

Pantheon Summary (Generated at Tue, 01 Aug 2017 04:32:45 +0000 with pantheon version 33c7b8d34ce04c76596315aa973f0b30d6129d55)

Repeated the test of 14 congestion control schemes 10 times.

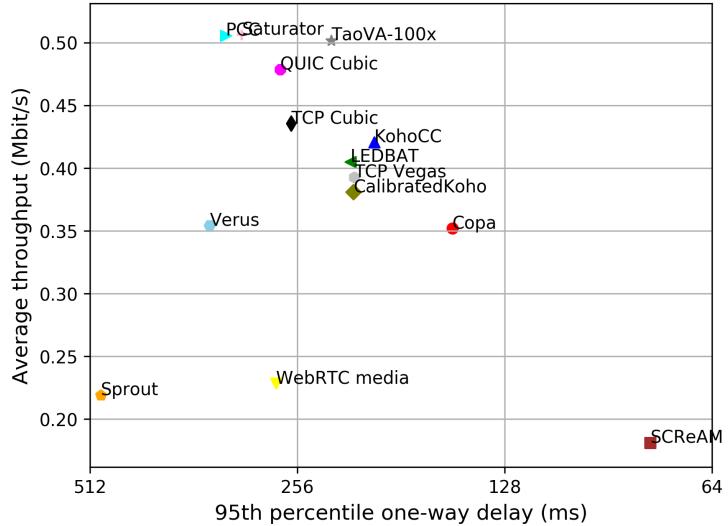
Each test lasted for 30 seconds running 1 flow.

Data path: Nepal Ethernet (*remote*) → AWS India 2 Ethernet (*local*).

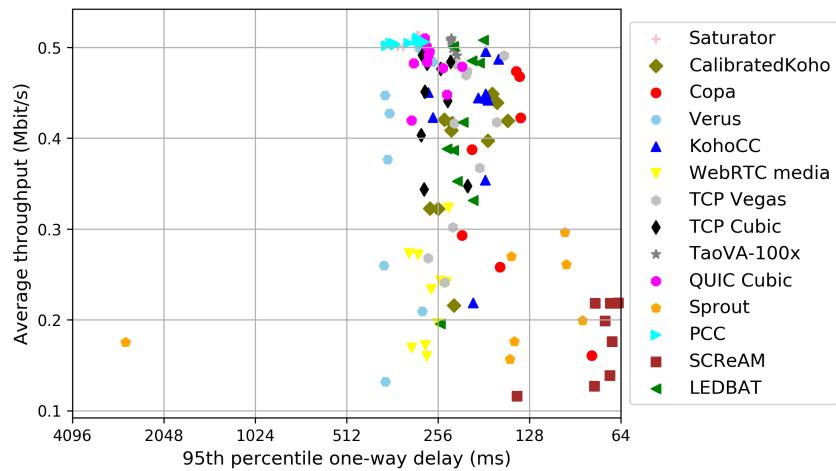
NTP offset measured against nets.org.sg and has been applied to correct the timestamps in logs.

```
git branch: master @ 33c7b8d34ce04c76596315aa973f0b30d6129d55
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 @ b3465b942e2826f2b179aab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

test from Nepal Ethernet to AWS India 2 Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from Nepal Ethernet to AWS India 2 Ethernet, 10 runs of 30s each per scheme



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
CalibratedKoho	10	0.38	212.17	2.98
Copa	10	0.35	152.52	0.60
TCP Cubic	10	0.43	261.36	6.54
KohoCC	10	0.42	197.99	2.45
LEDBAT	10	0.41	214.32	3.24
PCC	10	0.50	325.26	79.22
QUIC Cubic	10	0.48	271.06	17.15
Saturator	10	0.51	308.13	51.03
SCReAM	10	0.18	78.71	0.54
Sprout	10	0.22	493.96	1.22
TaoVA-100x	10	0.50	228.71	66.54
TCP Vegas	10	0.39	211.67	3.49
Verus	10	0.35	343.12	58.82
WebRTC media	10	0.23	274.75	14.65

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

```
Start at: Tue, 01 Aug 2017 01:15:06 +0000
```

```
End at: Tue, 01 Aug 2017 01:15:36 +0000
```

```
Local clock offset: 1.036 ms
```

```
Remote clock offset: -79.349 ms
```

```
# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:27 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.42 Mbit/s
```

```
95th percentile per-packet one-way delay: 244.399 ms
```

```
Loss rate: 4.15%
```

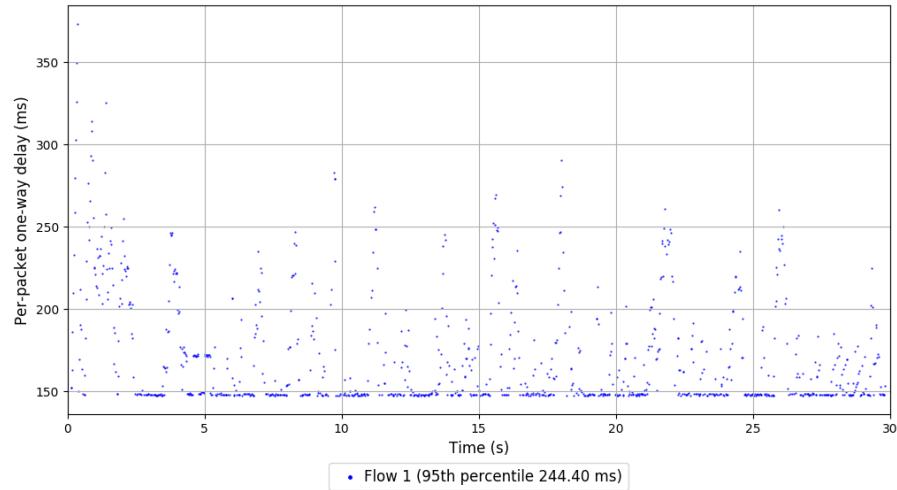
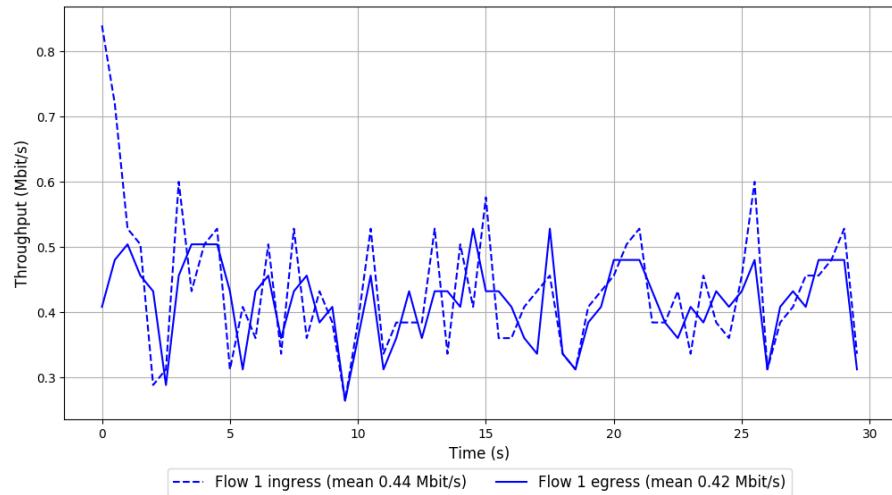
```
-- Flow 1:
```

```
Average throughput: 0.42 Mbit/s
```

```
95th percentile per-packet one-way delay: 244.399 ms
```

```
Loss rate: 4.15%
```

Run 1: Report of CalibratedKoho — Data Link

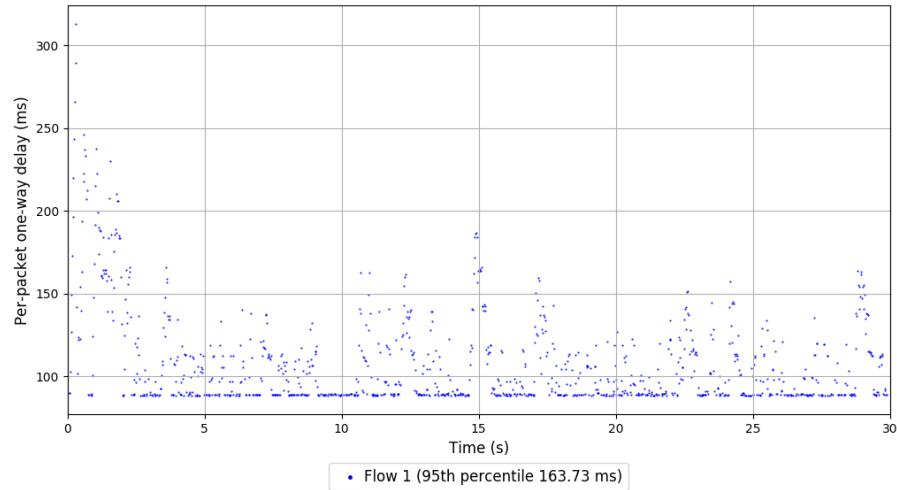
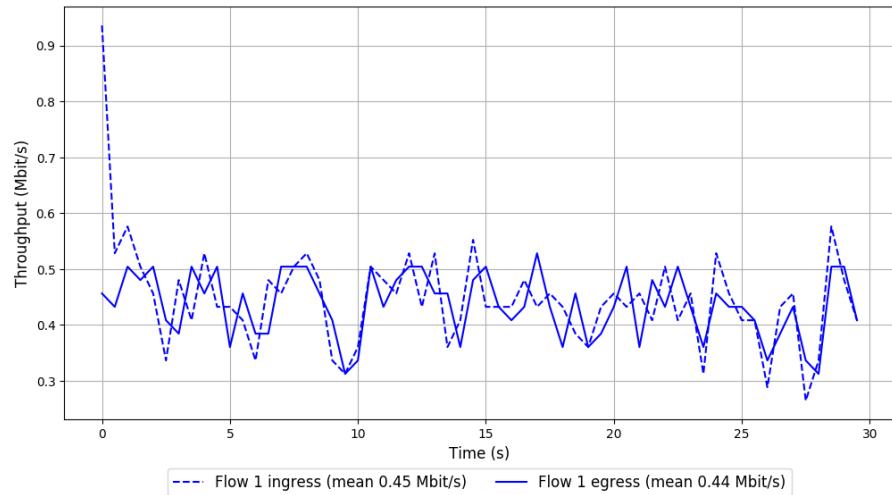


Run 2: Statistics of CalibratedKoho

```
Start at: Tue, 01 Aug 2017 01:35:05 +0000
End at: Tue, 01 Aug 2017 01:35:35 +0000
Local clock offset: -0.436 ms
Remote clock offset: -22.284 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 163.734 ms
Loss rate: 2.42%
-- Flow 1:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 163.734 ms
Loss rate: 2.42%
```

Run 2: Report of CalibratedKoho — Data Link

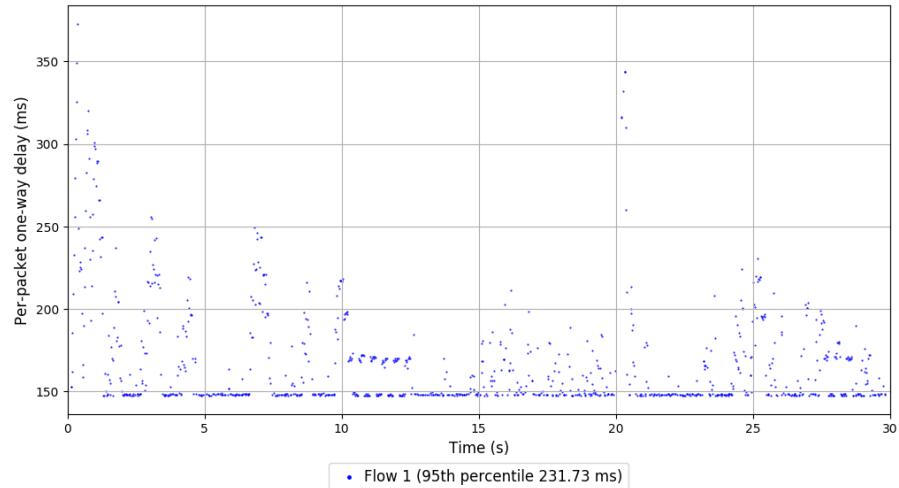
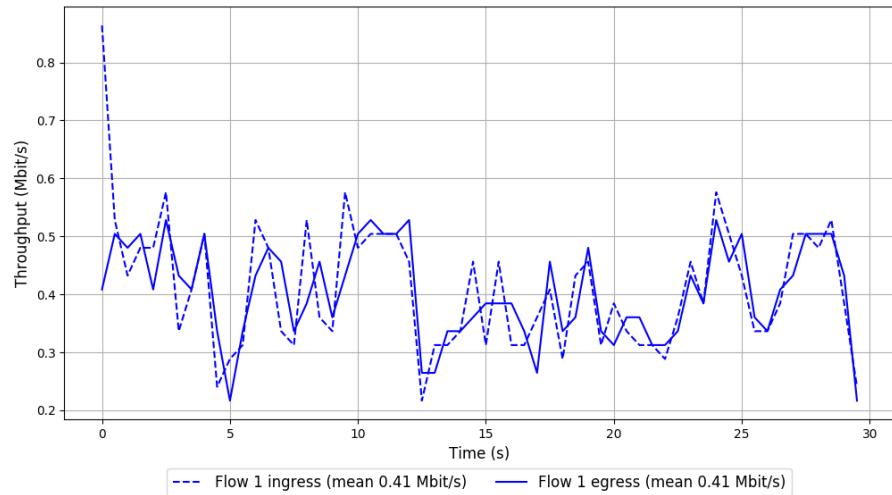


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: Tue, 01 Aug 2017 01:53:45 +0000
End at: Tue, 01 Aug 2017 01:54:15 +0000
Local clock offset: -0.06 ms
Remote clock offset: -81.308 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 231.731 ms
Loss rate: 1.75%
-- Flow 1:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 231.731 ms
Loss rate: 1.75%
```

Run 3: Report of CalibratedKoho — Data Link



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

```
Start at: Tue, 01 Aug 2017 02:14:02 +0000
```

```
End at: Tue, 01 Aug 2017 02:14:32 +0000
```

```
Local clock offset: 0.207 ms
```

```
Remote clock offset: 6.254 ms
```

```
# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:28 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.42 Mbit/s
```

```
95th percentile per-packet one-way delay: 150.840 ms
```

```
Loss rate: 2.11%
```

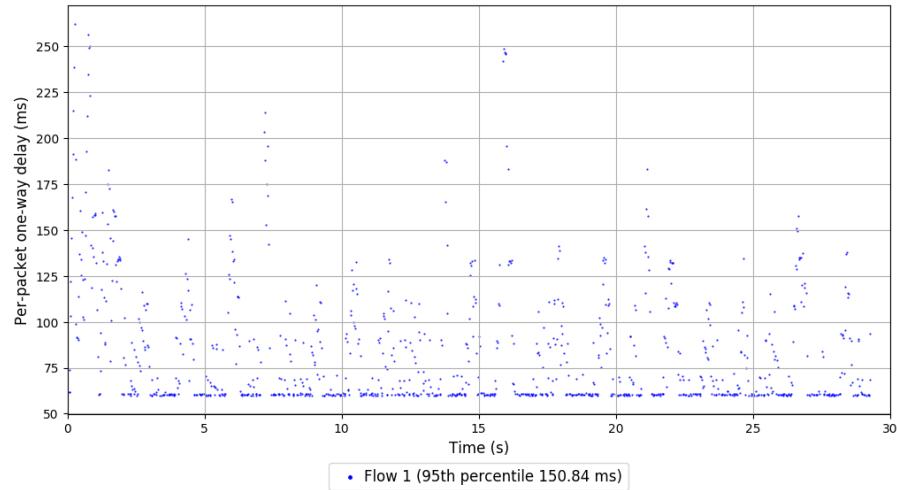
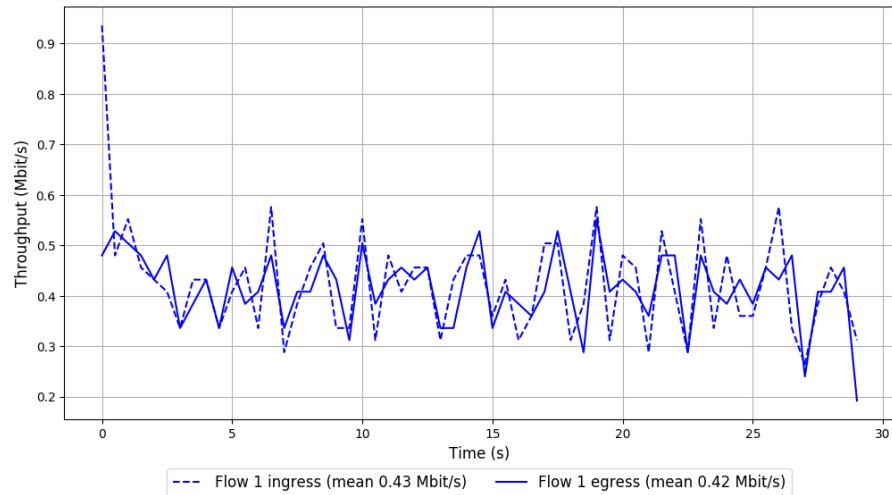
```
-- Flow 1:
```

```
Average throughput: 0.42 Mbit/s
```

```
95th percentile per-packet one-way delay: 150.840 ms
```

```
Loss rate: 2.11%
```

Run 4: Report of CalibratedKoho — Data Link

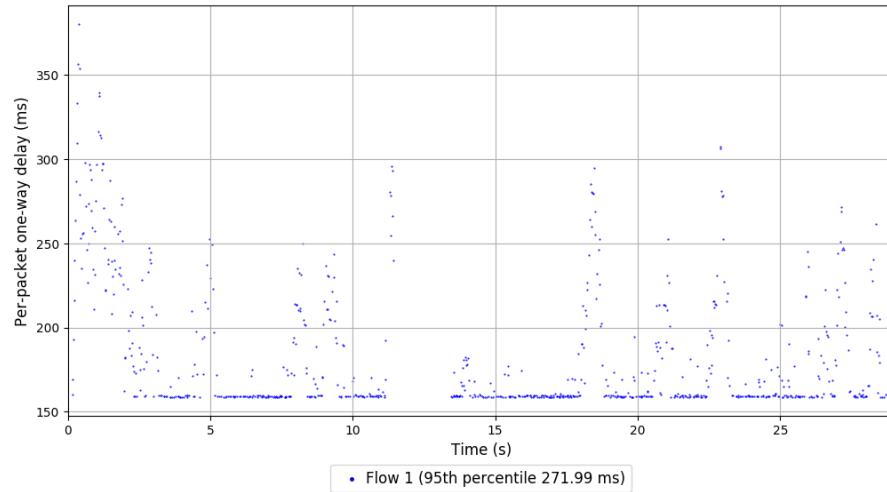
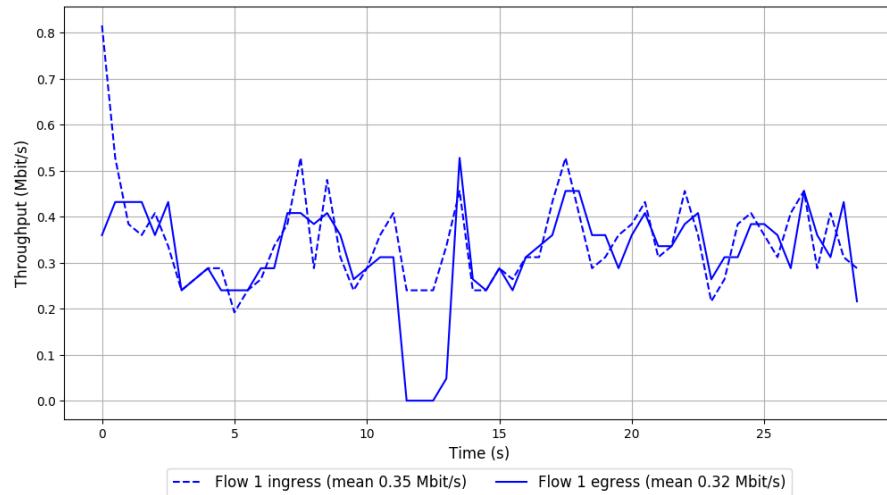


```
Run 5: Statistics of CalibratedKoho
```

```
Start at: Tue, 01 Aug 2017 02:36:05 +0000
End at: Tue, 01 Aug 2017 02:36:35 +0000
Local clock offset: 2.522 ms
Remote clock offset: -90.116 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 271.991 ms
Loss rate: 7.88%
-- Flow 1:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 271.991 ms
Loss rate: 7.88%
```

Run 5: Report of CalibratedKoho — Data Link



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

```
Start at: Tue, 01 Aug 2017 02:58:23 +0000
```

```
End at: Tue, 01 Aug 2017 02:58:53 +0000
```

```
Local clock offset: 2.521 ms
```

```
Remote clock offset: -83.71 ms
```

```
# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:29 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.32 Mbit/s
```

```
95th percentile per-packet one-way delay: 256.077 ms
```

```
Loss rate: 3.27%
```

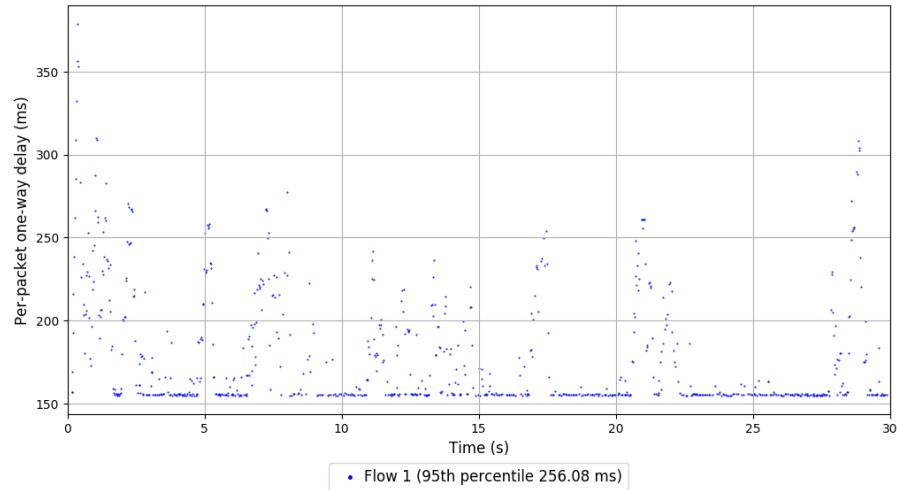
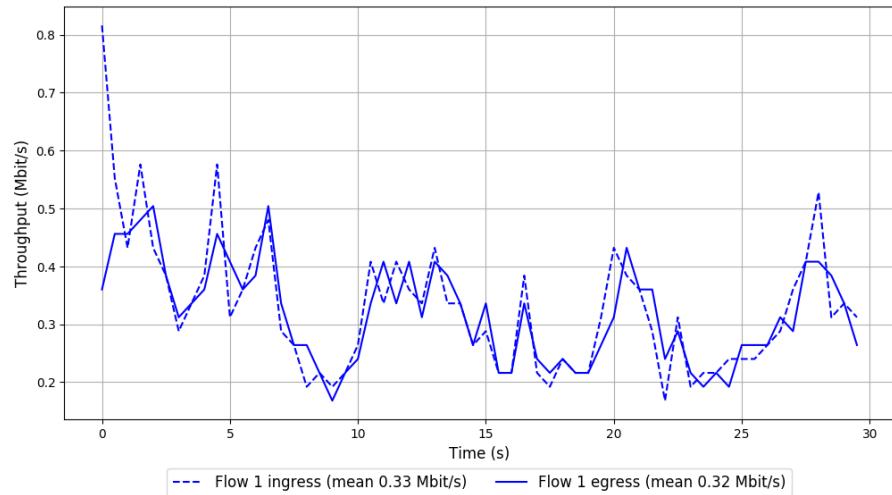
```
-- Flow 1:
```

```
Average throughput: 0.32 Mbit/s
```

```
95th percentile per-packet one-way delay: 256.077 ms
```

```
Loss rate: 3.27%
```

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: Tue, 01 Aug 2017 03:19:54 +0000

End at: Tue, 01 Aug 2017 03:20:24 +0000

Local clock offset: 3.53 ms

Remote clock offset: 9.459 ms

Below is generated by plot.py at Tue, 01 Aug 2017 04:31:30 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.40 Mbit/s

95th percentile per-packet one-way delay: 175.643 ms

Loss rate: 1.59%

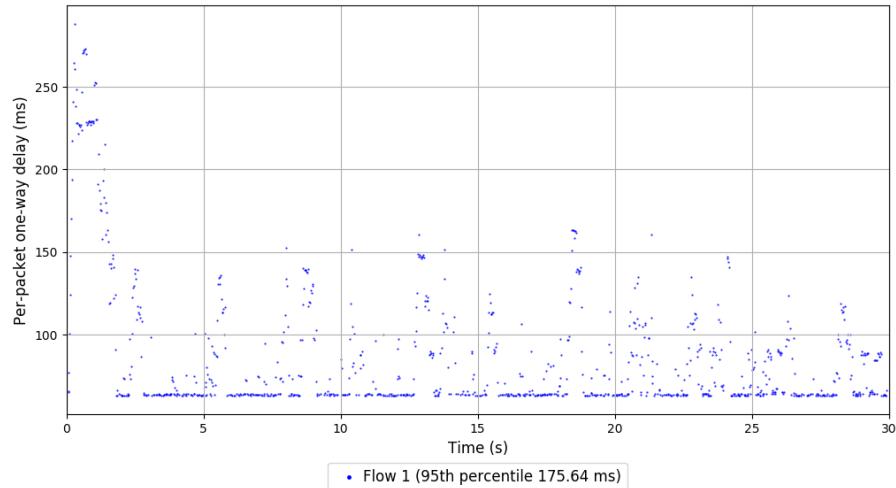
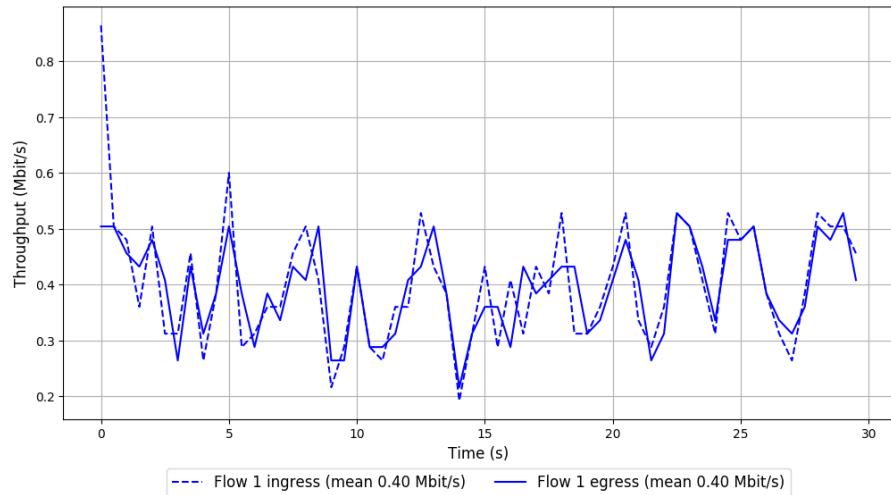
-- Flow 1:

Average throughput: 0.40 Mbit/s

95th percentile per-packet one-way delay: 175.643 ms

Loss rate: 1.59%

Run 7: Report of CalibratedKoho — Data Link

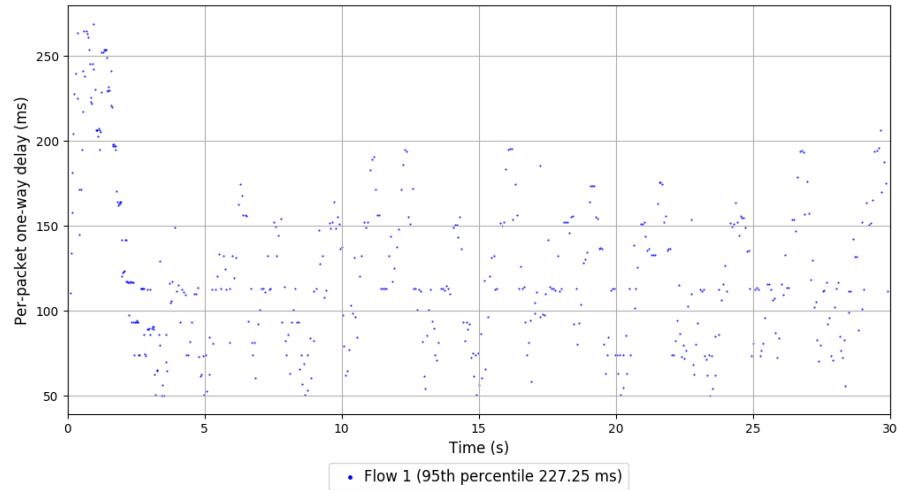
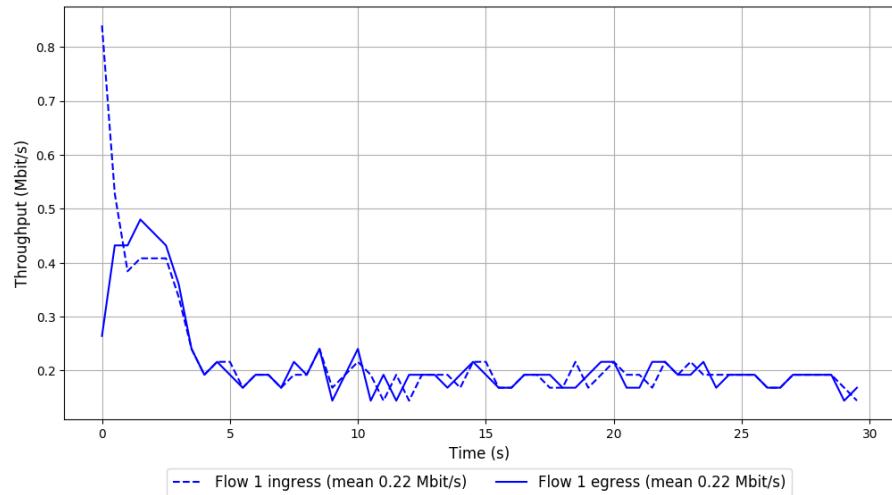


```
Run 8: Statistics of CalibratedKoho
```

```
Start at: Tue, 01 Aug 2017 03:39:10 +0000
End at: Tue, 01 Aug 2017 03:39:40 +0000
Local clock offset: 2.66 ms
Remote clock offset: 22.486 ms
```

```
# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:30 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 227.255 ms
Loss rate: 3.60%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 227.255 ms
Loss rate: 3.60%
```

Run 8: Report of CalibratedKoho — Data Link



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

```
Start at: Tue, 01 Aug 2017 03:59:36 +0000
```

```
End at: Tue, 01 Aug 2017 04:00:06 +0000
```

```
Local clock offset: 1.624 ms
```

```
Remote clock offset: -66.57 ms
```

```
# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:31 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.42 Mbit/s
```

```
95th percentile per-packet one-way delay: 230.369 ms
```

```
Loss rate: 1.74%
```

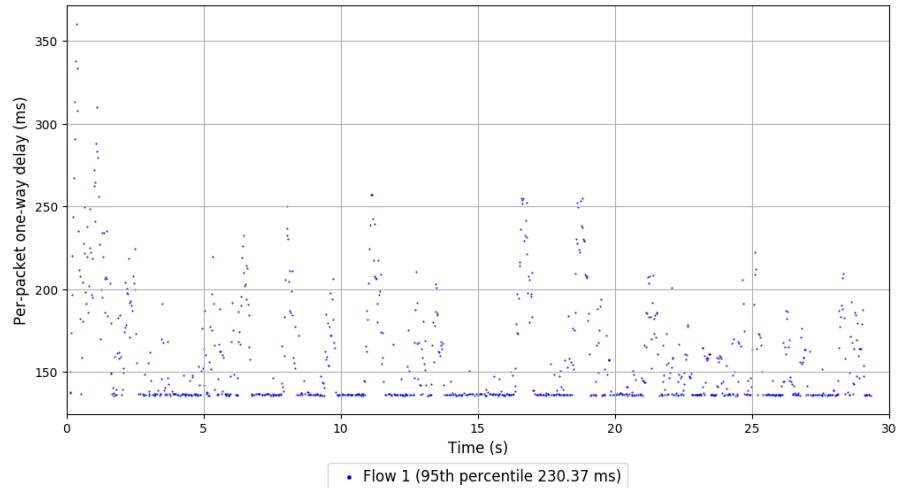
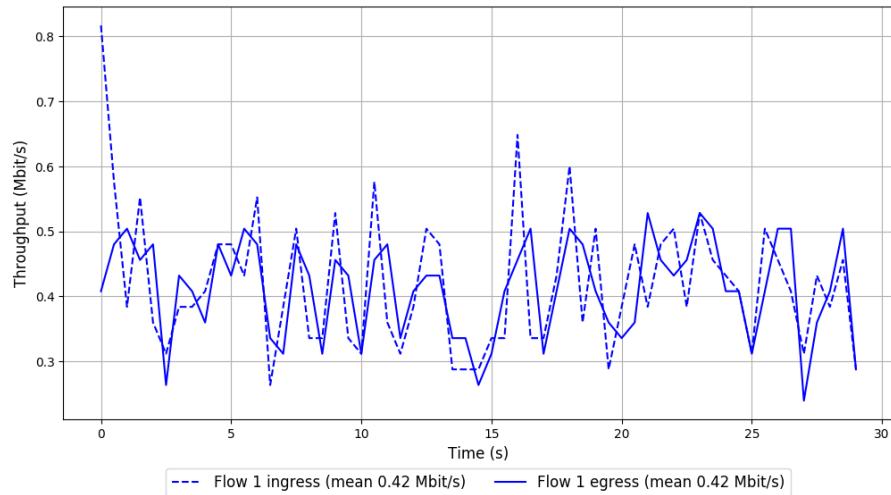
```
-- Flow 1:
```

```
Average throughput: 0.42 Mbit/s
```

```
95th percentile per-packet one-way delay: 230.369 ms
```

```
Loss rate: 1.74%
```

Run 9: Report of CalibratedKoho — Data Link

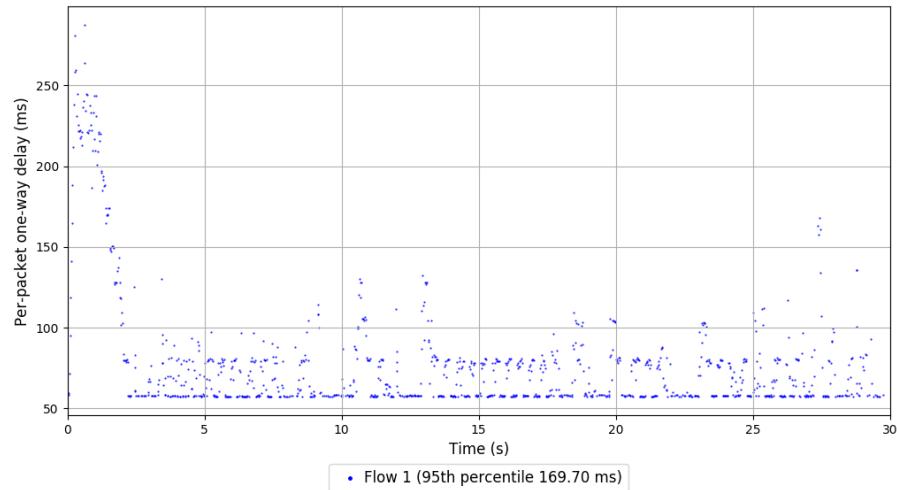
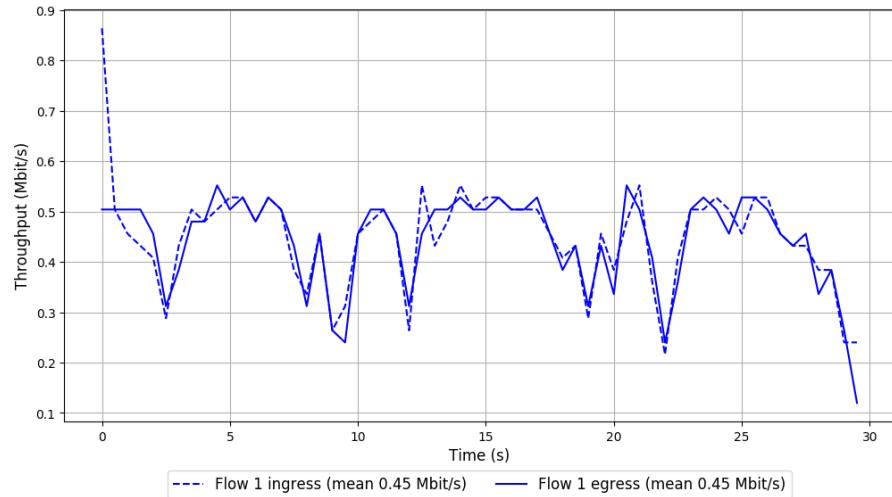


```
Run 10: Statistics of CalibratedKoho

Start at: Tue, 01 Aug 2017 04:19:24 +0000
End at: Tue, 01 Aug 2017 04:19:54 +0000
Local clock offset: -1.972 ms
Remote clock offset: 6.904 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 169.697 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 169.697 ms
Loss rate: 1.33%
```

Run 10: Report of CalibratedKoho — Data Link

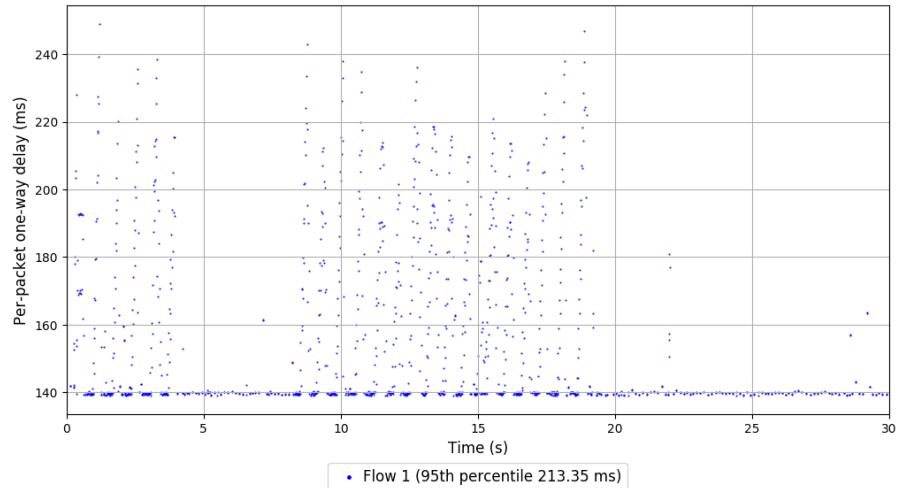
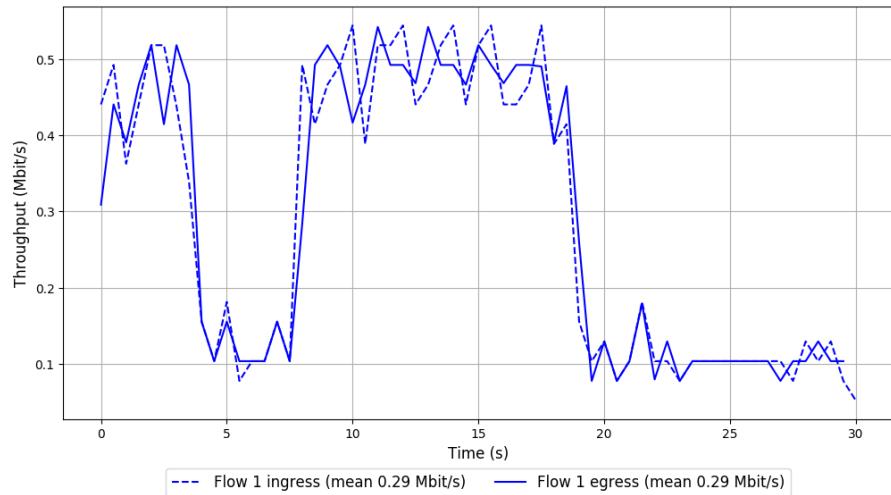


Run 1: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 01:22:03 +0000
End at: Tue, 01 Aug 2017 01:22:33 +0000
Local clock offset: 0.392 ms
Remote clock offset: -71.731 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 213.355 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 213.355 ms
Loss rate: 0.46%
```

Run 1: Report of Copa — Data Link

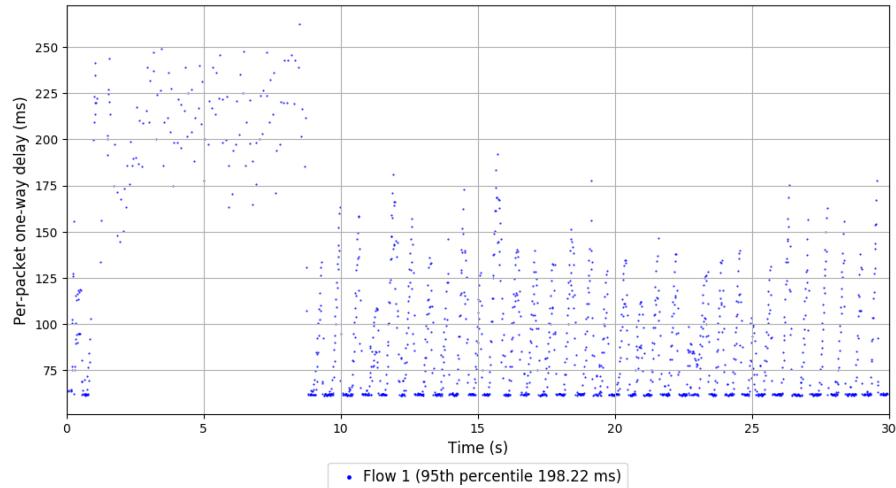
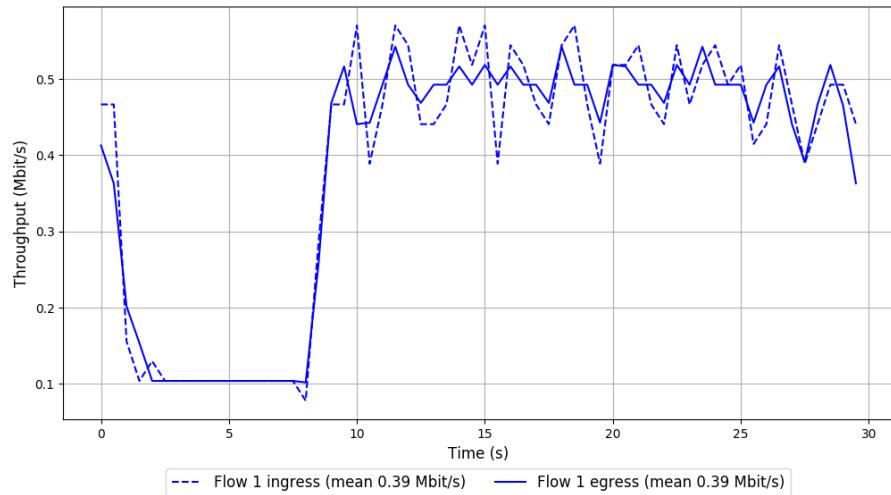


Run 2: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 01:41:30 +0000
End at: Tue, 01 Aug 2017 01:42:00 +0000
Local clock offset: 0.789 ms
Remote clock offset: 5.549 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 198.222 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 198.222 ms
Loss rate: 0.73%
```

Run 2: Report of Copa — Data Link

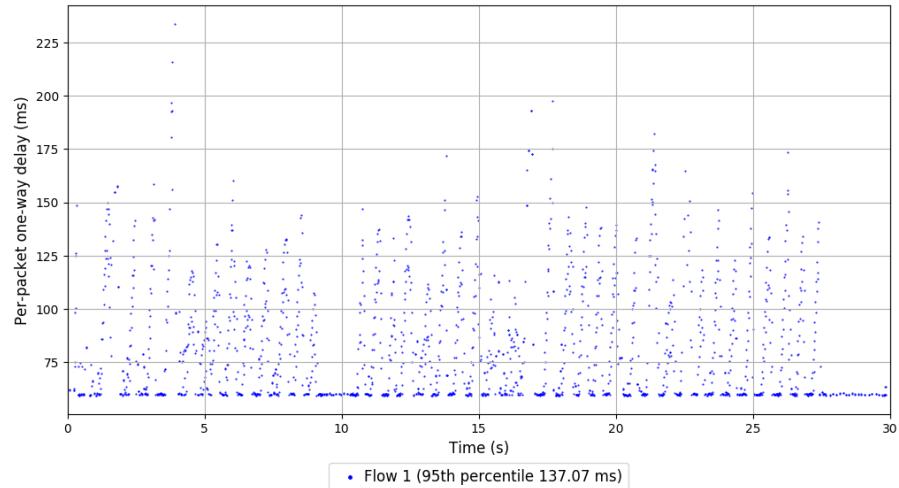
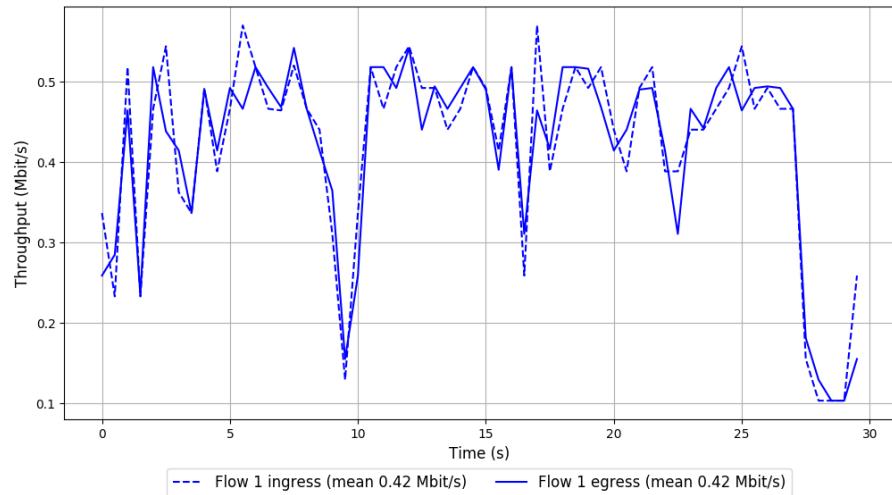


Run 3: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 02:00:03 +0000
End at: Tue, 01 Aug 2017 02:00:33 +0000
Local clock offset: -0.647 ms
Remote clock offset: 6.119 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:34 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 137.071 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 137.071 ms
Loss rate: 0.62%
```

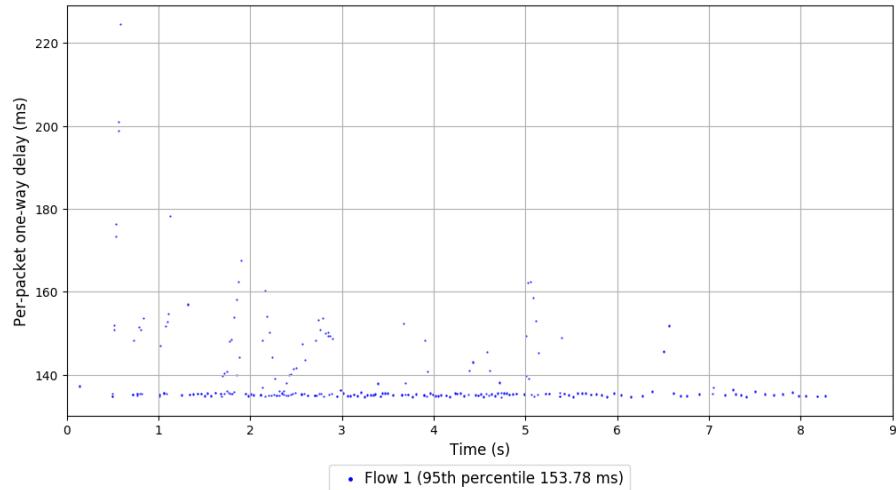
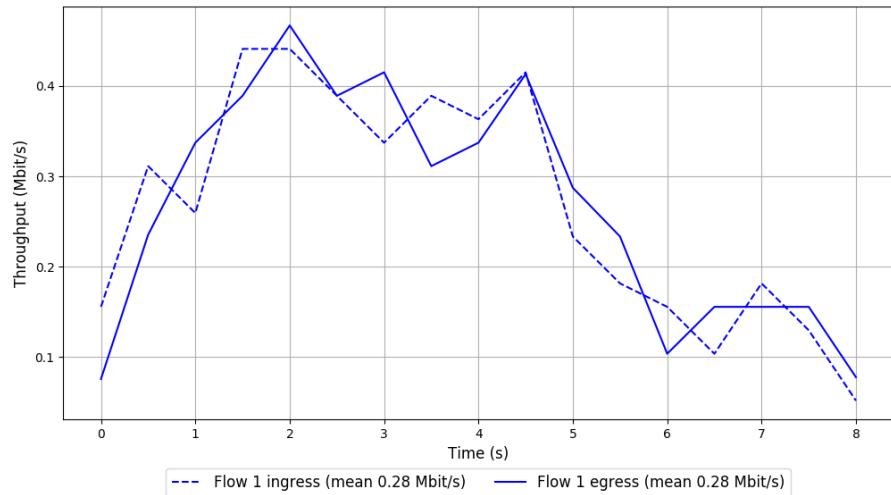
Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: Tue, 01 Aug 2017 02:21:10 +0000
End at: Tue, 01 Aug 2017 02:21:40 +0000
Local clock offset: 1.945 ms
Remote clock offset: -66.582 ms

Run 4: Report of Copa — Data Link

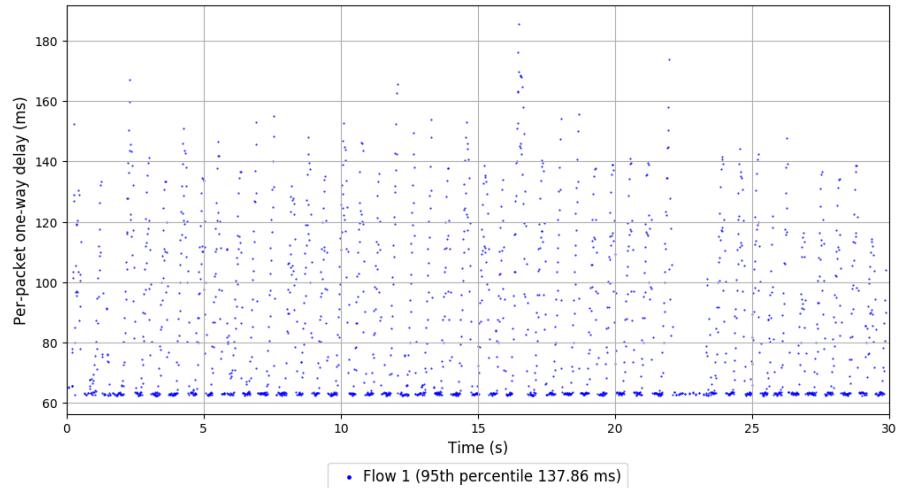
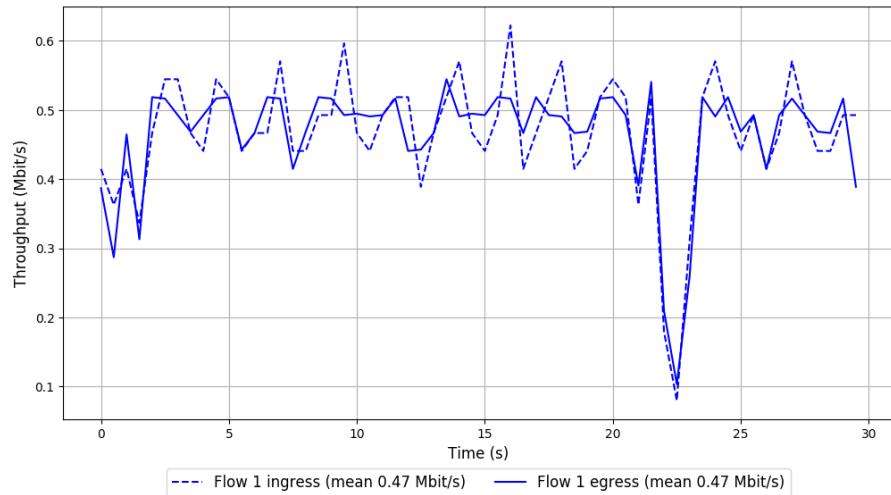


Run 5: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 02:44:10 +0000
End at: Tue, 01 Aug 2017 02:44:40 +0000
Local clock offset: 2.87 ms
Remote clock offset: 6.809 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 137.861 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 137.861 ms
Loss rate: 0.49%
```

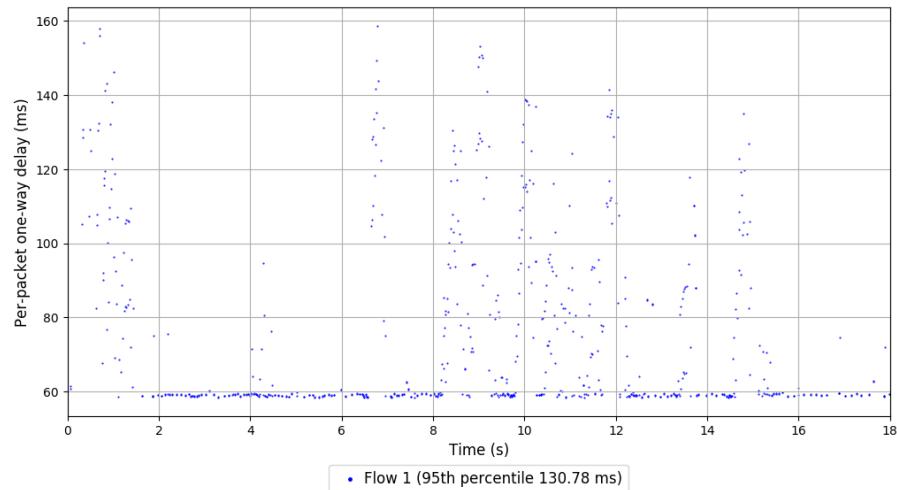
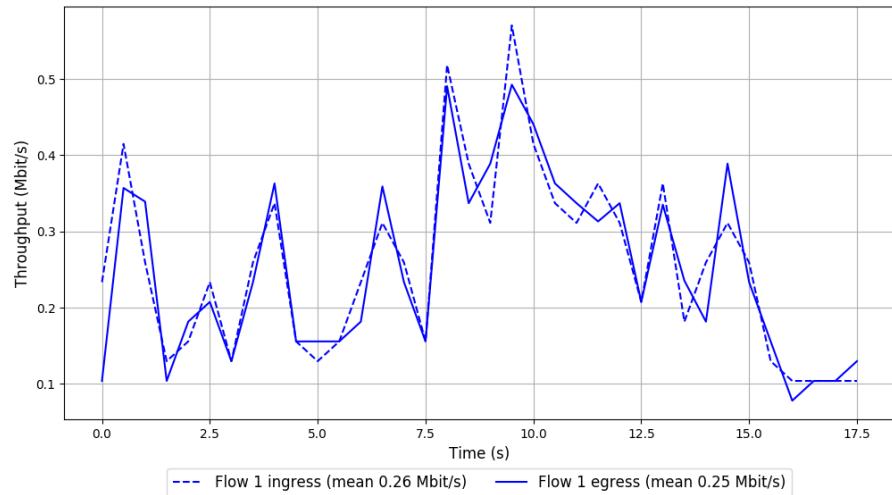
Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: Tue, 01 Aug 2017 03:05:15 +0000
End at: Tue, 01 Aug 2017 03:05:45 +0000
Local clock offset: -3.901 ms
Remote clock offset: 6.496 ms

