

Pantheon Summary (Generated at Fri, 23 Jun 2017 23:50:34 +0000 with
pantheon version f1f579919e2382b18c1fb18b676e821e7efc0b62)

Repeated the test of 15 congestion control schemes 10 times.

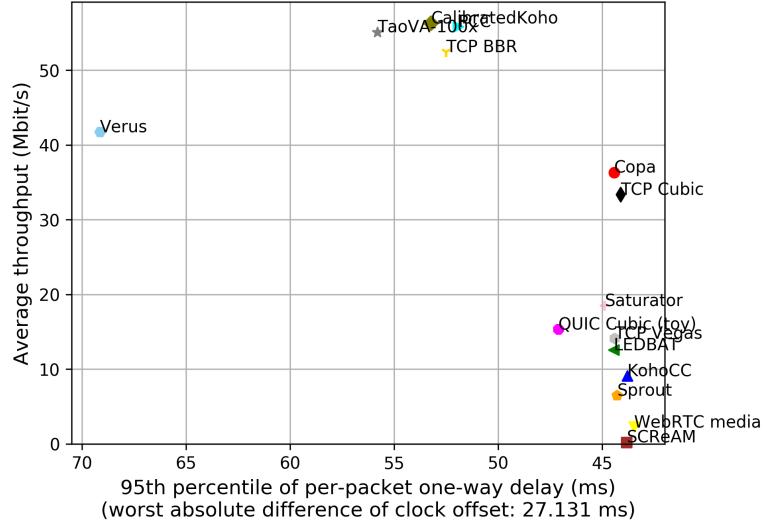
Each test lasted for 30 seconds running 1 flow.

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

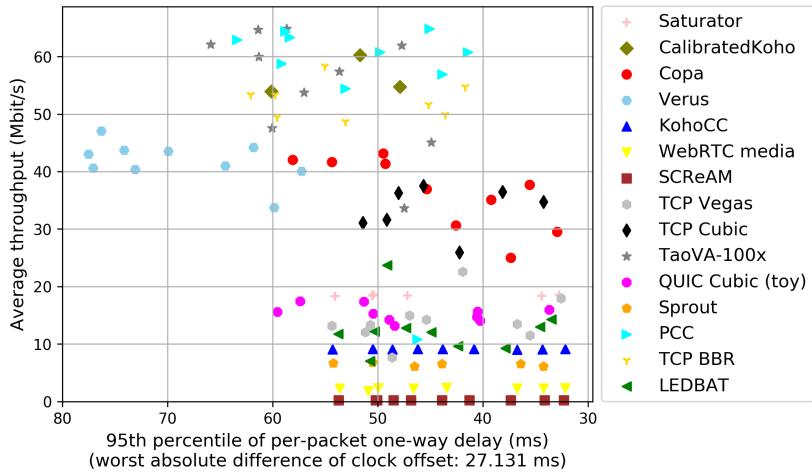
NTP offset measured against gps.ntp.br.

```
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
```

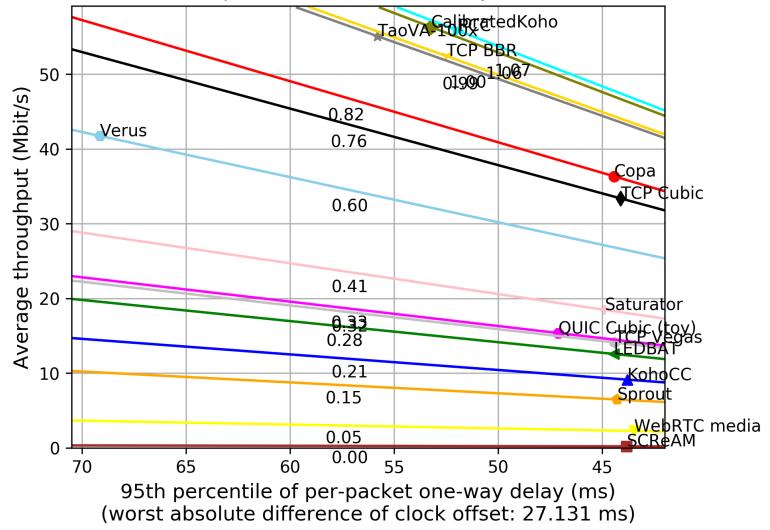
test from Colombia Ethernet to AWS Brazil 2 Ethernet, 10 runs of 30s each per scheme
mean of all runs by scheme



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



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

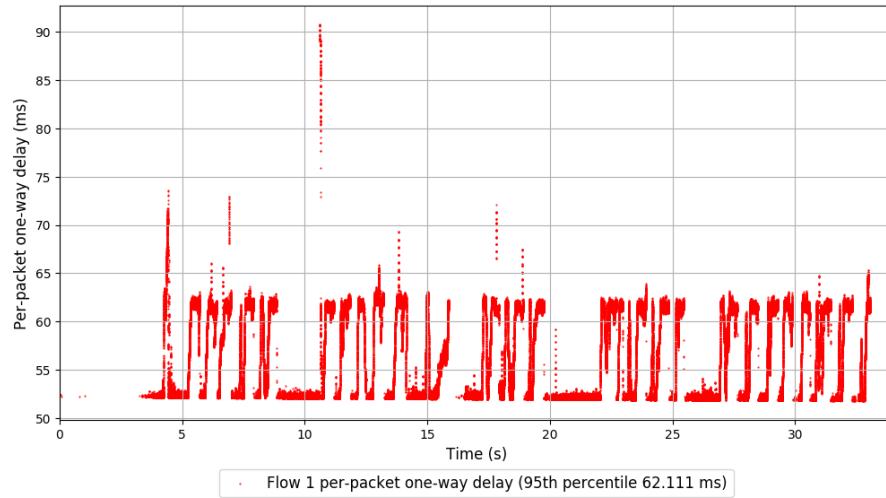
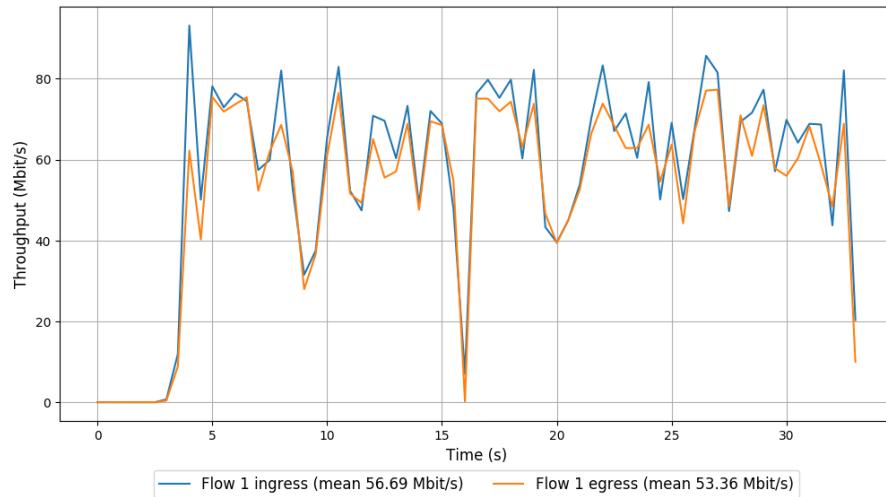


```
Run 1: Statistics of TCP BBR
```

```
Start at: Fri, 23 Jun 2017 20:22:56 +0000
End at: Fri, 23 Jun 2017 20:23:26 +0000
Local clock offset: -2.437 ms
Remote clock offset: -7.841 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:43:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.36 Mbit/s
95th percentile per-packet one-way delay: 62.111 ms
Loss rate: 6.20%
-- Flow 1:
Average throughput: 53.36 Mbit/s
95th percentile per-packet one-way delay: 62.111 ms
Loss rate: 6.20%
```

Run 1: Report of TCP BBR — Data Link

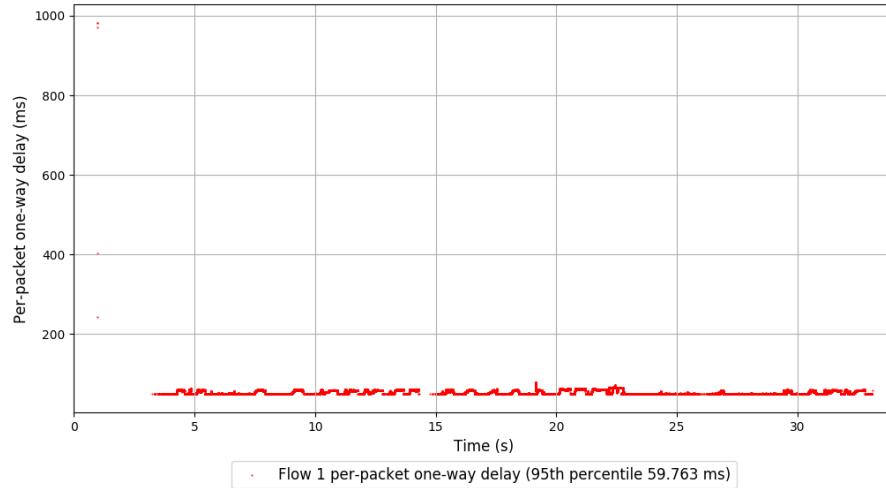
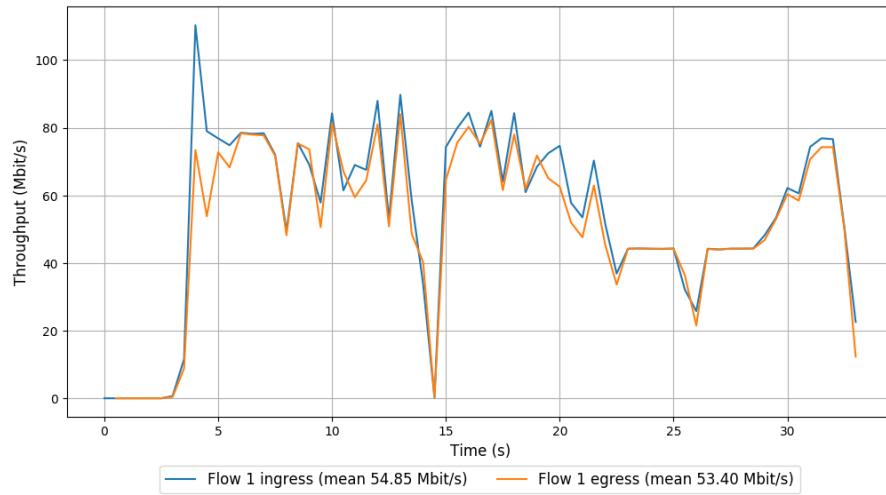


Run 2: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 20:40:18 +0000
End at: Fri, 23 Jun 2017 20:40:48 +0000
Local clock offset: 0.164 ms
Remote clock offset: -8.523 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:43:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.40 Mbit/s
95th percentile per-packet one-way delay: 59.763 ms
Loss rate: 5.70%
-- Flow 1:
Average throughput: 53.40 Mbit/s
95th percentile per-packet one-way delay: 59.763 ms
Loss rate: 5.70%
```

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: Fri, 23 Jun 2017 20:57:42 +0000
End at: Fri, 23 Jun 2017 20:58:12 +0000
Local clock offset: 1.124 ms
Remote clock offset: -9.057 ms

Run 3: Report of TCP BBR — Data Link

Figure is missing

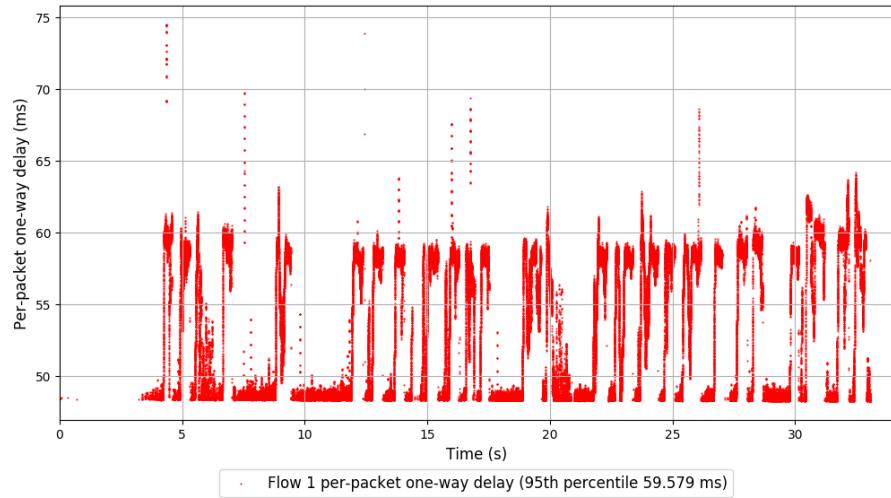
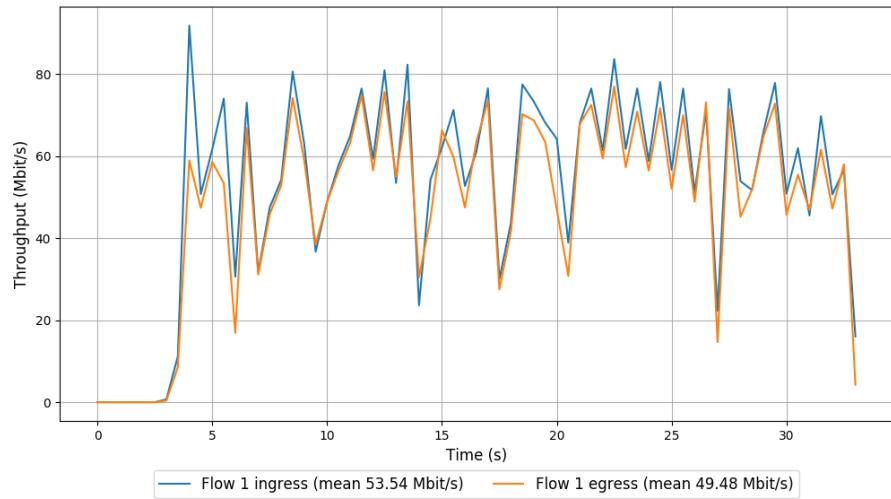
Figure is missing

Run 4: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 21:15:07 +0000
End at: Fri, 23 Jun 2017 21:15:37 +0000
Local clock offset: -1.112 ms
Remote clock offset: -11.005 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:44:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.48 Mbit/s
95th percentile per-packet one-way delay: 59.579 ms
Loss rate: 7.88%
-- Flow 1:
Average throughput: 49.48 Mbit/s
95th percentile per-packet one-way delay: 59.579 ms
Loss rate: 7.88%
```

Run 4: Report of TCP BBR — Data Link

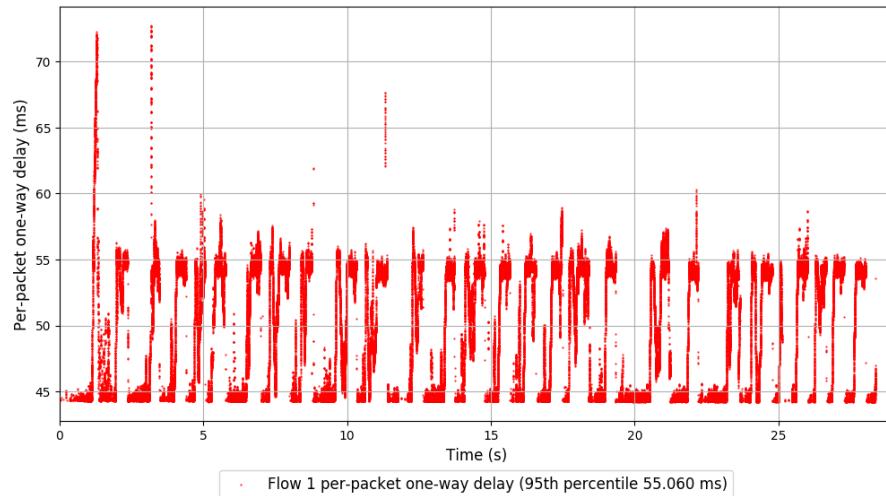
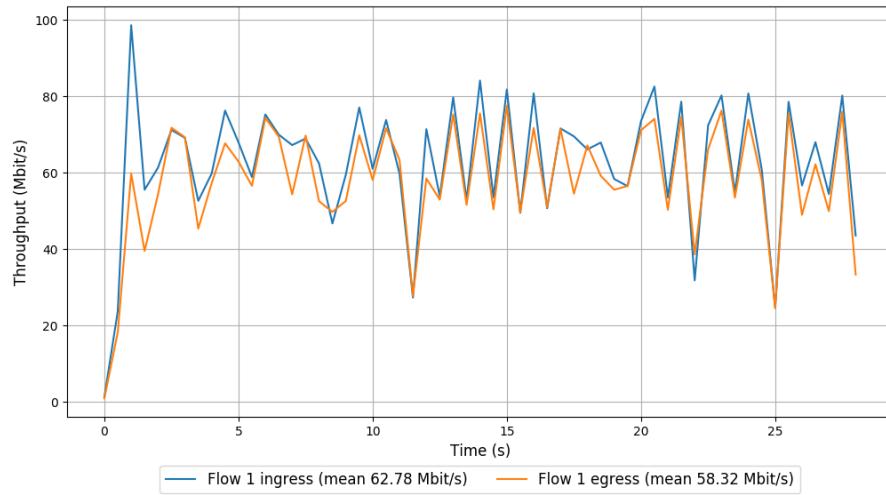


Run 5: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 21:32:29 +0000
End at: Fri, 23 Jun 2017 21:32:59 +0000
Local clock offset: -0.41 ms
Remote clock offset: -14.559 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:44:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.32 Mbit/s
95th percentile per-packet one-way delay: 55.060 ms
Loss rate: 7.45%
-- Flow 1:
Average throughput: 58.32 Mbit/s
95th percentile per-packet one-way delay: 55.060 ms
Loss rate: 7.45%
```

Run 5: Report of TCP BBR — Data Link

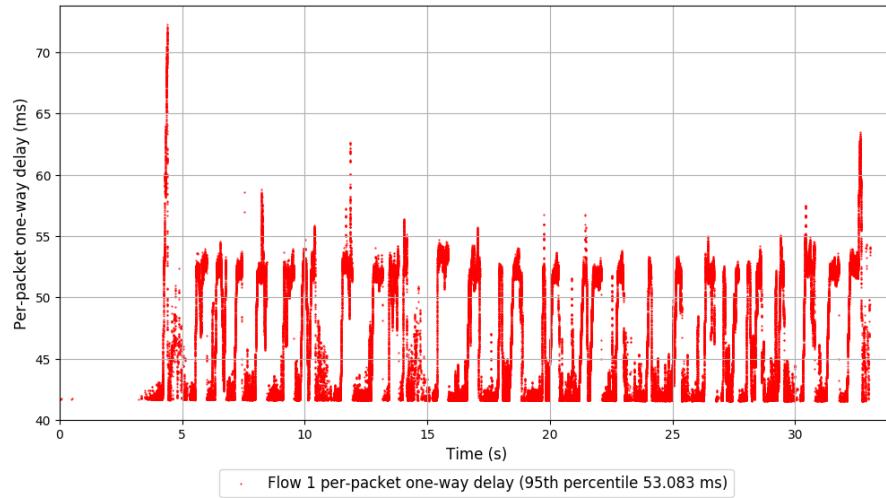
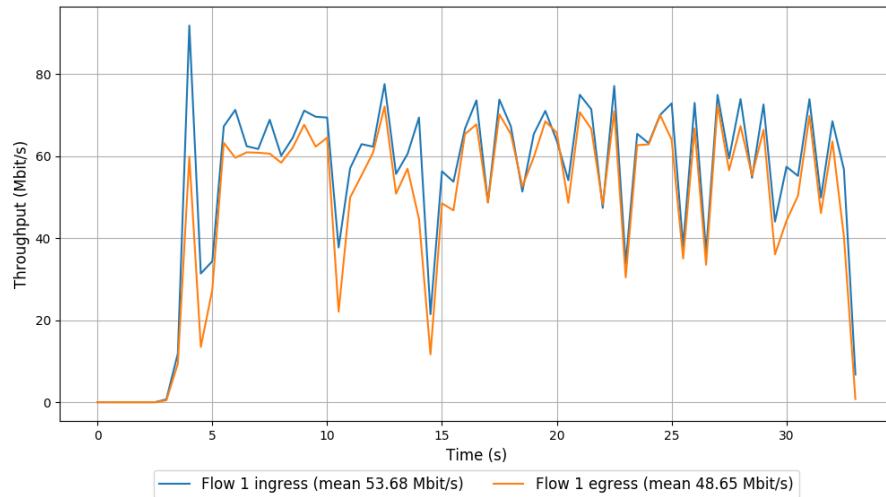


Run 6: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 21:50:00 +0000
End at: Fri, 23 Jun 2017 21:50:30 +0000
Local clock offset: -0.24 ms
Remote clock offset: -16.693 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:44:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.65 Mbit/s
95th percentile per-packet one-way delay: 53.083 ms
Loss rate: 9.69%
-- Flow 1:
Average throughput: 48.65 Mbit/s
95th percentile per-packet one-way delay: 53.083 ms
Loss rate: 9.69%
```

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

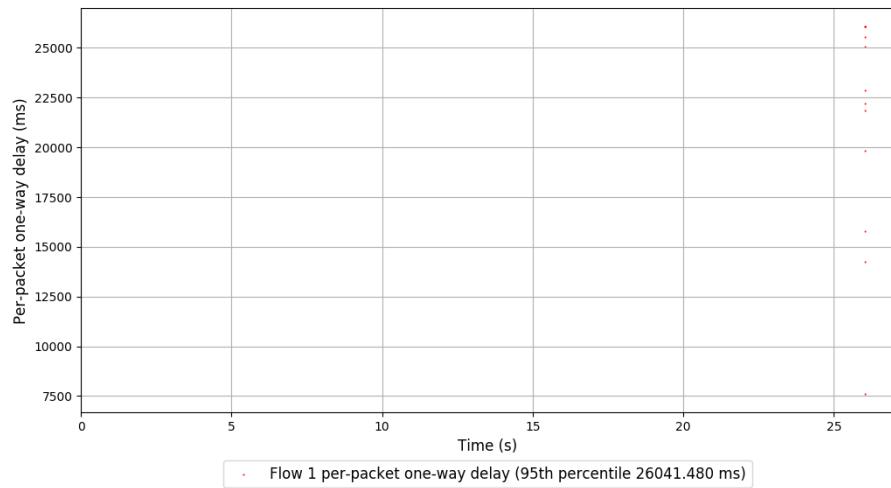
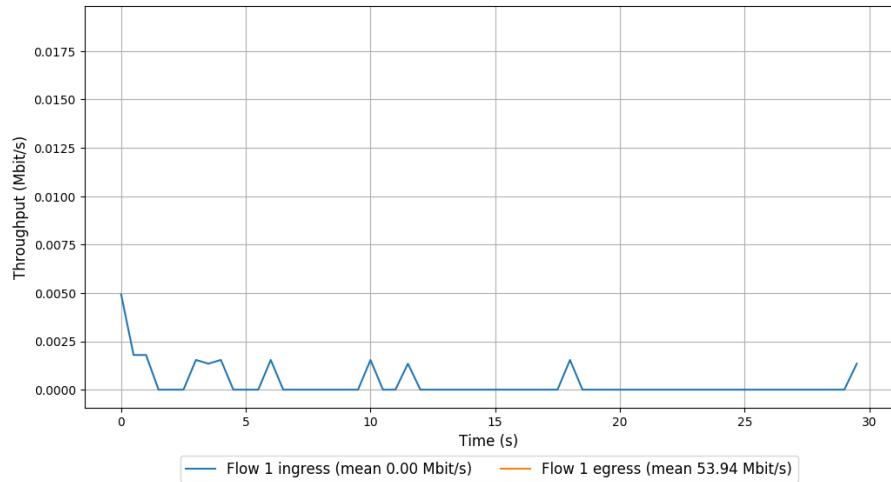
Start at: Fri, 23 Jun 2017 22:07:37 +0000

End at: Fri, 23 Jun 2017 22:08:07 +0000

Local clock offset: 1.435 ms

Remote clock offset: -17.811 ms

Run 7: Report of TCP BBR — Data Link

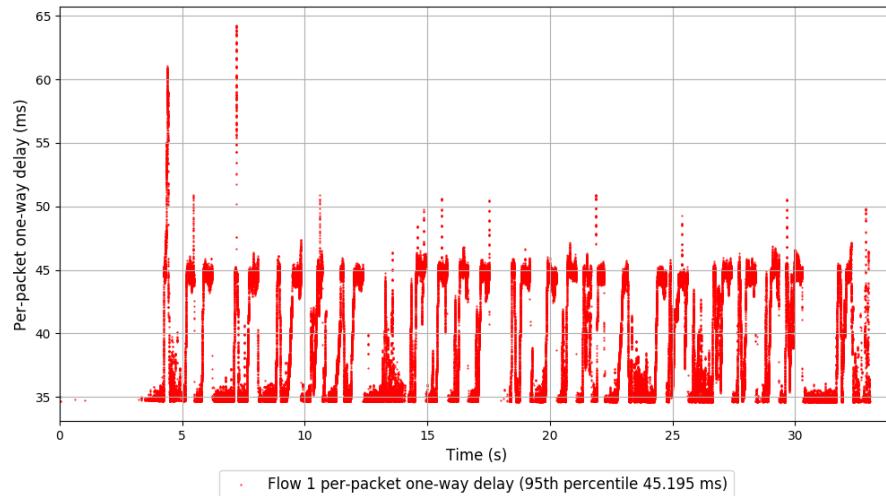
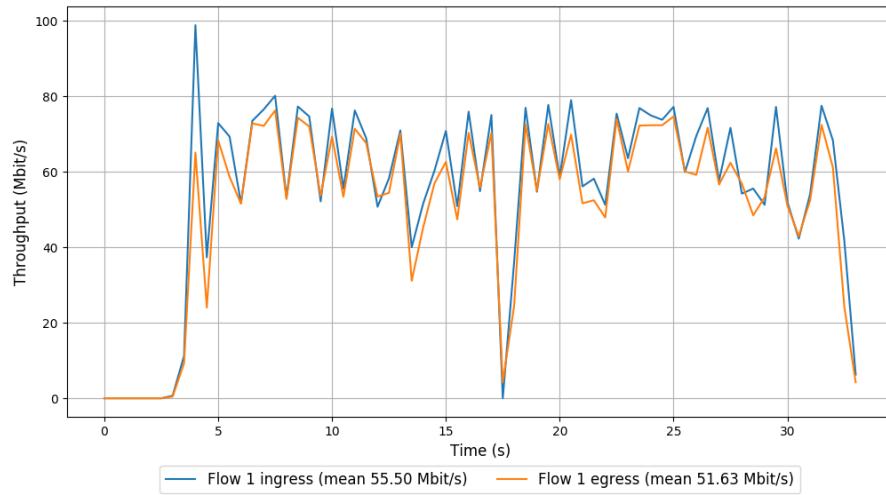


Run 8: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 22:25:00 +0000
End at: Fri, 23 Jun 2017 22:25:30 +0000
Local clock offset: 3.217 ms
Remote clock offset: -19.984 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:44:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.63 Mbit/s
95th percentile per-packet one-way delay: 45.195 ms
Loss rate: 7.20%
-- Flow 1:
Average throughput: 51.63 Mbit/s
95th percentile per-packet one-way delay: 45.195 ms
Loss rate: 7.20%
```

Run 8: Report of TCP BBR — Data Link

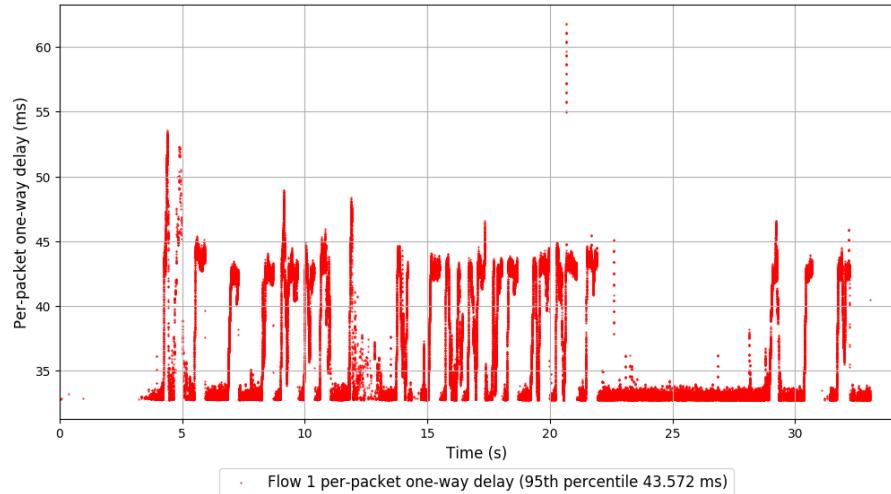
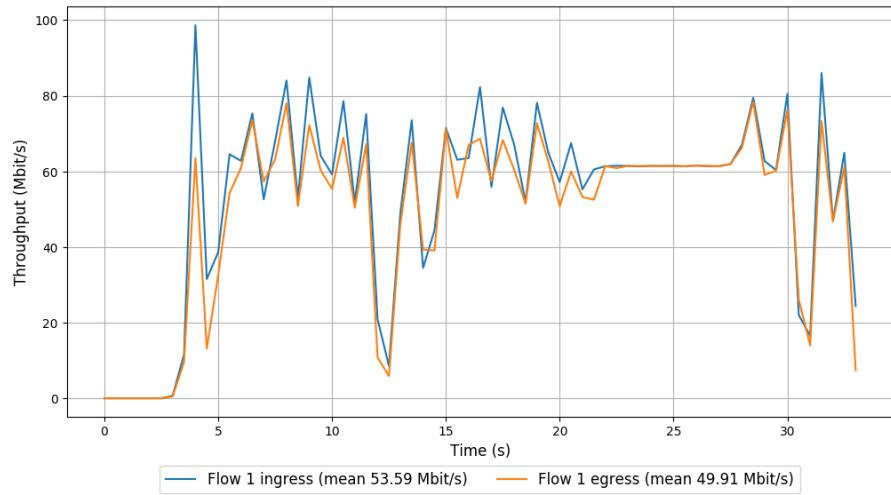


Run 9: Statistics of TCP BBR

```
Start at: Fri, 23 Jun 2017 22:42:21 +0000
End at: Fri, 23 Jun 2017 22:42:51 +0000
Local clock offset: 3.97 ms
Remote clock offset: -21.391 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:44:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.91 Mbit/s
95th percentile per-packet one-way delay: 43.572 ms
Loss rate: 7.17%
-- Flow 1:
Average throughput: 49.91 Mbit/s
95th percentile per-packet one-way delay: 43.572 ms
Loss rate: 7.17%
```

Run 9: Report of TCP BBR — Data Link



```
Run 10: Statistics of TCP BBR
```

```
Start at: Fri, 23 Jun 2017 22:59:47 +0000
```

```
End at: Fri, 23 Jun 2017 23:00:17 +0000
```

```
Local clock offset: 4.237 ms
```

```
Remote clock offset: -22.509 ms
```

```
# Below is generated by plot.py at Fri, 23 Jun 2017 23:44:23 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 54.73 Mbit/s
```

```
95th percentile per-packet one-way delay: 41.699 ms
```

```
Loss rate: 7.64%
```

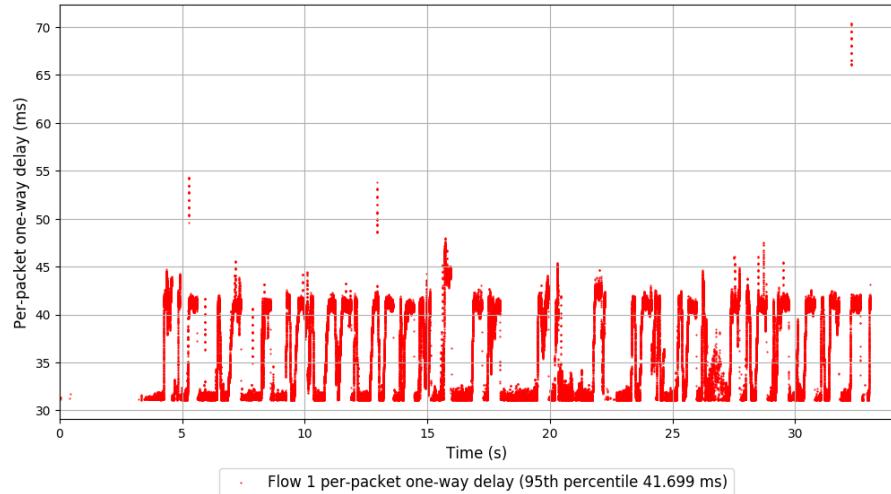
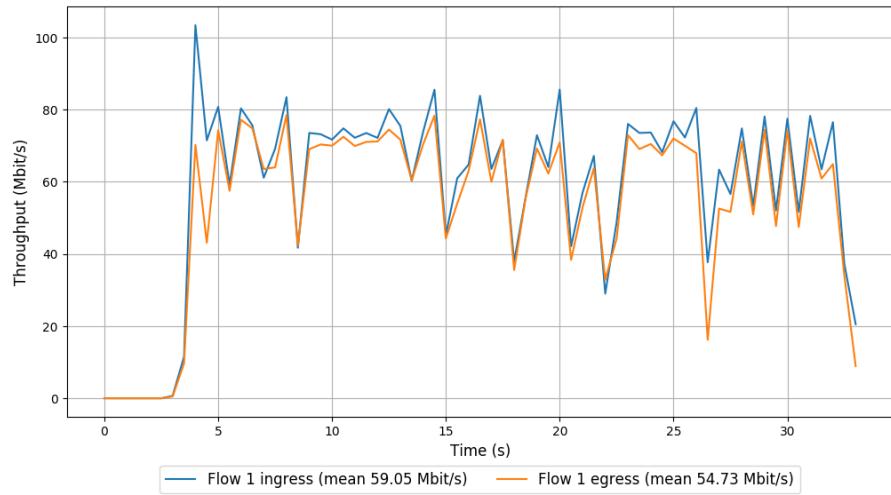
```
-- Flow 1:
```

```
Average throughput: 54.73 Mbit/s
```

```
95th percentile per-packet one-way delay: 41.699 ms
```

```
Loss rate: 7.64%
```

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

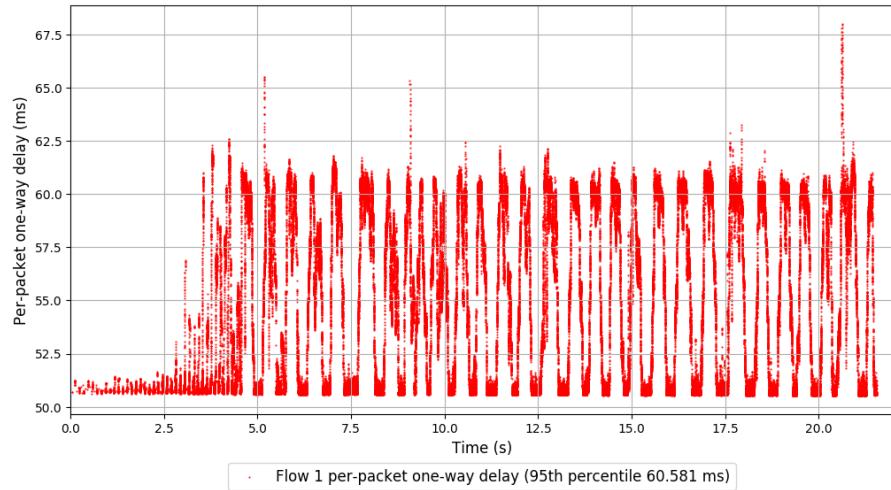
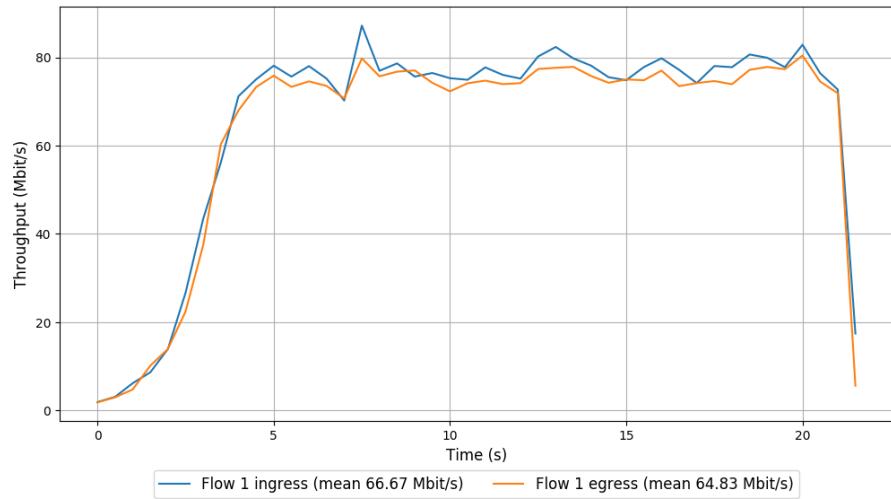
Start at: Fri, 23 Jun 2017 20:26:31 +0000

End at: Fri, 23 Jun 2017 20:27:01 +0000

Local clock offset: -1.098 ms

Remote clock offset: -8.62 ms

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

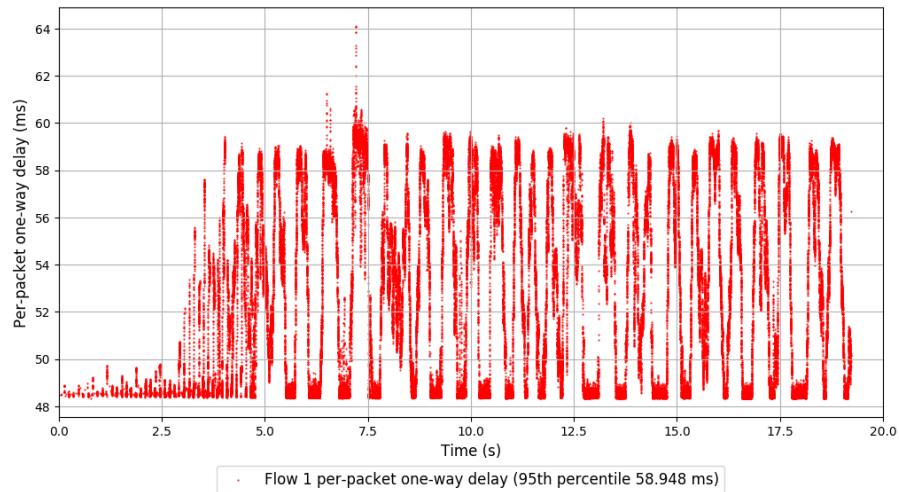
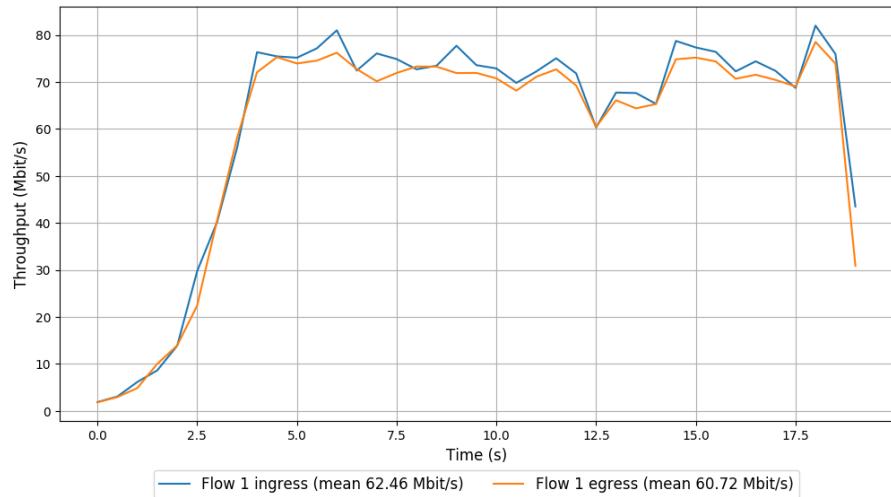
Start at: Fri, 23 Jun 2017 20:43:49 +0000

End at: Fri, 23 Jun 2017 20:44:19 +0000

Local clock offset: 0.548 ms

Remote clock offset: -9.128 ms

Run 2: Report of CalibratedKoho — Data Link



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

```
Start at: Fri, 23 Jun 2017 21:01:09 +0000
```

```
End at: Fri, 23 Jun 2017 21:01:39 +0000
```

```
Local clock offset: 0.122 ms
```

```
Remote clock offset: -9.294 ms
```

```
# Below is generated by plot.py at Fri, 23 Jun 2017 23:44:37 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 53.91 Mbit/s
```

```
95th percentile per-packet one-way delay: 60.113 ms
```

```
Loss rate: 4.21%
```

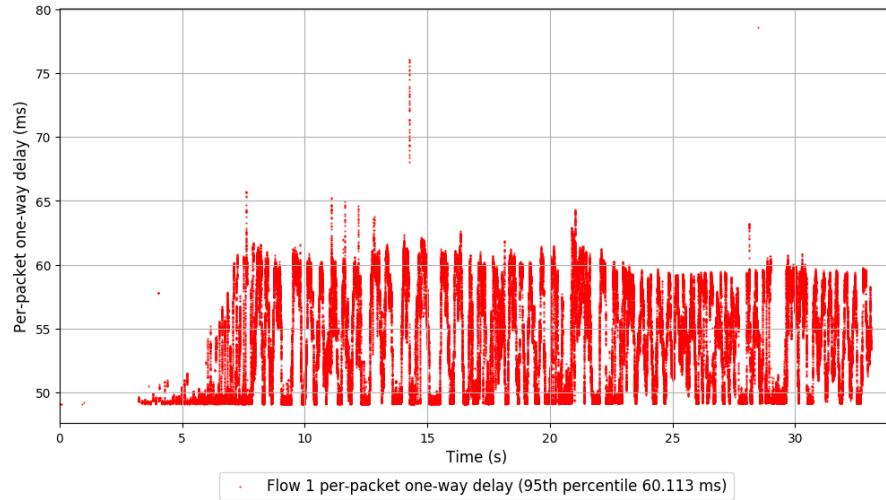
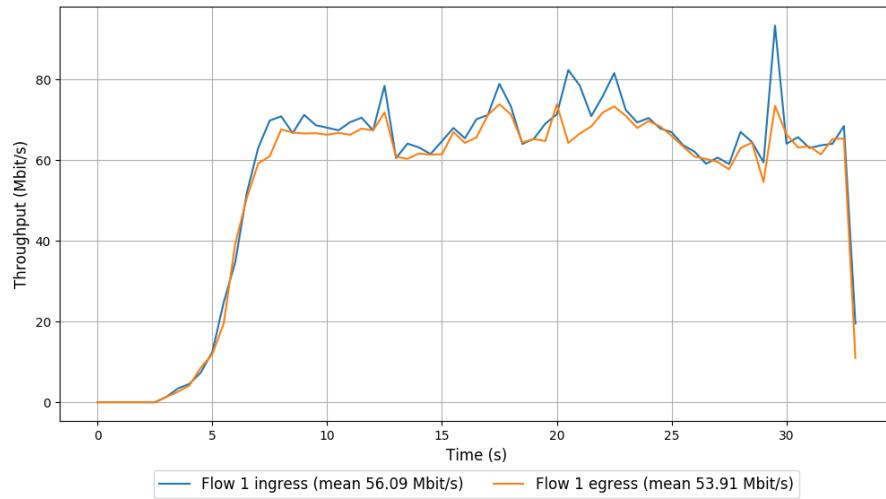
```
-- Flow 1:
```

```
Average throughput: 53.91 Mbit/s
```

```
95th percentile per-packet one-way delay: 60.113 ms
```

```
Loss rate: 4.21%
```

Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

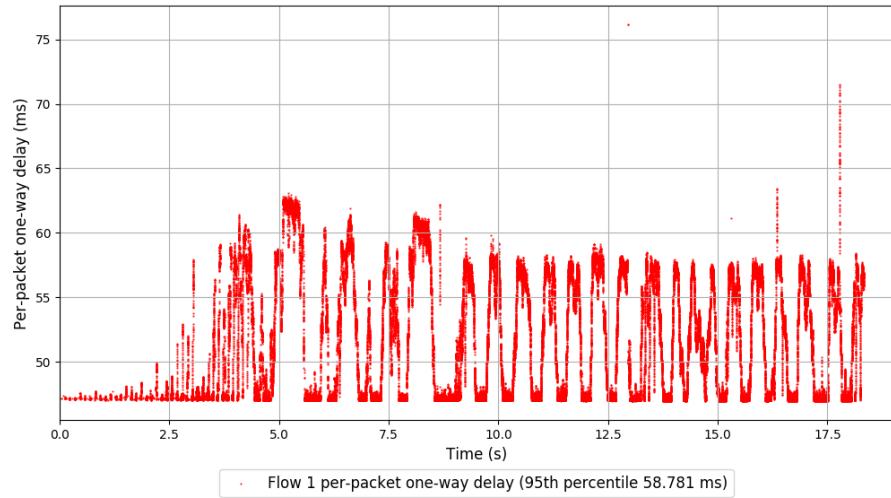
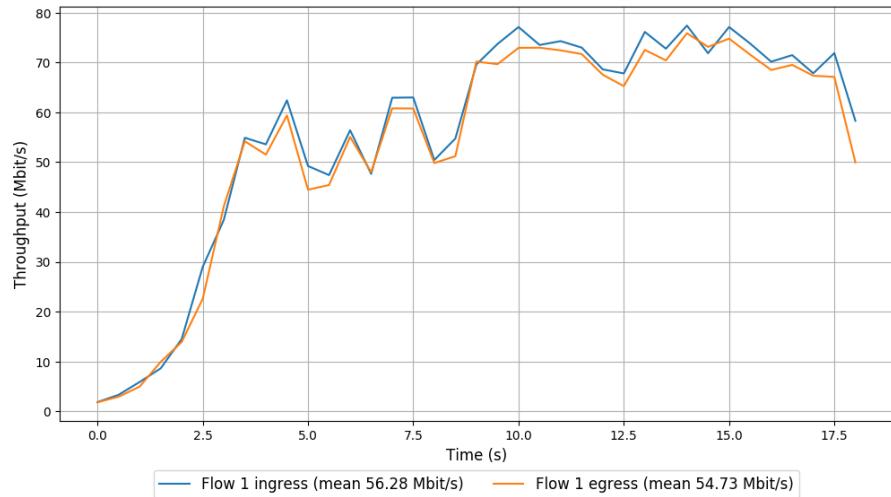
Start at: Fri, 23 Jun 2017 21:18:39 +0000

End at: Fri, 23 Jun 2017 21:19:09 +0000

Local clock offset: -0.995 ms

Remote clock offset: -11.54 ms

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

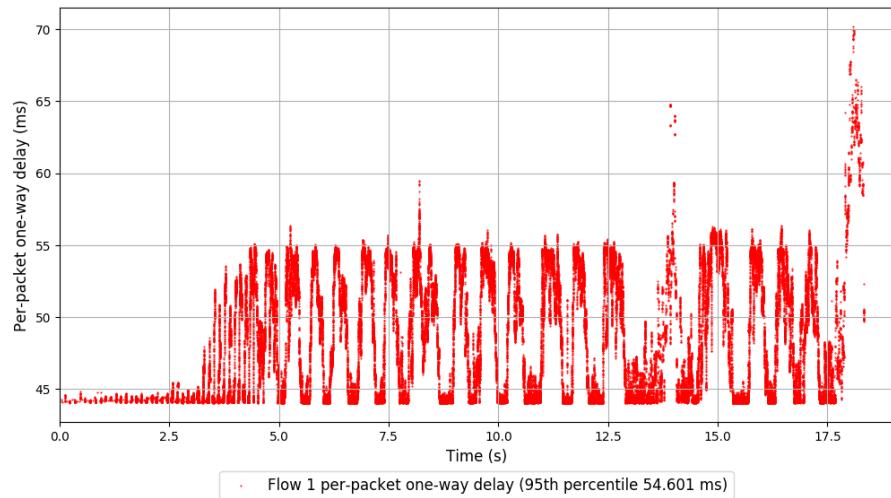
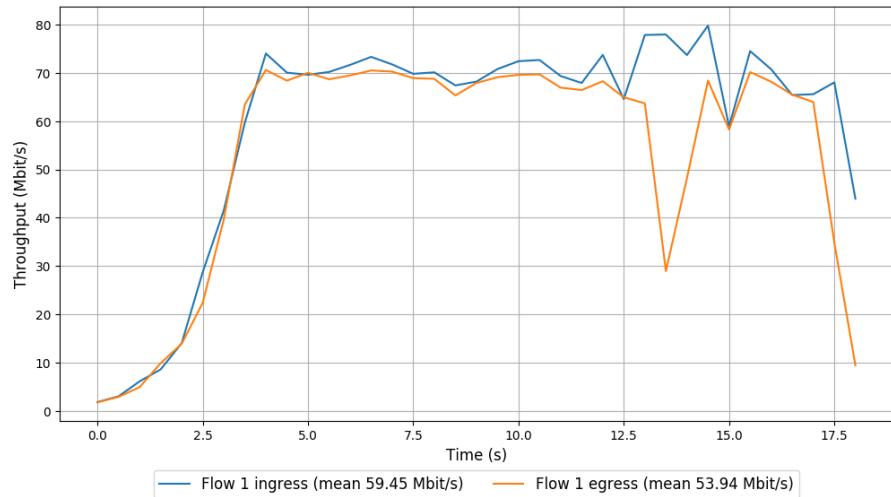
Start at: Fri, 23 Jun 2017 21:36:00 +0000

End at: Fri, 23 Jun 2017 21:36:30 +0000

Local clock offset: -0.4 ms

Remote clock offset: -14.929 ms

Run 5: Report of CalibratedKoho — Data Link

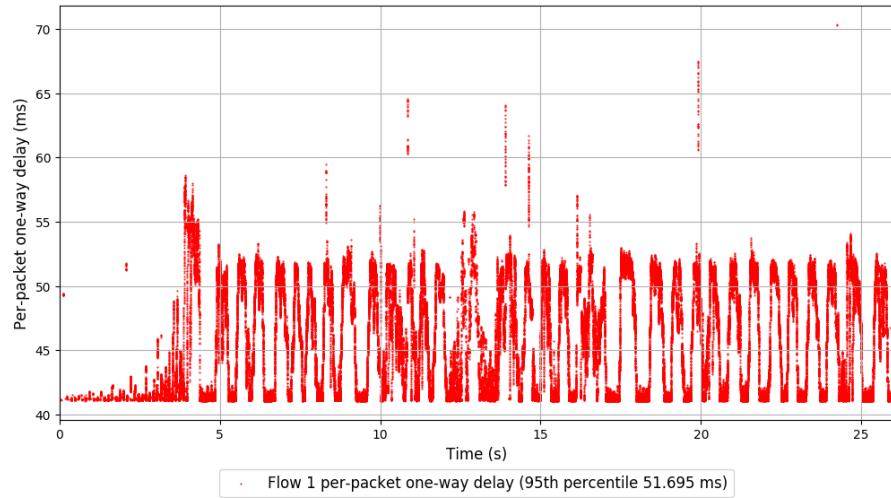
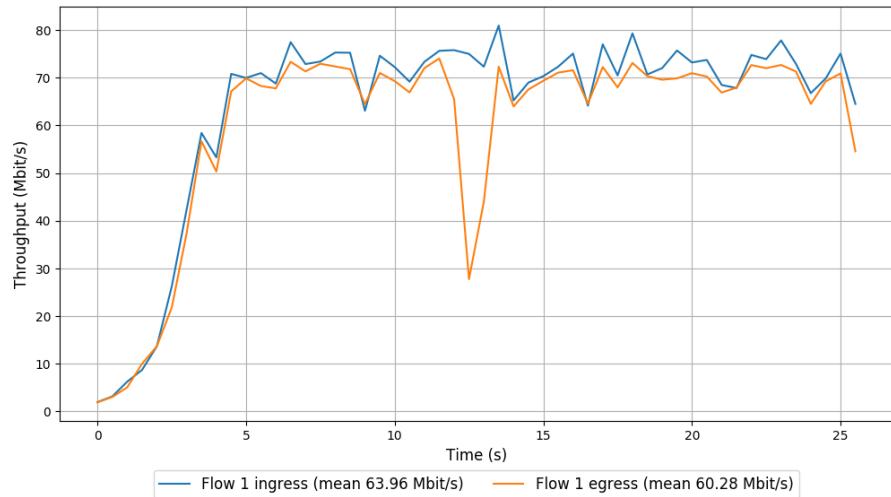


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: Fri, 23 Jun 2017 21:53:36 +0000
End at: Fri, 23 Jun 2017 21:54:06 +0000
Local clock offset: -0.064 ms
Remote clock offset: -17.179 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:44:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.28 Mbit/s
95th percentile per-packet one-way delay: 51.695 ms
Loss rate: 6.15%
-- Flow 1:
Average throughput: 60.28 Mbit/s
95th percentile per-packet one-way delay: 51.695 ms
Loss rate: 6.15%
```

Run 6: Report of CalibratedKoho — Data Link



```
Run 7: Statistics of CalibratedKoho
```

```
Start at: Fri, 23 Jun 2017 22:11:02 +0000
```

```
End at: Fri, 23 Jun 2017 22:11:32 +0000
```

```
Local clock offset: 2.354 ms
```

```
Remote clock offset: -18.684 ms
```

```
# Below is generated by plot.py at Fri, 23 Jun 2017 23:44:47 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 54.72 Mbit/s
```

```
95th percentile per-packet one-way delay: 47.882 ms
```

```
Loss rate: 2.97%
```

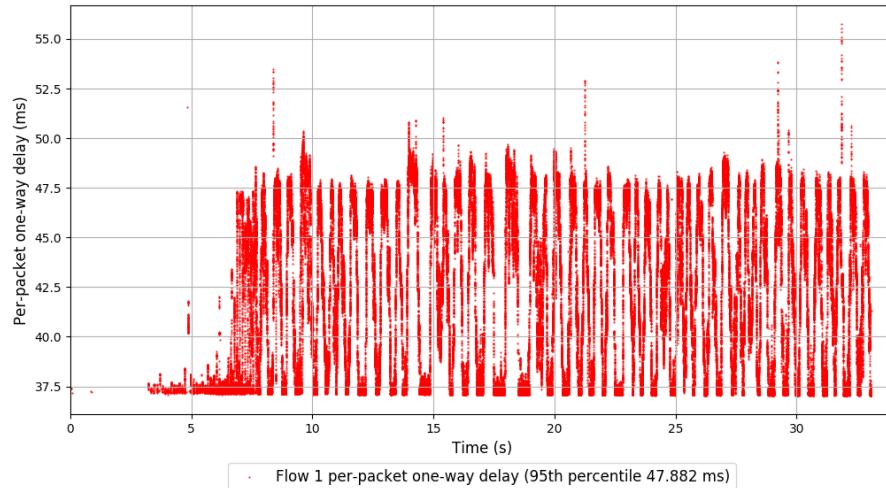
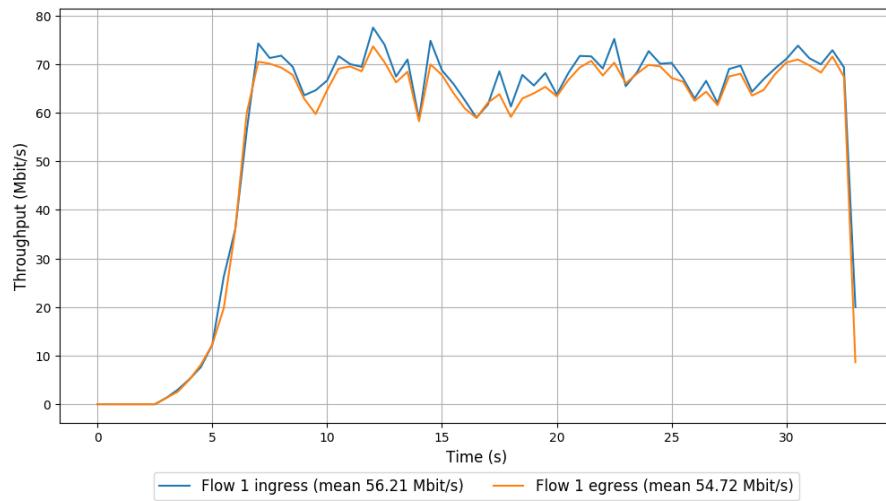
```
-- Flow 1:
```

```
Average throughput: 54.72 Mbit/s
```

```
95th percentile per-packet one-way delay: 47.882 ms
```

```
Loss rate: 2.97%
```

Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

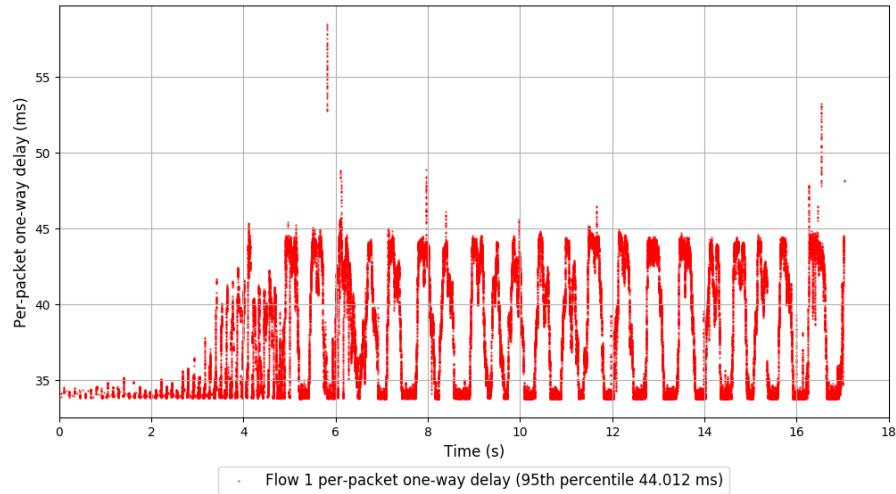
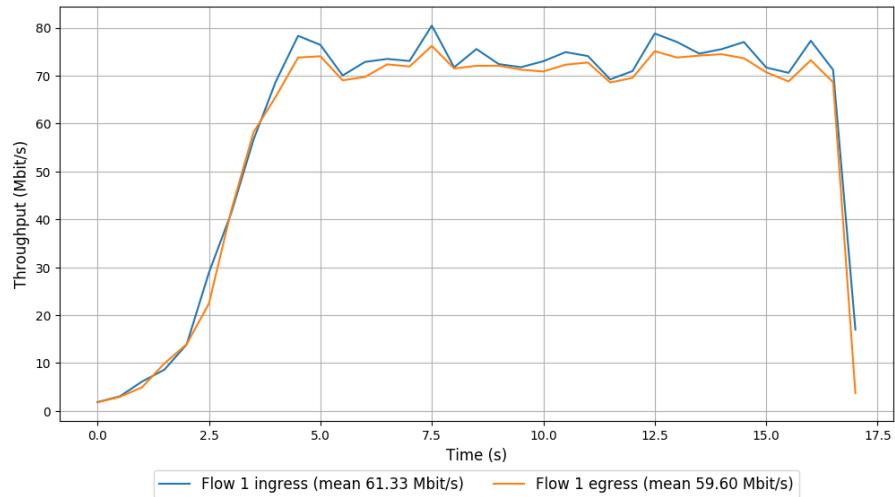
Start at: Fri, 23 Jun 2017 22:28:30 +0000

