

Pantheon Summary (Generated at Fri, 30 Jun 2017 01:15:37 +0000 with
pantheon version f1f579919e2382b18c1fb18b676e821e7efc0b62)

Repeated the test of 15 congestion control schemes 10 times.

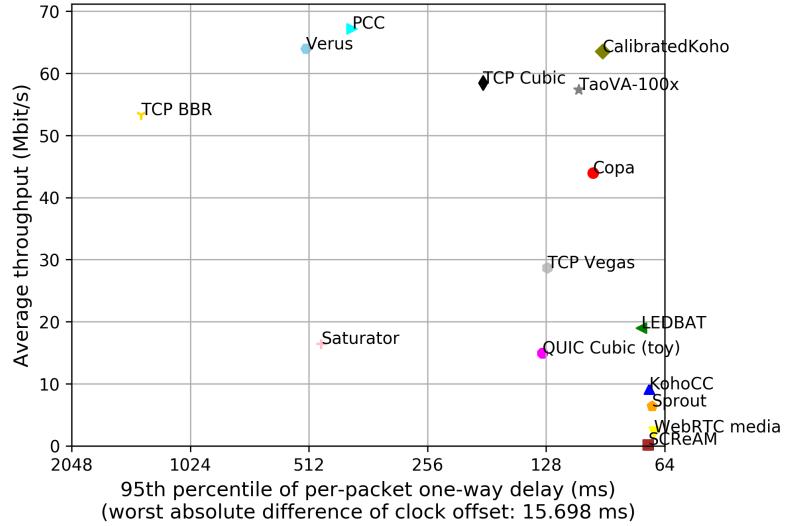
Each test lasted for 30 seconds running 1 flow.

Data path **from** AWS Brazil 2 Ethernet **to** Colombia Ethernet.

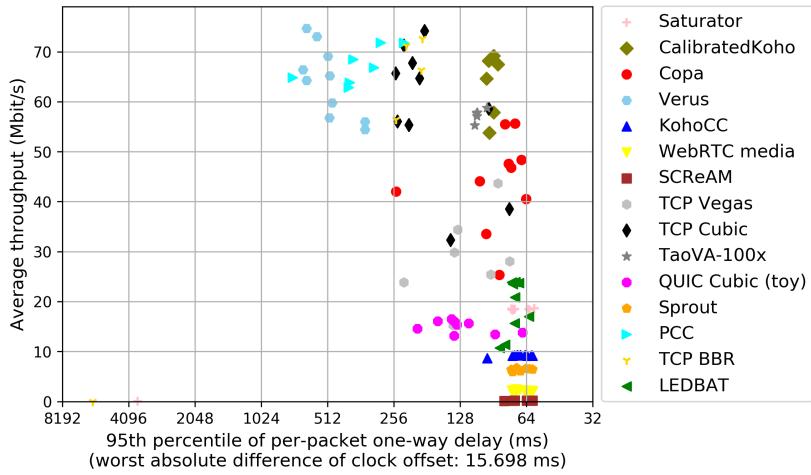
NTP offset measured against gps.ntp.br.

```
git branch: master @ f1f579919e2382b18c1fb18b676e821e7efc0b62
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
M datagrump/sender.cc
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ 4893799ab83a43fa2d3236507d168f461e1243ed
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 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
```

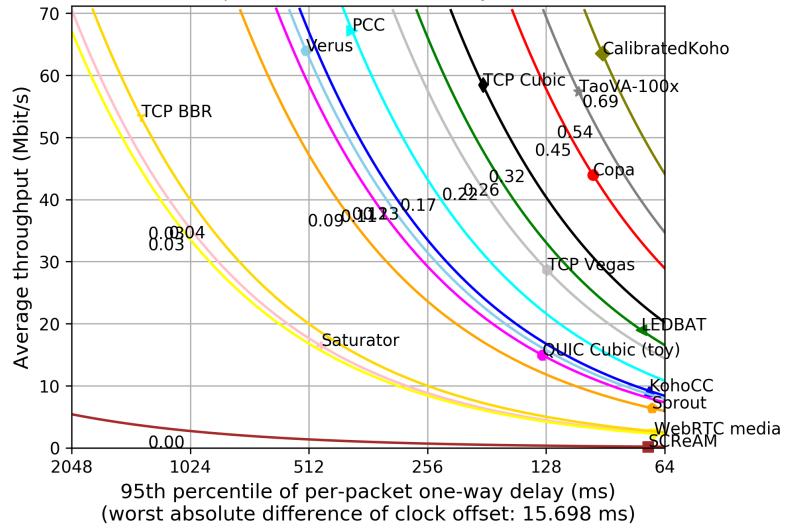
test from AWS Brazil 2 Ethernet to Colombia Ethernet, 10 runs of 30s each per scheme
mean of all runs by scheme



test from AWS Brazil 2 Ethernet to Colombia Ethernet, 10 runs of 30s each per scheme



test from AWS Brazil 2 Ethernet to Colombia Ethernet, 10 runs of 30s each per scheme
mean power scores of all runs by scheme

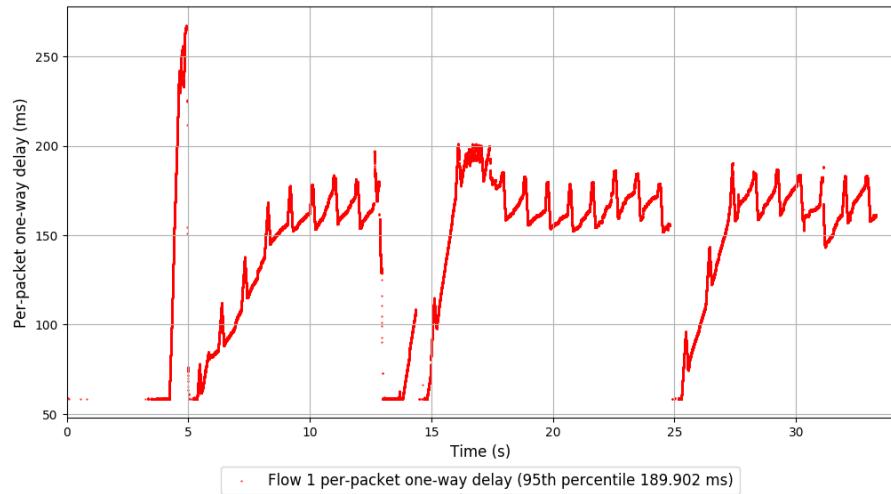
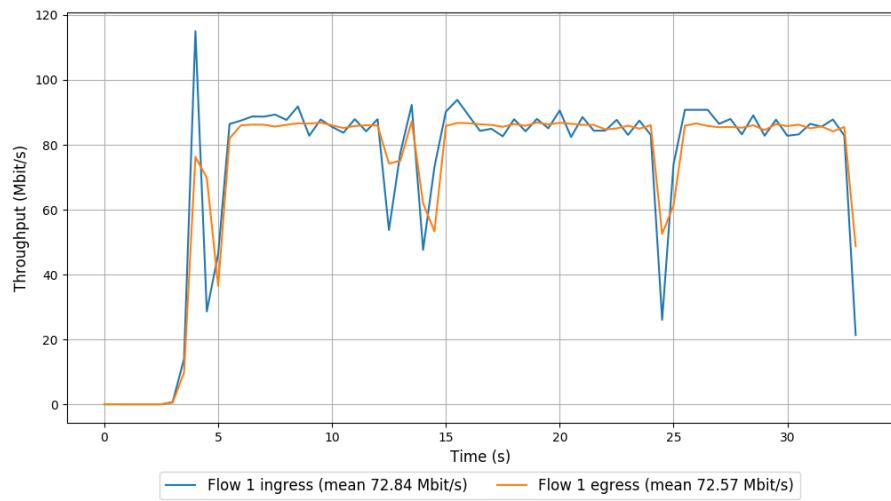


Run 1: Statistics of TCP BBR

```
Start at: Thu, 29 Jun 2017 18:58:07 +0000
End at: Thu, 29 Jun 2017 18:58:37 +0000
Local clock offset: -0.289 ms
Remote clock offset: -1.9 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:08:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.57 Mbit/s
95th percentile per-packet one-way delay: 189.902 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 72.57 Mbit/s
95th percentile per-packet one-way delay: 189.902 ms
Loss rate: 0.06%
```

Run 1: Report of TCP BBR — Data Link

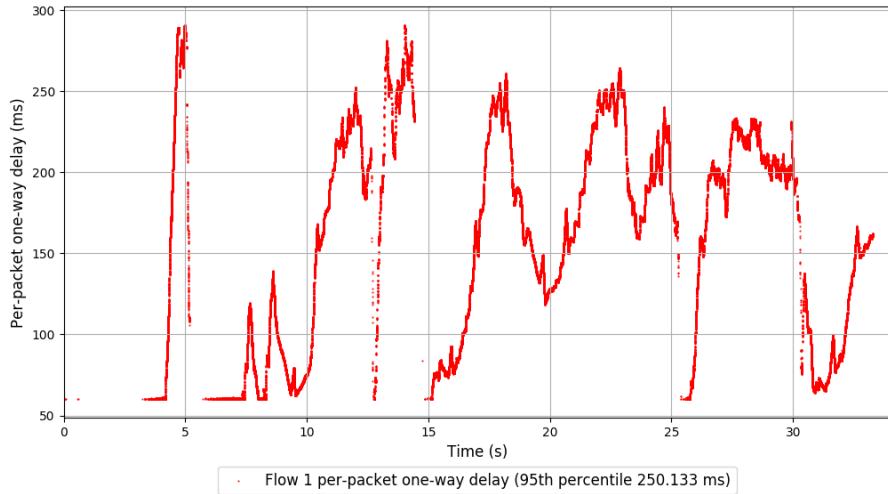
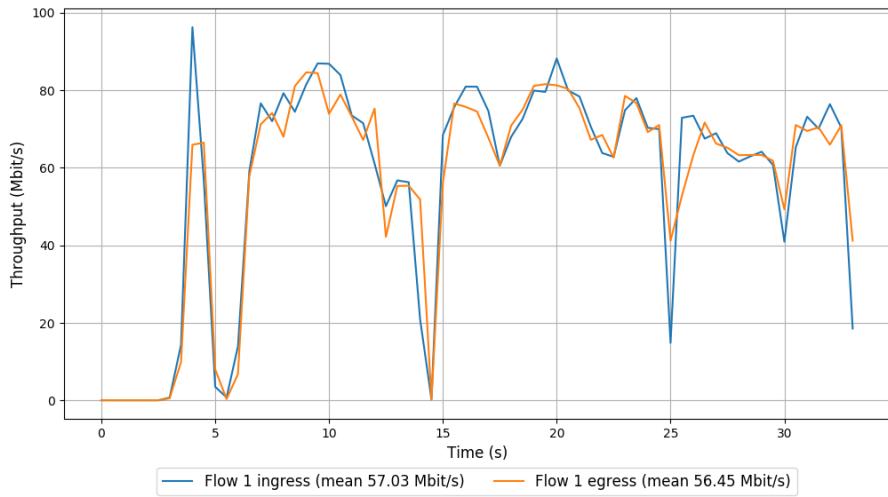


Run 2: Statistics of TCP BBR

```
Start at: Thu, 29 Jun 2017 19:15:50 +0000
End at: Thu, 29 Jun 2017 19:16:20 +0000
Local clock offset: -0.11 ms
Remote clock offset: -2.961 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:08:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.45 Mbit/s
95th percentile per-packet one-way delay: 250.133 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 56.45 Mbit/s
95th percentile per-packet one-way delay: 250.133 ms
Loss rate: 0.72%
```

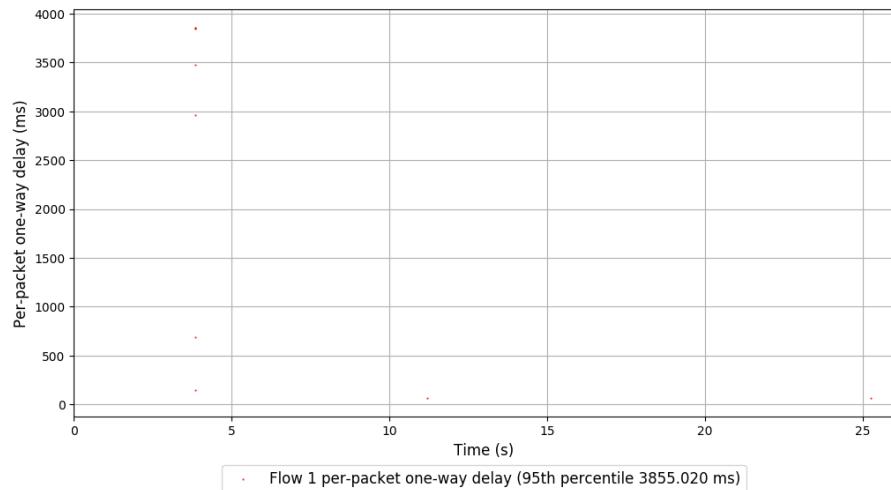
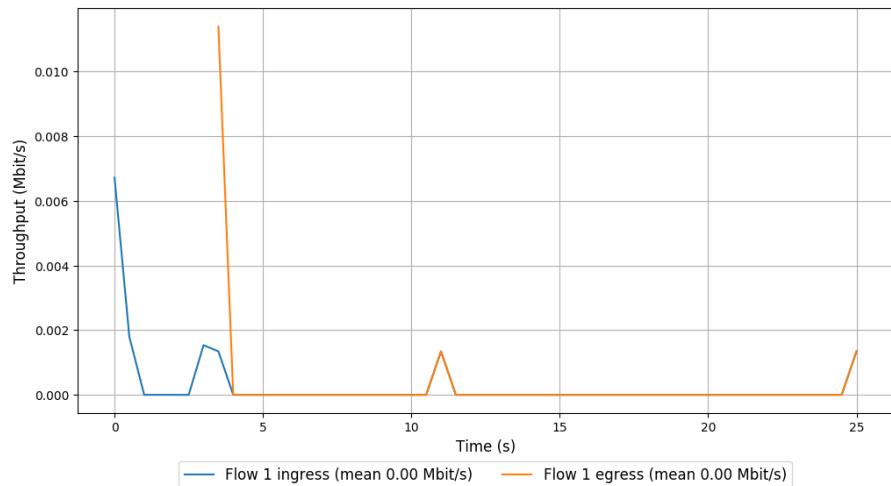
Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 19:33:26 +0000
End at: Thu, 29 Jun 2017 19:33:56 +0000
Local clock offset: 0.123 ms
Remote clock offset: -4.859 ms

Run 3: Report of TCP BBR — Data Link

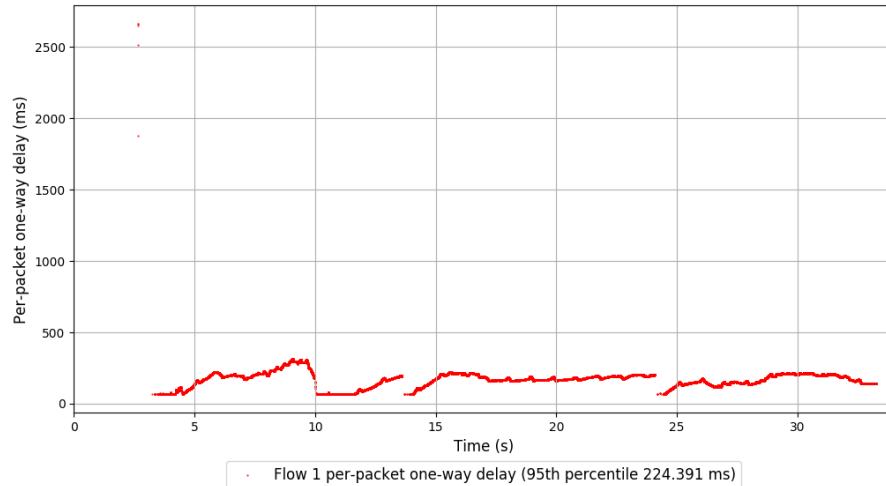
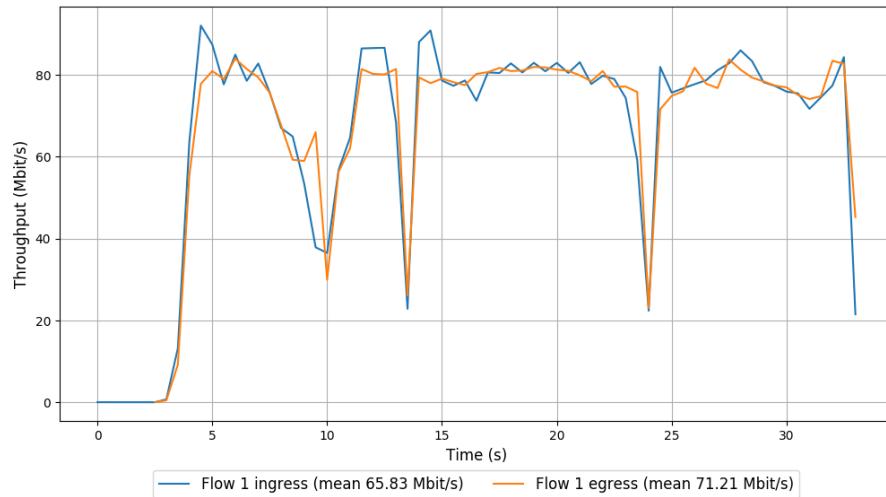


Run 4: Statistics of TCP BBR

```
Start at: Thu, 29 Jun 2017 19:50:45 +0000
End at: Thu, 29 Jun 2017 19:51:15 +0000
Local clock offset: 0.332 ms
Remote clock offset: -7.394 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:08:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.21 Mbit/s
95th percentile per-packet one-way delay: 224.391 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 71.21 Mbit/s
95th percentile per-packet one-way delay: 224.391 ms
Loss rate: 0.10%
```

Run 4: Report of TCP BBR — Data Link

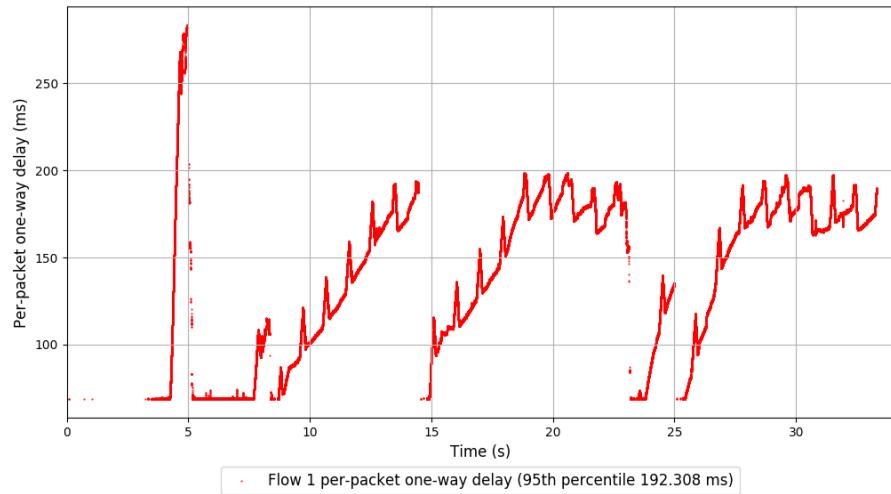
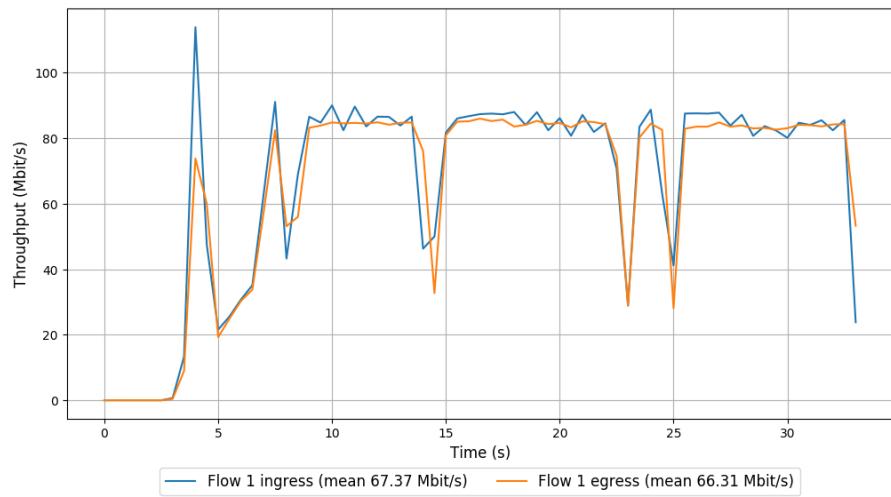


Run 5: Statistics of TCP BBR

```
Start at: Thu, 29 Jun 2017 20:08:12 +0000
End at: Thu, 29 Jun 2017 20:08:42 +0000
Local clock offset: 0.534 ms
Remote clock offset: -9.92 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:08:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.31 Mbit/s
95th percentile per-packet one-way delay: 192.308 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 66.31 Mbit/s
95th percentile per-packet one-way delay: 192.308 ms
Loss rate: 1.22%
```

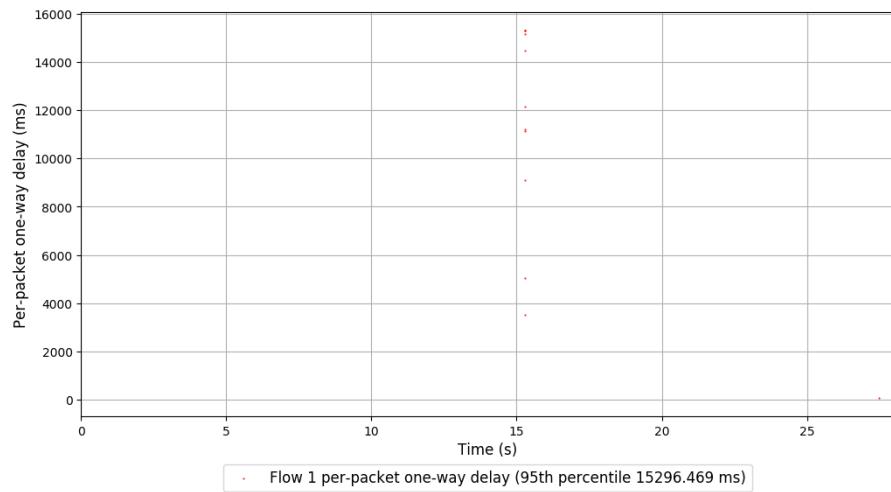
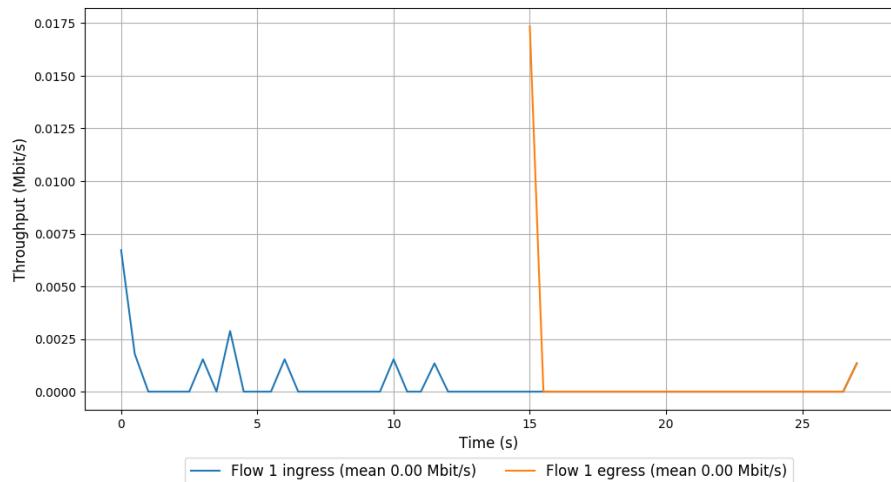
Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 20:25:44 +0000
End at: Thu, 29 Jun 2017 20:26:14 +0000
Local clock offset: 0.578 ms
Remote clock offset: -12.211 ms

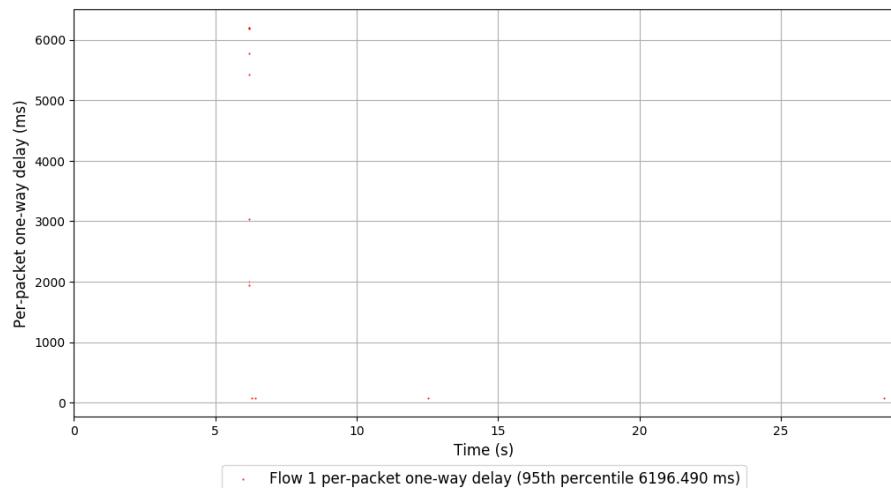
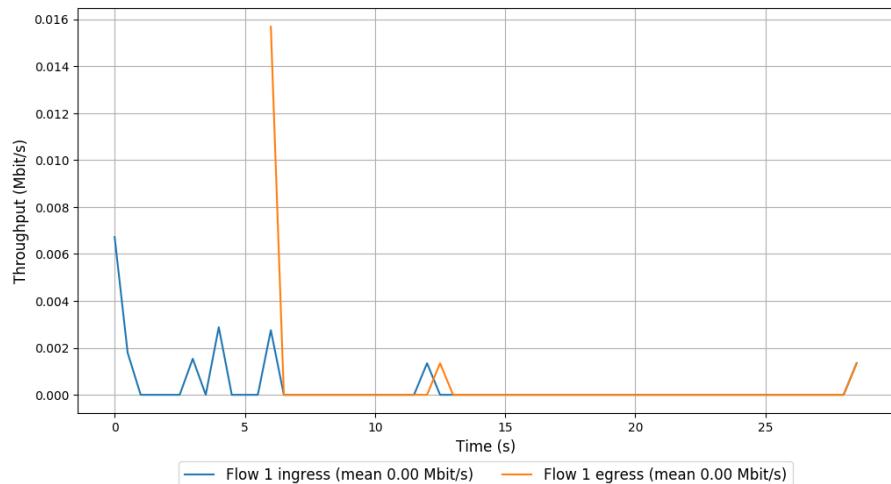
Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 20:43:06 +0000
End at: Thu, 29 Jun 2017 20:43:36 +0000
Local clock offset: 0.778 ms
Remote clock offset: -13.331 ms

Run 7: Report of TCP BBR — Data Link

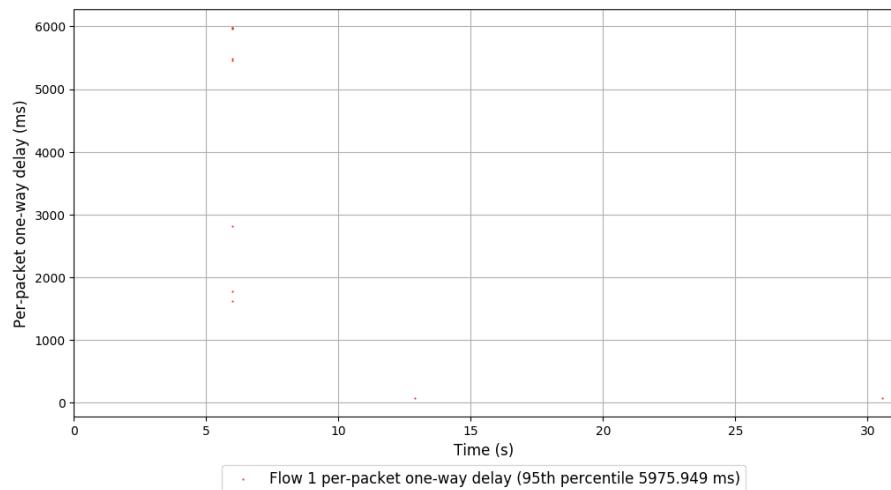
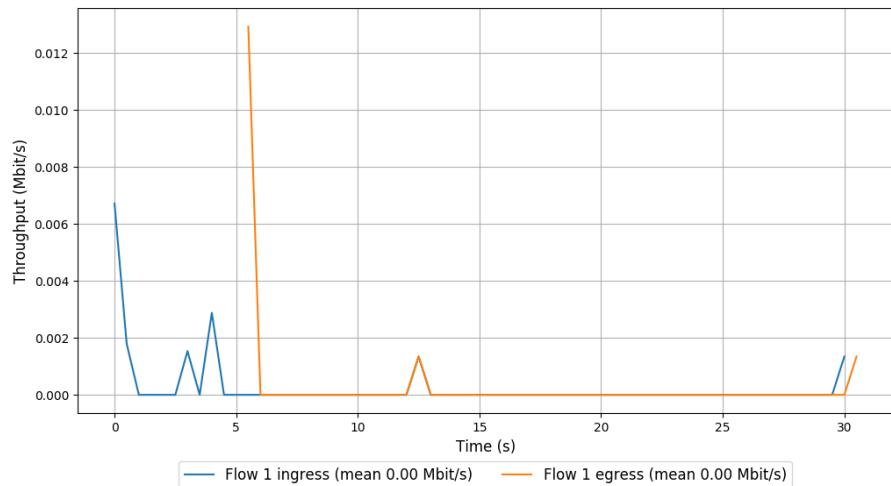


Run 8: Statistics of TCP BBR

```
Start at: Thu, 29 Jun 2017 21:00:22 +0000
End at: Thu, 29 Jun 2017 21:00:52 +0000
Local clock offset: 0.697 ms
Remote clock offset: -14.451 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:08:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 5975.949 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 5975.949 ms
Loss rate: 0.00%
```

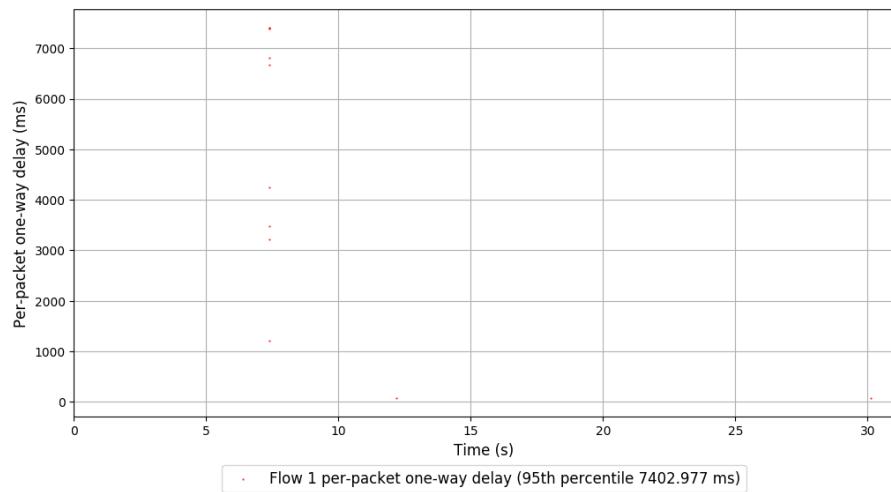
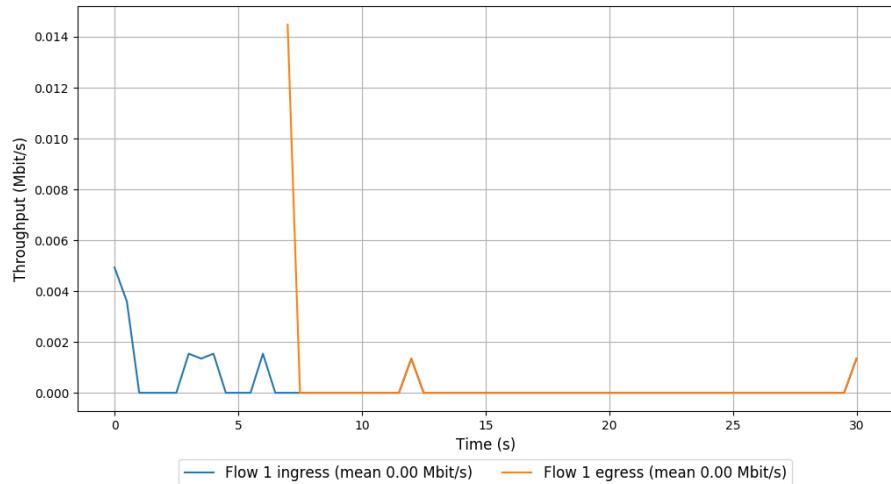
Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 21:17:39 +0000
End at: Thu, 29 Jun 2017 21:18:09 +0000
Local clock offset: 0.65 ms
Remote clock offset: -14.607 ms

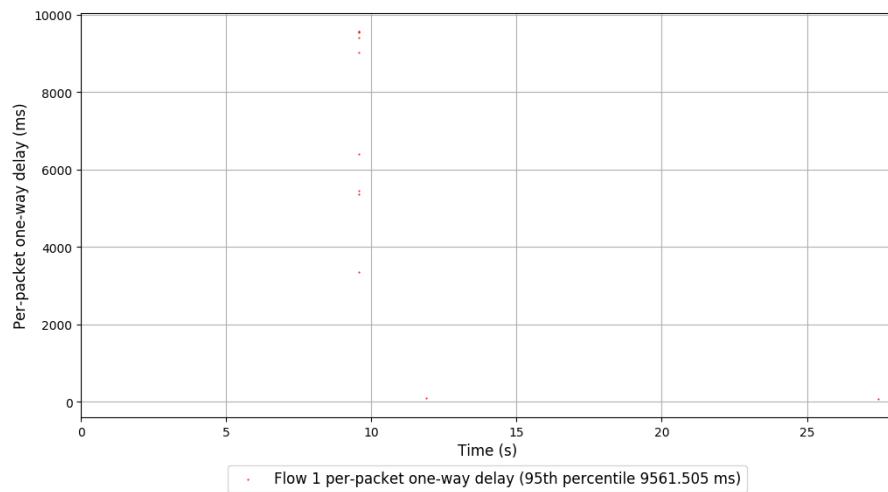
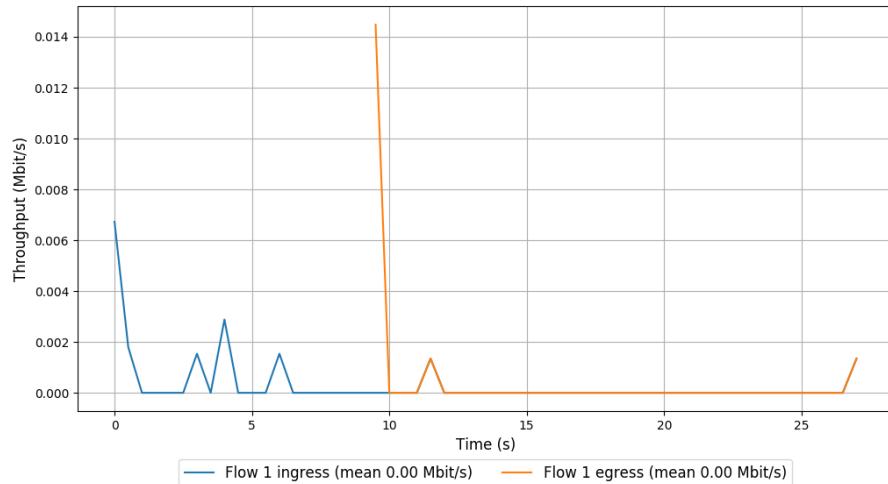
Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: Thu, 29 Jun 2017 21:34:51 +0000
End at: Thu, 29 Jun 2017 21:35:21 +0000
Local clock offset: 0.718 ms
Remote clock offset: -12.542 ms

Run 10: Report of TCP BBR — Data Link



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

```
Start at: Thu, 29 Jun 2017 18:55:47 +0000
```

```
End at: Thu, 29 Jun 2017 18:56:17 +0000
```

```
Local clock offset: -0.235 ms
```

```
Remote clock offset: -1.796 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 01:09:02 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 57.82 Mbit/s
```

```
95th percentile per-packet one-way delay: 90.197 ms
```

```
Loss rate: 0.02%
```

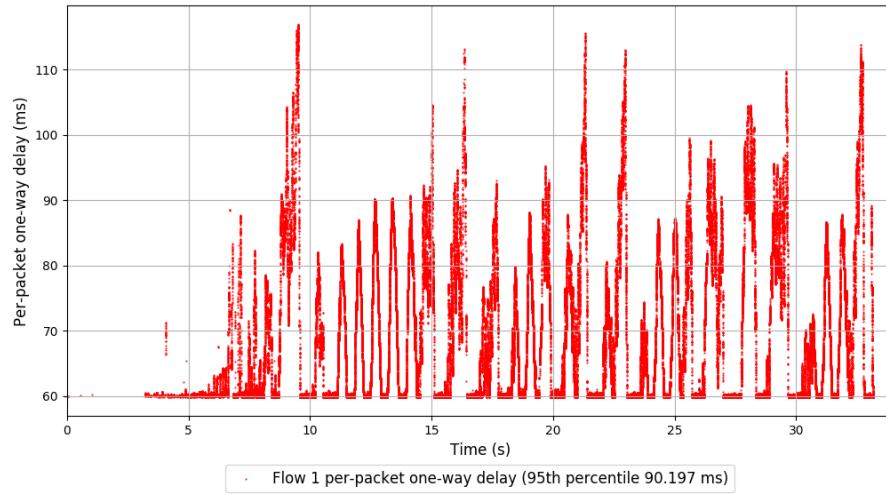
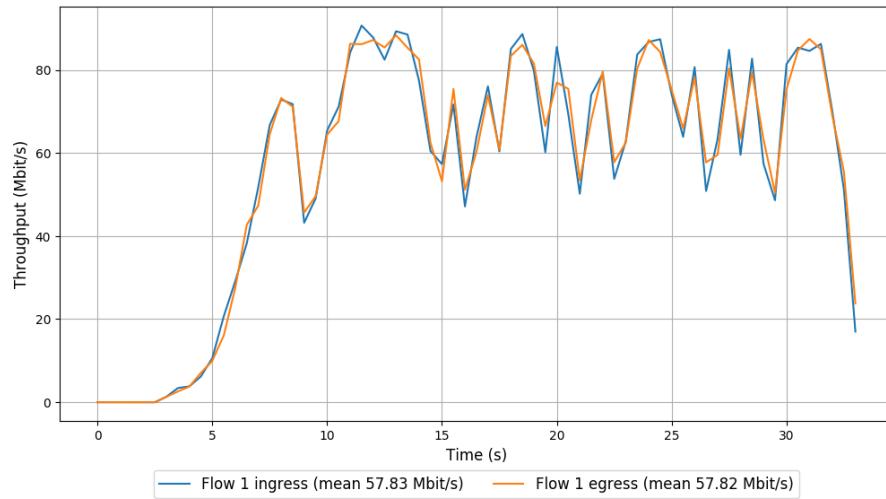
```
-- Flow 1:
```

```
Average throughput: 57.82 Mbit/s
```

```
95th percentile per-packet one-way delay: 90.197 ms
```

```
Loss rate: 0.02%
```

Run 1: Report of CalibratedKoho — Data Link

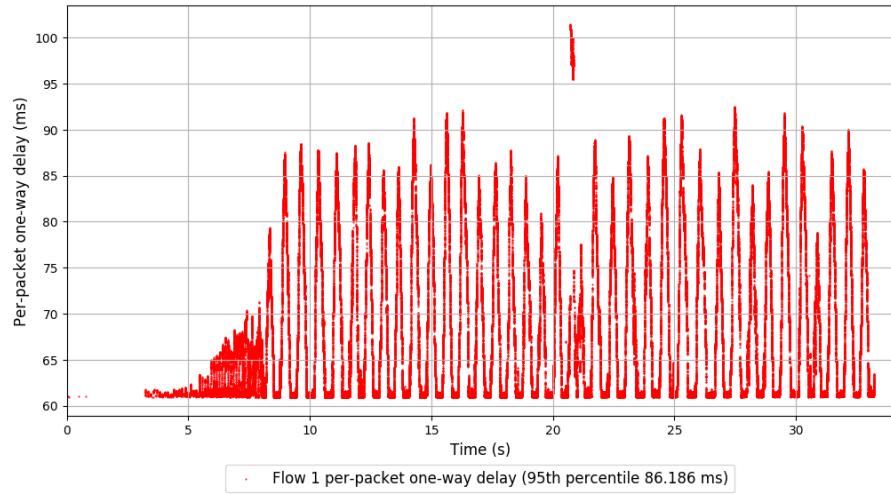
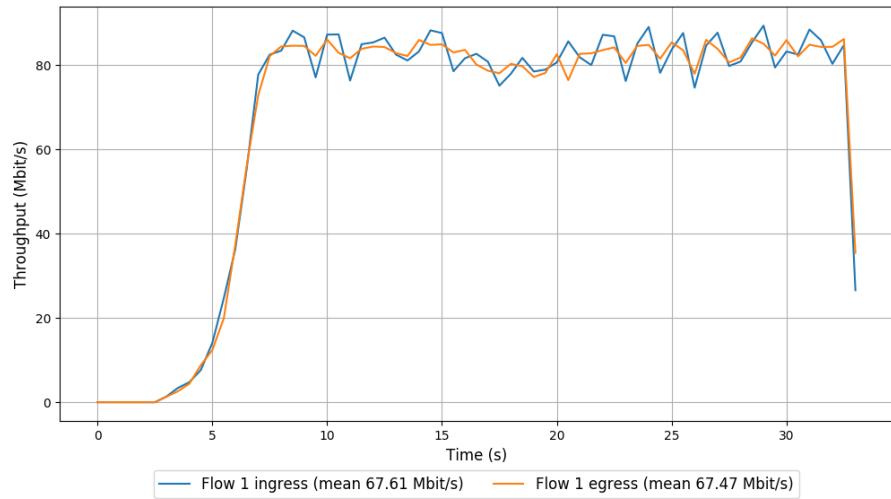


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: Thu, 29 Jun 2017 19:13:29 +0000
End at: Thu, 29 Jun 2017 19:13:59 +0000
Local clock offset: -0.07 ms
Remote clock offset: -3.449 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:09:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.47 Mbit/s
95th percentile per-packet one-way delay: 86.186 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 67.47 Mbit/s
95th percentile per-packet one-way delay: 86.186 ms
Loss rate: 0.20%
```

Run 2: Report of CalibratedKoho — Data Link



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

```
Start at: Thu, 29 Jun 2017 19:31:06 +0000
```

```
End at: Thu, 29 Jun 2017 19:31:36 +0000
```

```
Local clock offset: 0.045 ms
```

```
Remote clock offset: -4.286 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 01:09:09 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 53.80 Mbit/s
```

```
95th percentile per-packet one-way delay: 94.273 ms
```

```
Loss rate: 0.01%
```

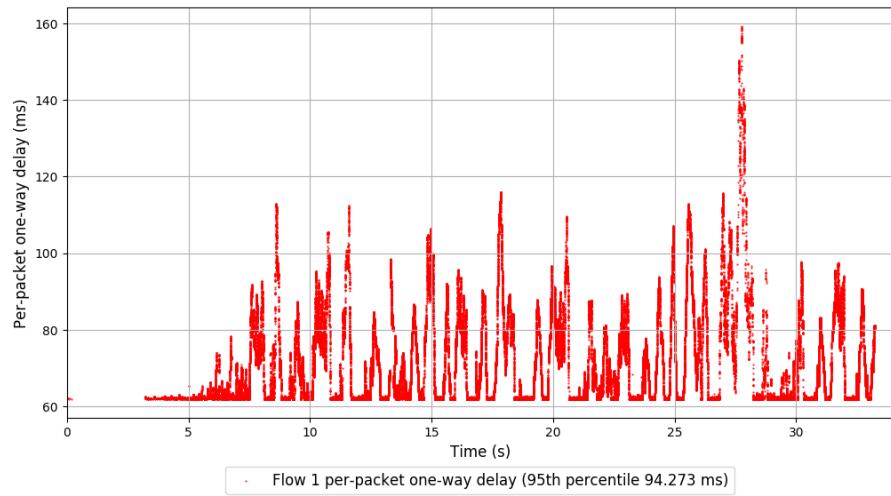
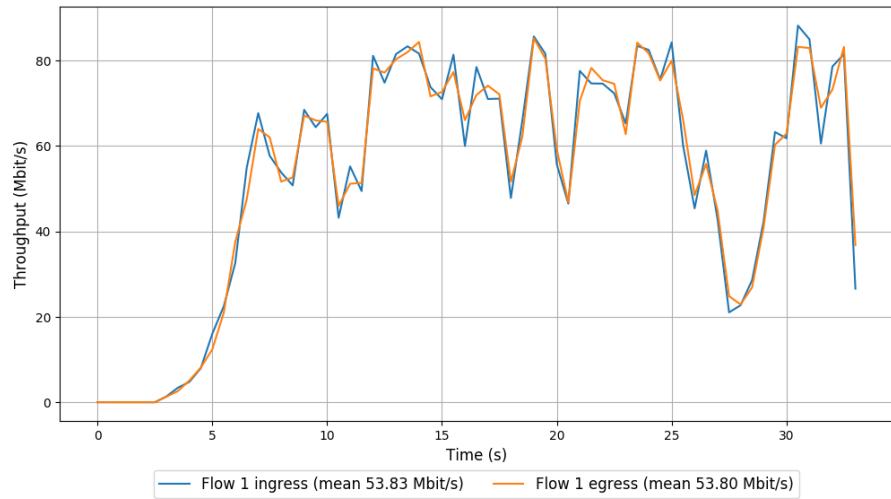
```
-- Flow 1:
```

```
Average throughput: 53.80 Mbit/s
```

```
95th percentile per-packet one-way delay: 94.273 ms
```

```
Loss rate: 0.01%
```

Run 3: Report of CalibratedKoho — Data Link



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

```
Start at: Thu, 29 Jun 2017 19:48:24 +0000
```

```
End at: Thu, 29 Jun 2017 19:48:54 +0000
```

```
Local clock offset: 0.318 ms
```

```
Remote clock offset: -7.059 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 01:09:13 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 69.20 Mbit/s
```

```
95th percentile per-packet one-way delay: 90.123 ms
```

```
Loss rate: 0.01%
```

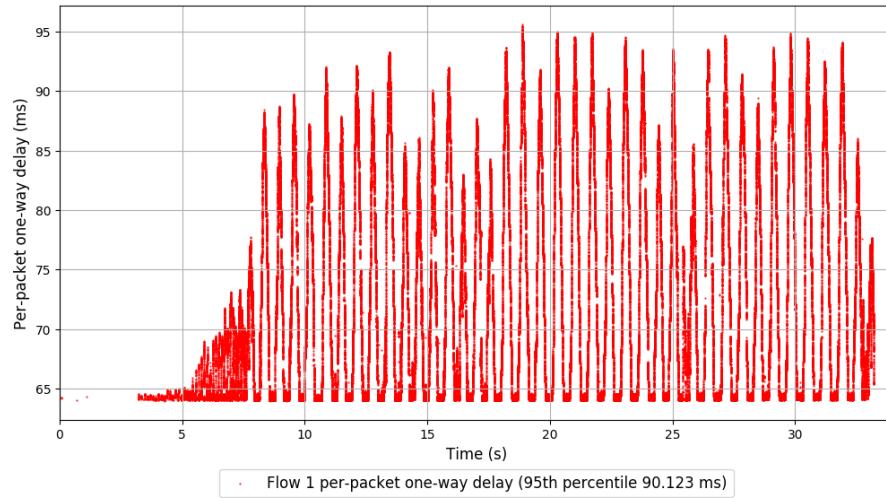
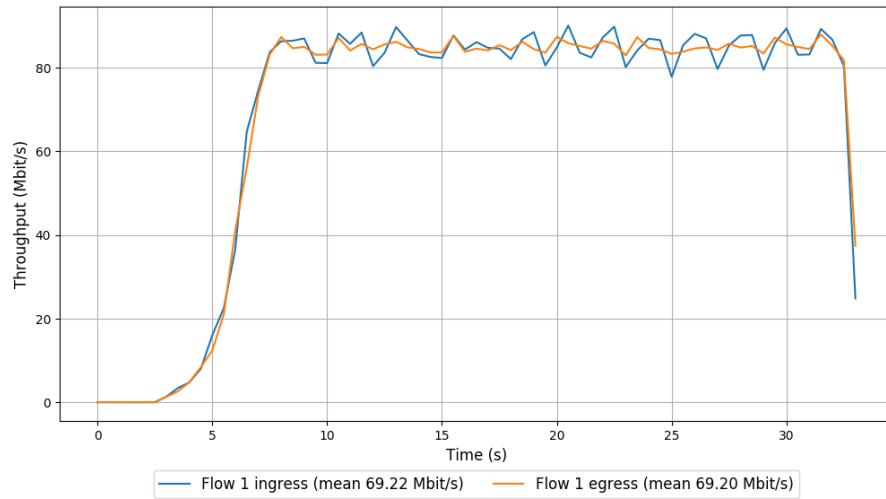
```
-- Flow 1:
```

```
Average throughput: 69.20 Mbit/s
```

```
95th percentile per-packet one-way delay: 90.123 ms
```

```
Loss rate: 0.01%
```

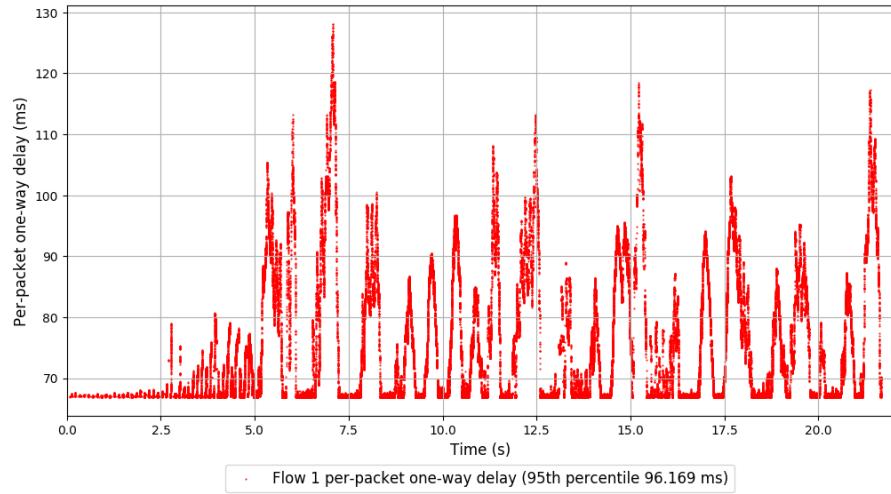
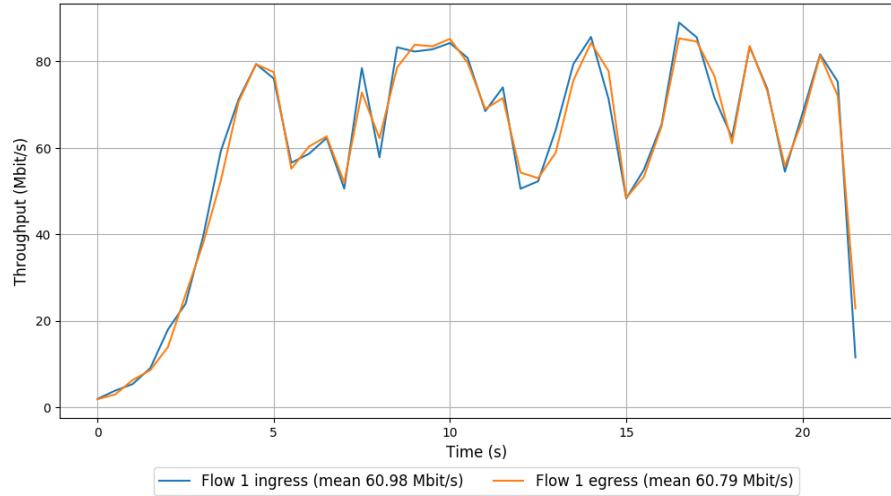
Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 20:05:48 +0000
End at: Thu, 29 Jun 2017 20:06:18 +0000
Local clock offset: 0.463 ms
Remote clock offset: -9.604 ms

Run 5: Report of CalibratedKoho — Data Link



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

```
Start at: Thu, 29 Jun 2017 20:23:24 +0000
```

```
End at: Thu, 29 Jun 2017 20:23:54 +0000
```

```
Local clock offset: 0.596 ms
```

```
Remote clock offset: -12.153 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 01:09:25 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 68.15 Mbit/s
```

```
95th percentile per-packet one-way delay: 94.985 ms
```

```
Loss rate: 0.13%
```

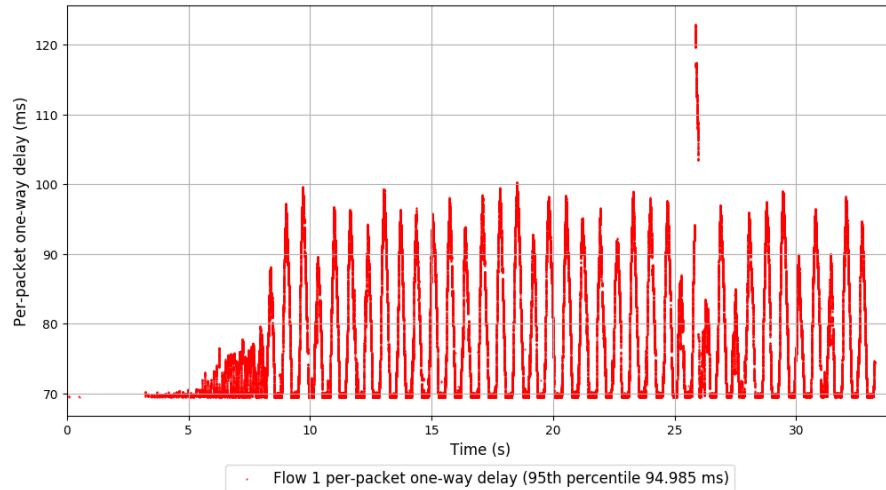
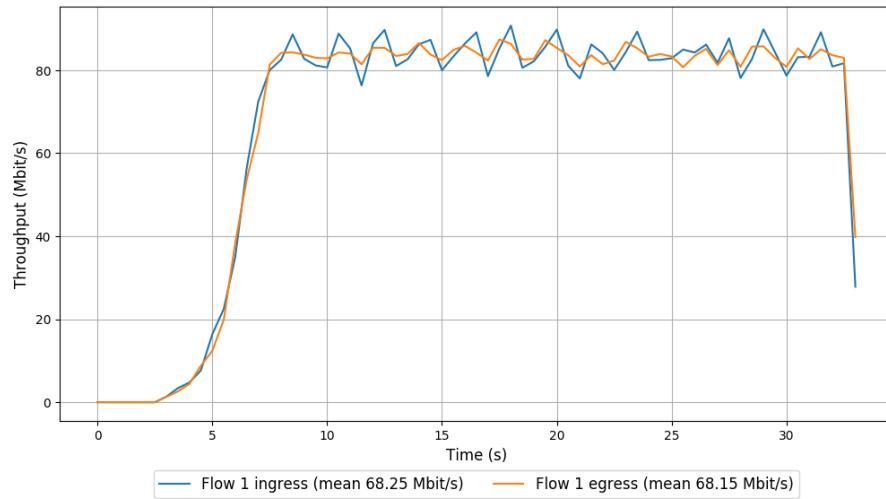
```
-- Flow 1:
```

```
Average throughput: 68.15 Mbit/s
```

```
95th percentile per-packet one-way delay: 94.985 ms
```

```
Loss rate: 0.13%
```

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

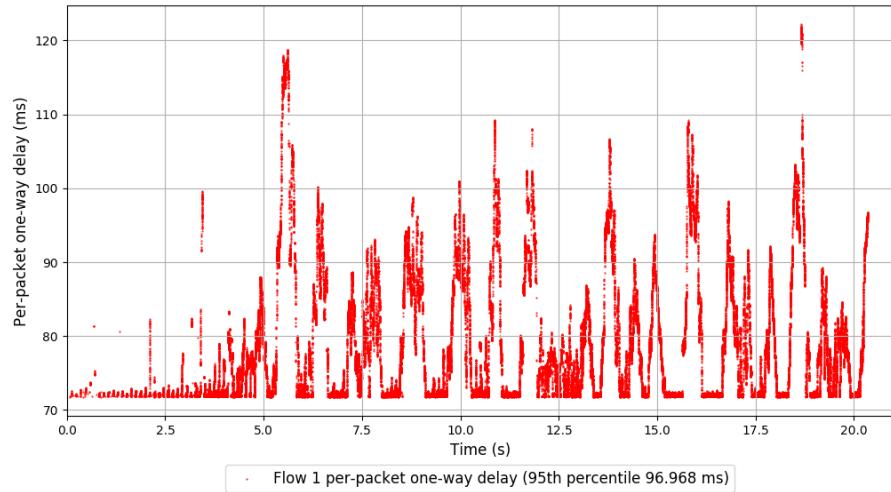
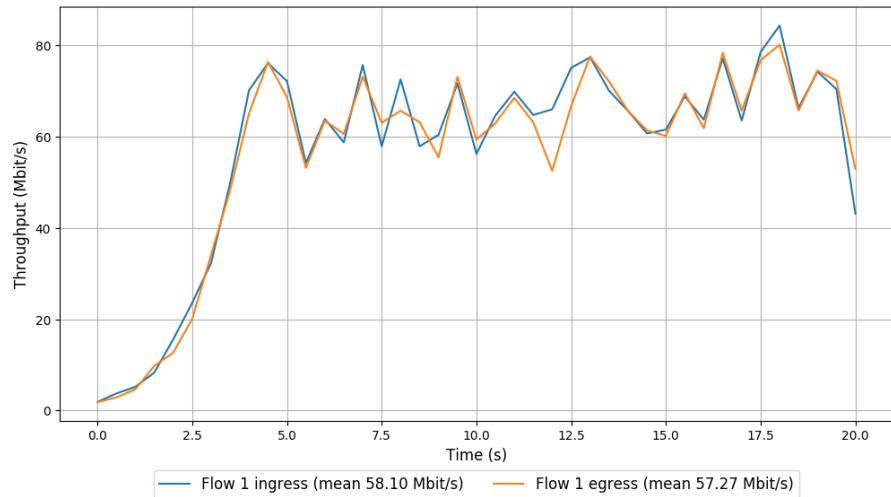
Start at: Thu, 29 Jun 2017 20:40:48 +0000

End at: Thu, 29 Jun 2017 20:41:18 +0000

Local clock offset: 0.674 ms

Remote clock offset: -13.026 ms

Run 7: Report of CalibratedKoho — Data Link



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

```
Start at: Thu, 29 Jun 2017 20:58:02 +0000
```

```
End at: Thu, 29 Jun 2017 20:58:32 +0000
```

```
Local clock offset: 0.712 ms
```

```
Remote clock offset: -14.473 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 01:09:33 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 64.63 Mbit/s
```

