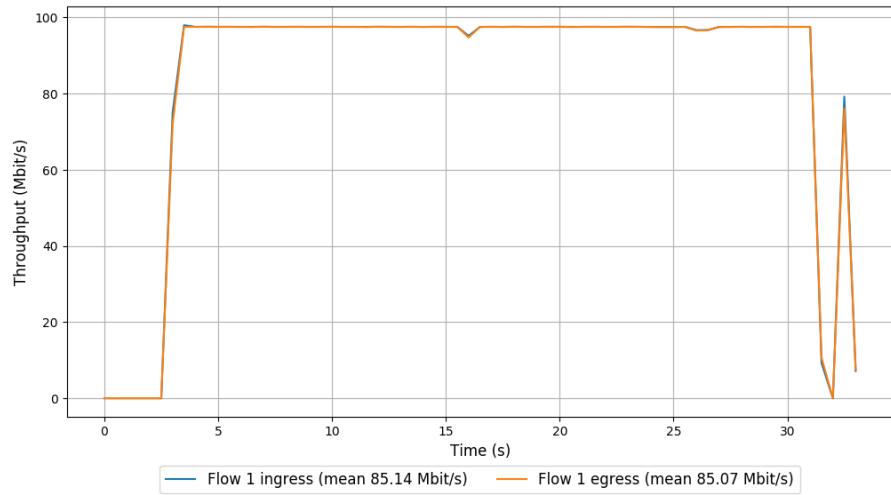


Run 1: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 04:30:31 +0000
End at: Tue, 04 Jul 2017 04:31:01 +0000
Local clock offset: -4.648 ms
Remote clock offset: -0.083 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:34:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.07 Mbit/s
95th percentile per-packet one-way delay: 18.285 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 85.07 Mbit/s
95th percentile per-packet one-way delay: 18.285 ms
Loss rate: 0.10%
```

Run 1: Report of LEDBAT — Data Link

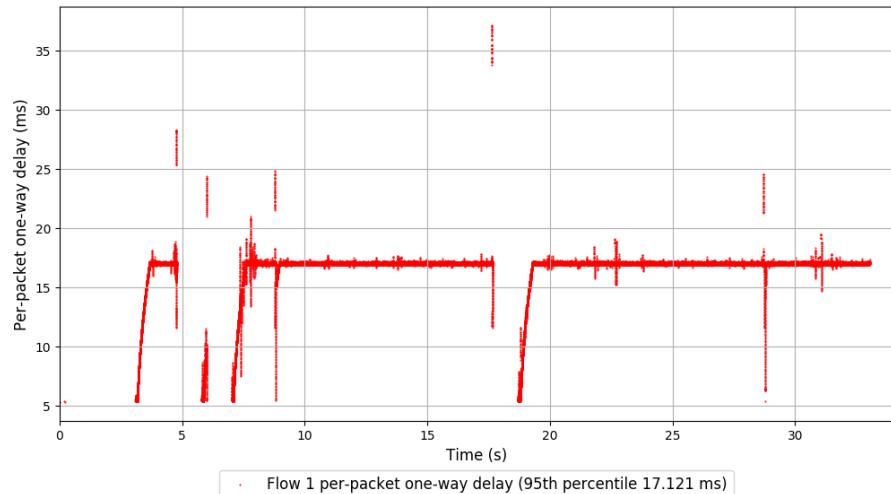
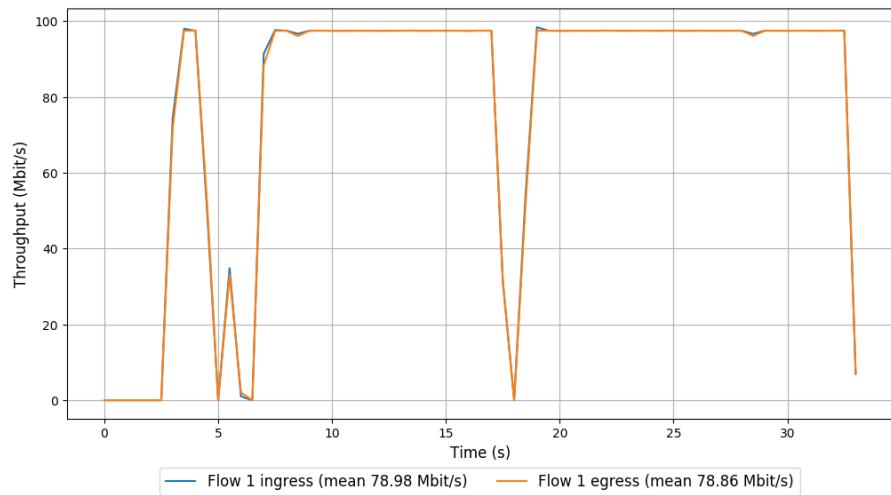


Run 2: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 04:47:22 +0000
End at: Tue, 04 Jul 2017 04:47:52 +0000
Local clock offset: -3.282 ms
Remote clock offset: -0.01 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:34:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.86 Mbit/s
95th percentile per-packet one-way delay: 17.121 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 78.86 Mbit/s
95th percentile per-packet one-way delay: 17.121 ms
Loss rate: 0.18%
```

Run 2: Report of LEDBAT — Data Link

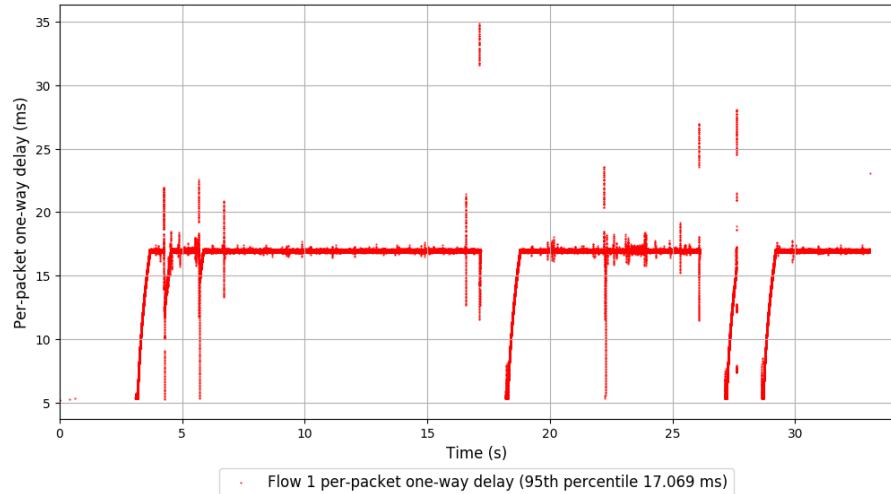
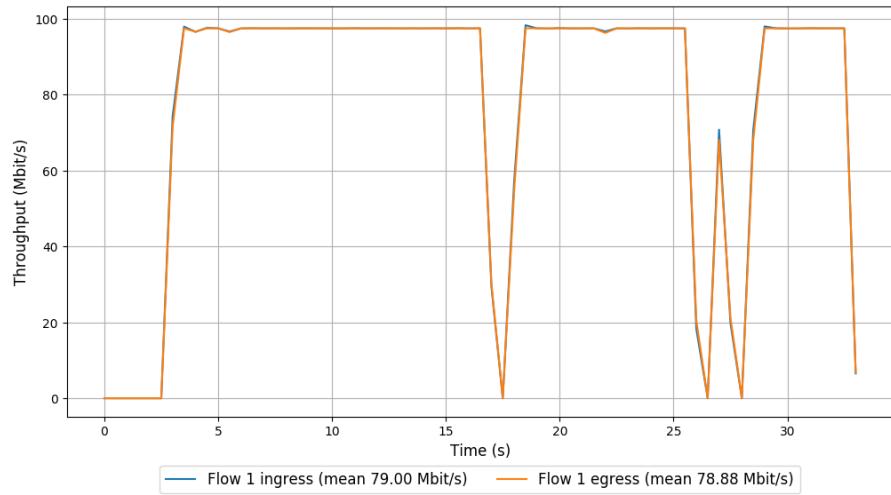


Run 3: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 05:04:27 +0000
End at: Tue, 04 Jul 2017 05:04:58 +0000
Local clock offset: -2.842 ms
Remote clock offset: 0.371 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:34:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.88 Mbit/s
95th percentile per-packet one-way delay: 17.069 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 78.88 Mbit/s
95th percentile per-packet one-way delay: 17.069 ms
Loss rate: 0.17%
```

Run 3: Report of LEDBAT — Data Link

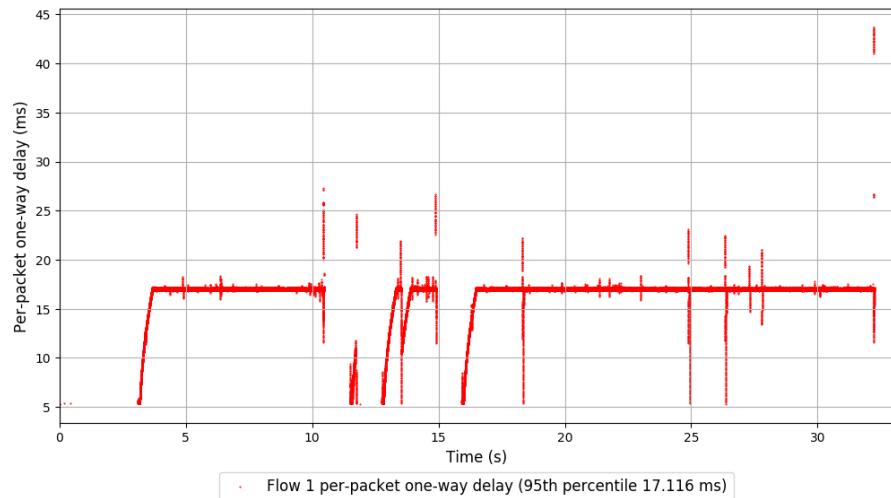
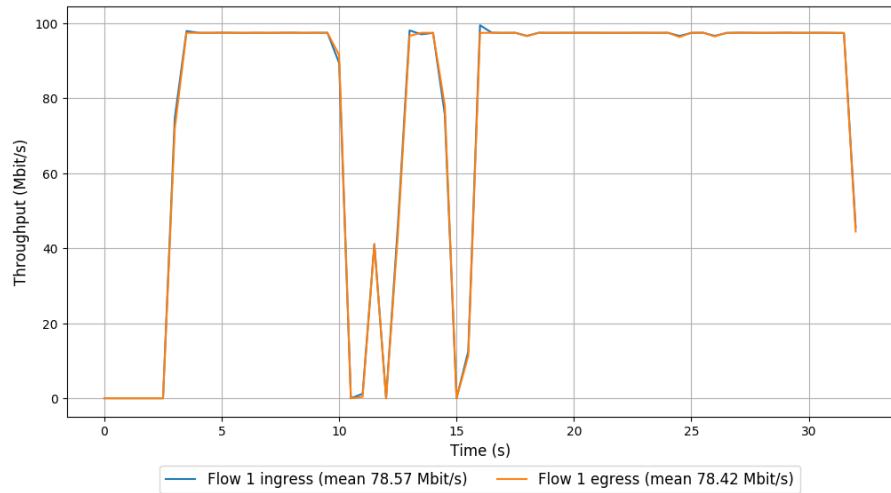


Run 4: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 05:21:17 +0000
End at: Tue, 04 Jul 2017 05:21:47 +0000
Local clock offset: -2.593 ms
Remote clock offset: 0.711 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:34:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.42 Mbit/s
95th percentile per-packet one-way delay: 17.116 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 78.42 Mbit/s
95th percentile per-packet one-way delay: 17.116 ms
Loss rate: 0.16%
```

Run 4: Report of LEDBAT — Data Link

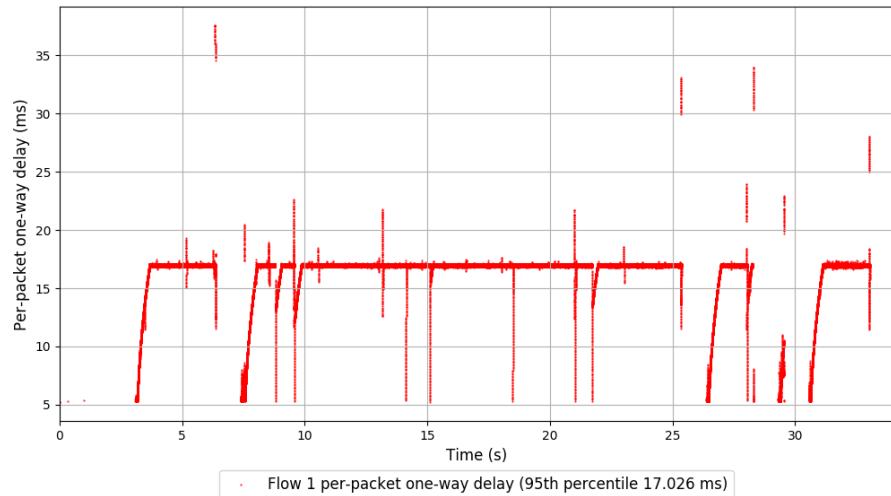
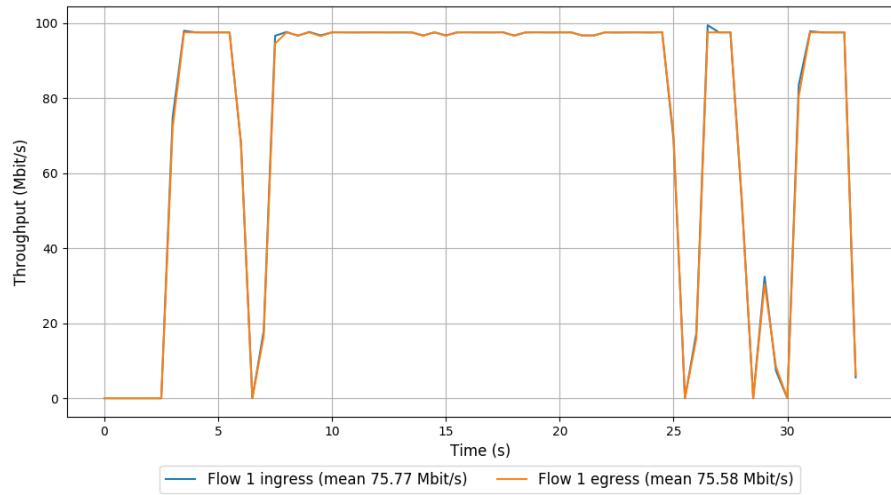


Run 5: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 05:38:18 +0000
End at: Tue, 04 Jul 2017 05:38:48 +0000
Local clock offset: -2.323 ms
Remote clock offset: 0.926 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:34:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.58 Mbit/s
95th percentile per-packet one-way delay: 17.026 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 75.58 Mbit/s
95th percentile per-packet one-way delay: 17.026 ms
Loss rate: 0.24%
```

Run 5: Report of LEDBAT — Data Link

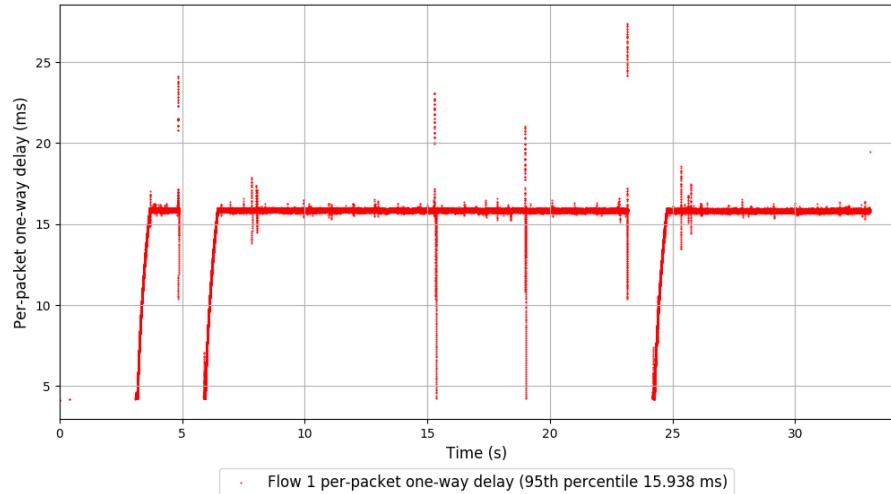
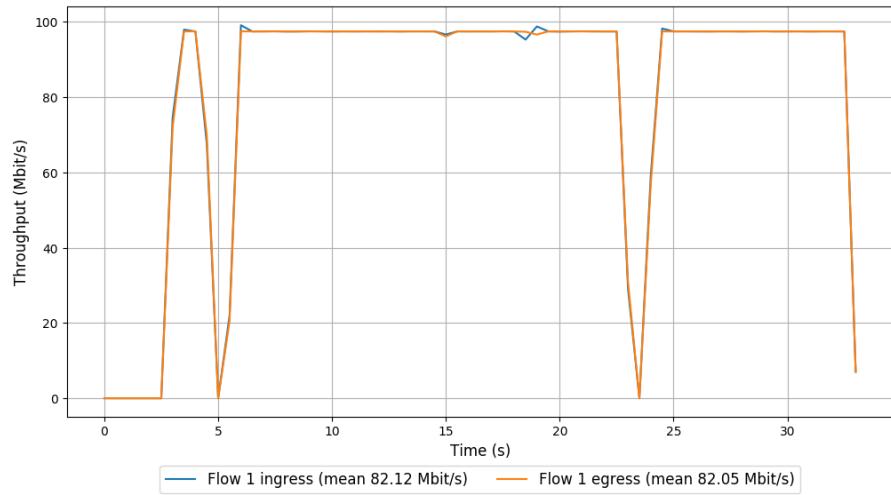


Run 6: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 05:55:17 +0000
End at: Tue, 04 Jul 2017 05:55:48 +0000
Local clock offset: -1.105 ms
Remote clock offset: 1.078 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:34:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.05 Mbit/s
95th percentile per-packet one-way delay: 15.938 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 82.05 Mbit/s
95th percentile per-packet one-way delay: 15.938 ms
Loss rate: 0.11%
```

Run 6: Report of LEDBAT — Data Link

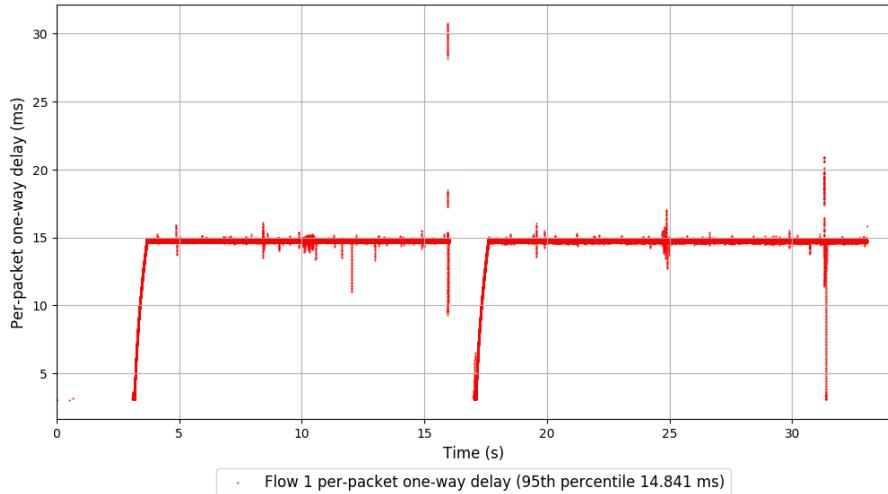
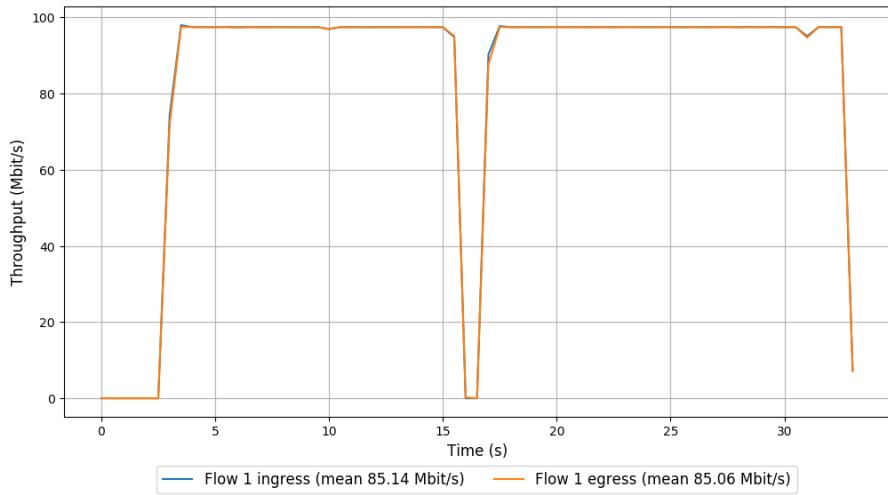


Run 7: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 06:12:18 +0000
End at: Tue, 04 Jul 2017 06:12:48 +0000
Local clock offset: -0.05 ms
Remote clock offset: 1.023 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:34:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.06 Mbit/s
95th percentile per-packet one-way delay: 14.841 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 85.06 Mbit/s
95th percentile per-packet one-way delay: 14.841 ms
Loss rate: 0.10%
```

Run 7: Report of LEDBAT — Data Link

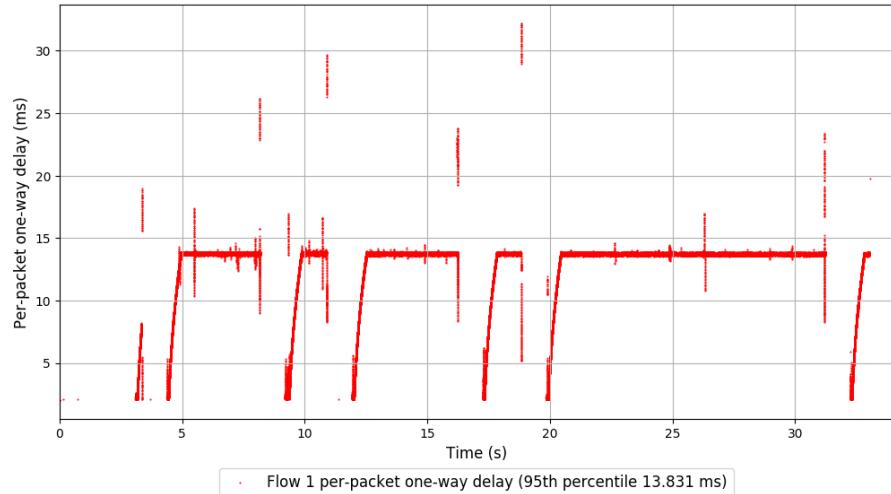
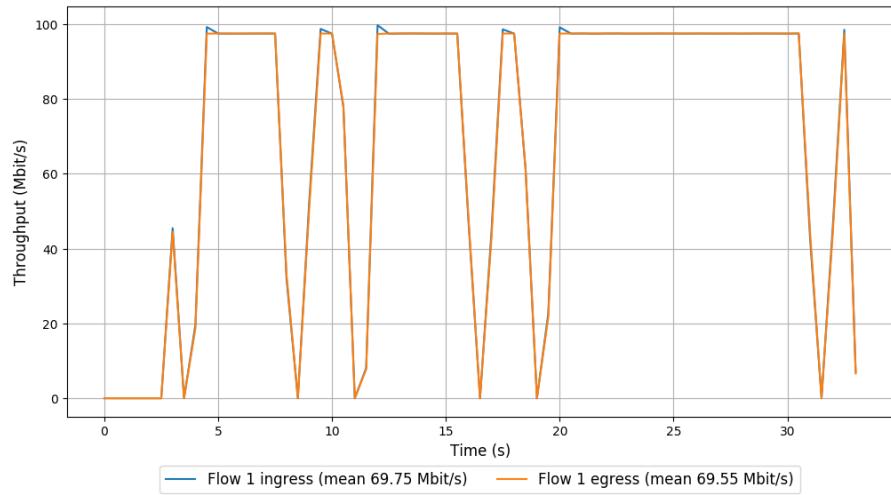


Run 8: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 06:29:19 +0000
End at: Tue, 04 Jul 2017 06:29:49 +0000
Local clock offset: 0.95 ms
Remote clock offset: 1.029 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:34:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.55 Mbit/s
95th percentile per-packet one-way delay: 13.831 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 69.55 Mbit/s
95th percentile per-packet one-way delay: 13.831 ms
Loss rate: 0.30%
```

Run 8: Report of LEDBAT — Data Link

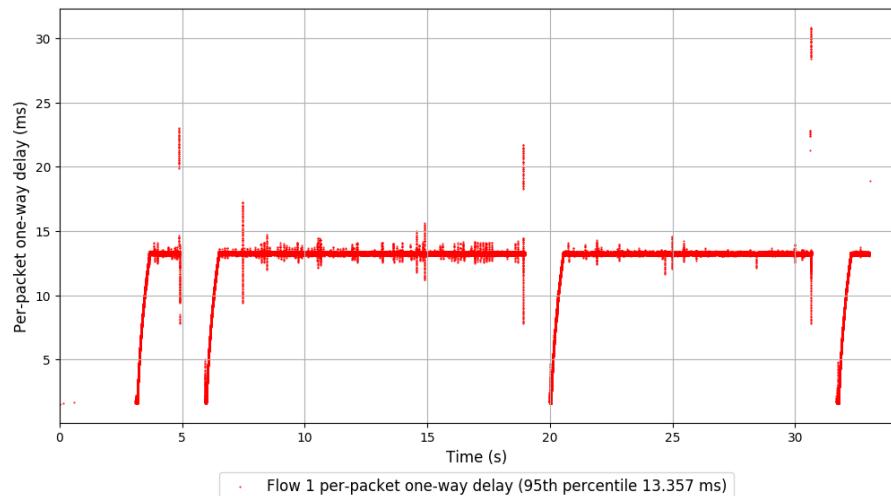
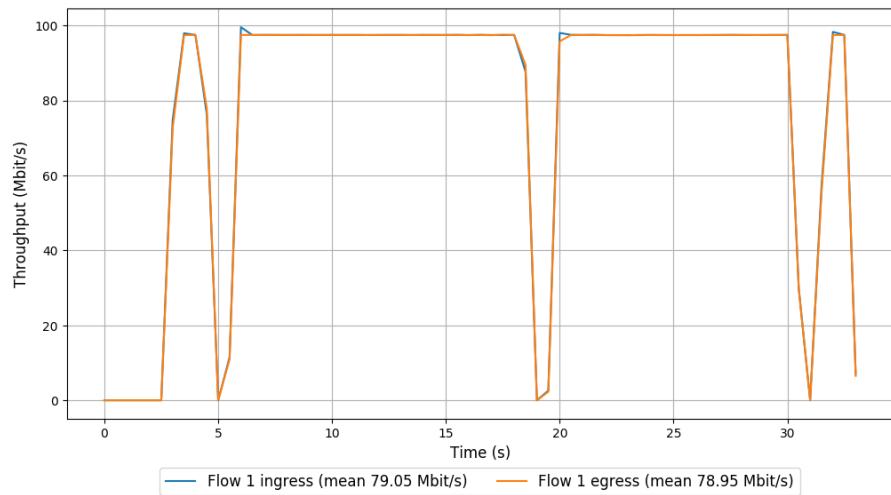


Run 9: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 06:46:19 +0000
End at: Tue, 04 Jul 2017 06:46:49 +0000
Local clock offset: 1.538 ms
Remote clock offset: 1.143 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:35:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.95 Mbit/s
95th percentile per-packet one-way delay: 13.357 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 78.95 Mbit/s
95th percentile per-packet one-way delay: 13.357 ms
Loss rate: 0.14%
```

Run 9: Report of LEDBAT — Data Link

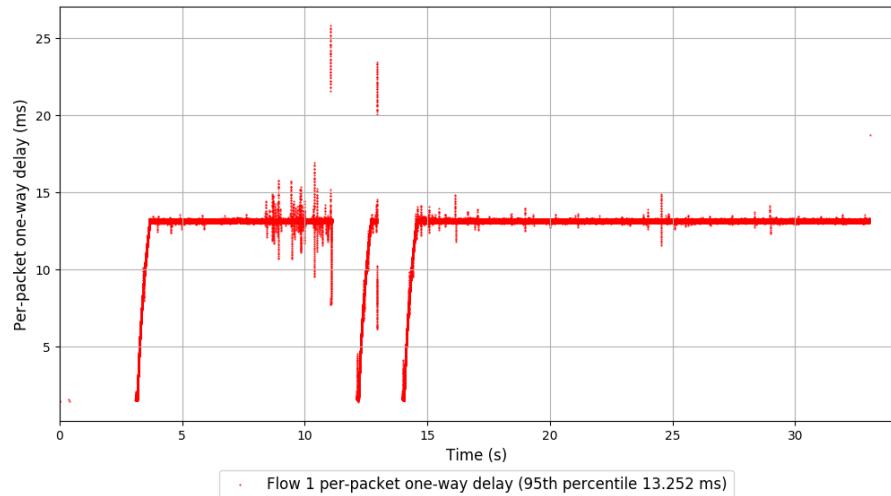
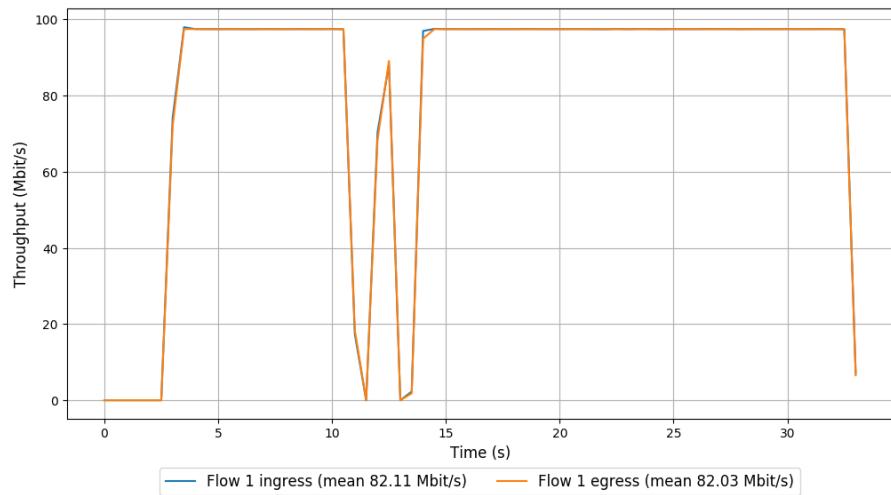


Run 10: Statistics of LEDBAT

```
Start at: Tue, 04 Jul 2017 07:03:19 +0000
End at: Tue, 04 Jul 2017 07:03:49 +0000
Local clock offset: 1.903 ms
Remote clock offset: 1.314 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:35:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.03 Mbit/s
95th percentile per-packet one-way delay: 13.252 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 82.03 Mbit/s
95th percentile per-packet one-way delay: 13.252 ms
Loss rate: 0.11%
```

Run 10: Report of LEDBAT — Data Link

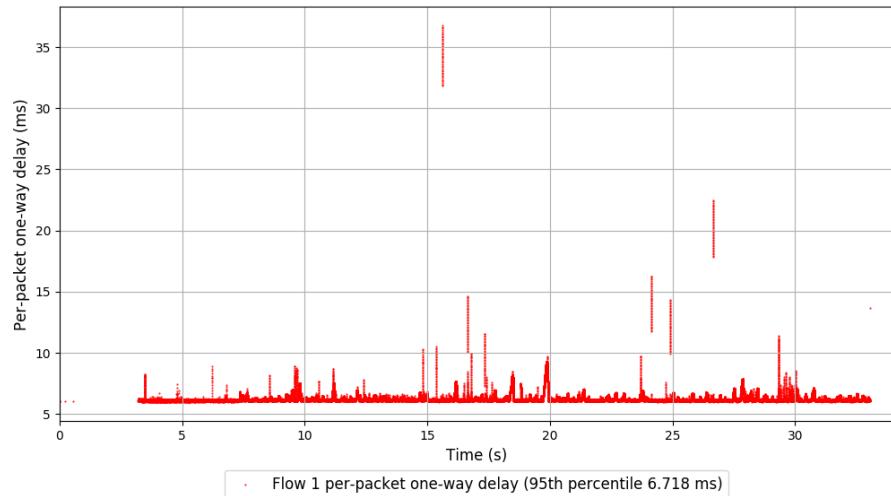
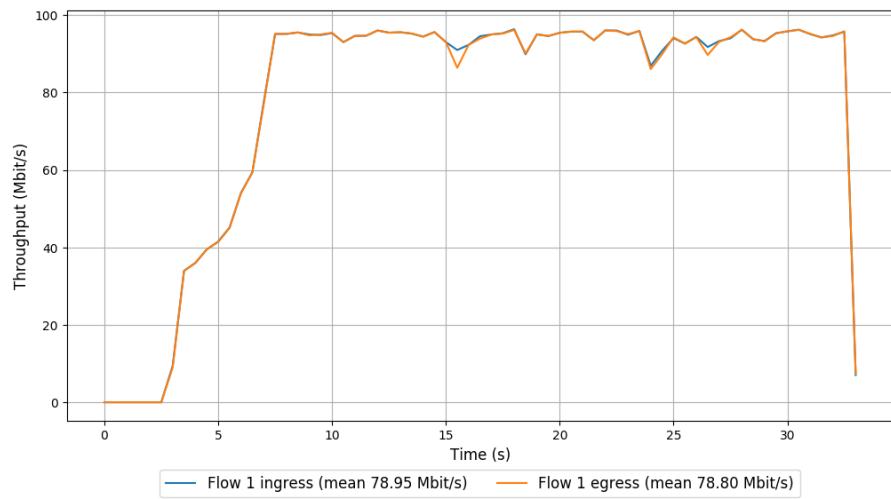


Run 1: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 04:36:09 +0000
End at: Tue, 04 Jul 2017 04:36:39 +0000
Local clock offset: -4.125 ms
Remote clock offset: -0.052 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:35:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.80 Mbit/s
95th percentile per-packet one-way delay: 6.718 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 78.80 Mbit/s
95th percentile per-packet one-way delay: 6.718 ms
Loss rate: 0.19%
```

Run 1: Report of PCC — Data Link

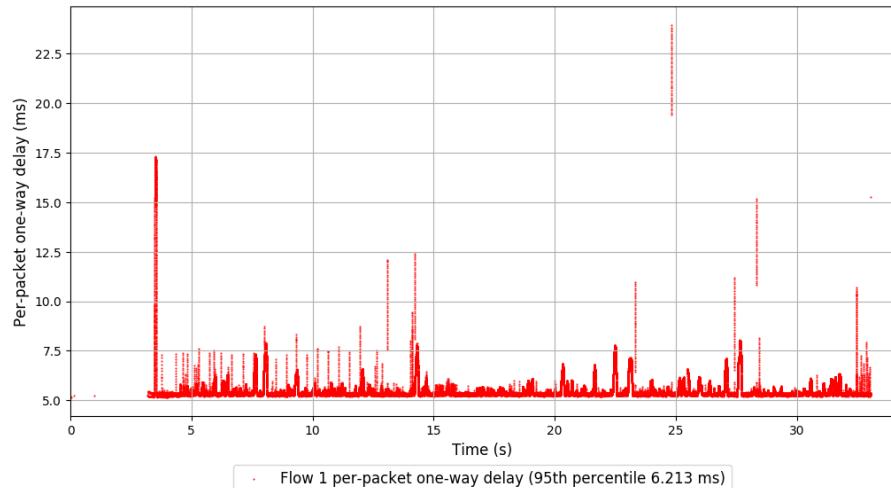
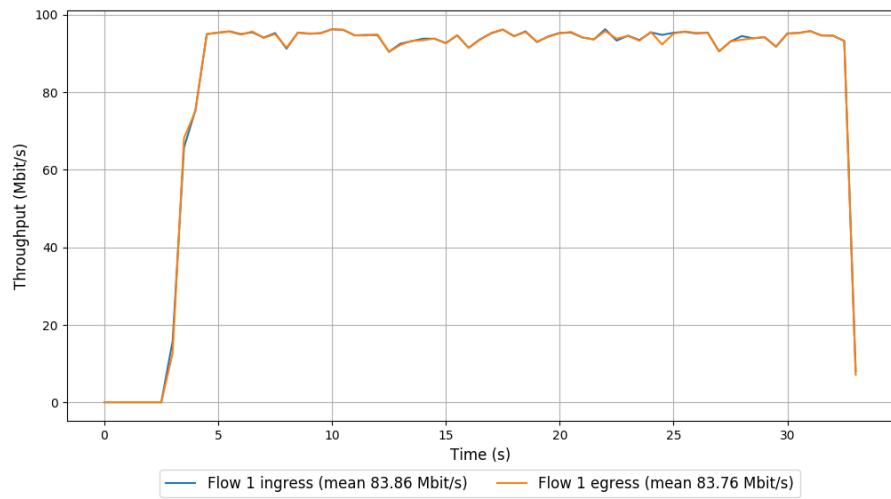


Run 2: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 04:53:09 +0000
End at: Tue, 04 Jul 2017 04:53:39 +0000
Local clock offset: -3.063 ms
Remote clock offset: 0.187 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:35:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.76 Mbit/s
95th percentile per-packet one-way delay: 6.213 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 83.76 Mbit/s
95th percentile per-packet one-way delay: 6.213 ms
Loss rate: 0.11%
```

Run 2: Report of PCC — Data Link

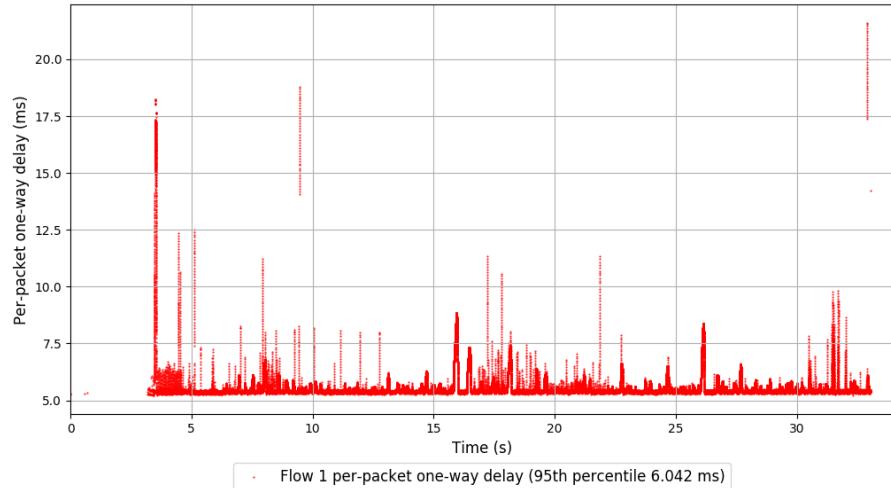
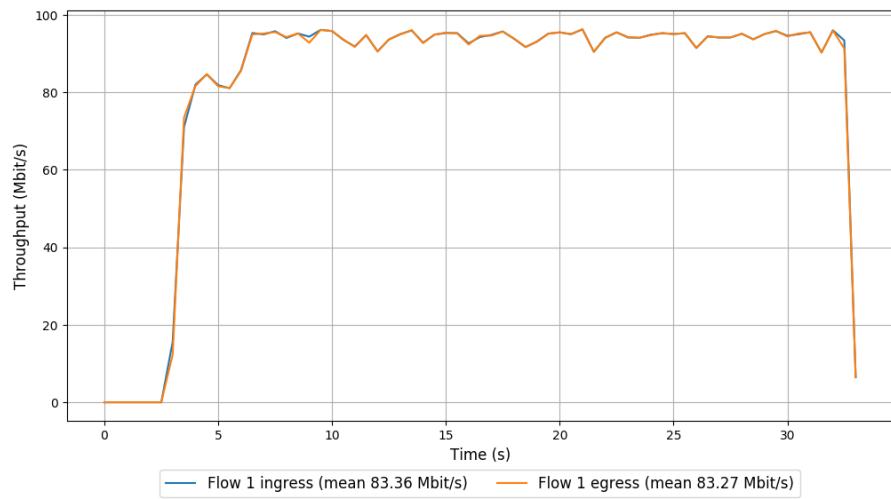


Run 3: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 05:10:05 +0000
End at: Tue, 04 Jul 2017 05:10:35 +0000
Local clock offset: -2.838 ms
Remote clock offset: 0.524 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:35:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.27 Mbit/s
95th percentile per-packet one-way delay: 6.042 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 83.27 Mbit/s
95th percentile per-packet one-way delay: 6.042 ms
Loss rate: 0.10%
```