End at: Fri, 23 Jun 2017 22:29:00 +0000

Local clock offset: 3.54 ms

Remote clock offset: -20.268 ms

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

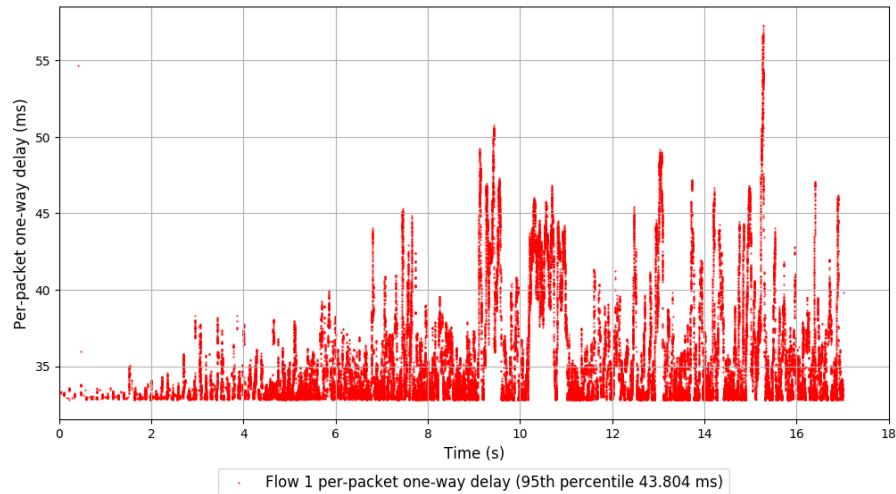
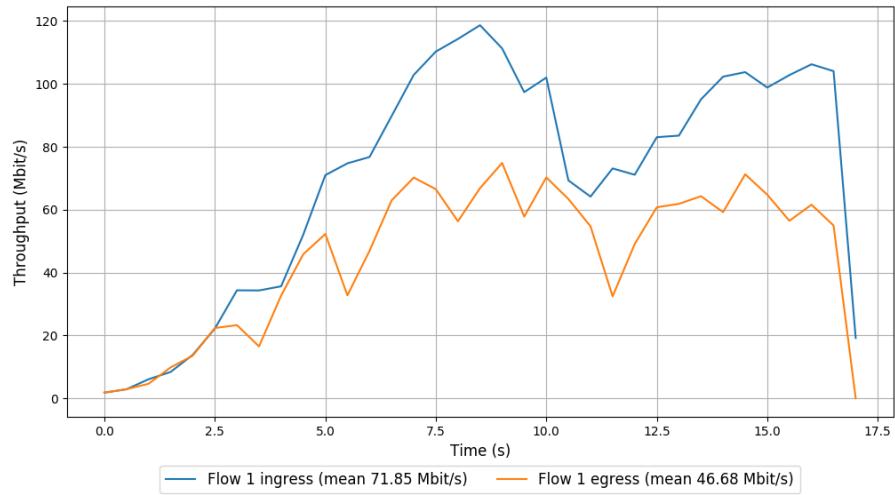
Start at: Fri, 23 Jun 2017 22:45:51 +0000

End at: Fri, 23 Jun 2017 22:46:21 +0000

Local clock offset: 4.075 ms

Remote clock offset: -21.287 ms

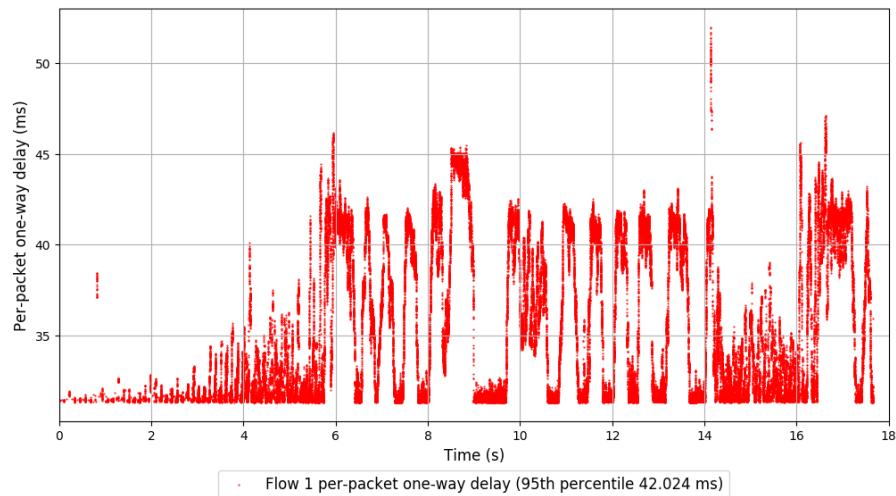
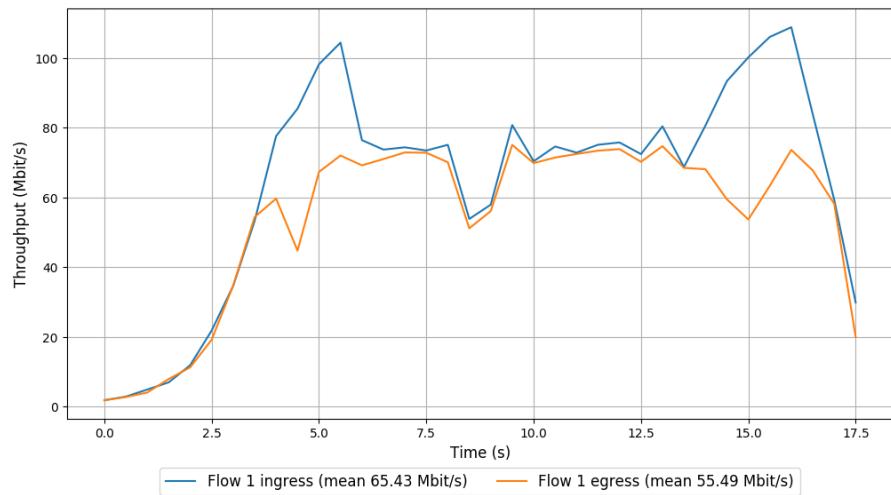
Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

Start at: Fri, 23 Jun 2017 23:03:18 +0000
End at: Fri, 23 Jun 2017 23:03:48 +0000
Local clock offset: 4.316 ms
Remote clock offset: -23.147 ms

Run 10: Report of CalibratedKoho — Data Link

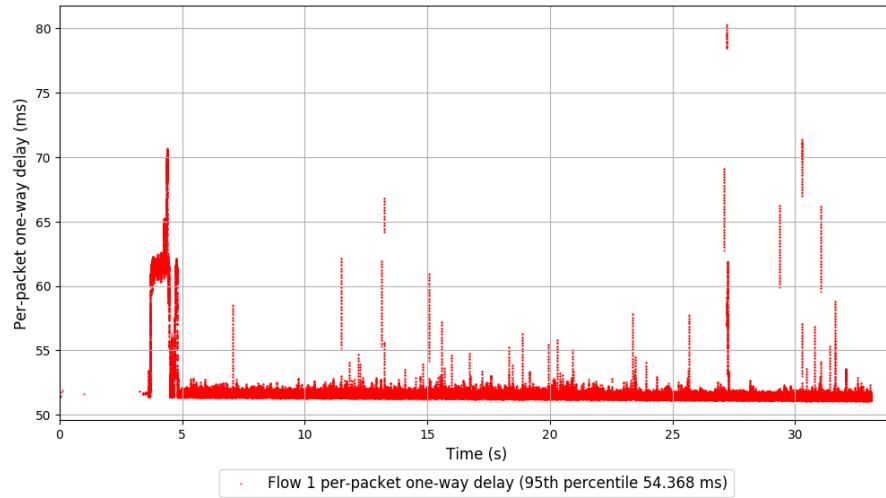
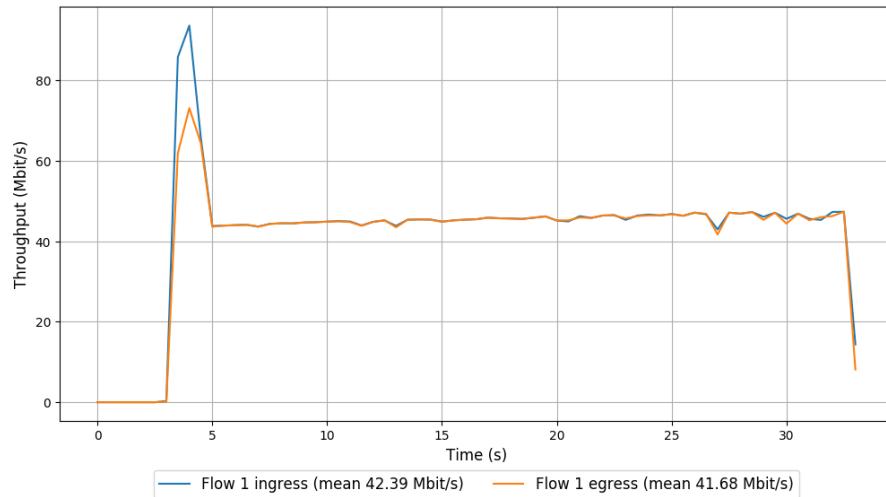


Run 1: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 20:24:10 +0000
End at: Fri, 23 Jun 2017 20:24:40 +0000
Local clock offset: -1.682 ms
Remote clock offset: -8.164 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:45:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.68 Mbit/s
95th percentile per-packet one-way delay: 54.368 ms
Loss rate: 2.03%
-- Flow 1:
Average throughput: 41.68 Mbit/s
95th percentile per-packet one-way delay: 54.368 ms
Loss rate: 2.03%
```

Run 1: Report of Copa — Data Link

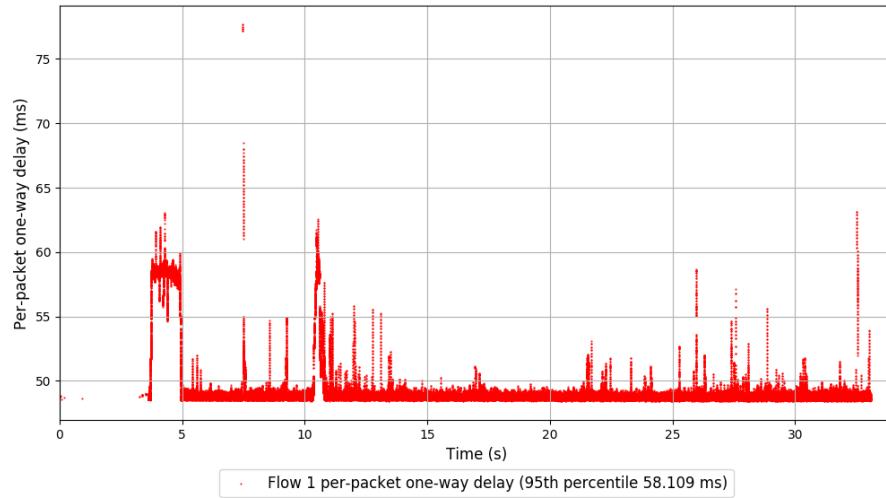
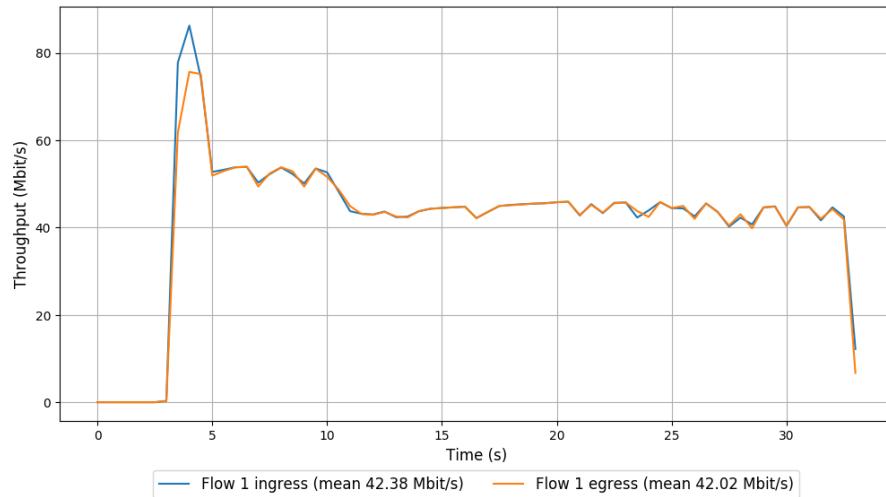


Run 2: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 20:41:30 +0000
End at: Fri, 23 Jun 2017 20:42:00 +0000
Local clock offset: 0.355 ms
Remote clock offset: -9.447 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:45:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.02 Mbit/s
95th percentile per-packet one-way delay: 58.109 ms
Loss rate: 1.19%
-- Flow 1:
Average throughput: 42.02 Mbit/s
95th percentile per-packet one-way delay: 58.109 ms
Loss rate: 1.19%
```

Run 2: Report of Copa — Data Link

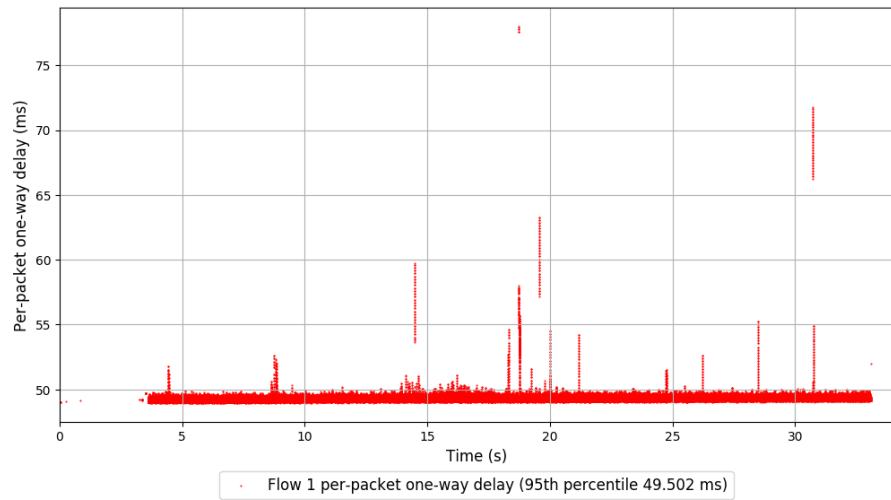
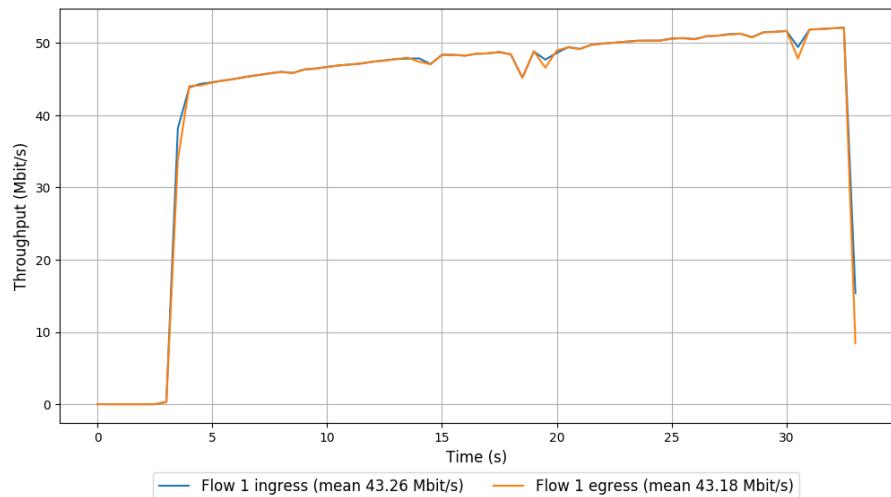


Run 3: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 20:58:48 +0000
End at: Fri, 23 Jun 2017 20:59:18 +0000
Local clock offset: 0.63 ms
Remote clock offset: -9.115 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:45:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.18 Mbit/s
95th percentile per-packet one-way delay: 49.502 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 43.18 Mbit/s
95th percentile per-packet one-way delay: 49.502 ms
Loss rate: 0.51%
```

Run 3: Report of Copa — Data Link

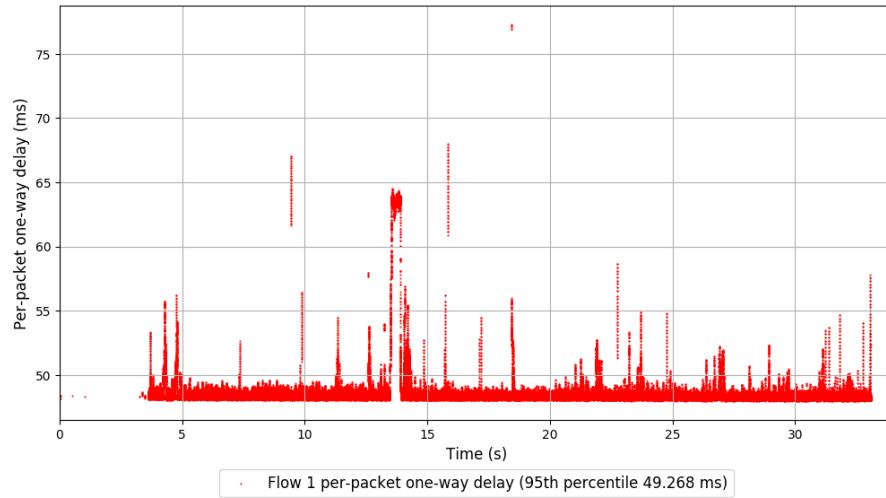
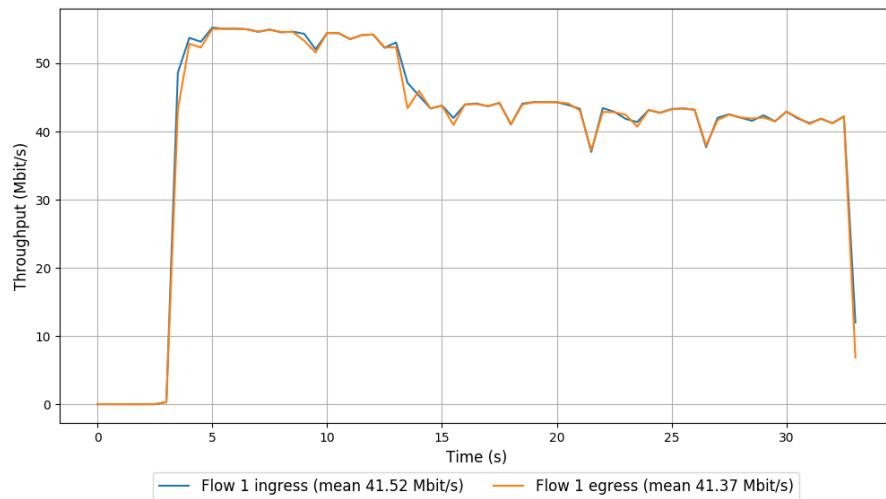


Run 4: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 21:16:19 +0000
End at: Fri, 23 Jun 2017 21:16:49 +0000
Local clock offset: -1.034 ms
Remote clock offset: -11.151 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:45:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.37 Mbit/s
95th percentile per-packet one-way delay: 49.268 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 41.37 Mbit/s
95th percentile per-packet one-way delay: 49.268 ms
Loss rate: 0.70%
```

Run 4: Report of Copa — Data Link

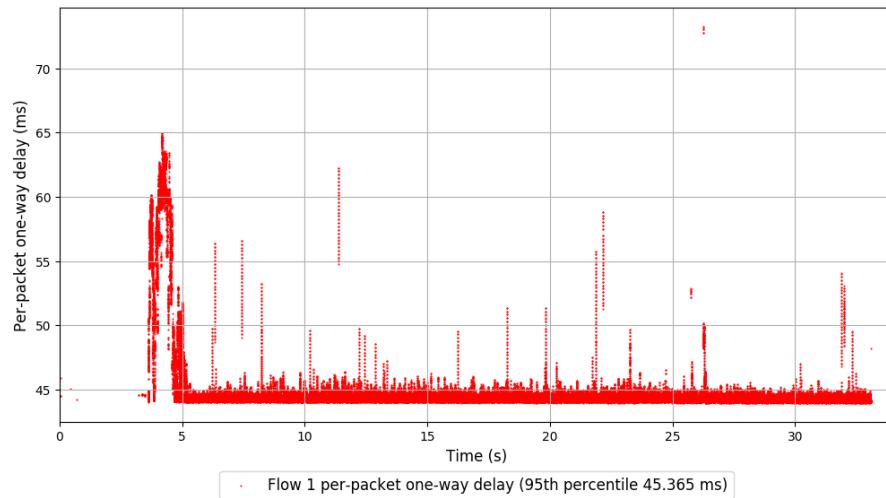
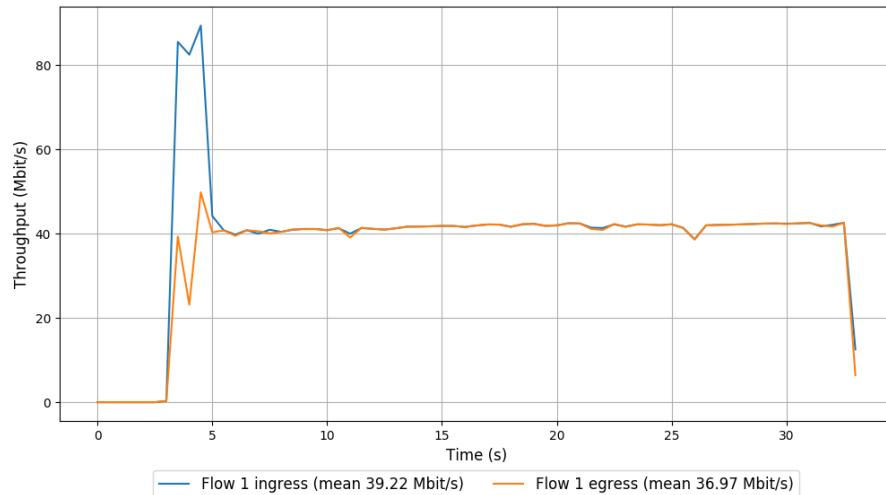


Run 5: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 21:33:41 +0000
End at: Fri, 23 Jun 2017 21:34:11 +0000
Local clock offset: -0.357 ms
Remote clock offset: -14.259 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:45:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.97 Mbit/s
95th percentile per-packet one-way delay: 45.365 ms
Loss rate: 6.05%
-- Flow 1:
Average throughput: 36.97 Mbit/s
95th percentile per-packet one-way delay: 45.365 ms
Loss rate: 6.05%
```

Run 5: Report of Copa — Data Link

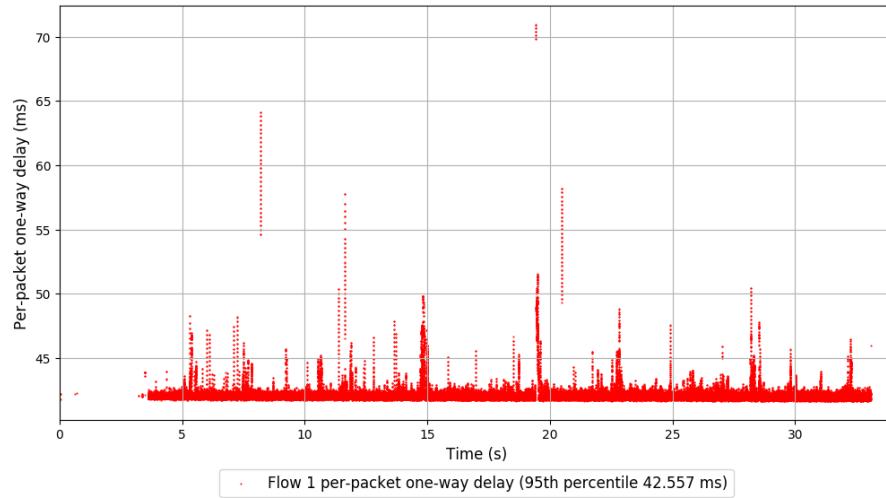
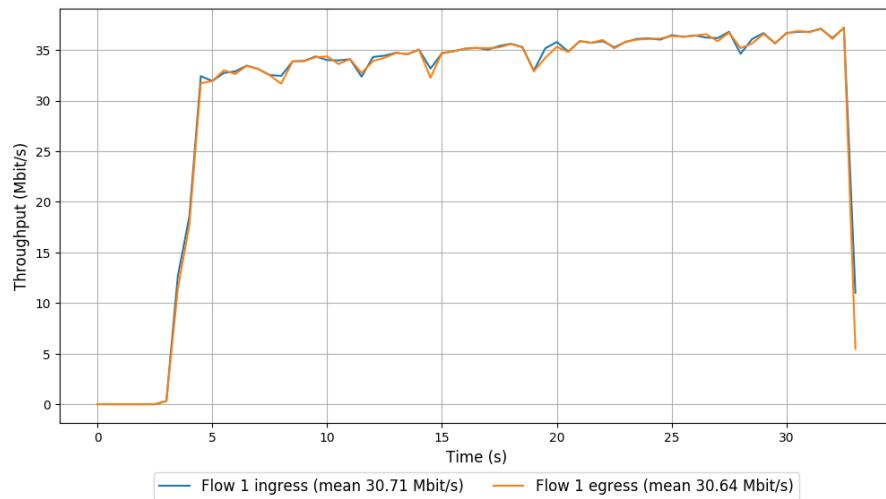


Run 6: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 21:51:18 +0000
End at: Fri, 23 Jun 2017 21:51:48 +0000
Local clock offset: -0.212 ms
Remote clock offset: -16.923 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:45:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 30.64 Mbit/s
95th percentile per-packet one-way delay: 42.557 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 30.64 Mbit/s
95th percentile per-packet one-way delay: 42.557 ms
Loss rate: 0.59%
```

Run 6: Report of Copa — Data Link

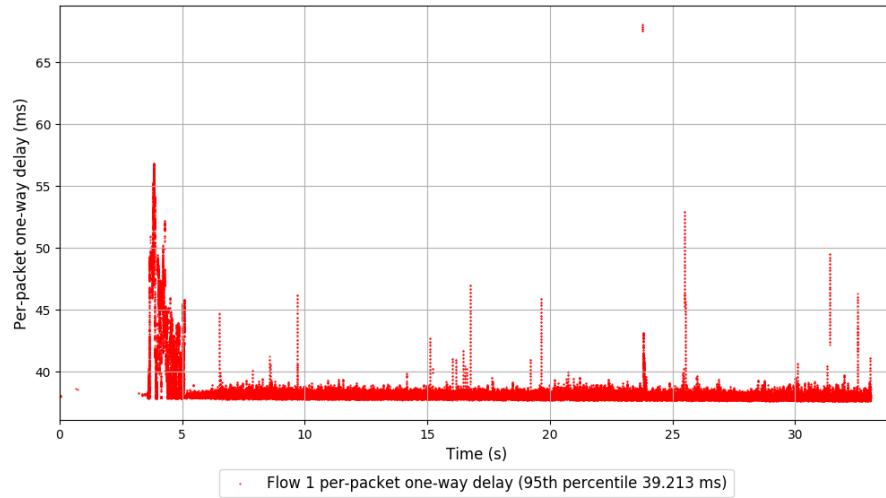
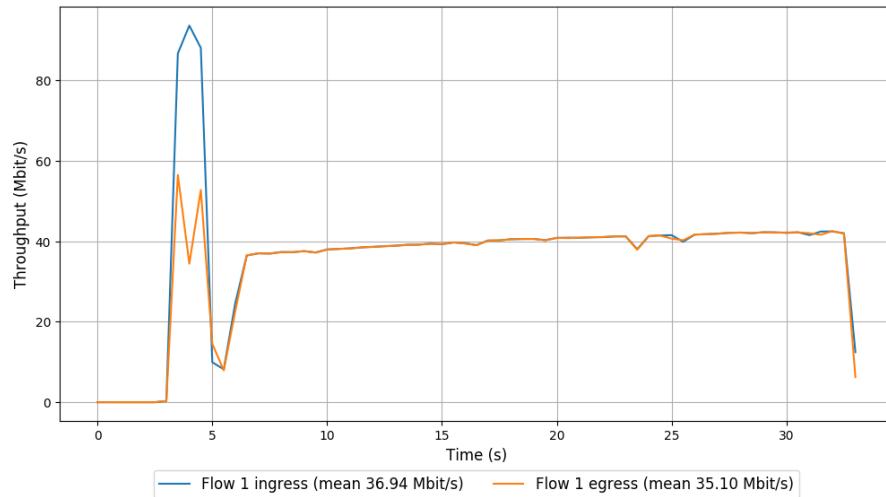


Run 7: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 22:08:43 +0000
End at: Fri, 23 Jun 2017 22:09:13 +0000
Local clock offset: 1.796 ms
Remote clock offset: -18.439 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:45:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.10 Mbit/s
95th percentile per-packet one-way delay: 39.213 ms
Loss rate: 5.31%
-- Flow 1:
Average throughput: 35.10 Mbit/s
95th percentile per-packet one-way delay: 39.213 ms
Loss rate: 5.31%
```

Run 7: Report of Copa — Data Link

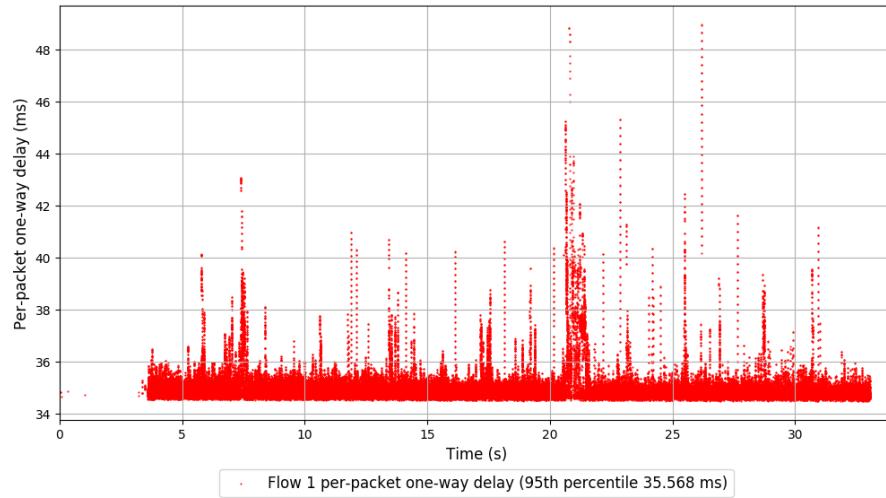
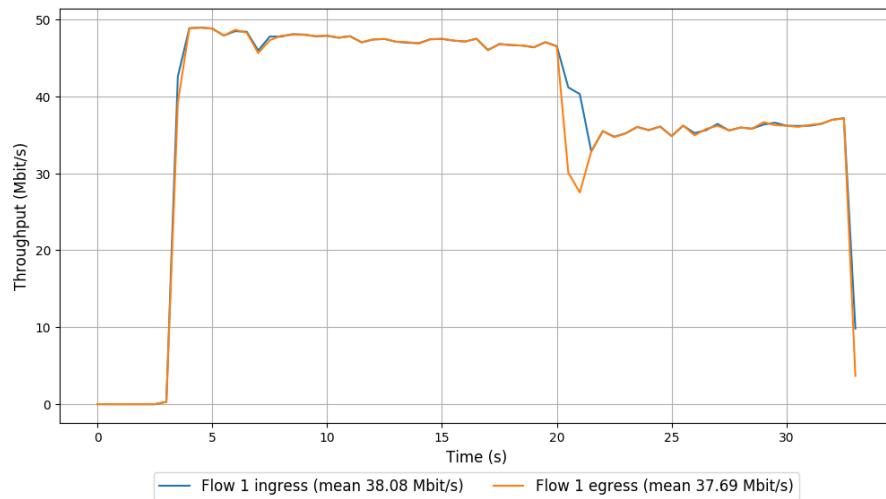


Run 8: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 22:26:12 +0000
End at: Fri, 23 Jun 2017 22:26:42 +0000
Local clock offset: 3.321 ms
Remote clock offset: -20.644 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:45:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.69 Mbit/s
95th percentile per-packet one-way delay: 35.568 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 37.69 Mbit/s
95th percentile per-packet one-way delay: 35.568 ms
Loss rate: 1.37%
```

Run 8: Report of Copa — Data Link

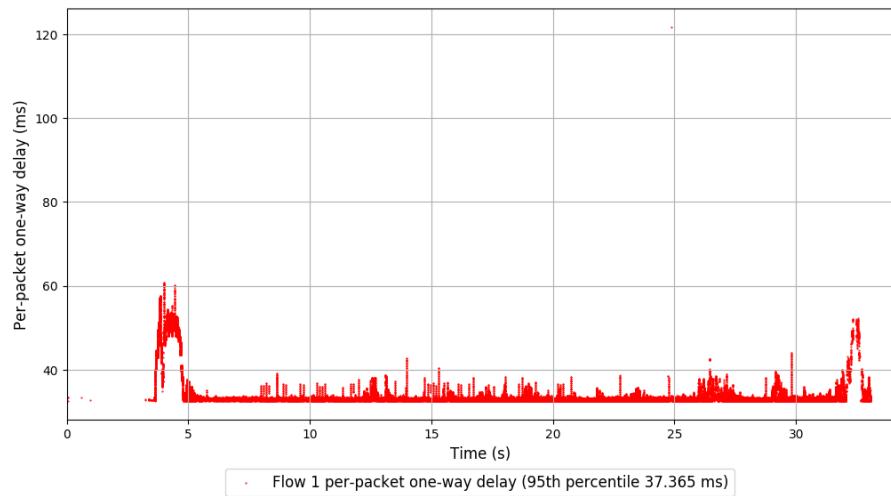
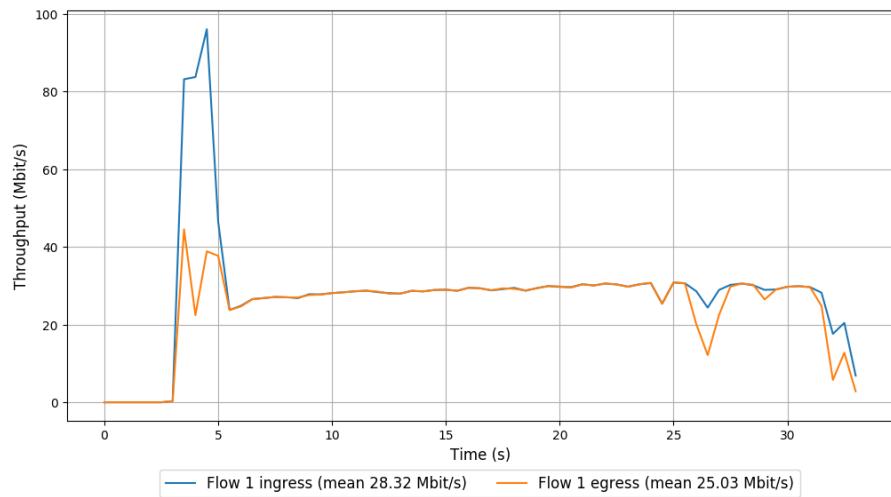


Run 9: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 22:43:33 +0000
End at: Fri, 23 Jun 2017 22:44:03 +0000
Local clock offset: 3.913 ms
Remote clock offset: -21.25 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:45:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.03 Mbit/s
95th percentile per-packet one-way delay: 37.365 ms
Loss rate: 11.90%
-- Flow 1:
Average throughput: 25.03 Mbit/s
95th percentile per-packet one-way delay: 37.365 ms
Loss rate: 11.90%
```

Run 9: Report of Copa — Data Link

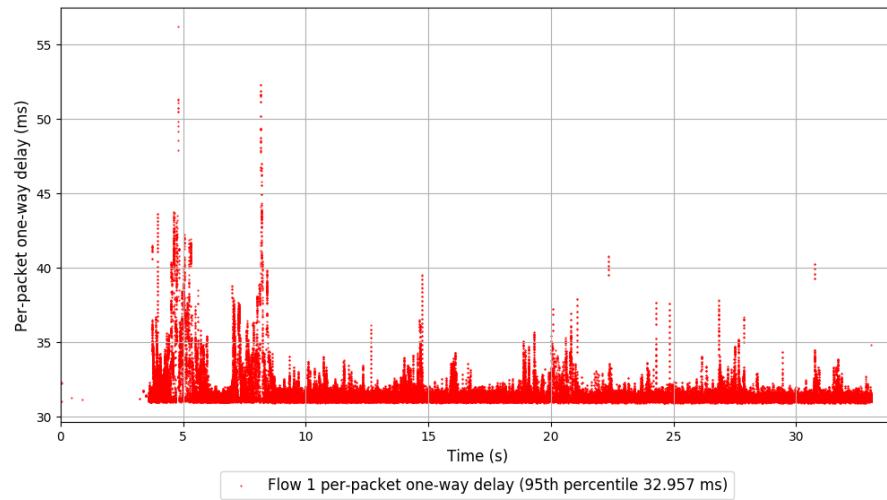
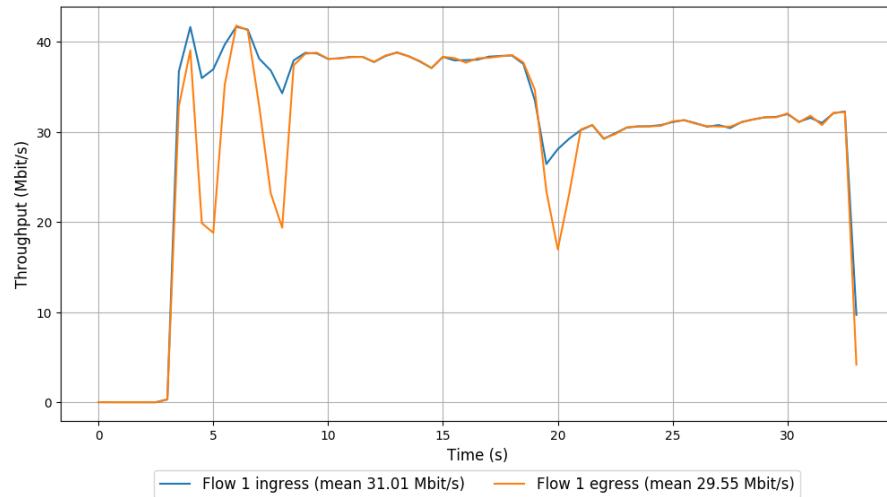


Run 10: Statistics of Copa

```
Start at: Fri, 23 Jun 2017 23:00:59 +0000
End at: Fri, 23 Jun 2017 23:01:29 +0000
Local clock offset: 4.247 ms
Remote clock offset: -22.884 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:45:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.55 Mbit/s
95th percentile per-packet one-way delay: 32.957 ms
Loss rate: 5.05%
-- Flow 1:
Average throughput: 29.55 Mbit/s
95th percentile per-packet one-way delay: 32.957 ms
Loss rate: 5.05%
```

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

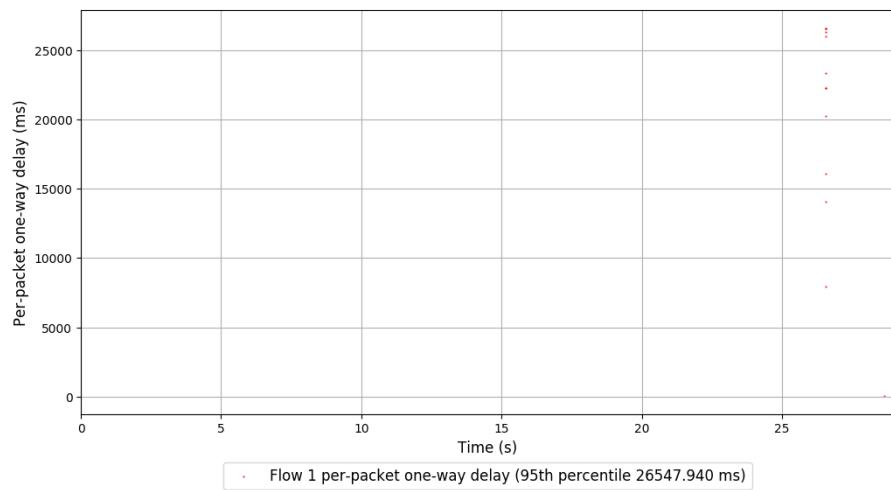
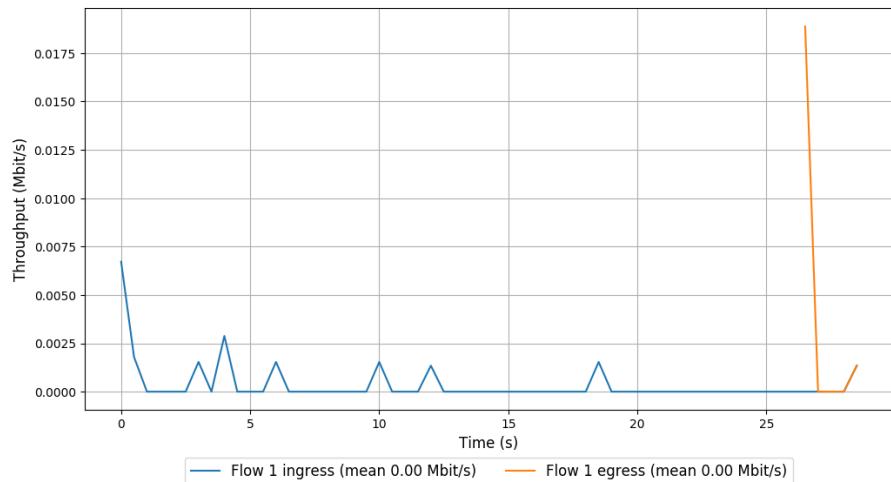
Start at: Fri, 23 Jun 2017 20:28:58 +0000

End at: Fri, 23 Jun 2017 20:29:28 +0000

Local clock offset: -0.872 ms

Remote clock offset: -8.088 ms

Run 1: Report of TCP Cubic — Data Link

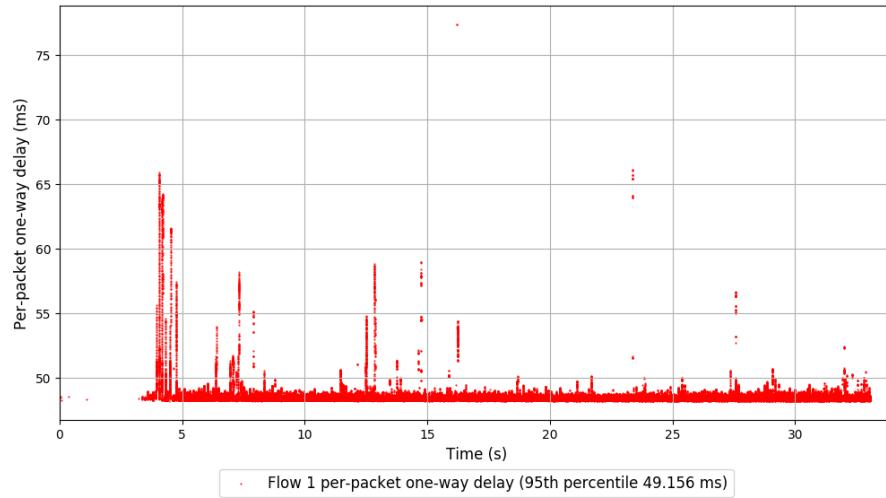
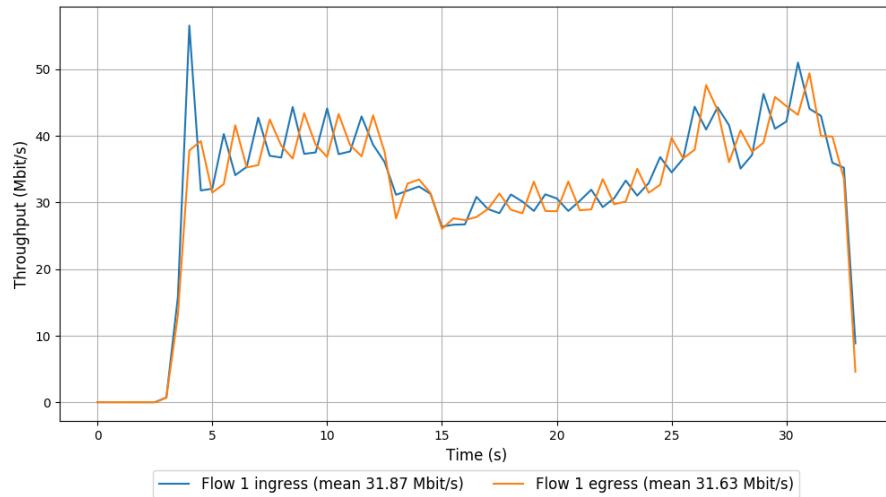


Run 2: Statistics of TCP Cubic

```
Start at: Fri, 23 Jun 2017 20:46:21 +0000
End at: Fri, 23 Jun 2017 20:46:51 +0000
Local clock offset: 0.767 ms
Remote clock offset: -9.001 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:45:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.63 Mbit/s
95th percentile per-packet one-way delay: 49.156 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 31.63 Mbit/s
95th percentile per-packet one-way delay: 49.156 ms
Loss rate: 1.09%
```

Run 2: Report of TCP Cubic — Data Link

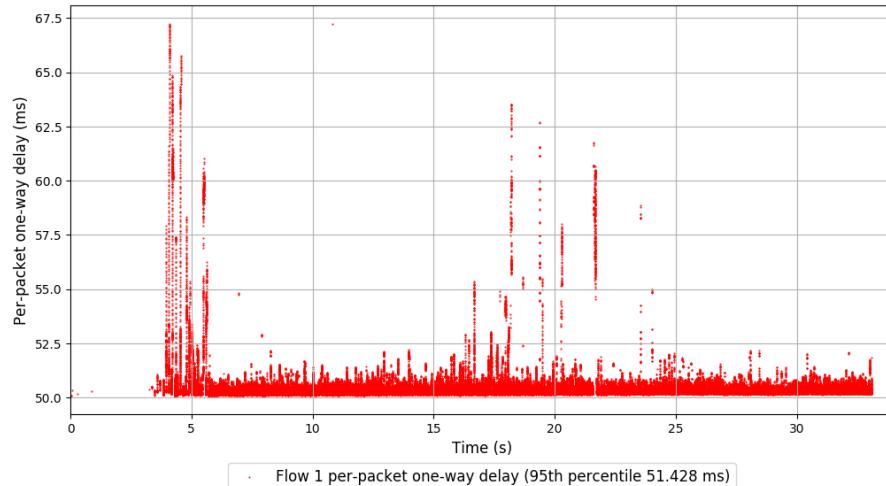
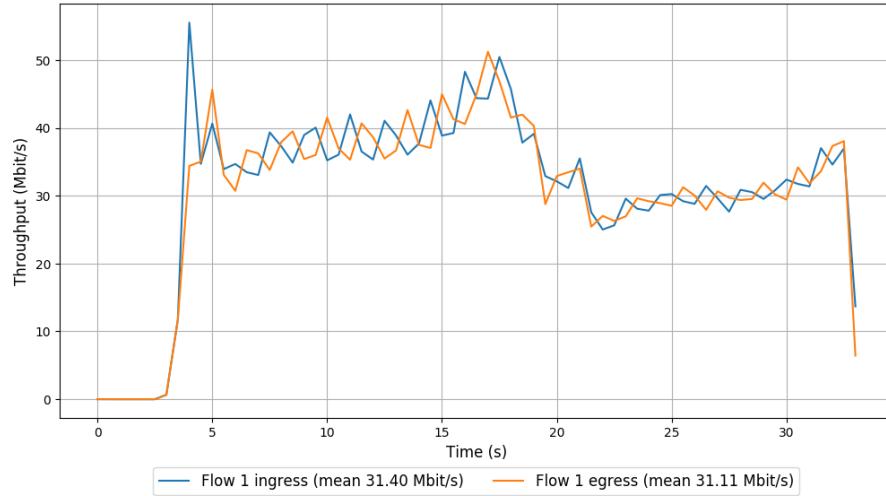


Run 3: Statistics of TCP Cubic

```
Start at: Fri, 23 Jun 2017 21:03:39 +0000
End at: Fri, 23 Jun 2017 21:04:09 +0000
Local clock offset: -0.386 ms
Remote clock offset: -8.852 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:45:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.11 Mbit/s
95th percentile per-packet one-way delay: 51.428 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 31.11 Mbit/s
95th percentile per-packet one-way delay: 51.428 ms
Loss rate: 1.27%
```

Run 3: Report of TCP Cubic — Data Link

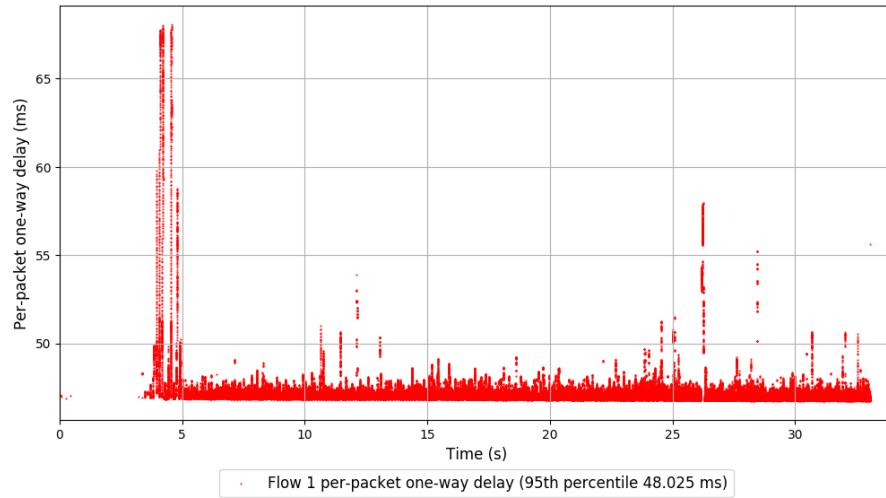
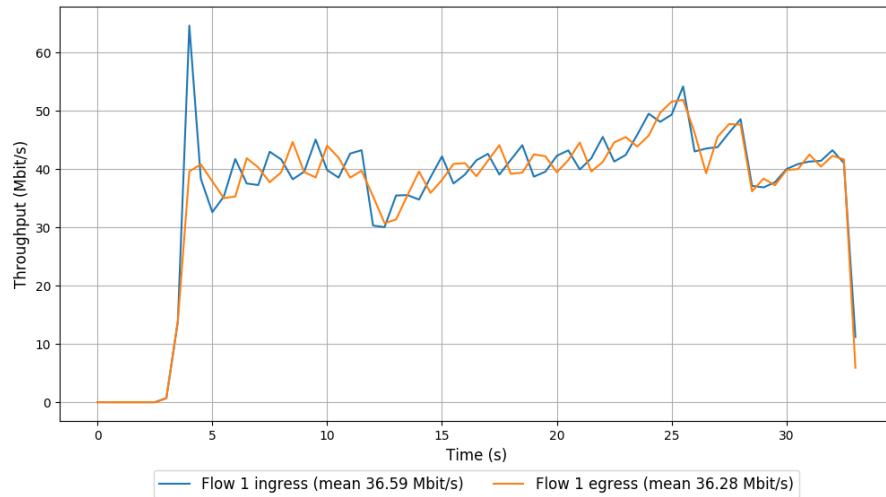


Run 4: Statistics of TCP Cubic

```
Start at: Fri, 23 Jun 2017 21:21:11 +0000
End at: Fri, 23 Jun 2017 21:21:41 +0000
Local clock offset: -0.832 ms
Remote clock offset: -12.431 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:45:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.28 Mbit/s
95th percentile per-packet one-way delay: 48.025 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 36.28 Mbit/s
95th percentile per-packet one-way delay: 48.025 ms
Loss rate: 1.16%
```

Run 4: Report of TCP Cubic — Data Link

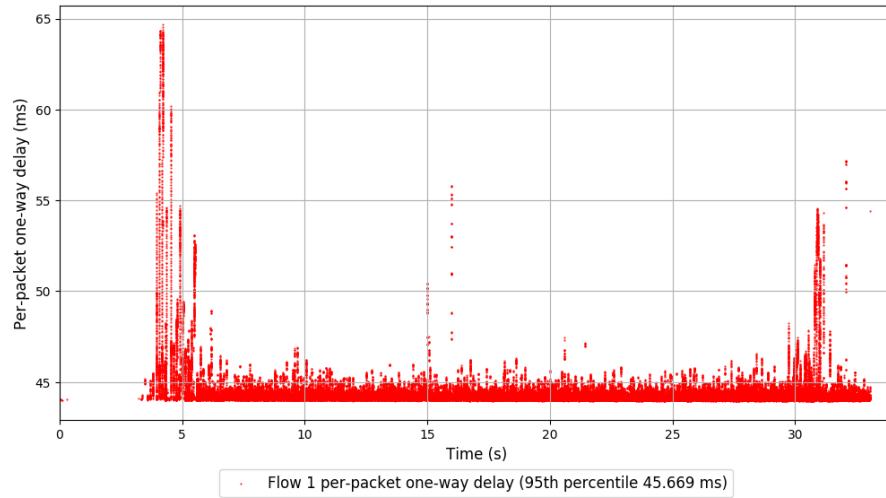
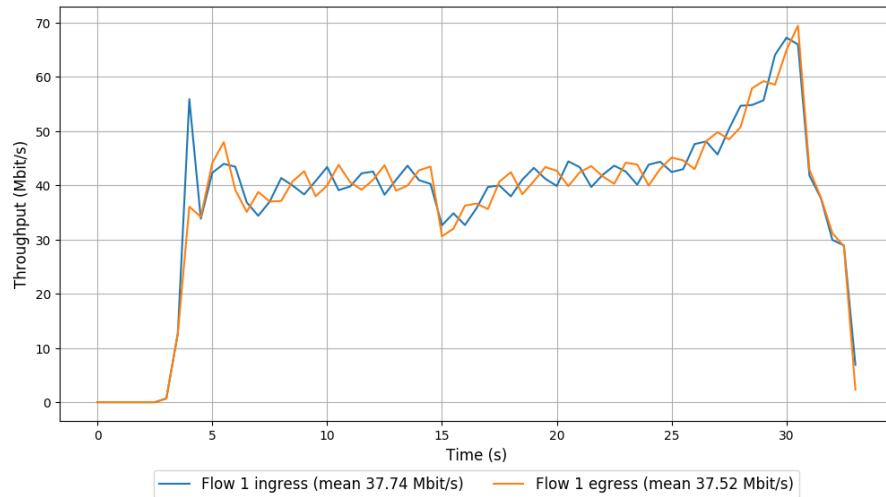


Run 5: Statistics of TCP Cubic

```
Start at: Fri, 23 Jun 2017 21:38:32 +0000
End at: Fri, 23 Jun 2017 21:39:02 +0000
Local clock offset: -0.421 ms
Remote clock offset: -15.462 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:45:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.52 Mbit/s
95th percentile per-packet one-way delay: 45.669 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 37.52 Mbit/s
95th percentile per-packet one-way delay: 45.669 ms
Loss rate: 0.87%
```

Run 5: Report of TCP Cubic — Data Link

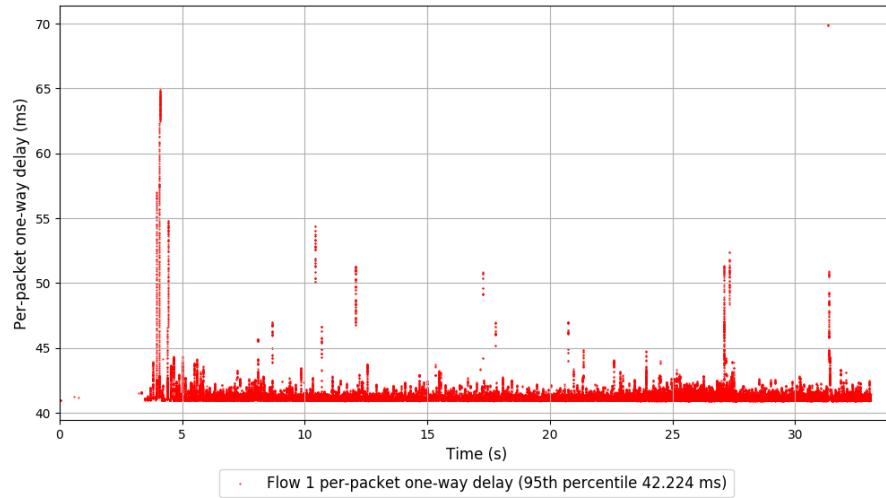
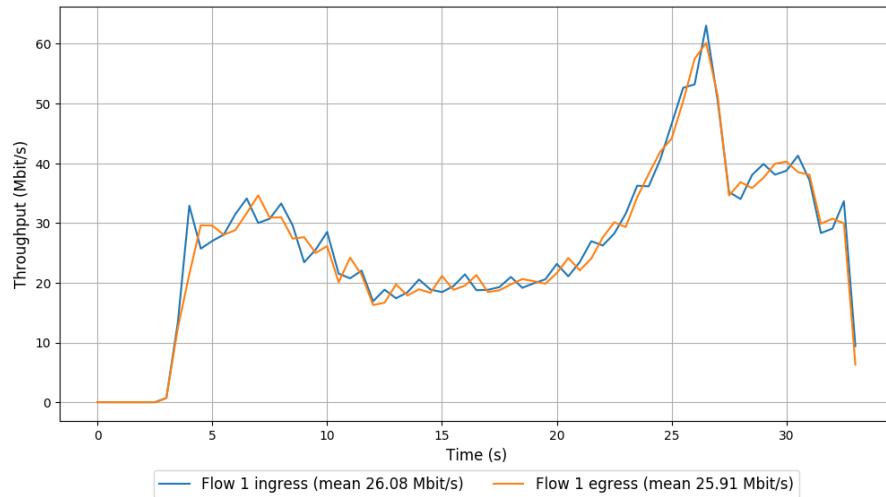


Run 6: Statistics of TCP Cubic