```
95th percentile per-packet one-way delay: 97.026 ms
```

```
Loss rate: 2.52%
```

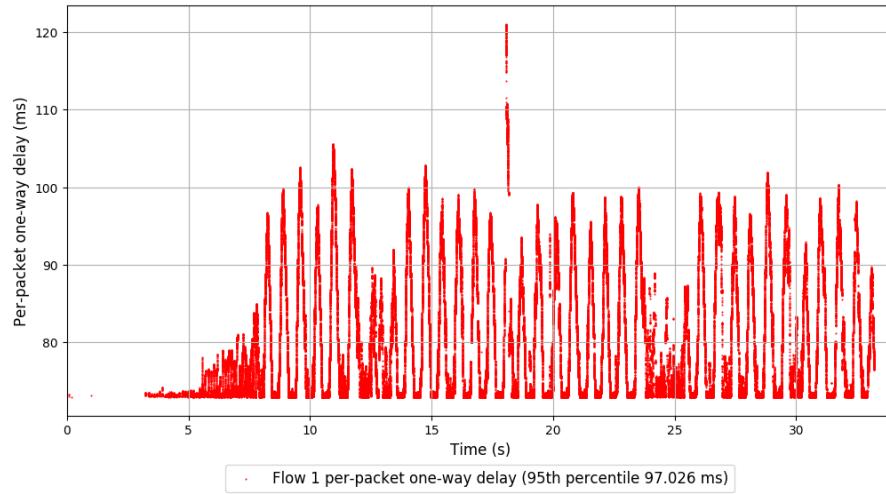
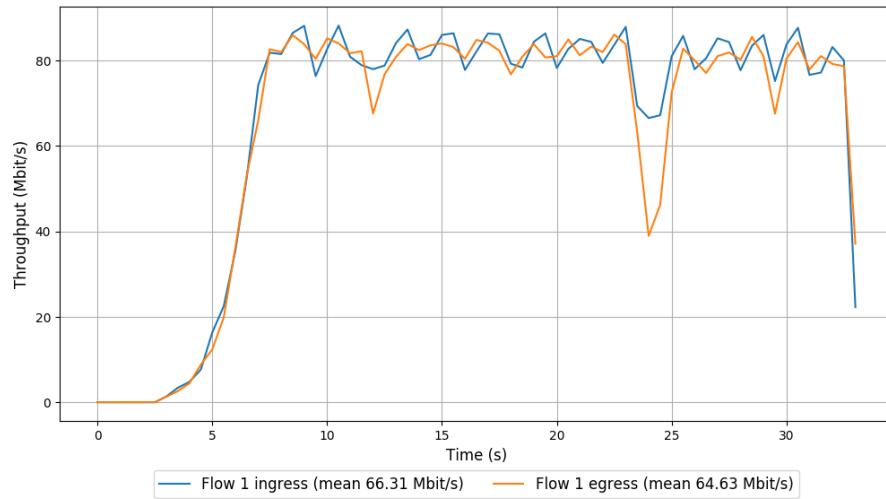
```
-- Flow 1:
```

```
Average throughput: 64.63 Mbit/s
```

```
95th percentile per-packet one-way delay: 97.026 ms
```

```
Loss rate: 2.52%
```

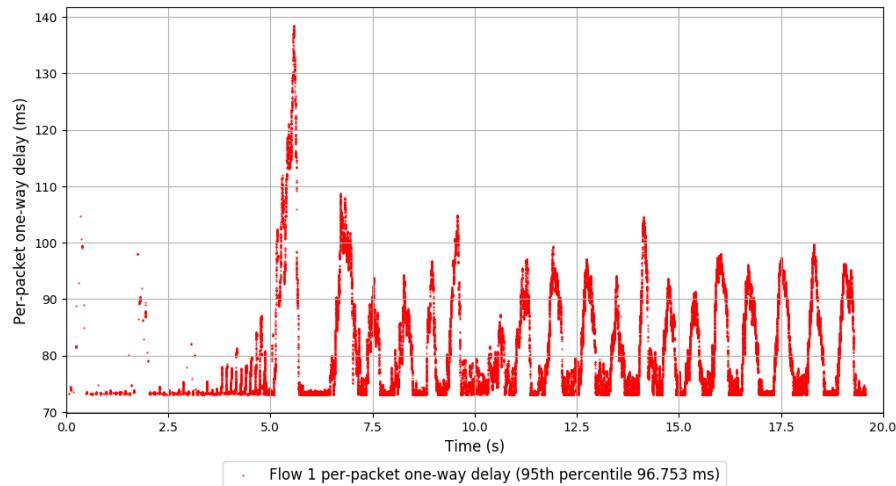
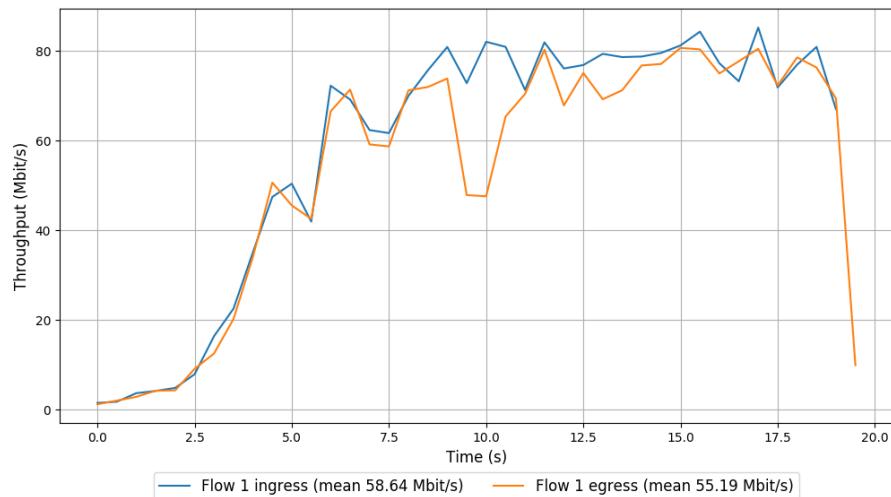
Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: Thu, 29 Jun 2017 21:15:22 +0000
End at: Thu, 29 Jun 2017 21:15:52 +0000
Local clock offset: 0.691 ms
Remote clock offset: -14.925 ms

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

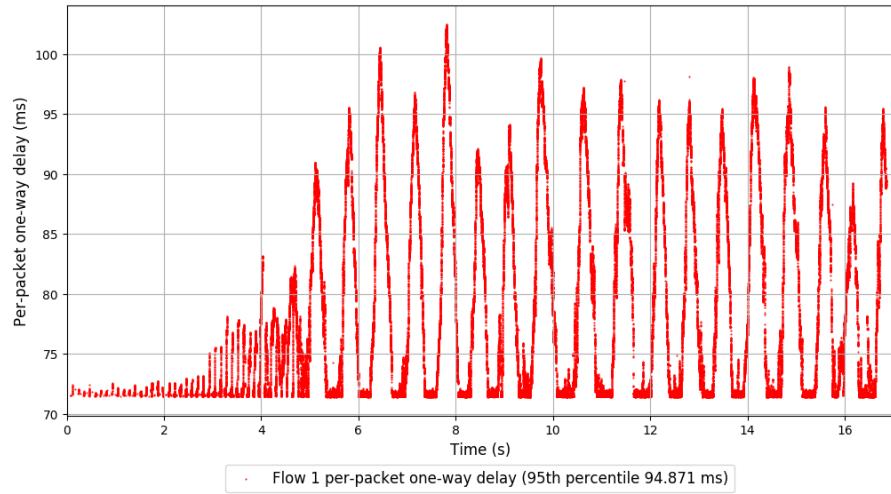
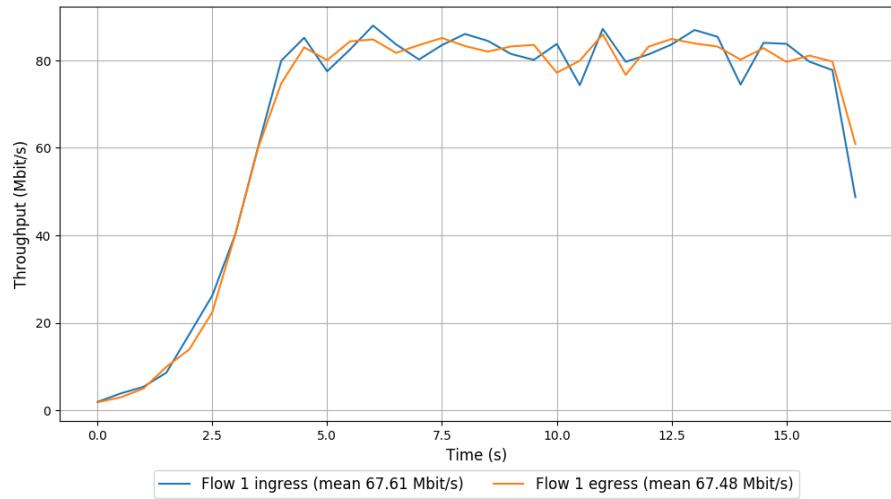
Start at: Thu, 29 Jun 2017 21:32:34 +0000

End at: Thu, 29 Jun 2017 21:33:04 +0000

Local clock offset: 0.663 ms

Remote clock offset: -13.291 ms

Run 10: Report of CalibratedKoho — Data Link

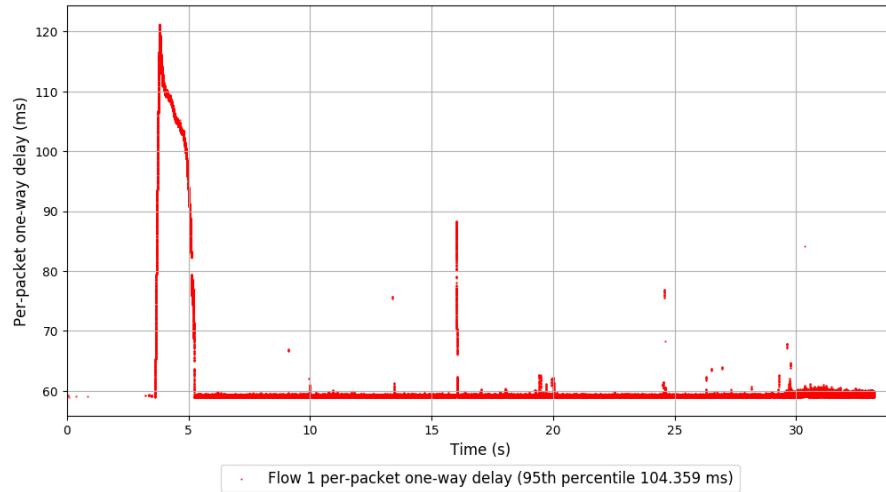
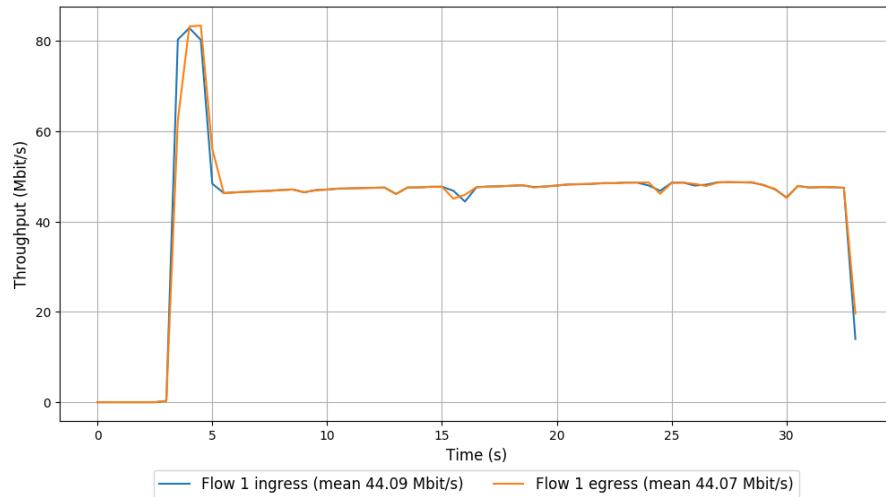


Run 1: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 18:54:34 +0000
End at: Thu, 29 Jun 2017 18:55:04 +0000
Local clock offset: -0.215 ms
Remote clock offset: -1.788 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:09:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.07 Mbit/s
95th percentile per-packet one-way delay: 104.359 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 44.07 Mbit/s
95th percentile per-packet one-way delay: 104.359 ms
Loss rate: 0.05%
```

Run 1: Report of Copa — Data Link

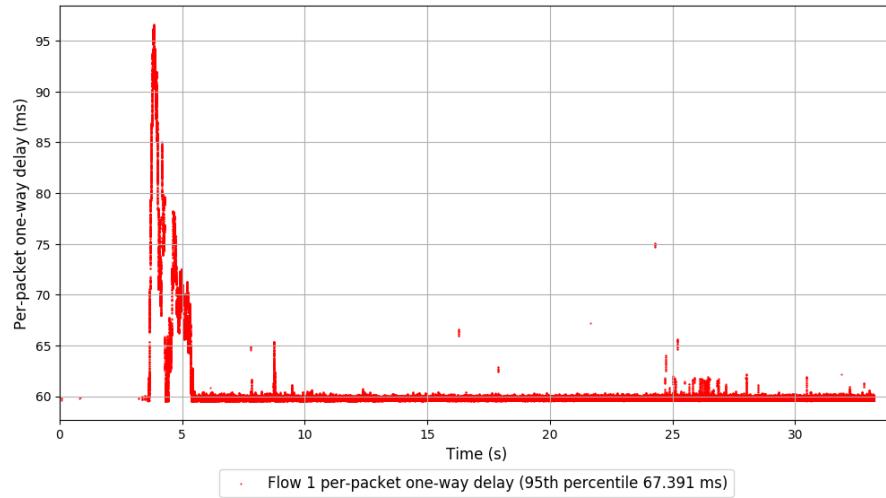
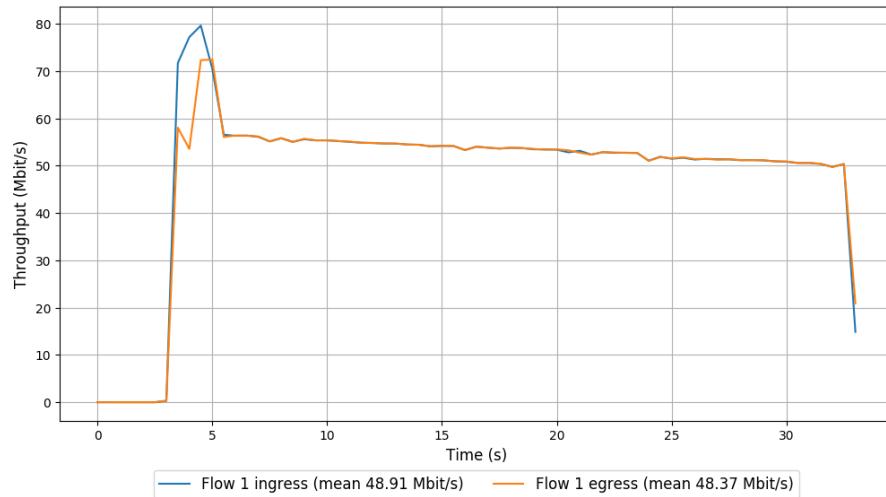


Run 2: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 19:12:15 +0000
End at: Thu, 29 Jun 2017 19:12:46 +0000
Local clock offset: -0.191 ms
Remote clock offset: -2.989 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:09:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.37 Mbit/s
95th percentile per-packet one-way delay: 67.391 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 48.37 Mbit/s
95th percentile per-packet one-way delay: 67.391 ms
Loss rate: 1.12%
```

Run 2: Report of Copa — Data Link

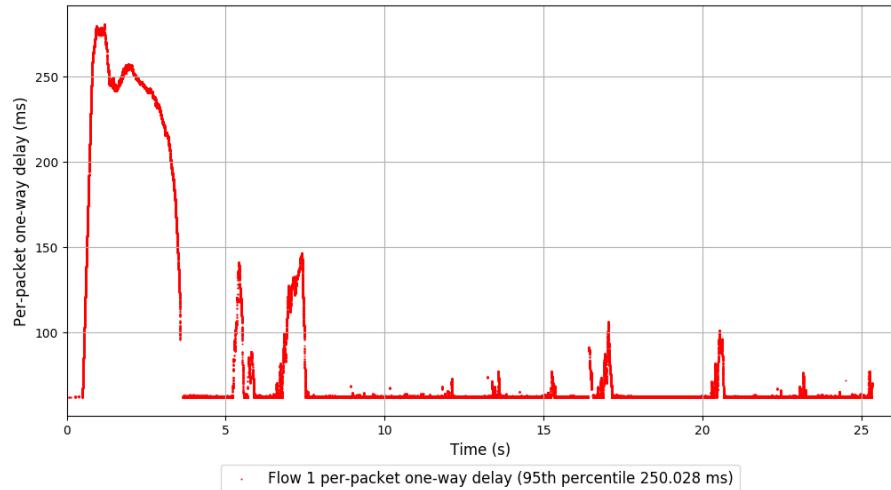
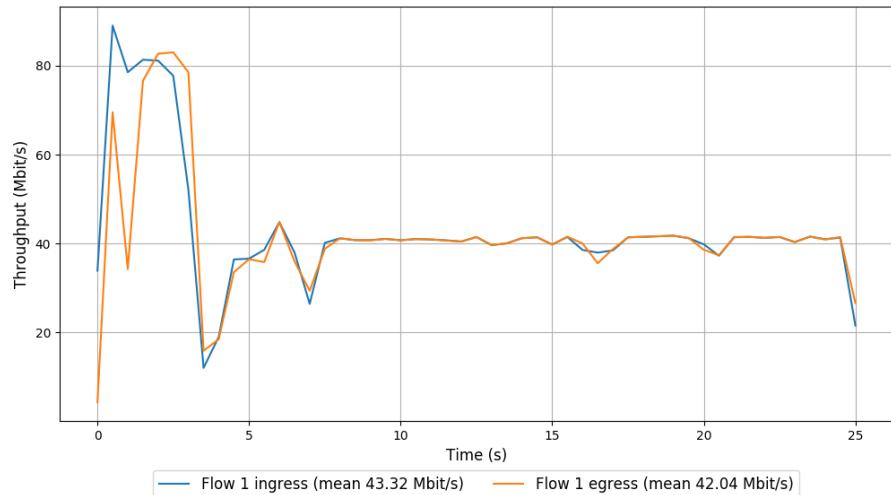


Run 3: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 19:29:55 +0000
End at: Thu, 29 Jun 2017 19:30:25 +0000
Local clock offset: 0.038 ms
Remote clock offset: -4.419 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:09:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.04 Mbit/s
95th percentile per-packet one-way delay: 250.028 ms
Loss rate: 2.93%
-- Flow 1:
Average throughput: 42.04 Mbit/s
95th percentile per-packet one-way delay: 250.028 ms
Loss rate: 2.93%
```

Run 3: Report of Copa — Data Link

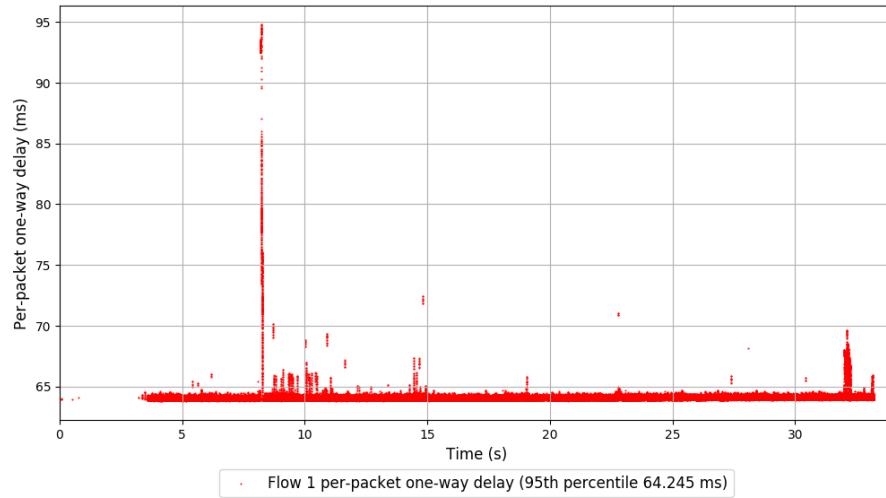
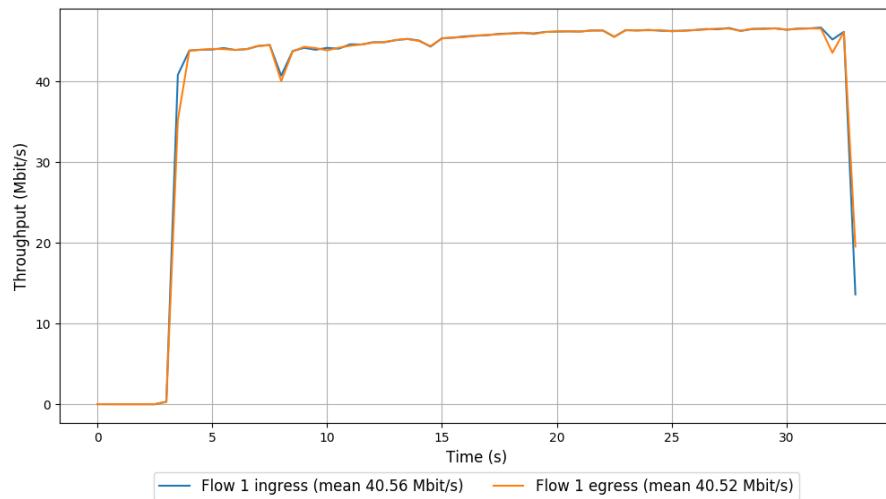


Run 4: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 19:47:11 +0000
End at: Thu, 29 Jun 2017 19:47:42 +0000
Local clock offset: 0.29 ms
Remote clock offset: -6.762 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:09:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.52 Mbit/s
95th percentile per-packet one-way delay: 64.245 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 40.52 Mbit/s
95th percentile per-packet one-way delay: 64.245 ms
Loss rate: 0.10%
```

Run 4: Report of Copa — Data Link

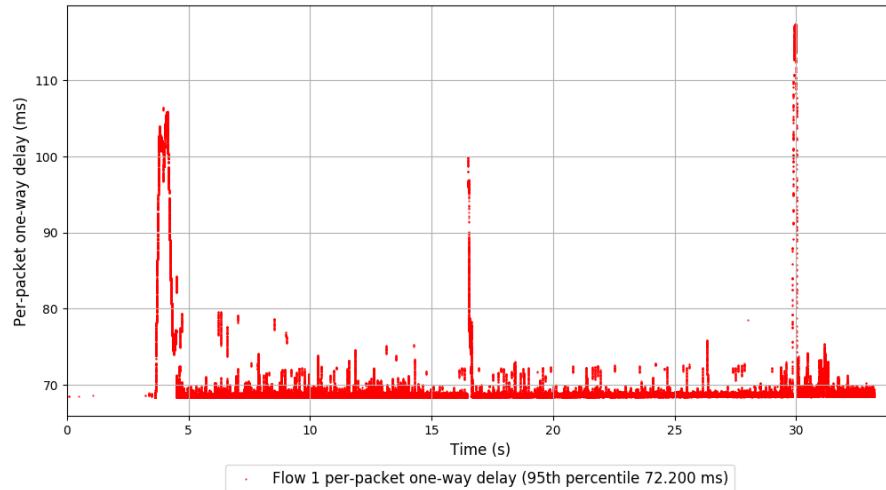
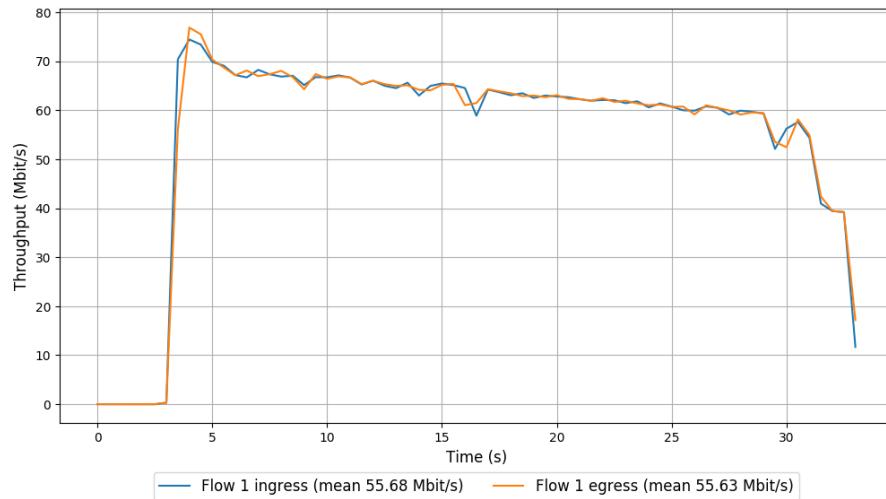


Run 5: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 20:04:33 +0000
End at: Thu, 29 Jun 2017 20:05:03 +0000
Local clock offset: 0.408 ms
Remote clock offset: -9.434 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:10:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.63 Mbit/s
95th percentile per-packet one-way delay: 72.200 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 55.63 Mbit/s
95th percentile per-packet one-way delay: 72.200 ms
Loss rate: 0.09%
```

Run 5: Report of Copa — Data Link

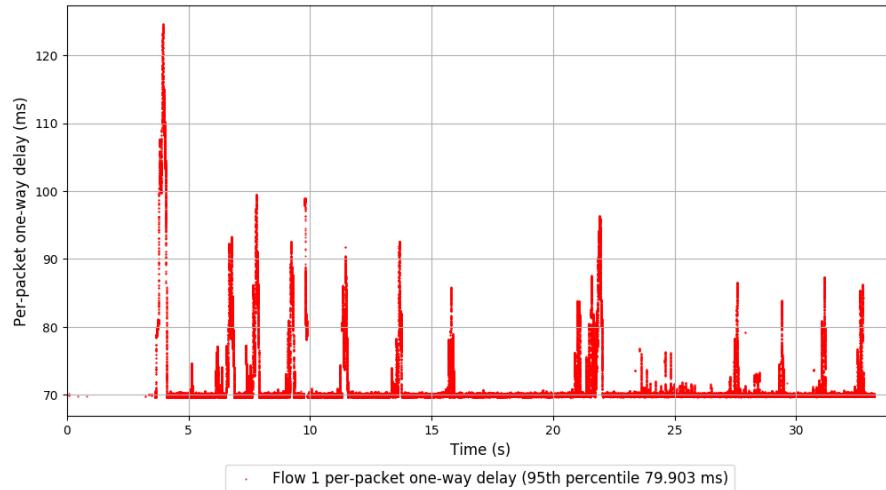
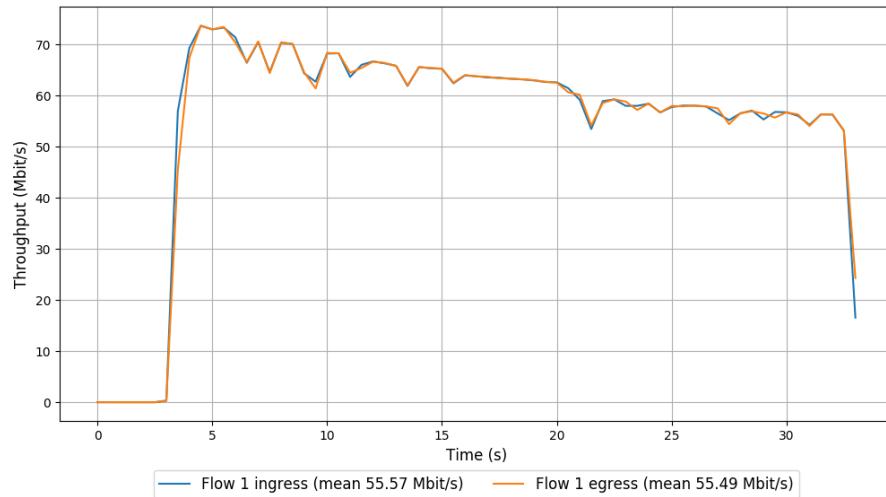


Run 6: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 20:22:10 +0000
End at: Thu, 29 Jun 2017 20:22:40 +0000
Local clock offset: 0.587 ms
Remote clock offset: -11.579 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:10:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.49 Mbit/s
95th percentile per-packet one-way delay: 79.903 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 55.49 Mbit/s
95th percentile per-packet one-way delay: 79.903 ms
Loss rate: 0.15%
```

Run 6: Report of Copa — Data Link

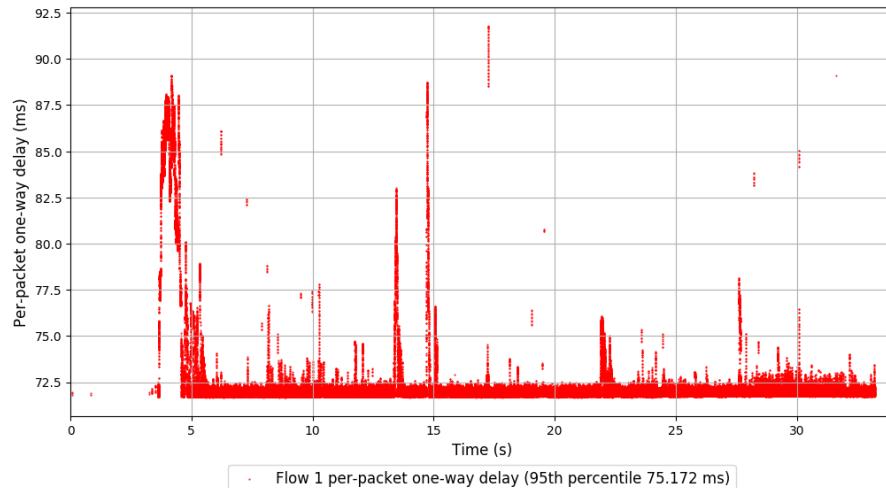
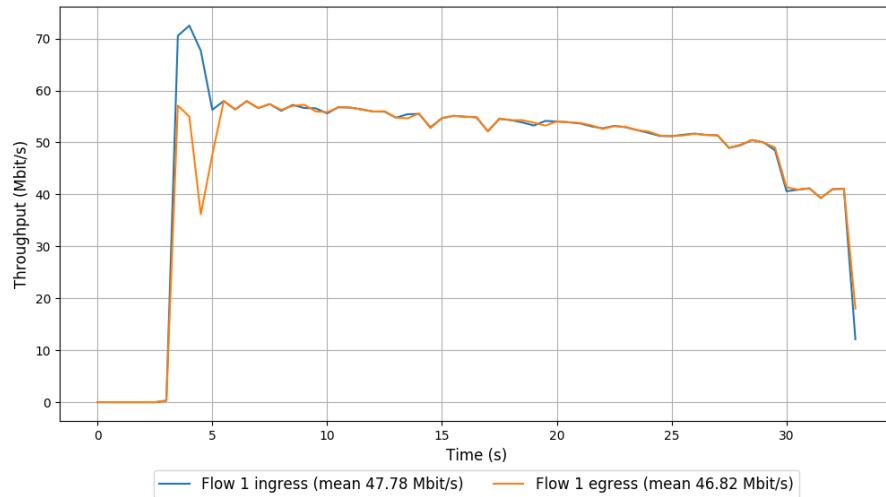


Run 7: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 20:39:35 +0000
End at: Thu, 29 Jun 2017 20:40:05 +0000
Local clock offset: 0.679 ms
Remote clock offset: -12.982 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:10:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.82 Mbit/s
95th percentile per-packet one-way delay: 75.172 ms
Loss rate: 2.01%
-- Flow 1:
Average throughput: 46.82 Mbit/s
95th percentile per-packet one-way delay: 75.172 ms
Loss rate: 2.01%
```

Run 7: Report of Copa — Data Link

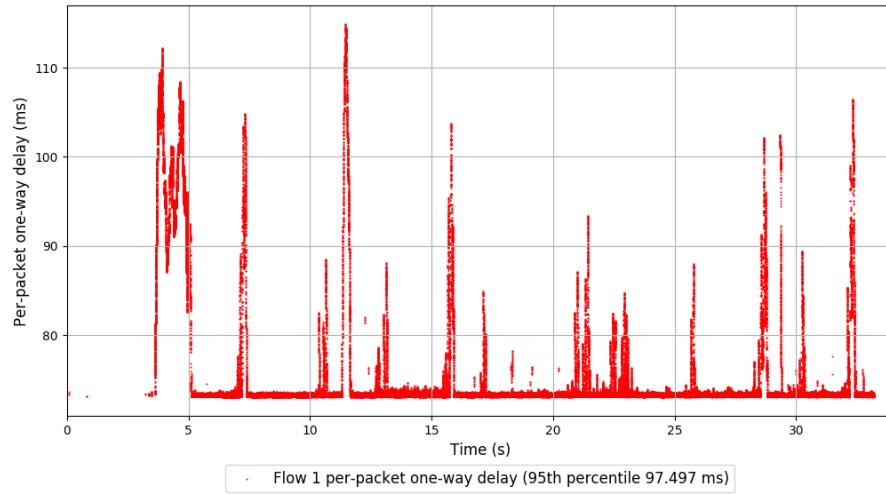
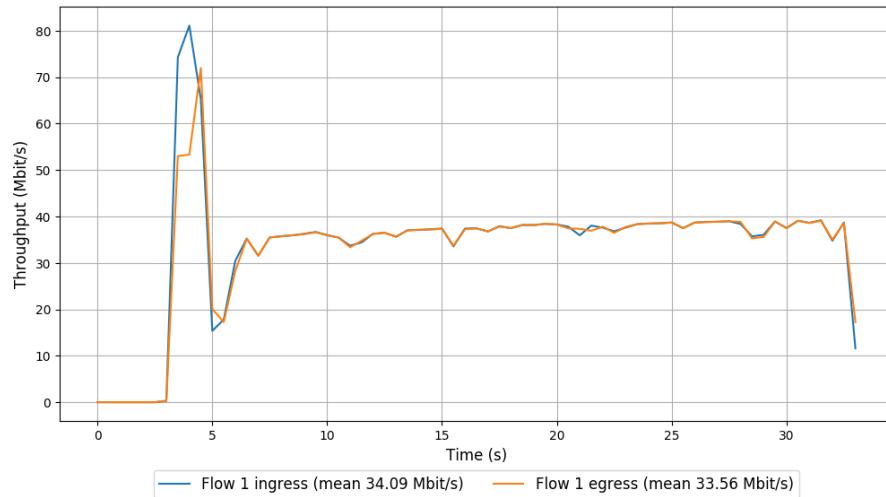


Run 8: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 20:56:50 +0000
End at: Thu, 29 Jun 2017 20:57:20 +0000
Local clock offset: 0.663 ms
Remote clock offset: -14.847 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:10:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.56 Mbit/s
95th percentile per-packet one-way delay: 97.497 ms
Loss rate: 1.58%
-- Flow 1:
Average throughput: 33.56 Mbit/s
95th percentile per-packet one-way delay: 97.497 ms
Loss rate: 1.58%
```

Run 8: Report of Copa — Data Link

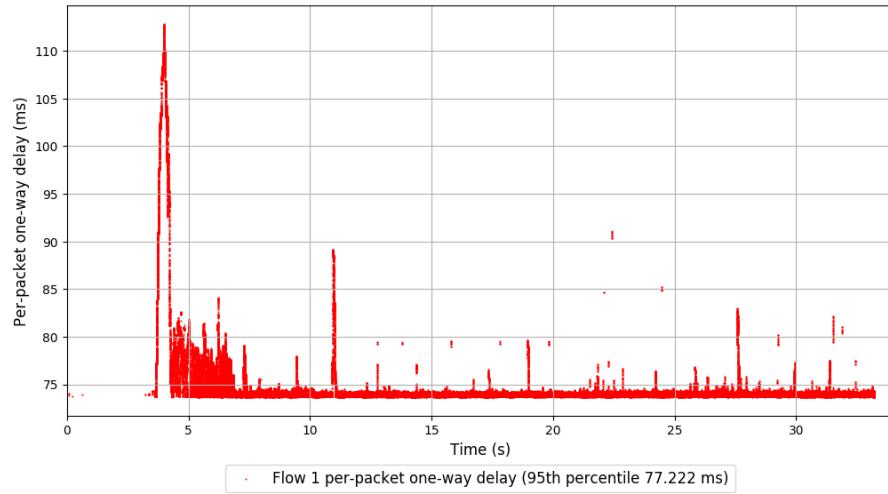
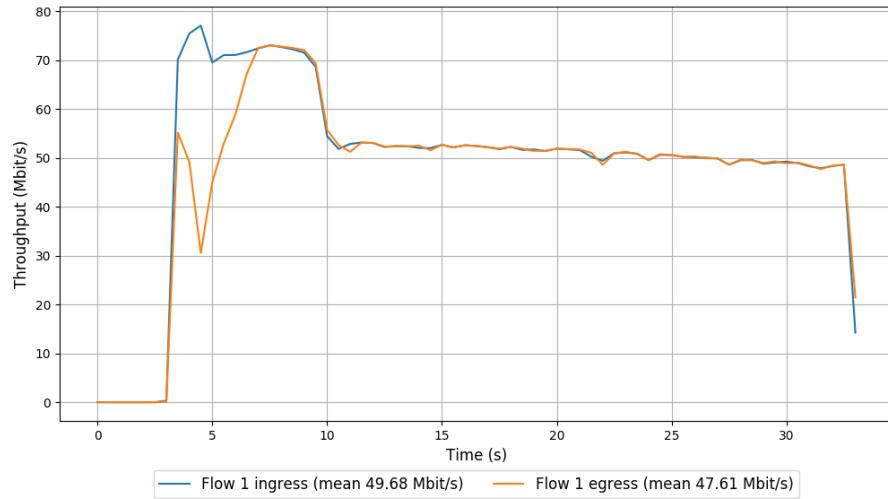


Run 9: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 21:14:09 +0000
End at: Thu, 29 Jun 2017 21:14:39 +0000
Local clock offset: 0.611 ms
Remote clock offset: -14.304 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:10:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.61 Mbit/s
95th percentile per-packet one-way delay: 77.222 ms
Loss rate: 4.17%
-- Flow 1:
Average throughput: 47.61 Mbit/s
95th percentile per-packet one-way delay: 77.222 ms
Loss rate: 4.17%
```

Run 9: Report of Copa — Data Link

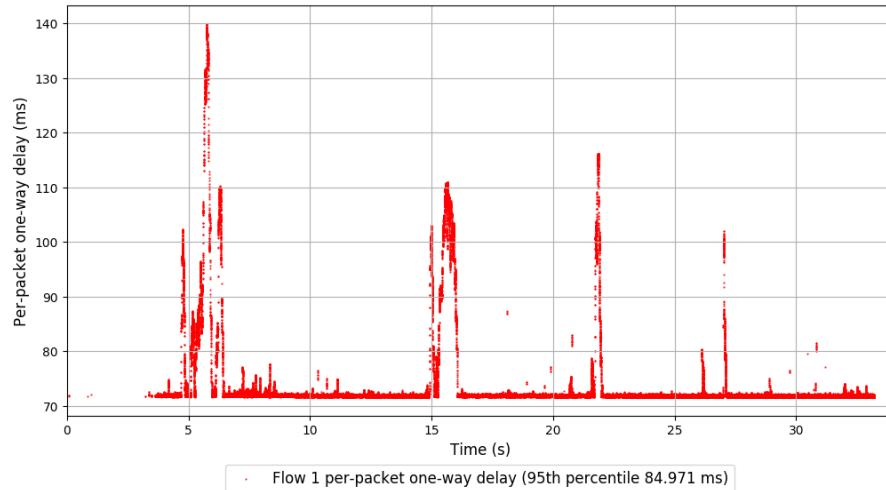
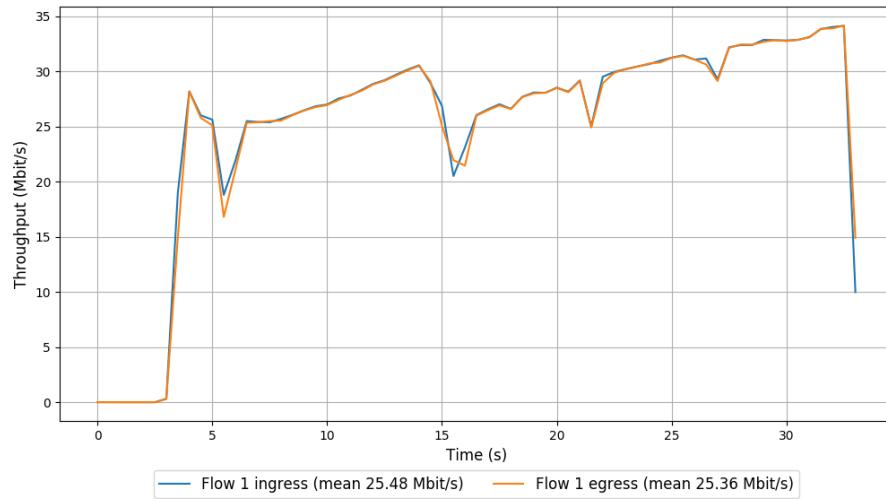


Run 10: Statistics of Copa

```
Start at: Thu, 29 Jun 2017 21:31:23 +0000
End at: Thu, 29 Jun 2017 21:31:53 +0000
Local clock offset: 0.629 ms
Remote clock offset: -13.264 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:10:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.36 Mbit/s
95th percentile per-packet one-way delay: 84.971 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 25.36 Mbit/s
95th percentile per-packet one-way delay: 84.971 ms
Loss rate: 0.47%
```

Run 10: Report of Copa — Data Link



```
Run 1: Statistics of TCP Cubic
```

```
Start at: Thu, 29 Jun 2017 19:09:55 +0000
```

```
End at: Thu, 29 Jun 2017 19:10:25 +0000
```

```
Local clock offset: -0.168 ms
```

```
Remote clock offset: -2.427 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 01:10:42 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 64.73 Mbit/s
```

```
95th percentile per-packet one-way delay: 195.786 ms
```

```
Loss rate: 0.04%
```

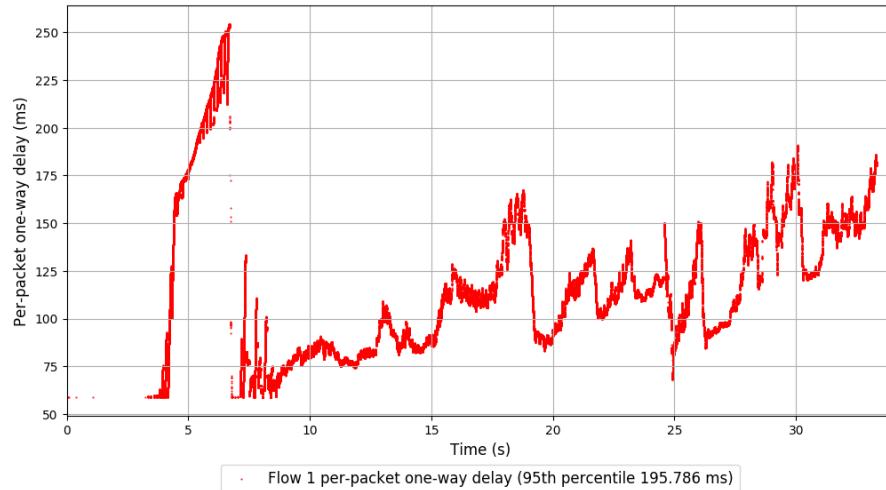
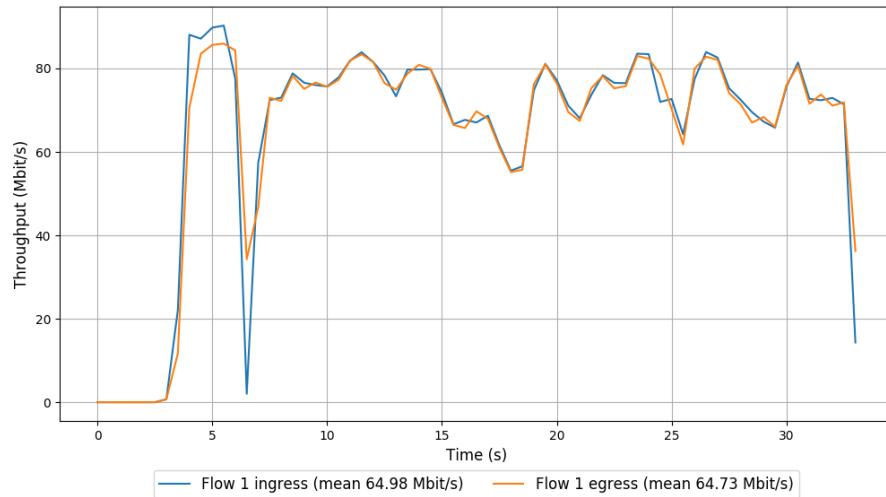
```
-- Flow 1:
```

```
Average throughput: 64.73 Mbit/s
```

```
95th percentile per-packet one-way delay: 195.786 ms
```

```
Loss rate: 0.04%
```

Run 1: Report of TCP Cubic — Data Link

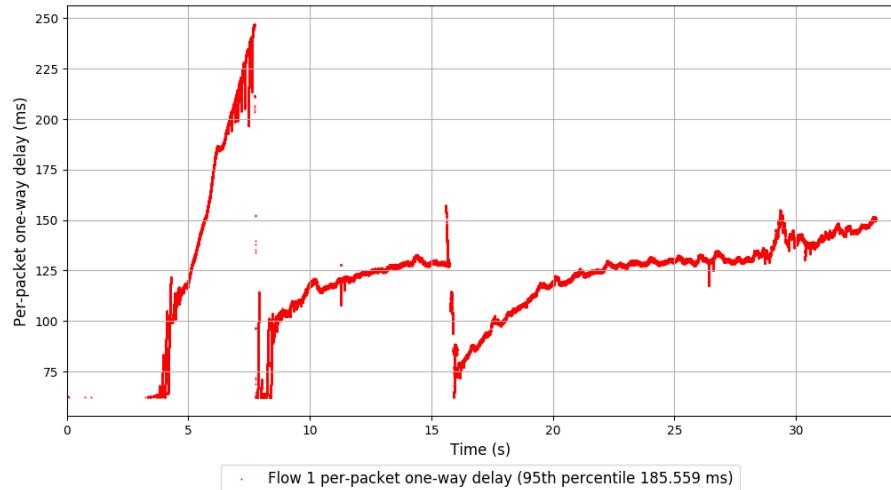
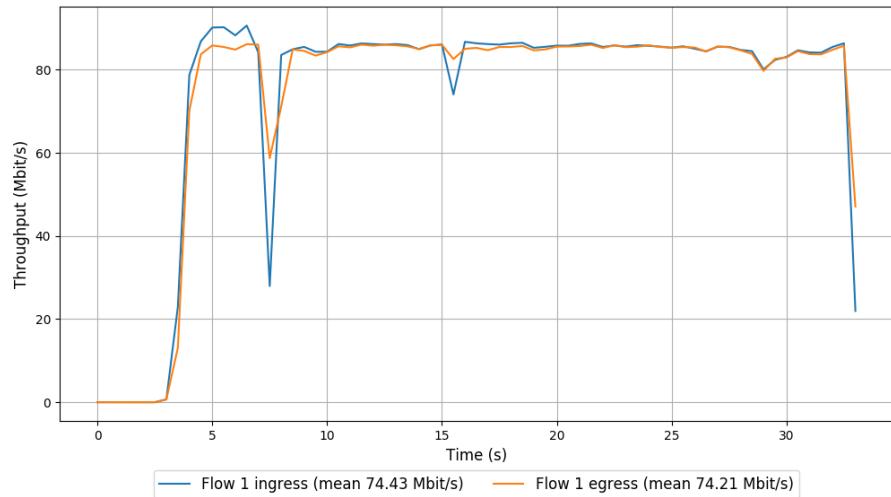


Run 2: Statistics of TCP Cubic

```
Start at: Thu, 29 Jun 2017 19:27:34 +0000
End at: Thu, 29 Jun 2017 19:28:04 +0000
Local clock offset: 0.045 ms
Remote clock offset: -4.31 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:10:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.21 Mbit/s
95th percentile per-packet one-way delay: 185.559 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 74.21 Mbit/s
95th percentile per-packet one-way delay: 185.559 ms
Loss rate: 0.04%
```

Run 2: Report of TCP Cubic — Data Link

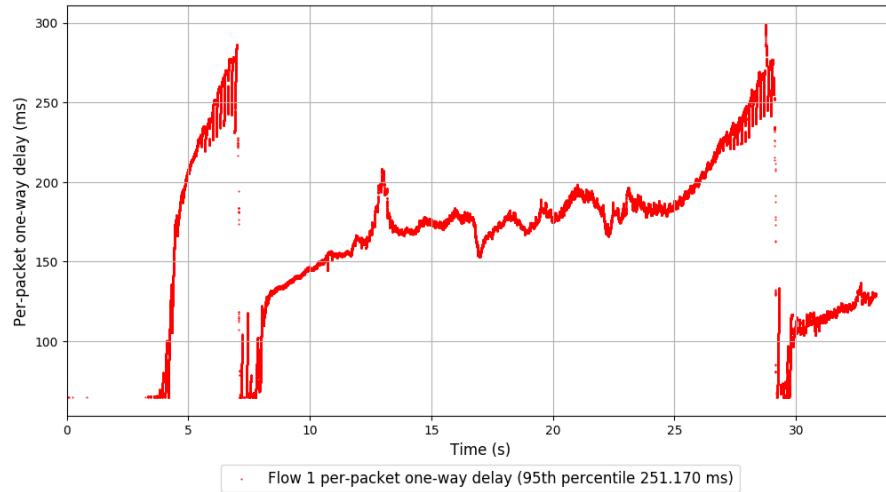
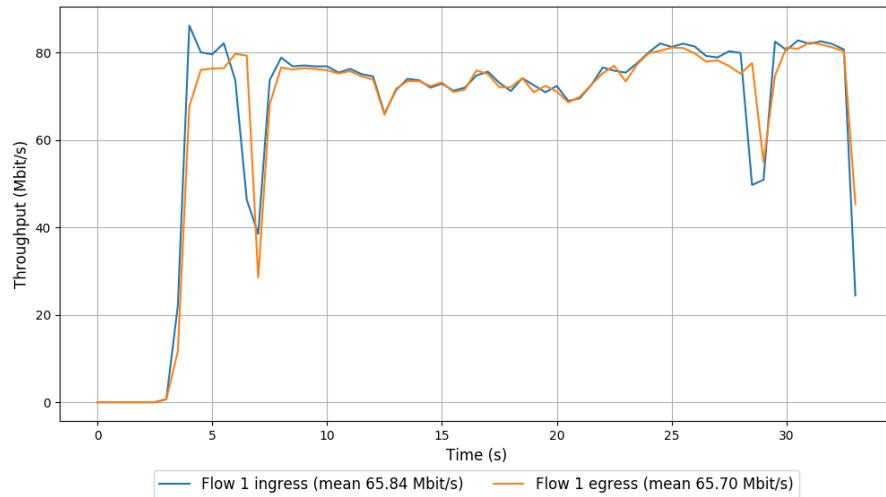


Run 3: Statistics of TCP Cubic

```
Start at: Thu, 29 Jun 2017 19:44:51 +0000
End at: Thu, 29 Jun 2017 19:45:21 +0000
Local clock offset: 0.21 ms
Remote clock offset: -6.972 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:10:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.70 Mbit/s
95th percentile per-packet one-way delay: 251.170 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 65.70 Mbit/s
95th percentile per-packet one-way delay: 251.170 ms
Loss rate: 0.05%
```

Run 3: Report of TCP Cubic — Data Link

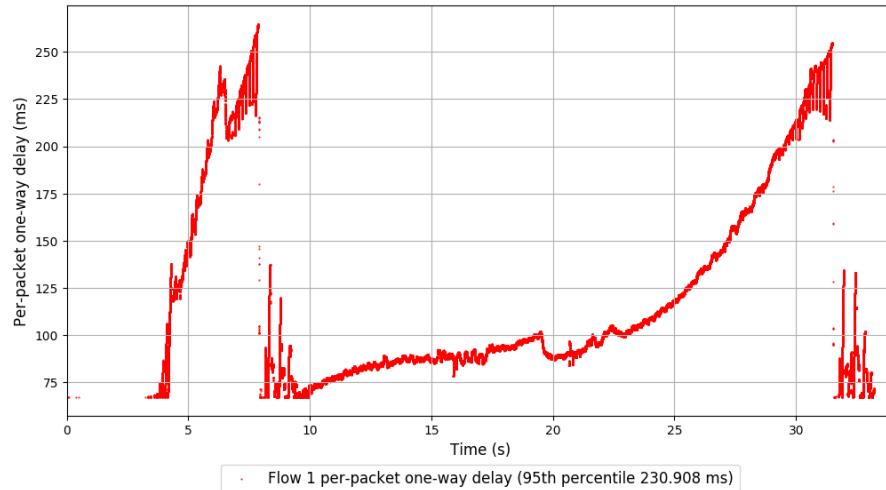
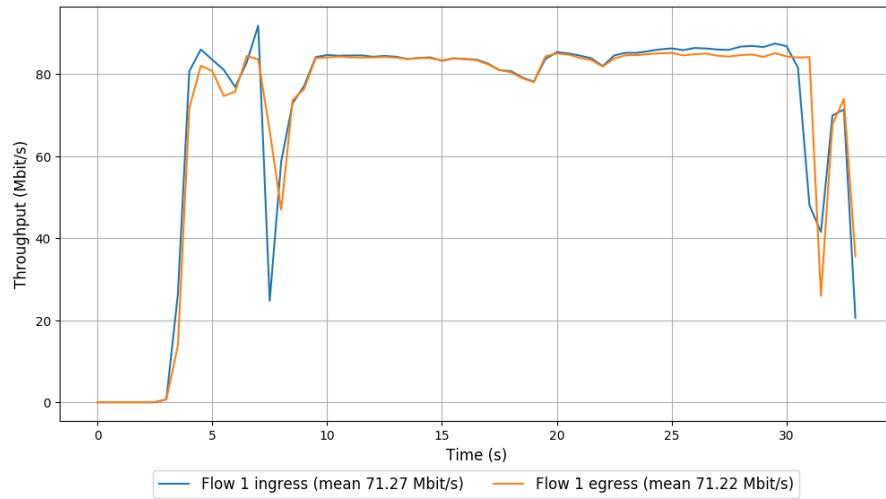


Run 4: Statistics of TCP Cubic

```
Start at: Thu, 29 Jun 2017 20:02:15 +0000
End at: Thu, 29 Jun 2017 20:02:45 +0000
Local clock offset: 0.403 ms
Remote clock offset: -9.052 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:10:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.22 Mbit/s
95th percentile per-packet one-way delay: 230.908 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 71.22 Mbit/s
95th percentile per-packet one-way delay: 230.908 ms
Loss rate: 0.05%
```

Run 4: Report of TCP Cubic — Data Link

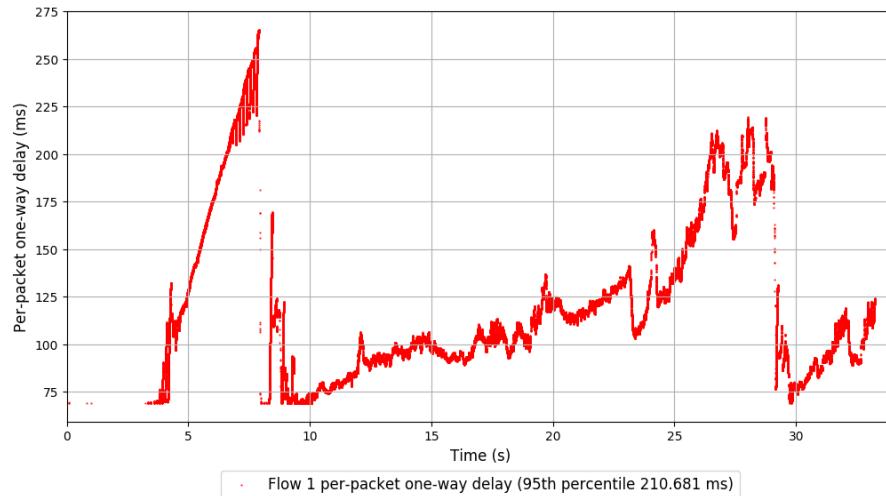
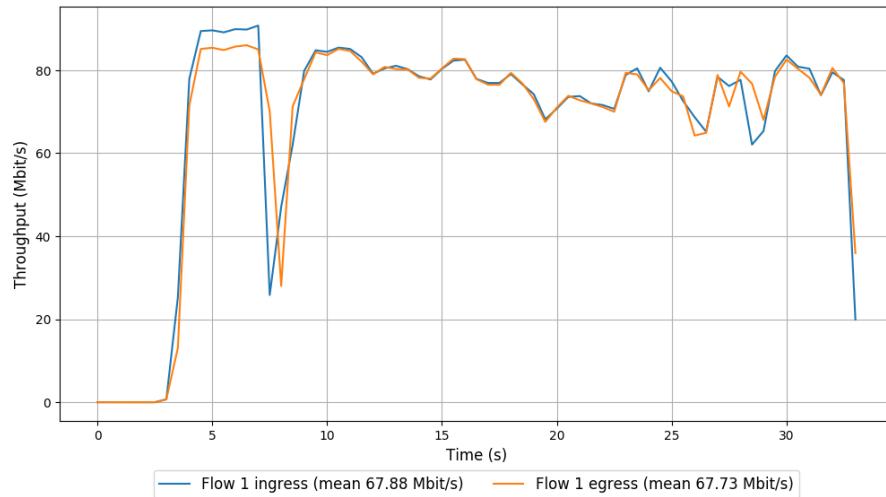


Run 5: Statistics of TCP Cubic

```
Start at: Thu, 29 Jun 2017 20:19:51 +0000
End at: Thu, 29 Jun 2017 20:20:21 +0000
Local clock offset: 0.632 ms
Remote clock offset: -10.958 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:11:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.73 Mbit/s
95th percentile per-packet one-way delay: 210.681 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 67.73 Mbit/s
95th percentile per-packet one-way delay: 210.681 ms
Loss rate: 0.06%
```

Run 5: Report of TCP Cubic — Data Link

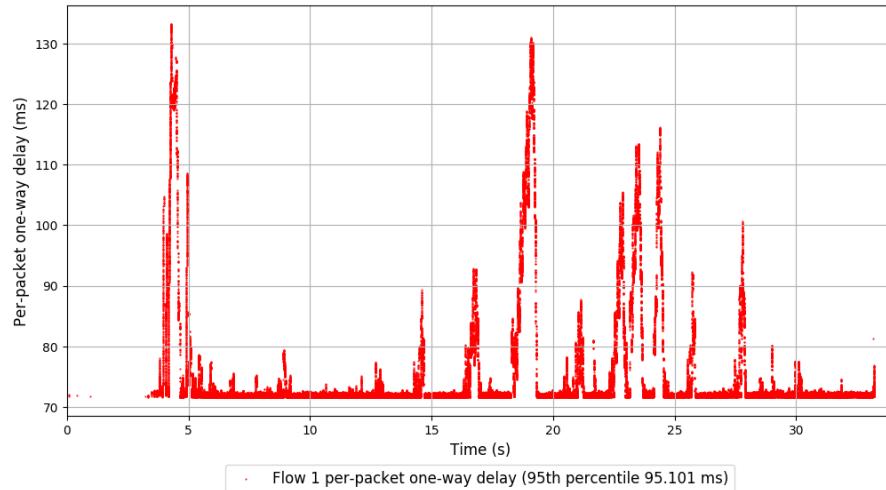
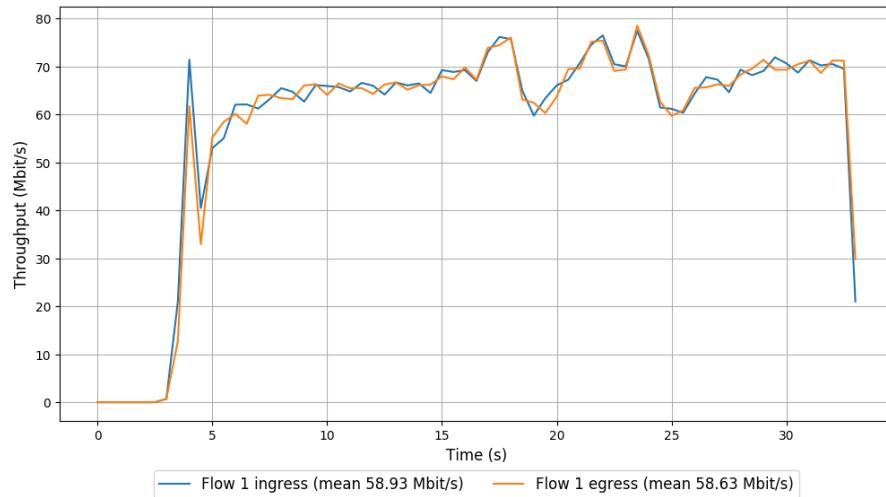


Run 6: Statistics of TCP Cubic

```
Start at: Thu, 29 Jun 2017 20:37:15 +0000
End at: Thu, 29 Jun 2017 20:37:45 +0000
Local clock offset: 0.661 ms
Remote clock offset: -12.734 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:11:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.63 Mbit/s
95th percentile per-packet one-way delay: 95.101 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 58.63 Mbit/s
95th percentile per-packet one-way delay: 95.101 ms
Loss rate: 0.51%
```