Run 6: Report of Copa — Data Link

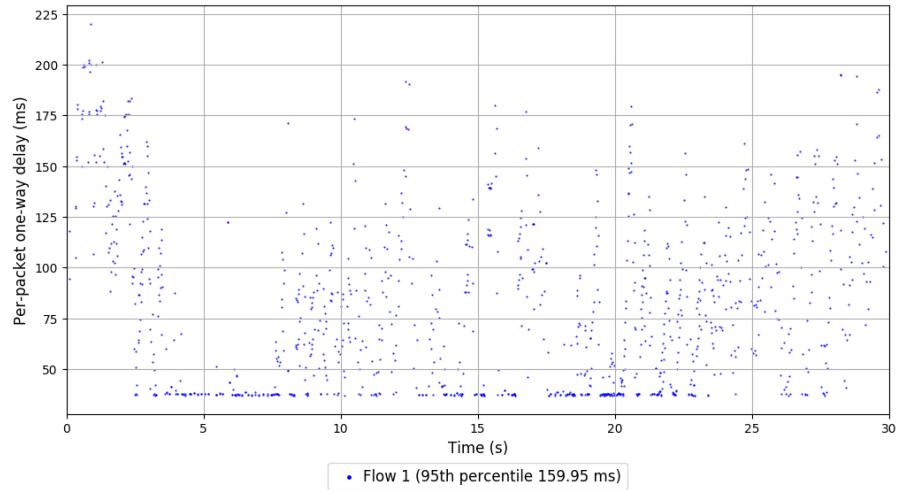
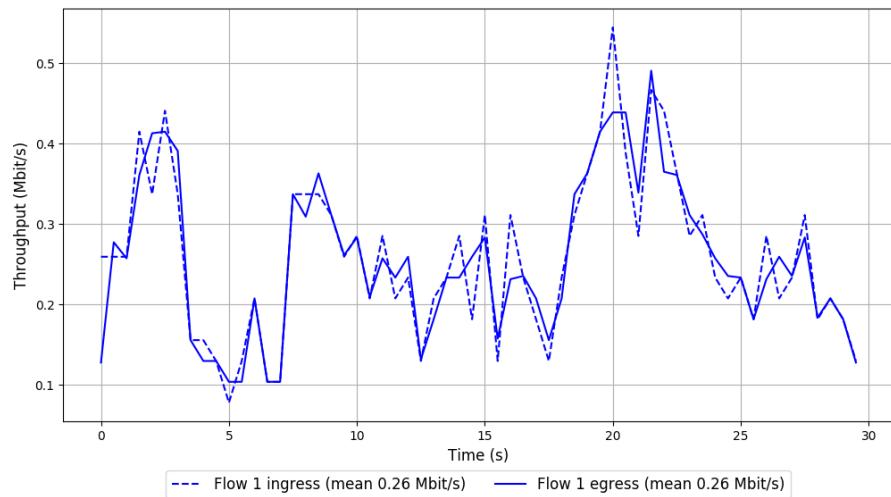


Run 7: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 03:27:31 +0000
End at: Tue, 01 Aug 2017 03:28:01 +0000
Local clock offset: 1.762 ms
Remote clock offset: 33.461 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 159.954 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 159.954 ms
Loss rate: 0.78%
```

Run 7: Report of Copa — Data Link

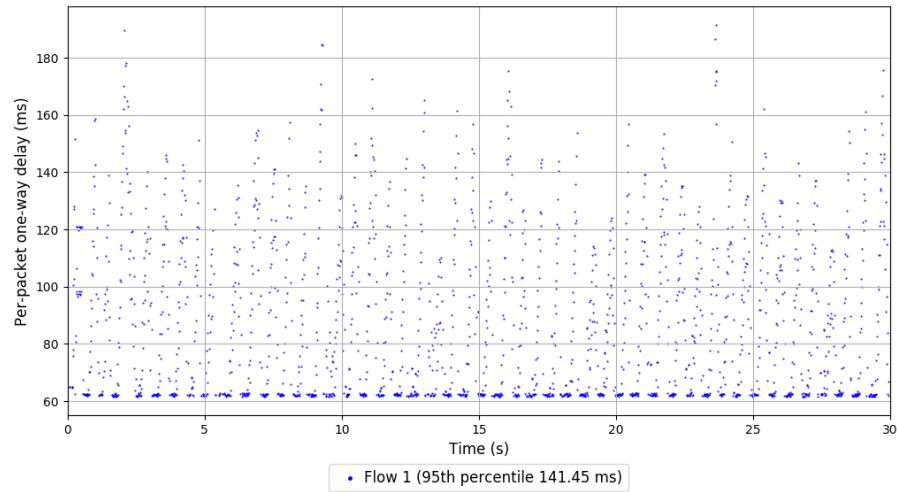
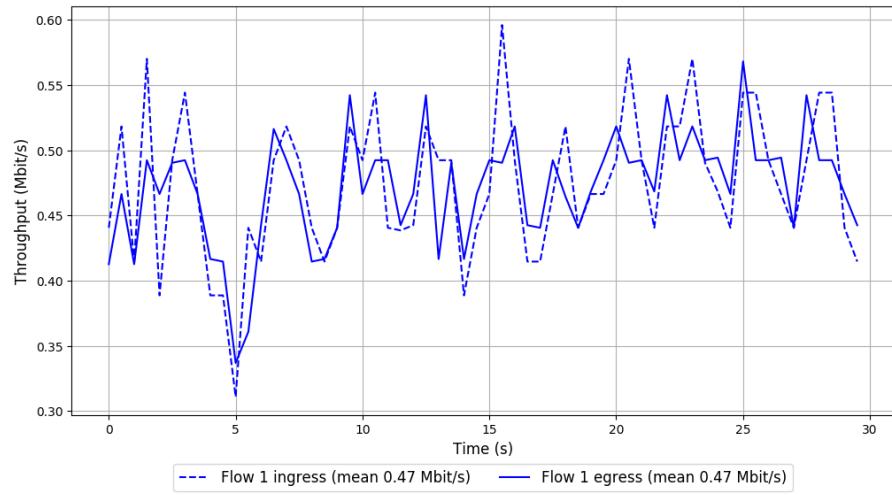


Run 8: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 03:45:55 +0000
End at: Tue, 01 Aug 2017 03:46:25 +0000
Local clock offset: 2.864 ms
Remote clock offset: 10.807 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:36 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 141.450 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 141.450 ms
Loss rate: 0.56%
```

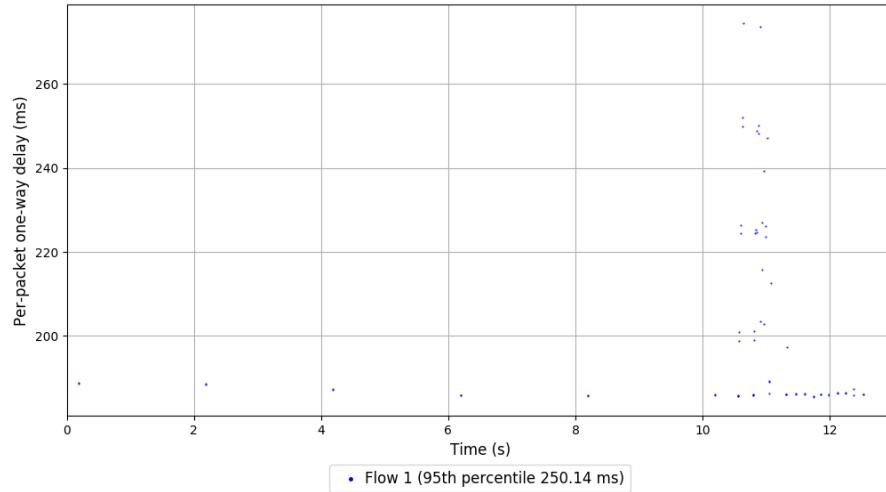
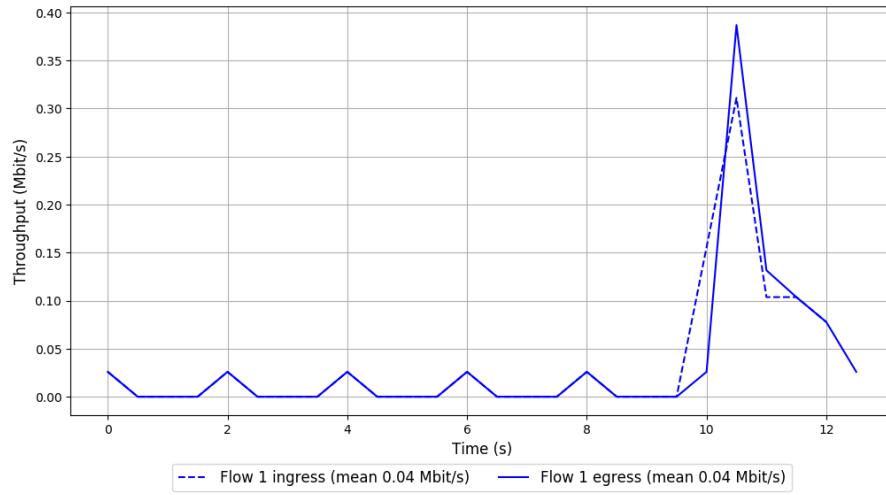
Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: Tue, 01 Aug 2017 04:06:56 +0000
End at: Tue, 01 Aug 2017 04:07:26 +0000
Local clock offset: 0.528 ms
Remote clock offset: -110.2 ms

Run 9: Report of Copa — Data Link

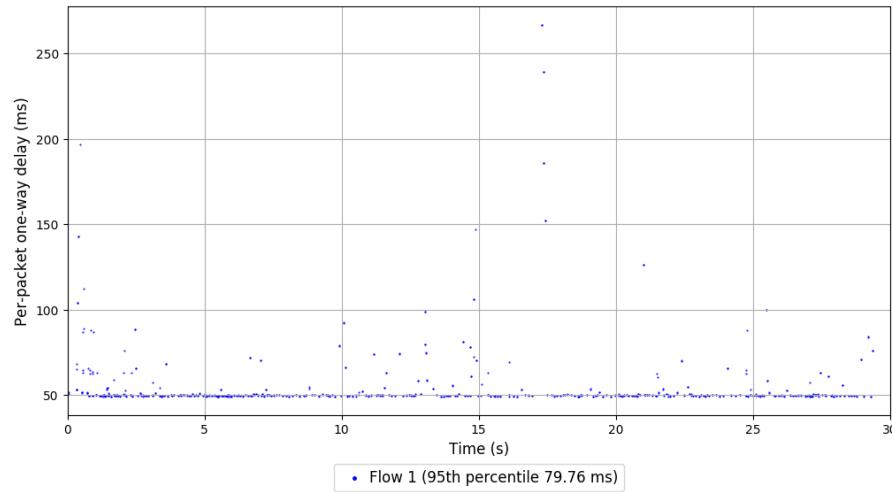
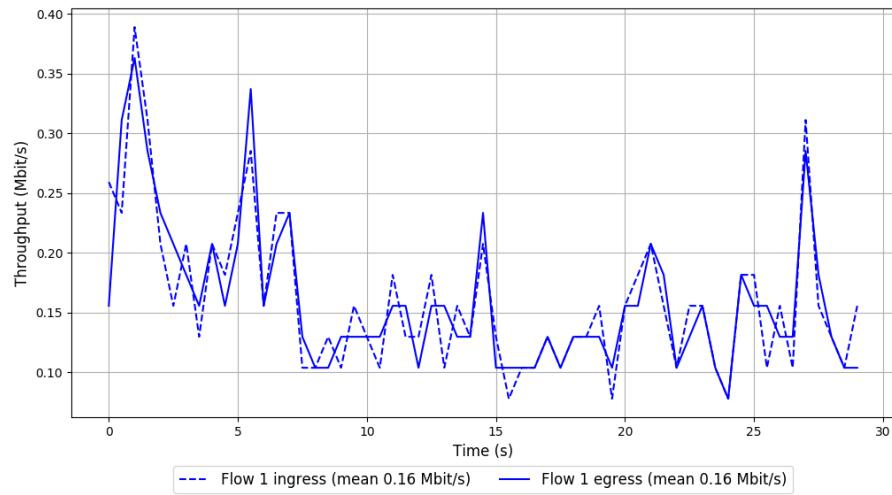


Run 10: Statistics of Copa

```
Start at: Tue, 01 Aug 2017 04:26:42 +0000
End at: Tue, 01 Aug 2017 04:27:12 +0000
Local clock offset: 0.354 ms
Remote clock offset: 17.253 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 79.759 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 79.759 ms
Loss rate: 0.55%
```

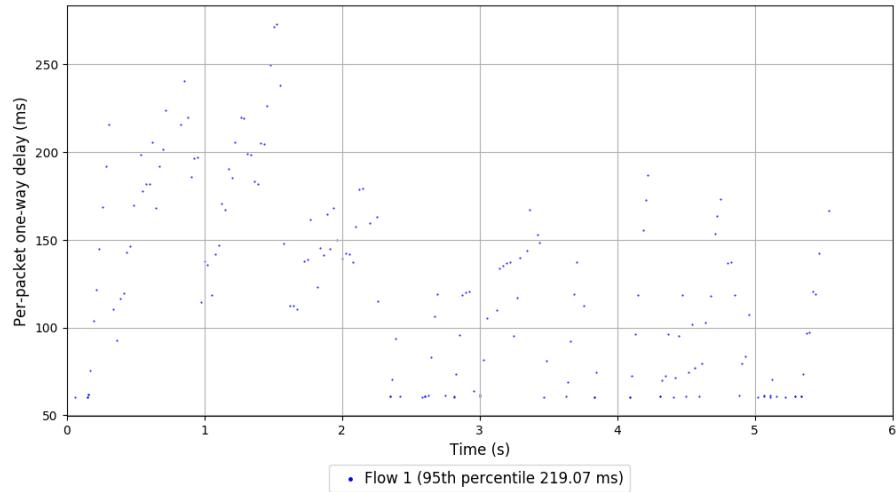
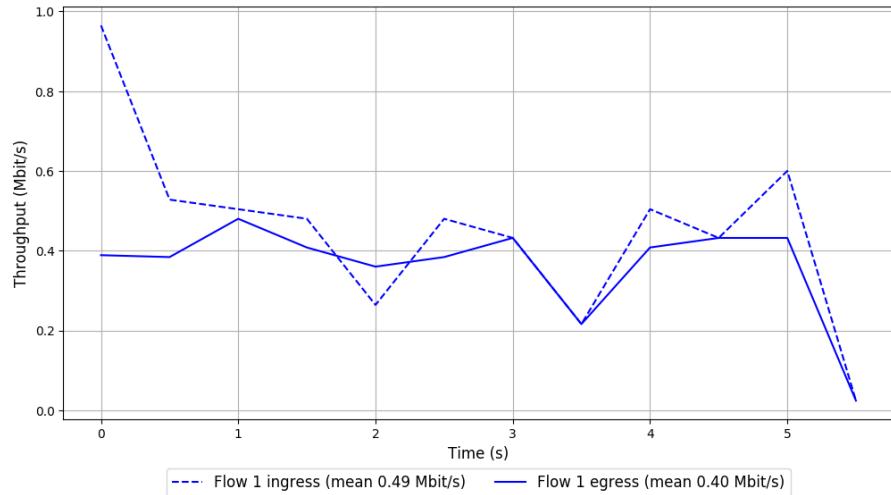
Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: Tue, 01 Aug 2017 01:07:04 +0000
End at: Tue, 01 Aug 2017 01:07:34 +0000
Local clock offset: 0.78 ms
Remote clock offset: 7.002 ms

Run 1: Report of TCP Cubic — Data Link

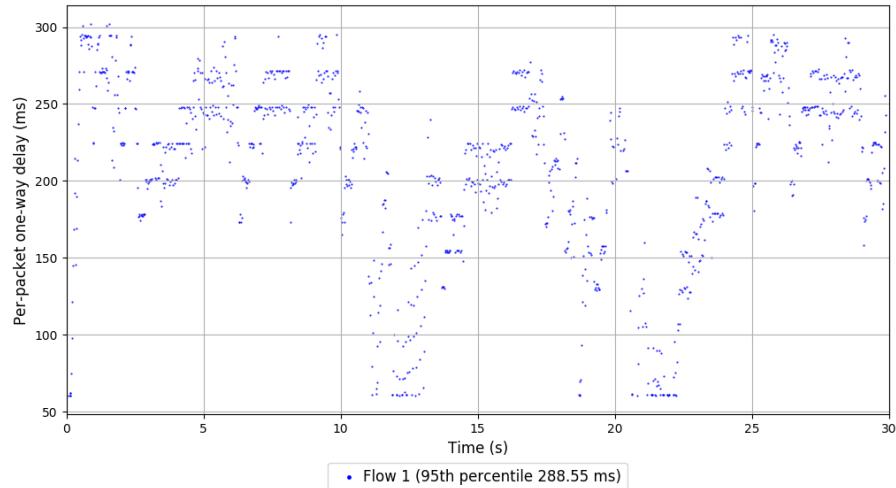
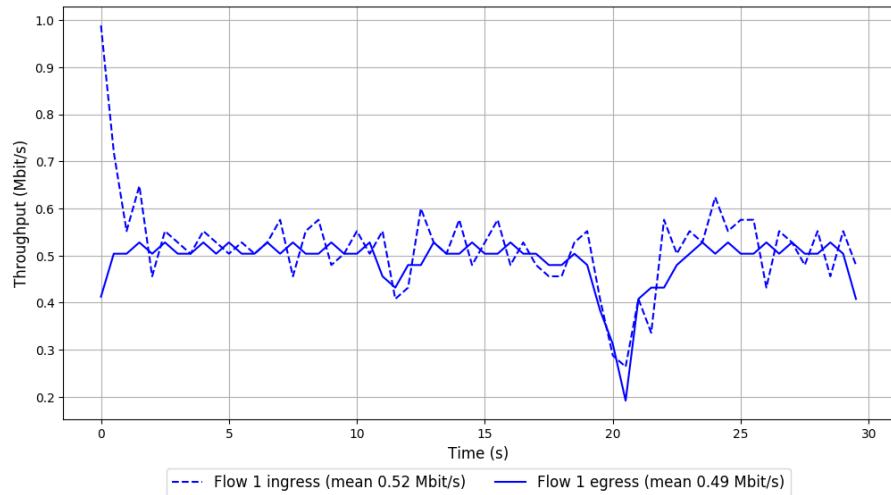


Run 2: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 01:26:17 +0000
End at: Tue, 01 Aug 2017 01:26:47 +0000
Local clock offset: -1.436 ms
Remote clock offset: 5.708 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 288.553 ms
Loss rate: 6.00%
-- Flow 1:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 288.553 ms
Loss rate: 6.00%
```

Run 2: Report of TCP Cubic — Data Link

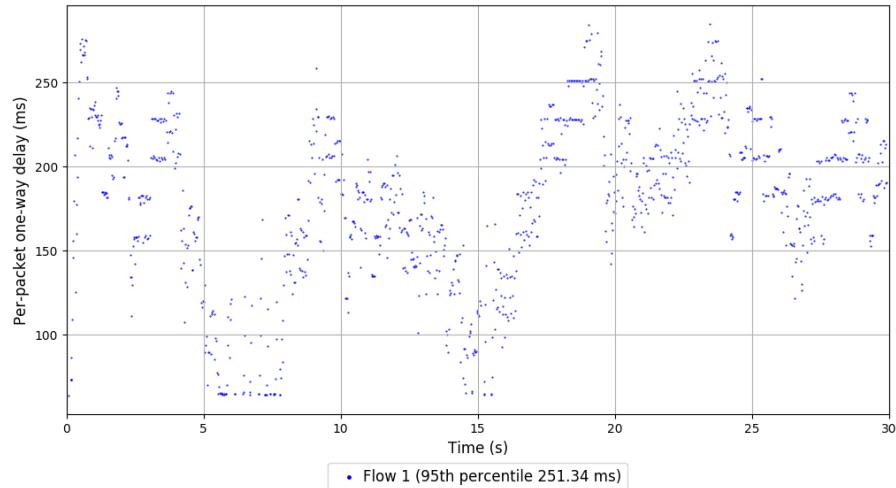
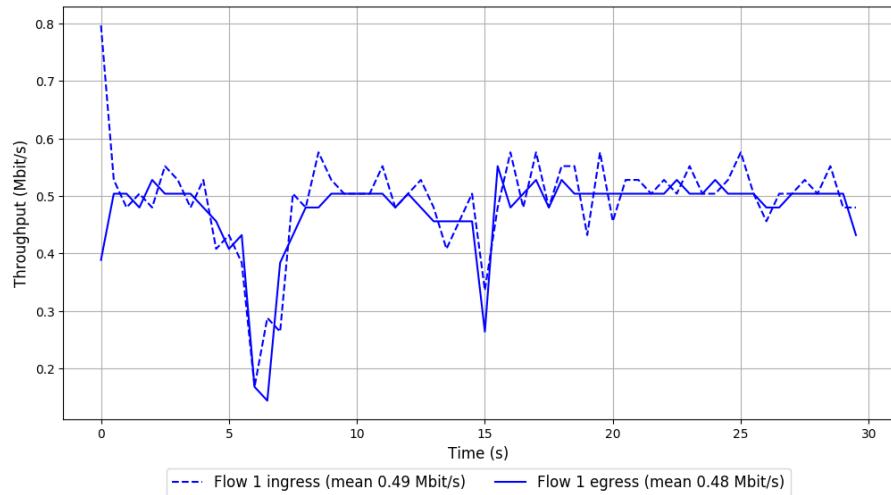


Run 3: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 01:45:24 +0000
End at: Tue, 01 Aug 2017 01:45:54 +0000
Local clock offset: 1.564 ms
Remote clock offset: 4.397 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 251.335 ms
Loss rate: 3.89%
-- Flow 1:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 251.335 ms
Loss rate: 3.89%
```

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: Tue, 01 Aug 2017 02:04:12 +0000

End at: Tue, 01 Aug 2017 02:04:42 +0000

Local clock offset: 2.343 ms

Remote clock offset: -79.877 ms

Below is generated by plot.py at Tue, 01 Aug 2017 04:31:40 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.45 Mbit/s

95th percentile per-packet one-way delay: 282.737 ms

Loss rate: 4.86%

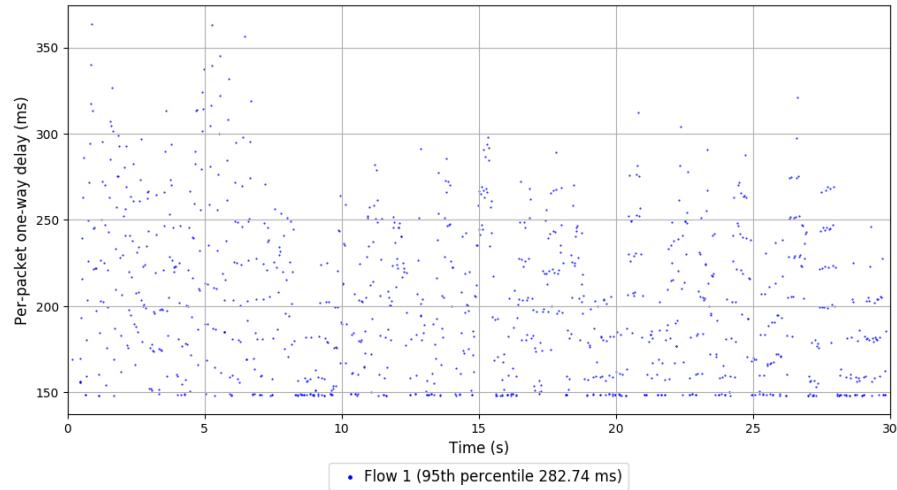
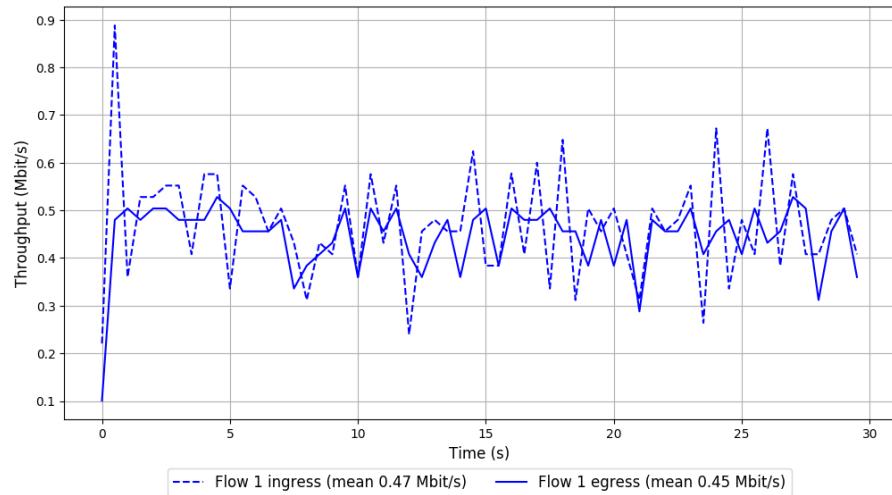
-- Flow 1:

Average throughput: 0.45 Mbit/s

95th percentile per-packet one-way delay: 282.737 ms

Loss rate: 4.86%

Run 4: Report of TCP Cubic — Data Link

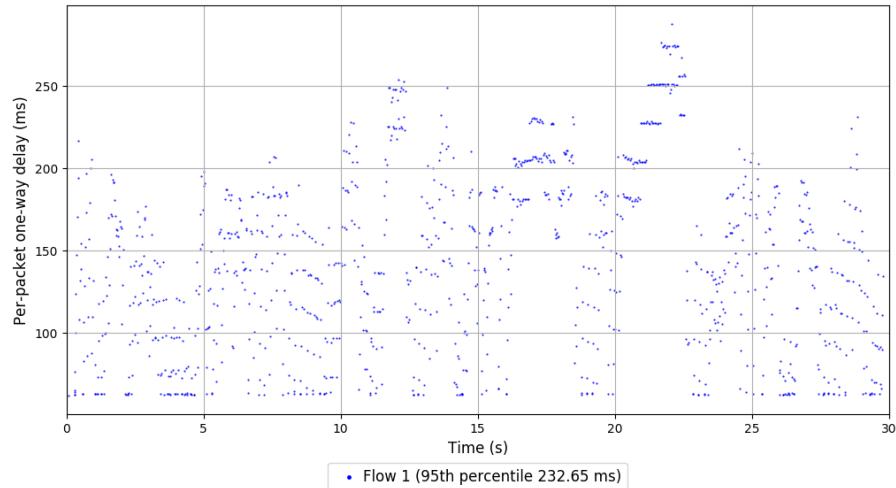
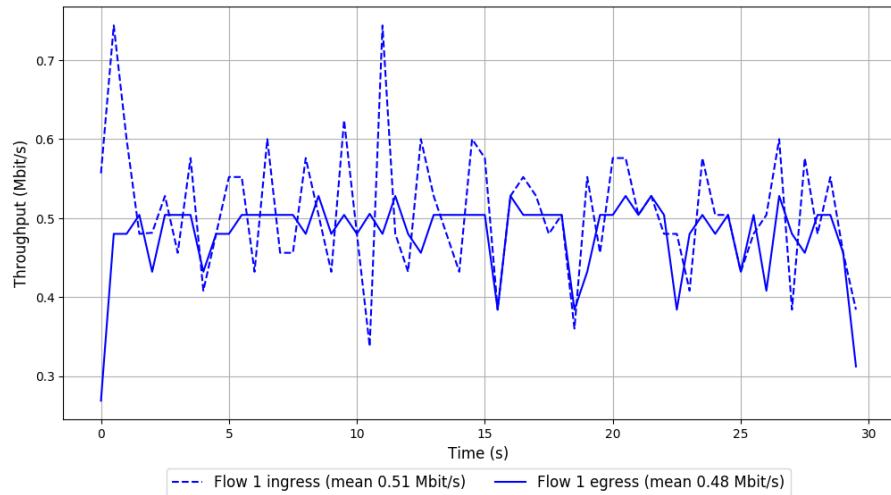


Run 5: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 02:25:23 +0000
End at: Tue, 01 Aug 2017 02:25:53 +0000
Local clock offset: 2.975 ms
Remote clock offset: 6.214 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 232.645 ms
Loss rate: 5.67%
-- Flow 1:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 232.645 ms
Loss rate: 5.67%
```

Run 5: Report of TCP Cubic — Data Link

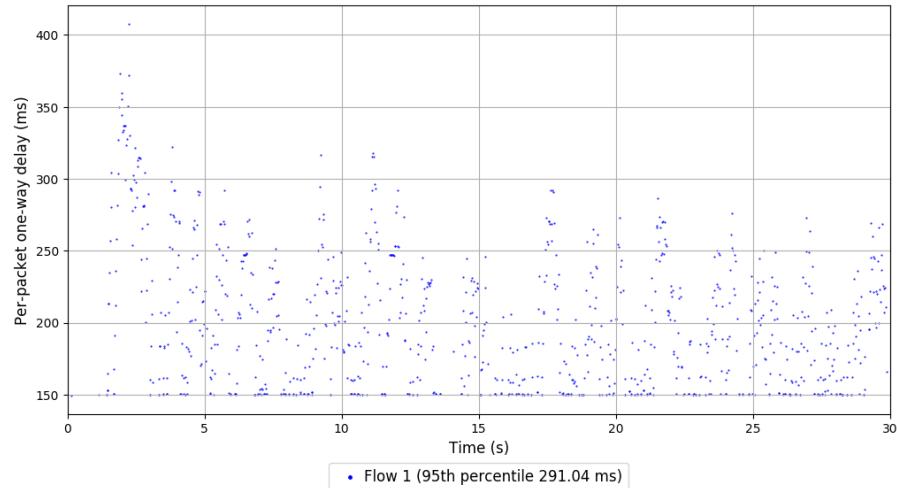
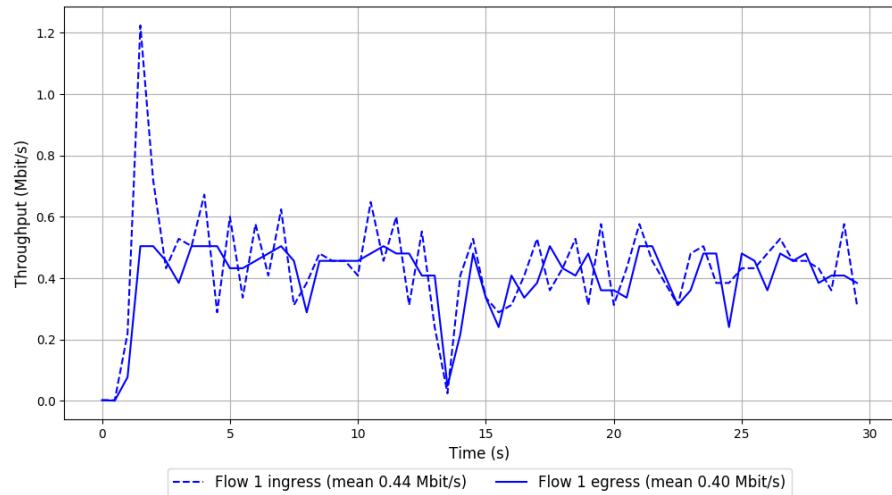


Run 6: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 02:49:53 +0000
End at: Tue, 01 Aug 2017 02:50:23 +0000
Local clock offset: -0.042 ms
Remote clock offset: -81.78 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 291.036 ms
Loss rate: 8.35%
-- Flow 1:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 291.036 ms
Loss rate: 8.35%
```

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: Tue, 01 Aug 2017 03:11:13 +0000

End at: Tue, 01 Aug 2017 03:11:43 +0000

Local clock offset: 3.463 ms

Remote clock offset: -9.872 ms

Below is generated by plot.py at Tue, 01 Aug 2017 04:31:41 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.35 Mbit/s

95th percentile per-packet one-way delay: 204.670 ms

Loss rate: 7.41%

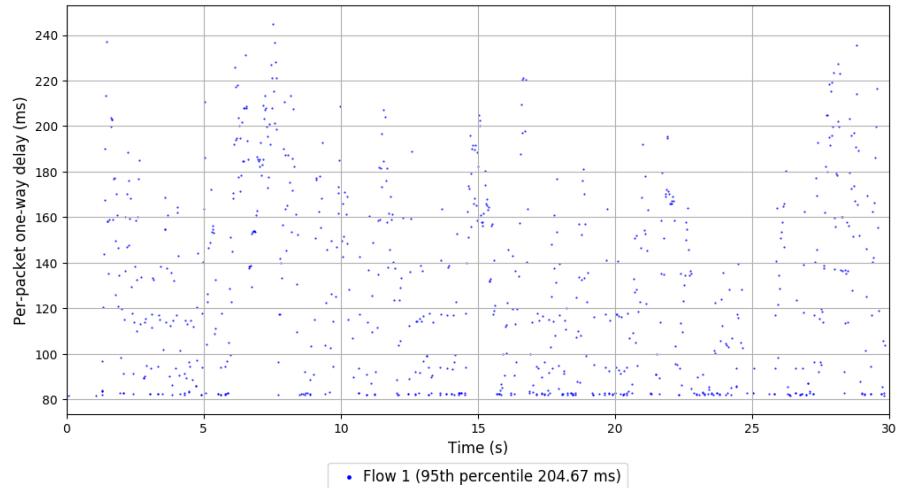
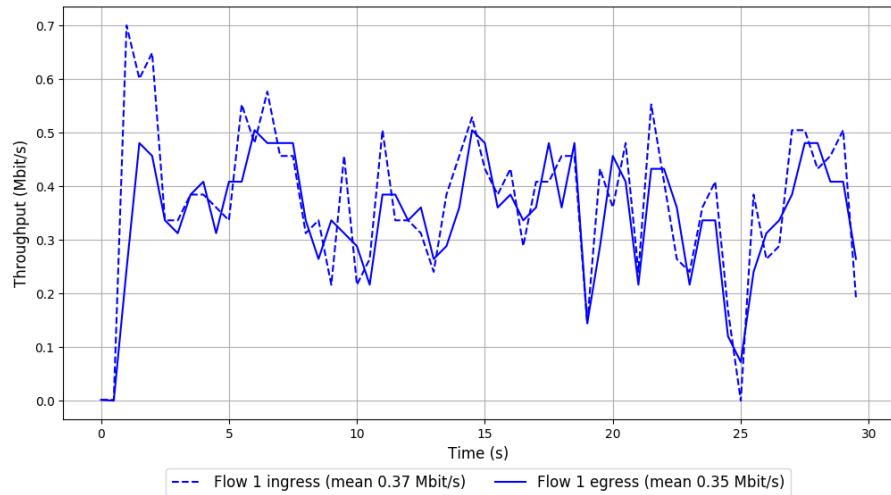
-- Flow 1:

Average throughput: 0.35 Mbit/s

95th percentile per-packet one-way delay: 204.670 ms

Loss rate: 7.41%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: Tue, 01 Aug 2017 03:31:32 +0000

End at: Tue, 01 Aug 2017 03:32:02 +0000

Local clock offset: 0.709 ms

Remote clock offset: 42.996 ms

Below is generated by plot.py at Tue, 01 Aug 2017 04:31:42 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 237.941 ms

Loss rate: 5.19%

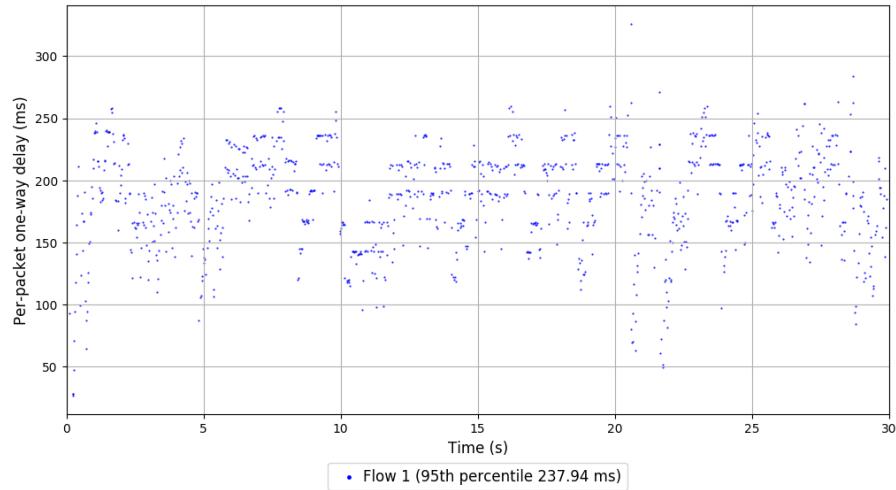
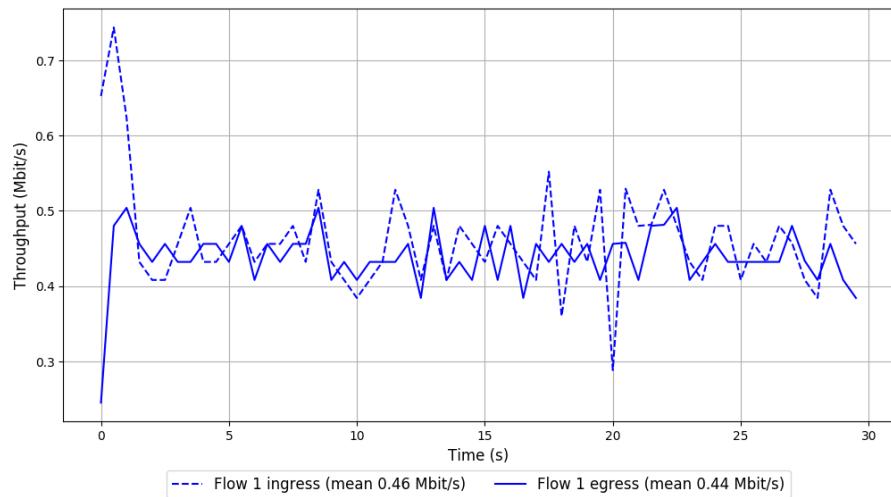
-- Flow 1:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 237.941 ms

Loss rate: 5.19%

Run 8: Report of TCP Cubic — Data Link

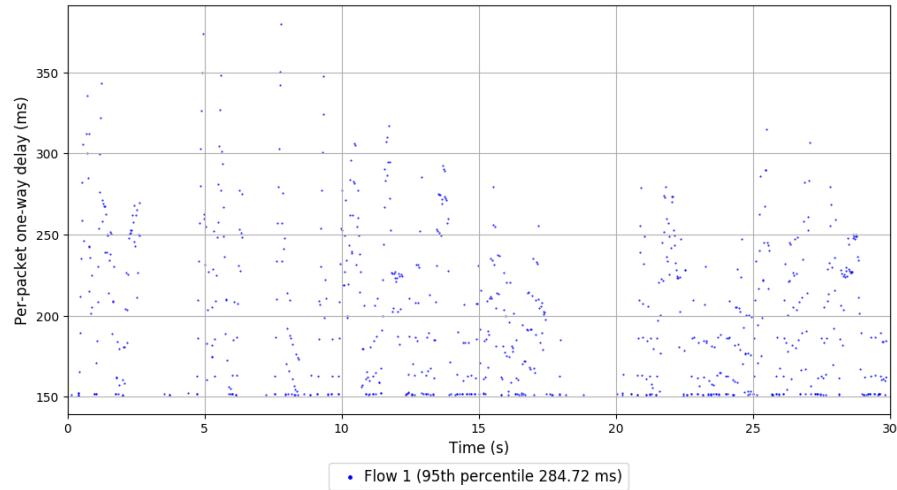
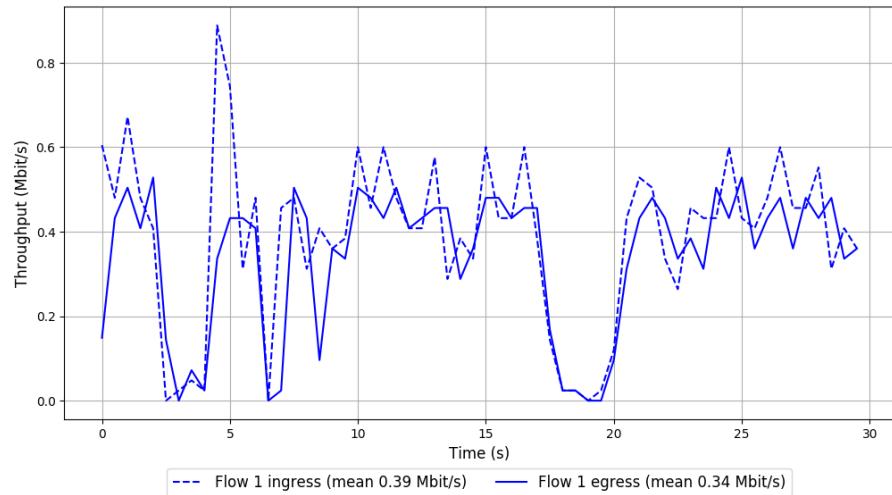


Run 9: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 03:50:09 +0000
End at: Tue, 01 Aug 2017 03:50:39 +0000
Local clock offset: 4.301 ms
Remote clock offset: -77.585 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 284.716 ms
Loss rate: 12.45%
-- Flow 1:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 284.716 ms
Loss rate: 12.45%
```

Run 9: Report of TCP Cubic — Data Link

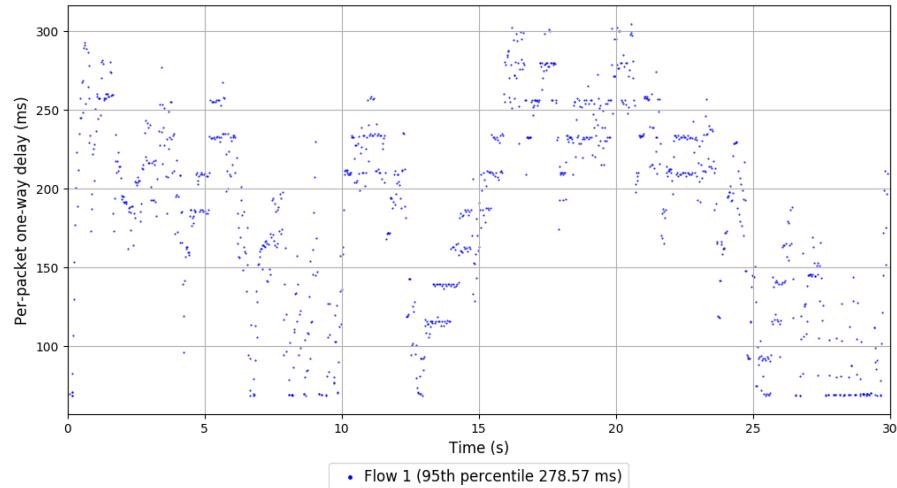
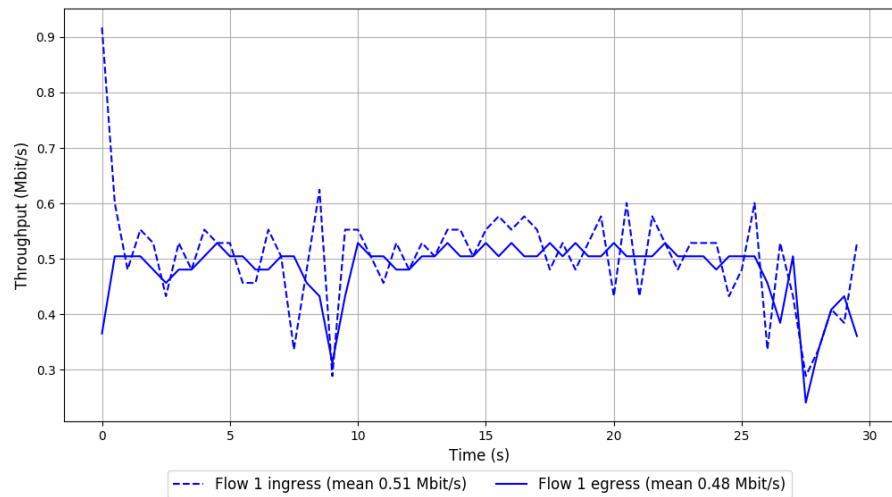


Run 10: Statistics of TCP Cubic

```
Start at: Tue, 01 Aug 2017 04:11:15 +0000
End at: Tue, 01 Aug 2017 04:11:45 +0000
Local clock offset: 4.194 ms
Remote clock offset: 2.408 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 278.566 ms
Loss rate: 5.07%
-- Flow 1:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 278.566 ms
Loss rate: 5.07%
```

Run 10: Report of TCP Cubic — Data Link



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

```
Start at: Tue, 01 Aug 2017 01:16:37 +0000
```

```
End at: Tue, 01 Aug 2017 01:17:07 +0000
```

```
Local clock offset: 3.136 ms
```

```
Remote clock offset: 5.306 ms
```

```
# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:43 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.44 Mbit/s
```

```
95th percentile per-packet one-way delay: 188.883 ms
```

```
Loss rate: 2.56%
```

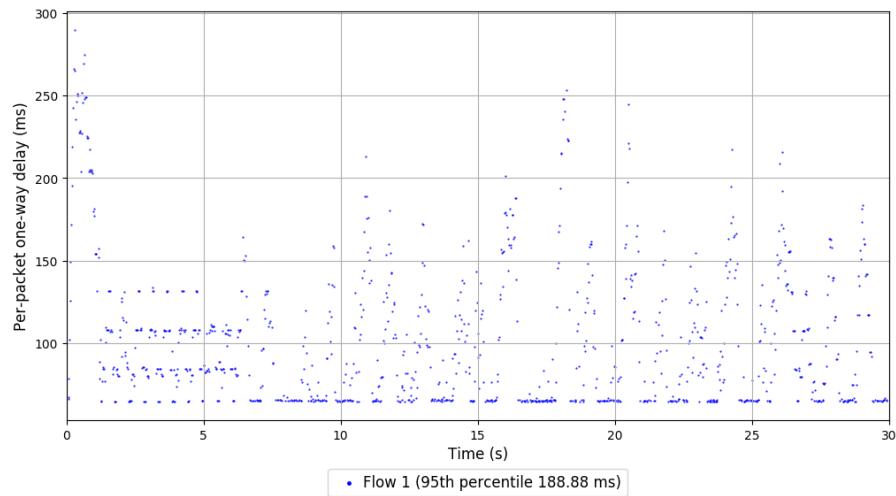
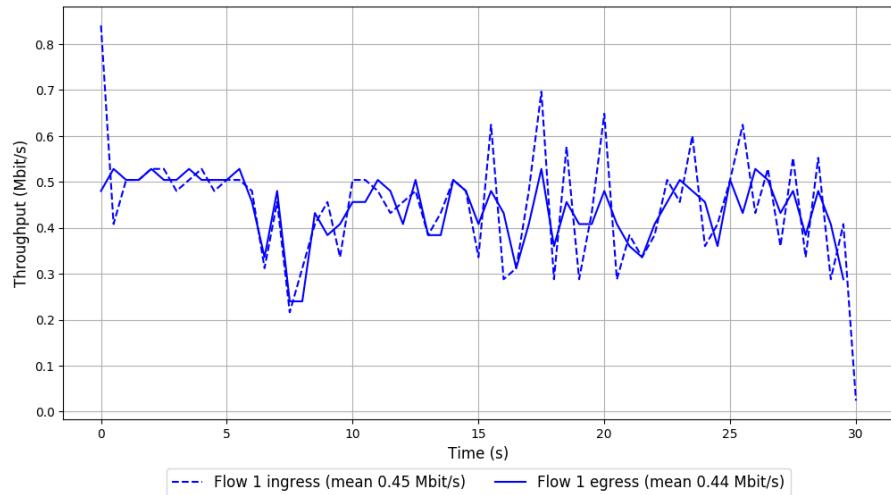
```
-- Flow 1:
```

```
Average throughput: 0.44 Mbit/s
```

```
95th percentile per-packet one-way delay: 188.883 ms
```

```
Loss rate: 2.56%
```

Run 1: Report of KohoCC — Data Link

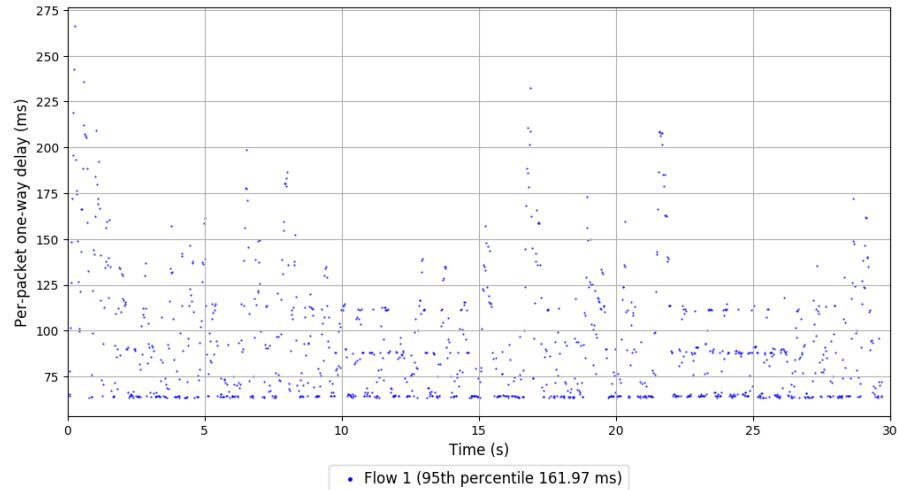
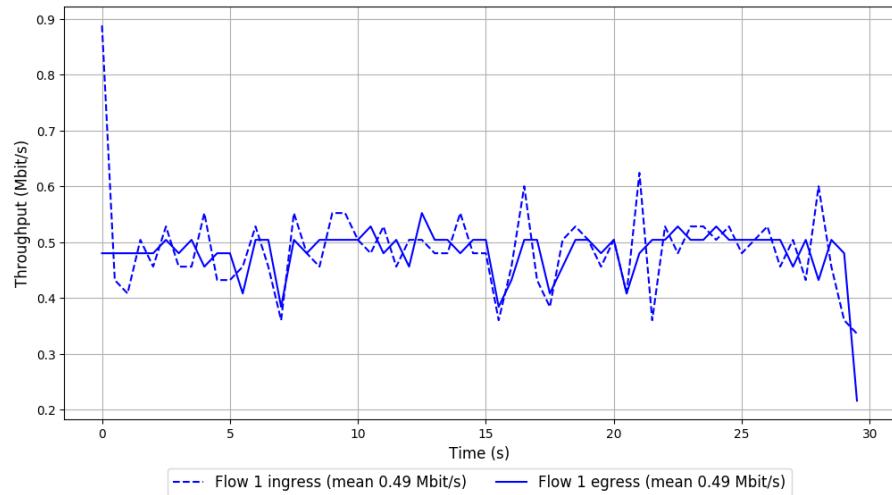


Run 2: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 01:36:23 +0000
End at: Tue, 01 Aug 2017 01:36:53 +0000
Local clock offset: 1.362 ms
Remote clock offset: 4.097 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:44 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 161.968 ms
Loss rate: 1.31%
-- Flow 1:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 161.968 ms
Loss rate: 1.31%
```

Run 2: Report of KohoCC — Data Link

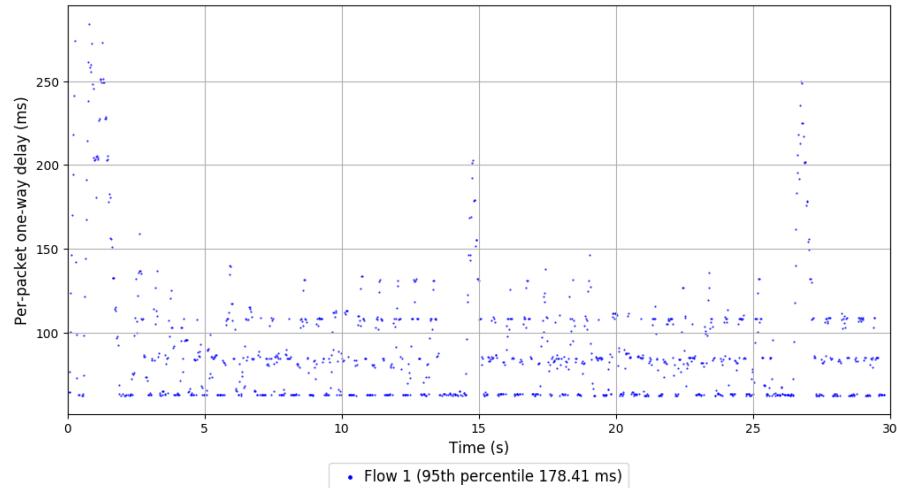
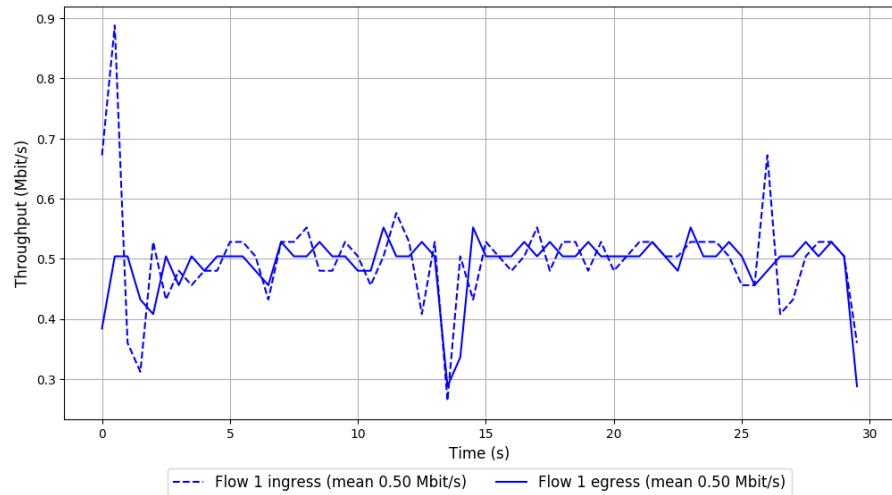