Run 3: Report of PCC — Data Link

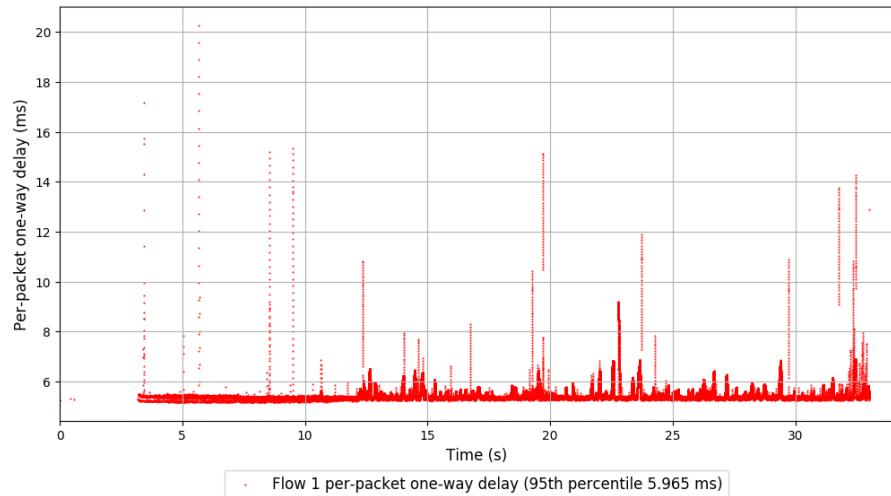
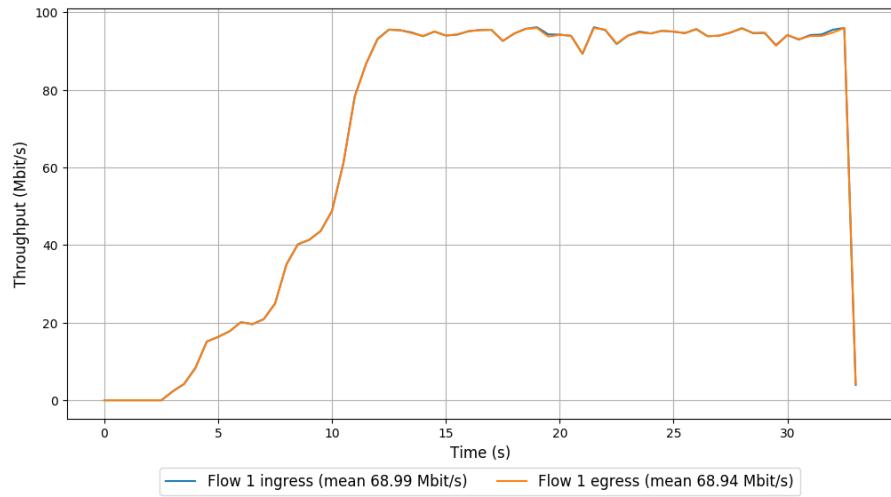


Run 4: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 05:27:04 +0000
End at: Tue, 04 Jul 2017 05:27:34 +0000
Local clock offset: -2.572 ms
Remote clock offset: 0.792 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:35:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.94 Mbit/s
95th percentile per-packet one-way delay: 5.965 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 68.94 Mbit/s
95th percentile per-packet one-way delay: 5.965 ms
Loss rate: 0.07%
```

Run 4: Report of PCC — Data Link

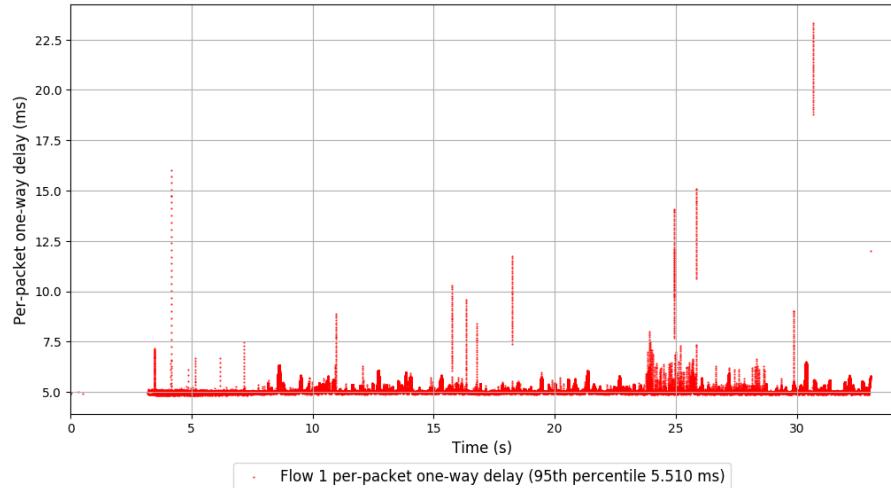
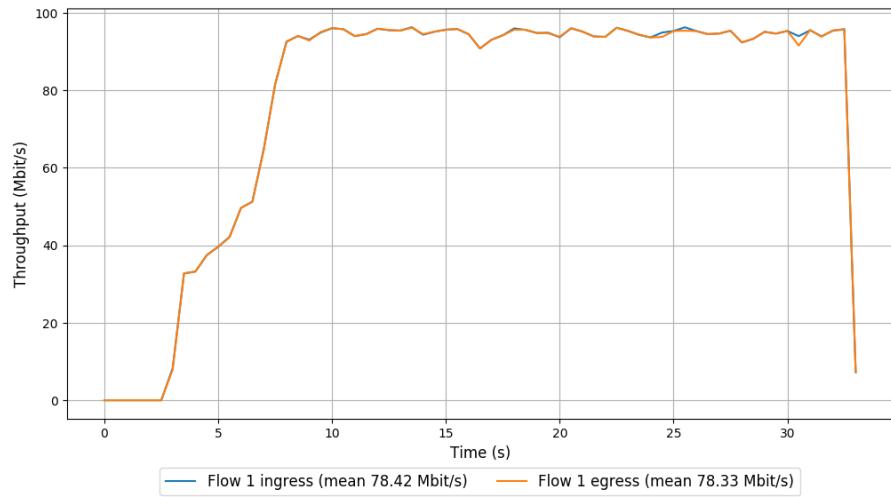


Run 5: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 05:44:05 +0000
End at: Tue, 04 Jul 2017 05:44:35 +0000
Local clock offset: -1.956 ms
Remote clock offset: 1.093 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:35:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.33 Mbit/s
95th percentile per-packet one-way delay: 5.510 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 78.33 Mbit/s
95th percentile per-packet one-way delay: 5.510 ms
Loss rate: 0.11%
```

Run 5: Report of PCC — Data Link

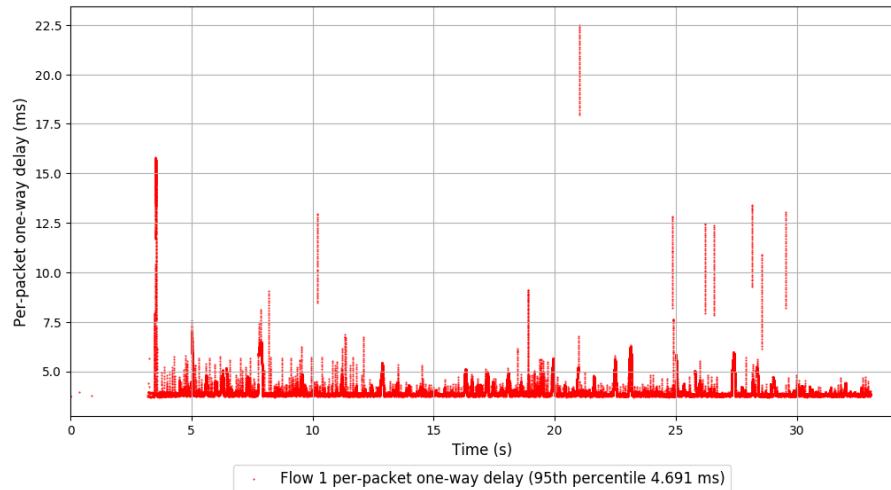
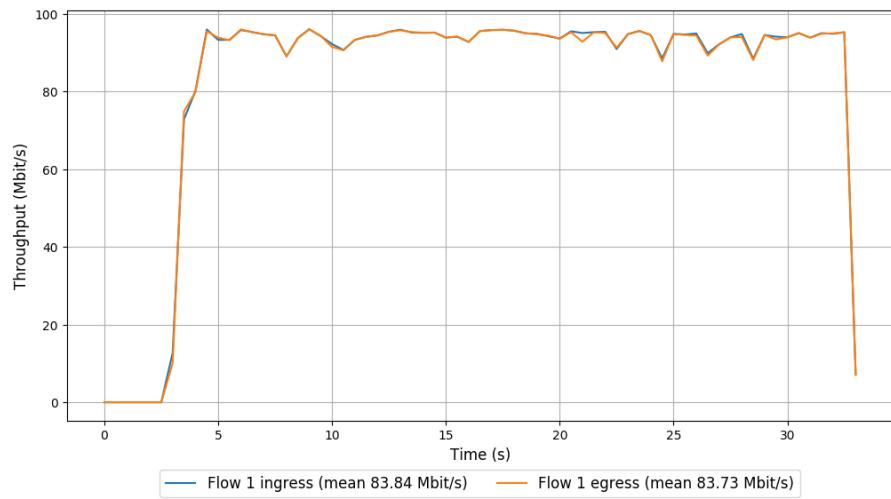


Run 6: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 06:01:05 +0000
End at: Tue, 04 Jul 2017 06:01:35 +0000
Local clock offset: -0.794 ms
Remote clock offset: 1.088 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:35:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.73 Mbit/s
95th percentile per-packet one-way delay: 4.691 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 83.73 Mbit/s
95th percentile per-packet one-way delay: 4.691 ms
Loss rate: 0.14%
```

Run 6: Report of PCC — Data Link

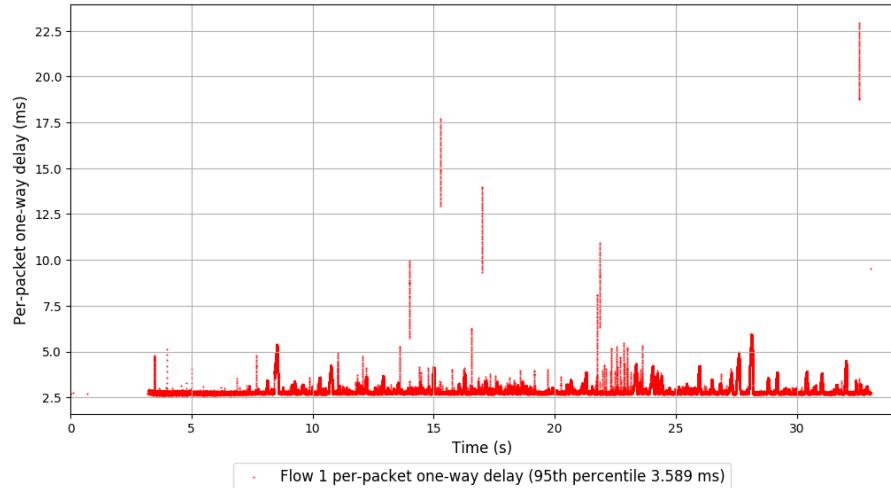
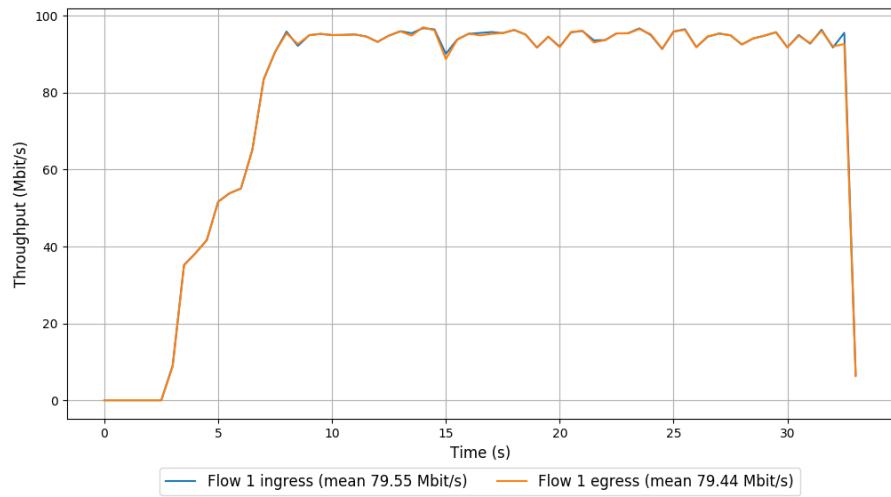


Run 7: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 06:18:06 +0000
End at: Tue, 04 Jul 2017 06:18:36 +0000
Local clock offset: 0.327 ms
Remote clock offset: 0.998 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:35:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.44 Mbit/s
95th percentile per-packet one-way delay: 3.589 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 79.44 Mbit/s
95th percentile per-packet one-way delay: 3.589 ms
Loss rate: 0.14%
```

Run 7: Report of PCC — Data Link

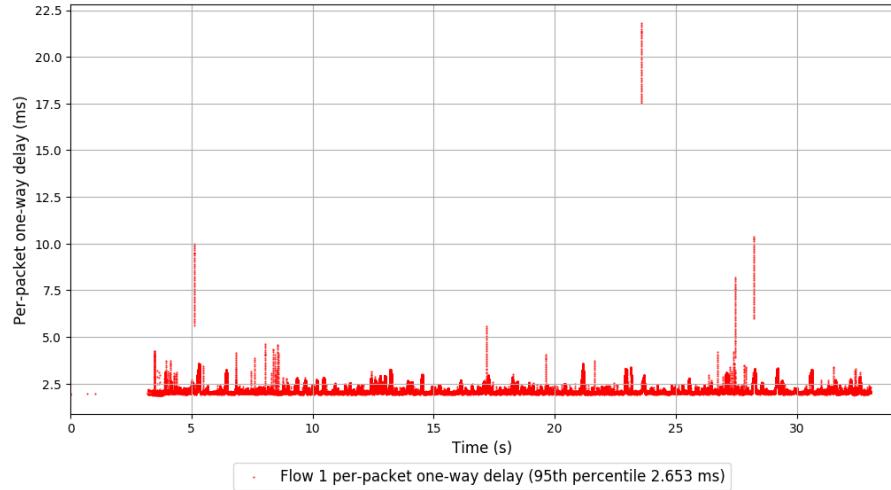
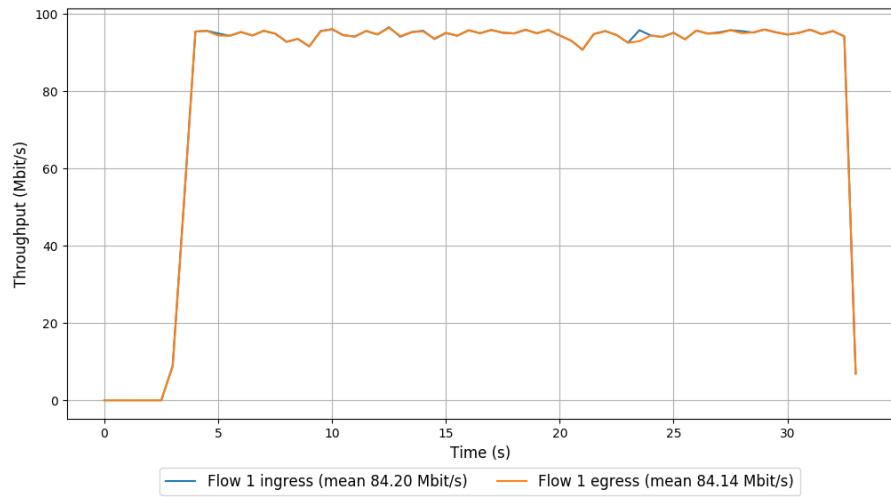


Run 8: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 06:35:05 +0000
End at: Tue, 04 Jul 2017 06:35:35 +0000
Local clock offset: 1.181 ms
Remote clock offset: 1.045 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:35:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.14 Mbit/s
95th percentile per-packet one-way delay: 2.653 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 84.14 Mbit/s
95th percentile per-packet one-way delay: 2.653 ms
Loss rate: 0.08%
```

Run 8: Report of PCC — Data Link

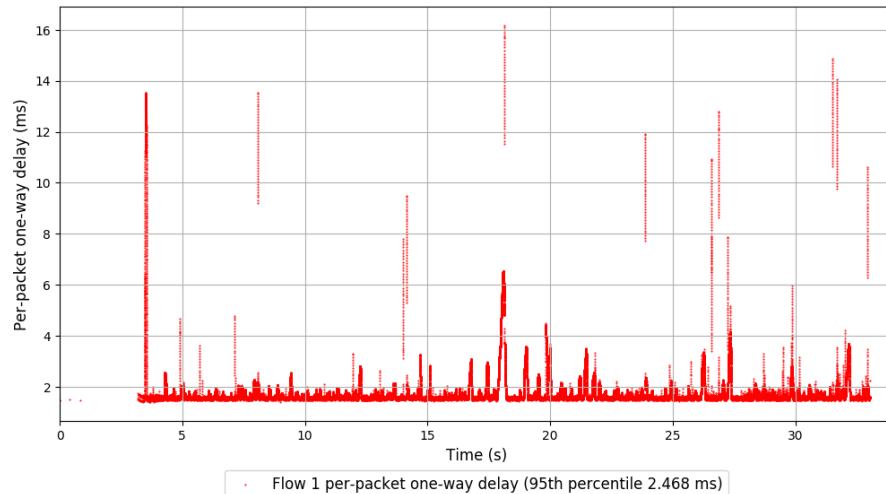
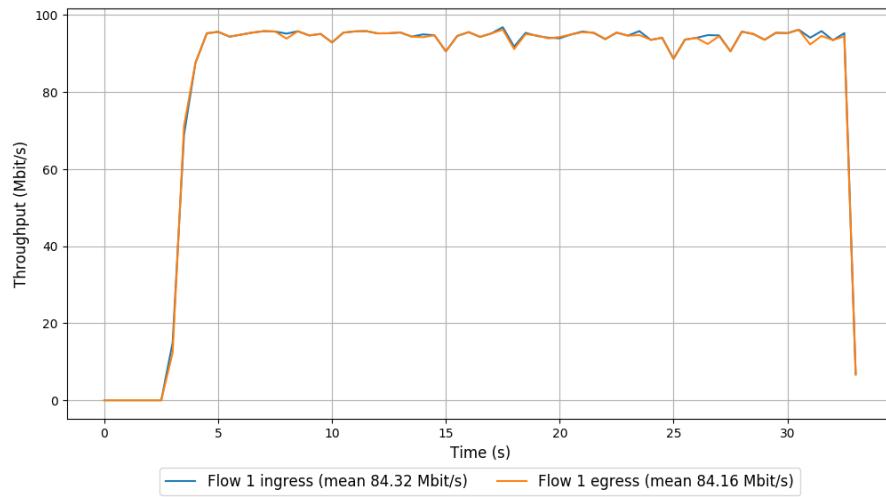


Run 9: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 06:52:05 +0000
End at: Tue, 04 Jul 2017 06:52:35 +0000
Local clock offset: 1.721 ms
Remote clock offset: 1.197 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:36:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.16 Mbit/s
95th percentile per-packet one-way delay: 2.468 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 84.16 Mbit/s
95th percentile per-packet one-way delay: 2.468 ms
Loss rate: 0.20%
```

Run 9: Report of PCC — Data Link

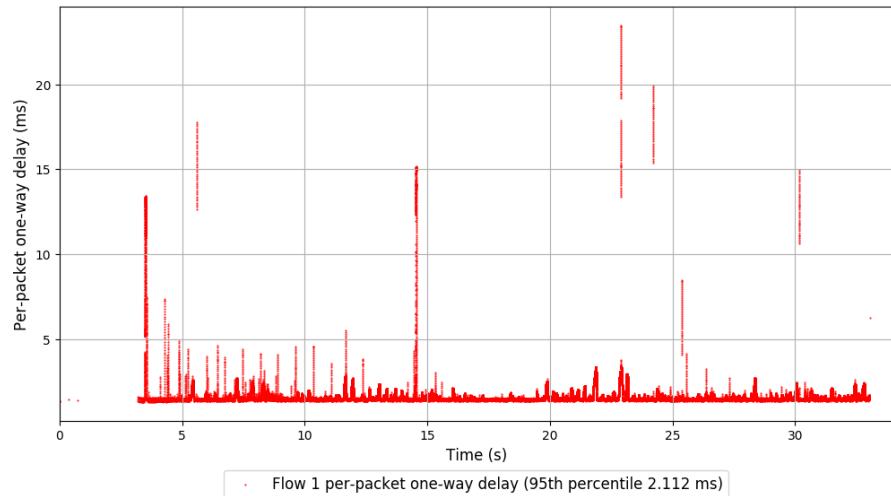
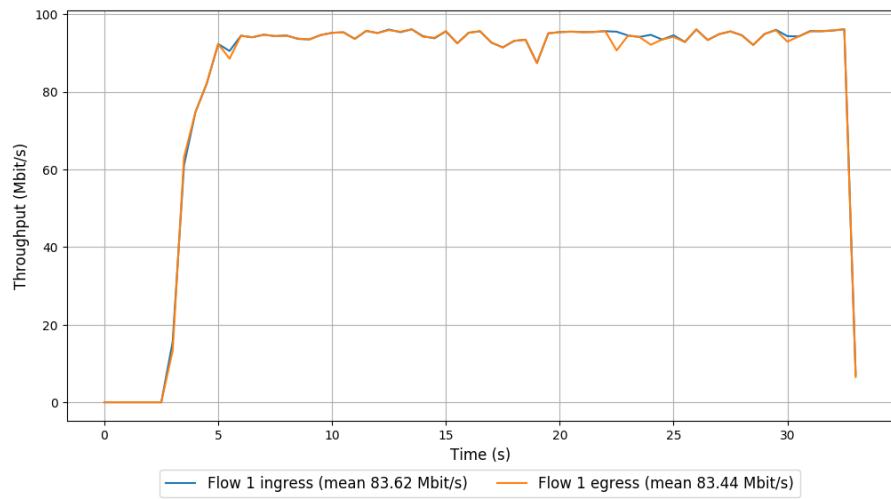


Run 10: Statistics of PCC

```
Start at: Tue, 04 Jul 2017 07:09:06 +0000
End at: Tue, 04 Jul 2017 07:09:36 +0000
Local clock offset: 2.02 ms
Remote clock offset: 1.395 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:36:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.44 Mbit/s
95th percentile per-packet one-way delay: 2.112 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 83.44 Mbit/s
95th percentile per-packet one-way delay: 2.112 ms
Loss rate: 0.22%
```

Run 10: Report of PCC — Data Link



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

```
Start at: Tue, 04 Jul 2017 04:28:22 +0000
```

```
End at: Tue, 04 Jul 2017 04:28:52 +0000
```

```
Local clock offset: -4.754 ms
```

```
Remote clock offset: -0.014 ms
```

```
# Below is generated by plot.py at Tue, 04 Jul 2017 08:36:08 +0000
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average throughput: 16.40 Mbit/s
```

```
95th percentile per-packet one-way delay: 8.621 ms
```

```
Loss rate: 0.19%
```

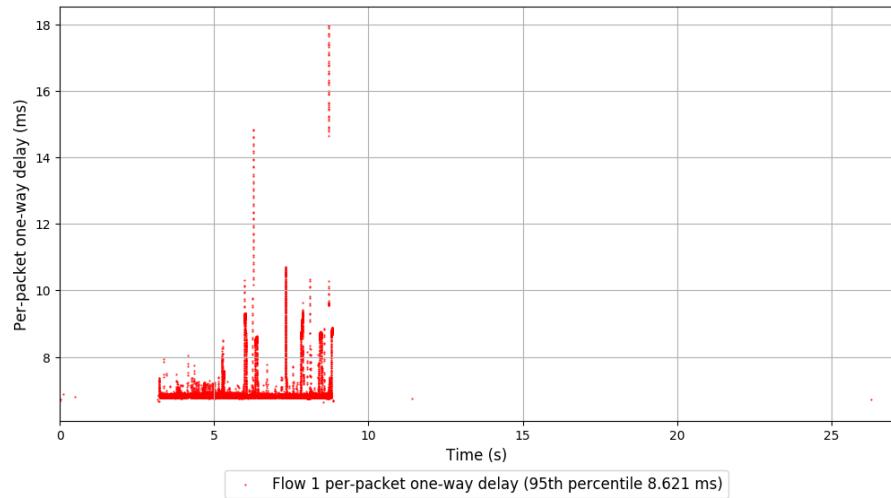
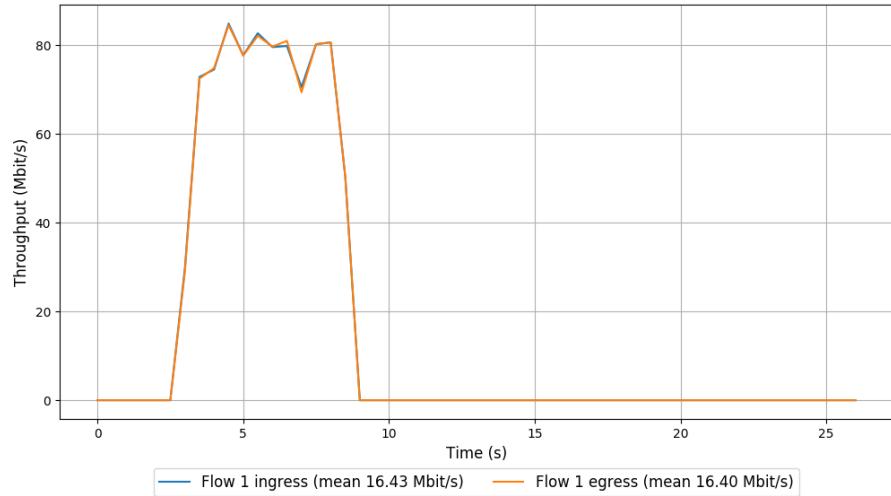
```
-- Flow 1:
```

```
Average throughput: 16.40 Mbit/s
```

```
95th percentile per-packet one-way delay: 8.621 ms
```

```
Loss rate: 0.19%
```

Run 1: Report of QUIC Cubic (toy) — Data Link

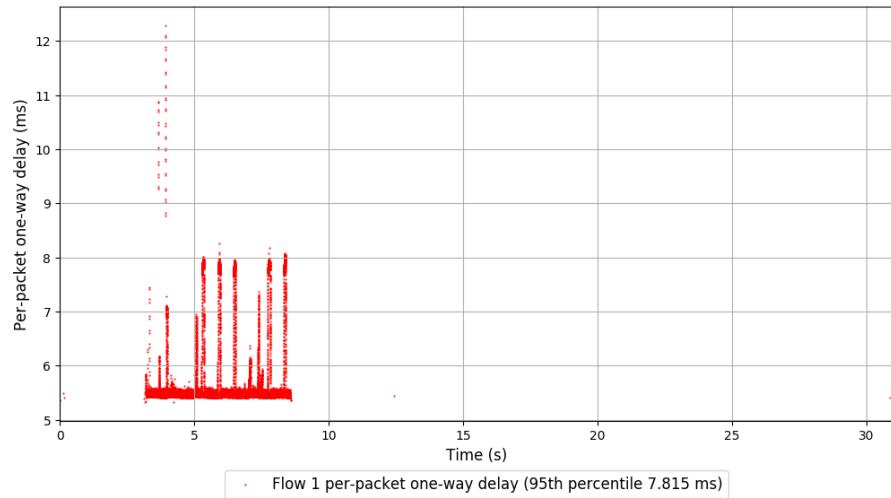
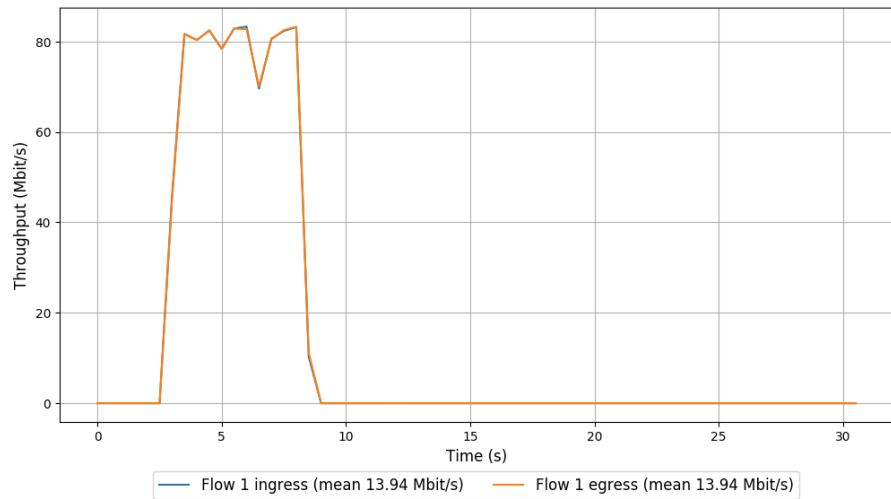


Run 2: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 04:45:14 +0000
End at: Tue, 04 Jul 2017 04:45:44 +0000
Local clock offset: -3.324 ms
Remote clock offset: 0.065 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:36:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.94 Mbit/s
95th percentile per-packet one-way delay: 7.815 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.94 Mbit/s
95th percentile per-packet one-way delay: 7.815 ms
Loss rate: 0.00%
```

Run 2: Report of QUIC Cubic (toy) — Data Link

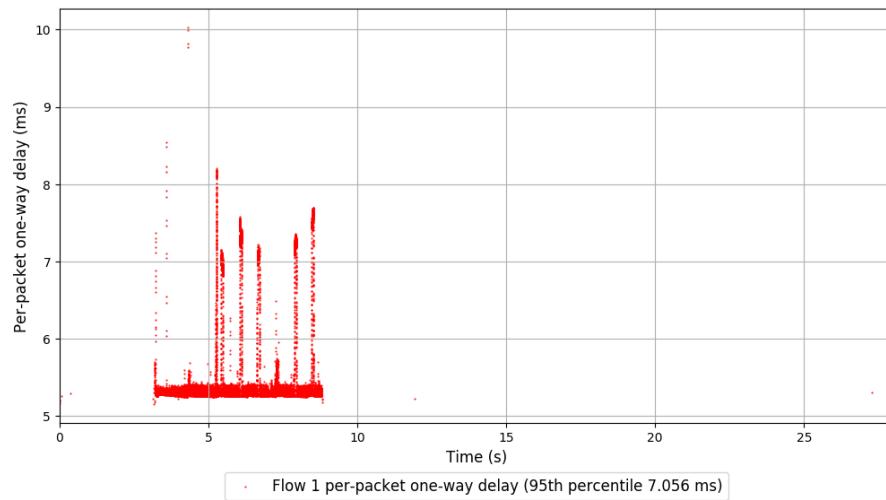
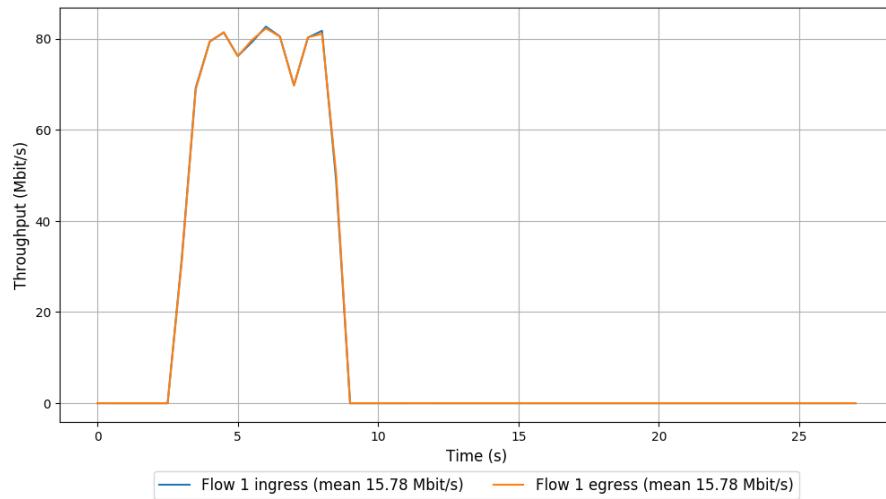


Run 3: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 05:02:19 +0000
End at: Tue, 04 Jul 2017 05:02:49 +0000
Local clock offset: -2.894 ms
Remote clock offset: 0.35 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:36:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.78 Mbit/s
95th percentile per-packet one-way delay: 7.056 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.78 Mbit/s
95th percentile per-packet one-way delay: 7.056 ms
Loss rate: 0.00%
```

Run 3: Report of QUIC Cubic (toy) — Data Link

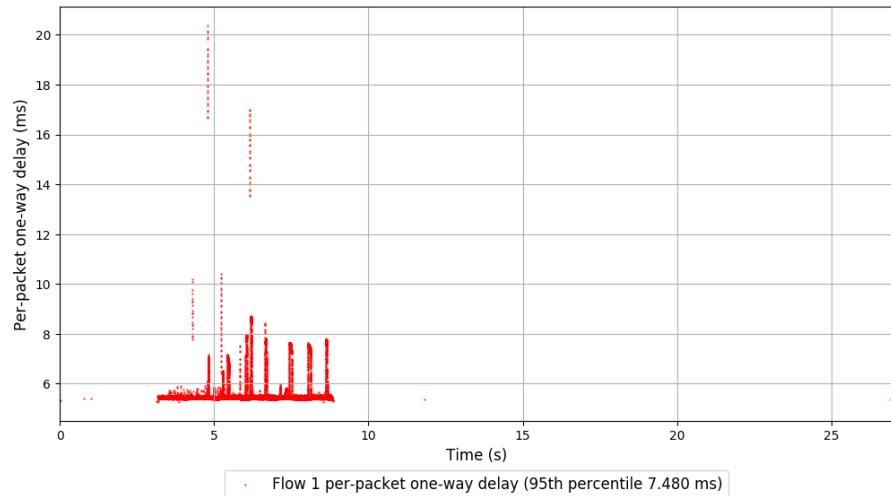
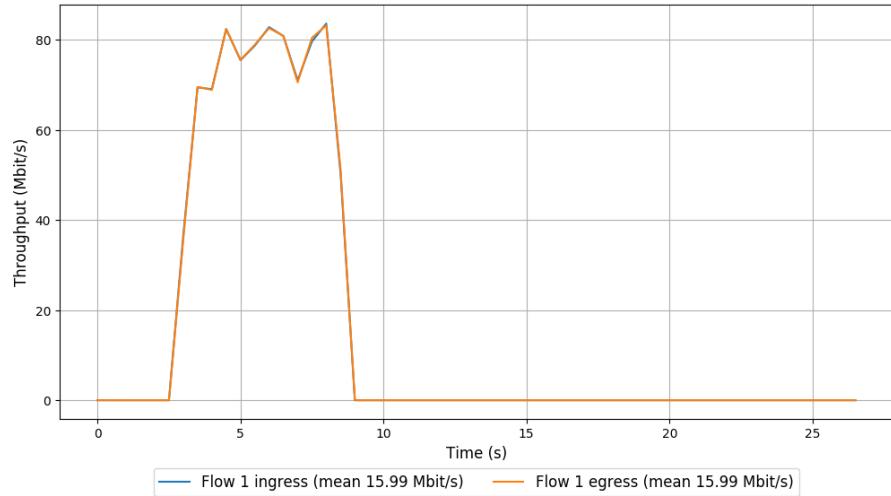


Run 4: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 05:19:09 +0000
End at: Tue, 04 Jul 2017 05:19:39 +0000
Local clock offset: -2.618 ms
Remote clock offset: 0.695 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:36:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.99 Mbit/s
95th percentile per-packet one-way delay: 7.480 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.99 Mbit/s
95th percentile per-packet one-way delay: 7.480 ms
Loss rate: 0.00%
```

Run 4: Report of QUIC Cubic (toy) — Data Link

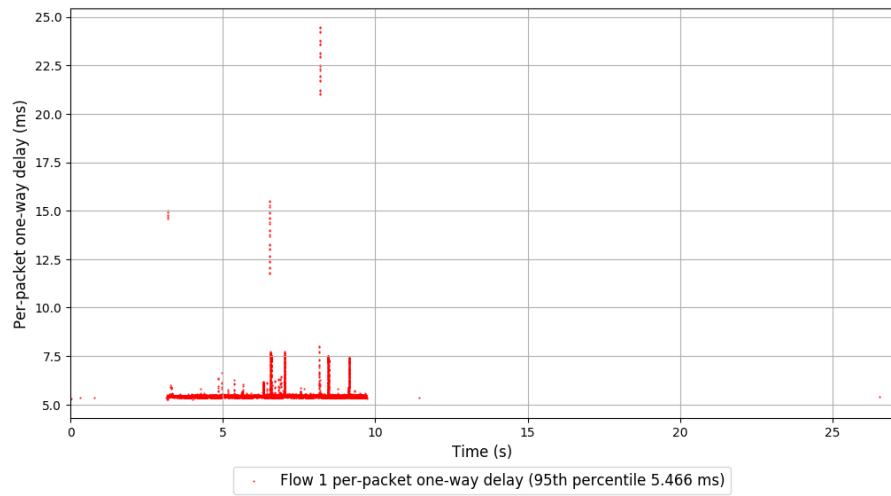
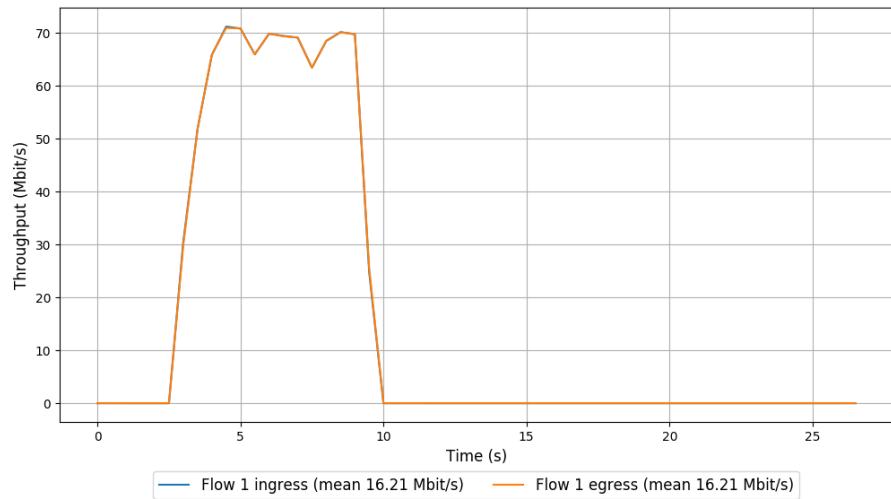


Run 5: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 05:36:10 +0000
End at: Tue, 04 Jul 2017 05:36:40 +0000
Local clock offset: -2.317 ms
Remote clock offset: 0.935 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:36:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.21 Mbit/s
95th percentile per-packet one-way delay: 5.466 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.21 Mbit/s
95th percentile per-packet one-way delay: 5.466 ms
Loss rate: 0.00%
```