Run 6: Report of TCP Cubic — Data Link

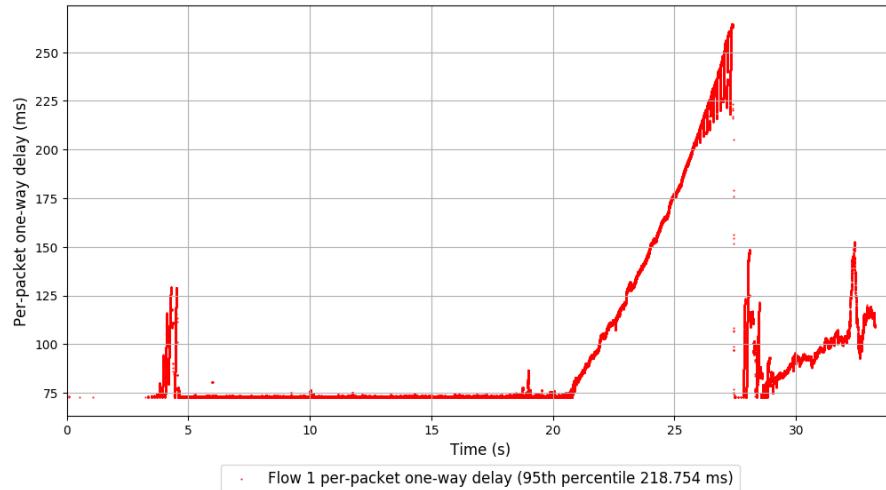
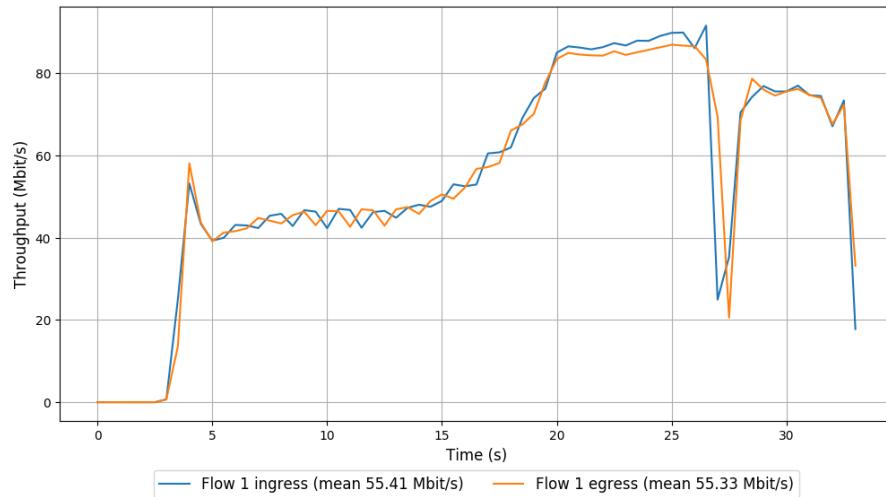


Run 7: Statistics of TCP Cubic

```
Start at: Thu, 29 Jun 2017 20:54:31 +0000
End at: Thu, 29 Jun 2017 20:55:01 +0000
Local clock offset: 0.704 ms
Remote clock offset: -14.136 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:11:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.33 Mbit/s
95th percentile per-packet one-way delay: 218.754 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 55.33 Mbit/s
95th percentile per-packet one-way delay: 218.754 ms
Loss rate: 0.04%
```

Run 7: Report of TCP Cubic — Data Link

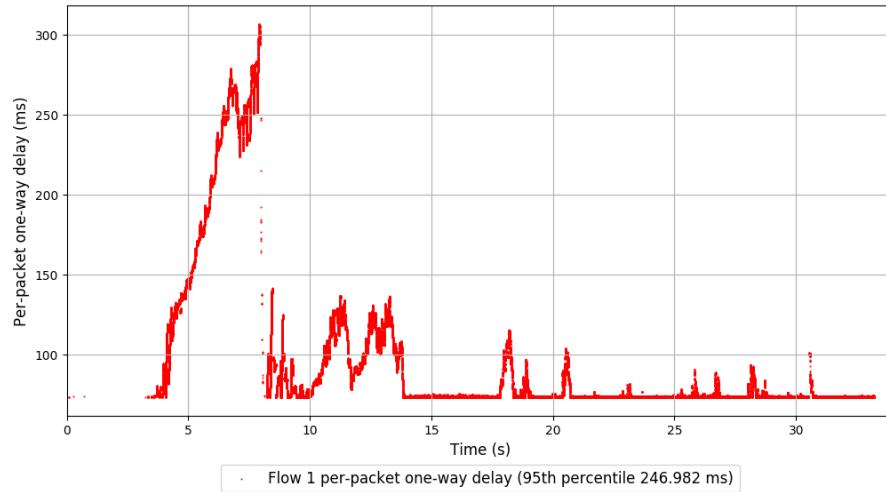
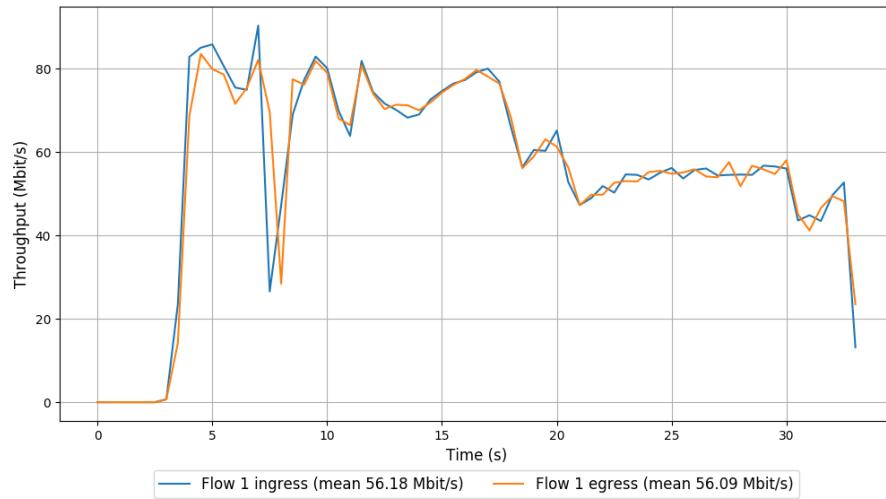


Run 8: Statistics of TCP Cubic

```
Start at: Thu, 29 Jun 2017 21:11:49 +0000
End at: Thu, 29 Jun 2017 21:12:19 +0000
Local clock offset: 0.715 ms
Remote clock offset: -14.594 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:11:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.09 Mbit/s
95th percentile per-packet one-way delay: 246.982 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 56.09 Mbit/s
95th percentile per-packet one-way delay: 246.982 ms
Loss rate: 0.15%
```

Run 8: Report of TCP Cubic — Data Link

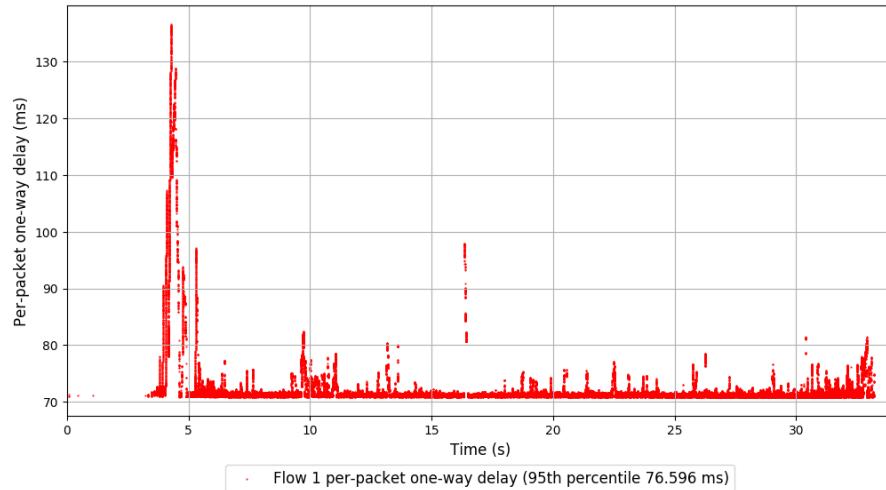
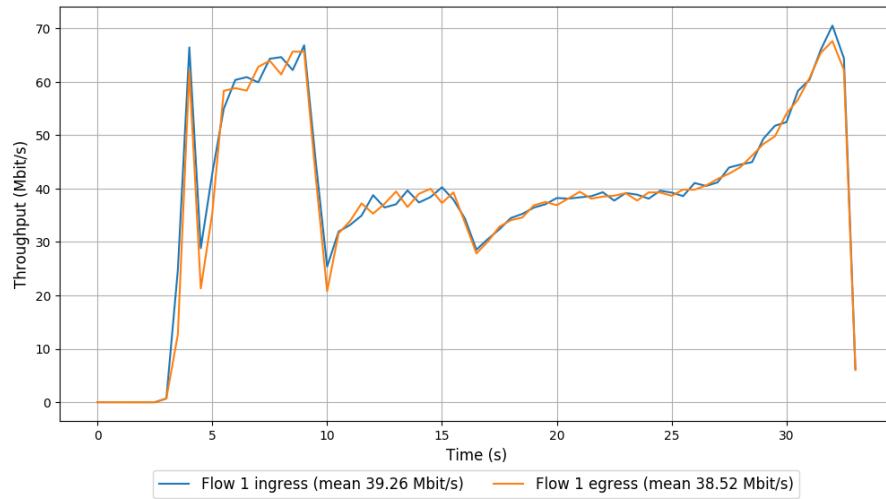


Run 9: Statistics of TCP Cubic

```
Start at: Thu, 29 Jun 2017 21:29:03 +0000
End at: Thu, 29 Jun 2017 21:29:34 +0000
Local clock offset: 0.673 ms
Remote clock offset: -13.519 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:11:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.52 Mbit/s
95th percentile per-packet one-way delay: 76.596 ms
Loss rate: 1.87%
-- Flow 1:
Average throughput: 38.52 Mbit/s
95th percentile per-packet one-way delay: 76.596 ms
Loss rate: 1.87%
```

Run 9: Report of TCP Cubic — Data Link

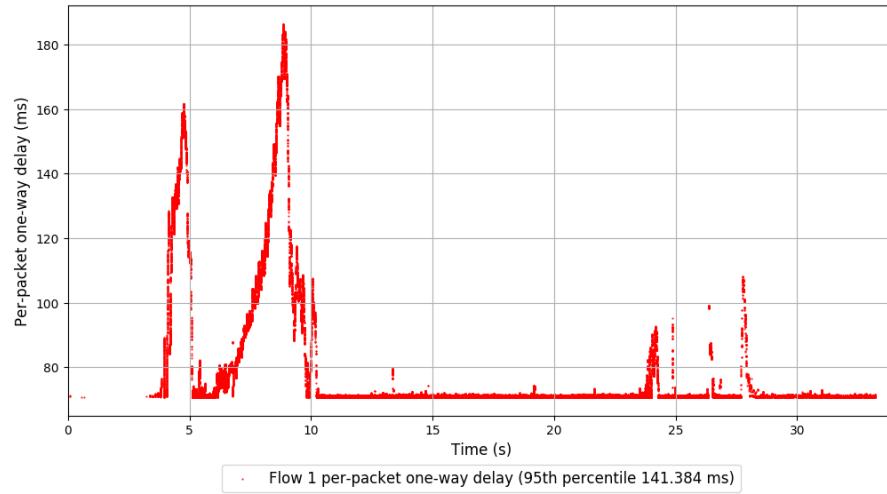
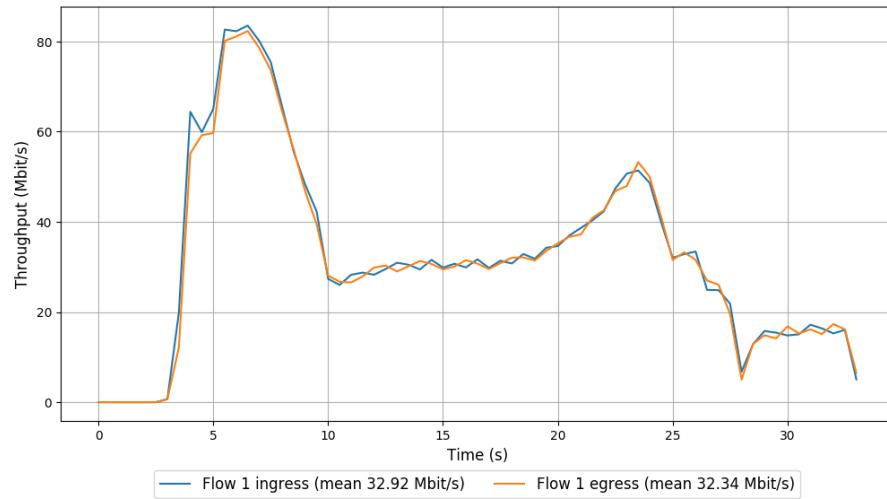


Run 10: Statistics of TCP Cubic

```
Start at: Thu, 29 Jun 2017 21:46:23 +0000
End at: Thu, 29 Jun 2017 21:46:54 +0000
Local clock offset: 0.65 ms
Remote clock offset: -11.645 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:11:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.34 Mbit/s
95th percentile per-packet one-way delay: 141.384 ms
Loss rate: 1.77%
-- Flow 1:
Average throughput: 32.34 Mbit/s
95th percentile per-packet one-way delay: 141.384 ms
Loss rate: 1.77%
```

Run 10: Report of TCP Cubic — Data Link



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

```
Start at: Thu, 29 Jun 2017 18:59:26 +0000
```

```
End at: Thu, 29 Jun 2017 18:59:56 +0000
```

```
Local clock offset: -0.246 ms
```

```
Remote clock offset: -1.906 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 01:11:24 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 9.17 Mbit/s
```

```
95th percentile per-packet one-way delay: 59.973 ms
```

```
Loss rate: 0.00%
```

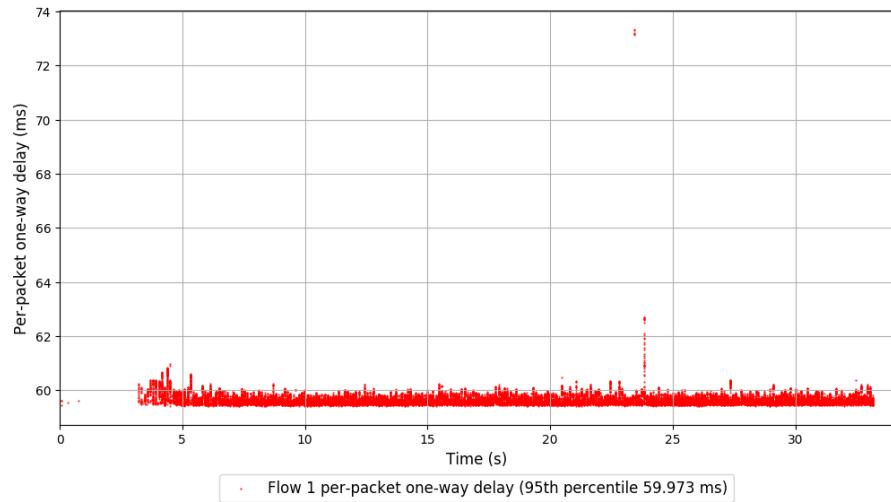
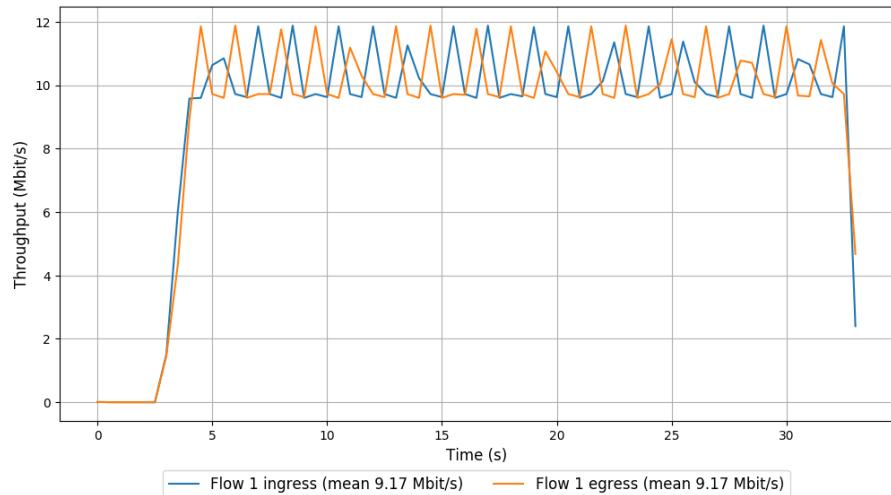
```
-- Flow 1:
```

```
Average throughput: 9.17 Mbit/s
```

```
95th percentile per-packet one-way delay: 59.973 ms
```

```
Loss rate: 0.00%
```

Run 1: Report of KohoCC — Data Link

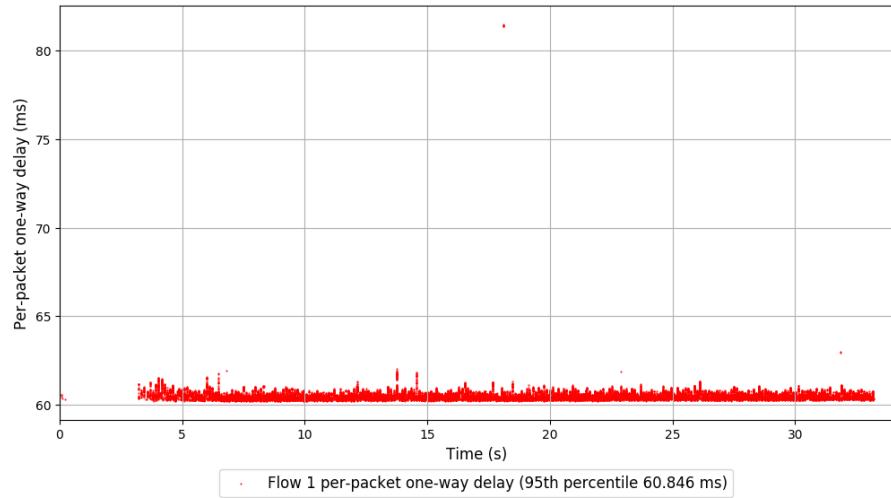
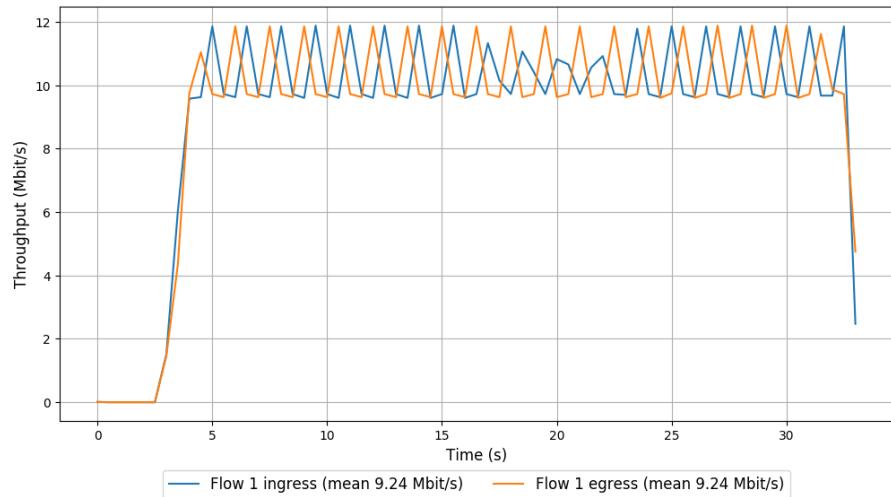


Run 2: Statistics of KohoCC

```
Start at: Thu, 29 Jun 2017 19:17:02 +0000
End at: Thu, 29 Jun 2017 19:17:32 +0000
Local clock offset: -0.018 ms
Remote clock offset: -3.318 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:11:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.24 Mbit/s
95th percentile per-packet one-way delay: 60.846 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.24 Mbit/s
95th percentile per-packet one-way delay: 60.846 ms
Loss rate: 0.00%
```

Run 2: Report of KohoCC — Data Link

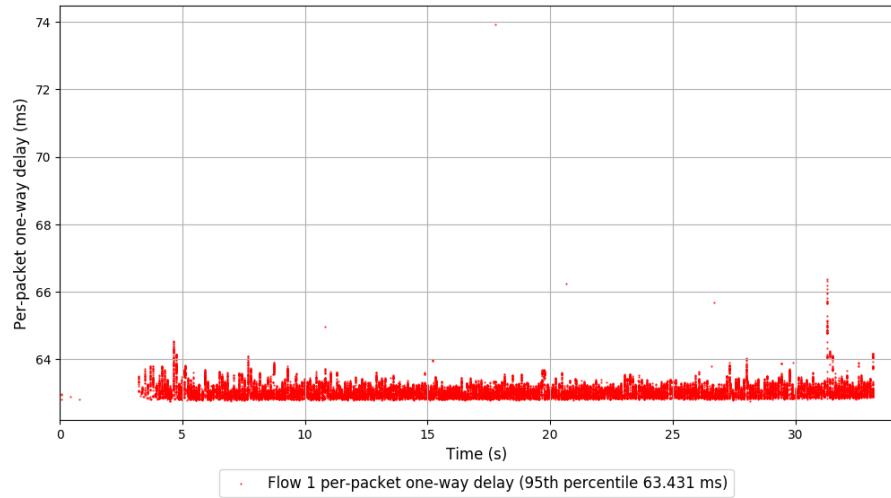
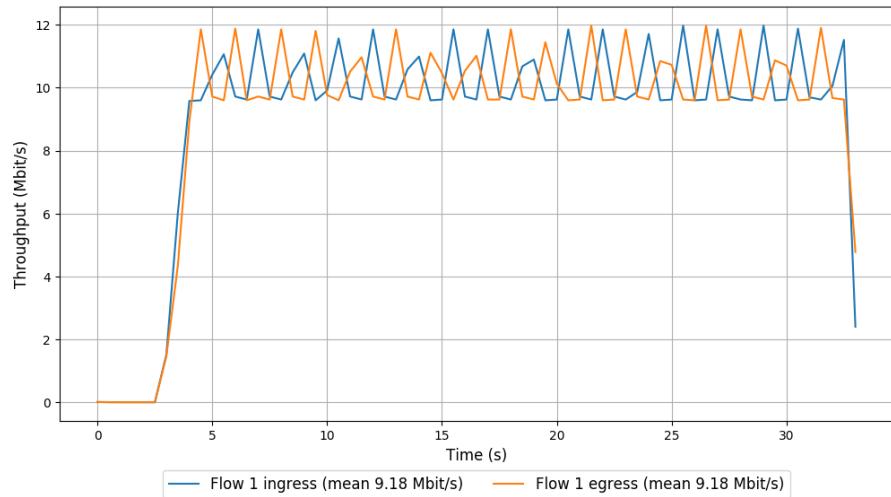


Run 3: Statistics of KohoCC

```
Start at: Thu, 29 Jun 2017 19:34:32 +0000
End at: Thu, 29 Jun 2017 19:35:02 +0000
Local clock offset: 0.058 ms
Remote clock offset: -4.694 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:11:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.18 Mbit/s
95th percentile per-packet one-way delay: 63.431 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.18 Mbit/s
95th percentile per-packet one-way delay: 63.431 ms
Loss rate: 0.00%
```

Run 3: Report of KohoCC — Data Link

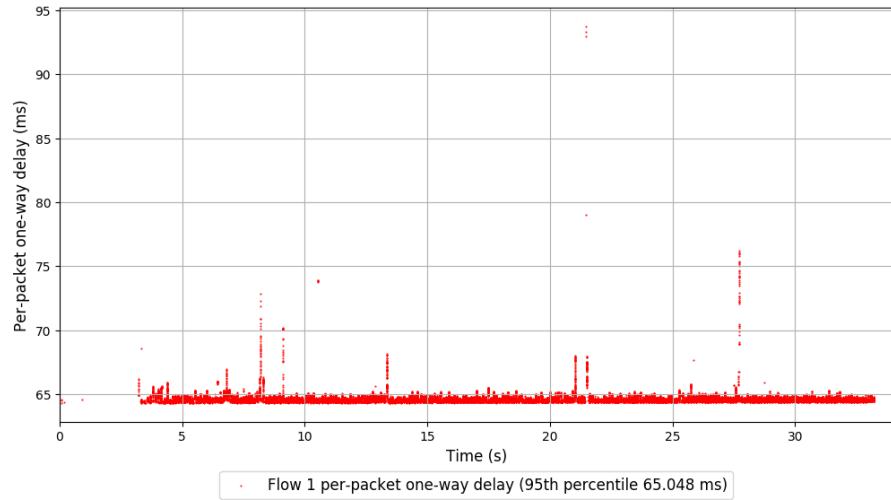
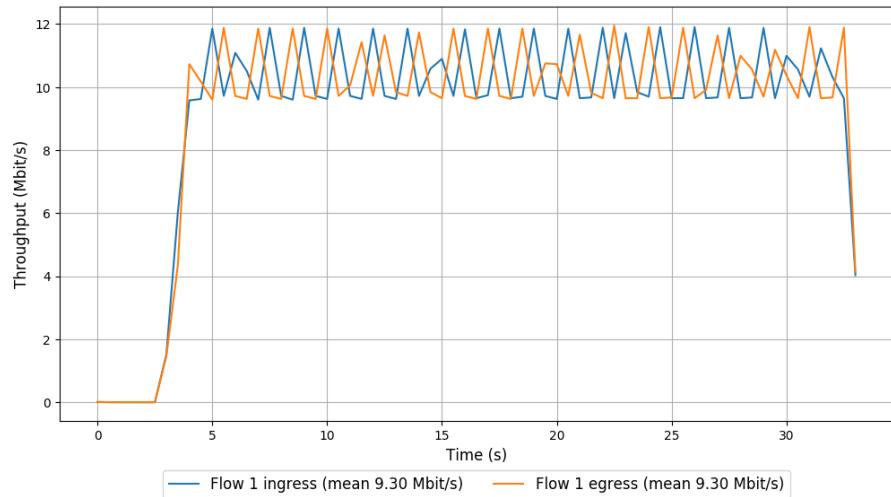


Run 4: Statistics of KohoCC

```
Start at: Thu, 29 Jun 2017 19:51:58 +0000
End at: Thu, 29 Jun 2017 19:52:28 +0000
Local clock offset: 0.292 ms
Remote clock offset: -7.583 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:11:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.30 Mbit/s
95th percentile per-packet one-way delay: 65.048 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.30 Mbit/s
95th percentile per-packet one-way delay: 65.048 ms
Loss rate: 0.00%
```

Run 4: Report of KohoCC — Data Link

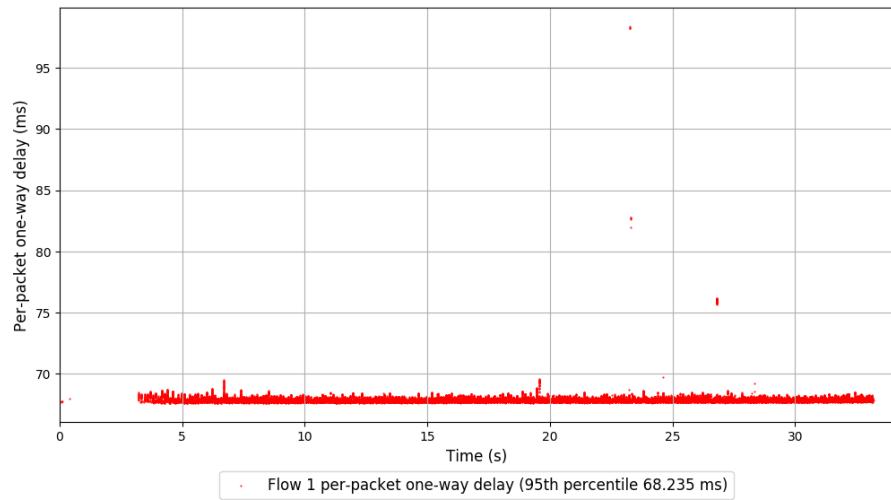
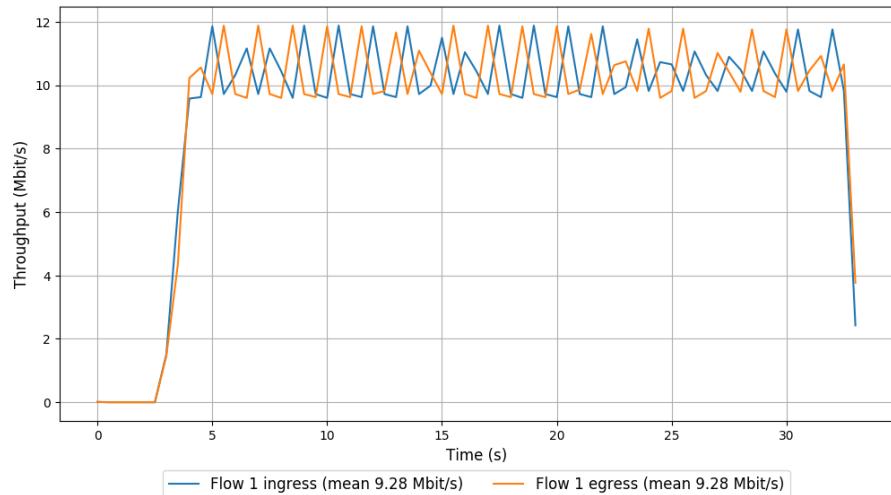


Run 5: Statistics of KohoCC

```
Start at: Thu, 29 Jun 2017 20:09:26 +0000
End at: Thu, 29 Jun 2017 20:09:56 +0000
Local clock offset: 0.46 ms
Remote clock offset: -10.308 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:11:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.28 Mbit/s
95th percentile per-packet one-way delay: 68.235 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.28 Mbit/s
95th percentile per-packet one-way delay: 68.235 ms
Loss rate: 0.00%
```

Run 5: Report of KohoCC — Data Link

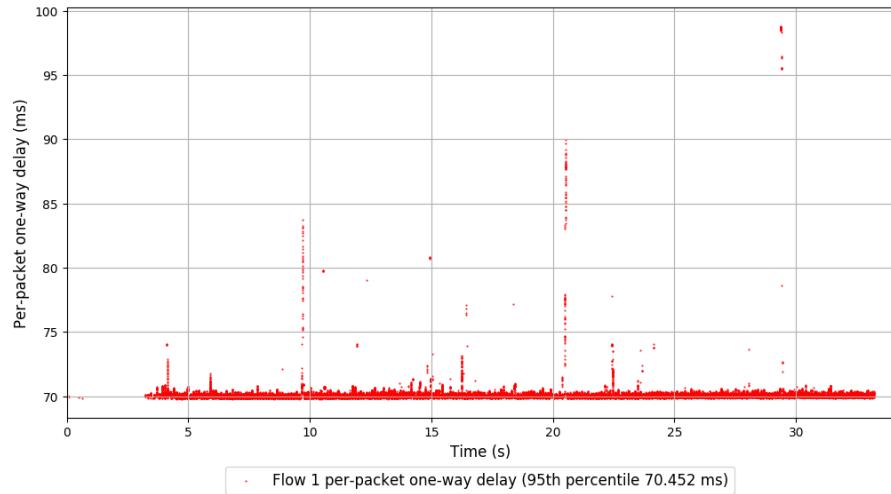
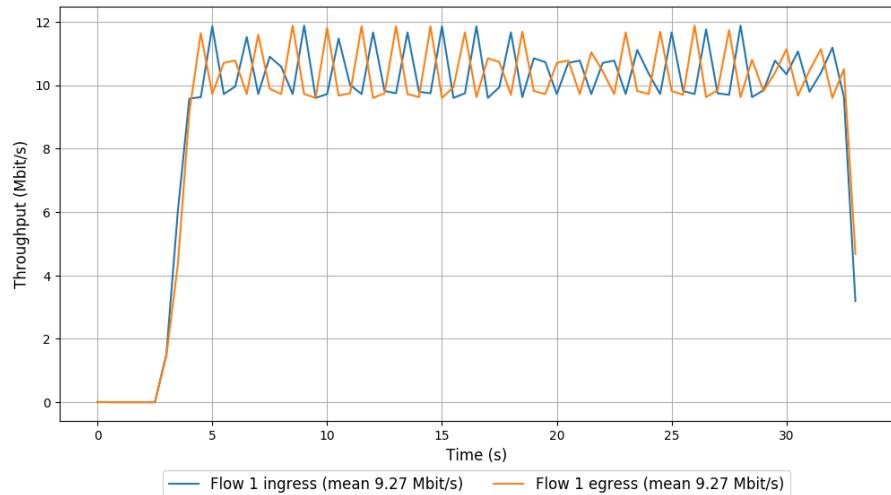


Run 6: Statistics of KohoCC

```
Start at: Thu, 29 Jun 2017 20:26:50 +0000
End at: Thu, 29 Jun 2017 20:27:20 +0000
Local clock offset: 0.582 ms
Remote clock offset: -12.096 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:11:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.27 Mbit/s
95th percentile per-packet one-way delay: 70.452 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.27 Mbit/s
95th percentile per-packet one-way delay: 70.452 ms
Loss rate: 0.00%
```

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Thu, 29 Jun 2017 20:44:12 +0000

End at: Thu, 29 Jun 2017 20:44:42 +0000

Local clock offset: 0.712 ms

Remote clock offset: -13.294 ms

Below is generated by plot.py at Fri, 30 Jun 2017 01:11:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.21 Mbit/s

95th percentile per-packet one-way delay: 72.251 ms

Loss rate: 0.00%

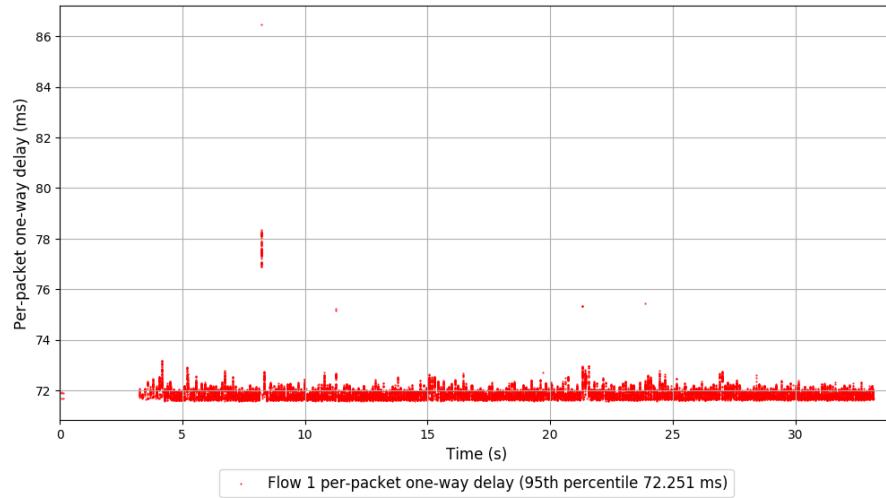
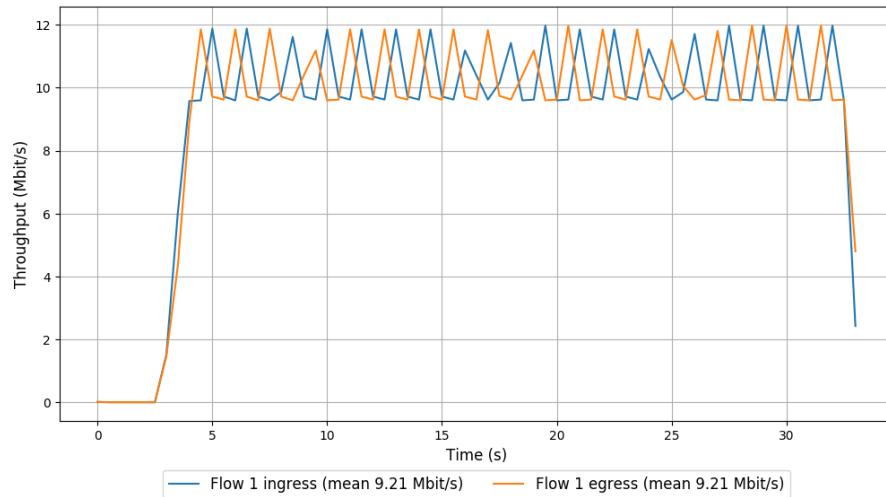
-- Flow 1:

Average throughput: 9.21 Mbit/s

95th percentile per-packet one-way delay: 72.251 ms

Loss rate: 0.00%

Run 7: Report of KohoCC — Data Link

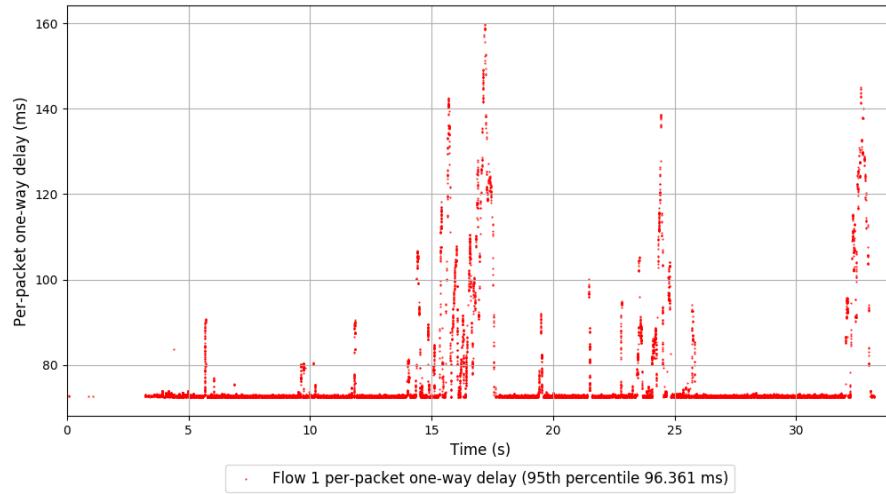
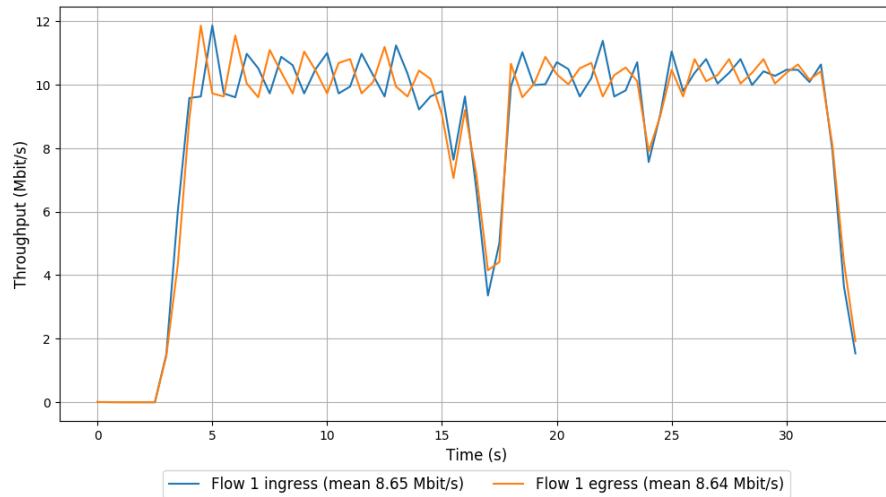


Run 8: Statistics of KohoCC

```
Start at: Thu, 29 Jun 2017 21:01:28 +0000
End at: Thu, 29 Jun 2017 21:01:58 +0000
Local clock offset: 0.709 ms
Remote clock offset: -14.513 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:11:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.64 Mbit/s
95th percentile per-packet one-way delay: 96.361 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 8.64 Mbit/s
95th percentile per-packet one-way delay: 96.361 ms
Loss rate: 0.17%
```

Run 8: Report of KohoCC — Data Link

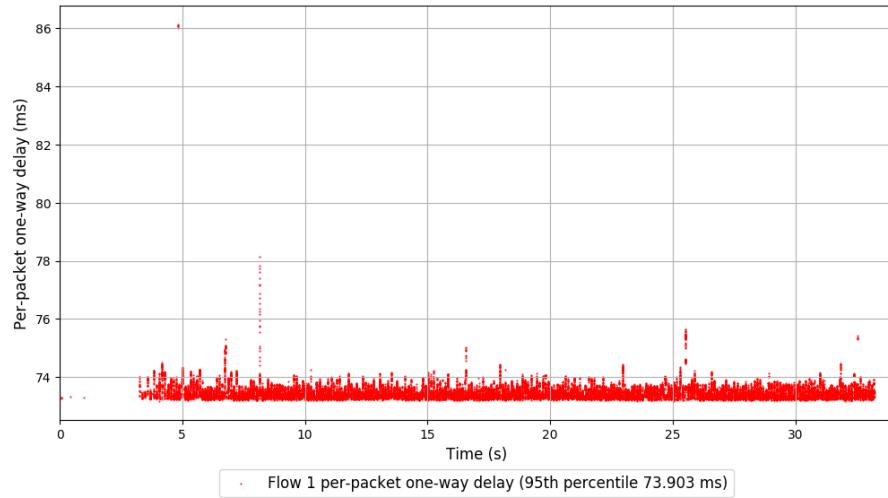
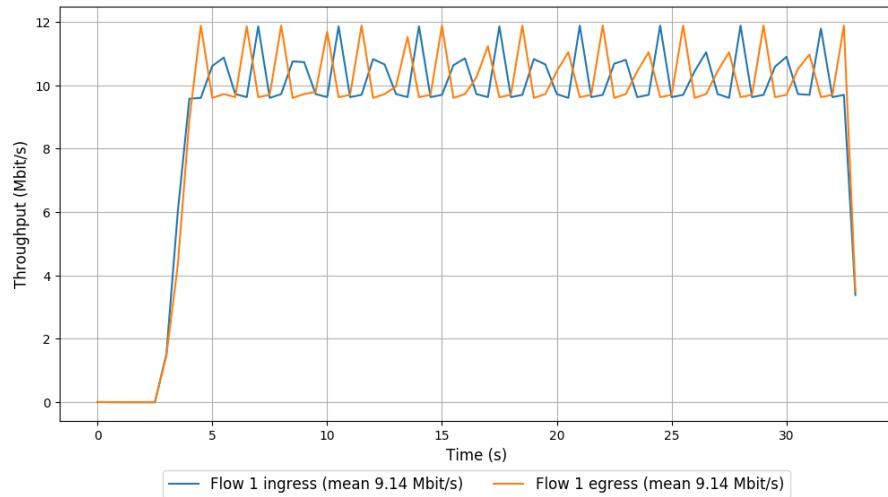


Run 9: Statistics of KohoCC

```
Start at: Thu, 29 Jun 2017 21:18:45 +0000
End at: Thu, 29 Jun 2017 21:19:15 +0000
Local clock offset: 0.636 ms
Remote clock offset: -14.15 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:11:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.14 Mbit/s
95th percentile per-packet one-way delay: 73.903 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.14 Mbit/s
95th percentile per-packet one-way delay: 73.903 ms
Loss rate: 0.00%
```

Run 9: Report of KohoCC — Data Link

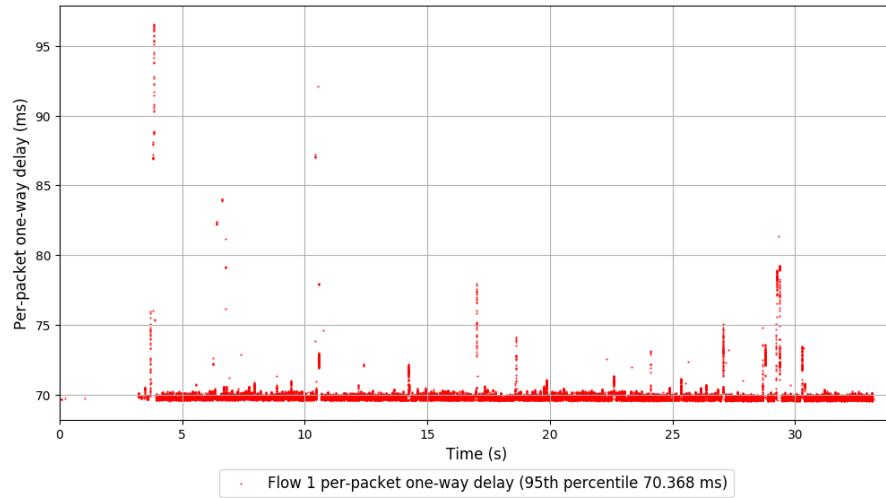
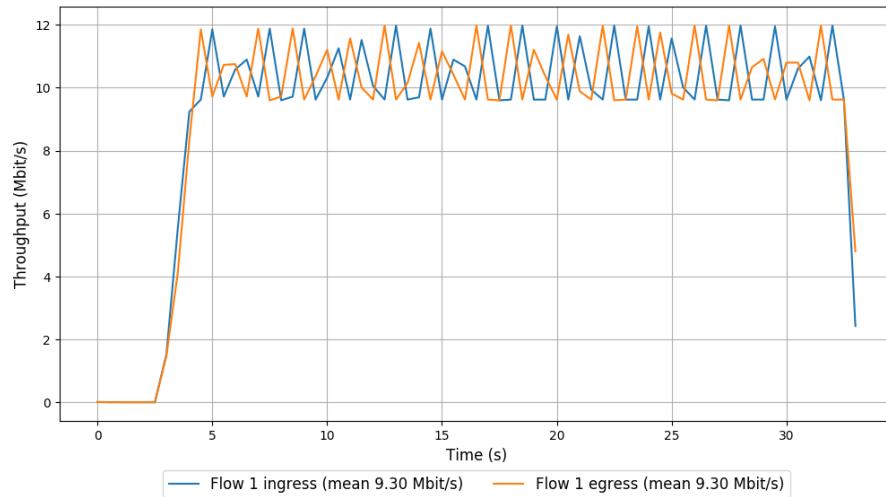


Run 10: Statistics of KohoCC

```
Start at: Thu, 29 Jun 2017 21:35:57 +0000
End at: Thu, 29 Jun 2017 21:36:27 +0000
Local clock offset: 0.639 ms
Remote clock offset: -12.672 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:11:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.30 Mbit/s
95th percentile per-packet one-way delay: 70.368 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.30 Mbit/s
95th percentile per-packet one-way delay: 70.368 ms
Loss rate: 0.00%
```

Run 10: Report of KohoCC — Data Link

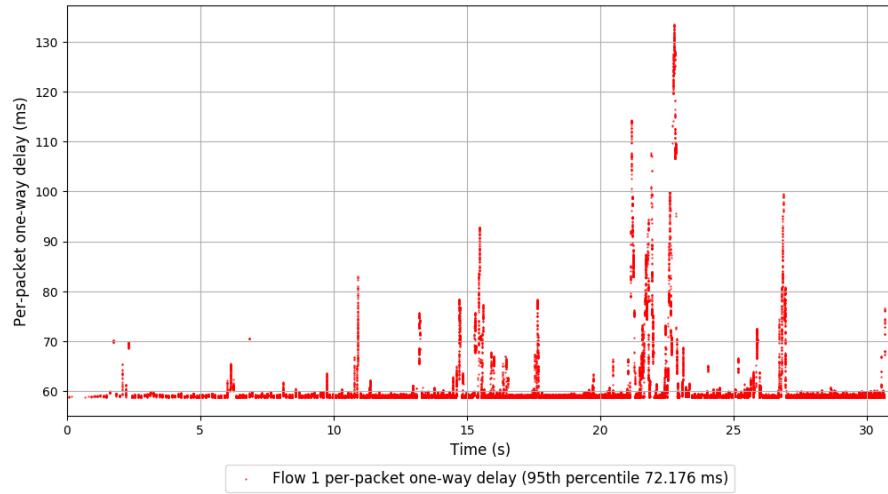
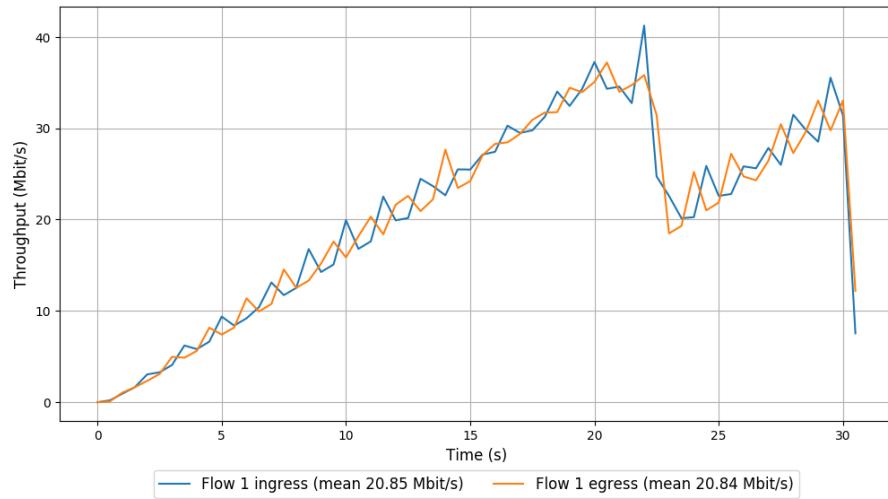


```
Run 1: Statistics of LEDBAT
```

```
Start at: Thu, 29 Jun 2017 19:00:33 +0000
End at: Thu, 29 Jun 2017 19:01:03 +0000
Local clock offset: -0.228 ms
Remote clock offset: -2.208 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:11:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.84 Mbit/s
95th percentile per-packet one-way delay: 72.176 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 20.84 Mbit/s
95th percentile per-packet one-way delay: 72.176 ms
Loss rate: 0.00%
```

Run 1: Report of LEDBAT — Data Link

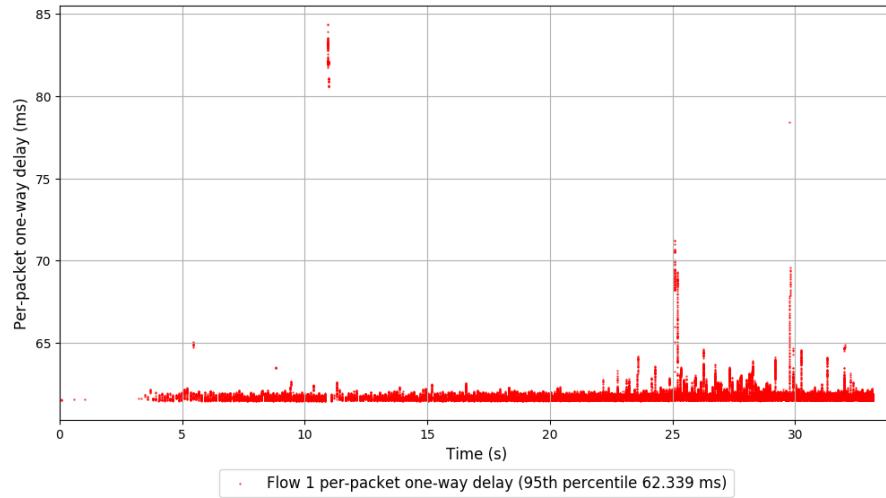
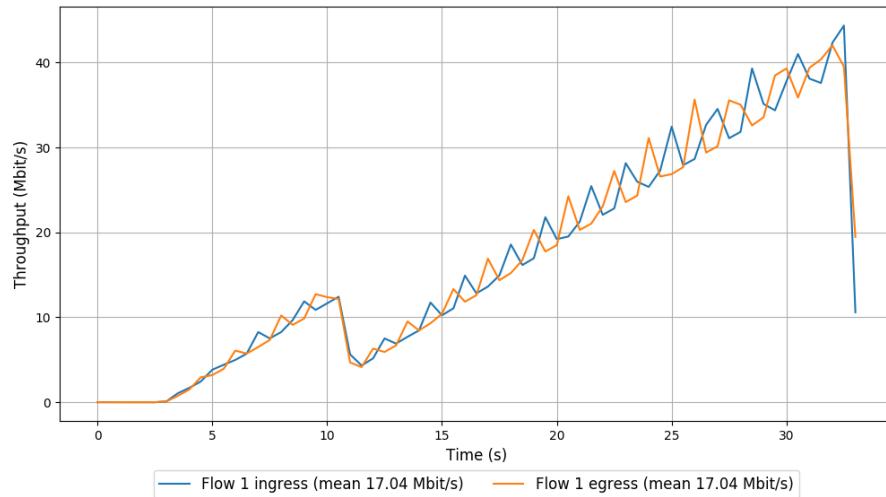


Run 2: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 19:18:09 +0000
End at: Thu, 29 Jun 2017 19:18:39 +0000
Local clock offset: -0.063 ms
Remote clock offset: -3.117 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:11:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.04 Mbit/s
95th percentile per-packet one-way delay: 62.339 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 17.04 Mbit/s
95th percentile per-packet one-way delay: 62.339 ms
Loss rate: 0.02%
```

Run 2: Report of LEDBAT — Data Link

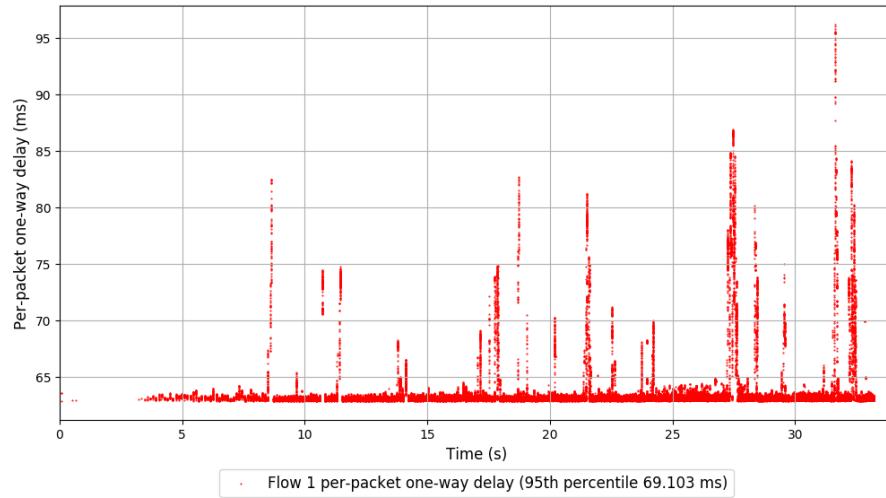
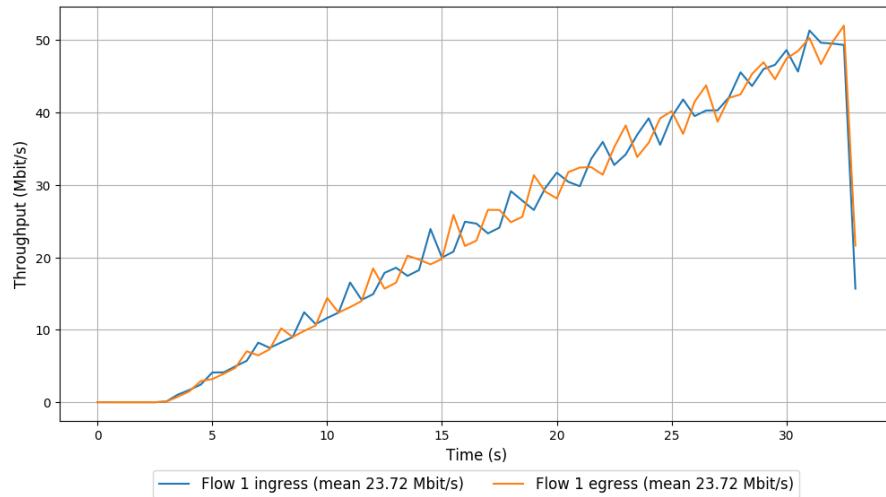


Run 3: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 19:35:39 +0000
End at: Thu, 29 Jun 2017 19:36:09 +0000
Local clock offset: 0.097 ms
Remote clock offset: -4.975 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:11:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.72 Mbit/s
95th percentile per-packet one-way delay: 69.103 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 23.72 Mbit/s
95th percentile per-packet one-way delay: 69.103 ms
Loss rate: 0.00%
```

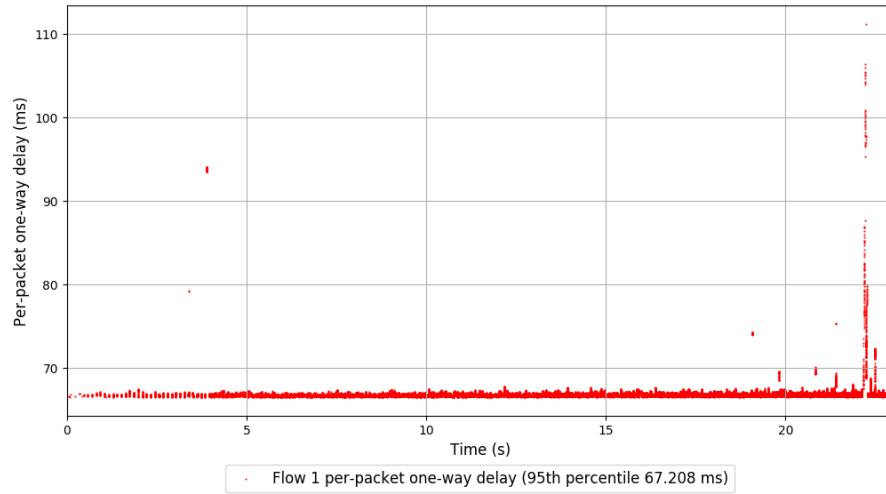
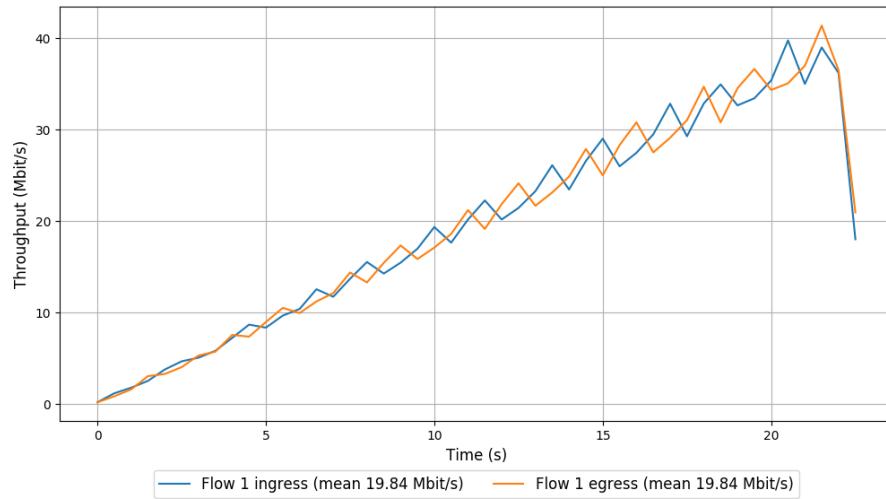
Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: Thu, 29 Jun 2017 19:53:05 +0000
End at: Thu, 29 Jun 2017 19:53:35 +0000
Local clock offset: 0.298 ms
Remote clock offset: -7.748 ms