Run 3: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 01:55:00 +0000
End at: Tue, 01 Aug 2017 01:55:30 +0000
Local clock offset: 0.954 ms
Remote clock offset: 4.579 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 178.409 ms
Loss rate: 1.76%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 178.409 ms
Loss rate: 1.76%
```

Run 3: Report of KohoCC — Data Link

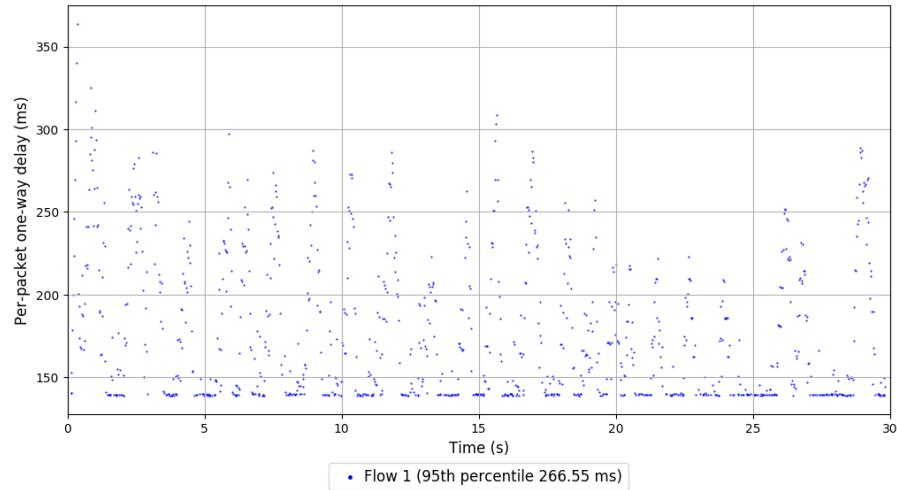
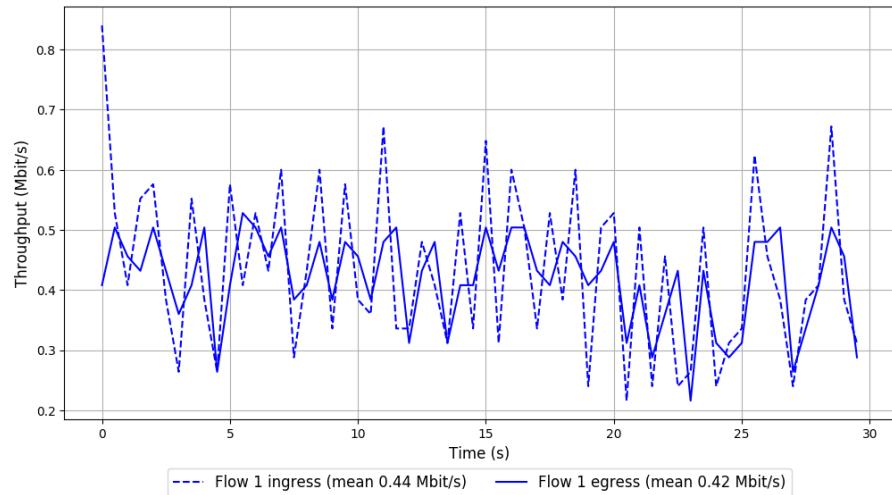


Run 4: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 02:15:27 +0000
End at: Tue, 01 Aug 2017 02:15:57 +0000
Local clock offset: 1.251 ms
Remote clock offset: -70.611 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:45 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 266.550 ms
Loss rate: 3.59%
-- Flow 1:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 266.550 ms
Loss rate: 3.59%
```

Run 4: Report of KohoCC — Data Link

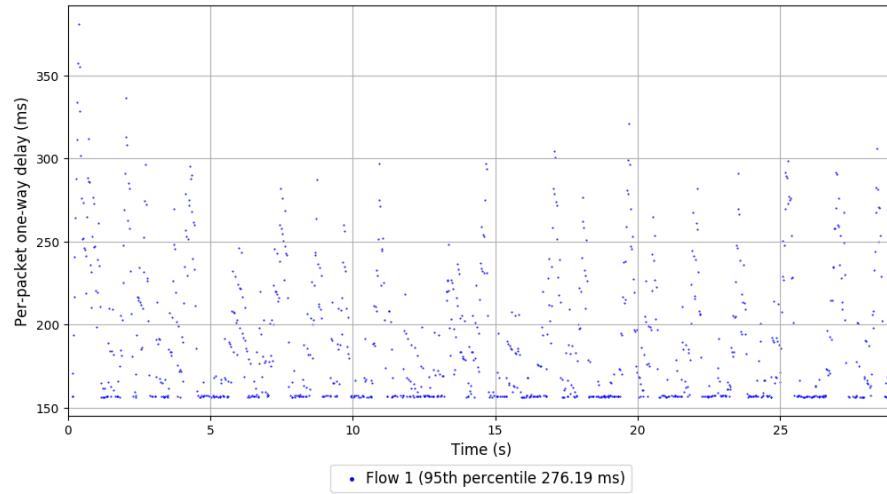
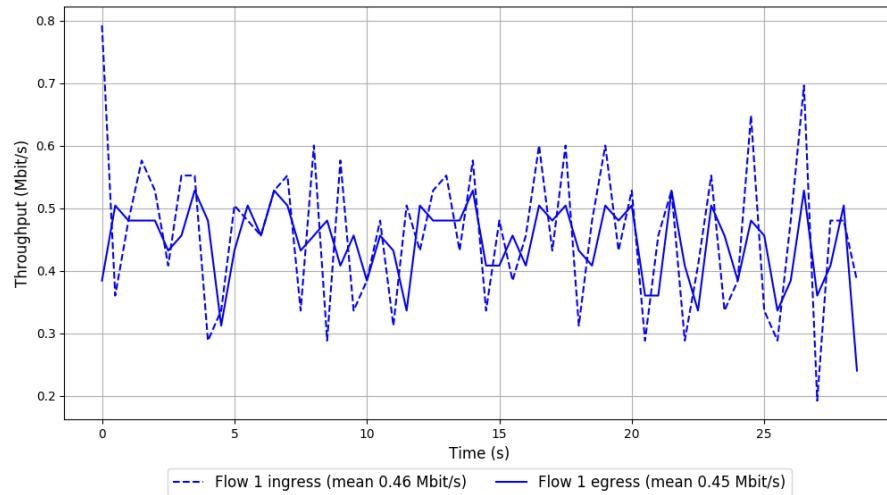


Run 5: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 02:37:35 +0000
End at: Tue, 01 Aug 2017 02:38:05 +0000
Local clock offset: 1.769 ms
Remote clock offset: -88.057 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 276.188 ms
Loss rate: 2.98%
-- Flow 1:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 276.188 ms
Loss rate: 2.98%
```

Run 5: Report of KohoCC — Data Link

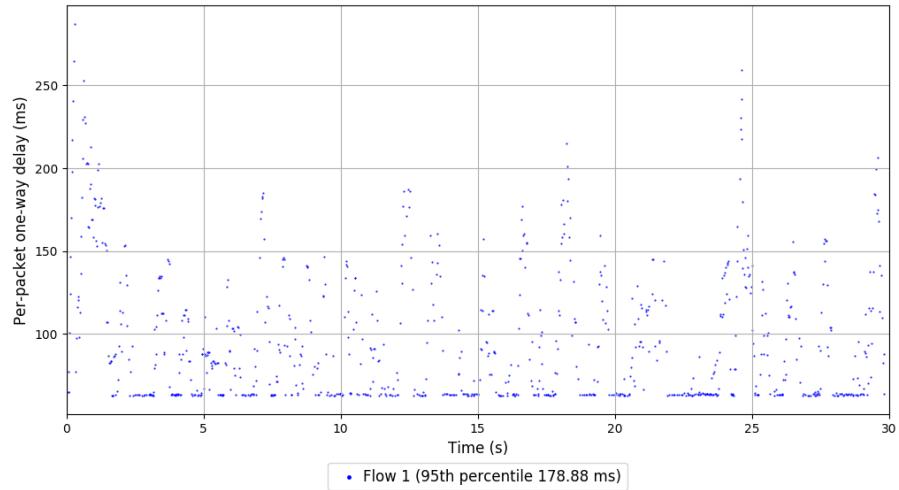
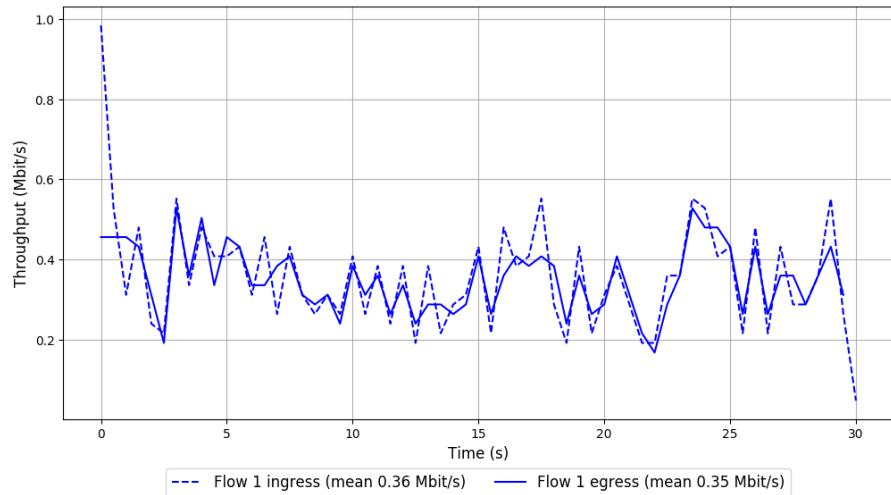


Run 6: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 02:59:46 +0000
End at: Tue, 01 Aug 2017 03:00:16 +0000
Local clock offset: 2.461 ms
Remote clock offset: 8.296 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:46 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 178.877 ms
Loss rate: 3.41%
-- Flow 1:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 178.877 ms
Loss rate: 3.41%
```

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: Tue, 01 Aug 2017 03:21:13 +0000

End at: Tue, 01 Aug 2017 03:21:43 +0000

Local clock offset: 2.945 ms

Remote clock offset: 8.973 ms

Below is generated by plot.py at Tue, 01 Aug 2017 04:31:47 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 178.412 ms

Loss rate: 2.30%

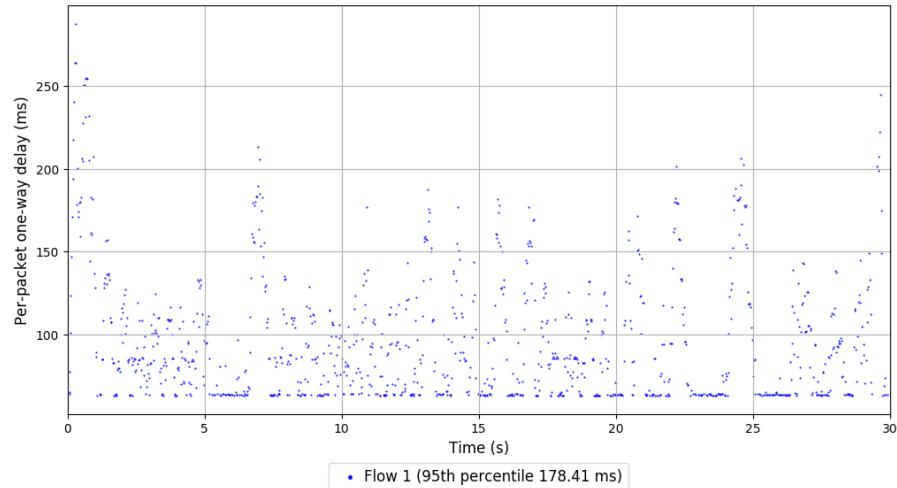
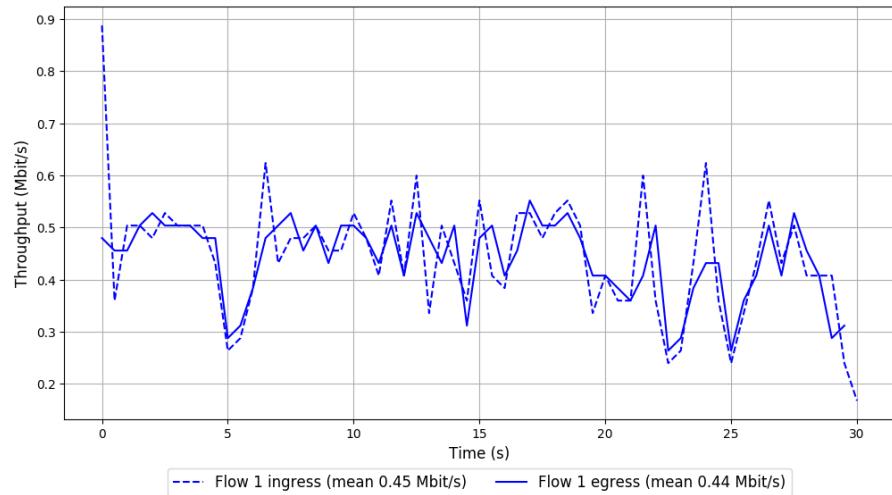
-- Flow 1:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 178.412 ms

Loss rate: 2.30%

Run 7: Report of KohoCC — Data Link

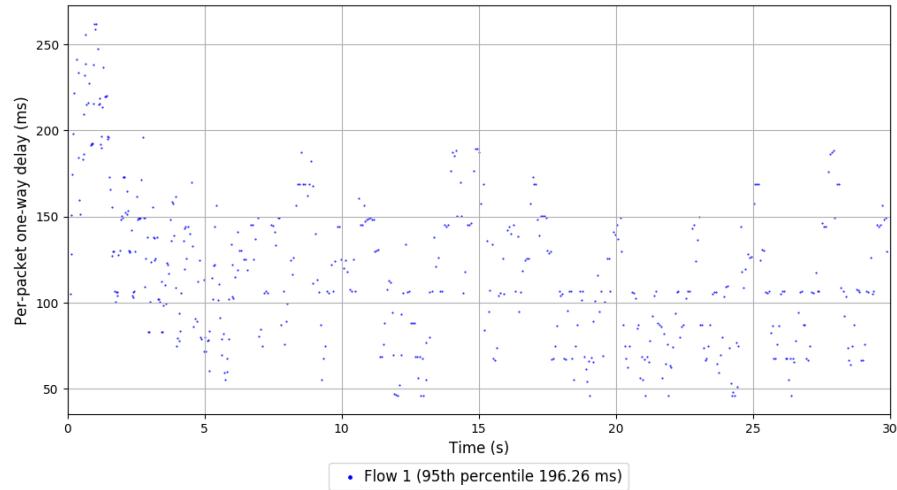
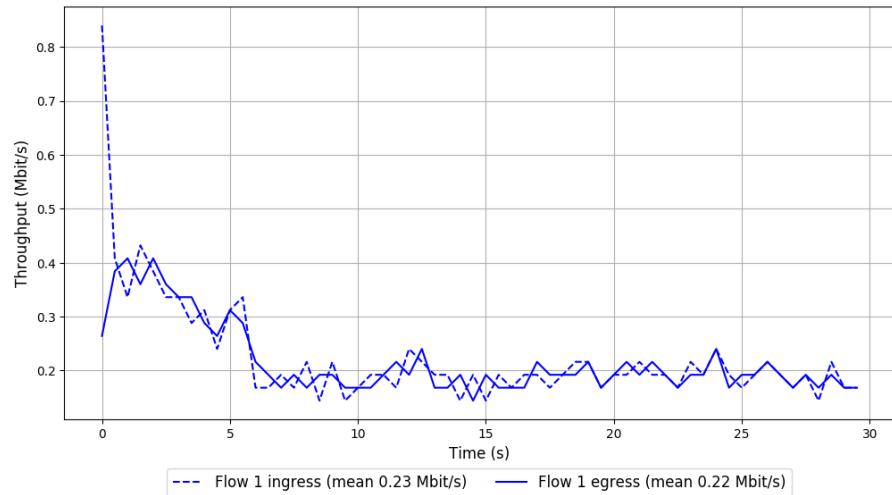


Run 8: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 03:40:28 +0000
End at: Tue, 01 Aug 2017 03:40:58 +0000
Local clock offset: 3.533 ms
Remote clock offset: 28.148 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:47 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 196.256 ms
Loss rate: 3.72%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 196.256 ms
Loss rate: 3.72%
```

Run 8: Report of KohoCC — Data Link

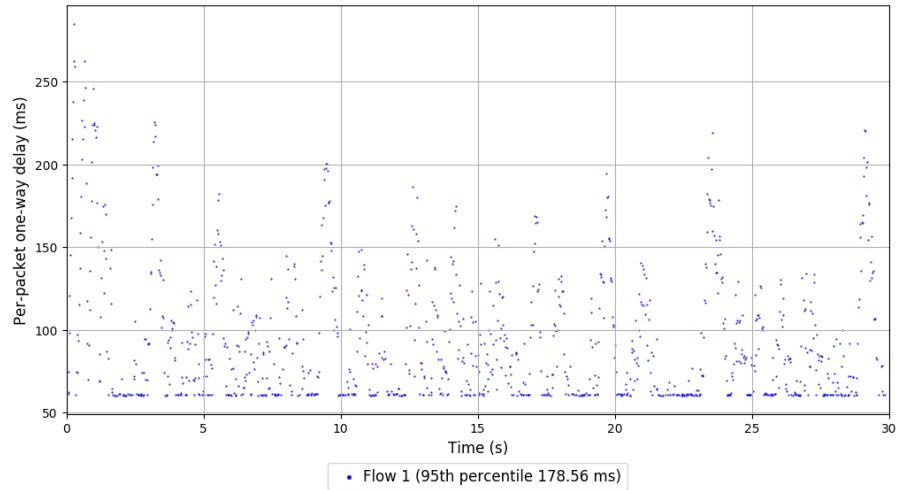
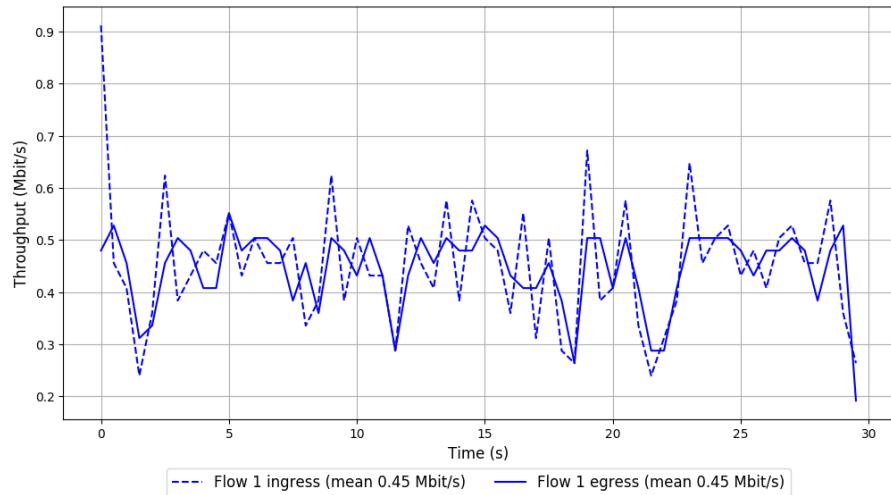


Run 9: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 04:00:55 +0000
End at: Tue, 01 Aug 2017 04:01:25 +0000
Local clock offset: 1.419 ms
Remote clock offset: 9.756 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 178.559 ms
Loss rate: 1.50%
-- Flow 1:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 178.559 ms
Loss rate: 1.50%
```

Run 9: Report of KohoCC — Data Link

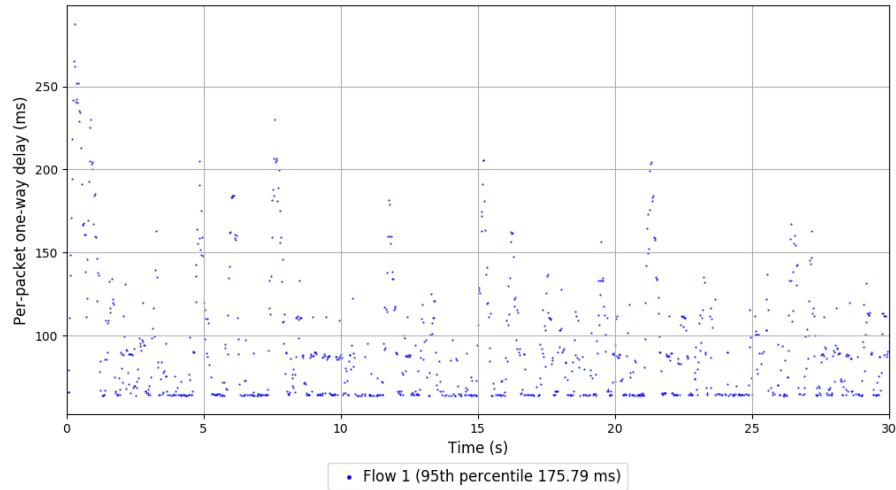
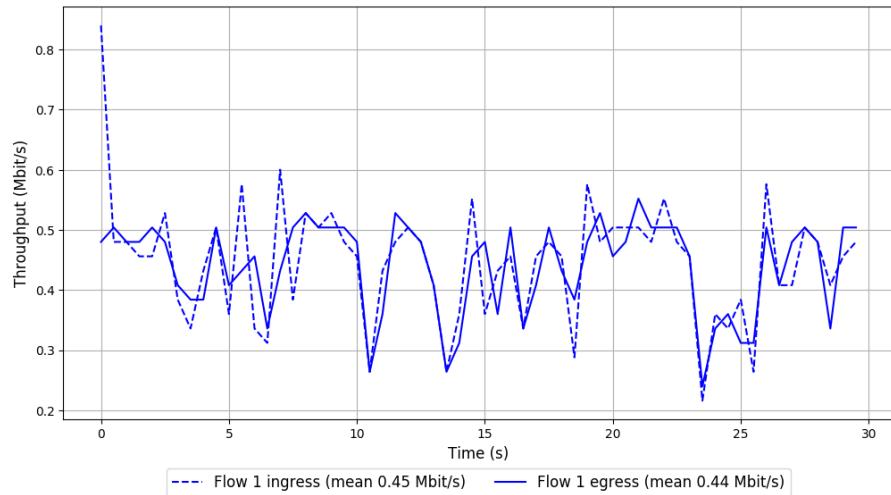


Run 10: Statistics of KohoCC

```
Start at: Tue, 01 Aug 2017 04:20:40 +0000
End at: Tue, 01 Aug 2017 04:21:10 +0000
Local clock offset: 3.516 ms
Remote clock offset: 5.889 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:48 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 175.793 ms
Loss rate: 1.34%
-- Flow 1:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 175.793 ms
Loss rate: 1.34%
```

Run 10: Report of KohoCC — Data Link

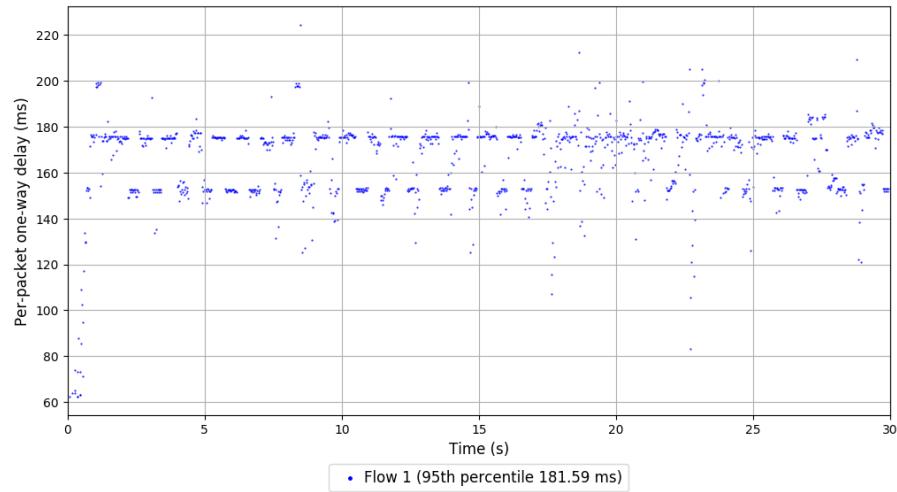
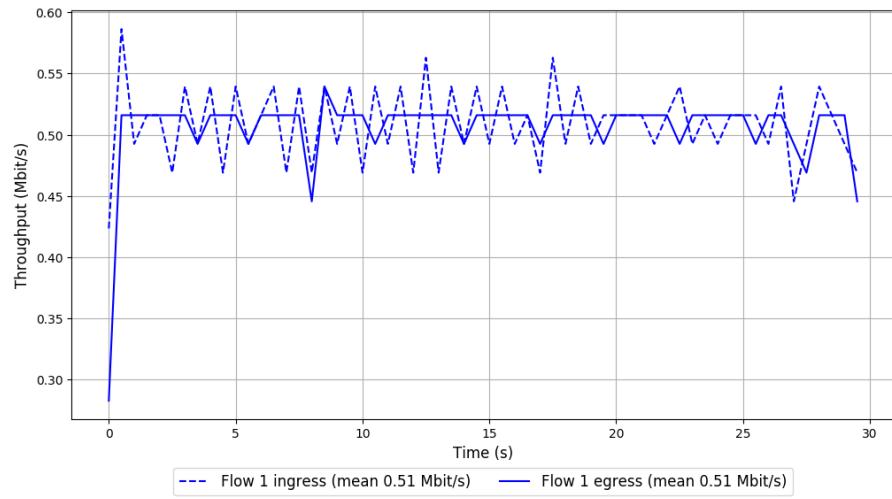


```
Run 1: Statistics of LEDBAT
```

```
Start at: Tue, 01 Aug 2017 01:05:44 +0000
End at: Tue, 01 Aug 2017 01:06:14 +0000
Local clock offset: 0.333 ms
Remote clock offset: 5.406 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 181.594 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 181.594 ms
Loss rate: 0.61%
```

Run 1: Report of LEDBAT — Data Link

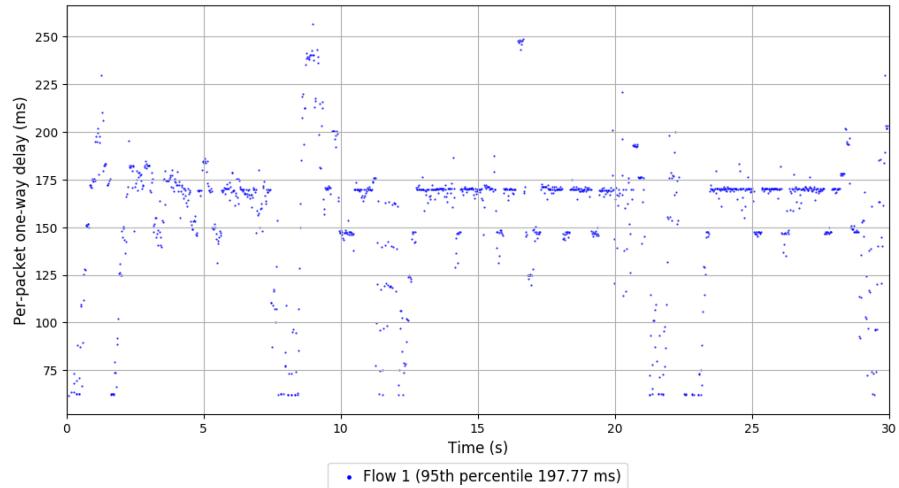
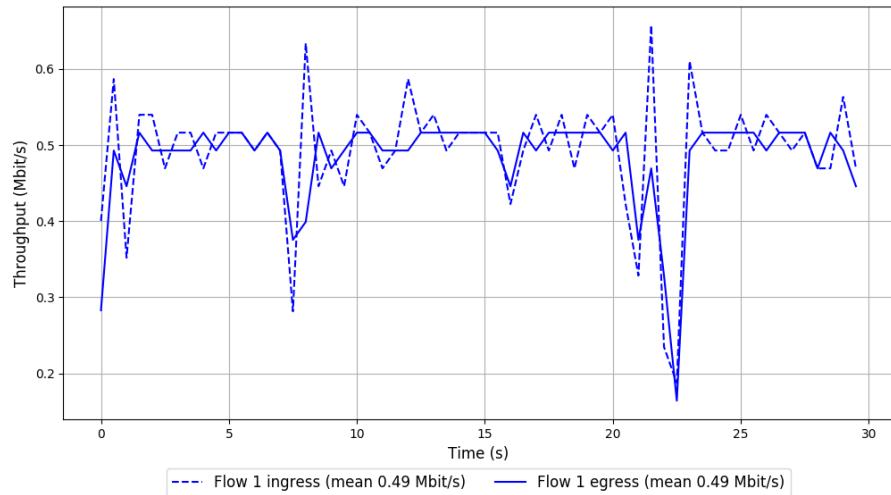


Run 2: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 01:25:01 +0000
End at: Tue, 01 Aug 2017 01:25:31 +0000
Local clock offset: -0.681 ms
Remote clock offset: 4.937 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:49 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 197.766 ms
Loss rate: 1.67%
-- Flow 1:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 197.766 ms
Loss rate: 1.67%
```

Run 2: Report of LEDBAT — Data Link

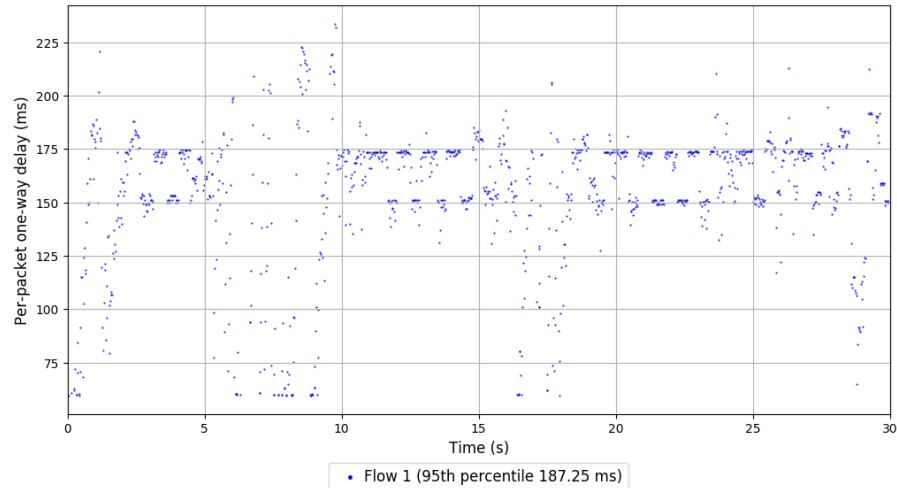
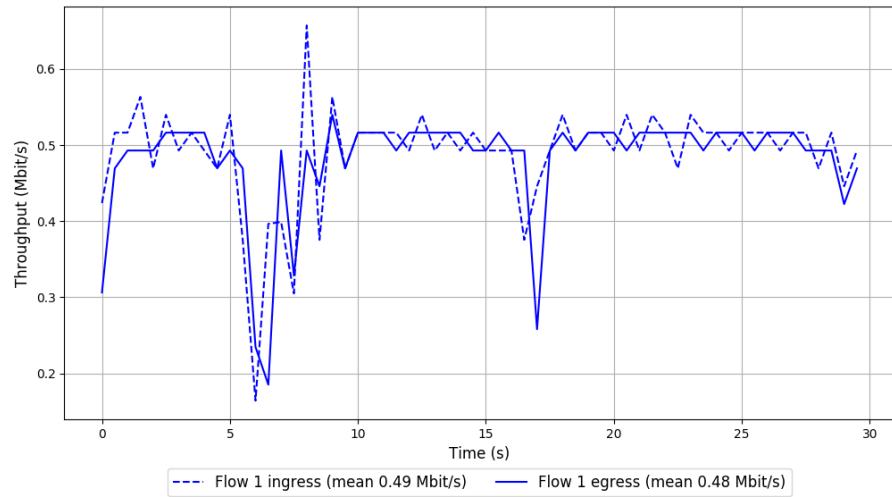


Run 3: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 01:44:07 +0000
End at: Tue, 01 Aug 2017 01:44:37 +0000
Local clock offset: -1.308 ms
Remote clock offset: 4.697 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 187.248 ms
Loss rate: 1.52%
-- Flow 1:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 187.248 ms
Loss rate: 1.52%
```

Run 3: Report of LEDBAT — Data Link

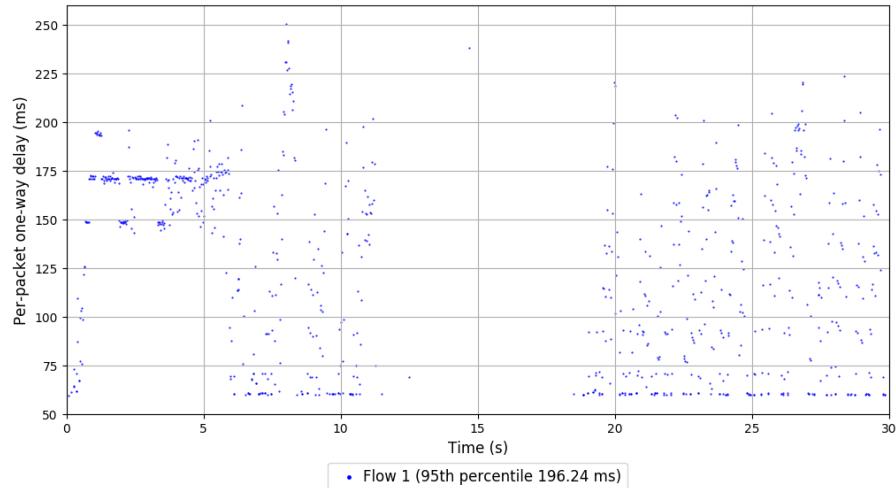
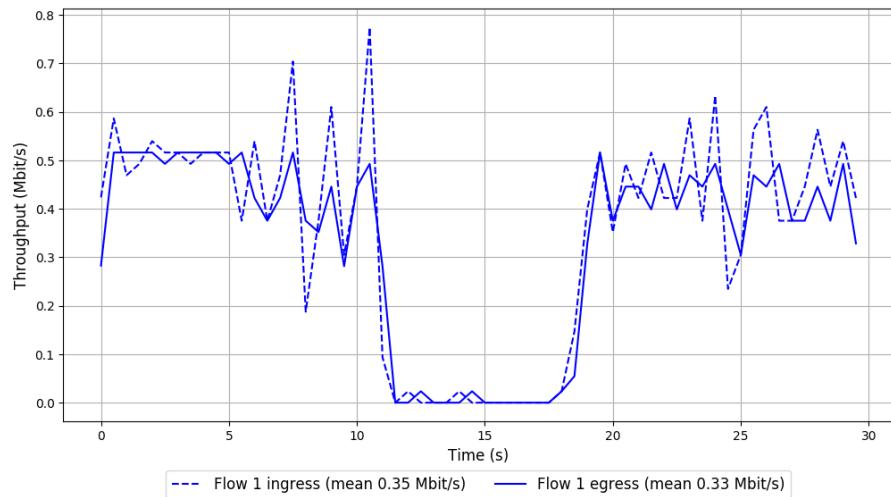


Run 4: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 02:02:45 +0000
End at: Tue, 01 Aug 2017 02:03:15 +0000
Local clock offset: -1.209 ms
Remote clock offset: 4.927 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:50 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 196.238 ms
Loss rate: 6.23%
-- Flow 1:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 196.238 ms
Loss rate: 6.23%
```

Run 4: Report of LEDBAT — Data Link

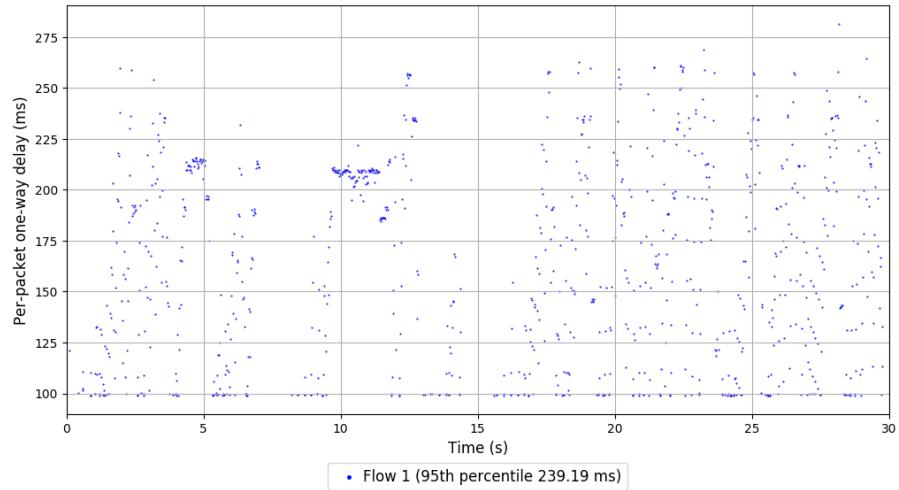
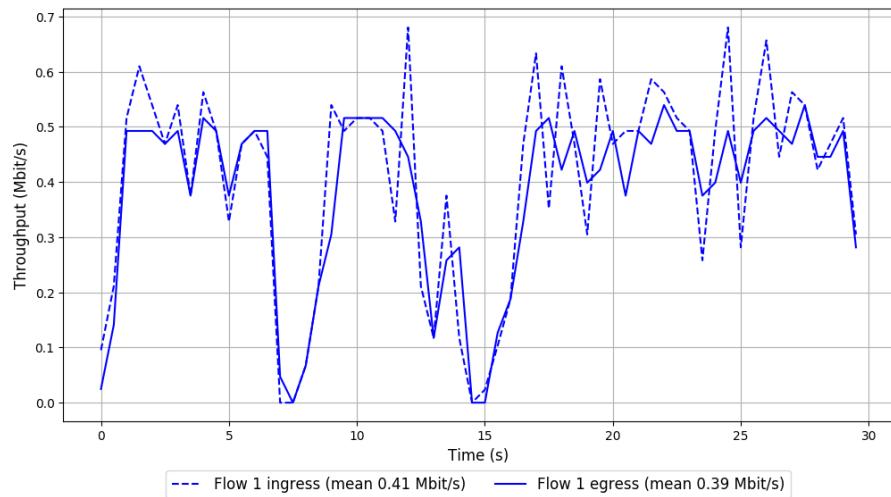


Run 5: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 02:24:02 +0000
End at: Tue, 01 Aug 2017 02:24:32 +0000
Local clock offset: 2.28 ms
Remote clock offset: -29.663 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:51 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 239.188 ms
Loss rate: 5.31%
-- Flow 1:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 239.188 ms
Loss rate: 5.31%
```

Run 5: Report of LEDBAT — Data Link

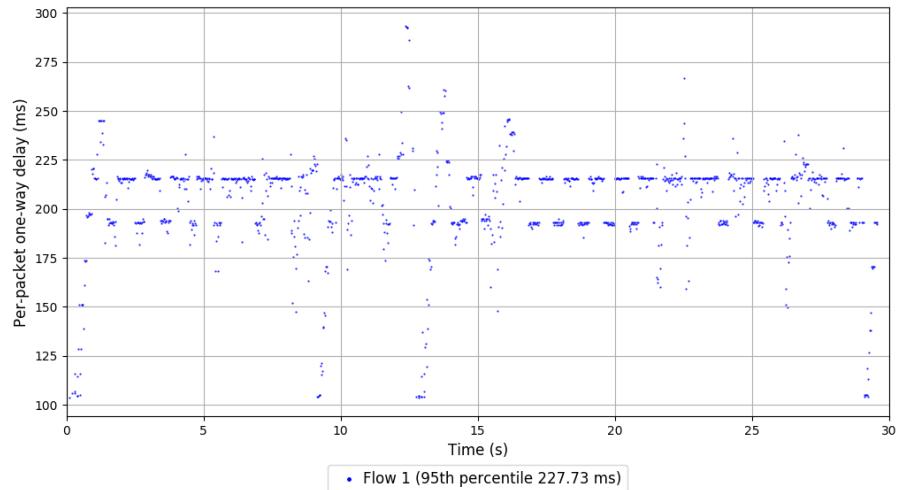
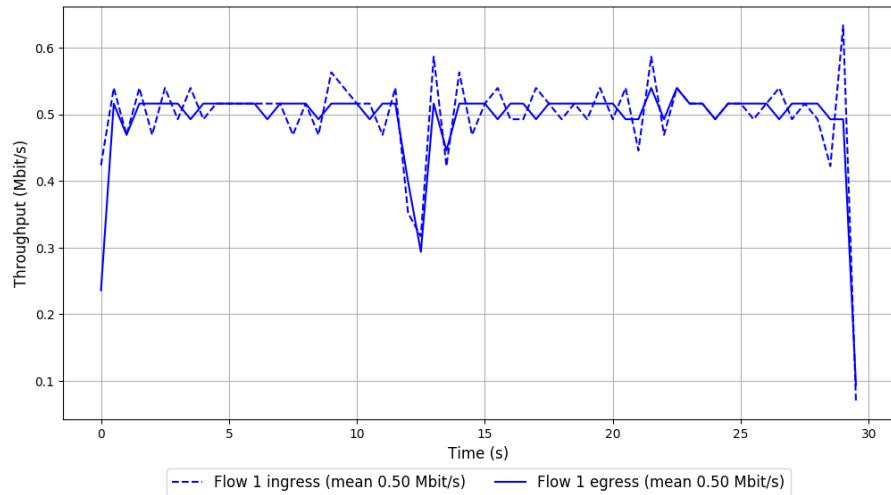


Run 6: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 02:48:04 +0000
End at: Tue, 01 Aug 2017 02:48:34 +0000
Local clock offset: 2.252 ms
Remote clock offset: -34.027 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 227.728 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 227.728 ms
Loss rate: 1.02%
```

Run 6: Report of LEDBAT — Data Link

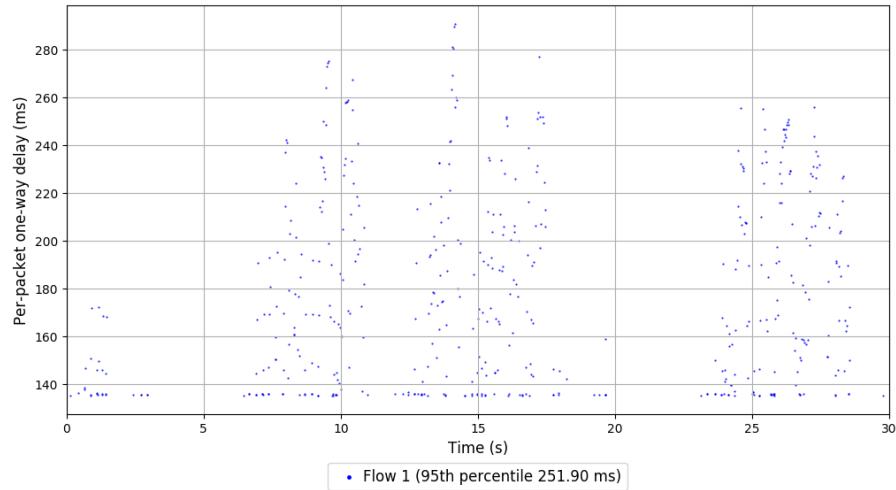
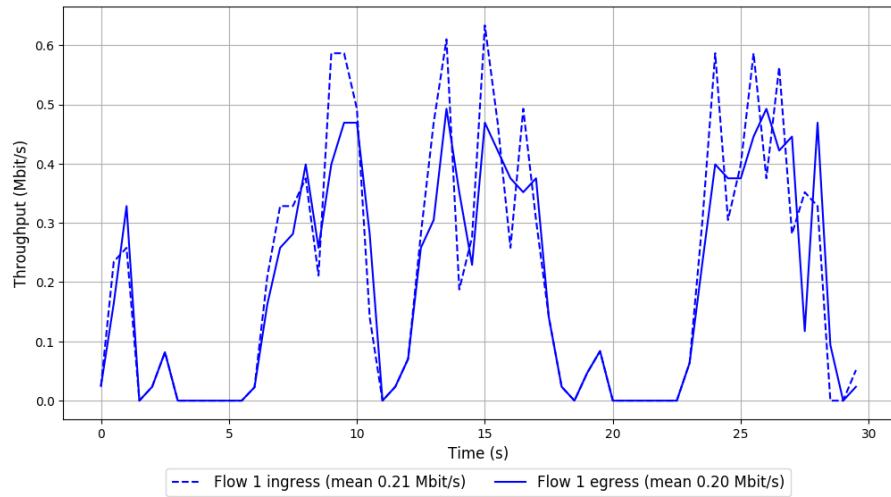


Run 7: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 03:09:39 +0000
End at: Tue, 01 Aug 2017 03:10:09 +0000
Local clock offset: 1.453 ms
Remote clock offset: -65.145 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:52 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 251.897 ms
Loss rate: 7.00%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 251.897 ms
Loss rate: 7.00%
```

Run 7: Report of LEDBAT — Data Link

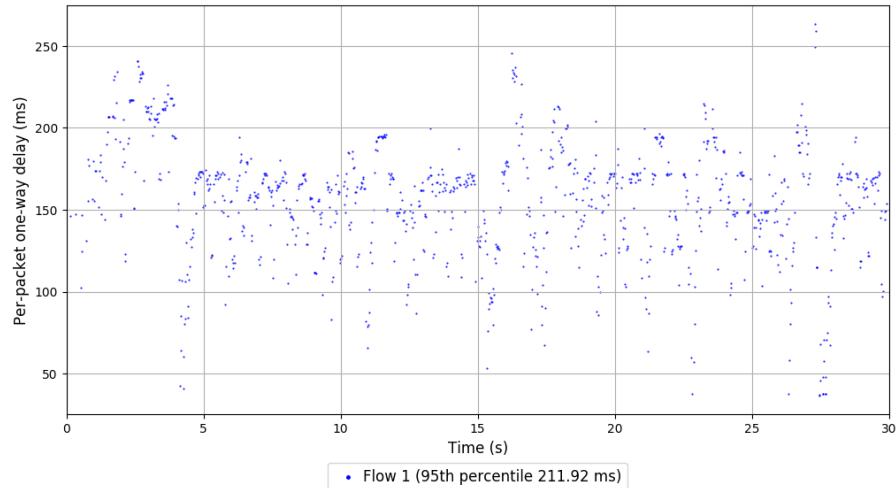
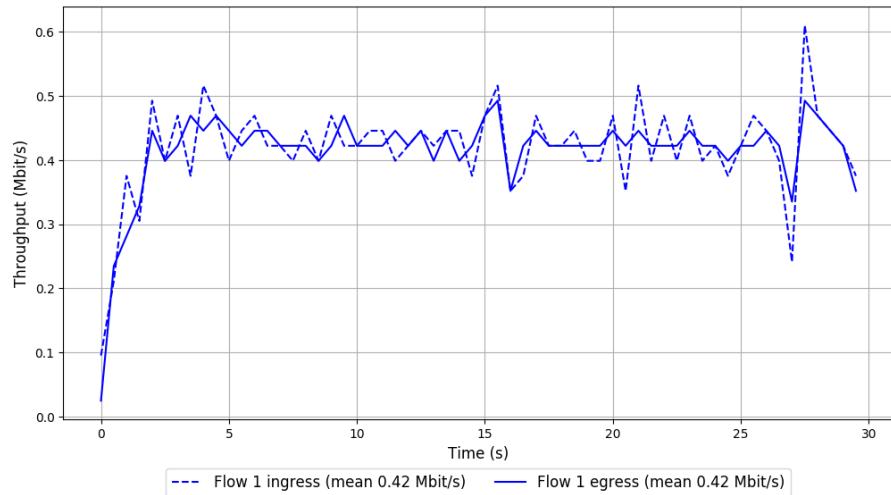


Run 8: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 03:30:13 +0000
End at: Tue, 01 Aug 2017 03:30:43 +0000
Local clock offset: 4.278 ms
Remote clock offset: 36.118 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 211.920 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 211.920 ms
Loss rate: 0.93%
```

Run 8: Report of LEDBAT — Data Link

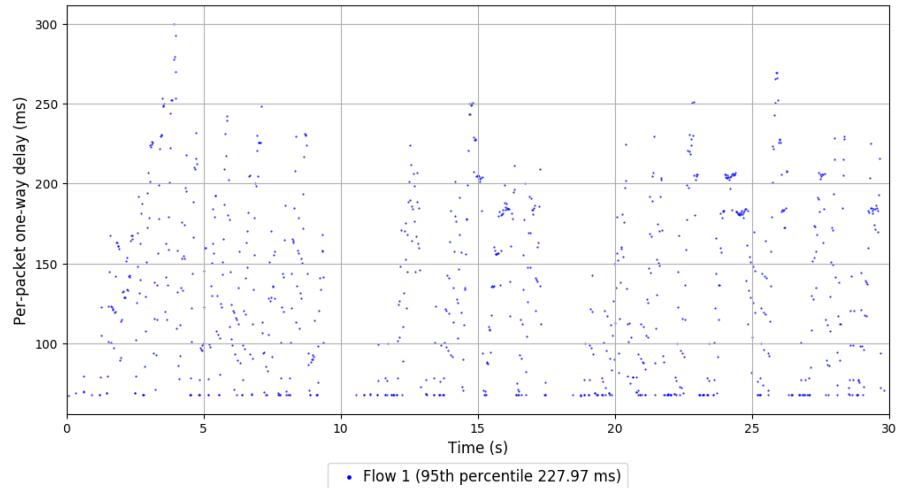
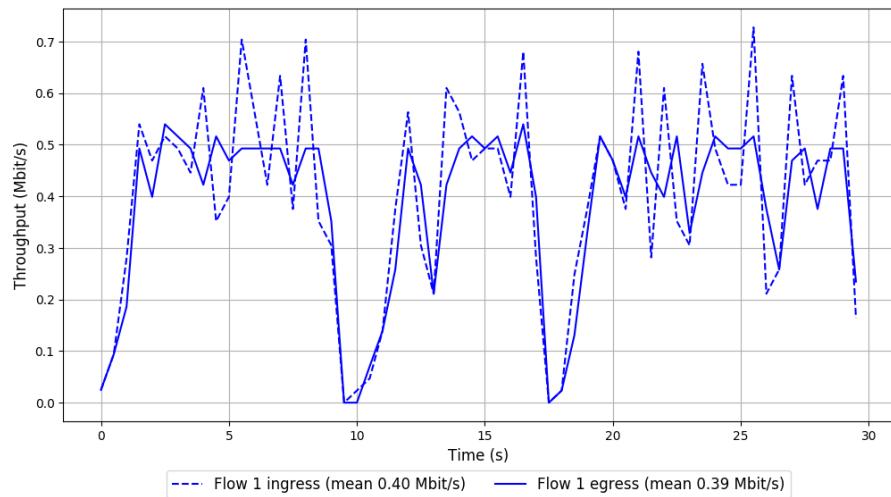


Run 9: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 03:48:38 +0000
End at: Tue, 01 Aug 2017 03:49:08 +0000
Local clock offset: 1.056 ms
Remote clock offset: 2.512 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:53 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 227.969 ms
Loss rate: 4.66%
-- Flow 1:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 227.969 ms
Loss rate: 4.66%
```

Run 9: Report of LEDBAT — Data Link

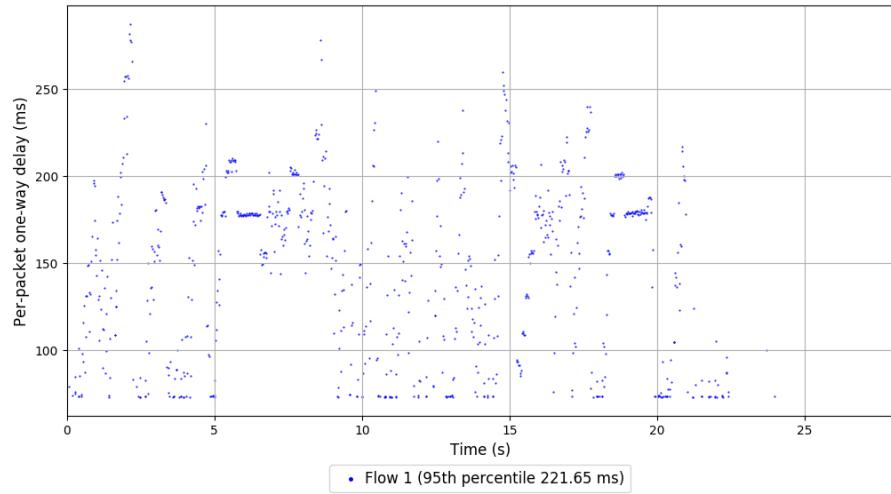
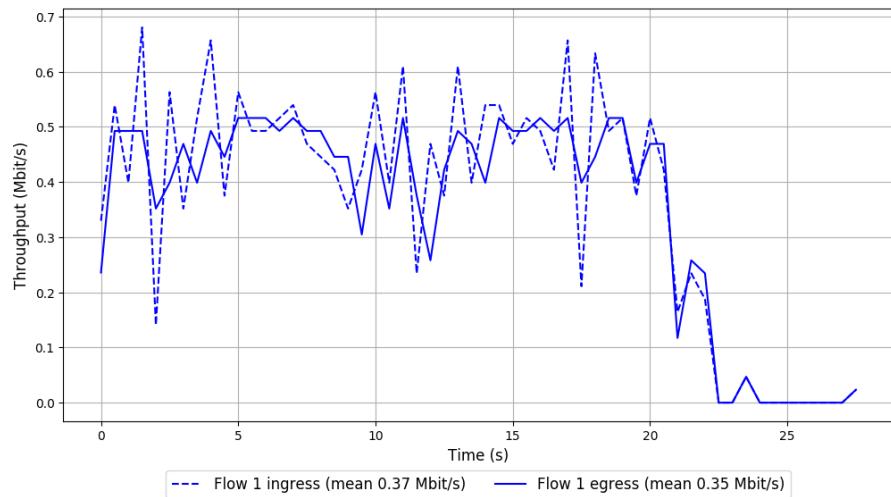


Run 10: Statistics of LEDBAT

```
Start at: Tue, 01 Aug 2017 04:09:53 +0000
End at: Tue, 01 Aug 2017 04:10:23 +0000
Local clock offset: 3.825 ms
Remote clock offset: 4.496 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:54 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 221.652 ms
Loss rate: 3.45%
-- Flow 1:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 221.652 ms
Loss rate: 3.45%
```