Run 5: Report of QUIC Cubic (toy) — Data Link

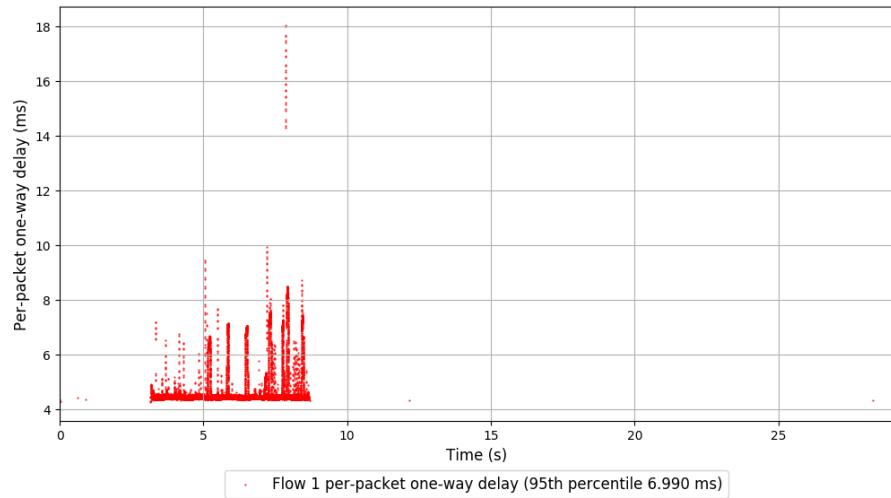
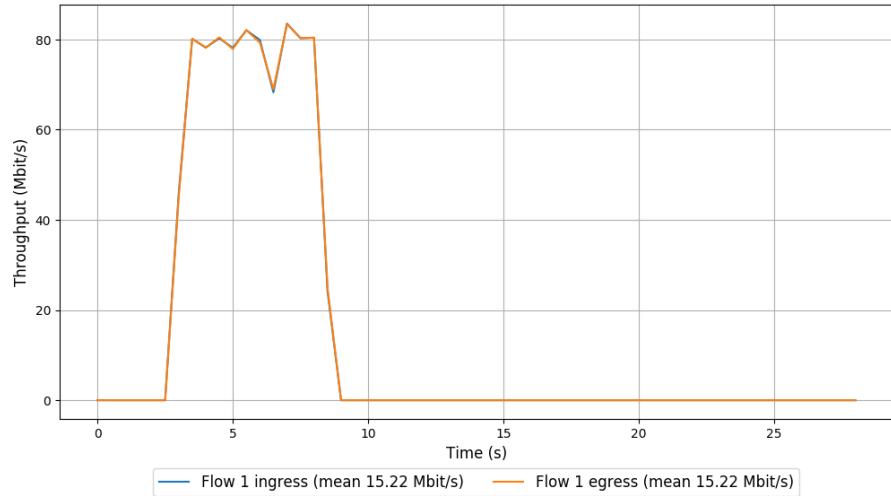


Run 6: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 05:53:09 +0000
End at: Tue, 04 Jul 2017 05:53:39 +0000
Local clock offset: -1.26 ms
Remote clock offset: 1.079 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:36:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.22 Mbit/s
95th percentile per-packet one-way delay: 6.990 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.22 Mbit/s
95th percentile per-packet one-way delay: 6.990 ms
Loss rate: 0.00%
```

Run 6: Report of QUIC Cubic (toy) — Data Link

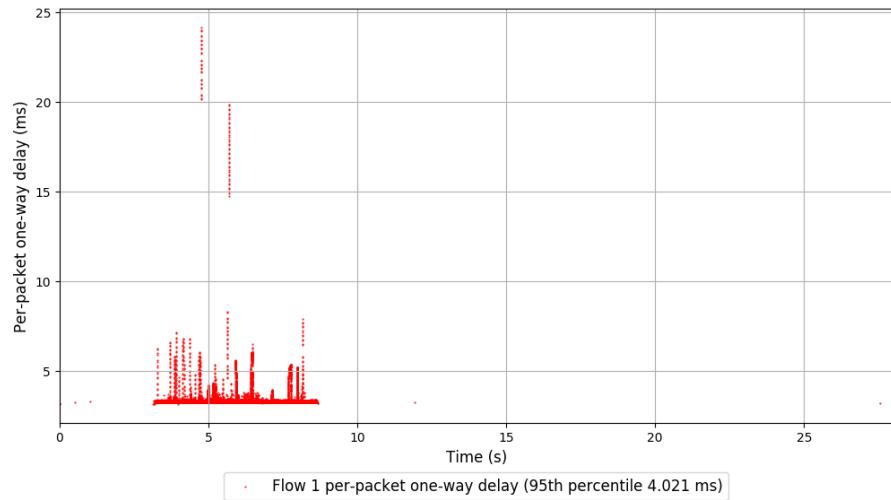
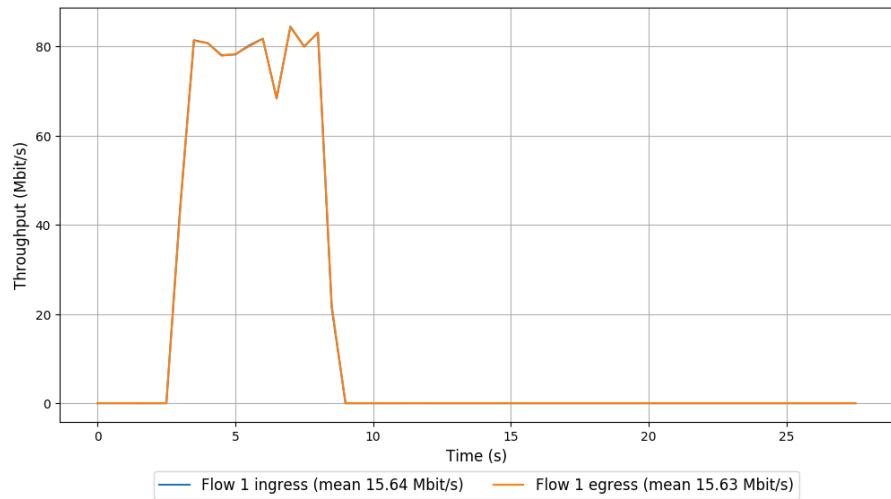


Run 7: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 06:10:10 +0000
End at: Tue, 04 Jul 2017 06:10:40 +0000
Local clock offset: -0.123 ms
Remote clock offset: 0.963 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:36:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.63 Mbit/s
95th percentile per-packet one-way delay: 4.021 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 15.63 Mbit/s
95th percentile per-packet one-way delay: 4.021 ms
Loss rate: 0.03%
```

Run 7: Report of QUIC Cubic (toy) — Data Link

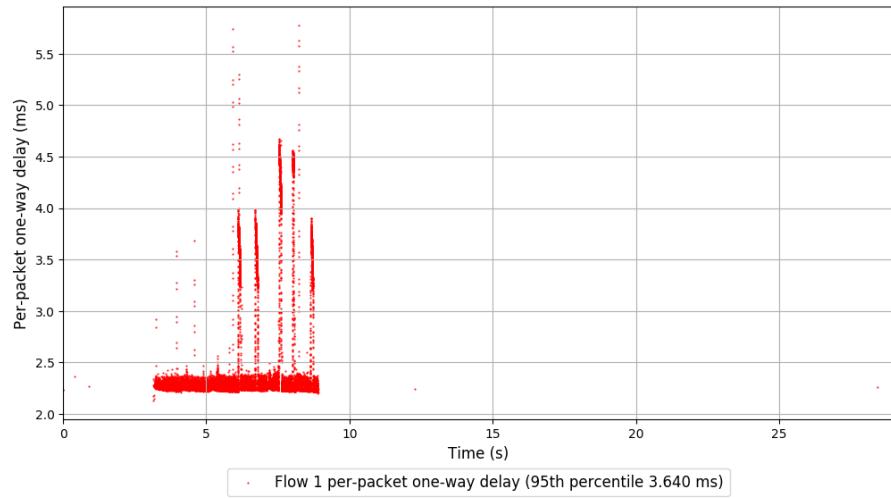
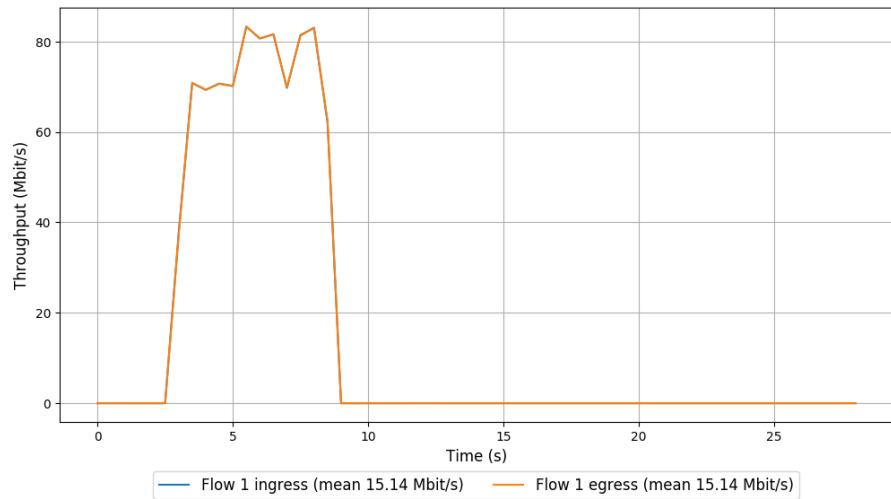


Run 8: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 06:27:11 +0000
End at: Tue, 04 Jul 2017 06:27:41 +0000
Local clock offset: 0.82 ms
Remote clock offset: 1.0 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:36:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.14 Mbit/s
95th percentile per-packet one-way delay: 3.640 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.14 Mbit/s
95th percentile per-packet one-way delay: 3.640 ms
Loss rate: 0.00%
```

Run 8: Report of QUIC Cubic (toy) — Data Link

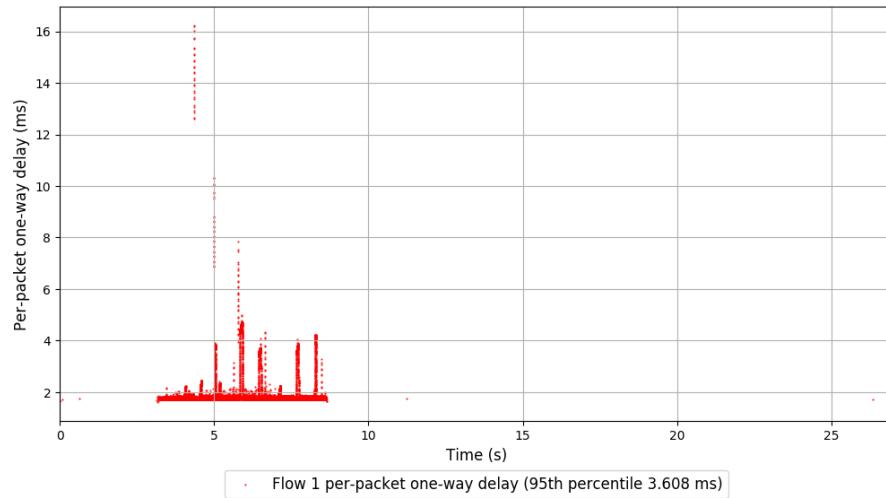
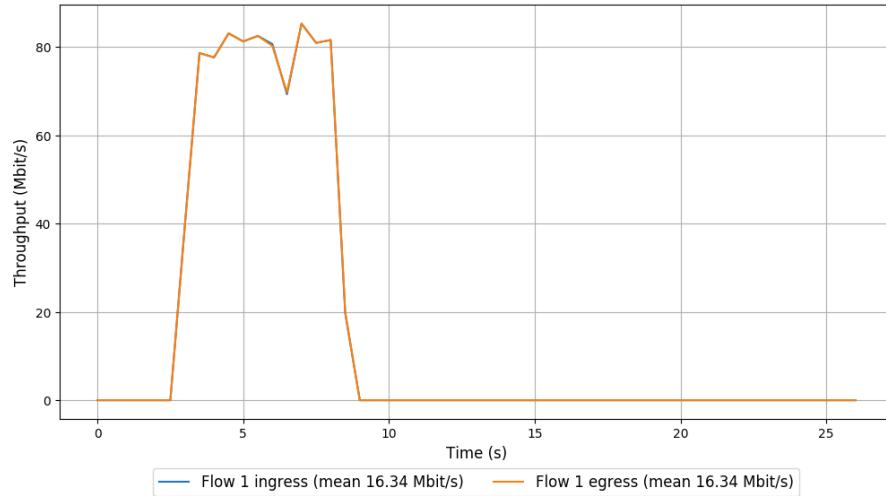


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 06:44:10 +0000
End at: Tue, 04 Jul 2017 06:44:40 +0000
Local clock offset: 1.536 ms
Remote clock offset: 1.067 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:36:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.34 Mbit/s
95th percentile per-packet one-way delay: 3.608 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.34 Mbit/s
95th percentile per-packet one-way delay: 3.608 ms
Loss rate: 0.00%
```

Run 9: Report of QUIC Cubic (toy) — Data Link

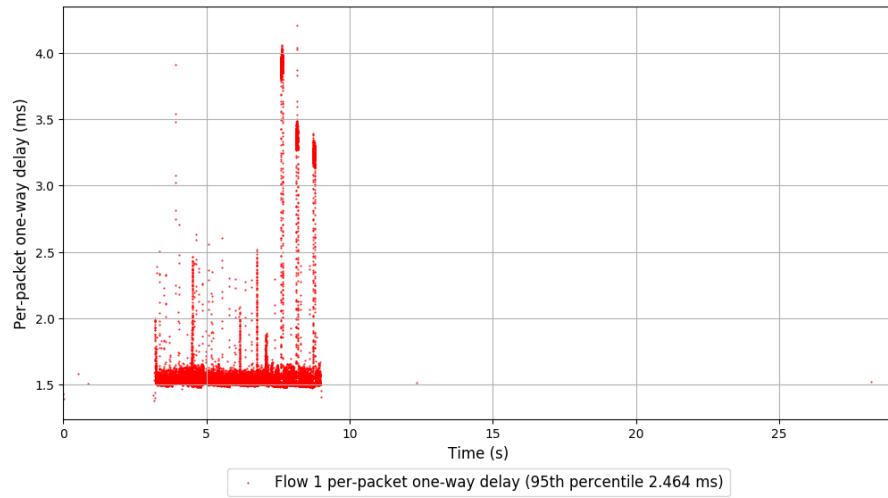
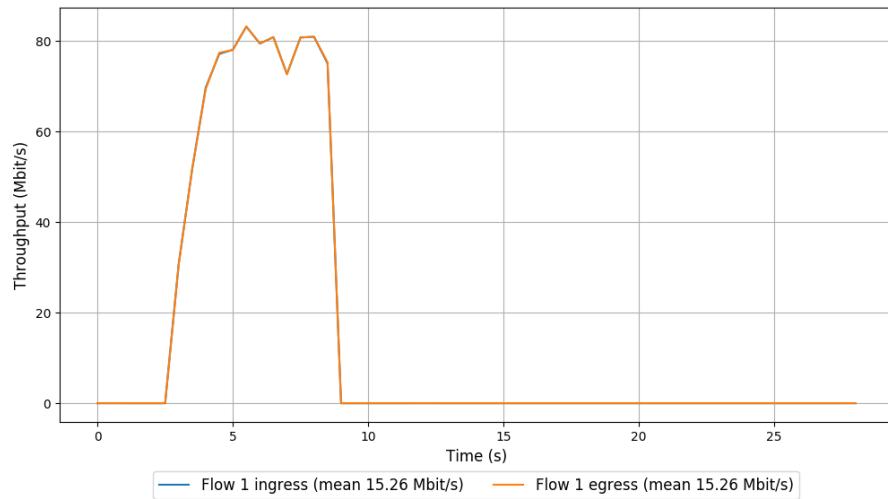


Run 10: Statistics of QUIC Cubic (toy)

```
Start at: Tue, 04 Jul 2017 07:01:11 +0000
End at: Tue, 04 Jul 2017 07:01:41 +0000
Local clock offset: 1.875 ms
Remote clock offset: 1.284 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:36:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.26 Mbit/s
95th percentile per-packet one-way delay: 2.464 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.26 Mbit/s
95th percentile per-packet one-way delay: 2.464 ms
Loss rate: 0.00%
```

Run 10: Report of QUIC Cubic (toy) — Data Link

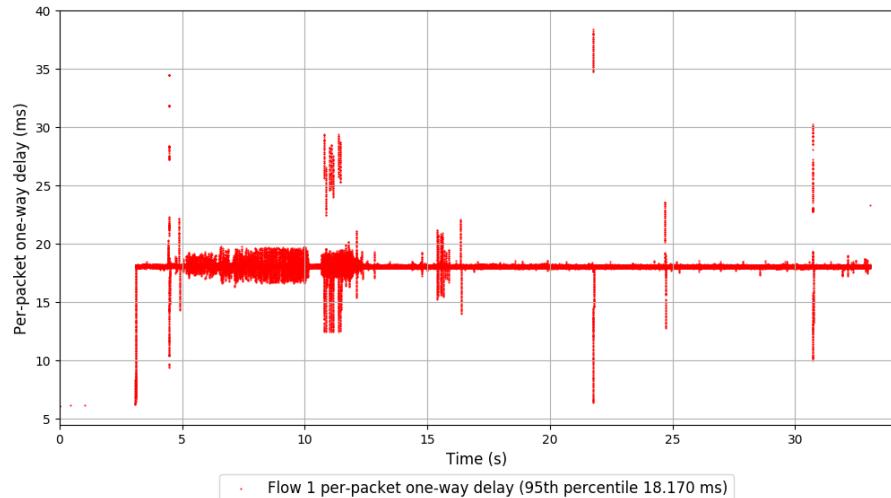
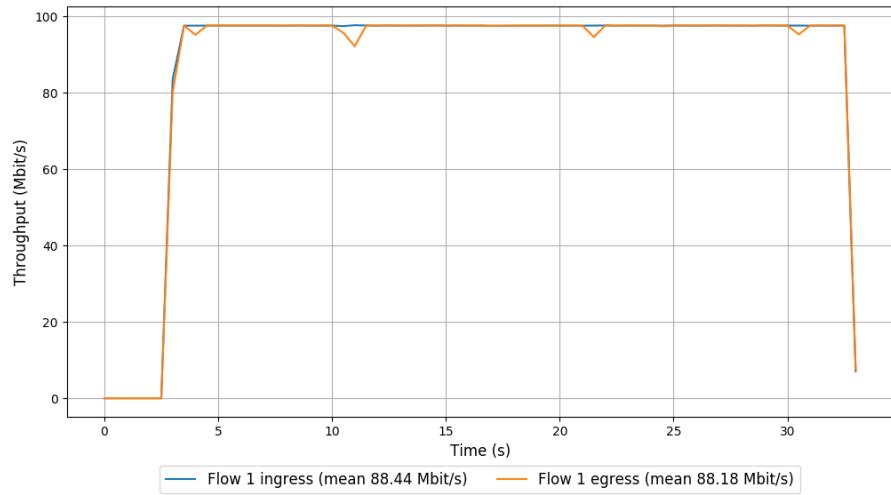


Run 1: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 04:34:58 +0000
End at: Tue, 04 Jul 2017 04:35:28 +0000
Local clock offset: -4.178 ms
Remote clock offset: -0.038 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:36:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.18 Mbit/s
95th percentile per-packet one-way delay: 18.170 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 88.18 Mbit/s
95th percentile per-packet one-way delay: 18.170 ms
Loss rate: 0.31%
```

Run 1: Report of Saturator — Data Link

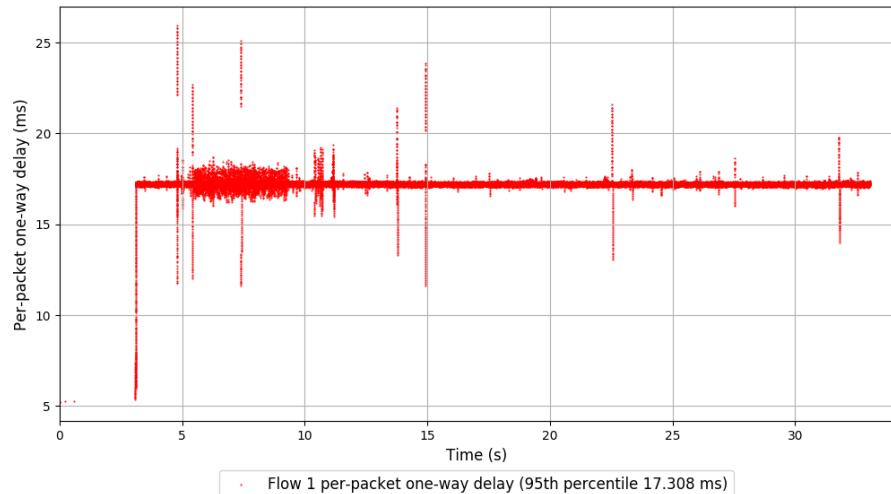
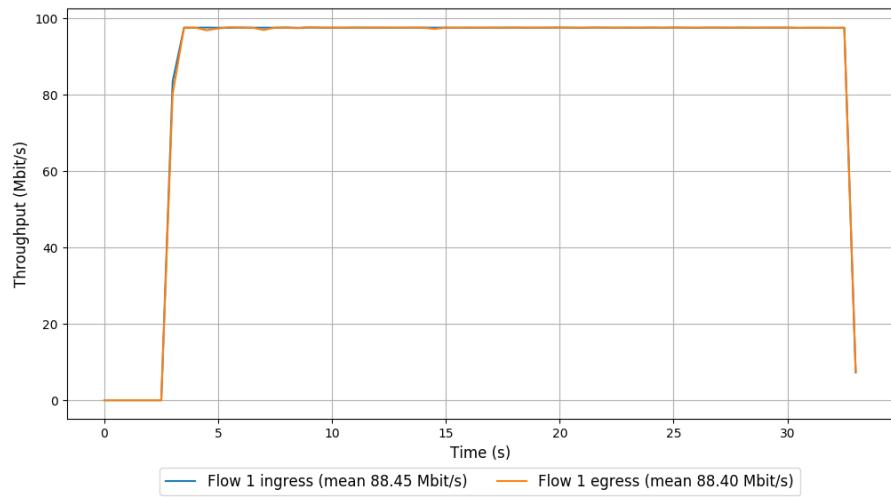


Run 2: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 04:51:58 +0000
End at: Tue, 04 Jul 2017 04:52:28 +0000
Local clock offset: -3.056 ms
Remote clock offset: 0.165 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:36:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.40 Mbit/s
95th percentile per-packet one-way delay: 17.308 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 88.40 Mbit/s
95th percentile per-packet one-way delay: 17.308 ms
Loss rate: 0.08%
```

Run 2: Report of Saturator — Data Link

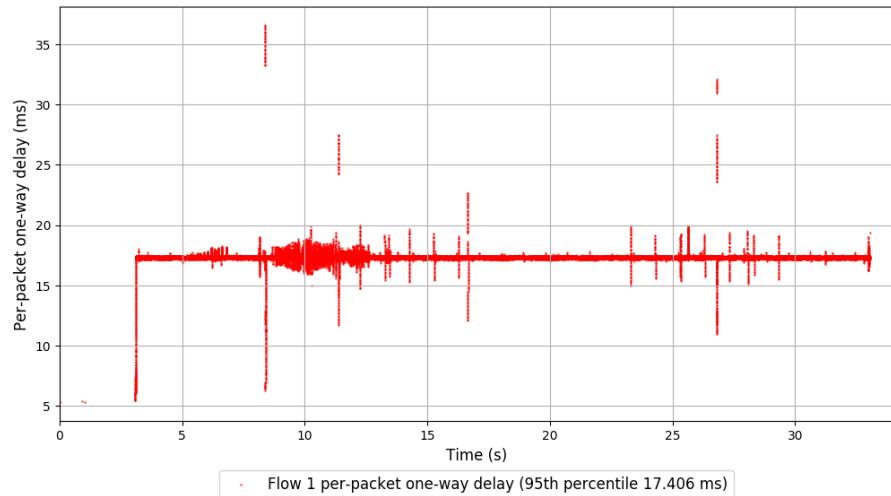
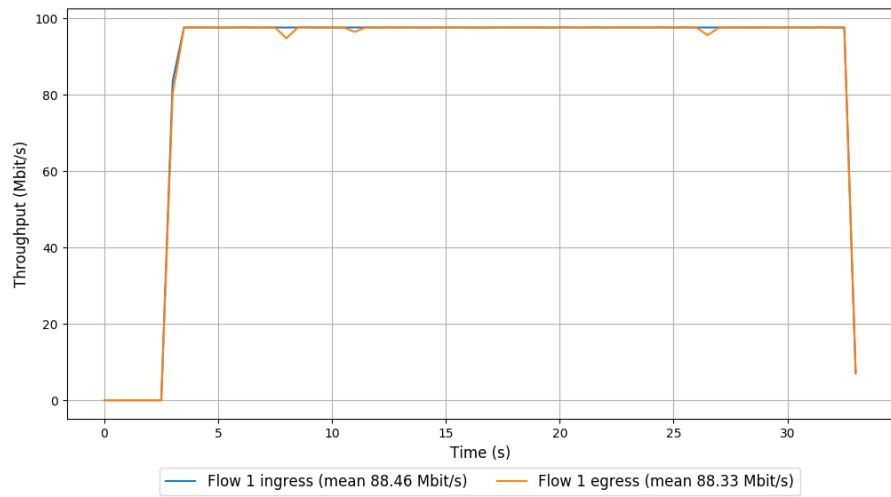


Run 3: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 05:08:54 +0000
End at: Tue, 04 Jul 2017 05:09:24 +0000
Local clock offset: -2.761 ms
Remote clock offset: 0.49 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:36:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.33 Mbit/s
95th percentile per-packet one-way delay: 17.406 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 88.33 Mbit/s
95th percentile per-packet one-way delay: 17.406 ms
Loss rate: 0.16%
```

Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

Start at: Tue, 04 Jul 2017 05:25:53 +0000

End at: Tue, 04 Jul 2017 05:26:23 +0000

Local clock offset: -2.536 ms

Remote clock offset: 0.749 ms

Below is generated by plot.py at Tue, 04 Jul 2017 08:36:48 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.33 Mbit/s

95th percentile per-packet one-way delay: 17.364 ms

Loss rate: 0.13%

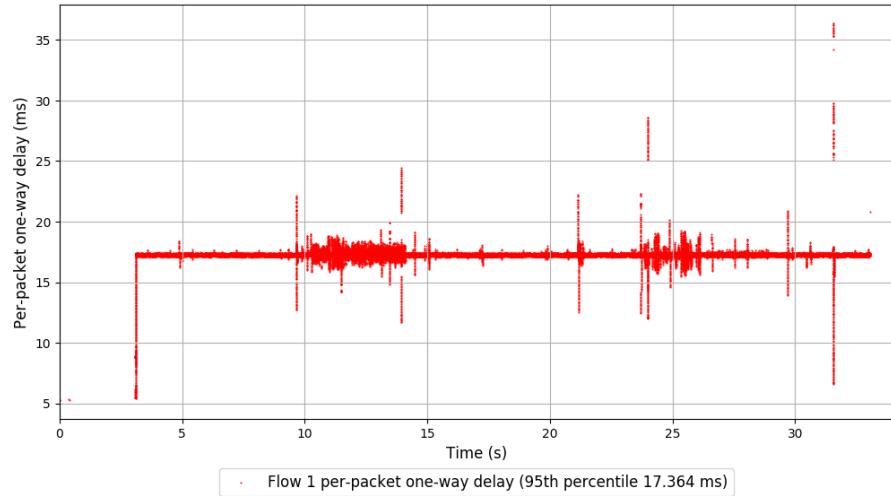
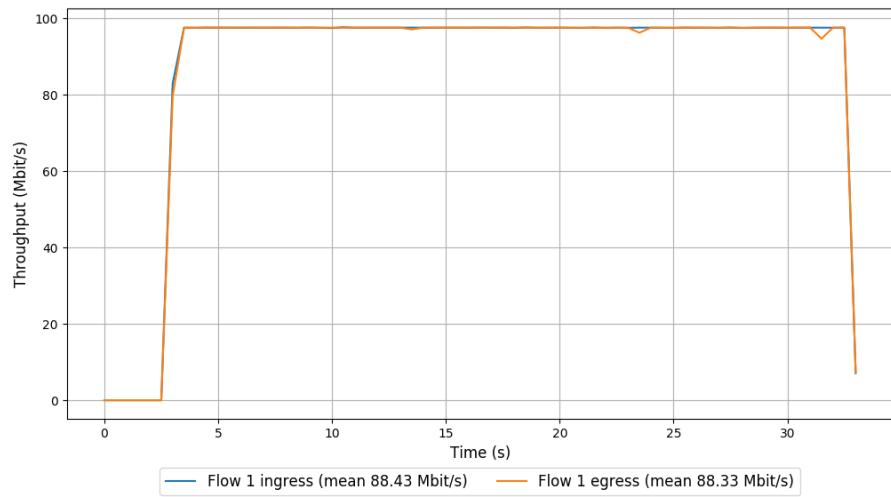
-- Flow 1:

Average throughput: 88.33 Mbit/s

95th percentile per-packet one-way delay: 17.364 ms

Loss rate: 0.13%

Run 4: Report of Saturator — Data Link

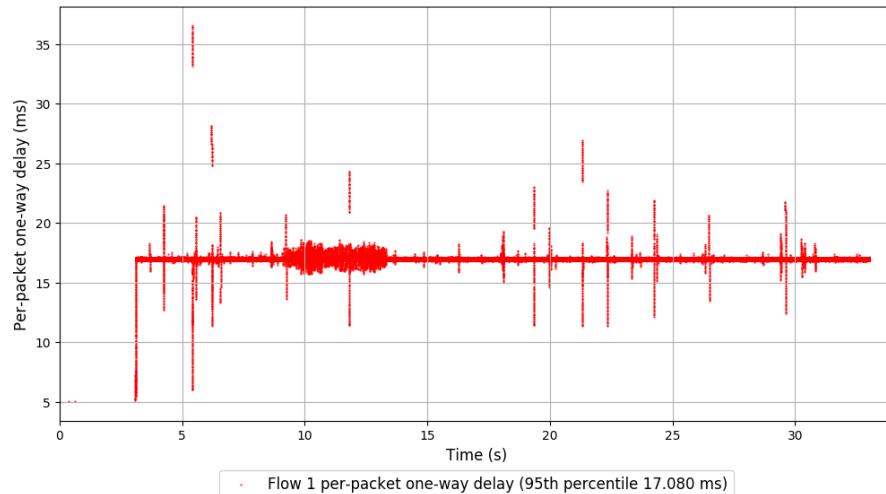
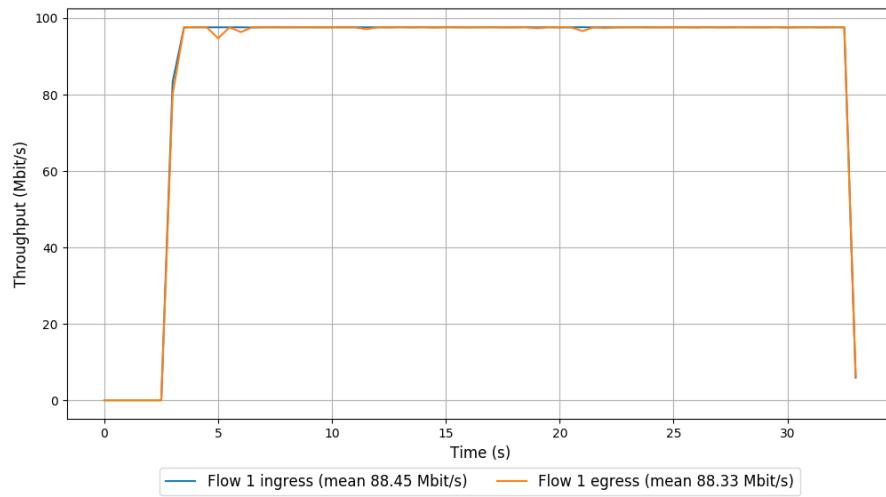


Run 5: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 05:42:54 +0000
End at: Tue, 04 Jul 2017 05:43:24 +0000
Local clock offset: -1.95 ms
Remote clock offset: 1.082 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:37:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.33 Mbit/s
95th percentile per-packet one-way delay: 17.080 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 88.33 Mbit/s
95th percentile per-packet one-way delay: 17.080 ms
Loss rate: 0.16%
```

Run 5: Report of Saturator — Data Link

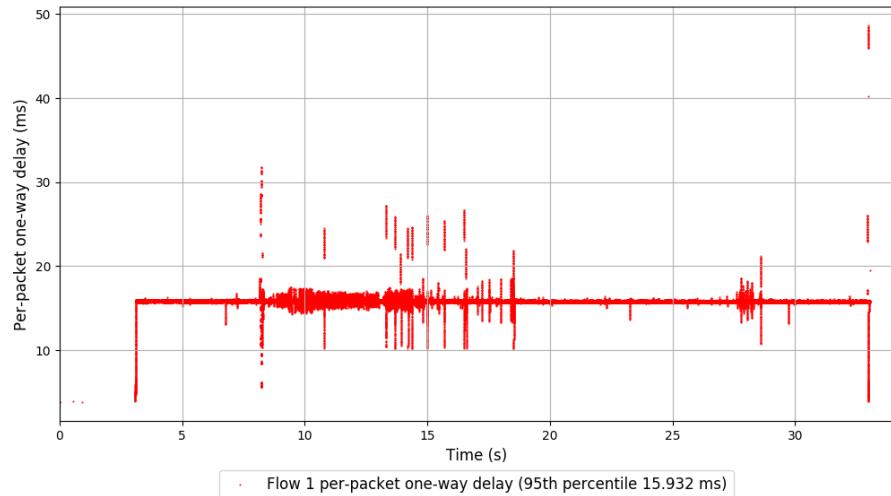
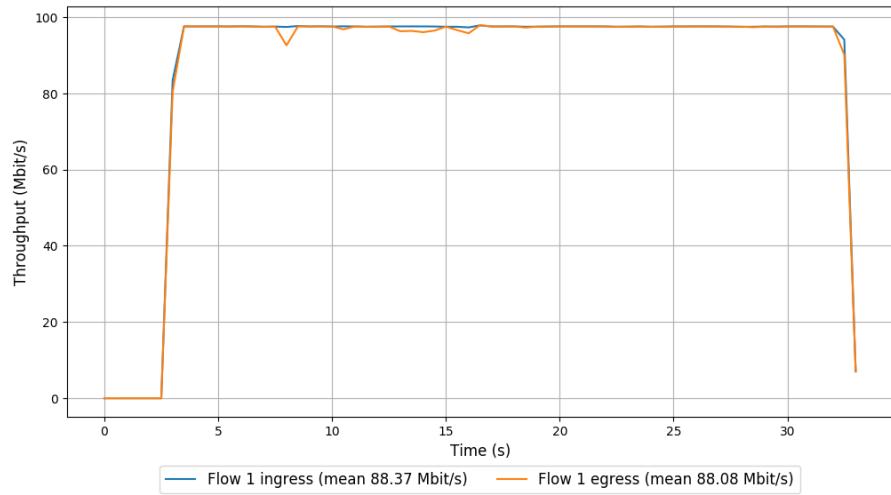


Run 6: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 05:59:54 +0000
End at: Tue, 04 Jul 2017 06:00:24 +0000
Local clock offset: -0.86 ms
Remote clock offset: 1.081 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:37:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.08 Mbit/s
95th percentile per-packet one-way delay: 15.932 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 88.08 Mbit/s
95th percentile per-packet one-way delay: 15.932 ms
Loss rate: 0.35%
```

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Tue, 04 Jul 2017 06:16:55 +0000

End at: Tue, 04 Jul 2017 06:17:25 +0000

Local clock offset: 0.26 ms

Remote clock offset: 1.005 ms

Below is generated by plot.py at Tue, 04 Jul 2017 08:37:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.18 Mbit/s

95th percentile per-packet one-way delay: 14.803 ms

Loss rate: 0.29%

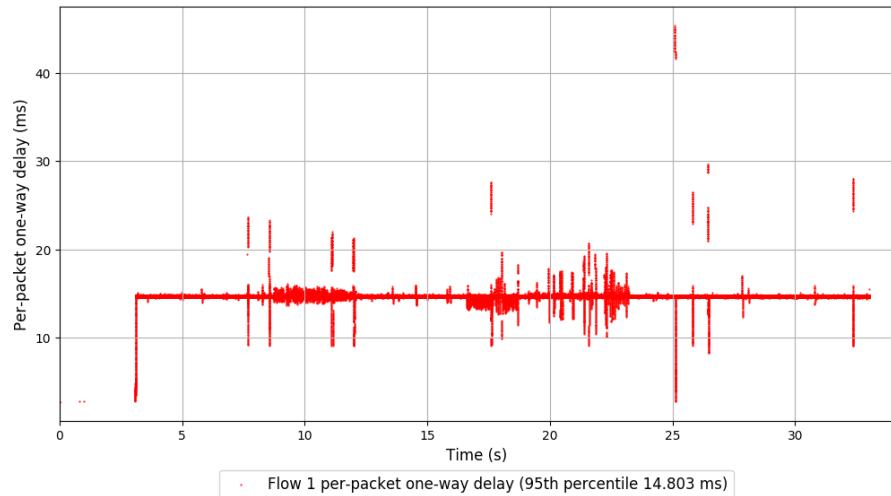
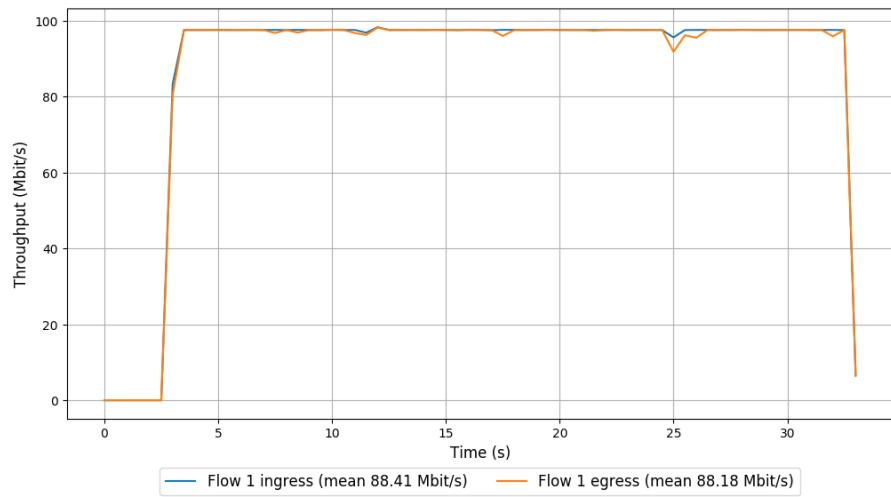
-- Flow 1:

Average throughput: 88.18 Mbit/s

95th percentile per-packet one-way delay: 14.803 ms

Loss rate: 0.29%

Run 7: Report of Saturator — Data Link

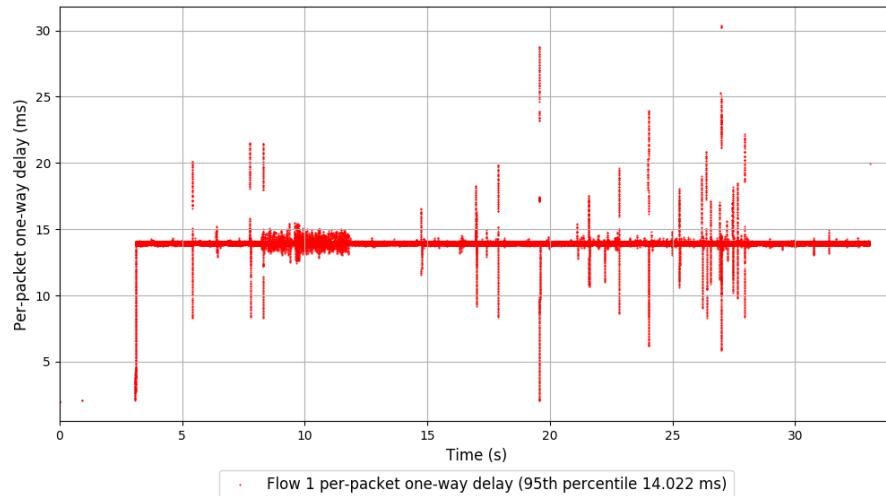
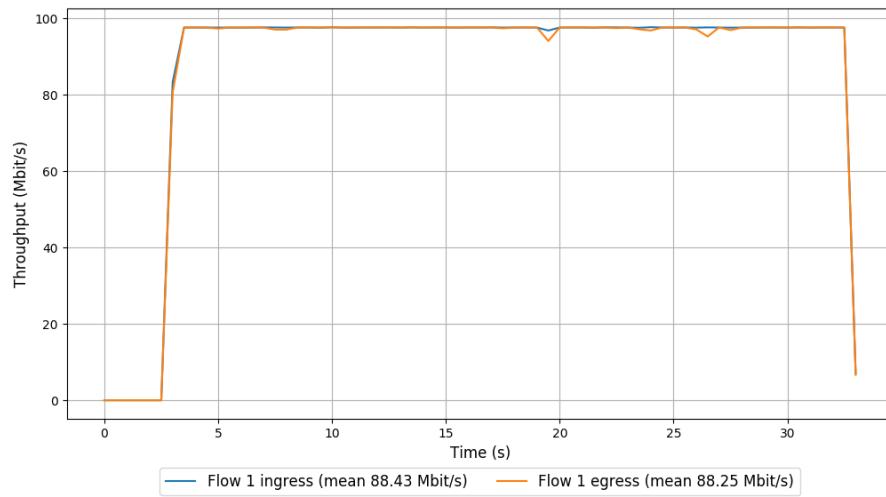


Run 8: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 06:33:55 +0000
End at: Tue, 04 Jul 2017 06:34:25 +0000
Local clock offset: 1.209 ms
Remote clock offset: 1.119 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:37:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.25 Mbit/s
95th percentile per-packet one-way delay: 14.022 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 88.25 Mbit/s
95th percentile per-packet one-way delay: 14.022 ms
Loss rate: 0.21%
```