Run 4: Report of LEDBAT — Data Link

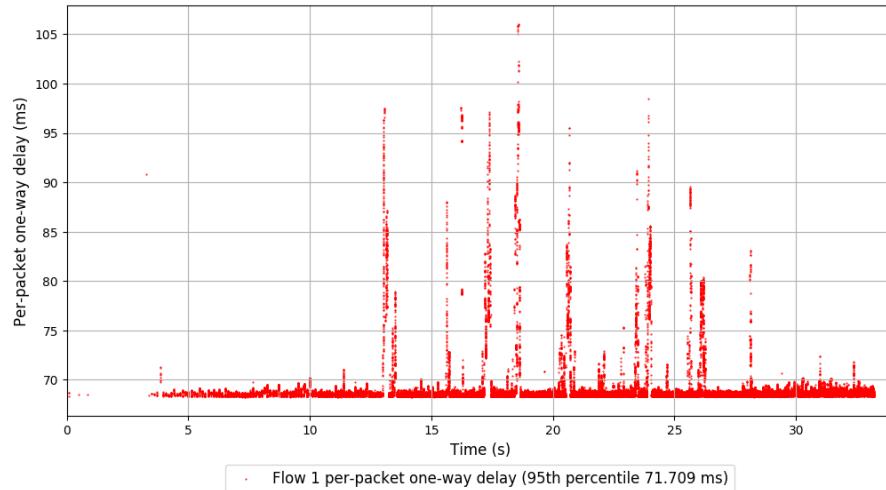
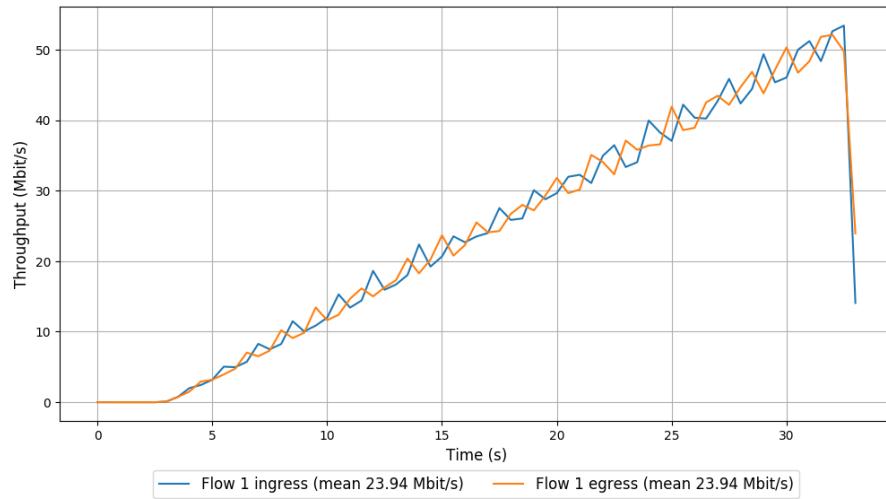


Run 5: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 20:10:33 +0000
End at: Thu, 29 Jun 2017 20:11:04 +0000
Local clock offset: 0.517 ms
Remote clock offset: -10.15 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:11:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.94 Mbit/s
95th percentile per-packet one-way delay: 71.709 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 23.94 Mbit/s
95th percentile per-packet one-way delay: 71.709 ms
Loss rate: 0.00%
```

Run 5: Report of LEDBAT — Data Link

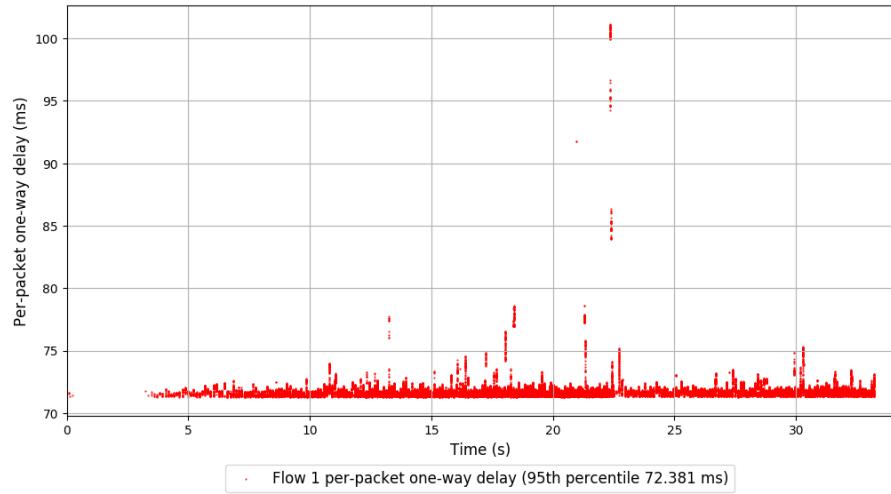
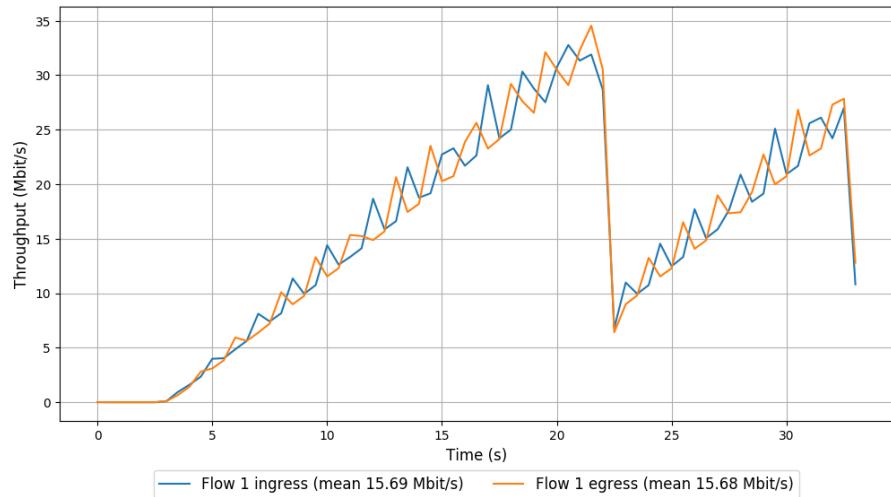


Run 6: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 20:27:57 +0000
End at: Thu, 29 Jun 2017 20:28:27 +0000
Local clock offset: 0.598 ms
Remote clock offset: -12.255 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:11:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.68 Mbit/s
95th percentile per-packet one-way delay: 72.381 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 15.68 Mbit/s
95th percentile per-packet one-way delay: 72.381 ms
Loss rate: 0.06%
```

Run 6: Report of LEDBAT — Data Link

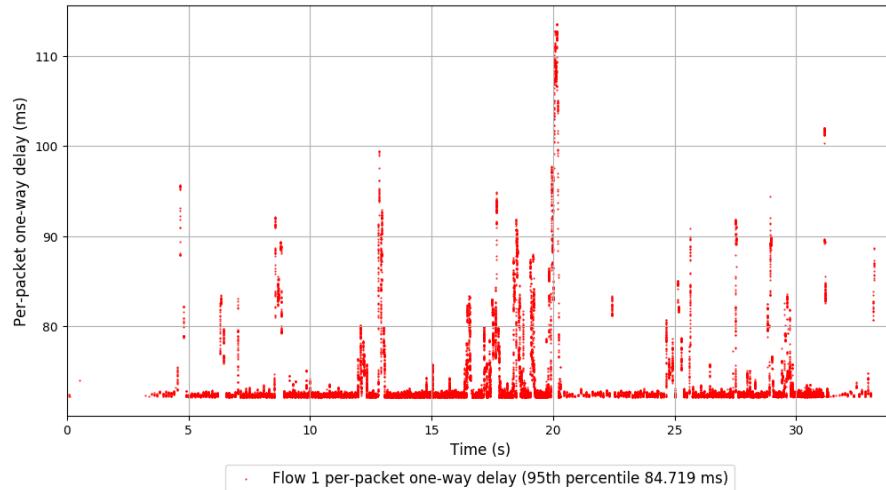
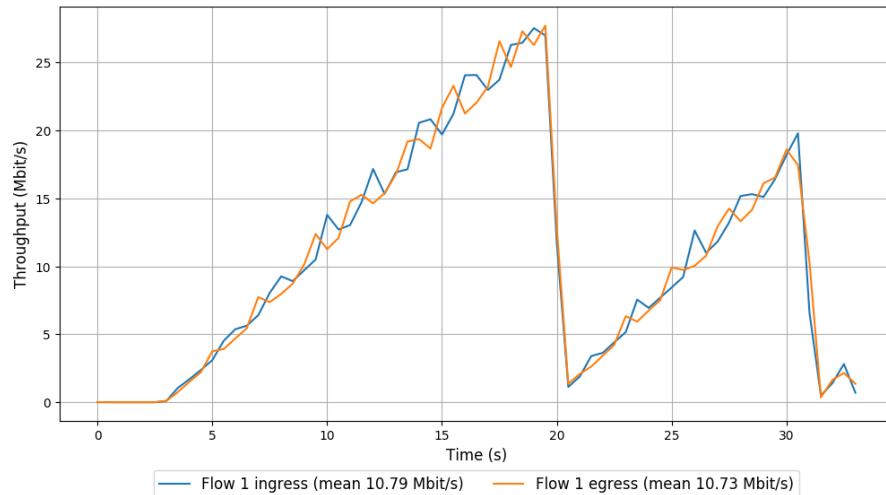


Run 7: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 20:45:19 +0000
End at: Thu, 29 Jun 2017 20:45:49 +0000
Local clock offset: 0.774 ms
Remote clock offset: -13.765 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:11:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.73 Mbit/s
95th percentile per-packet one-way delay: 84.719 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 10.73 Mbit/s
95th percentile per-packet one-way delay: 84.719 ms
Loss rate: 0.43%
```

Run 7: Report of LEDBAT — Data Link

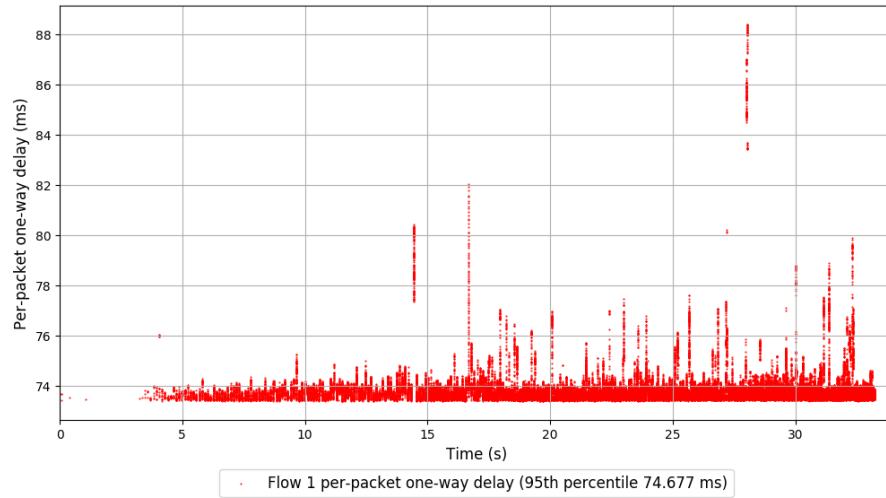
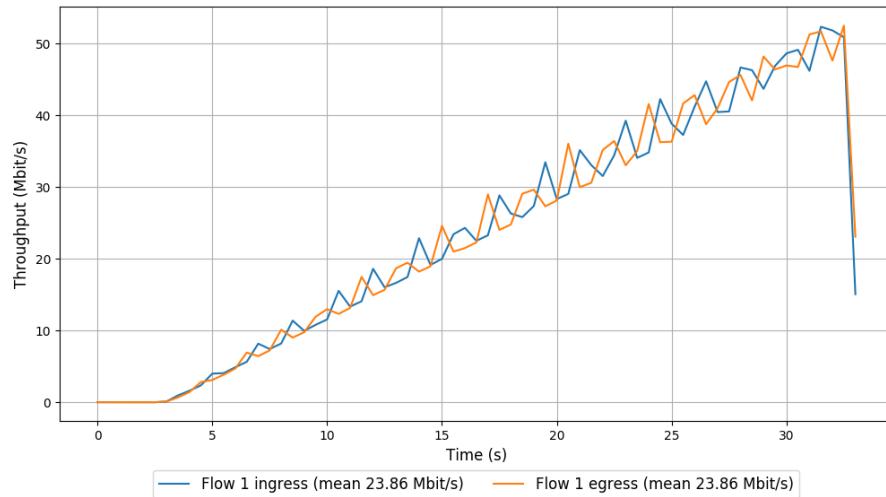


Run 8: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 21:02:35 +0000
End at: Thu, 29 Jun 2017 21:03:05 +0000
Local clock offset: 0.715 ms
Remote clock offset: -14.983 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:11:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.86 Mbit/s
95th percentile per-packet one-way delay: 74.677 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 23.86 Mbit/s
95th percentile per-packet one-way delay: 74.677 ms
Loss rate: 0.00%
```

Run 8: Report of LEDBAT — Data Link

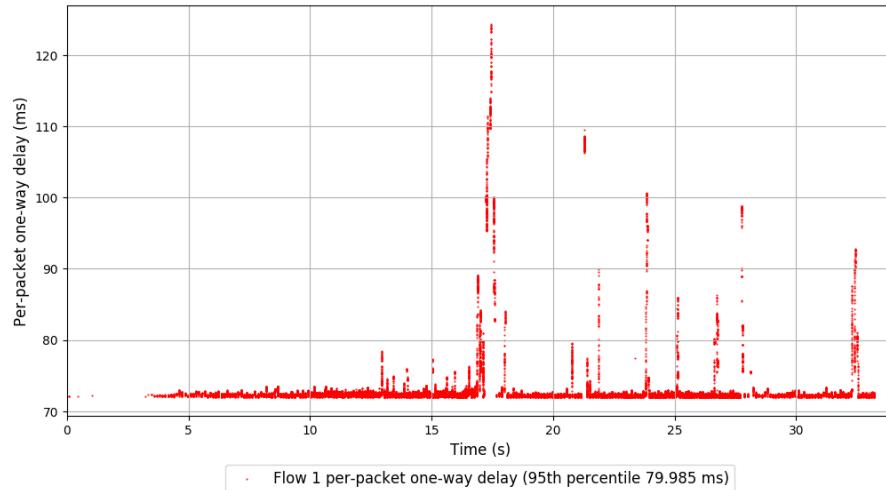
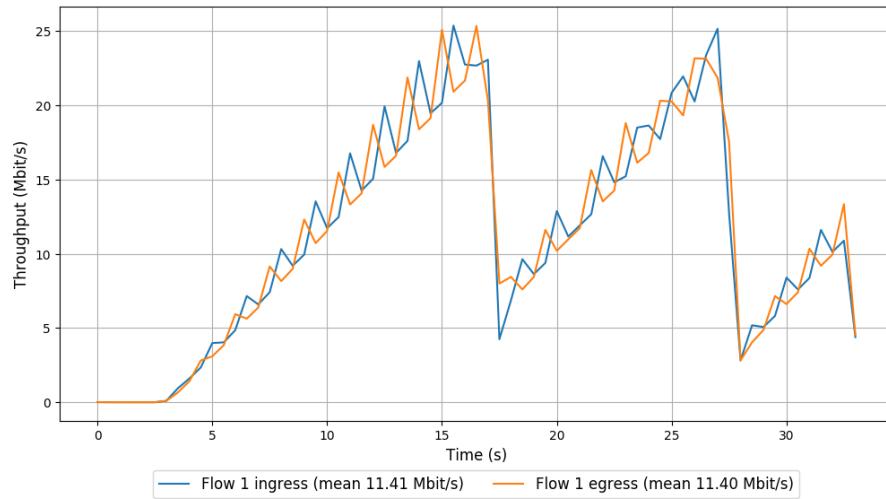


Run 9: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 21:19:52 +0000
End at: Thu, 29 Jun 2017 21:20:22 +0000
Local clock offset: 0.615 ms
Remote clock offset: -14.88 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:11:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.40 Mbit/s
95th percentile per-packet one-way delay: 79.985 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 11.40 Mbit/s
95th percentile per-packet one-way delay: 79.985 ms
Loss rate: 0.13%
```

Run 9: Report of LEDBAT — Data Link

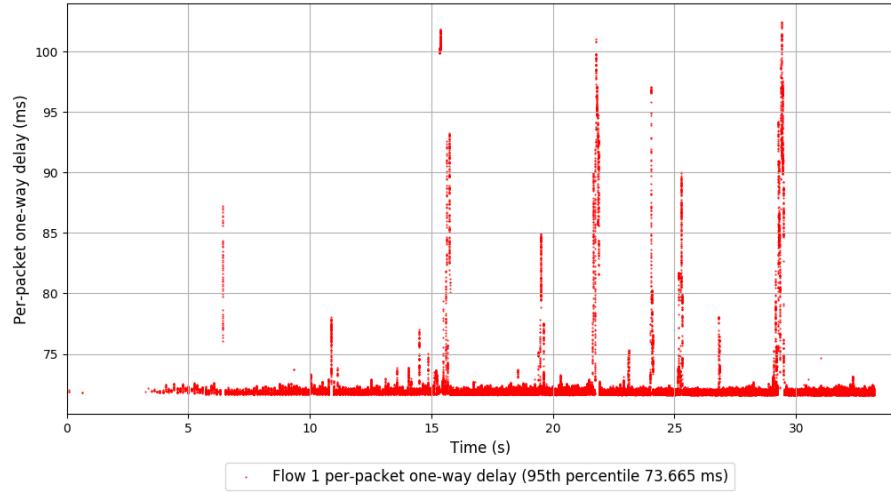
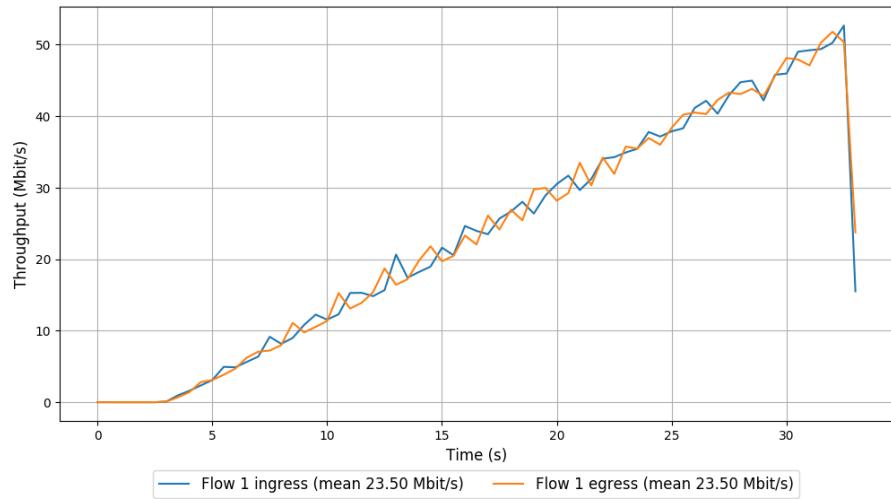


Run 10: Statistics of LEDBAT

```
Start at: Thu, 29 Jun 2017 21:37:05 +0000
End at: Thu, 29 Jun 2017 21:37:35 +0000
Local clock offset: 0.599 ms
Remote clock offset: -12.248 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:11:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.50 Mbit/s
95th percentile per-packet one-way delay: 73.665 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 23.50 Mbit/s
95th percentile per-packet one-way delay: 73.665 ms
Loss rate: 0.00%
```

Run 10: Report of LEDBAT — Data Link

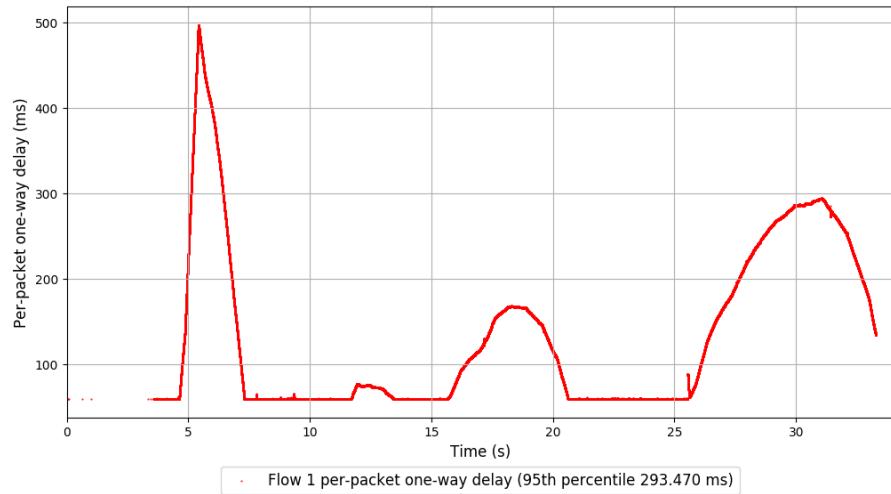
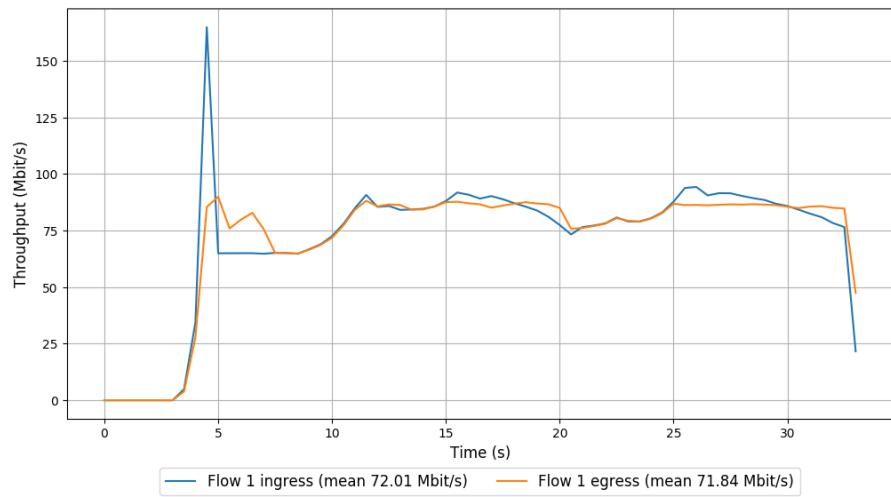


Run 1: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 19:07:24 +0000
End at: Thu, 29 Jun 2017 19:07:54 +0000
Local clock offset: -0.248 ms
Remote clock offset: -2.659 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:12:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.84 Mbit/s
95th percentile per-packet one-way delay: 293.470 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 71.84 Mbit/s
95th percentile per-packet one-way delay: 293.470 ms
Loss rate: 0.02%
```

Run 1: Report of PCC — Data Link

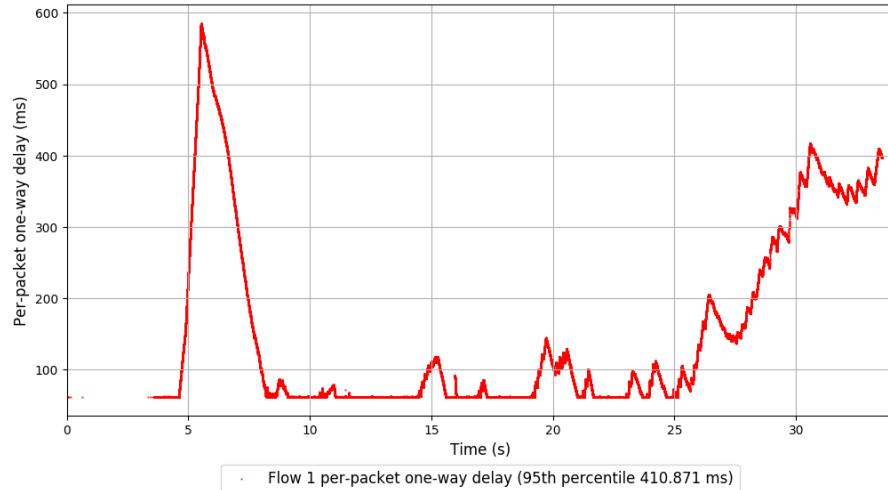
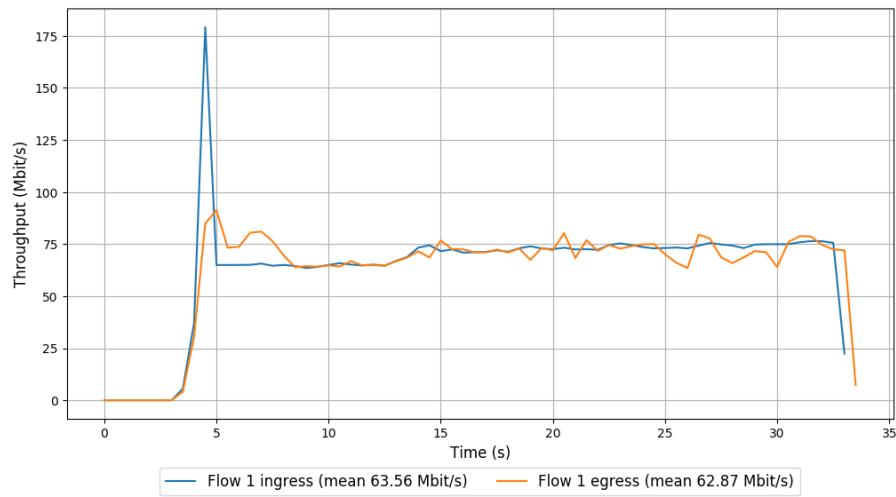


Run 2: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 19:25:04 +0000
End at: Thu, 29 Jun 2017 19:25:34 +0000
Local clock offset: 0.005 ms
Remote clock offset: -3.891 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:12:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.87 Mbit/s
95th percentile per-packet one-way delay: 410.871 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 62.87 Mbit/s
95th percentile per-packet one-way delay: 410.871 ms
Loss rate: 0.10%
```

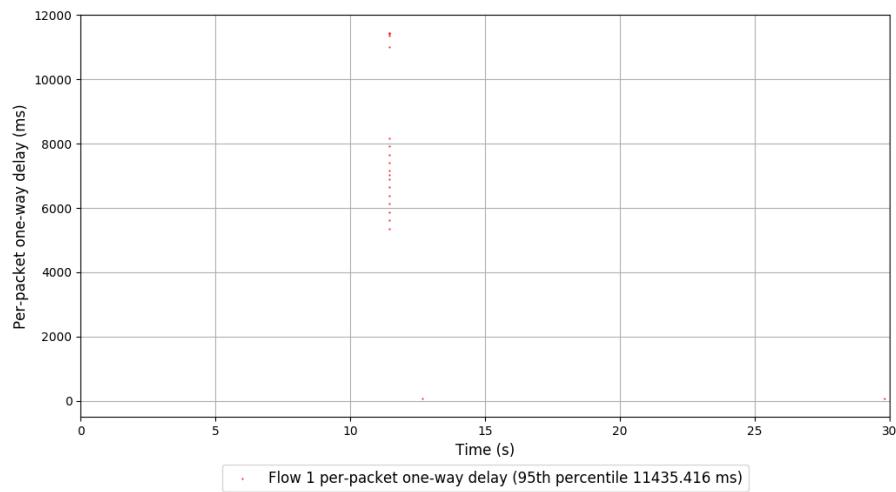
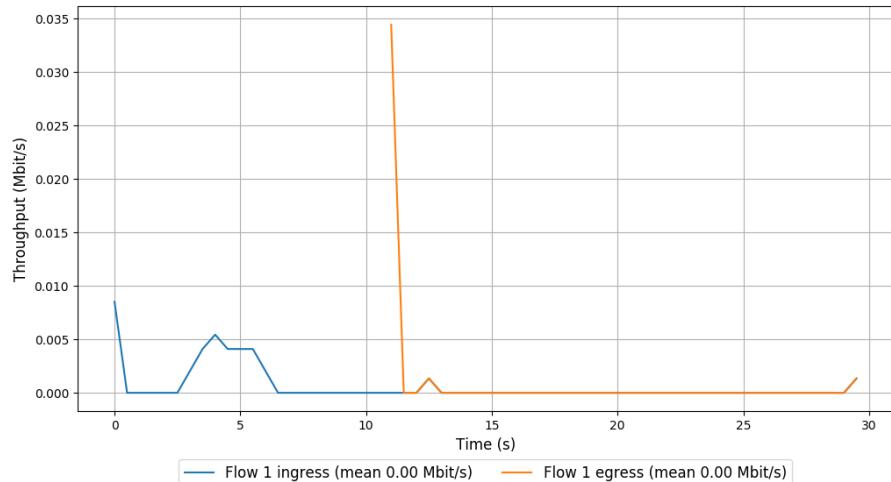
Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: Thu, 29 Jun 2017 19:42:32 +0000
End at: Thu, 29 Jun 2017 19:43:02 +0000
Local clock offset: 0.165 ms
Remote clock offset: -6.088 ms

Run 3: Report of PCC — Data Link

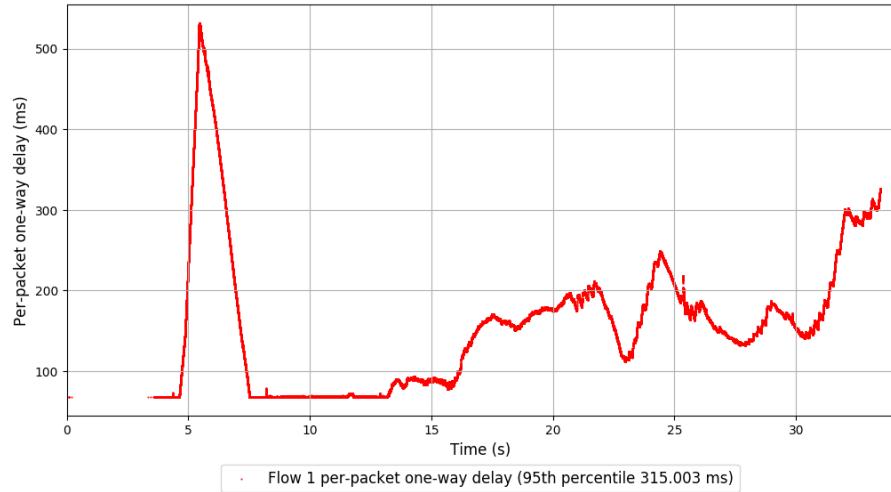
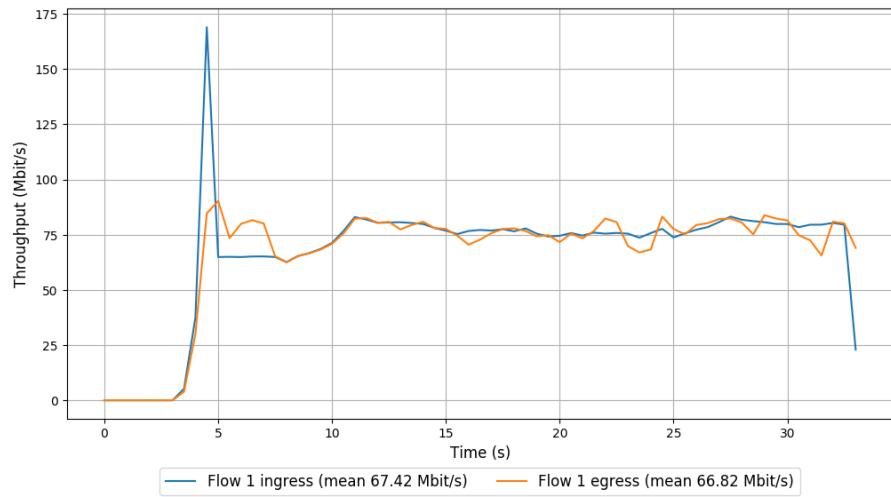


Run 4: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 19:59:54 +0000
End at: Thu, 29 Jun 2017 20:00:24 +0000
Local clock offset: 0.384 ms
Remote clock offset: -8.624 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:12:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.82 Mbit/s
95th percentile per-packet one-way delay: 315.003 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 66.82 Mbit/s
95th percentile per-packet one-way delay: 315.003 ms
Loss rate: 0.12%
```

Run 4: Report of PCC — Data Link

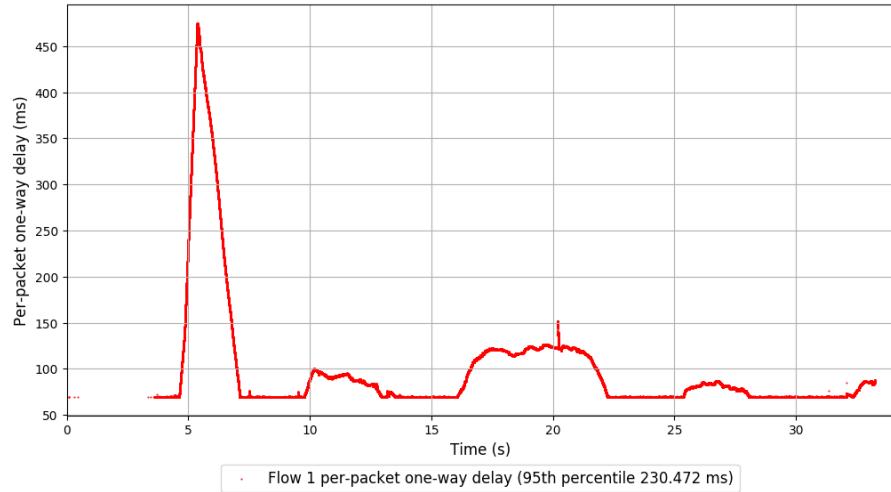
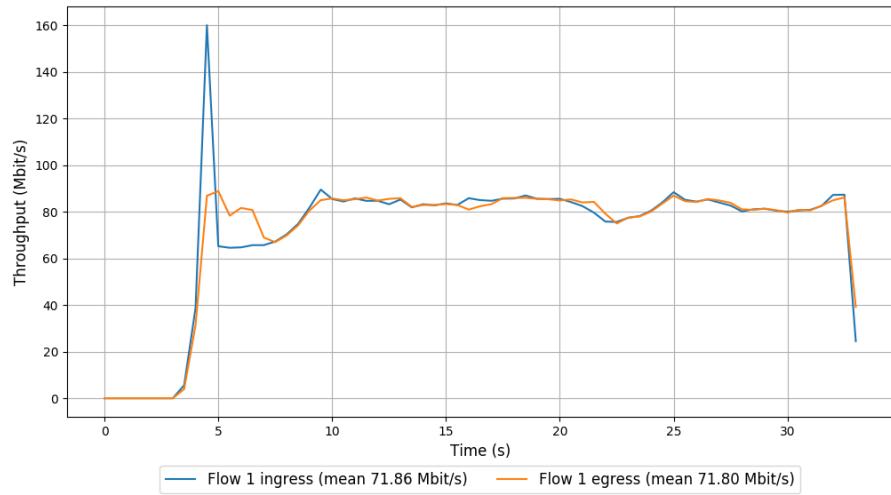


Run 5: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 20:17:30 +0000
End at: Thu, 29 Jun 2017 20:18:00 +0000
Local clock offset: 0.494 ms
Remote clock offset: -11.364 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:12:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.80 Mbit/s
95th percentile per-packet one-way delay: 230.472 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 71.80 Mbit/s
95th percentile per-packet one-way delay: 230.472 ms
Loss rate: 0.03%
```

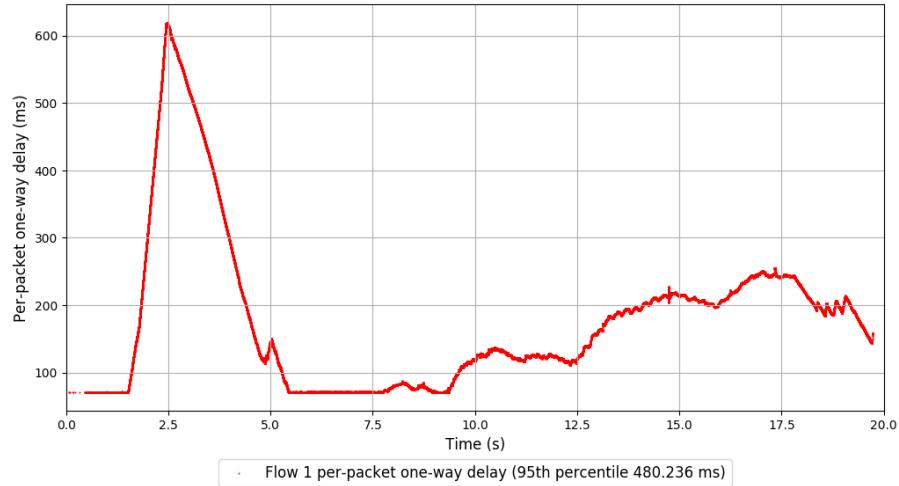
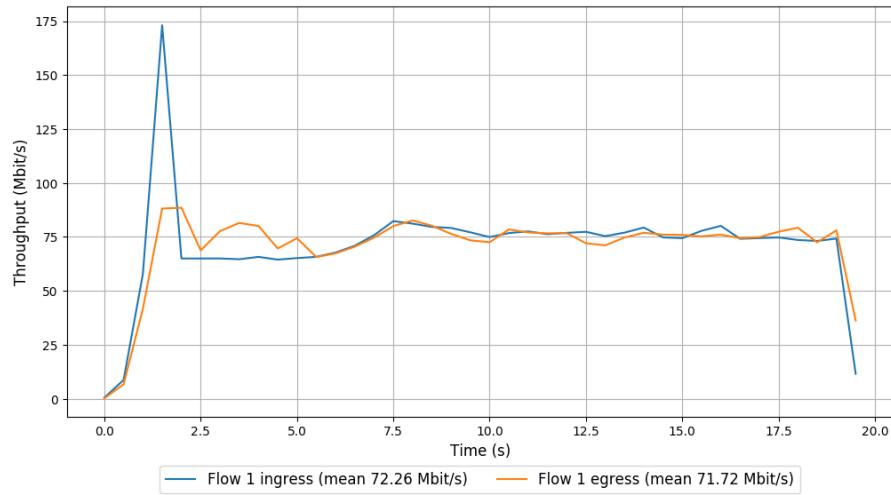
Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: Thu, 29 Jun 2017 20:34:45 +0000
End at: Thu, 29 Jun 2017 20:35:15 +0000
Local clock offset: 0.66 ms
Remote clock offset: -12.768 ms

Run 6: Report of PCC — Data Link

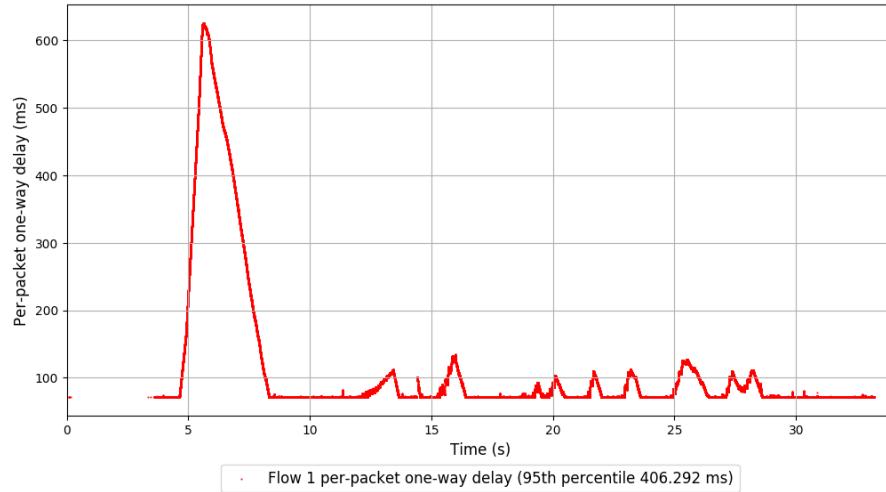
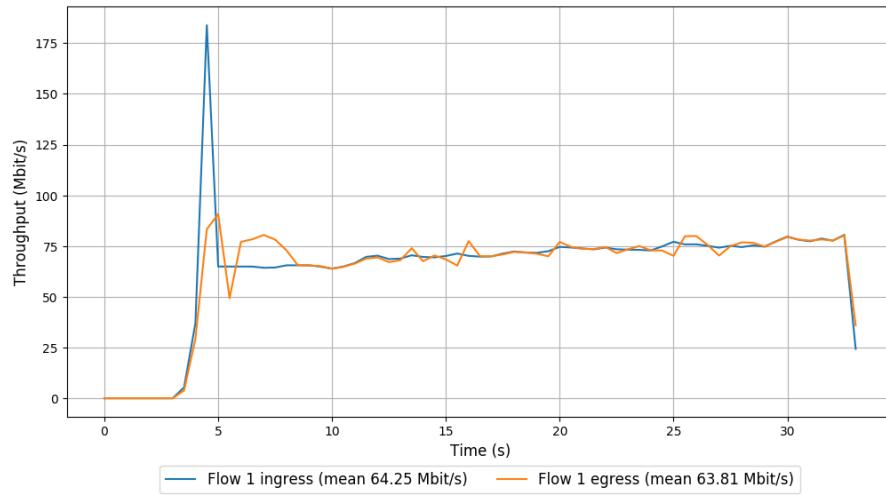


Run 7: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 20:52:05 +0000
End at: Thu, 29 Jun 2017 20:52:35 +0000
Local clock offset: 0.739 ms
Remote clock offset: -14.195 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:12:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.81 Mbit/s
95th percentile per-packet one-way delay: 406.292 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 63.81 Mbit/s
95th percentile per-packet one-way delay: 406.292 ms
Loss rate: 0.67%
```

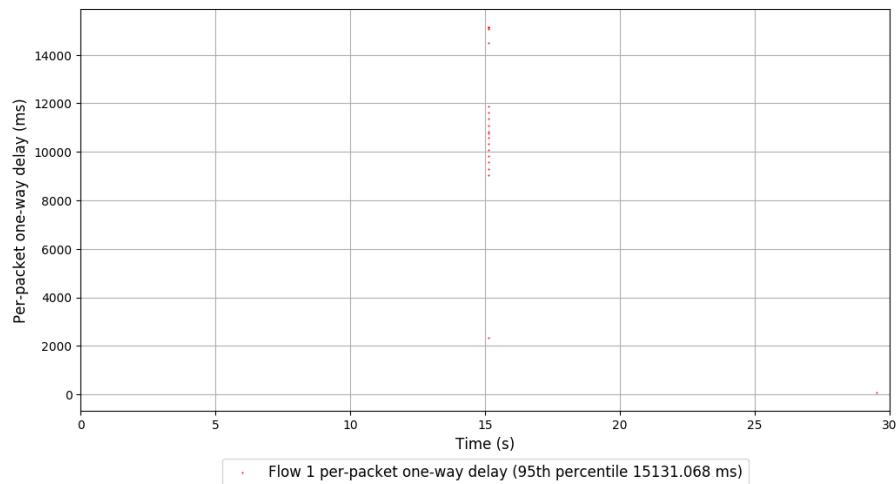
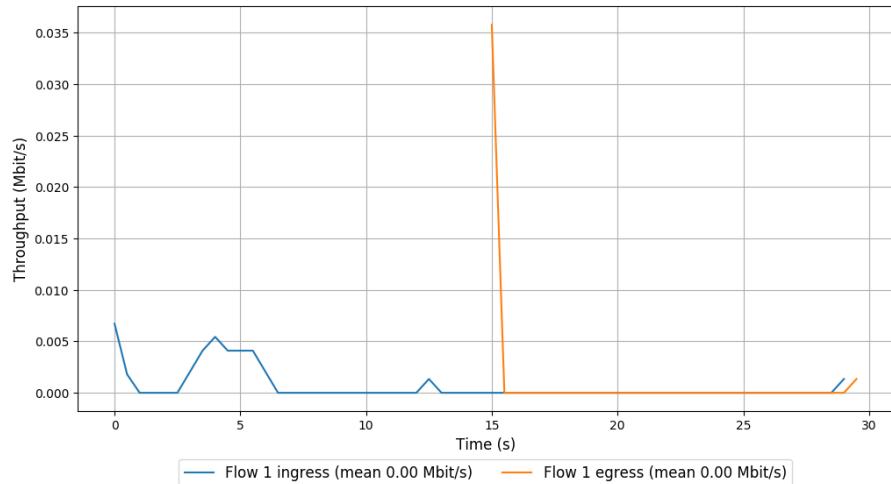
Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: Thu, 29 Jun 2017 21:09:30 +0000
End at: Thu, 29 Jun 2017 21:10:00 +0000
Local clock offset: 0.723 ms
Remote clock offset: -14.344 ms

Run 8: Report of PCC — Data Link

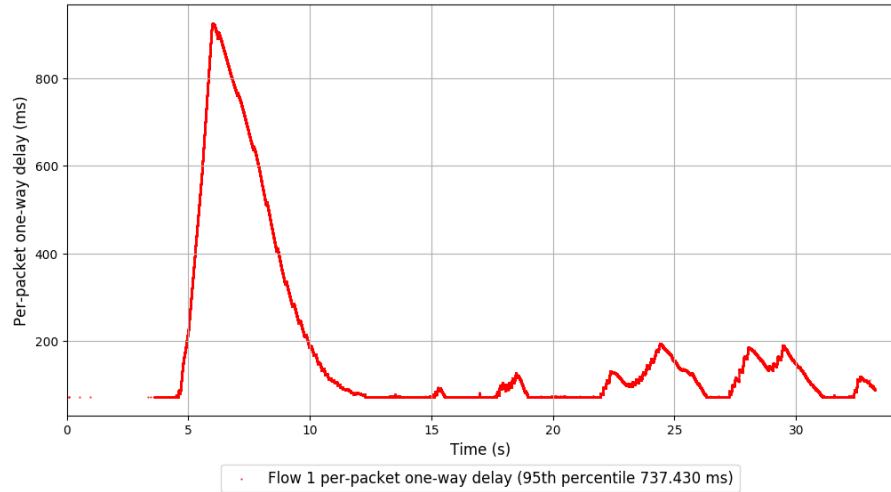
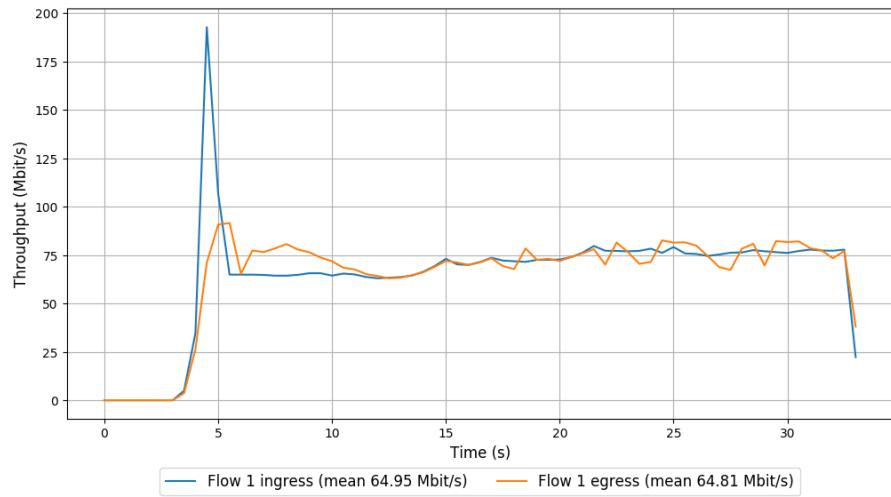


Run 9: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 21:26:45 +0000
End at: Thu, 29 Jun 2017 21:27:15 +0000
Local clock offset: 0.7 ms
Remote clock offset: -13.57 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:12:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.81 Mbit/s
95th percentile per-packet one-way delay: 737.430 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 64.81 Mbit/s
95th percentile per-packet one-way delay: 737.430 ms
Loss rate: 0.20%
```

Run 9: Report of PCC — Data Link

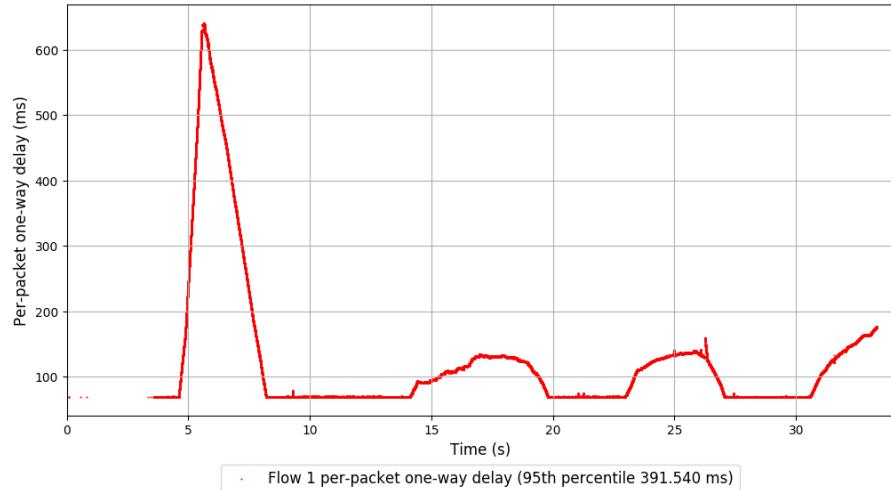
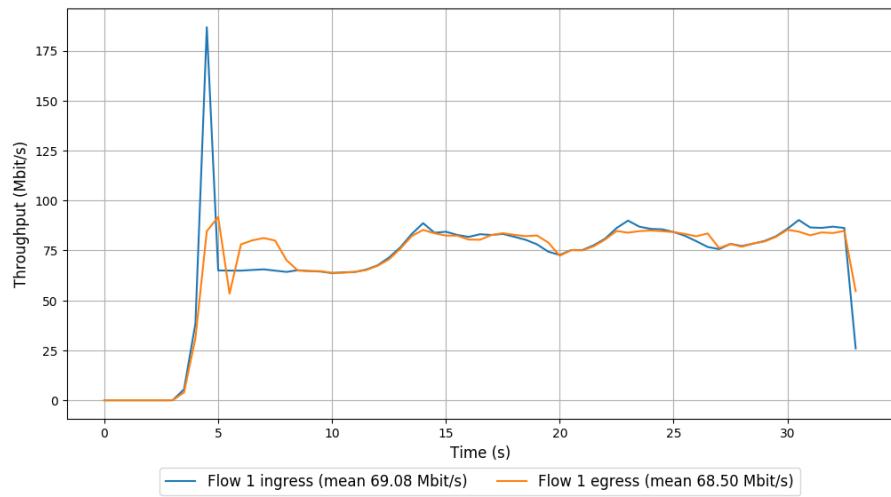


Run 10: Statistics of PCC

```
Start at: Thu, 29 Jun 2017 21:43:54 +0000
End at: Thu, 29 Jun 2017 21:44:24 +0000
Local clock offset: 0.613 ms
Remote clock offset: -12.273 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:12:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.50 Mbit/s
95th percentile per-packet one-way delay: 391.540 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 68.50 Mbit/s
95th percentile per-packet one-way delay: 391.540 ms
Loss rate: 0.52%
```

Run 10: Report of PCC — Data Link



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

```
Start at: Thu, 29 Jun 2017 18:57:00 +0000
```

```
End at: Thu, 29 Jun 2017 18:57:30 +0000
```

```
Local clock offset: -0.221 ms
```

```
Remote clock offset: -1.473 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 01:12:34 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 13.80 Mbit/s
```

```
95th percentile per-packet one-way delay: 66.612 ms
```

```
Loss rate: 0.00%
```

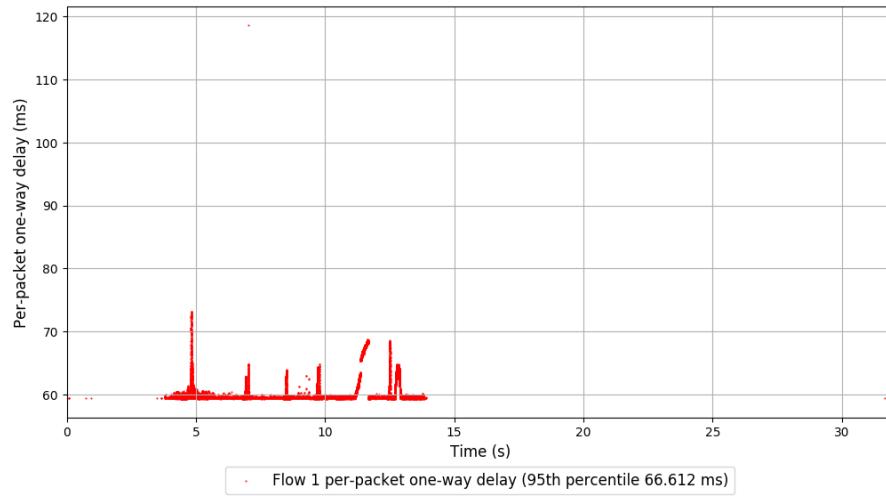
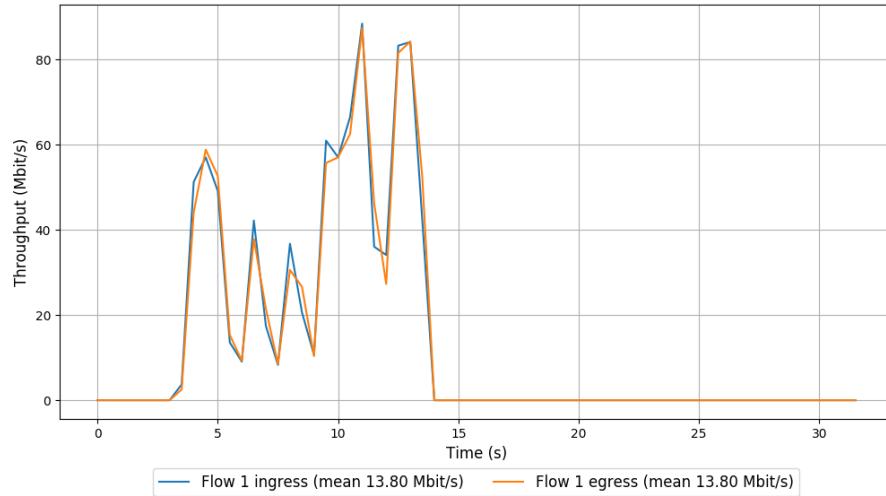
```
-- Flow 1:
```

```
Average throughput: 13.80 Mbit/s
```

```
95th percentile per-packet one-way delay: 66.612 ms
```

```
Loss rate: 0.00%
```

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



Run 2: Statistics of QUIC Cubic (toy)

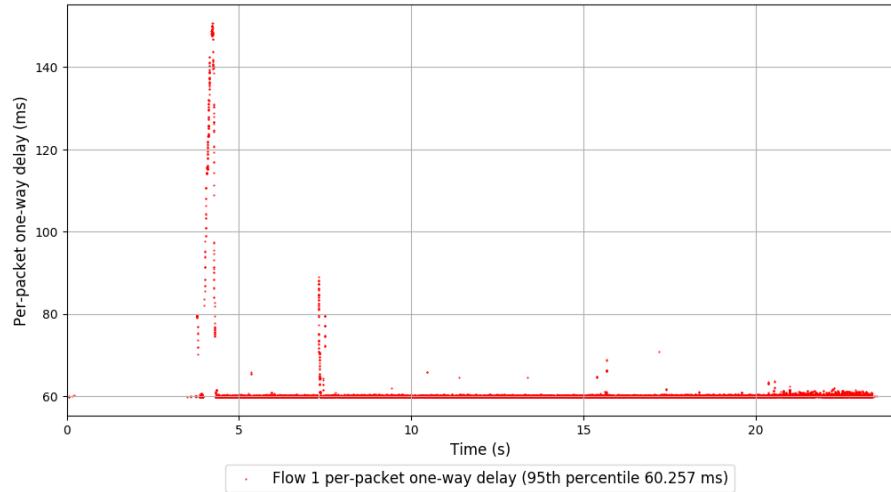
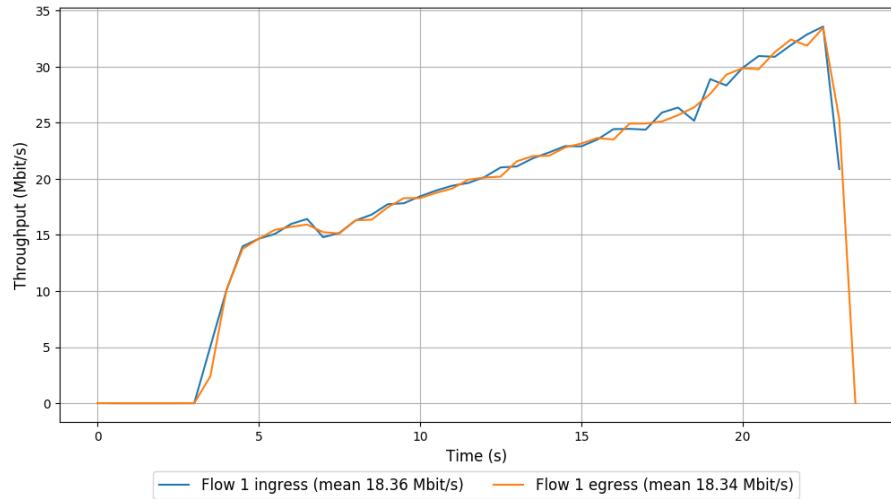
Start at: Thu, 29 Jun 2017 19:14:42 +0000

End at: Thu, 29 Jun 2017 19:15:12 +0000

Local clock offset: -0.126 ms

Remote clock offset: -3.125 ms

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

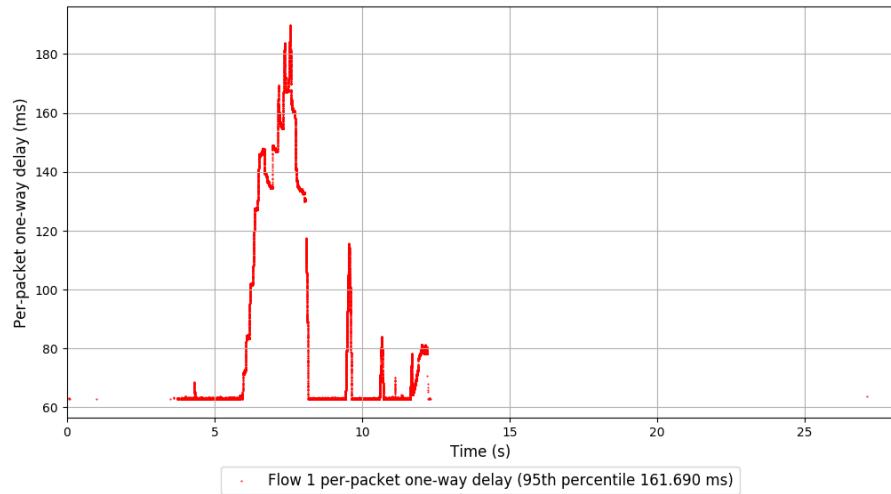
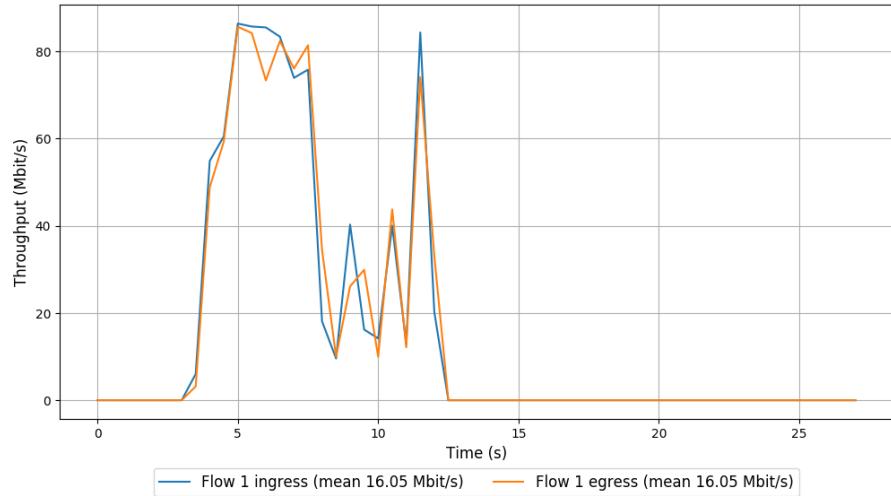


Run 3: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 19:32:19 +0000
End at: Thu, 29 Jun 2017 19:32:49 +0000
Local clock offset: 0.031 ms
Remote clock offset: -4.835 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:12:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.05 Mbit/s
95th percentile per-packet one-way delay: 161.690 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.05 Mbit/s
95th percentile per-packet one-way delay: 161.690 ms
Loss rate: 0.00%
```