```
Start at: Fri, 23 Jun 2017 21:56:06 +0000
End at: Fri, 23 Jun 2017 21:56:36 +0000
Local clock offset: 0.014 ms
Remote clock offset: -16.801 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:46:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.91 Mbit/s
95th percentile per-packet one-way delay: 42.224 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 25.91 Mbit/s
95th percentile per-packet one-way delay: 42.224 ms
Loss rate: 0.97%
```

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 22:13:37 +0000

End at: Fri, 23 Jun 2017 22:14:07 +0000

Local clock offset: 2.535 ms

Remote clock offset: -18.829 ms

Below is generated by plot.py at Fri, 23 Jun 2017 23:46:04 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 36.44 Mbit/s

95th percentile per-packet one-way delay: 38.128 ms

Loss rate: 1.22%

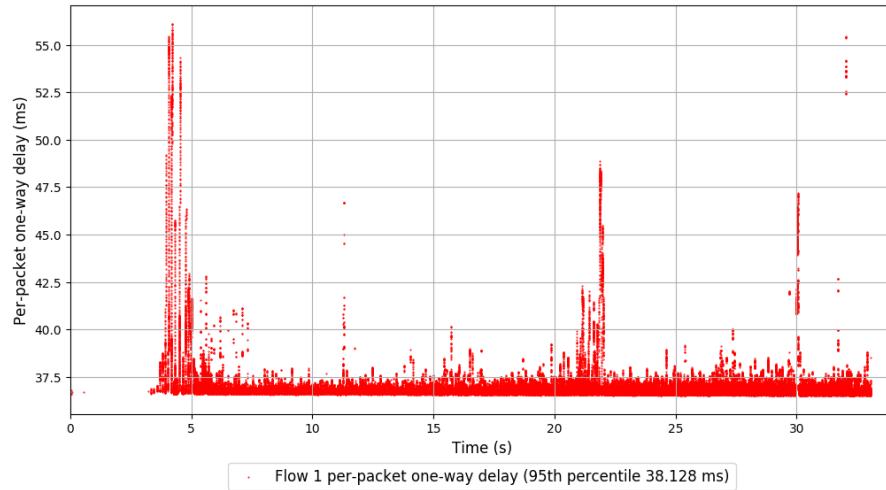
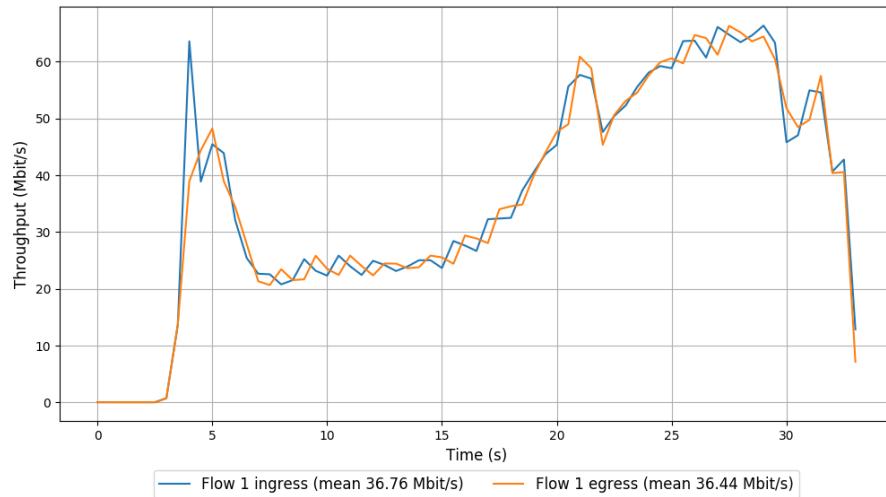
-- Flow 1:

Average throughput: 36.44 Mbit/s

95th percentile per-packet one-way delay: 38.128 ms

Loss rate: 1.22%

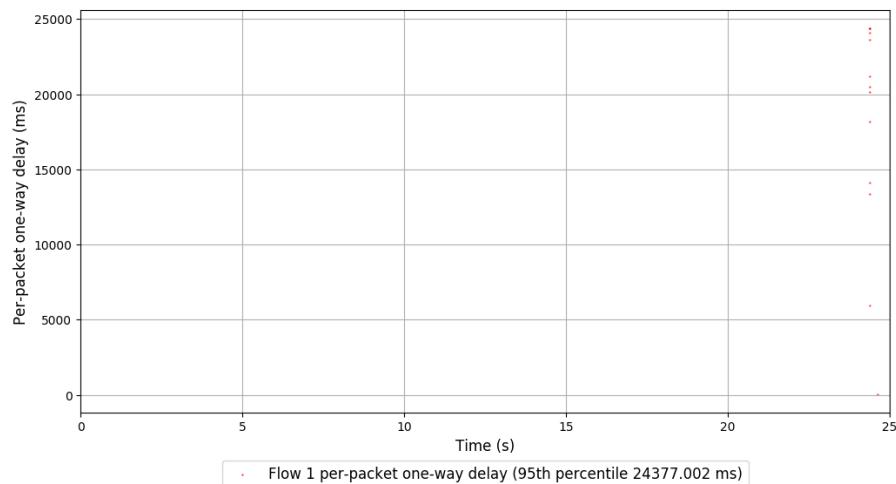
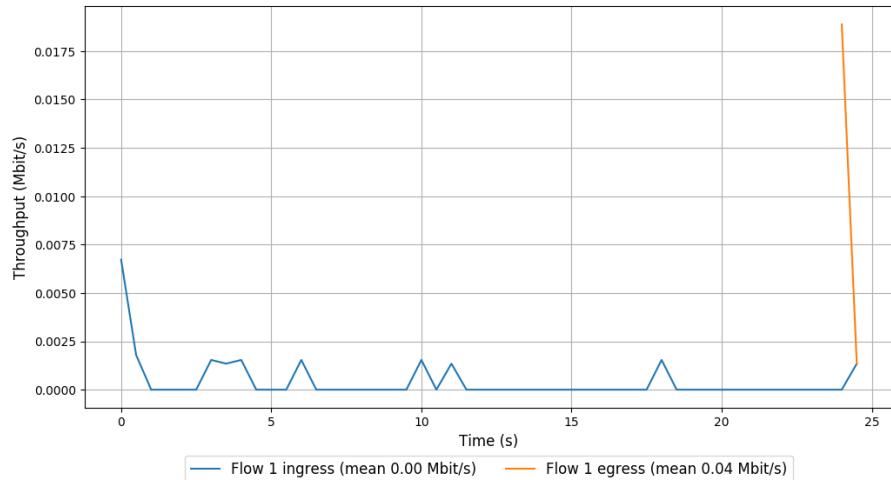
Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 22:31:04 +0000
End at: Fri, 23 Jun 2017 22:31:34 +0000
Local clock offset: 3.618 ms
Remote clock offset: -20.17 ms

Run 8: Report of TCP Cubic — Data Link

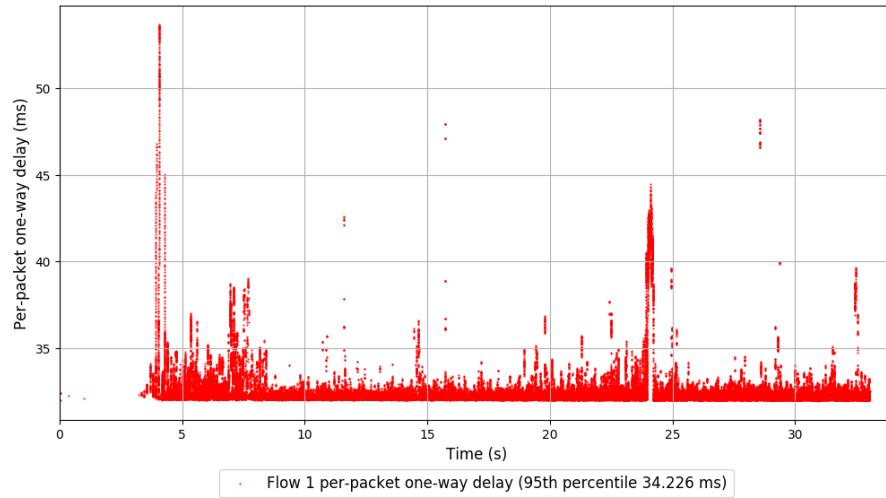
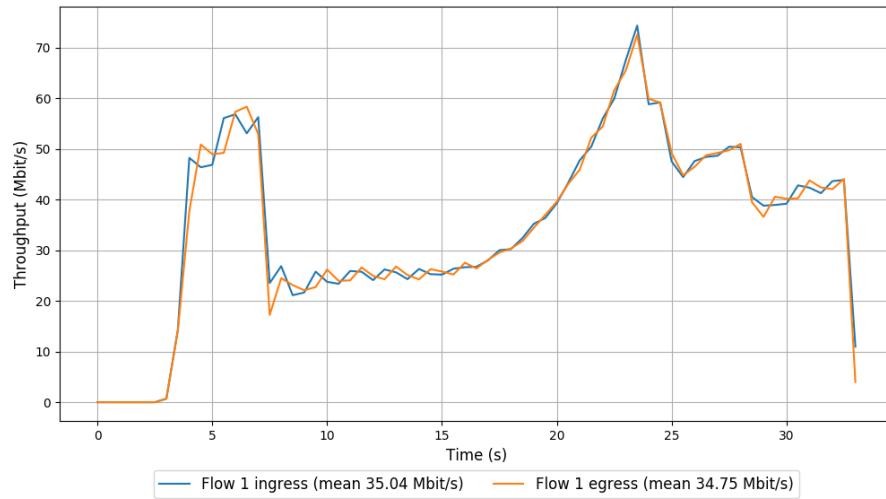


Run 9: Statistics of TCP Cubic

```
Start at: Fri, 23 Jun 2017 22:48:26 +0000
End at: Fri, 23 Jun 2017 22:48:56 +0000
Local clock offset: 4.107 ms
Remote clock offset: -21.836 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:46:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.75 Mbit/s
95th percentile per-packet one-way delay: 34.226 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 34.75 Mbit/s
95th percentile per-packet one-way delay: 34.226 ms
Loss rate: 1.16%
```

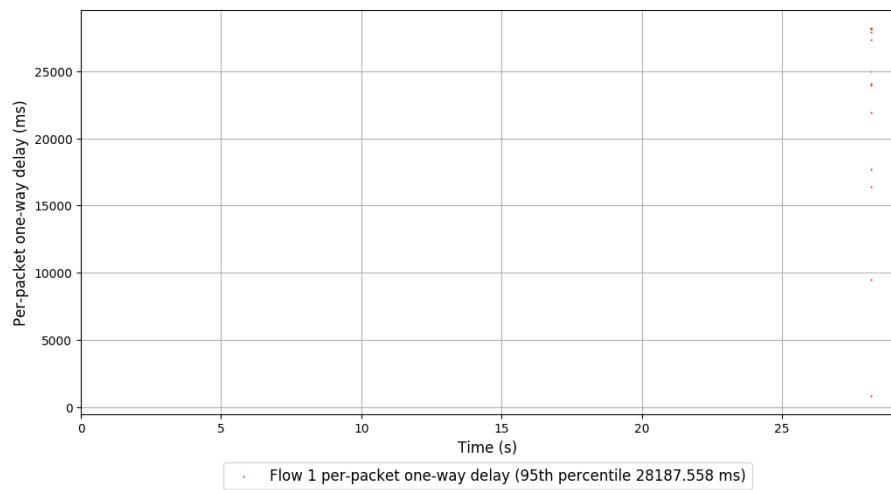
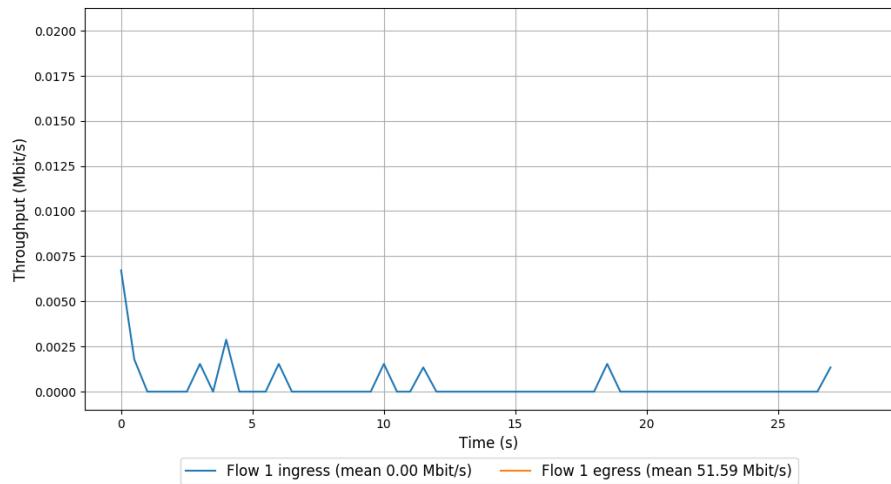
Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: Fri, 23 Jun 2017 23:05:47 +0000
End at: Fri, 23 Jun 2017 23:06:17 +0000
Local clock offset: 4.315 ms
Remote clock offset: -22.478 ms

Run 10: Report of TCP Cubic — Data Link



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

```
Start at: Fri, 23 Jun 2017 20:18:15 +0000
```

```
End at: Fri, 23 Jun 2017 20:18:45 +0000
```

```
Local clock offset: -2.667 ms
```

```
Remote clock offset: -7.554 ms
```

```
# Below is generated by plot.py at Fri, 23 Jun 2017 23:46:10 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 9.09 Mbit/s
```

```
95th percentile per-packet one-way delay: 54.308 ms
```

```
Loss rate: 0.40%
```

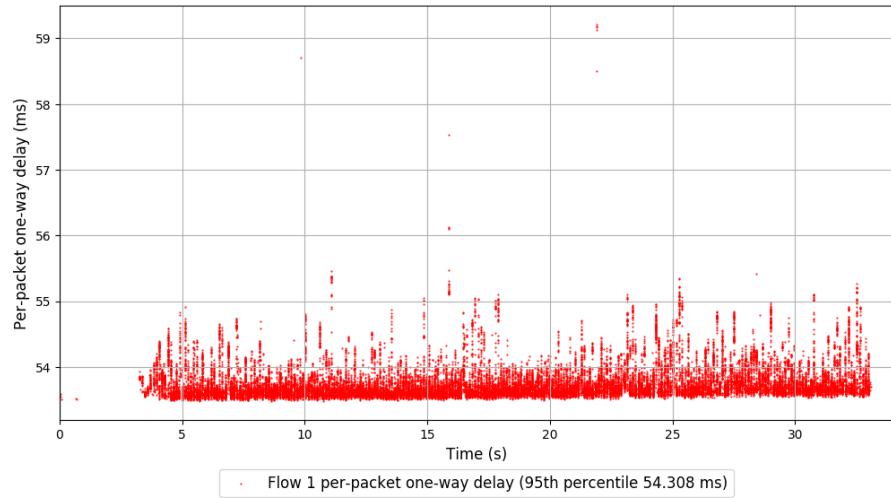
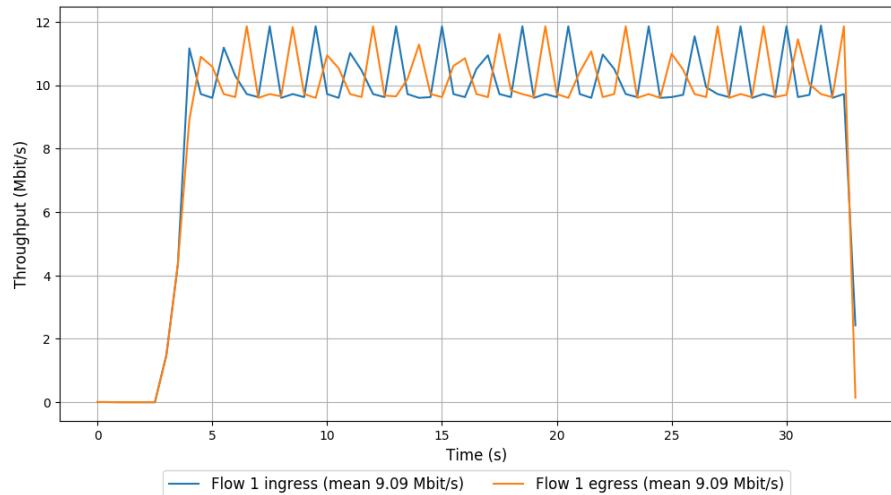
```
-- Flow 1:
```

```
Average throughput: 9.09 Mbit/s
```

```
95th percentile per-packet one-way delay: 54.308 ms
```

```
Loss rate: 0.40%
```

Run 1: Report of KohoCC — Data Link

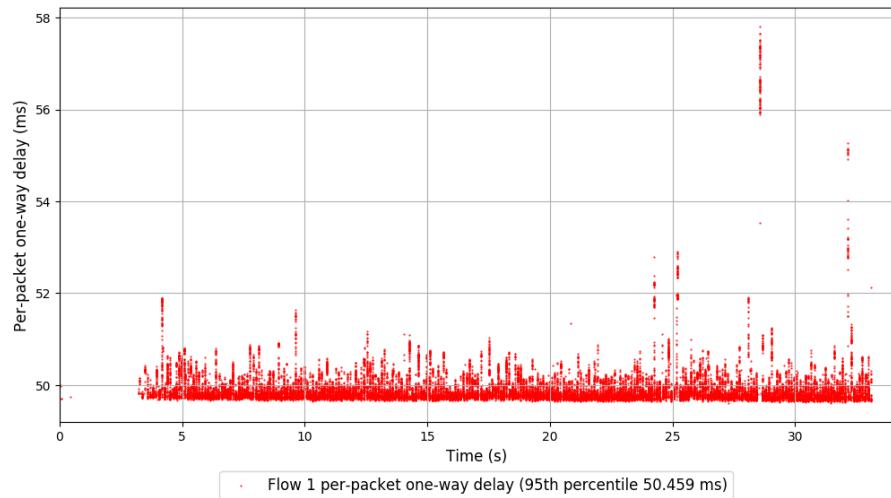
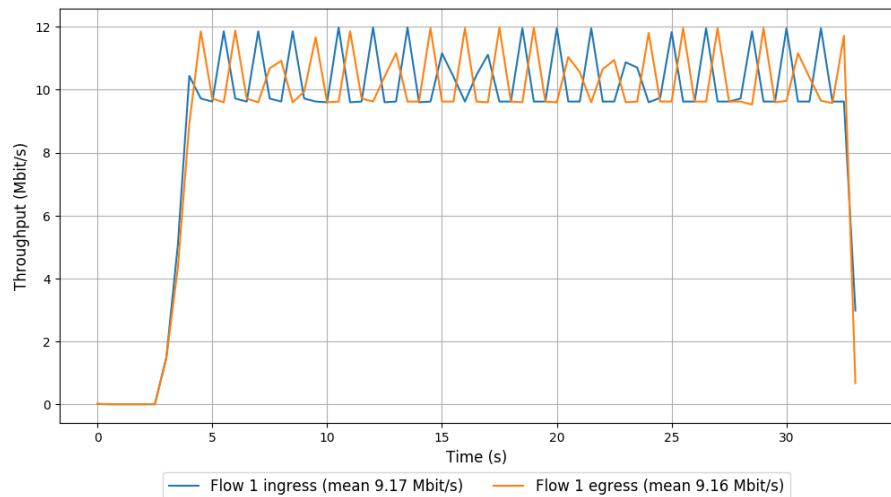


Run 2: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 20:35:38 +0000
End at: Fri, 23 Jun 2017 20:36:09 +0000
Local clock offset: -0.207 ms
Remote clock offset: -8.607 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:46:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.16 Mbit/s
95th percentile per-packet one-way delay: 50.459 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 9.16 Mbit/s
95th percentile per-packet one-way delay: 50.459 ms
Loss rate: 0.47%
```

Run 2: Report of KohoCC — Data Link

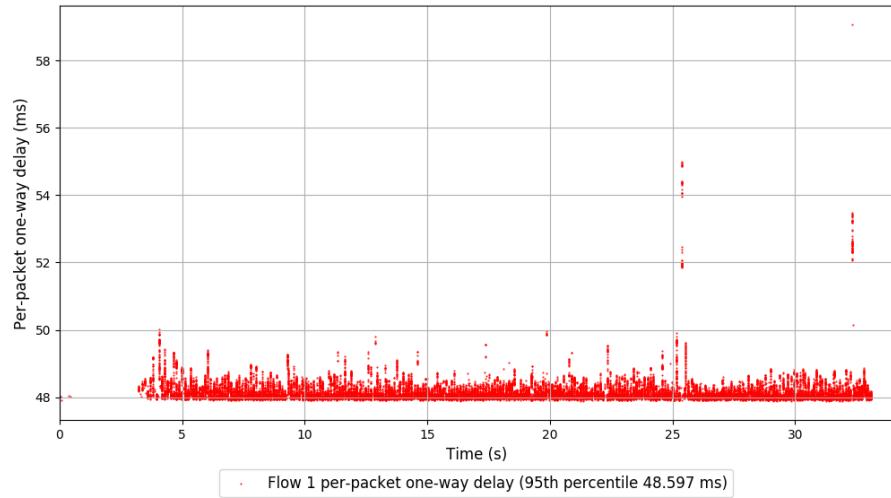
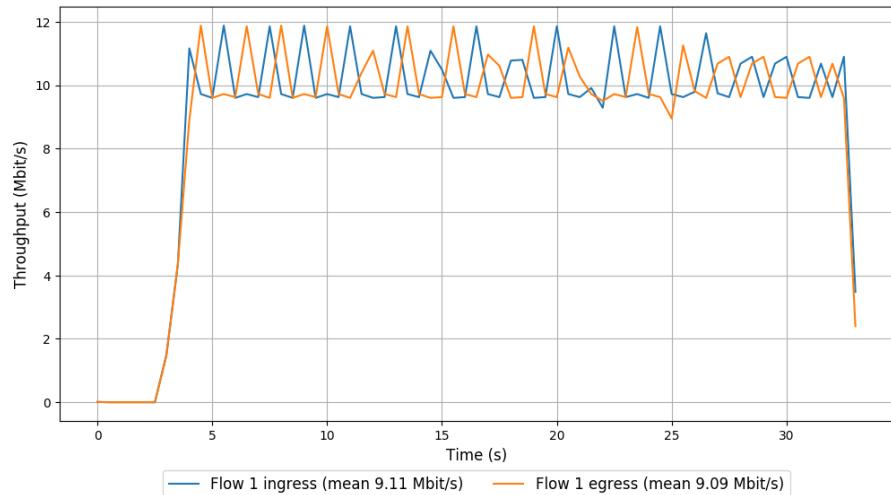


Run 3: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 20:53:05 +0000
End at: Fri, 23 Jun 2017 20:53:35 +0000
Local clock offset: 1.253 ms
Remote clock offset: -9.014 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:46:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.09 Mbit/s
95th percentile per-packet one-way delay: 48.597 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 9.09 Mbit/s
95th percentile per-packet one-way delay: 48.597 ms
Loss rate: 0.59%
```

Run 3: Report of KohoCC — Data Link

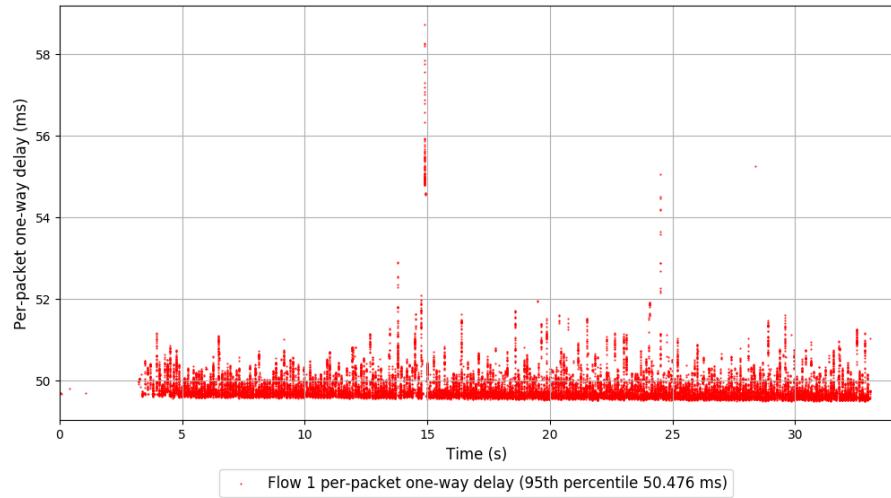
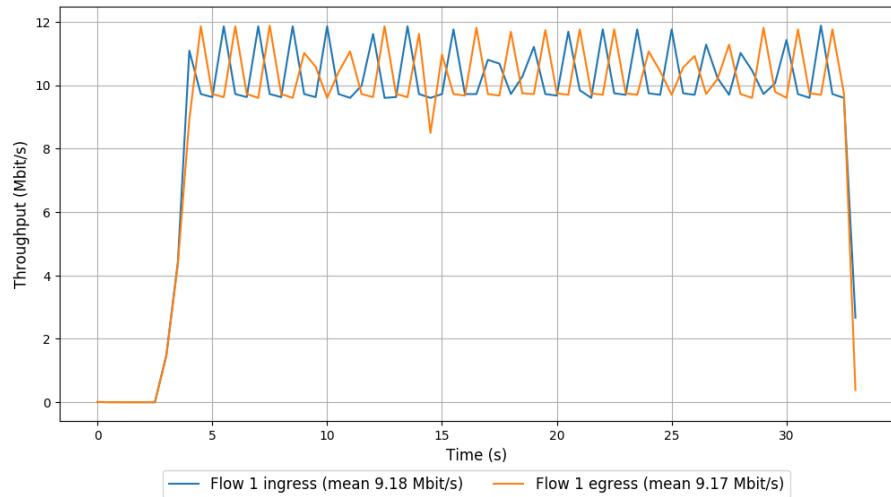


Run 4: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 21:10:22 +0000
End at: Fri, 23 Jun 2017 21:10:52 +0000
Local clock offset: -0.954 ms
Remote clock offset: -9.764 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:46:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.17 Mbit/s
95th percentile per-packet one-way delay: 50.476 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 9.17 Mbit/s
95th percentile per-packet one-way delay: 50.476 ms
Loss rate: 0.41%
```

Run 4: Report of KohoCC — Data Link

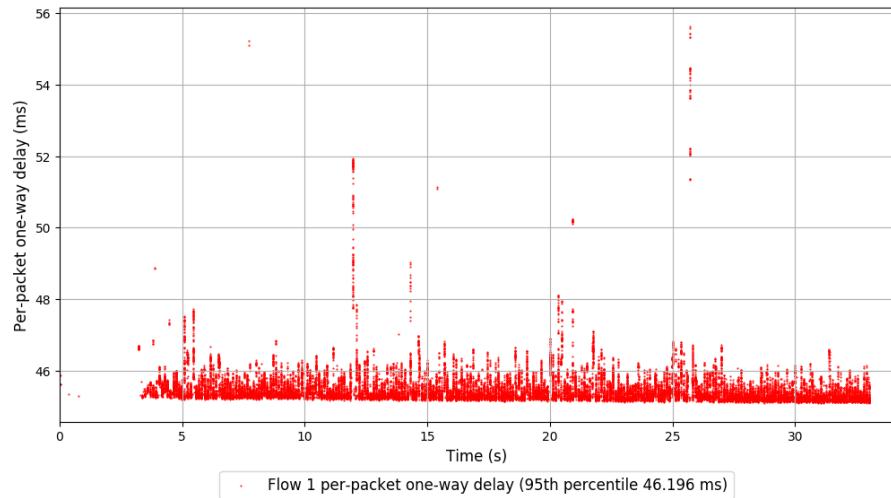
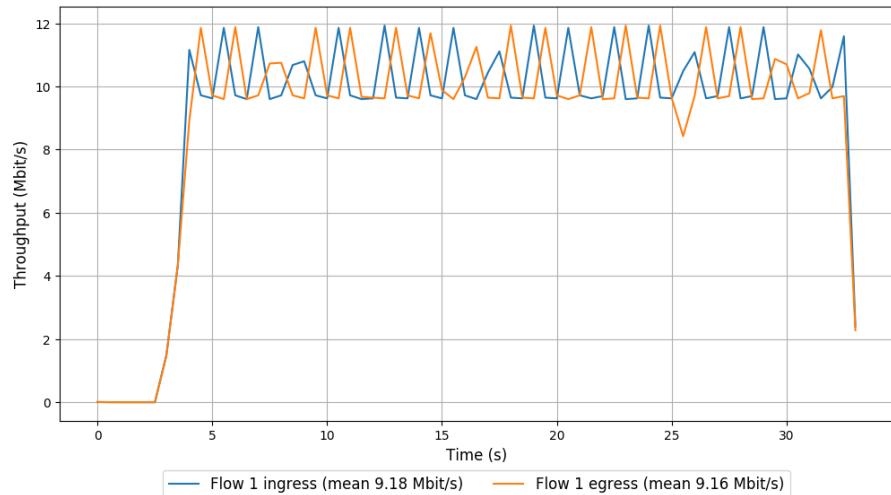


Run 5: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 21:27:55 +0000
End at: Fri, 23 Jun 2017 21:28:25 +0000
Local clock offset: -0.441 ms
Remote clock offset: -13.157 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:46:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.16 Mbit/s
95th percentile per-packet one-way delay: 46.196 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 9.16 Mbit/s
95th percentile per-packet one-way delay: 46.196 ms
Loss rate: 0.59%
```

Run 5: Report of KohoCC — Data Link

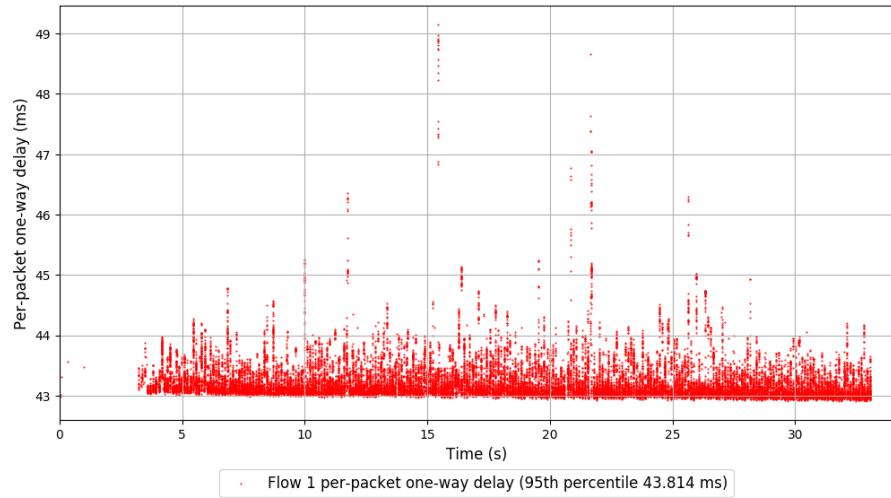
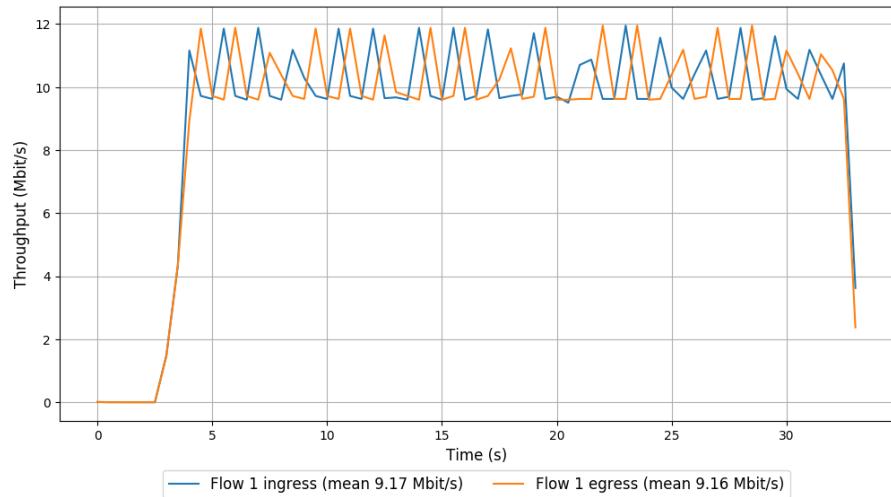


Run 6: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 21:45:15 +0000
End at: Fri, 23 Jun 2017 21:45:46 +0000
Local clock offset: -0.325 ms
Remote clock offset: -15.868 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:46:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.16 Mbit/s
95th percentile per-packet one-way delay: 43.814 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 9.16 Mbit/s
95th percentile per-packet one-way delay: 43.814 ms
Loss rate: 0.40%
```

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Fri, 23 Jun 2017 22:02:53 +0000

End at: Fri, 23 Jun 2017 22:03:23 +0000

Local clock offset: 0.459 ms

Remote clock offset: -17.613 ms

Below is generated by plot.py at Fri, 23 Jun 2017 23:46:16 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.15 Mbit/s

95th percentile per-packet one-way delay: 40.852 ms

Loss rate: 0.40%

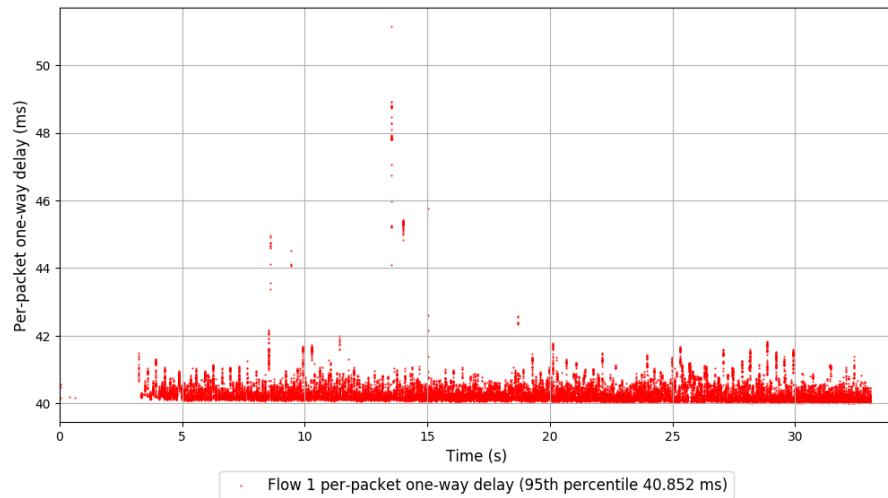
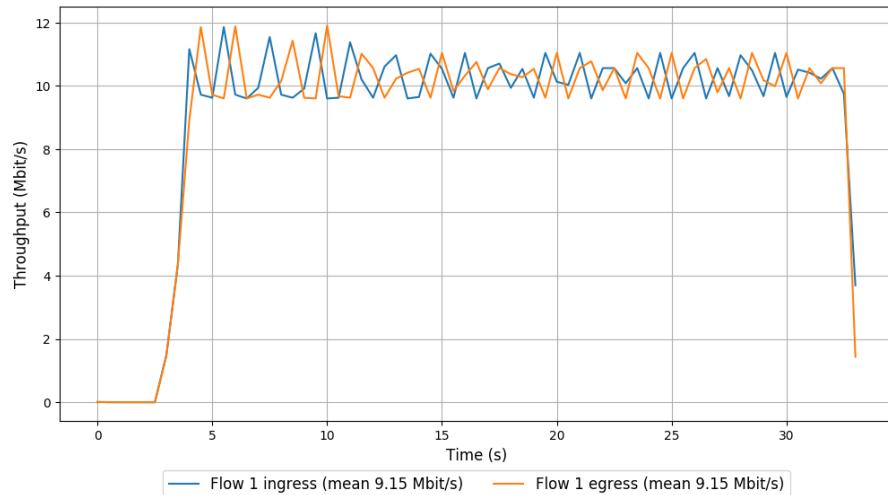
-- Flow 1:

Average throughput: 9.15 Mbit/s

95th percentile per-packet one-way delay: 40.852 ms

Loss rate: 0.40%

Run 7: Report of KohoCC — Data Link

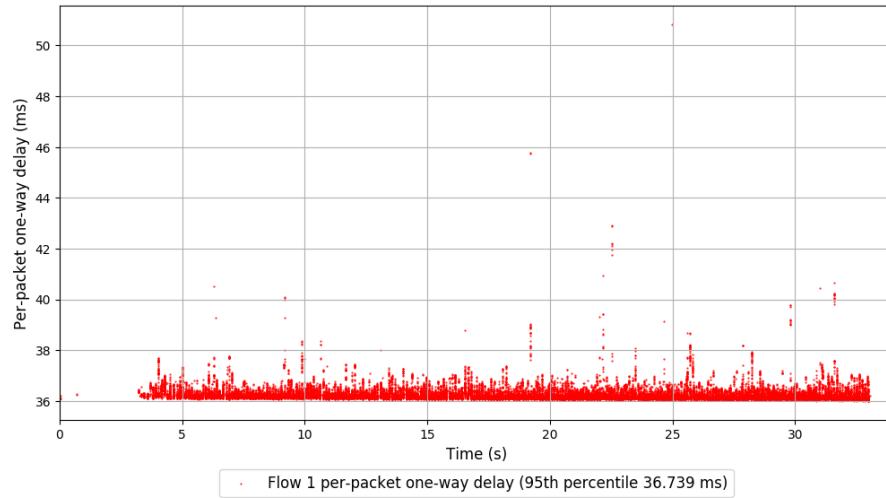
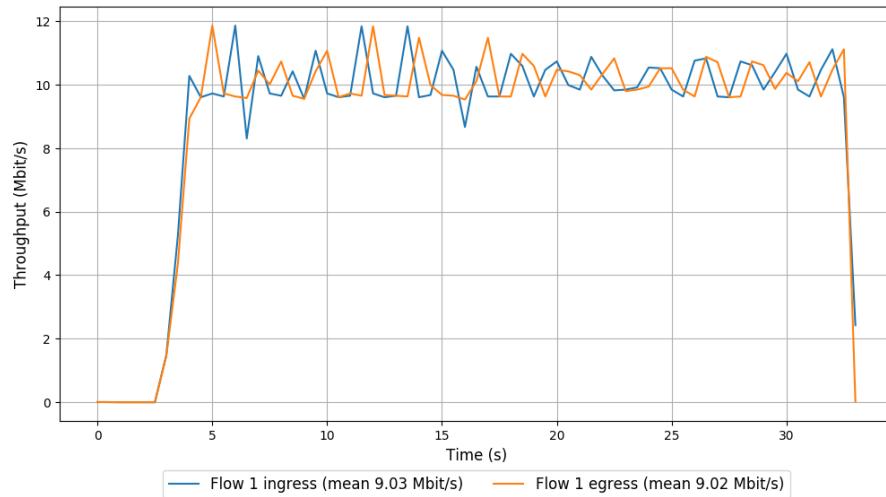


Run 8: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 22:20:21 +0000
End at: Fri, 23 Jun 2017 22:20:51 +0000
Local clock offset: 3.005 ms
Remote clock offset: -20.093 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:46:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.02 Mbit/s
95th percentile per-packet one-way delay: 36.739 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 9.02 Mbit/s
95th percentile per-packet one-way delay: 36.739 ms
Loss rate: 0.41%
```

Run 8: Report of KohoCC — Data Link

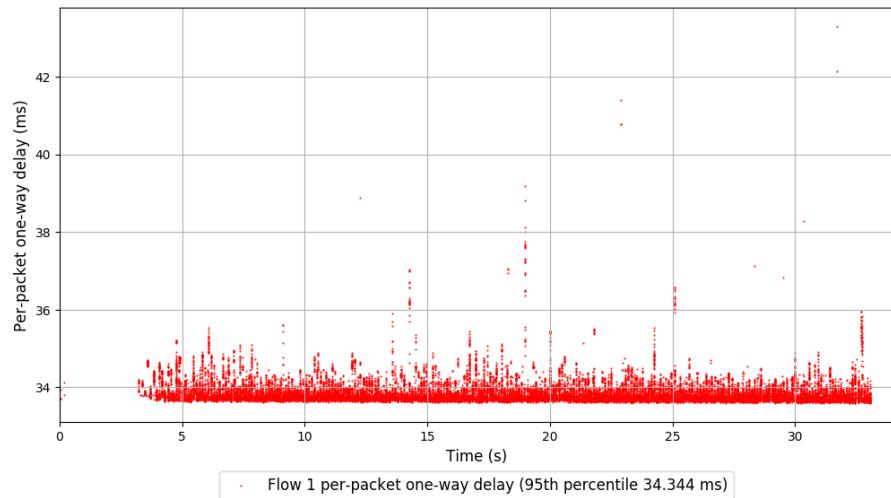
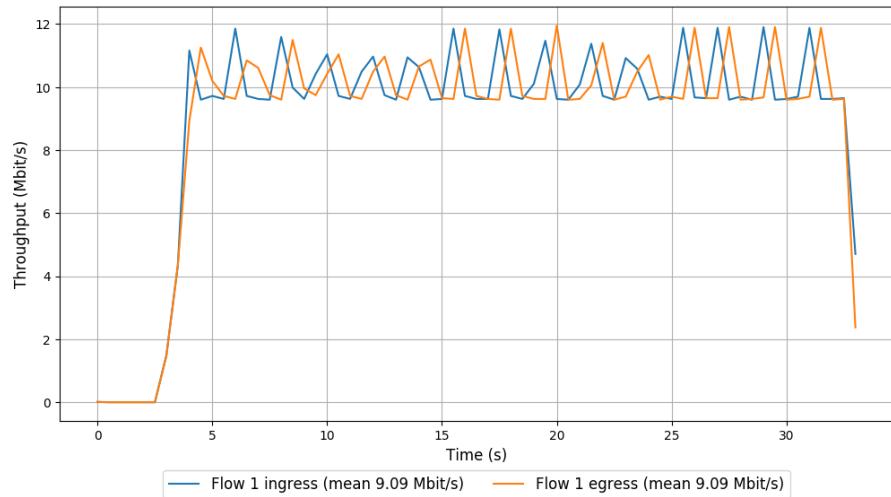


Run 9: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 22:37:44 +0000
End at: Fri, 23 Jun 2017 22:38:14 +0000
Local clock offset: 3.997 ms
Remote clock offset: -20.563 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:46:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.09 Mbit/s
95th percentile per-packet one-way delay: 34.344 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 9.09 Mbit/s
95th percentile per-packet one-way delay: 34.344 ms
Loss rate: 0.40%
```

Run 9: Report of KohoCC — Data Link

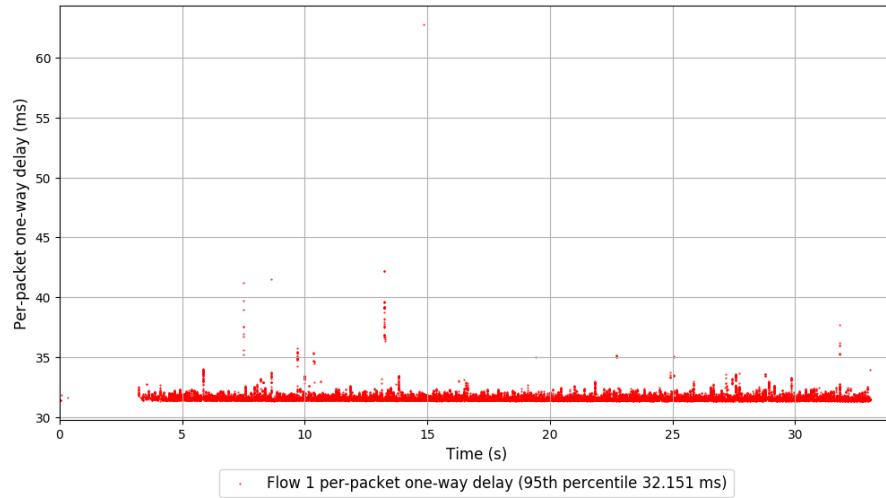
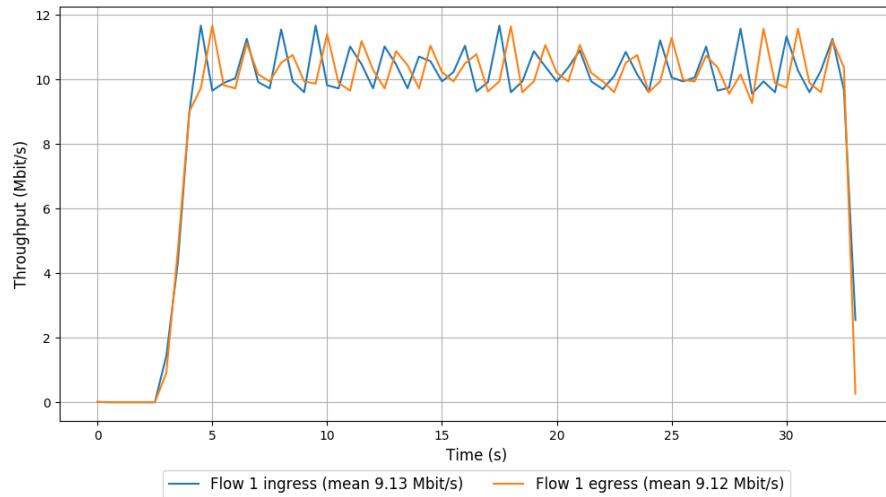


Run 10: Statistics of KohoCC

```
Start at: Fri, 23 Jun 2017 22:55:10 +0000
End at: Fri, 23 Jun 2017 22:55:40 +0000
Local clock offset: 4.171 ms
Remote clock offset: -22.081 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:46:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.12 Mbit/s
95th percentile per-packet one-way delay: 32.151 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 9.12 Mbit/s
95th percentile per-packet one-way delay: 32.151 ms
Loss rate: 0.41%
```

Run 10: Report of KohoCC — Data Link

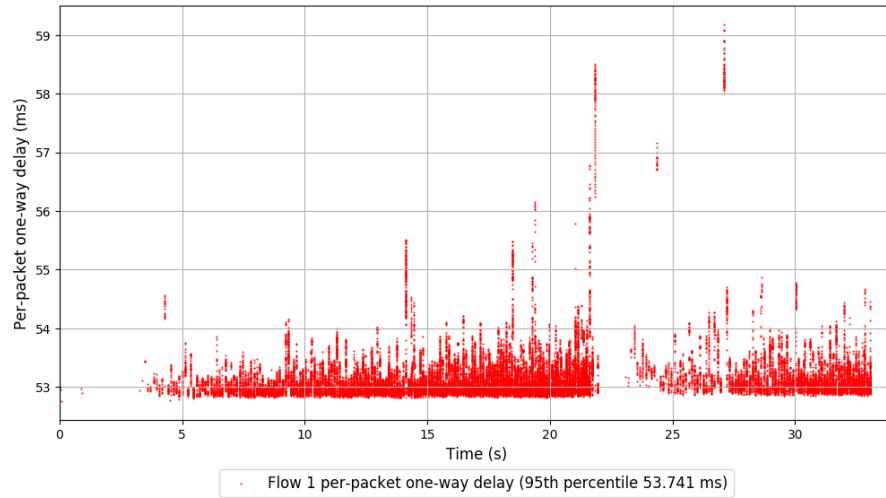
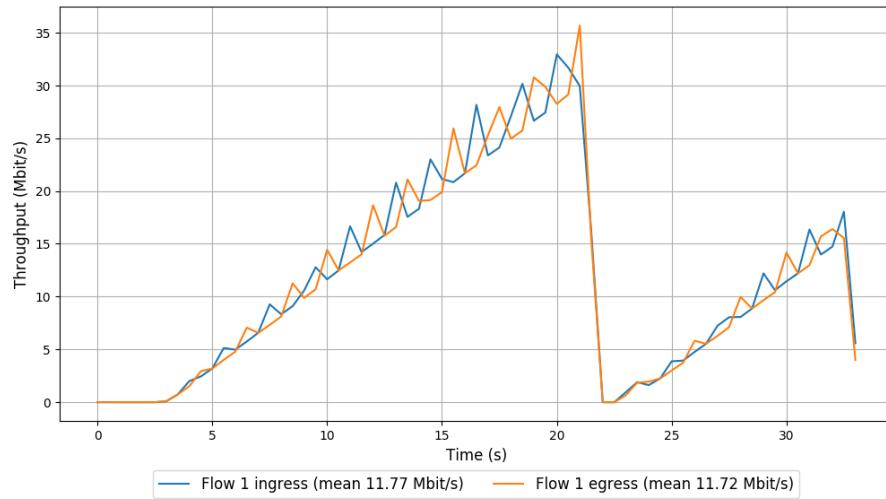


Run 1: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 20:12:40 +0000
End at: Fri, 23 Jun 2017 20:13:10 +0000
Local clock offset: -2.747 ms
Remote clock offset: -8.602 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:46:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.72 Mbit/s
95th percentile per-packet one-way delay: 53.741 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 11.72 Mbit/s
95th percentile per-packet one-way delay: 53.741 ms
Loss rate: 0.81%
```

Run 1: Report of LEDBAT — Data Link

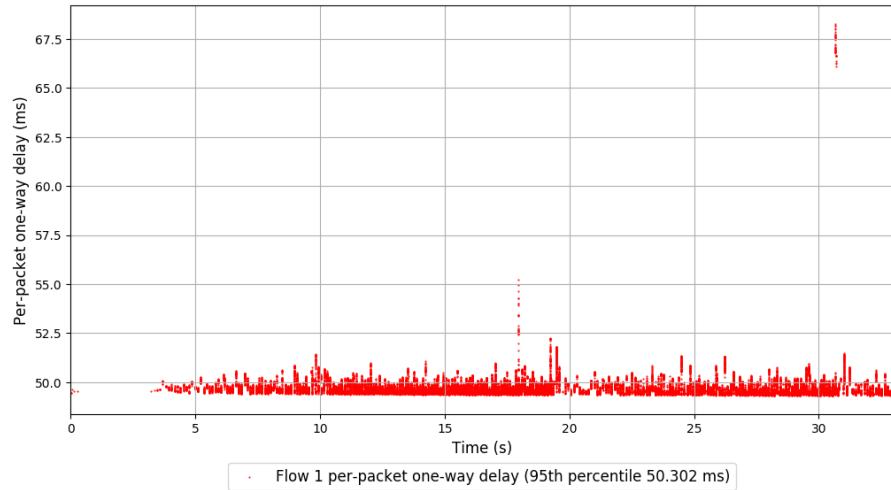
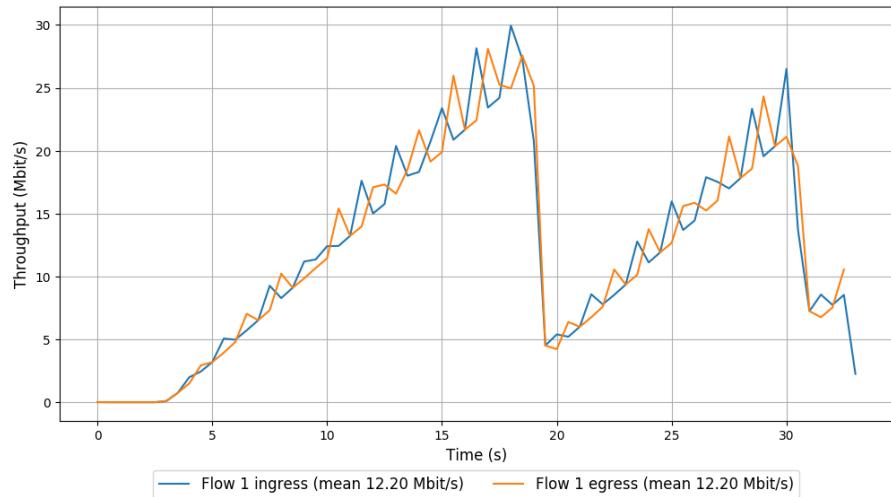


Run 2: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 20:30:04 +0000
End at: Fri, 23 Jun 2017 20:30:34 +0000
Local clock offset: -0.73 ms
Remote clock offset: -8.763 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:46:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.20 Mbit/s
95th percentile per-packet one-way delay: 50.302 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 12.20 Mbit/s
95th percentile per-packet one-way delay: 50.302 ms
Loss rate: 0.36%
```

Run 2: Report of LEDBAT — Data Link

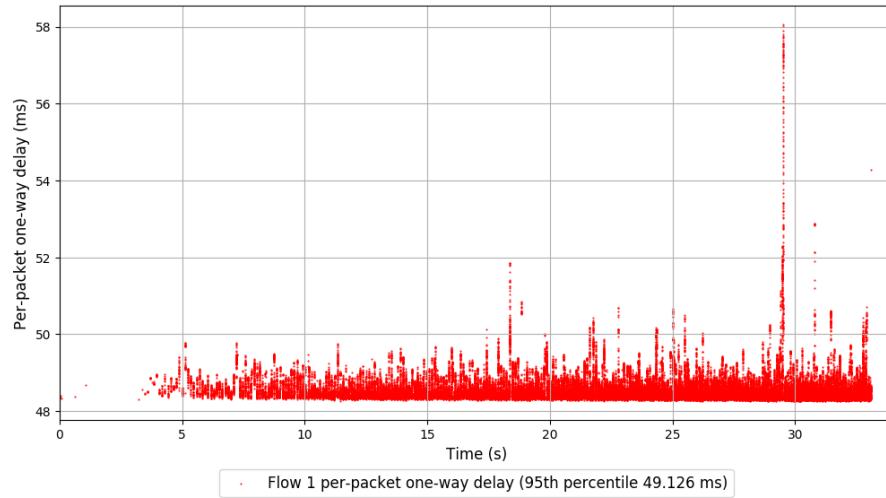
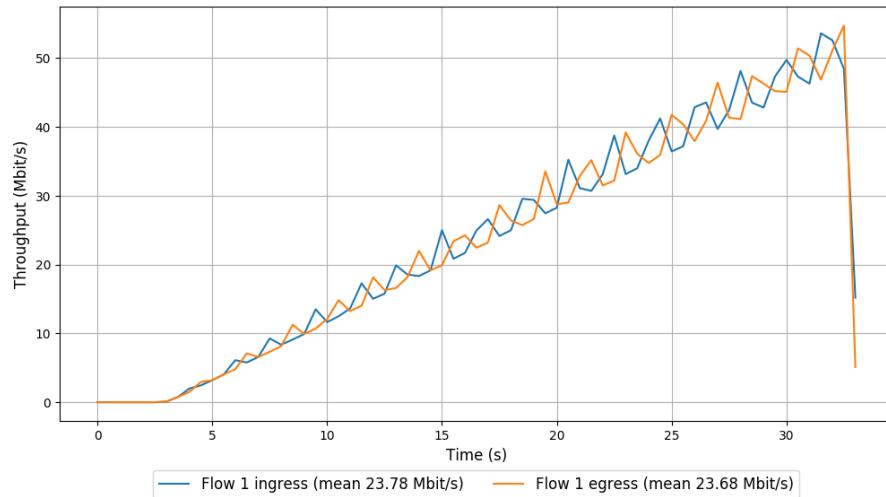


Run 3: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 20:47:30 +0000
End at: Fri, 23 Jun 2017 20:48:00 +0000
Local clock offset: 0.811 ms
Remote clock offset: -8.978 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:46:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.68 Mbit/s
95th percentile per-packet one-way delay: 49.126 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 23.68 Mbit/s
95th percentile per-packet one-way delay: 49.126 ms
Loss rate: 0.77%
```

Run 3: Report of LEDBAT — Data Link

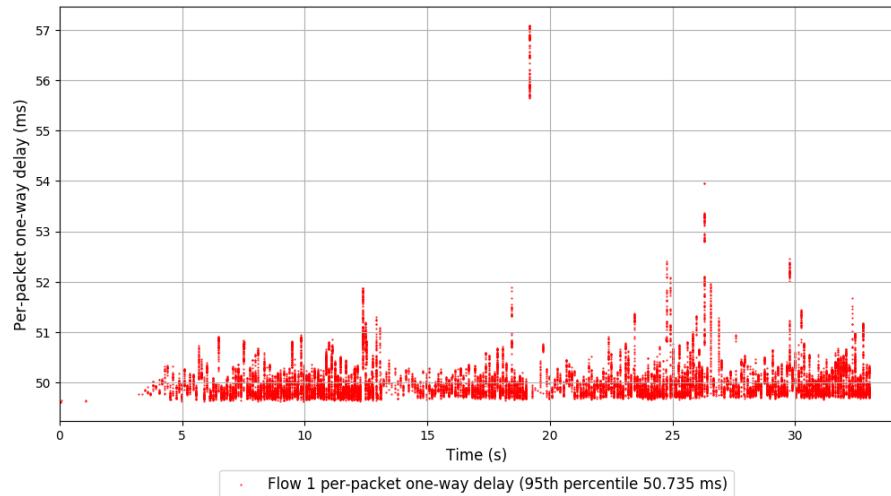
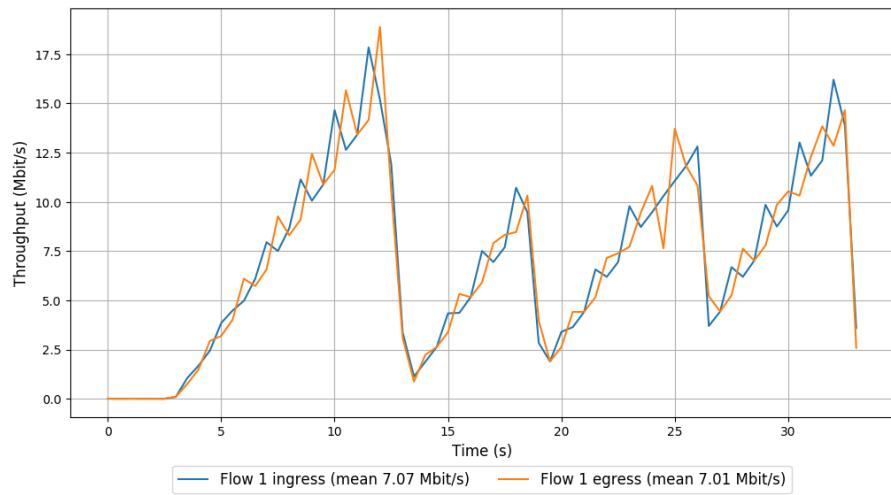


Run 4: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 21:04:48 +0000
End at: Fri, 23 Jun 2017 21:05:18 +0000
Local clock offset: -0.558 ms
Remote clock offset: -9.063 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:46:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.01 Mbit/s
95th percentile per-packet one-way delay: 50.735 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 7.01 Mbit/s
95th percentile per-packet one-way delay: 50.735 ms
Loss rate: 1.26%
```

Run 4: Report of LEDBAT — Data Link

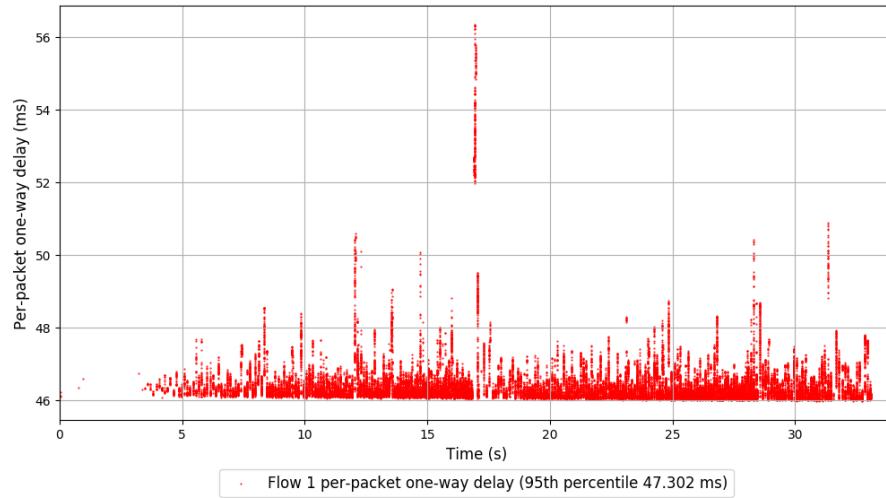
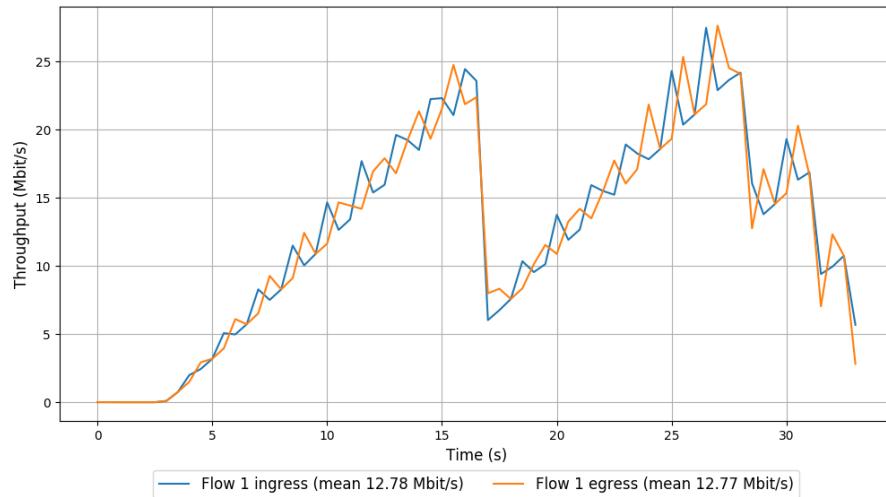


Run 5: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 21:22:20 +0000
End at: Fri, 23 Jun 2017 21:22:50 +0000
Local clock offset: -0.772 ms
Remote clock offset: -12.564 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:46:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.77 Mbit/s
95th percentile per-packet one-way delay: 47.302 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 12.77 Mbit/s
95th percentile per-packet one-way delay: 47.302 ms
Loss rate: 0.40%
```

Run 5: Report of LEDBAT — Data Link

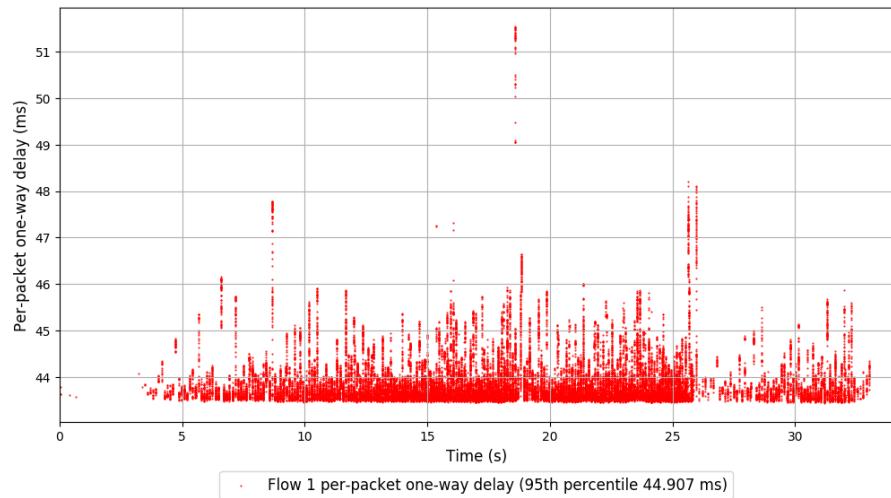
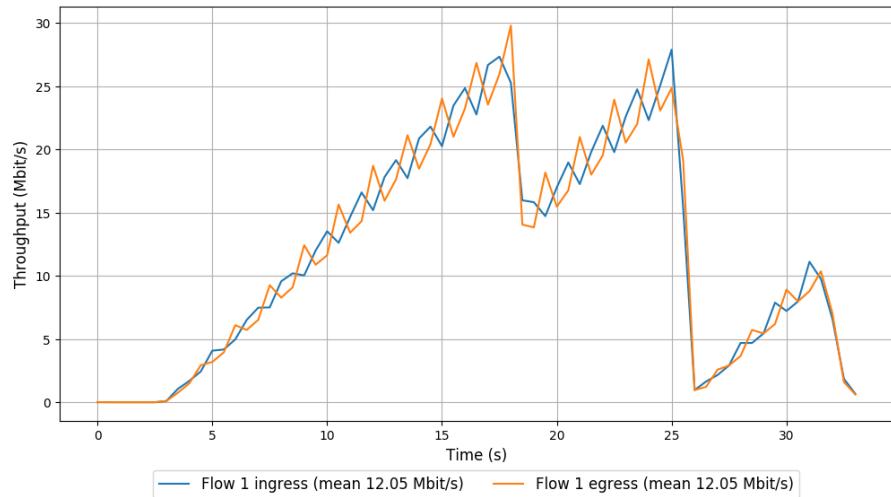


Run 6: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 21:39:41 +0000
End at: Fri, 23 Jun 2017 21:40:11 +0000
Local clock offset: -0.388 ms
Remote clock offset: -14.589 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:46:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.05 Mbit/s
95th percentile per-packet one-way delay: 44.907 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 12.05 Mbit/s
95th percentile per-packet one-way delay: 44.907 ms
Loss rate: 0.42%
```