Run 8: Report of Saturator — Data Link

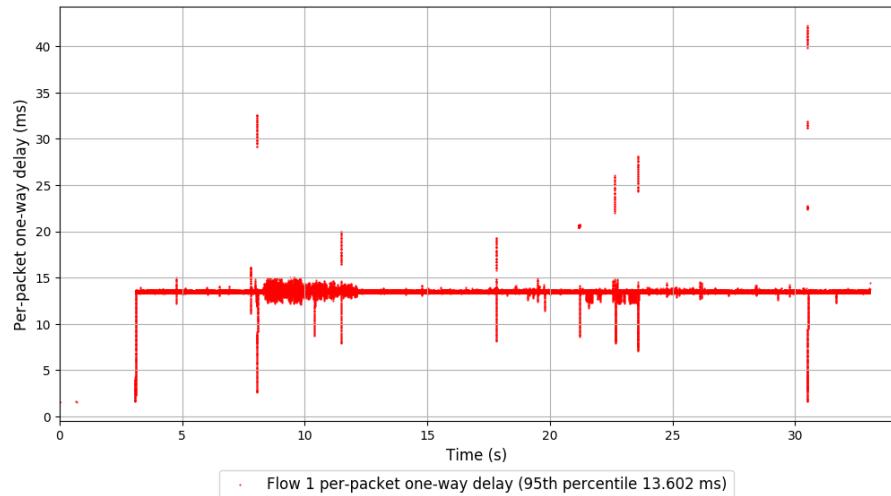
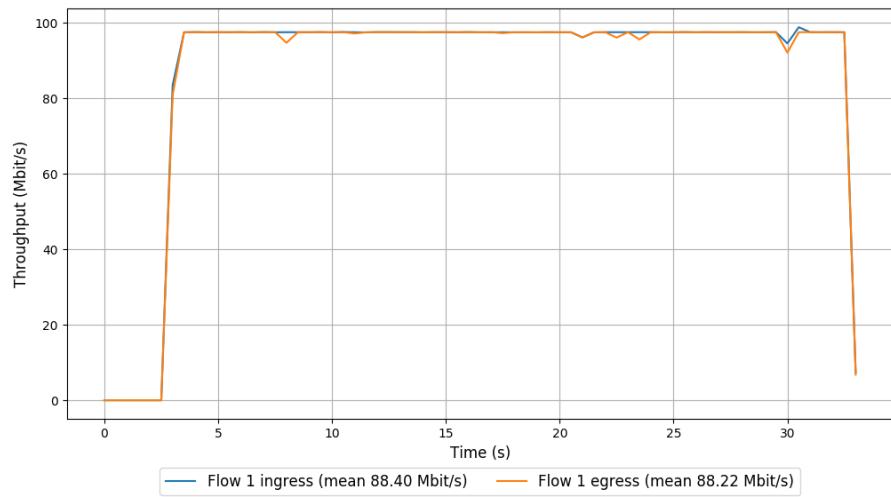


Run 9: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 06:50:55 +0000
End at: Tue, 04 Jul 2017 06:51:25 +0000
Local clock offset: 1.64 ms
Remote clock offset: 1.143 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:37:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.22 Mbit/s
95th percentile per-packet one-way delay: 13.602 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 88.22 Mbit/s
95th percentile per-packet one-way delay: 13.602 ms
Loss rate: 0.23%
```

Run 9: Report of Saturator — Data Link

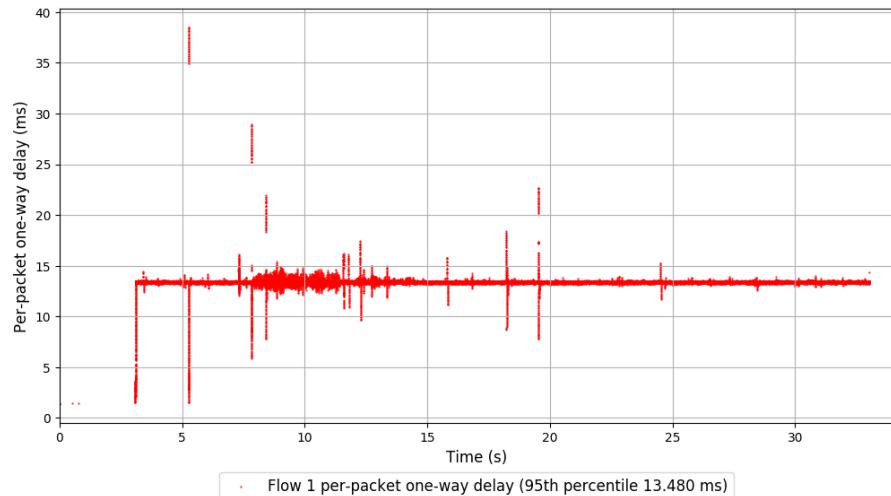
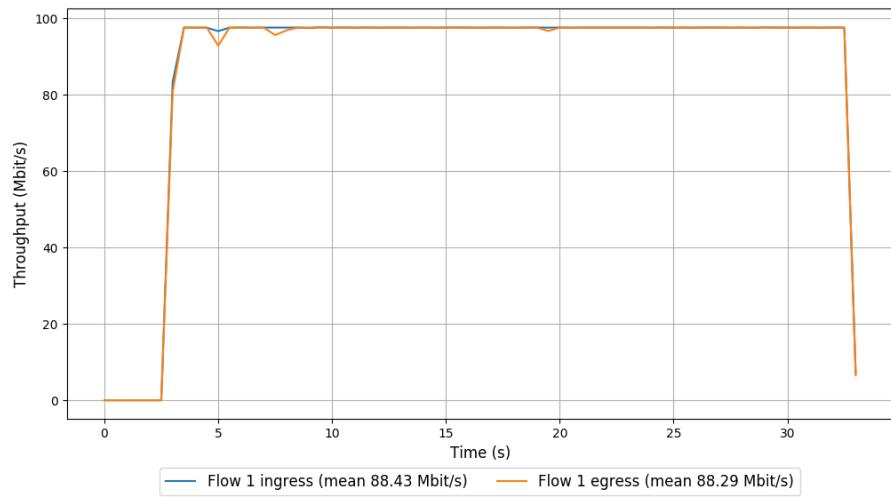


Run 10: Statistics of Saturator

```
Start at: Tue, 04 Jul 2017 07:07:55 +0000
End at: Tue, 04 Jul 2017 07:08:25 +0000
Local clock offset: 1.994 ms
Remote clock offset: 1.409 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:37:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.29 Mbit/s
95th percentile per-packet one-way delay: 13.480 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 88.29 Mbit/s
95th percentile per-packet one-way delay: 13.480 ms
Loss rate: 0.18%
```

Run 10: Report of Saturator — Data Link

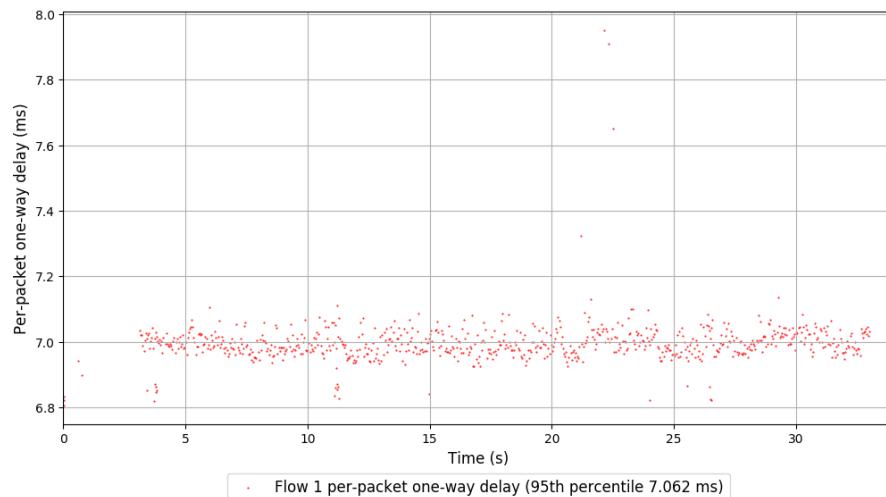
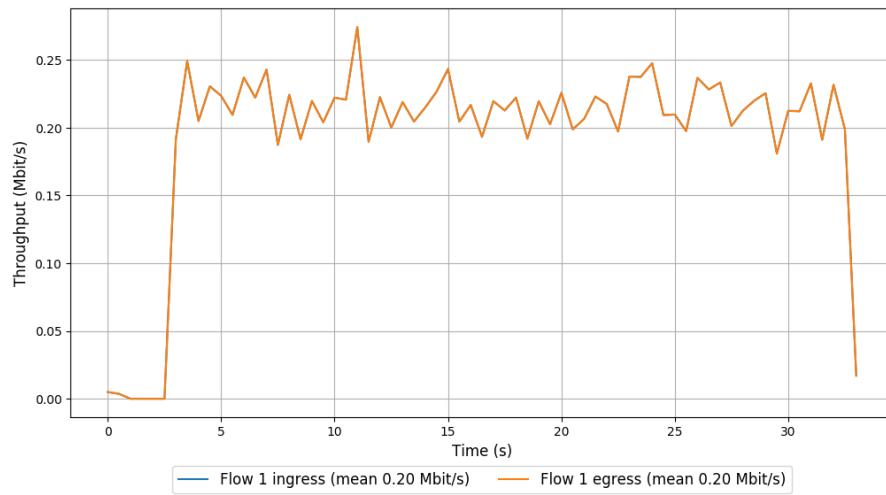


Run 1: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 04:22:42 +0000
End at: Tue, 04 Jul 2017 04:23:12 +0000
Local clock offset: -4.964 ms
Remote clock offset: -0.025 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:37:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 7.062 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 7.062 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

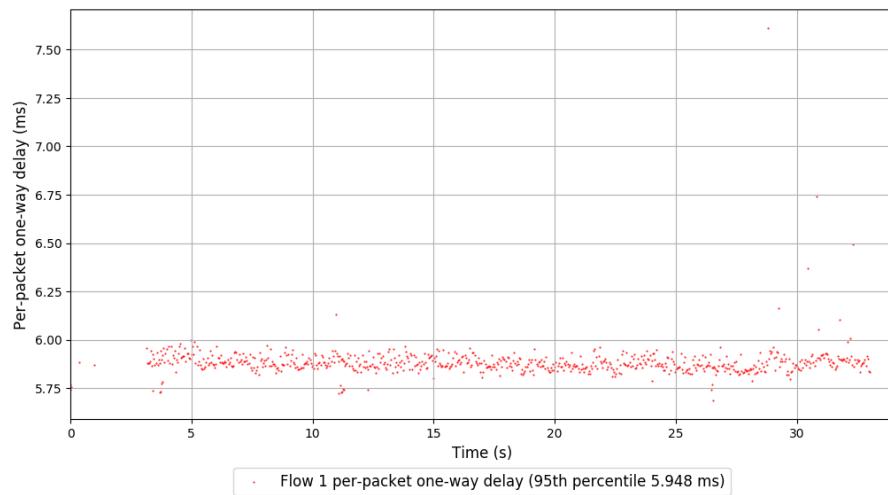
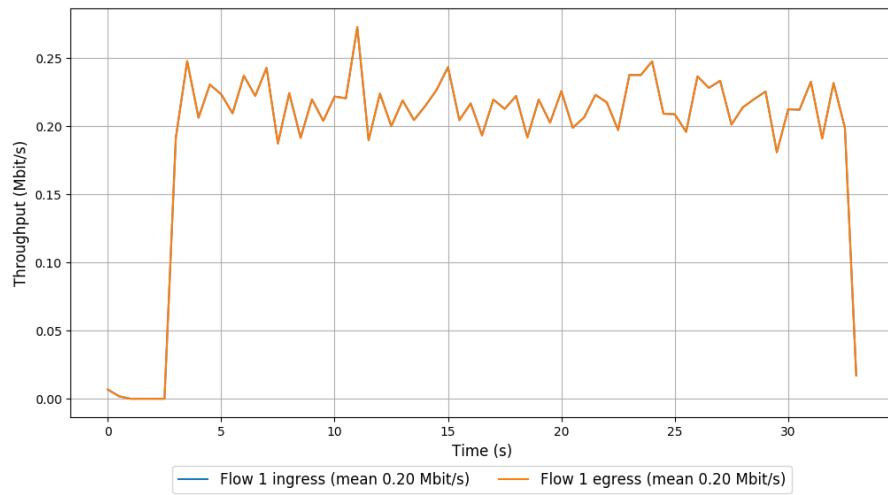


Run 2: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 04:39:34 +0000
End at: Tue, 04 Jul 2017 04:40:04 +0000
Local clock offset: -3.746 ms
Remote clock offset: -0.043 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:37:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 5.948 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 5.948 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

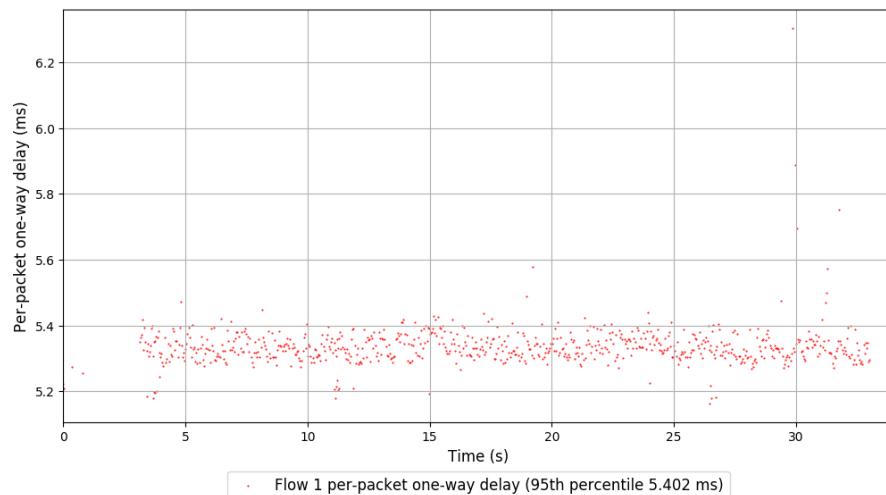
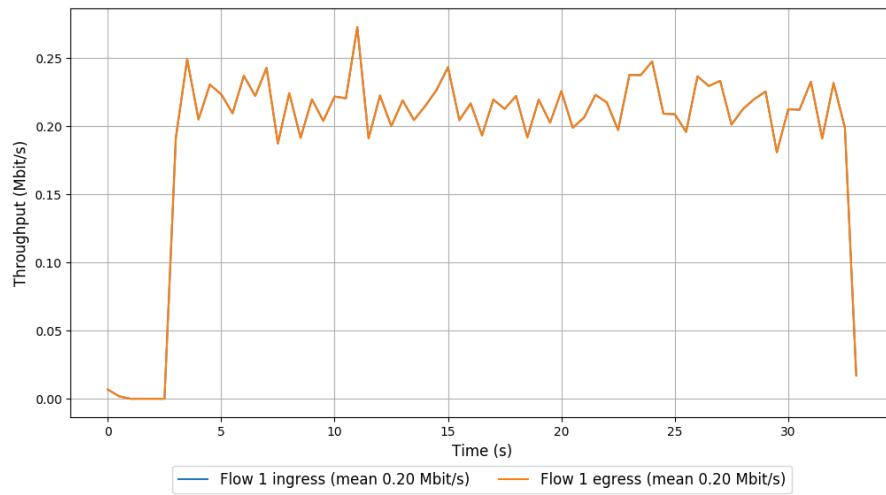


Run 3: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 04:56:34 +0000
End at: Tue, 04 Jul 2017 04:57:04 +0000
Local clock offset: -2.936 ms
Remote clock offset: 0.146 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:37:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 5.402 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 5.402 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

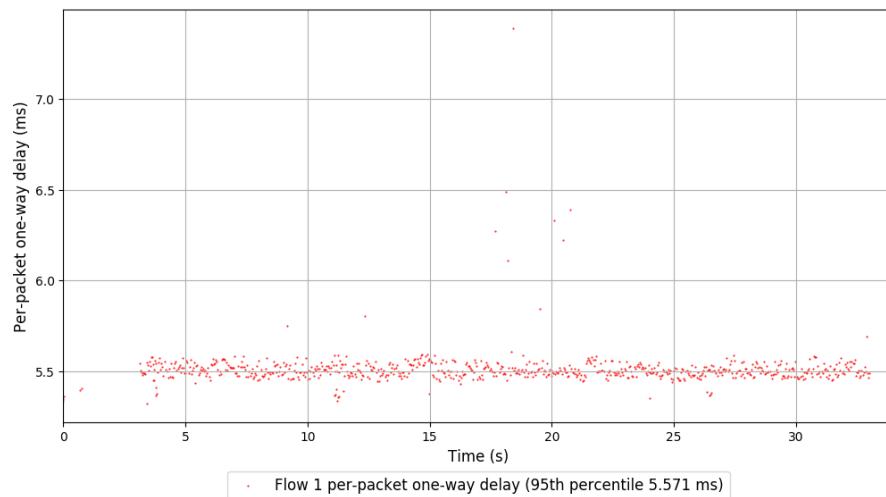
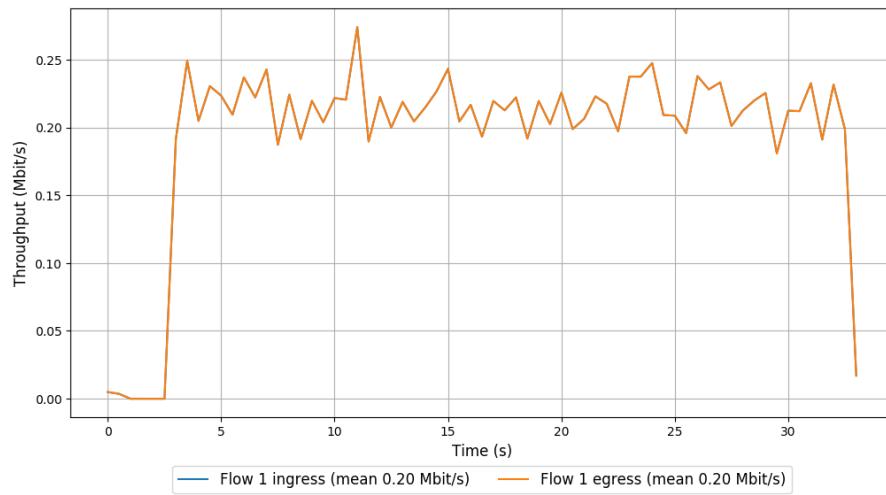


Run 4: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 05:13:30 +0000
End at: Tue, 04 Jul 2017 05:14:00 +0000
Local clock offset: -2.693 ms
Remote clock offset: 0.641 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:37:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 5.571 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 5.571 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

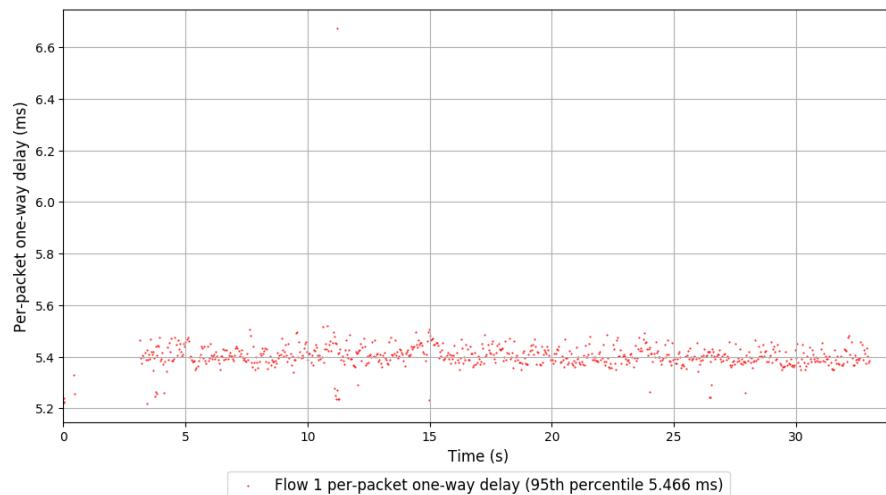
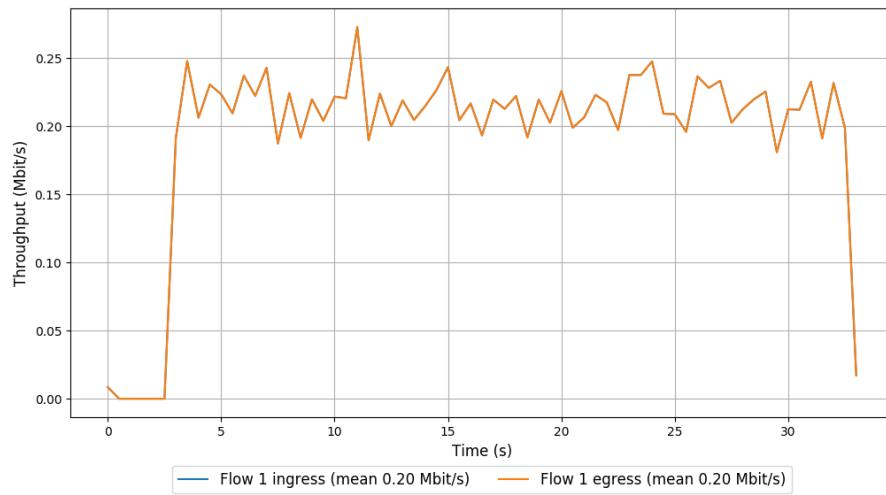


Run 5: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 05:30:28 +0000
End at: Tue, 04 Jul 2017 05:30:58 +0000
Local clock offset: -2.407 ms
Remote clock offset: 0.792 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:37:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 5.466 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 5.466 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

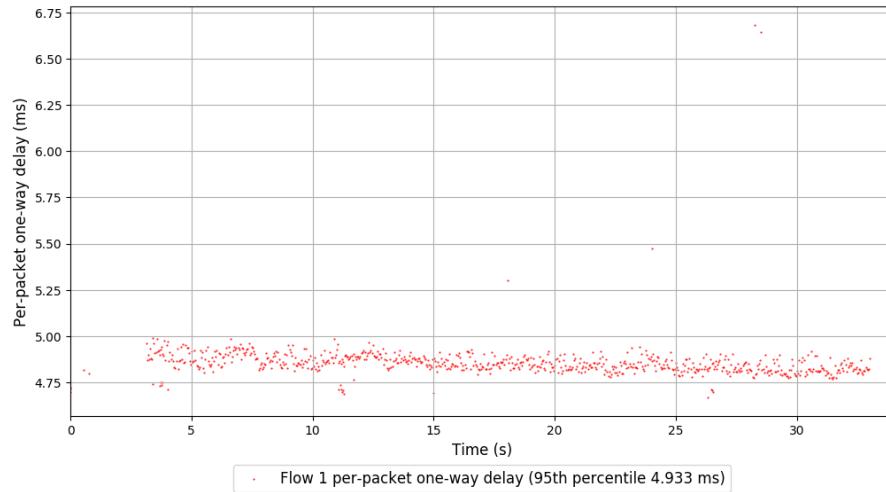
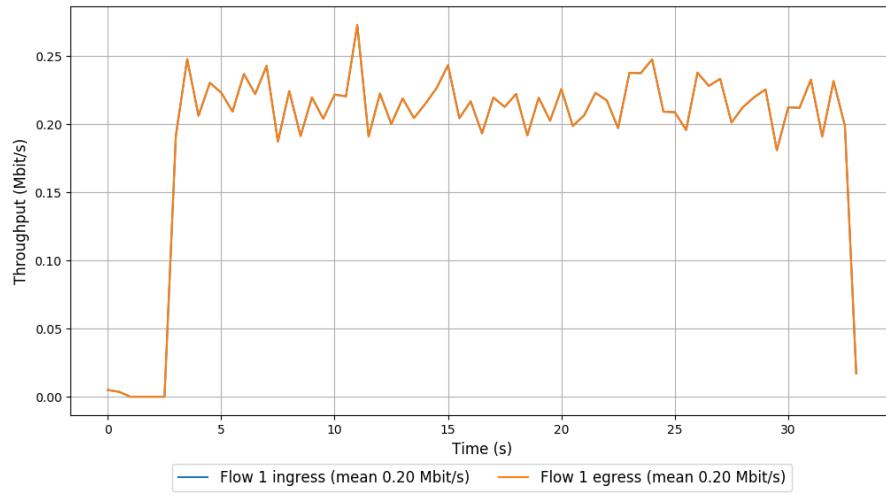


Run 6: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 05:47:30 +0000
End at: Tue, 04 Jul 2017 05:48:00 +0000
Local clock offset: -1.637 ms
Remote clock offset: 1.07 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:37:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 4.933 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 4.933 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Tue, 04 Jul 2017 06:04:30 +0000

End at: Tue, 04 Jul 2017 06:05:00 +0000

Local clock offset: -0.49 ms

Remote clock offset: 1.038 ms

Below is generated by plot.py at Tue, 04 Jul 2017 08:37:33 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 3.748 ms

Loss rate: 0.00%

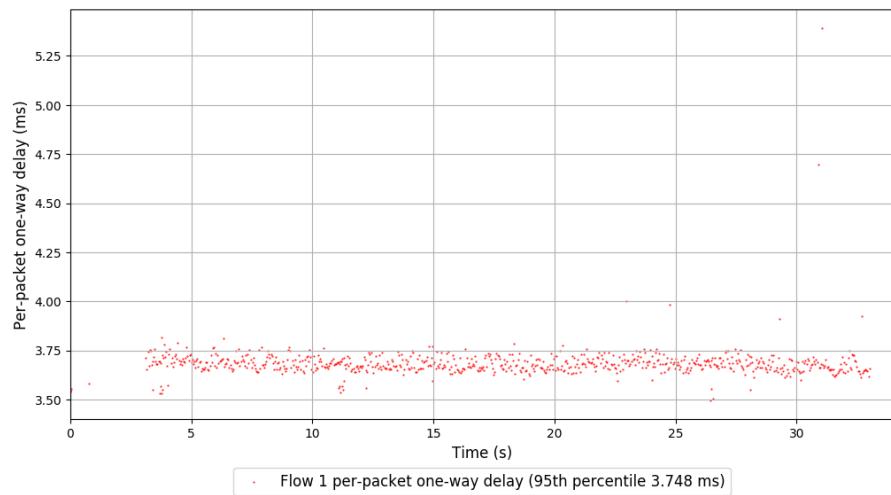
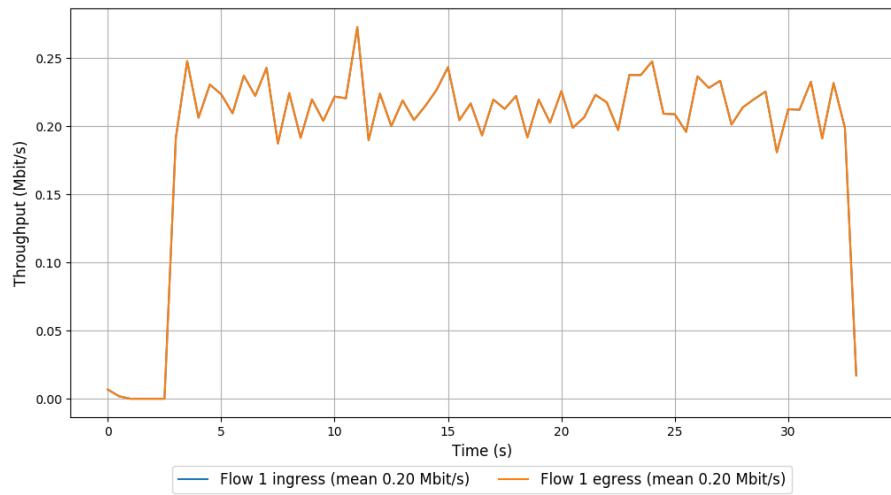
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 3.748 ms

Loss rate: 0.00%

Run 7: Report of SCReAM — Data Link

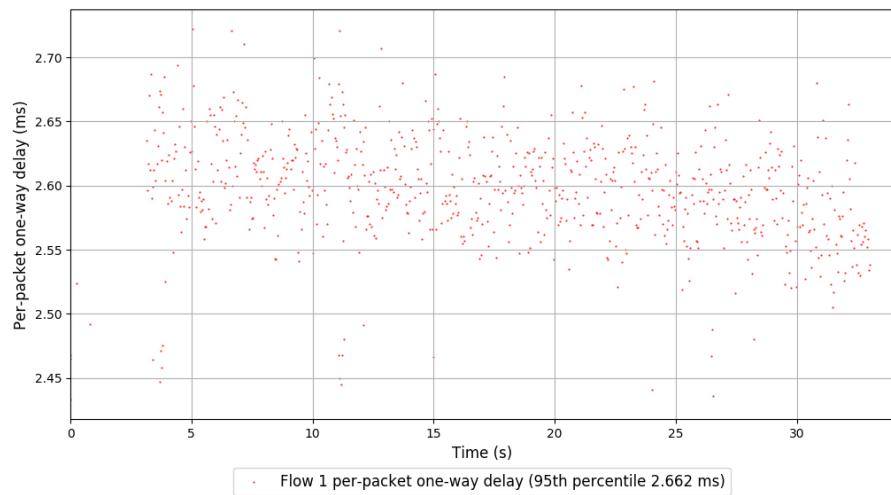
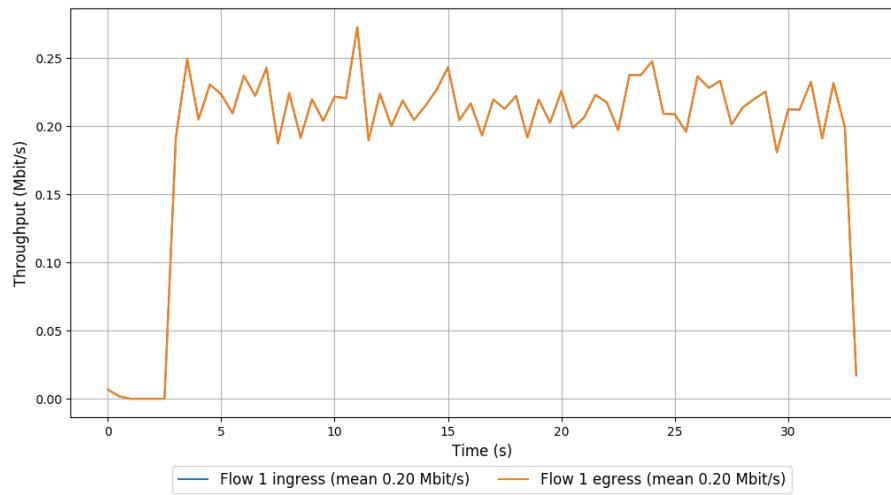


Run 8: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 06:21:30 +0000
End at: Tue, 04 Jul 2017 06:22:01 +0000
Local clock offset: 0.521 ms
Remote clock offset: 1.017 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:37:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 2.662 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 2.662 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

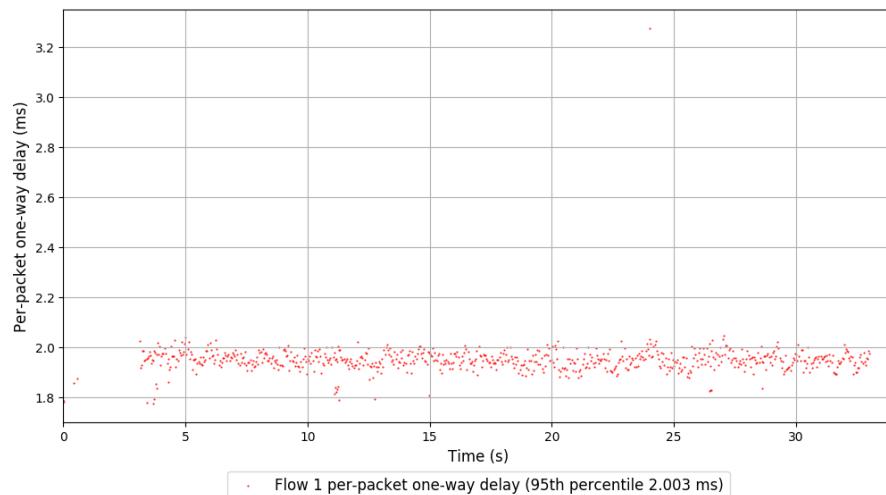
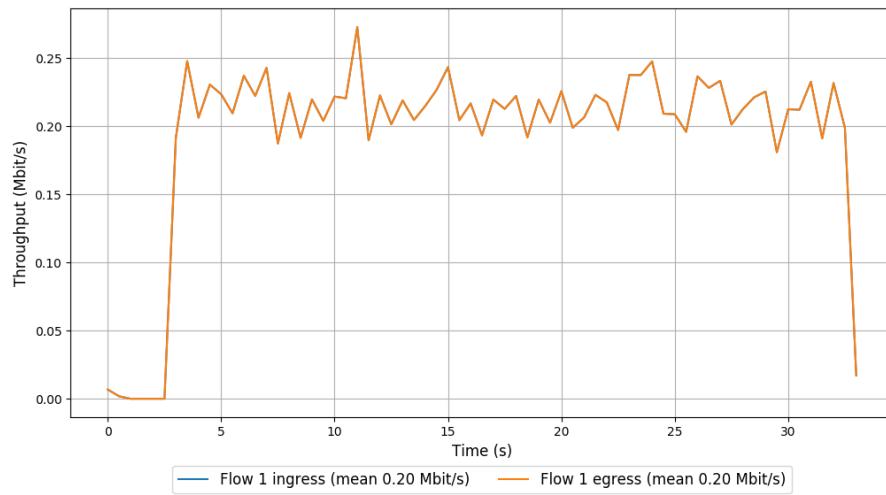


Run 9: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 06:38:31 +0000
End at: Tue, 04 Jul 2017 06:39:01 +0000
Local clock offset: 1.273 ms
Remote clock offset: 1.099 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:37:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 2.003 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 2.003 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

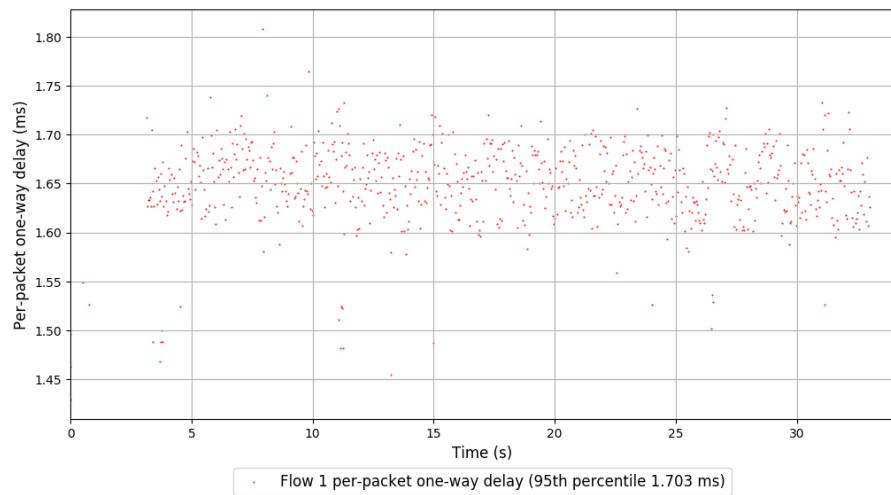
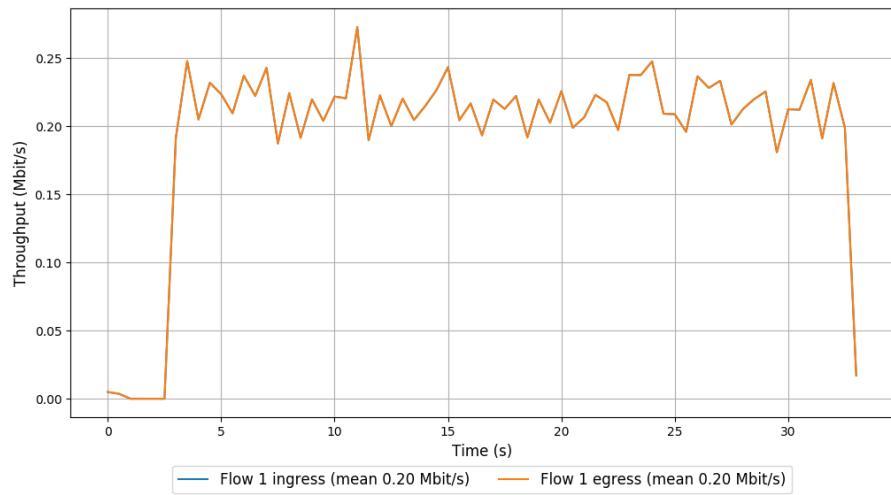


Run 10: Statistics of SCReAM