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

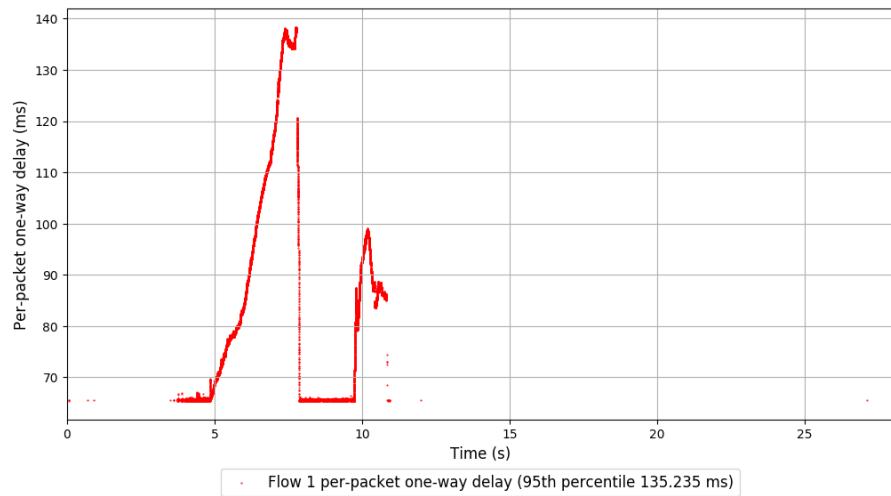
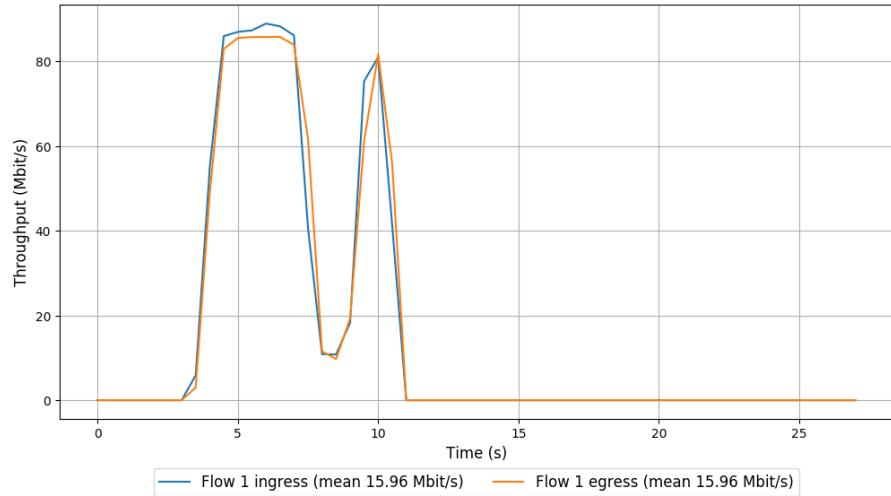


Run 4: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 19:49:38 +0000
End at: Thu, 29 Jun 2017 19:50:08 +0000
Local clock offset: 0.288 ms
Remote clock offset: -7.356 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:12:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.96 Mbit/s
95th percentile per-packet one-way delay: 135.235 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 15.96 Mbit/s
95th percentile per-packet one-way delay: 135.235 ms
Loss rate: 0.01%
```

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

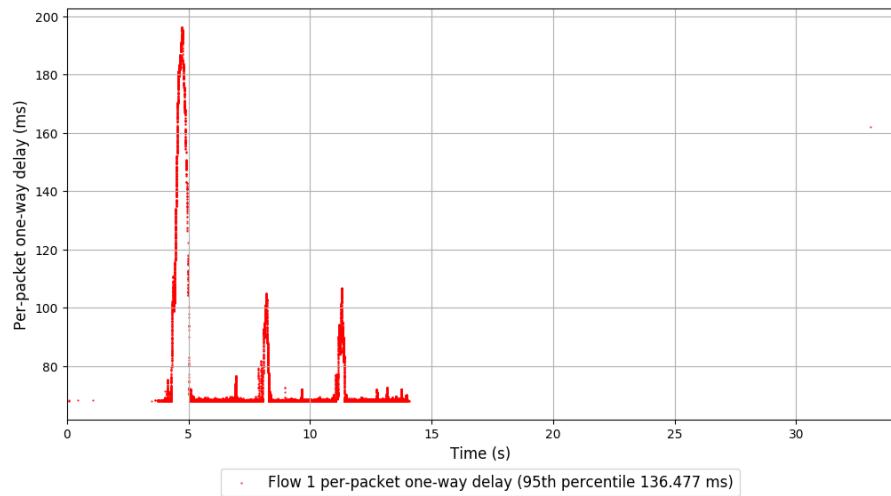
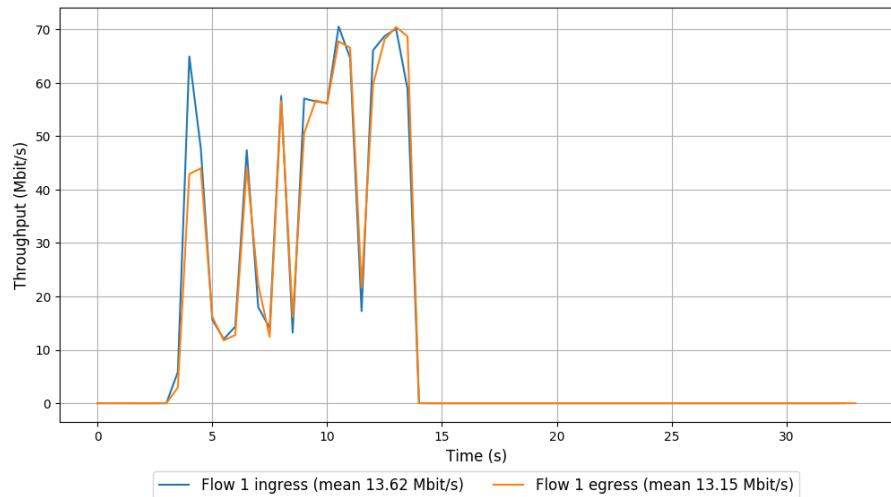


Run 5: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 20:06:59 +0000
End at: Thu, 29 Jun 2017 20:07:29 +0000
Local clock offset: 0.484 ms
Remote clock offset: -9.737 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:12:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.15 Mbit/s
95th percentile per-packet one-way delay: 136.477 ms
Loss rate: 3.18%
-- Flow 1:
Average throughput: 13.15 Mbit/s
95th percentile per-packet one-way delay: 136.477 ms
Loss rate: 3.18%
```

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

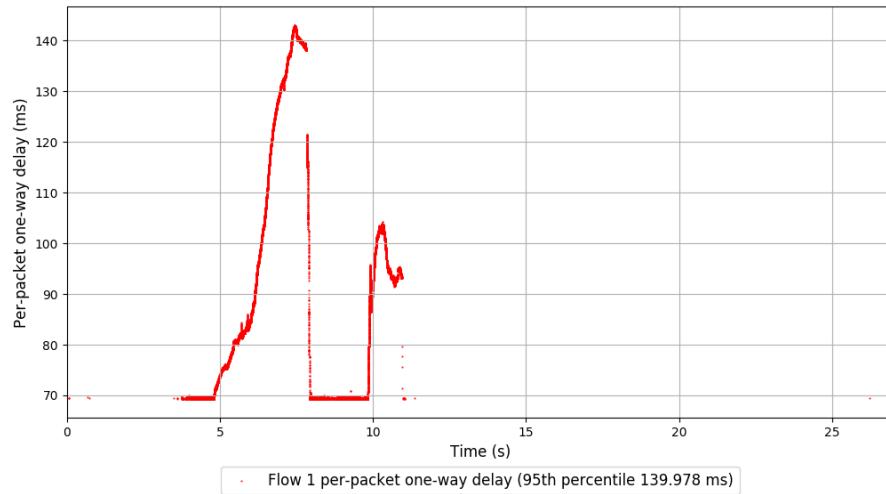
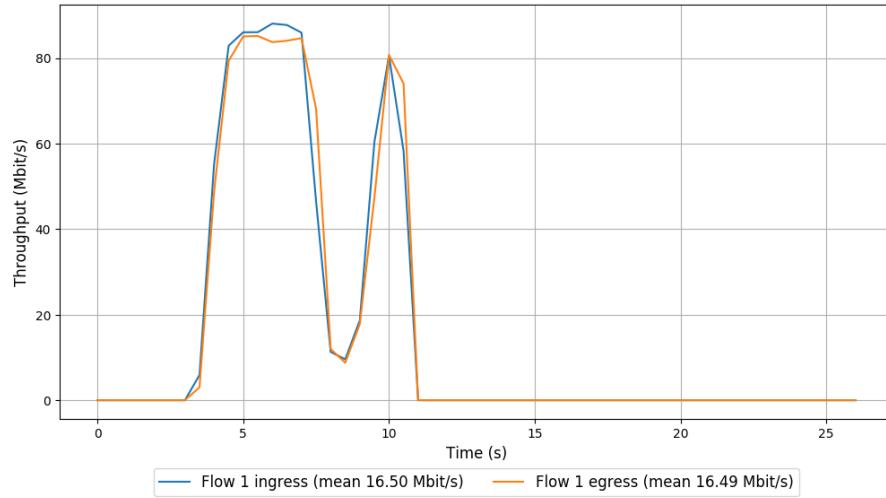


Run 6: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 20:24:37 +0000
End at: Thu, 29 Jun 2017 20:25:07 +0000
Local clock offset: 0.646 ms
Remote clock offset: -12.132 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:12:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.49 Mbit/s
95th percentile per-packet one-way delay: 139.978 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 16.49 Mbit/s
95th percentile per-packet one-way delay: 139.978 ms
Loss rate: 0.03%
```

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

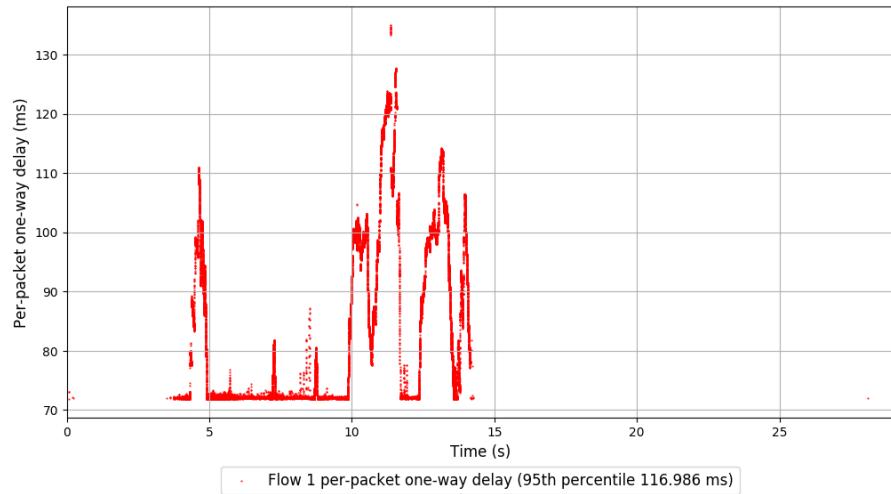
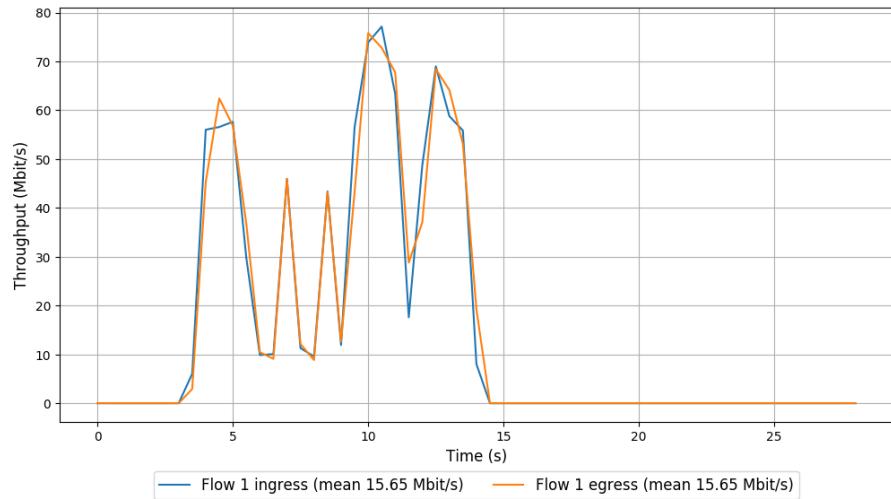


Run 7: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 20:41:58 +0000
End at: Thu, 29 Jun 2017 20:42:28 +0000
Local clock offset: 0.704 ms
Remote clock offset: -13.032 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:12:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.65 Mbit/s
95th percentile per-packet one-way delay: 116.986 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.65 Mbit/s
95th percentile per-packet one-way delay: 116.986 ms
Loss rate: 0.00%
```

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

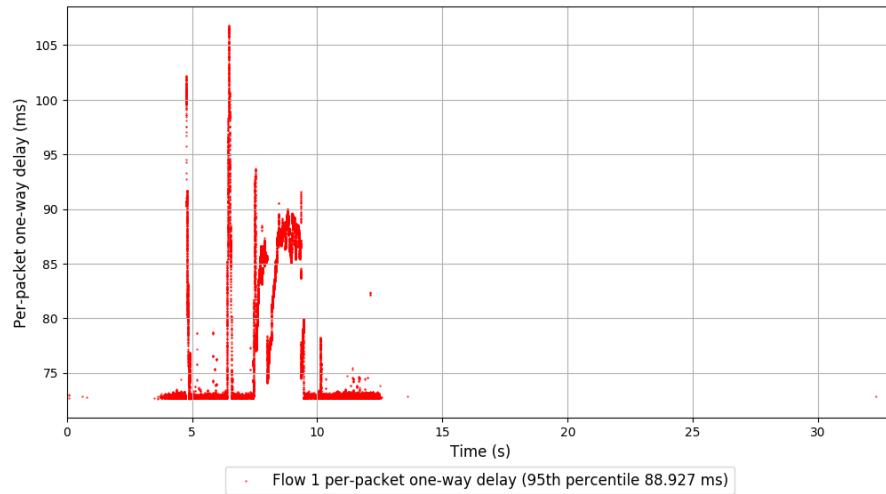
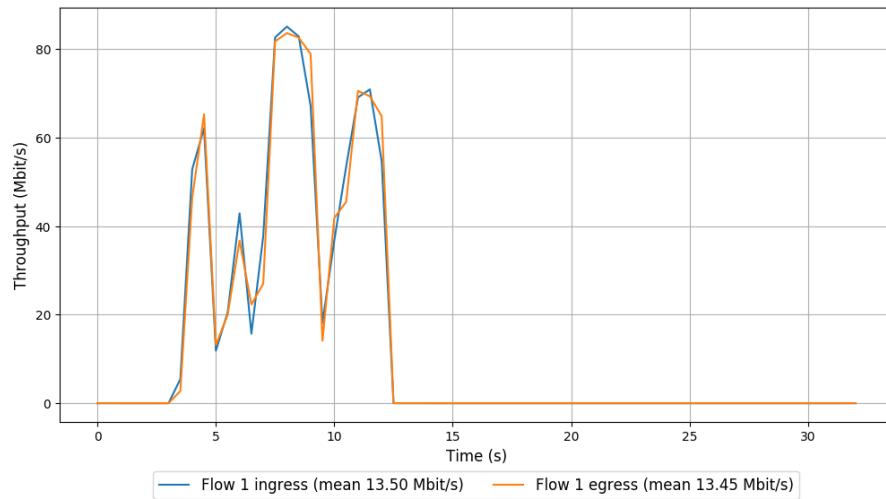


Run 8: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 20:59:15 +0000
End at: Thu, 29 Jun 2017 20:59:45 +0000
Local clock offset: 0.643 ms
Remote clock offset: -14.43 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:12:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.45 Mbit/s
95th percentile per-packet one-way delay: 88.927 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 13.45 Mbit/s
95th percentile per-packet one-way delay: 88.927 ms
Loss rate: 0.38%
```

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

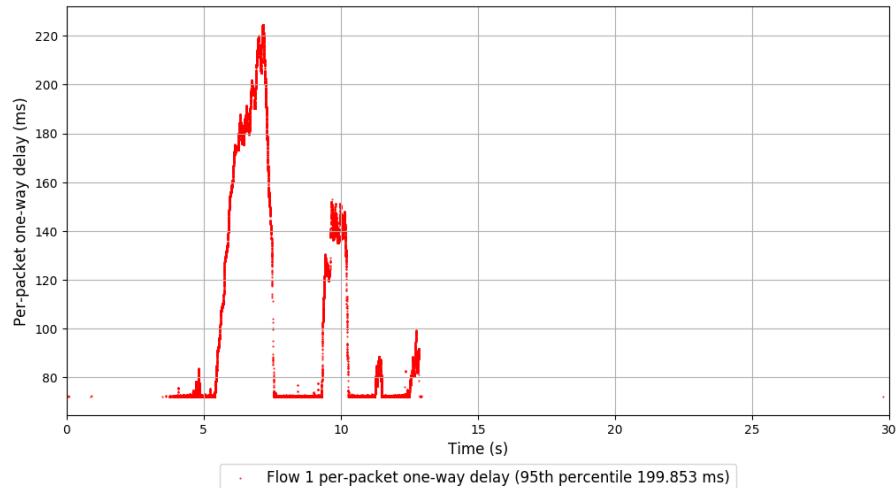
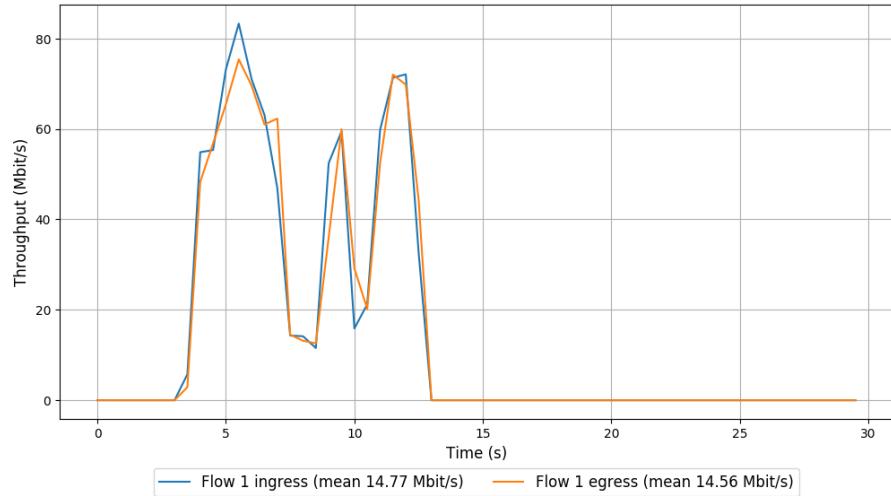


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 21:16:32 +0000
End at: Thu, 29 Jun 2017 21:17:02 +0000
Local clock offset: 0.656 ms
Remote clock offset: -14.333 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:12:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.56 Mbit/s
95th percentile per-packet one-way delay: 199.853 ms
Loss rate: 1.43%
-- Flow 1:
Average throughput: 14.56 Mbit/s
95th percentile per-packet one-way delay: 199.853 ms
Loss rate: 1.43%
```

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

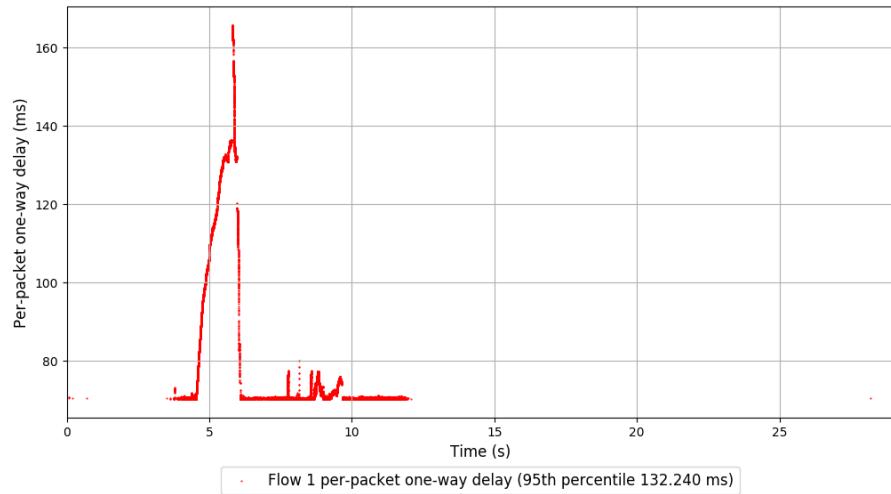
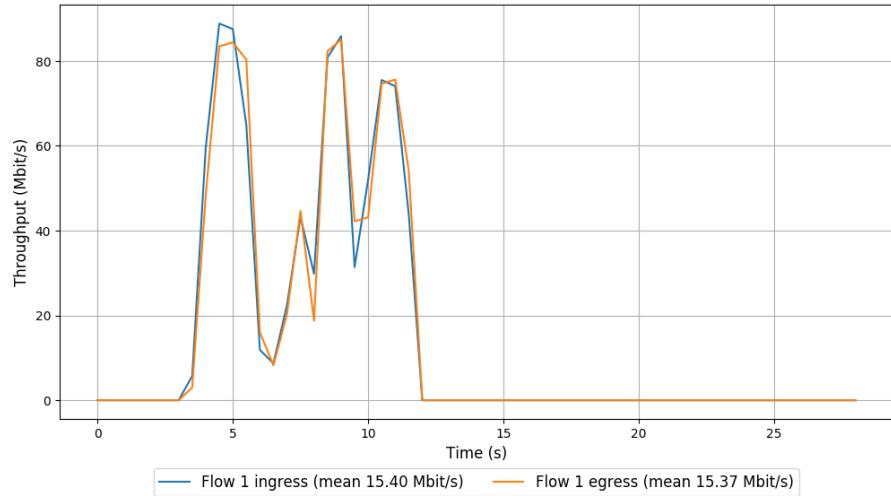


Run 10: Statistics of QUIC Cubic (toy)

```
Start at: Thu, 29 Jun 2017 21:33:44 +0000
End at: Thu, 29 Jun 2017 21:34:14 +0000
Local clock offset: 0.698 ms
Remote clock offset: -12.617 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:12:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.37 Mbit/s
95th percentile per-packet one-way delay: 132.240 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 15.37 Mbit/s
95th percentile per-packet one-way delay: 132.240 ms
Loss rate: 0.19%
```

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

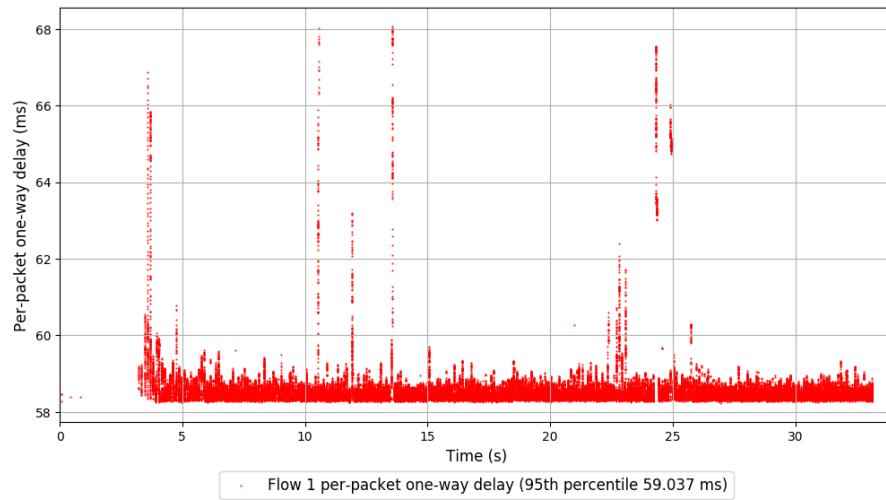
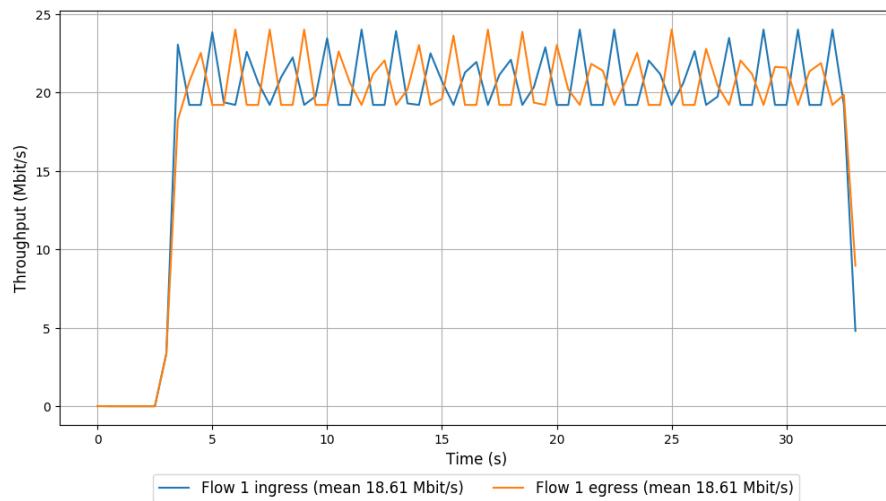


Run 1: Statistics of Saturator

```
Start at: Thu, 29 Jun 2017 18:53:25 +0000
End at: Thu, 29 Jun 2017 18:53:55 +0000
Local clock offset: -0.31 ms
Remote clock offset: -1.479 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:12:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.61 Mbit/s
95th percentile per-packet one-way delay: 59.037 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 18.61 Mbit/s
95th percentile per-packet one-way delay: 59.037 ms
Loss rate: 0.00%
```

Run 1: Report of Saturator — Data Link

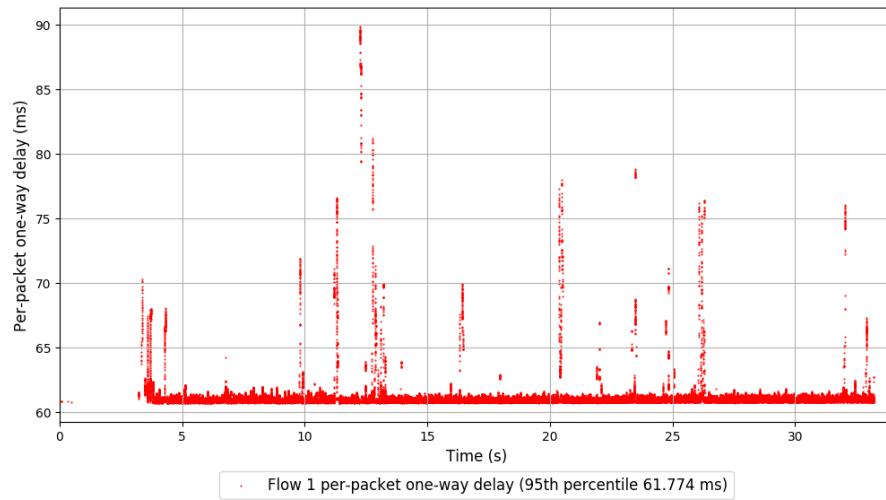
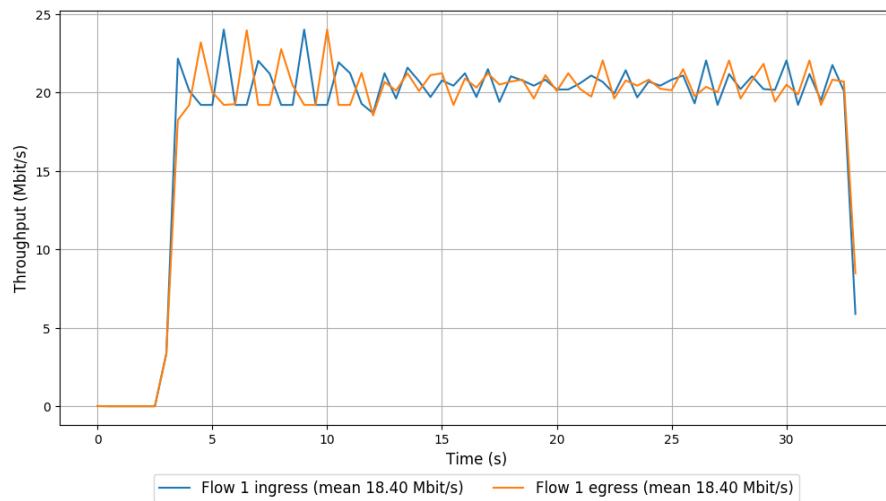


Run 2: Statistics of Saturator

```
Start at: Thu, 29 Jun 2017 19:11:07 +0000
End at: Thu, 29 Jun 2017 19:11:37 +0000
Local clock offset: -0.211 ms
Remote clock offset: -2.852 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:12:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.40 Mbit/s
95th percentile per-packet one-way delay: 61.774 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 18.40 Mbit/s
95th percentile per-packet one-way delay: 61.774 ms
Loss rate: 0.04%
```

Run 2: Report of Saturator — Data Link

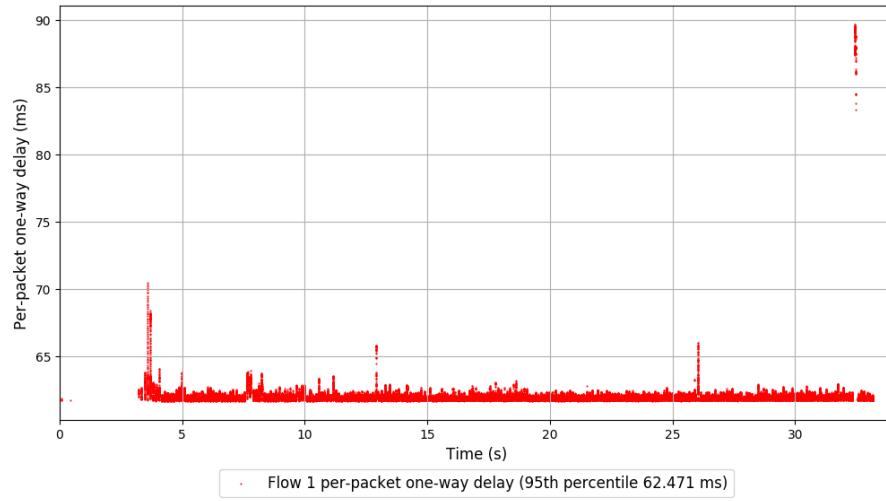
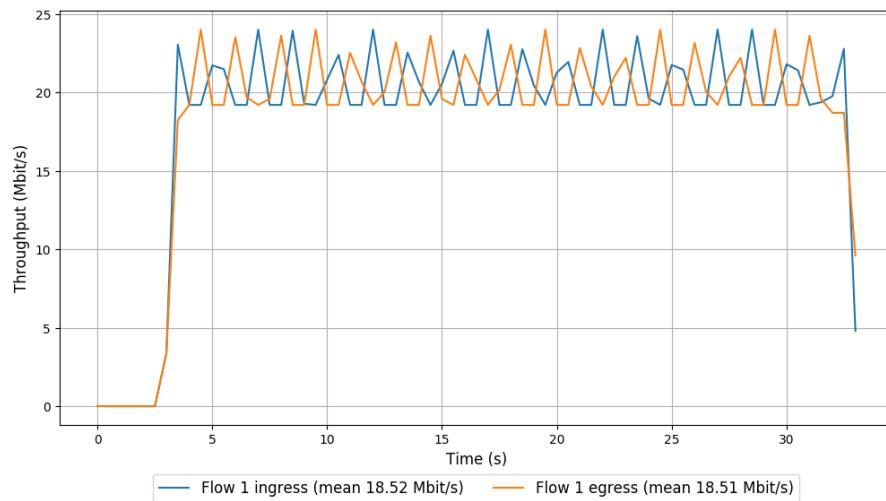


Run 3: Statistics of Saturator

```
Start at: Thu, 29 Jun 2017 19:28:47 +0000
End at: Thu, 29 Jun 2017 19:29:17 +0000
Local clock offset: 0.065 ms
Remote clock offset: -4.397 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:12:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.51 Mbit/s
95th percentile per-packet one-way delay: 62.471 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 18.51 Mbit/s
95th percentile per-packet one-way delay: 62.471 ms
Loss rate: 0.04%
```

Run 3: Report of Saturator — Data Link

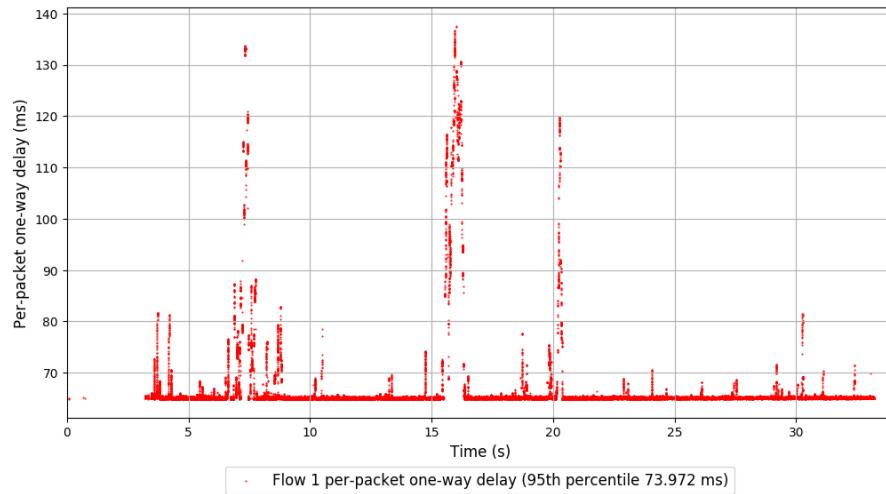
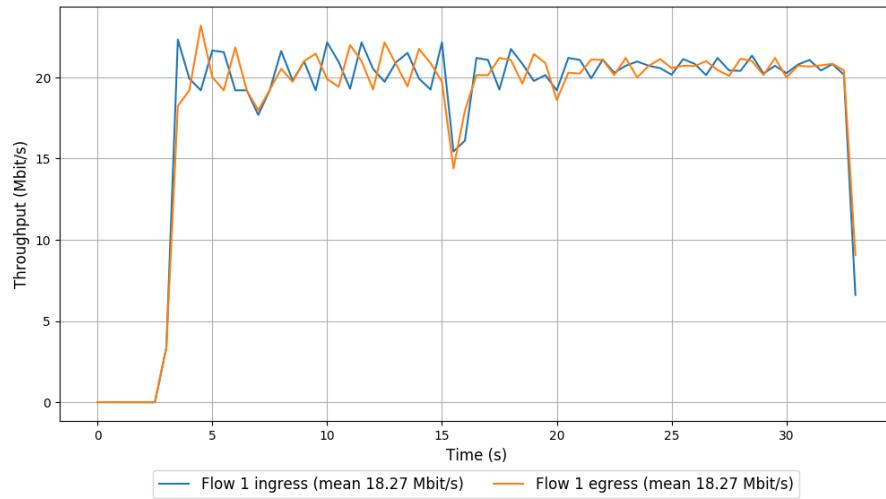


Run 4: Statistics of Saturator

```
Start at: Thu, 29 Jun 2017 19:46:03 +0000
End at: Thu, 29 Jun 2017 19:46:33 +0000
Local clock offset: 0.21 ms
Remote clock offset: -6.535 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:12:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.27 Mbit/s
95th percentile per-packet one-way delay: 73.972 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 18.27 Mbit/s
95th percentile per-packet one-way delay: 73.972 ms
Loss rate: 0.03%
```

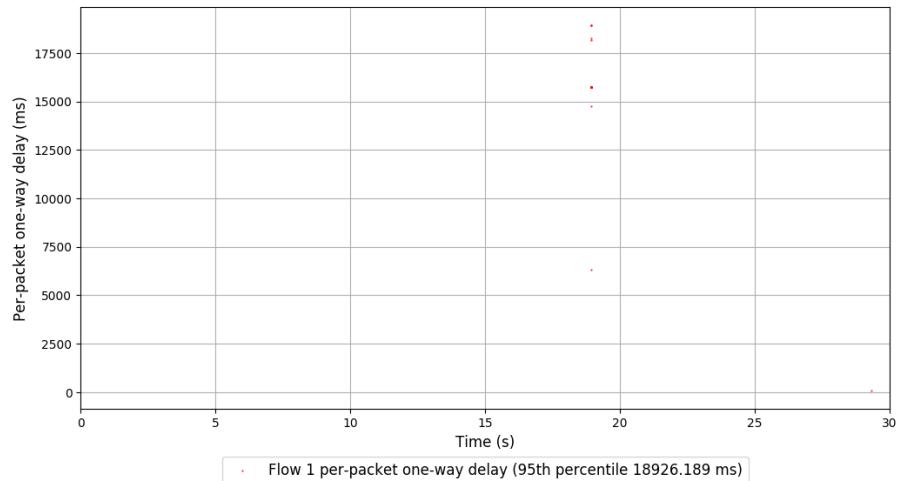
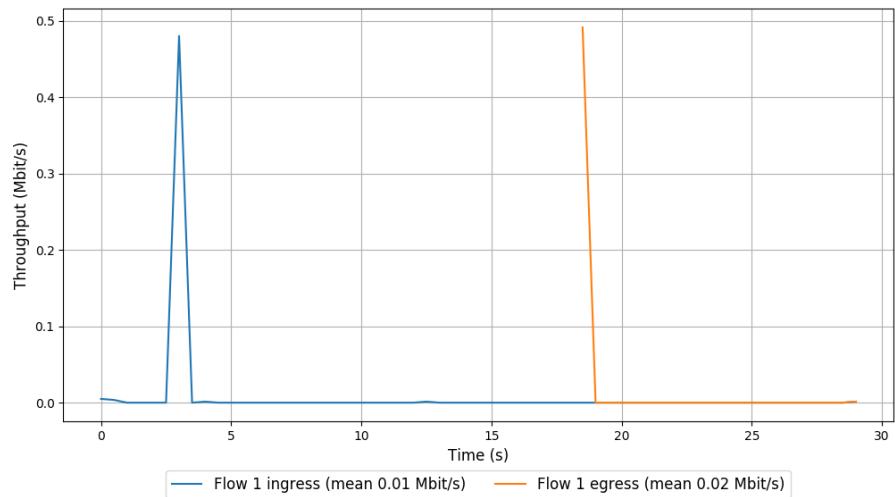
Run 4: Report of Saturator — Data Link



Run 5: Statistics of Saturator

Start at: Thu, 29 Jun 2017 20:03:27 +0000
End at: Thu, 29 Jun 2017 20:03:58 +0000
Local clock offset: 0.476 ms
Remote clock offset: -9.171 ms

Run 5: Report of Saturator — Data Link

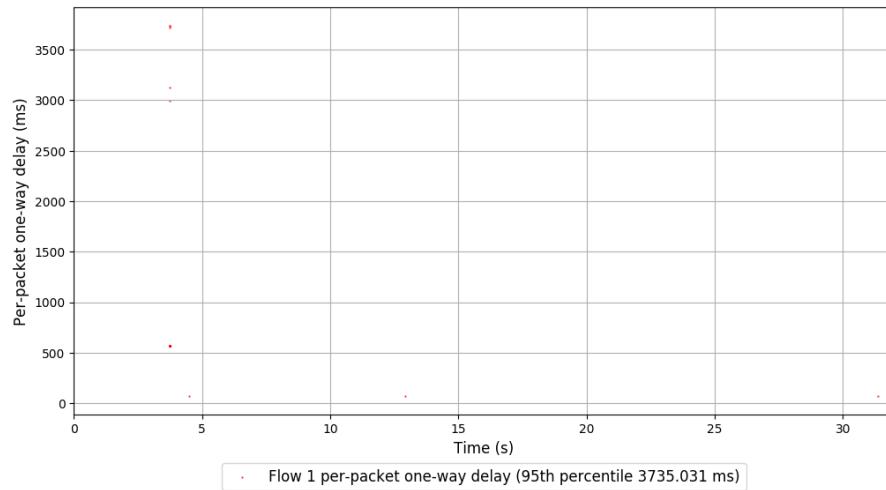
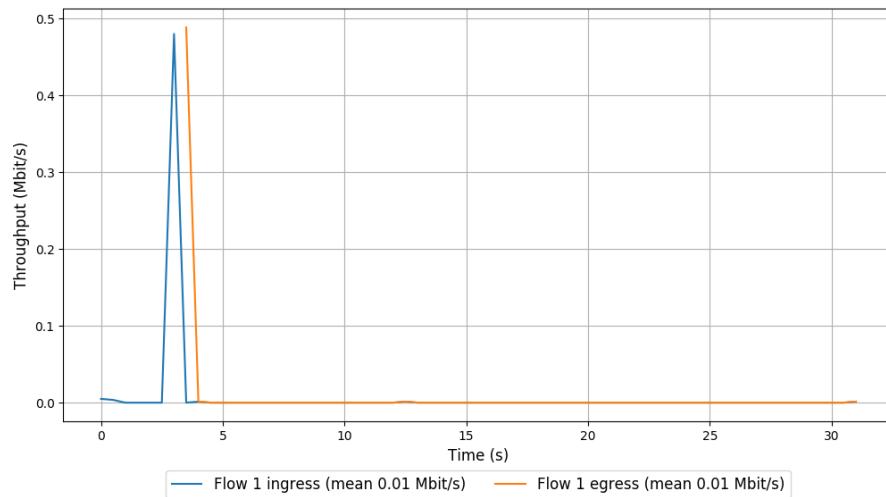


Run 6: Statistics of Saturator

```
Start at: Thu, 29 Jun 2017 20:21:04 +0000
End at: Thu, 29 Jun 2017 20:21:34 +0000
Local clock offset: 0.598 ms
Remote clock offset: -11.201 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:12:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 3735.031 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 3735.031 ms
Loss rate: 0.00%
```

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Thu, 29 Jun 2017 20:38:27 +0000

End at: Thu, 29 Jun 2017 20:38:57 +0000

Local clock offset: 0.723 ms

Remote clock offset: -13.079 ms

Below is generated by plot.py at Fri, 30 Jun 2017 01:12:57 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 18.51 Mbit/s

95th percentile per-packet one-way delay: 72.422 ms

Loss rate: 0.00%

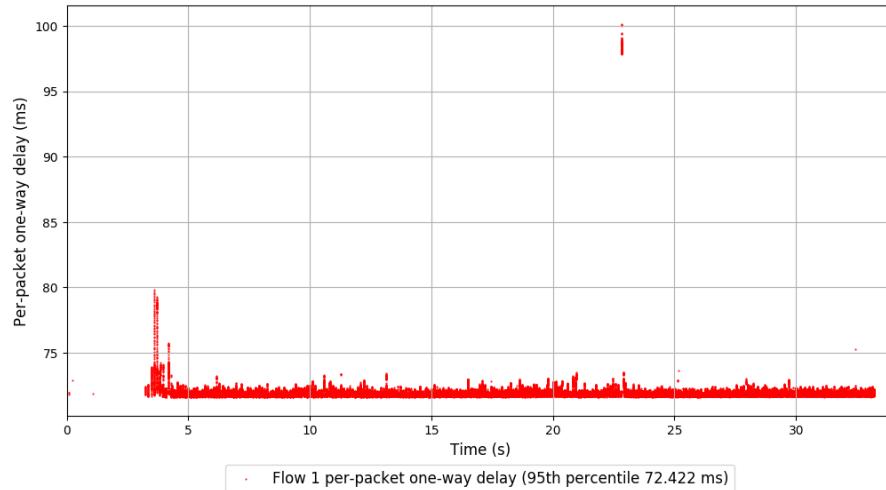
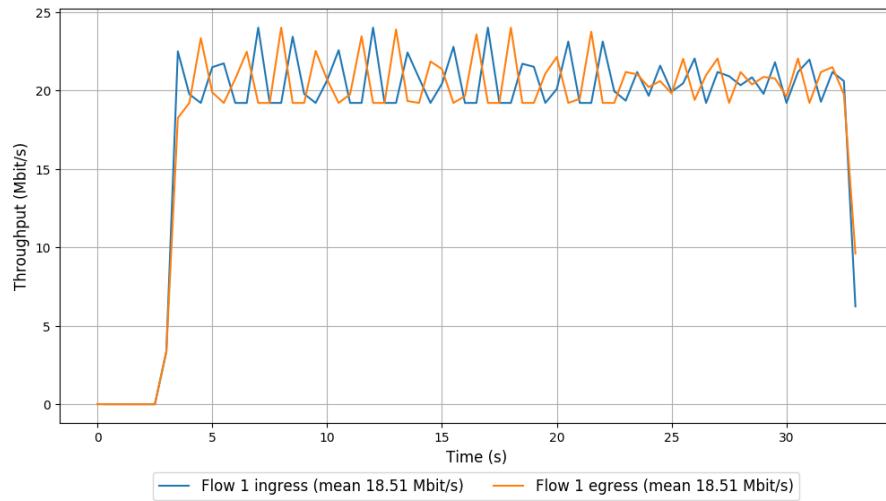
-- Flow 1:

Average throughput: 18.51 Mbit/s

95th percentile per-packet one-way delay: 72.422 ms

Loss rate: 0.00%

Run 7: Report of Saturator — Data Link

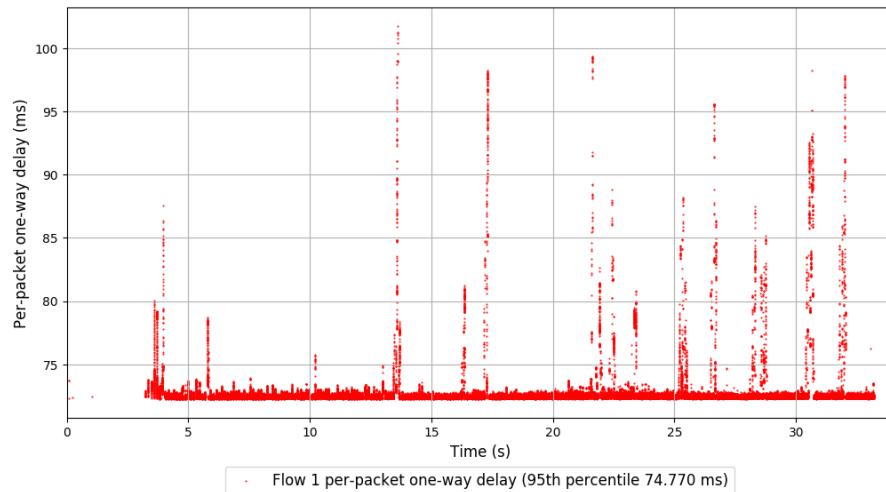
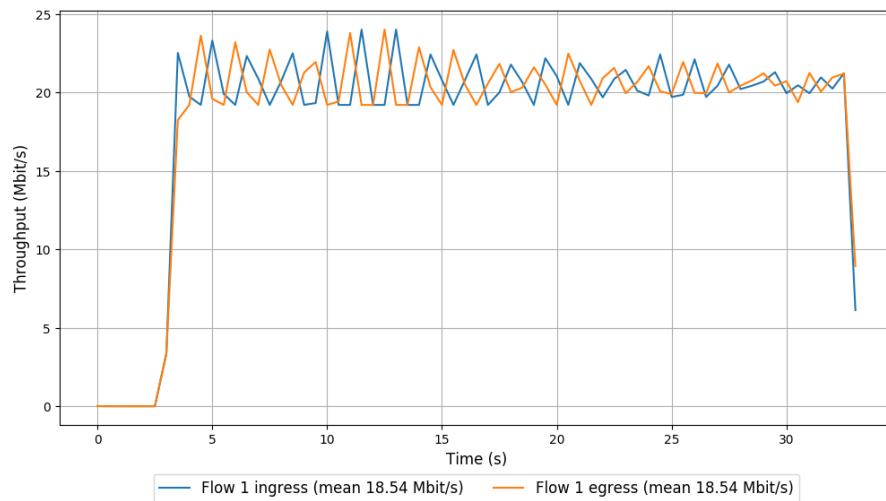


Run 8: Statistics of Saturator

```
Start at: Thu, 29 Jun 2017 20:55:42 +0000
End at: Thu, 29 Jun 2017 20:56:12 +0000
Local clock offset: 0.677 ms
Remote clock offset: -14.327 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:12:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.54 Mbit/s
95th percentile per-packet one-way delay: 74.770 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 18.54 Mbit/s
95th percentile per-packet one-way delay: 74.770 ms
Loss rate: 0.00%
```

Run 8: Report of Saturator — Data Link

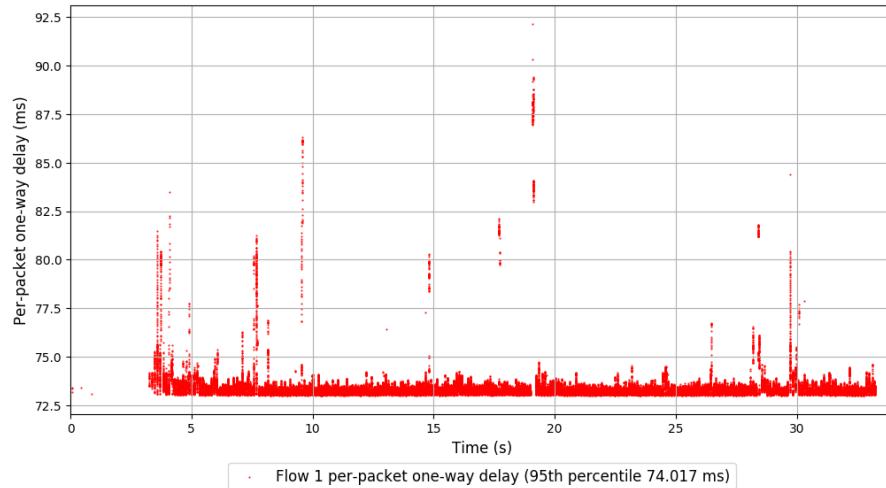
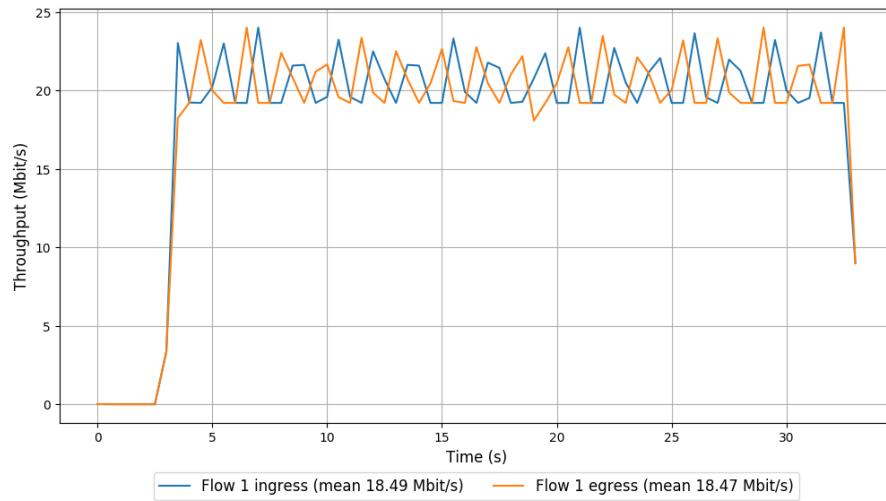


Run 9: Statistics of Saturator

```
Start at: Thu, 29 Jun 2017 21:13:01 +0000
End at: Thu, 29 Jun 2017 21:13:31 +0000
Local clock offset: 0.713 ms
Remote clock offset: -14.667 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:13:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.47 Mbit/s
95th percentile per-packet one-way delay: 74.017 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 18.47 Mbit/s
95th percentile per-packet one-way delay: 74.017 ms
Loss rate: 0.09%
```

Run 9: Report of Saturator — Data Link

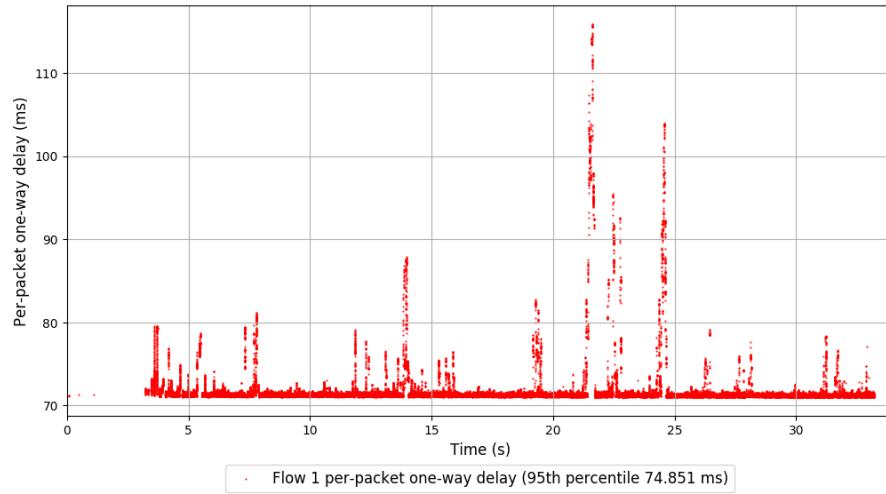
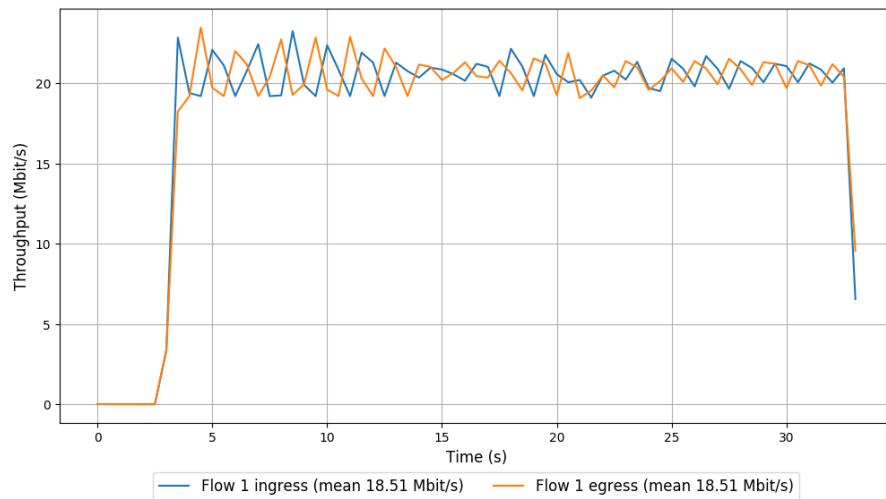


Run 10: Statistics of Saturator

```
Start at: Thu, 29 Jun 2017 21:30:14 +0000
End at: Thu, 29 Jun 2017 21:30:44 +0000
Local clock offset: 0.628 ms
Remote clock offset: -13.452 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:13:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.51 Mbit/s
95th percentile per-packet one-way delay: 74.851 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 18.51 Mbit/s
95th percentile per-packet one-way delay: 74.851 ms
Loss rate: 0.00%
```

Run 10: Report of Saturator — Data Link

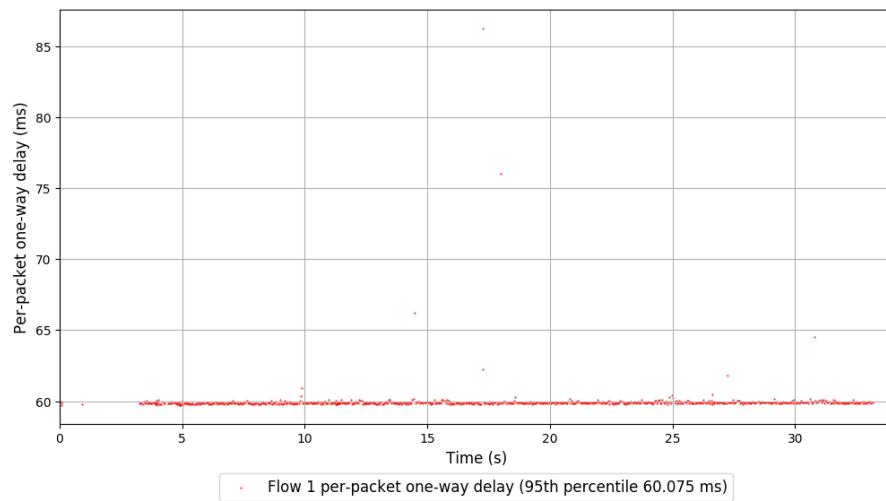
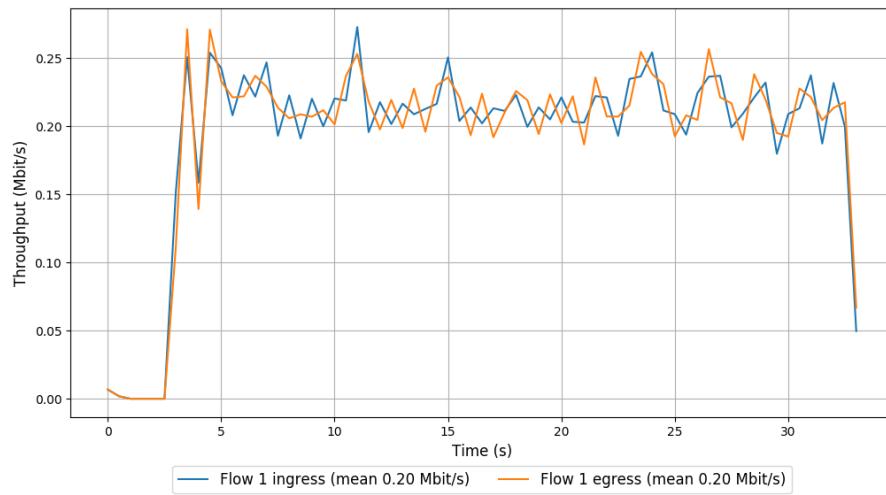