Run 6: Report of LEDBAT — Data Link

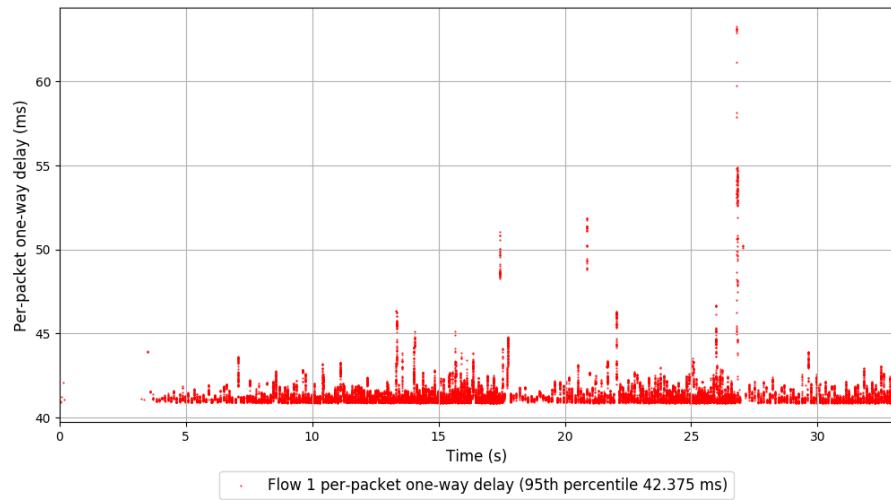
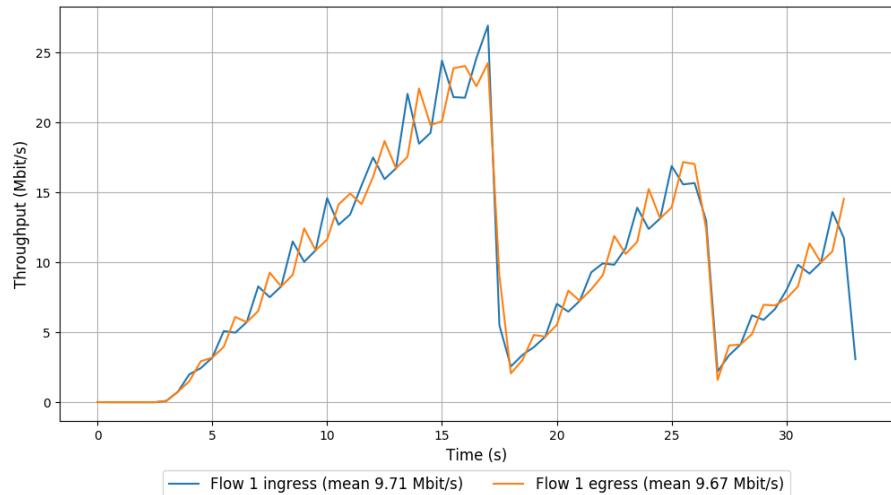


Run 7: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 21:57:19 +0000
End at: Fri, 23 Jun 2017 21:57:49 +0000
Local clock offset: 0.087 ms
Remote clock offset: -17.486 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:46:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.67 Mbit/s
95th percentile per-packet one-way delay: 42.375 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 9.67 Mbit/s
95th percentile per-packet one-way delay: 42.375 ms
Loss rate: 0.73%
```

Run 7: Report of LEDBAT — Data Link

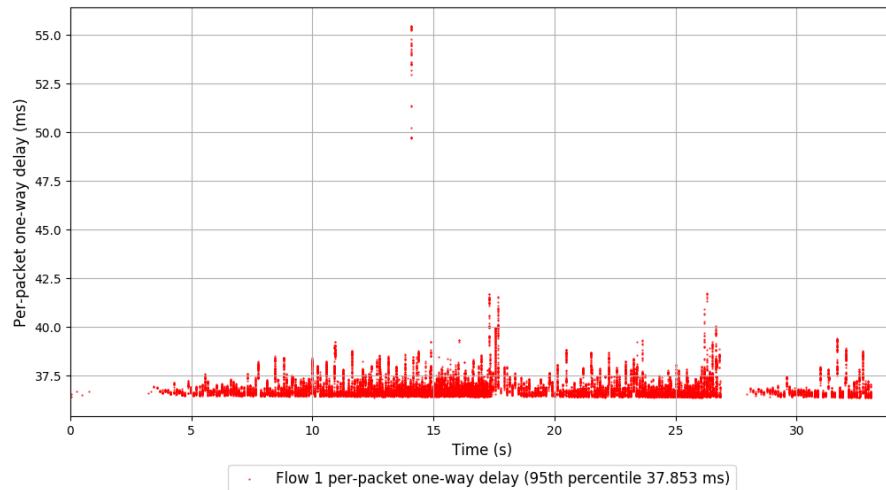
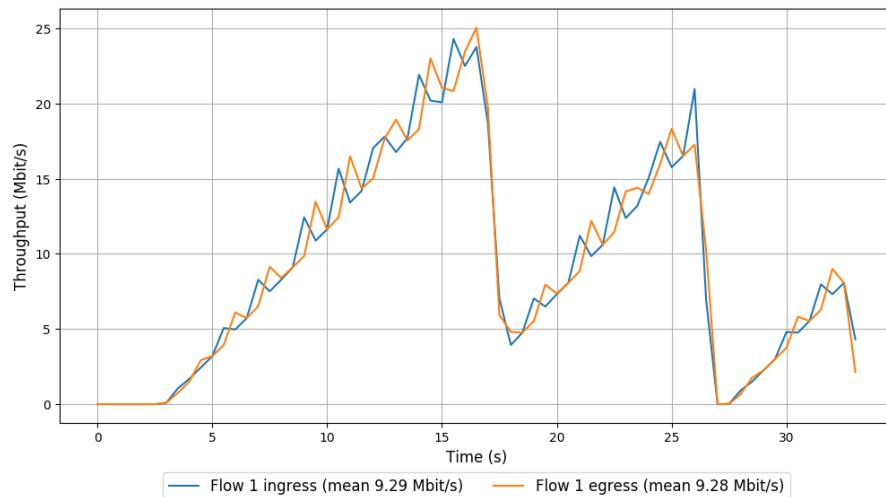


Run 8: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 22:14:47 +0000
End at: Fri, 23 Jun 2017 22:15:17 +0000
Local clock offset: 2.581 ms
Remote clock offset: -18.815 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:46:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.28 Mbit/s
95th percentile per-packet one-way delay: 37.853 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 9.28 Mbit/s
95th percentile per-packet one-way delay: 37.853 ms
Loss rate: 0.49%
```

Run 8: Report of LEDBAT — Data Link

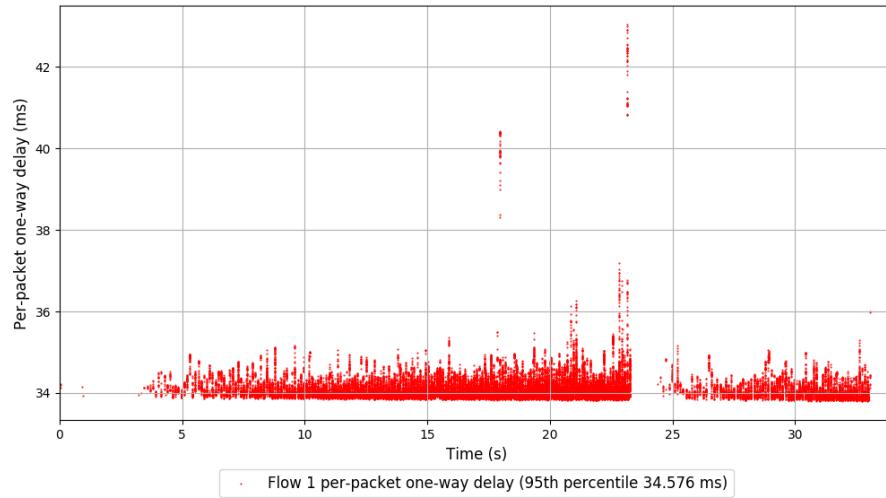
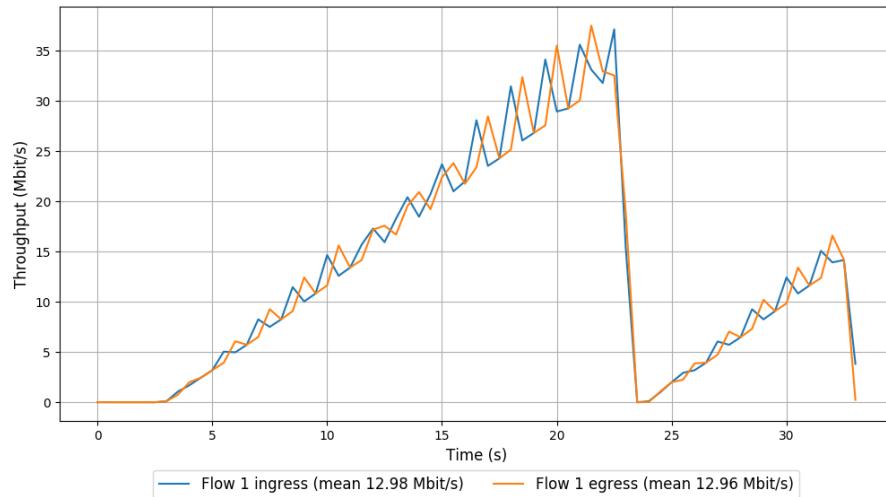


Run 9: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 22:32:10 +0000
End at: Fri, 23 Jun 2017 22:32:40 +0000
Local clock offset: 3.713 ms
Remote clock offset: -20.453 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:46:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.96 Mbit/s
95th percentile per-packet one-way delay: 34.576 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 12.96 Mbit/s
95th percentile per-packet one-way delay: 34.576 ms
Loss rate: 0.55%
```

Run 9: Report of LEDBAT — Data Link

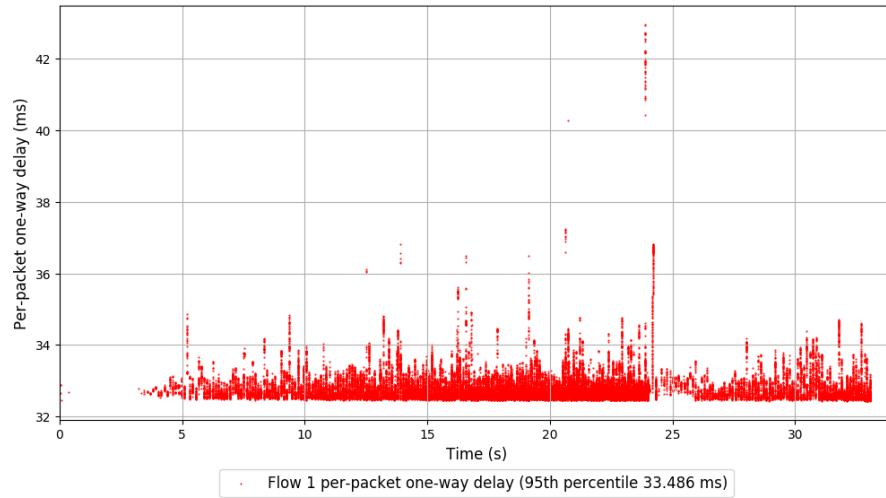
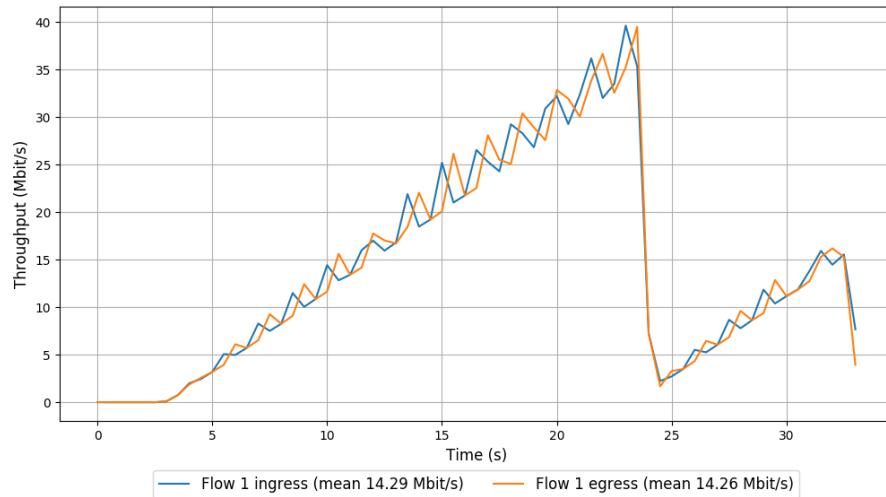


Run 10: Statistics of LEDBAT

```
Start at: Fri, 23 Jun 2017 22:49:35 +0000
End at: Fri, 23 Jun 2017 22:50:05 +0000
Local clock offset: 4.118 ms
Remote clock offset: -21.599 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:46:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.26 Mbit/s
95th percentile per-packet one-way delay: 33.486 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 14.26 Mbit/s
95th percentile per-packet one-way delay: 33.486 ms
Loss rate: 0.54%
```

Run 10: Report of LEDBAT — Data Link

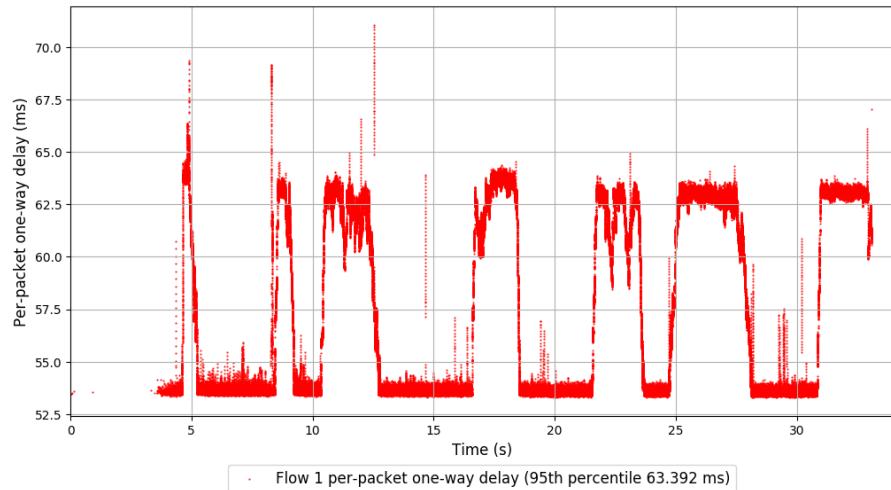
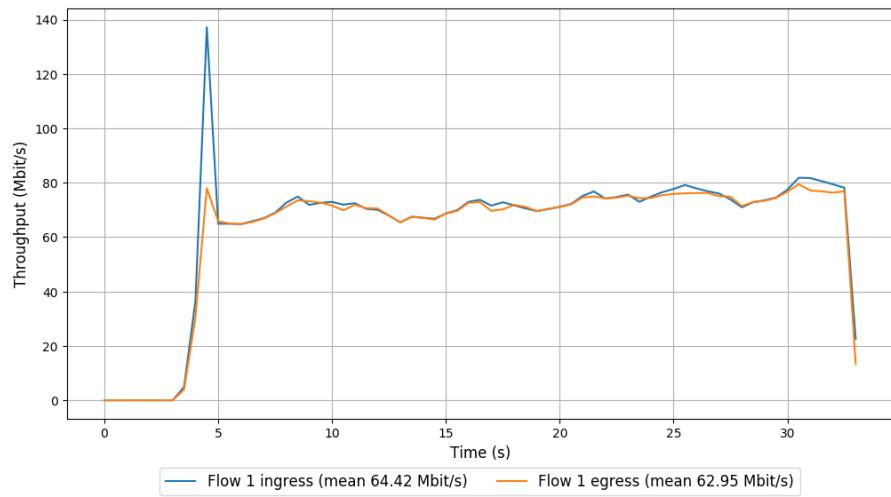


Run 1: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 20:20:29 +0000
End at: Fri, 23 Jun 2017 20:20:59 +0000
Local clock offset: -2.601 ms
Remote clock offset: -7.46 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:46:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.95 Mbit/s
95th percentile per-packet one-way delay: 63.392 ms
Loss rate: 2.61%
-- Flow 1:
Average throughput: 62.95 Mbit/s
95th percentile per-packet one-way delay: 63.392 ms
Loss rate: 2.61%
```

Run 1: Report of PCC — Data Link

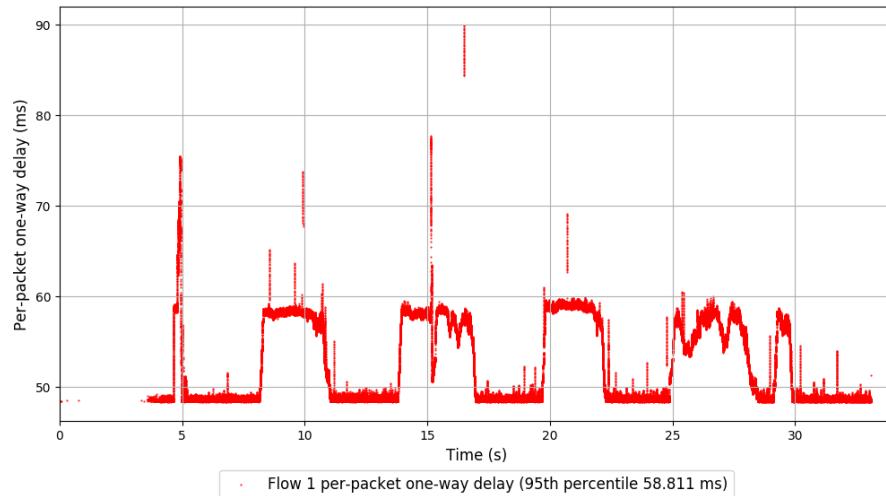
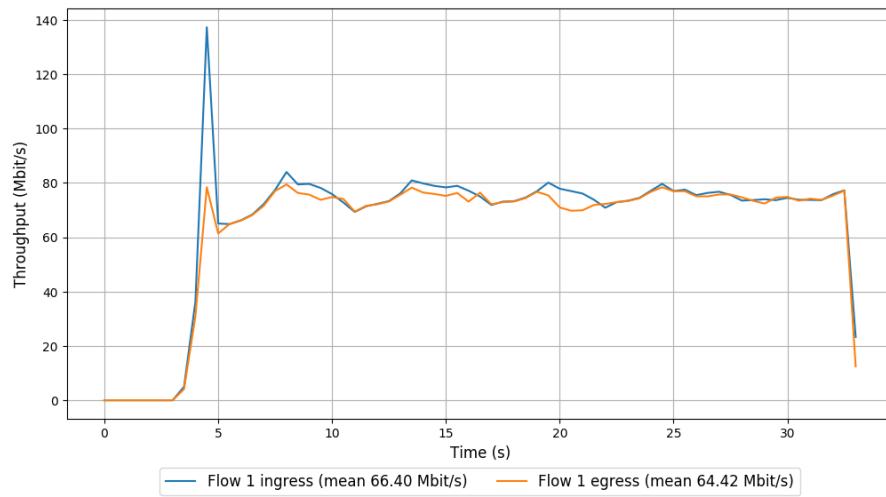


Run 2: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 20:37:52 +0000
End at: Fri, 23 Jun 2017 20:38:22 +0000
Local clock offset: -0.047 ms
Remote clock offset: -9.12 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:46:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.42 Mbit/s
95th percentile per-packet one-way delay: 58.811 ms
Loss rate: 3.31%
-- Flow 1:
Average throughput: 64.42 Mbit/s
95th percentile per-packet one-way delay: 58.811 ms
Loss rate: 3.31%
```

Run 2: Report of PCC — Data Link

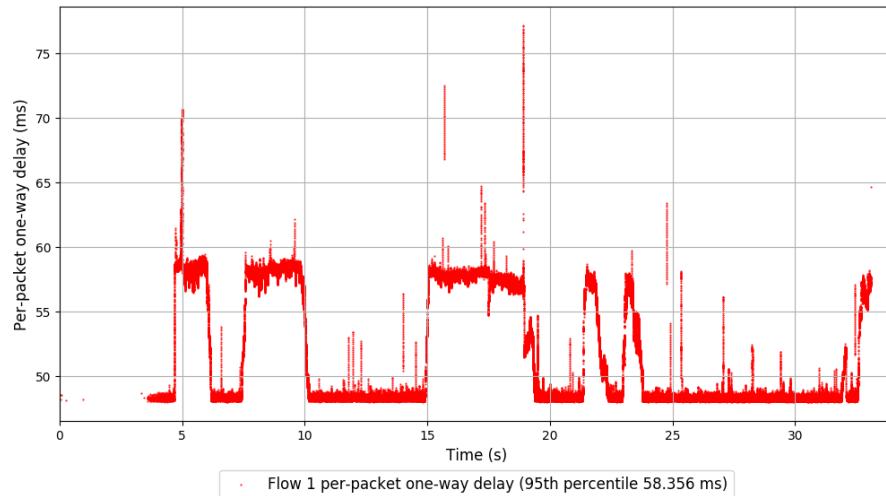
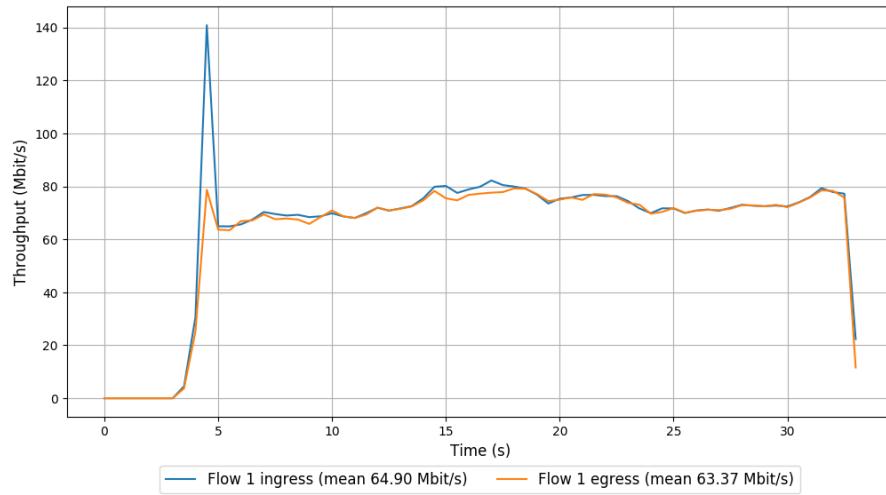


Run 3: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 20:55:18 +0000
End at: Fri, 23 Jun 2017 20:55:48 +0000
Local clock offset: 1.378 ms
Remote clock offset: -9.062 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:46:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.37 Mbit/s
95th percentile per-packet one-way delay: 58.356 ms
Loss rate: 2.68%
-- Flow 1:
Average throughput: 63.37 Mbit/s
95th percentile per-packet one-way delay: 58.356 ms
Loss rate: 2.68%
```

Run 3: Report of PCC — Data Link

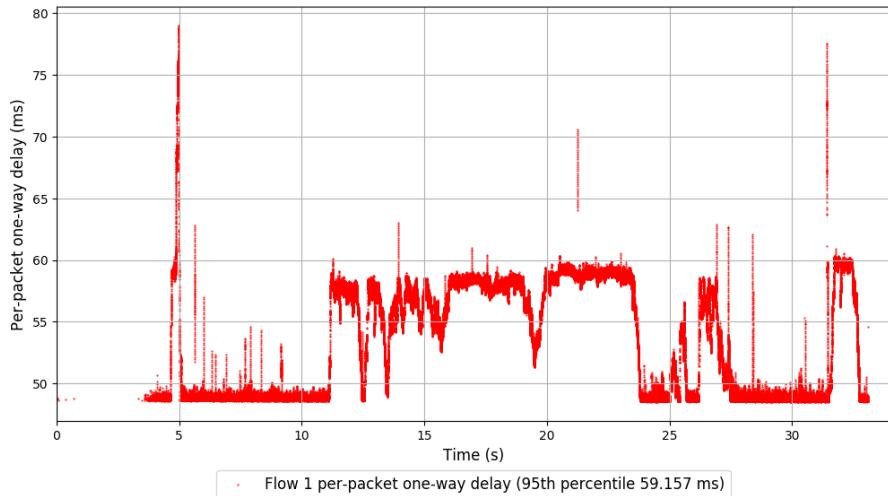
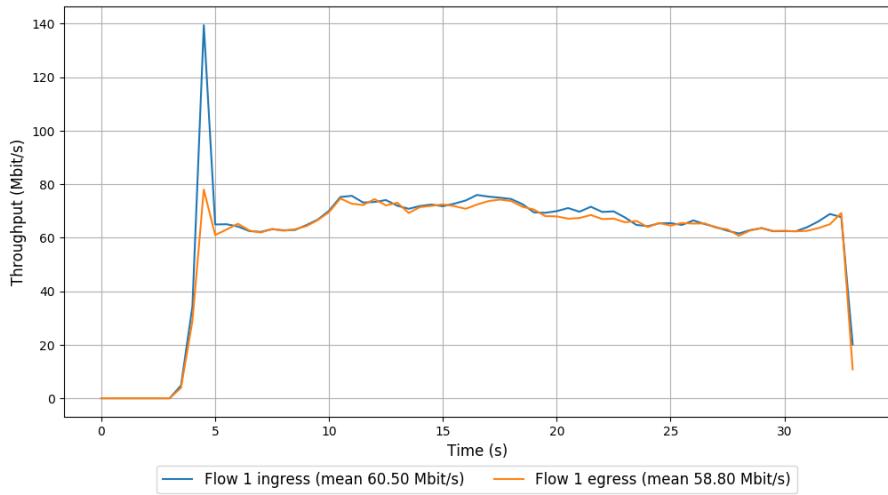


Run 4: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 21:12:36 +0000
End at: Fri, 23 Jun 2017 21:13:06 +0000
Local clock offset: -1.001 ms
Remote clock offset: -10.417 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:46:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.80 Mbit/s
95th percentile per-packet one-way delay: 59.157 ms
Loss rate: 3.13%
-- Flow 1:
Average throughput: 58.80 Mbit/s
95th percentile per-packet one-way delay: 59.157 ms
Loss rate: 3.13%
```

Run 4: Report of PCC — Data Link

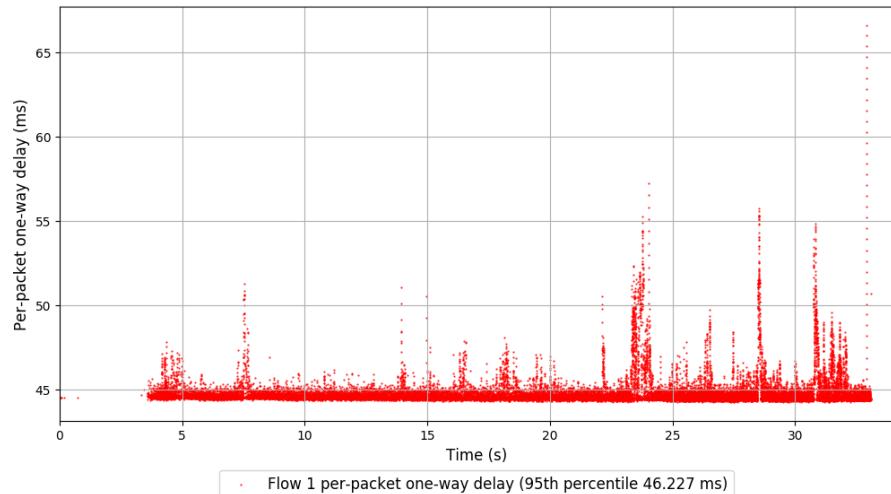
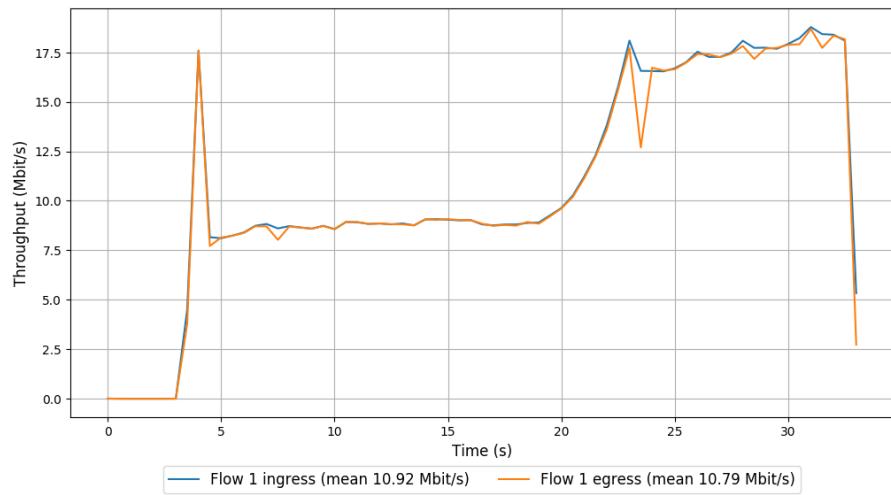


Run 5: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 21:30:09 +0000
End at: Fri, 23 Jun 2017 21:30:39 +0000
Local clock offset: -0.319 ms
Remote clock offset: -13.872 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:46:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.79 Mbit/s
95th percentile per-packet one-way delay: 46.227 ms
Loss rate: 1.58%
-- Flow 1:
Average throughput: 10.79 Mbit/s
95th percentile per-packet one-way delay: 46.227 ms
Loss rate: 1.58%
```

Run 5: Report of PCC — Data Link

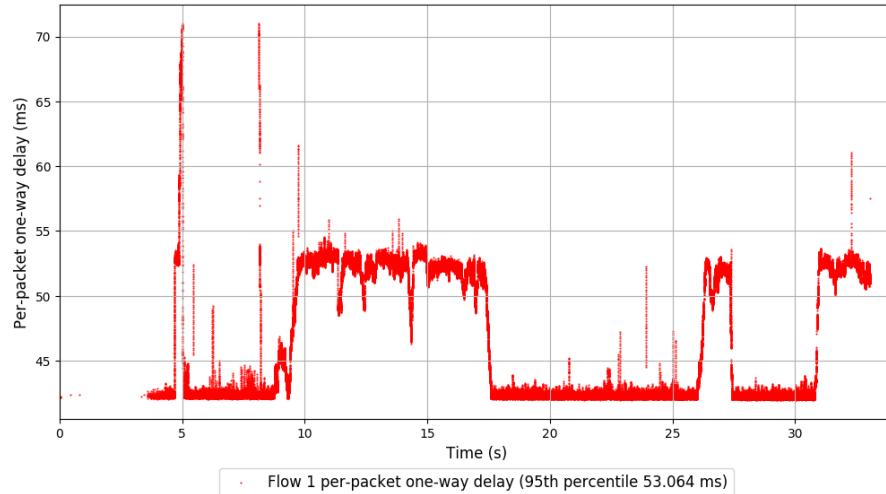
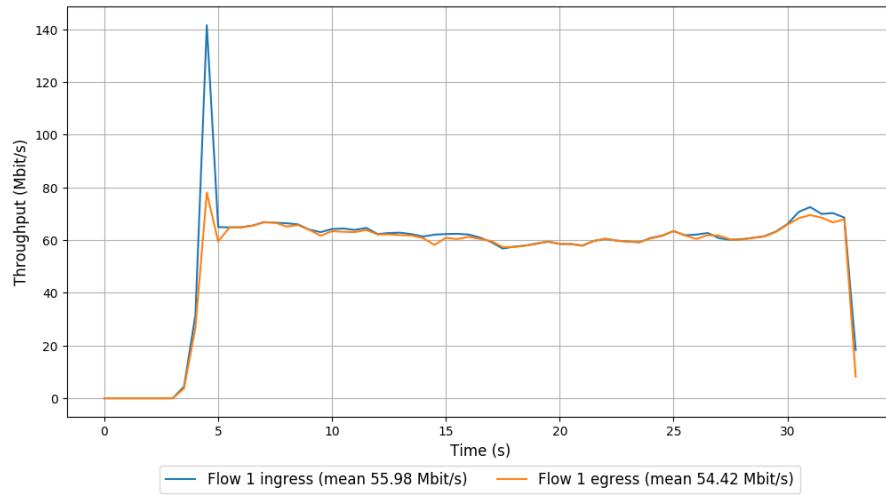


Run 6: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 21:47:29 +0000
End at: Fri, 23 Jun 2017 21:47:59 +0000
Local clock offset: -0.24 ms
Remote clock offset: -16.281 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.42 Mbit/s
95th percentile per-packet one-way delay: 53.064 ms
Loss rate: 3.12%
-- Flow 1:
Average throughput: 54.42 Mbit/s
95th percentile per-packet one-way delay: 53.064 ms
Loss rate: 3.12%
```

Run 6: Report of PCC — Data Link

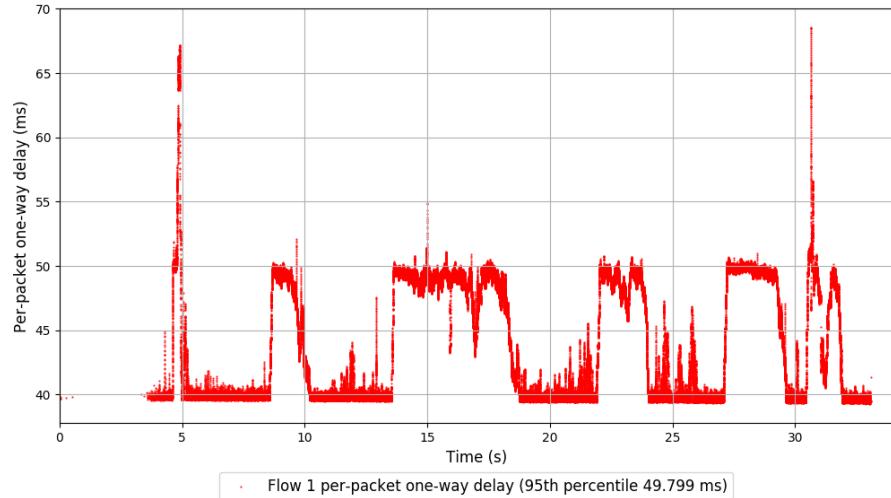
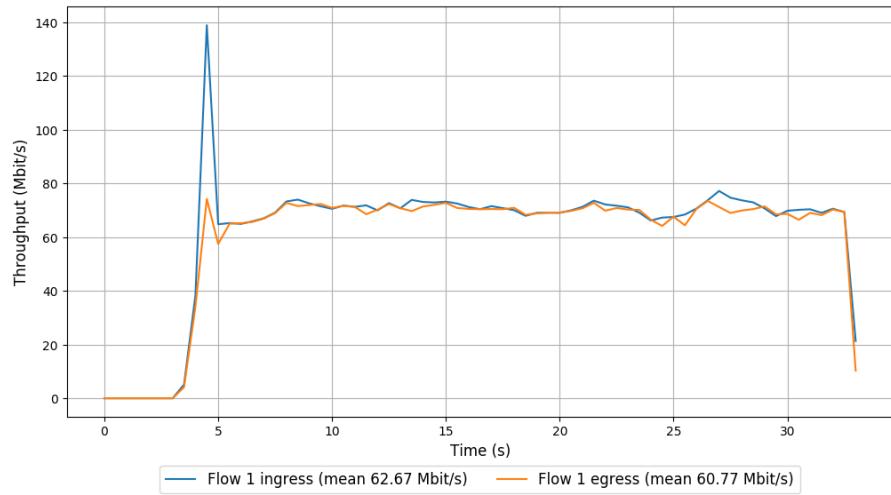


Run 7: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 22:05:07 +0000
End at: Fri, 23 Jun 2017 22:05:37 +0000
Local clock offset: 0.601 ms
Remote clock offset: -17.828 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.77 Mbit/s
95th percentile per-packet one-way delay: 49.799 ms
Loss rate: 3.37%
-- Flow 1:
Average throughput: 60.77 Mbit/s
95th percentile per-packet one-way delay: 49.799 ms
Loss rate: 3.37%
```

Run 7: Report of PCC — Data Link

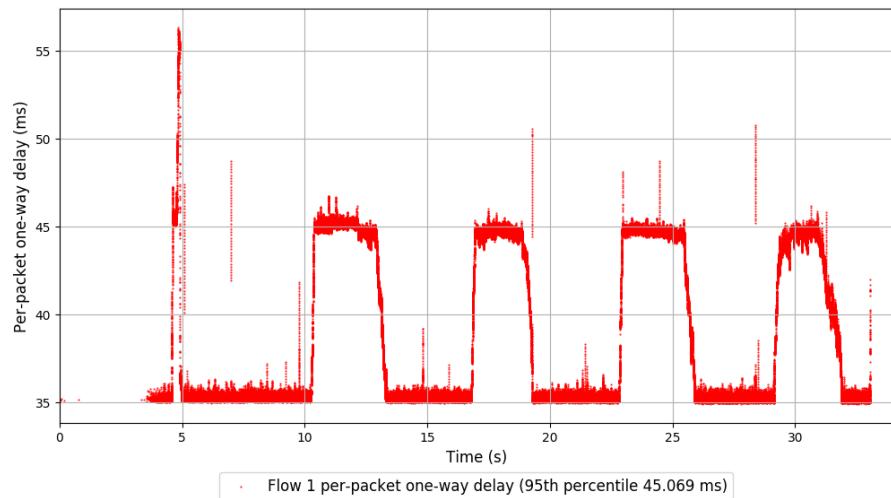
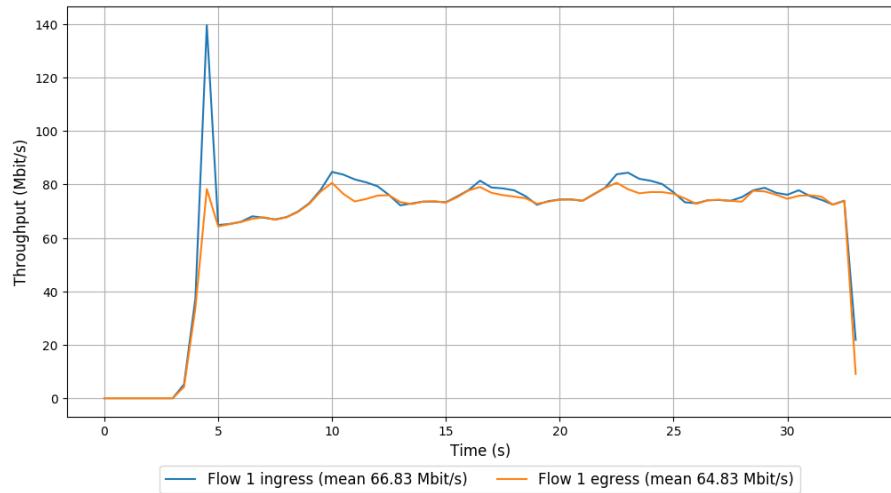


Run 8: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 22:22:34 +0000
End at: Fri, 23 Jun 2017 22:23:04 +0000
Local clock offset: 3.146 ms
Remote clock offset: -19.786 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.83 Mbit/s
95th percentile per-packet one-way delay: 45.069 ms
Loss rate: 3.33%
-- Flow 1:
Average throughput: 64.83 Mbit/s
95th percentile per-packet one-way delay: 45.069 ms
Loss rate: 3.33%
```

Run 8: Report of PCC — Data Link

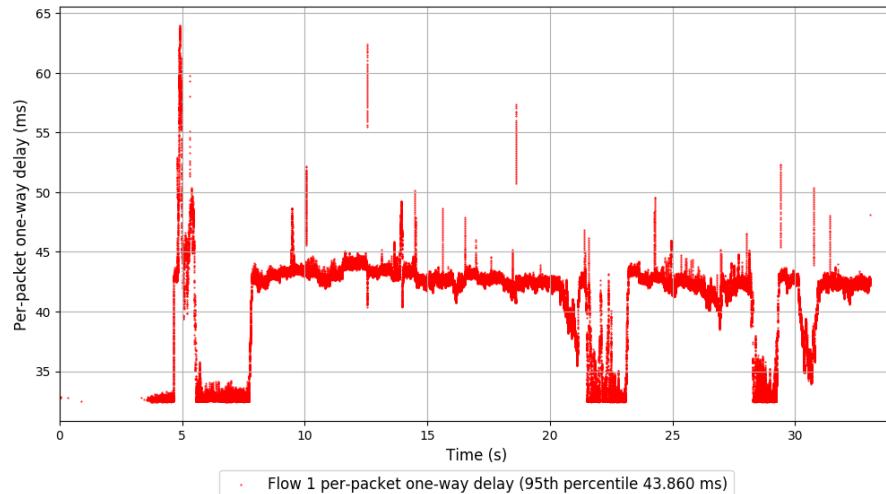
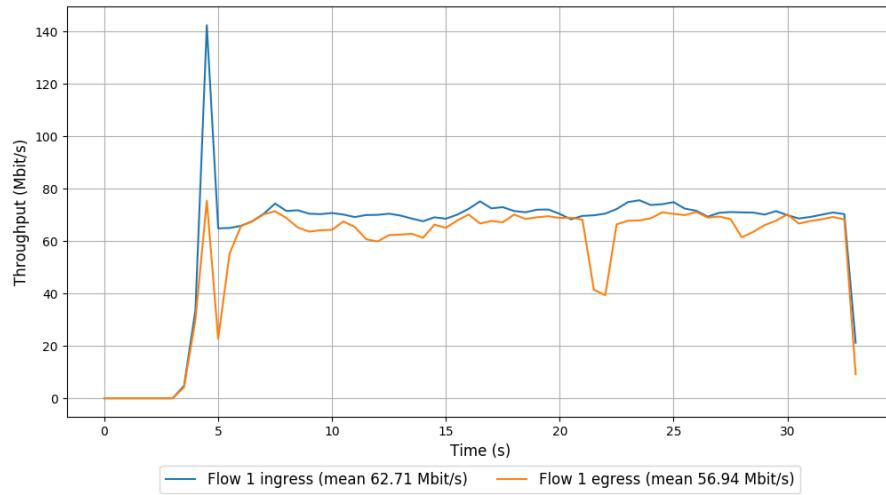


Run 9: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 22:39:58 +0000
End at: Fri, 23 Jun 2017 22:40:28 +0000
Local clock offset: 4.028 ms
Remote clock offset: -21.244 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.94 Mbit/s
95th percentile per-packet one-way delay: 43.860 ms
Loss rate: 9.51%
-- Flow 1:
Average throughput: 56.94 Mbit/s
95th percentile per-packet one-way delay: 43.860 ms
Loss rate: 9.51%
```

Run 9: Report of PCC — Data Link

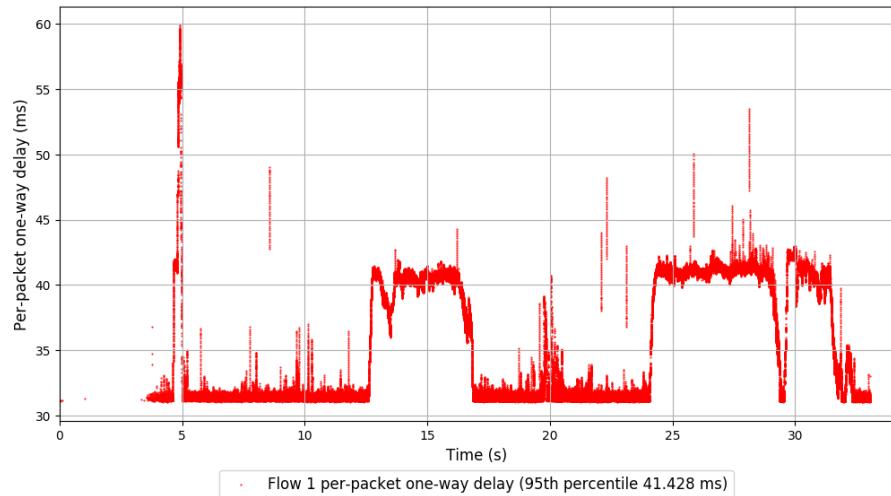
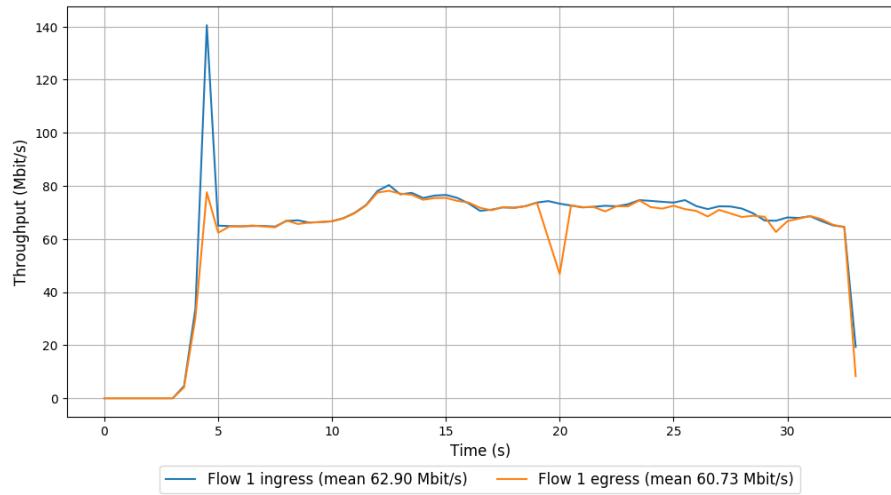


Run 10: Statistics of PCC

```
Start at: Fri, 23 Jun 2017 22:57:23 +0000
End at: Fri, 23 Jun 2017 22:57:53 +0000
Local clock offset: 4.182 ms
Remote clock offset: -22.428 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.73 Mbit/s
95th percentile per-packet one-way delay: 41.428 ms
Loss rate: 3.79%
-- Flow 1:
Average throughput: 60.73 Mbit/s
95th percentile per-packet one-way delay: 41.428 ms
Loss rate: 3.79%
```

Run 10: Report of PCC — Data Link

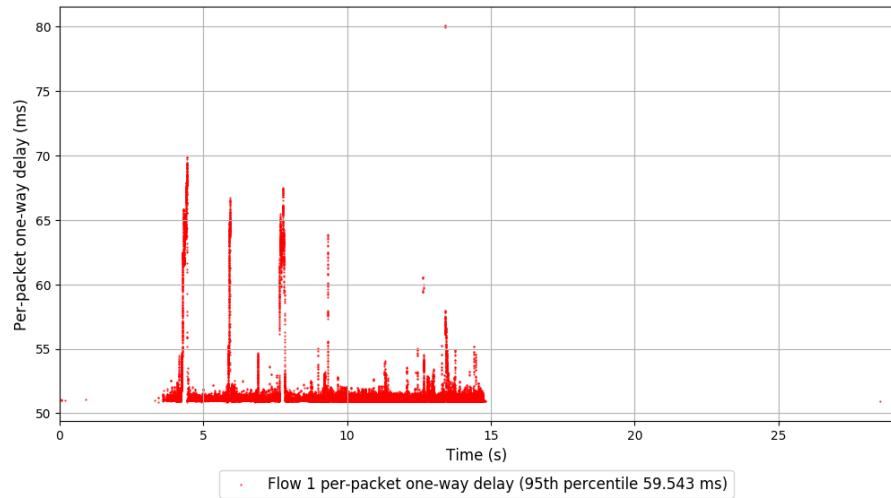
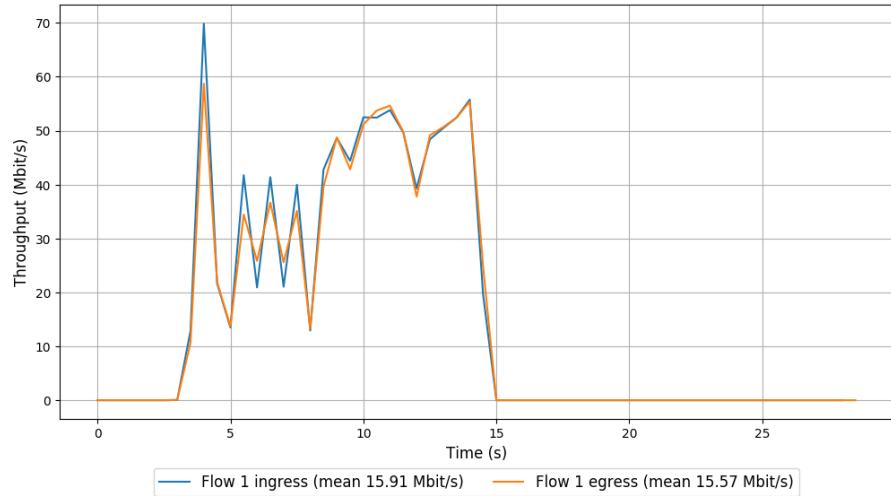


```
Run 1: Statistics of QUIC Cubic (toy)
```

```
Start at: Fri, 23 Jun 2017 20:25:24 +0000
End at: Fri, 23 Jun 2017 20:25:54 +0000
Local clock offset: -1.181 ms
Remote clock offset: -8.184 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.57 Mbit/s
95th percentile per-packet one-way delay: 59.543 ms
Loss rate: 2.16%
-- Flow 1:
Average throughput: 15.57 Mbit/s
95th percentile per-packet one-way delay: 59.543 ms
Loss rate: 2.16%
```

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

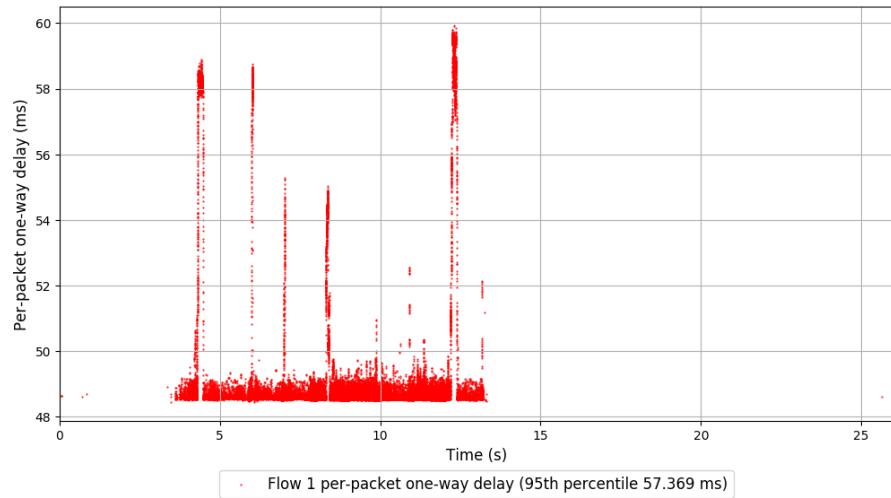
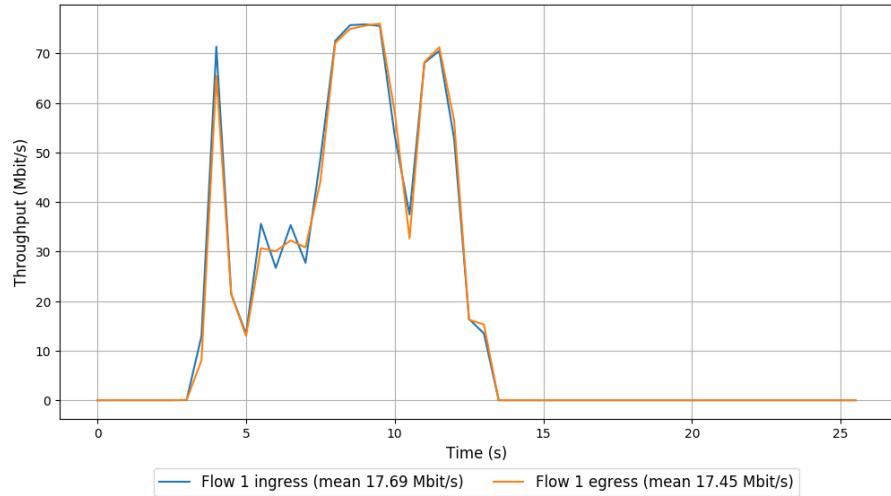


Run 2: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 20:42:42 +0000
End at: Fri, 23 Jun 2017 20:43:12 +0000
Local clock offset: 0.438 ms
Remote clock offset: -9.104 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.45 Mbit/s
95th percentile per-packet one-way delay: 57.369 ms
Loss rate: 1.35%
-- Flow 1:
Average throughput: 17.45 Mbit/s
95th percentile per-packet one-way delay: 57.369 ms
Loss rate: 1.35%
```

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

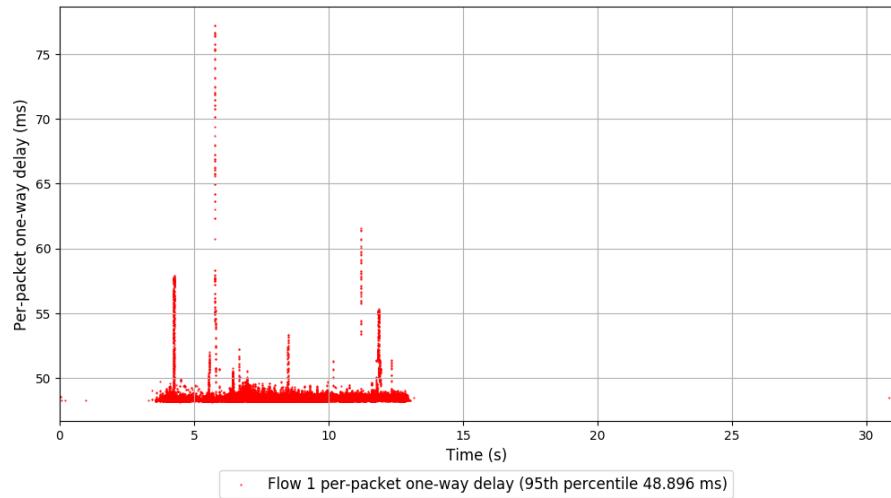
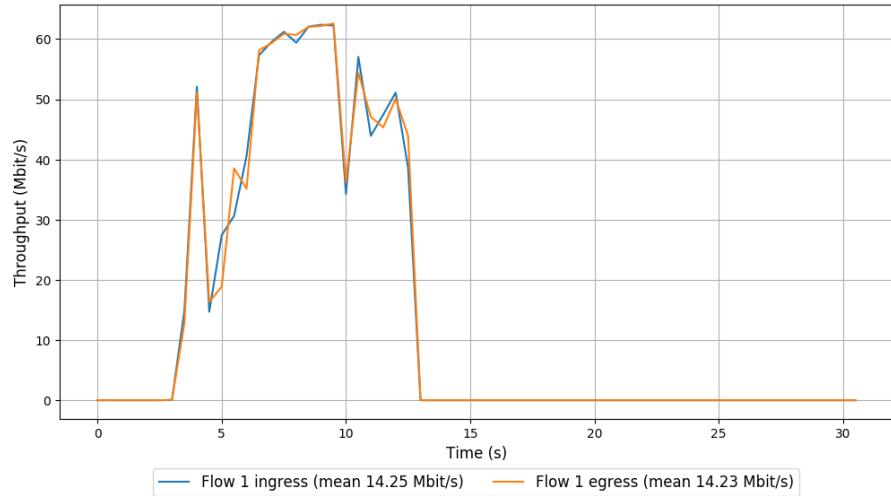


Run 3: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 21:00:01 +0000
End at: Fri, 23 Jun 2017 21:00:31 +0000
Local clock offset: 0.327 ms
Remote clock offset: -8.958 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.23 Mbit/s
95th percentile per-packet one-way delay: 48.896 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 14.23 Mbit/s
95th percentile per-packet one-way delay: 48.896 ms
Loss rate: 0.14%
```

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

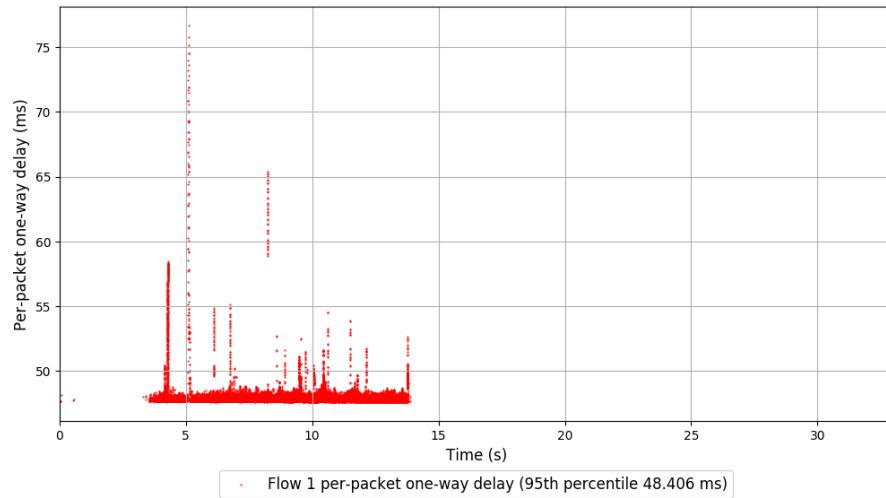
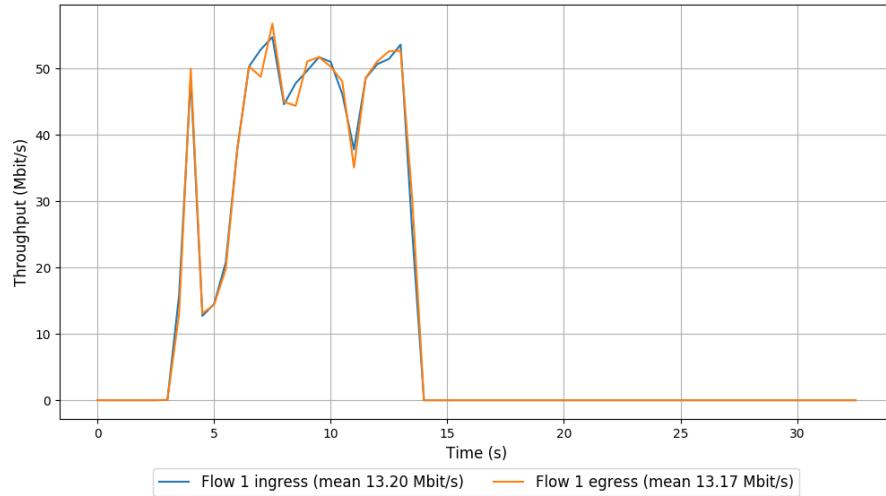