Run 10: Report of LEDBAT — Data Link

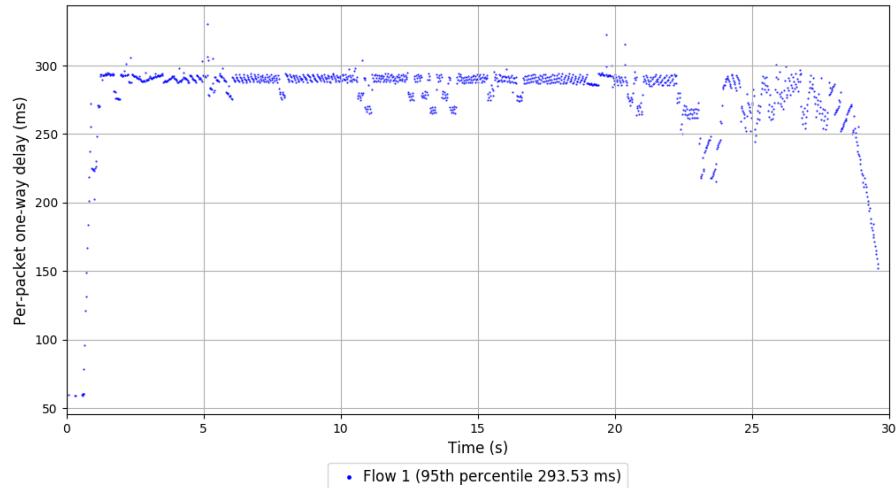
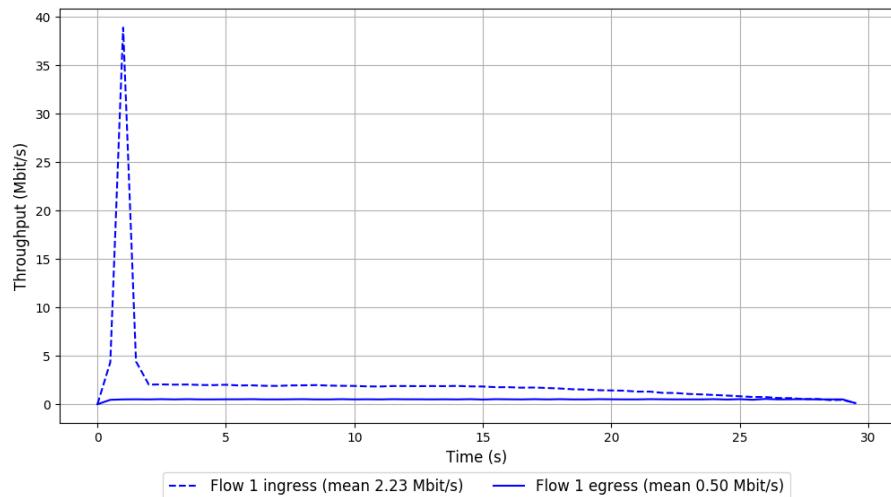


Run 1: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 01:23:31 +0000
End at: Tue, 01 Aug 2017 01:24:01 +0000
Local clock offset: -1.544 ms
Remote clock offset: 6.117 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 293.532 ms
Loss rate: 77.42%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 293.532 ms
Loss rate: 77.42%
```

Run 1: Report of PCC — Data Link

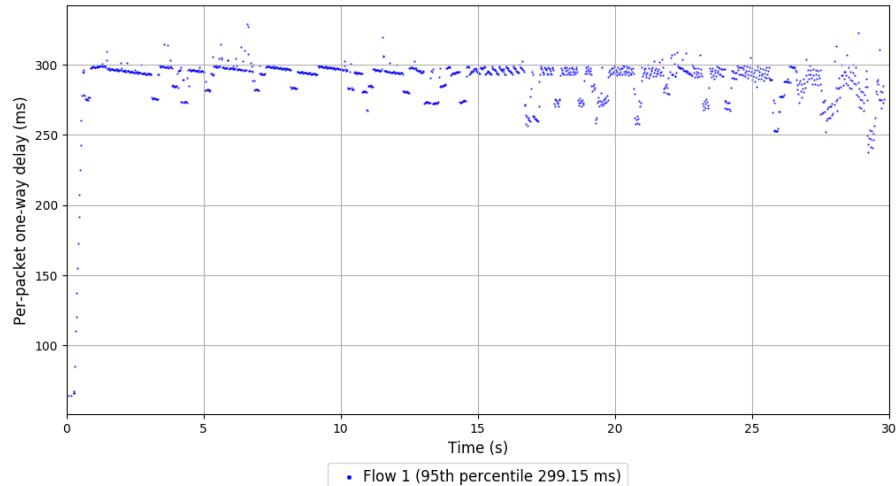
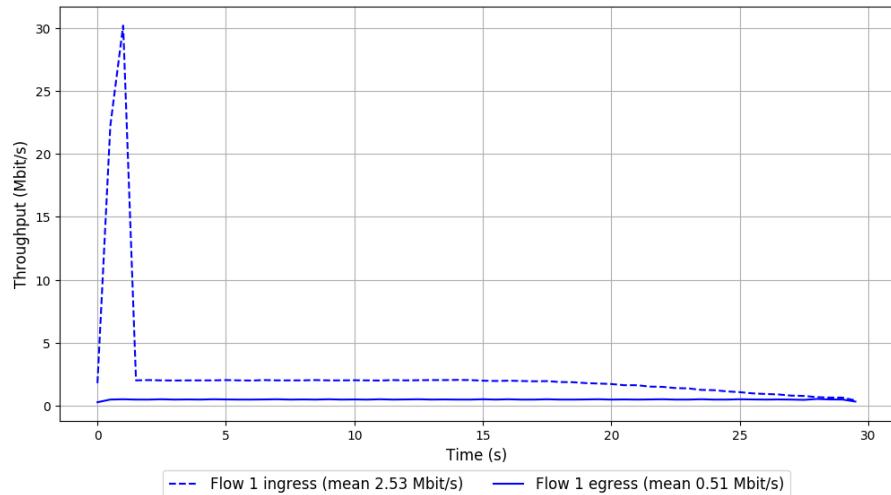


Run 2: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 01:42:45 +0000
End at: Tue, 01 Aug 2017 01:43:15 +0000
Local clock offset: 1.92 ms
Remote clock offset: 4.084 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:55 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 299.146 ms
Loss rate: 79.88%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 299.146 ms
Loss rate: 79.88%
```

Run 2: Report of PCC — Data Link

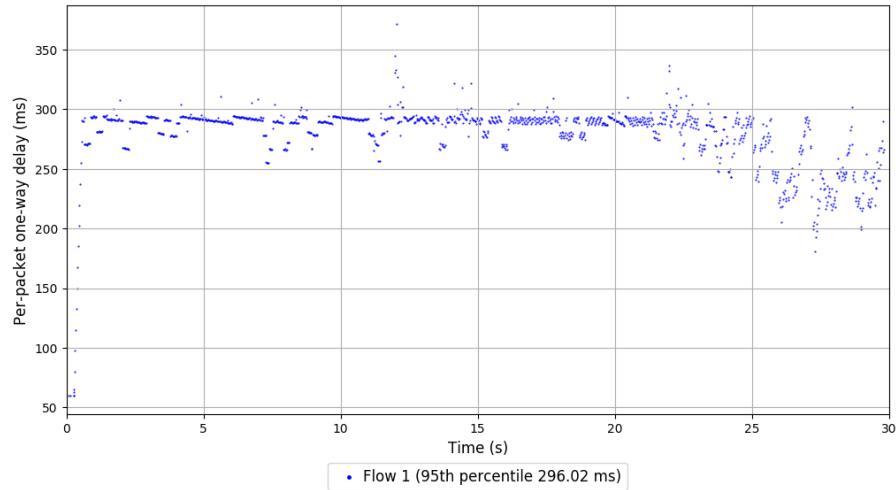
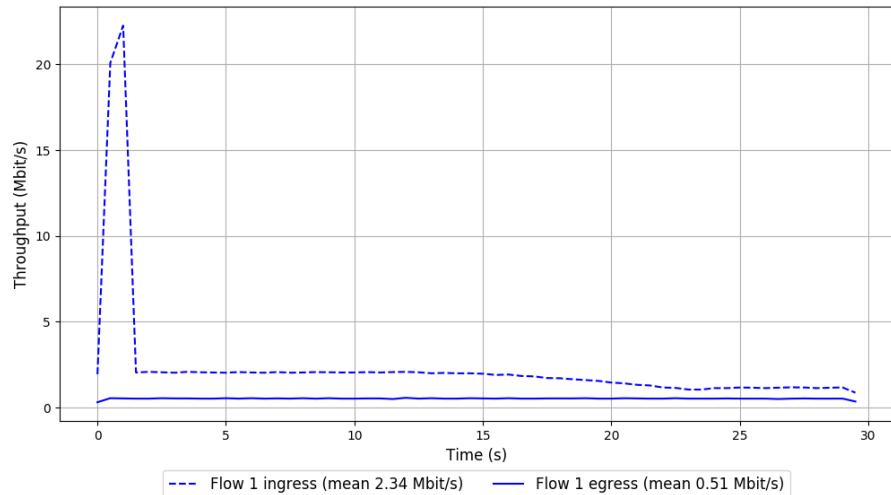


Run 3: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 02:01:18 +0000
End at: Tue, 01 Aug 2017 02:01:48 +0000
Local clock offset: -0.934 ms
Remote clock offset: 5.186 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 296.020 ms
Loss rate: 78.32%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 296.020 ms
Loss rate: 78.32%
```

Run 3: Report of PCC — Data Link

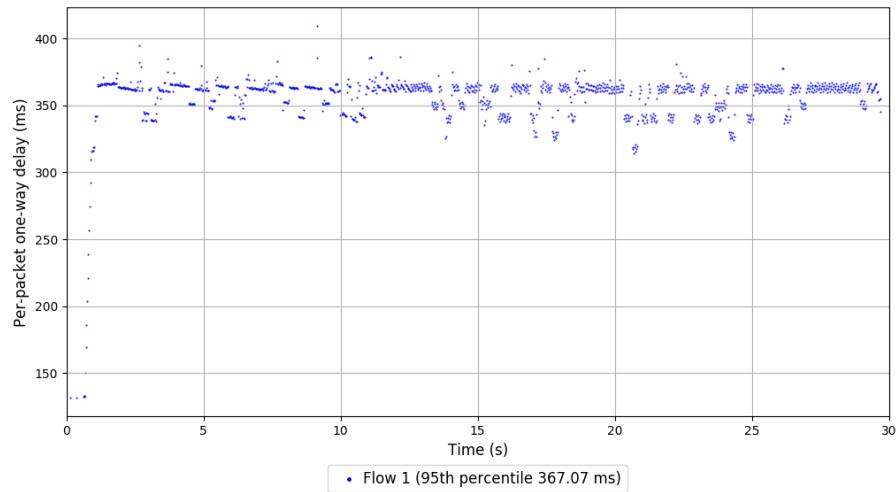
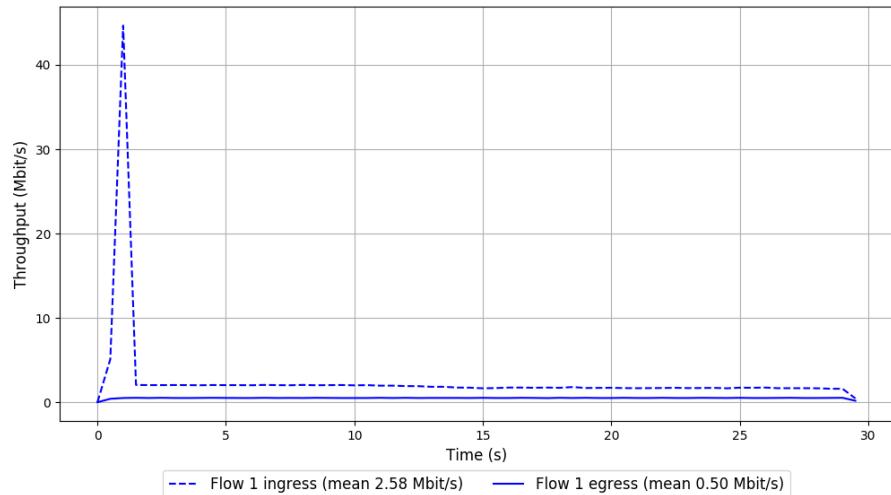


Run 4: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 02:22:39 +0000
End at: Tue, 01 Aug 2017 02:23:09 +0000
Local clock offset: 1.916 ms
Remote clock offset: -63.661 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:56 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 367.072 ms
Loss rate: 80.46%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 367.072 ms
Loss rate: 80.46%
```

Run 4: Report of PCC — Data Link

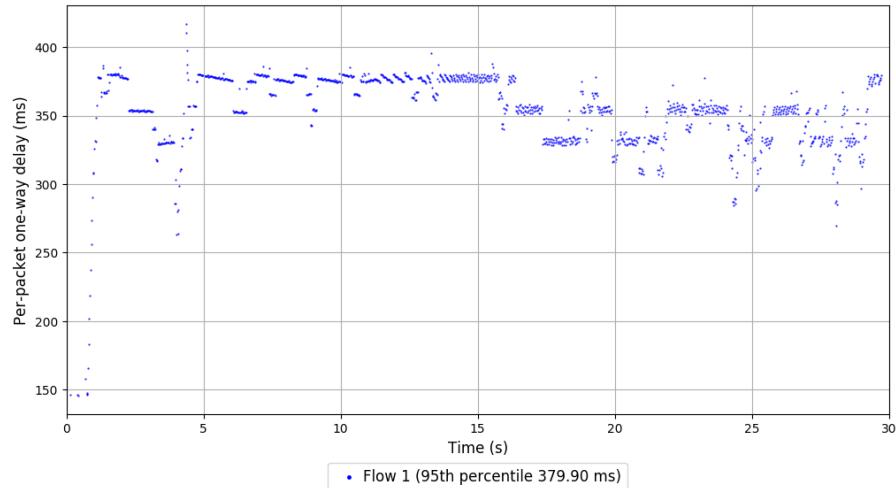
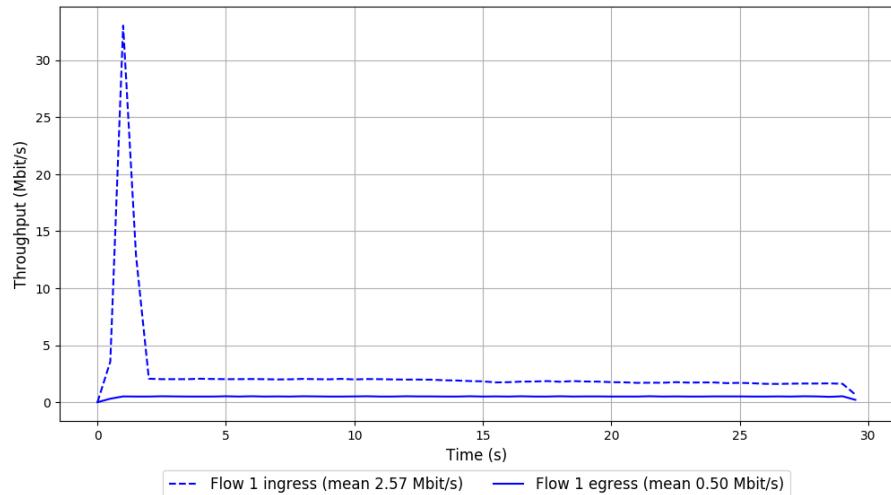


Run 5: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 02:45:37 +0000
End at: Tue, 01 Aug 2017 02:46:07 +0000
Local clock offset: 1.421 ms
Remote clock offset: -76.745 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 379.899 ms
Loss rate: 80.54%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 379.899 ms
Loss rate: 80.54%
```

Run 5: Report of PCC — Data Link

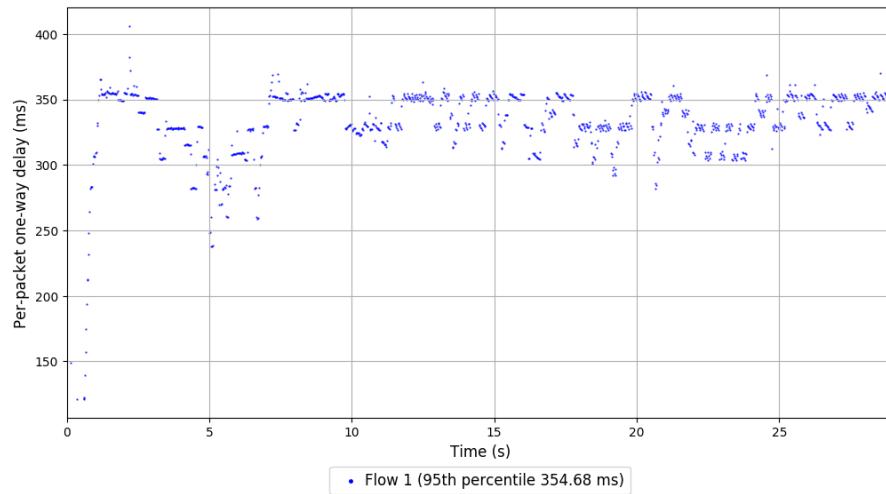
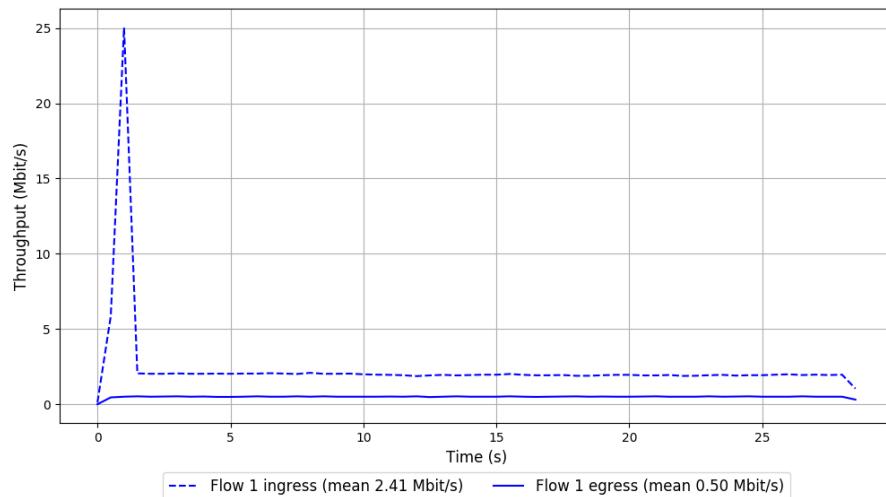


Run 6: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 03:07:07 +0000
End at: Tue, 01 Aug 2017 03:07:37 +0000
Local clock offset: 1.979 ms
Remote clock offset: -50.217 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:57 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 354.678 ms
Loss rate: 79.20%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 354.678 ms
Loss rate: 79.20%
```

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: Tue, 01 Aug 2017 03:28:48 +0000

End at: Tue, 01 Aug 2017 03:29:18 +0000

Local clock offset: 3.514 ms

Remote clock offset: 26.943 ms

Below is generated by plot.py at Tue, 01 Aug 2017 04:31:58 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 284.032 ms

Loss rate: 75.36%

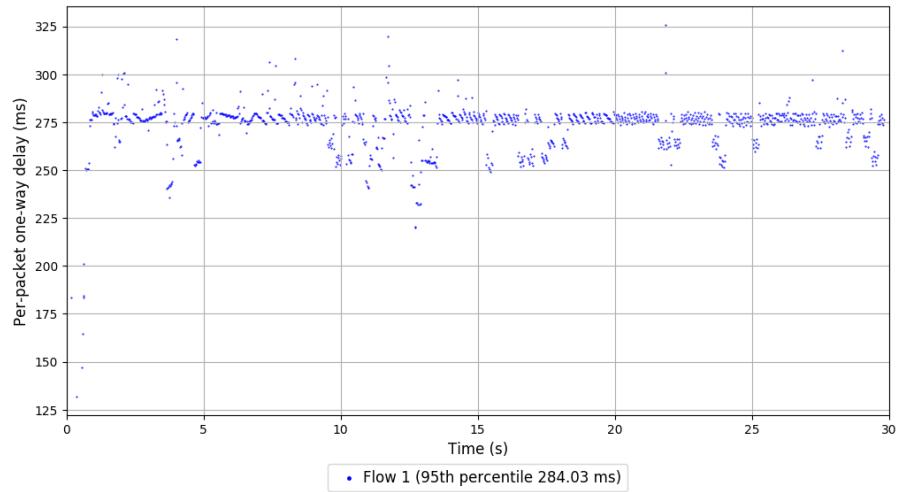
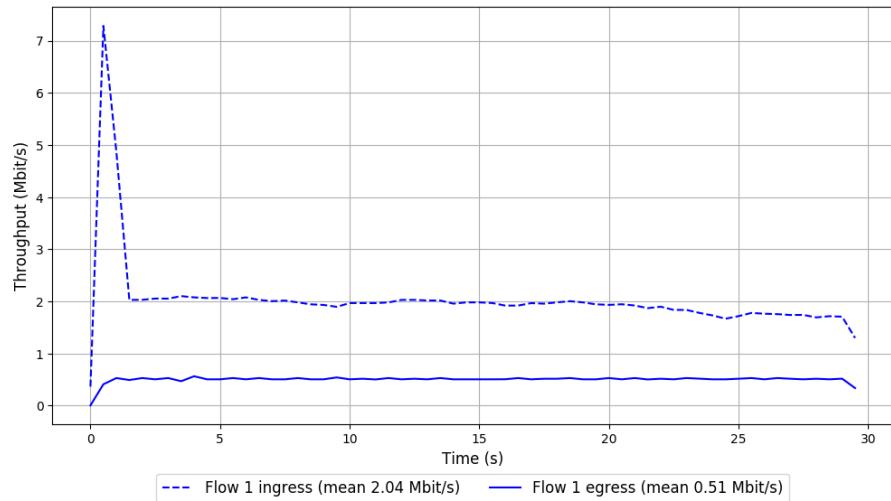
-- Flow 1:

Average throughput: 0.51 Mbit/s

95th percentile per-packet one-way delay: 284.032 ms

Loss rate: 75.36%

Run 7: Report of PCC — Data Link

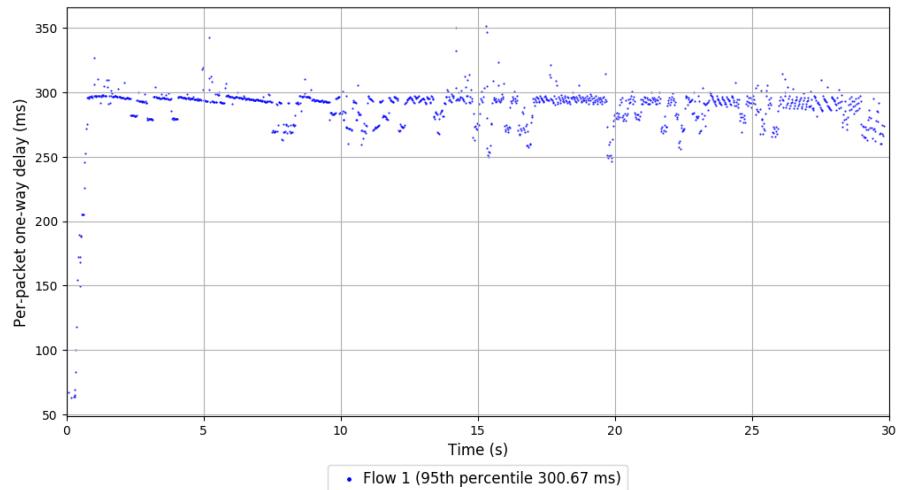
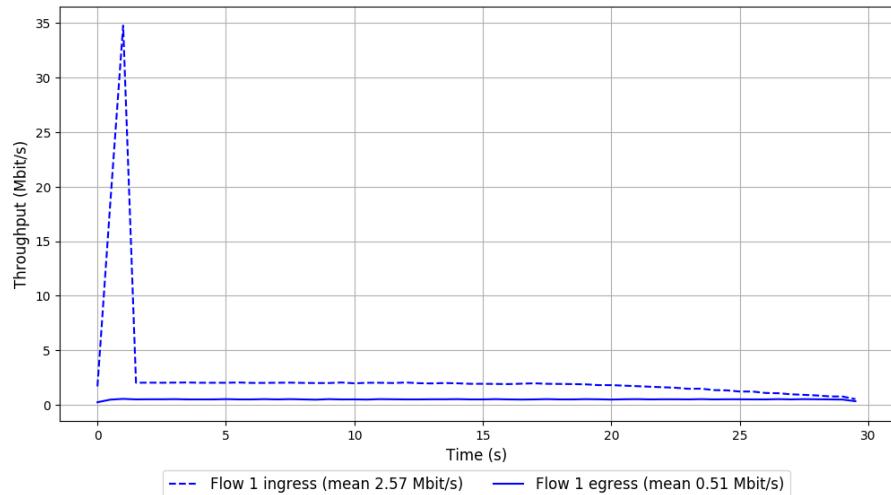


Run 8: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 03:47:11 +0000
End at: Tue, 01 Aug 2017 03:47:41 +0000
Local clock offset: 4.451 ms
Remote clock offset: 10.949 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:58 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 300.667 ms
Loss rate: 80.35%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 300.667 ms
Loss rate: 80.35%
```

Run 8: Report of PCC — Data Link

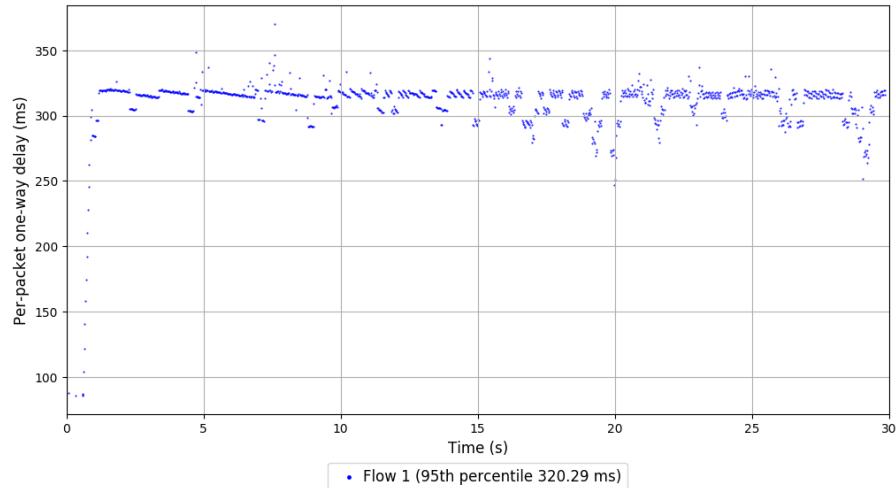
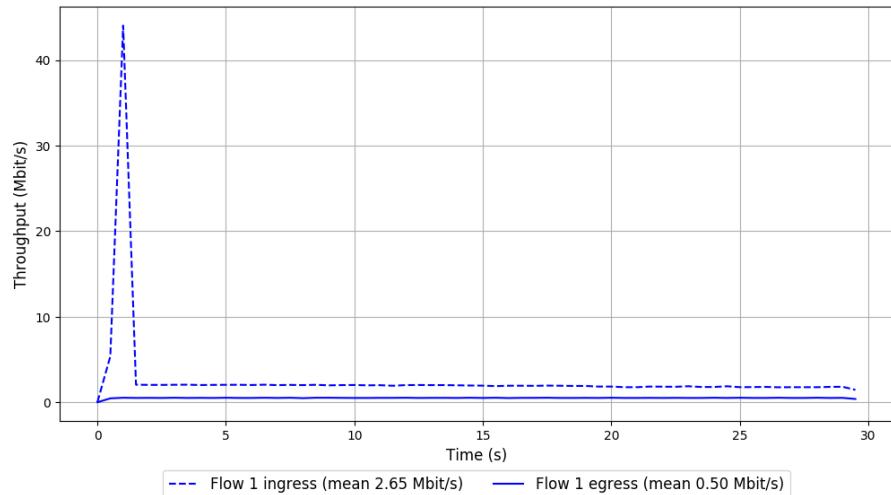


Run 9: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 04:08:20 +0000
End at: Tue, 01 Aug 2017 04:08:50 +0000
Local clock offset: 4.803 ms
Remote clock offset: -6.697 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 320.291 ms
Loss rate: 81.03%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 320.291 ms
Loss rate: 81.03%
```

Run 9: Report of PCC — Data Link

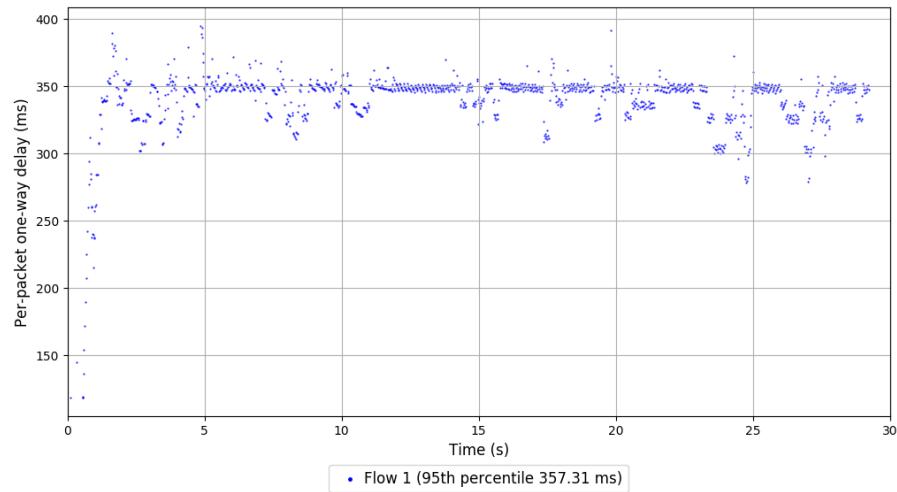
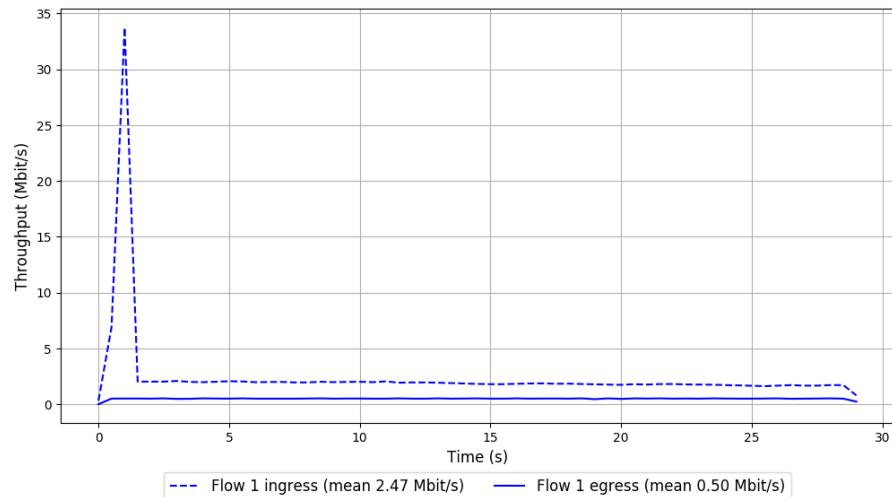


Run 10: Statistics of PCC

```
Start at: Tue, 01 Aug 2017 04:28:13 +0000
End at: Tue, 01 Aug 2017 04:28:43 +0000
Local clock offset: 1.888 ms
Remote clock offset: -50.498 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:31:59 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 357.305 ms
Loss rate: 79.69%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 357.305 ms
Loss rate: 79.69%
```

Run 10: Report of PCC — Data Link

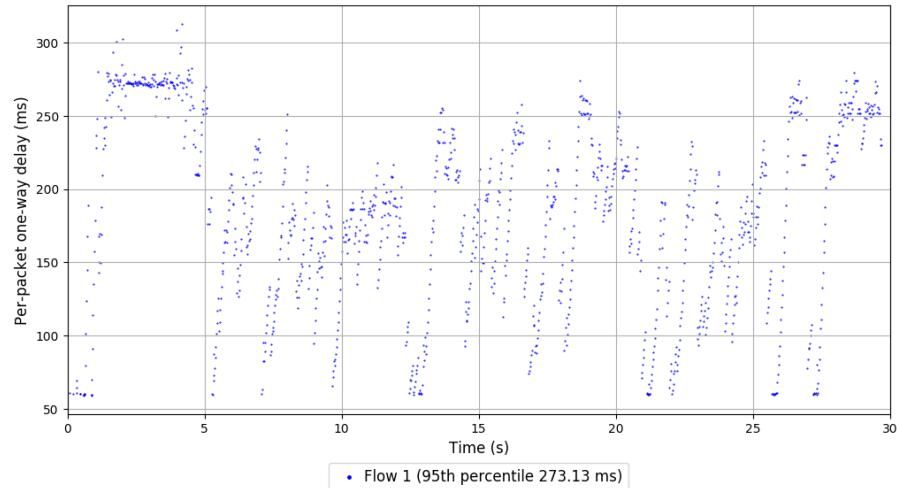
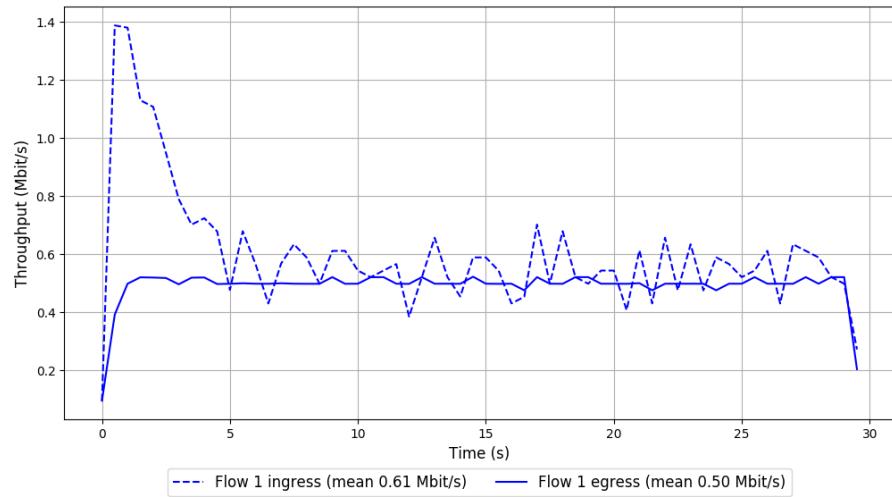


Run 1: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 01:19:16 +0000
End at: Tue, 01 Aug 2017 01:19:46 +0000
Local clock offset: -1.976 ms
Remote clock offset: 4.755 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:00 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 273.126 ms
Loss rate: 18.31%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 273.126 ms
Loss rate: 18.31%
```

Run 1: Report of QUIC Cubic — Data Link

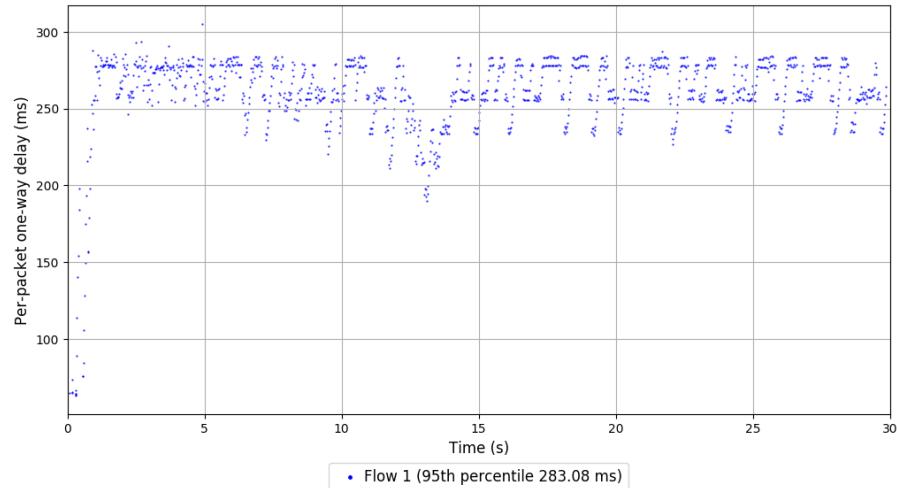
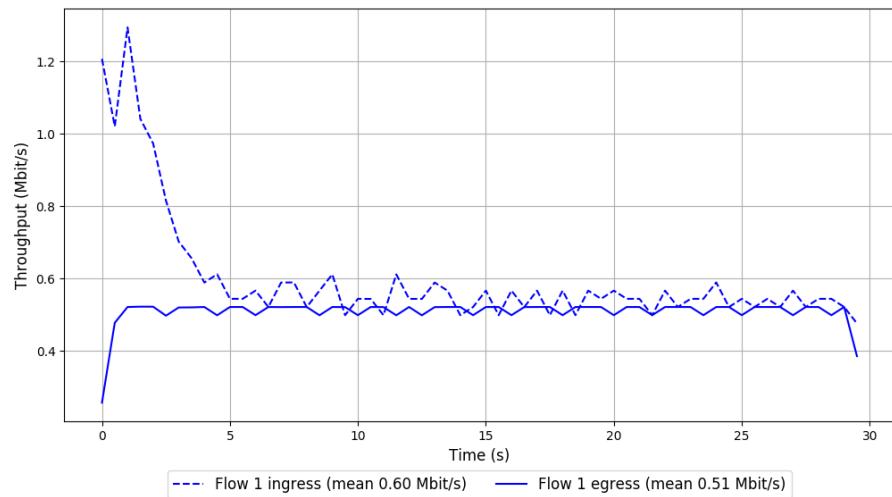


Run 2: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 01:38:56 +0000
End at: Tue, 01 Aug 2017 01:39:27 +0000
Local clock offset: 1.876 ms
Remote clock offset: 4.387 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 283.078 ms
Loss rate: 15.53%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 283.078 ms
Loss rate: 15.53%
```

Run 2: Report of QUIC Cubic — Data Link

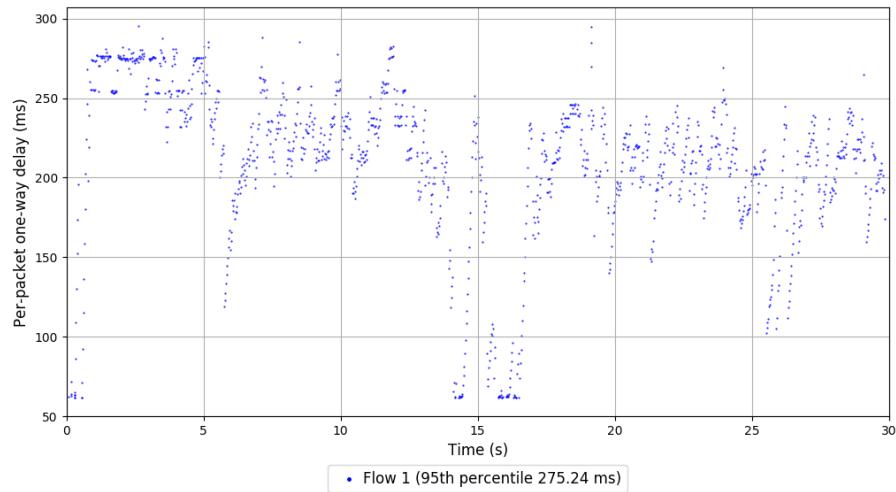
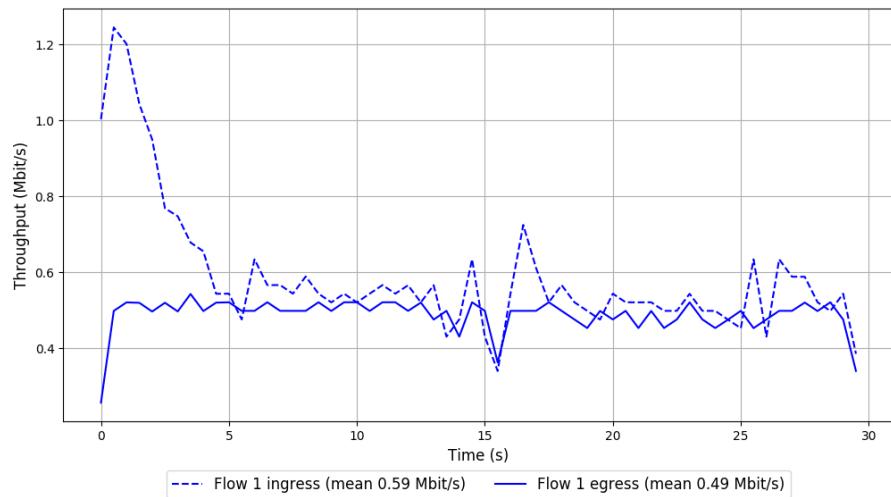


Run 3: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 01:57:31 +0000
End at: Tue, 01 Aug 2017 01:58:01 +0000
Local clock offset: 0.69 ms
Remote clock offset: 5.101 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:01 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 275.240 ms
Loss rate: 17.12%
-- Flow 1:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 275.240 ms
Loss rate: 17.12%
```

Run 3: Report of QUIC Cubic — Data Link

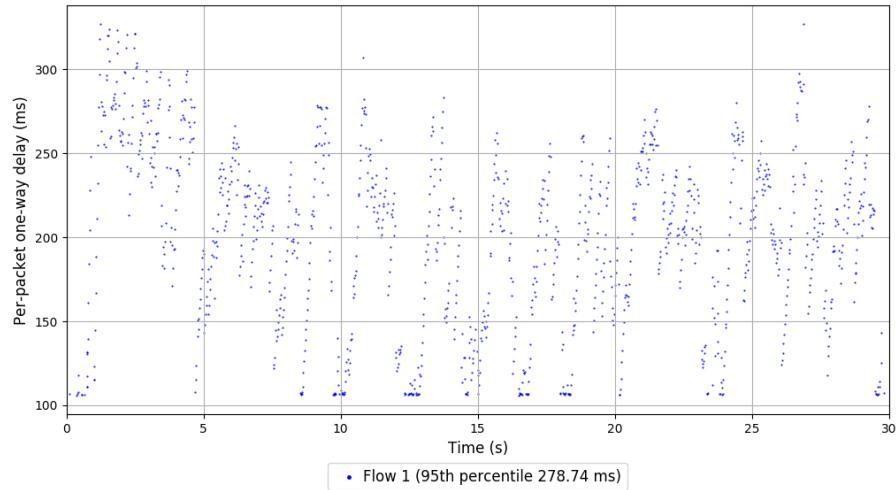
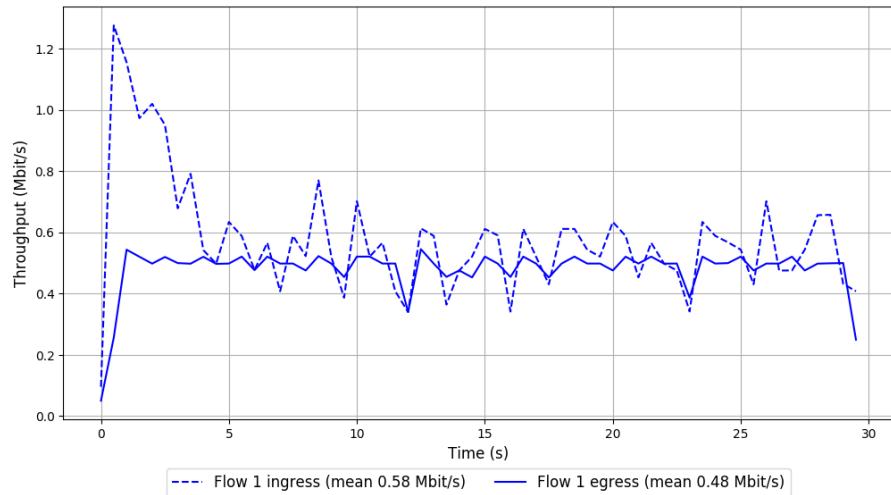


Run 4: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 02:18:11 +0000
End at: Tue, 01 Aug 2017 02:18:41 +0000
Local clock offset: 1.834 ms
Remote clock offset: -37.411 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 278.737 ms
Loss rate: 16.83%
-- Flow 1:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 278.737 ms
Loss rate: 16.83%
```

Run 4: Report of QUIC Cubic — Data Link

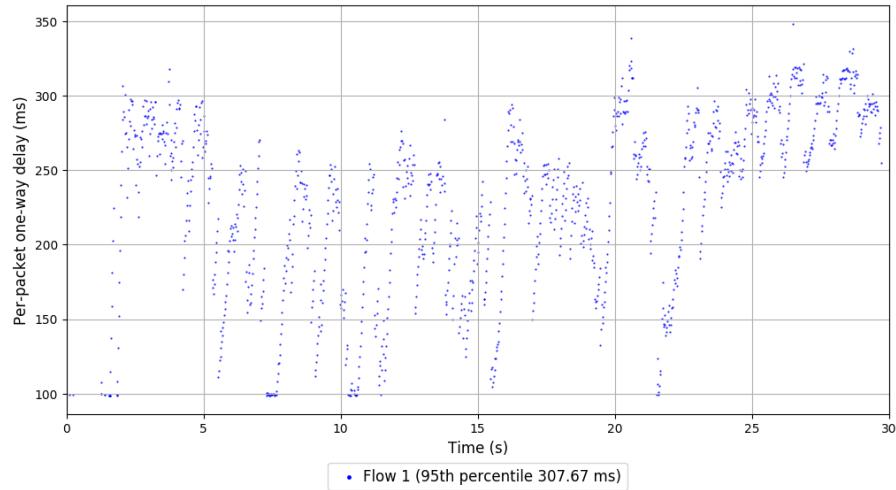
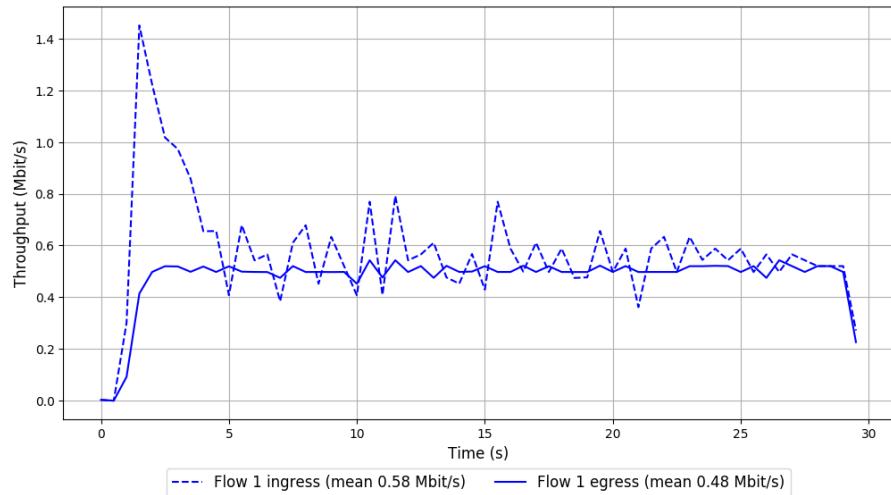


Run 5: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 02:41:30 +0000
End at: Tue, 01 Aug 2017 02:42:00 +0000
Local clock offset: 0.171 ms
Remote clock offset: -32.49 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:02 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 307.665 ms
Loss rate: 16.87%
-- Flow 1:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 307.665 ms
Loss rate: 16.87%
```

Run 5: Report of QUIC Cubic — Data Link

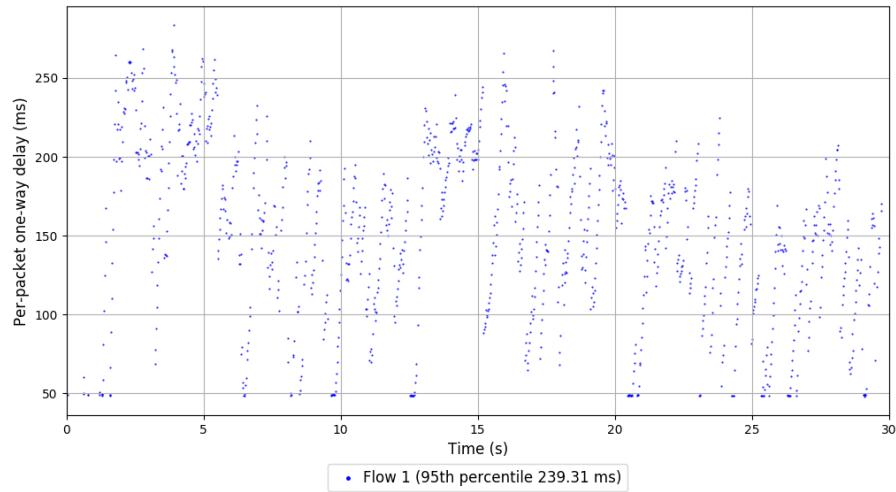
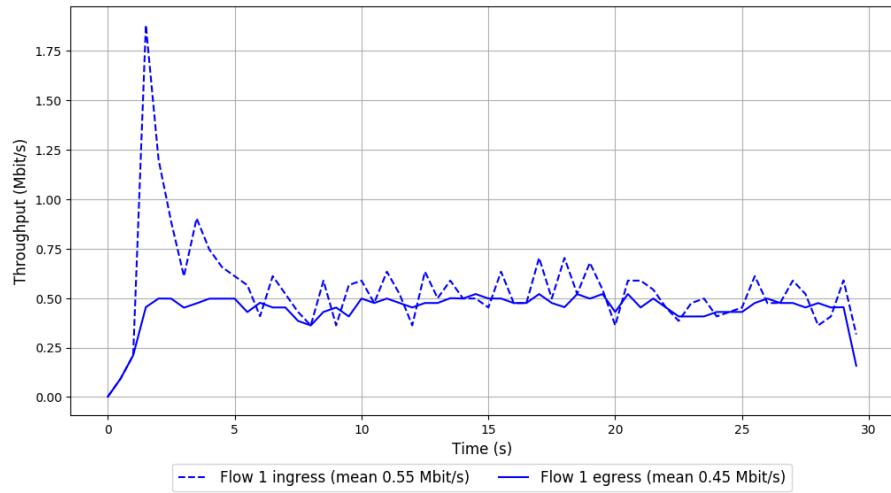


Run 6: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 03:02:35 +0000
End at: Tue, 01 Aug 2017 03:03:05 +0000
Local clock offset: -0.515 ms
Remote clock offset: 19.168 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:03 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 239.310 ms
Loss rate: 18.70%
-- Flow 1:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 239.310 ms
Loss rate: 18.70%
```

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: Tue, 01 Aug 2017 03:24:30 +0000

End at: Tue, 01 Aug 2017 03:25:00 +0000

Local clock offset: 2.945 ms

Remote clock offset: -86.242 ms

Below is generated by plot.py at Tue, 01 Aug 2017 04:32:03 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.42 Mbit/s

95th percentile per-packet one-way delay: 313.406 ms

Loss rate: 16.90%

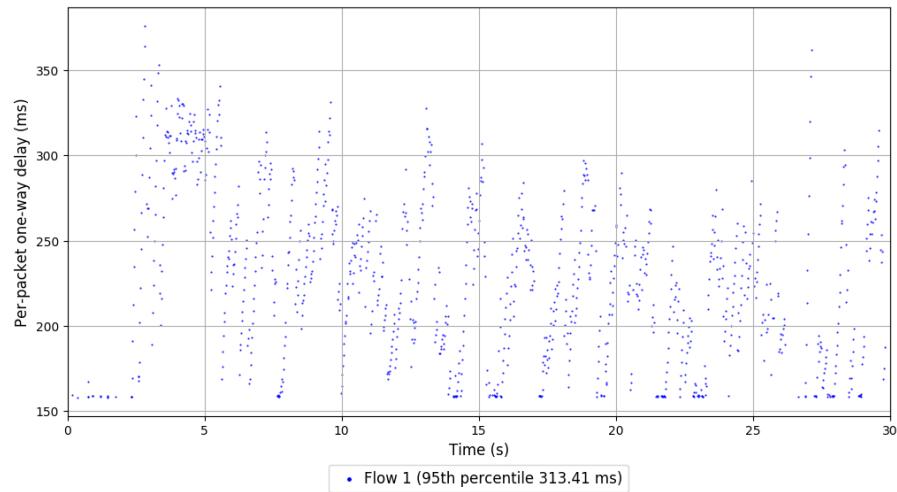
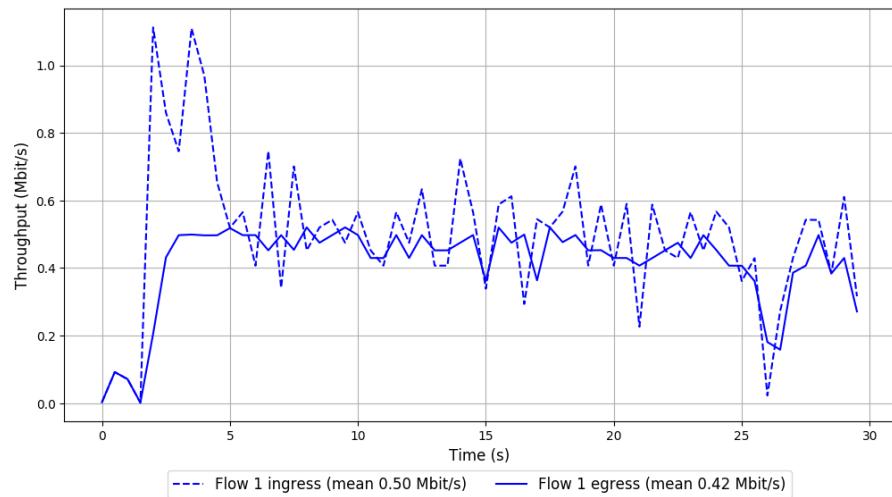
-- Flow 1:

Average throughput: 0.42 Mbit/s

95th percentile per-packet one-way delay: 313.406 ms

Loss rate: 16.90%

Run 7: Report of QUIC Cubic — Data Link

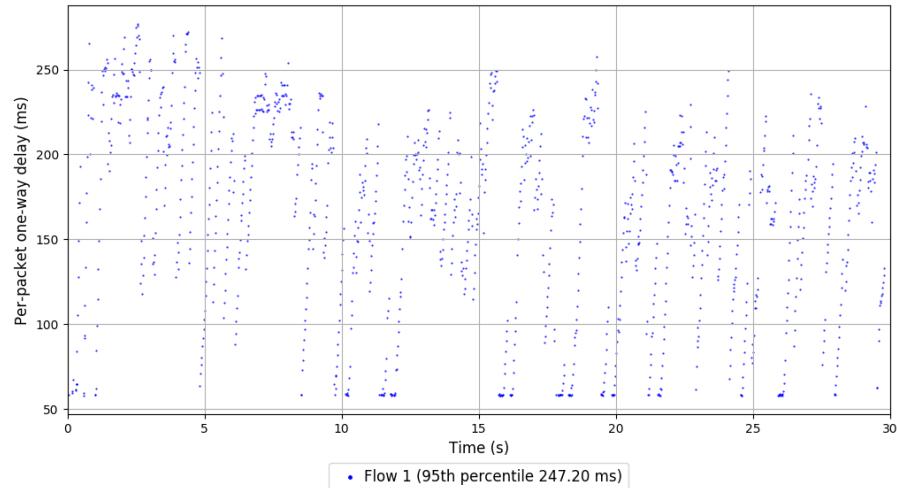
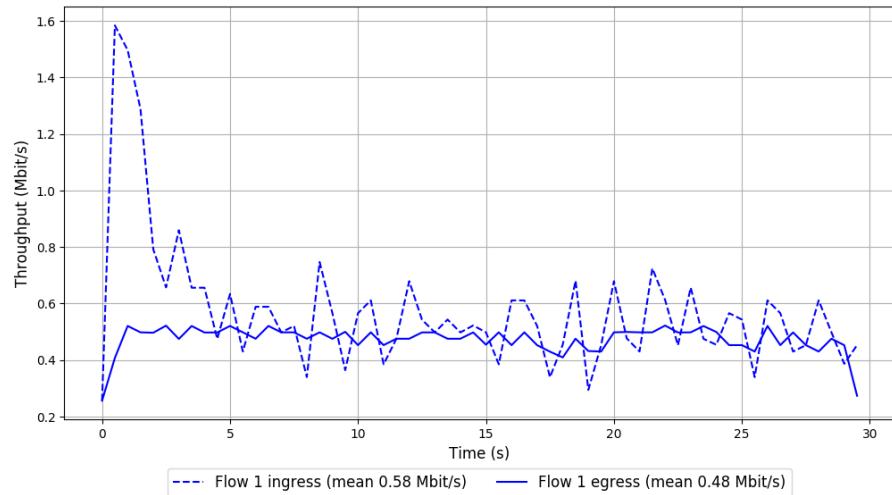