Run 1: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 19:04:02 +0000
End at: Thu, 29 Jun 2017 19:04:32 +0000
Local clock offset: -0.235 ms
Remote clock offset: -2.028 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:13:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 60.075 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 60.075 ms
Loss rate: 0.00%
```

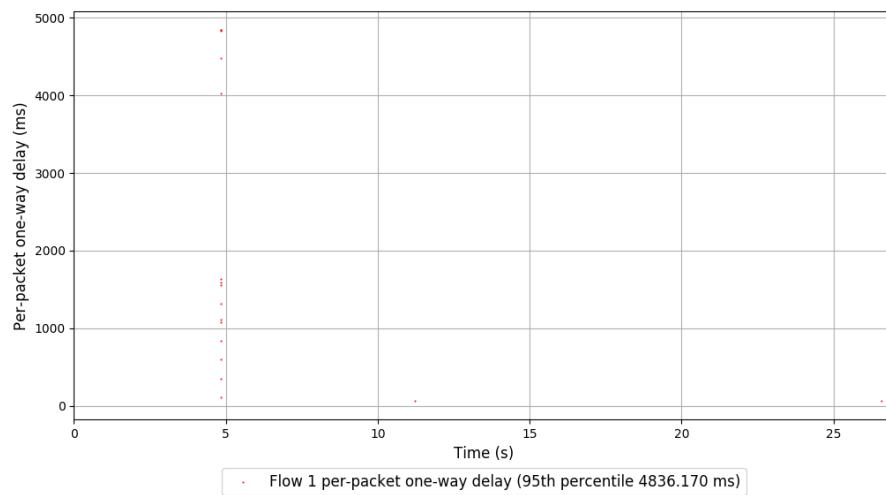
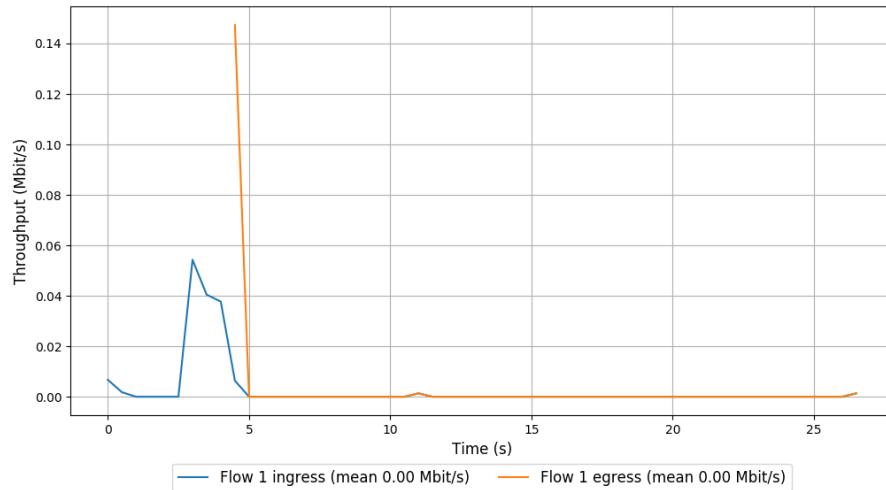
Run 1: Report of SCReAM — Data Link



Run 2: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 19:21:43 +0000
End at: Thu, 29 Jun 2017 19:22:13 +0000
Local clock offset: -0.028 ms
Remote clock offset: -3.651 ms

Run 2: Report of SCReAM — Data Link

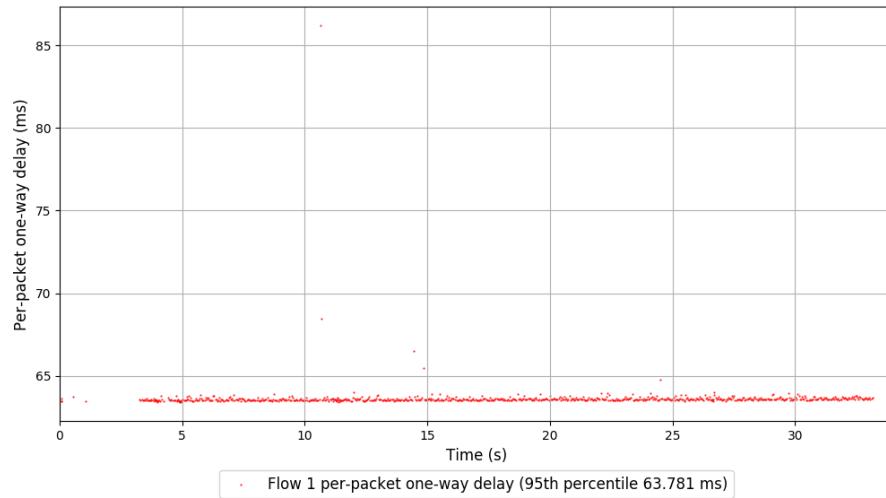
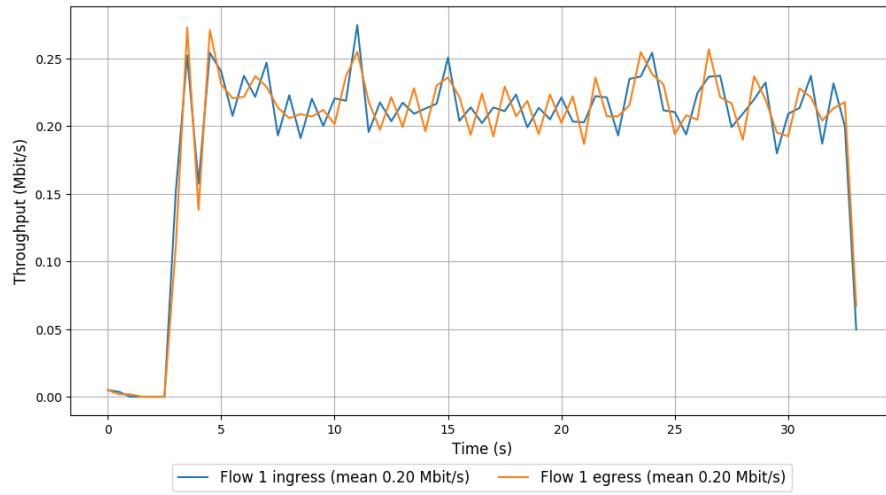


Run 3: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 19:39:09 +0000
End at: Thu, 29 Jun 2017 19:39:39 +0000
Local clock offset: 0.162 ms
Remote clock offset: -5.53 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:13:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 63.781 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 63.781 ms
Loss rate: 0.00%
```

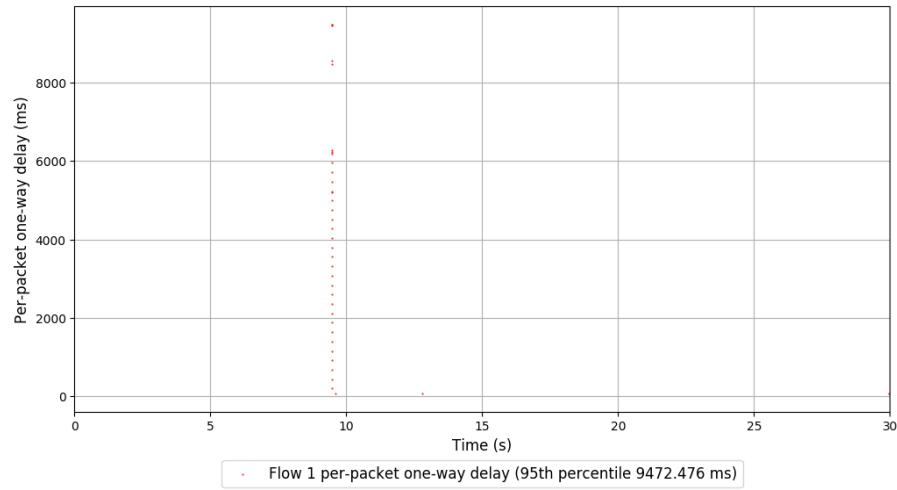
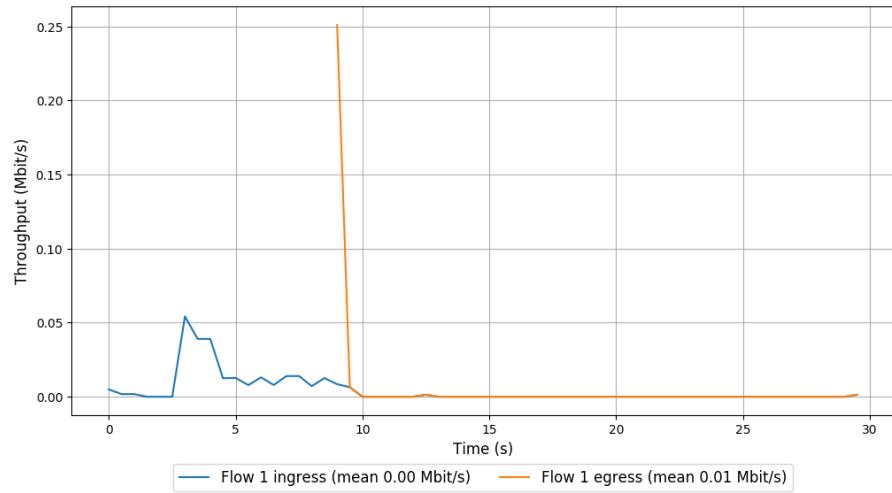
Run 3: Report of SCReAM — Data Link



Run 4: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 19:56:33 +0000
End at: Thu, 29 Jun 2017 19:57:03 +0000
Local clock offset: 0.366 ms
Remote clock offset: -8.014 ms

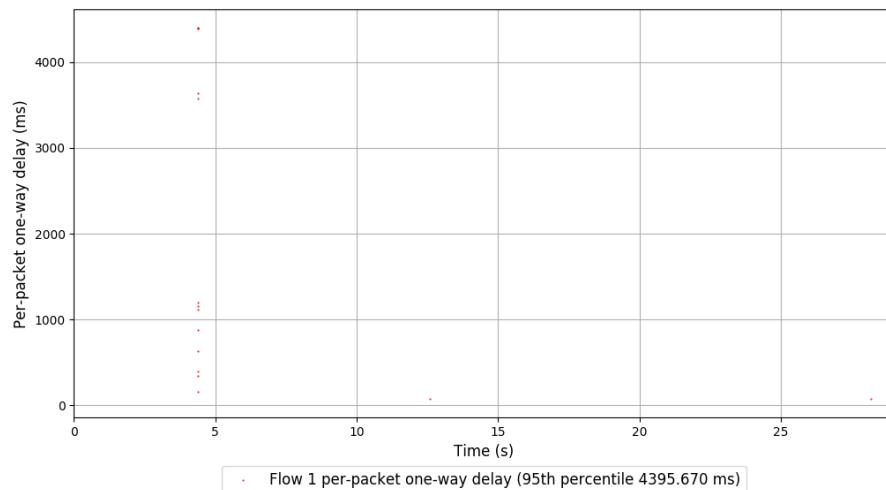
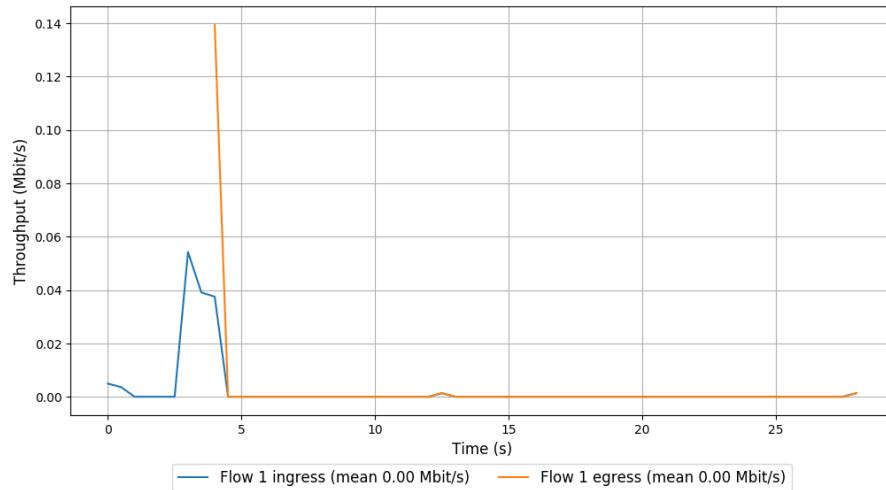
Run 4: Report of SCReAM — Data Link



Run 5: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 20:14:09 +0000
End at: Thu, 29 Jun 2017 20:14:39 +0000
Local clock offset: 0.555 ms
Remote clock offset: -10.851 ms

Run 5: Report of SCReAM — Data Link

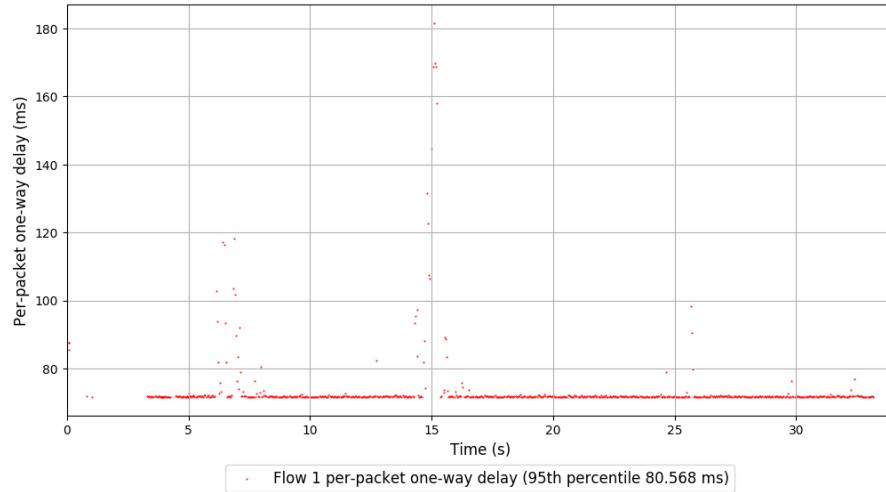
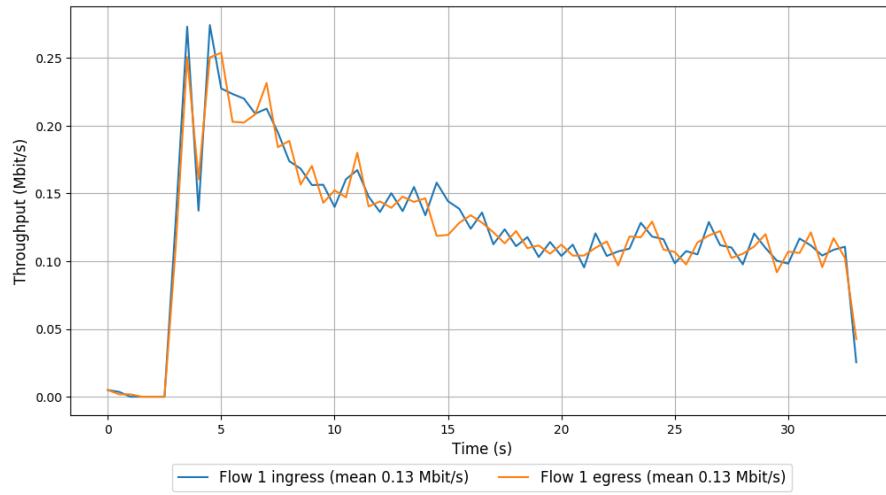


Run 6: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 20:31:24 +0000
End at: Thu, 29 Jun 2017 20:31:54 +0000
Local clock offset: 0.693 ms
Remote clock offset: -12.884 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:13:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 80.568 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 80.568 ms
Loss rate: 1.00%
```

Run 6: Report of SCReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Thu, 29 Jun 2017 20:48:46 +0000

End at: Thu, 29 Jun 2017 20:49:16 +0000

Local clock offset: 0.699 ms

Remote clock offset: -14.032 ms

Below is generated by plot.py at Fri, 30 Jun 2017 01:13:05 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 72.236 ms

Loss rate: 0.00%

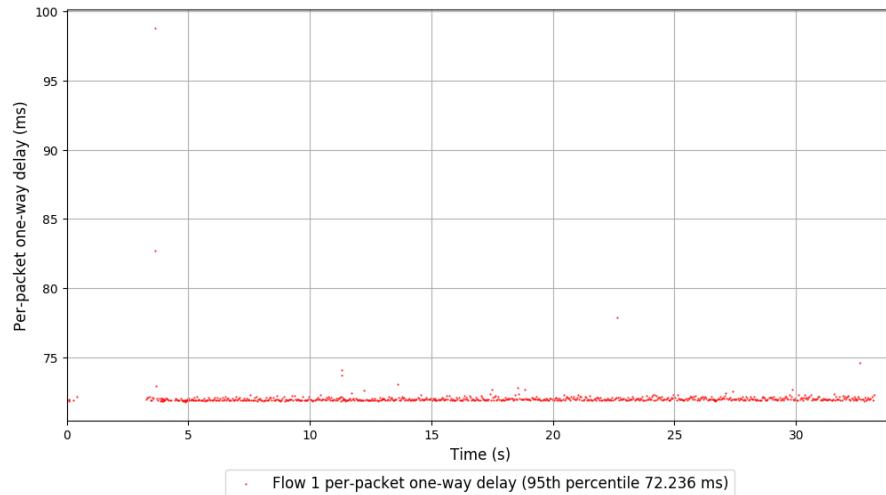
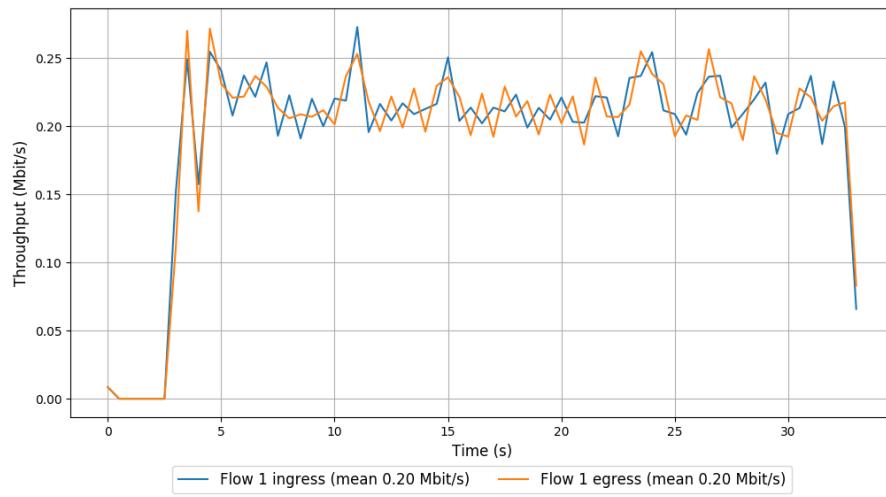
-- Flow 1:

Average throughput: 0.20 Mbit/s

95th percentile per-packet one-way delay: 72.236 ms

Loss rate: 0.00%

Run 7: Report of SCReAM — Data Link

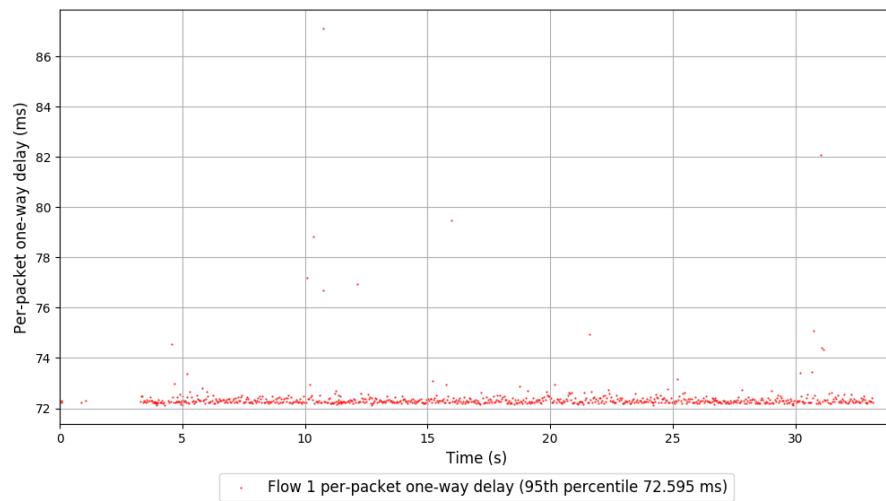
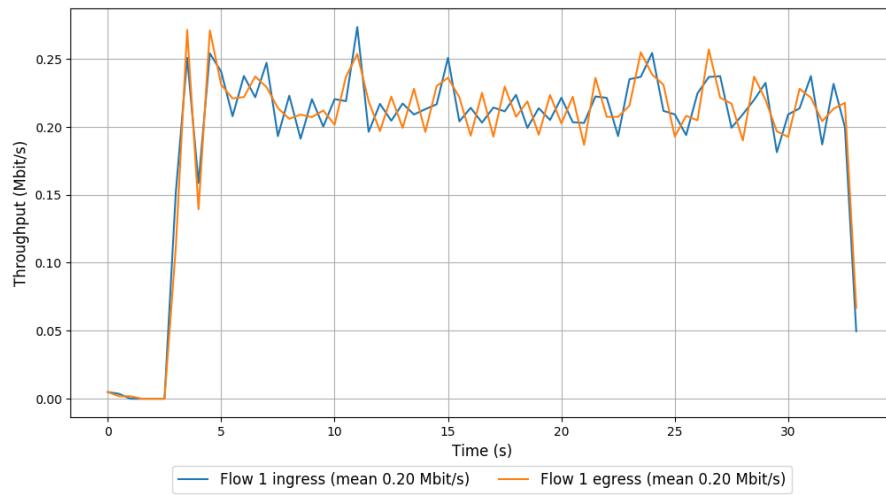


Run 8: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 21:06:09 +0000
End at: Thu, 29 Jun 2017 21:06:39 +0000
Local clock offset: 0.669 ms
Remote clock offset: -14.751 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:13:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 72.595 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 72.595 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

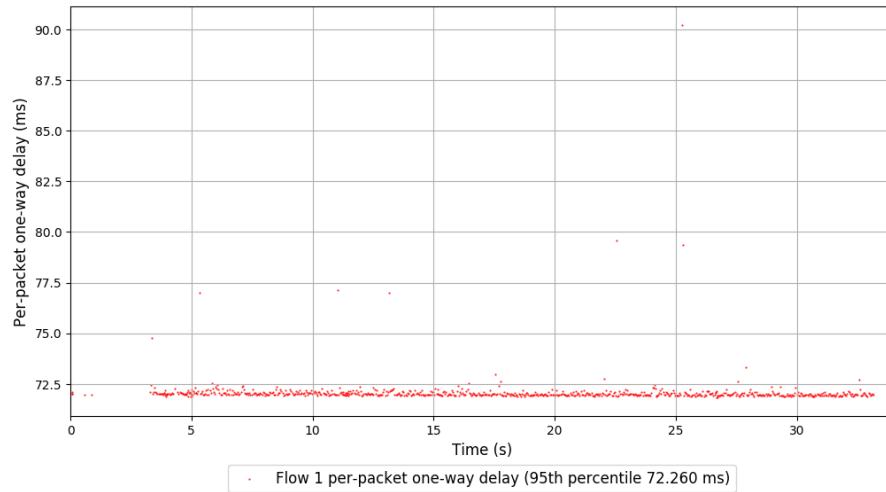
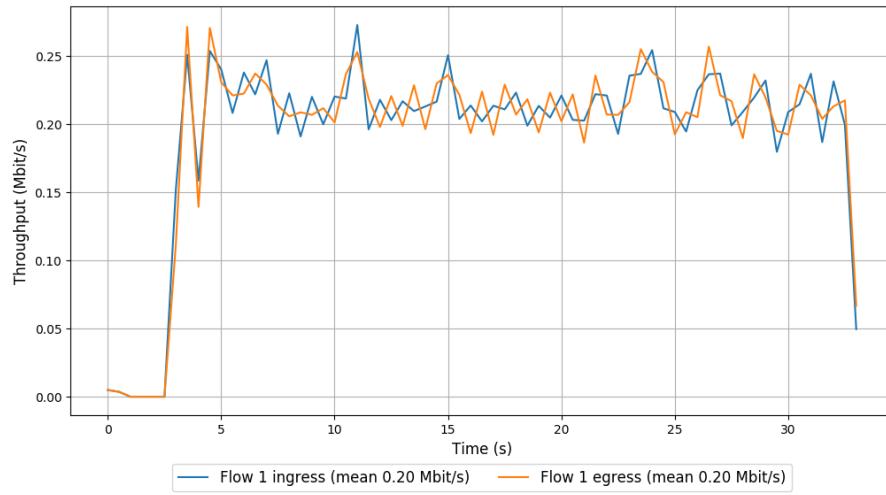


Run 9: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 21:23:25 +0000
End at: Thu, 29 Jun 2017 21:23:55 +0000
Local clock offset: 0.69 ms
Remote clock offset: -14.065 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:13:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 72.260 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 72.260 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

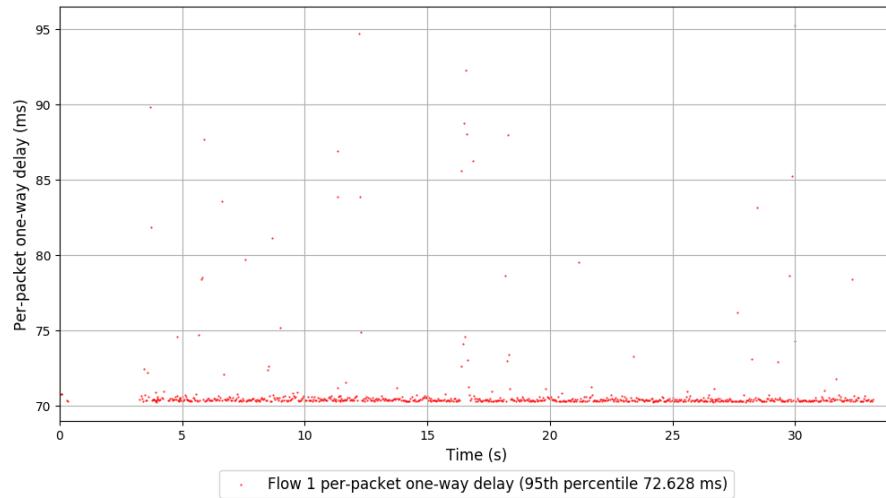
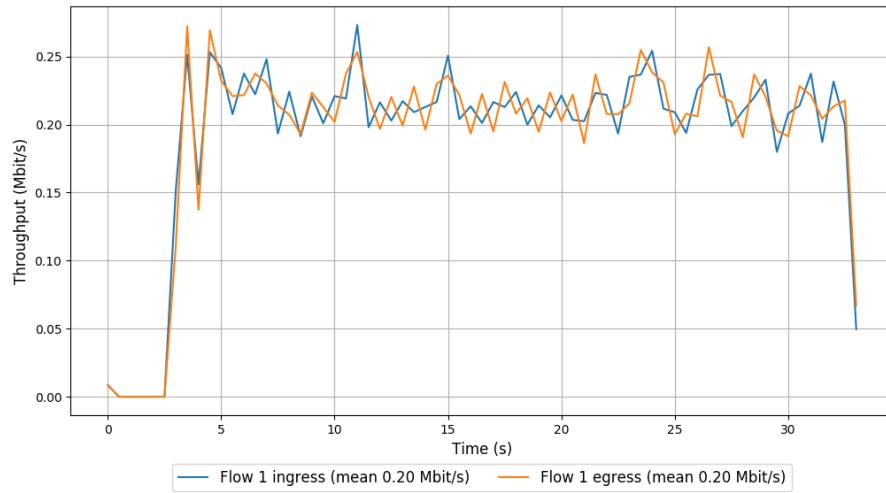


Run 10: Statistics of SCReAM

```
Start at: Thu, 29 Jun 2017 21:40:33 +0000
End at: Thu, 29 Jun 2017 21:41:03 +0000
Local clock offset: 0.606 ms
Remote clock offset: -12.219 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:13:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 72.628 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 72.628 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

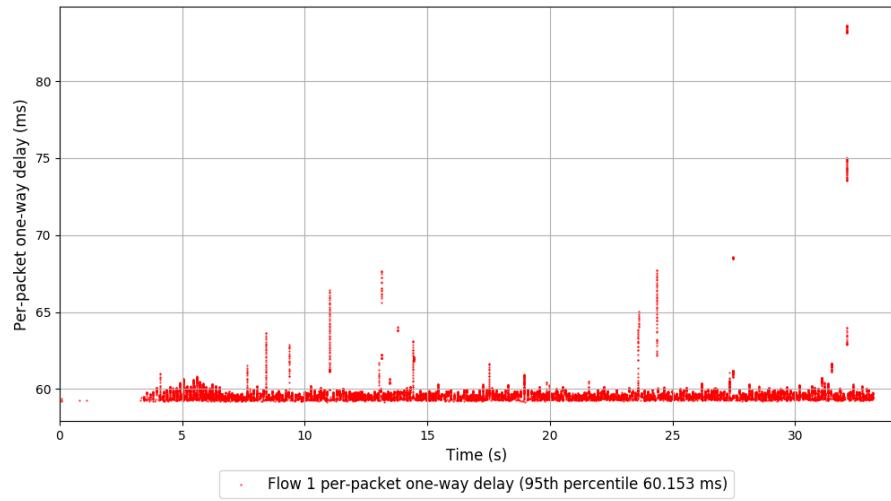
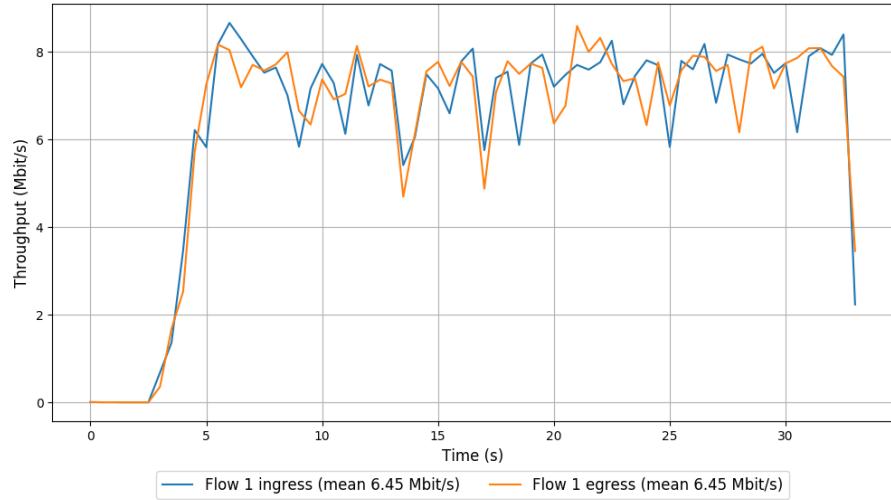


Run 1: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 19:06:18 +0000
End at: Thu, 29 Jun 2017 19:06:48 +0000
Local clock offset: -0.262 ms
Remote clock offset: -2.631 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:13:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.45 Mbit/s
95th percentile per-packet one-way delay: 60.153 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.45 Mbit/s
95th percentile per-packet one-way delay: 60.153 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

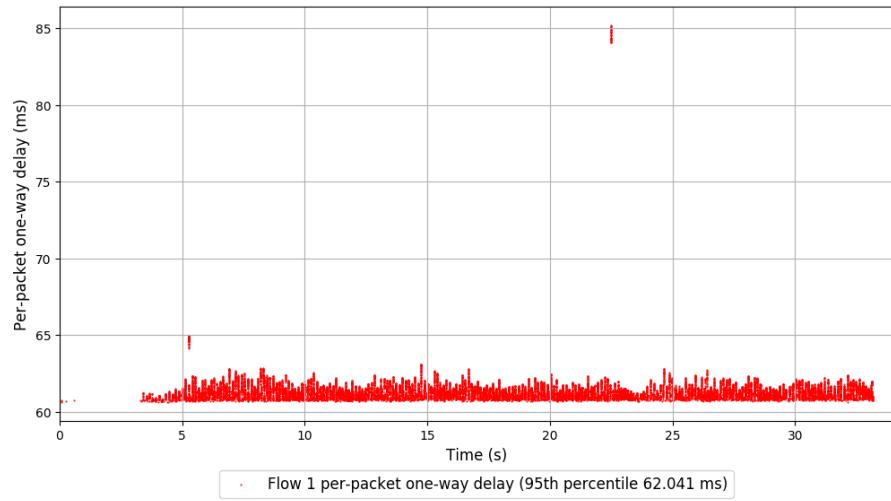
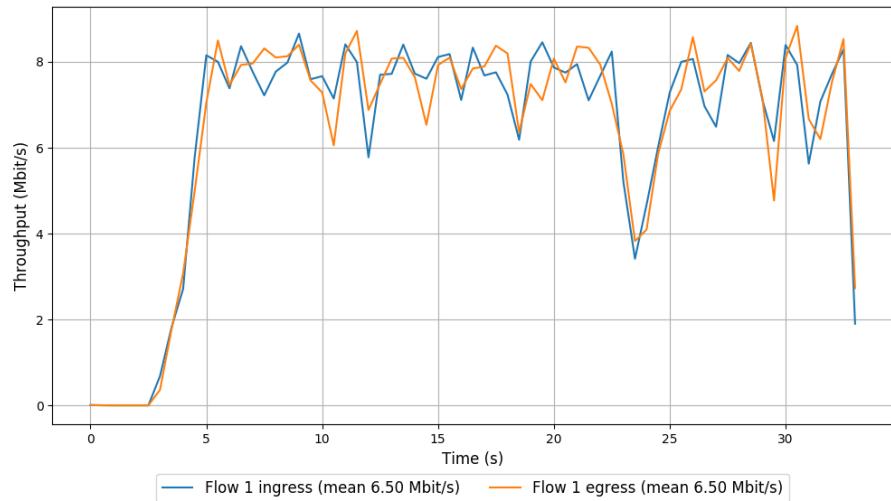


Run 2: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 19:23:57 +0000
End at: Thu, 29 Jun 2017 19:24:27 +0000
Local clock offset: -0.004 ms
Remote clock offset: -4.147 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:13:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.50 Mbit/s
95th percentile per-packet one-way delay: 62.041 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.50 Mbit/s
95th percentile per-packet one-way delay: 62.041 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

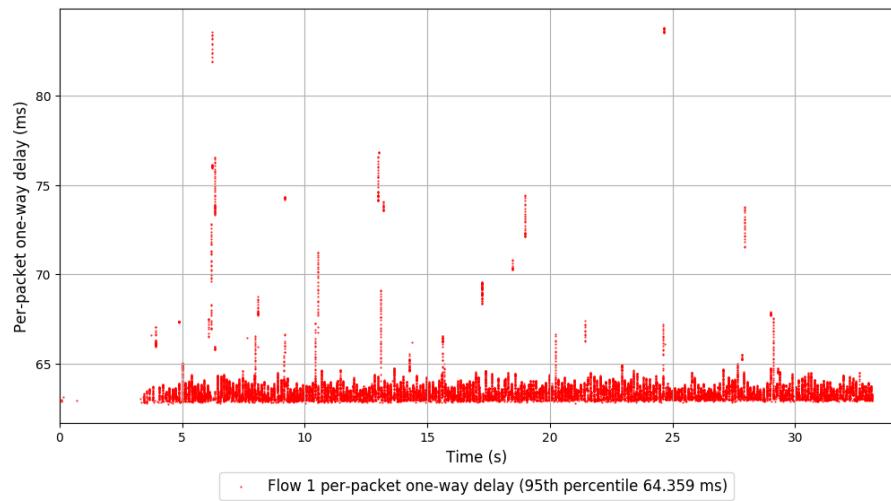
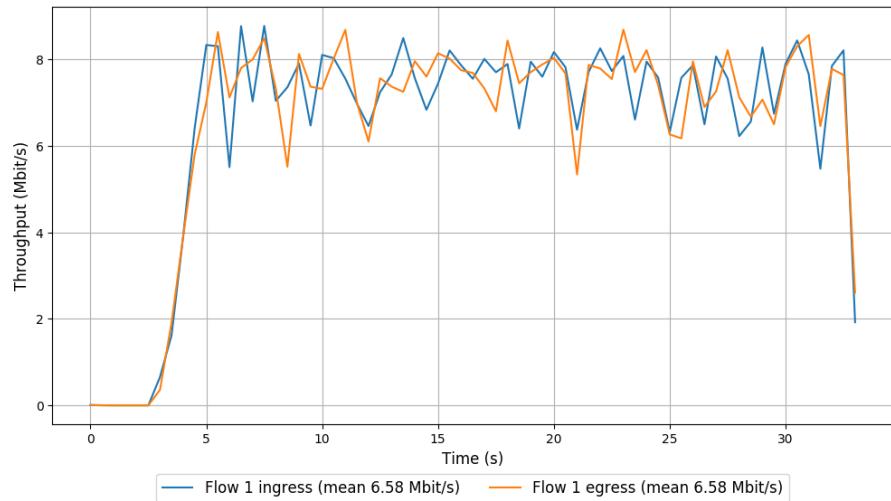


Run 3: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 19:41:25 +0000
End at: Thu, 29 Jun 2017 19:41:55 +0000
Local clock offset: 0.18 ms
Remote clock offset: -6.032 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:13:09 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.58 Mbit/s
95th percentile per-packet one-way delay: 64.359 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.58 Mbit/s
95th percentile per-packet one-way delay: 64.359 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

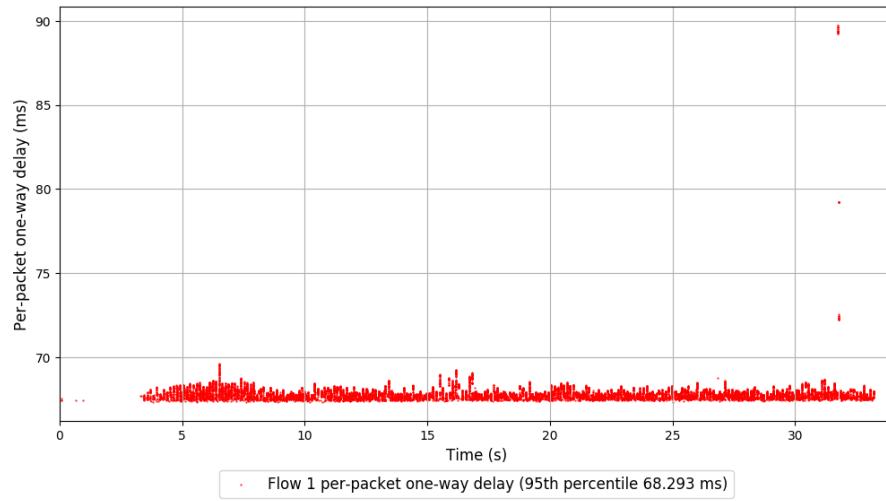
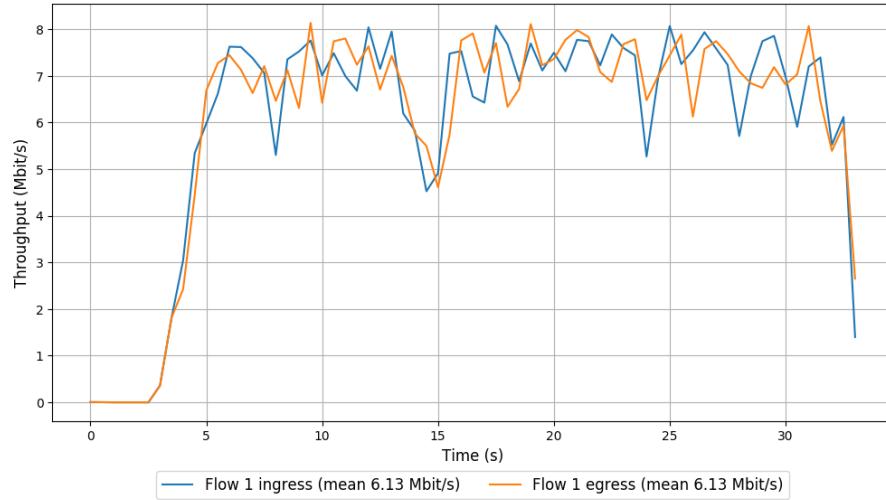


Run 4: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 19:58:48 +0000
End at: Thu, 29 Jun 2017 19:59:18 +0000
Local clock offset: 0.436 ms
Remote clock offset: -8.577 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:13:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.13 Mbit/s
95th percentile per-packet one-way delay: 68.293 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.13 Mbit/s
95th percentile per-packet one-way delay: 68.293 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

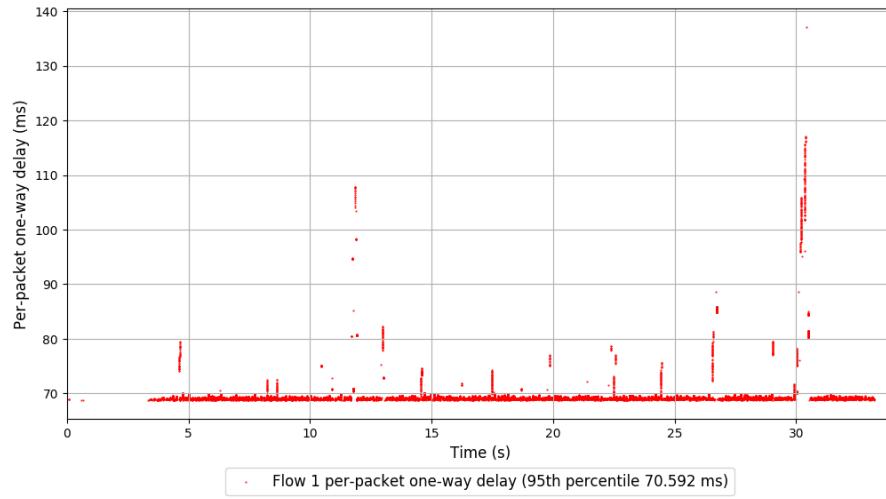
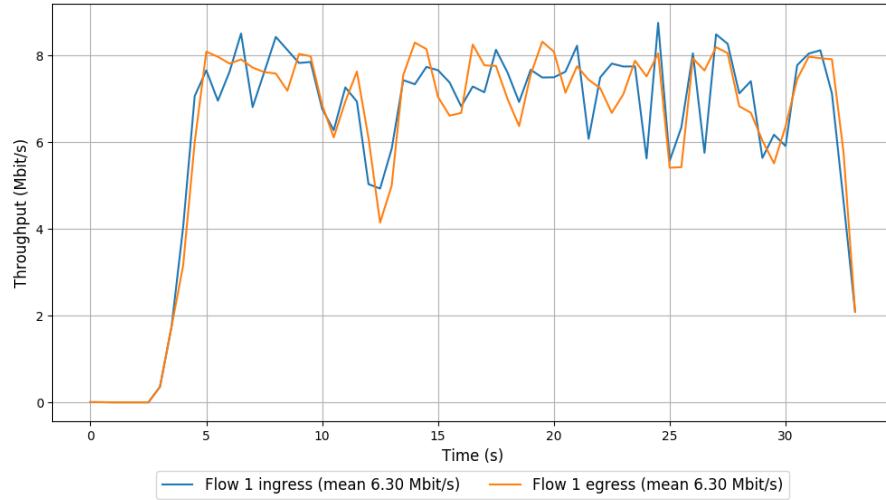


Run 5: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 20:16:23 +0000
End at: Thu, 29 Jun 2017 20:16:53 +0000
Local clock offset: 0.499 ms
Remote clock offset: -10.835 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:13:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.30 Mbit/s
95th percentile per-packet one-way delay: 70.592 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.30 Mbit/s
95th percentile per-packet one-way delay: 70.592 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

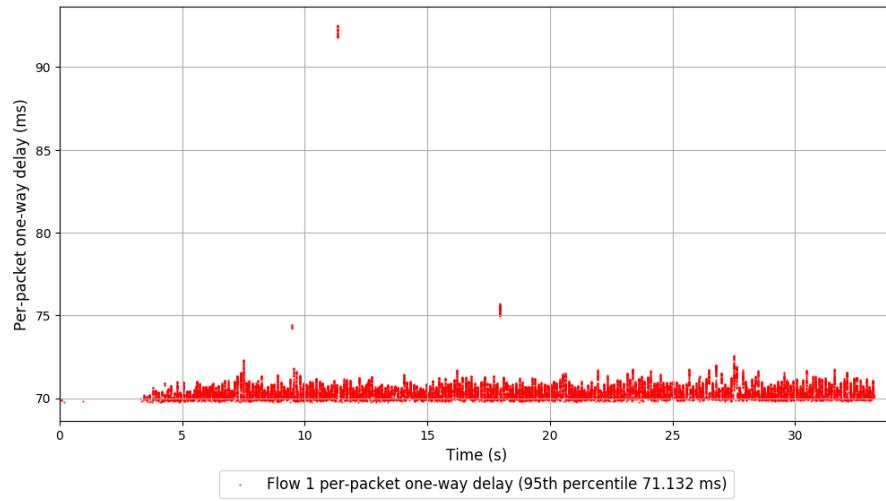
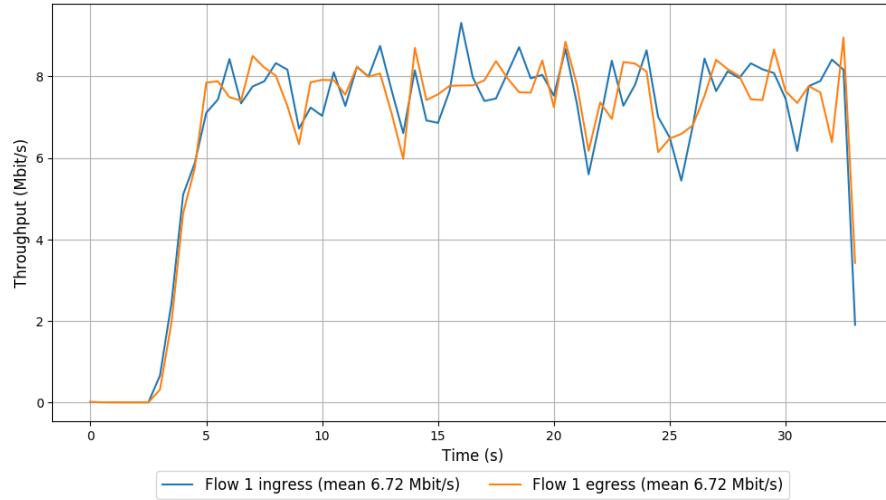


Run 6: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 20:33:38 +0000
End at: Thu, 29 Jun 2017 20:34:08 +0000
Local clock offset: 0.723 ms
Remote clock offset: -12.754 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:13:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.72 Mbit/s
95th percentile per-packet one-way delay: 71.132 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.72 Mbit/s
95th percentile per-packet one-way delay: 71.132 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

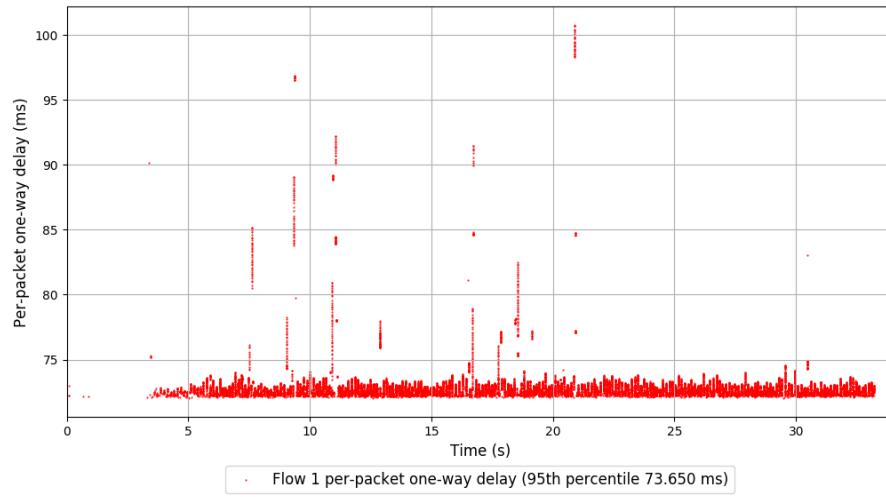
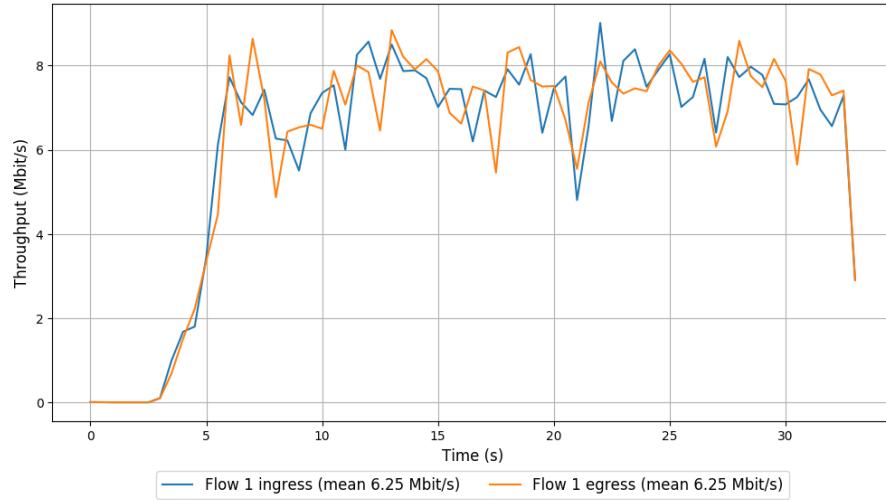


Run 7: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 20:50:59 +0000
End at: Thu, 29 Jun 2017 20:51:29 +0000
Local clock offset: 0.754 ms
Remote clock offset: -13.633 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:13:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.25 Mbit/s
95th percentile per-packet one-way delay: 73.650 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 6.25 Mbit/s
95th percentile per-packet one-way delay: 73.650 ms
Loss rate: 0.01%
```

Run 7: Report of Sprout — Data Link

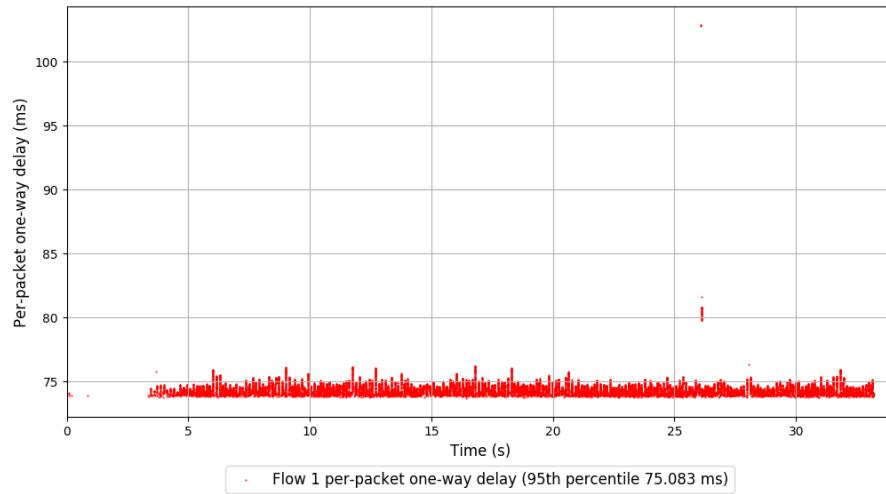
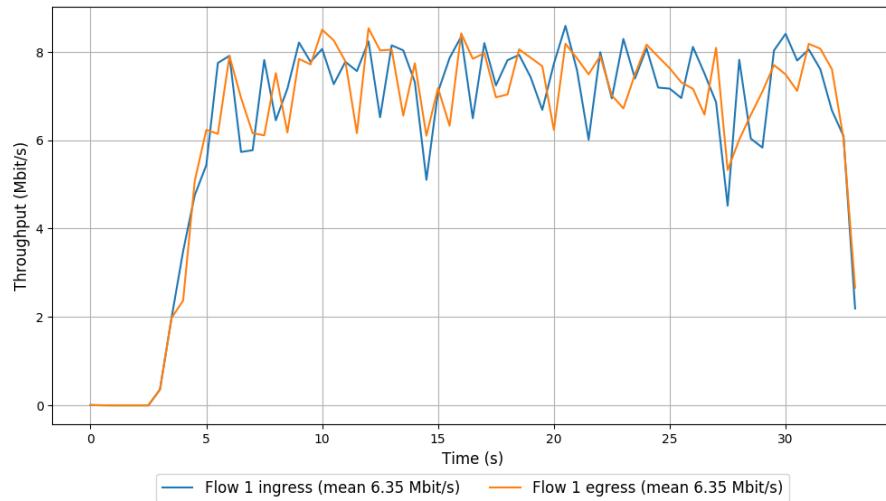


Run 8: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 21:08:24 +0000
End at: Thu, 29 Jun 2017 21:08:54 +0000
Local clock offset: 0.659 ms
Remote clock offset: -14.736 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:13:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.35 Mbit/s
95th percentile per-packet one-way delay: 75.083 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.35 Mbit/s
95th percentile per-packet one-way delay: 75.083 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

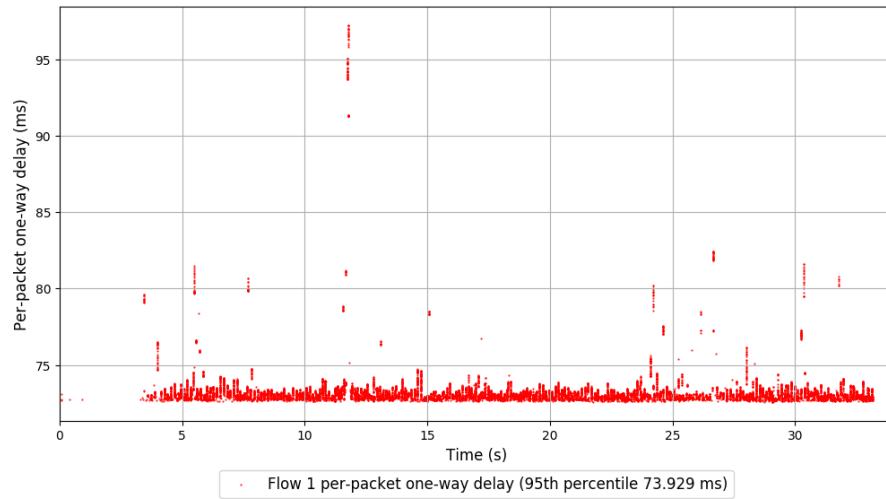
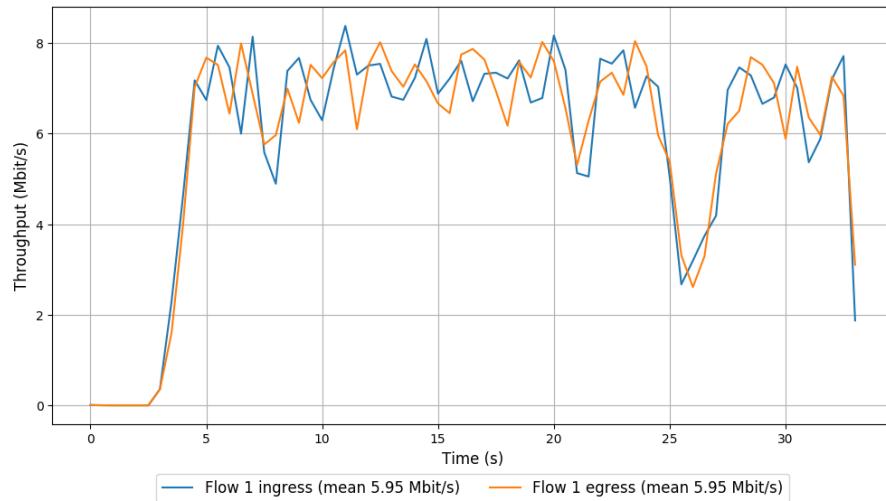


Run 9: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 21:25:38 +0000
End at: Thu, 29 Jun 2017 21:26:08 +0000
Local clock offset: 0.631 ms
Remote clock offset: -13.901 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:13:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.95 Mbit/s
95th percentile per-packet one-way delay: 73.929 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 5.95 Mbit/s
95th percentile per-packet one-way delay: 73.929 ms
Loss rate: 0.03%
```

Run 9: Report of Sprout — Data Link

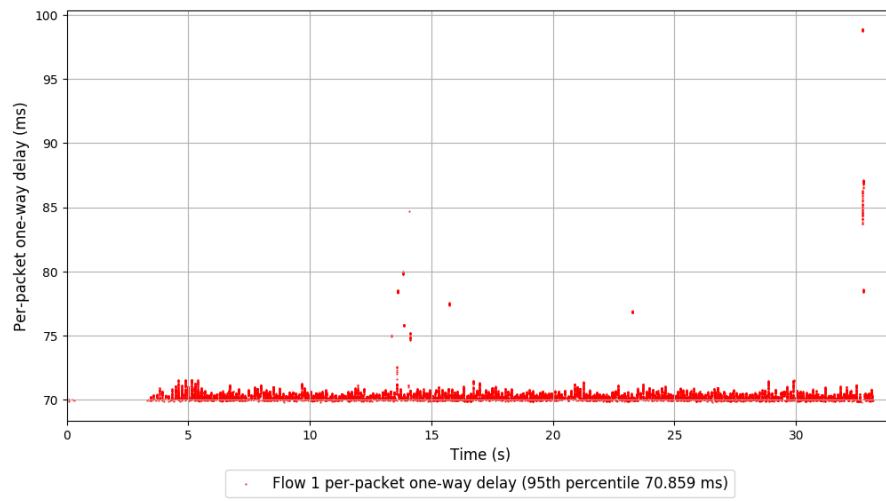
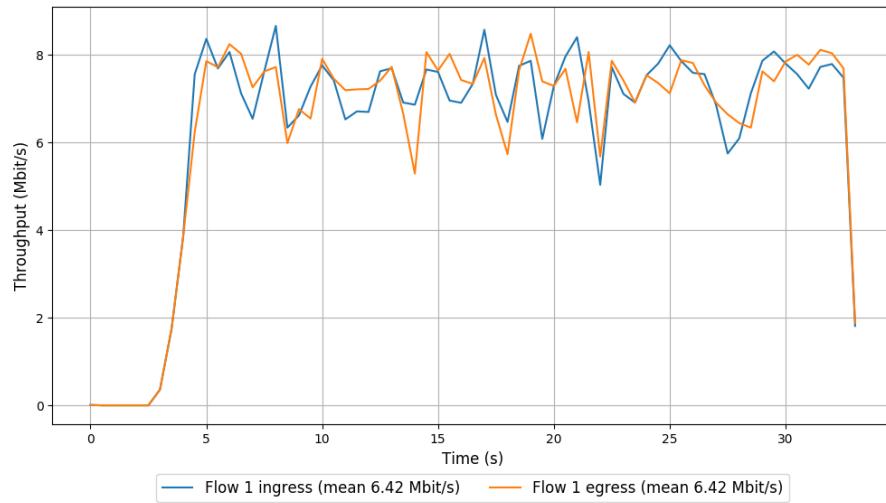


Run 10: Statistics of Sprout

```
Start at: Thu, 29 Jun 2017 21:42:47 +0000
End at: Thu, 29 Jun 2017 21:43:17 +0000
Local clock offset: 0.607 ms
Remote clock offset: -11.837 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:13:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.42 Mbit/s
95th percentile per-packet one-way delay: 70.859 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.42 Mbit/s
95th percentile per-packet one-way delay: 70.859 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link

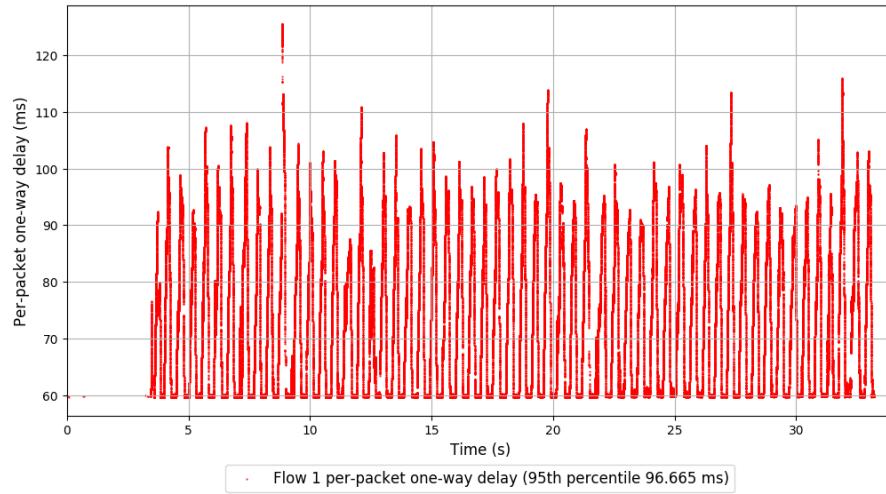
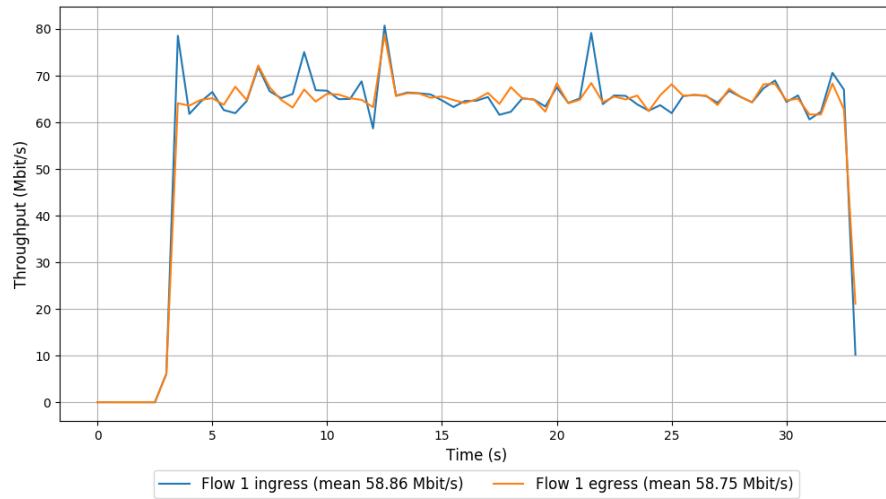


Run 1: Statistics of TaoVA-100x