```
Start at: Tue, 04 Jul 2017 06:55:30 +0000
End at: Tue, 04 Jul 2017 06:56:00 +0000
Local clock offset: 1.802 ms
Remote clock offset: 1.23 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:37:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 1.703 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 1.703 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

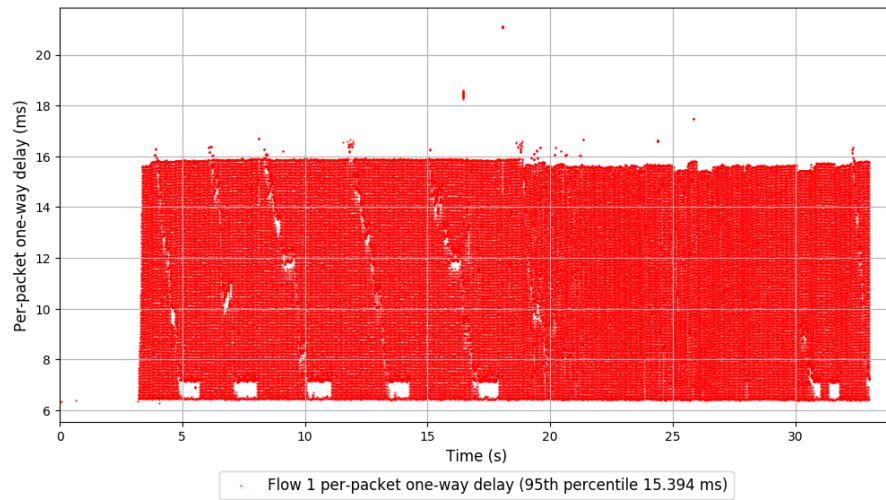
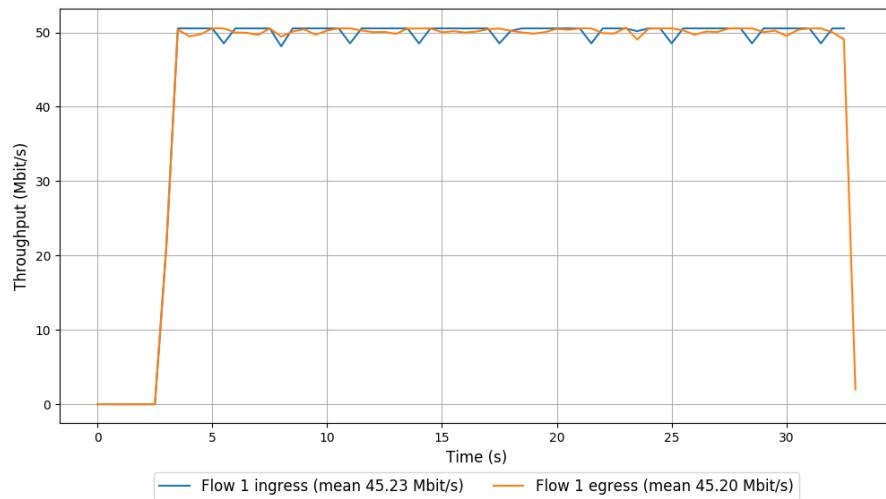


Run 1: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 04:32:45 +0000
End at: Tue, 04 Jul 2017 04:33:15 +0000
Local clock offset: -4.426 ms
Remote clock offset: -0.037 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:37:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.20 Mbit/s
95th percentile per-packet one-way delay: 15.394 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 45.20 Mbit/s
95th percentile per-packet one-way delay: 15.394 ms
Loss rate: 0.02%
```

Run 1: Report of Sprout — Data Link

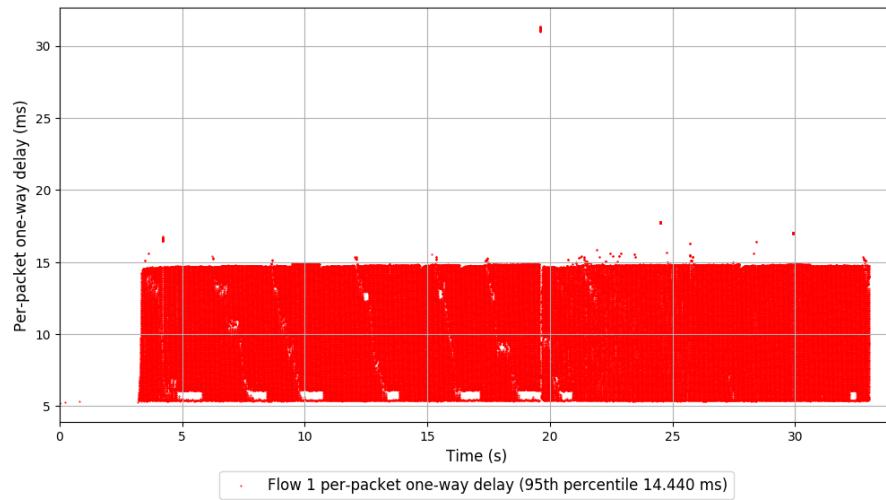
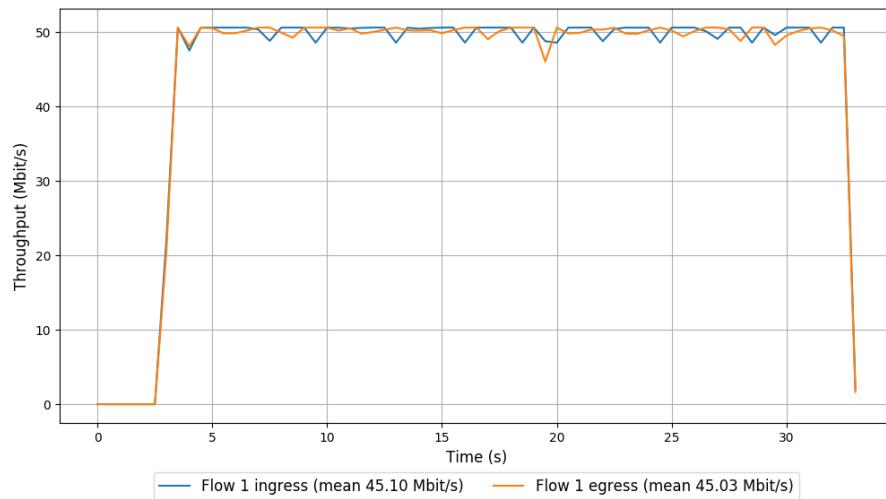


Run 2: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 04:49:43 +0000
End at: Tue, 04 Jul 2017 04:50:13 +0000
Local clock offset: -3.158 ms
Remote clock offset: 0.061 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:37:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.03 Mbit/s
95th percentile per-packet one-way delay: 14.440 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 45.03 Mbit/s
95th percentile per-packet one-way delay: 14.440 ms
Loss rate: 0.15%
```

Run 2: Report of Sprout — Data Link

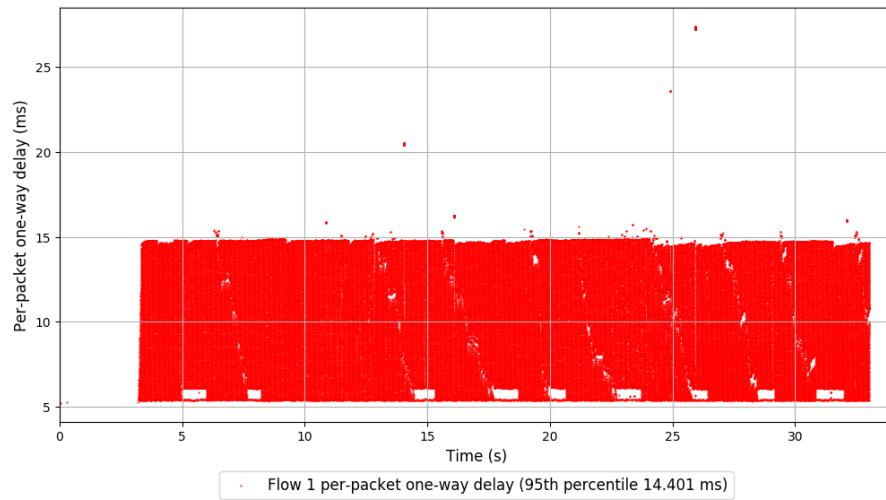
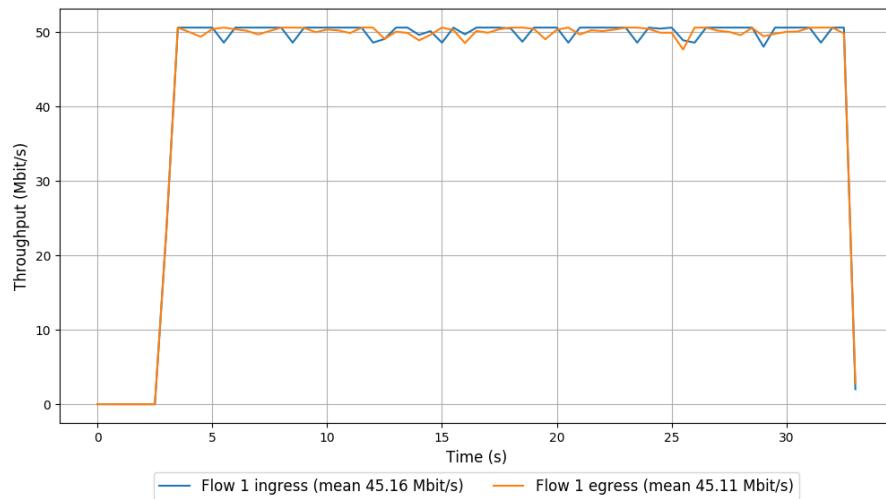


Run 3: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 05:06:41 +0000
End at: Tue, 04 Jul 2017 05:07:11 +0000
Local clock offset: -2.826 ms
Remote clock offset: 0.434 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:37:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.11 Mbit/s
95th percentile per-packet one-way delay: 14.401 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 45.11 Mbit/s
95th percentile per-packet one-way delay: 14.401 ms
Loss rate: 0.08%
```

Run 3: Report of Sprout — Data Link

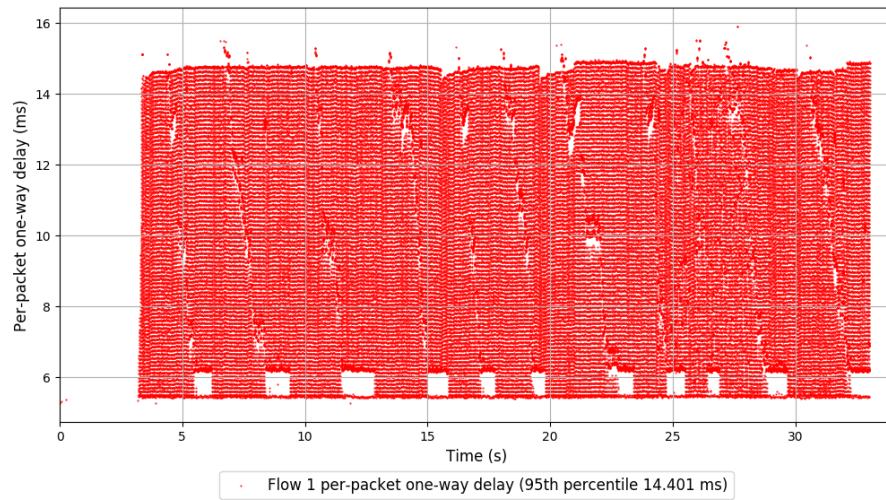
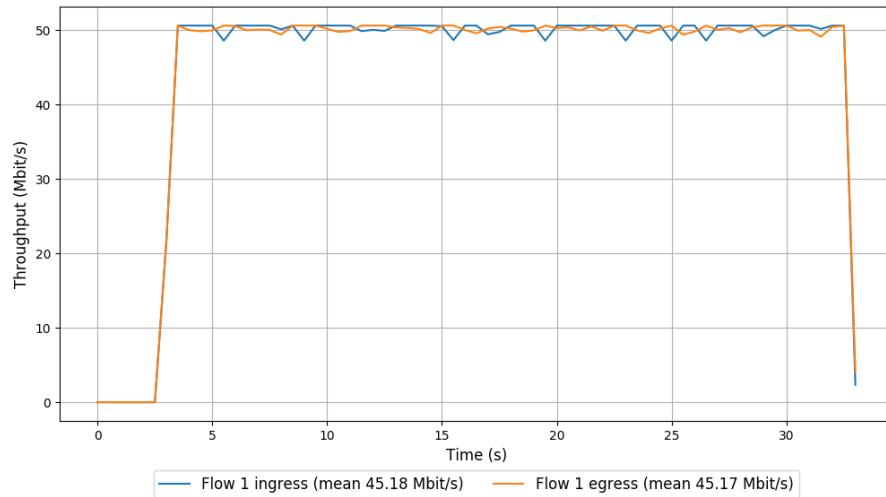


Run 4: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 05:23:38 +0000
End at: Tue, 04 Jul 2017 05:24:08 +0000
Local clock offset: -2.555 ms
Remote clock offset: 0.729 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:37:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.17 Mbit/s
95th percentile per-packet one-way delay: 14.401 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 45.17 Mbit/s
95th percentile per-packet one-way delay: 14.401 ms
Loss rate: 0.04%
```

Run 4: Report of Sprout — Data Link

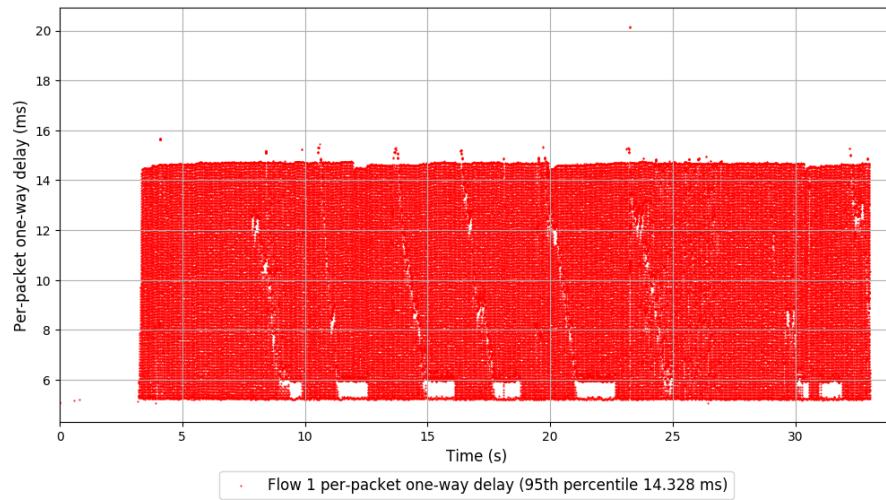
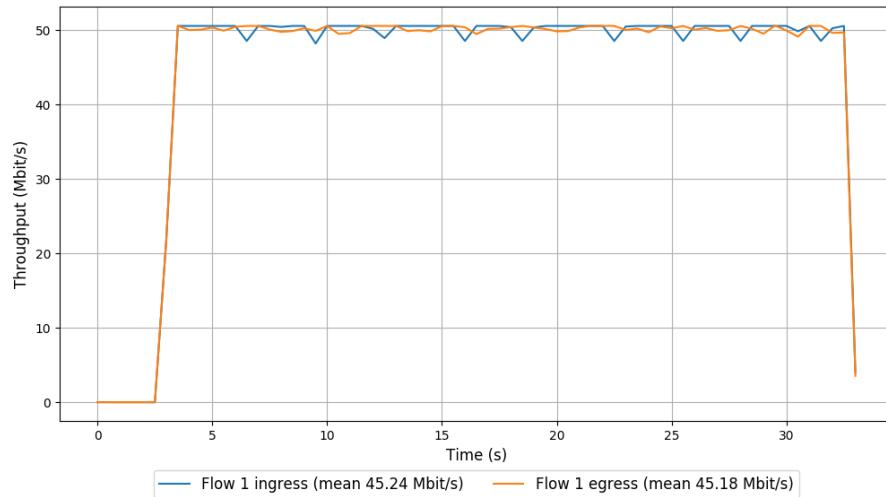


Run 5: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 05:40:39 +0000
End at: Tue, 04 Jul 2017 05:41:09 +0000
Local clock offset: -2.102 ms
Remote clock offset: 1.035 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:37:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.18 Mbit/s
95th percentile per-packet one-way delay: 14.328 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 45.18 Mbit/s
95th percentile per-packet one-way delay: 14.328 ms
Loss rate: 0.11%
```

Run 5: Report of Sprout — Data Link

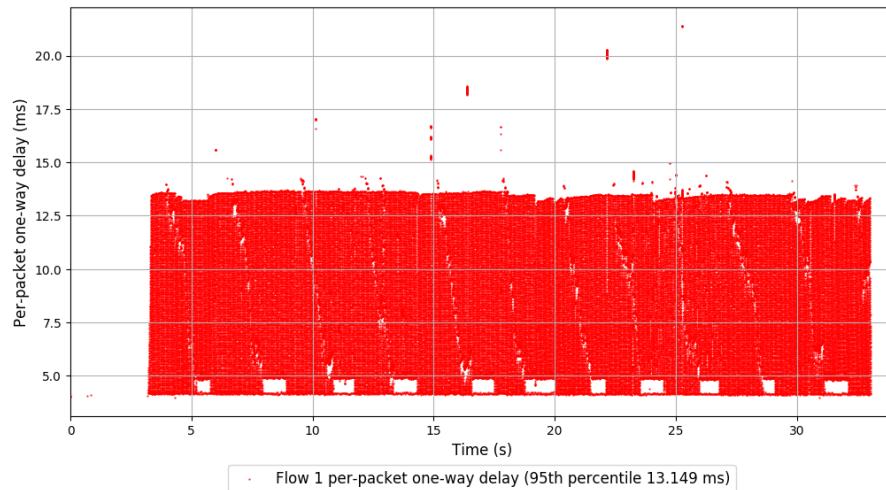
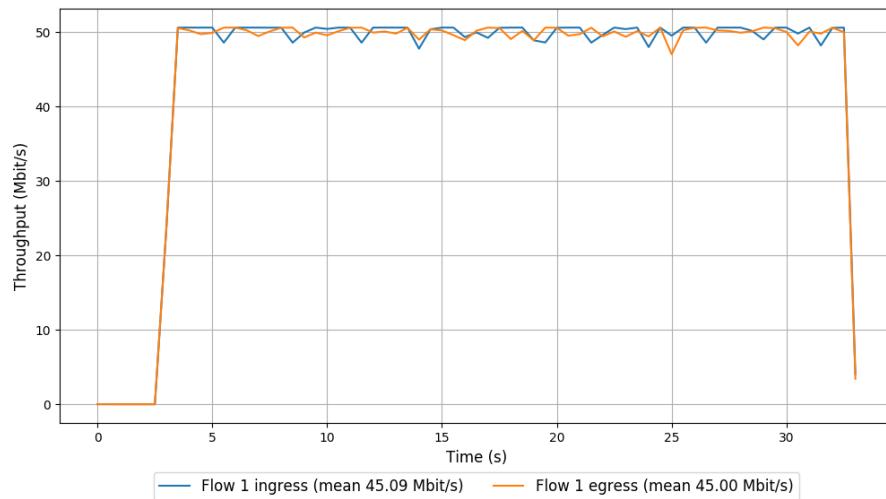


Run 6: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 05:57:39 +0000
End at: Tue, 04 Jul 2017 05:58:09 +0000
Local clock offset: -0.939 ms
Remote clock offset: 1.084 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:37:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.00 Mbit/s
95th percentile per-packet one-way delay: 13.149 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 45.00 Mbit/s
95th percentile per-packet one-way delay: 13.149 ms
Loss rate: 0.19%
```

Run 6: Report of Sprout — Data Link

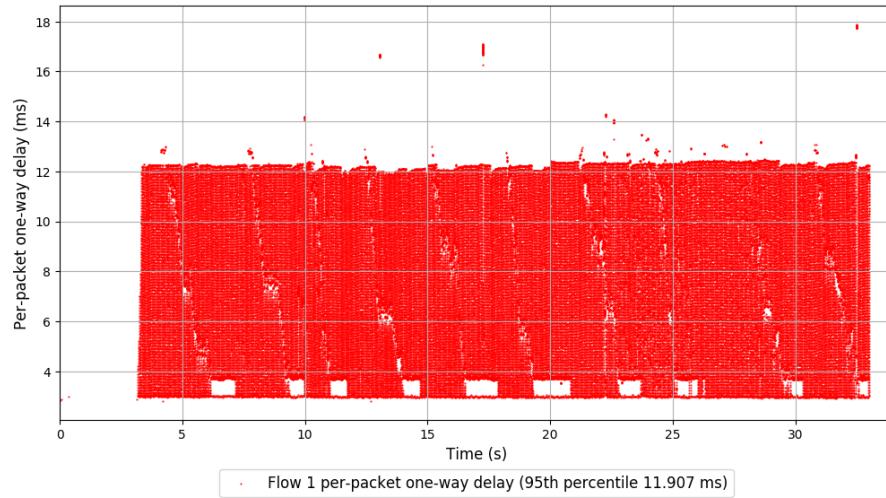
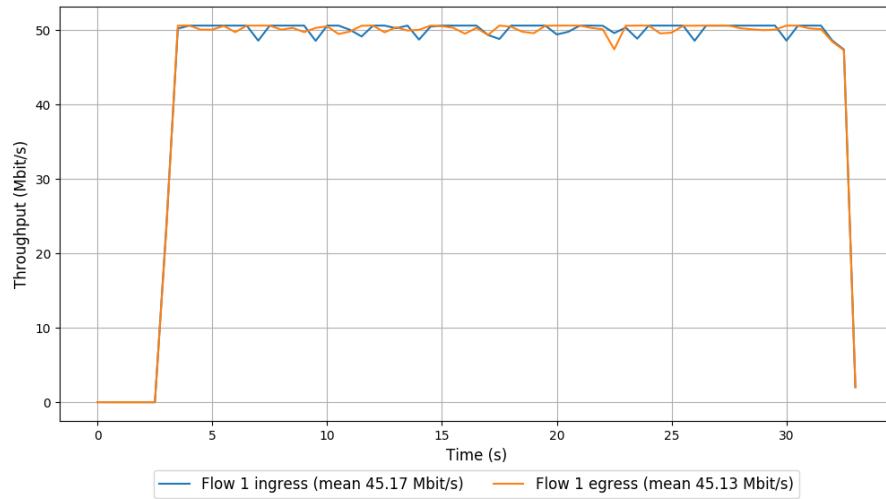


Run 7: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 06:14:40 +0000
End at: Tue, 04 Jul 2017 06:15:10 +0000
Local clock offset: 0.129 ms
Remote clock offset: 0.998 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:38:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.13 Mbit/s
95th percentile per-packet one-way delay: 11.907 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 45.13 Mbit/s
95th percentile per-packet one-way delay: 11.907 ms
Loss rate: 0.07%
```

Run 7: Report of Sprout — Data Link

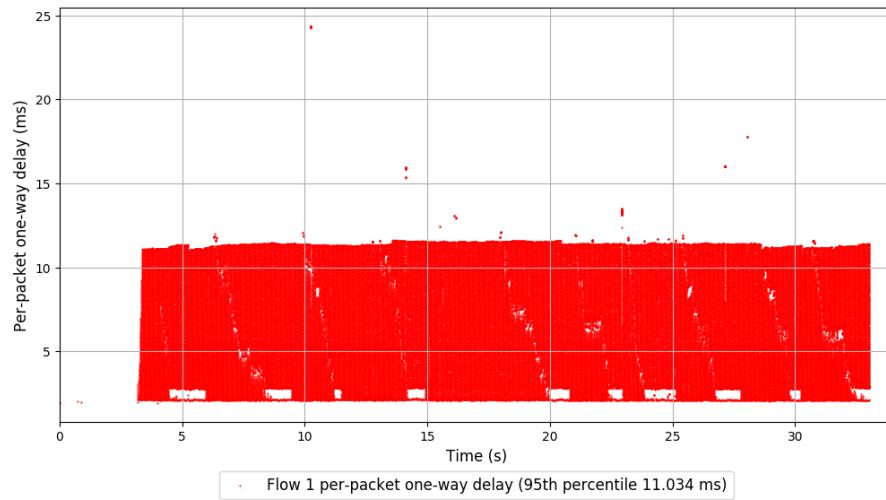
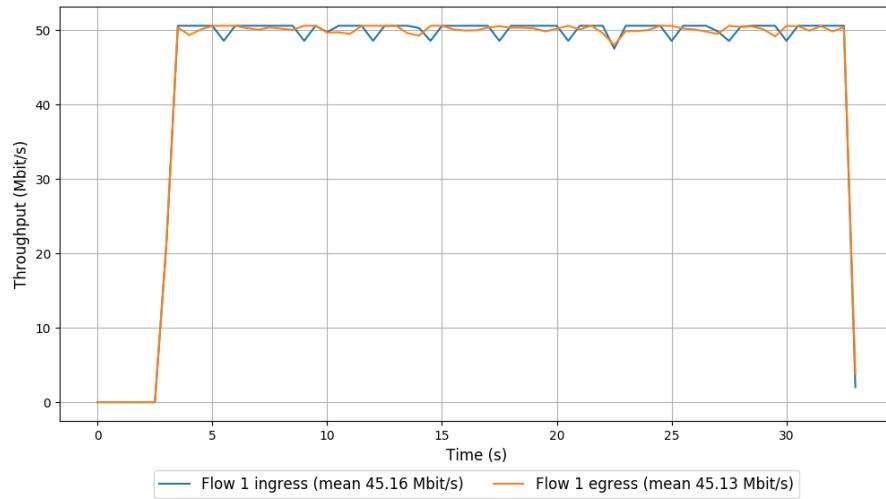


Run 8: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 06:31:40 +0000
End at: Tue, 04 Jul 2017 06:32:10 +0000
Local clock offset: 1.085 ms
Remote clock offset: 1.074 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:38:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.13 Mbit/s
95th percentile per-packet one-way delay: 11.034 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 45.13 Mbit/s
95th percentile per-packet one-way delay: 11.034 ms
Loss rate: 0.03%
```

Run 8: Report of Sprout — Data Link

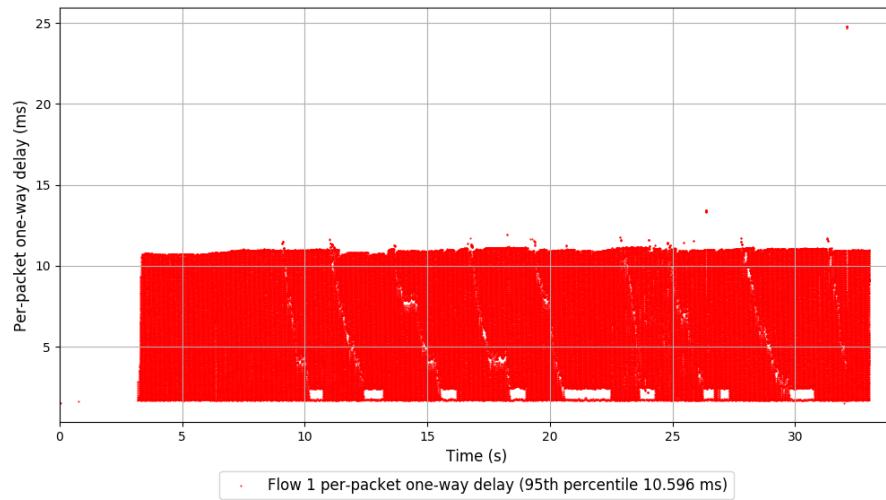
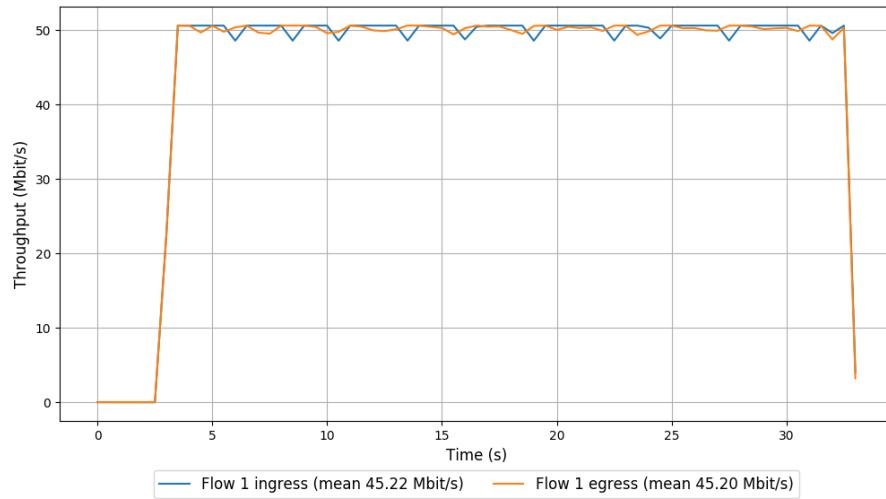


Run 9: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 06:48:40 +0000
End at: Tue, 04 Jul 2017 06:49:10 +0000
Local clock offset: 1.654 ms
Remote clock offset: 1.113 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:38:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.20 Mbit/s
95th percentile per-packet one-way delay: 10.596 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 45.20 Mbit/s
95th percentile per-packet one-way delay: 10.596 ms
Loss rate: 0.07%
```

Run 9: Report of Sprout — Data Link

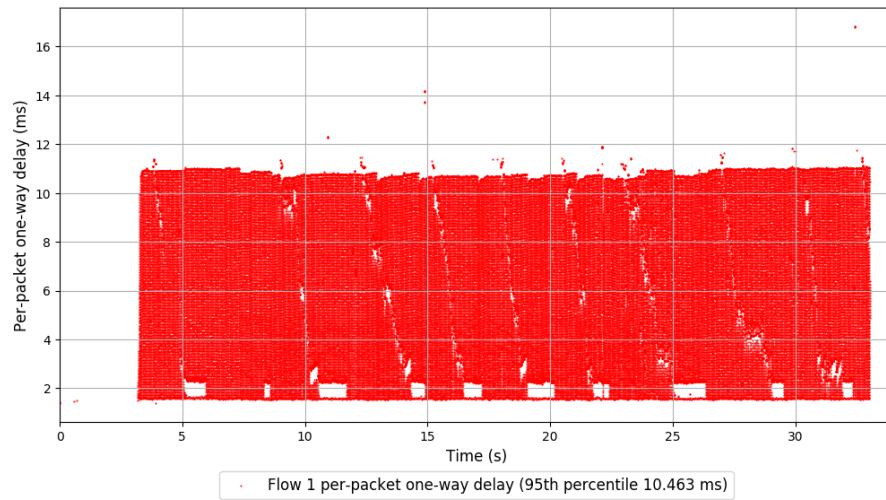
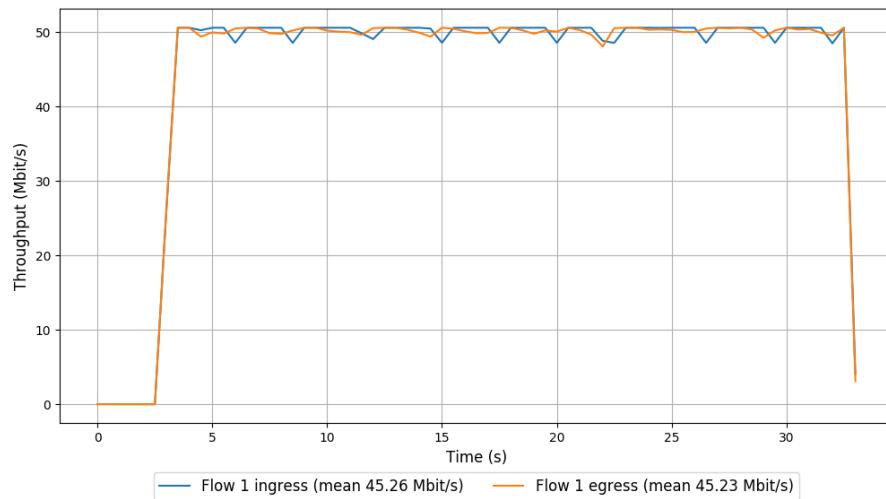


Run 10: Statistics of Sprout

```
Start at: Tue, 04 Jul 2017 07:05:41 +0000
End at: Tue, 04 Jul 2017 07:06:11 +0000
Local clock offset: 1.923 ms
Remote clock offset: 1.288 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:38:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.23 Mbit/s
95th percentile per-packet one-way delay: 10.463 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 45.23 Mbit/s
95th percentile per-packet one-way delay: 10.463 ms
Loss rate: 0.05%
```

Run 10: Report of Sprout — Data Link

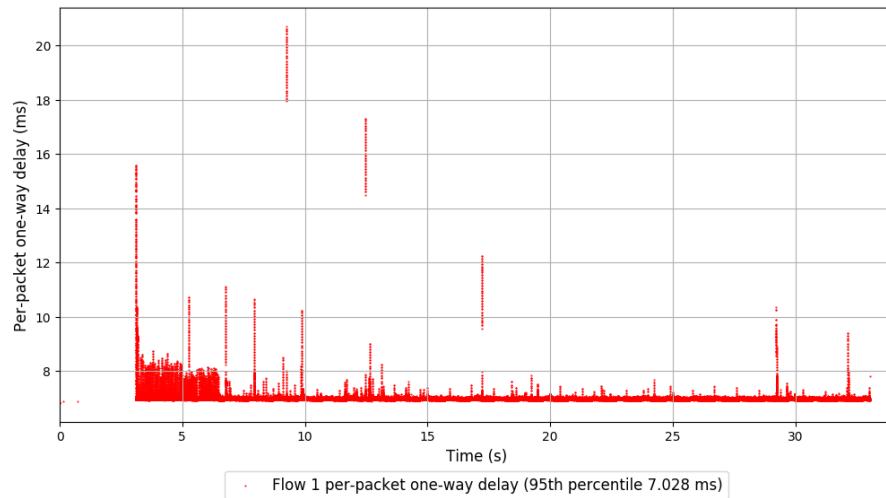
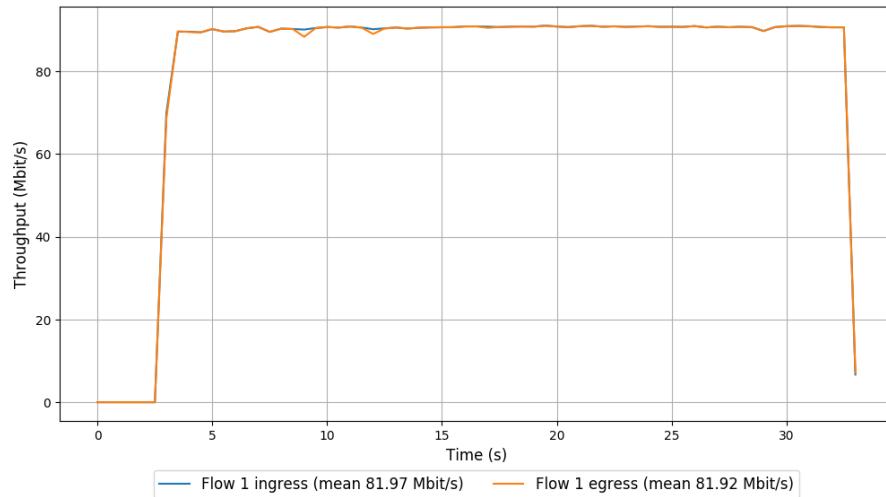


Run 1: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 04:26:01 +0000
End at: Tue, 04 Jul 2017 04:26:31 +0000
Local clock offset: -4.956 ms
Remote clock offset: -0.048 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:38:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.92 Mbit/s
95th percentile per-packet one-way delay: 7.028 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 81.92 Mbit/s
95th percentile per-packet one-way delay: 7.028 ms
Loss rate: 0.08%
```

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

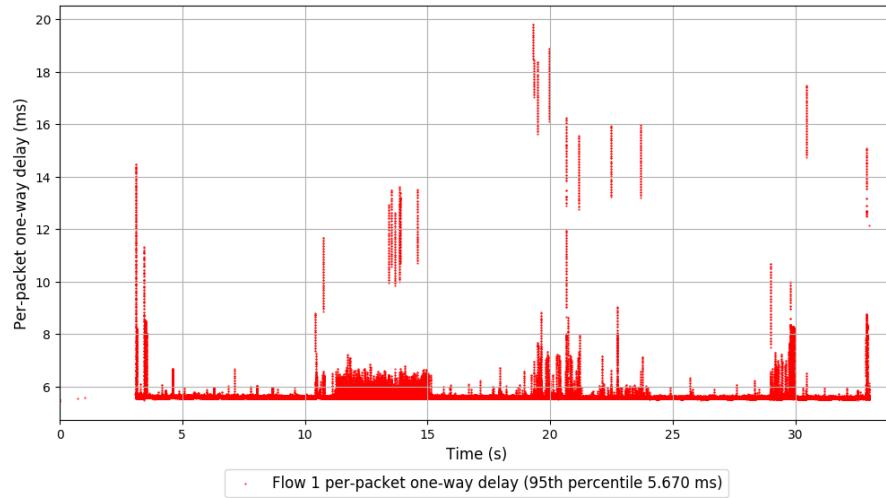
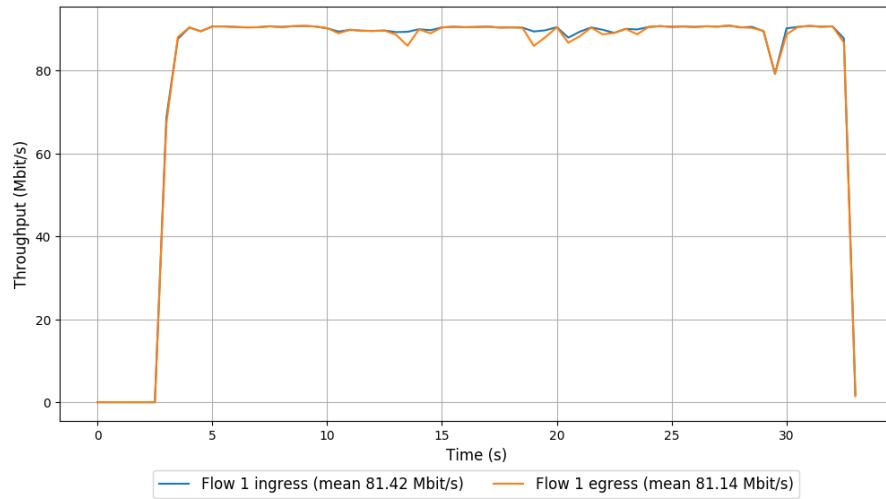