Run 4: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 21:17:32 +0000
End at: Fri, 23 Jun 2017 21:18:02 +0000
Local clock offset: -1.021 ms
Remote clock offset: -11.397 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.17 Mbit/s
95th percentile per-packet one-way delay: 48.406 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 13.17 Mbit/s
95th percentile per-packet one-way delay: 48.406 ms
Loss rate: 0.22%
```

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

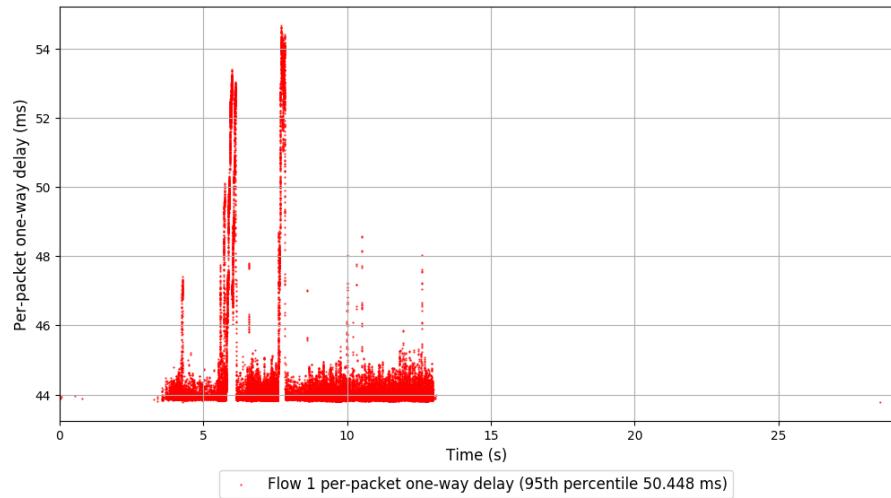
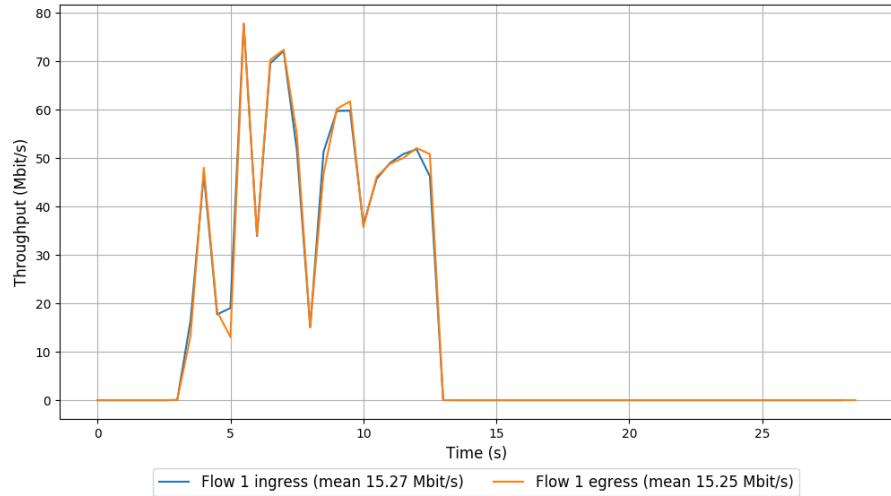


Run 5: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 21:34:53 +0000
End at: Fri, 23 Jun 2017 21:35:23 +0000
Local clock offset: -0.392 ms
Remote clock offset: -14.655 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.25 Mbit/s
95th percentile per-packet one-way delay: 50.448 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 15.25 Mbit/s
95th percentile per-packet one-way delay: 50.448 ms
Loss rate: 0.15%
```

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

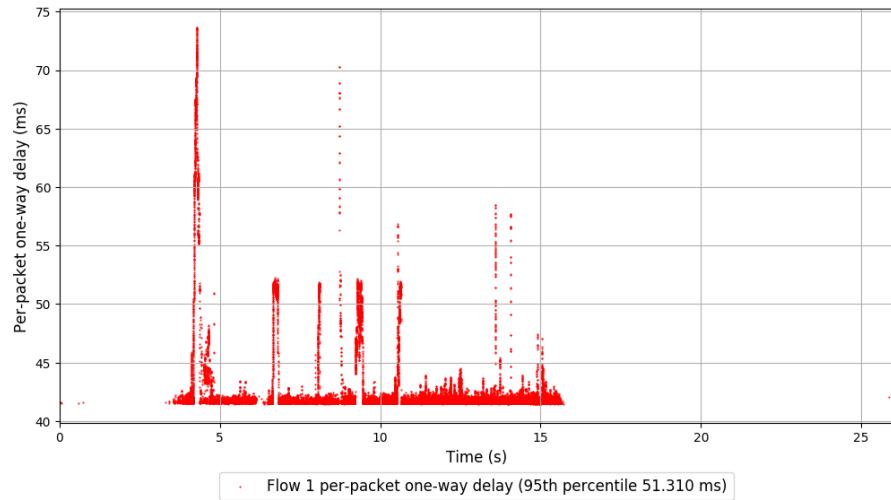
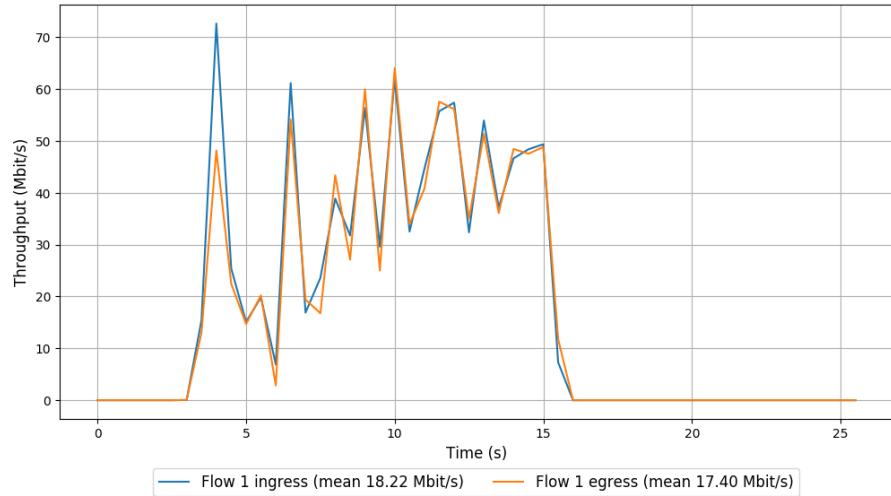


Run 6: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 21:52:28 +0000
End at: Fri, 23 Jun 2017 21:52:58 +0000
Local clock offset: -0.083 ms
Remote clock offset: -16.921 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.40 Mbit/s
95th percentile per-packet one-way delay: 51.310 ms
Loss rate: 4.49%
-- Flow 1:
Average throughput: 17.40 Mbit/s
95th percentile per-packet one-way delay: 51.310 ms
Loss rate: 4.49%
```

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

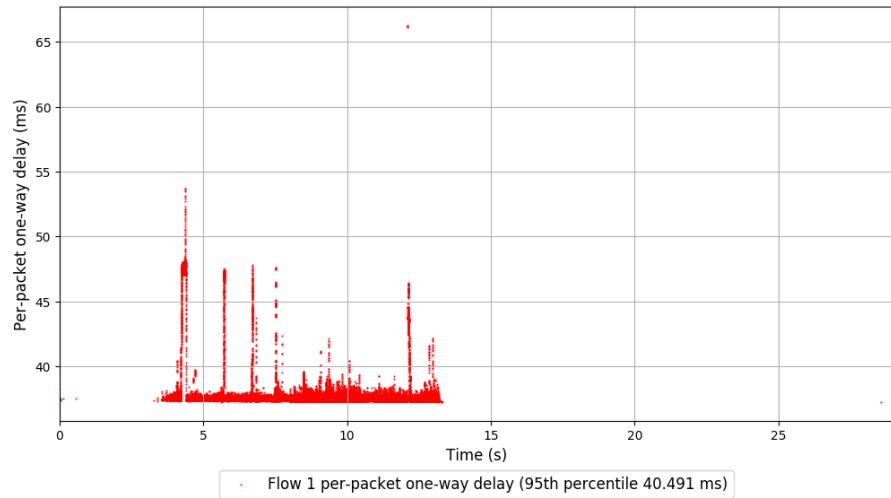
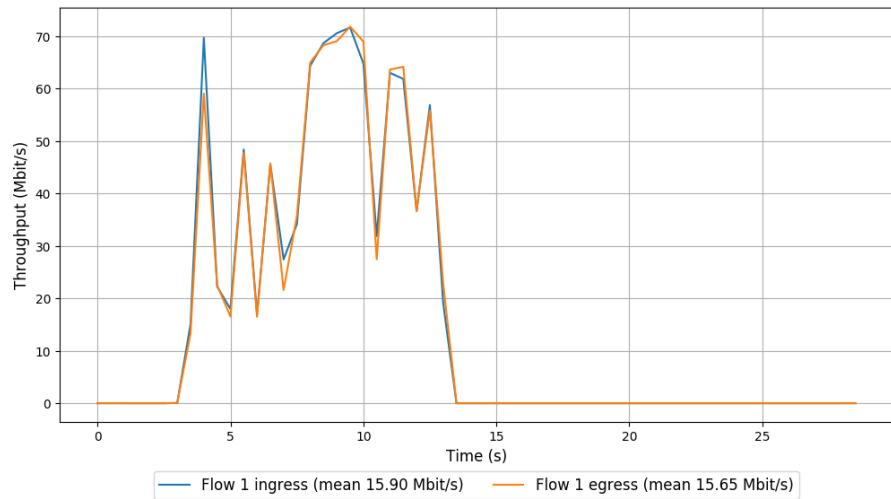


Run 7: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 22:09:55 +0000
End at: Fri, 23 Jun 2017 22:10:25 +0000
Local clock offset: 2.198 ms
Remote clock offset: -18.467 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.65 Mbit/s
95th percentile per-packet one-way delay: 40.491 ms
Loss rate: 1.59%
-- Flow 1:
Average throughput: 15.65 Mbit/s
95th percentile per-packet one-way delay: 40.491 ms
Loss rate: 1.59%
```

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

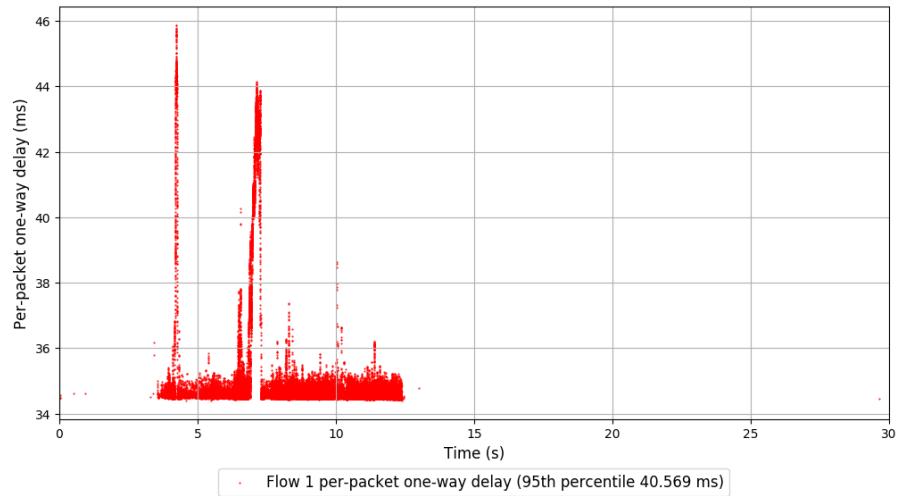
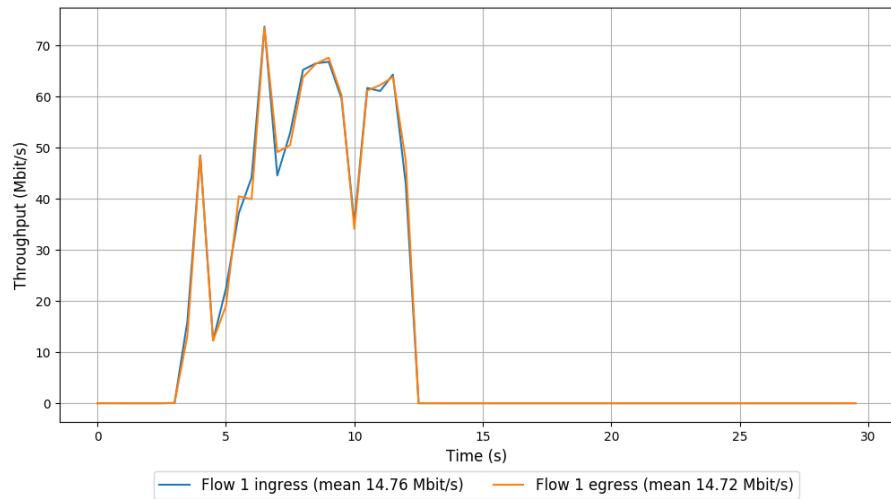


Run 8: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 22:27:23 +0000
End at: Fri, 23 Jun 2017 22:27:53 +0000
Local clock offset: 3.427 ms
Remote clock offset: -20.31 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.72 Mbit/s
95th percentile per-packet one-way delay: 40.569 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 14.72 Mbit/s
95th percentile per-packet one-way delay: 40.569 ms
Loss rate: 0.22%
```

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

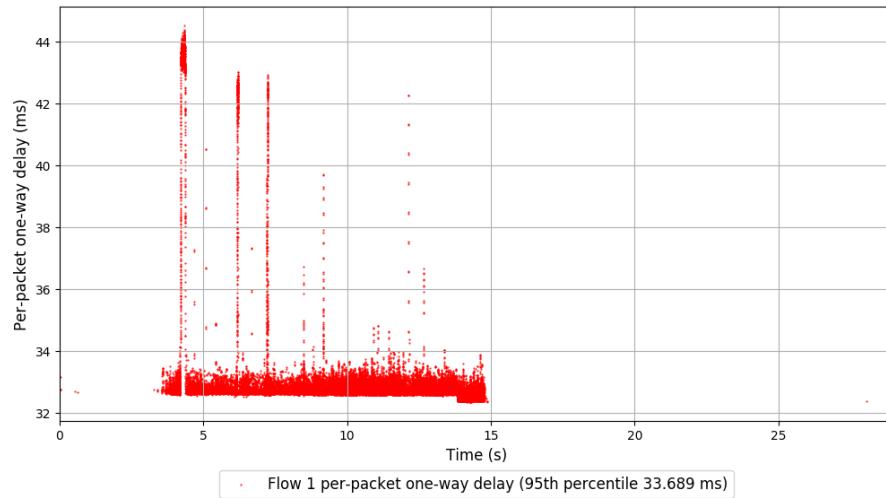
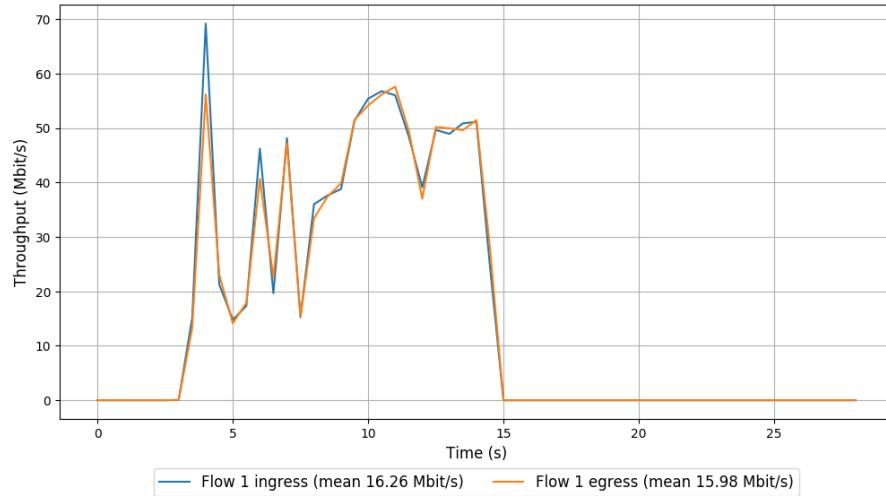


Run 9: Statistics of QUIC Cubic (toy)

```
Start at: Fri, 23 Jun 2017 22:44:43 +0000
End at: Fri, 23 Jun 2017 22:45:13 +0000
Local clock offset: 3.986 ms
Remote clock offset: -21.432 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.98 Mbit/s
95th percentile per-packet one-way delay: 33.689 ms
Loss rate: 1.71%
-- Flow 1:
Average throughput: 15.98 Mbit/s
95th percentile per-packet one-way delay: 33.689 ms
Loss rate: 1.71%
```

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

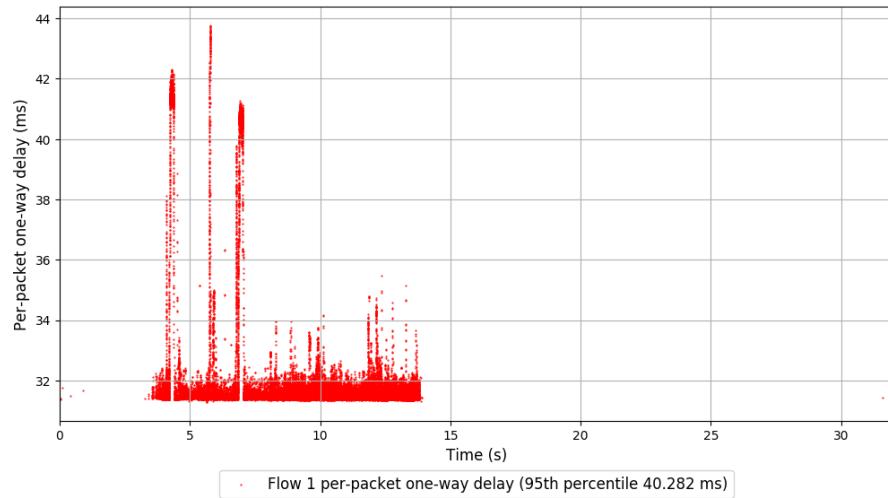
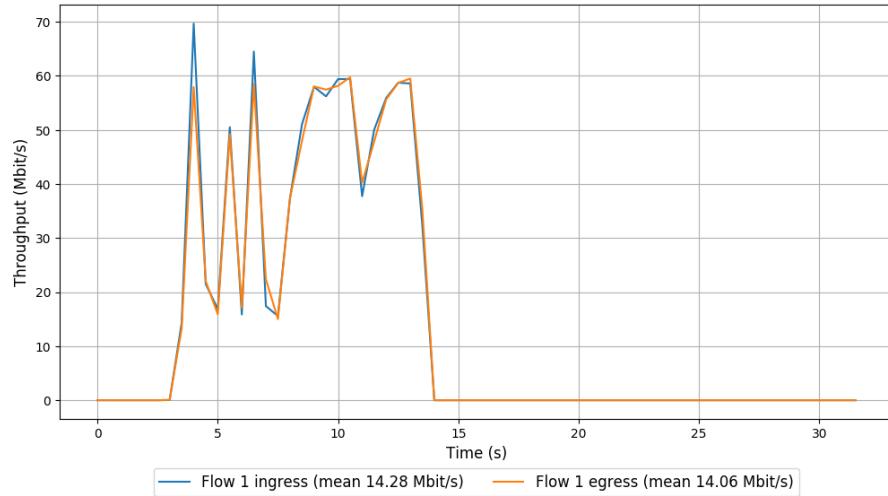


```
Run 10: Statistics of QUIC Cubic (toy)

Start at: Fri, 23 Jun 2017 23:02:10 +0000
End at: Fri, 23 Jun 2017 23:02:40 +0000
Local clock offset: 4.284 ms
Remote clock offset: -22.643 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.06 Mbit/s
95th percentile per-packet one-way delay: 40.282 ms
Loss rate: 1.51%
-- Flow 1:
Average throughput: 14.06 Mbit/s
95th percentile per-packet one-way delay: 40.282 ms
Loss rate: 1.51%
```

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



Run 1: Statistics of Saturator

Start at: Fri, 23 Jun 2017 20:14:53 +0000

End at: Fri, 23 Jun 2017 20:15:23 +0000

Local clock offset: -2.768 ms

Remote clock offset: -7.996 ms

Below is generated by plot.py at Fri, 23 Jun 2017 23:47:35 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 18.29 Mbit/s

95th percentile per-packet one-way delay: 54.052 ms

Loss rate: 0.82%

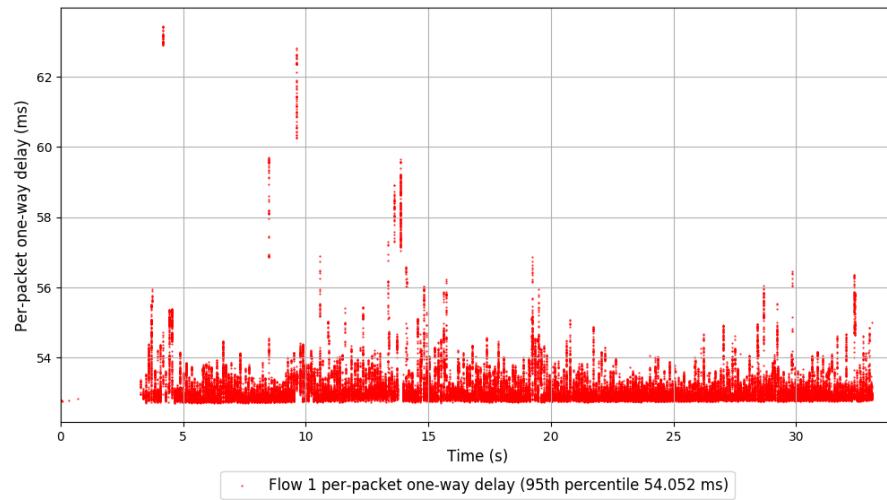
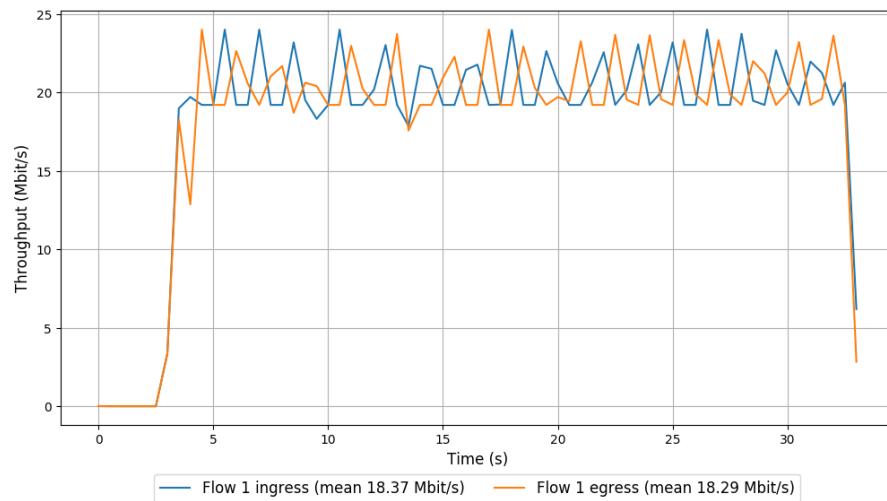
-- Flow 1:

Average throughput: 18.29 Mbit/s

95th percentile per-packet one-way delay: 54.052 ms

Loss rate: 0.82%

Run 1: Report of Saturator — Data Link

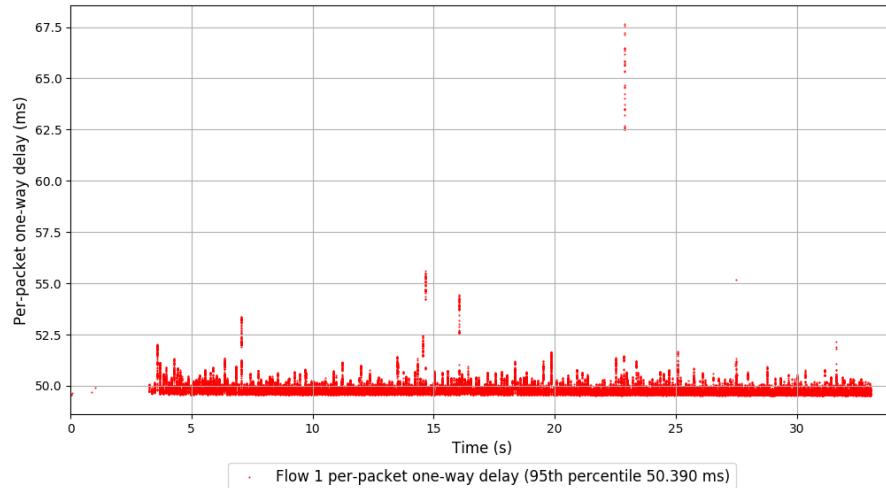
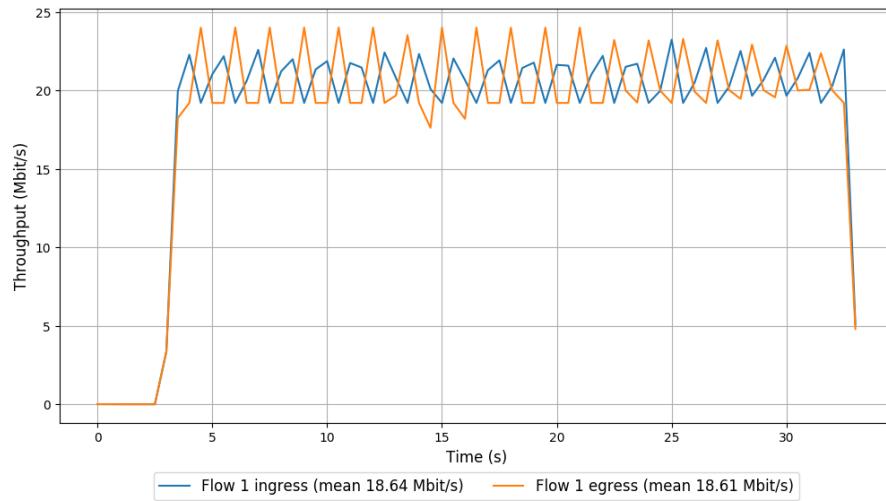


Run 2: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 20:32:17 +0000
End at: Fri, 23 Jun 2017 20:32:47 +0000
Local clock offset: -0.542 ms
Remote clock offset: -8.74 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.61 Mbit/s
95th percentile per-packet one-way delay: 50.390 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 18.61 Mbit/s
95th percentile per-packet one-way delay: 50.390 ms
Loss rate: 0.49%
```

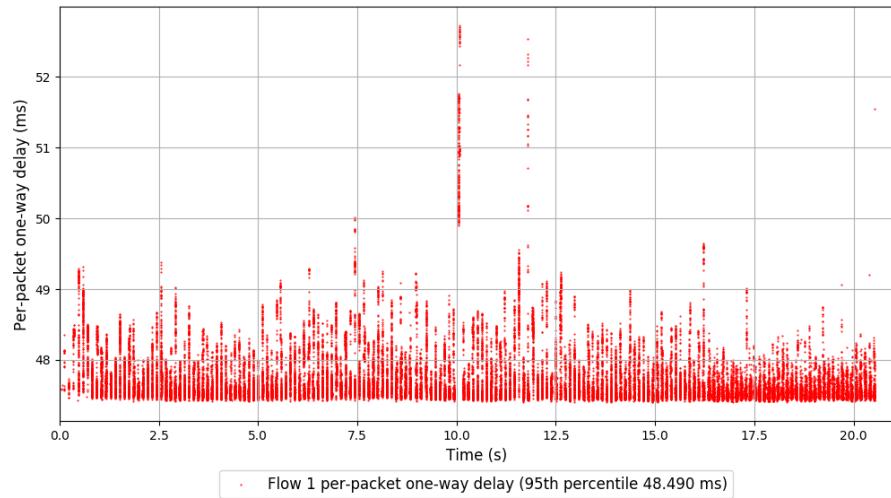
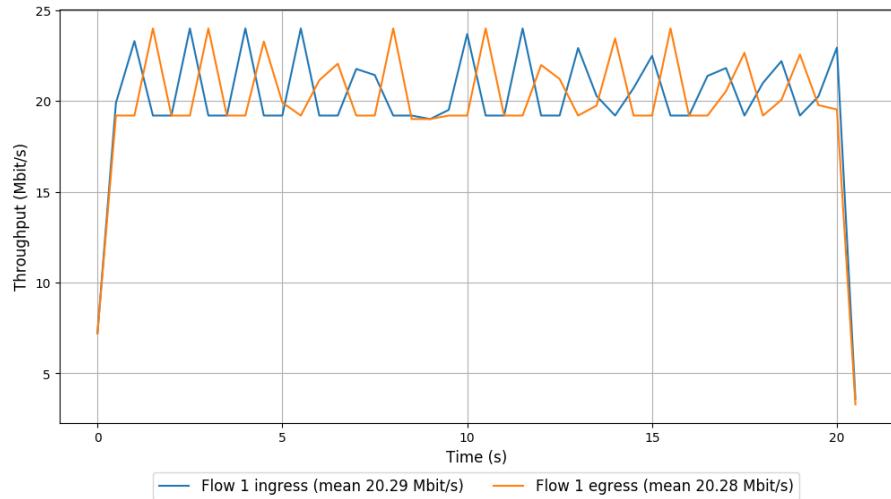
Run 2: Report of Saturator — Data Link



Run 3: Statistics of Saturator

Start at: Fri, 23 Jun 2017 20:49:44 +0000
End at: Fri, 23 Jun 2017 20:50:14 +0000
Local clock offset: 0.982 ms
Remote clock offset: -9.036 ms

Run 3: Report of Saturator — Data Link

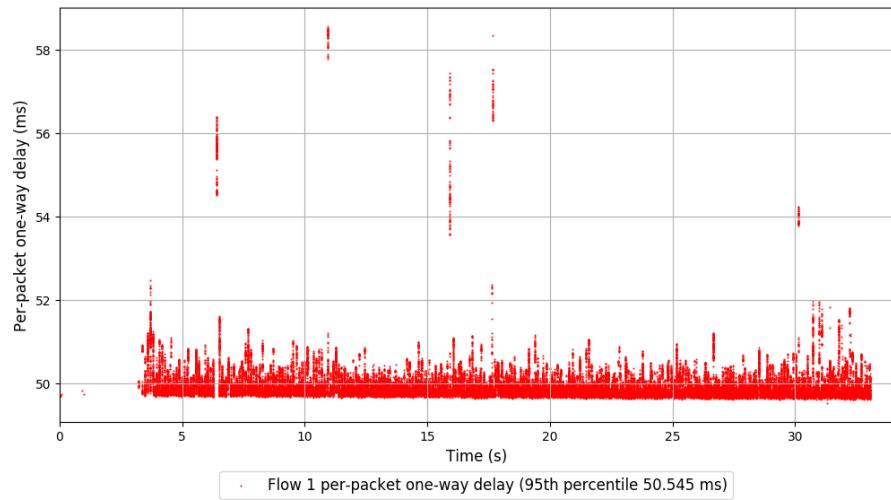
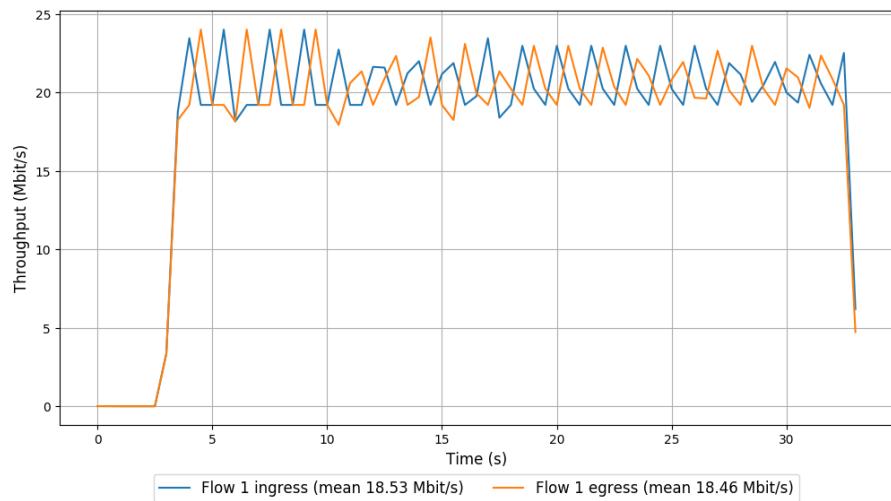


Run 4: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 21:07:01 +0000
End at: Fri, 23 Jun 2017 21:07:31 +0000
Local clock offset: -0.722 ms
Remote clock offset: -8.898 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.46 Mbit/s
95th percentile per-packet one-way delay: 50.545 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 18.46 Mbit/s
95th percentile per-packet one-way delay: 50.545 ms
Loss rate: 0.70%
```

Run 4: Report of Saturator — Data Link

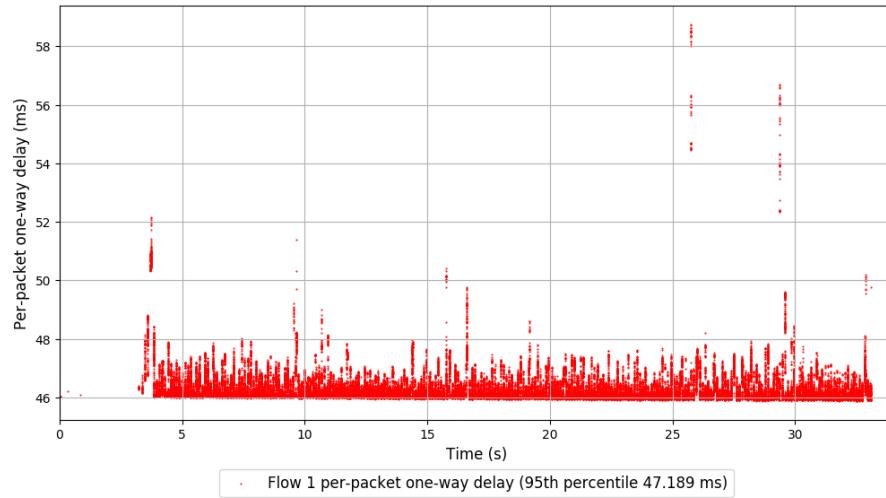
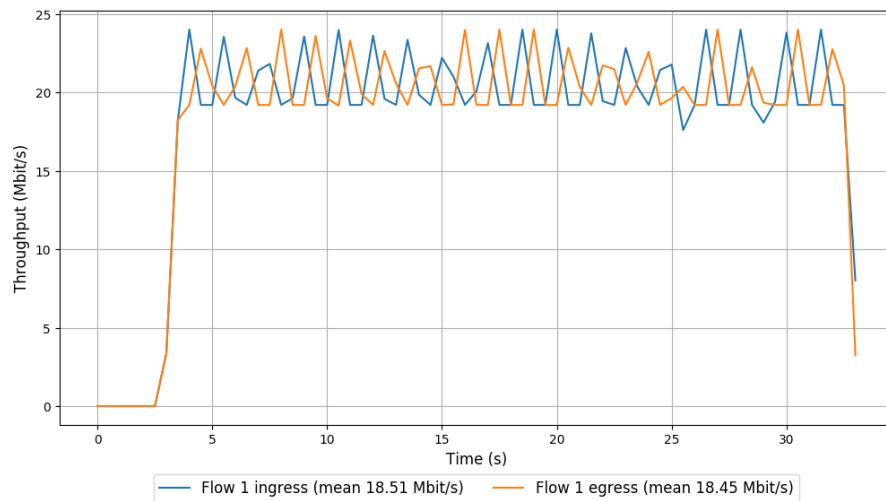


Run 5: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 21:24:33 +0000
End at: Fri, 23 Jun 2017 21:25:03 +0000
Local clock offset: -0.635 ms
Remote clock offset: -12.934 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.45 Mbit/s
95th percentile per-packet one-way delay: 47.189 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 18.45 Mbit/s
95th percentile per-packet one-way delay: 47.189 ms
Loss rate: 0.61%
```

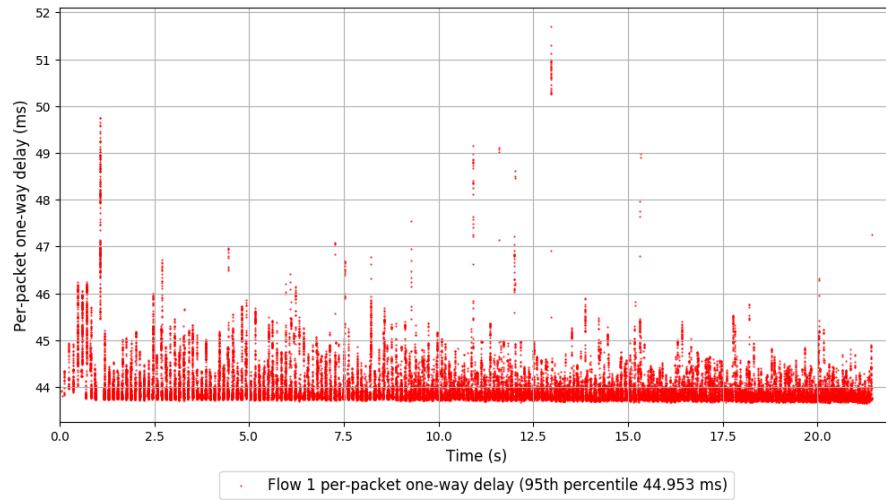
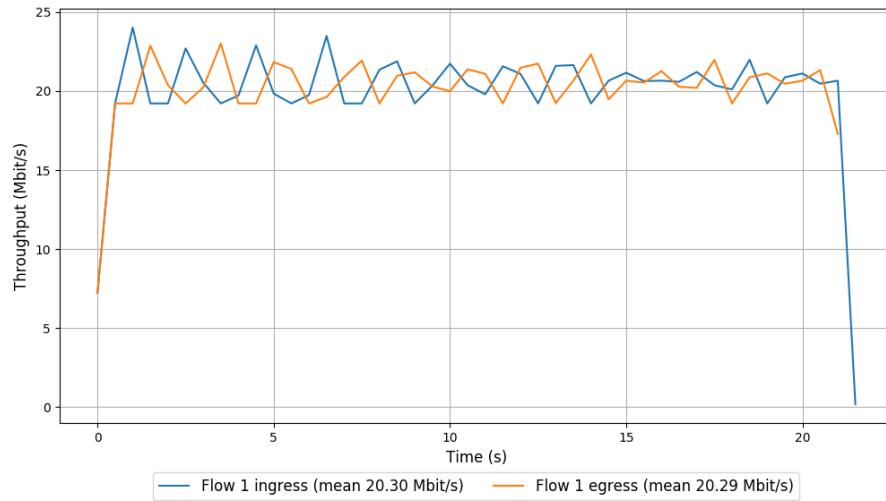
Run 5: Report of Saturator — Data Link



Run 6: Statistics of Saturator

Start at: Fri, 23 Jun 2017 21:41:54 +0000
End at: Fri, 23 Jun 2017 21:42:24 +0000
Local clock offset: -0.439 ms
Remote clock offset: -15.56 ms

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

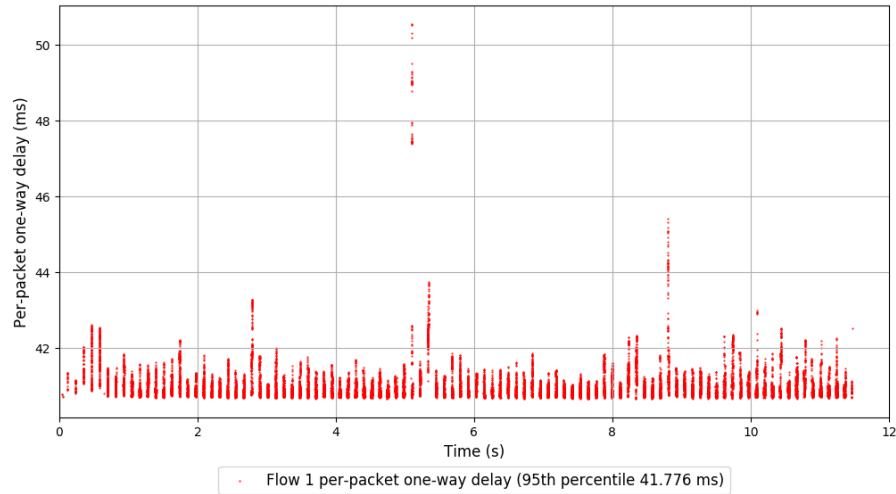
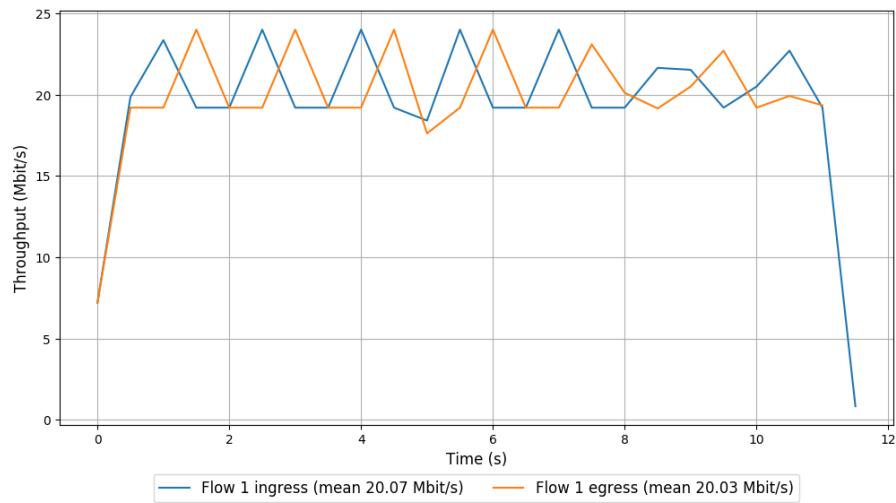
Start at: Fri, 23 Jun 2017 21:59:32 +0000

End at: Fri, 23 Jun 2017 22:00:02 +0000

Local clock offset: 0.148 ms

Remote clock offset: -16.878 ms

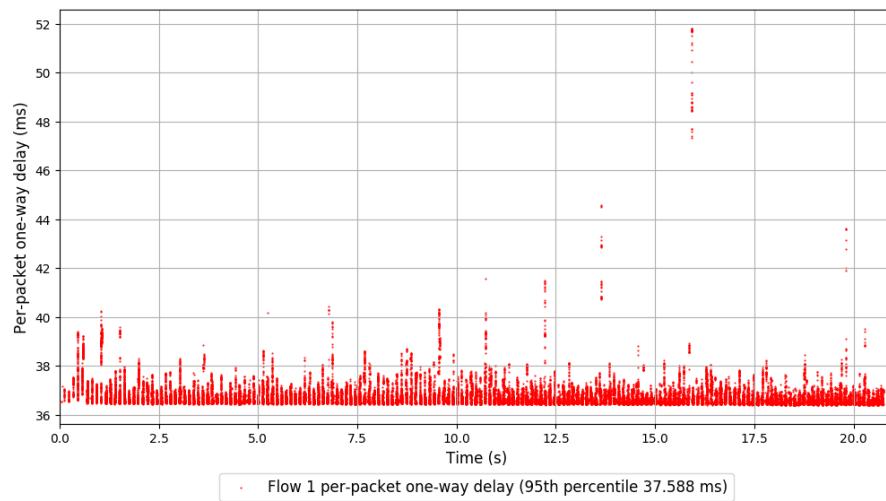
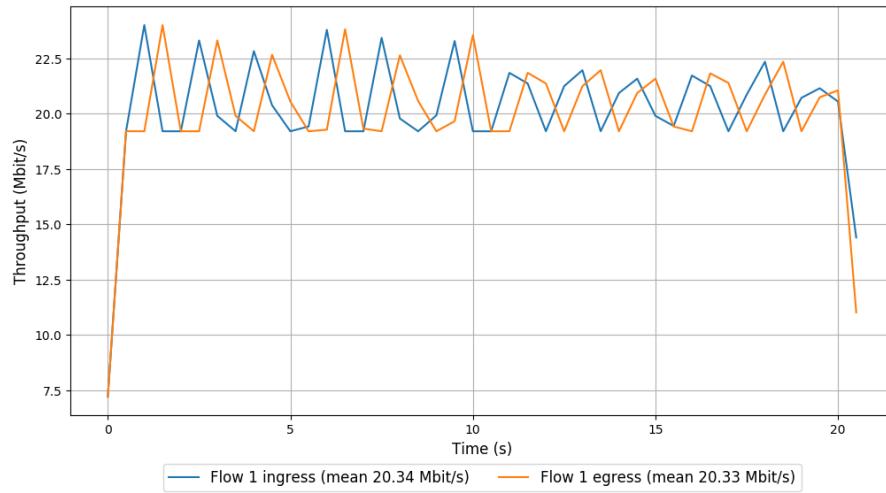
Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

Start at: Fri, 23 Jun 2017 22:17:00 +0000
End at: Fri, 23 Jun 2017 22:17:30 +0000
Local clock offset: 2.729 ms
Remote clock offset: -19.122 ms

Run 8: Report of Saturator — Data Link

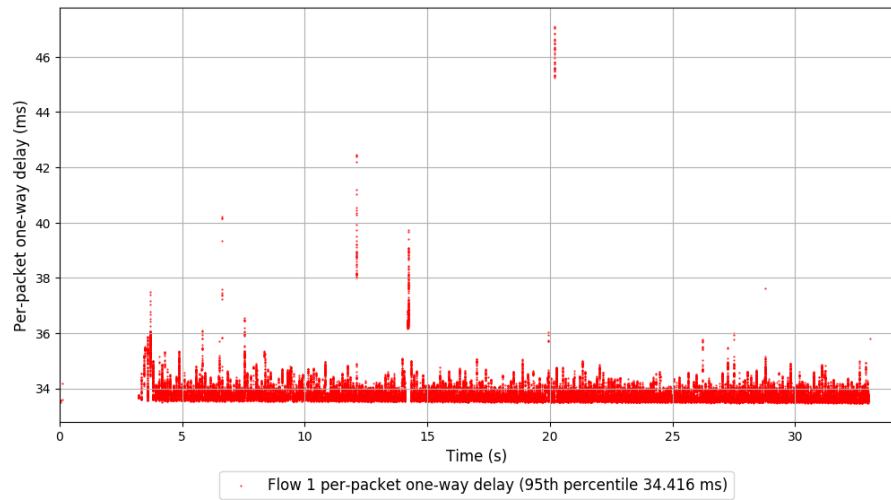
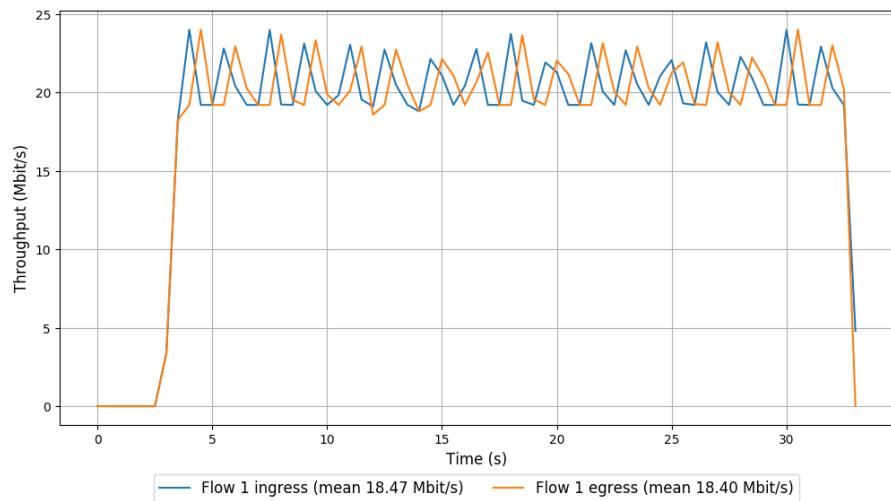


Run 9: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 22:34:23 +0000
End at: Fri, 23 Jun 2017 22:34:53 +0000
Local clock offset: 3.88 ms
Remote clock offset: -20.942 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.40 Mbit/s
95th percentile per-packet one-way delay: 34.416 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 18.40 Mbit/s
95th percentile per-packet one-way delay: 34.416 ms
Loss rate: 0.45%
```

Run 9: Report of Saturator — Data Link

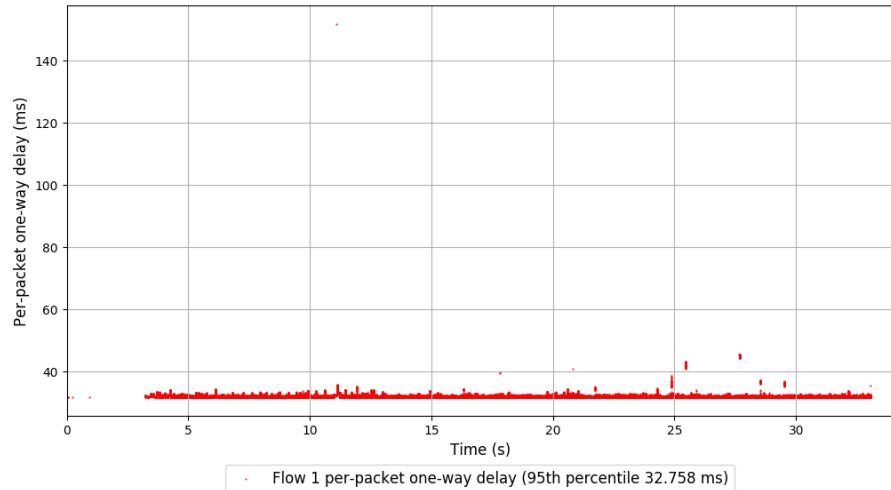
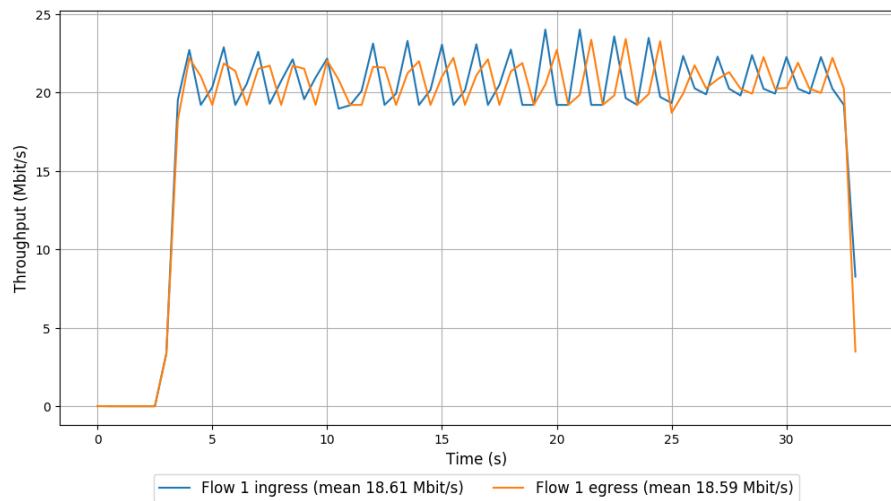


Run 10: Statistics of Saturator

```
Start at: Fri, 23 Jun 2017 22:51:48 +0000
End at: Fri, 23 Jun 2017 22:52:18 +0000
Local clock offset: 4.152 ms
Remote clock offset: -22.315 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.59 Mbit/s
95th percentile per-packet one-way delay: 32.758 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 18.59 Mbit/s
95th percentile per-packet one-way delay: 32.758 ms
Loss rate: 0.43%
```

Run 10: Report of Saturator — Data Link

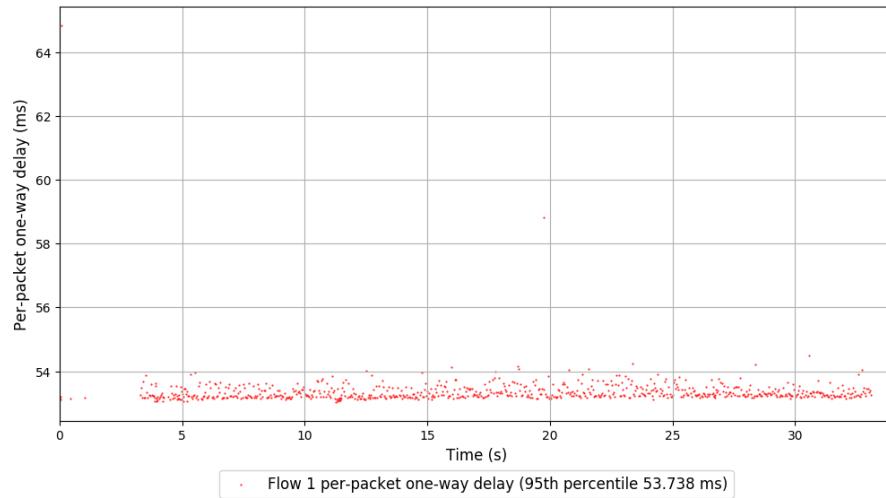
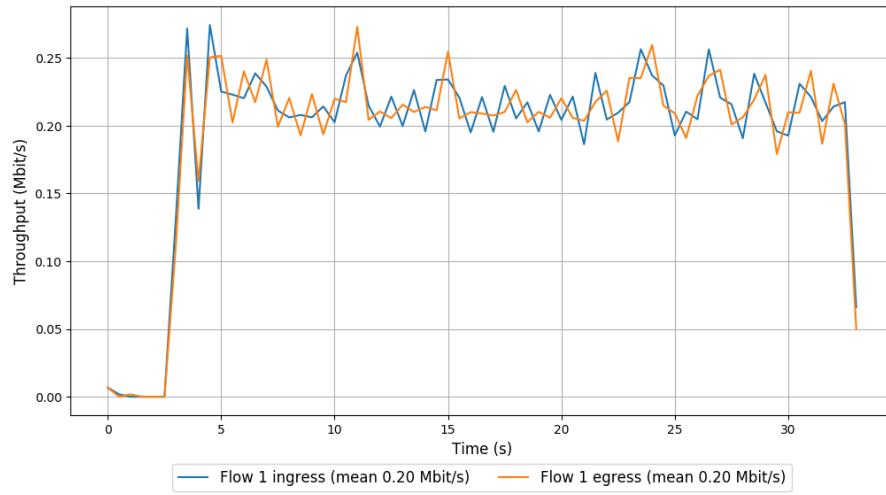


```
Run 1: Statistics of SCReAM
```

```
Start at: Fri, 23 Jun 2017 20:13:47 +0000
End at: Fri, 23 Jun 2017 20:14:17 +0000
Local clock offset: -2.725 ms
Remote clock offset: -8.105 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 53.738 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 53.738 ms
Loss rate: 0.38%
```

Run 1: Report of SCReAM — Data Link

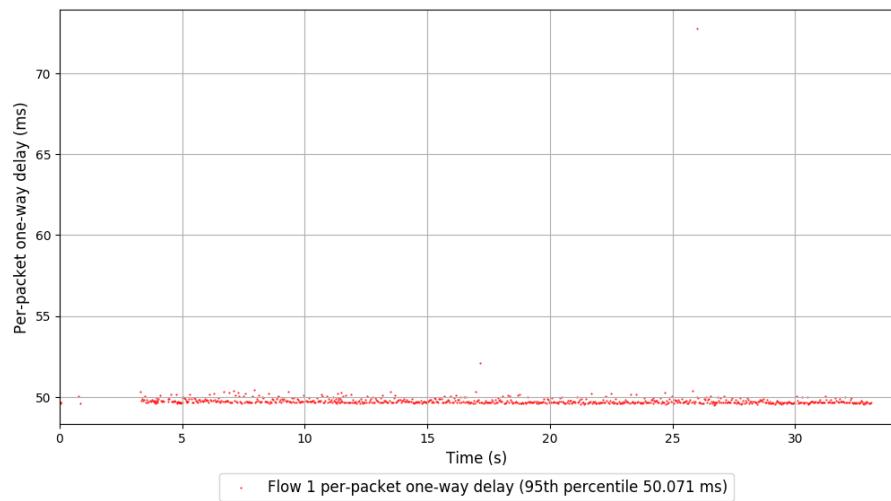
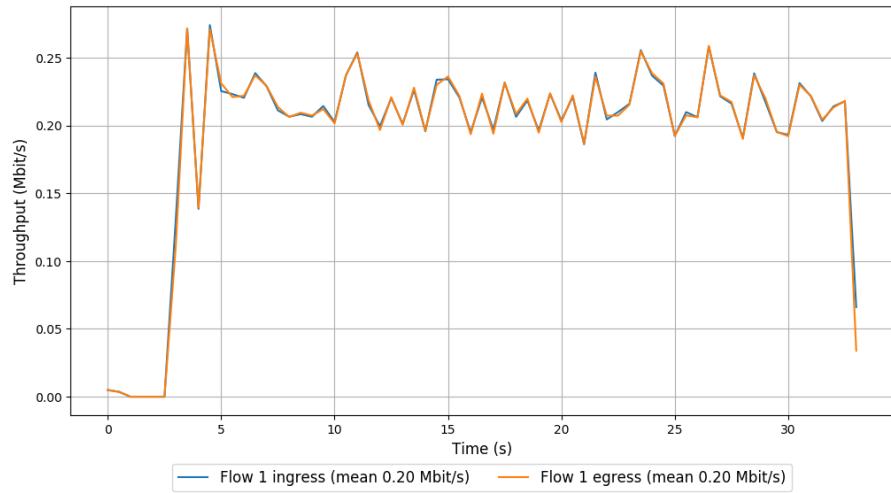


Run 2: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 20:31:11 +0000
End at: Fri, 23 Jun 2017 20:31:41 +0000
Local clock offset: -0.647 ms
Remote clock offset: -8.628 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 50.071 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 50.071 ms
Loss rate: 0.38%
```

Run 2: Report of SCReAM — Data Link

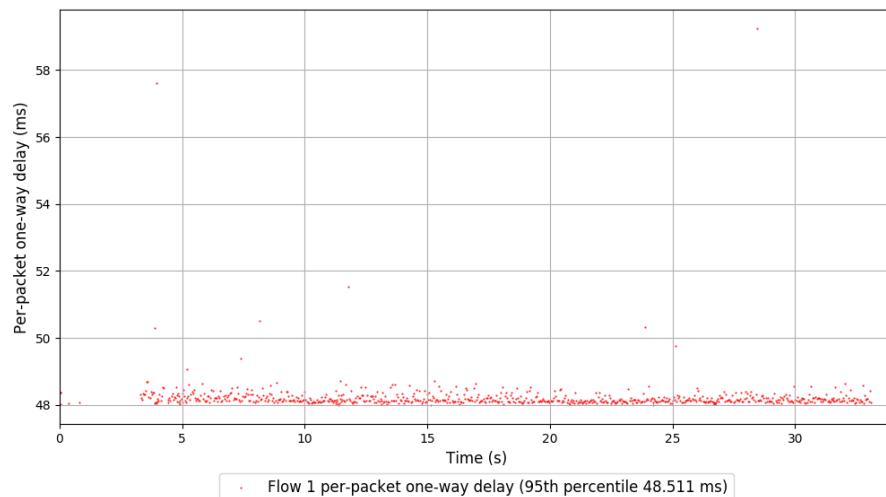
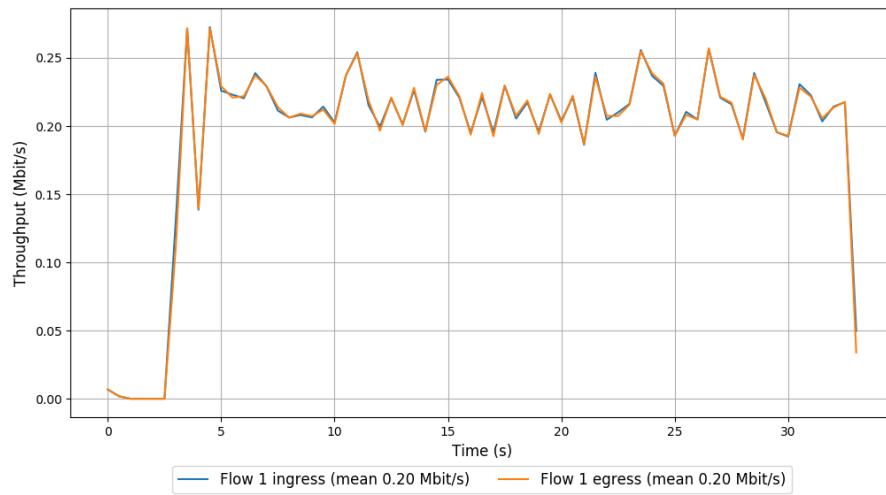