```
Start at: Thu, 29 Jun 2017 19:08:41 +0000
End at: Thu, 29 Jun 2017 19:09:11 +0000
Local clock offset: -0.246 ms
Remote clock offset: -2.66 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:13:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.75 Mbit/s
95th percentile per-packet one-way delay: 96.665 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 58.75 Mbit/s
95th percentile per-packet one-way delay: 96.665 ms
Loss rate: 0.19%
```

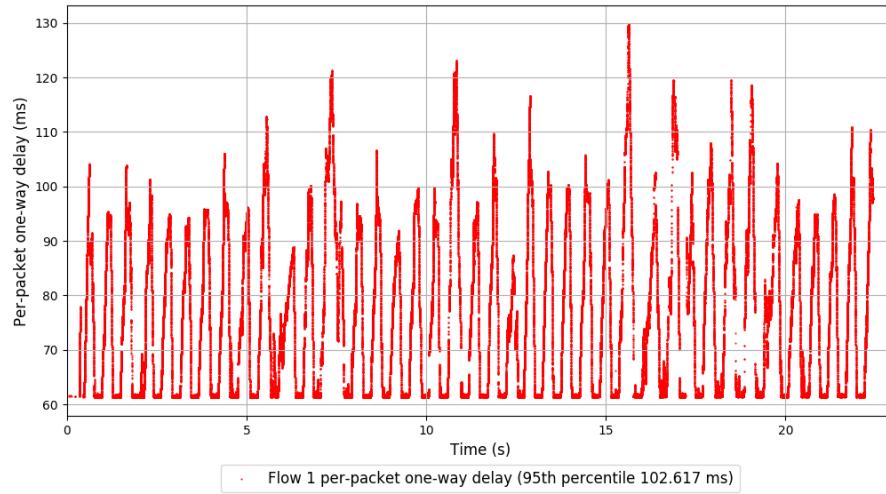
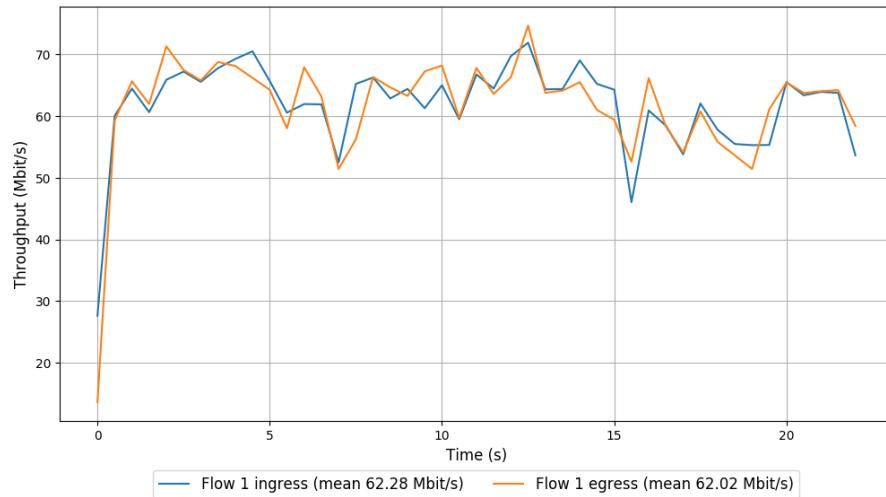
Run 1: Report of TaoVA-100x — Data Link



Run 2: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 19:26:22 +0000
End at: Thu, 29 Jun 2017 19:26:52 +0000
Local clock offset: 0.081 ms
Remote clock offset: -4.274 ms

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

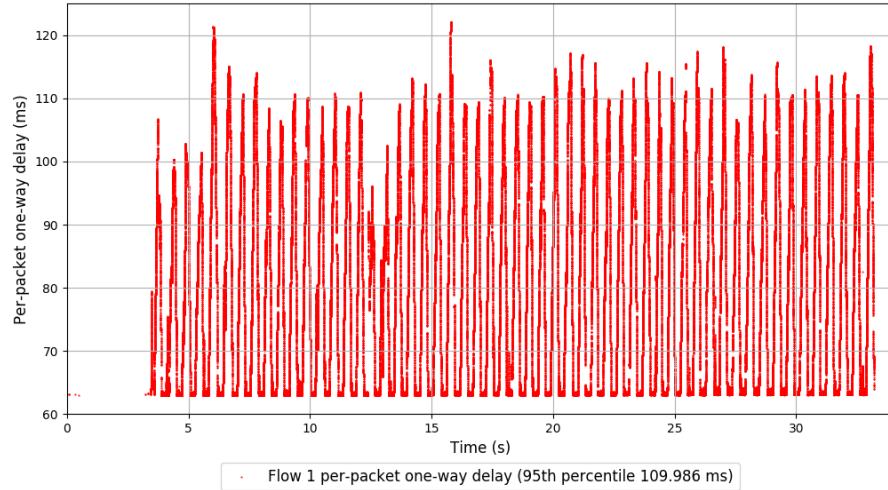
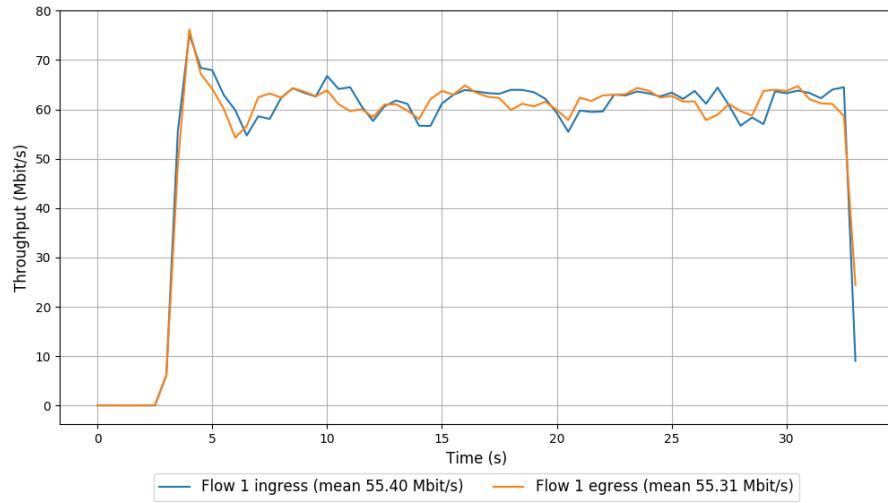


Run 3: Statistics of TaoVA-100x

```
Start at: Thu, 29 Jun 2017 19:43:37 +0000
End at: Thu, 29 Jun 2017 19:44:07 +0000
Local clock offset: 0.215 ms
Remote clock offset: -6.248 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:13:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.31 Mbit/s
95th percentile per-packet one-way delay: 109.986 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 55.31 Mbit/s
95th percentile per-packet one-way delay: 109.986 ms
Loss rate: 0.16%
```

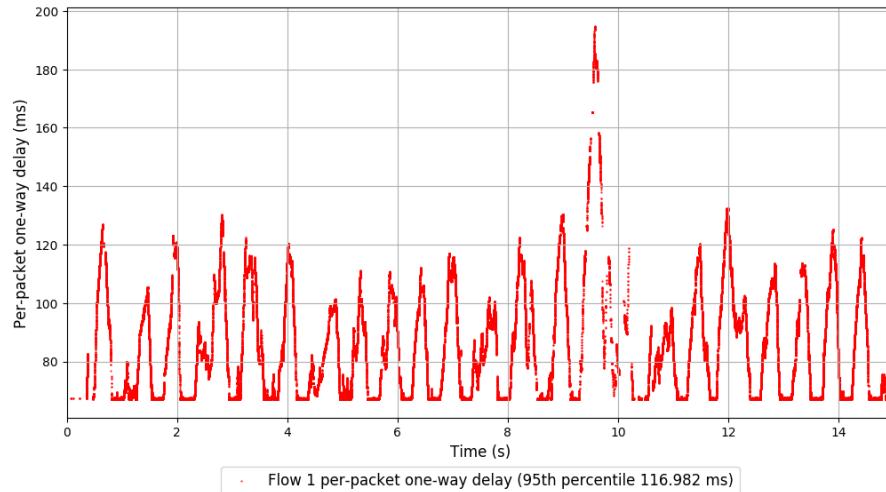
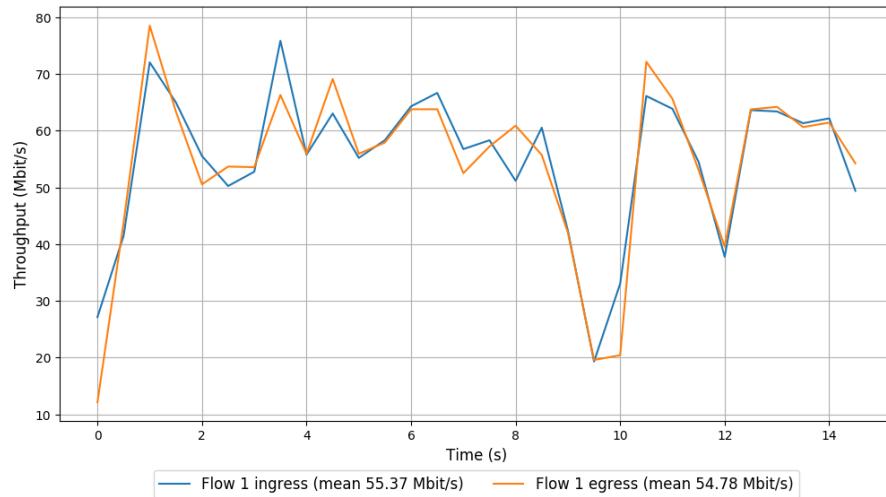
Run 3: Report of TaoVA-100x — Data Link



Run 4: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 20:01:05 +0000
End at: Thu, 29 Jun 2017 20:01:35 +0000
Local clock offset: 0.405 ms
Remote clock offset: -8.826 ms

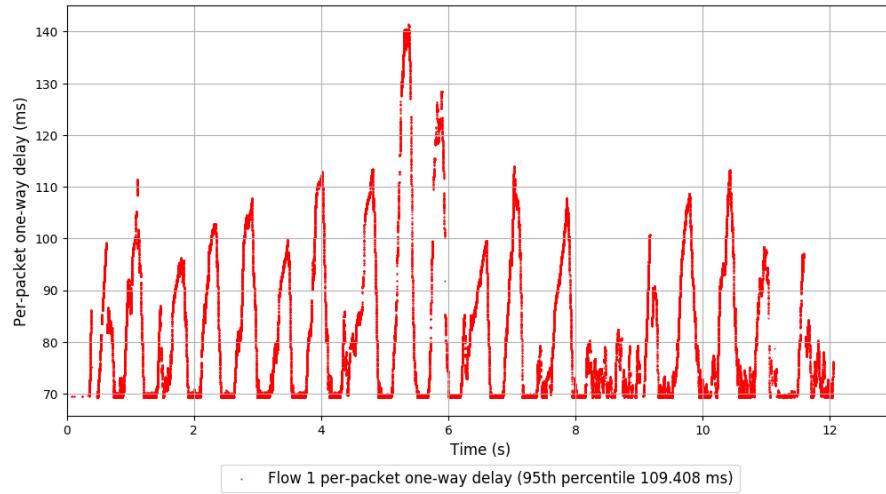
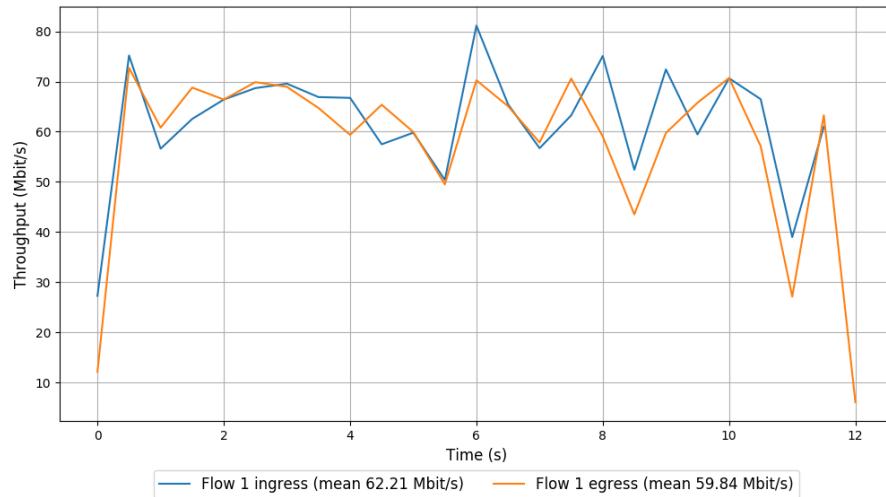
Run 4: Report of TaoVA-100x — Data Link



Run 5: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 20:18:41 +0000
End at: Thu, 29 Jun 2017 20:19:11 +0000
Local clock offset: 0.548 ms
Remote clock offset: -11.198 ms

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

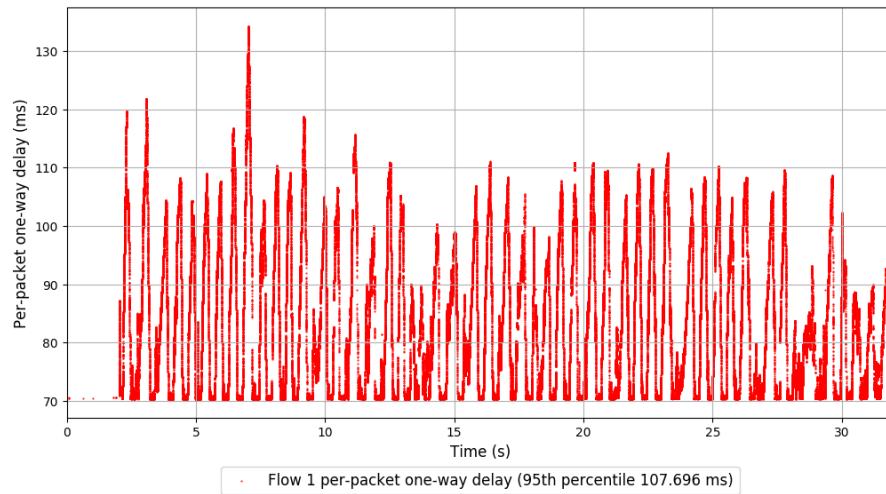
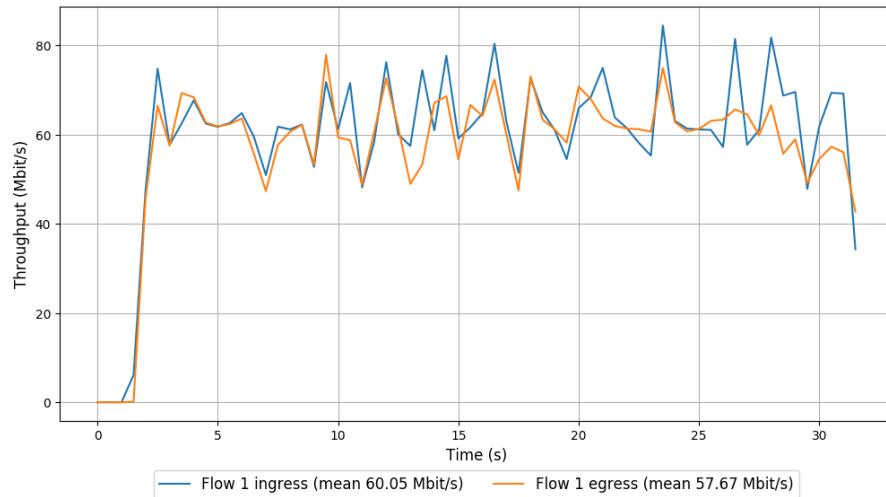


Run 6: Statistics of TaoVA-100x

```
Start at: Thu, 29 Jun 2017 20:36:01 +0000
End at: Thu, 29 Jun 2017 20:36:31 +0000
Local clock offset: 0.645 ms
Remote clock offset: -12.575 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:13:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.67 Mbit/s
95th percentile per-packet one-way delay: 107.696 ms
Loss rate: 3.92%
-- Flow 1:
Average throughput: 57.67 Mbit/s
95th percentile per-packet one-way delay: 107.696 ms
Loss rate: 3.92%
```

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



Run 7: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 20:53:16 +0000

End at: Thu, 29 Jun 2017 20:53:46 +0000

Local clock offset: 0.654 ms

Remote clock offset: -13.982 ms

Below is generated by plot.py at Fri, 30 Jun 2017 01:14:00 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.15 Mbit/s

95th percentile per-packet one-way delay: 107.547 ms

Loss rate: 1.23%

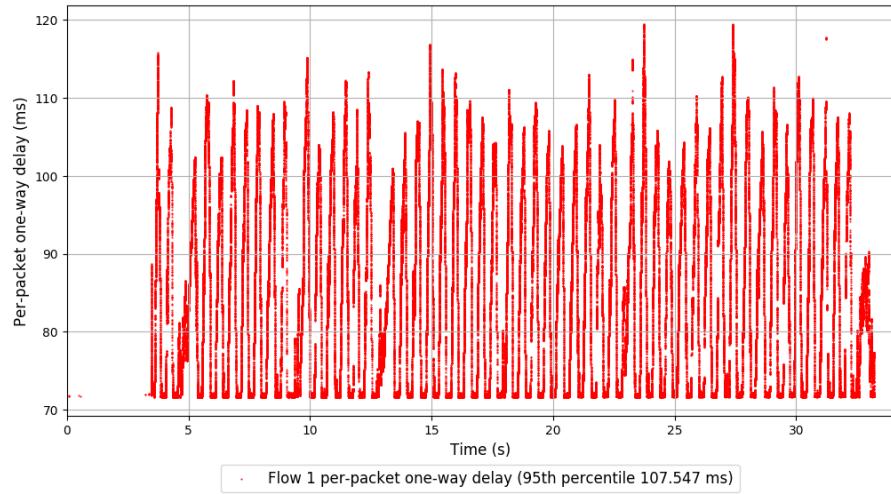
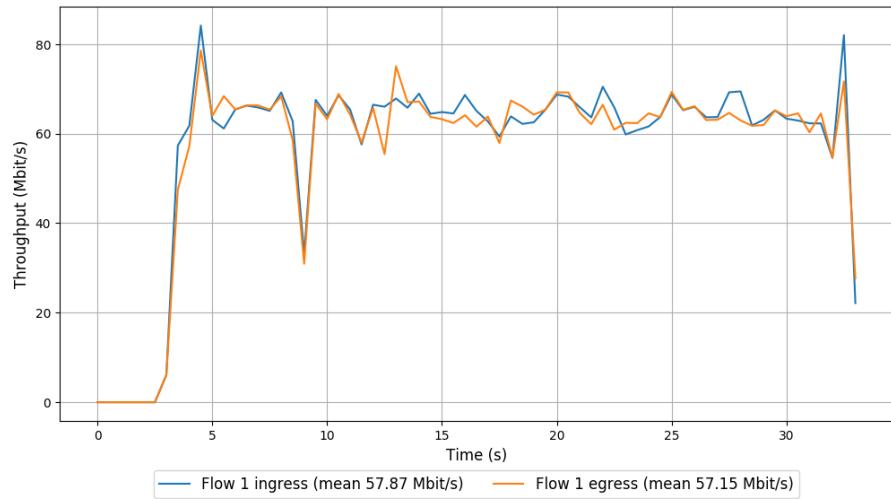
-- Flow 1:

Average throughput: 57.15 Mbit/s

95th percentile per-packet one-way delay: 107.547 ms

Loss rate: 1.23%

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



Run 8: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 21:10:36 +0000

End at: Thu, 29 Jun 2017 21:11:06 +0000

Local clock offset: 0.715 ms

Remote clock offset: -14.804 ms

Below is generated by plot.py at Fri, 30 Jun 2017 01:14:13 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.82 Mbit/s

95th percentile per-packet one-way delay: 107.132 ms

Loss rate: 7.49%

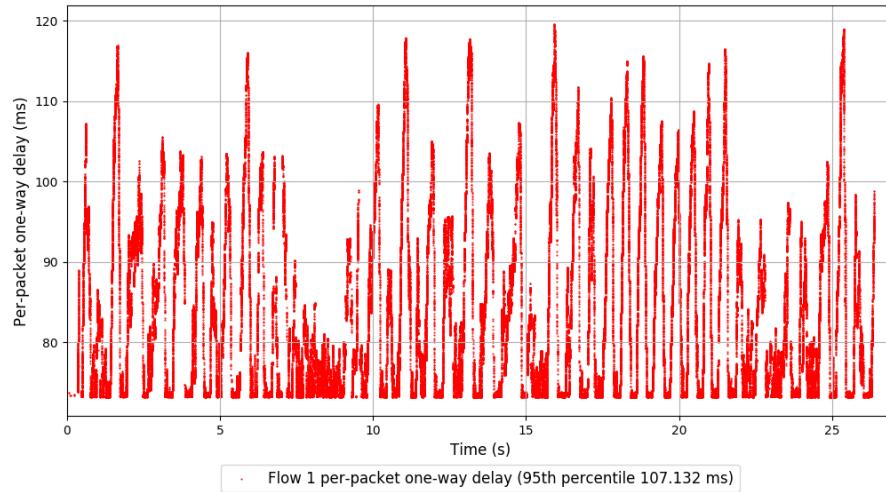
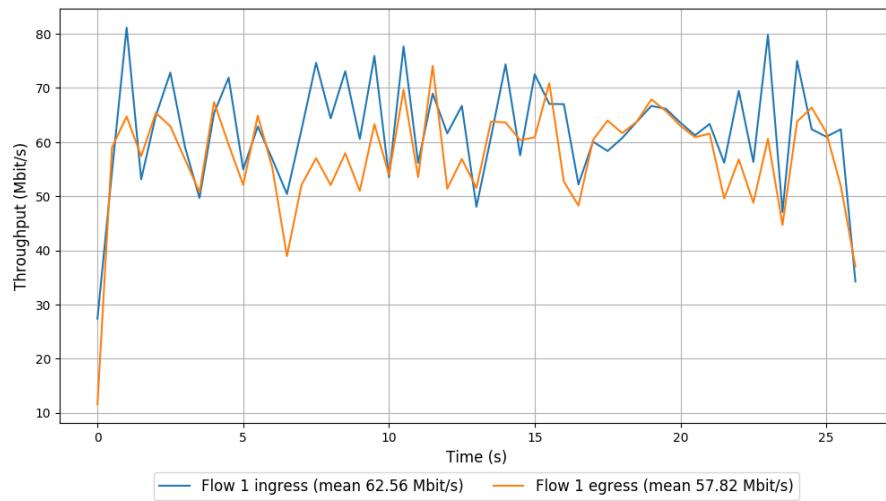
-- Flow 1:

Average throughput: 57.82 Mbit/s

95th percentile per-packet one-way delay: 107.132 ms

Loss rate: 7.49%

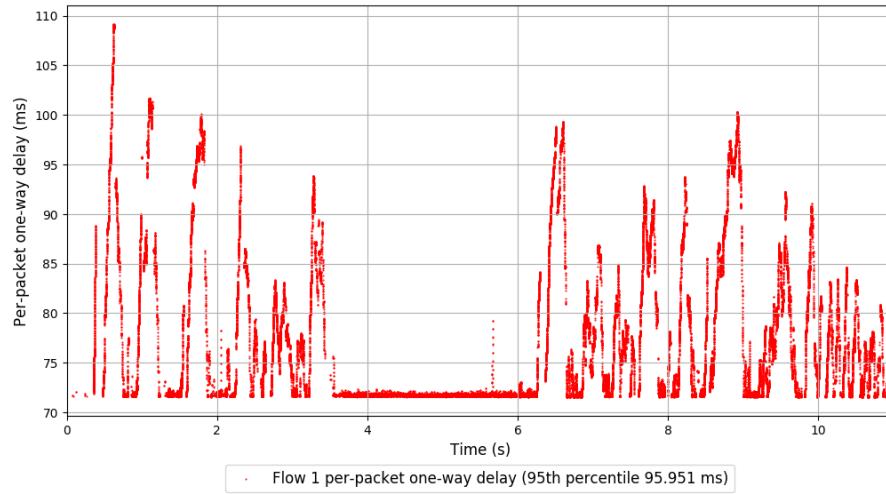
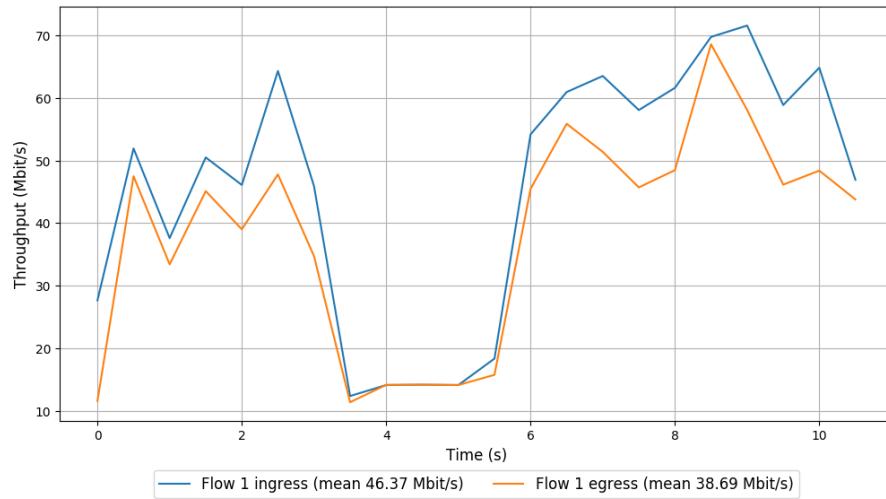
Run 8: Report of TaoVA-100x — Data Link



Run 9: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 21:27:55 +0000
End at: Thu, 29 Jun 2017 21:28:25 +0000
Local clock offset: 0.702 ms
Remote clock offset: -13.449 ms

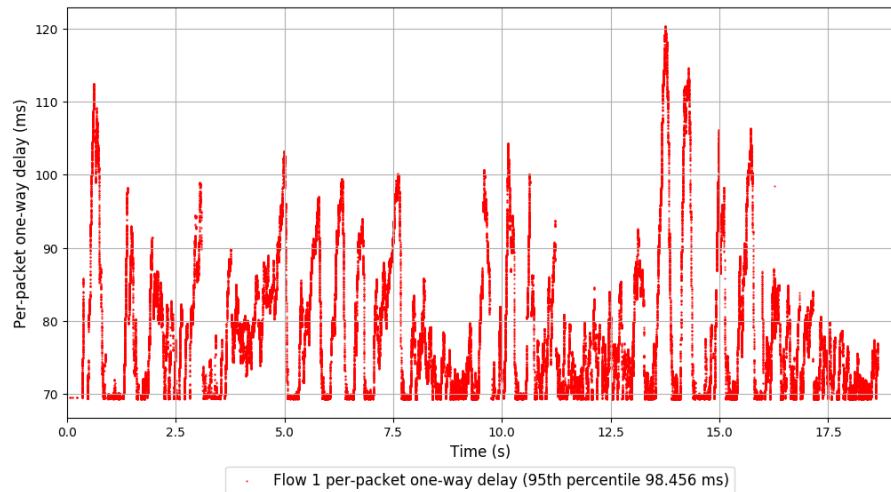
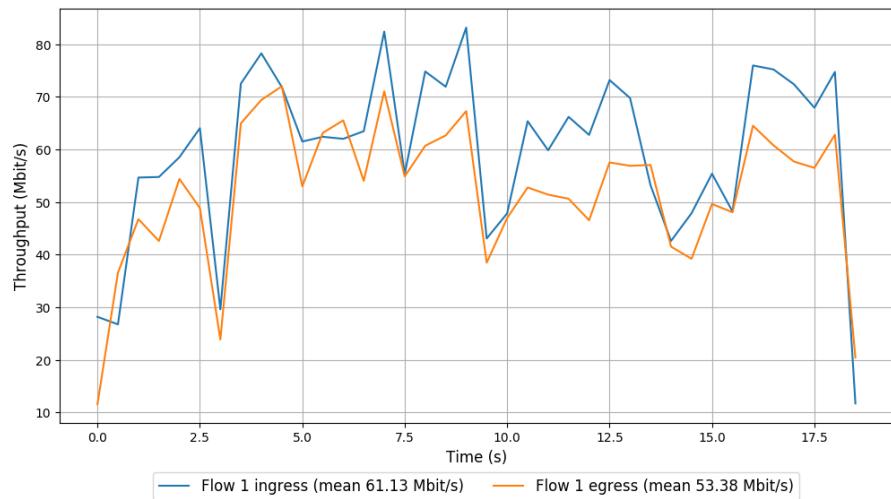
Run 9: Report of TaoVA-100x — Data Link



Run 10: Statistics of TaoVA-100x

Start at: Thu, 29 Jun 2017 21:45:11 +0000
End at: Thu, 29 Jun 2017 21:45:41 +0000
Local clock offset: 0.594 ms
Remote clock offset: -11.528 ms

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

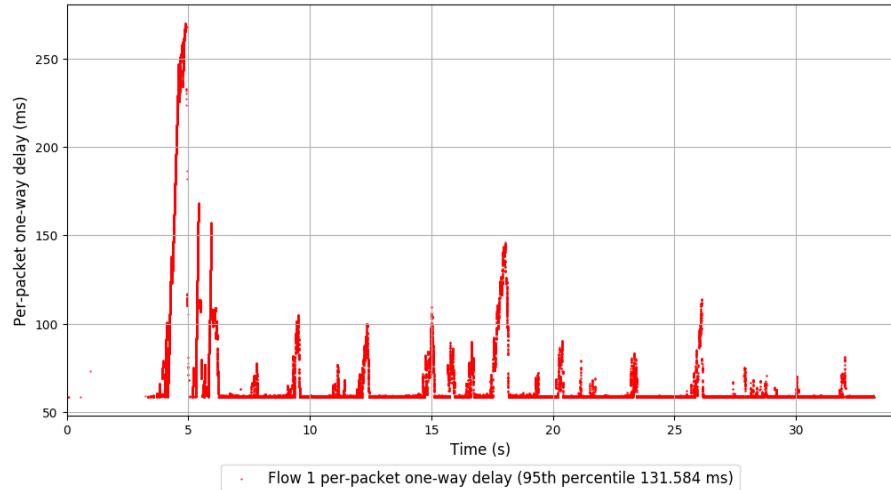
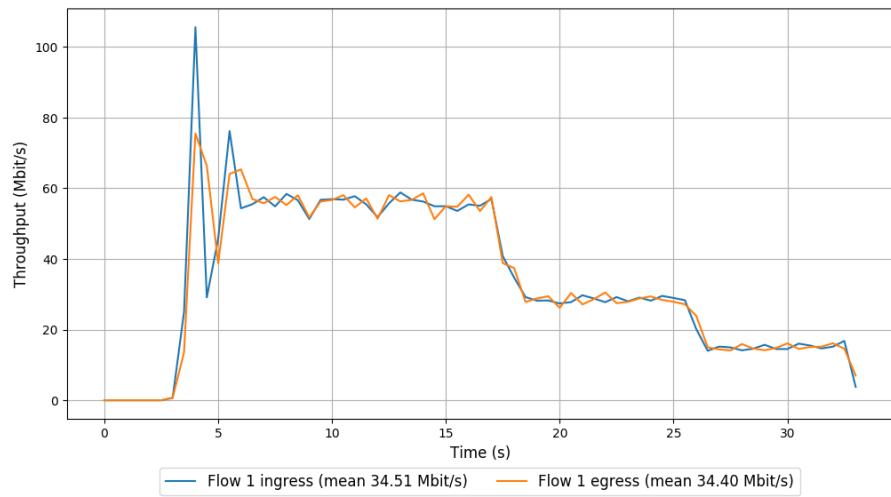


Run 1: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 19:05:08 +0000
End at: Thu, 29 Jun 2017 19:05:38 +0000
Local clock offset: -0.231 ms
Remote clock offset: -2.106 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:14:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.40 Mbit/s
95th percentile per-packet one-way delay: 131.584 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 34.40 Mbit/s
95th percentile per-packet one-way delay: 131.584 ms
Loss rate: 0.32%
```

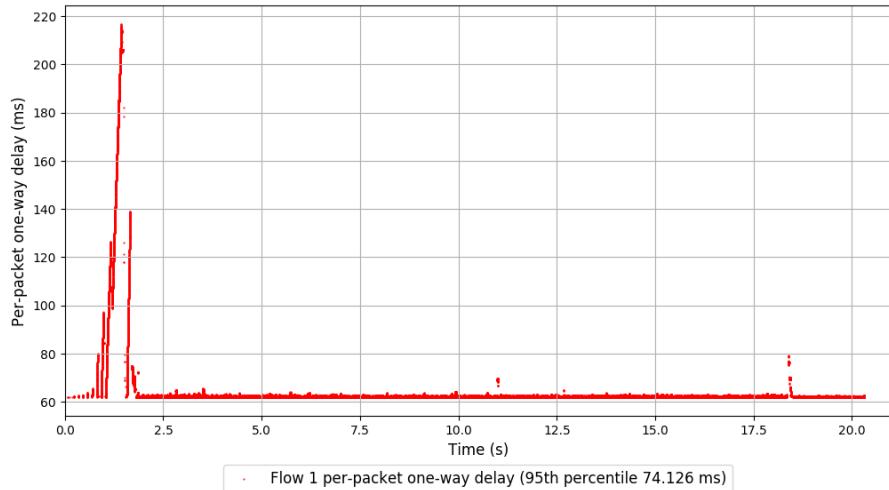
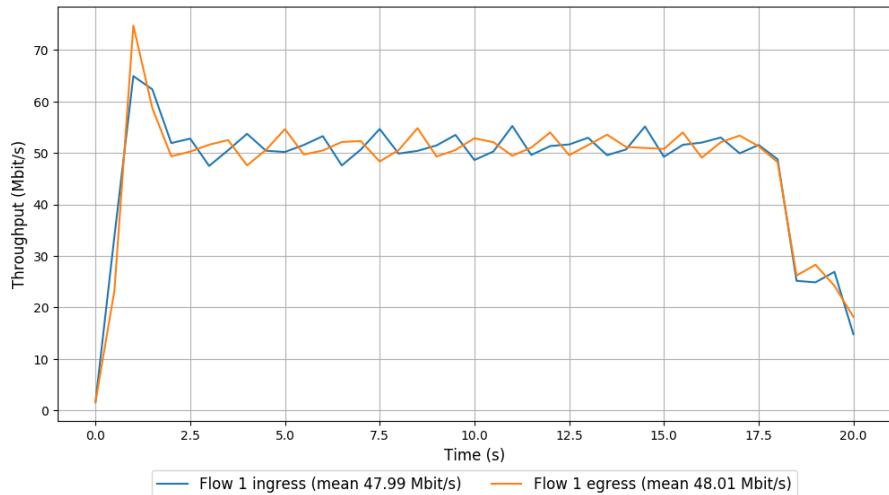
Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 19:22:48 +0000
End at: Thu, 29 Jun 2017 19:23:18 +0000
Local clock offset: -0.02 ms
Remote clock offset: -3.777 ms

Run 2: Report of TCP Vegas — Data Link

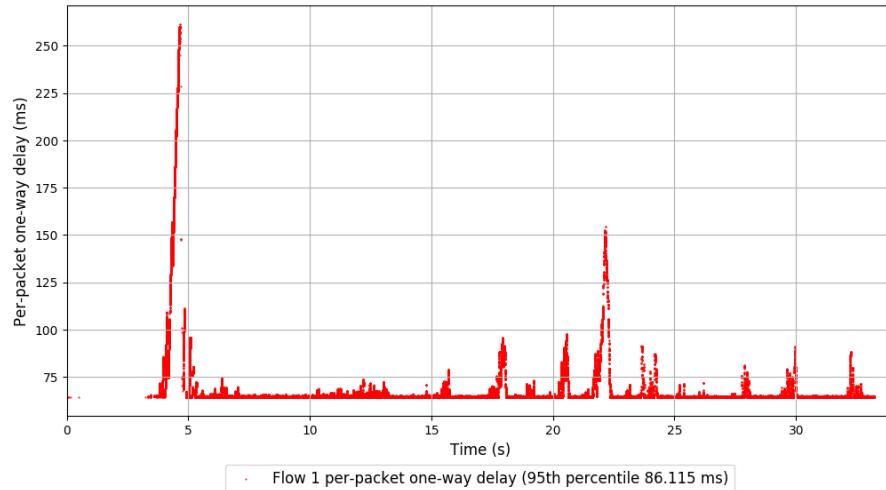
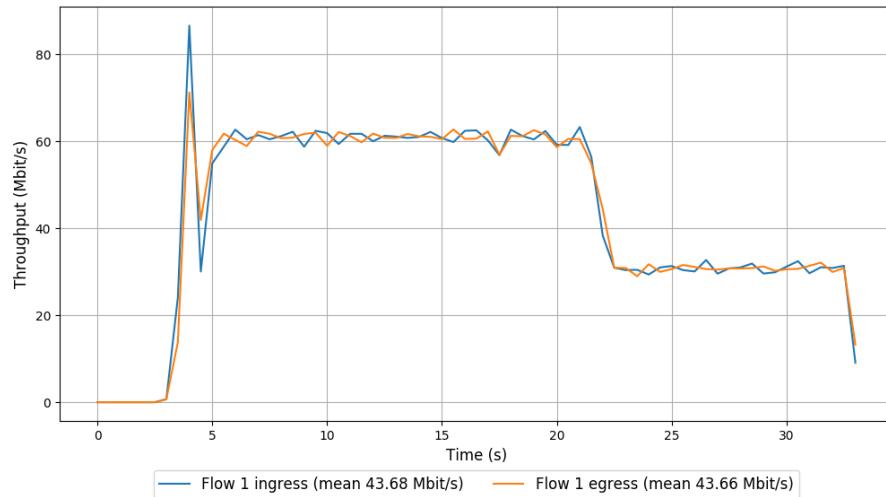


Run 3: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 19:40:15 +0000
End at: Thu, 29 Jun 2017 19:40:45 +0000
Local clock offset: 0.131 ms
Remote clock offset: -5.299 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:14:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.66 Mbit/s
95th percentile per-packet one-way delay: 86.115 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 43.66 Mbit/s
95th percentile per-packet one-way delay: 86.115 ms
Loss rate: 0.09%
```

Run 3: Report of TCP Vegas — Data Link

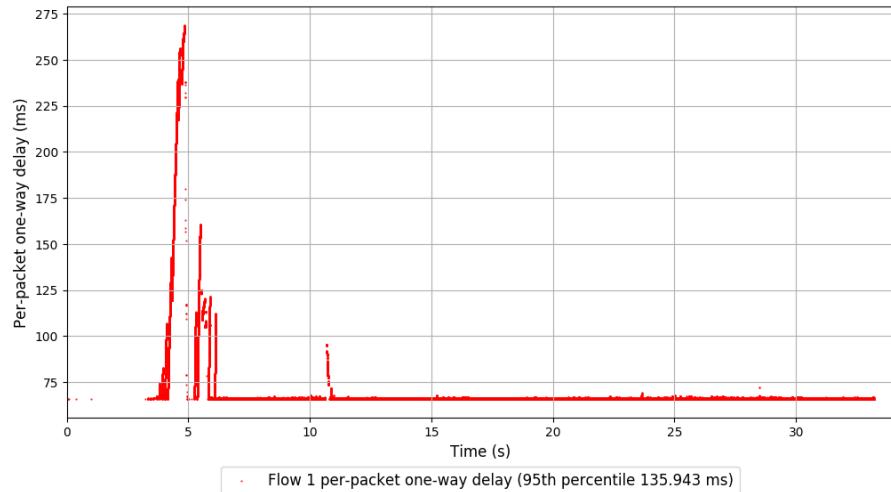
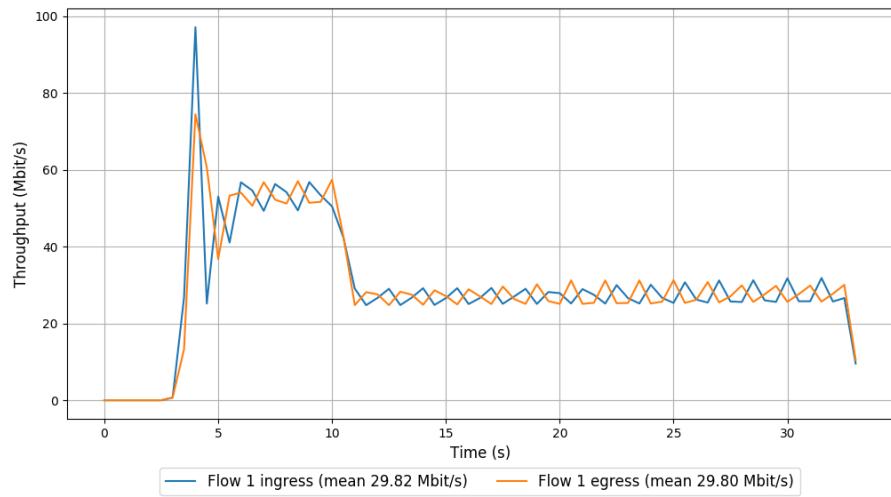


Run 4: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 19:57:39 +0000
End at: Thu, 29 Jun 2017 19:58:09 +0000
Local clock offset: 0.38 ms
Remote clock offset: -8.063 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:14:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.80 Mbit/s
95th percentile per-packet one-way delay: 135.943 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 29.80 Mbit/s
95th percentile per-packet one-way delay: 135.943 ms
Loss rate: 0.07%
```

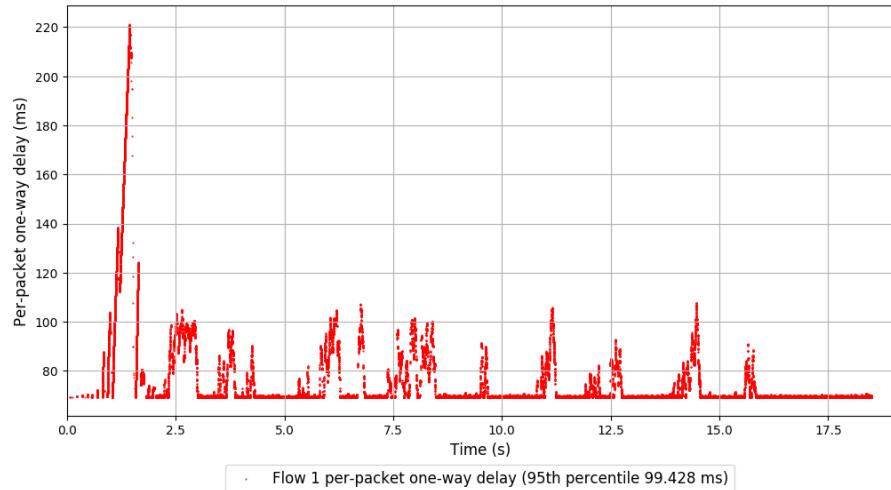
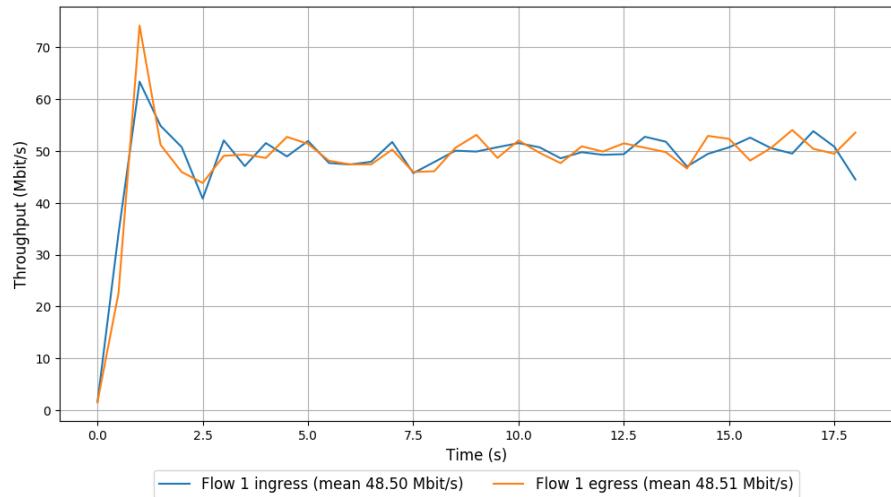
Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: Thu, 29 Jun 2017 20:15:14 +0000
End at: Thu, 29 Jun 2017 20:15:44 +0000
Local clock offset: 0.499 ms
Remote clock offset: -11.067 ms

Run 5: Report of TCP Vegas — Data Link

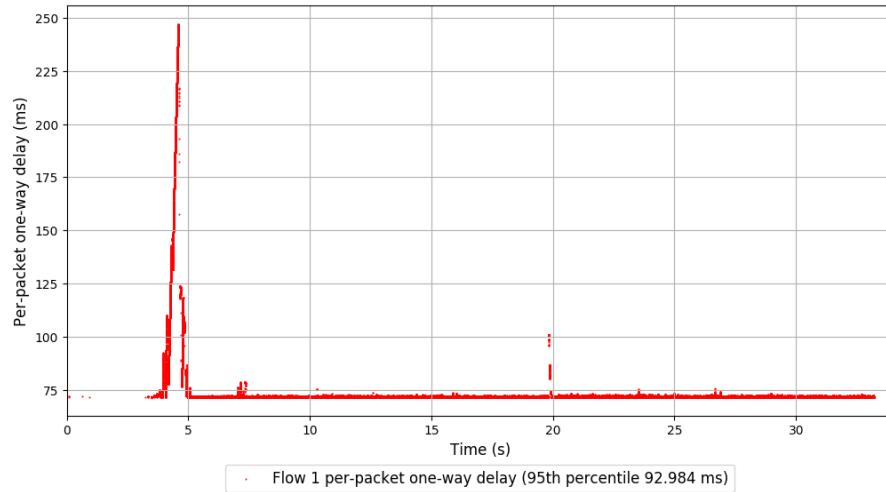
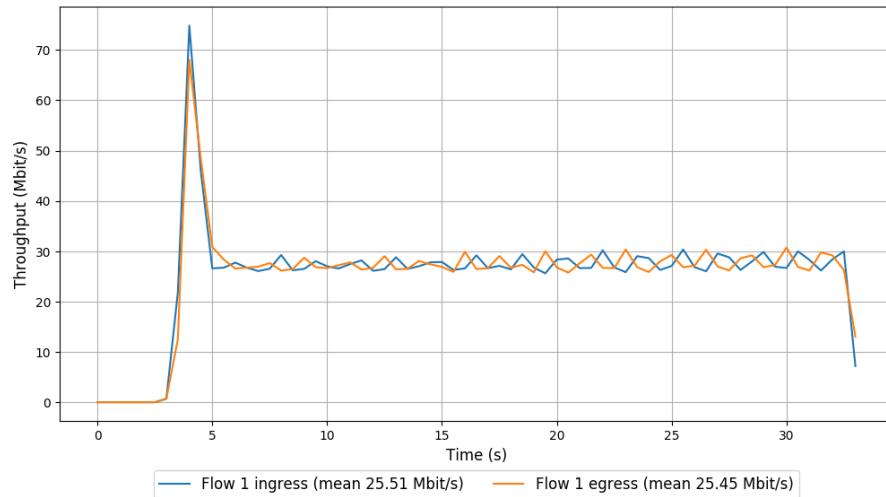


Run 6: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 20:32:30 +0000
End at: Thu, 29 Jun 2017 20:33:00 +0000
Local clock offset: 0.691 ms
Remote clock offset: -12.297 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:14:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.45 Mbit/s
95th percentile per-packet one-way delay: 92.984 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 25.45 Mbit/s
95th percentile per-packet one-way delay: 92.984 ms
Loss rate: 0.28%
```

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

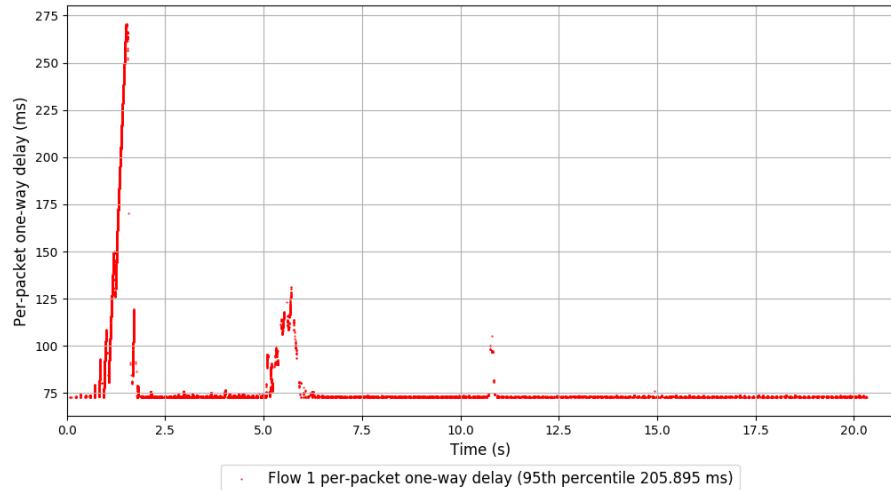
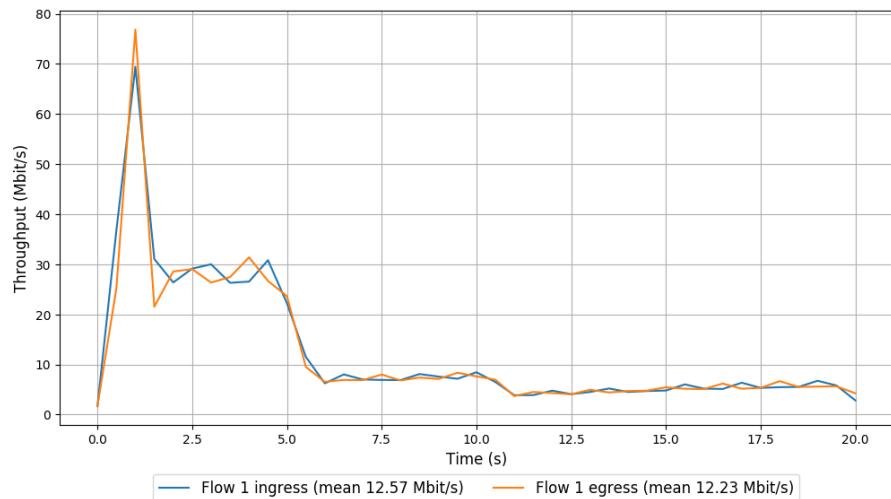
Start at: Thu, 29 Jun 2017 20:49:52 +0000

End at: Thu, 29 Jun 2017 20:50:22 +0000

Local clock offset: 0.679 ms

Remote clock offset: -13.928 ms

Run 7: Report of TCP Vegas — Data Link

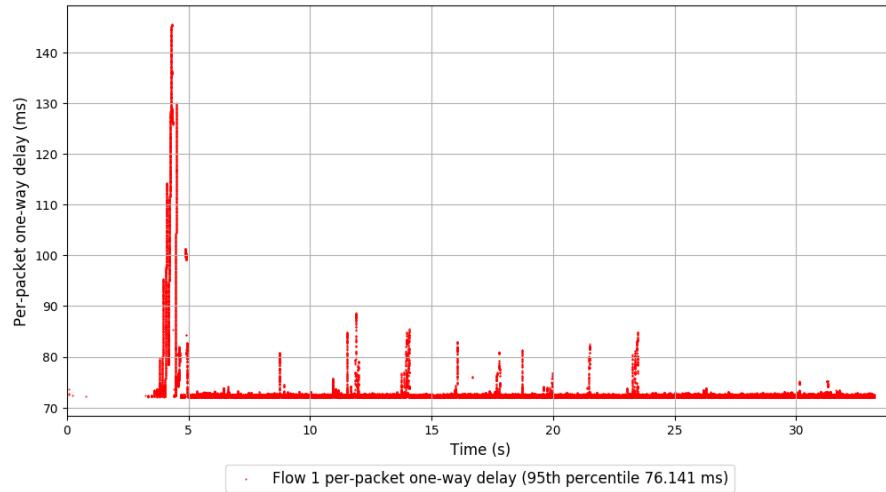
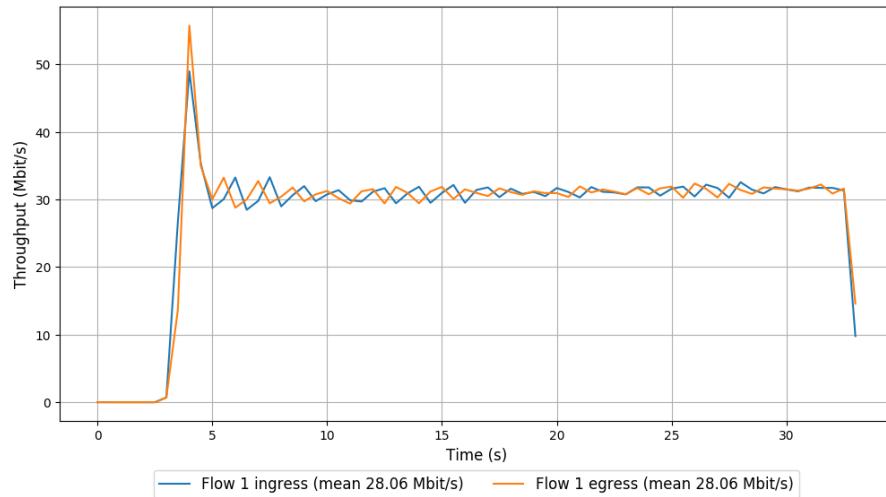


Run 8: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 21:07:15 +0000
End at: Thu, 29 Jun 2017 21:07:45 +0000
Local clock offset: 0.703 ms
Remote clock offset: -14.532 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:14:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.06 Mbit/s
95th percentile per-packet one-way delay: 76.141 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 28.06 Mbit/s
95th percentile per-packet one-way delay: 76.141 ms
Loss rate: 0.01%
```

Run 8: Report of TCP Vegas — Data Link

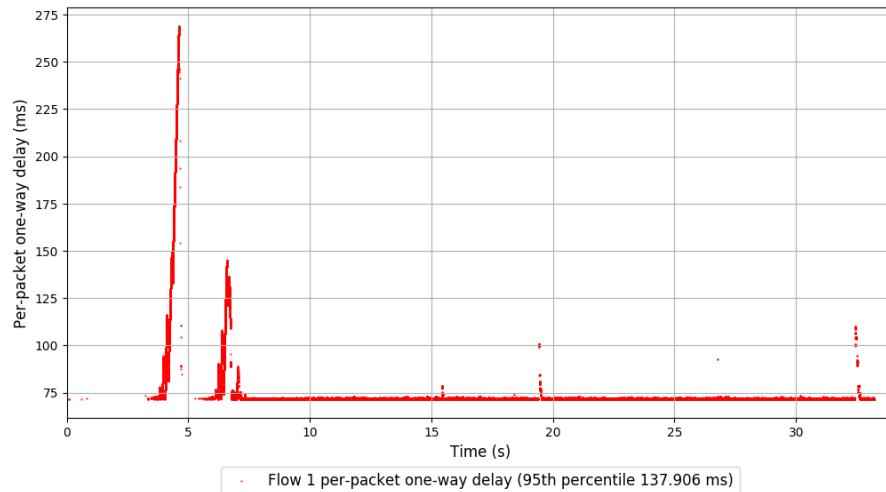
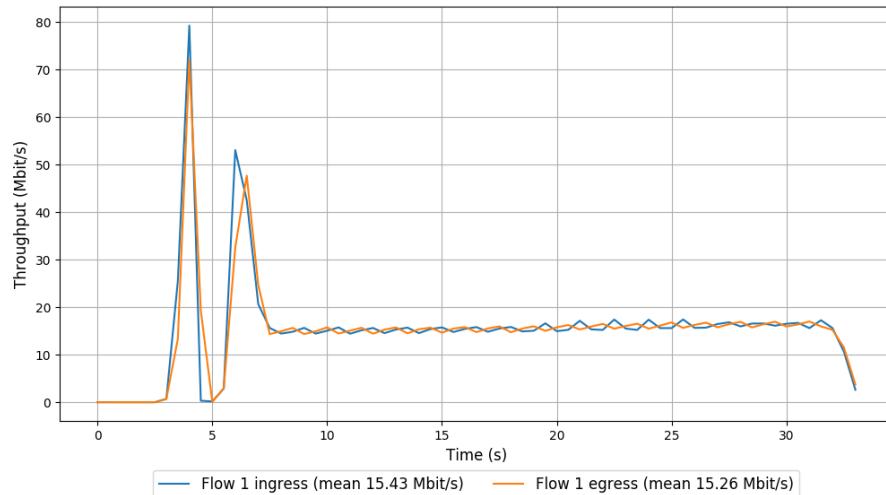


Run 9: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 21:24:30 +0000
End at: Thu, 29 Jun 2017 21:25:00 +0000
Local clock offset: 0.68 ms
Remote clock offset: -13.924 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:14:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.26 Mbit/s
95th percentile per-packet one-way delay: 137.906 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 15.26 Mbit/s
95th percentile per-packet one-way delay: 137.906 ms
Loss rate: 1.08%
```

Run 9: Report of TCP Vegas — Data Link

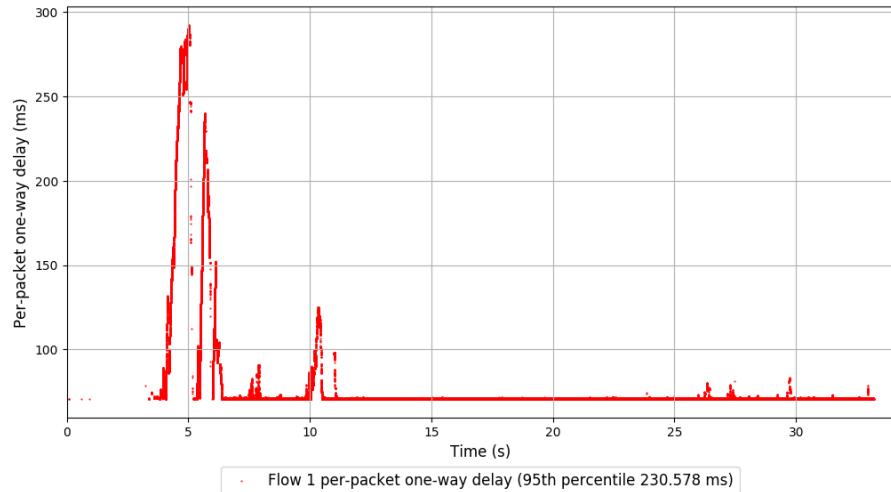
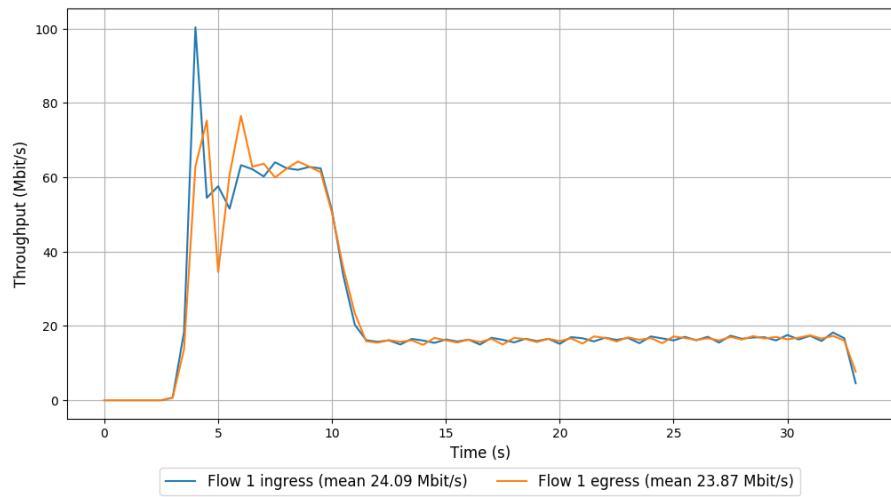


Run 10: Statistics of TCP Vegas