Run 8: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 03:43:14 +0000
End at: Tue, 01 Aug 2017 03:43:44 +0000
Local clock offset: 0.678 ms
Remote clock offset: 13.059 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 247.202 ms
Loss rate: 17.87%
-- Flow 1:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 247.202 ms
Loss rate: 17.87%
```

Run 8: Report of QUIC Cubic — Data Link

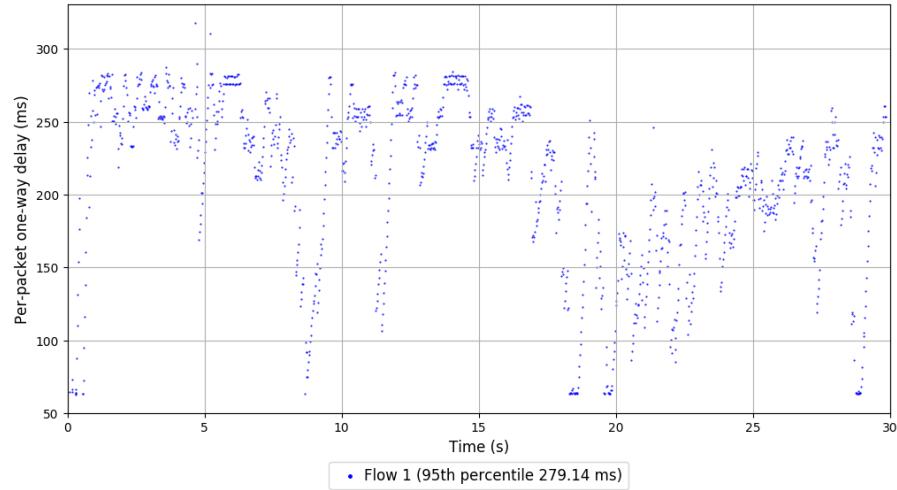
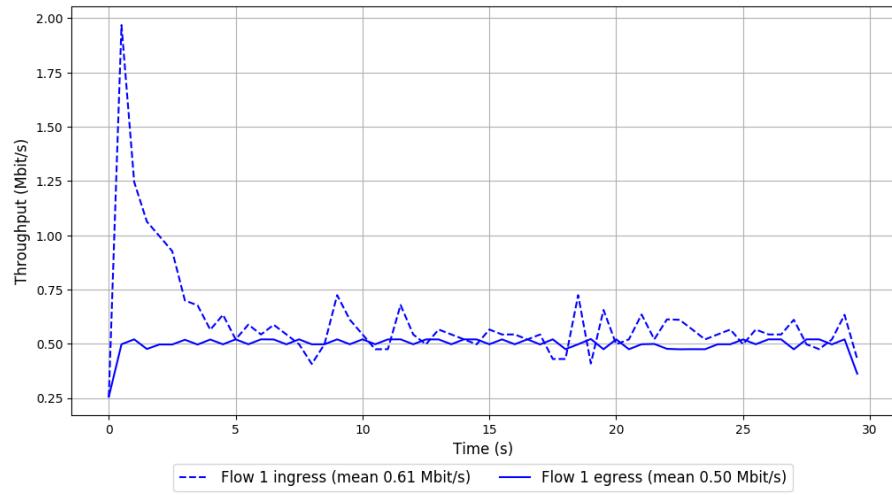


Run 9: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 04:03:29 +0000
End at: Tue, 01 Aug 2017 04:03:59 +0000
Local clock offset: 3.432 ms
Remote clock offset: 8.003 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:04 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 279.137 ms
Loss rate: 17.40%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 279.137 ms
Loss rate: 17.40%
```

Run 9: Report of QUIC Cubic — Data Link

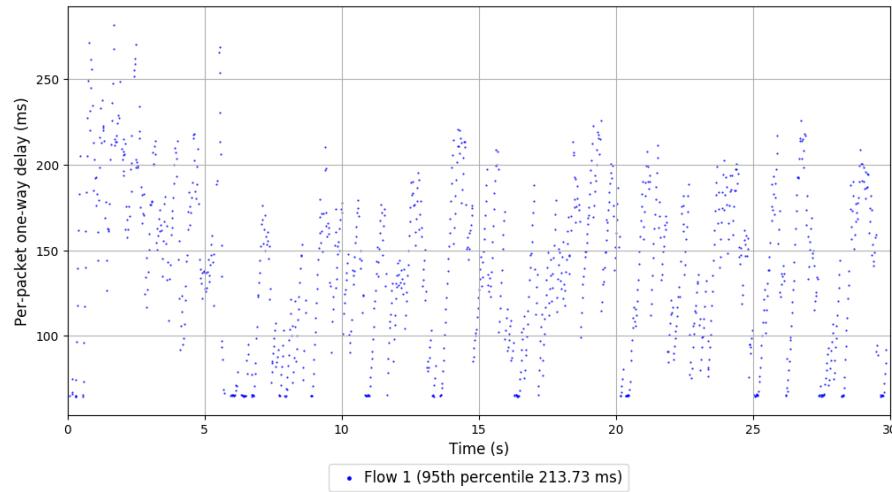
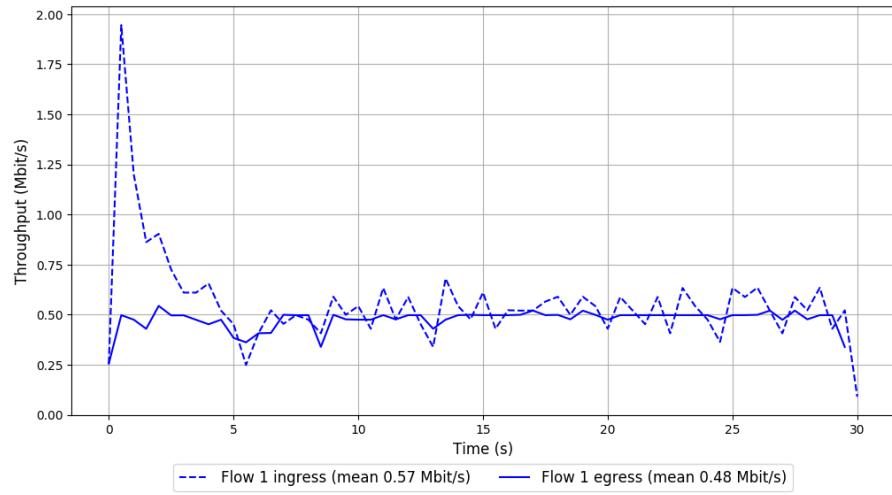


Run 10: Statistics of QUIC Cubic

```
Start at: Tue, 01 Aug 2017 04:23:15 +0000
End at: Tue, 01 Aug 2017 04:23:45 +0000
Local clock offset: 3.554 ms
Remote clock offset: 4.727 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:05 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 213.727 ms
Loss rate: 15.95%
-- Flow 1:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 213.727 ms
Loss rate: 15.95%
```

Run 10: Report of QUIC Cubic — Data Link

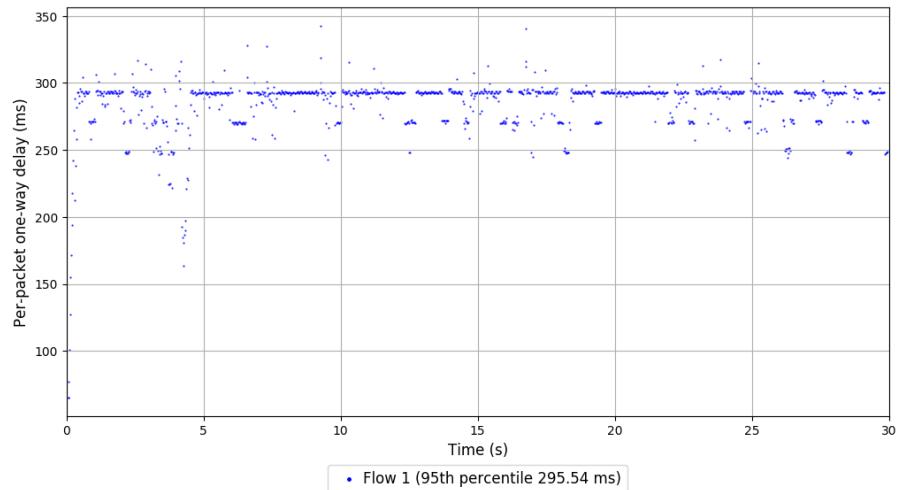
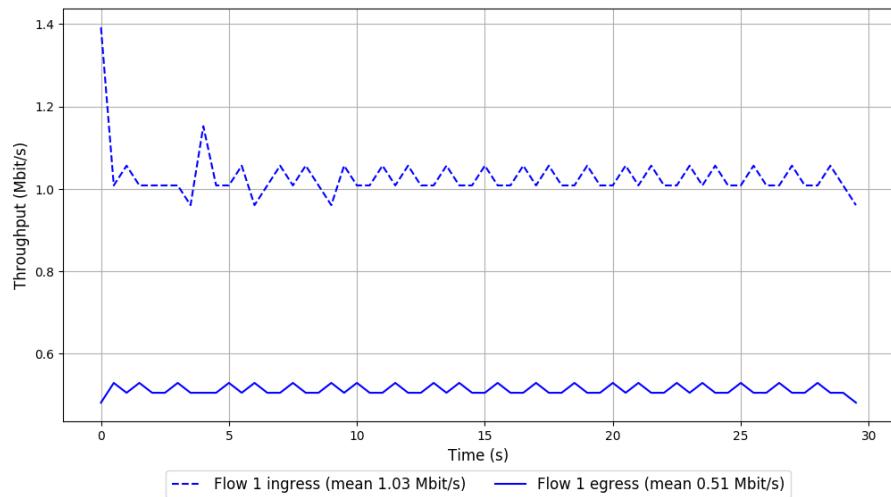


Run 1: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 01:10:59 +0000
End at: Tue, 01 Aug 2017 01:11:29 +0000
Local clock offset: 2.008 ms
Remote clock offset: 6.028 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 295.535 ms
Loss rate: 50.27%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 295.535 ms
Loss rate: 50.27%
```

Run 1: Report of Saturator — Data Link

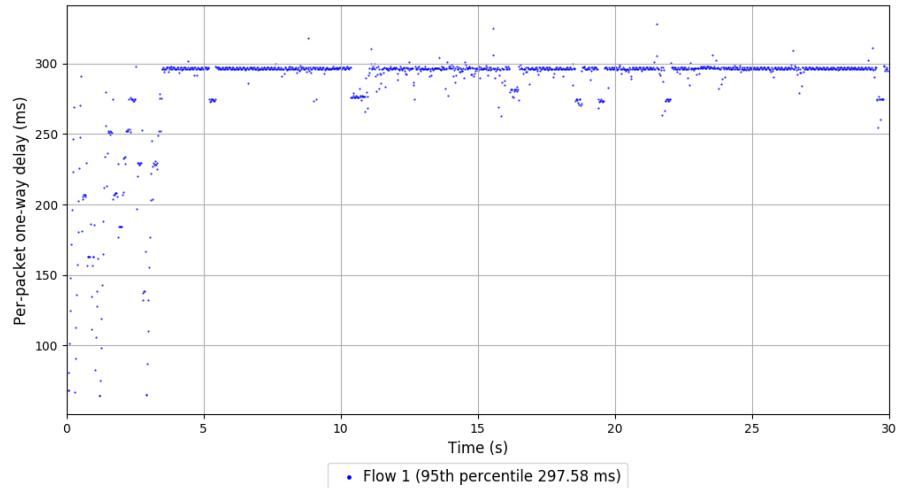
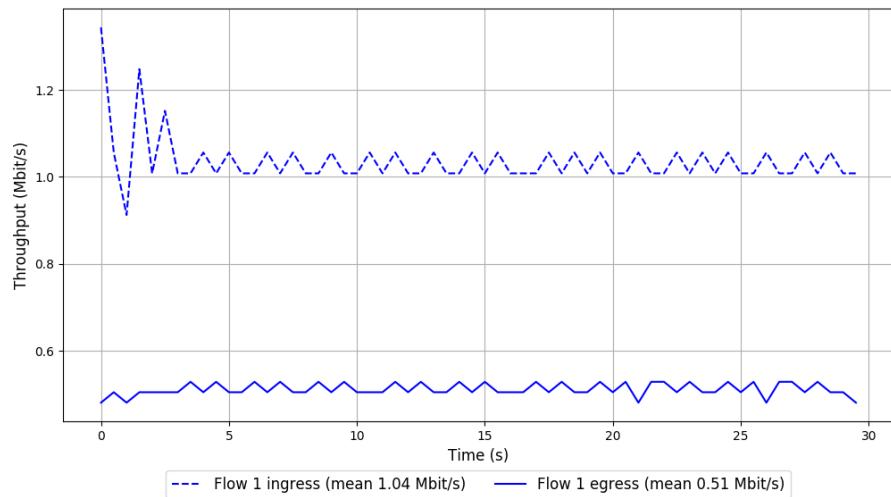


Run 2: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 01:30:24 +0000
End at: Tue, 01 Aug 2017 01:30:54 +0000
Local clock offset: 1.582 ms
Remote clock offset: 4.203 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:06 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 297.577 ms
Loss rate: 50.66%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 297.577 ms
Loss rate: 50.66%
```

Run 2: Report of Saturator — Data Link

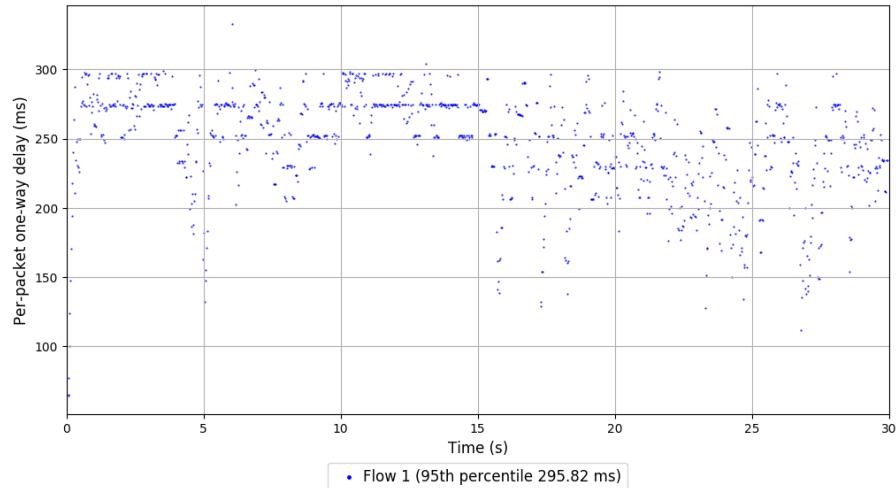
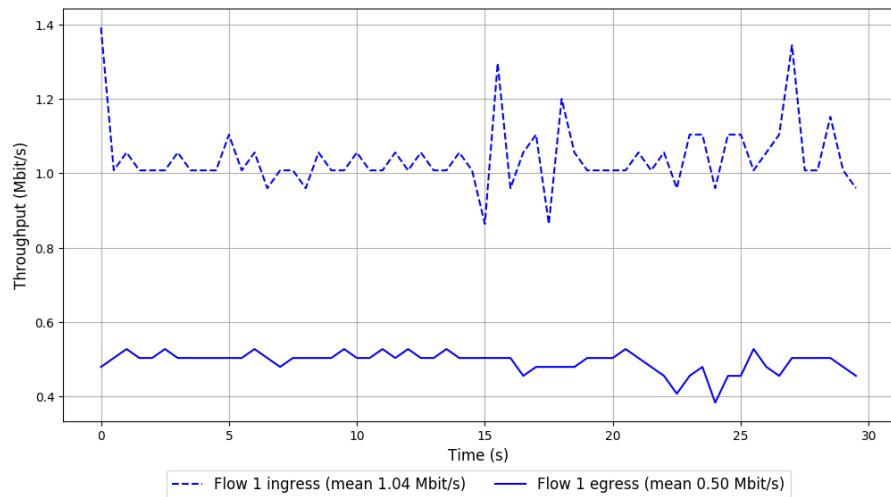


Run 3: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 01:49:10 +0000
End at: Tue, 01 Aug 2017 01:49:40 +0000
Local clock offset: 1.724 ms
Remote clock offset: 4.42 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:07 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 295.819 ms
Loss rate: 52.57%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 295.819 ms
Loss rate: 52.57%
```

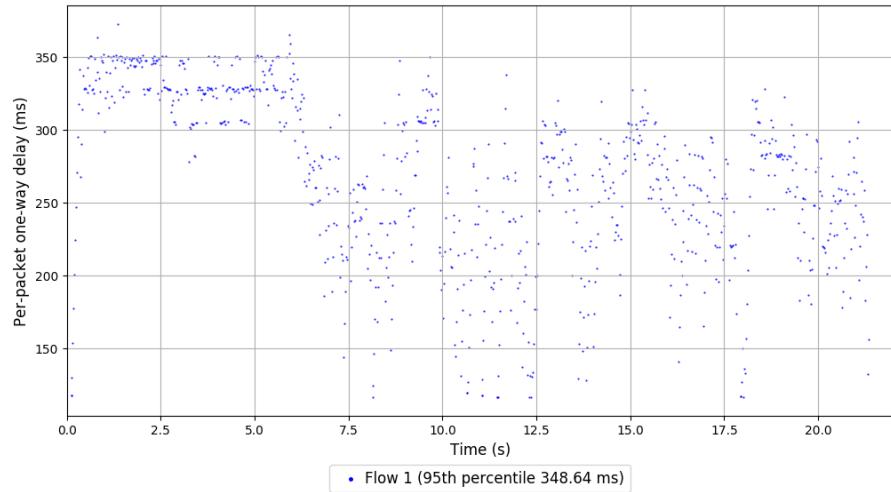
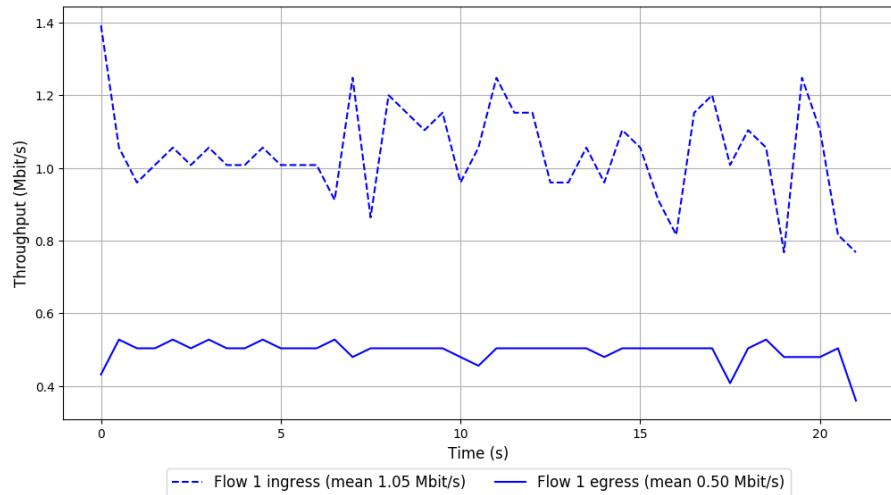
Run 3: Report of Saturator — Data Link



Run 4: Statistics of Saturator

Start at: Tue, 01 Aug 2017 02:09:37 +0000
End at: Tue, 01 Aug 2017 02:10:07 +0000
Local clock offset: 1.065 ms
Remote clock offset: -49.096 ms

Run 4: Report of Saturator — Data Link

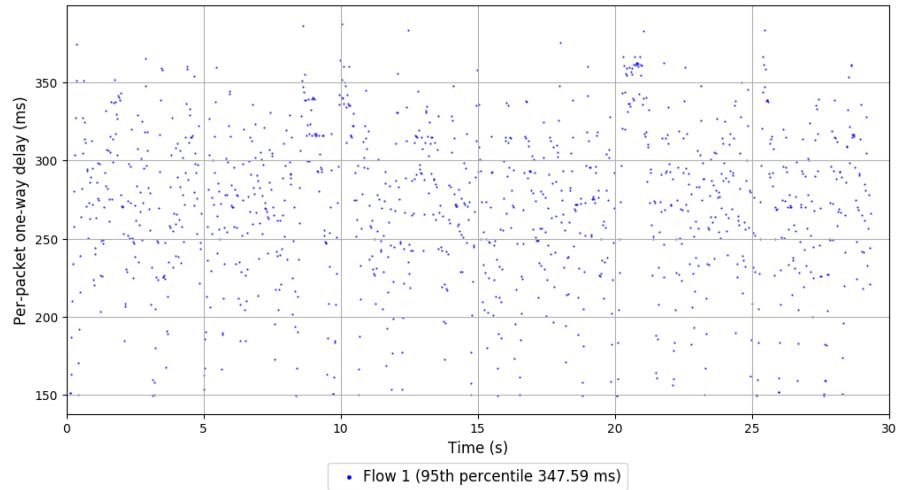
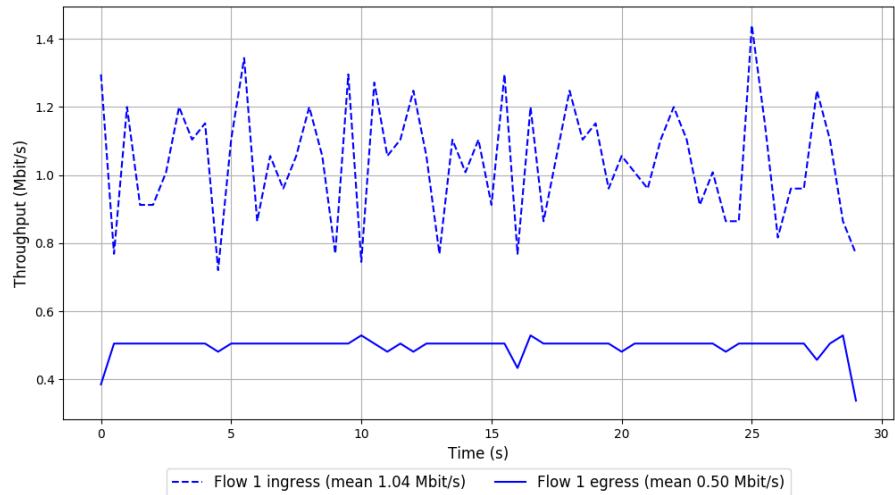


Run 5: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 02:30:08 +0000
End at: Tue, 01 Aug 2017 02:30:38 +0000
Local clock offset: 2.683 ms
Remote clock offset: -80.911 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 347.589 ms
Loss rate: 52.31%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 347.589 ms
Loss rate: 52.31%
```

Run 5: Report of Saturator — Data Link

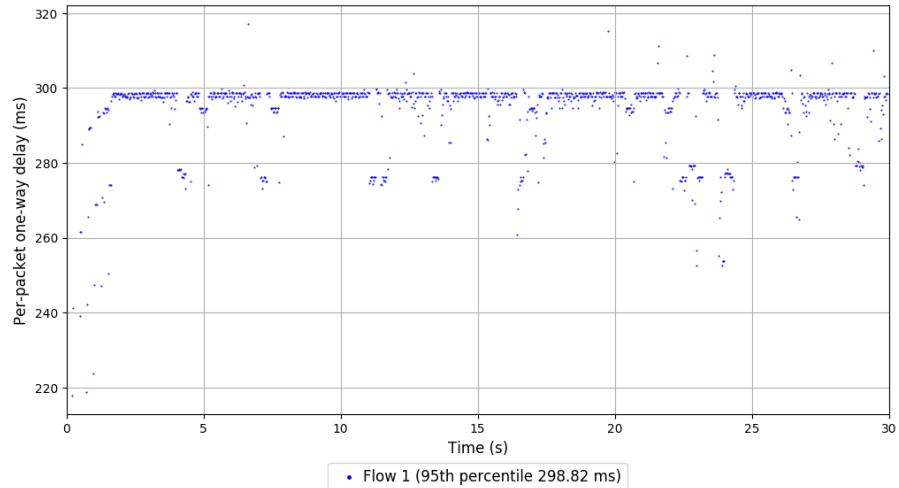
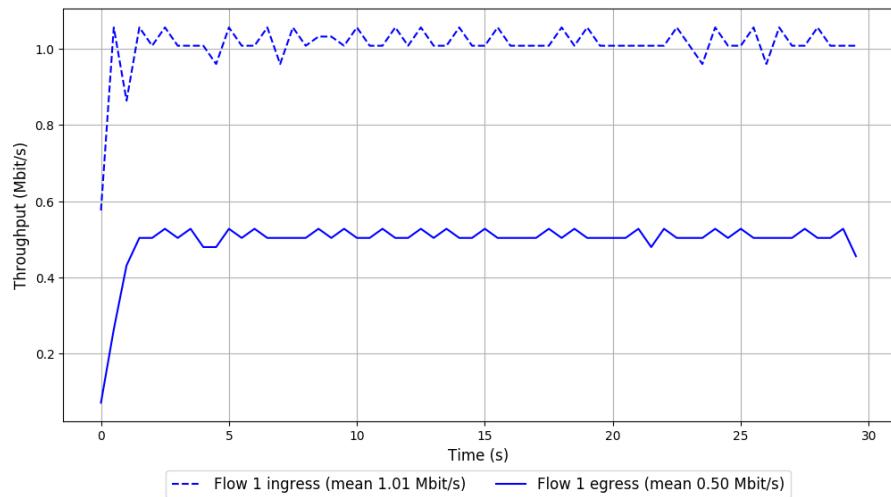


Run 6: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 02:53:58 +0000
End at: Tue, 01 Aug 2017 02:54:28 +0000
Local clock offset: 3.55 ms
Remote clock offset: 6.862 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:08 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 298.823 ms
Loss rate: 50.83%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 298.823 ms
Loss rate: 50.83%
```

Run 6: Report of Saturator — Data Link



Run 7: Statistics of Saturator

Start at: Tue, 01 Aug 2017 03:15:33 +0000

End at: Tue, 01 Aug 2017 03:16:03 +0000

Local clock offset: 0.721 ms

Remote clock offset: -30.359 ms

Below is generated by plot.py at Tue, 01 Aug 2017 04:32:09 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.50 Mbit/s

95th percentile per-packet one-way delay: 333.585 ms

Loss rate: 50.94%

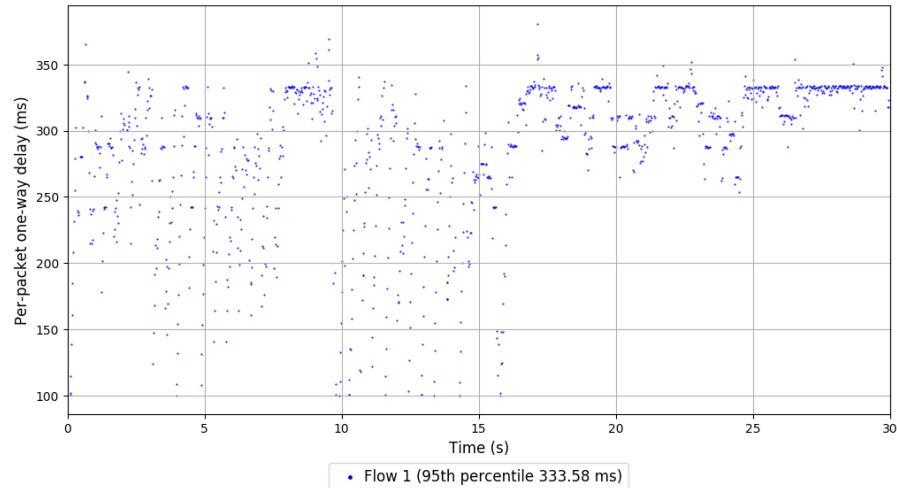
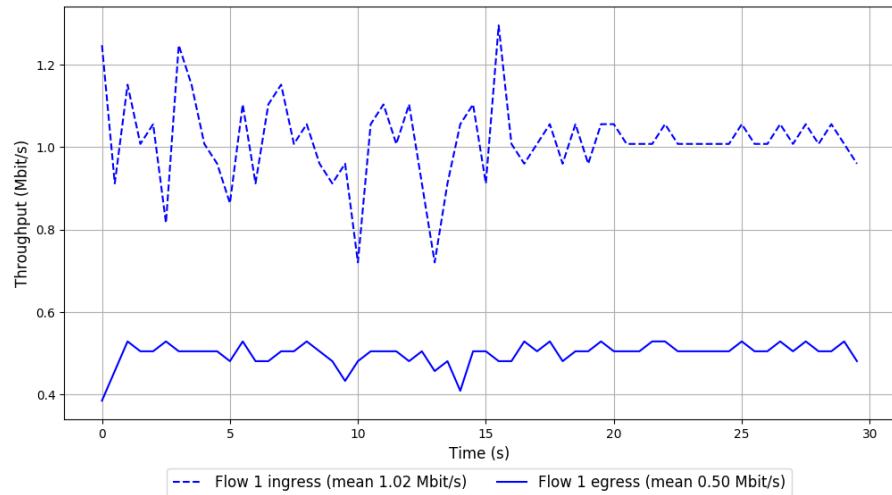
-- Flow 1:

Average throughput: 0.50 Mbit/s

95th percentile per-packet one-way delay: 333.585 ms

Loss rate: 50.94%

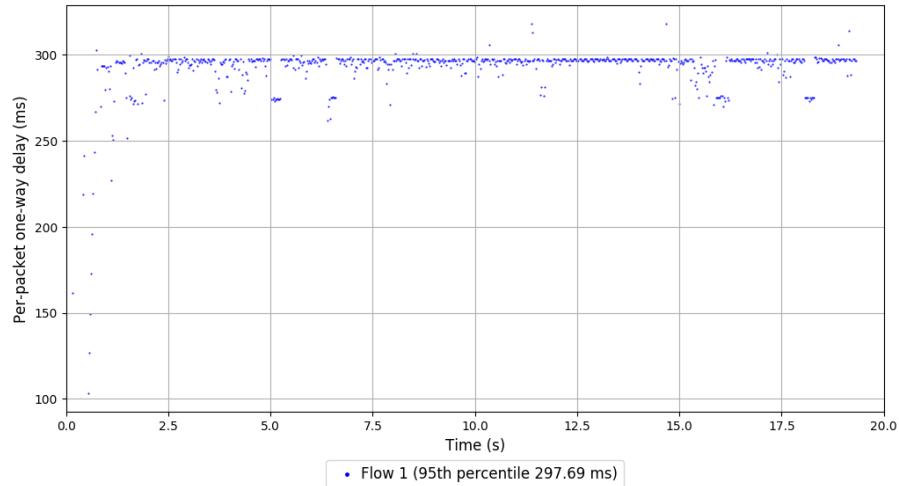
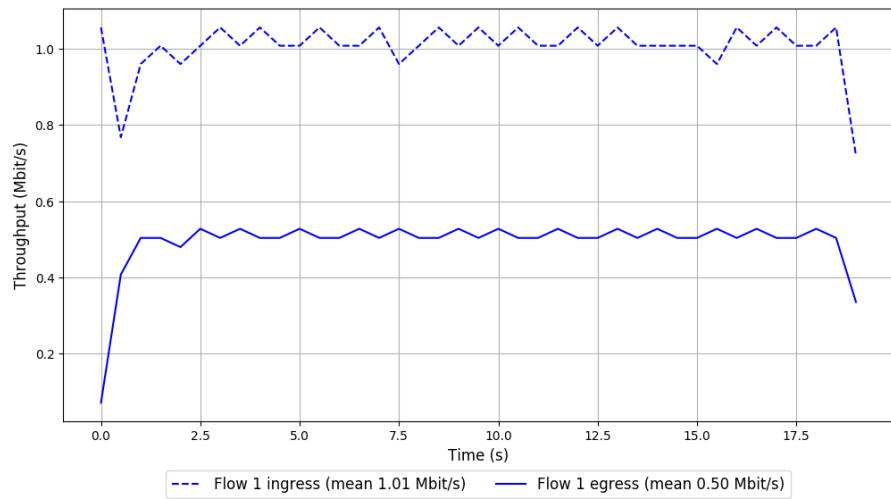
Run 7: Report of Saturator — Data Link



Run 8: Statistics of Saturator

Start at: Tue, 01 Aug 2017 03:35:16 +0000
End at: Tue, 01 Aug 2017 03:35:46 +0000
Local clock offset: 3.897 ms
Remote clock offset: 9.505 ms

Run 8: Report of Saturator — Data Link

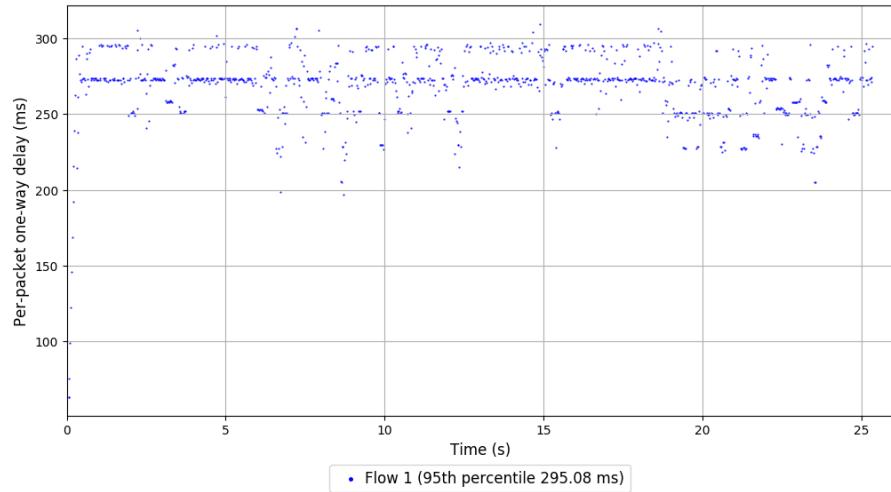
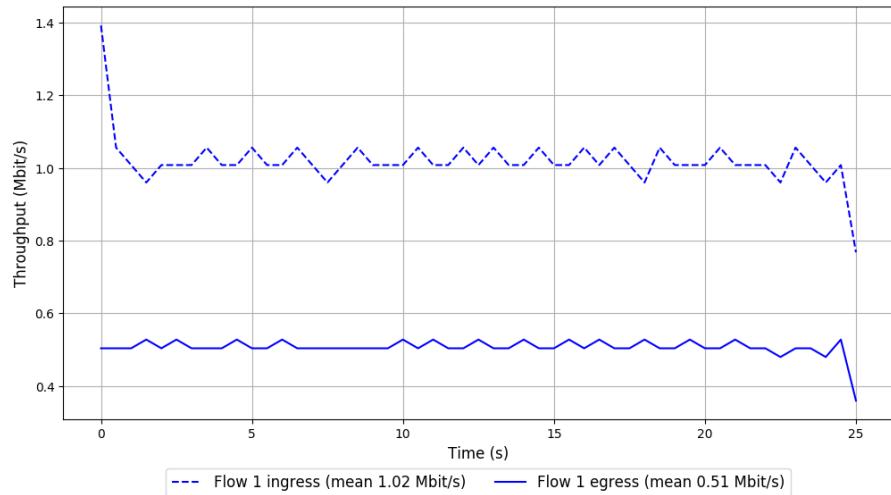


Run 9: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 03:54:26 +0000
End at: Tue, 01 Aug 2017 03:54:56 +0000
Local clock offset: 2.89 ms
Remote clock offset: 10.155 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:10 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 295.078 ms
Loss rate: 50.28%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 295.078 ms
Loss rate: 50.28%
```

Run 9: Report of Saturator — Data Link

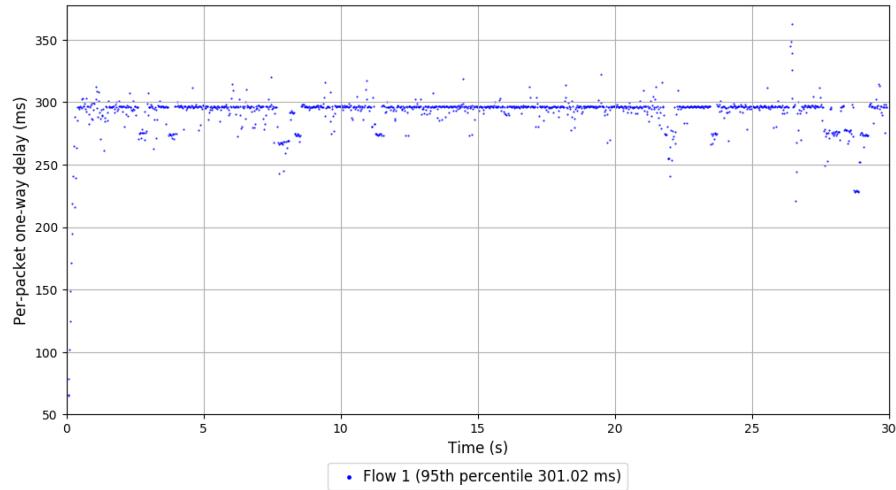
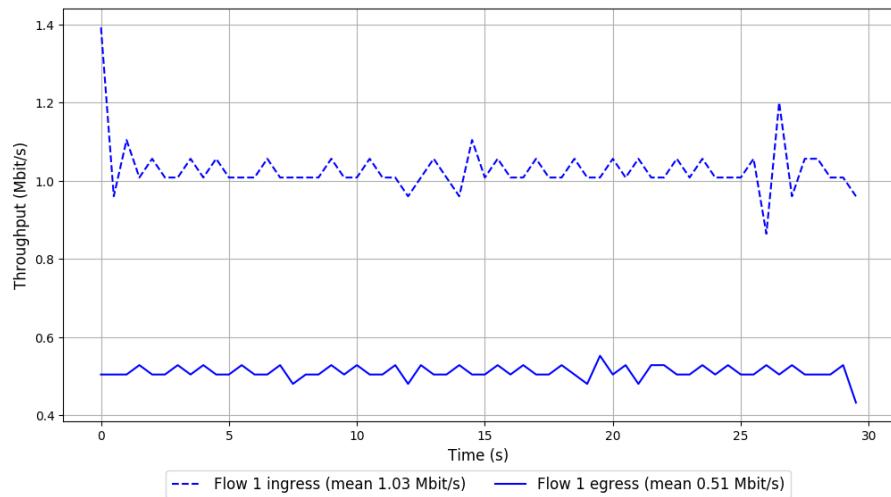


Run 10: Statistics of Saturator

```
Start at: Tue, 01 Aug 2017 04:15:21 +0000
End at: Tue, 01 Aug 2017 04:15:51 +0000
Local clock offset: 4.151 ms
Remote clock offset: 6.639 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:11 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 301.023 ms
Loss rate: 50.35%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 301.023 ms
Loss rate: 50.35%
```

Run 10: Report of Saturator — Data Link



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

```
Start at: Tue, 01 Aug 2017 01:09:44 +0000
```

```
End at: Tue, 01 Aug 2017 01:10:14 +0000
```

```
Local clock offset: 0.012 ms
```

```
Remote clock offset: 5.968 ms
```

```
# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:11 +0000
```

```
# Datalink statistics
```

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

```
Average throughput: 0.18 Mbit/s
```

```
95th percentile per-packet one-way delay: 68.390 ms
```

```
Loss rate: 0.26%
```

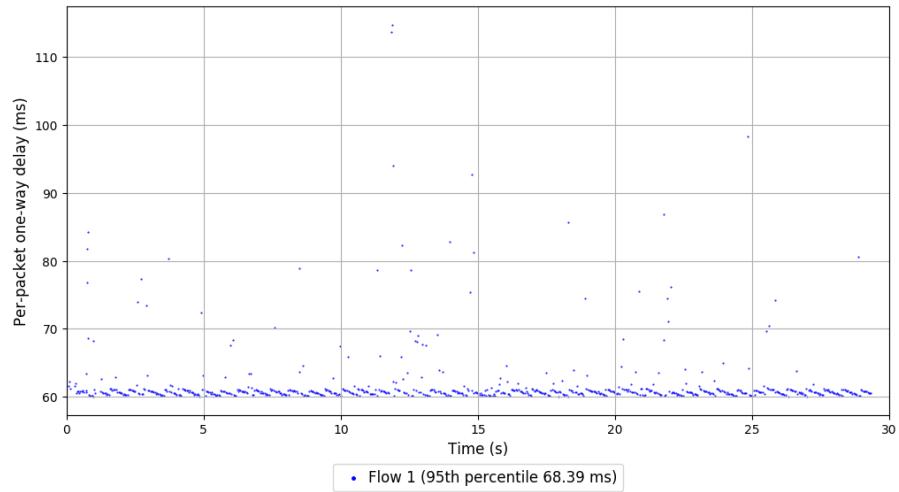
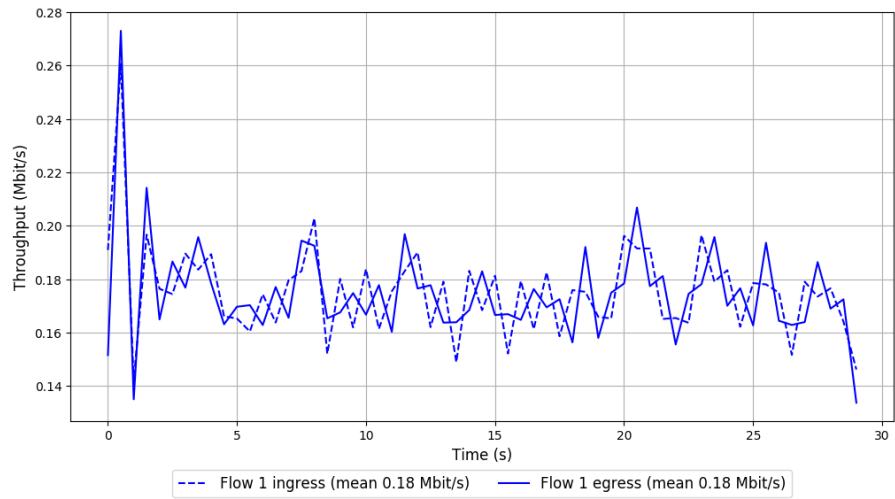
```
-- Flow 1:
```

```
Average throughput: 0.18 Mbit/s
```

```
95th percentile per-packet one-way delay: 68.390 ms
```

```
Loss rate: 0.26%
```

Run 1: Report of SCReAM — Data Link

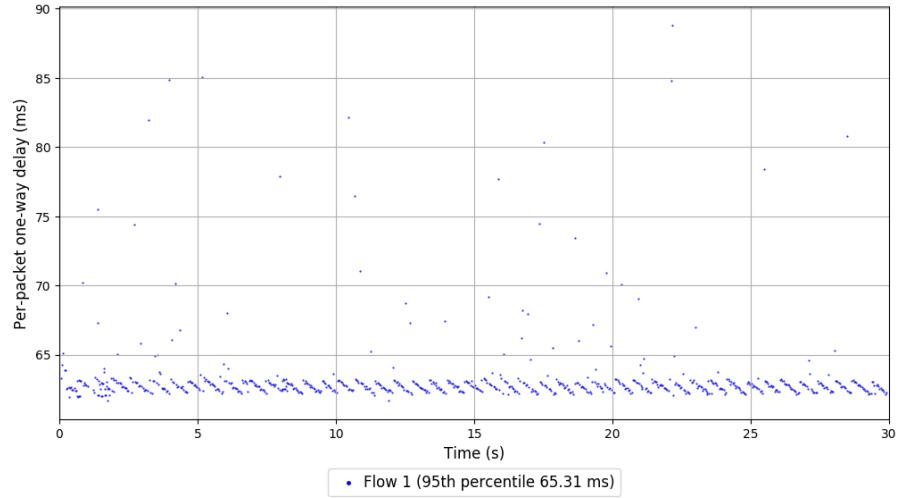
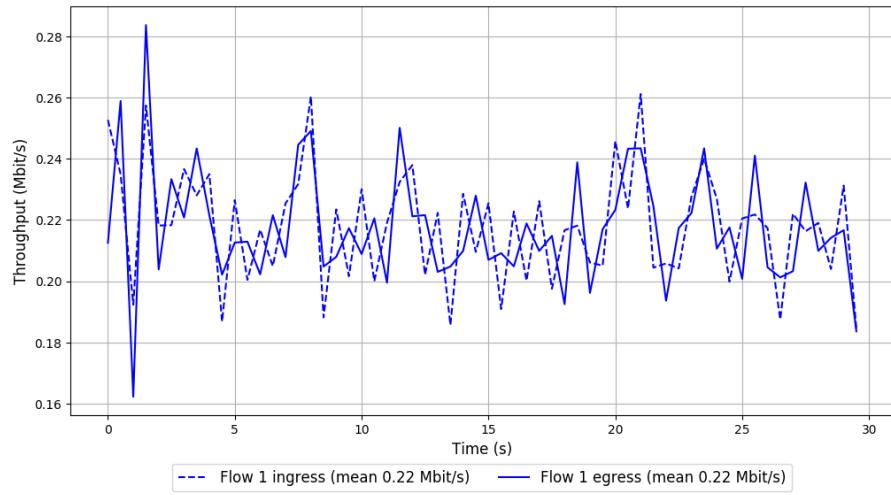


Run 2: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 01:29:07 +0000
End at: Tue, 01 Aug 2017 01:29:37 +0000
Local clock offset: 1.806 ms
Remote clock offset: 6.165 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 65.314 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 65.314 ms
Loss rate: 0.26%
```

Run 2: Report of SCReAM — Data Link

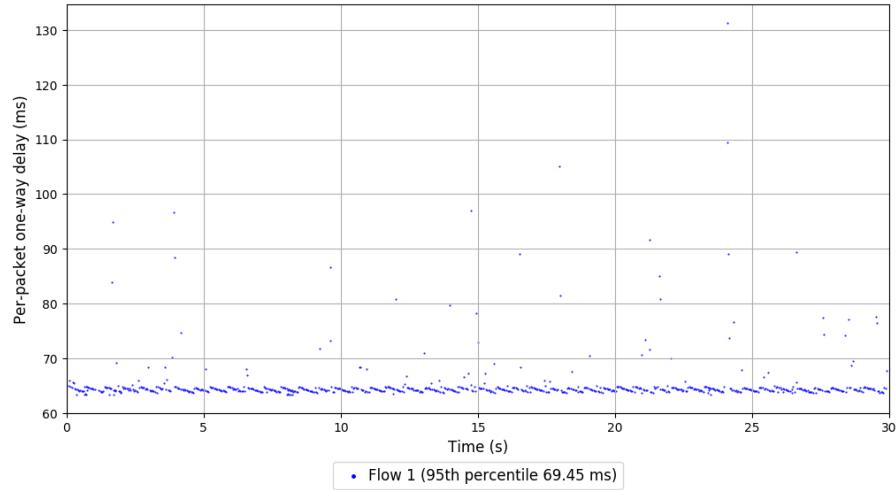
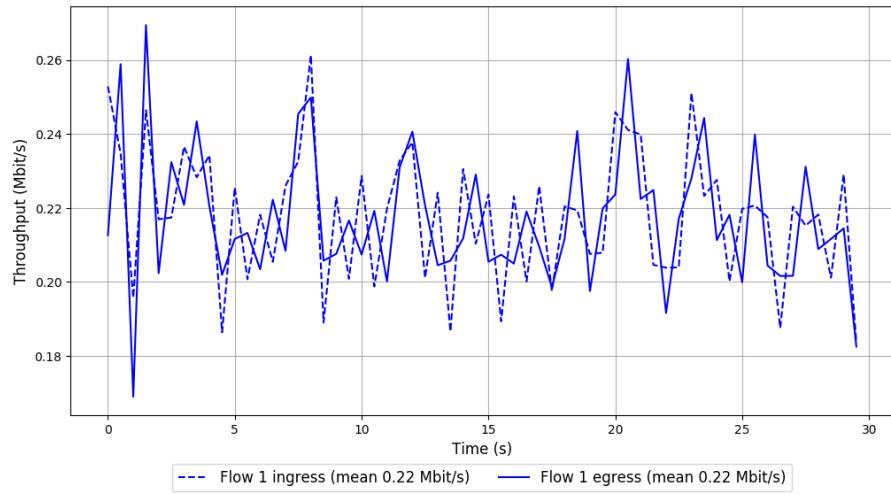


Run 3: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 01:47:55 +0000
End at: Tue, 01 Aug 2017 01:48:25 +0000
Local clock offset: 1.345 ms
Remote clock offset: 4.091 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:12 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 69.447 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 69.447 ms
Loss rate: 0.26%
```

Run 3: Report of SCReAM — Data Link

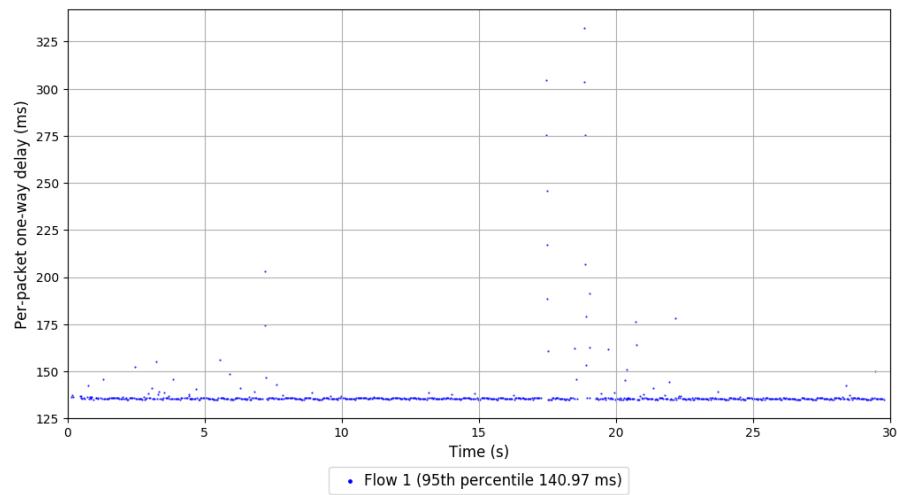
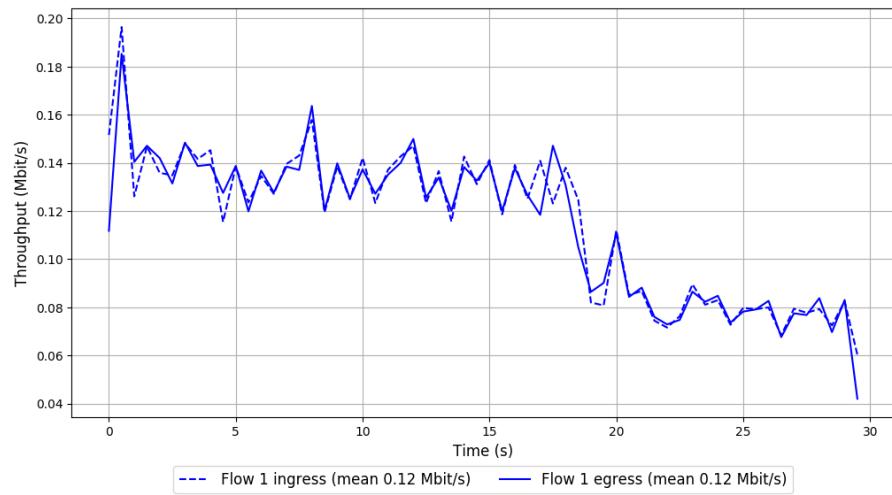


Run 4: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 02:07:50 +0000
End at: Tue, 01 Aug 2017 02:08:20 +0000
Local clock offset: 1.45 ms
Remote clock offset: -67.843 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 140.969 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 140.969 ms
Loss rate: 0.86%
```

Run 4: Report of SCReAM — Data Link

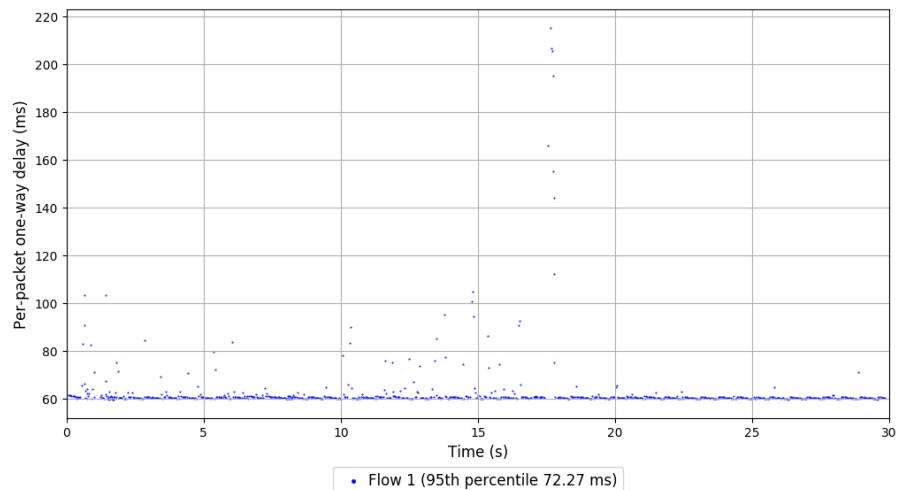
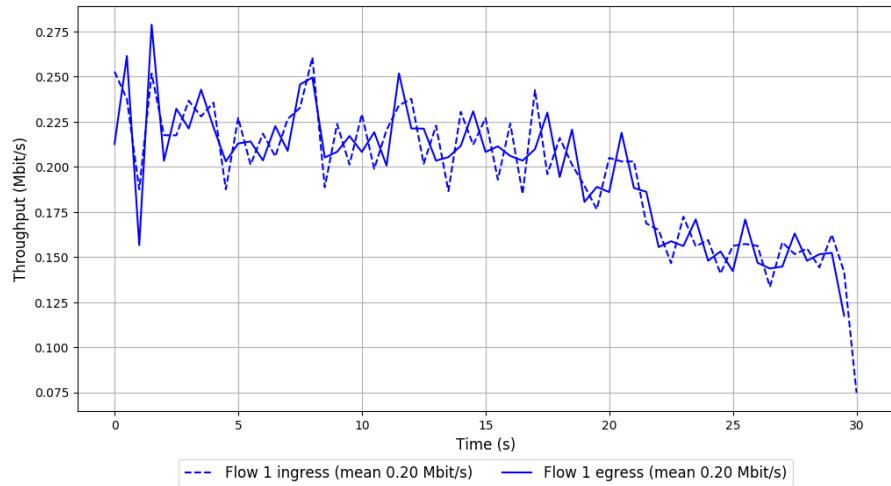


Run 5: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 02:28:02 +0000
End at: Tue, 01 Aug 2017 02:28:32 +0000
Local clock offset: -1.272 ms
Remote clock offset: 4.364 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:13 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 72.267 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 72.267 ms
Loss rate: 1.02%
```