Run 3: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 20:48:39 +0000
End at: Fri, 23 Jun 2017 20:49:09 +0000
Local clock offset: 0.959 ms
Remote clock offset: -9.059 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 48.511 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 48.511 ms
Loss rate: 0.25%
```

Run 3: Report of SCReAM — Data Link

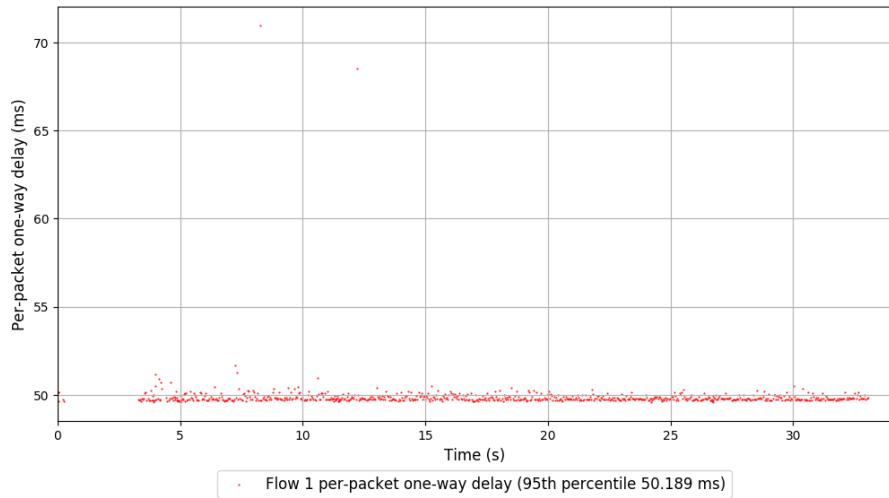
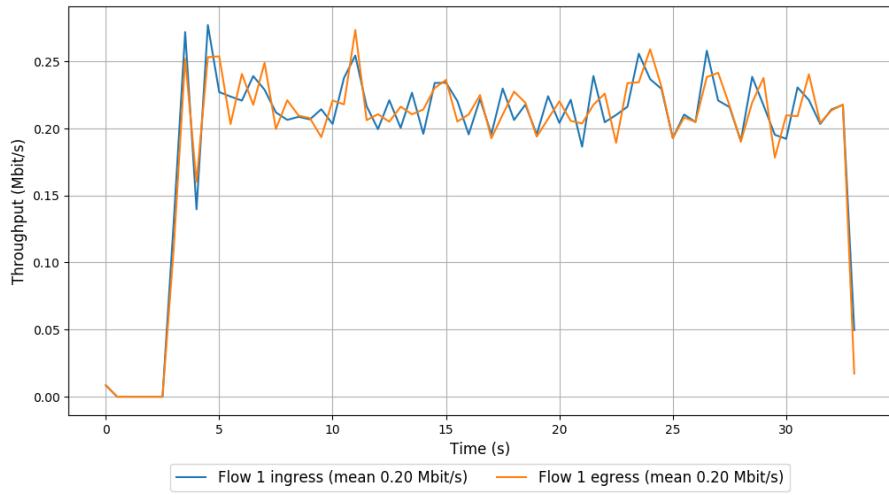


Run 4: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 21:05:55 +0000
End at: Fri, 23 Jun 2017 21:06:25 +0000
Local clock offset: -0.643 ms
Remote clock offset: -8.725 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 50.189 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 50.189 ms
Loss rate: 0.38%
```

Run 4: Report of SCReAM — Data Link

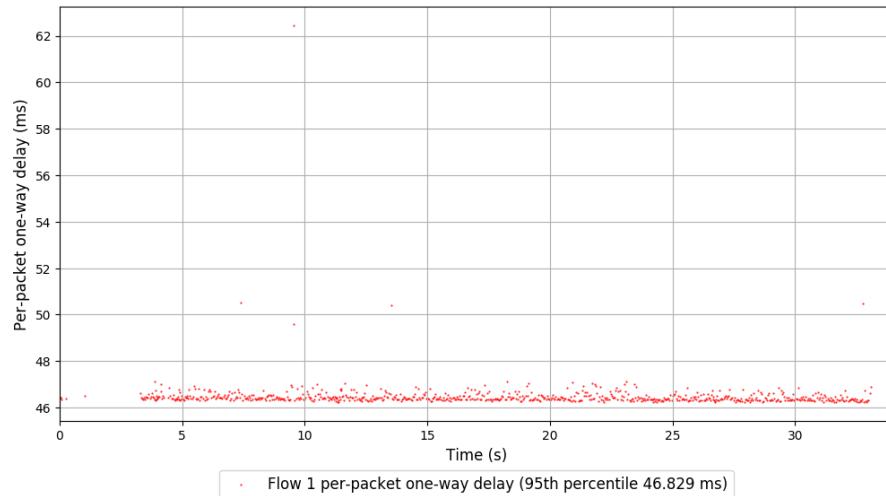
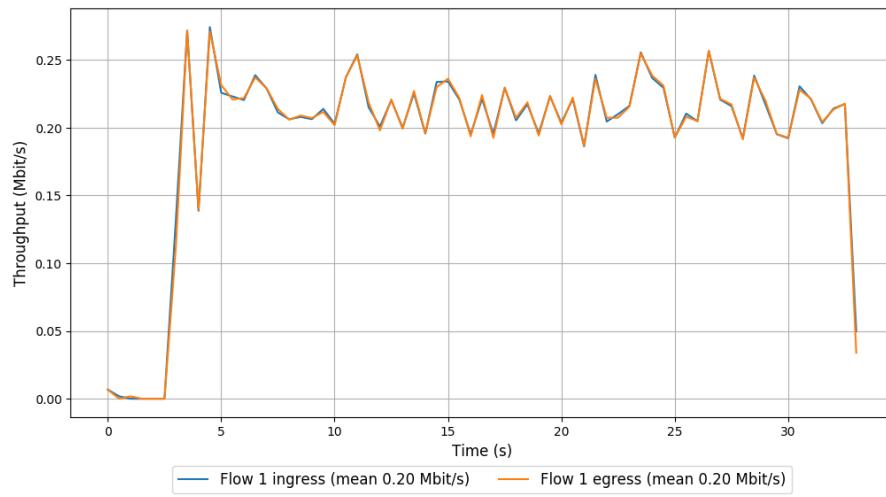


Run 5: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 21:23:28 +0000
End at: Fri, 23 Jun 2017 21:23:58 +0000
Local clock offset: -0.771 ms
Remote clock offset: -12.483 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 46.829 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 46.829 ms
Loss rate: 0.25%
```

Run 5: Report of SCReAM — Data Link

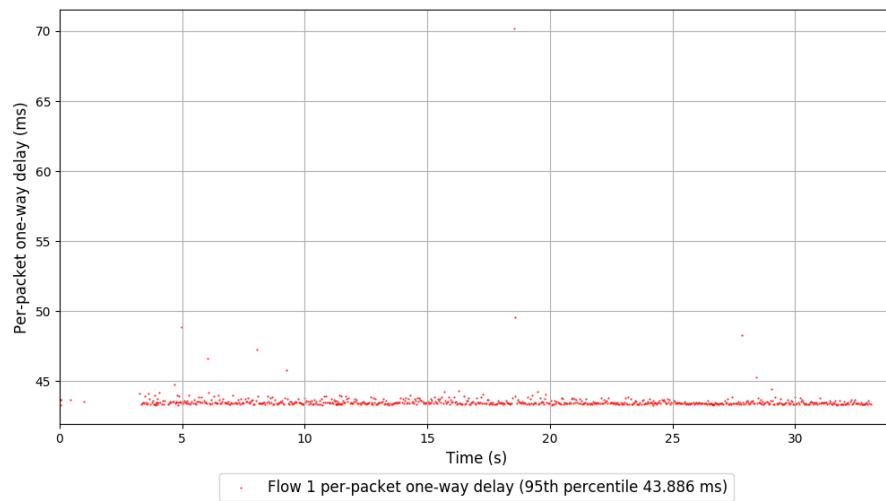
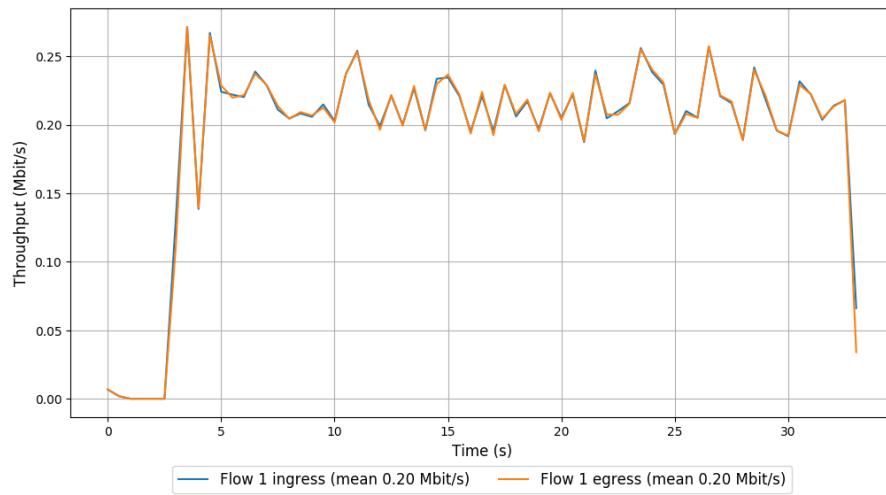


Run 6: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 21:40:49 +0000
End at: Fri, 23 Jun 2017 21:41:19 +0000
Local clock offset: -0.479 ms
Remote clock offset: -15.09 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 43.886 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 43.886 ms
Loss rate: 0.38%
```

Run 6: Report of SCReAM — Data Link

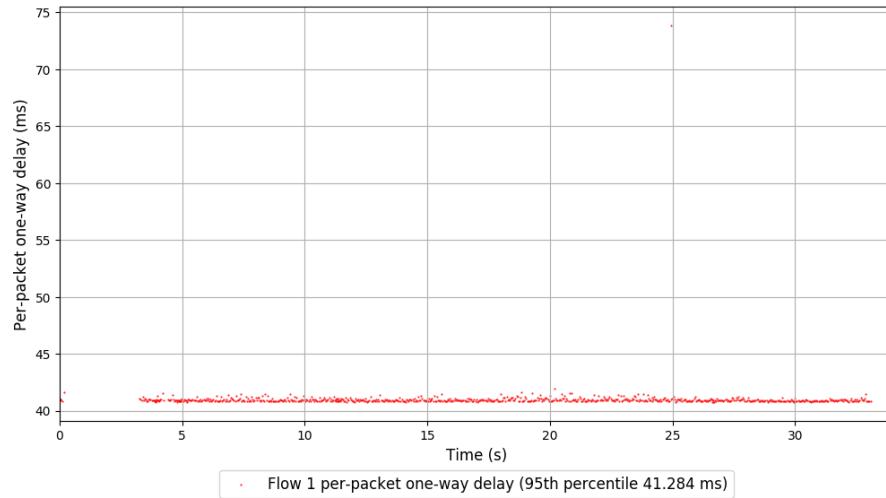
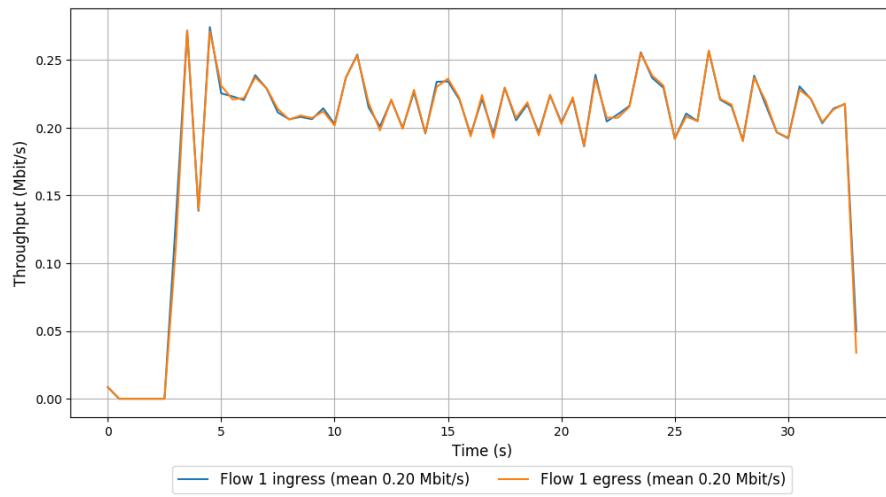


Run 7: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 21:58:26 +0000
End at: Fri, 23 Jun 2017 21:58:56 +0000
Local clock offset: 0.083 ms
Remote clock offset: -16.923 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 41.284 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 41.284 ms
Loss rate: 0.25%
```

Run 7: Report of SCReAM — Data Link

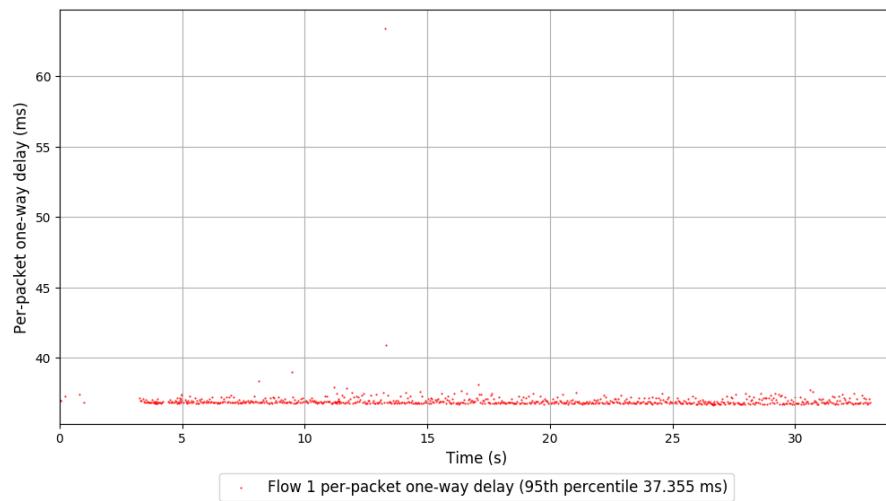
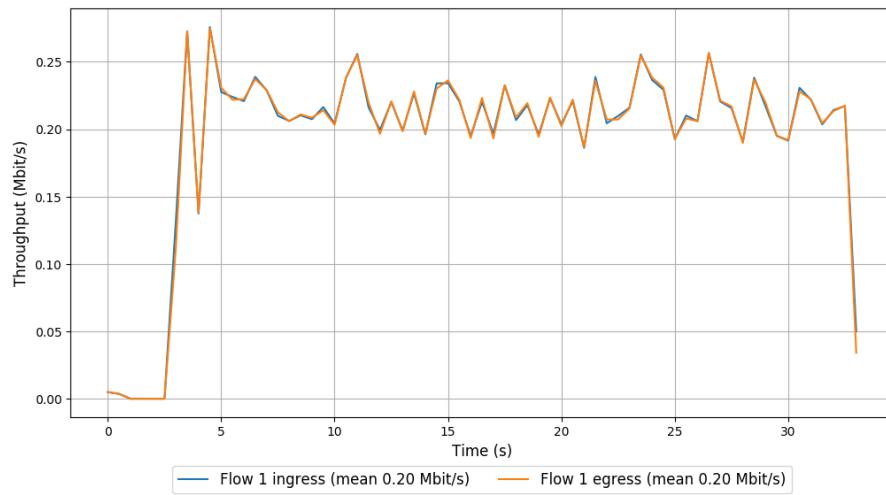


Run 8: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 22:15:54 +0000
End at: Fri, 23 Jun 2017 22:16:24 +0000
Local clock offset: 2.679 ms
Remote clock offset: -18.966 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 37.355 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 37.355 ms
Loss rate: 0.25%
```

Run 8: Report of SCReAM — Data Link

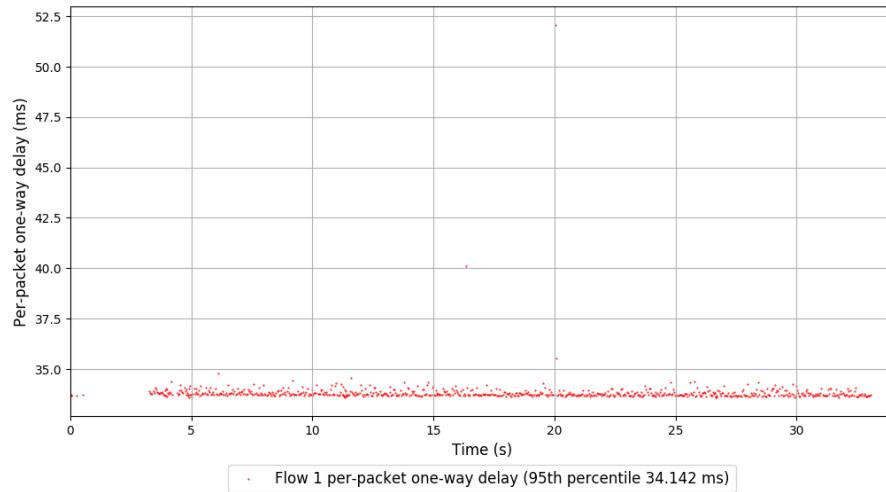
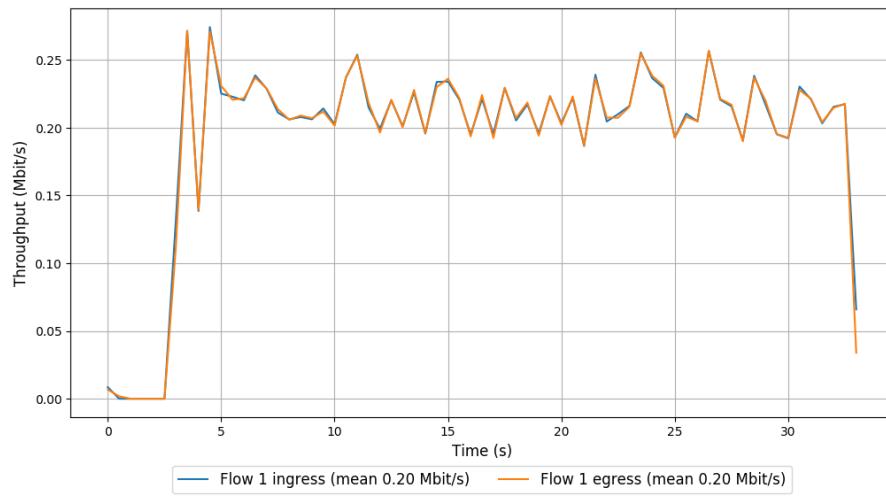


Run 9: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 22:33:17 +0000
End at: Fri, 23 Jun 2017 22:33:47 +0000
Local clock offset: 3.744 ms
Remote clock offset: -20.185 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 34.142 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 34.142 ms
Loss rate: 0.38%
```

Run 9: Report of SCReAM — Data Link

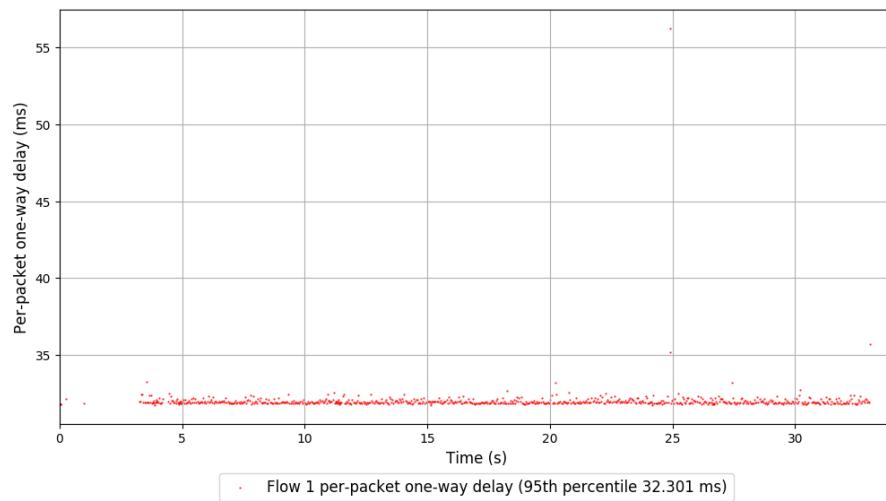
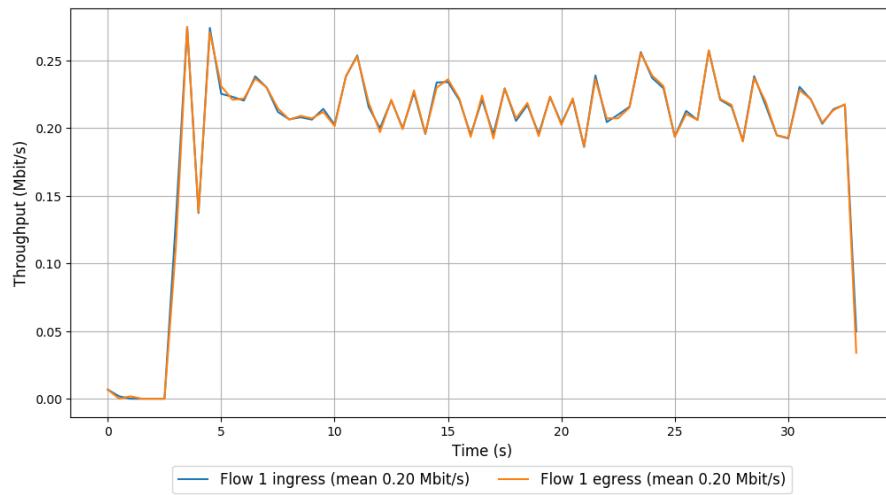


Run 10: Statistics of SCReAM

```
Start at: Fri, 23 Jun 2017 22:50:42 +0000
End at: Fri, 23 Jun 2017 22:51:12 +0000
Local clock offset: 4.143 ms
Remote clock offset: -22.229 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 32.301 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 32.301 ms
Loss rate: 0.25%
```

Run 10: Report of SCReAM — Data Link

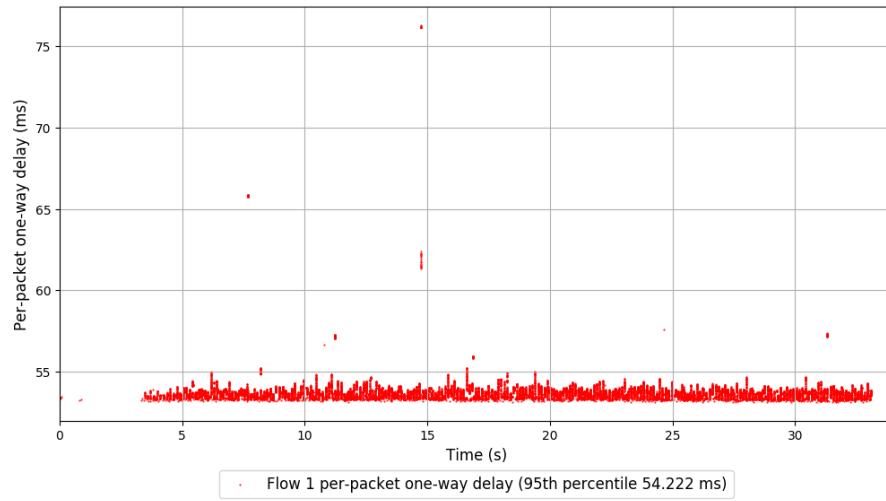
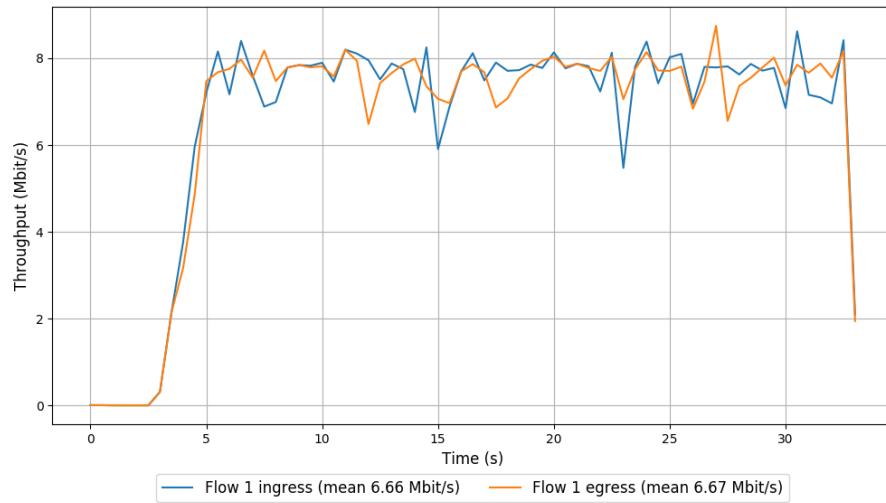


Run 1: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 20:19:22 +0000
End at: Fri, 23 Jun 2017 20:19:52 +0000
Local clock offset: -2.637 ms
Remote clock offset: -7.416 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.67 Mbit/s
95th percentile per-packet one-way delay: 54.222 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 6.67 Mbit/s
95th percentile per-packet one-way delay: 54.222 ms
Loss rate: 0.16%
```

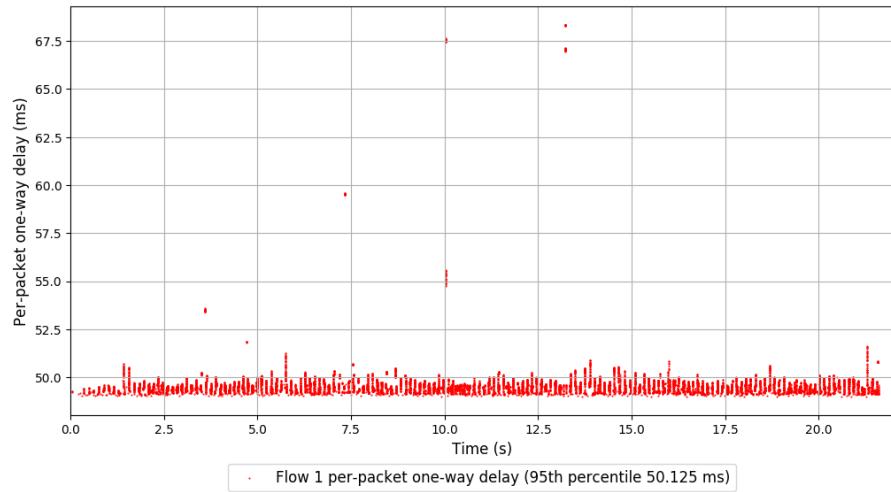
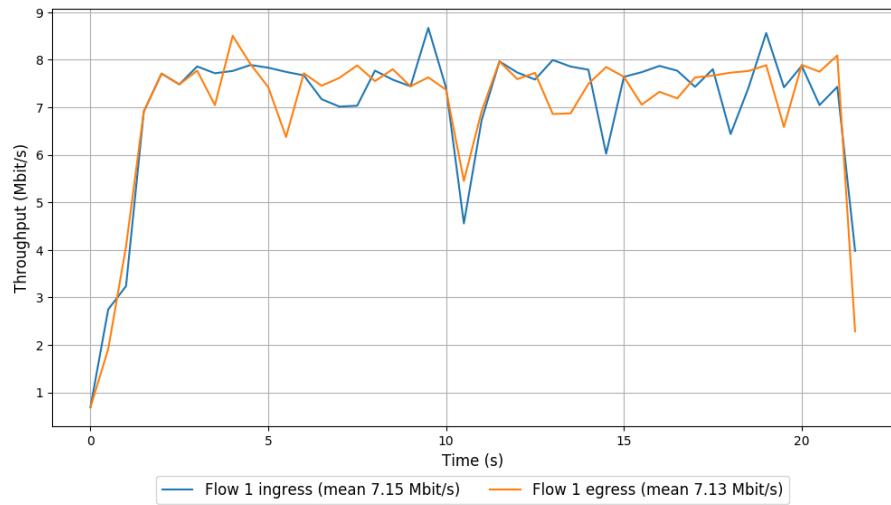
Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: Fri, 23 Jun 2017 20:36:46 +0000
End at: Fri, 23 Jun 2017 20:37:16 +0000
Local clock offset: -0.089 ms
Remote clock offset: -8.718 ms

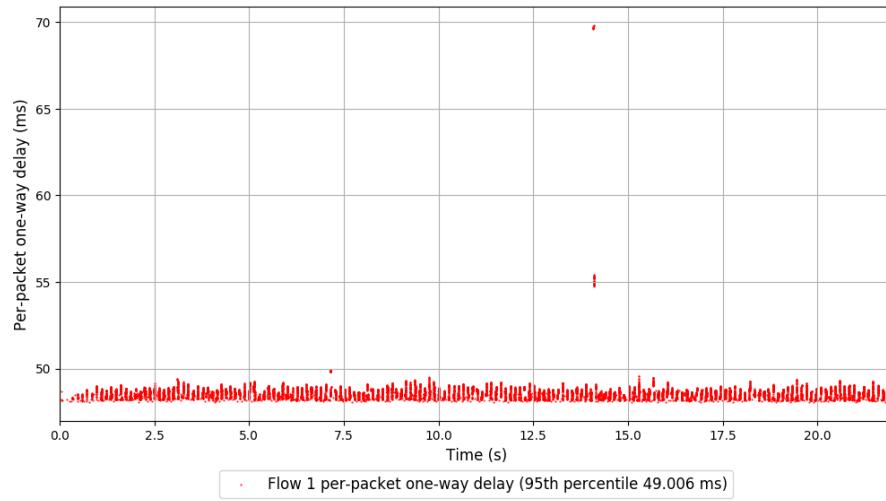
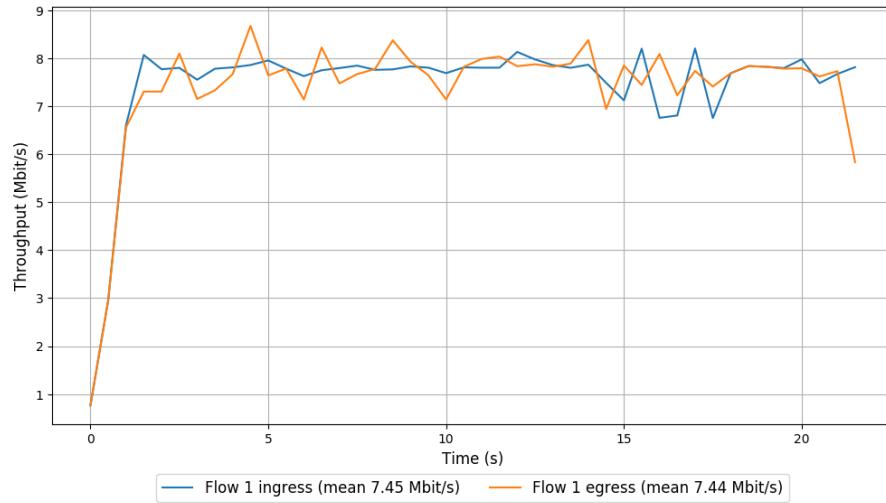
Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: Fri, 23 Jun 2017 20:54:12 +0000
End at: Fri, 23 Jun 2017 20:54:42 +0000
Local clock offset: 1.272 ms
Remote clock offset: -9.125 ms

Run 3: Report of Sprout — Data Link

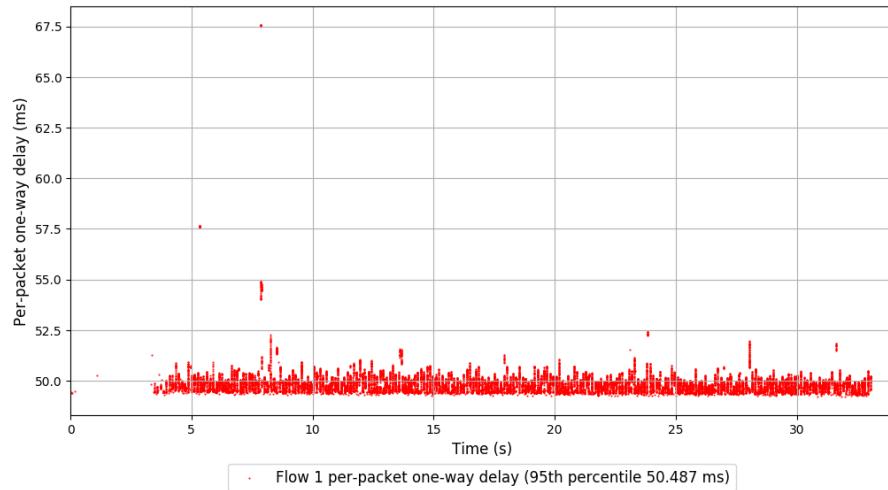
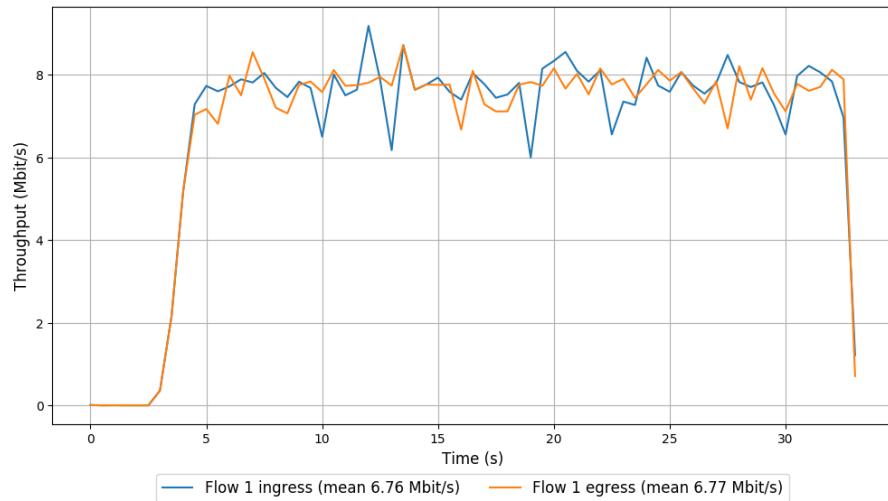


Run 4: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 21:11:29 +0000
End at: Fri, 23 Jun 2017 21:11:59 +0000
Local clock offset: -1.054 ms
Remote clock offset: -10.183 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.77 Mbit/s
95th percentile per-packet one-way delay: 50.487 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 6.77 Mbit/s
95th percentile per-packet one-way delay: 50.487 ms
Loss rate: 0.30%
```

Run 4: Report of Sprout — Data Link

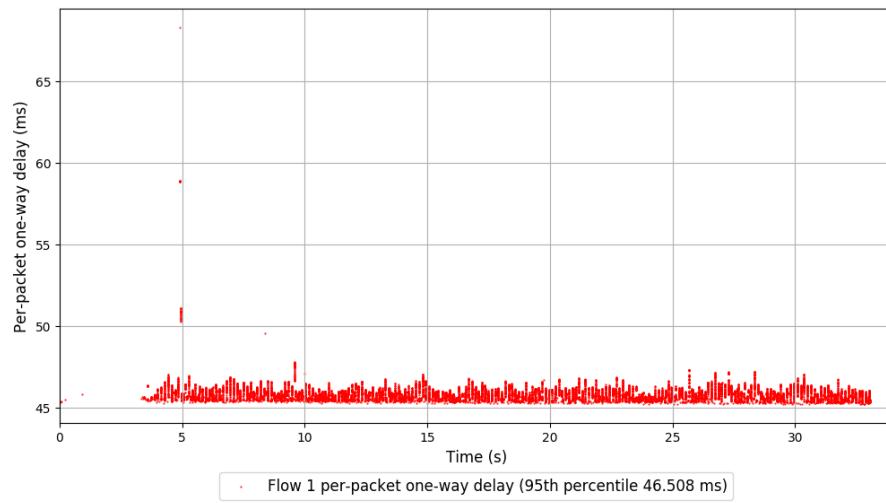
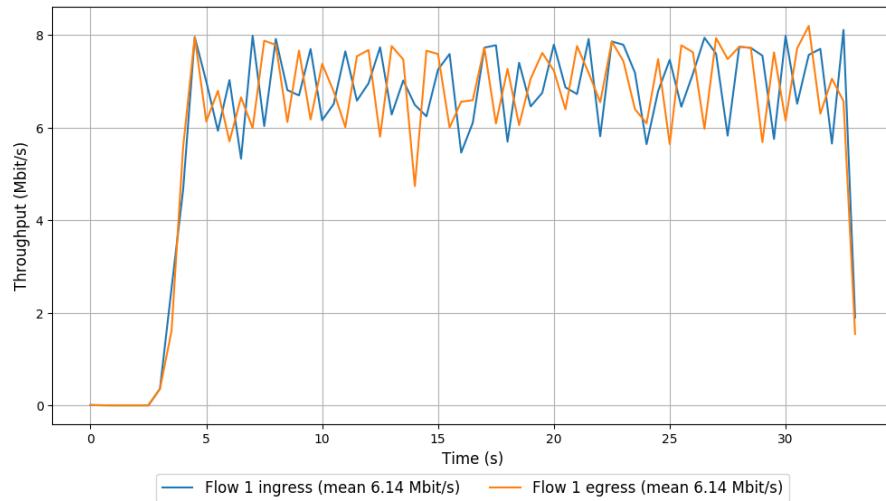


Run 5: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 21:29:02 +0000
End at: Fri, 23 Jun 2017 21:29:32 +0000
Local clock offset: -0.355 ms
Remote clock offset: -13.573 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:47:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.14 Mbit/s
95th percentile per-packet one-way delay: 46.508 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 6.14 Mbit/s
95th percentile per-packet one-way delay: 46.508 ms
Loss rate: 0.47%
```

Run 5: Report of Sprout — Data Link

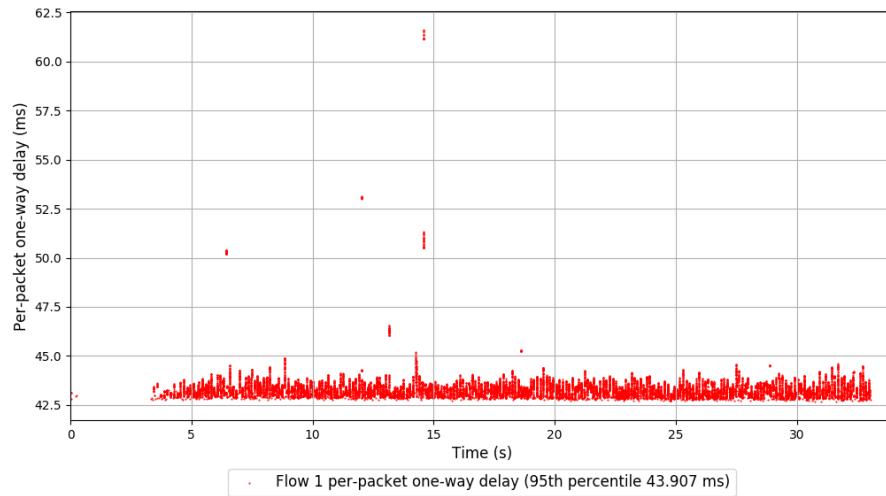
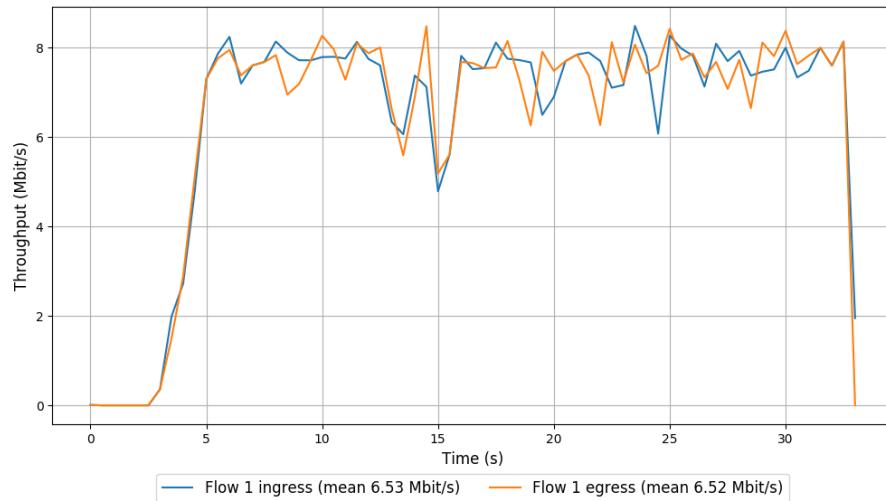


Run 6: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 21:46:23 +0000
End at: Fri, 23 Jun 2017 21:46:53 +0000
Local clock offset: -0.289 ms
Remote clock offset: -15.722 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:48:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.52 Mbit/s
95th percentile per-packet one-way delay: 43.907 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 6.52 Mbit/s
95th percentile per-packet one-way delay: 43.907 ms
Loss rate: 0.51%
```

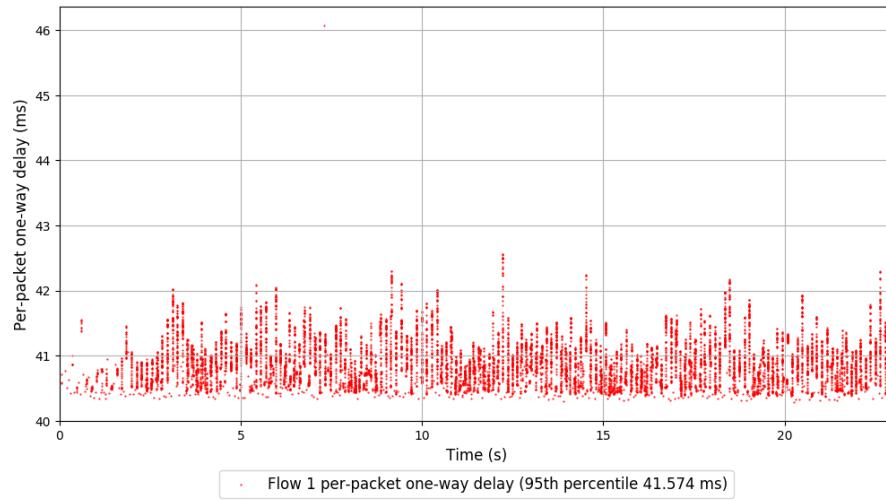
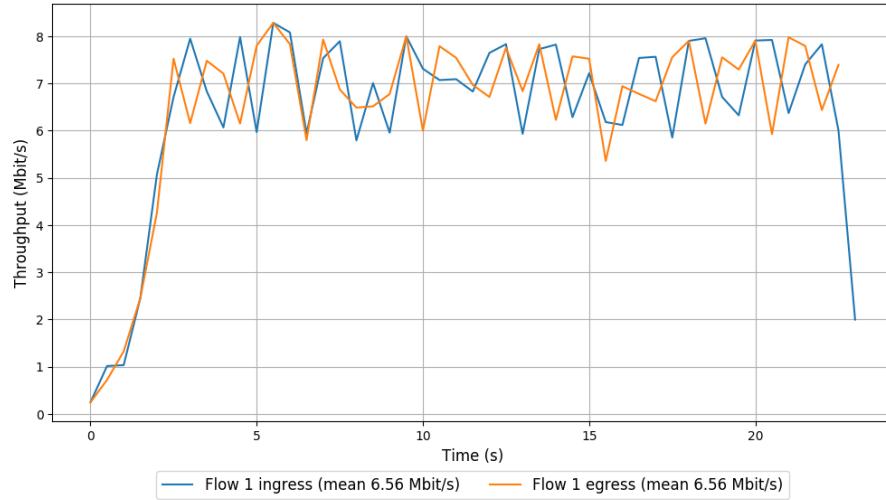
Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: Fri, 23 Jun 2017 22:04:00 +0000
End at: Fri, 23 Jun 2017 22:04:30 +0000
Local clock offset: 0.529 ms
Remote clock offset: -17.377 ms

Run 7: Report of Sprout — Data Link

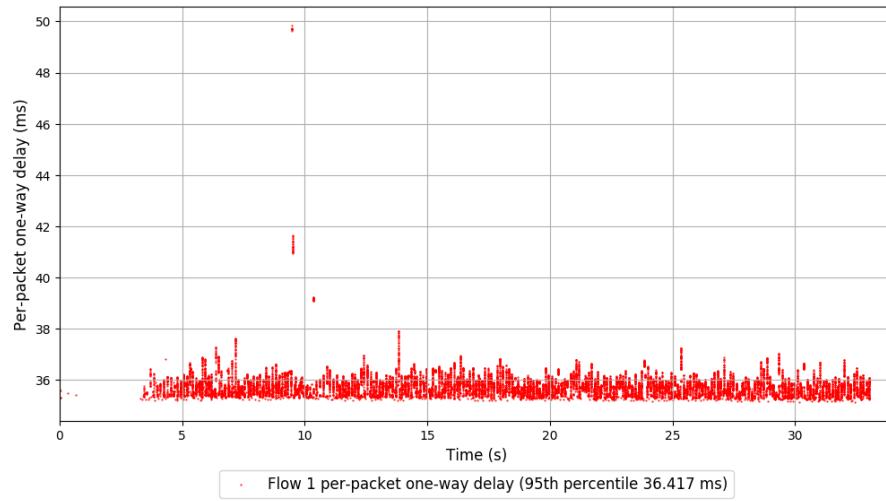
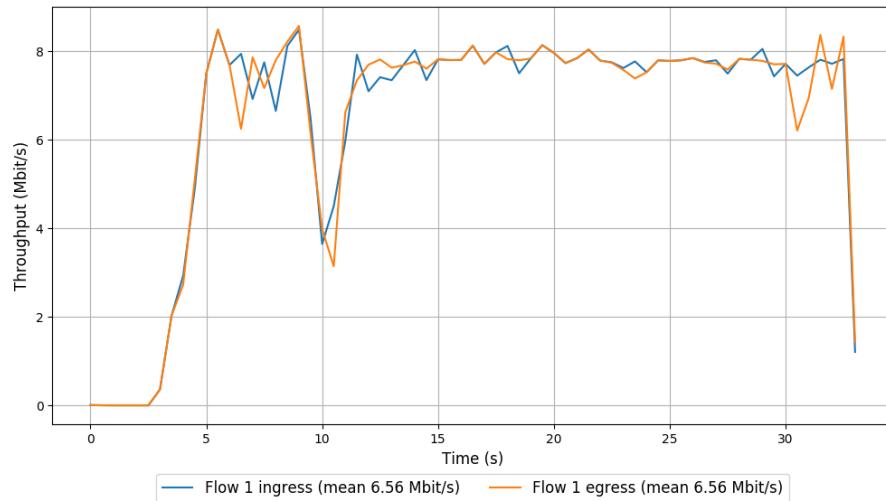


Run 8: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 22:21:28 +0000
End at: Fri, 23 Jun 2017 22:21:58 +0000
Local clock offset: 3.095 ms
Remote clock offset: -19.74 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:48:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.56 Mbit/s
95th percentile per-packet one-way delay: 36.417 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 6.56 Mbit/s
95th percentile per-packet one-way delay: 36.417 ms
Loss rate: 0.38%
```

Run 8: Report of Sprout — Data Link

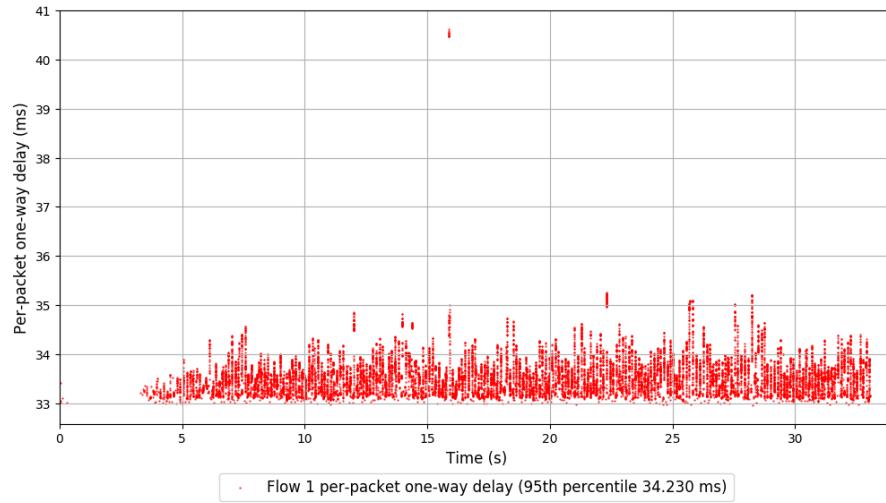
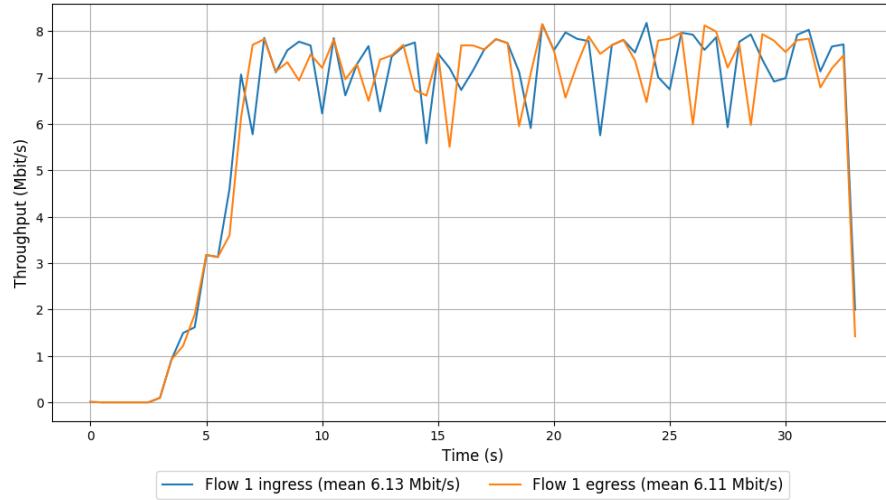


Run 9: Statistics of Sprout

```
Start at: Fri, 23 Jun 2017 22:38:51 +0000
End at: Fri, 23 Jun 2017 22:39:21 +0000
Local clock offset: 4.041 ms
Remote clock offset: -21.177 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:48:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.11 Mbit/s
95th percentile per-packet one-way delay: 34.230 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 6.11 Mbit/s
95th percentile per-packet one-way delay: 34.230 ms
Loss rate: 0.55%
```

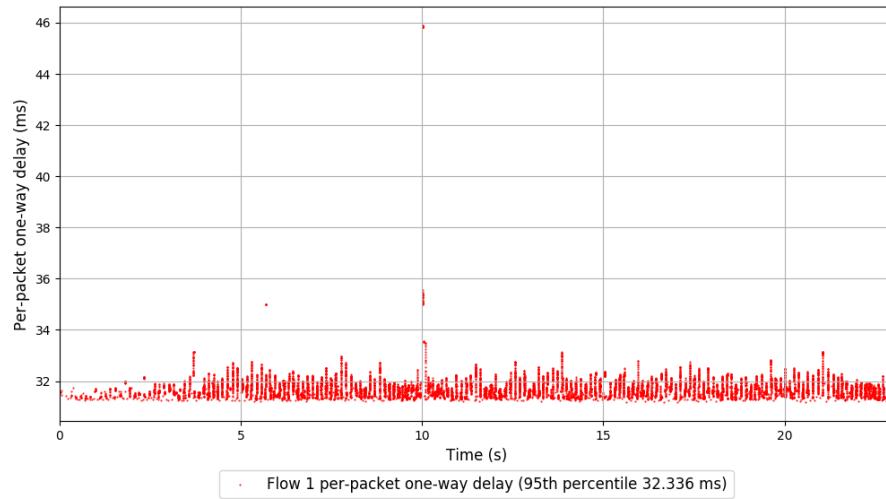
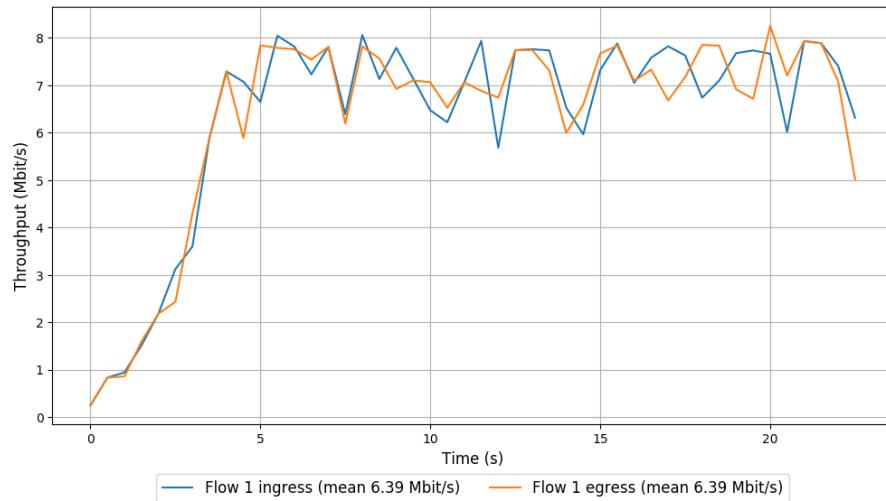
Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: Fri, 23 Jun 2017 22:56:17 +0000
End at: Fri, 23 Jun 2017 22:56:47 +0000
Local clock offset: 4.185 ms
Remote clock offset: -22.143 ms

Run 10: Report of Sprout — Data Link

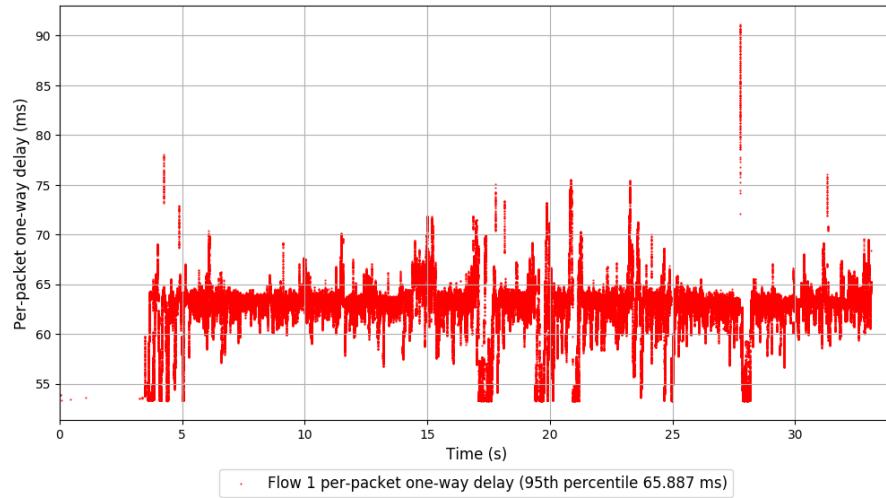
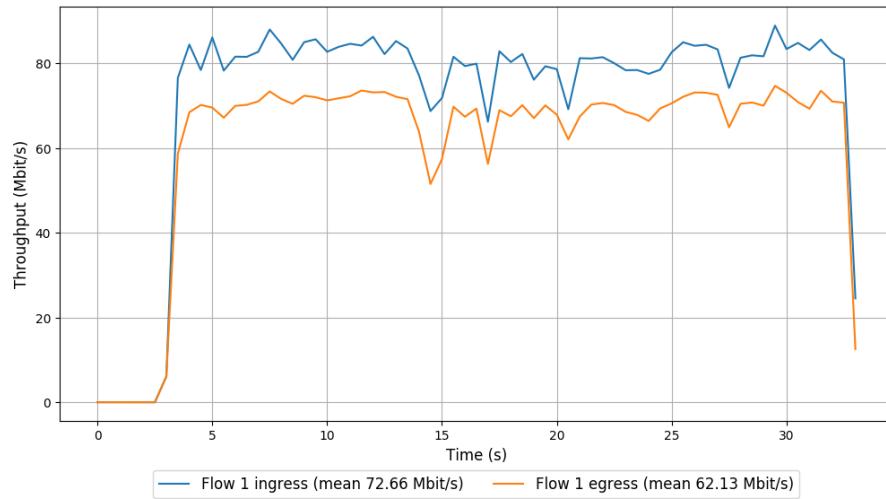


Run 1: Statistics of TaoVA-100x

```
Start at: Fri, 23 Jun 2017 20:21:39 +0000
End at: Fri, 23 Jun 2017 20:22:09 +0000
Local clock offset: -2.583 ms
Remote clock offset: -8.092 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:48:19 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.13 Mbit/s
95th percentile per-packet one-way delay: 65.887 ms
Loss rate: 14.79%
-- Flow 1:
Average throughput: 62.13 Mbit/s
95th percentile per-packet one-way delay: 65.887 ms
Loss rate: 14.79%
```

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

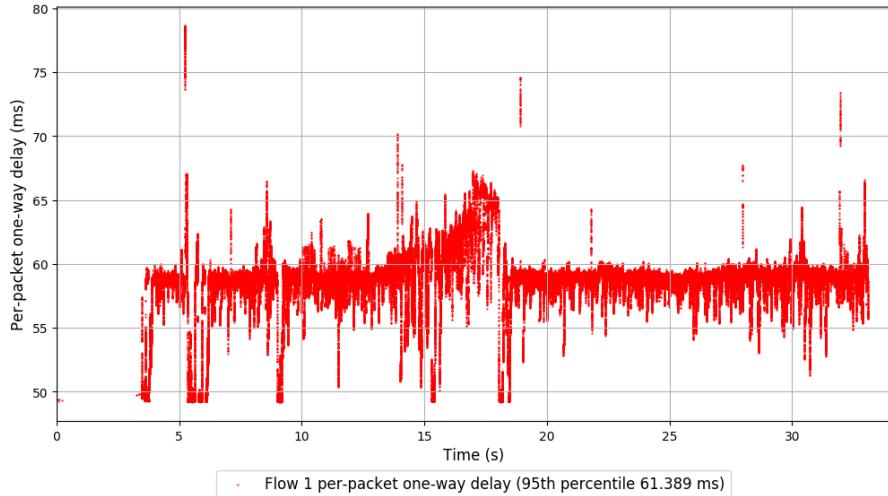
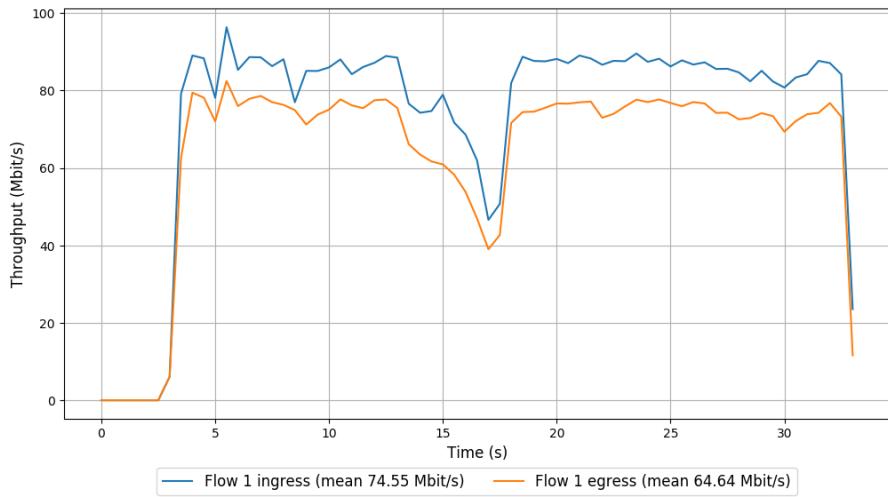


Run 2: Statistics of TaoVA-100x

```
Start at: Fri, 23 Jun 2017 20:39:02 +0000
End at: Fri, 23 Jun 2017 20:39:32 +0000
Local clock offset: 0.105 ms
Remote clock offset: -9.005 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:48:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.64 Mbit/s
95th percentile per-packet one-way delay: 61.389 ms
Loss rate: 13.58%
-- Flow 1:
Average throughput: 64.64 Mbit/s
95th percentile per-packet one-way delay: 61.389 ms
Loss rate: 13.58%
```