```
Start at: Thu, 29 Jun 2017 21:41:39 +0000
End at: Thu, 29 Jun 2017 21:42:09 +0000
Local clock offset: 0.596 ms
Remote clock offset: -12.149 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:14:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.87 Mbit/s
95th percentile per-packet one-way delay: 230.578 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 23.87 Mbit/s
95th percentile per-packet one-way delay: 230.578 ms
Loss rate: 0.91%
```

Run 10: Report of TCP Vegas — Data Link

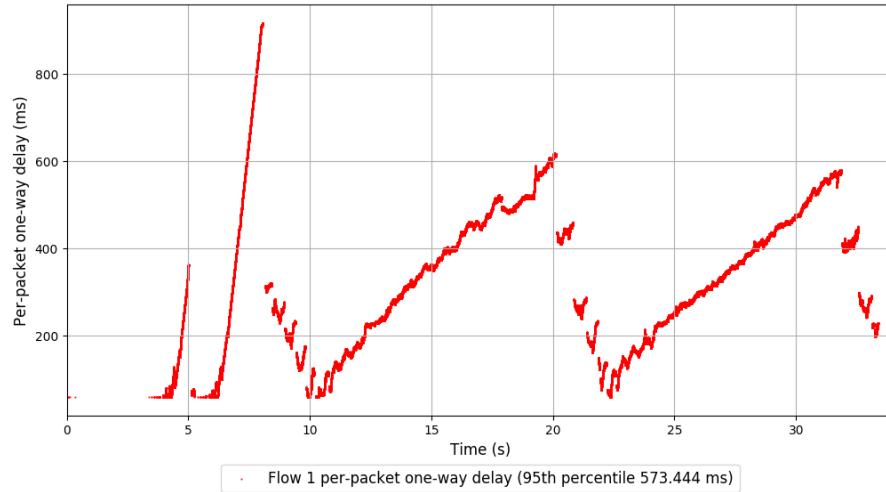
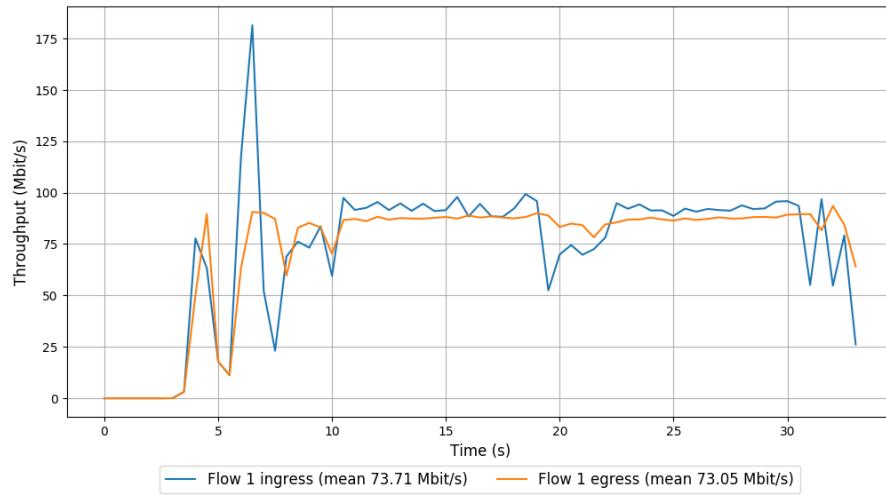


Run 1: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 19:02:48 +0000
End at: Thu, 29 Jun 2017 19:03:18 +0000
Local clock offset: -0.199 ms
Remote clock offset: -1.626 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:14:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.05 Mbit/s
95th percentile per-packet one-way delay: 573.444 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 73.05 Mbit/s
95th percentile per-packet one-way delay: 573.444 ms
Loss rate: 0.39%
```

Run 1: Report of Verus — Data Link

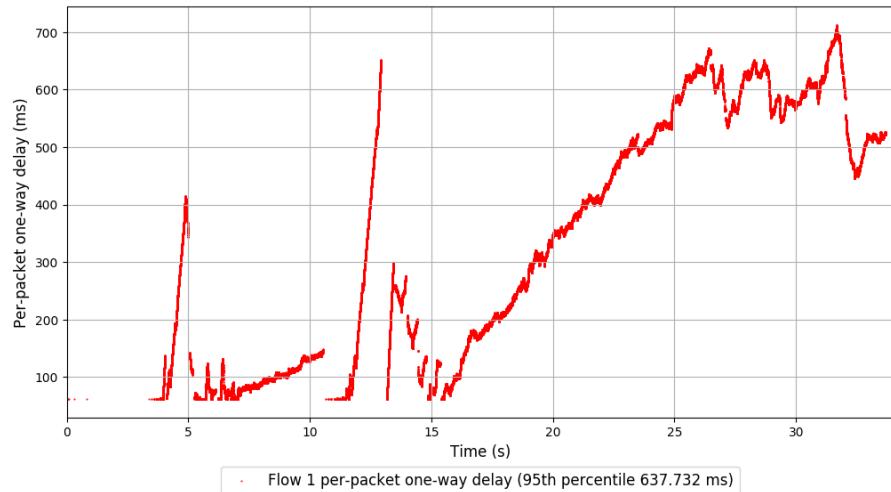
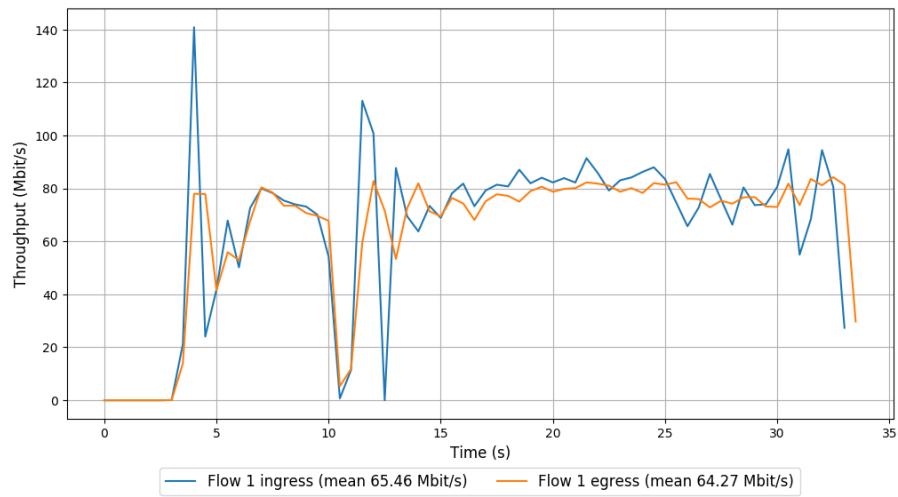


Run 2: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 19:20:23 +0000
End at: Thu, 29 Jun 2017 19:20:53 +0000
Local clock offset: -0.002 ms
Remote clock offset: -3.511 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:14:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.27 Mbit/s
95th percentile per-packet one-way delay: 637.732 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 64.27 Mbit/s
95th percentile per-packet one-way delay: 637.732 ms
Loss rate: 0.44%
```

Run 2: Report of Verus — Data Link

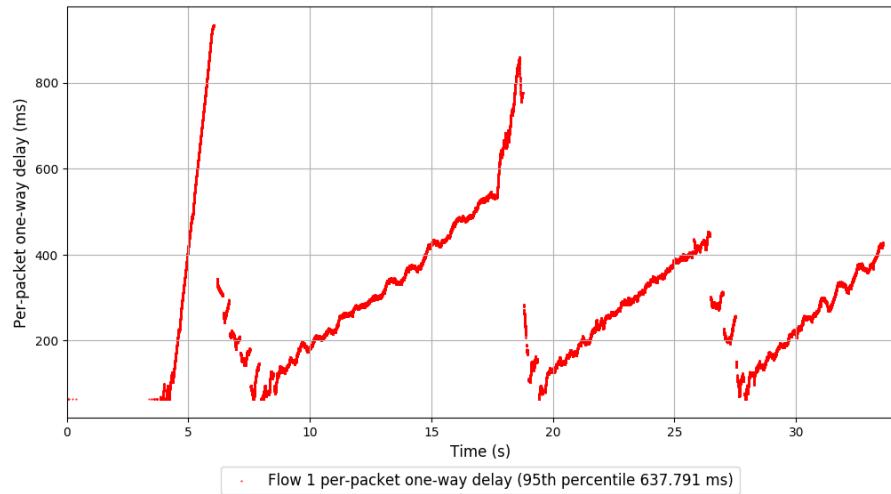
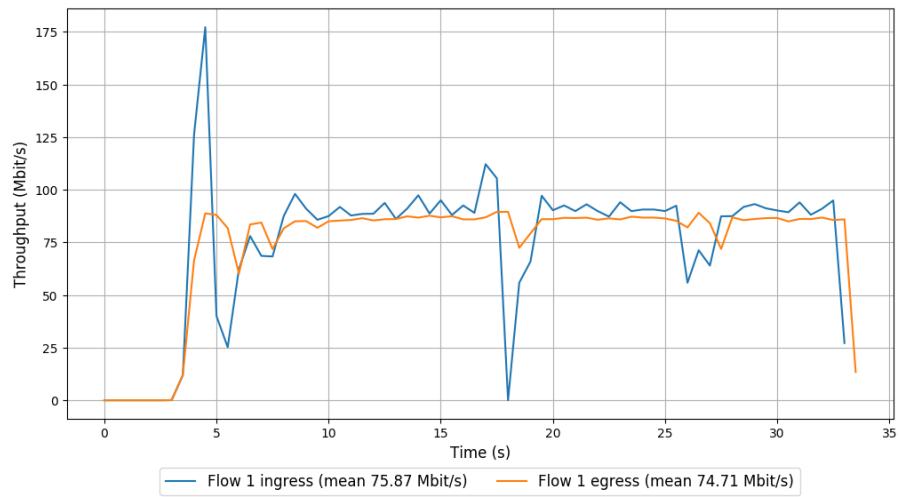


Run 3: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 19:37:54 +0000
End at: Thu, 29 Jun 2017 19:38:24 +0000
Local clock offset: 0.112 ms
Remote clock offset: -5.149 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:14:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.71 Mbit/s
95th percentile per-packet one-way delay: 637.791 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 74.71 Mbit/s
95th percentile per-packet one-way delay: 637.791 ms
Loss rate: 0.45%
```

Run 3: Report of Verus — Data Link

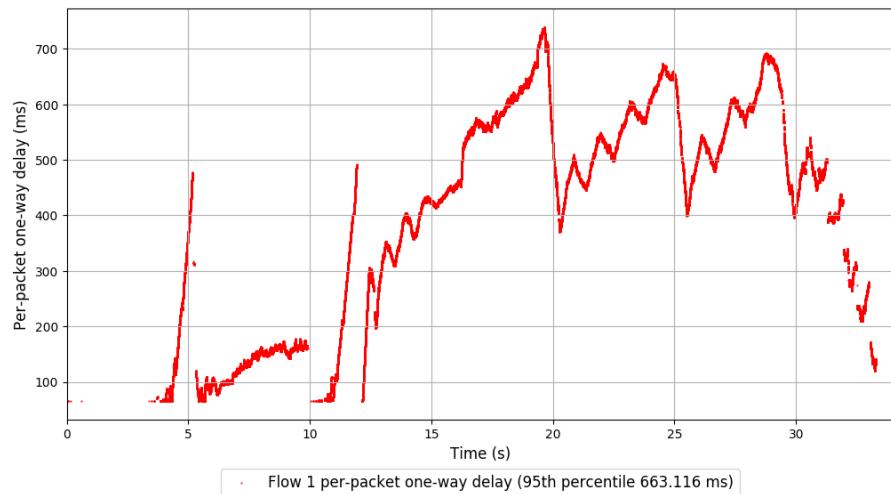
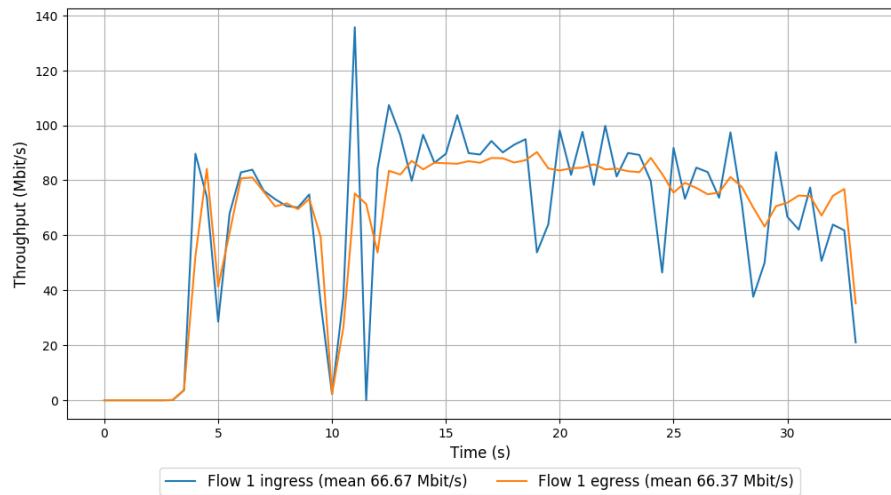


Run 4: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 19:55:19 +0000
End at: Thu, 29 Jun 2017 19:55:49 +0000
Local clock offset: 0.38 ms
Remote clock offset: -7.774 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:14:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.37 Mbit/s
95th percentile per-packet one-way delay: 663.116 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 66.37 Mbit/s
95th percentile per-packet one-way delay: 663.116 ms
Loss rate: 0.22%
```

Run 4: Report of Verus — Data Link

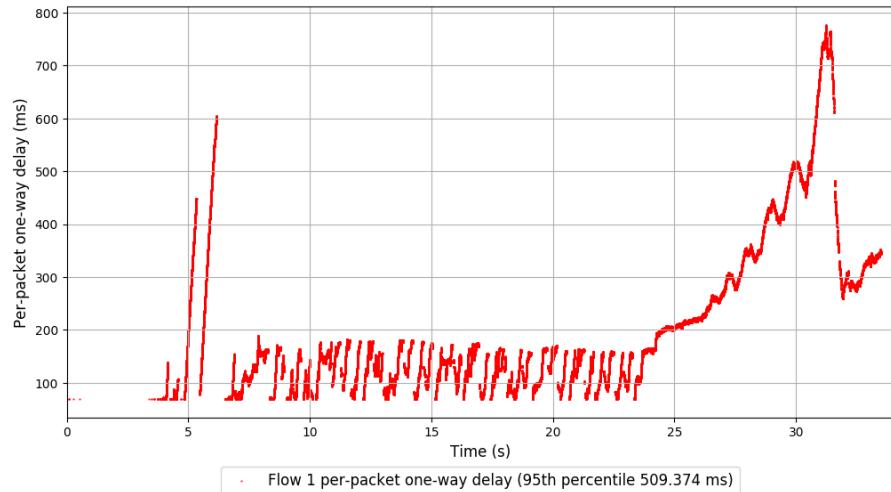
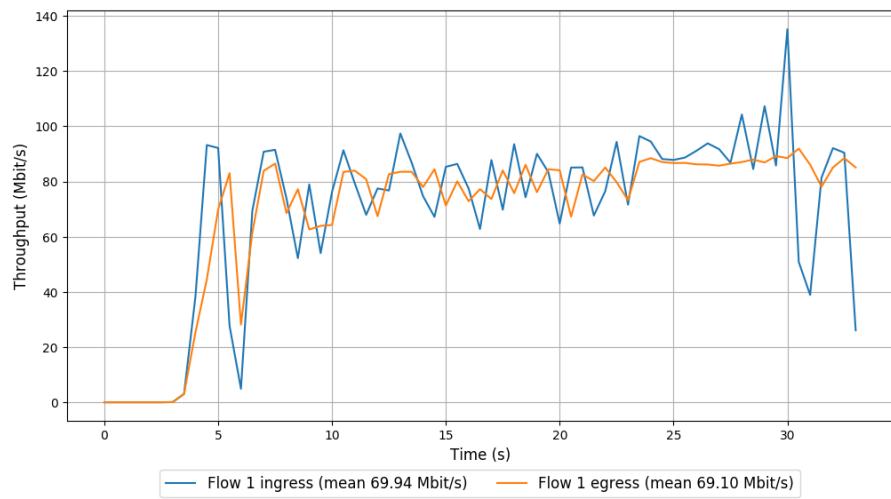


Run 5: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 20:12:48 +0000
End at: Thu, 29 Jun 2017 20:13:18 +0000
Local clock offset: 0.58 ms
Remote clock offset: -10.696 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:15:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.10 Mbit/s
95th percentile per-packet one-way delay: 509.374 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 69.10 Mbit/s
95th percentile per-packet one-way delay: 509.374 ms
Loss rate: 0.38%
```

Run 5: Report of Verus — Data Link

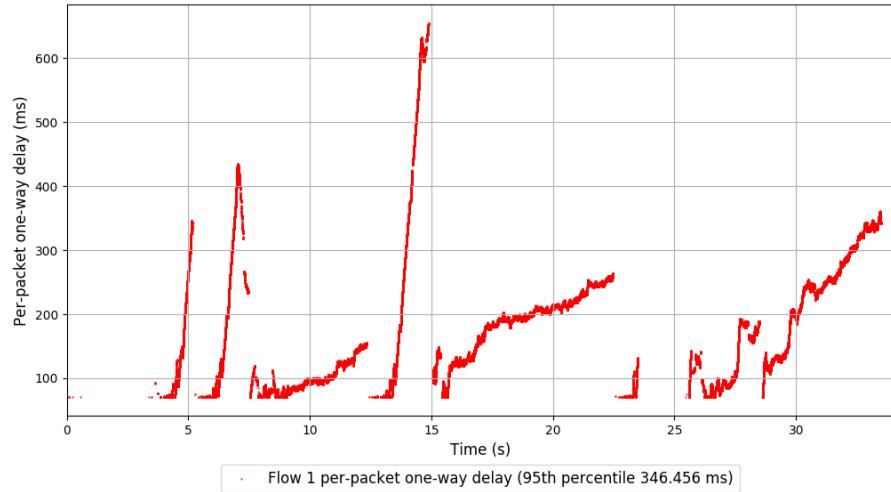
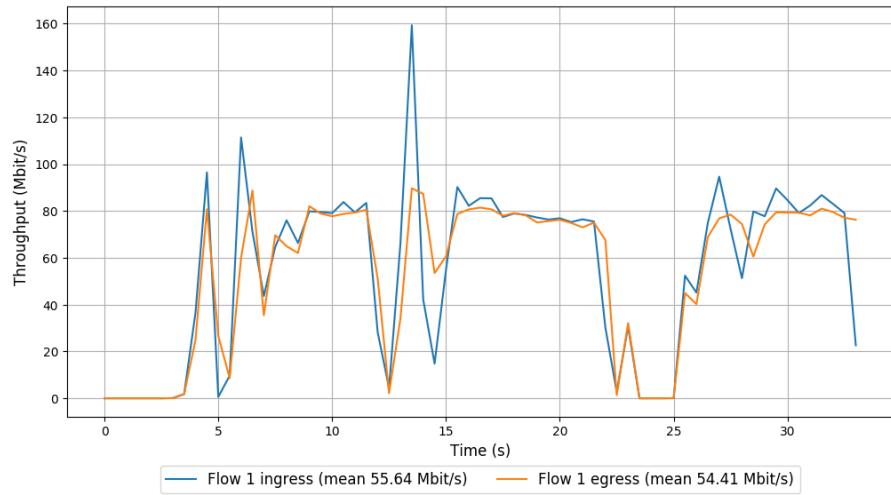


Run 6: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 20:30:11 +0000
End at: Thu, 29 Jun 2017 20:30:41 +0000
Local clock offset: 0.64 ms
Remote clock offset: -12.168 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:15:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.41 Mbit/s
95th percentile per-packet one-way delay: 346.456 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 54.41 Mbit/s
95th percentile per-packet one-way delay: 346.456 ms
Loss rate: 1.42%
```

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Thu, 29 Jun 2017 20:47:32 +0000

End at: Thu, 29 Jun 2017 20:48:02 +0000

Local clock offset: 0.797 ms

Remote clock offset: -13.403 ms

Below is generated by plot.py at Fri, 30 Jun 2017 01:15:15 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 56.79 Mbit/s

95th percentile per-packet one-way delay: 501.684 ms

Loss rate: 3.08%

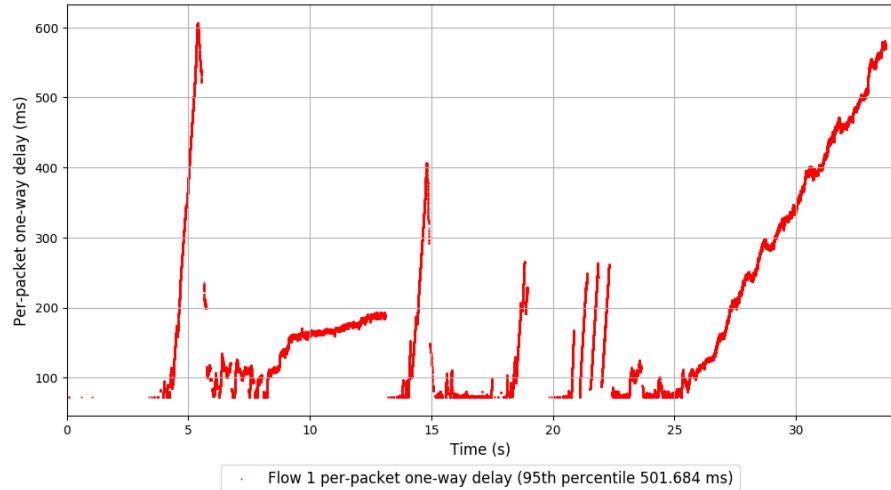
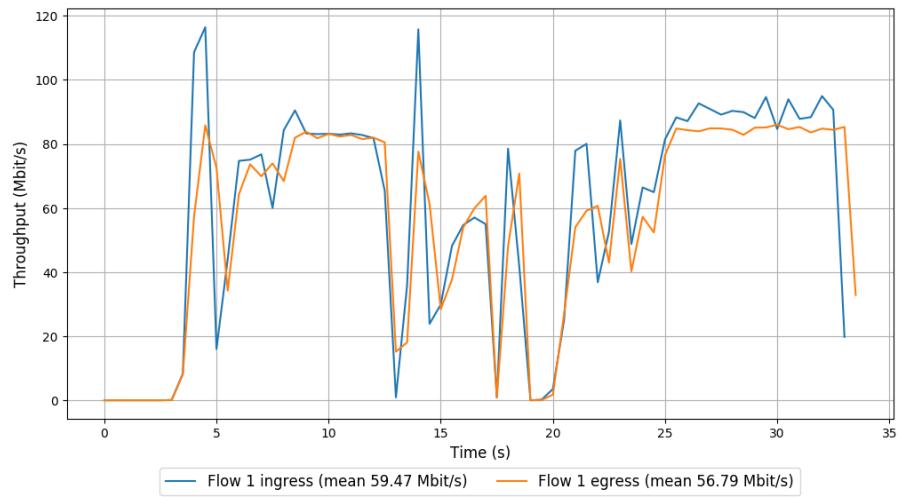
-- Flow 1:

Average throughput: 56.79 Mbit/s

95th percentile per-packet one-way delay: 501.684 ms

Loss rate: 3.08%

Run 7: Report of Verus — Data Link

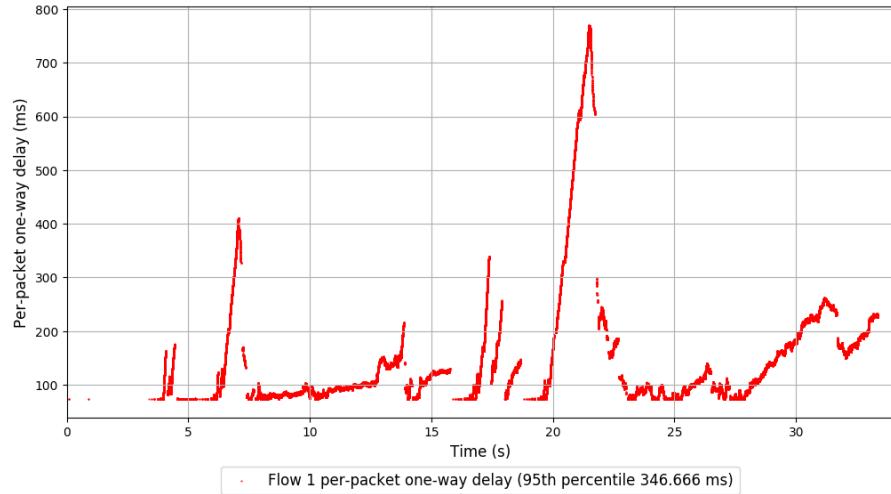
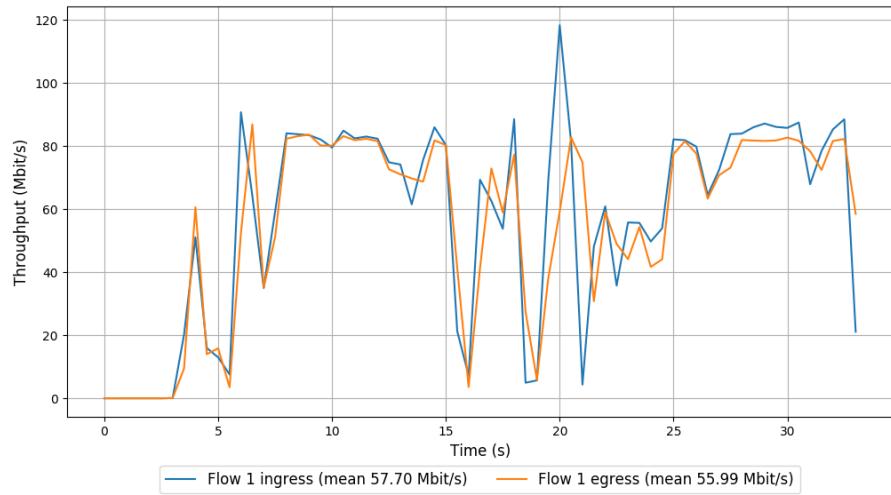


Run 8: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 21:04:50 +0000
End at: Thu, 29 Jun 2017 21:05:20 +0000
Local clock offset: 0.651 ms
Remote clock offset: -14.622 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:15:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.99 Mbit/s
95th percentile per-packet one-way delay: 346.666 ms
Loss rate: 2.52%
-- Flow 1:
Average throughput: 55.99 Mbit/s
95th percentile per-packet one-way delay: 346.666 ms
Loss rate: 2.52%
```

Run 8: Report of Verus — Data Link

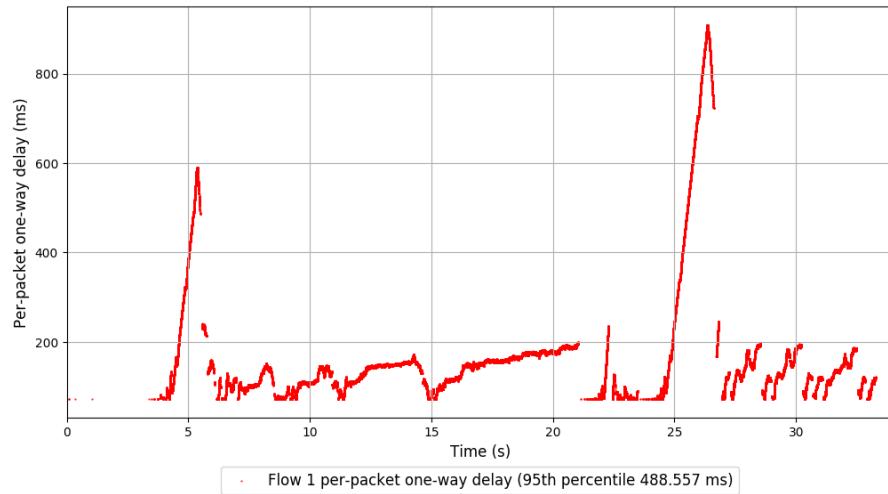
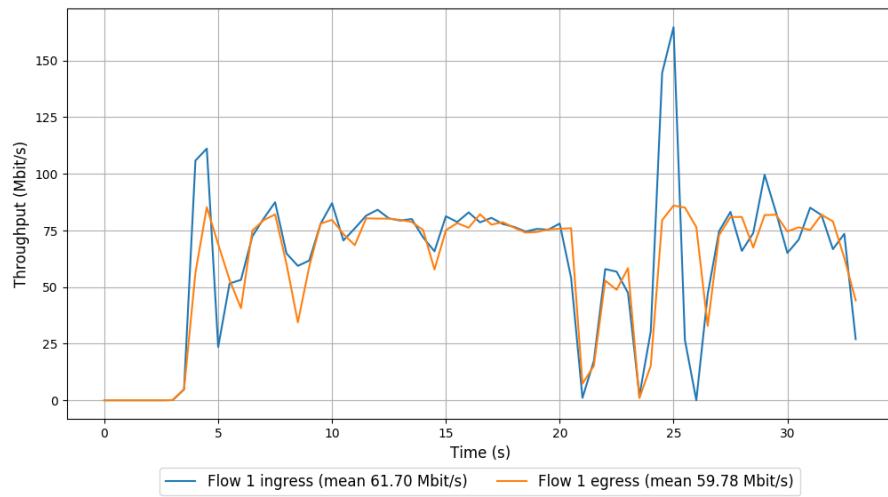


Run 9: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 21:22:06 +0000
End at: Thu, 29 Jun 2017 21:22:36 +0000
Local clock offset: 0.607 ms
Remote clock offset: -14.227 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:15:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.78 Mbit/s
95th percentile per-packet one-way delay: 488.557 ms
Loss rate: 2.97%
-- Flow 1:
Average throughput: 59.78 Mbit/s
95th percentile per-packet one-way delay: 488.557 ms
Loss rate: 2.97%
```

Run 9: Report of Verus — Data Link

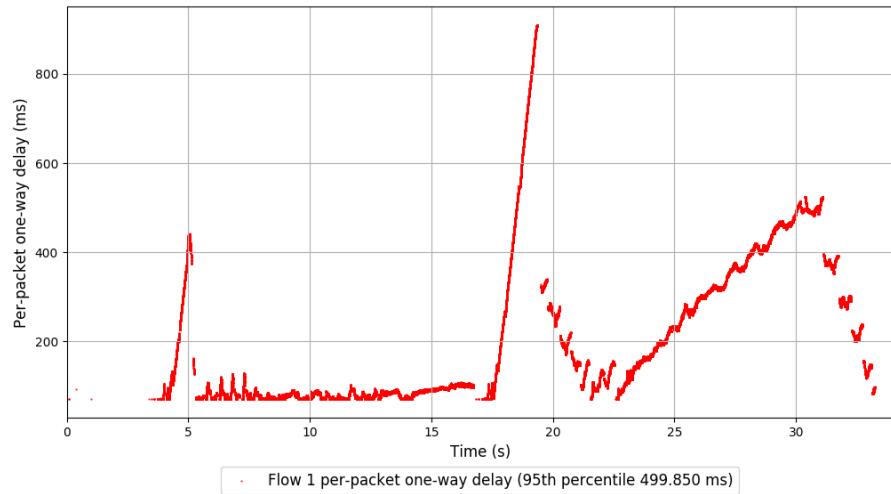
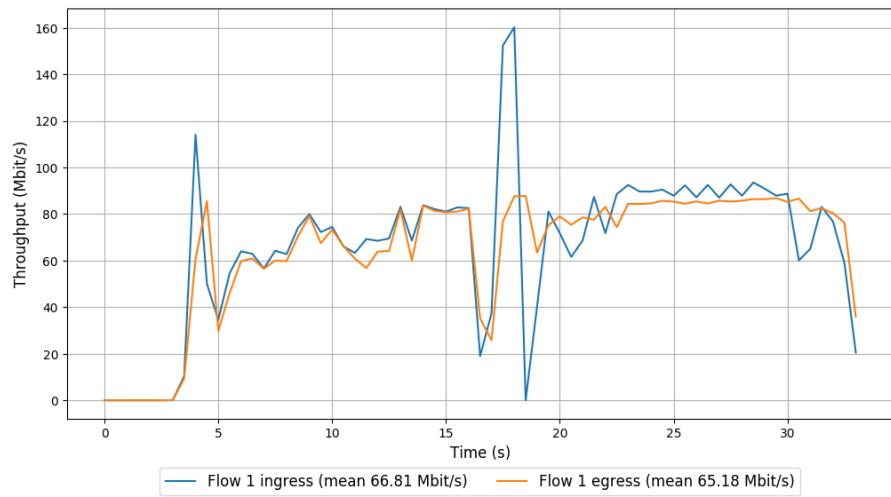


Run 10: Statistics of Verus

```
Start at: Thu, 29 Jun 2017 21:39:19 +0000
End at: Thu, 29 Jun 2017 21:39:50 +0000
Local clock offset: 0.689 ms
Remote clock offset: -12.316 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:15:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.18 Mbit/s
95th percentile per-packet one-way delay: 499.850 ms
Loss rate: 2.38%
-- Flow 1:
Average throughput: 65.18 Mbit/s
95th percentile per-packet one-way delay: 499.850 ms
Loss rate: 2.38%
```

Run 10: Report of Verus — Data Link

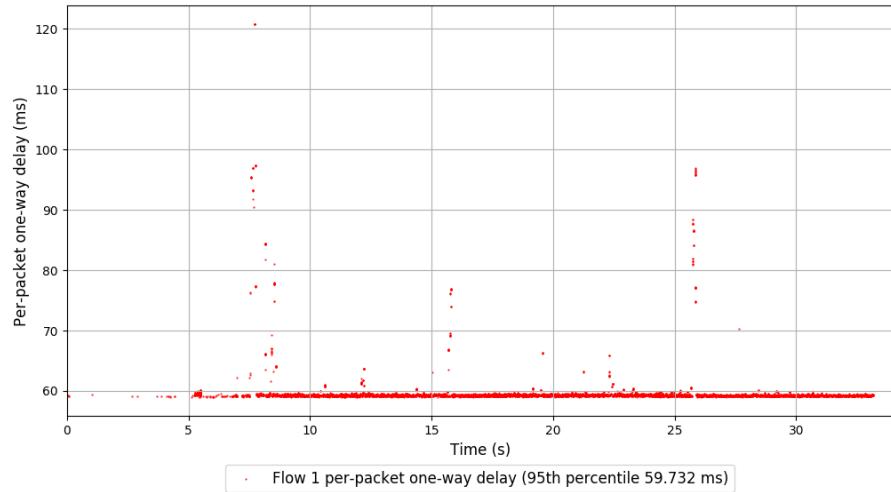
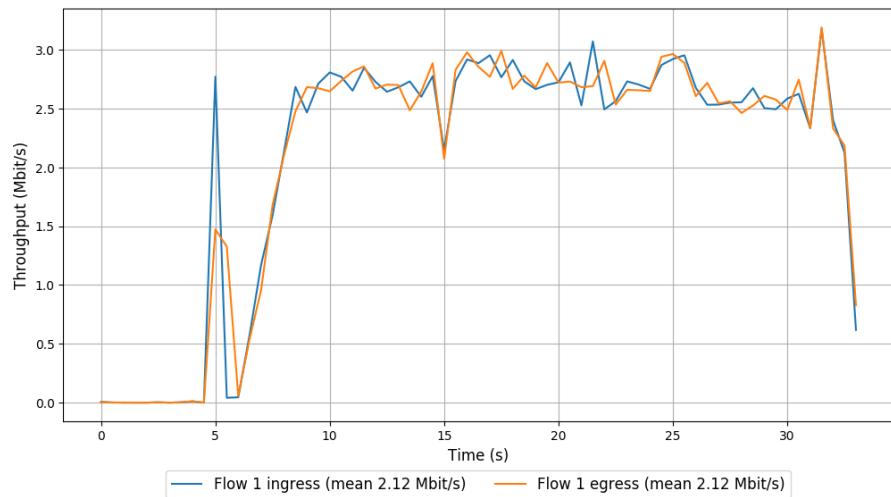


```
Run 1: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 19:01:41 +0000
End at: Thu, 29 Jun 2017 19:02:11 +0000
Local clock offset: -0.279 ms
Remote clock offset: -1.85 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:15:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.12 Mbit/s
95th percentile per-packet one-way delay: 59.732 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.12 Mbit/s
95th percentile per-packet one-way delay: 59.732 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

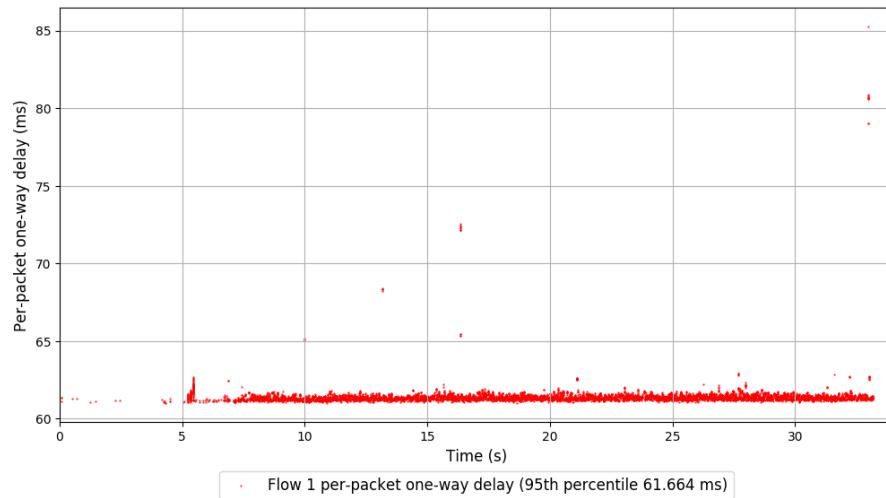
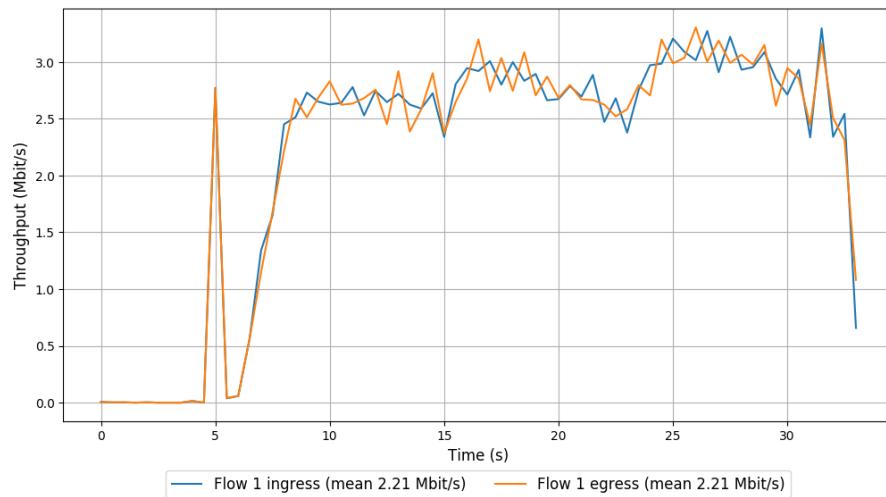


Run 2: Statistics of WebRTC media

```
Start at: Thu, 29 Jun 2017 19:19:17 +0000
End at: Thu, 29 Jun 2017 19:19:47 +0000
Local clock offset: -0.066 ms
Remote clock offset: -3.751 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:15:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 61.664 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 61.664 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

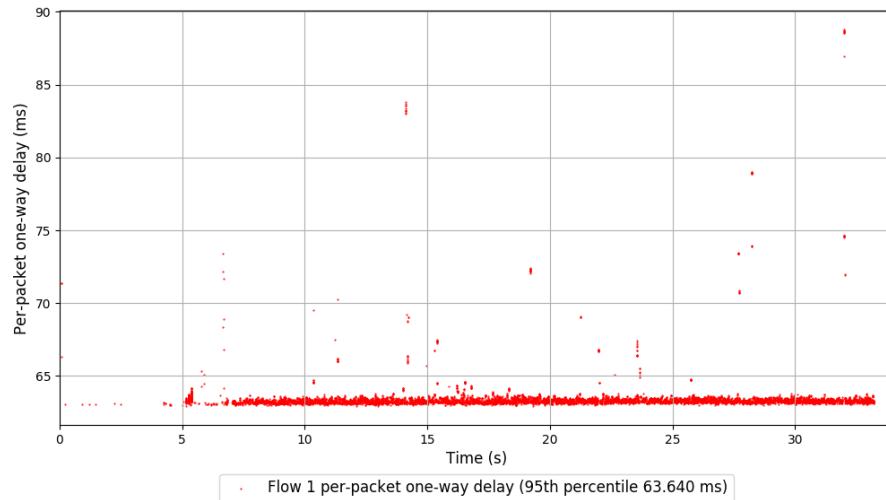
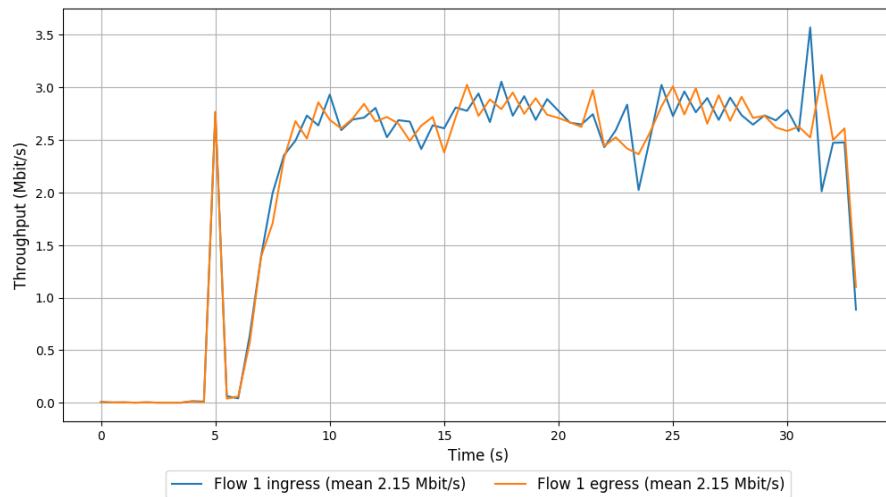


```
Run 3: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 19:36:48 +0000
End at: Thu, 29 Jun 2017 19:37:18 +0000
Local clock offset: 0.135 ms
Remote clock offset: -4.922 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:15:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 63.640 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 63.640 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

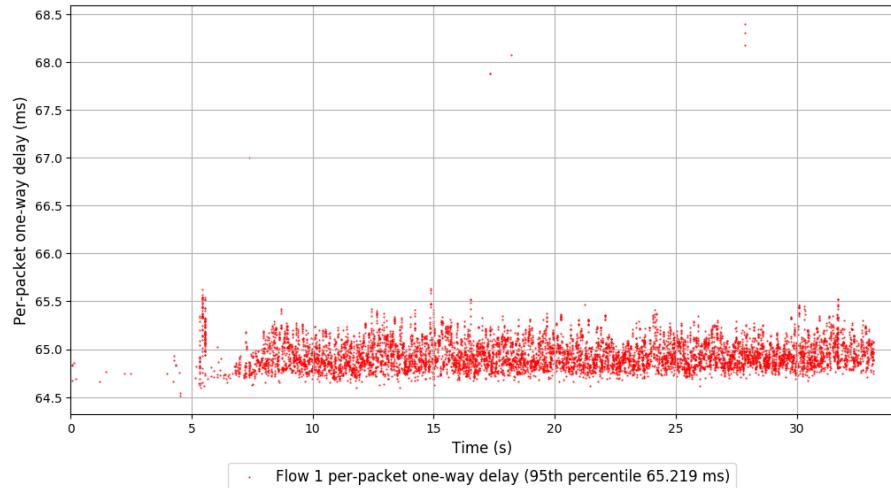
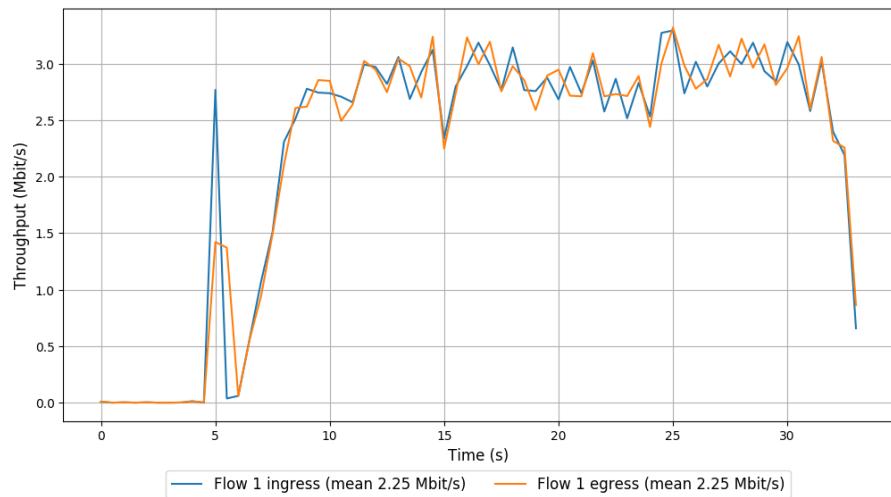


Run 4: Statistics of WebRTC media

```
Start at: Thu, 29 Jun 2017 19:54:13 +0000
End at: Thu, 29 Jun 2017 19:54:43 +0000
Local clock offset: 0.327 ms
Remote clock offset: -7.453 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:15:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 65.219 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 65.219 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

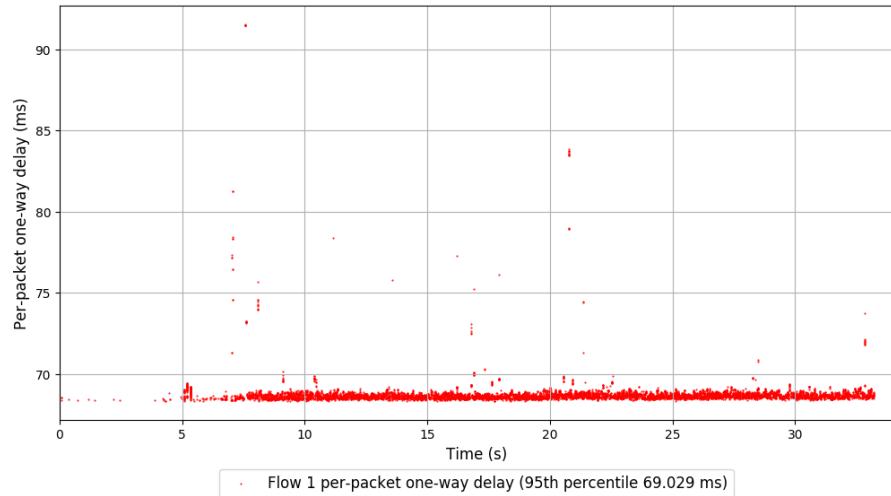
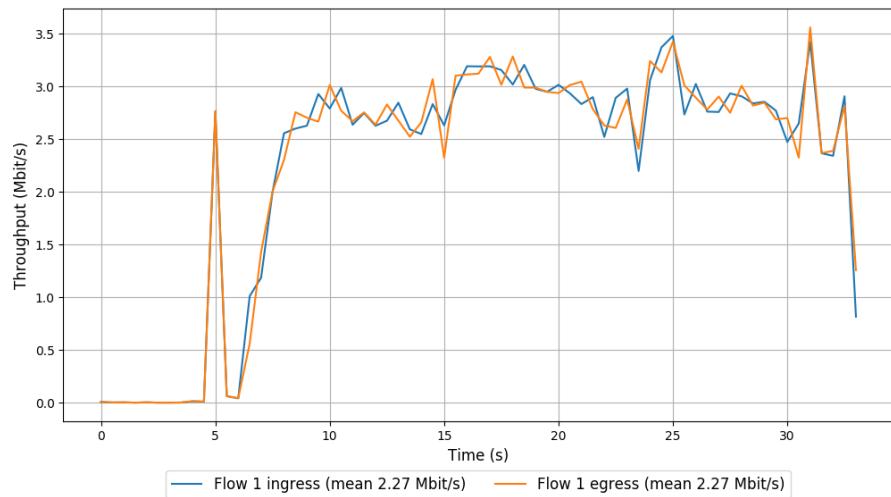


```
Run 5: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 20:11:42 +0000
End at: Thu, 29 Jun 2017 20:12:12 +0000
Local clock offset: 0.565 ms
Remote clock offset: -10.27 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:15:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 69.029 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 69.029 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

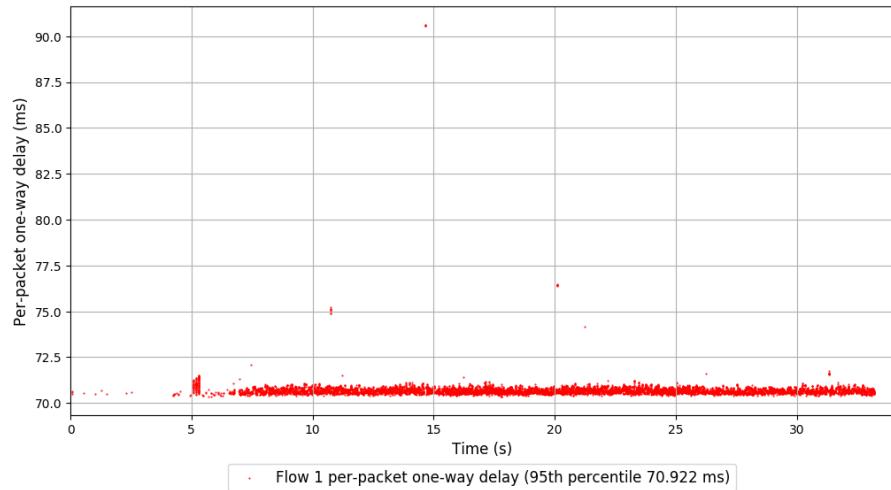
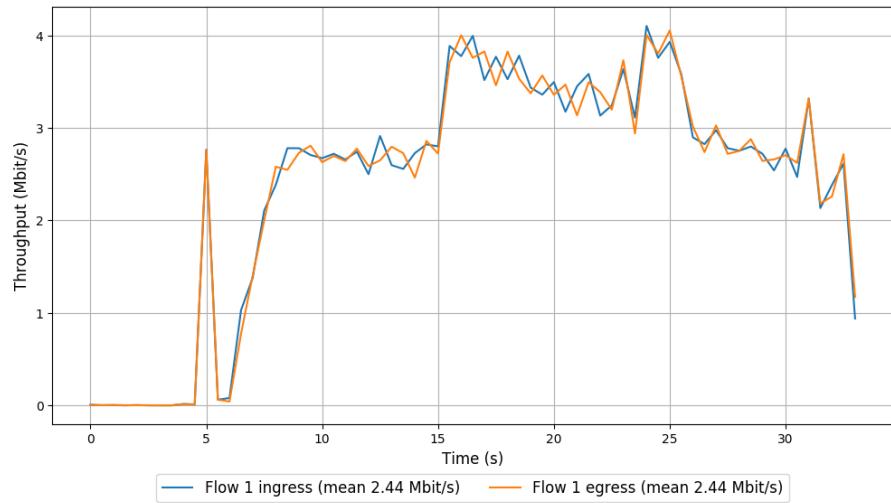


```
Run 6: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 20:29:05 +0000
End at: Thu, 29 Jun 2017 20:29:35 +0000
Local clock offset: 0.716 ms
Remote clock offset: -12.839 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:15:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.44 Mbit/s
95th percentile per-packet one-way delay: 70.922 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 2.44 Mbit/s
95th percentile per-packet one-way delay: 70.922 ms
Loss rate: 0.06%
```

Run 6: Report of WebRTC media — Data Link

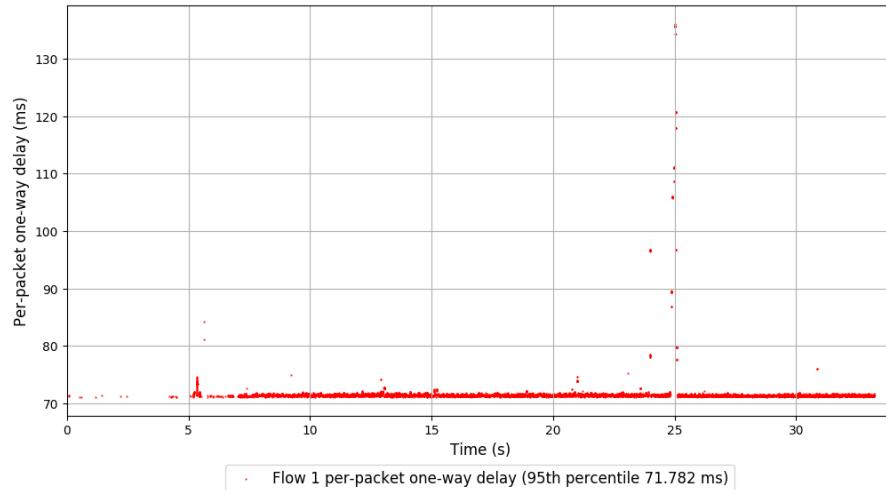
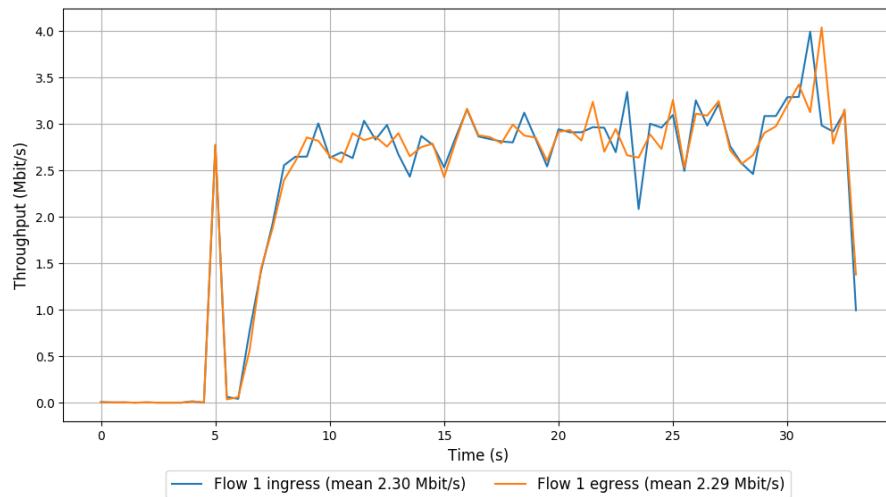


Run 7: Statistics of WebRTC media

```
Start at: Thu, 29 Jun 2017 20:46:26 +0000
End at: Thu, 29 Jun 2017 20:46:56 +0000
Local clock offset: 0.675 ms
Remote clock offset: -13.378 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:15:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 71.782 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 71.782 ms
Loss rate: 0.10%
```

Run 7: Report of WebRTC media — Data Link

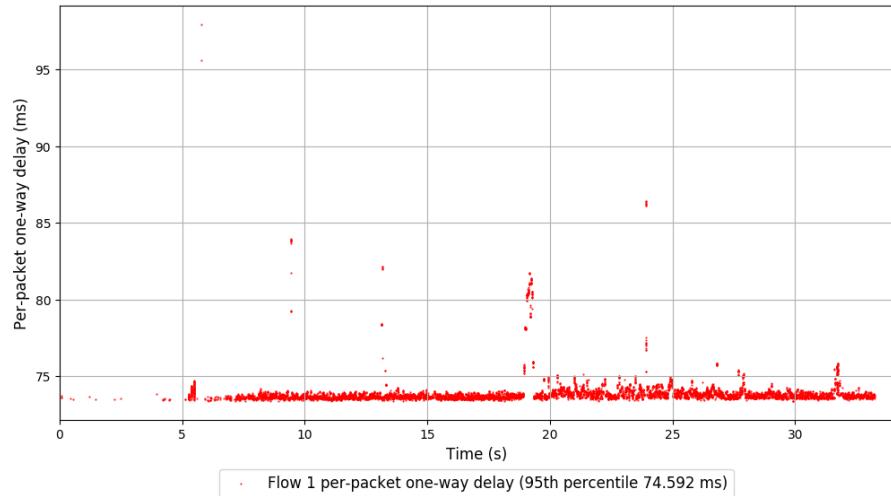
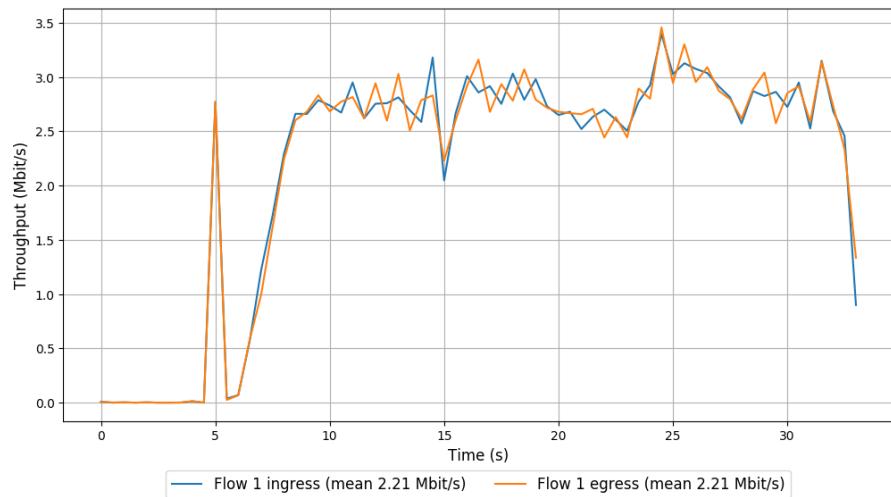


```
Run 8: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 21:03:44 +0000
End at: Thu, 29 Jun 2017 21:04:14 +0000
Local clock offset: 0.733 ms
Remote clock offset: -14.634 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:15:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 74.592 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 74.592 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

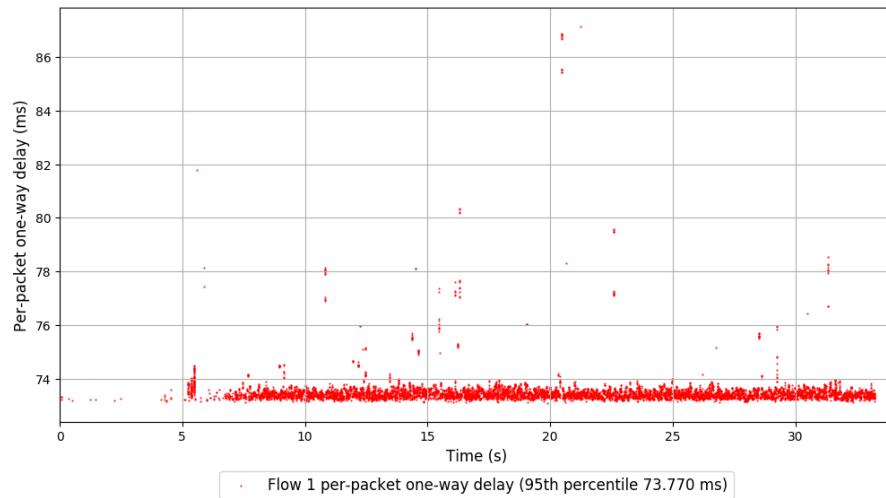
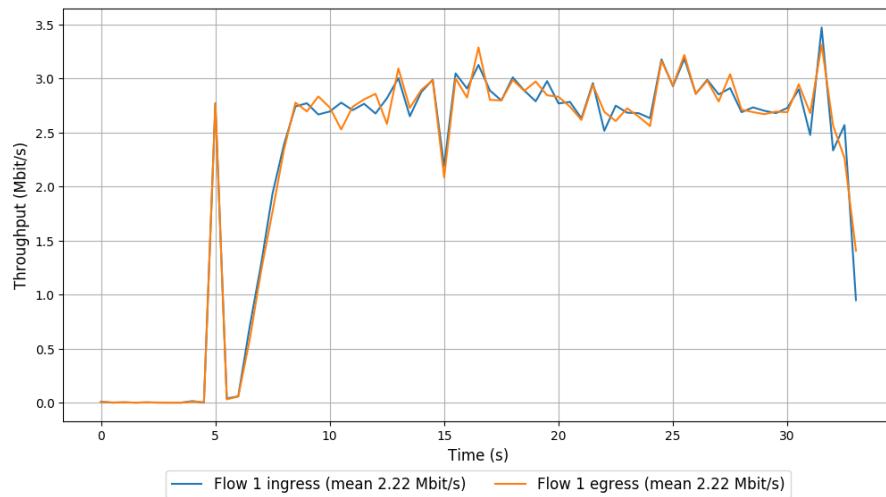


```
Run 9: Statistics of WebRTC media

Start at: Thu, 29 Jun 2017 21:20:59 +0000
End at: Thu, 29 Jun 2017 21:21:29 +0000
Local clock offset: 0.564 ms
Remote clock offset: -14.31 ms

# Below is generated by plot.py at Fri, 30 Jun 2017 01:15:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.22 Mbit/s
95th percentile per-packet one-way delay: 73.770 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.22 Mbit/s
95th percentile per-packet one-way delay: 73.770 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media
```

```
Start at: Thu, 29 Jun 2017 21:38:13 +0000
```

```
End at: Thu, 29 Jun 2017 21:38:43 +0000
```

```
Local clock offset: 0.639 ms
```

```
Remote clock offset: -12.333 ms
```

```
# Below is generated by plot.py at Fri, 30 Jun 2017 01:15:34 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 2.20 Mbit/s
```

```
95th percentile per-packet one-way delay: 71.693 ms
```

```
Loss rate: 0.00%
```

```
-- Flow 1:
```

```
Average throughput: 2.20 Mbit/s
```

```
95th percentile per-packet one-way delay: 71.693 ms
```

```
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