Run 5: Report of SCReAM — Data Link

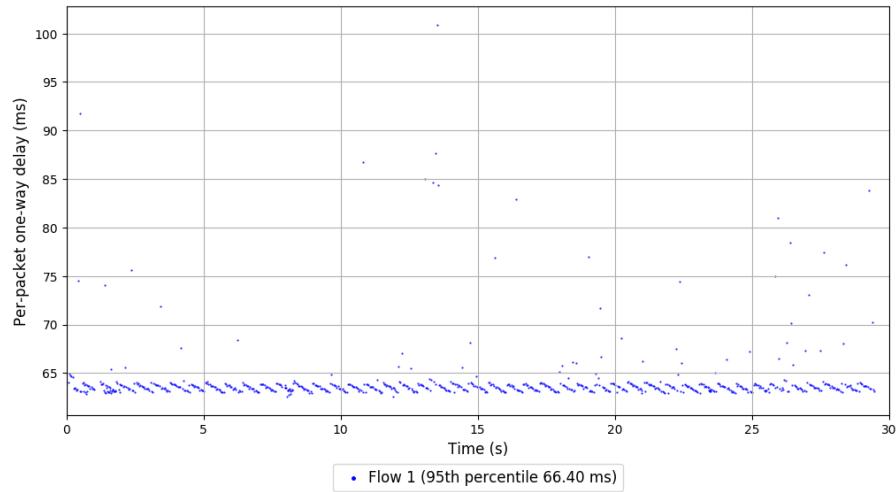
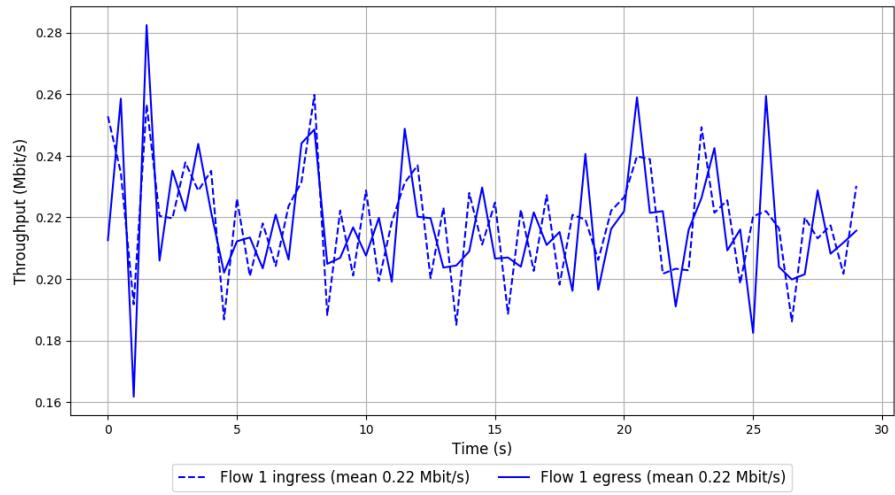


Run 6: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 02:52:42 +0000
End at: Tue, 01 Aug 2017 02:53:12 +0000
Local clock offset: 2.528 ms
Remote clock offset: 8.112 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:14 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 66.396 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 66.396 ms
Loss rate: 0.25%
```

Run 6: Report of SCReAM — Data Link



Run 7: Statistics of SCReAM

Start at: Tue, 01 Aug 2017 03:14:14 +0000

End at: Tue, 01 Aug 2017 03:14:44 +0000

Local clock offset: 2.935 ms

Remote clock offset: 5.499 ms

Below is generated by plot.py at Tue, 01 Aug 2017 04:32:14 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 77.741 ms

Loss rate: 0.64%

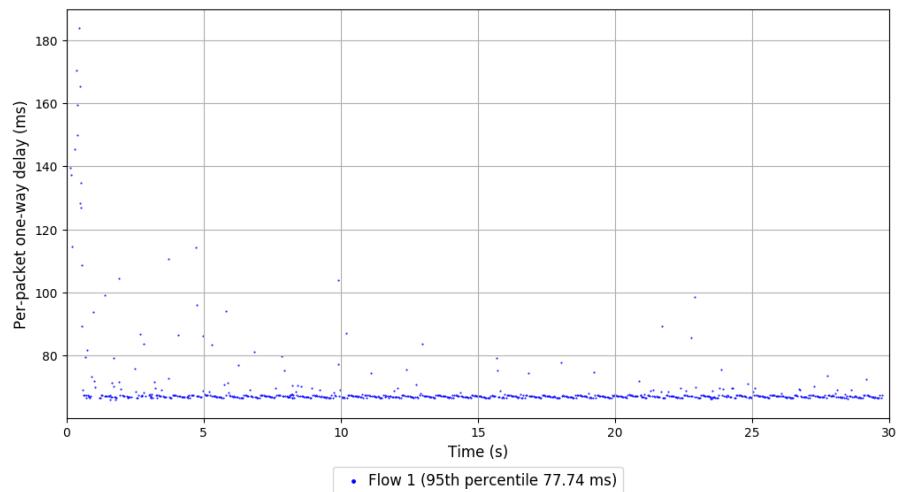
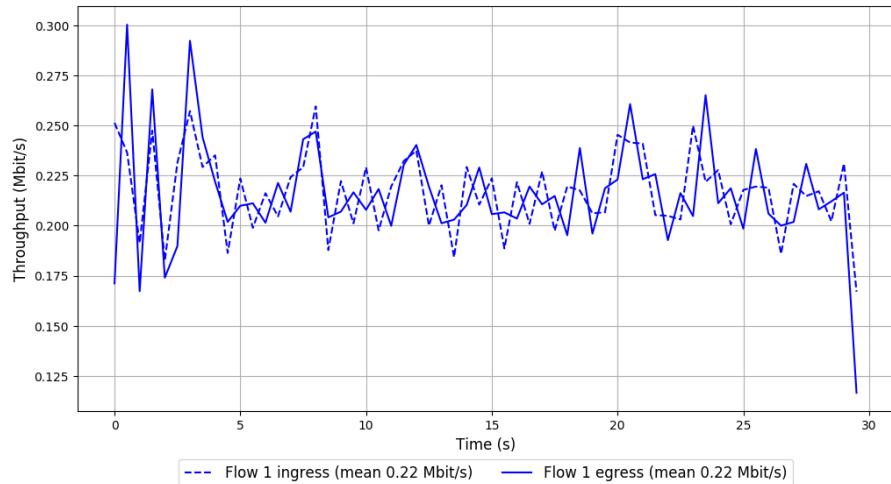
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 77.741 ms

Loss rate: 0.64%

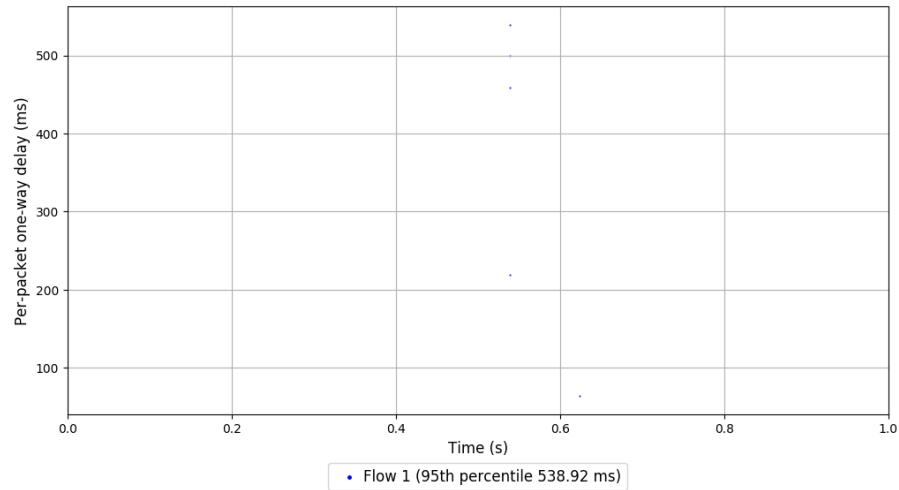
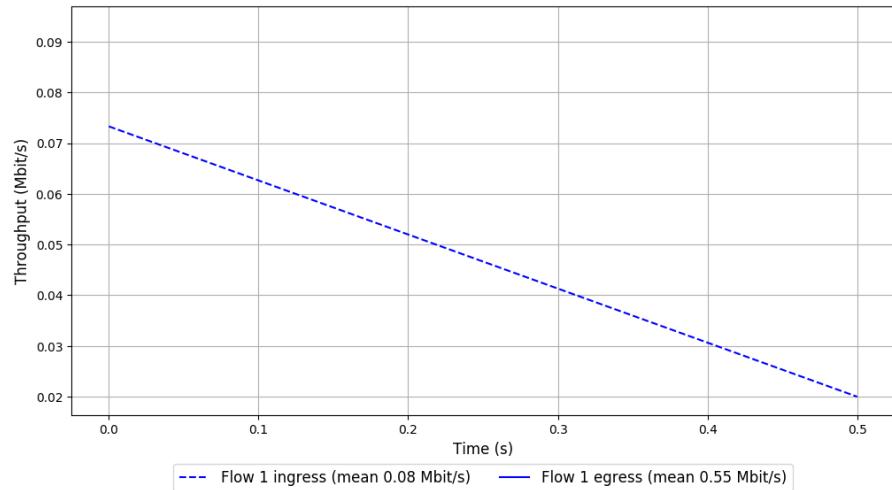
Run 7: Report of SCReAM — Data Link



Run 8: Statistics of SCReAM

Start at: Tue, 01 Aug 2017 03:34:01 +0000
End at: Tue, 01 Aug 2017 03:34:31 +0000
Local clock offset: 3.037 ms
Remote clock offset: 9.583 ms

Run 8: Report of SCReAM — Data Link

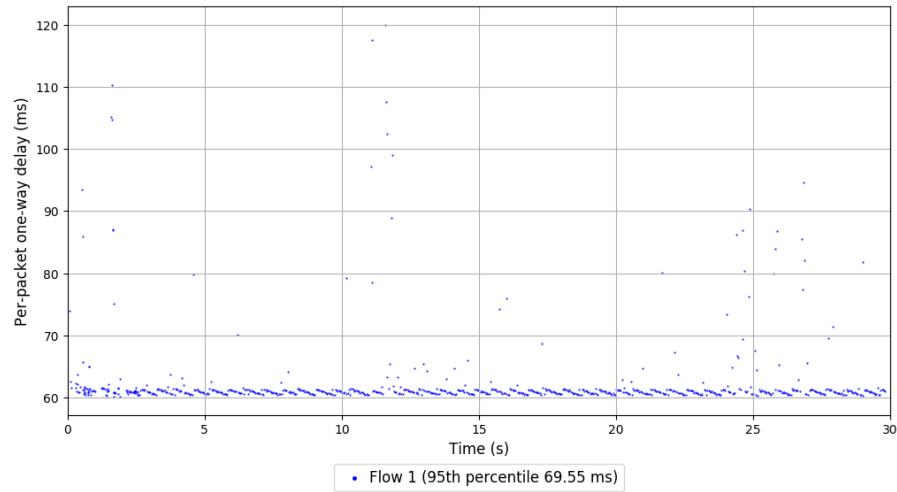
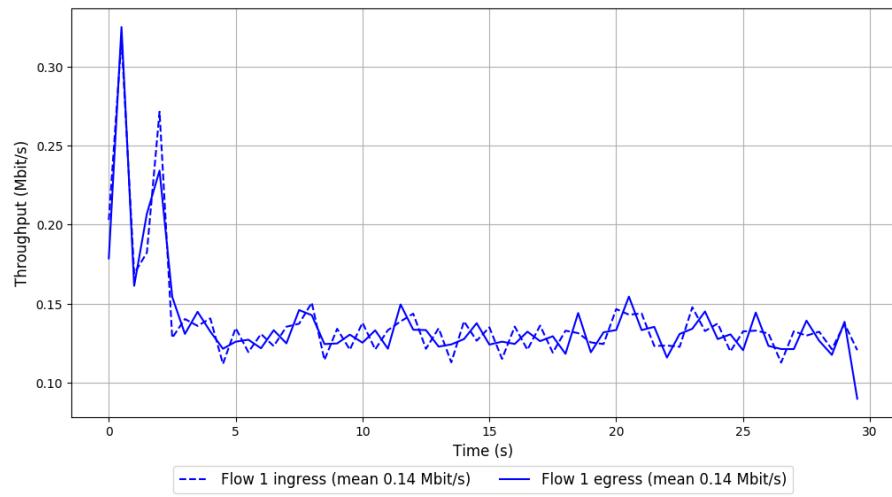


Run 9: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 03:53:09 +0000
End at: Tue, 01 Aug 2017 03:53:39 +0000
Local clock offset: 1.49 ms
Remote clock offset: 10.149 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:15 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 69.547 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 69.547 ms
Loss rate: 0.61%
```

Run 9: Report of SCReAM — Data Link

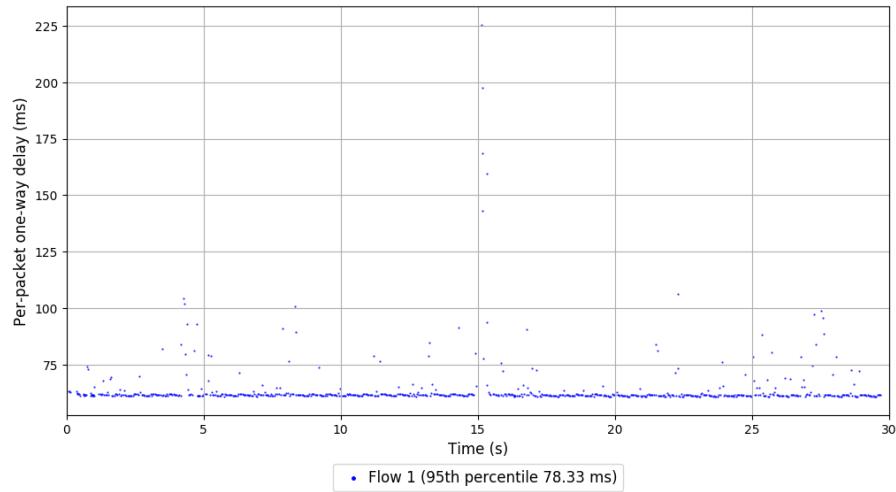
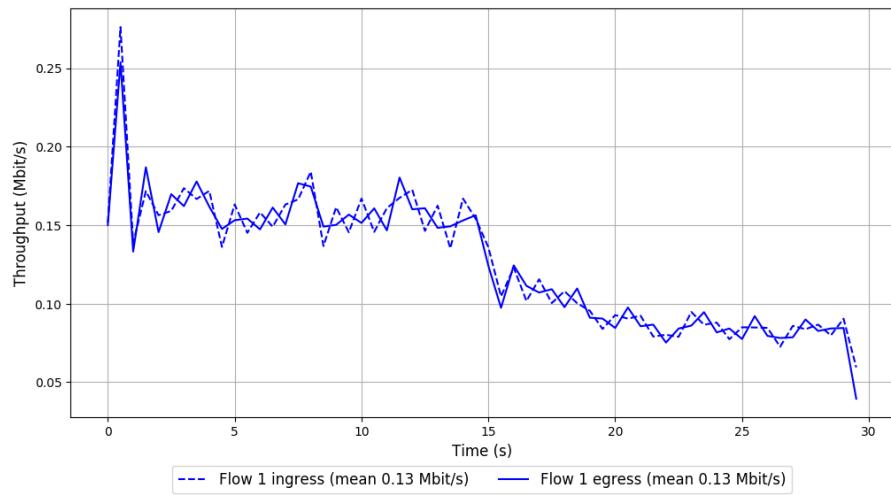


Run 10: Statistics of SCReAM

```
Start at: Tue, 01 Aug 2017 04:13:48 +0000
End at: Tue, 01 Aug 2017 04:14:18 +0000
Local clock offset: 2.287 ms
Remote clock offset: 6.757 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:16 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 78.331 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 78.331 ms
Loss rate: 0.74%
```

Run 10: Report of SCReAM — Data Link

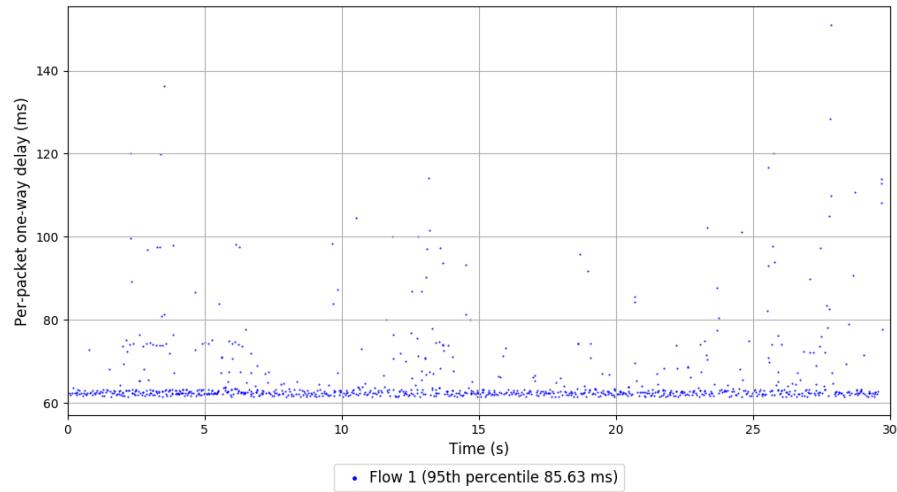
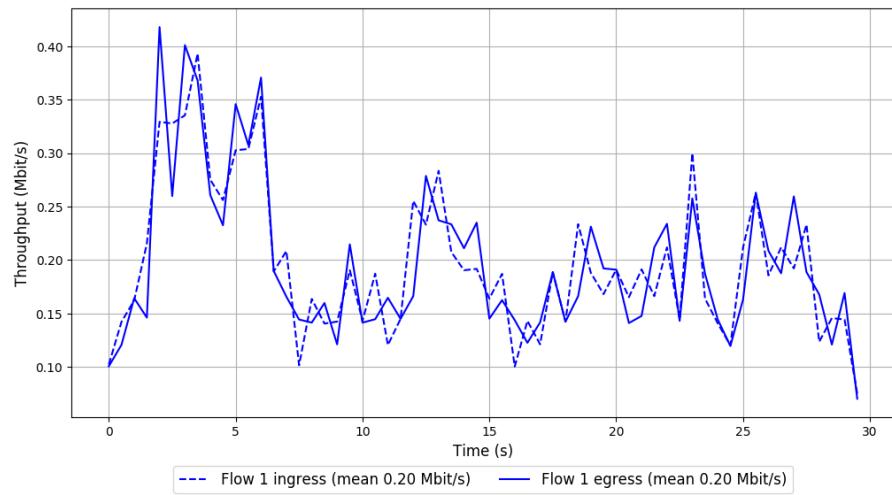


Run 1: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 01:13:41 +0000
End at: Tue, 01 Aug 2017 01:14:11 +0000
Local clock offset: 1.488 ms
Remote clock offset: 5.582 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 85.630 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 85.630 ms
Loss rate: 0.05%
```

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: Tue, 01 Aug 2017 01:33:46 +0000
End at: Tue, 01 Aug 2017 01:34:16 +0000
Local clock offset: -2.052 ms
Remote clock offset: -29.347 ms

Run 2: Report of Sprout — Data Link

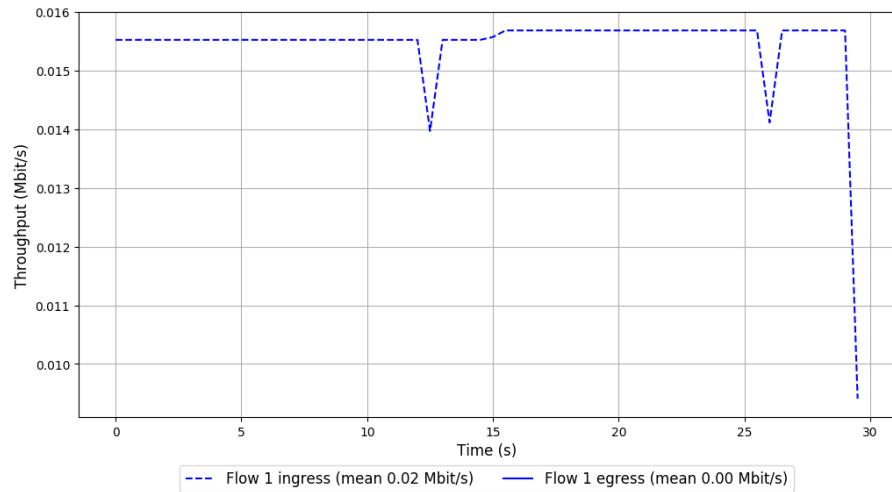


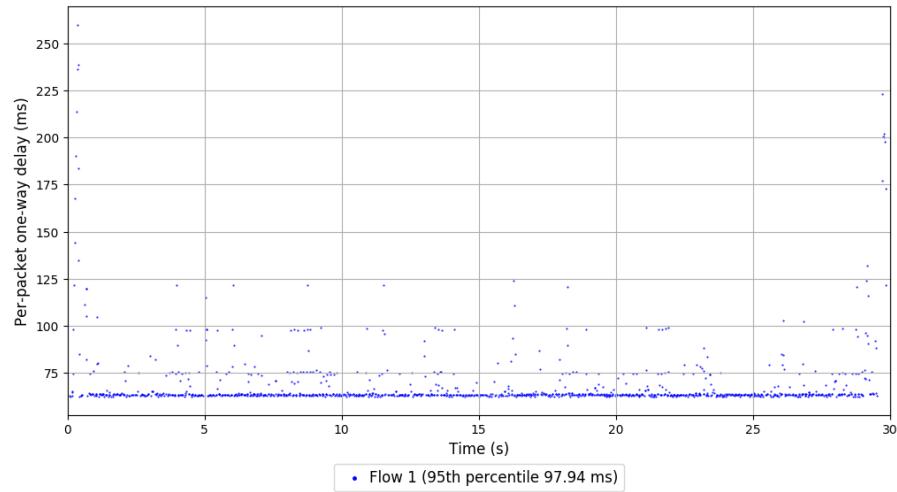
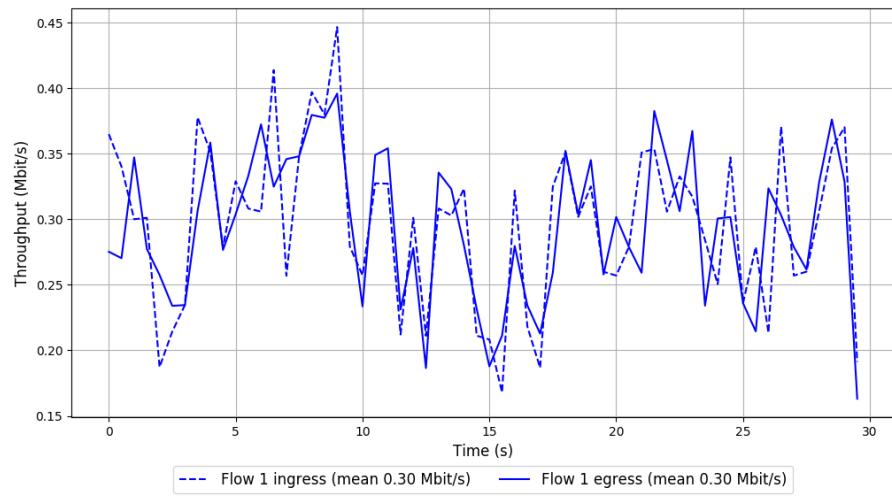
Figure is missing

Run 3: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 01:51:43 +0000
End at: Tue, 01 Aug 2017 01:52:13 +0000
Local clock offset: 0.668 ms
Remote clock offset: 4.236 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:17 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 97.936 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 97.936 ms
Loss rate: 0.65%
```

Run 3: Report of Sprout — Data Link

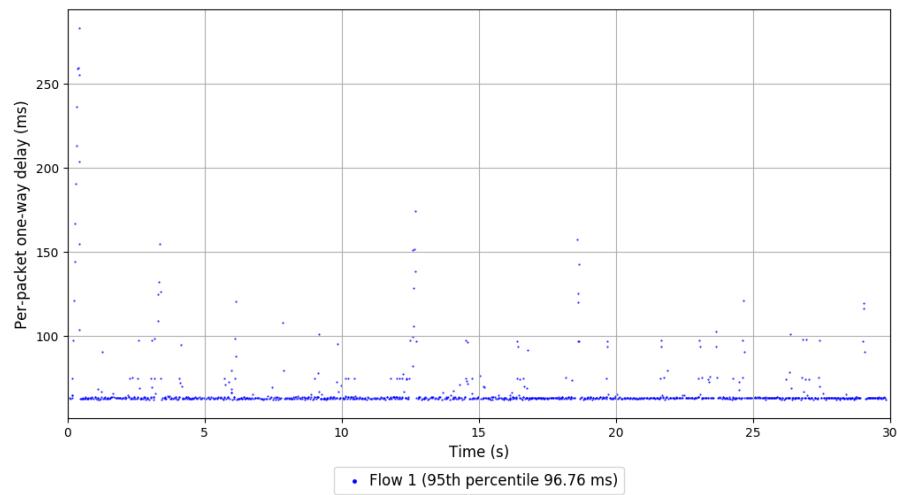
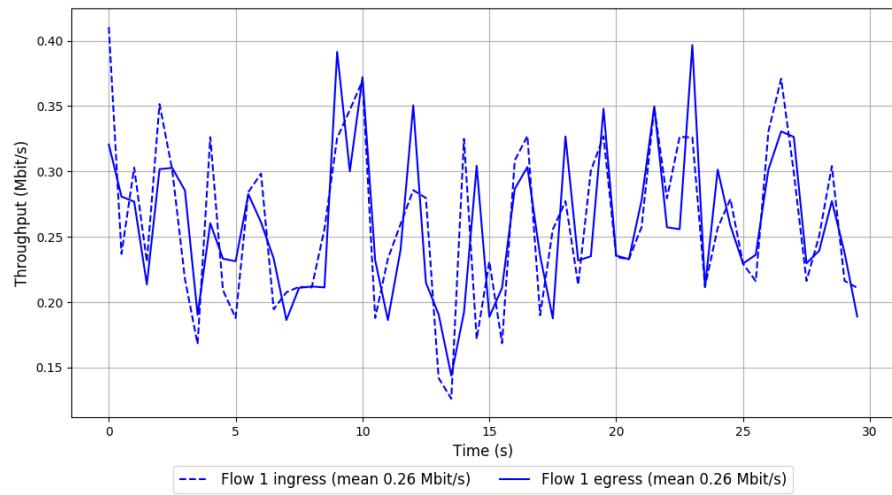


Run 4: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 02:12:41 +0000
End at: Tue, 01 Aug 2017 02:13:11 +0000
Local clock offset: 1.138 ms
Remote clock offset: 5.247 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:18 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 96.758 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 96.758 ms
Loss rate: 0.73%
```

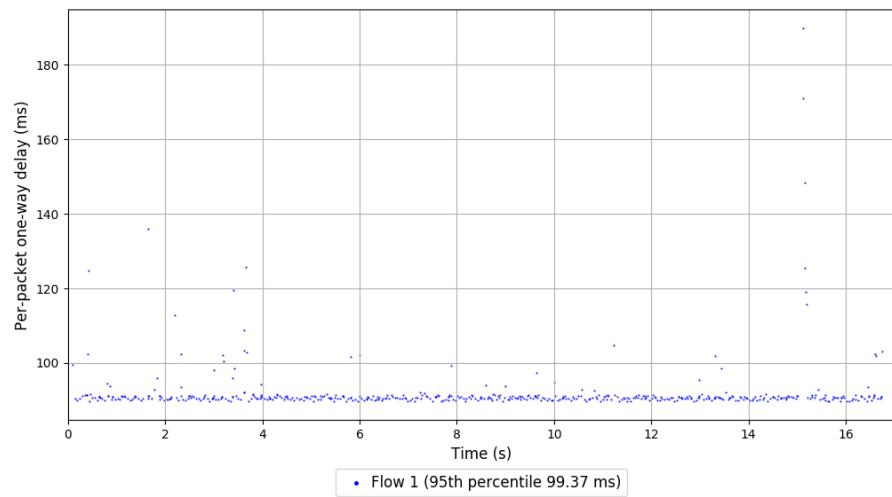
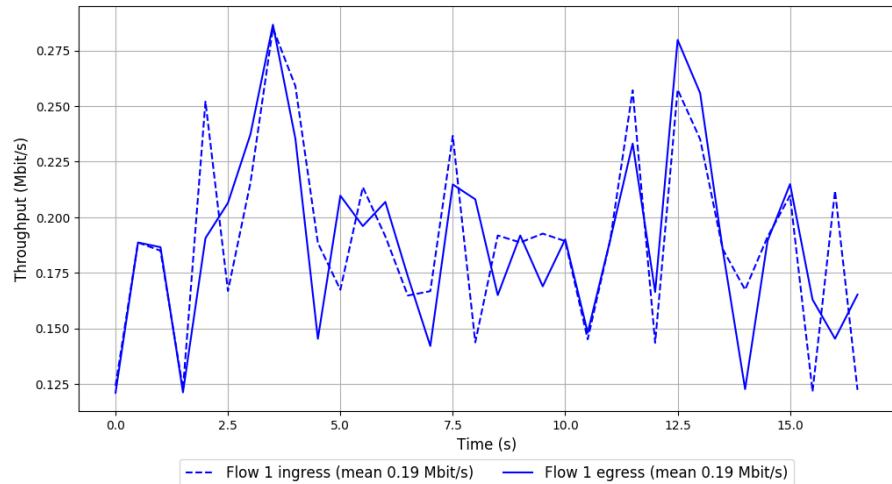
Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: Tue, 01 Aug 2017 02:34:05 +0000
End at: Tue, 01 Aug 2017 02:34:36 +0000
Local clock offset: 2.295 ms
Remote clock offset: -21.081 ms

Run 5: Report of Sprout — Data Link

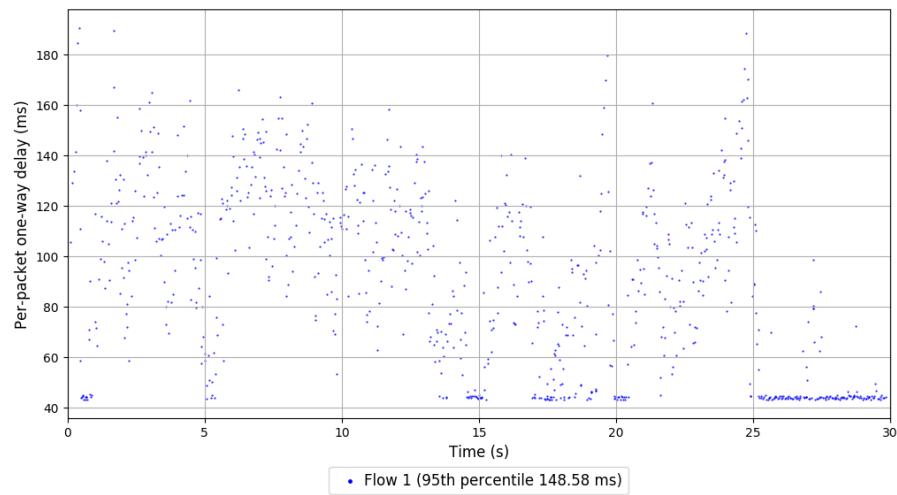
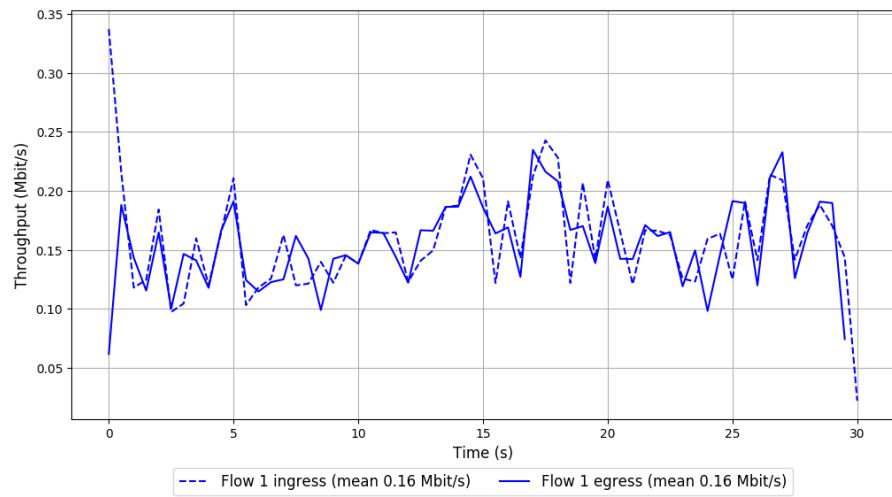


Run 6: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 02:56:47 +0000
End at: Tue, 01 Aug 2017 02:57:17 +0000
Local clock offset: 0.892 ms
Remote clock offset: 26.046 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 148.576 ms
Loss rate: 4.38%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 148.576 ms
Loss rate: 4.38%
```

Run 6: Report of Sprout — Data Link

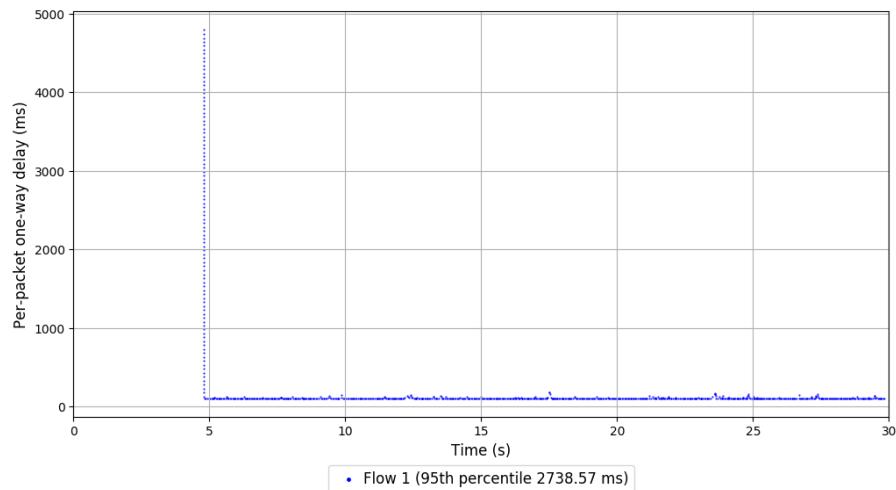
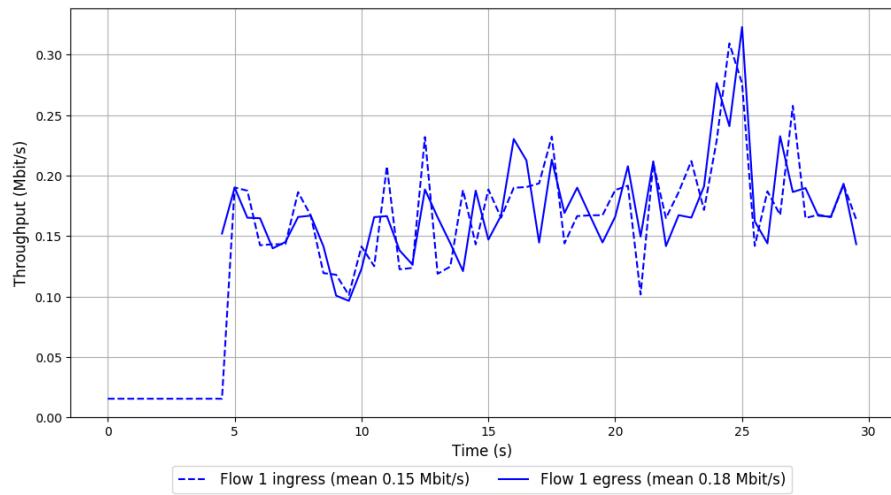


Run 7: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 03:18:31 +0000
End at: Tue, 01 Aug 2017 03:19:01 +0000
Local clock offset: 0.74 ms
Remote clock offset: -31.249 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:20 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 2738.566 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 2738.566 ms
Loss rate: 0.79%
```

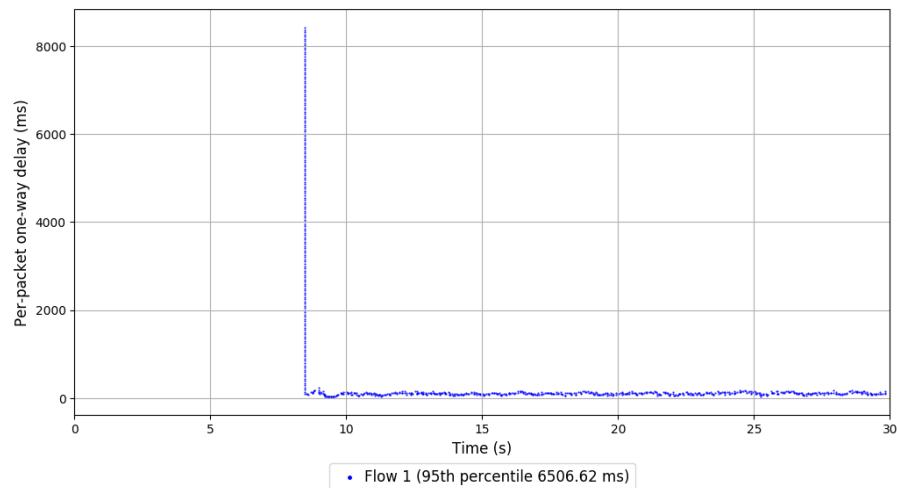
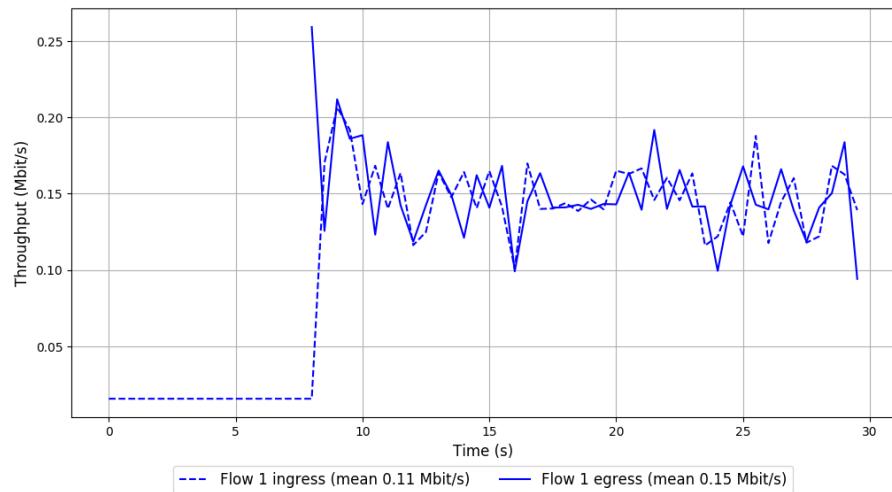
Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: Tue, 01 Aug 2017 03:37:52 +0000
End at: Tue, 01 Aug 2017 03:38:22 +0000
Local clock offset: 0.454 ms
Remote clock offset: 38.129 ms

Run 8: Report of Sprout — Data Link

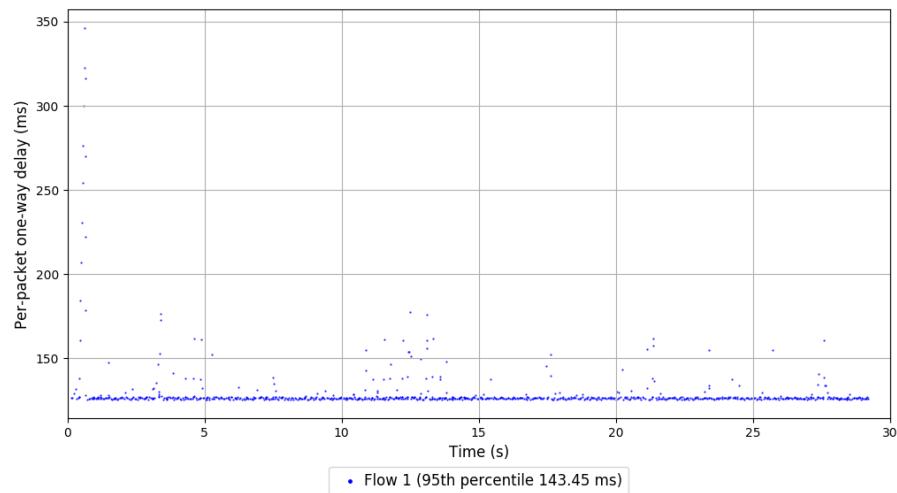
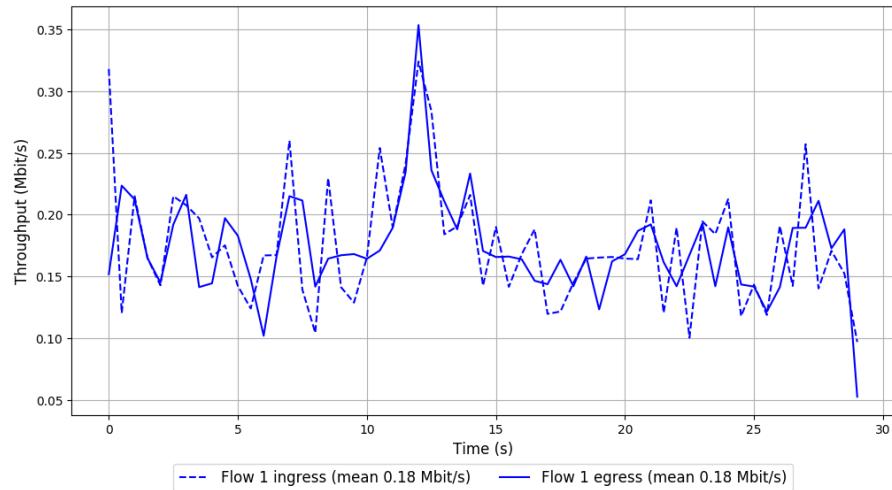


Run 9: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 03:57:54 +0000
End at: Tue, 01 Aug 2017 03:58:24 +0000
Local clock offset: 2.745 ms
Remote clock offset: -55.113 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 143.448 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 143.448 ms
Loss rate: 1.10%
```

Run 9: Report of Sprout — Data Link

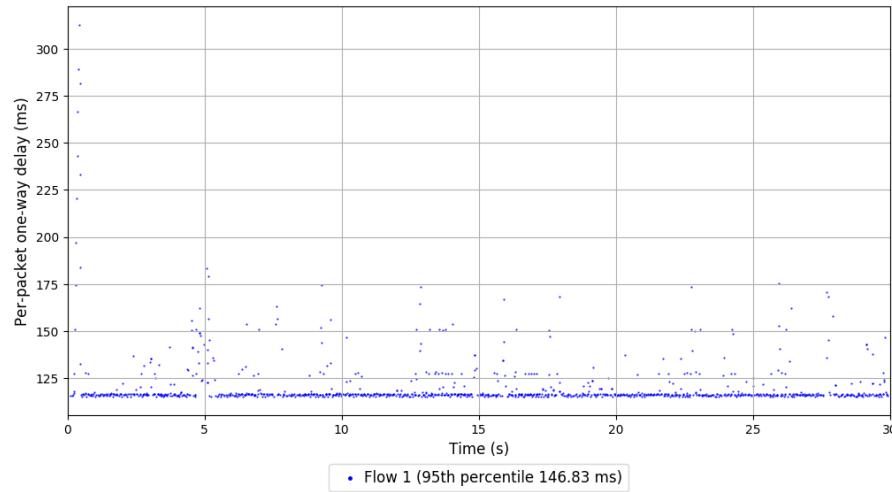
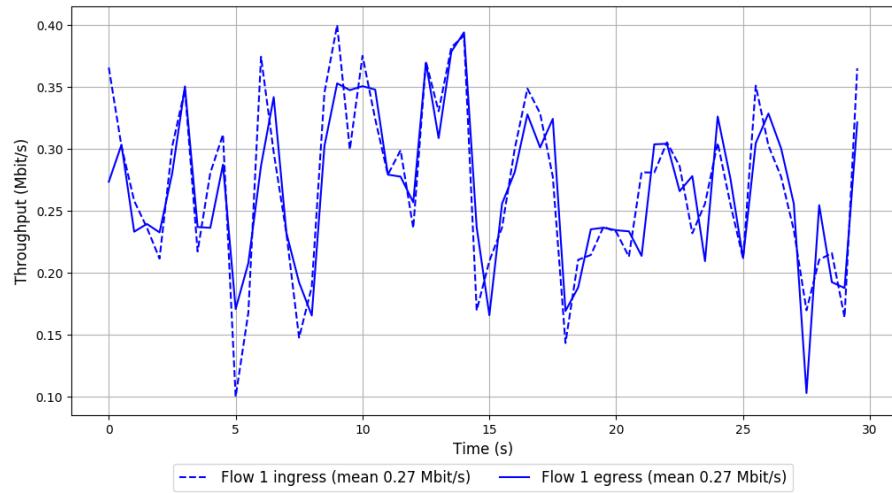


Run 10: Statistics of Sprout

```
Start at: Tue, 01 Aug 2017 04:18:08 +0000
End at: Tue, 01 Aug 2017 04:18:38 +0000
Local clock offset: 3.432 ms
Remote clock offset: -46.749 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:21 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 146.831 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 146.831 ms
Loss rate: 0.84%
```

Run 10: Report of Sprout — Data Link

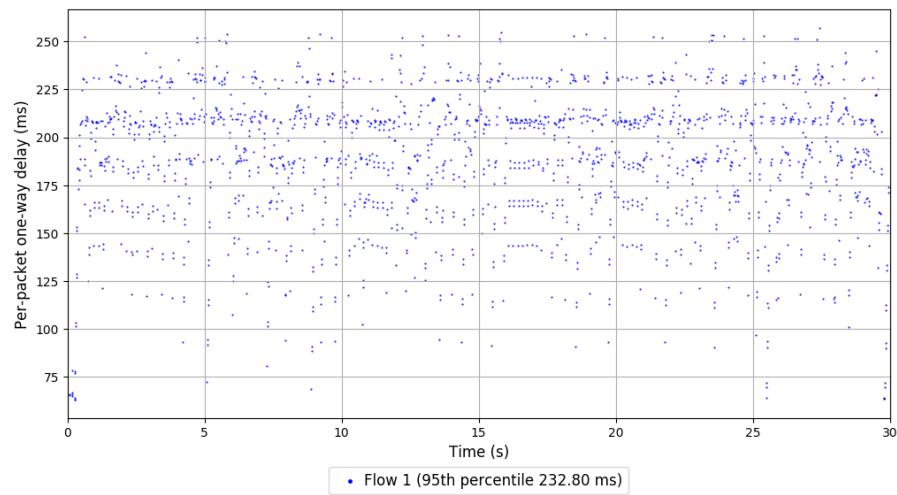
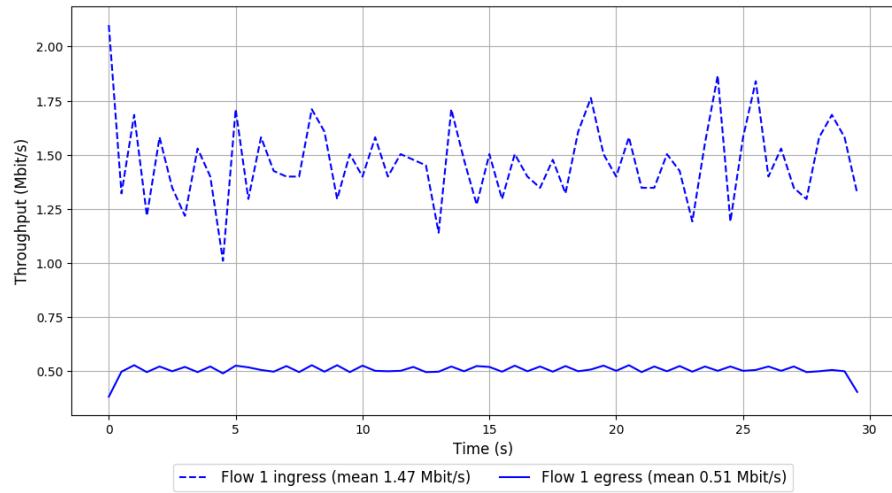


Run 1: Statistics of TaoVA-100x

Start at: Tue, 01 Aug 2017 01:17:54 +0000
End at: Tue, 01 Aug 2017 01:18:24 +0000
Local clock offset: 1.618 ms
Remote clock offset: 5.449 ms

Below is generated by plot.py at Tue, 01 Aug 2017 04:32:22 +0000
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 232.802 ms
Loss rate: 65.48%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 232.802 ms
Loss rate: 65.48%

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

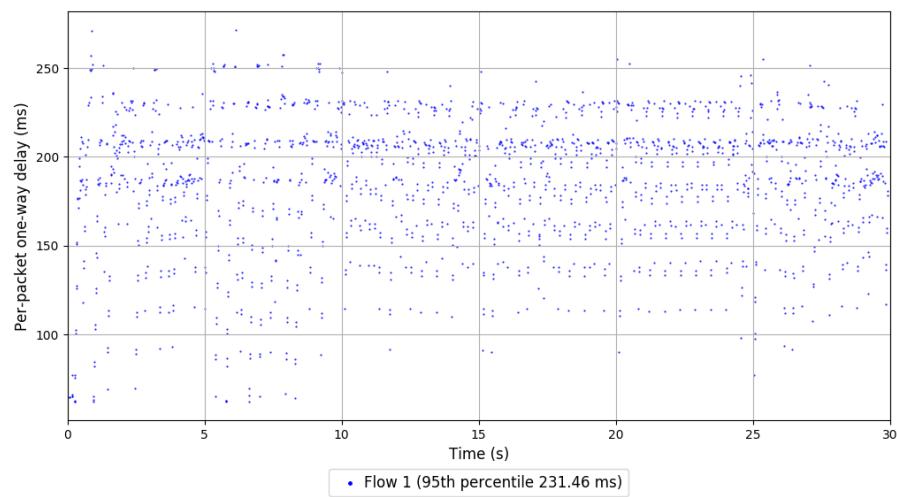
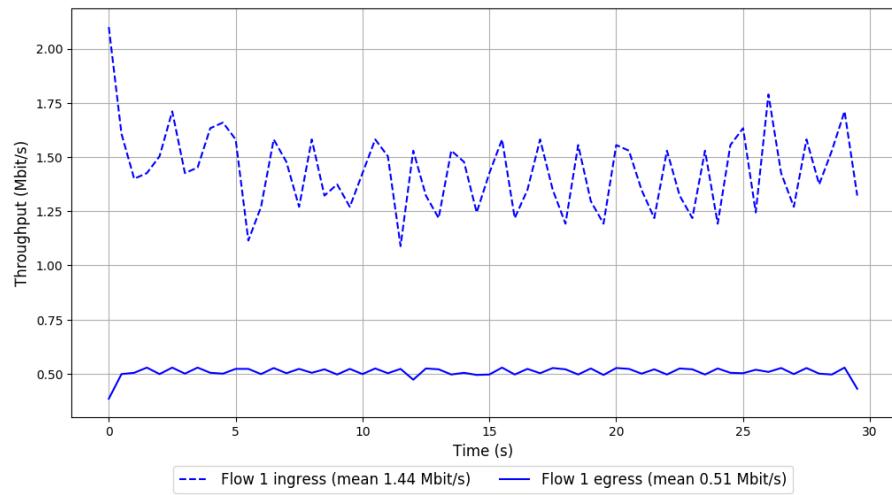


Run 2: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 01:37:39 +0000
End at: Tue, 01 Aug 2017 01:38:09 +0000
Local clock offset: 0.792 ms
Remote clock offset: 5.233 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 231.456 ms
Loss rate: 64.70%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 231.456 ms
Loss rate: 64.70%
```

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

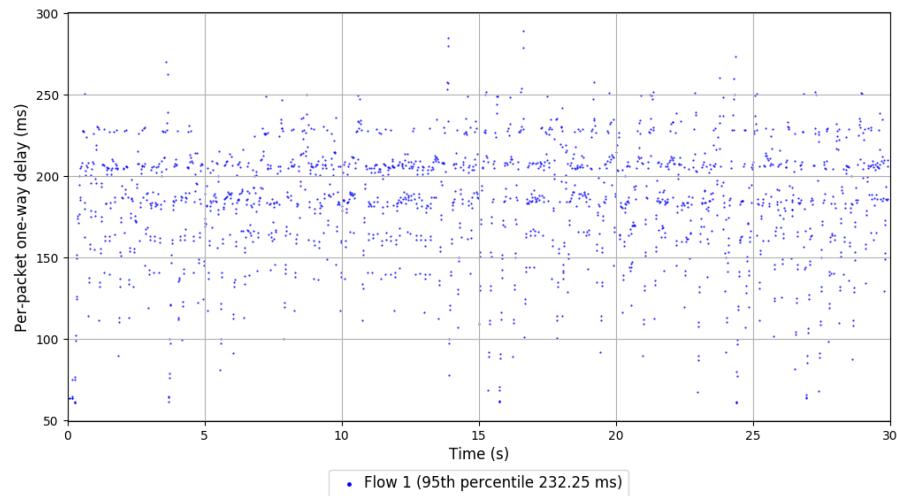
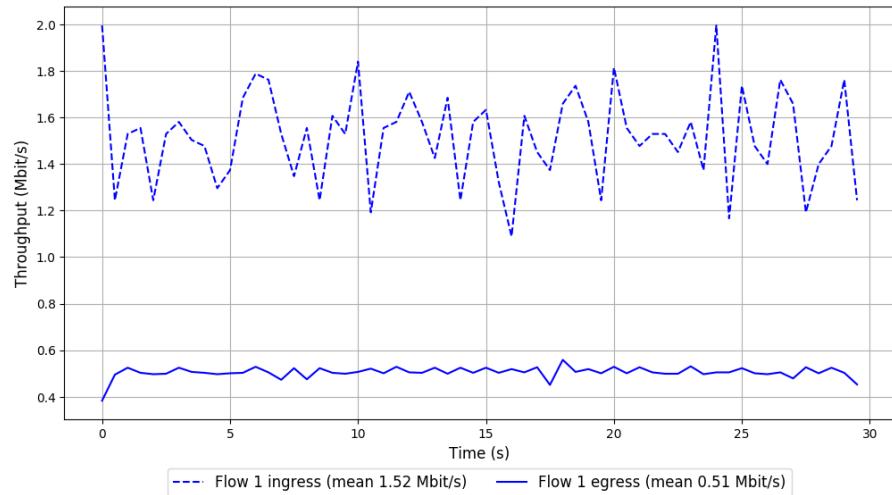


Run 3: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 01:56:15 +0000
End at: Tue, 01 Aug 2017 01:56:45 +0000
Local clock offset: 0.116 ms
Remote clock offset: 5.229 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:23 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 232.254 ms
Loss rate: 66.74%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 232.254 ms
Loss rate: 66.74%
```