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

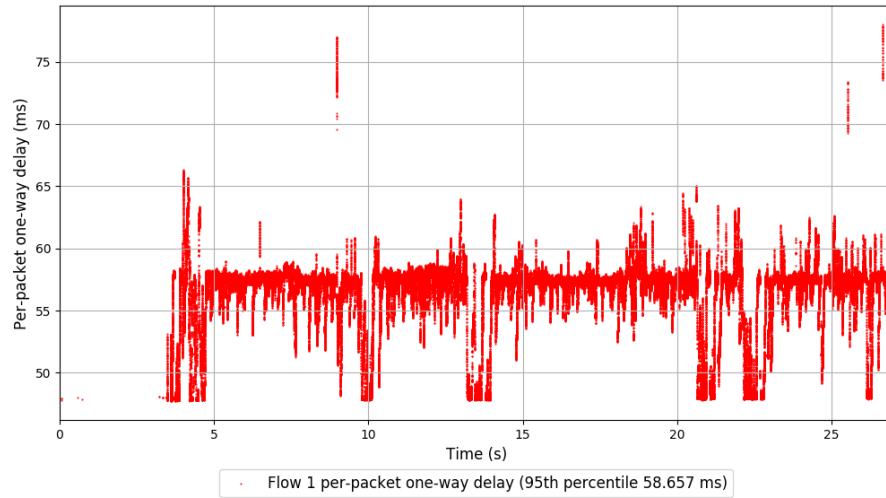
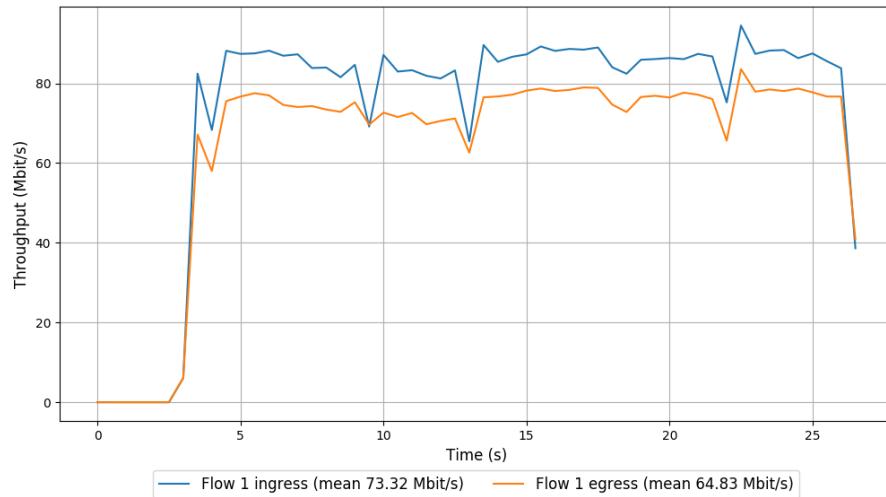


Run 3: Statistics of TaoVA-100x

```
Start at: Fri, 23 Jun 2017 20:56:28 +0000
End at: Fri, 23 Jun 2017 20:56:58 +0000
Local clock offset: 1.414 ms
Remote clock offset: -9.115 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:48:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.83 Mbit/s
95th percentile per-packet one-way delay: 58.657 ms
Loss rate: 11.58%
-- Flow 1:
Average throughput: 64.83 Mbit/s
95th percentile per-packet one-way delay: 58.657 ms
Loss rate: 11.58%
```

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

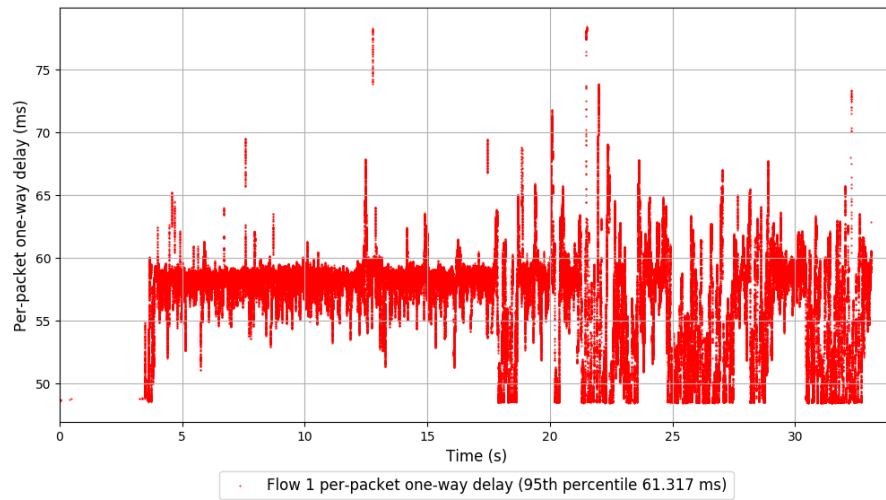
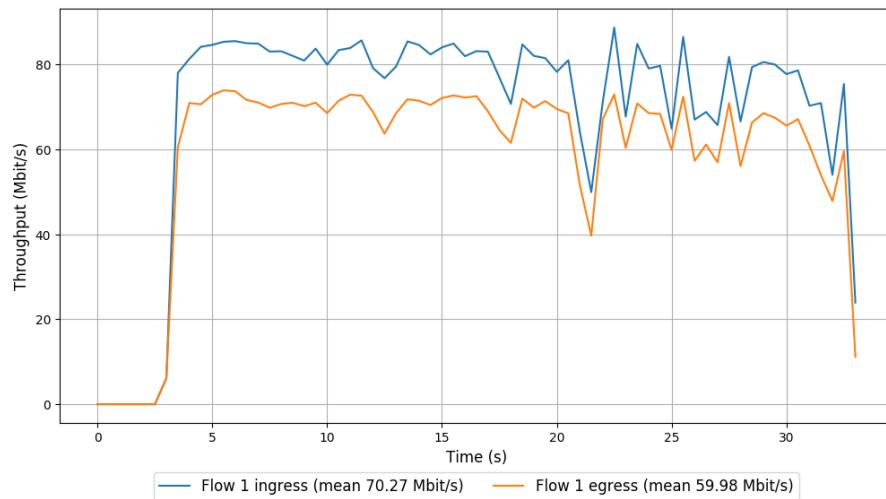


Run 4: Statistics of TaoVA-100x

```
Start at: Fri, 23 Jun 2017 21:13:46 +0000
End at: Fri, 23 Jun 2017 21:14:16 +0000
Local clock offset: -1.082 ms
Remote clock offset: -10.646 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:48:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.98 Mbit/s
95th percentile per-packet one-way delay: 61.317 ms
Loss rate: 14.93%
-- Flow 1:
Average throughput: 59.98 Mbit/s
95th percentile per-packet one-way delay: 61.317 ms
Loss rate: 14.93%
```

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

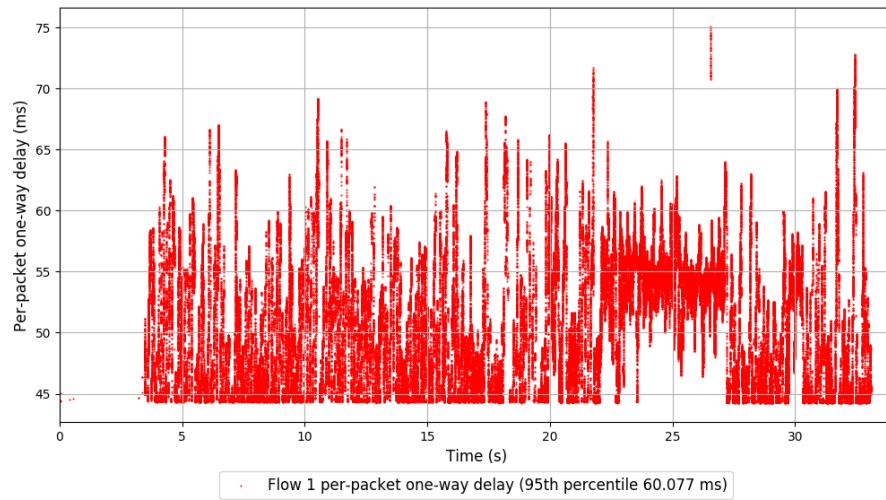
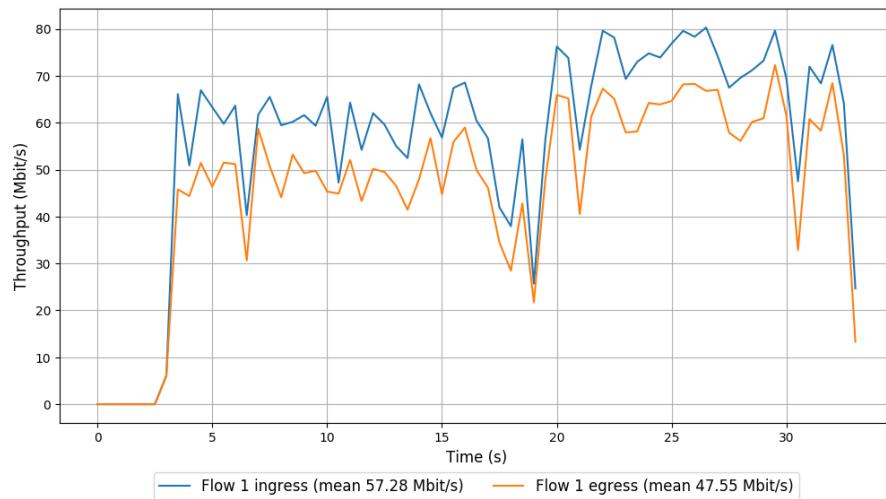


Run 5: Statistics of TaoVA-100x

```
Start at: Fri, 23 Jun 2017 21:31:15 +0000
End at: Fri, 23 Jun 2017 21:31:45 +0000
Local clock offset: -0.275 ms
Remote clock offset: -13.863 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:48:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.55 Mbit/s
95th percentile per-packet one-way delay: 60.077 ms
Loss rate: 17.26%
-- Flow 1:
Average throughput: 47.55 Mbit/s
95th percentile per-packet one-way delay: 60.077 ms
Loss rate: 17.26%
```

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

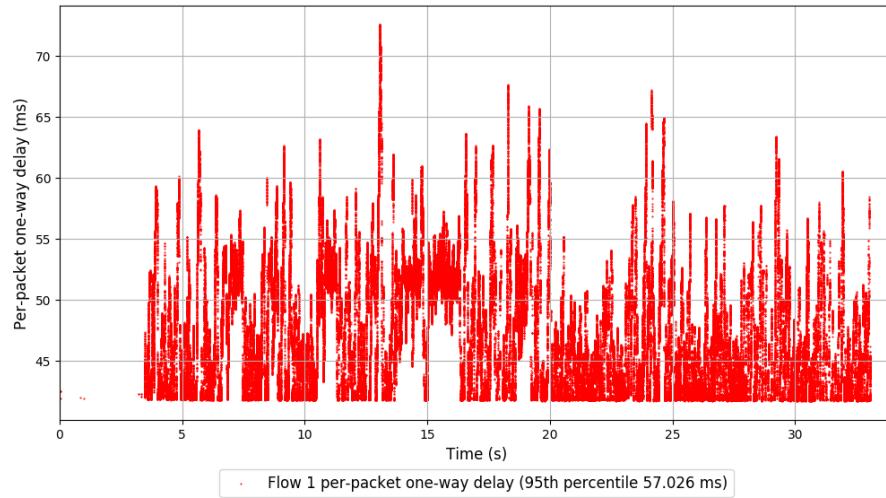
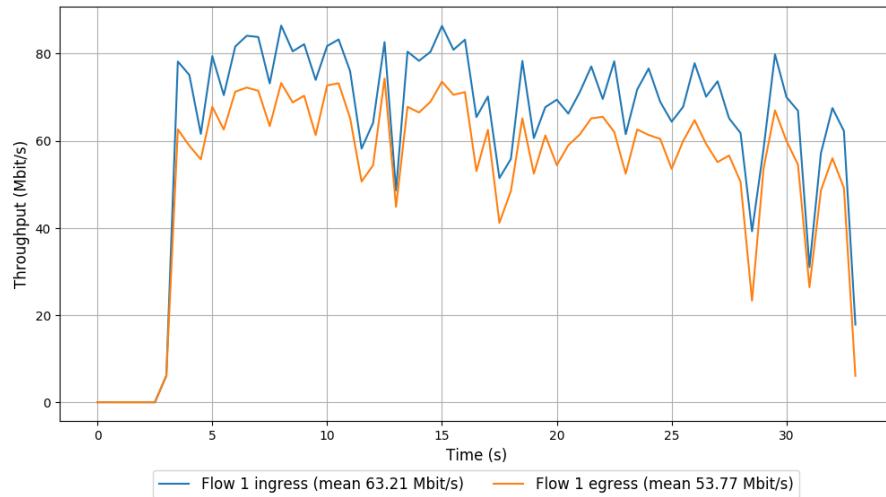


Run 6: Statistics of TaoVA-100x

```
Start at: Fri, 23 Jun 2017 21:48:39 +0000
End at: Fri, 23 Jun 2017 21:49:09 +0000
Local clock offset: -0.289 ms
Remote clock offset: -16.687 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:48:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.77 Mbit/s
95th percentile per-packet one-way delay: 57.026 ms
Loss rate: 15.25%
-- Flow 1:
Average throughput: 53.77 Mbit/s
95th percentile per-packet one-way delay: 57.026 ms
Loss rate: 15.25%
```

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



Run 7: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 22:06:16 +0000

End at: Fri, 23 Jun 2017 22:06:46 +0000

Local clock offset: 0.966 ms

Remote clock offset: -18.202 ms

Below is generated by plot.py at Fri, 23 Jun 2017 23:49:00 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.39 Mbit/s

95th percentile per-packet one-way delay: 53.657 ms

Loss rate: 15.22%

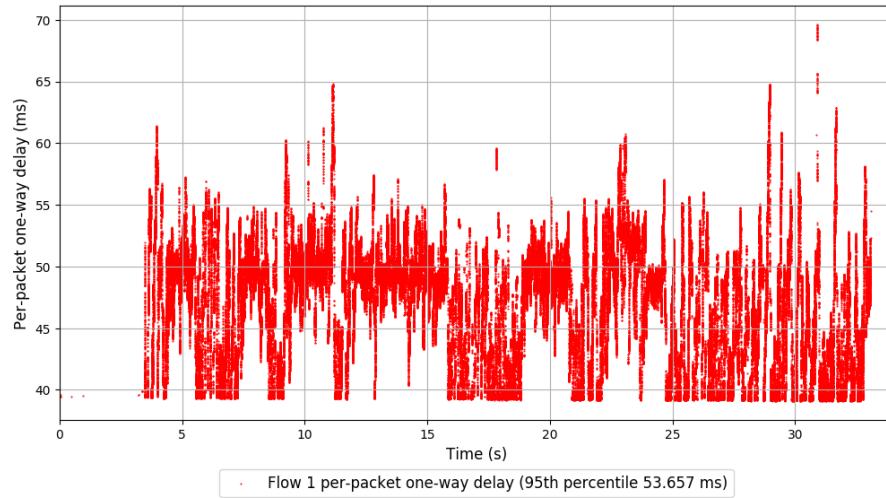
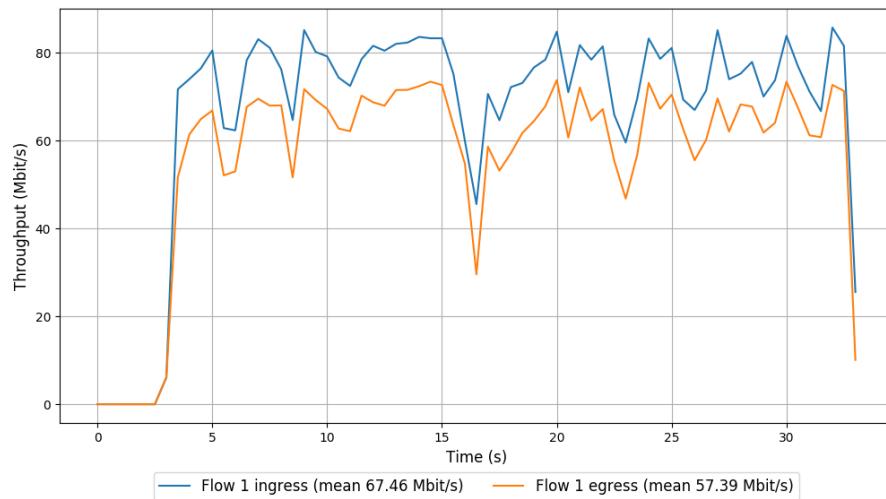
-- Flow 1:

Average throughput: 57.39 Mbit/s

95th percentile per-packet one-way delay: 53.657 ms

Loss rate: 15.22%

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

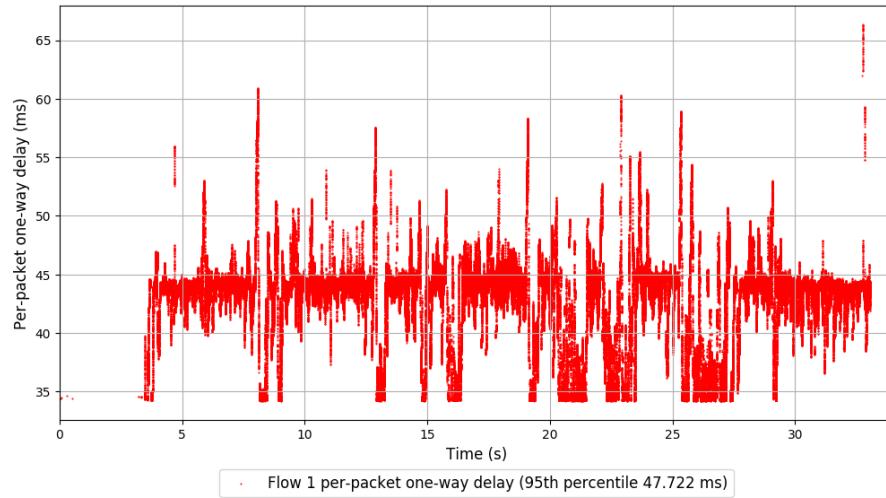
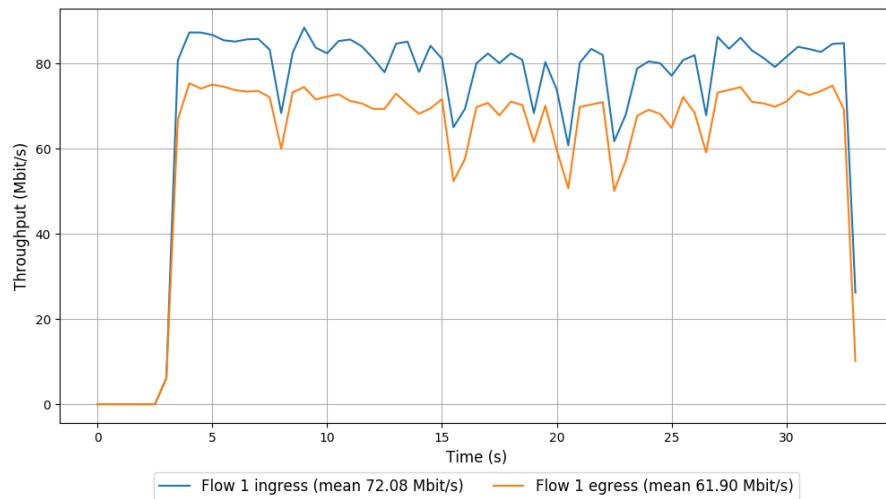


Run 8: Statistics of TaoVA-100x

```
Start at: Fri, 23 Jun 2017 22:23:44 +0000
End at: Fri, 23 Jun 2017 22:24:14 +0000
Local clock offset: 3.155 ms
Remote clock offset: -19.955 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:49:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.90 Mbit/s
95th percentile per-packet one-way delay: 47.722 ms
Loss rate: 14.41%
-- Flow 1:
Average throughput: 61.90 Mbit/s
95th percentile per-packet one-way delay: 47.722 ms
Loss rate: 14.41%
```

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



Run 9: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 22:41:09 +0000

End at: Fri, 23 Jun 2017 22:41:39 +0000

Local clock offset: 3.988 ms

Remote clock offset: -21.092 ms

Below is generated by plot.py at Fri, 23 Jun 2017 23:49:11 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 33.64 Mbit/s

95th percentile per-packet one-way delay: 47.491 ms

Loss rate: 18.67%

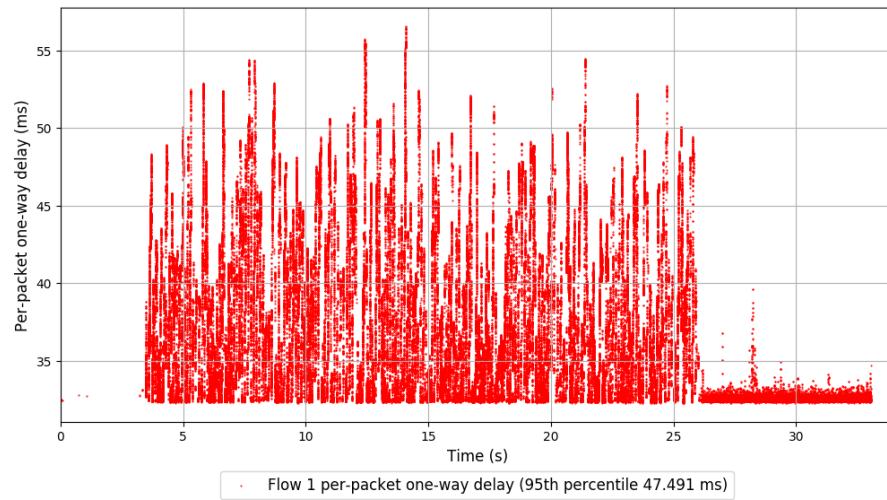
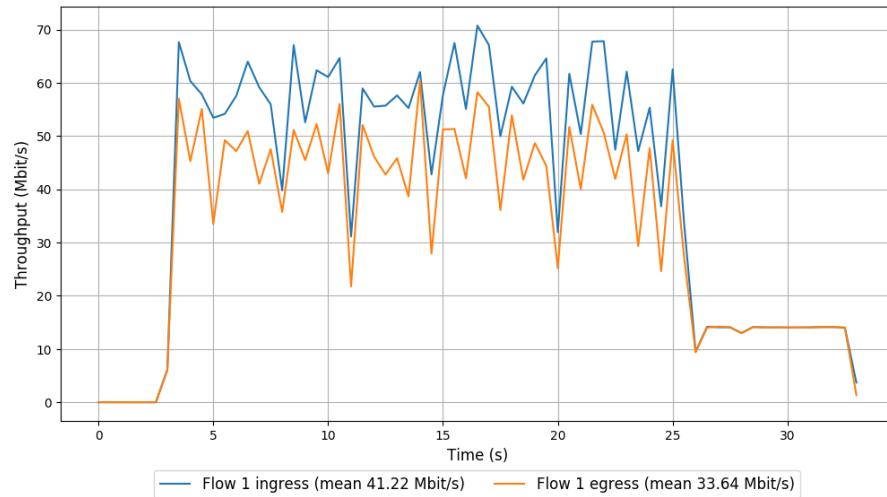
-- Flow 1:

Average throughput: 33.64 Mbit/s

95th percentile per-packet one-way delay: 47.491 ms

Loss rate: 18.67%

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



Run 10: Statistics of TaoVA-100x

Start at: Fri, 23 Jun 2017 22:58:33 +0000

End at: Fri, 23 Jun 2017 22:59:03 +0000

Local clock offset: 4.221 ms

Remote clock offset: -22.533 ms

Below is generated by plot.py at Fri, 23 Jun 2017 23:49:22 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.08 Mbit/s

95th percentile per-packet one-way delay: 44.896 ms

Loss rate: 18.36%

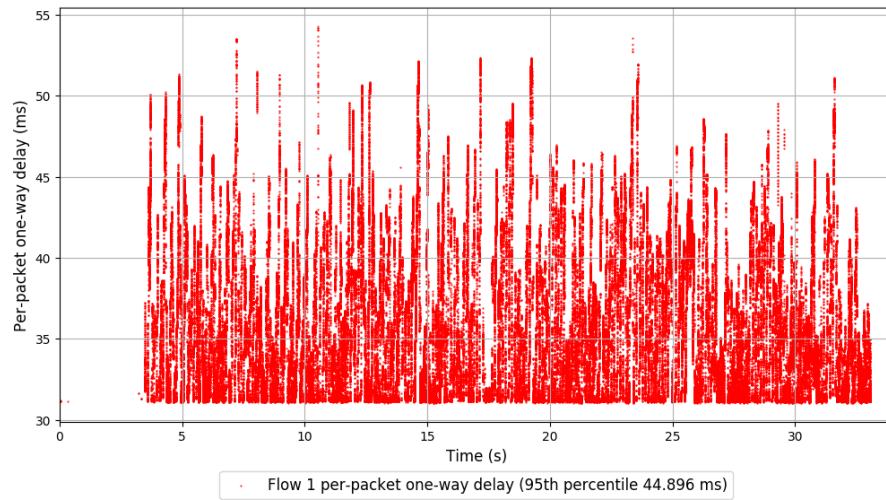
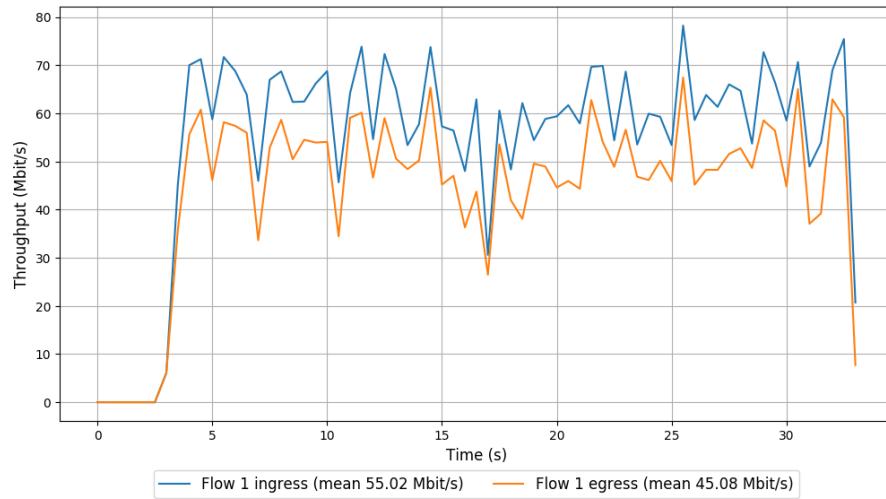
-- Flow 1:

Average throughput: 45.08 Mbit/s

95th percentile per-packet one-way delay: 44.896 ms

Loss rate: 18.36%

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

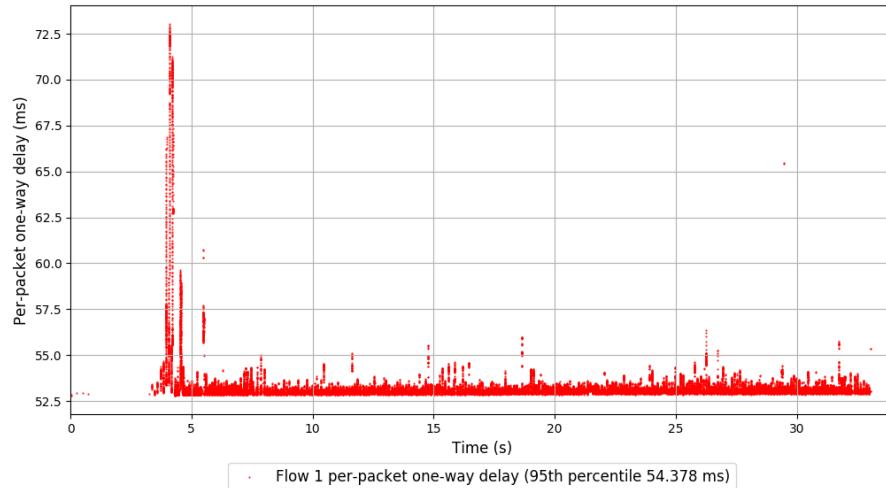
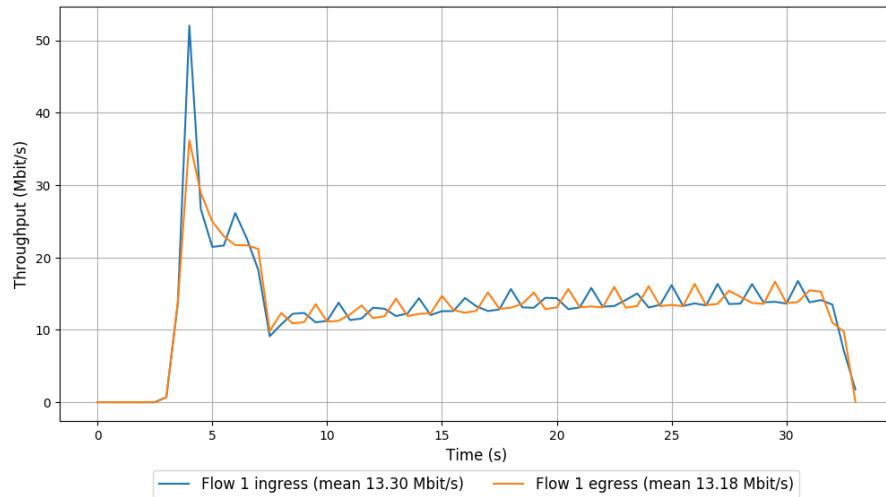


Run 1: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 20:16:02 +0000
End at: Fri, 23 Jun 2017 20:16:32 +0000
Local clock offset: -2.675 ms
Remote clock offset: -7.672 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:49:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.18 Mbit/s
95th percentile per-packet one-way delay: 54.378 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 13.18 Mbit/s
95th percentile per-packet one-way delay: 54.378 ms
Loss rate: 1.23%
```

Run 1: Report of TCP Vegas — Data Link

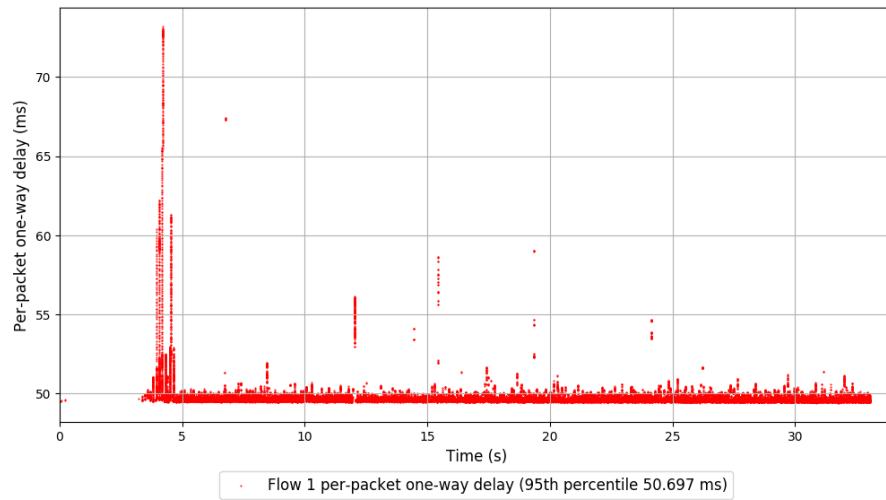
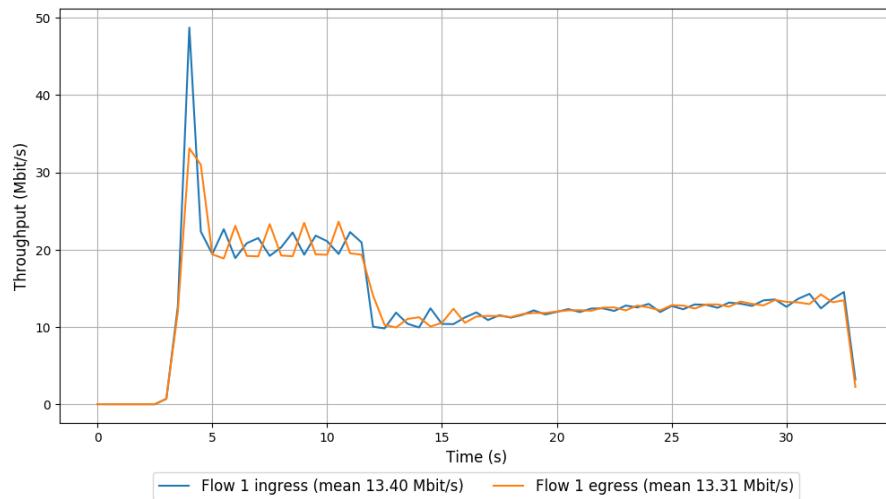


Run 2: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 20:33:25 +0000
End at: Fri, 23 Jun 2017 20:33:55 +0000
Local clock offset: -0.446 ms
Remote clock offset: -9.001 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:49:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.31 Mbit/s
95th percentile per-packet one-way delay: 50.697 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 13.31 Mbit/s
95th percentile per-packet one-way delay: 50.697 ms
Loss rate: 1.15%
```

Run 2: Report of TCP Vegas — Data Link

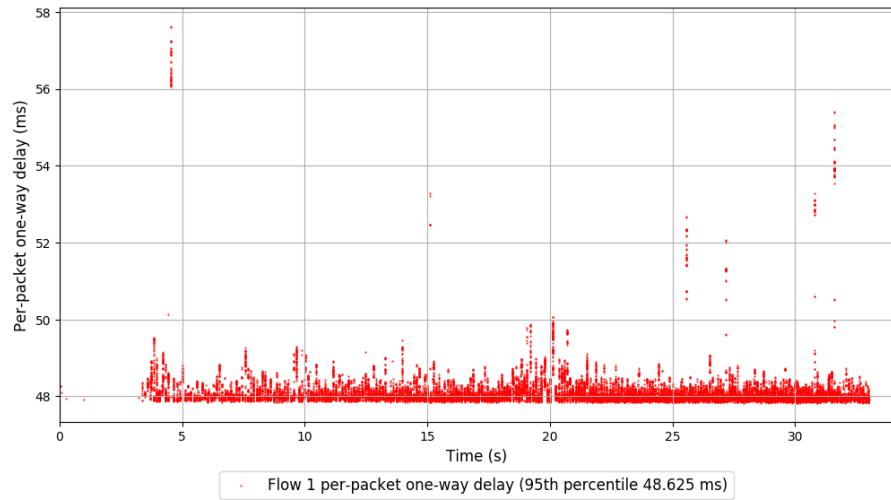
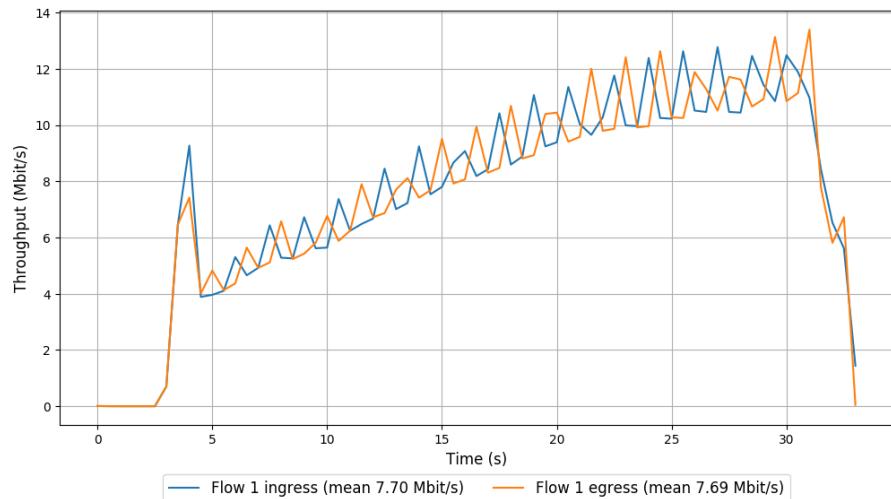


Run 3: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 20:50:52 +0000
End at: Fri, 23 Jun 2017 20:51:22 +0000
Local clock offset: 1.153 ms
Remote clock offset: -9.281 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:49:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.69 Mbit/s
95th percentile per-packet one-way delay: 48.625 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 7.69 Mbit/s
95th percentile per-packet one-way delay: 48.625 ms
Loss rate: 0.49%
```

Run 3: Report of TCP Vegas — Data Link

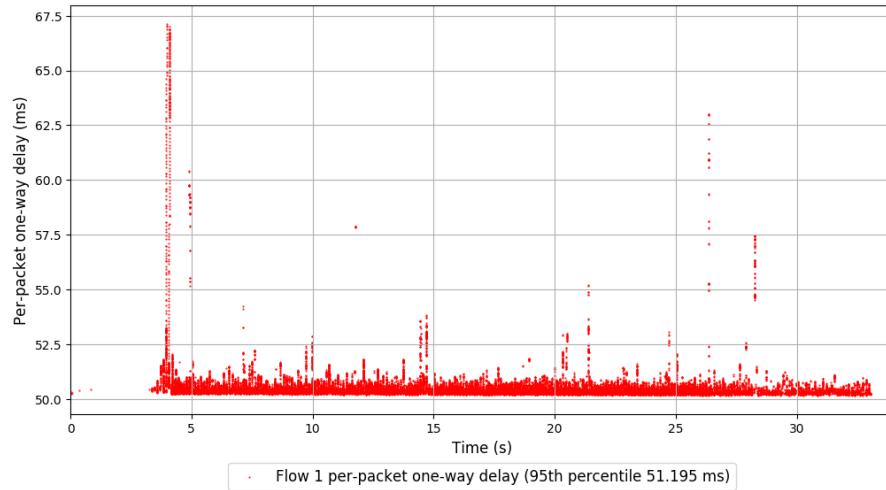
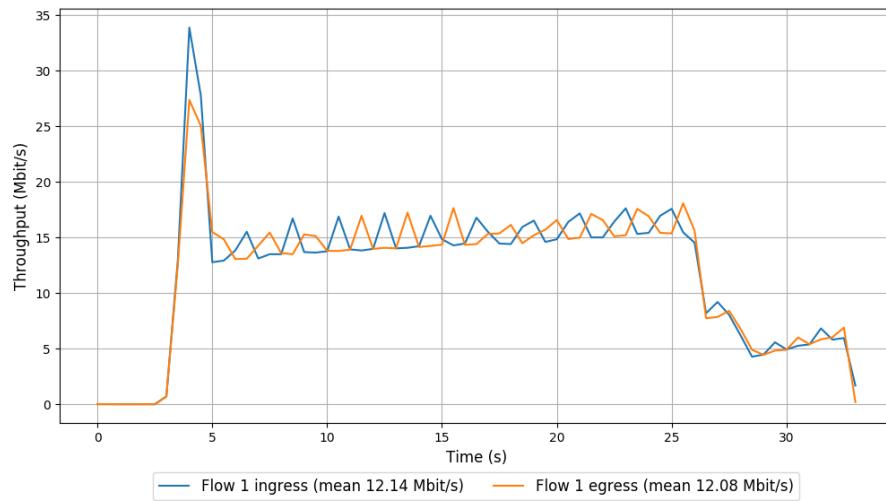


Run 4: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 21:08:09 +0000
End at: Fri, 23 Jun 2017 21:08:39 +0000
Local clock offset: -0.804 ms
Remote clock offset: -9.295 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:49:22 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.08 Mbit/s
95th percentile per-packet one-way delay: 51.195 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 12.08 Mbit/s
95th percentile per-packet one-way delay: 51.195 ms
Loss rate: 0.83%
```

Run 4: Report of TCP Vegas — Data Link

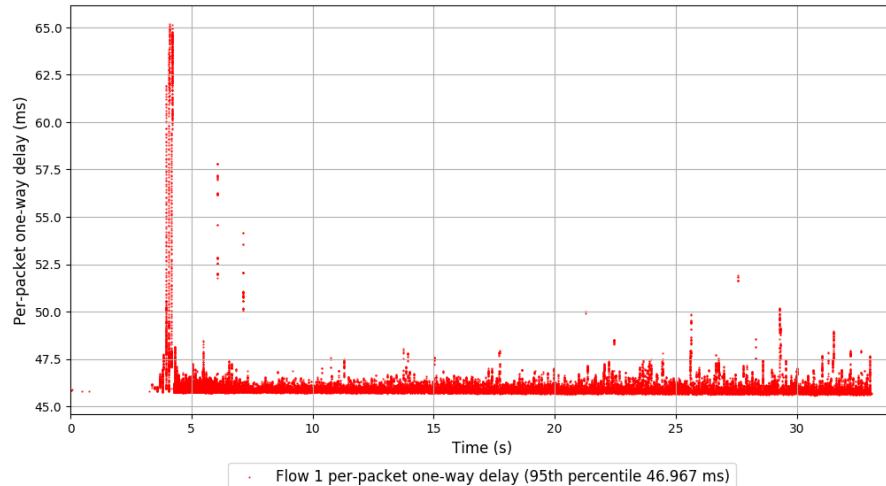
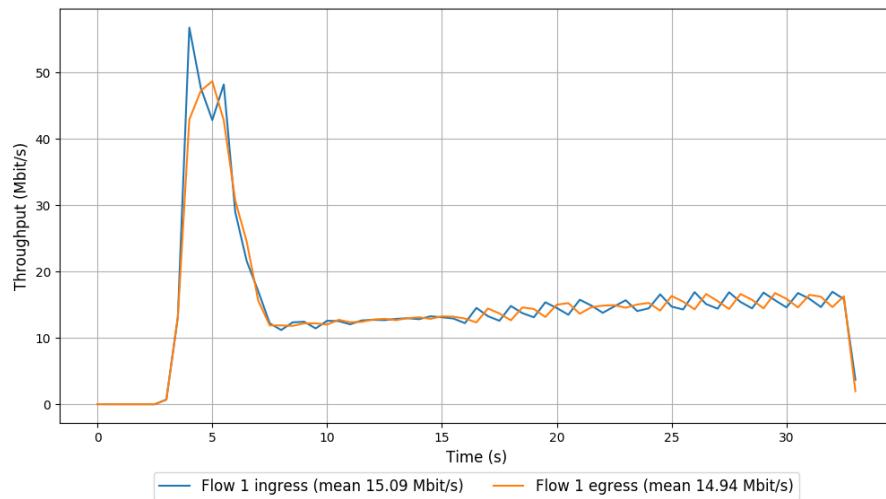


Run 5: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 21:25:41 +0000
End at: Fri, 23 Jun 2017 21:26:11 +0000
Local clock offset: -0.58 ms
Remote clock offset: -13.209 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:49:24 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.94 Mbit/s
95th percentile per-packet one-way delay: 46.967 ms
Loss rate: 1.31%
-- Flow 1:
Average throughput: 14.94 Mbit/s
95th percentile per-packet one-way delay: 46.967 ms
Loss rate: 1.31%
```

Run 5: Report of TCP Vegas — Data Link

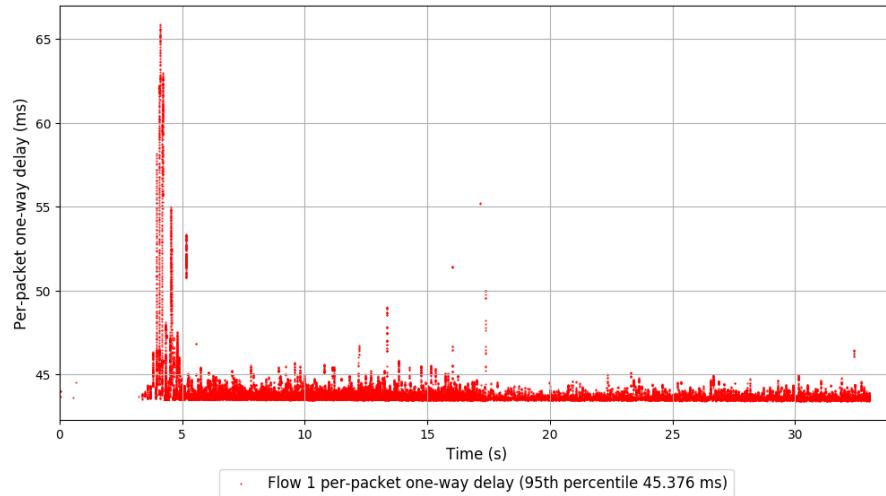
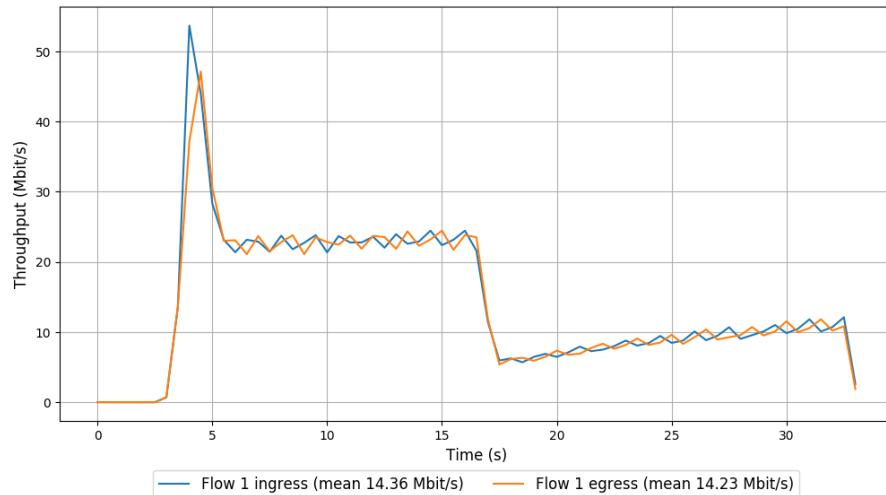


Run 6: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 21:43:02 +0000
End at: Fri, 23 Jun 2017 21:43:32 +0000
Local clock offset: -0.377 ms
Remote clock offset: -15.359 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:49:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.23 Mbit/s
95th percentile per-packet one-way delay: 45.376 ms
Loss rate: 1.25%
-- Flow 1:
Average throughput: 14.23 Mbit/s
95th percentile per-packet one-way delay: 45.376 ms
Loss rate: 1.25%
```

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: Fri, 23 Jun 2017 22:00:39 +0000

End at: Fri, 23 Jun 2017 22:01:09 +0000

Local clock offset: 0.276 ms

Remote clock offset: -17.087 ms

Below is generated by plot.py at Fri, 23 Jun 2017 23:49:29 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 22.62 Mbit/s

95th percentile per-packet one-way delay: 41.941 ms

Loss rate: 1.09%

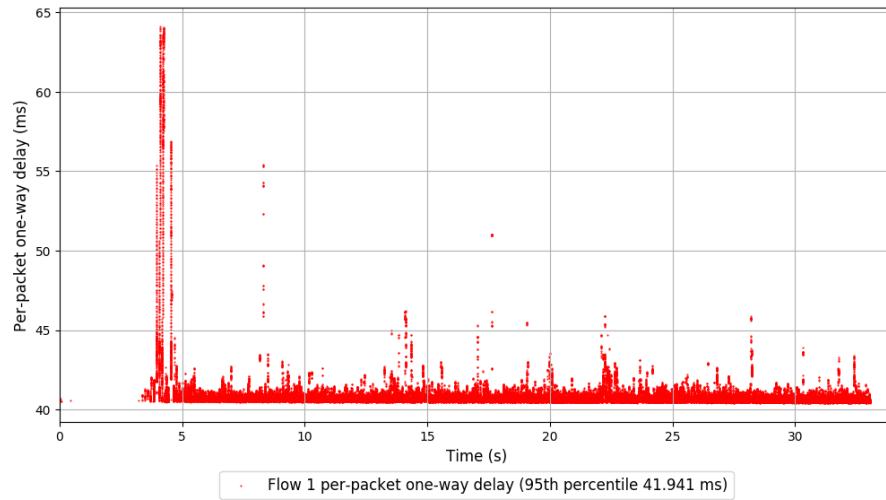
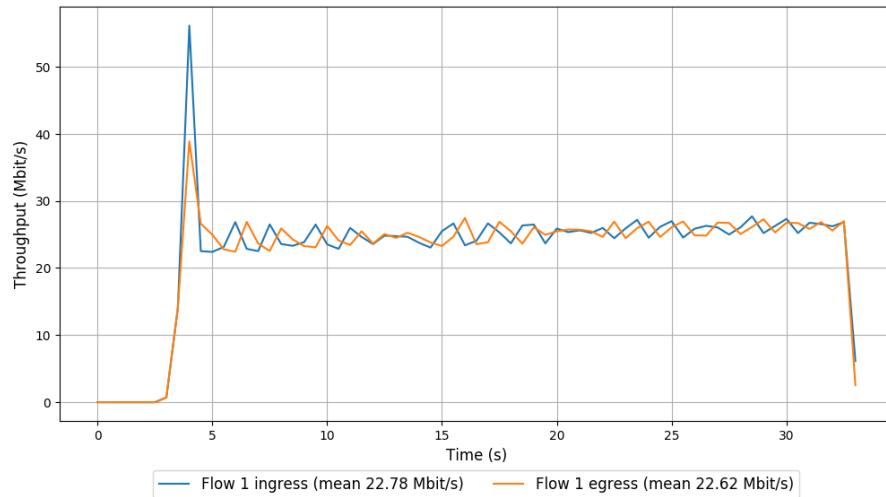
-- Flow 1:

Average throughput: 22.62 Mbit/s

95th percentile per-packet one-way delay: 41.941 ms

Loss rate: 1.09%

Run 7: Report of TCP Vegas — Data Link

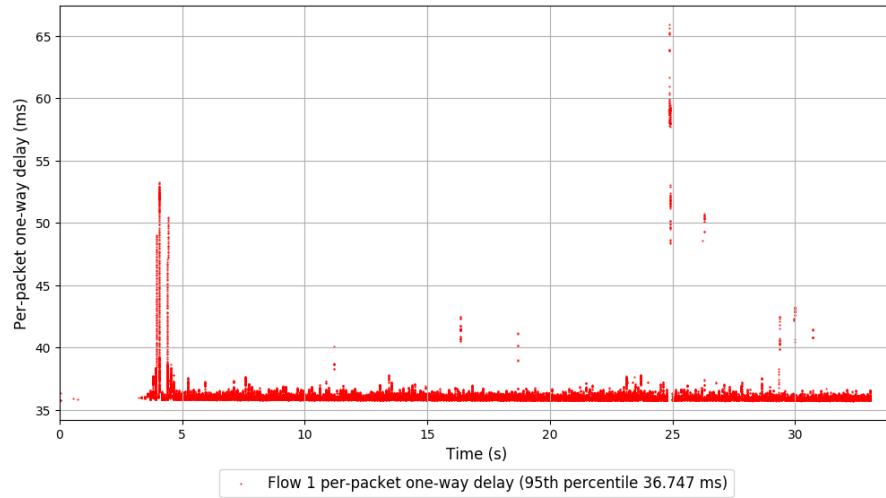
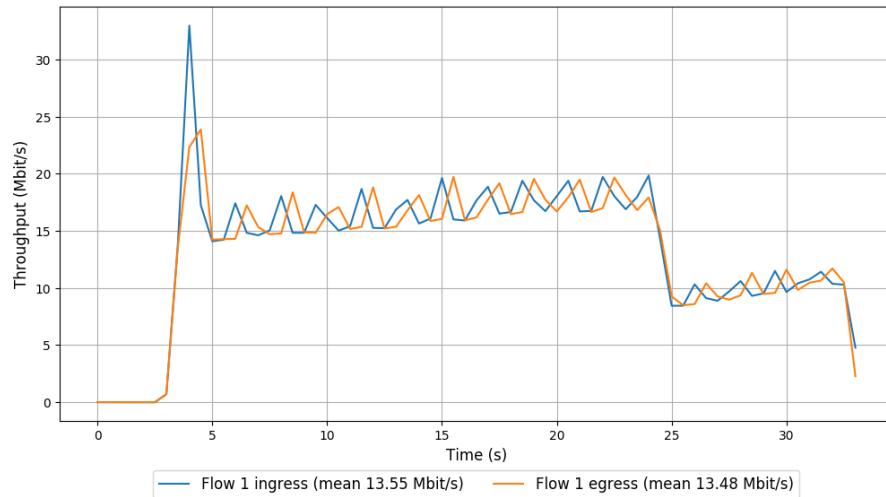


Run 8: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 22:18:07 +0000
End at: Fri, 23 Jun 2017 22:18:37 +0000
Local clock offset: 2.895 ms
Remote clock offset: -19.075 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:49:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.48 Mbit/s
95th percentile per-packet one-way delay: 36.747 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 13.48 Mbit/s
95th percentile per-packet one-way delay: 36.747 ms
Loss rate: 0.91%
```

Run 8: Report of TCP Vegas — Data Link

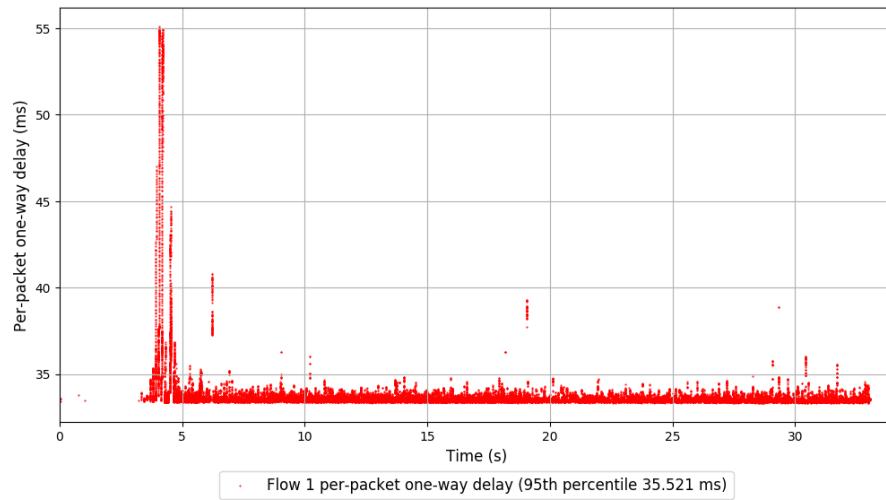
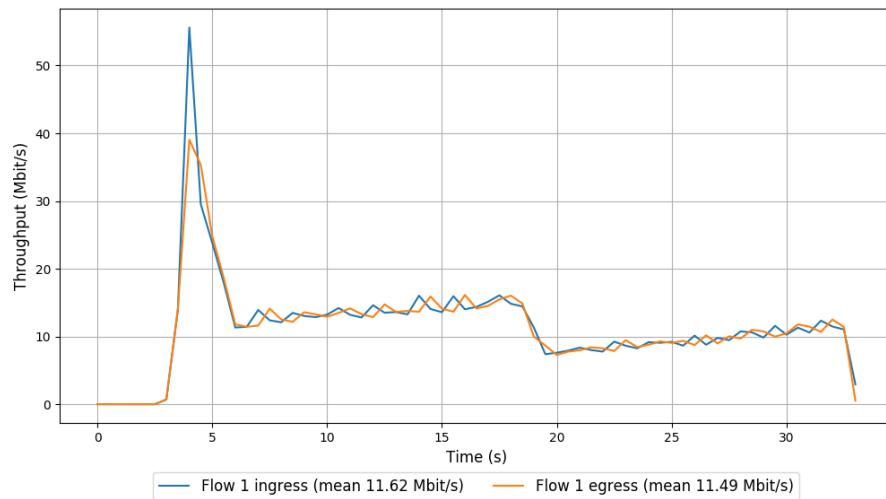


Run 9: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 22:35:31 +0000
End at: Fri, 23 Jun 2017 22:36:01 +0000
Local clock offset: 3.957 ms
Remote clock offset: -20.488 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:49:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.49 Mbit/s
95th percentile per-packet one-way delay: 35.521 ms
Loss rate: 1.47%
-- Flow 1:
Average throughput: 11.49 Mbit/s
95th percentile per-packet one-way delay: 35.521 ms
Loss rate: 1.47%
```

Run 9: Report of TCP Vegas — Data Link

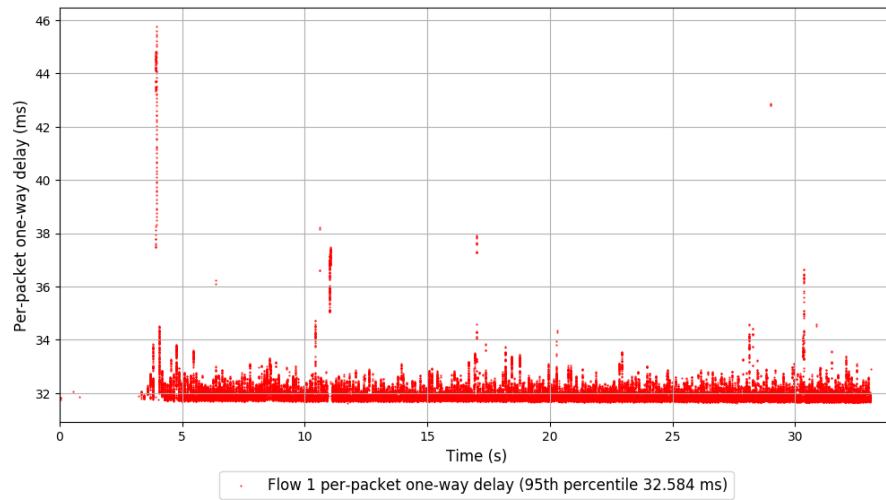
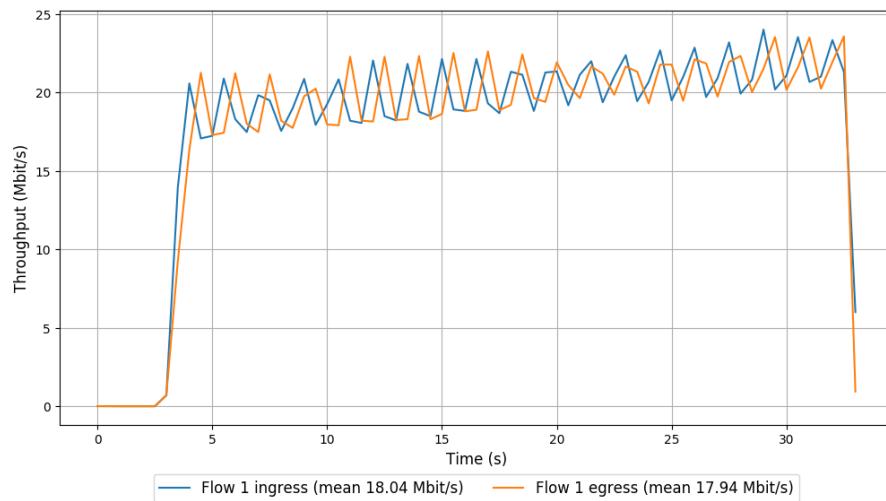


Run 10: Statistics of TCP Vegas

```
Start at: Fri, 23 Jun 2017 22:52:56 +0000
End at: Fri, 23 Jun 2017 22:53:26 +0000
Local clock offset: 4.138 ms
Remote clock offset: -22.454 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:49:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.94 Mbit/s
95th percentile per-packet one-way delay: 32.584 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 17.94 Mbit/s
95th percentile per-packet one-way delay: 32.584 ms
Loss rate: 0.82%
```

Run 10: Report of TCP Vegas — Data Link

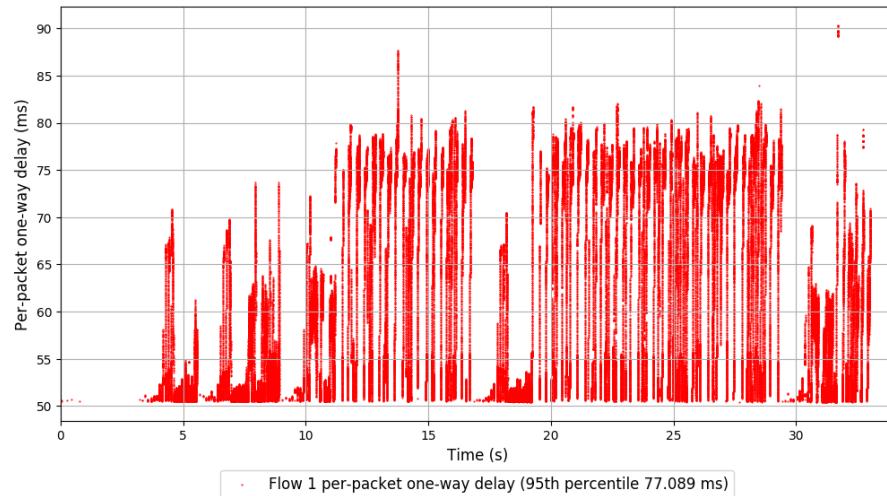
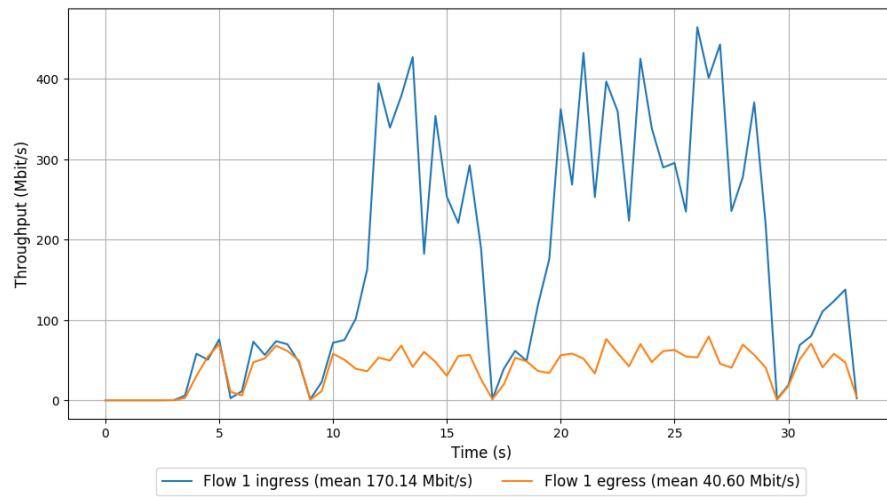