Run 2: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 04:42:52 +0000
End at: Tue, 04 Jul 2017 04:43:22 +0000
Local clock offset: -3.514 ms
Remote clock offset: -0.053 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:38:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.14 Mbit/s
95th percentile per-packet one-way delay: 5.670 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 81.14 Mbit/s
95th percentile per-packet one-way delay: 5.670 ms
Loss rate: 0.35%
```

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

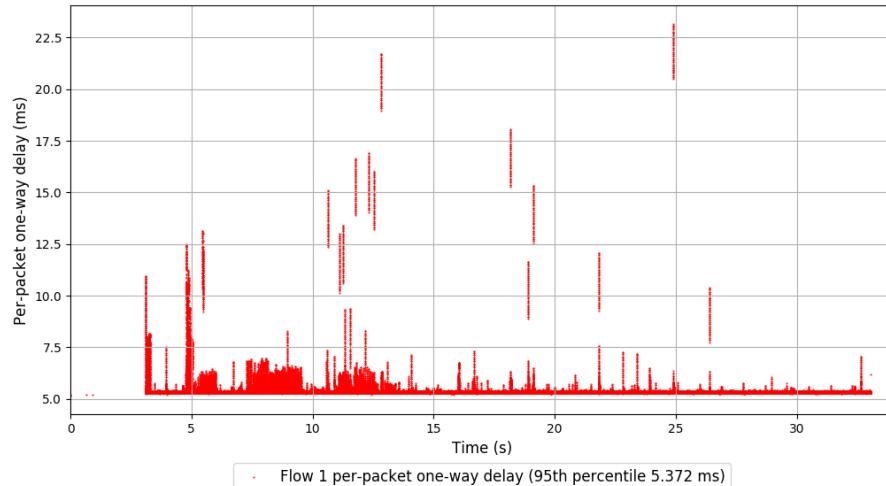
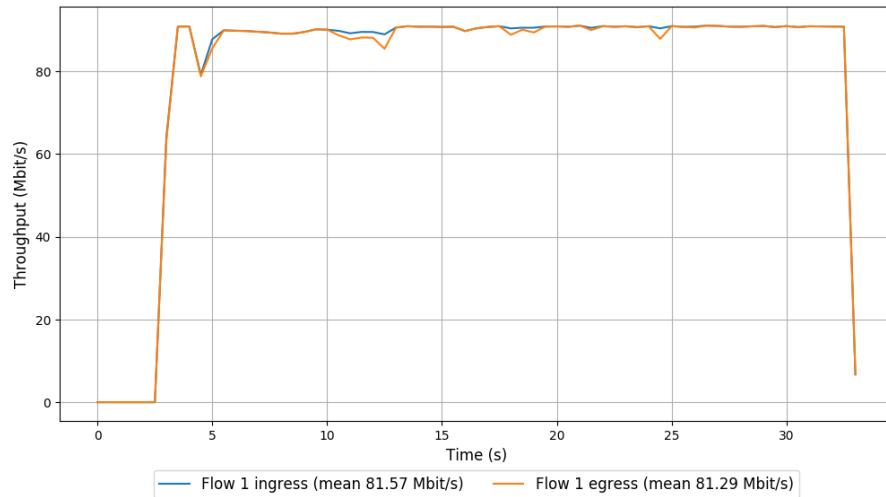


Run 3: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 04:59:58 +0000
End at: Tue, 04 Jul 2017 05:00:28 +0000
Local clock offset: -2.904 ms
Remote clock offset: 0.227 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:38:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.29 Mbit/s
95th percentile per-packet one-way delay: 5.372 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 81.29 Mbit/s
95th percentile per-packet one-way delay: 5.372 ms
Loss rate: 0.35%
```

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

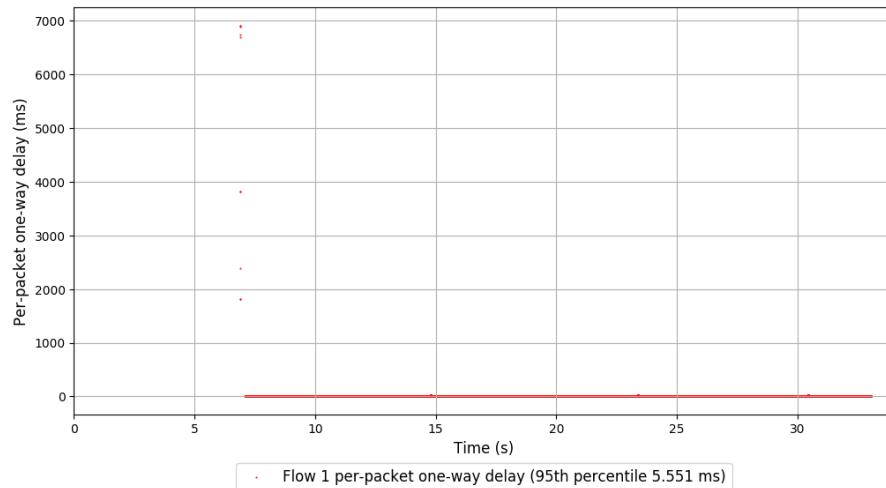
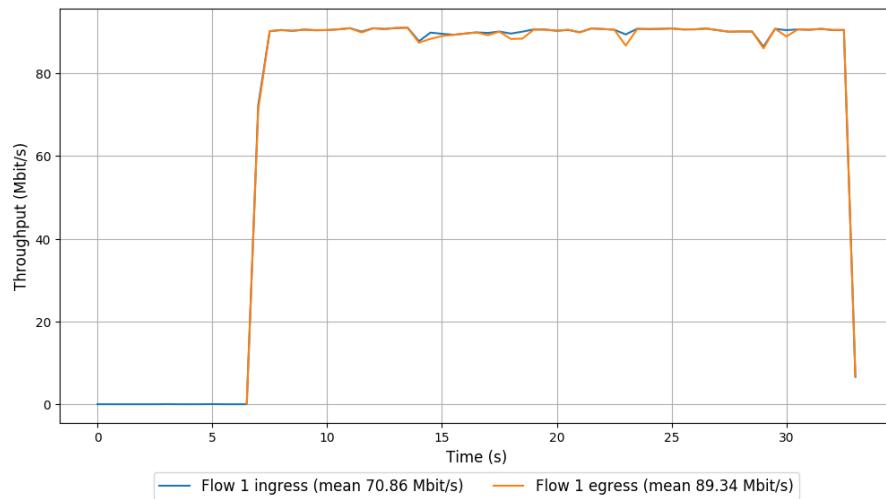


Run 4: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 05:16:48 +0000
End at: Tue, 04 Jul 2017 05:17:18 +0000
Local clock offset: -2.659 ms
Remote clock offset: 0.695 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:38:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.34 Mbit/s
95th percentile per-packet one-way delay: 5.551 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 89.34 Mbit/s
95th percentile per-packet one-way delay: 5.551 ms
Loss rate: 0.25%
```

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

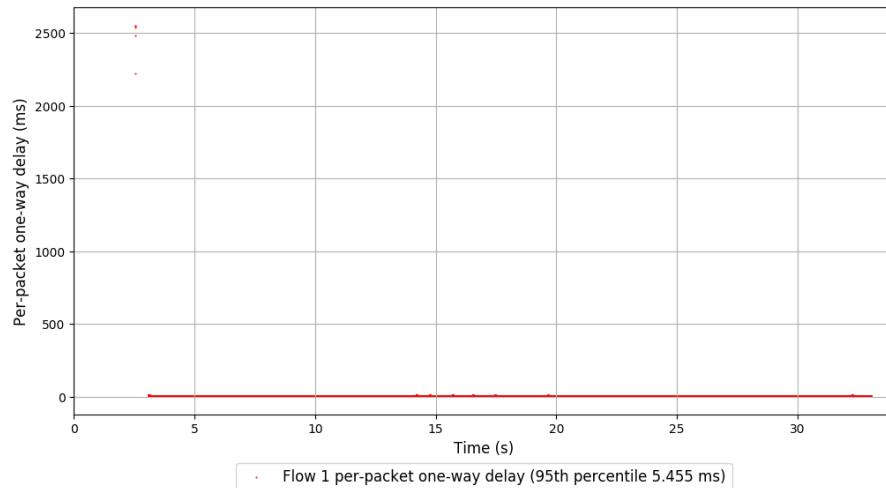
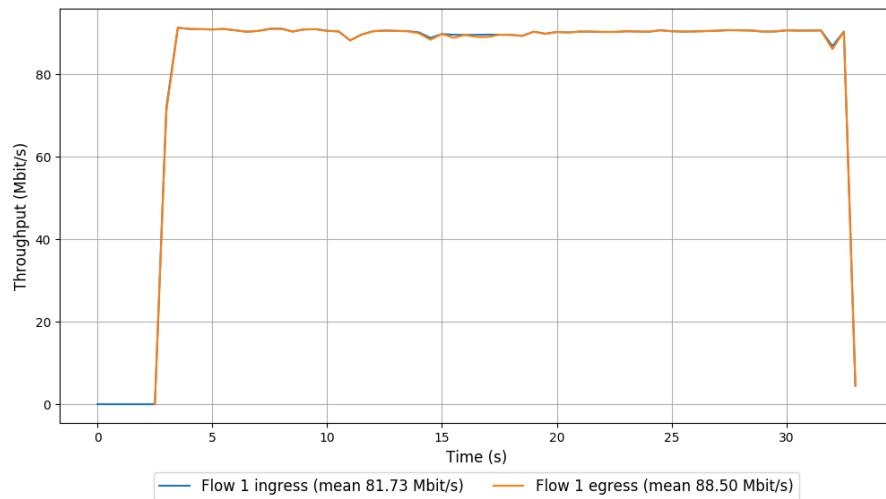


Run 5: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 05:33:48 +0000
End at: Tue, 04 Jul 2017 05:34:18 +0000
Local clock offset: -2.343 ms
Remote clock offset: 0.904 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:39:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.50 Mbit/s
95th percentile per-packet one-way delay: 5.455 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 88.50 Mbit/s
95th percentile per-packet one-way delay: 5.455 ms
Loss rate: 0.08%
```

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

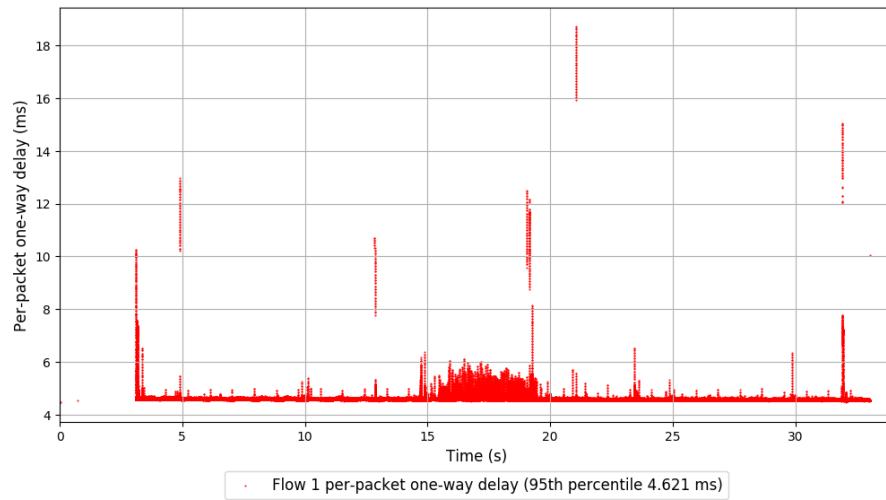
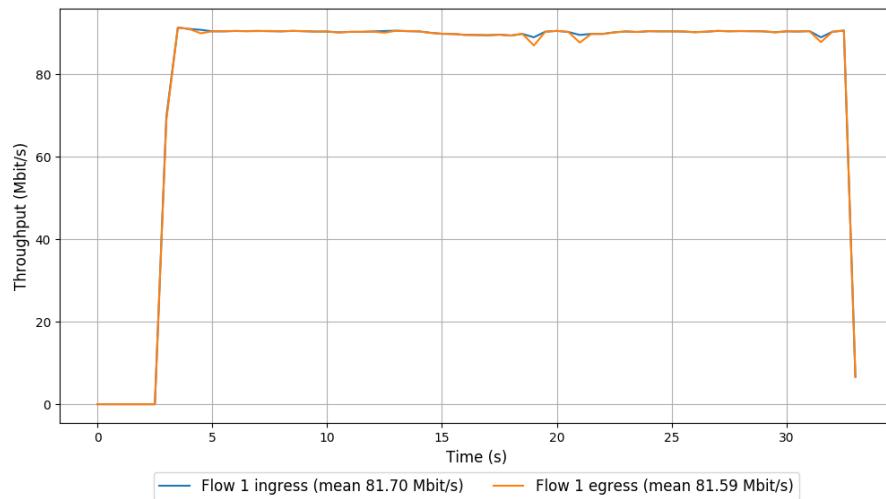


Run 6: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 05:50:48 +0000
End at: Tue, 04 Jul 2017 05:51:18 +0000
Local clock offset: -1.403 ms
Remote clock offset: 1.064 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:39:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.59 Mbit/s
95th percentile per-packet one-way delay: 4.621 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 81.59 Mbit/s
95th percentile per-packet one-way delay: 4.621 ms
Loss rate: 0.13%
```

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



Run 7: Statistics of TaoVA-100x

Start at: Tue, 04 Jul 2017 06:07:48 +0000

End at: Tue, 04 Jul 2017 06:08:18 +0000

Local clock offset: -0.26 ms

Remote clock offset: 1.037 ms

Below is generated by plot.py at Tue, 04 Jul 2017 08:39:43 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.79 Mbit/s

95th percentile per-packet one-way delay: 3.469 ms

Loss rate: 0.16%

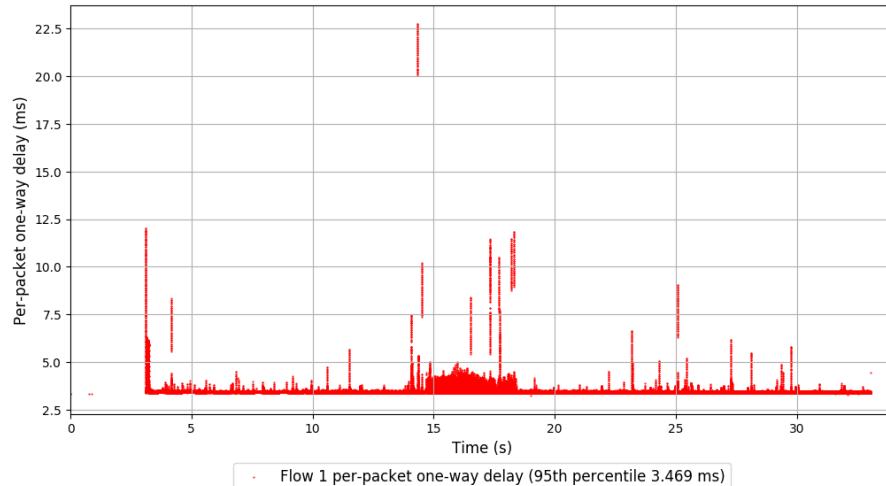
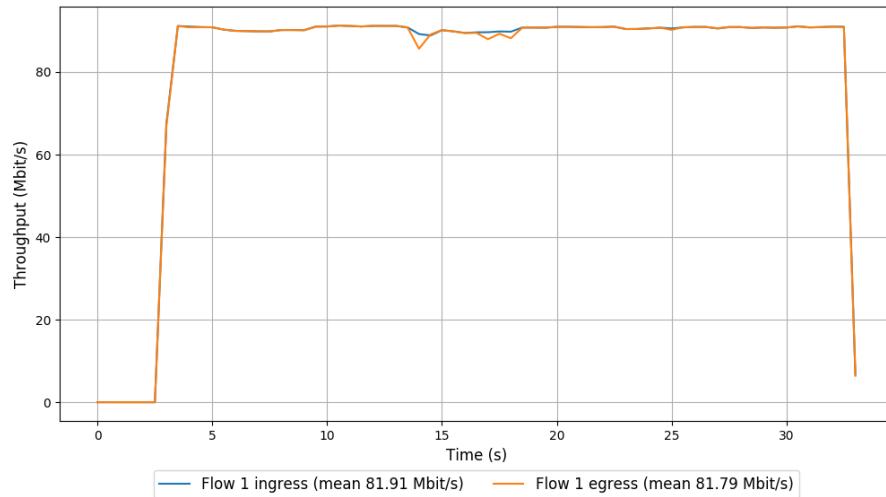
-- Flow 1:

Average throughput: 81.79 Mbit/s

95th percentile per-packet one-way delay: 3.469 ms

Loss rate: 0.16%

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

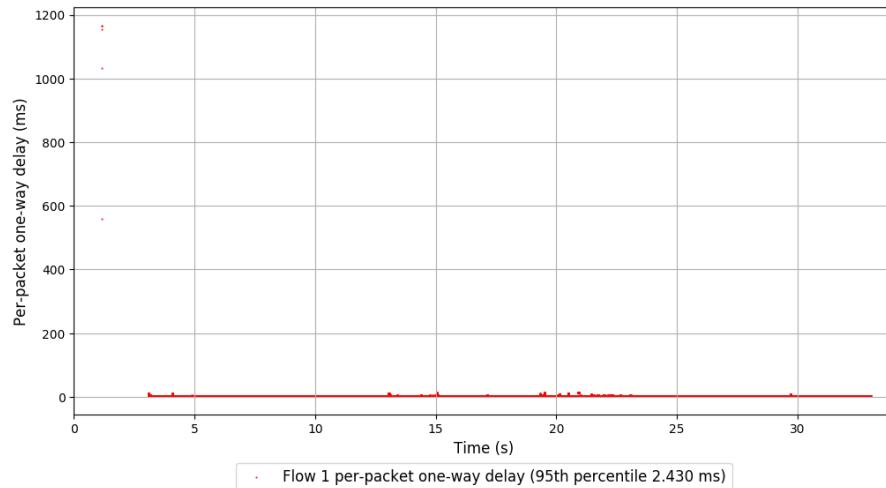
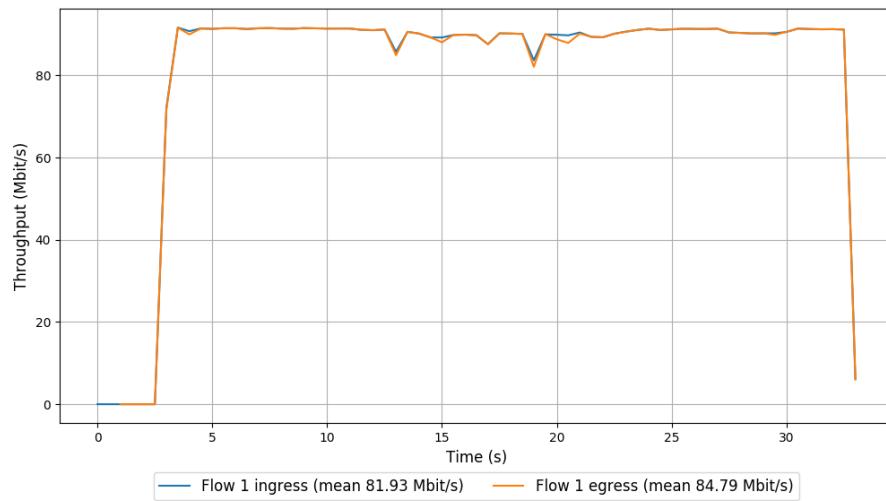


Run 8: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 06:24:49 +0000
End at: Tue, 04 Jul 2017 06:25:19 +0000
Local clock offset: 0.673 ms
Remote clock offset: 1.02 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:39:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.79 Mbit/s
95th percentile per-packet one-way delay: 2.430 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 84.79 Mbit/s
95th percentile per-packet one-way delay: 2.430 ms
Loss rate: 0.16%
```

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



Run 9: Statistics of TaoVA-100x

Start at: Tue, 04 Jul 2017 06:41:49 +0000

End at: Tue, 04 Jul 2017 06:42:19 +0000

Local clock offset: 1.38 ms

Remote clock offset: 1.134 ms

Below is generated by plot.py at Tue, 04 Jul 2017 08:40:07 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.76 Mbit/s

95th percentile per-packet one-way delay: 1.880 ms

Loss rate: 0.12%

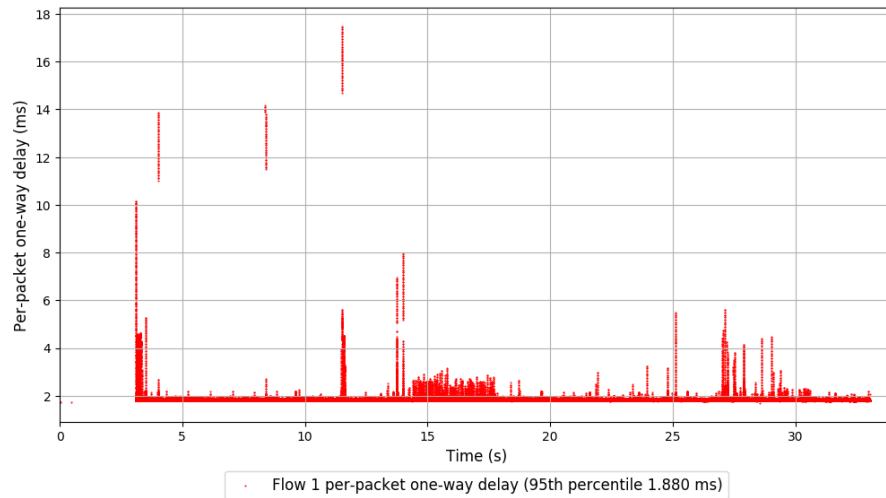
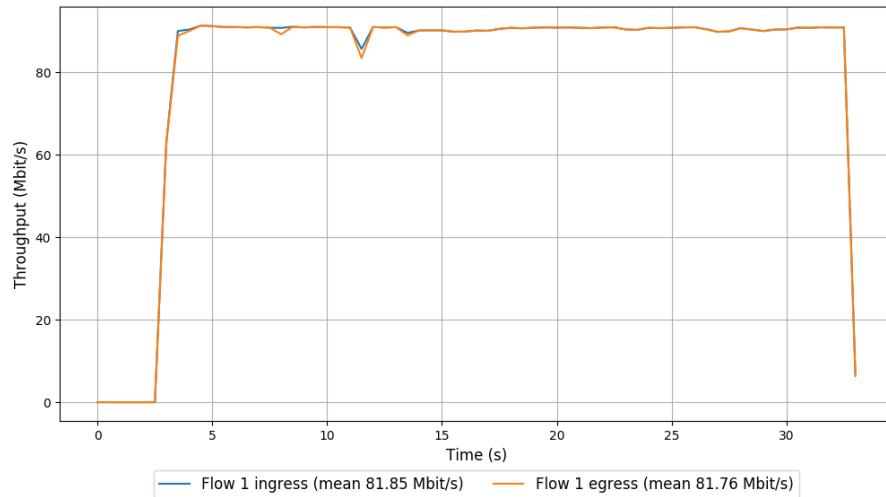
-- Flow 1:

Average throughput: 81.76 Mbit/s

95th percentile per-packet one-way delay: 1.880 ms

Loss rate: 0.12%

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

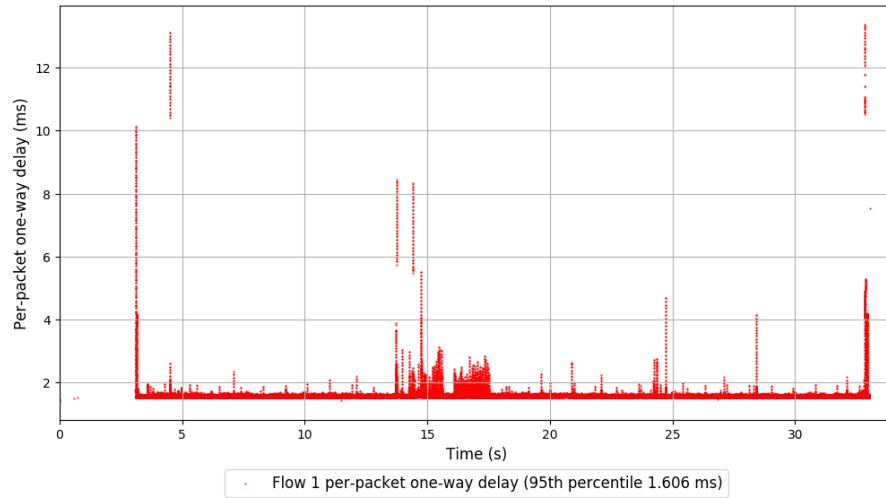
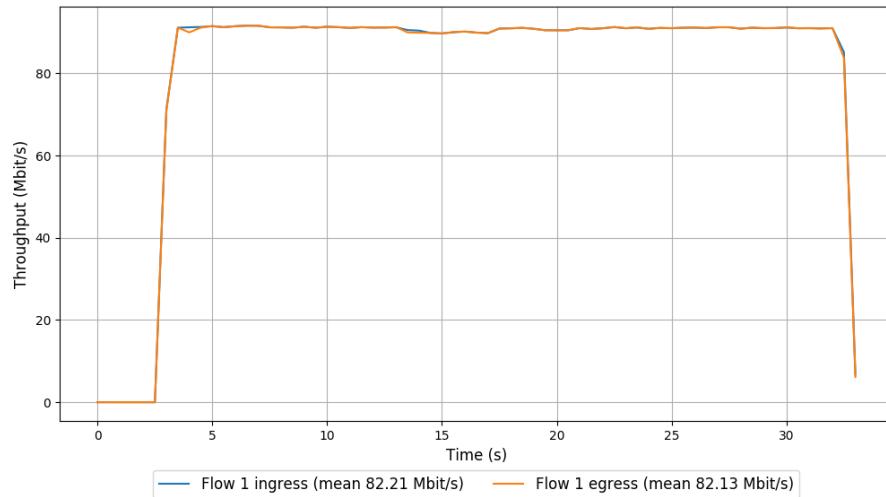


Run 10: Statistics of TaoVA-100x

```
Start at: Tue, 04 Jul 2017 06:58:49 +0000
End at: Tue, 04 Jul 2017 06:59:19 +0000
Local clock offset: 1.85 ms
Remote clock offset: 1.237 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:40:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.13 Mbit/s
95th percentile per-packet one-way delay: 1.606 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 82.13 Mbit/s
95th percentile per-packet one-way delay: 1.606 ms
Loss rate: 0.09%
```

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

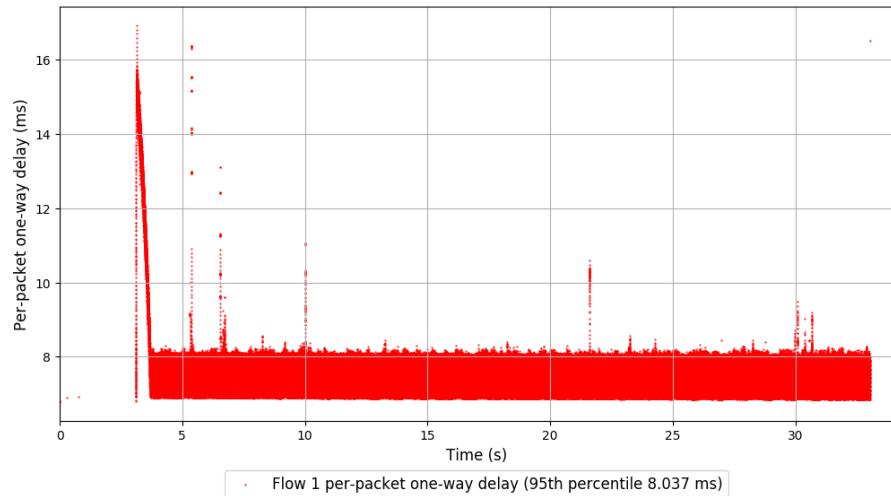
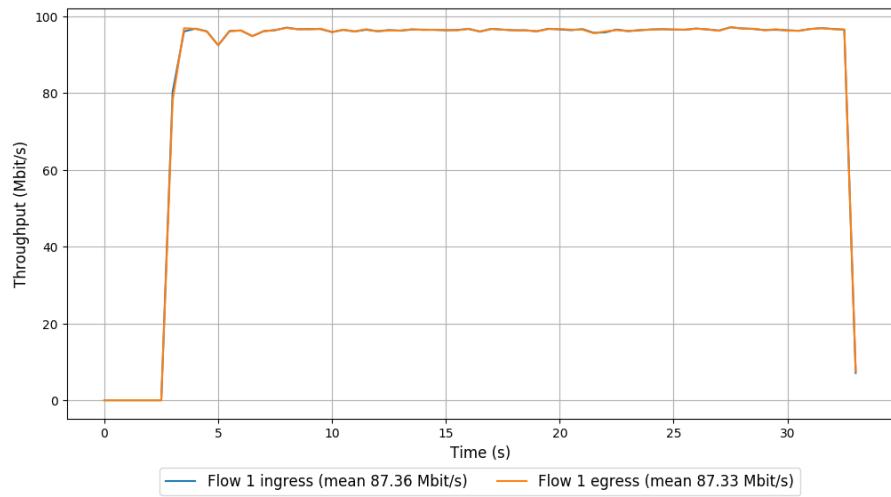


Run 1: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 04:27:13 +0000
End at: Tue, 04 Jul 2017 04:27:43 +0000
Local clock offset: -4.934 ms
Remote clock offset: -0.031 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:40:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.33 Mbit/s
95th percentile per-packet one-way delay: 8.037 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 87.33 Mbit/s
95th percentile per-packet one-way delay: 8.037 ms
Loss rate: 0.02%
```

Run 1: Report of TCP Vegas — Data Link

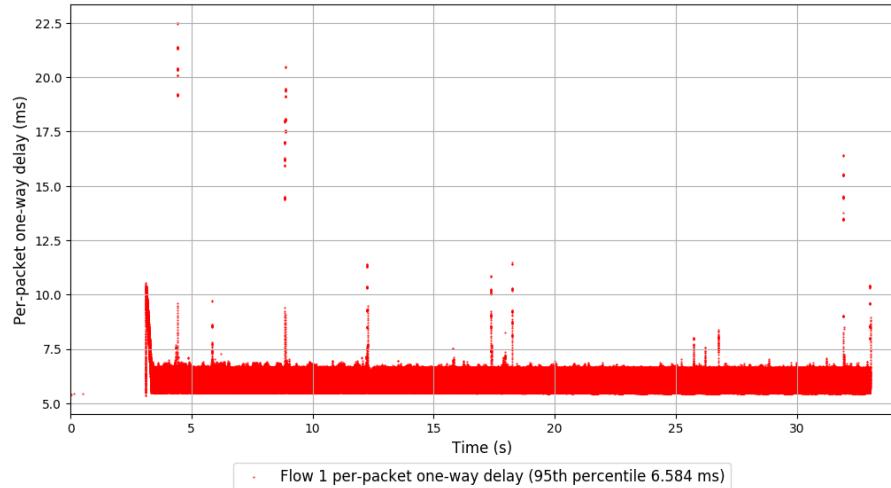
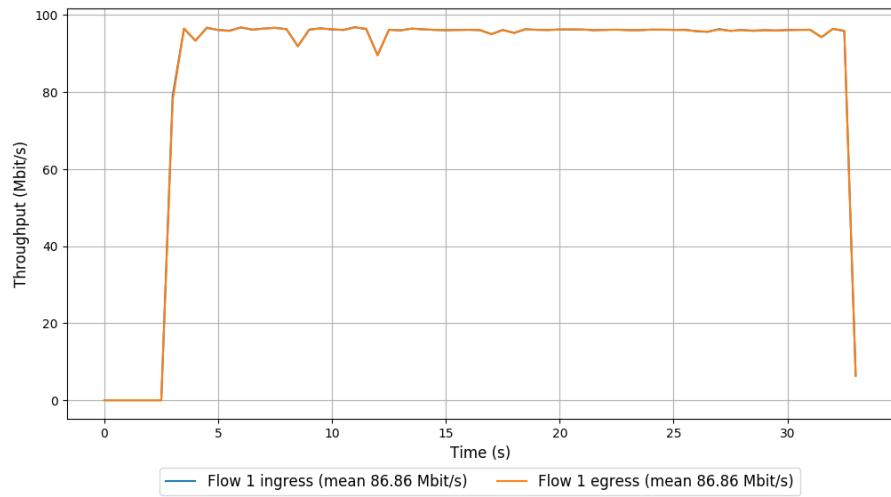


Run 2: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 04:44:05 +0000
End at: Tue, 04 Jul 2017 04:44:35 +0000
Local clock offset: -3.401 ms
Remote clock offset: 0.033 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:40:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.86 Mbit/s
95th percentile per-packet one-way delay: 6.584 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 86.86 Mbit/s
95th percentile per-packet one-way delay: 6.584 ms
Loss rate: 0.02%
```

Run 2: Report of TCP Vegas — Data Link

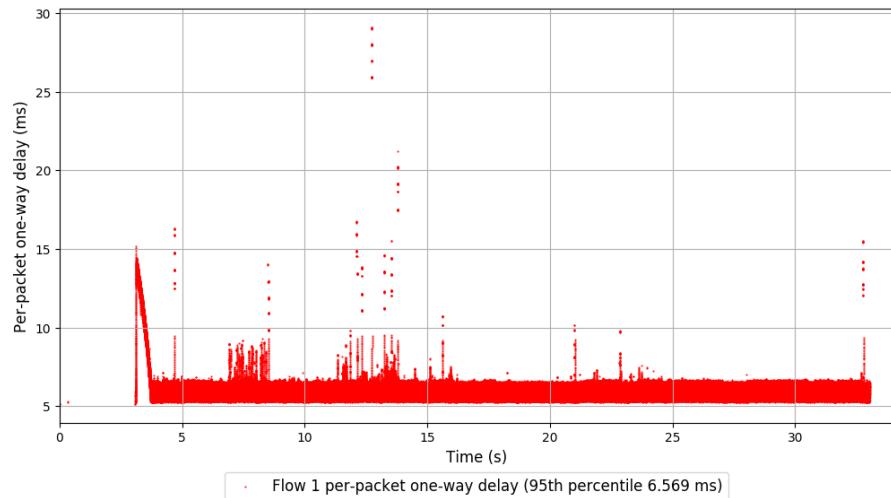
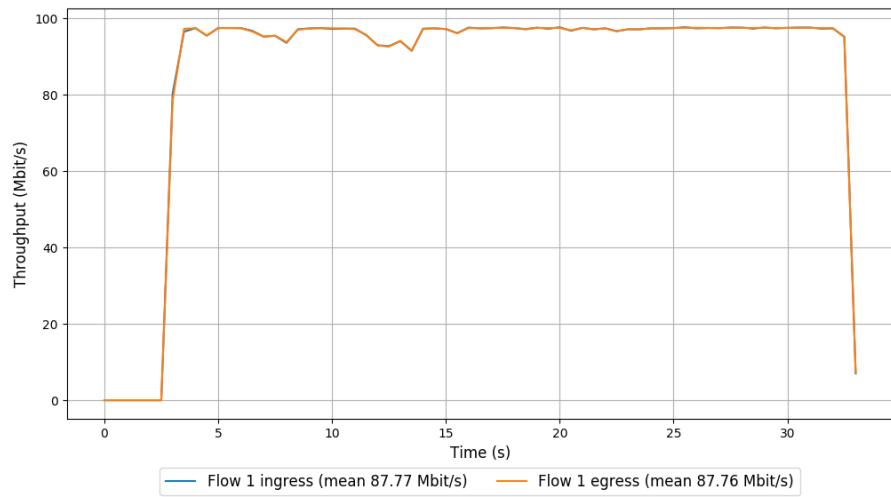


Run 3: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 05:01:10 +0000
End at: Tue, 04 Jul 2017 05:01:40 +0000
Local clock offset: -2.855 ms
Remote clock offset: 0.357 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:40:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.76 Mbit/s
95th percentile per-packet one-way delay: 6.569 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 87.76 Mbit/s
95th percentile per-packet one-way delay: 6.569 ms
Loss rate: 0.01%
```

Run 3: Report of TCP Vegas — Data Link

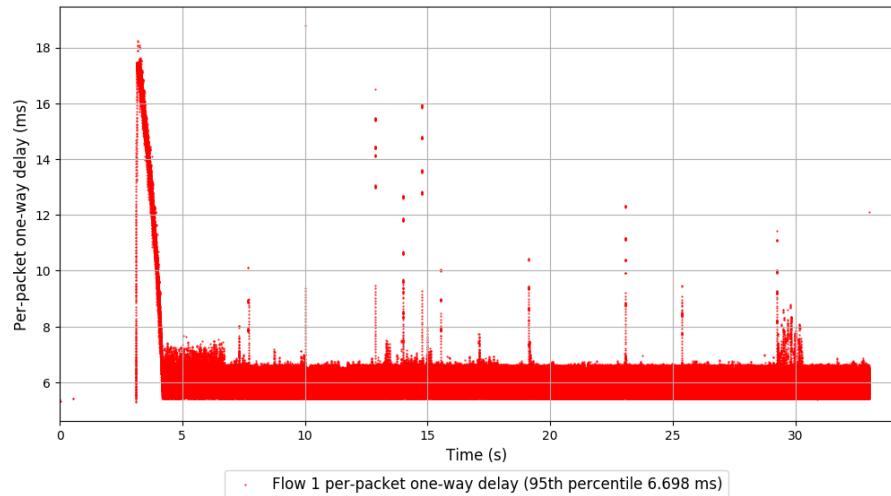
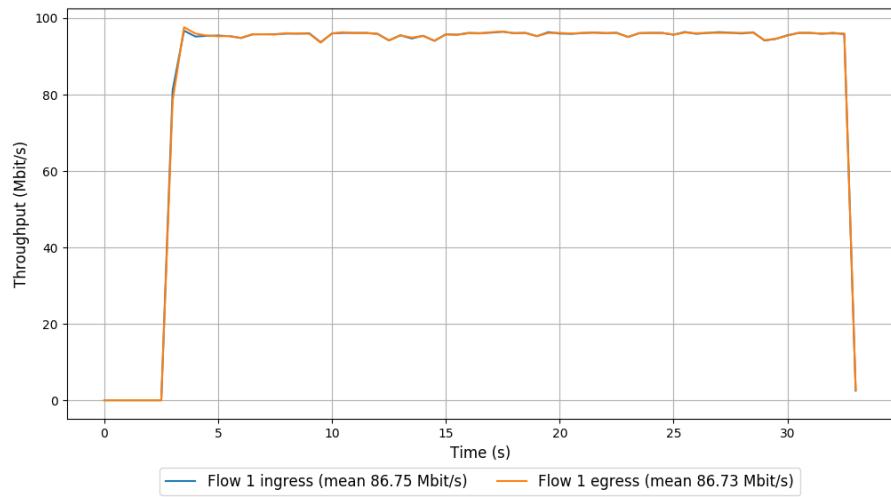


Run 4: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 05:18:00 +0000
End at: Tue, 04 Jul 2017 05:18:30 +0000
Local clock offset: -2.628 ms
Remote clock offset: 0.651 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:40:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.73 Mbit/s
95th percentile per-packet one-way delay: 6.698 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 86.73 Mbit/s
95th percentile per-packet one-way delay: 6.698 ms
Loss rate: 0.02%
```