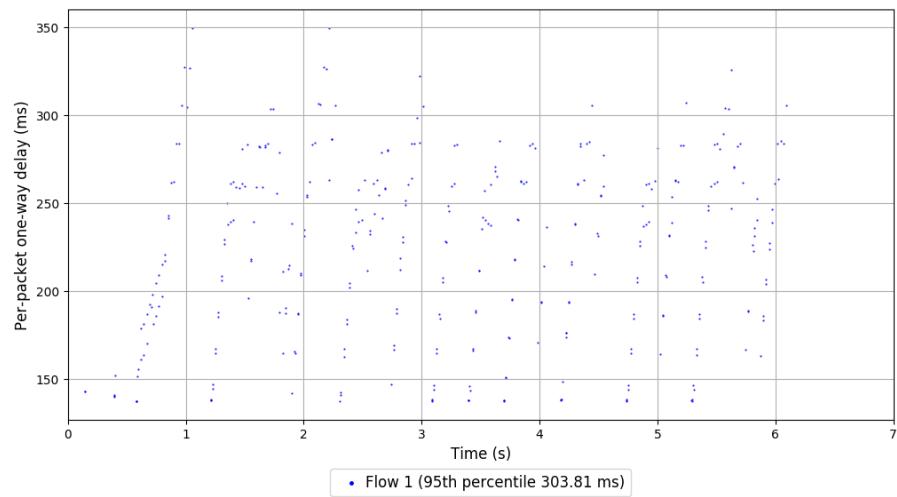
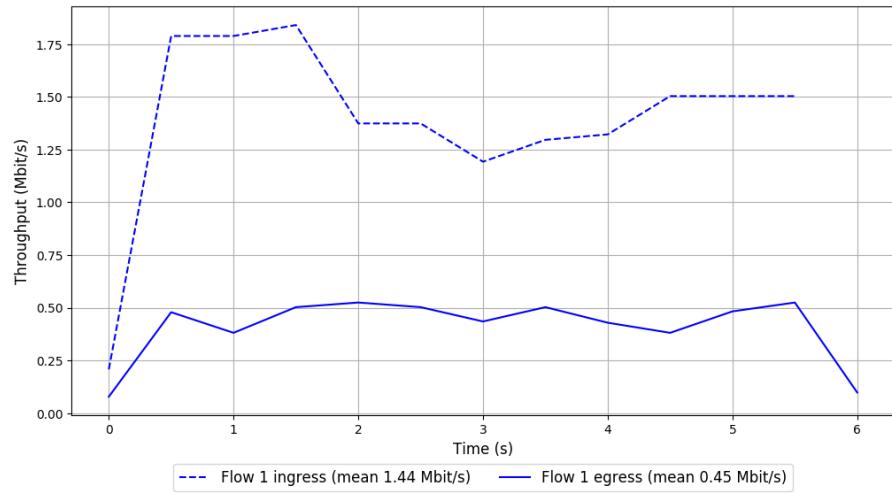
Run 3: Report of TaoVA-100x — Data Link



Run 4: Statistics of TaoVA-100x

Start at: Tue, 01 Aug 2017 02:16:48 +0000
End at: Tue, 01 Aug 2017 02:17:18 +0000
Local clock offset: -0.798 ms
Remote clock offset: -71.016 ms

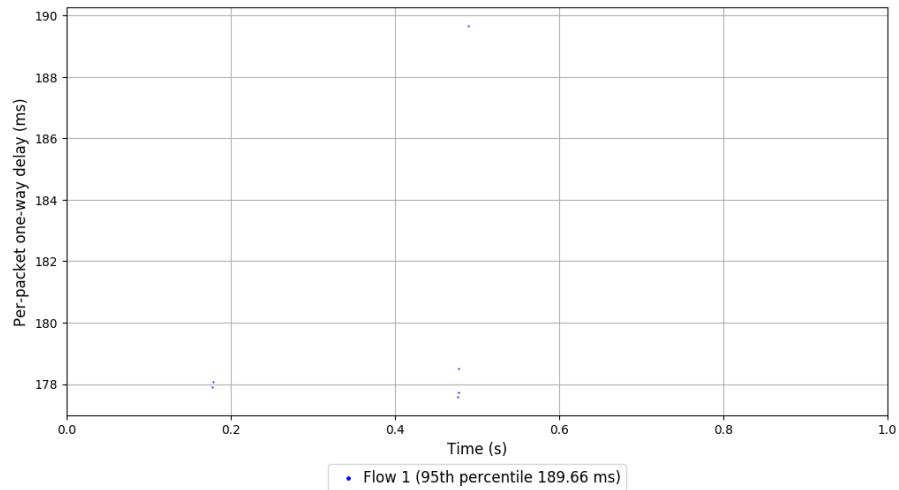
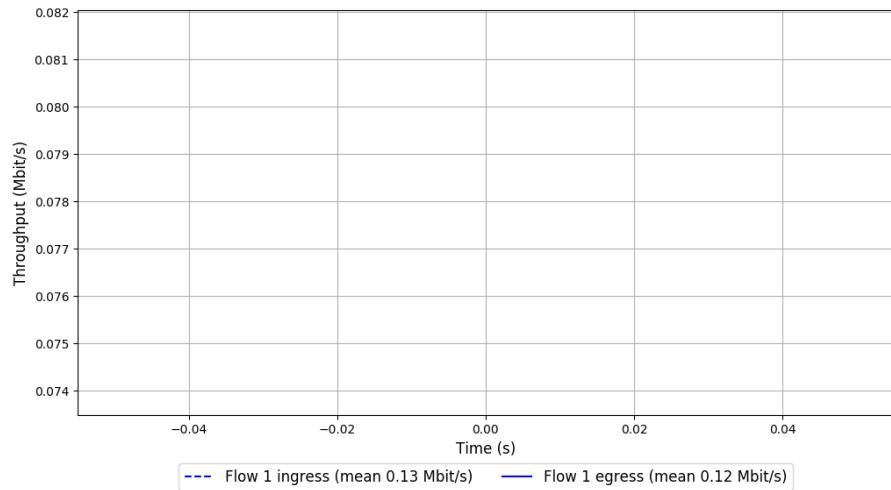
Run 4: Report of TaoVA-100x — Data Link



Run 5: Statistics of TaoVA-100x

Start at: Tue, 01 Aug 2017 02:40:00 +0000
End at: Tue, 01 Aug 2017 02:40:30 +0000
Local clock offset: 0.749 ms
Remote clock offset: -107.822 ms

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

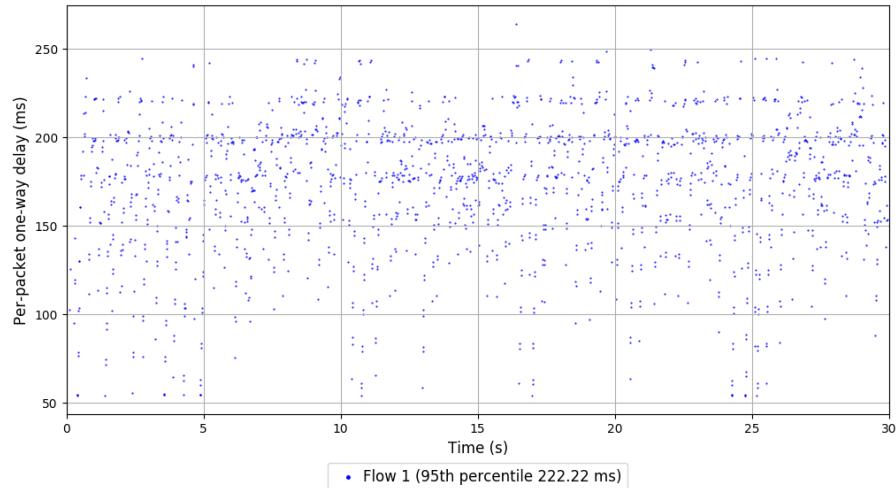
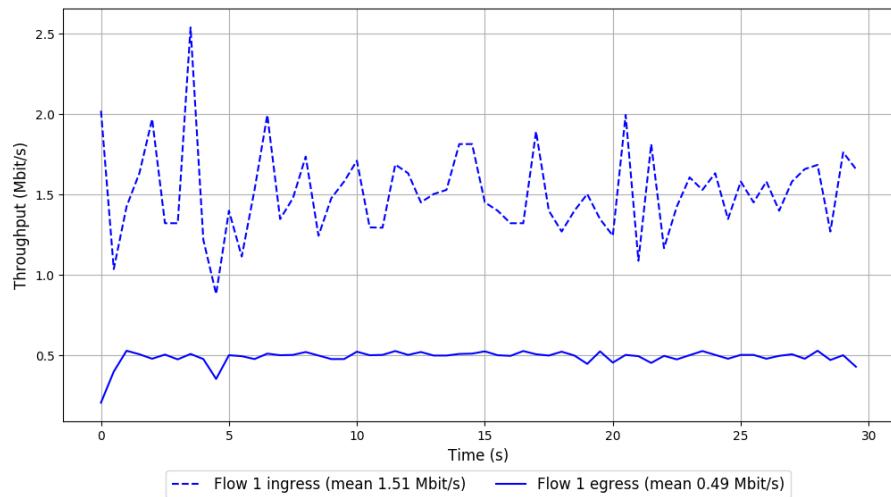


Run 6: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 03:01:15 +0000
End at: Tue, 01 Aug 2017 03:01:45 +0000
Local clock offset: 2.121 ms
Remote clock offset: 16.501 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:25 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 222.225 ms
Loss rate: 67.72%
-- Flow 1:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 222.225 ms
Loss rate: 67.72%
```

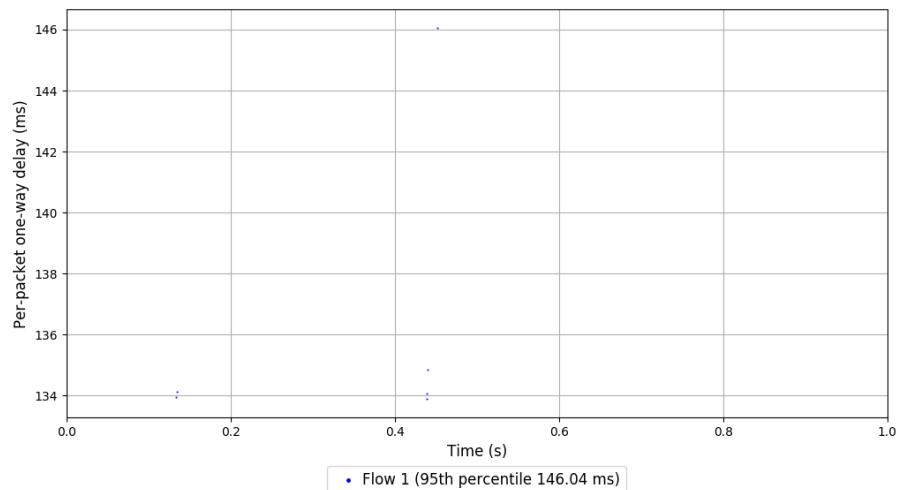
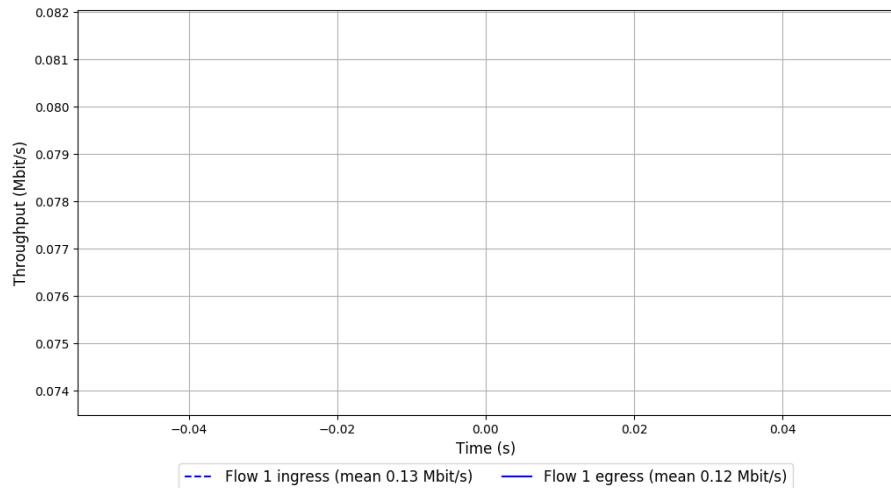
Run 6: Report of TaoVA-100x — Data Link



Run 7: Statistics of TaoVA-100x

Start at: Tue, 01 Aug 2017 03:22:48 +0000
End at: Tue, 01 Aug 2017 03:23:18 +0000
Local clock offset: 3.236 ms
Remote clock offset: -59.194 ms

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

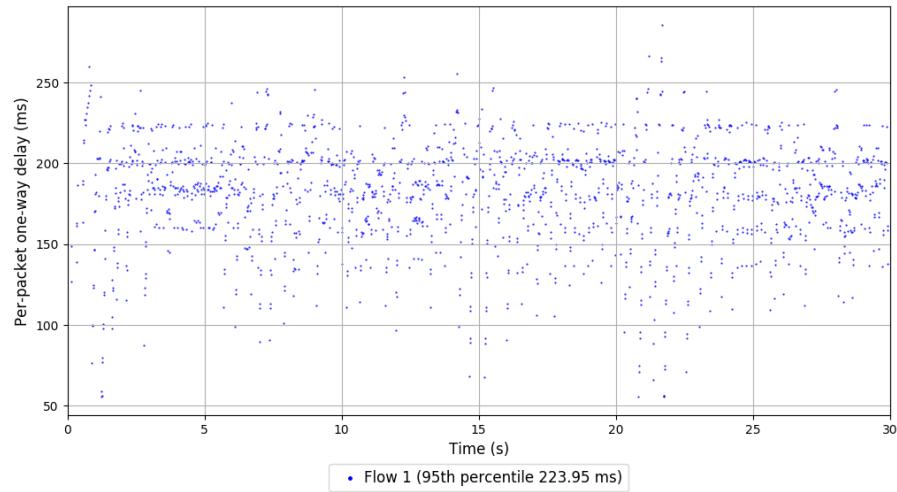
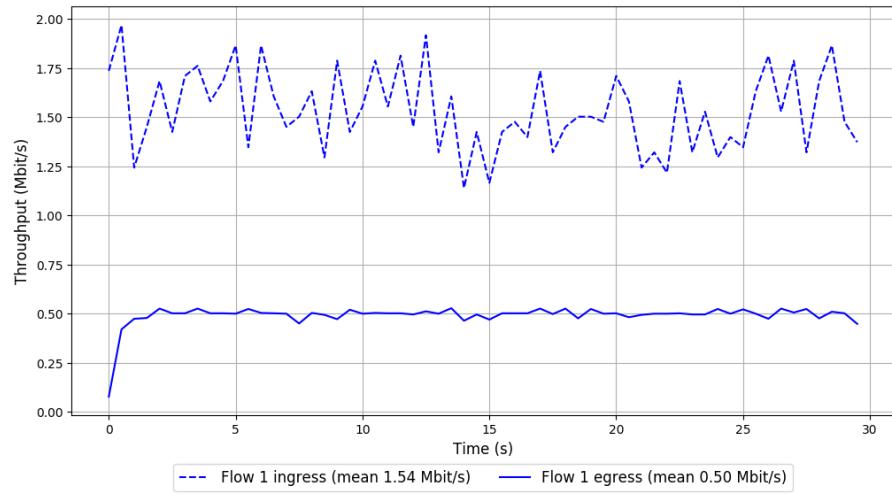


Run 8: Statistics of TaoVA-100x

```
Start at: Tue, 01 Aug 2017 03:41:46 +0000
End at: Tue, 01 Aug 2017 03:42:16 +0000
Local clock offset: 3.309 ms
Remote clock offset: 16.909 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:26 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 223.948 ms
Loss rate: 67.98%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 223.948 ms
Loss rate: 67.98%
```

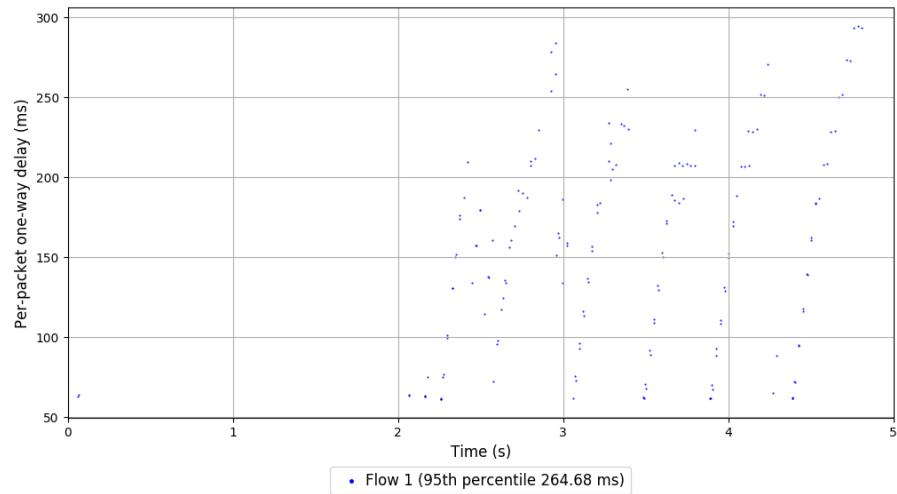
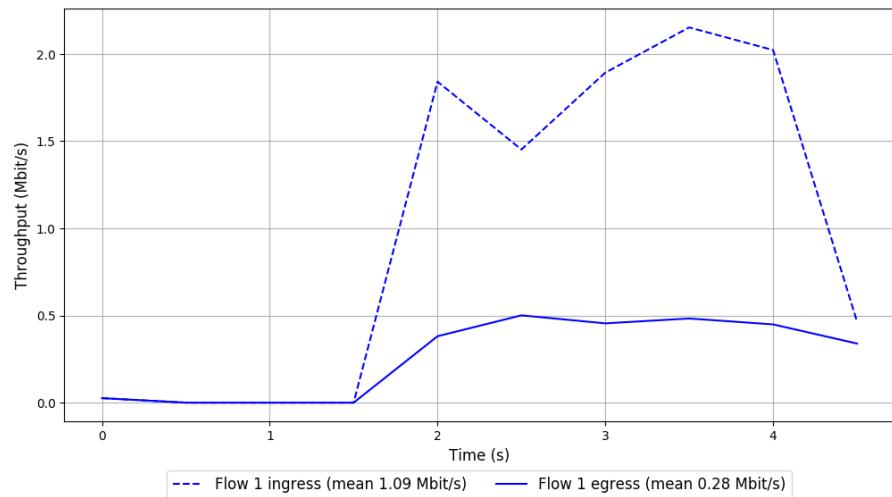
Run 8: Report of TaoVA-100x — Data Link



Run 9: Statistics of TaoVA-100x

Start at: Tue, 01 Aug 2017 04:02:13 +0000
End at: Tue, 01 Aug 2017 04:02:43 +0000
Local clock offset: 2.322 ms
Remote clock offset: 9.02 ms

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



Run 10: Statistics of TaoVA-100x

Start at: Tue, 01 Aug 2017 04:21:57 +0000

End at: Tue, 01 Aug 2017 04:22:27 +0000

Local clock offset: 0.484 ms

Remote clock offset: 6.089 ms

Below is generated by plot.py at Tue, 01 Aug 2017 04:32:27 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.50 Mbit/s

95th percentile per-packet one-way delay: 229.584 ms

Loss rate: 66.59%

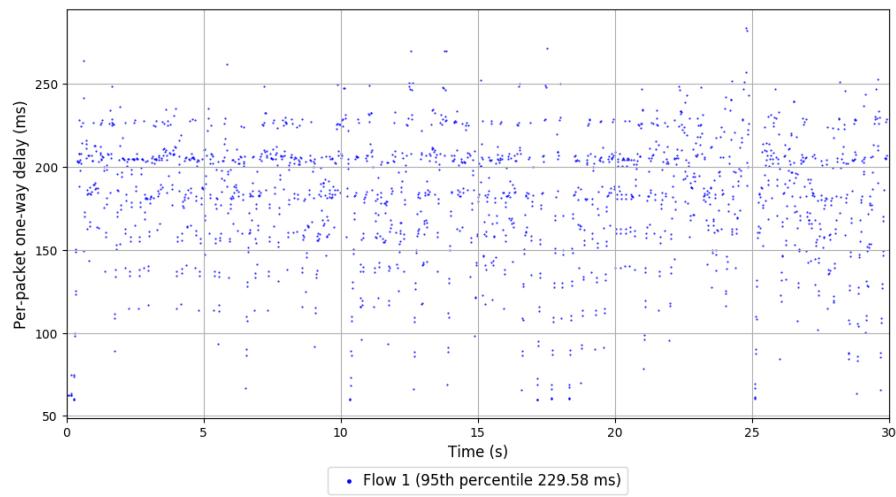
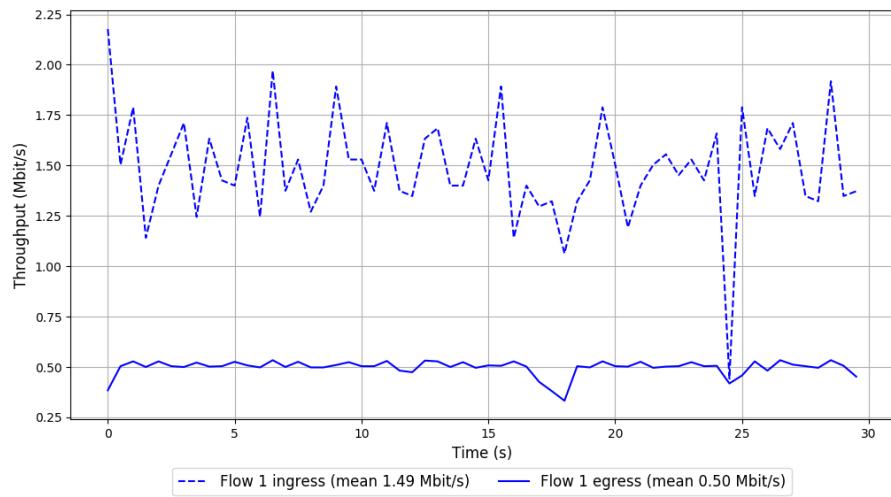
-- Flow 1:

Average throughput: 0.50 Mbit/s

95th percentile per-packet one-way delay: 229.584 ms

Loss rate: 66.59%

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

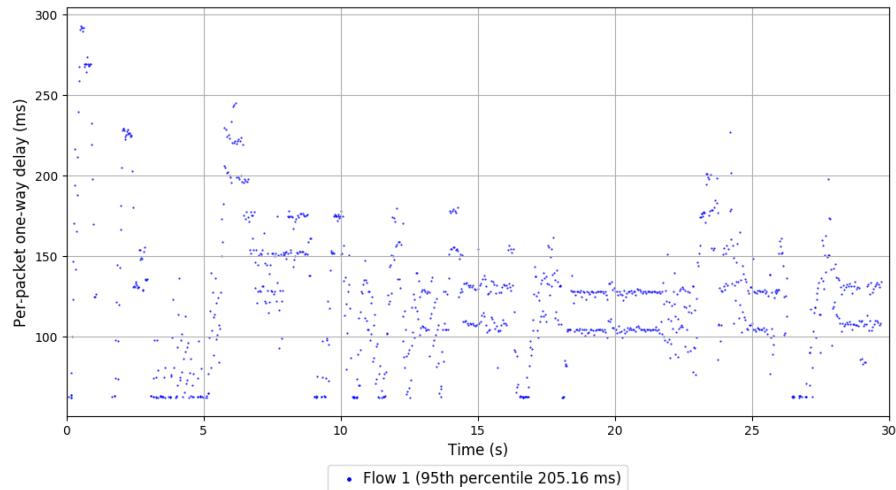
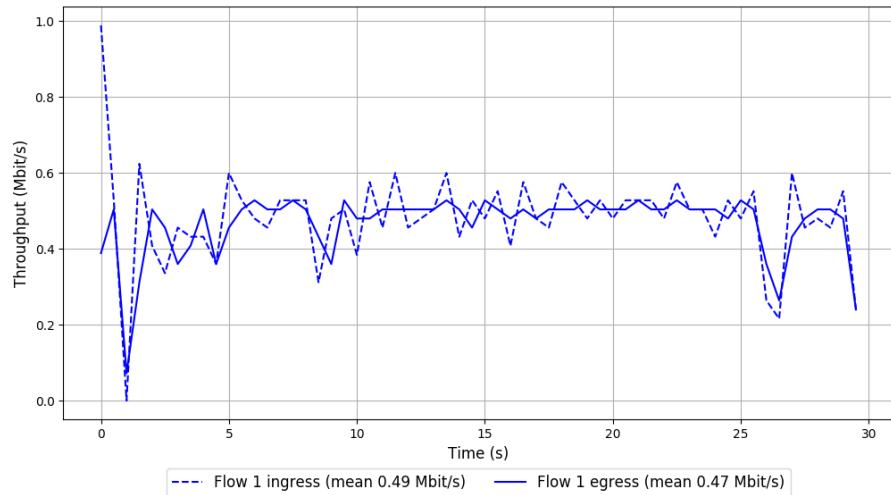


Run 1: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 01:08:27 +0000
End at: Tue, 01 Aug 2017 01:08:57 +0000
Local clock offset: 1.687 ms
Remote clock offset: 6.871 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:27 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 205.158 ms
Loss rate: 3.06%
-- Flow 1:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 205.158 ms
Loss rate: 3.06%
```

Run 1: Report of TCP Vegas — Data Link

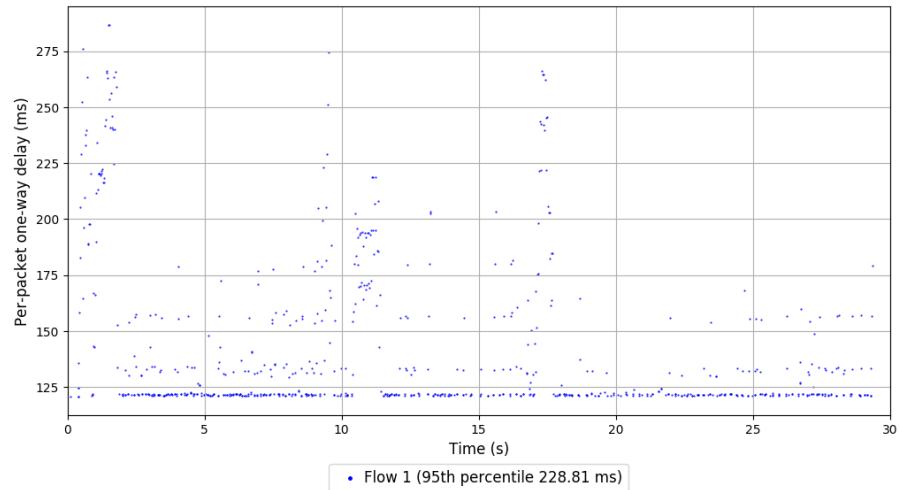
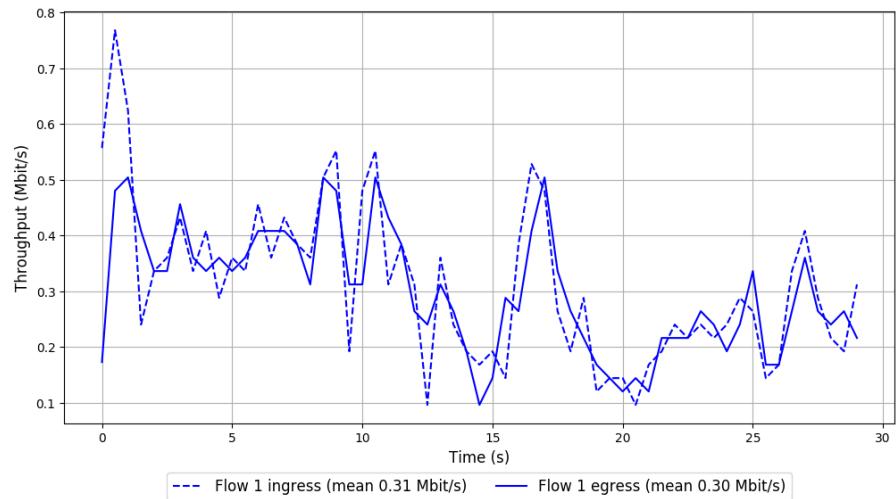


Run 2: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 01:27:41 +0000
End at: Tue, 01 Aug 2017 01:28:11 +0000
Local clock offset: 1.63 ms
Remote clock offset: -52.613 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:28 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 228.812 ms
Loss rate: 4.54%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 228.812 ms
Loss rate: 4.54%
```

Run 2: Report of TCP Vegas — Data Link

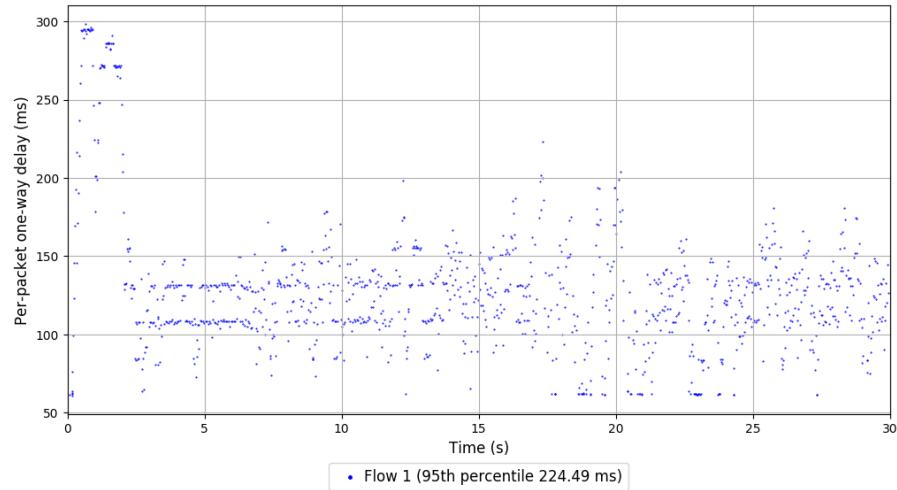
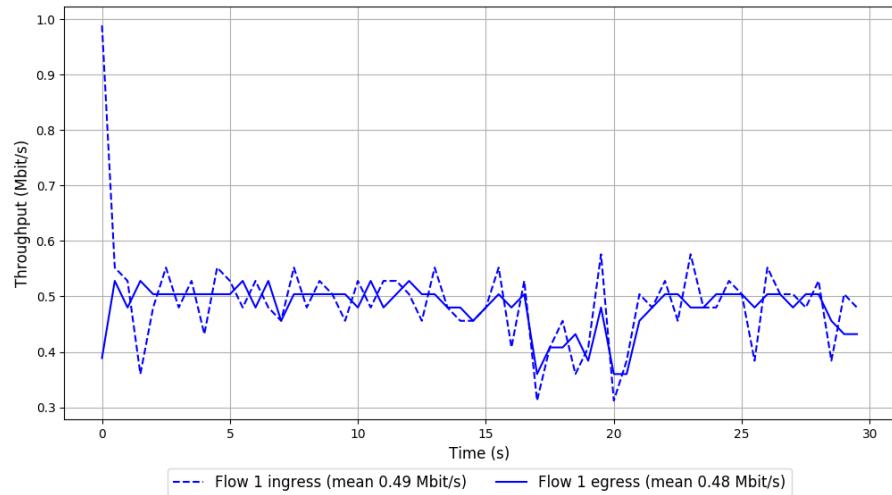


Run 3: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 01:46:40 +0000
End at: Tue, 01 Aug 2017 01:47:10 +0000
Local clock offset: -0.32 ms
Remote clock offset: 3.943 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 224.487 ms
Loss rate: 2.28%
-- Flow 1:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 224.487 ms
Loss rate: 2.28%
```

Run 3: Report of TCP Vegas — Data Link

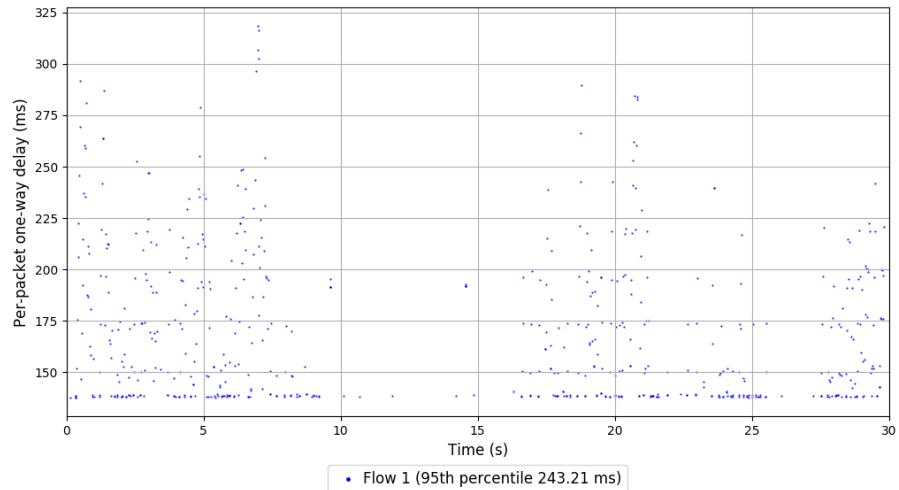
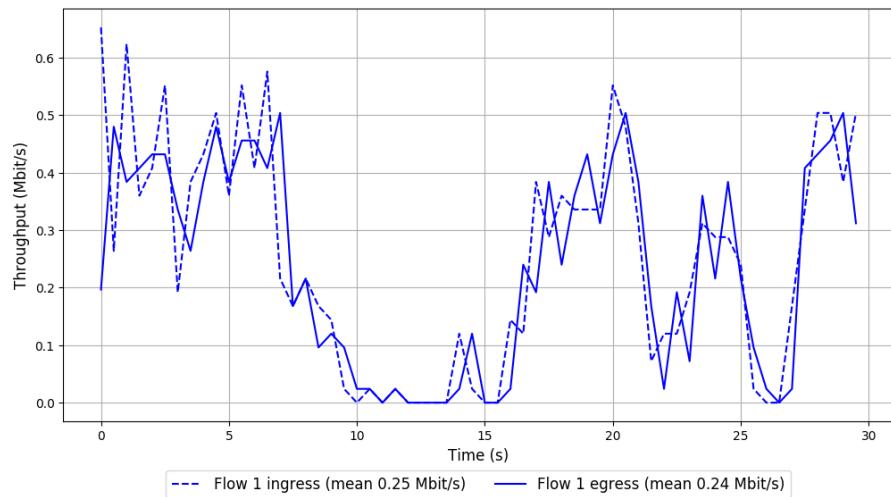


Run 4: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 02:06:02 +0000
End at: Tue, 01 Aug 2017 02:06:32 +0000
Local clock offset: 2.202 ms
Remote clock offset: -68.564 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 243.213 ms
Loss rate: 5.24%
-- Flow 1:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 243.213 ms
Loss rate: 5.24%
```

Run 4: Report of TCP Vegas — Data Link

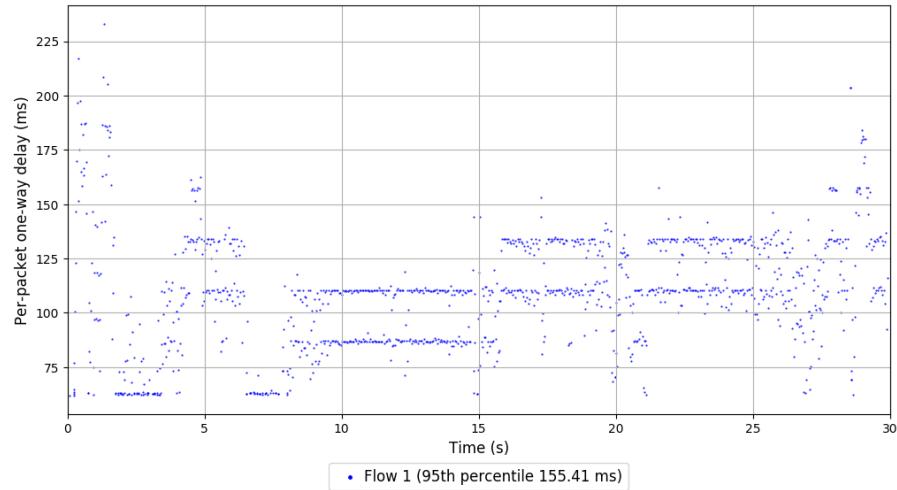
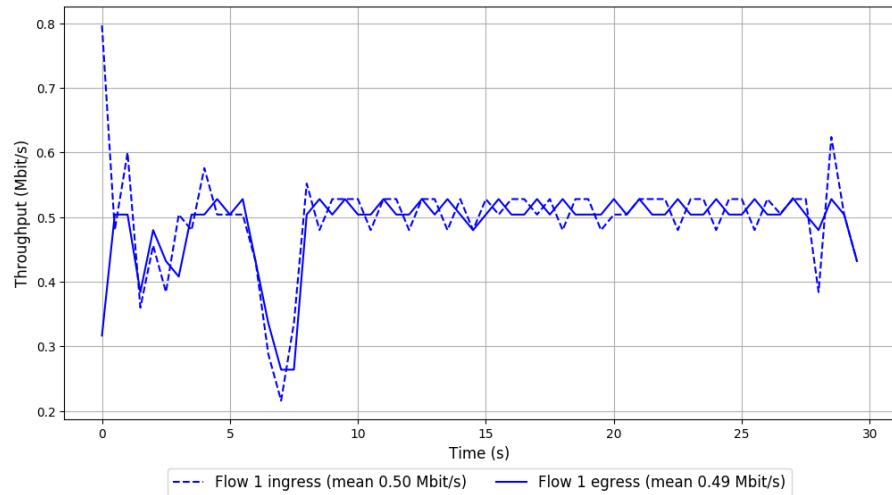


Run 5: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 02:26:47 +0000
End at: Tue, 01 Aug 2017 02:27:17 +0000
Local clock offset: 1.141 ms
Remote clock offset: 4.72 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:29 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 155.415 ms
Loss rate: 2.01%
-- Flow 1:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 155.415 ms
Loss rate: 2.01%
```

Run 5: Report of TCP Vegas — Data Link

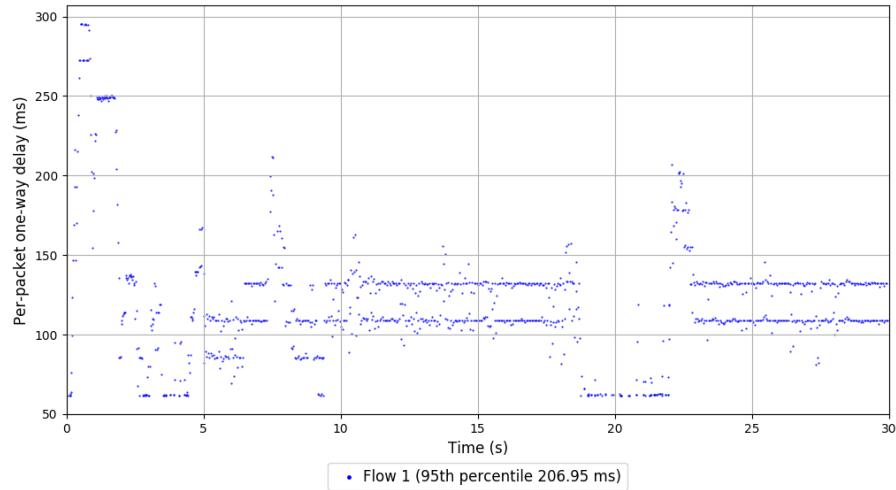
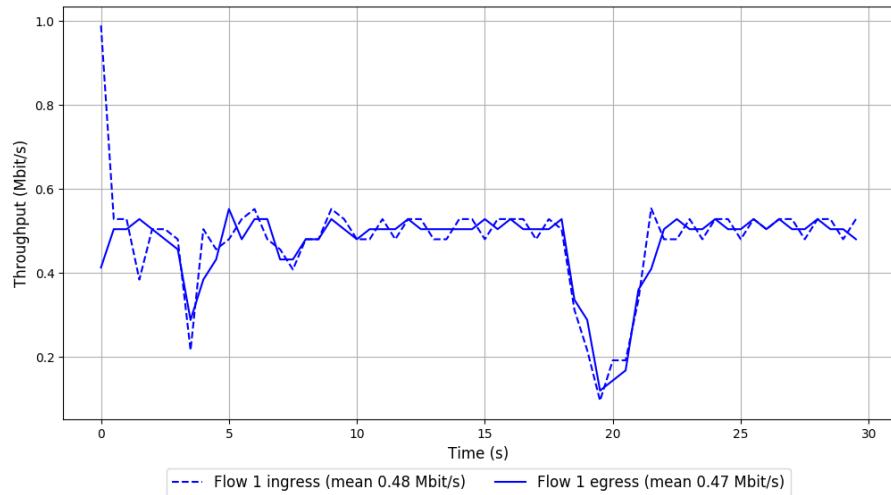


Run 6: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 02:51:27 +0000
End at: Tue, 01 Aug 2017 02:51:57 +0000
Local clock offset: -0.303 ms
Remote clock offset: 7.03 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 206.946 ms
Loss rate: 2.18%
-- Flow 1:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 206.946 ms
Loss rate: 2.18%
```

Run 6: Report of TCP Vegas — Data Link

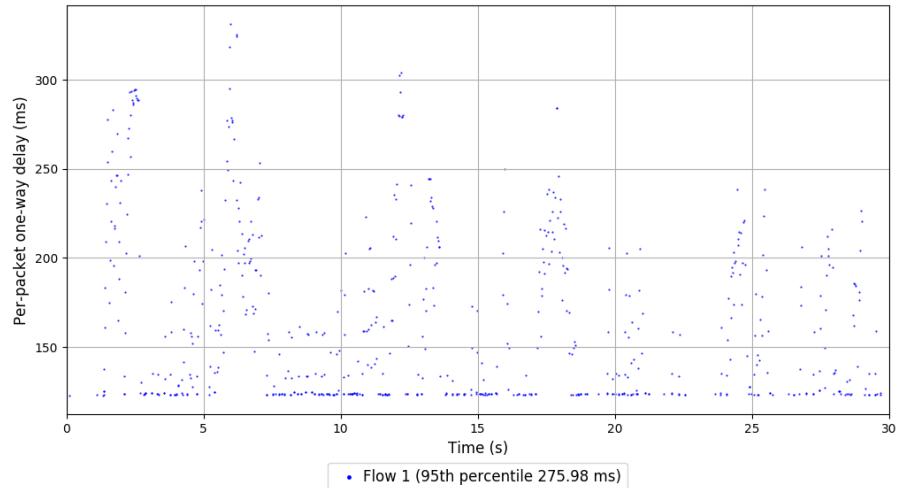
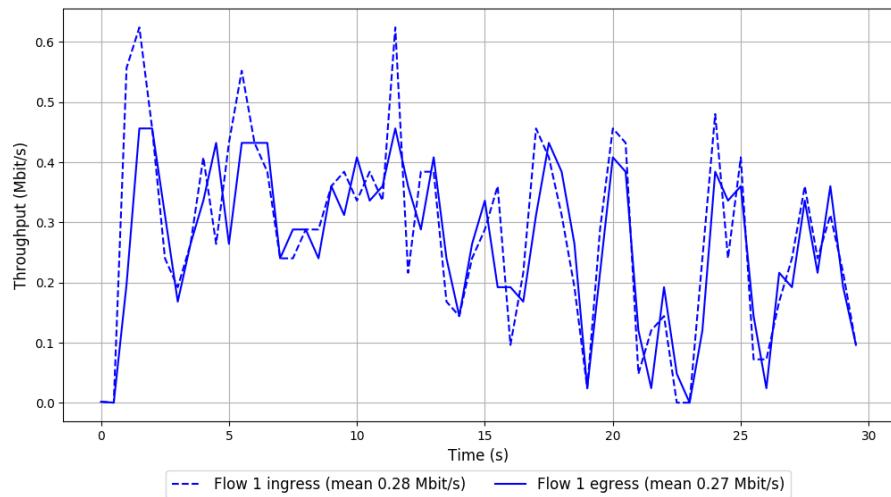


Run 7: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 03:12:57 +0000
End at: Tue, 01 Aug 2017 03:13:27 +0000
Local clock offset: 3.064 ms
Remote clock offset: -51.818 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:31 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 275.979 ms
Loss rate: 5.71%
-- Flow 1:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 275.979 ms
Loss rate: 5.71%
```

Run 7: Report of TCP Vegas — Data Link

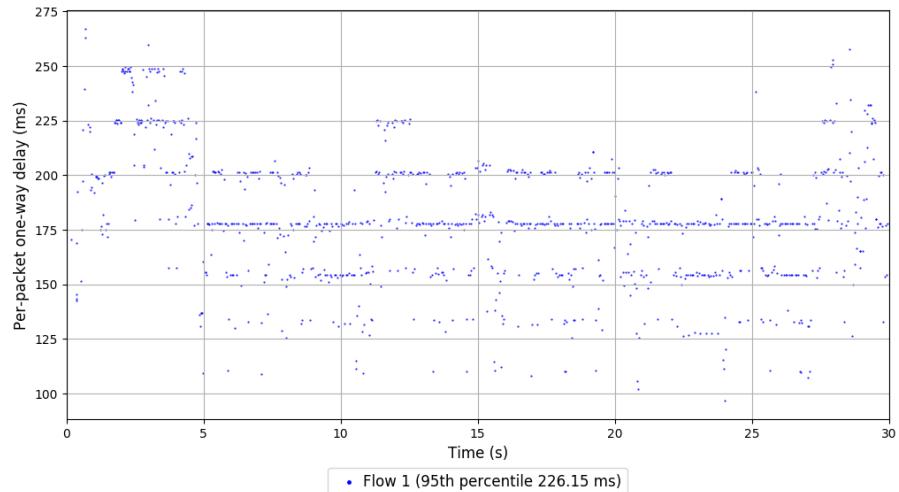
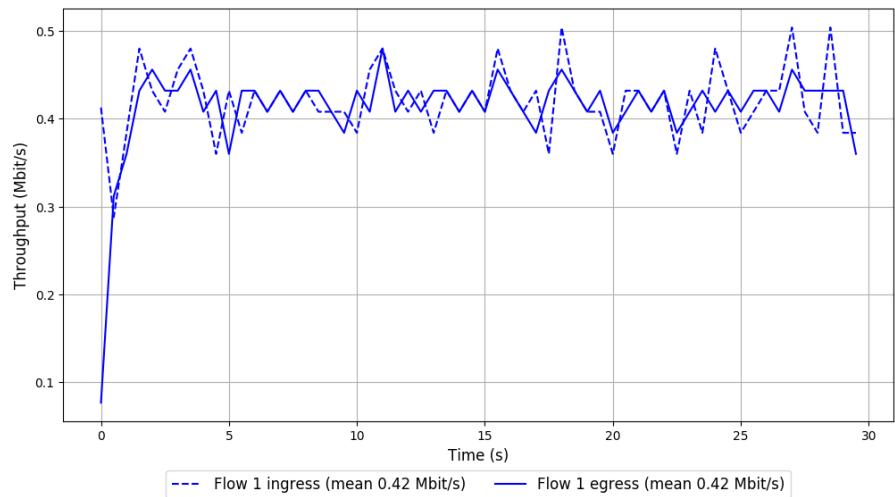


Run 8: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 03:32:47 +0000
End at: Tue, 01 Aug 2017 03:33:17 +0000
Local clock offset: 3.558 ms
Remote clock offset: 10.438 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 226.145 ms
Loss rate: 1.52%
-- Flow 1:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 226.145 ms
Loss rate: 1.52%
```

Run 8: Report of TCP Vegas — Data Link

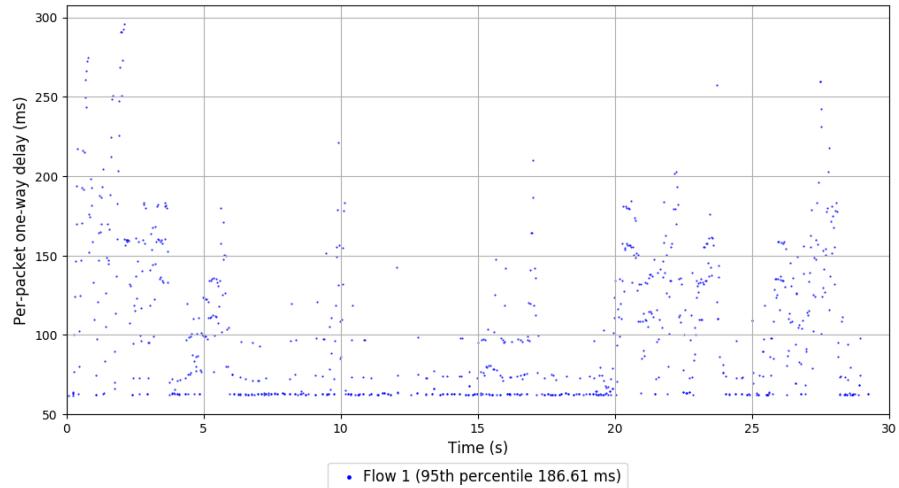
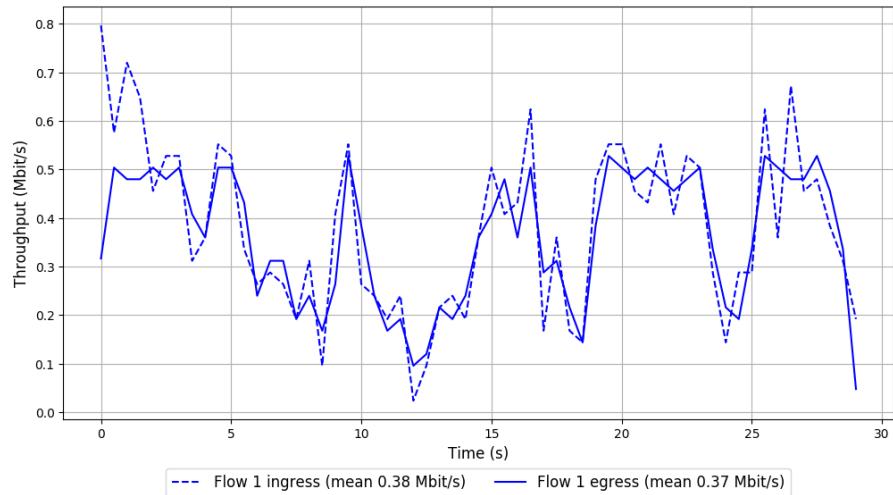


Run 9: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 03:51:48 +0000
End at: Tue, 01 Aug 2017 03:52:18 +0000
Local clock offset: 3.201 ms
Remote clock offset: 10.041 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:32 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 186.610 ms
Loss rate: 5.00%
-- Flow 1:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 186.610 ms
Loss rate: 5.00%
```

Run 9: Report of TCP Vegas — Data Link

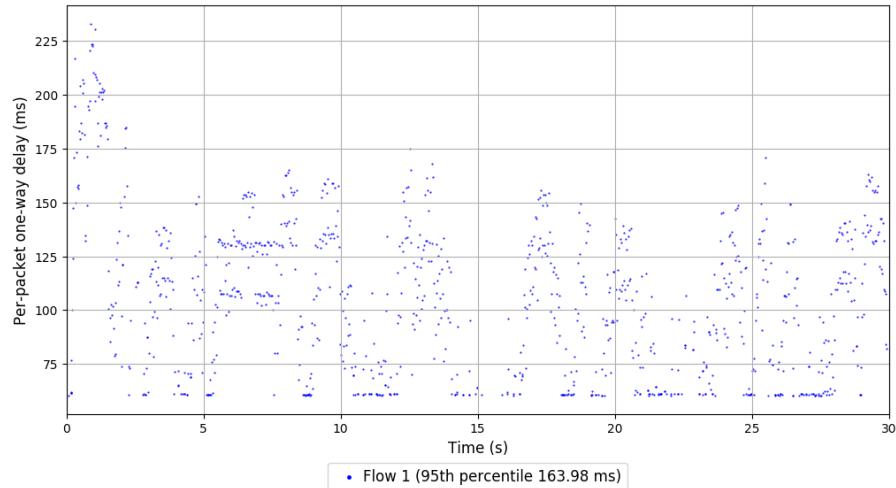
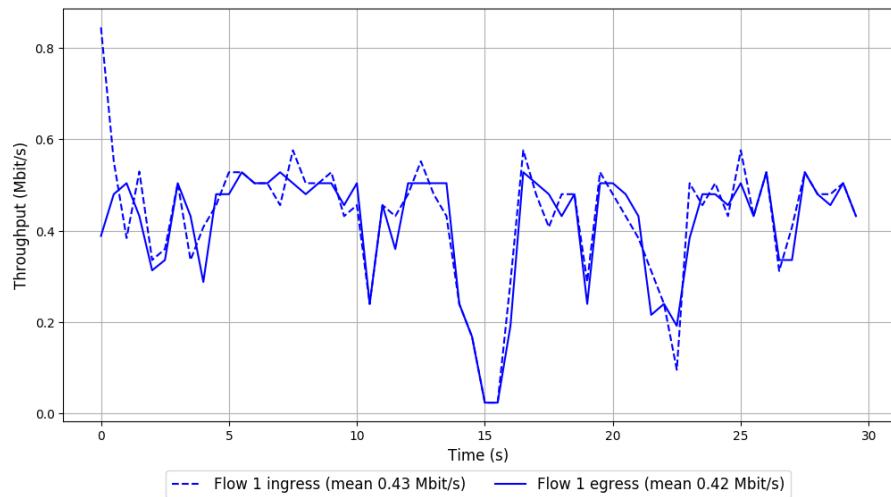


Run 10: Statistics of TCP Vegas

```
Start at: Tue, 01 Aug 2017 04:12:30 +0000
End at: Tue, 01 Aug 2017 04:13:00 +0000
Local clock offset: 2.219 ms
Remote clock offset: 7.779 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 163.984 ms
Loss rate: 3.35%
-- Flow 1:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 163.984 ms
Loss rate: 3.35%
```