Run 1: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 20:27:42 +0000
End at: Fri, 23 Jun 2017 20:28:12 +0000
Local clock offset: -1.024 ms
Remote clock offset: -8.527 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:49:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.60 Mbit/s
95th percentile per-packet one-way delay: 77.089 ms
Loss rate: 76.24%
-- Flow 1:
Average throughput: 40.60 Mbit/s
95th percentile per-packet one-way delay: 77.089 ms
Loss rate: 76.24%
```

Run 1: Report of Verus — Data Link

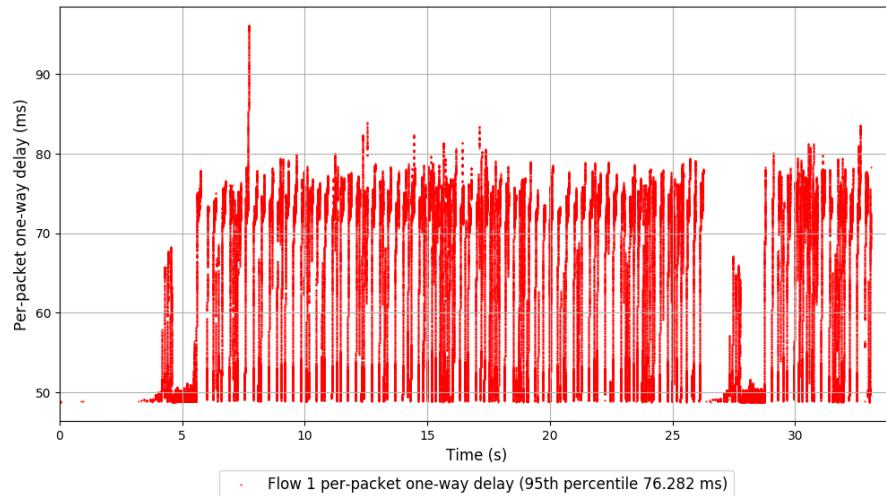
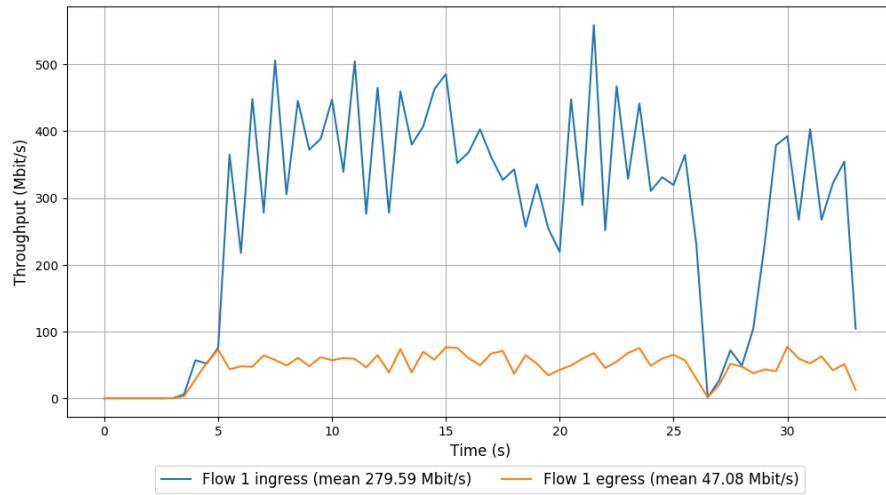


Run 2: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 20:44:59 +0000
End at: Fri, 23 Jun 2017 20:45:29 +0000
Local clock offset: 0.644 ms
Remote clock offset: -8.838 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:49:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.08 Mbit/s
95th percentile per-packet one-way delay: 76.282 ms
Loss rate: 83.22%
-- Flow 1:
Average throughput: 47.08 Mbit/s
95th percentile per-packet one-way delay: 76.282 ms
Loss rate: 83.22%
```

Run 2: Report of Verus — Data Link

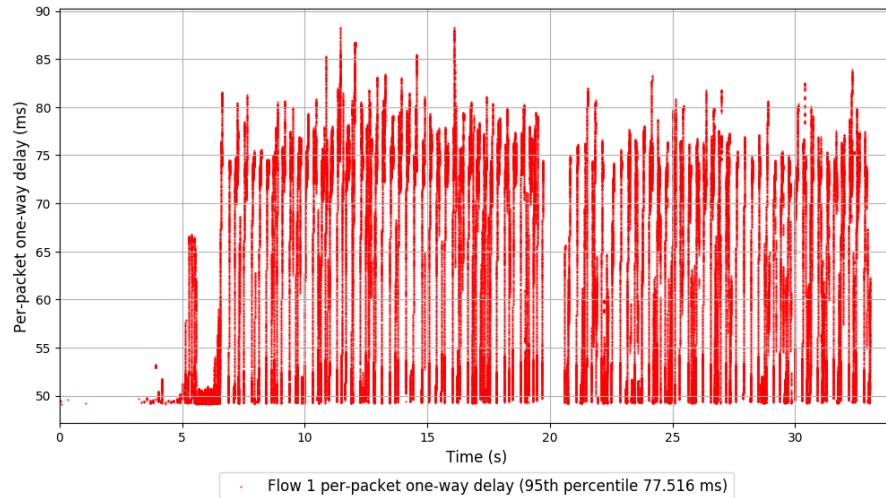
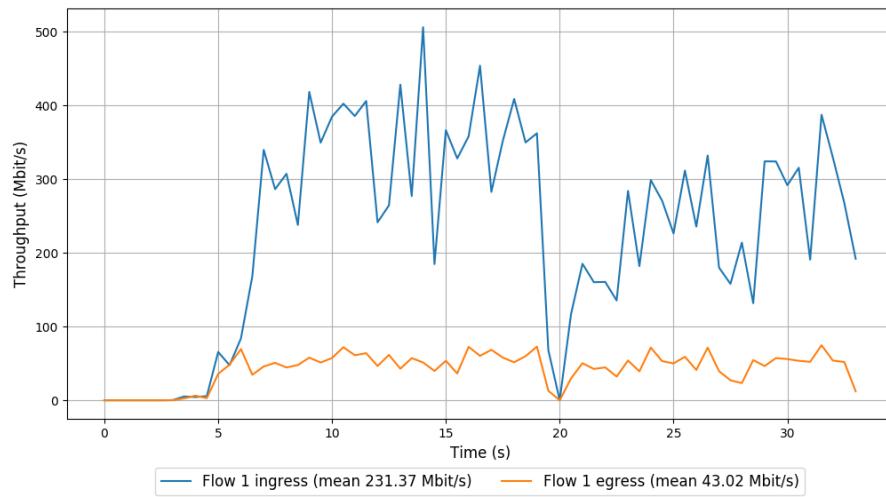


Run 3: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 21:02:21 +0000
End at: Fri, 23 Jun 2017 21:02:51 +0000
Local clock offset: -0.097 ms
Remote clock offset: -8.828 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:49:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.02 Mbit/s
95th percentile per-packet one-way delay: 77.516 ms
Loss rate: 81.48%
-- Flow 1:
Average throughput: 43.02 Mbit/s
95th percentile per-packet one-way delay: 77.516 ms
Loss rate: 81.48%
```

Run 3: Report of Verus — Data Link

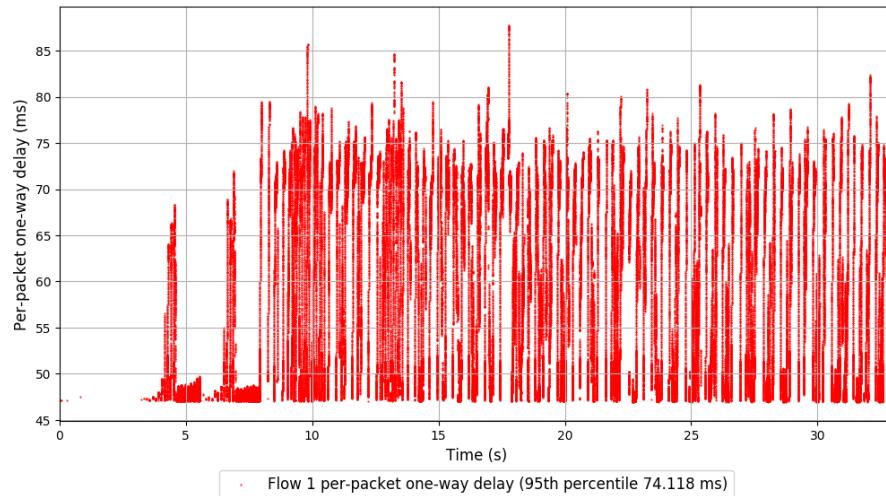
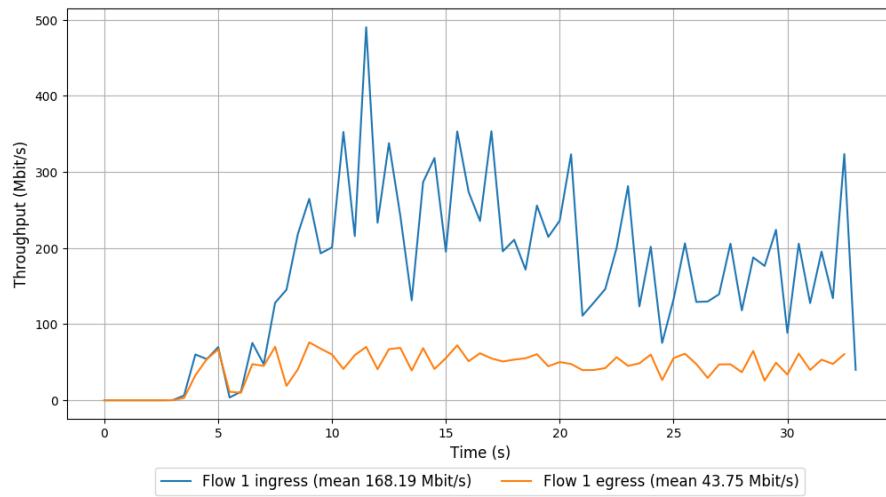


Run 4: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 21:19:49 +0000
End at: Fri, 23 Jun 2017 21:20:19 +0000
Local clock offset: -0.903 ms
Remote clock offset: -11.246 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:49:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.75 Mbit/s
95th percentile per-packet one-way delay: 74.118 ms
Loss rate: 74.14%
-- Flow 1:
Average throughput: 43.75 Mbit/s
95th percentile per-packet one-way delay: 74.118 ms
Loss rate: 74.14%
```

Run 4: Report of Verus — Data Link

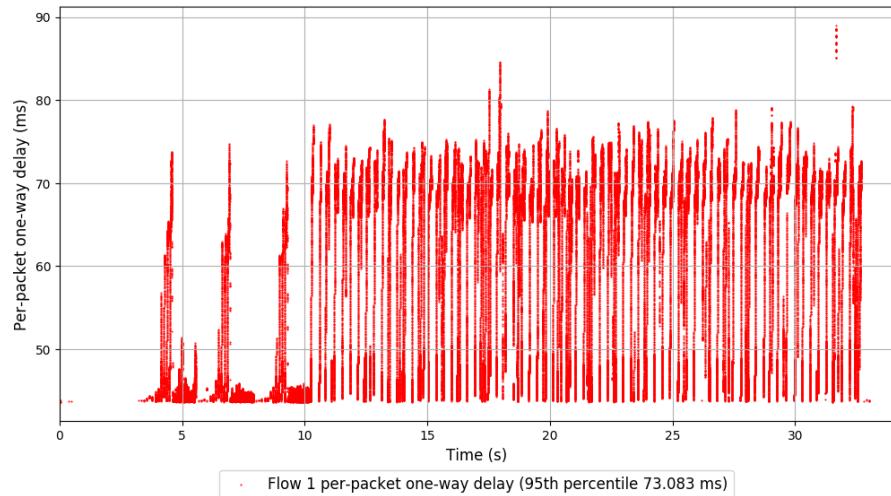
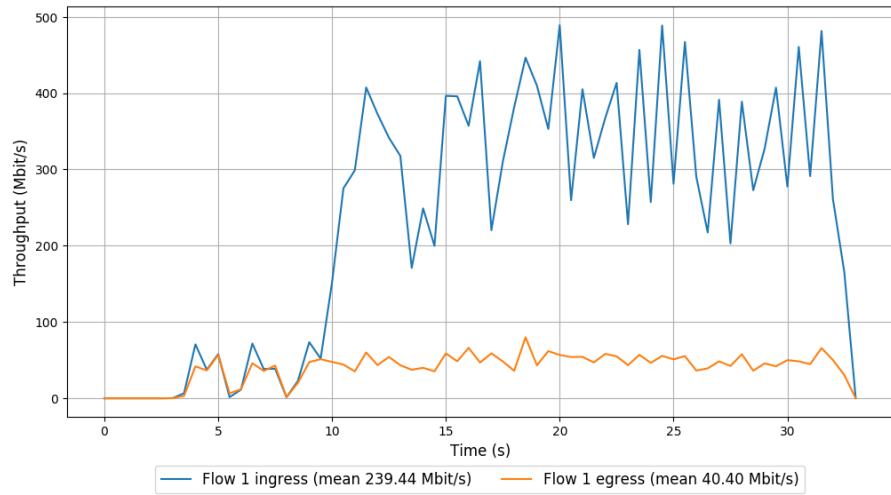


Run 5: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 21:37:15 +0000
End at: Fri, 23 Jun 2017 21:37:45 +0000
Local clock offset: -0.475 ms
Remote clock offset: -14.473 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:50:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.40 Mbit/s
95th percentile per-packet one-way delay: 73.083 ms
Loss rate: 83.19%
-- Flow 1:
Average throughput: 40.40 Mbit/s
95th percentile per-packet one-way delay: 73.083 ms
Loss rate: 83.19%
```

Run 5: Report of Verus — Data Link

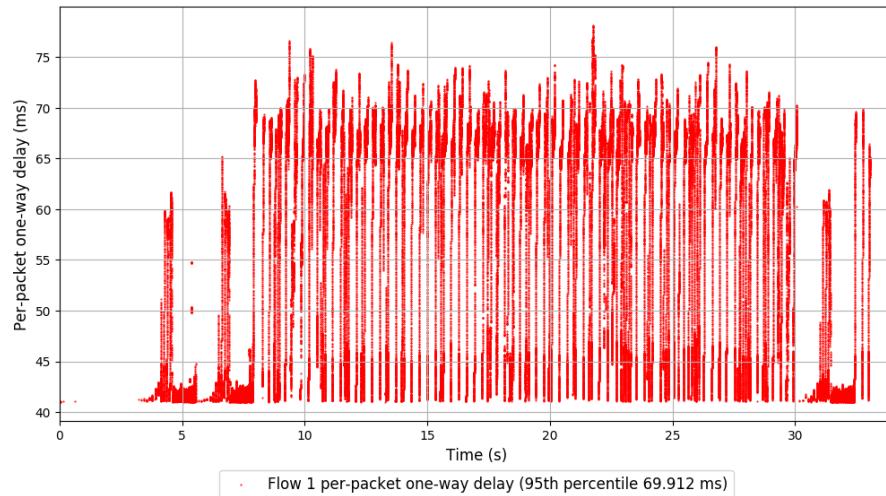
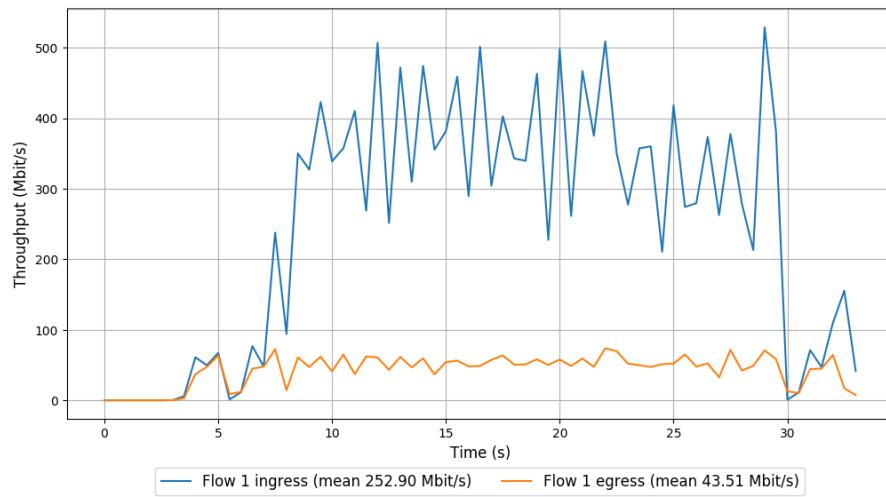


Run 6: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 21:54:47 +0000
End at: Fri, 23 Jun 2017 21:55:17 +0000
Local clock offset: -0.032 ms
Remote clock offset: -17.254 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:50:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.51 Mbit/s
95th percentile per-packet one-way delay: 69.912 ms
Loss rate: 82.80%
-- Flow 1:
Average throughput: 43.51 Mbit/s
95th percentile per-packet one-way delay: 69.912 ms
Loss rate: 82.80%
```

Run 6: Report of Verus — Data Link

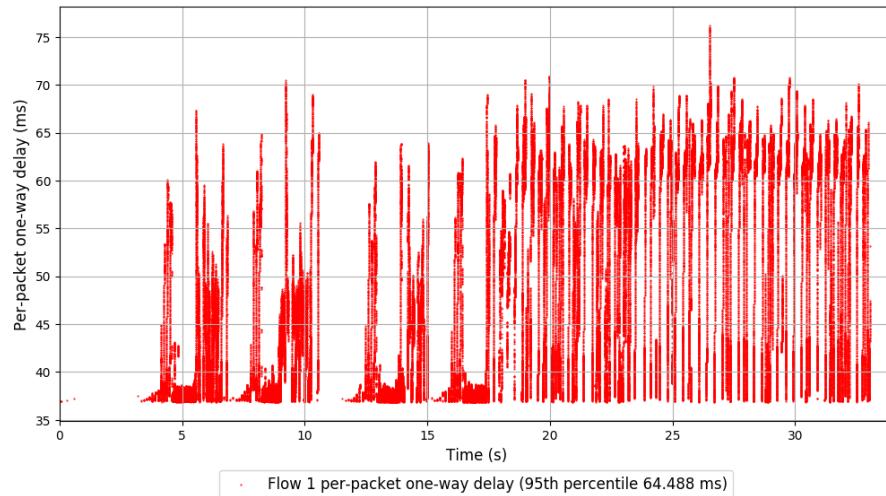
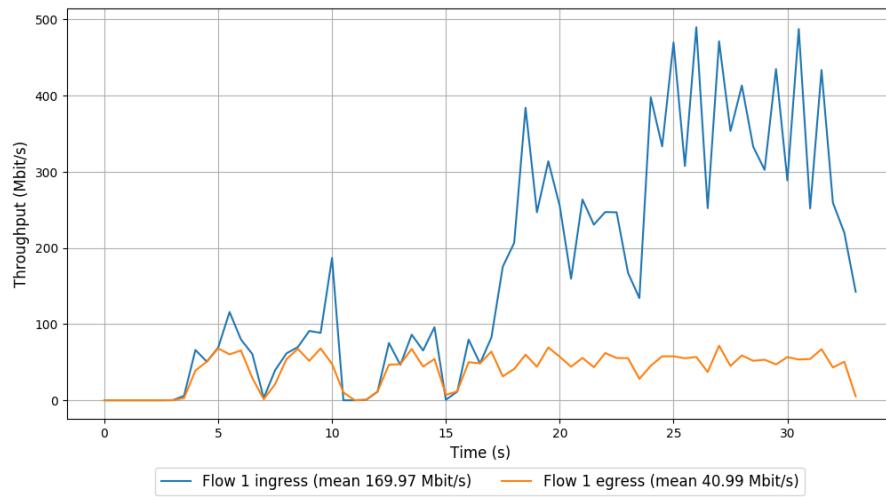


Run 7: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 22:12:15 +0000
End at: Fri, 23 Jun 2017 22:12:45 +0000
Local clock offset: 2.409 ms
Remote clock offset: -19.037 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:50:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.99 Mbit/s
95th percentile per-packet one-way delay: 64.488 ms
Loss rate: 75.97%
-- Flow 1:
Average throughput: 40.99 Mbit/s
95th percentile per-packet one-way delay: 64.488 ms
Loss rate: 75.97%
```

Run 7: Report of Verus — Data Link

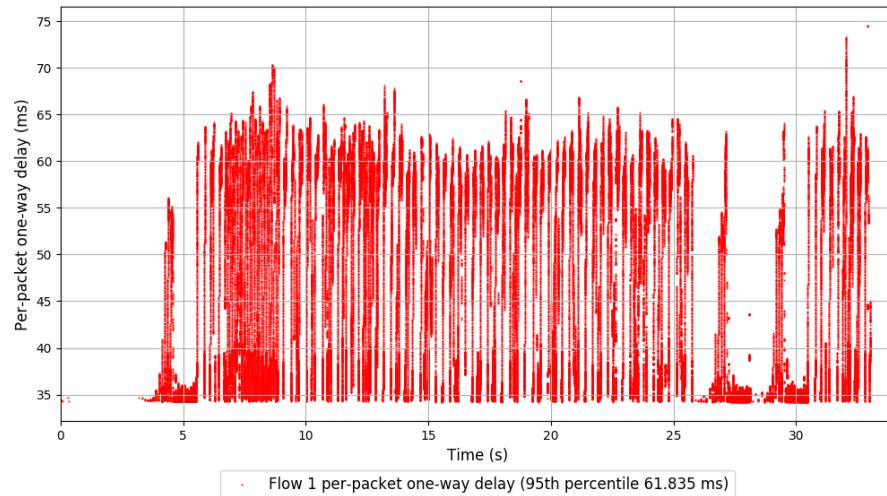
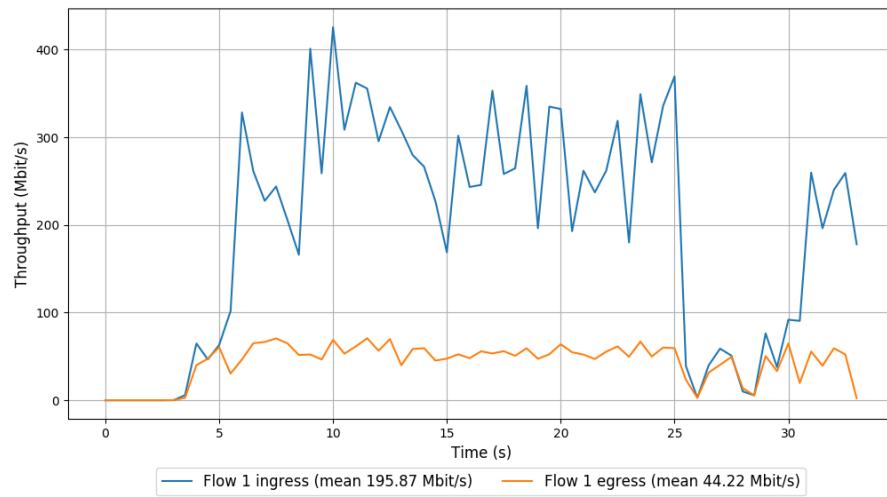


Run 8: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 22:29:40 +0000
End at: Fri, 23 Jun 2017 22:30:10 +0000
Local clock offset: 3.502 ms
Remote clock offset: -20.261 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:50:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.22 Mbit/s
95th percentile per-packet one-way delay: 61.835 ms
Loss rate: 77.56%
-- Flow 1:
Average throughput: 44.22 Mbit/s
95th percentile per-packet one-way delay: 61.835 ms
Loss rate: 77.56%
```

Run 8: Report of Verus — Data Link

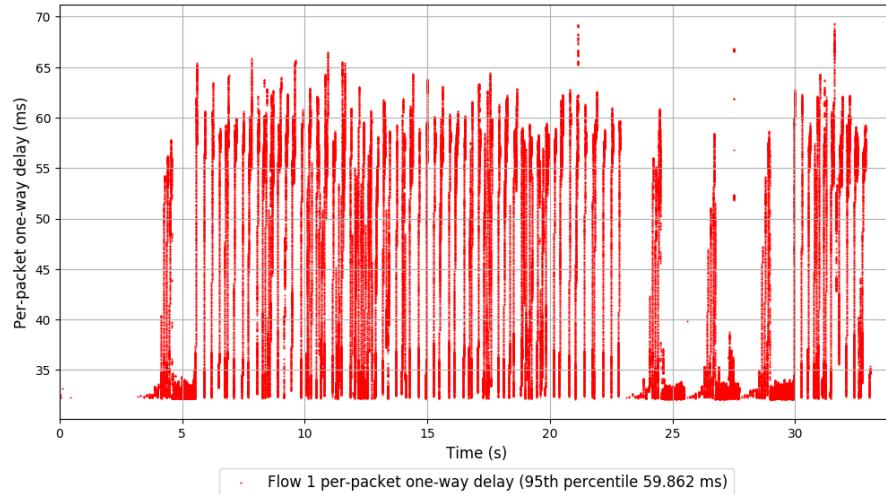
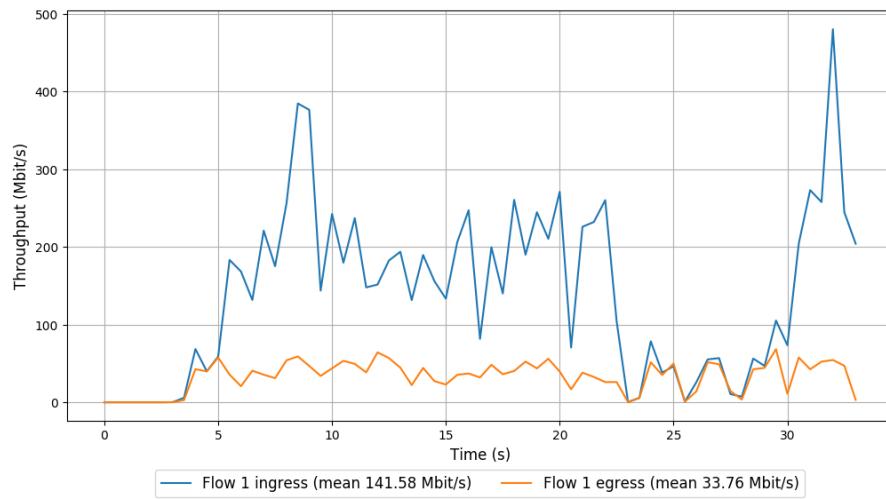


Run 9: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 22:47:06 +0000
End at: Fri, 23 Jun 2017 22:47:36 +0000
Local clock offset: 4.094 ms
Remote clock offset: -21.851 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:50:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.76 Mbit/s
95th percentile per-packet one-way delay: 59.862 ms
Loss rate: 76.24%
-- Flow 1:
Average throughput: 33.76 Mbit/s
95th percentile per-packet one-way delay: 59.862 ms
Loss rate: 76.24%
```

Run 9: Report of Verus — Data Link

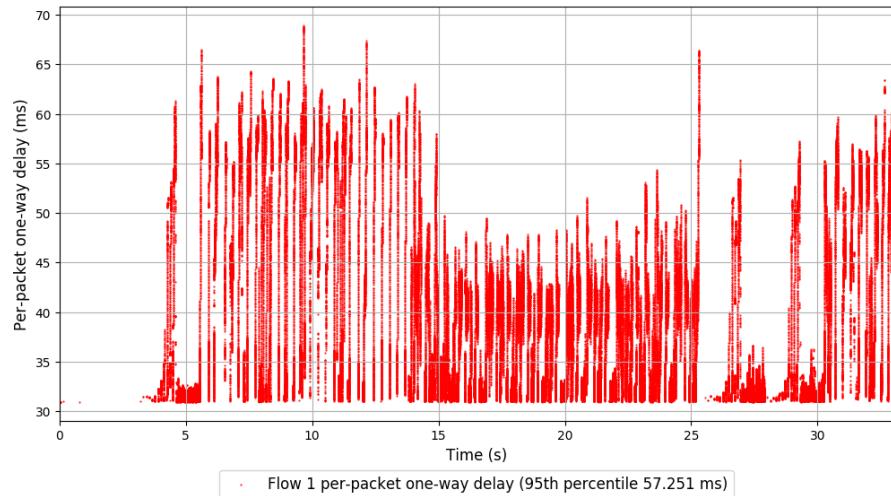
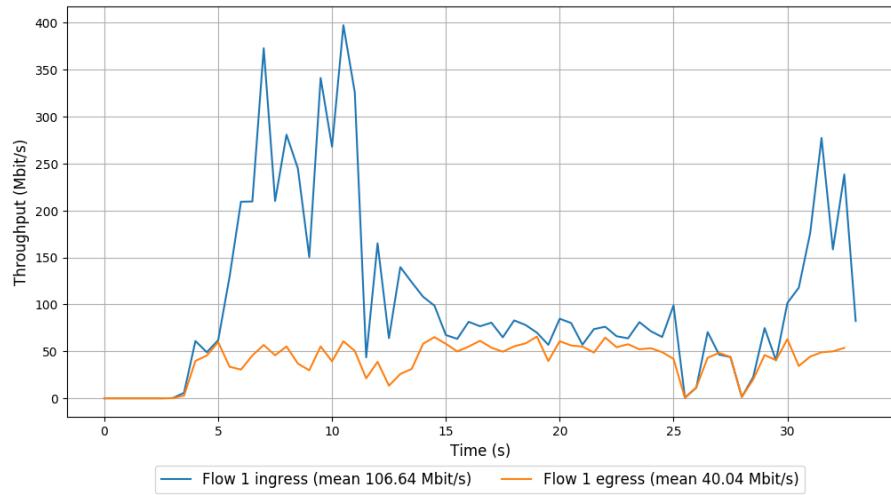


Run 10: Statistics of Verus

```
Start at: Fri, 23 Jun 2017 23:04:27 +0000
End at: Fri, 23 Jun 2017 23:04:57 +0000
Local clock offset: 4.239 ms
Remote clock offset: -22.861 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:50:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.04 Mbit/s
95th percentile per-packet one-way delay: 57.251 ms
Loss rate: 62.72%
-- Flow 1:
Average throughput: 40.04 Mbit/s
95th percentile per-packet one-way delay: 57.251 ms
Loss rate: 62.72%
```

Run 10: Report of Verus — Data Link

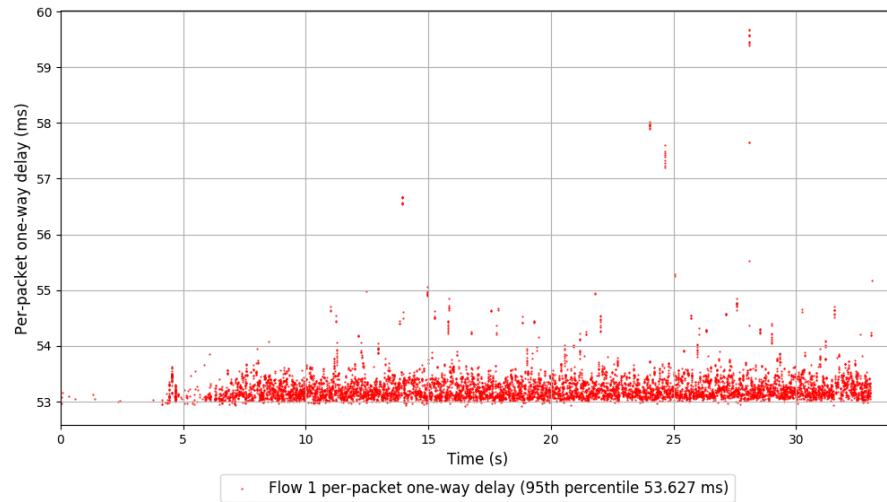
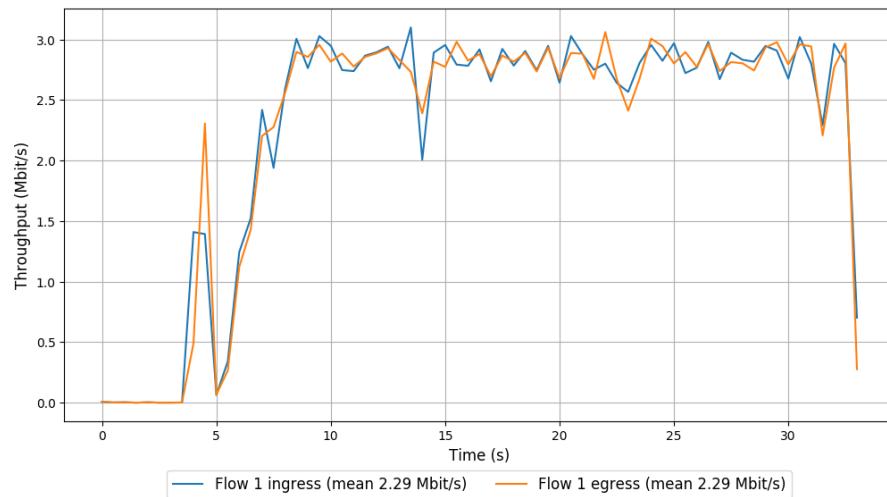


```
Run 1: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 20:17:09 +0000
End at: Fri, 23 Jun 2017 20:17:39 +0000
Local clock offset: -2.691 ms
Remote clock offset: -7.775 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:50:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 53.627 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 53.627 ms
Loss rate: 0.45%
```

Run 1: Report of WebRTC media — Data Link

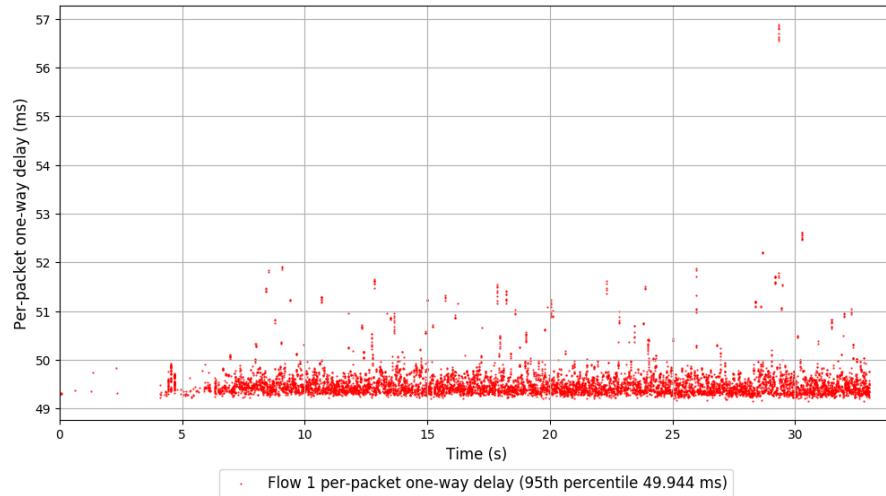
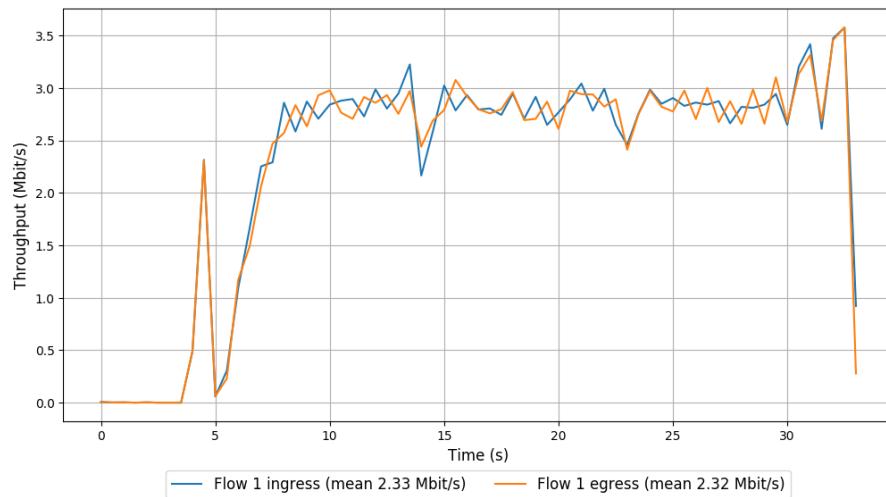


Run 2: Statistics of WebRTC media

```
Start at: Fri, 23 Jun 2017 20:34:32 +0000
End at: Fri, 23 Jun 2017 20:35:02 +0000
Local clock offset: -0.323 ms
Remote clock offset: -8.796 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:50:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 49.944 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 49.944 ms
Loss rate: 0.62%
```

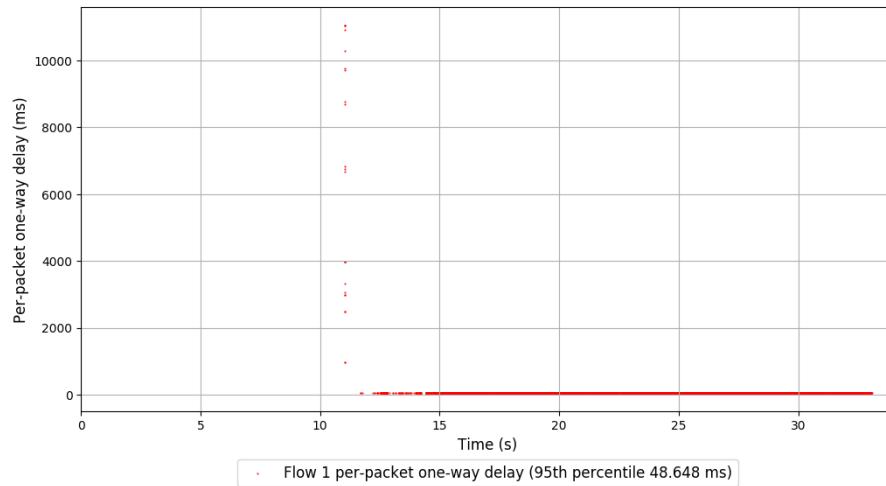
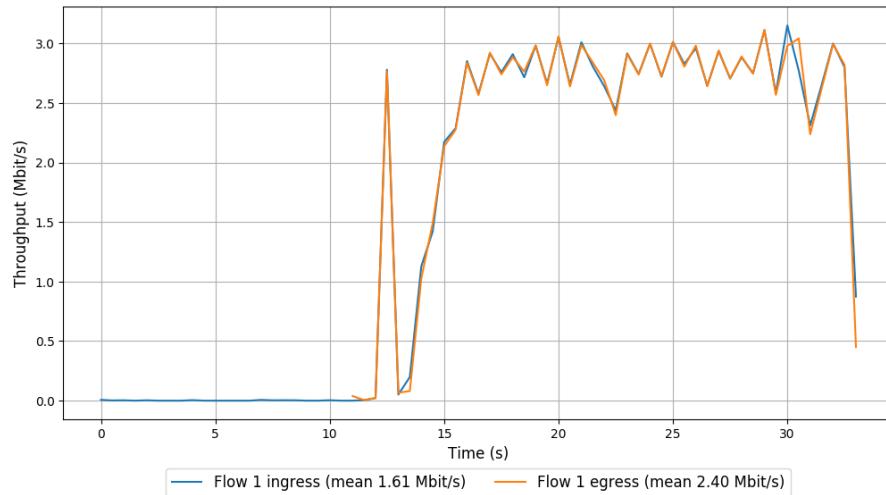
Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 20:51:59 +0000
End at: Fri, 23 Jun 2017 20:52:29 +0000
Local clock offset: 1.203 ms
Remote clock offset: -8.608 ms

Run 3: Report of WebRTC media — Data Link

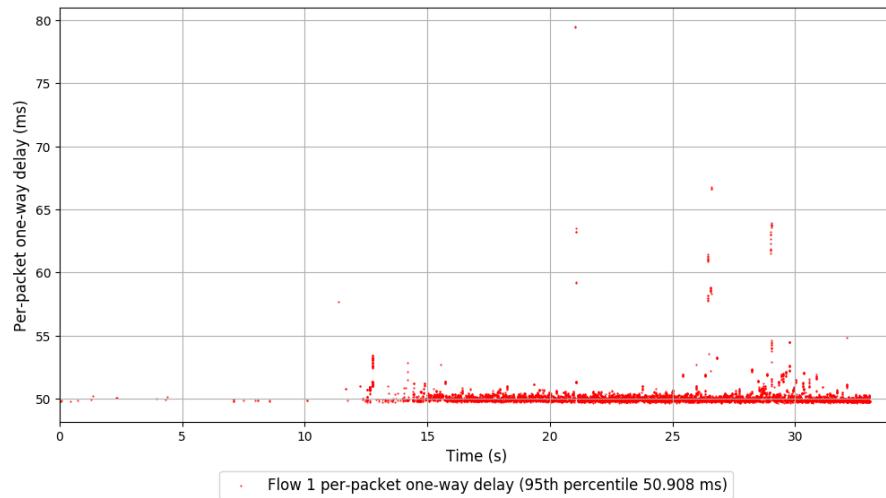
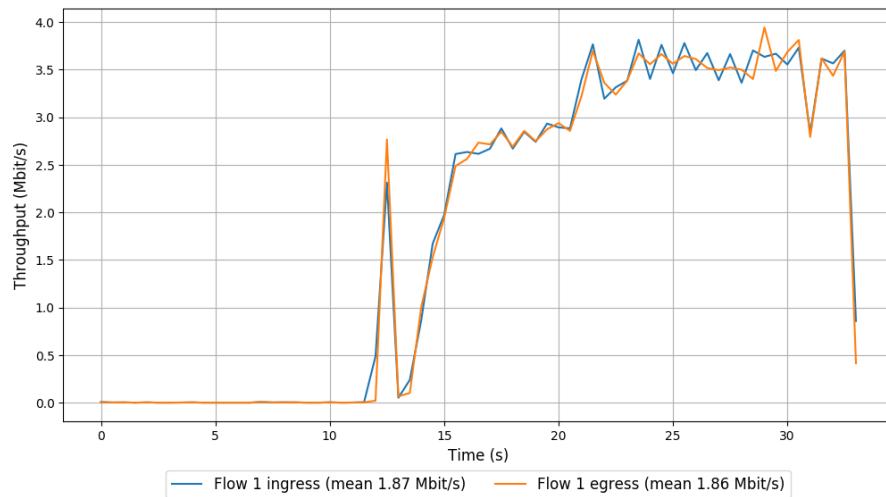


Run 4: Statistics of WebRTC media

```
Start at: Fri, 23 Jun 2017 21:09:16 +0000
End at: Fri, 23 Jun 2017 21:09:46 +0000
Local clock offset: -0.923 ms
Remote clock offset: -9.766 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:50:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.86 Mbit/s
95th percentile per-packet one-way delay: 50.908 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 1.86 Mbit/s
95th percentile per-packet one-way delay: 50.908 ms
Loss rate: 0.85%
```

Run 4: Report of WebRTC media — Data Link

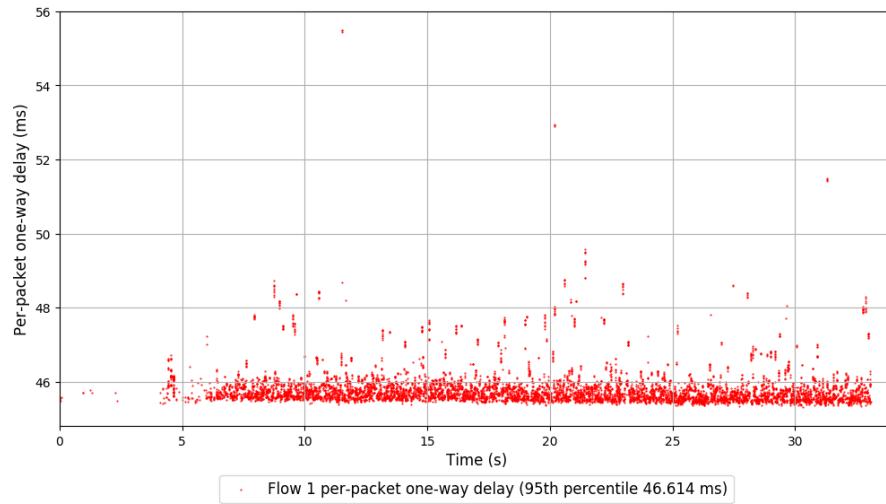
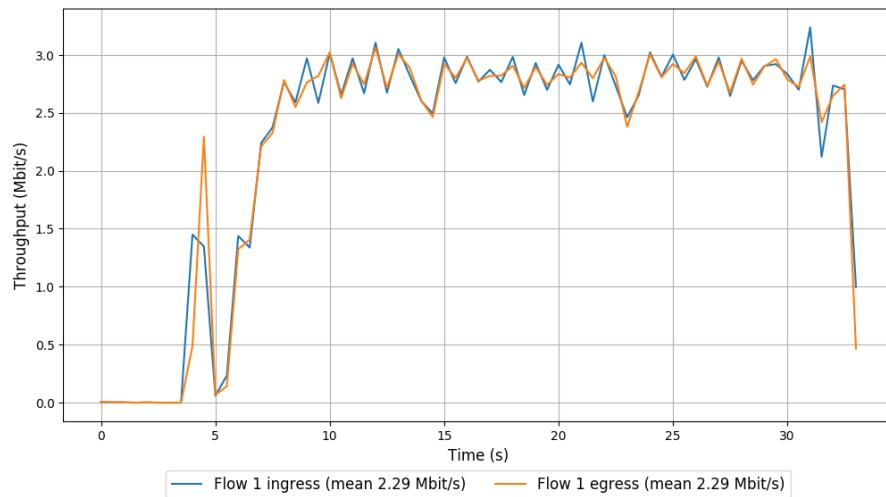


```
Run 5: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 21:26:49 +0000
End at: Fri, 23 Jun 2017 21:27:19 +0000
Local clock offset: -0.514 ms
Remote clock offset: -12.971 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:50:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 46.614 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 46.614 ms
Loss rate: 0.50%
```

Run 5: Report of WebRTC media — Data Link

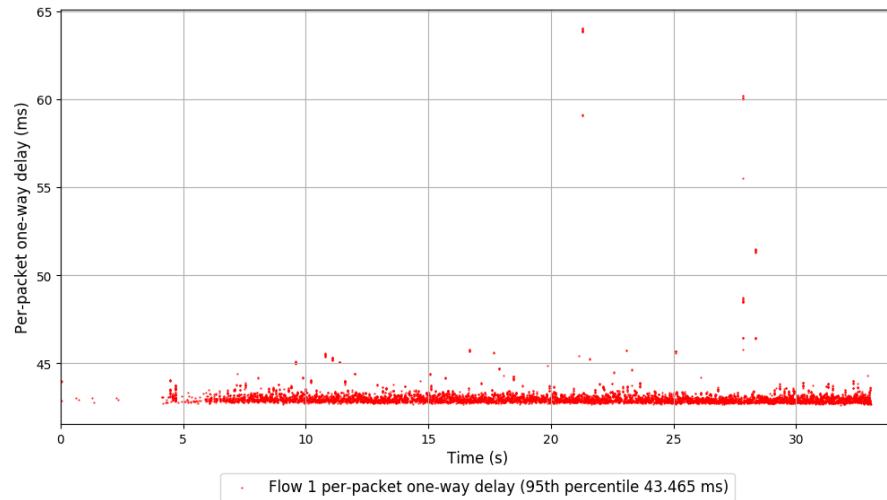
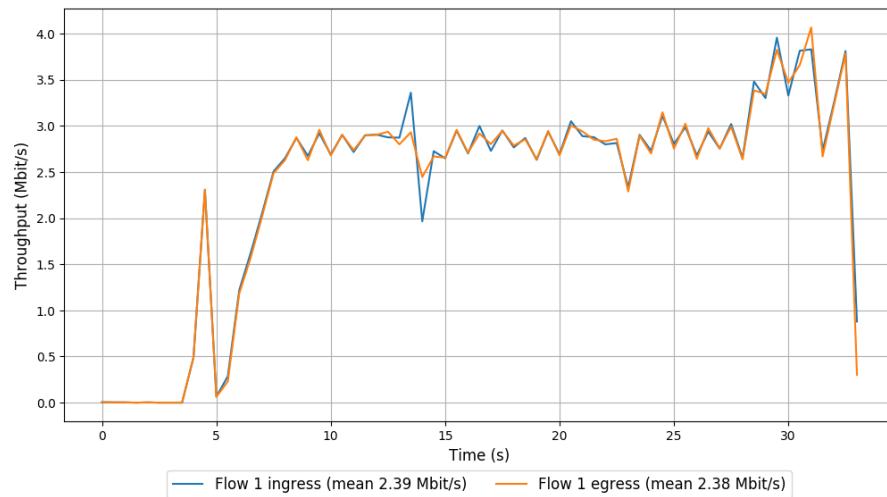


```
Run 6: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 21:44:09 +0000
End at: Fri, 23 Jun 2017 21:44:39 +0000
Local clock offset: -0.337 ms
Remote clock offset: -15.791 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:50:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 43.465 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 43.465 ms
Loss rate: 0.58%
```

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

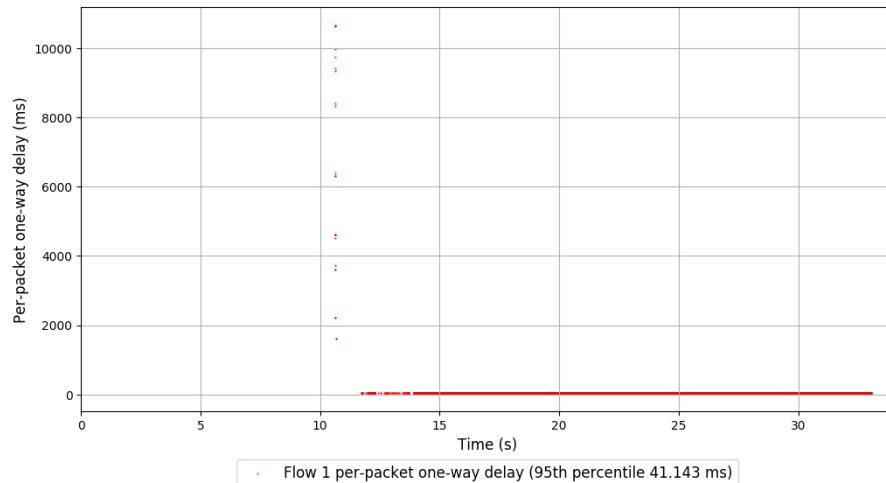
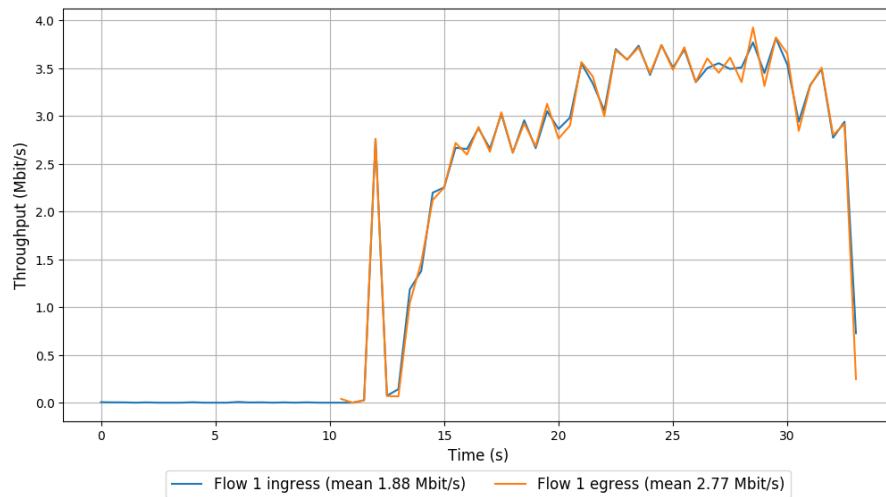
Start at: Fri, 23 Jun 2017 22:01:47 +0000

End at: Fri, 23 Jun 2017 22:02:17 +0000

Local clock offset: 0.363 ms

Remote clock offset: -17.392 ms

Run 7: Report of WebRTC media — Data Link

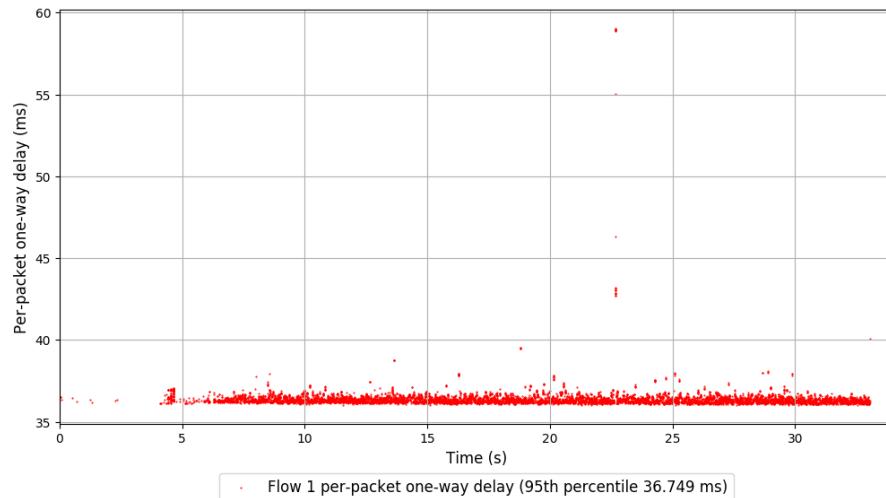
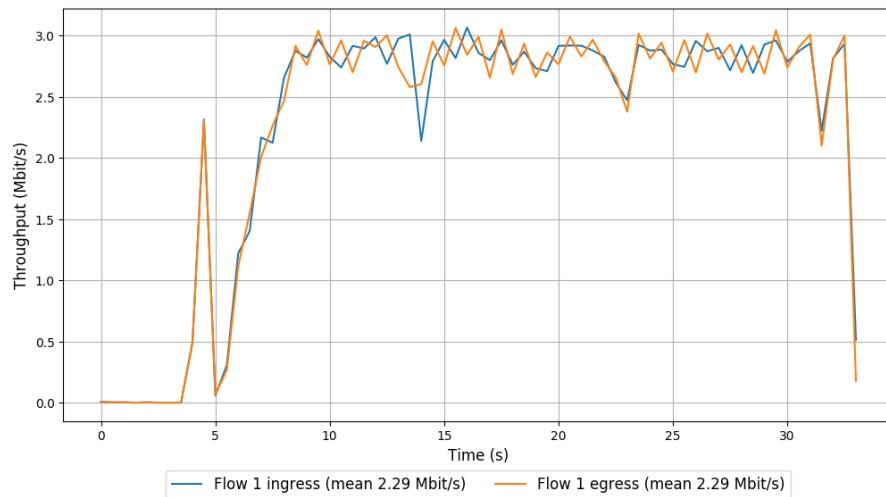


```
Run 8: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 22:19:15 +0000
End at: Fri, 23 Jun 2017 22:19:45 +0000
Local clock offset: 2.957 ms
Remote clock offset: -19.854 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:50:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 36.749 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 36.749 ms
Loss rate: 0.33%
```

Run 8: Report of WebRTC media — Data Link

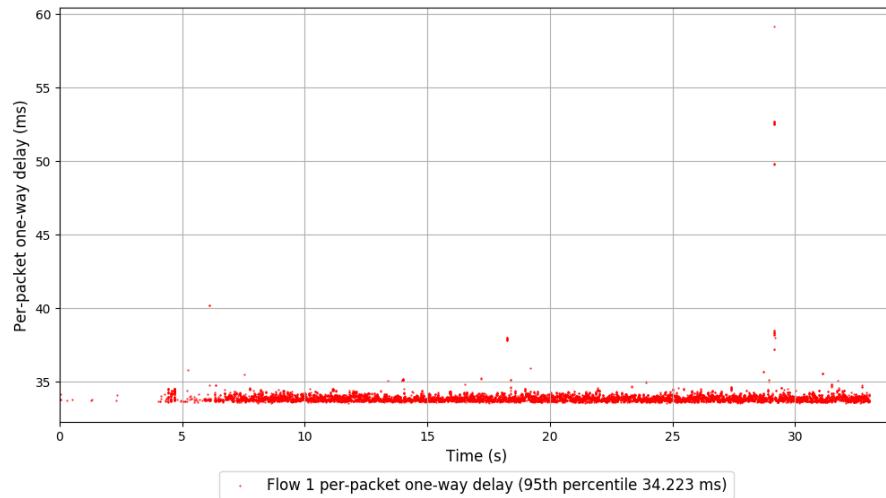
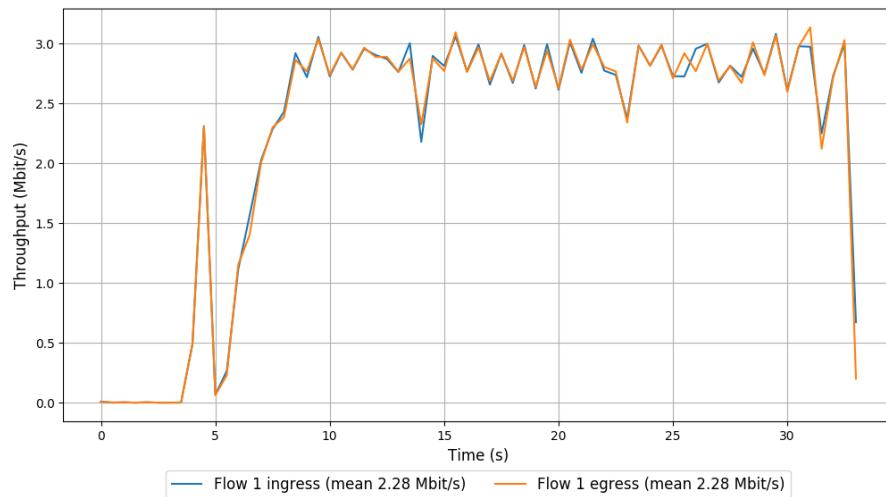


```
Run 9: Statistics of WebRTC media

Start at: Fri, 23 Jun 2017 22:36:38 +0000
End at: Fri, 23 Jun 2017 22:37:08 +0000
Local clock offset: 4.001 ms
Remote clock offset: -20.956 ms

# Below is generated by plot.py at Fri, 23 Jun 2017 23:50:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 34.223 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 34.223 ms
Loss rate: 0.44%
```

Run 9: Report of WebRTC media — Data Link



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

```
Start at: Fri, 23 Jun 2017 22:54:04 +0000
```

```
End at: Fri, 23 Jun 2017 22:54:34 +0000
```

```
Local clock offset: 4.142 ms
```

```
Remote clock offset: -22.349 ms
```

```
# Below is generated by plot.py at Fri, 23 Jun 2017 23:50:32 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 2.30 Mbit/s
```

```
95th percentile per-packet one-way delay: 32.155 ms
```

```
Loss rate: 0.45%
```

```
-- Flow 1:
```

```
Average throughput: 2.30 Mbit/s
```

```
95th percentile per-packet one-way delay: 32.155 ms
```

```
Loss rate: 0.45%
```

Run 10: Report of WebRTC media — Data Link