Run 4: Report of TCP Vegas — Data Link

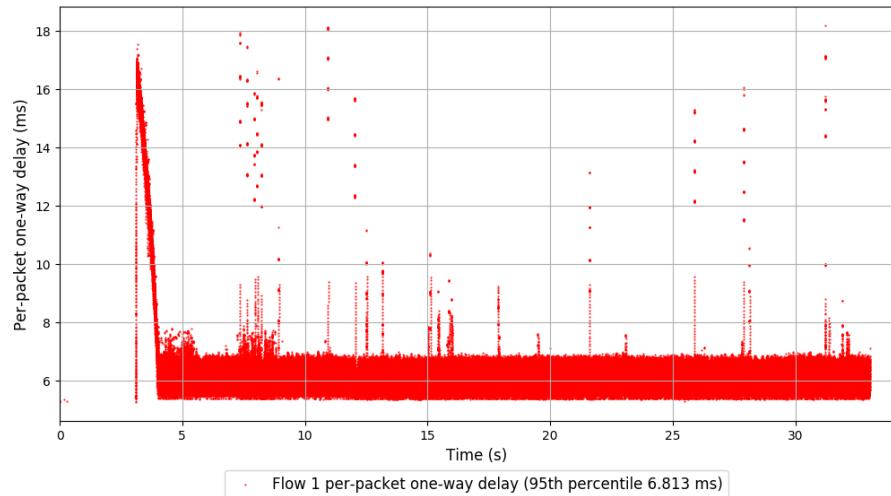
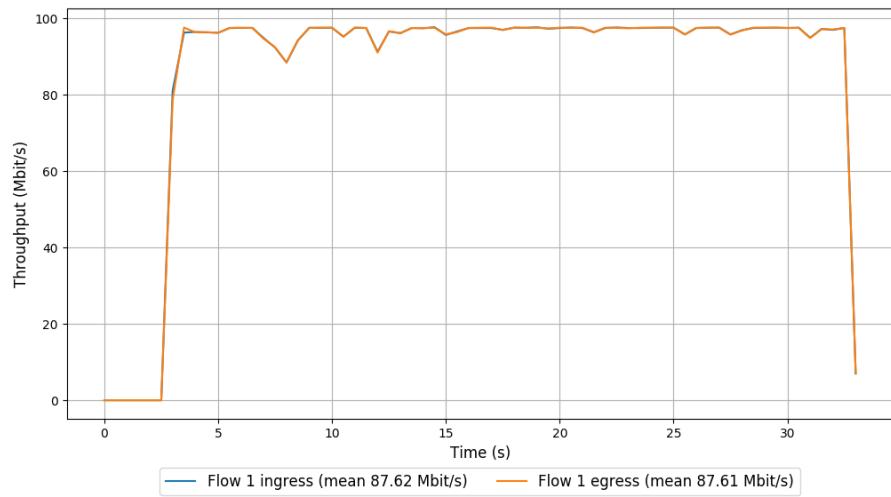


Run 5: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 05:35:01 +0000
End at: Tue, 04 Jul 2017 05:35:31 +0000
Local clock offset: -2.316 ms
Remote clock offset: 0.967 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:40:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.61 Mbit/s
95th percentile per-packet one-way delay: 6.813 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 87.61 Mbit/s
95th percentile per-packet one-way delay: 6.813 ms
Loss rate: 0.02%
```

Run 5: Report of TCP Vegas — Data Link

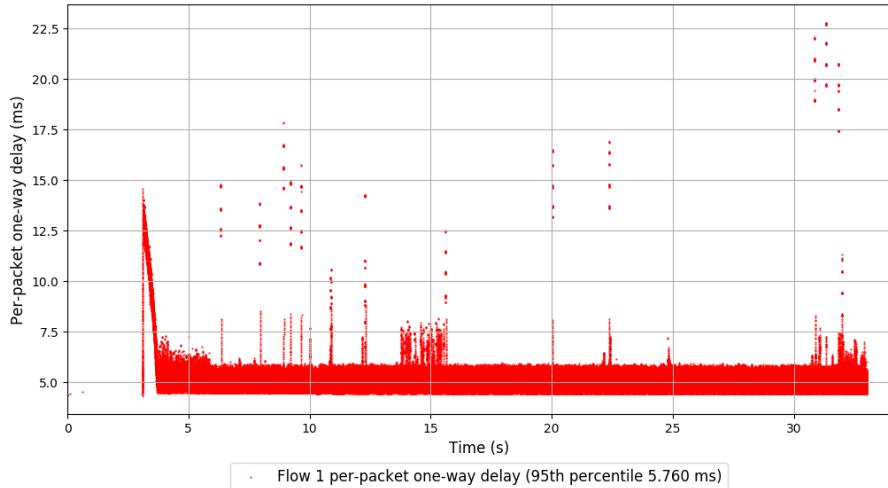
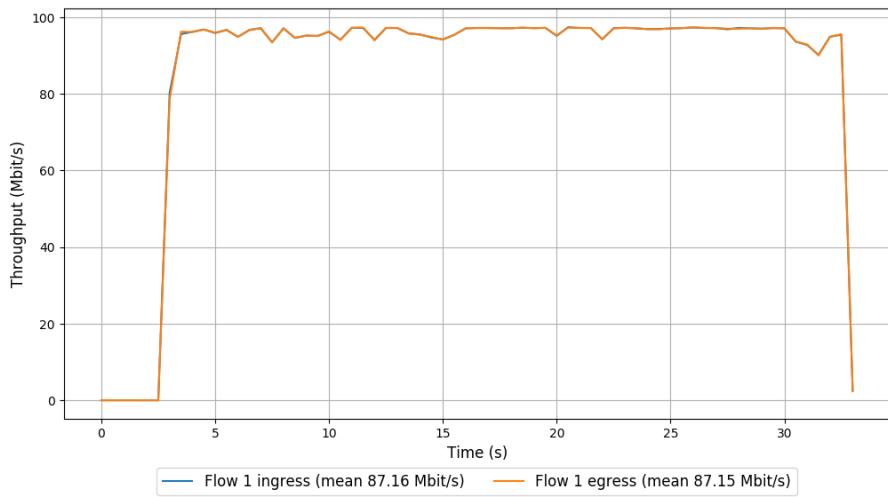


Run 6: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 05:52:01 +0000
End at: Tue, 04 Jul 2017 05:52:31 +0000
Local clock offset: -1.424 ms
Remote clock offset: 1.051 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:40:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.15 Mbit/s
95th percentile per-packet one-way delay: 5.760 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 87.15 Mbit/s
95th percentile per-packet one-way delay: 5.760 ms
Loss rate: 0.02%
```

Run 6: Report of TCP Vegas — Data Link

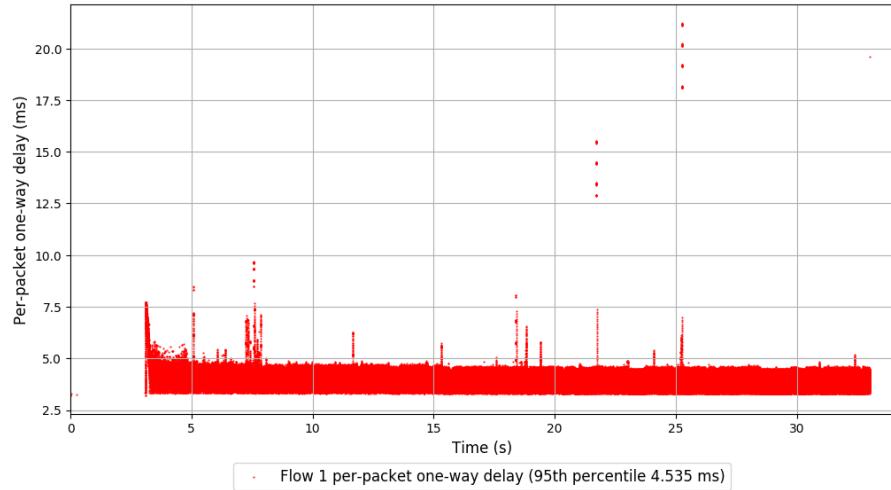
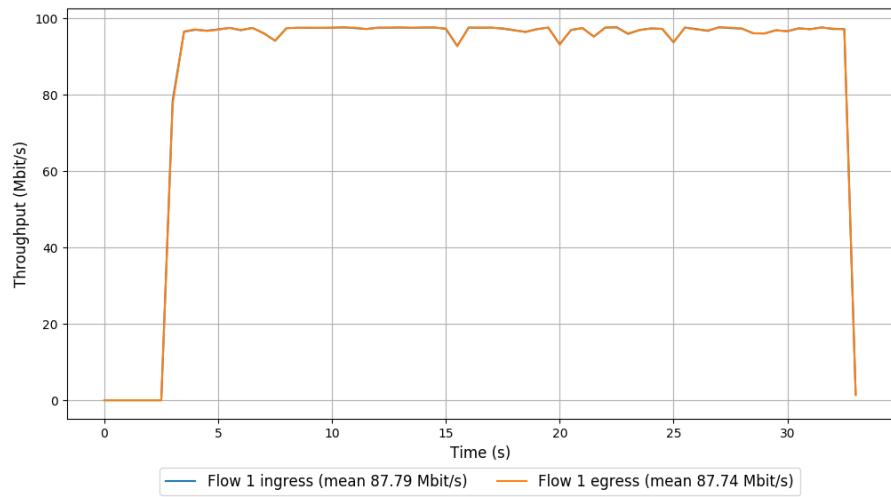


Run 7: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 06:09:01 +0000
End at: Tue, 04 Jul 2017 06:09:31 +0000
Local clock offset: -0.2 ms
Remote clock offset: 1.009 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:41:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.74 Mbit/s
95th percentile per-packet one-way delay: 4.535 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 87.74 Mbit/s
95th percentile per-packet one-way delay: 4.535 ms
Loss rate: 0.02%
```

Run 7: Report of TCP Vegas — Data Link

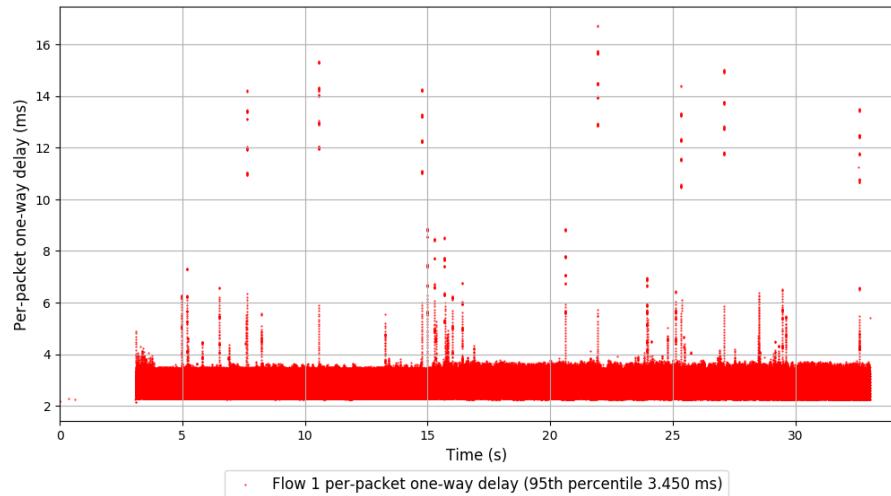
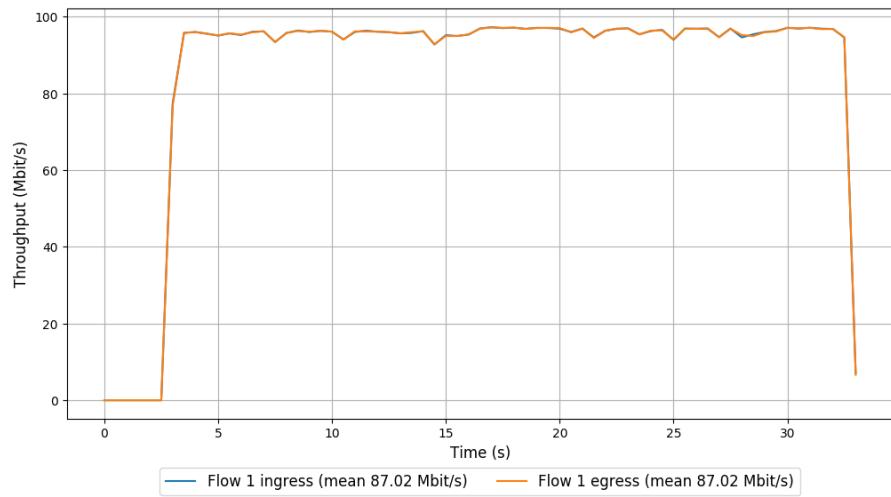


Run 8: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 06:26:02 +0000
End at: Tue, 04 Jul 2017 06:26:32 +0000
Local clock offset: 0.815 ms
Remote clock offset: 0.928 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:41:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.02 Mbit/s
95th percentile per-packet one-way delay: 3.450 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 87.02 Mbit/s
95th percentile per-packet one-way delay: 3.450 ms
Loss rate: 0.02%
```

Run 8: Report of TCP Vegas — Data Link

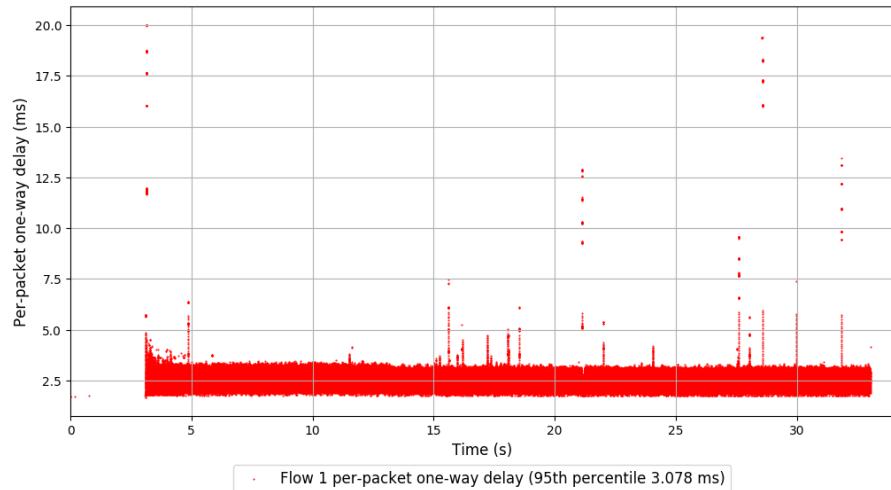
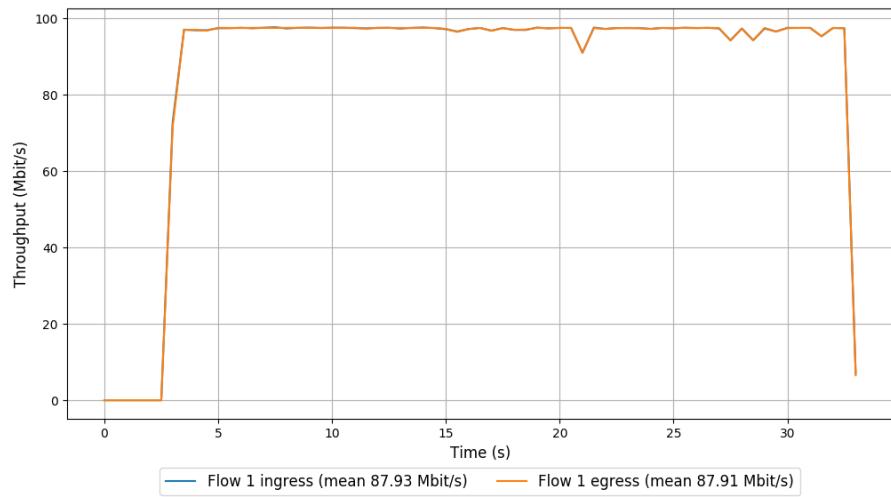


Run 9: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 06:43:01 +0000
End at: Tue, 04 Jul 2017 06:43:31 +0000
Local clock offset: 1.479 ms
Remote clock offset: 1.178 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:41:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.91 Mbit/s
95th percentile per-packet one-way delay: 3.078 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 87.91 Mbit/s
95th percentile per-packet one-way delay: 3.078 ms
Loss rate: 0.03%
```

Run 9: Report of TCP Vegas — Data Link

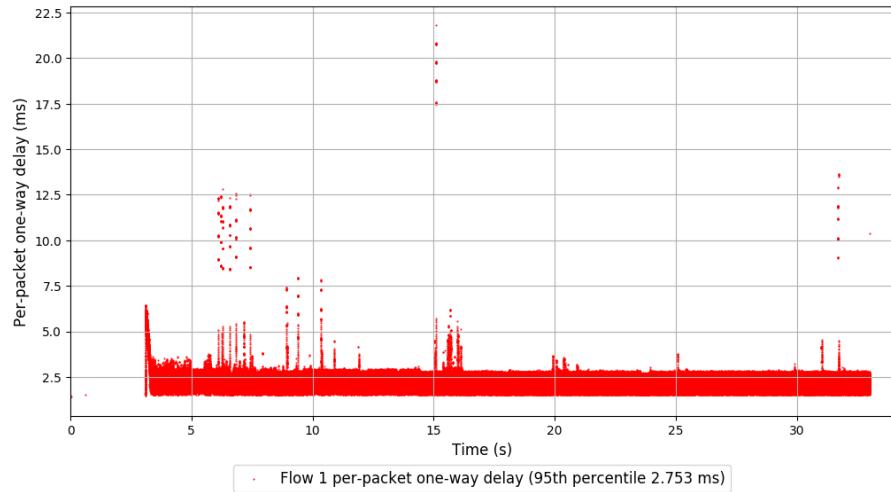
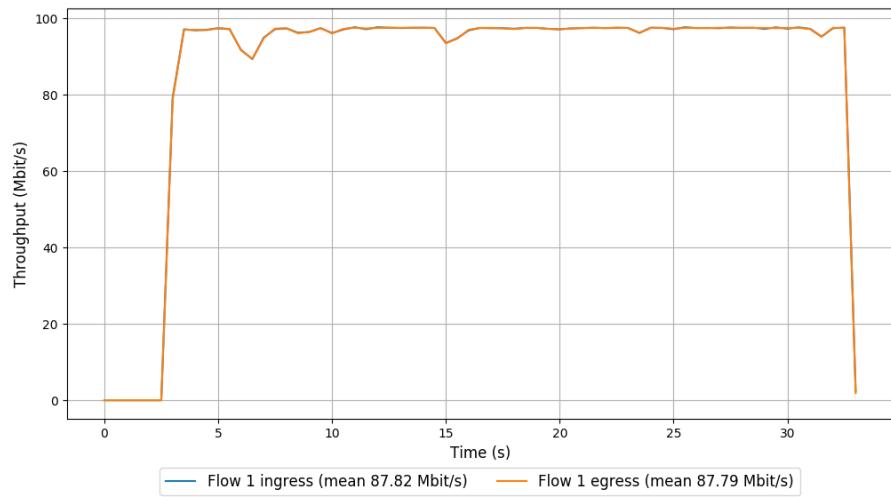


Run 10: Statistics of TCP Vegas

```
Start at: Tue, 04 Jul 2017 07:00:02 +0000
End at: Tue, 04 Jul 2017 07:00:32 +0000
Local clock offset: 1.838 ms
Remote clock offset: 1.218 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:41:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.79 Mbit/s
95th percentile per-packet one-way delay: 2.753 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 87.79 Mbit/s
95th percentile per-packet one-way delay: 2.753 ms
Loss rate: 0.02%
```

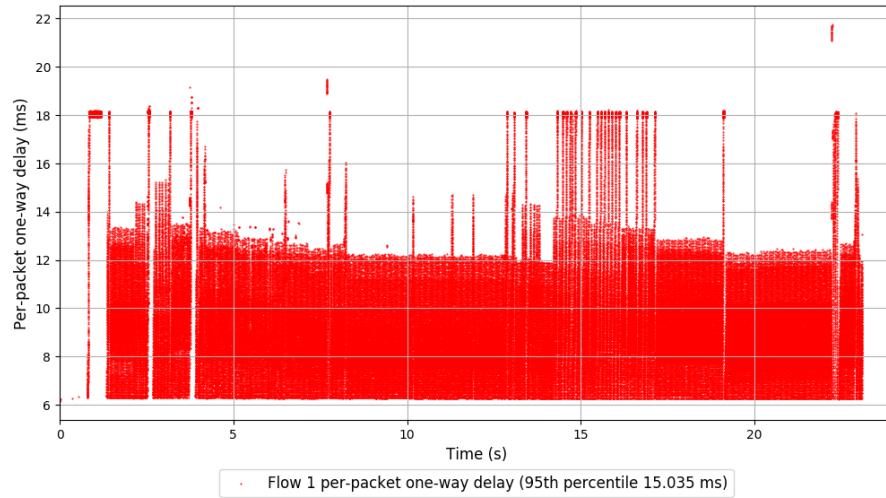
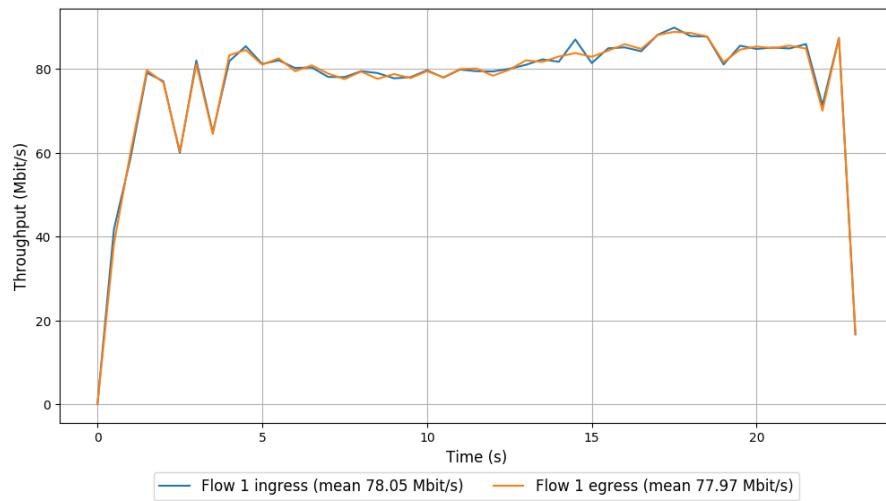
Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: Tue, 04 Jul 2017 04:33:50 +0000
End at: Tue, 04 Jul 2017 04:34:20 +0000
Local clock offset: -4.305 ms
Remote clock offset: -0.032 ms

Run 1: Report of Verus — Data Link

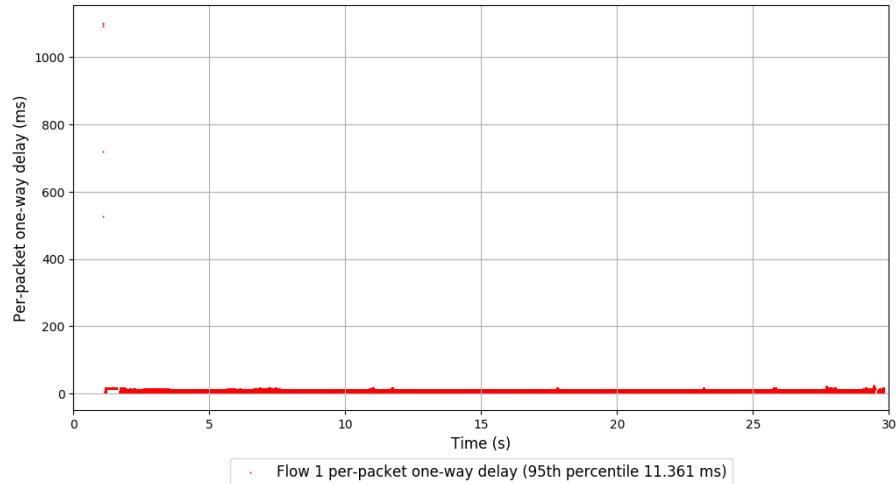
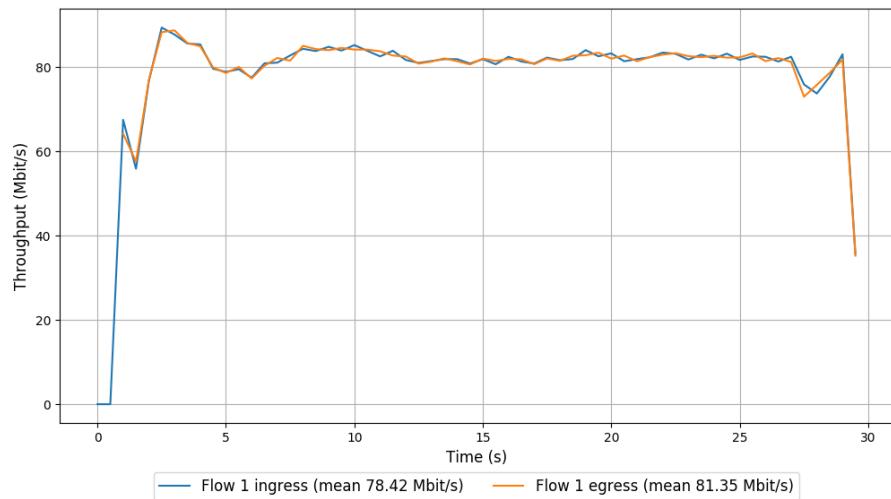


Run 2: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 04:50:48 +0000
End at: Tue, 04 Jul 2017 04:51:18 +0000
Local clock offset: -3.117 ms
Remote clock offset: 0.12 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:41:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.35 Mbit/s
95th percentile per-packet one-way delay: 11.361 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 81.35 Mbit/s
95th percentile per-packet one-way delay: 11.361 ms
Loss rate: 0.07%
```

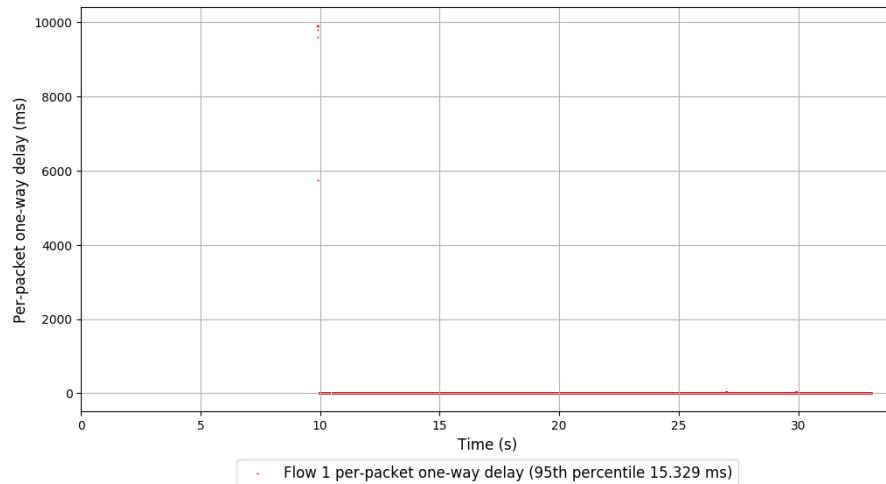
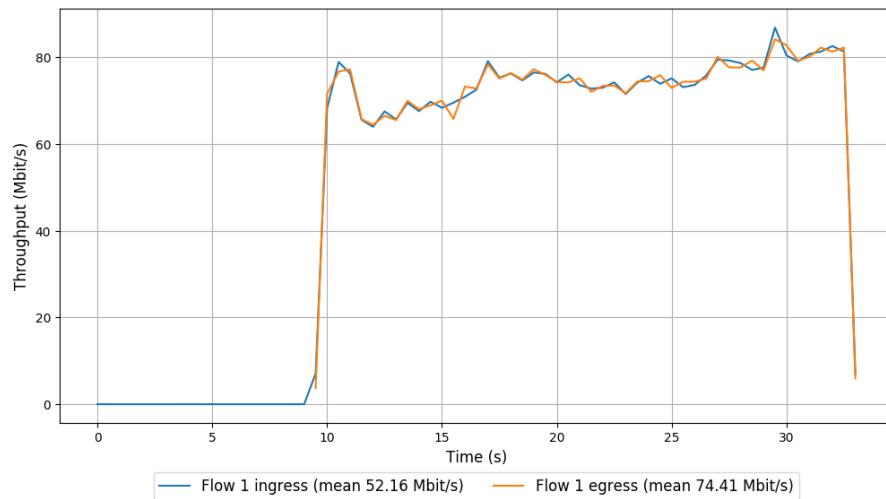
Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: Tue, 04 Jul 2017 05:07:47 +0000
End at: Tue, 04 Jul 2017 05:08:17 +0000
Local clock offset: -2.854 ms
Remote clock offset: 0.397 ms

Run 3: Report of Verus — Data Link

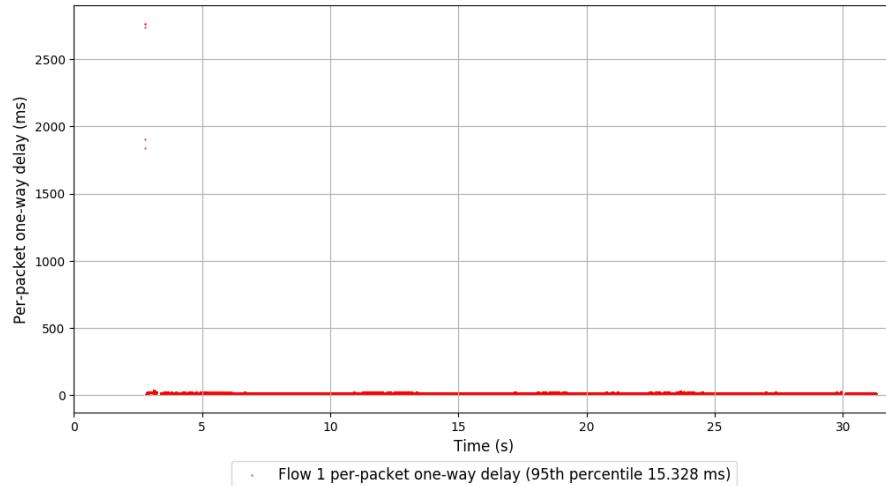
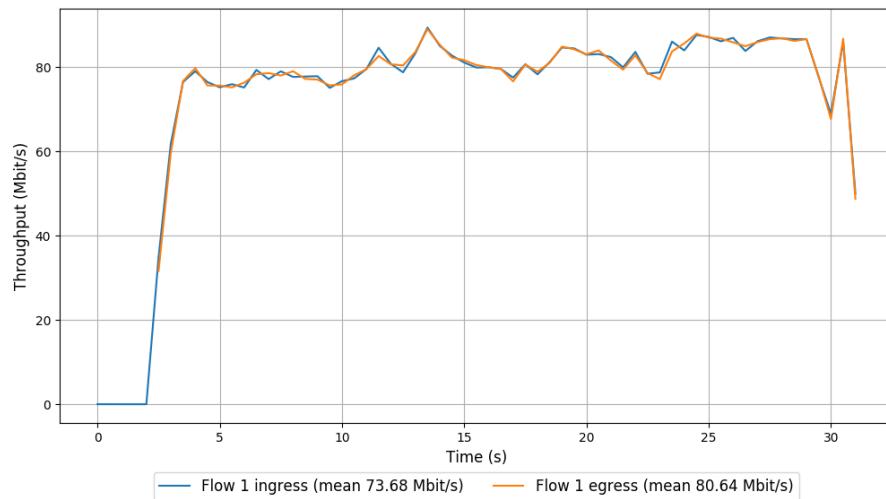


Run 4: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 05:24:44 +0000
End at: Tue, 04 Jul 2017 05:25:14 +0000
Local clock offset: -2.59 ms
Remote clock offset: 0.754 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:41:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.64 Mbit/s
95th percentile per-packet one-way delay: 15.328 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 80.64 Mbit/s
95th percentile per-packet one-way delay: 15.328 ms
Loss rate: 0.21%
```

Run 4: Report of Verus — Data Link

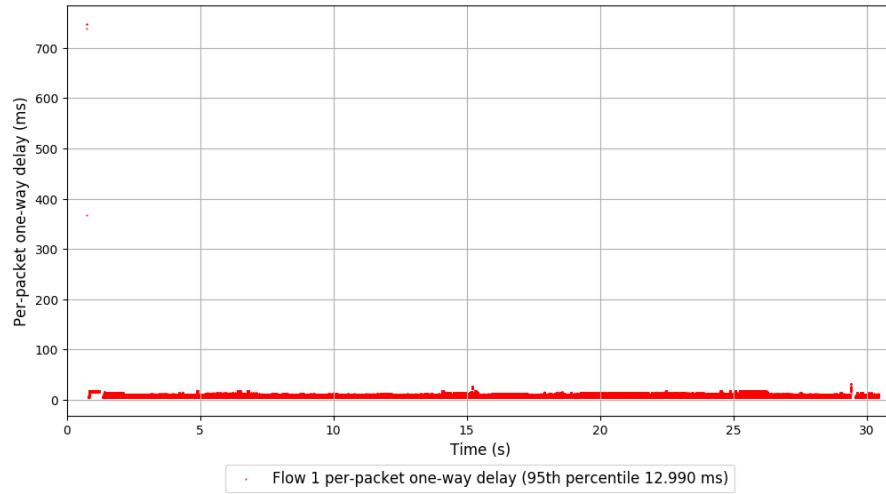
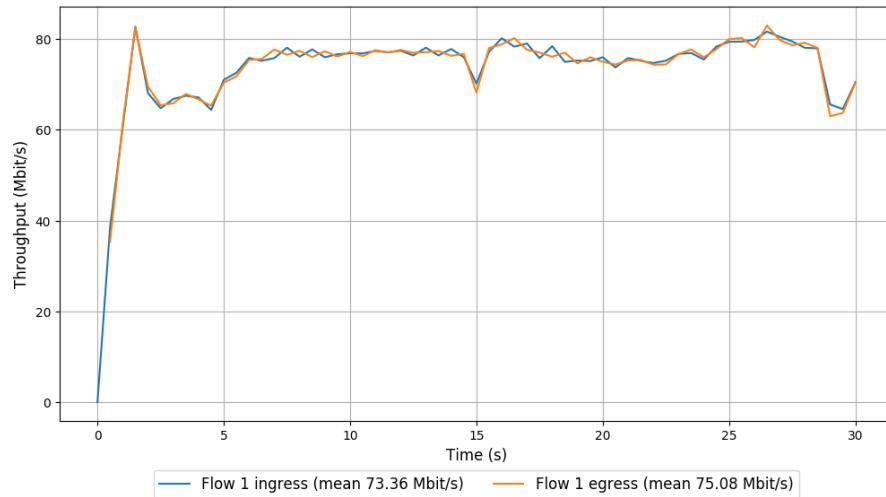


Run 5: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 05:41:45 +0000
End at: Tue, 04 Jul 2017 05:42:15 +0000
Local clock offset: -1.988 ms
Remote clock offset: 0.94 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:41:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.08 Mbit/s
95th percentile per-packet one-way delay: 12.990 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 75.08 Mbit/s
95th percentile per-packet one-way delay: 12.990 ms
Loss rate: 0.14%
```

Run 5: Report of Verus — Data Link

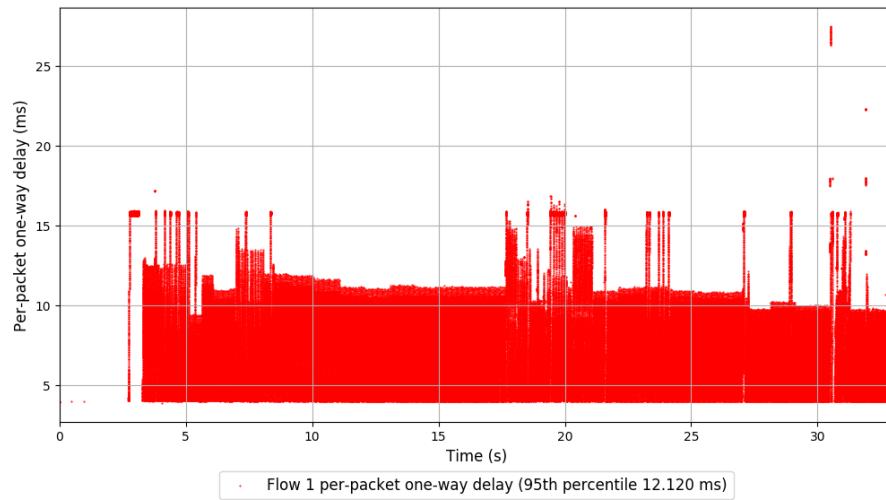
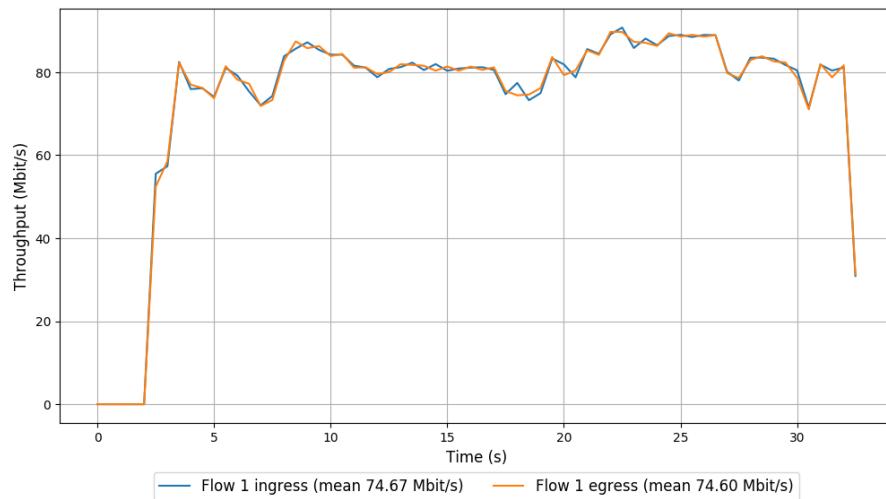


Run 6: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 05:58:45 +0000
End at: Tue, 04 Jul 2017 05:59:15 +0000
Local clock offset: -0.862 ms
Remote clock offset: 1.065 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:41:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.60 Mbit/s
95th percentile per-packet one-way delay: 12.120 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 74.60 Mbit/s
95th percentile per-packet one-way delay: 12.120 ms
Loss rate: 0.09%
```

Run 6: Report of Verus — Data Link

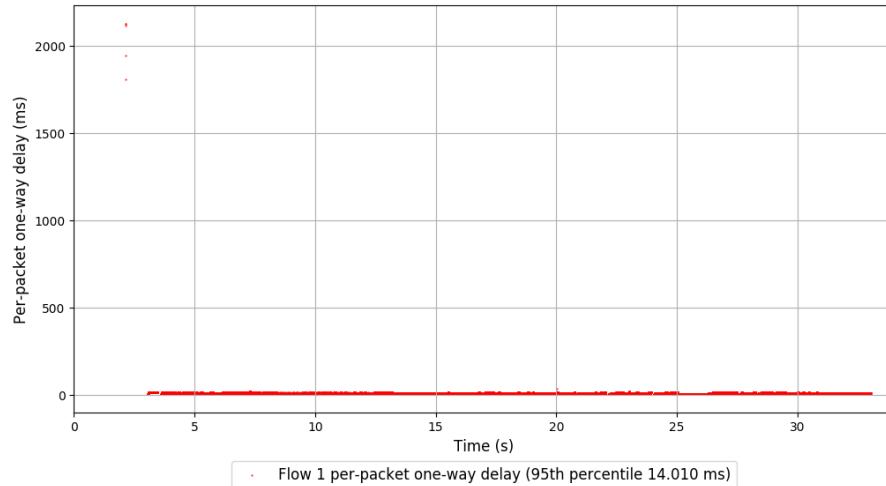
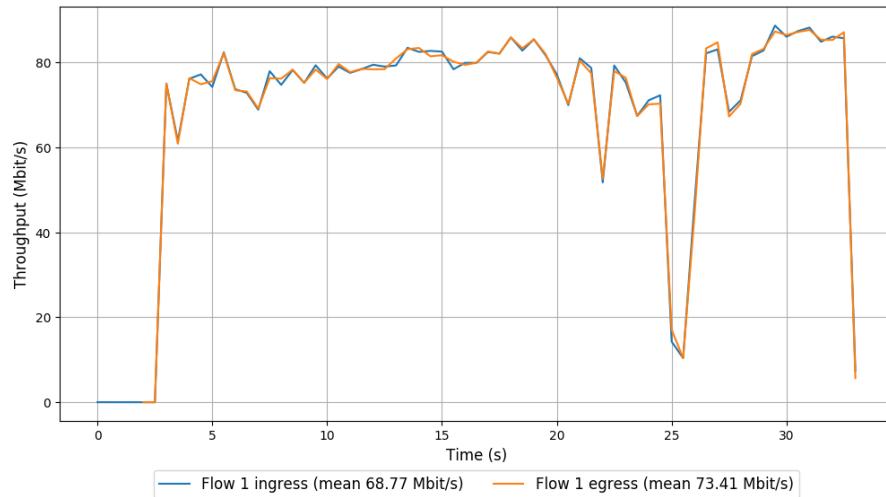


Run 7: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 06:15:46 +0000
End at: Tue, 04 Jul 2017 06:16:16 +0000
Local clock offset: 0.139 ms
Remote clock offset: 0.941 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:41:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.41 Mbit/s
95th percentile per-packet one-way delay: 14.010 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 73.41 Mbit/s
95th percentile per-packet one-way delay: 14.010 ms
Loss rate: 0.13%
```

Run 7: Report of Verus — Data Link

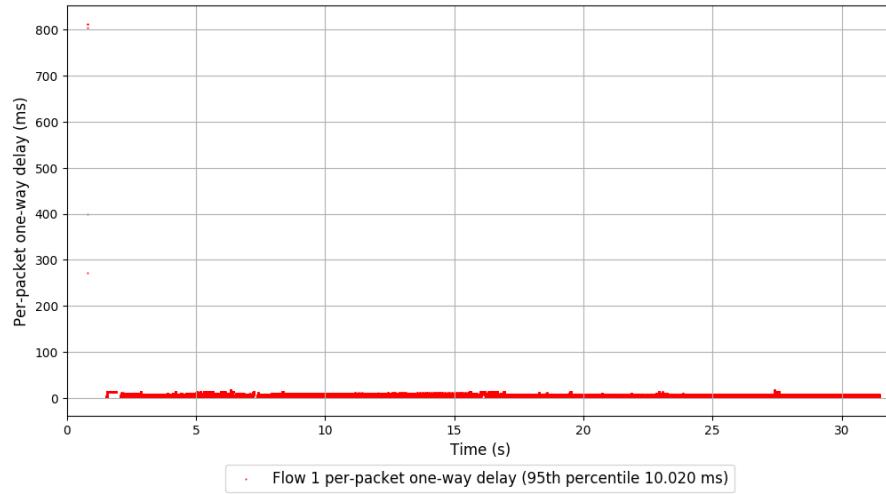
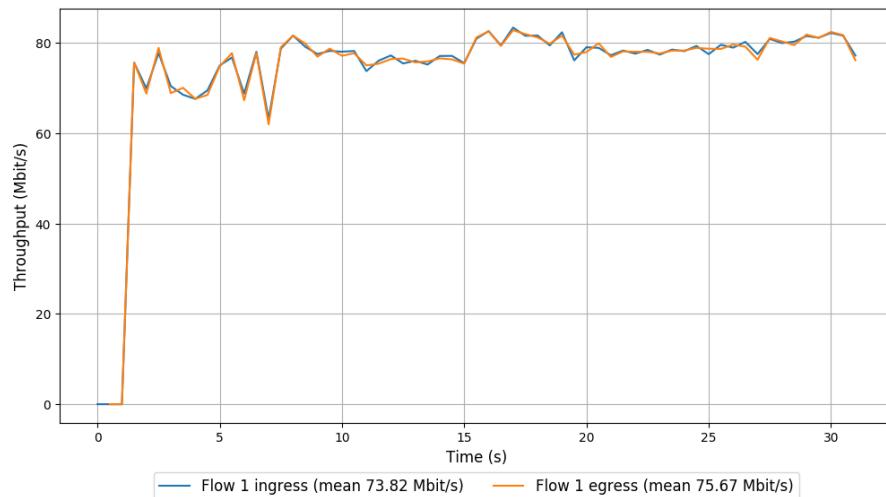


Run 8: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 06:32:45 +0000
End at: Tue, 04 Jul 2017 06:33:15 +0000
Local clock offset: 1.127 ms
Remote clock offset: 1.054 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.67 Mbit/s
95th percentile per-packet one-way delay: 10.020 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 75.67 Mbit/s
95th percentile per-packet one-way delay: 10.020 ms
Loss rate: 0.14%
```

Run 8: Report of Verus — Data Link

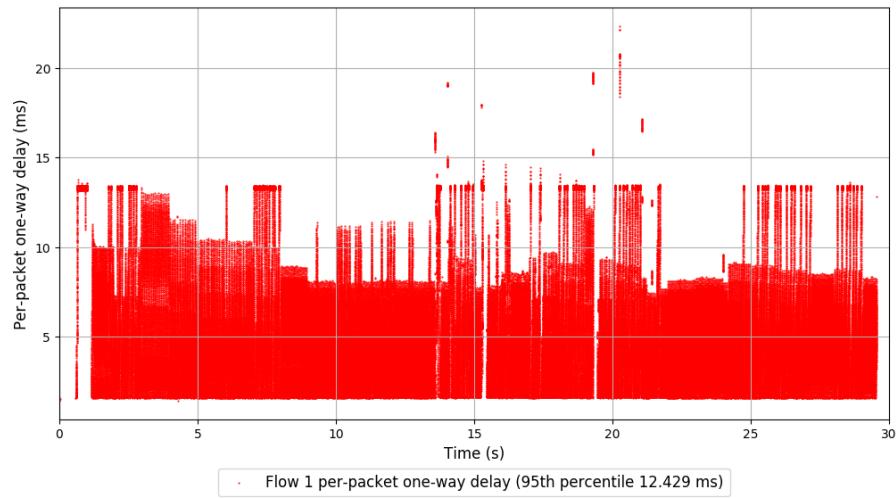
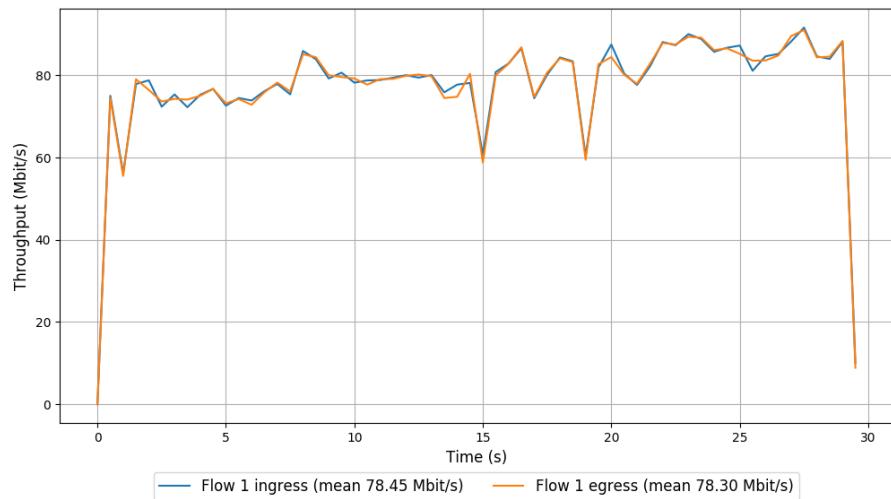


Run 9: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 06:49:45 +0000
End at: Tue, 04 Jul 2017 06:50:15 +0000
Local clock offset: 1.681 ms
Remote clock offset: 1.167 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.30 Mbit/s
95th percentile per-packet one-way delay: 12.429 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 78.30 Mbit/s
95th percentile per-packet one-way delay: 12.429 ms
Loss rate: 0.19%
```

Run 9: Report of Verus — Data Link

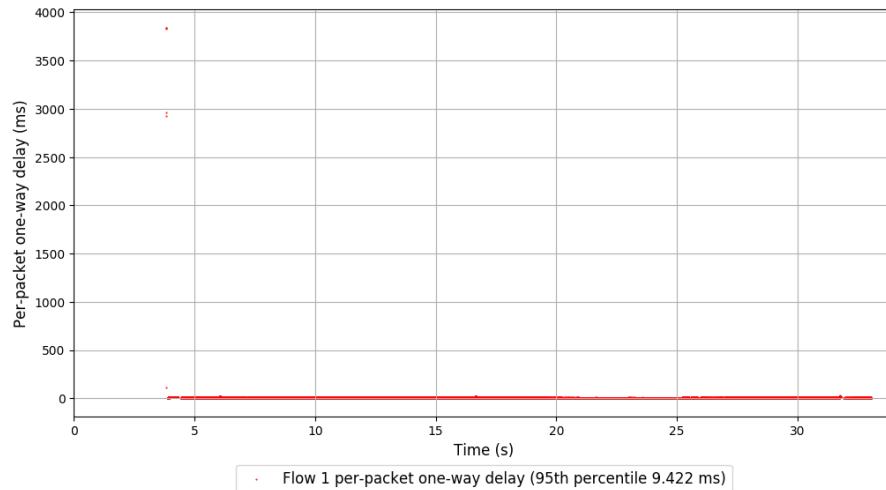
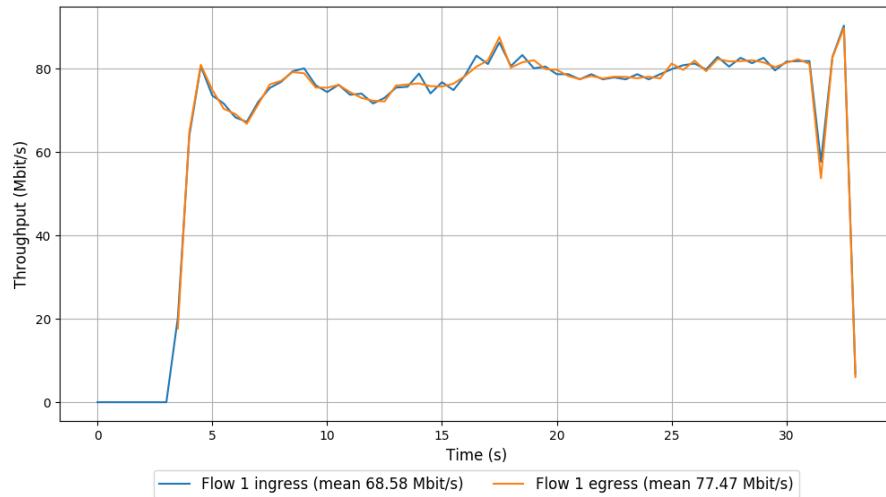


Run 10: Statistics of Verus

```
Start at: Tue, 04 Jul 2017 07:06:46 +0000
End at: Tue, 04 Jul 2017 07:07:16 +0000
Local clock offset: 1.99 ms
Remote clock offset: 1.243 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.47 Mbit/s
95th percentile per-packet one-way delay: 9.422 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 77.47 Mbit/s
95th percentile per-packet one-way delay: 9.422 ms
Loss rate: 0.17%
```

Run 10: Report of Verus — Data Link

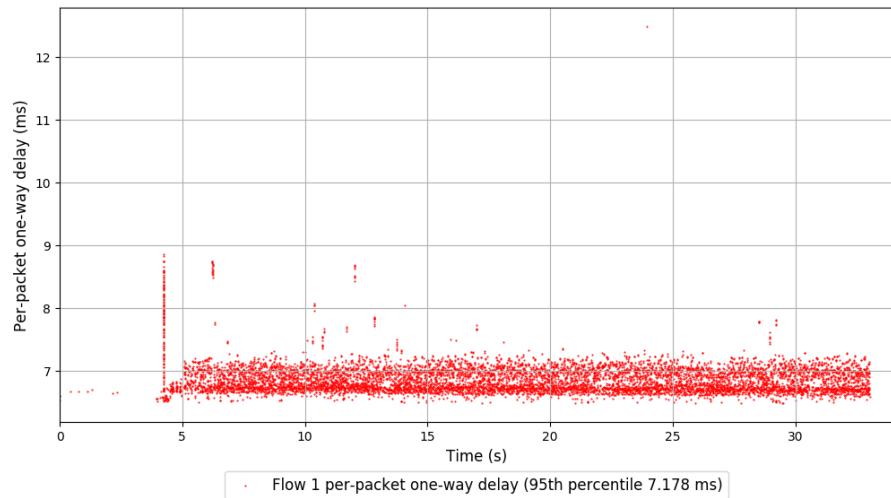
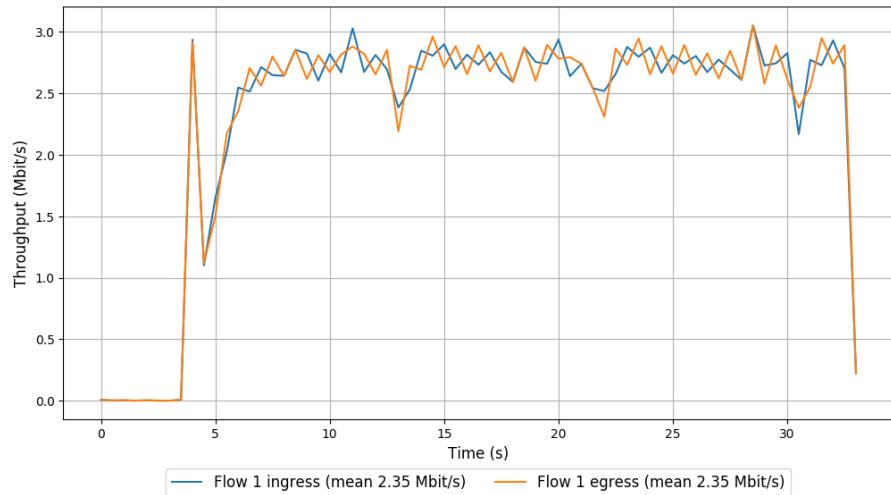


```
Run 1: Statistics of WebRTC media

Start at: Tue, 04 Jul 2017 04:29:27 +0000
End at: Tue, 04 Jul 2017 04:29:57 +0000
Local clock offset: -4.731 ms
Remote clock offset: -0.032 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 7.178 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 7.178 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

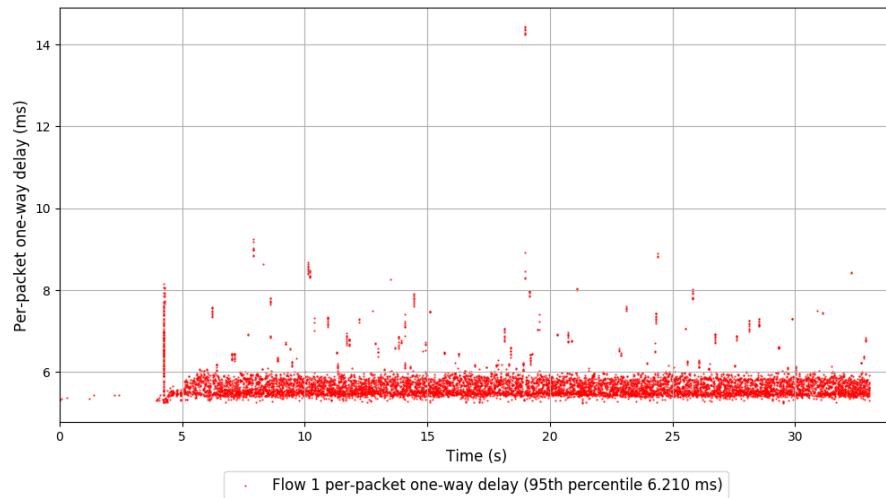
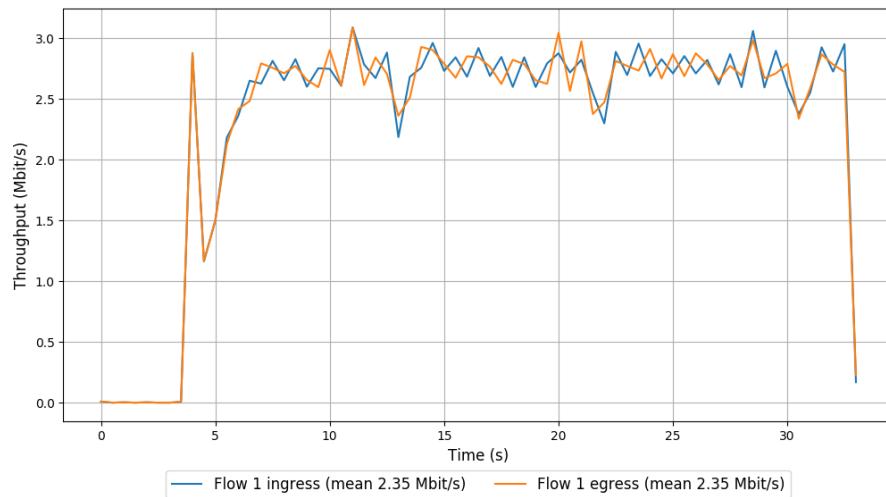


Run 2: Statistics of WebRTC media

```
Start at: Tue, 04 Jul 2017 04:46:18 +0000
End at: Tue, 04 Jul 2017 04:46:48 +0000
Local clock offset: -3.258 ms
Remote clock offset: 0.08 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 6.210 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 6.210 ms
Loss rate: 0.11%
```

Run 2: Report of WebRTC media — Data Link

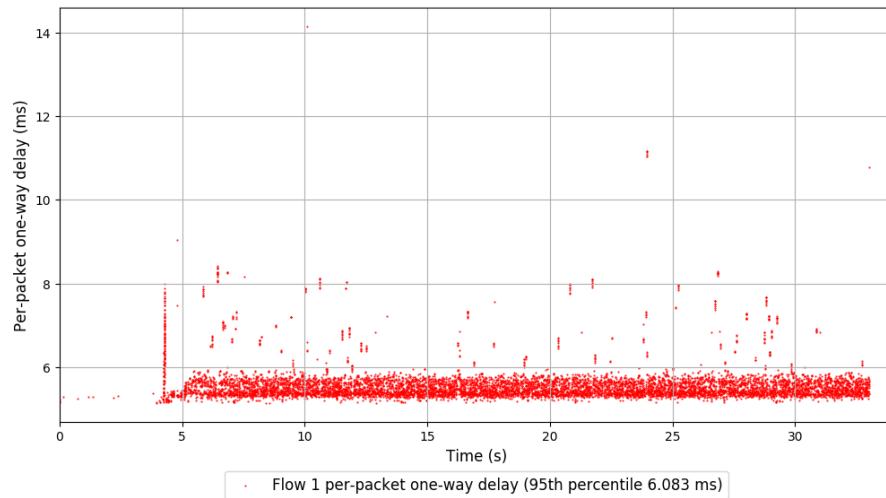
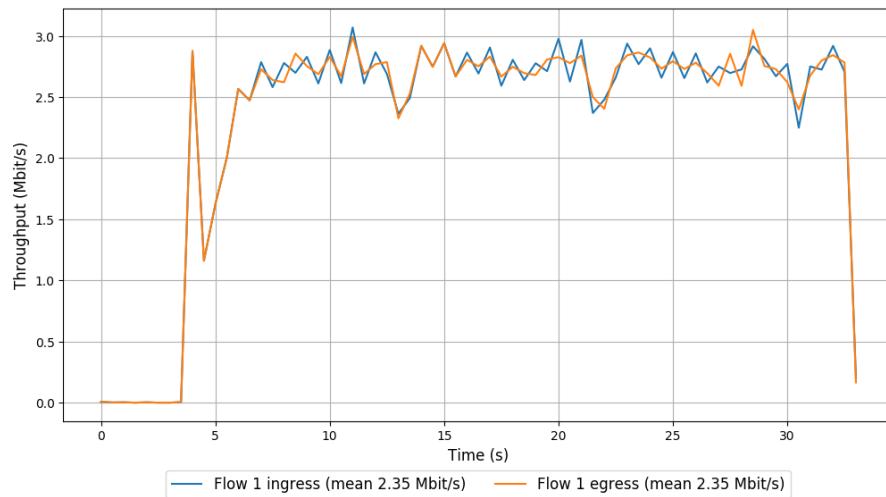


```
Run 3: Statistics of WebRTC media

Start at: Tue, 04 Jul 2017 05:03:24 +0000
End at: Tue, 04 Jul 2017 05:03:54 +0000
Local clock offset: -2.784 ms
Remote clock offset: 0.34 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 6.083 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 6.083 ms
Loss rate: 0.02%
```

Run 3: Report of WebRTC media — Data Link

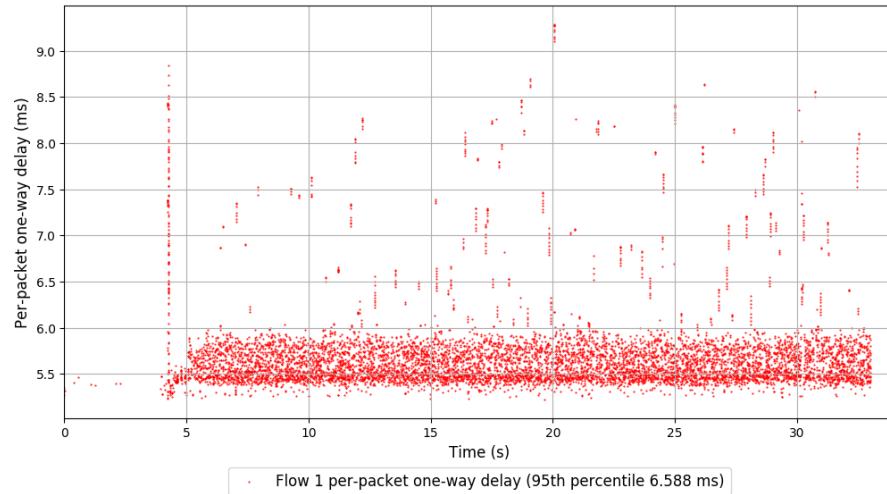
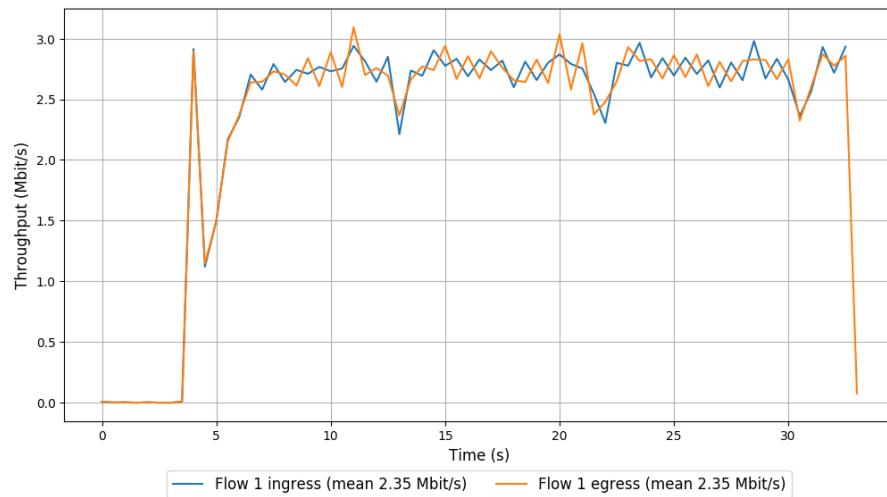


Run 4: Statistics of WebRTC media

```
Start at: Tue, 04 Jul 2017 05:20:13 +0000
End at: Tue, 04 Jul 2017 05:20:43 +0000
Local clock offset: -2.583 ms
Remote clock offset: 0.656 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 6.588 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 6.588 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

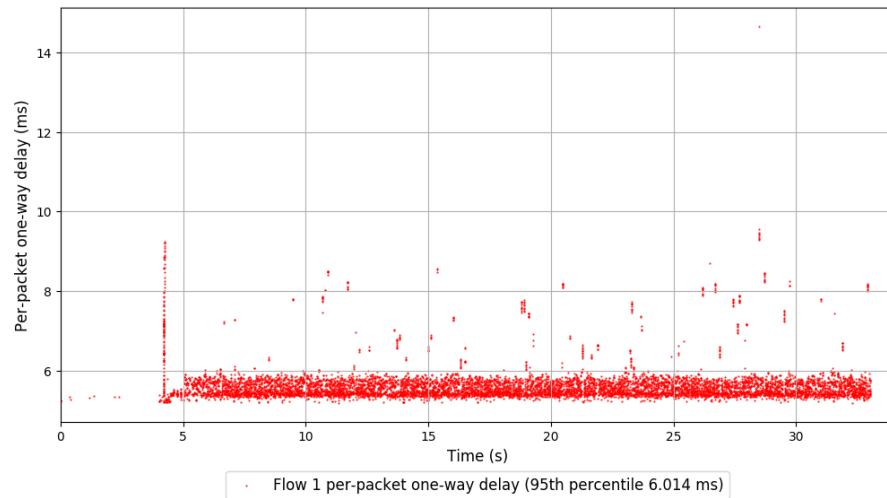
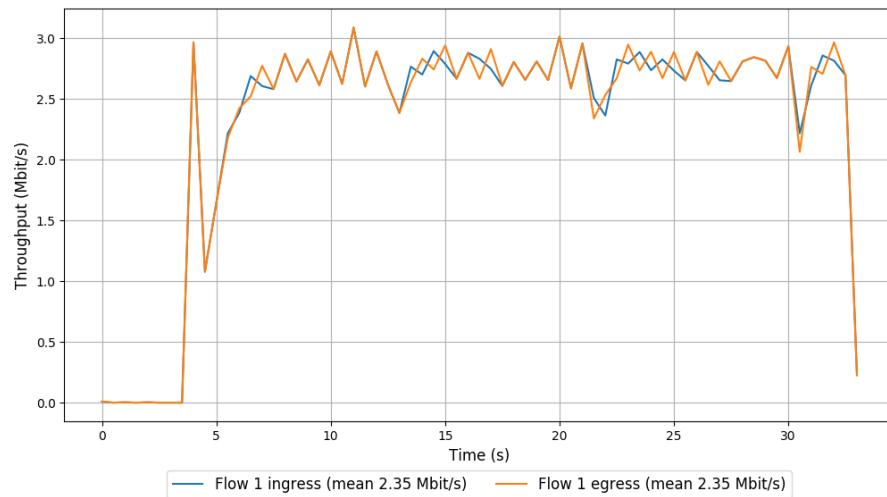


```
Run 5: Statistics of WebRTC media

Start at: Tue, 04 Jul 2017 05:37:14 +0000
End at: Tue, 04 Jul 2017 05:37:44 +0000
Local clock offset: -2.325 ms
Remote clock offset: 0.976 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 6.014 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 6.014 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

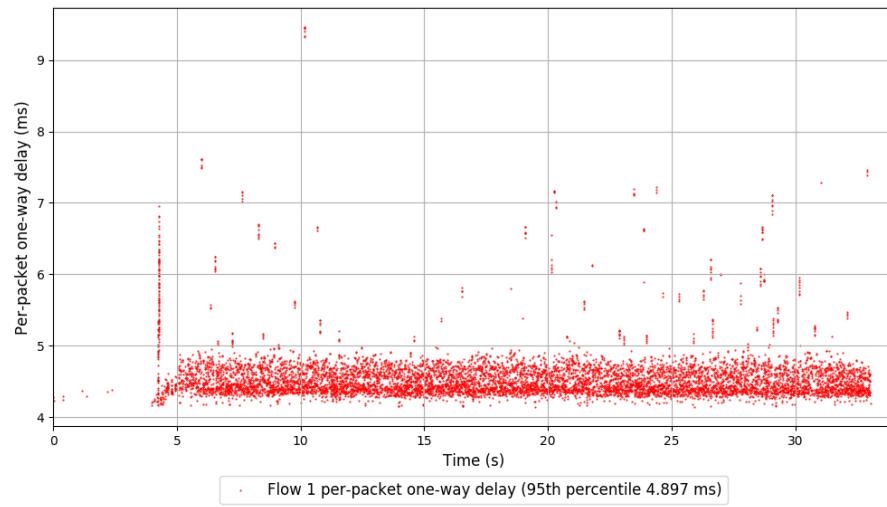
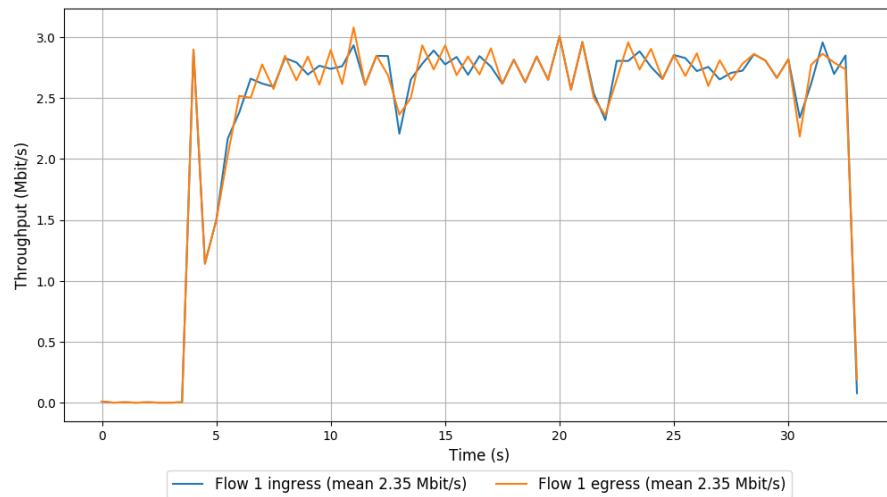


```
Run 6: Statistics of WebRTC media

Start at: Tue, 04 Jul 2017 05:54:14 +0000
End at: Tue, 04 Jul 2017 05:54:44 +0000
Local clock offset: -1.186 ms
Remote clock offset: 1.013 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 4.897 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 4.897 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: Tue, 04 Jul 2017 06:11:15 +0000

End at: Tue, 04 Jul 2017 06:11:45 +0000

Local clock offset: -0.112 ms

Remote clock offset: 1.03 ms

Below is generated by plot.py at Tue, 04 Jul 2017 08:42:16 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 3.722 ms

Loss rate: 0.10%

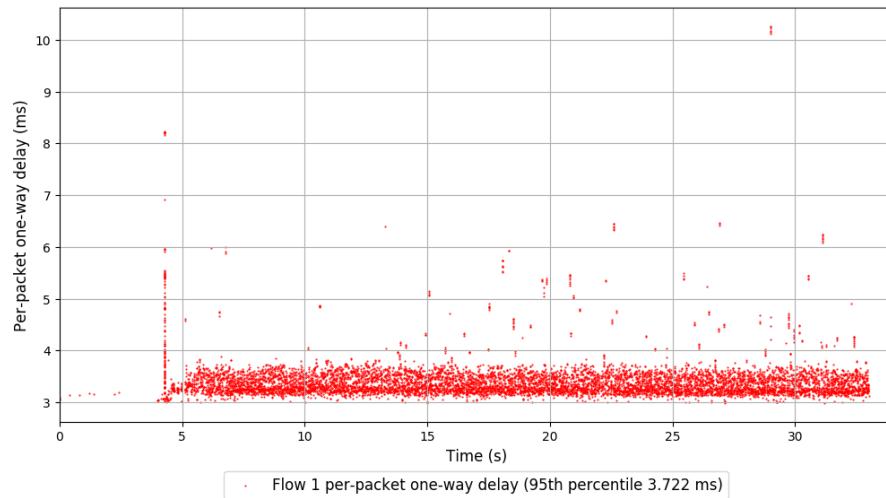
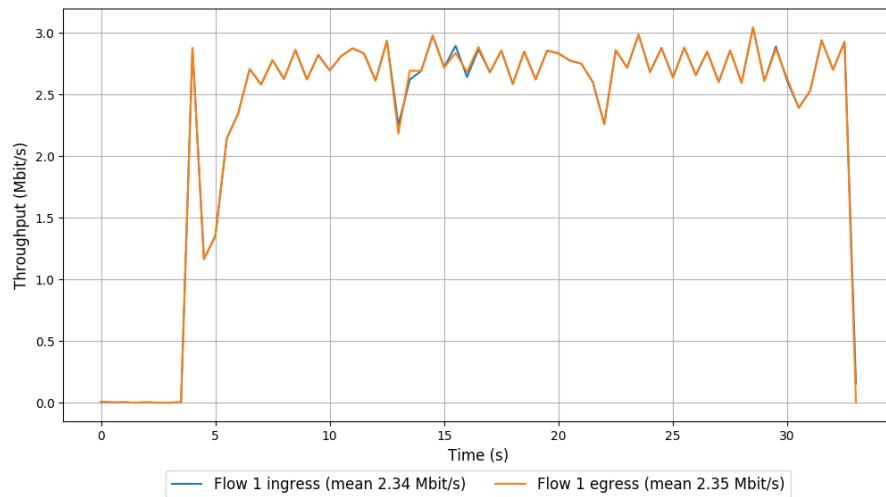
-- Flow 1:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 3.722 ms

Loss rate: 0.10%

Run 7: Report of WebRTC media — Data Link

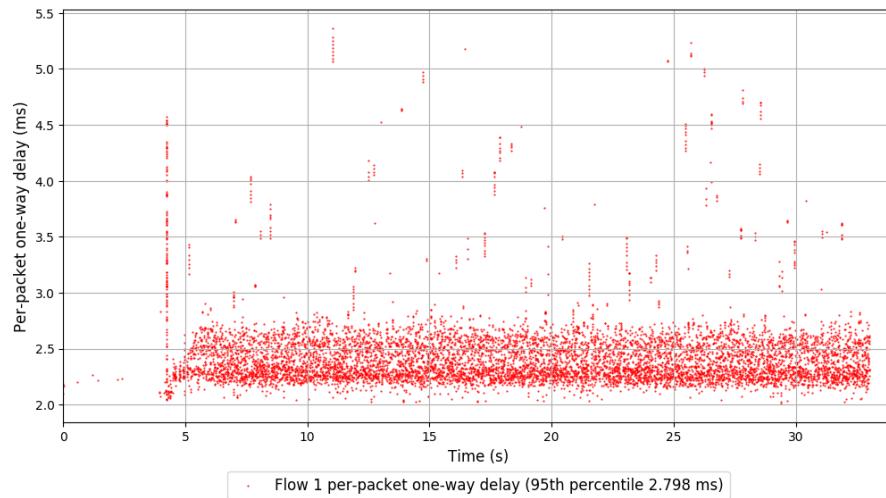
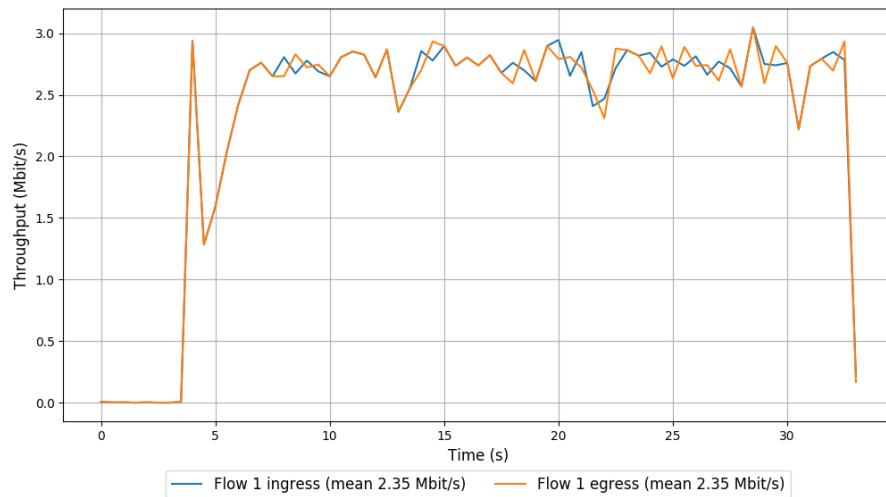


```
Run 8: Statistics of WebRTC media

Start at: Tue, 04 Jul 2017 06:28:15 +0000
End at: Tue, 04 Jul 2017 06:28:45 +0000
Local clock offset: 0.872 ms
Remote clock offset: 1.045 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 2.798 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 2.798 ms
Loss rate: 0.02%
```

Run 8: Report of WebRTC media — Data Link

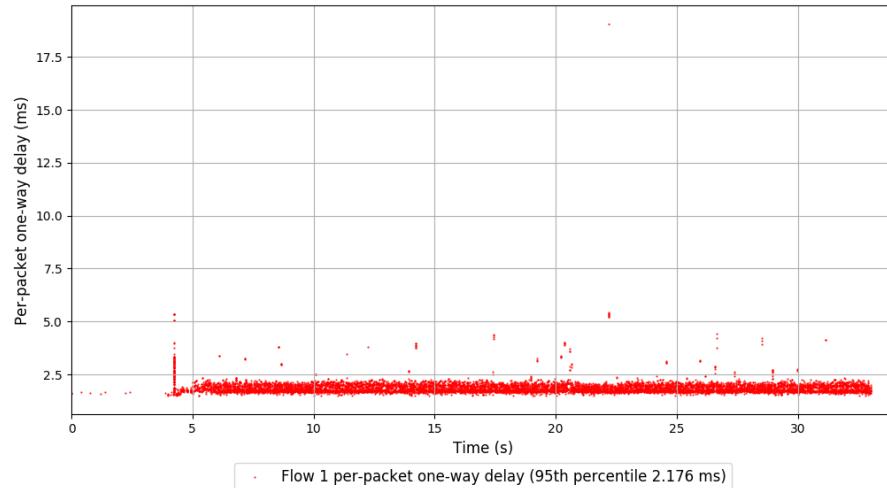
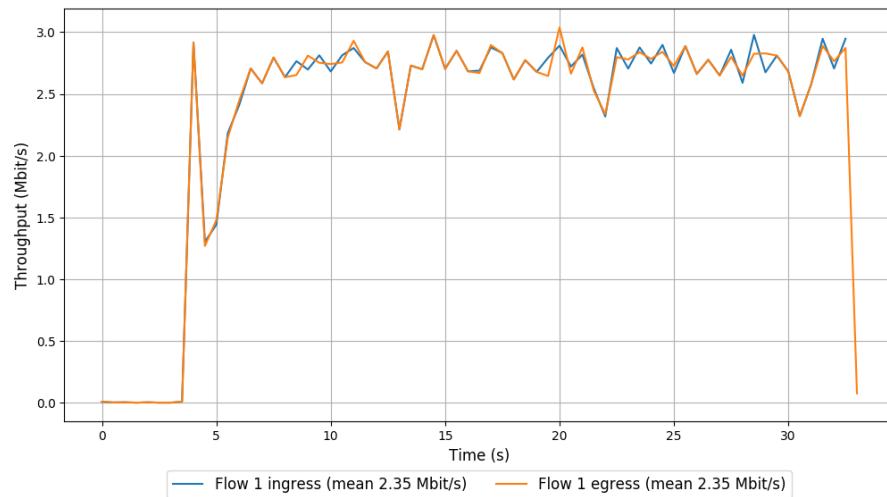


Run 9: Statistics of WebRTC media

```
Start at: Tue, 04 Jul 2017 06:45:15 +0000
End at: Tue, 04 Jul 2017 06:45:45 +0000
Local clock offset: 1.561 ms
Remote clock offset: 1.14 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 2.176 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 2.176 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media

Start at: Tue, 04 Jul 2017 07:02:15 +0000
End at: Tue, 04 Jul 2017 07:02:45 +0000
Local clock offset: 1.902 ms
Remote clock offset: 1.293 ms

# Below is generated by plot.py at Tue, 04 Jul 2017 08:42:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 2.099 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 2.099 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