Run 10: Report of TCP Vegas — Data Link

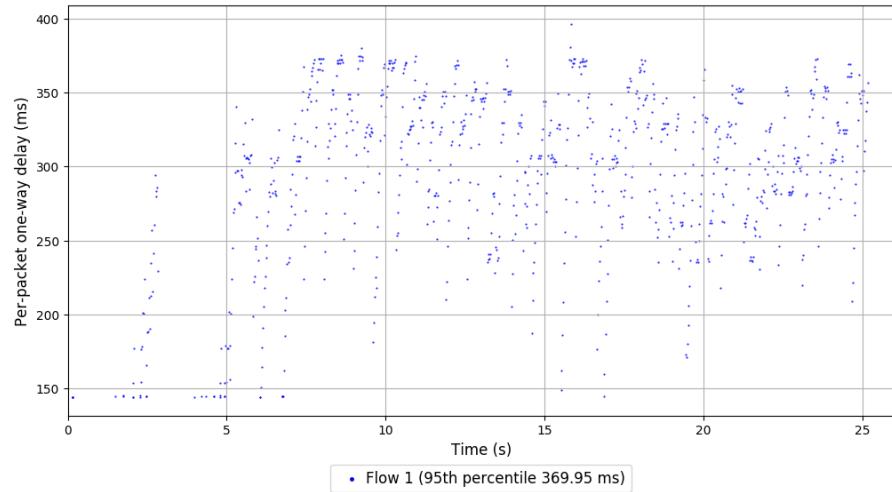
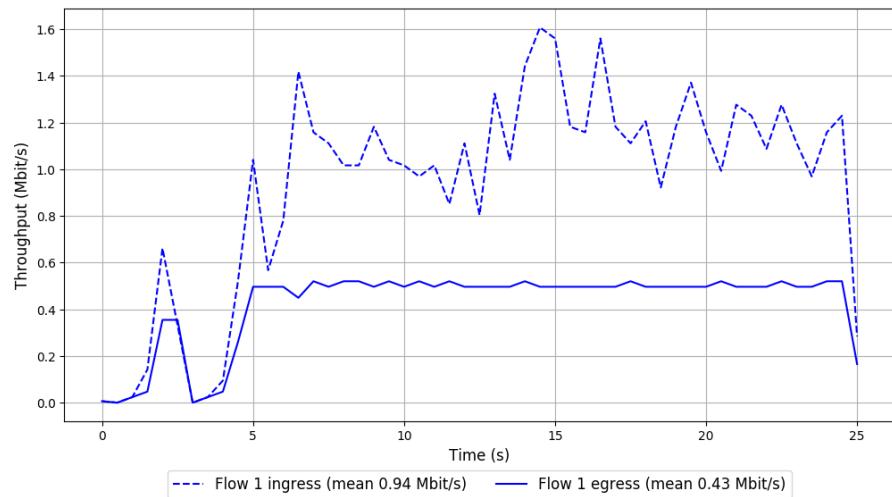


Run 1: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 01:12:22 +0000
End at: Tue, 01 Aug 2017 01:12:52 +0000
Local clock offset: -1.22 ms
Remote clock offset: -78.673 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:33 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 369.948 ms
Loss rate: 55.02%
-- Flow 1:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 369.948 ms
Loss rate: 55.02%
```

Run 1: Report of Verus — Data Link

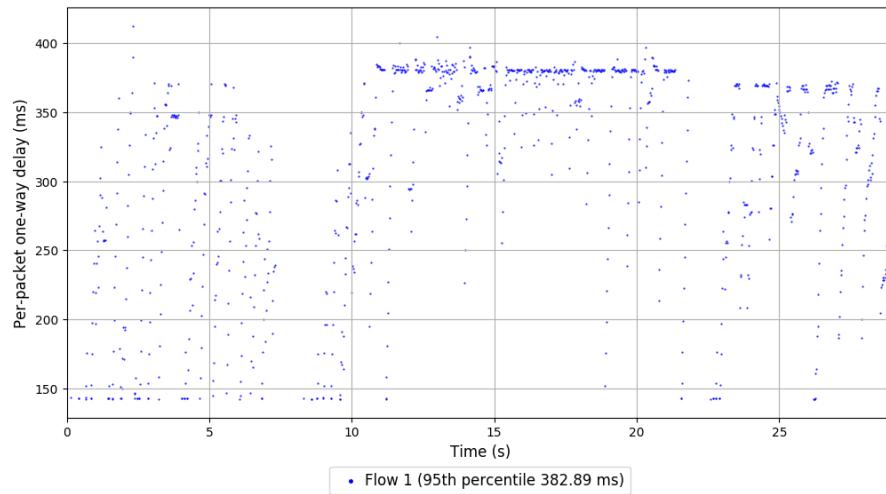
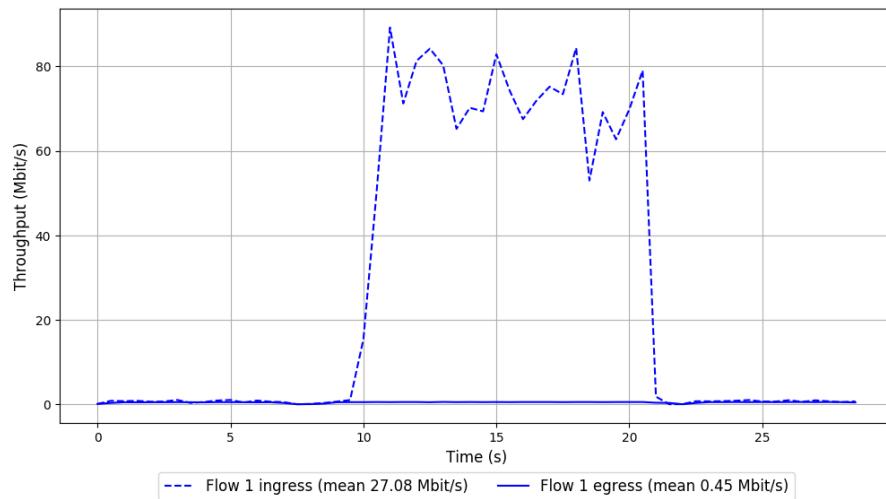


Run 2: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 01:31:56 +0000
End at: Tue, 01 Aug 2017 01:32:26 +0000
Local clock offset: 1.454 ms
Remote clock offset: -73.759 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 382.892 ms
Loss rate: 98.35%
-- Flow 1:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 382.892 ms
Loss rate: 98.35%
```

Run 2: Report of Verus — Data Link

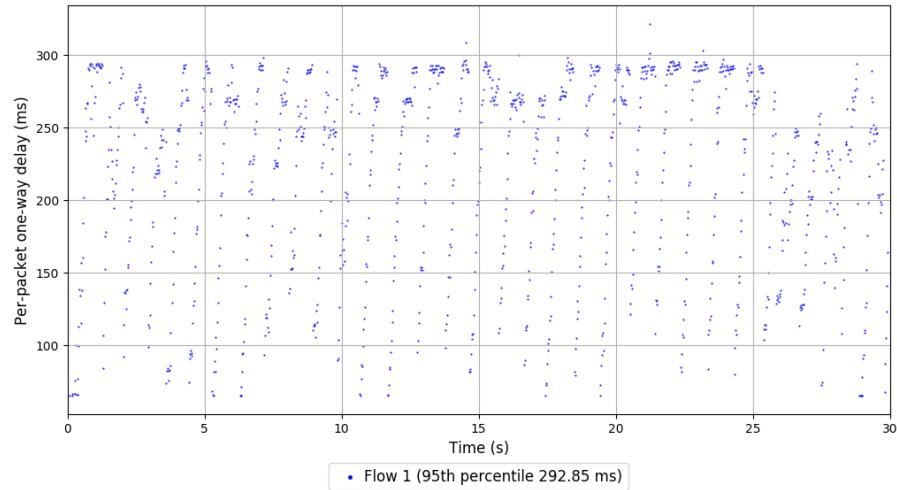
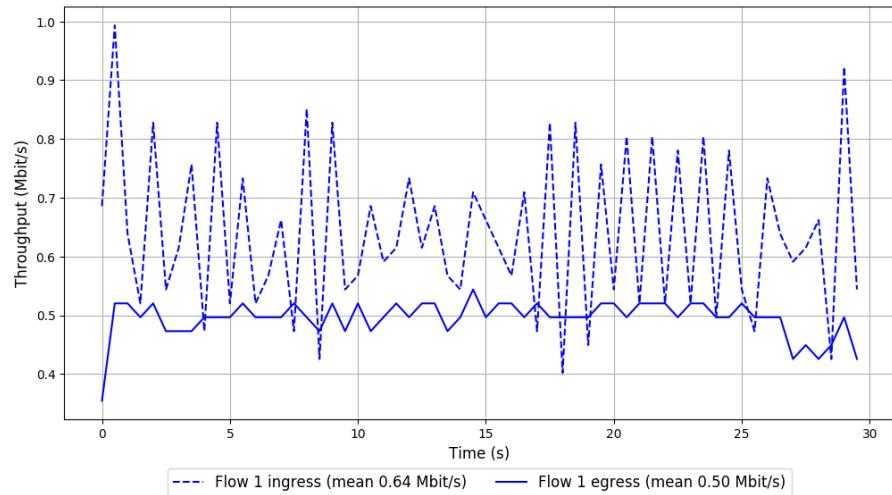


Run 3: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 01:50:26 +0000
End at: Tue, 01 Aug 2017 01:50:56 +0000
Local clock offset: -2.138 ms
Remote clock offset: -1.339 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 292.849 ms
Loss rate: 22.46%
-- Flow 1:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 292.849 ms
Loss rate: 22.46%
```

Run 3: Report of Verus — Data Link

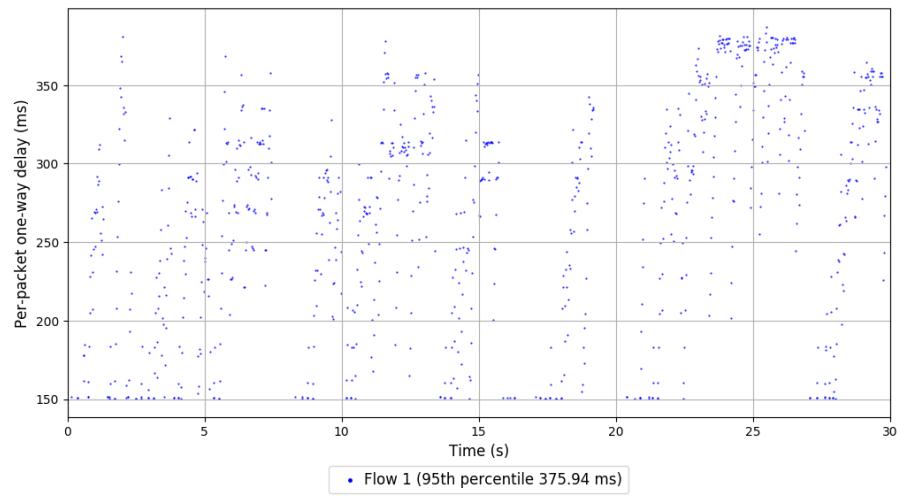
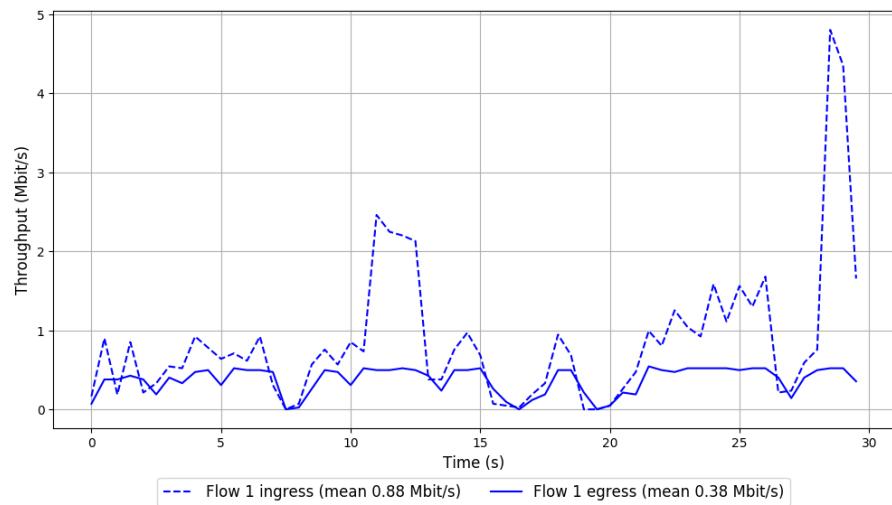


Run 4: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 02:11:20 +0000
End at: Tue, 01 Aug 2017 02:11:50 +0000
Local clock offset: 0.401 ms
Remote clock offset: -83.04 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 375.938 ms
Loss rate: 57.21%
-- Flow 1:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 375.938 ms
Loss rate: 57.21%
```

Run 4: Report of Verus — Data Link

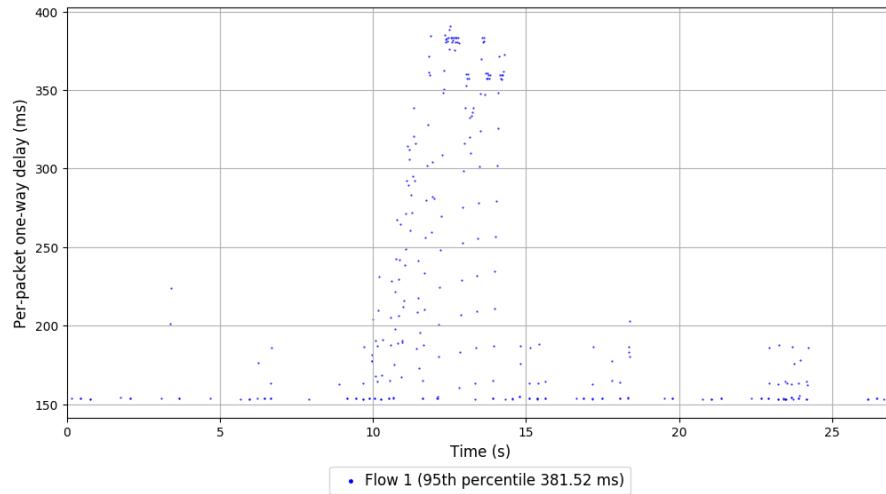
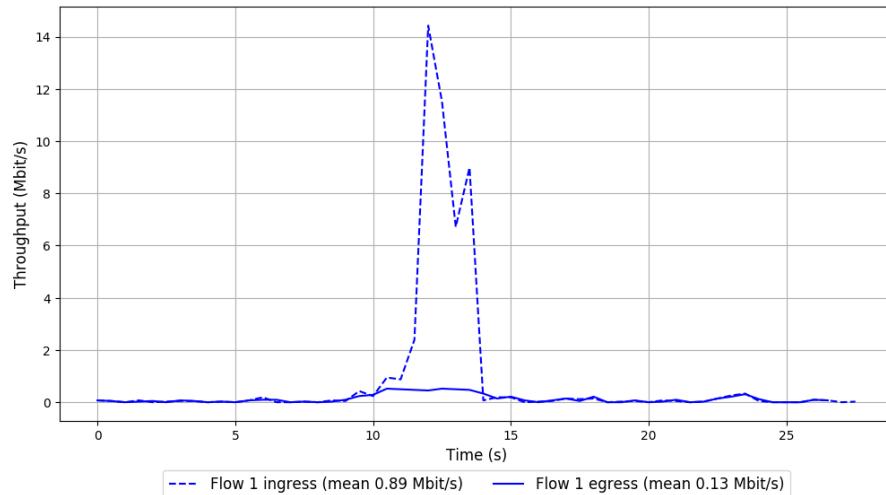


Run 5: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 02:32:05 +0000
End at: Tue, 01 Aug 2017 02:32:35 +0000
Local clock offset: 1.905 ms
Remote clock offset: -84.75 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:35 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 381.517 ms
Loss rate: 85.67%
-- Flow 1:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 381.517 ms
Loss rate: 85.67%
```

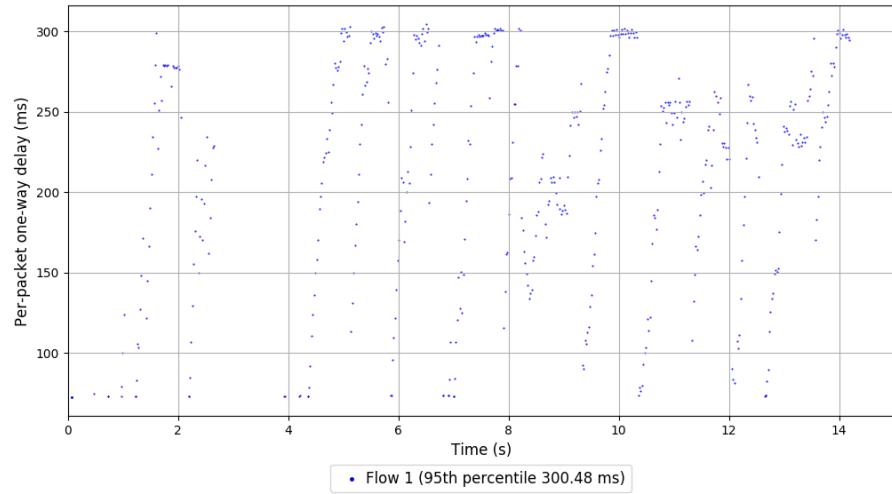
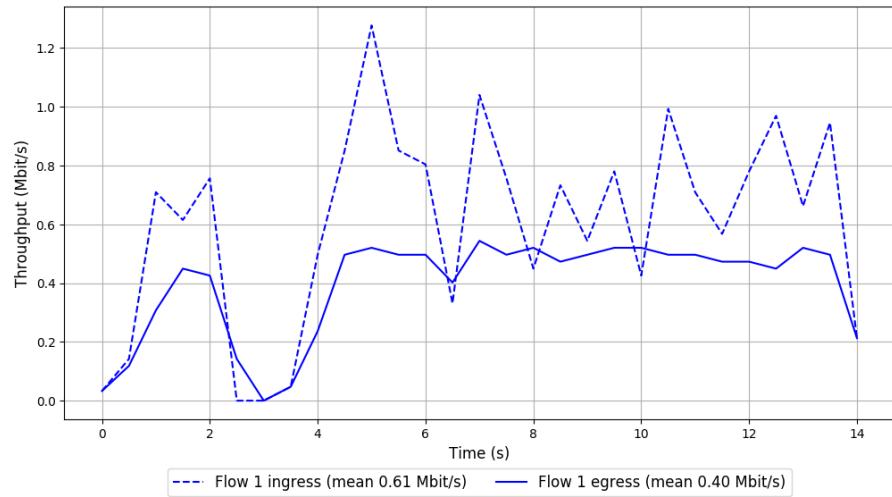
Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: Tue, 01 Aug 2017 02:55:31 +0000
End at: Tue, 01 Aug 2017 02:56:01 +0000
Local clock offset: 2.728 ms
Remote clock offset: -1.554 ms

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: Tue, 01 Aug 2017 03:16:58 +0000

End at: Tue, 01 Aug 2017 03:17:28 +0000

Local clock offset: 1.674 ms

Remote clock offset: -3.775 ms

Below is generated by plot.py at Tue, 01 Aug 2017 04:32:37 +0000

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 288.496 ms

Loss rate: 42.18%

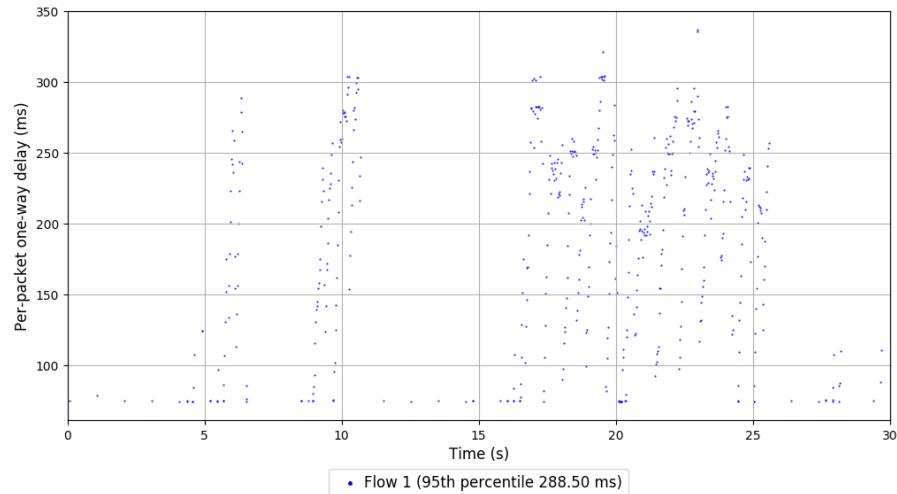
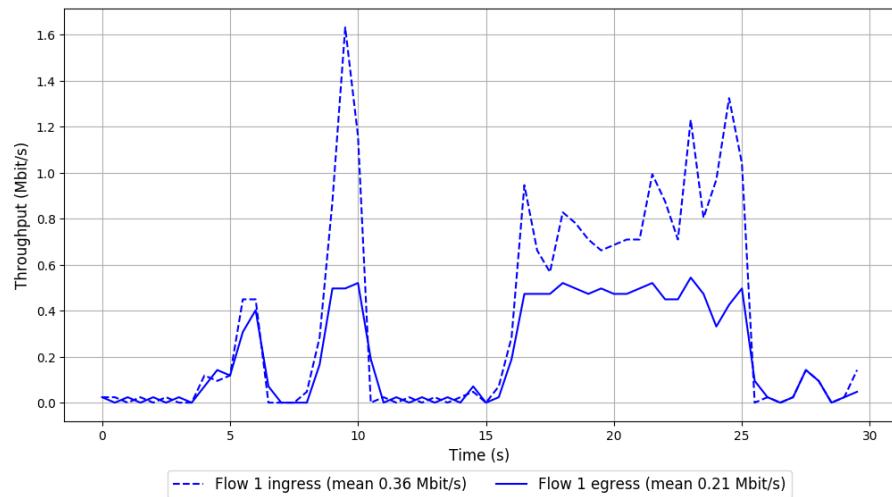
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 288.496 ms

Loss rate: 42.18%

Run 7: Report of Verus — Data Link

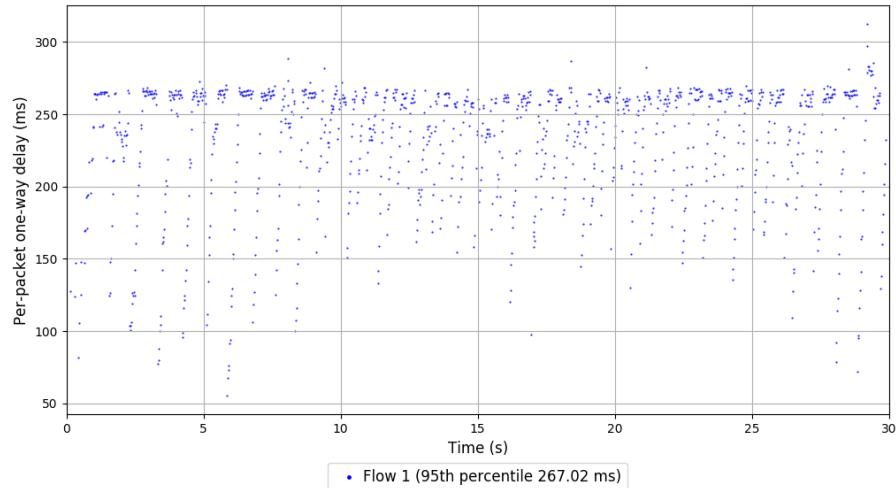
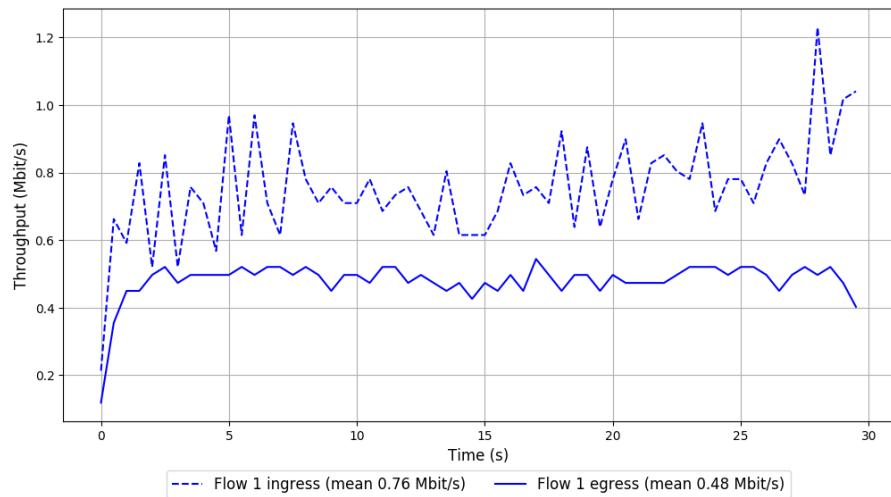


Run 8: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 03:36:34 +0000
End at: Tue, 01 Aug 2017 03:37:04 +0000
Local clock offset: 4.305 ms
Remote clock offset: 36.531 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:37 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 267.021 ms
Loss rate: 36.46%
-- Flow 1:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 267.021 ms
Loss rate: 36.46%
```

Run 8: Report of Verus — Data Link

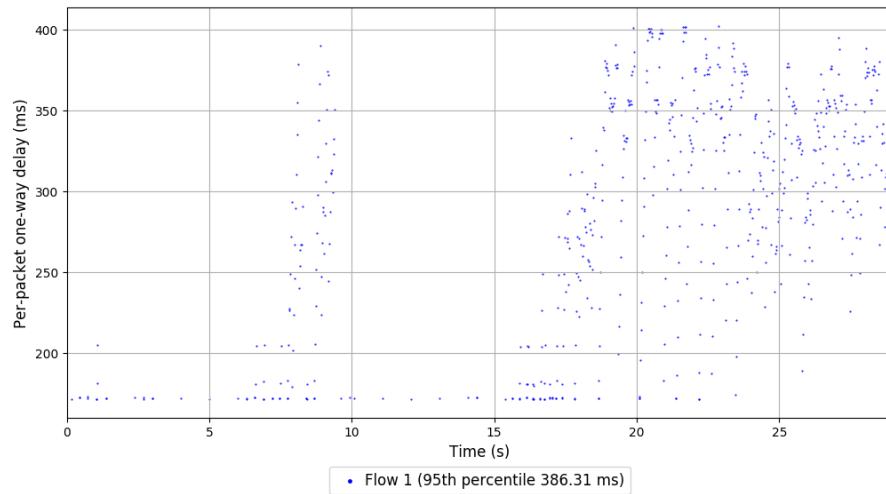
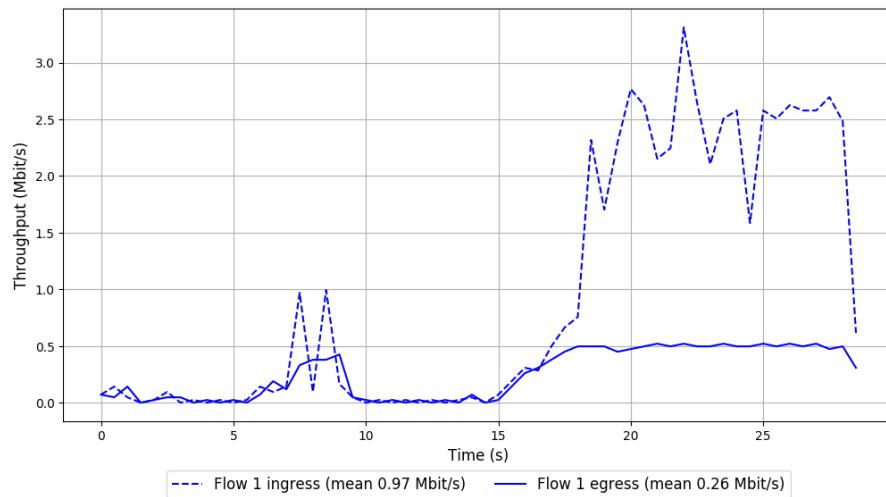


Run 9: Statistics of Verus

```
Start at: Tue, 01 Aug 2017 03:56:04 +0000
End at: Tue, 01 Aug 2017 03:56:34 +0000
Local clock offset: 3.654 ms
Remote clock offset: -98.878 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:38 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 386.305 ms
Loss rate: 73.20%
-- Flow 1:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 386.305 ms
Loss rate: 73.20%
```

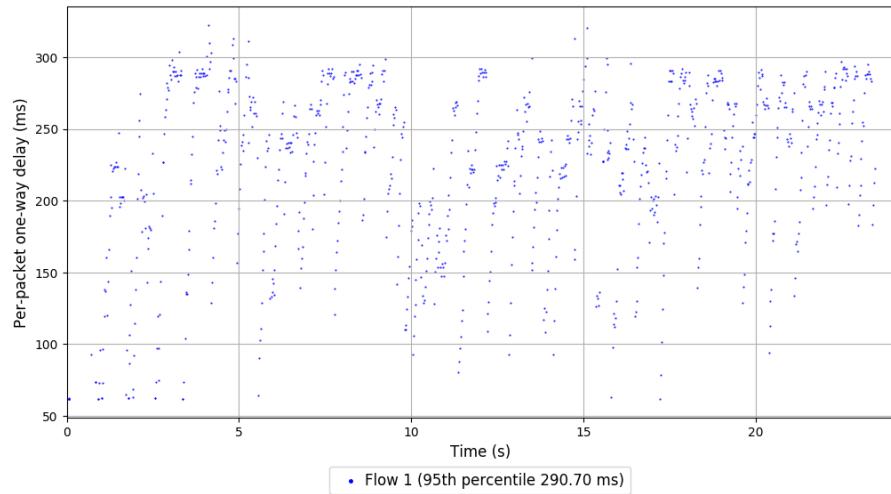
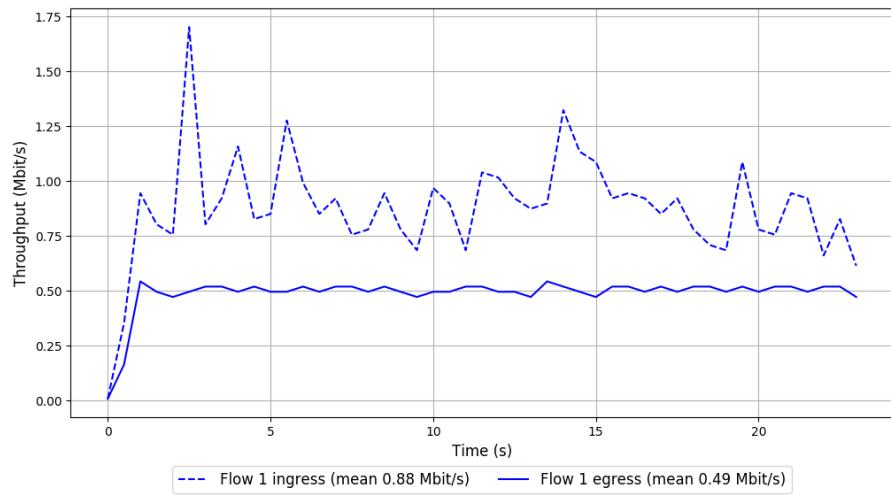
Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: Tue, 01 Aug 2017 04:16:43 +0000
End at: Tue, 01 Aug 2017 04:17:14 +0000
Local clock offset: 3.232 ms
Remote clock offset: 8.04 ms

Run 10: Report of Verus — Data Link

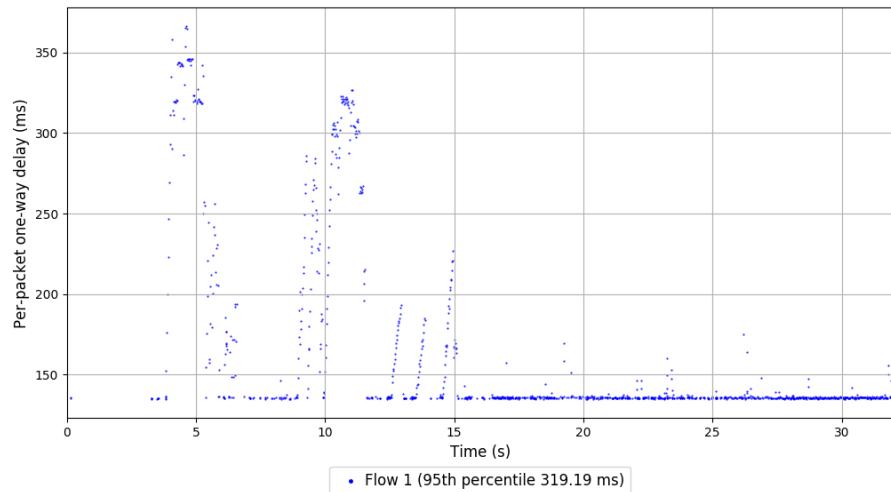
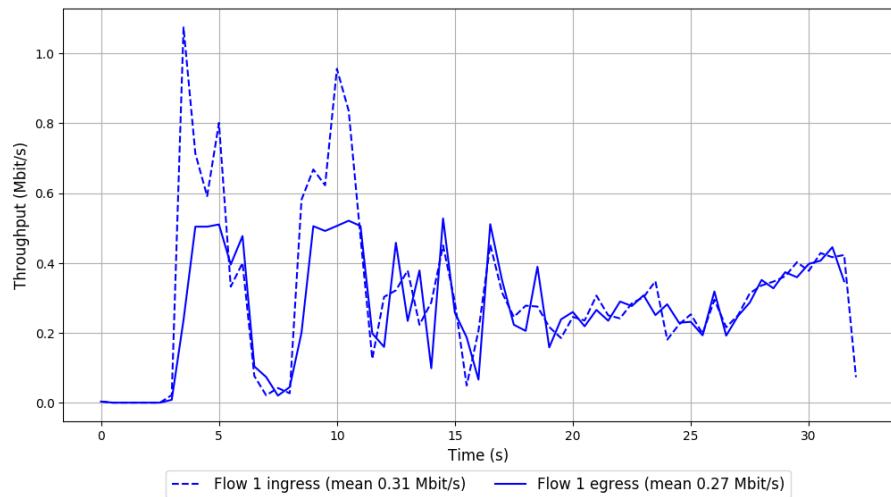


```
Run 1: Statistics of WebRTC media

Start at: Tue, 01 Aug 2017 01:20:42 +0000
End at: Tue, 01 Aug 2017 01:21:12 +0000
Local clock offset: 0.246 ms
Remote clock offset: -67.796 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 319.193 ms
Loss rate: 13.91%
-- Flow 1:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 319.193 ms
Loss rate: 13.91%
```

Run 1: Report of WebRTC media — Data Link

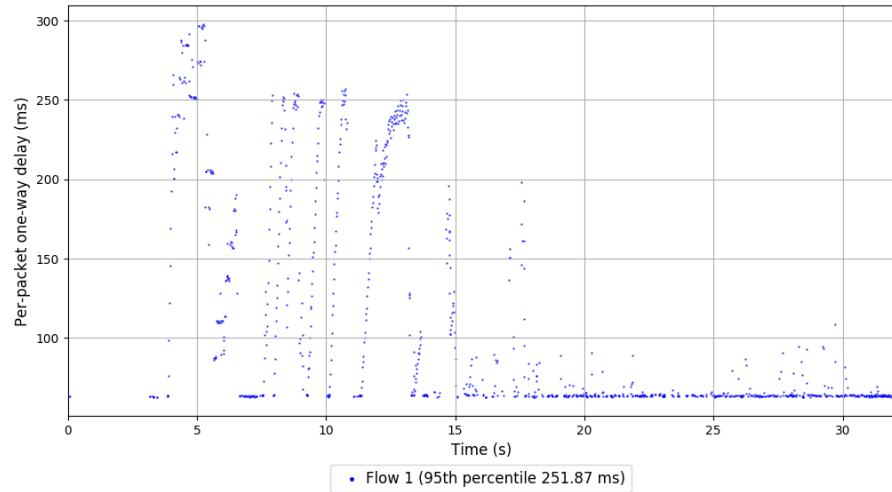
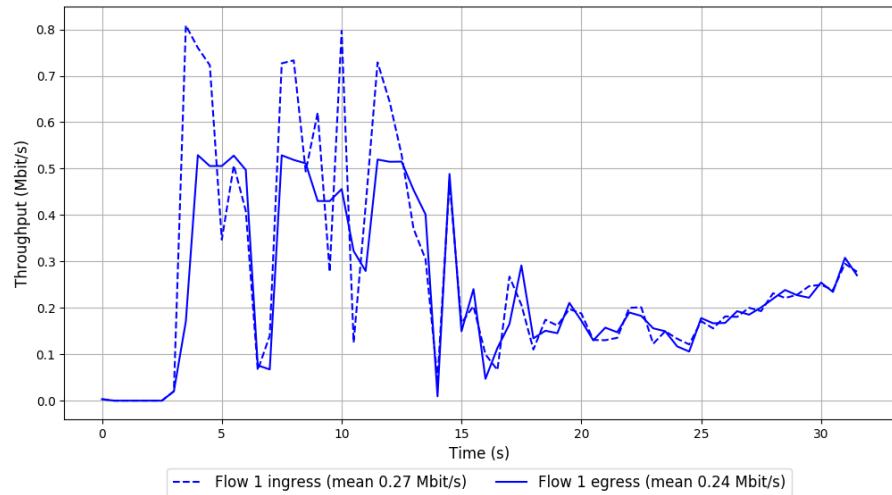


Run 2: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 01:40:13 +0000
End at: Tue, 01 Aug 2017 01:40:43 +0000
Local clock offset: 1.15 ms
Remote clock offset: 3.575 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:39 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 251.866 ms
Loss rate: 10.45%
-- Flow 1:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 251.866 ms
Loss rate: 10.45%
```

Run 2: Report of WebRTC media — Data Link

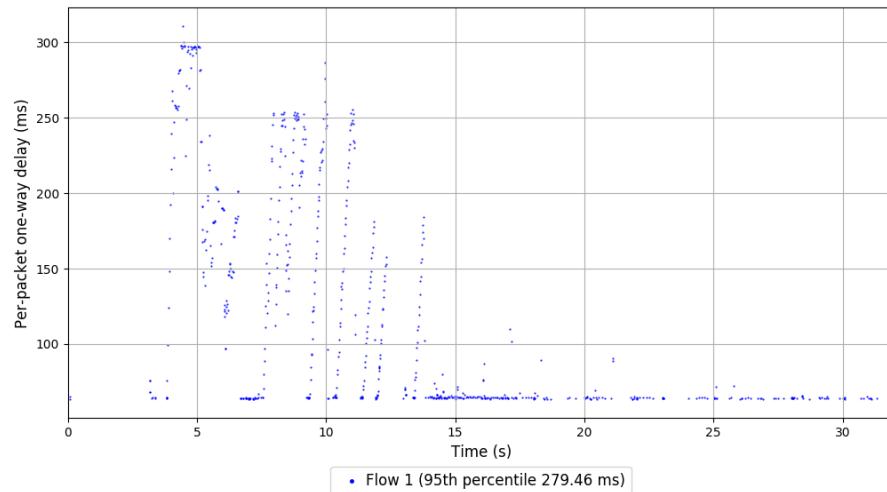
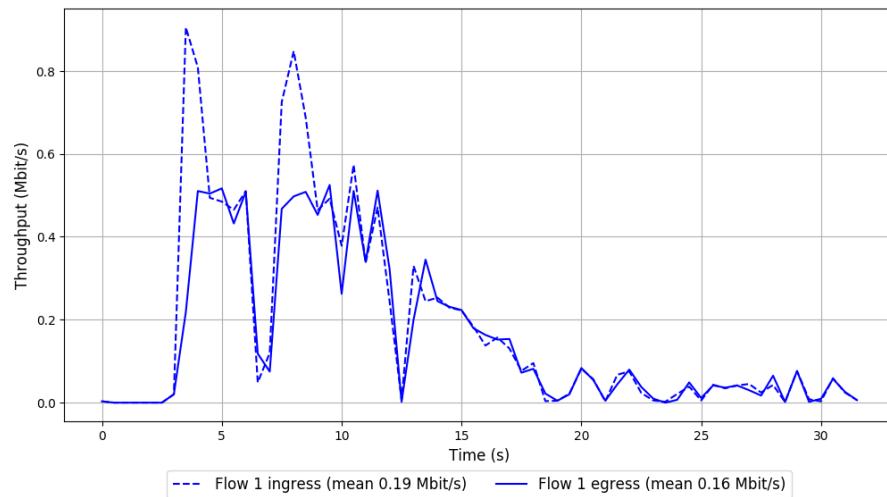


```
Run 3: Statistics of WebRTC media

Start at: Tue, 01 Aug 2017 01:58:48 +0000
End at: Tue, 01 Aug 2017 01:59:18 +0000
Local clock offset: 2.249 ms
Remote clock offset: 4.452 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 279.462 ms
Loss rate: 14.84%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 279.462 ms
Loss rate: 14.84%
```

Run 3: Report of WebRTC media — Data Link

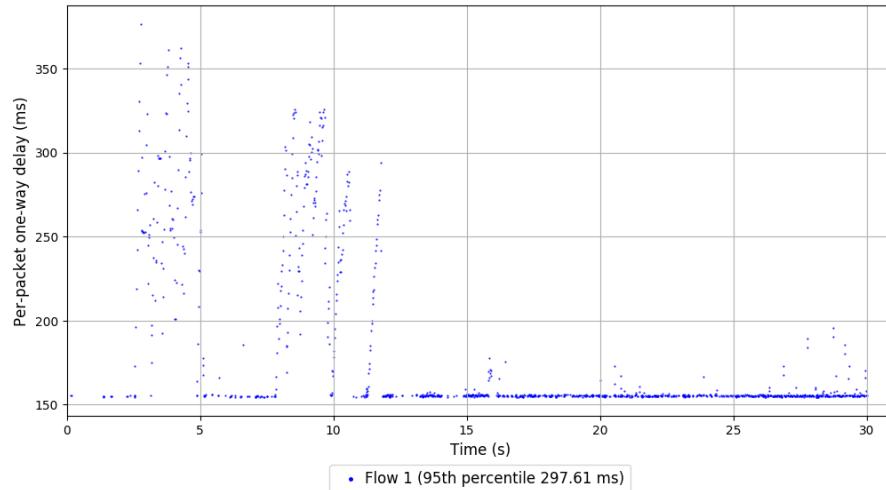
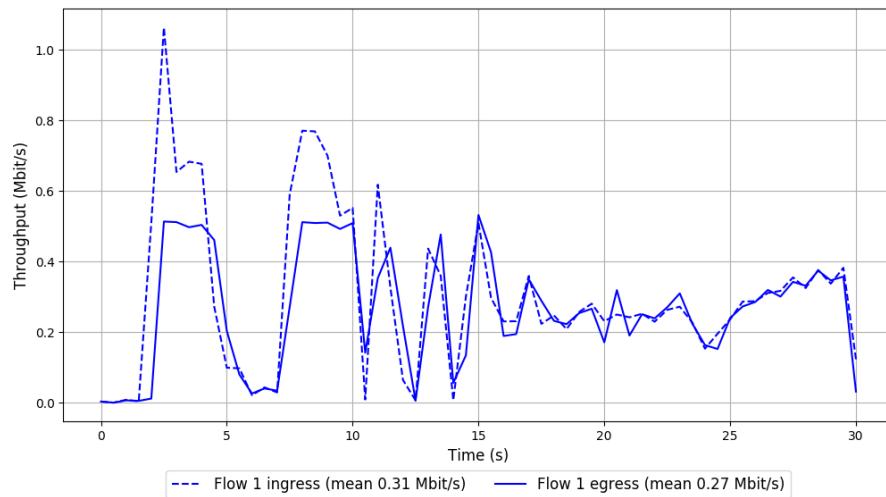


Run 4: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 02:19:36 +0000
End at: Tue, 01 Aug 2017 02:20:06 +0000
Local clock offset: -0.108 ms
Remote clock offset: -88.73 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:40 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 297.608 ms
Loss rate: 13.15%
-- Flow 1:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 297.608 ms
Loss rate: 13.15%
```

Run 4: Report of WebRTC media — Data Link

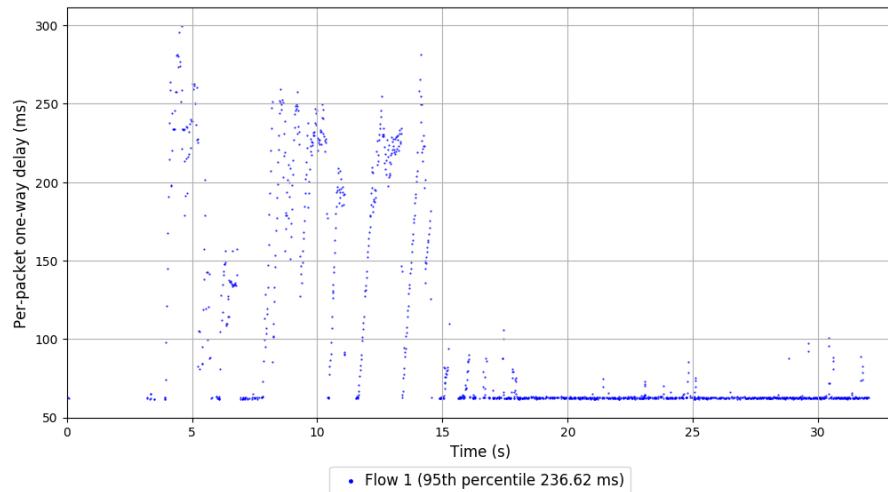
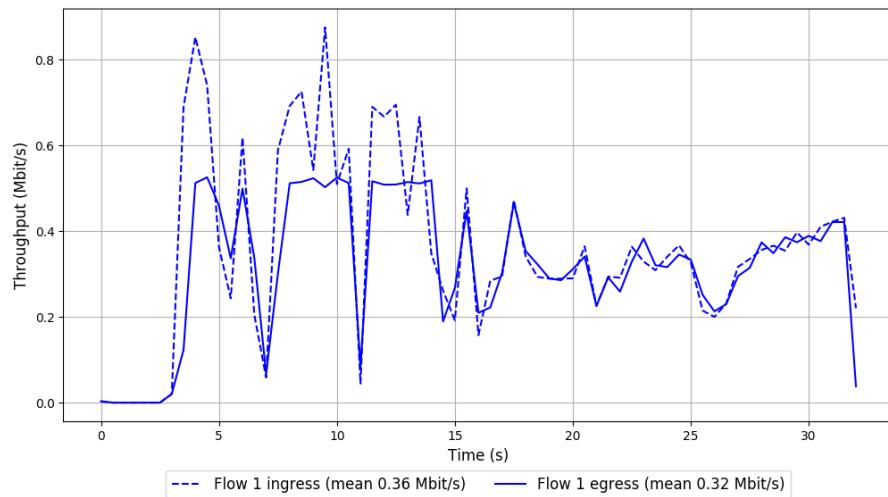


Run 5: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 02:42:48 +0000
End at: Tue, 01 Aug 2017 02:43:18 +0000
Local clock offset: -0.707 ms
Remote clock offset: 3.927 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 236.617 ms
Loss rate: 11.49%
-- Flow 1:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 236.617 ms
Loss rate: 11.49%
```

Run 5: Report of WebRTC media — Data Link

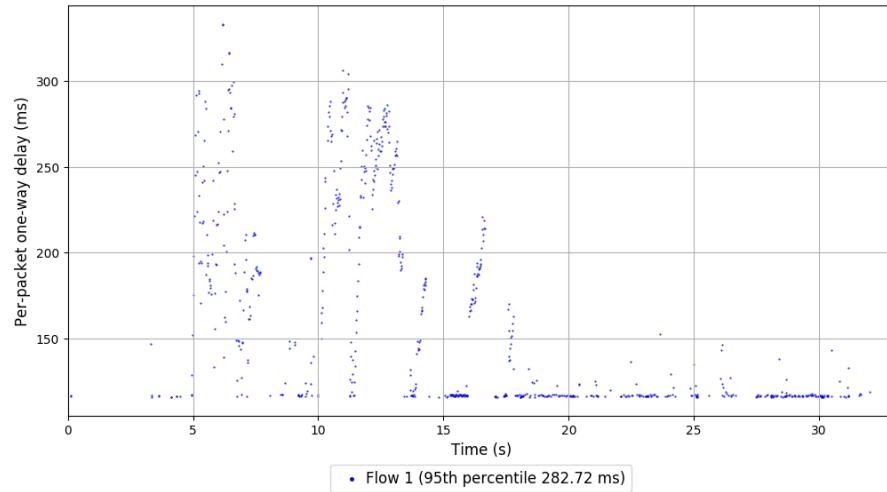
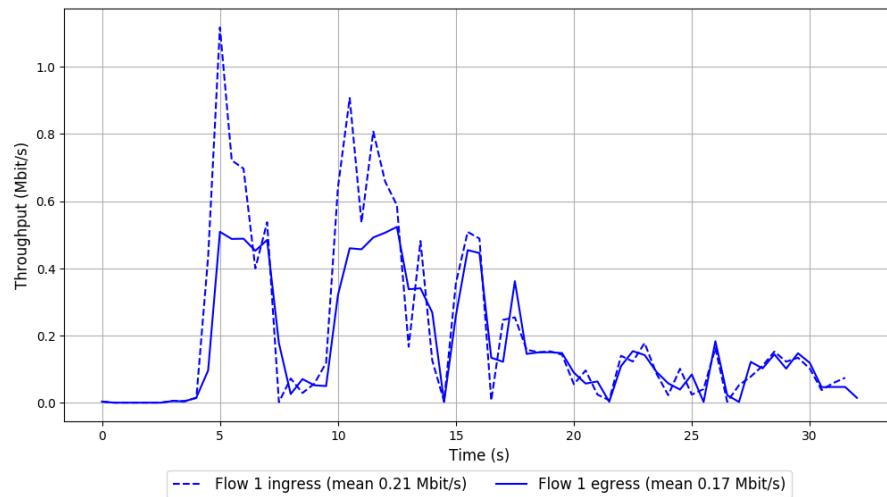


Run 6: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 03:03:54 +0000
End at: Tue, 01 Aug 2017 03:04:24 +0000
Local clock offset: 3.188 ms
Remote clock offset: -45.35 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:41 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 282.720 ms
Loss rate: 19.09%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 282.720 ms
Loss rate: 19.09%
```

Run 6: Report of WebRTC media — Data Link

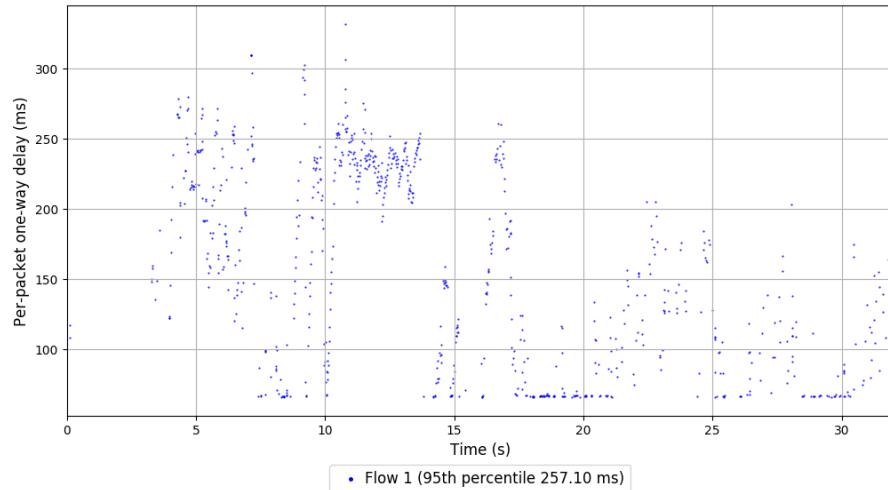
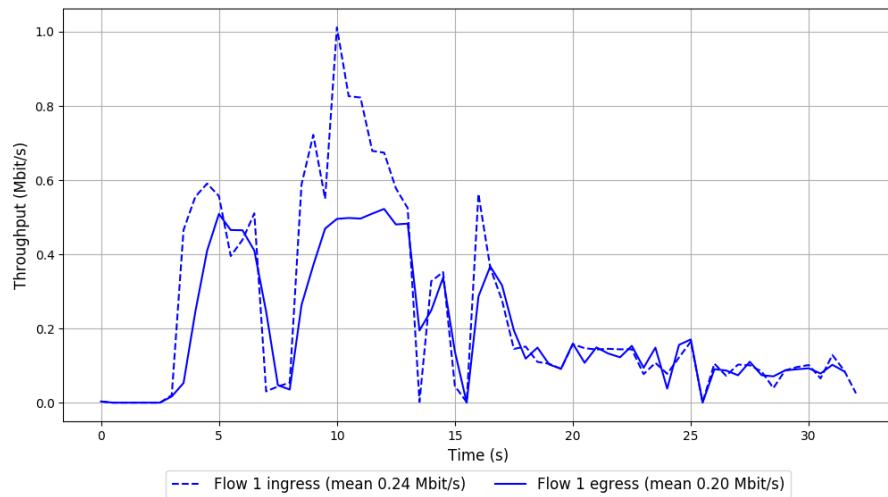


Run 7: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 03:26:13 +0000
End at: Tue, 01 Aug 2017 03:26:43 +0000
Local clock offset: 2.244 ms
Remote clock offset: 4.696 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 257.097 ms
Loss rate: 20.31%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 257.097 ms
Loss rate: 20.31%
```

Run 7: Report of WebRTC media — Data Link

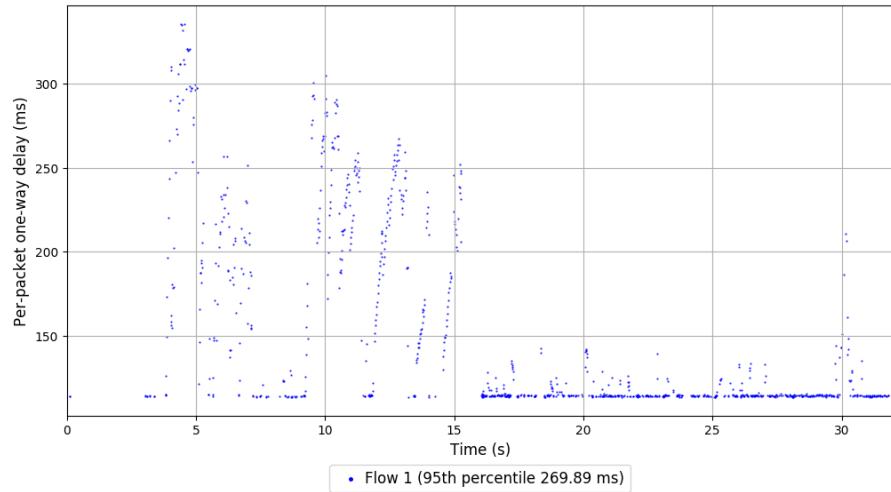
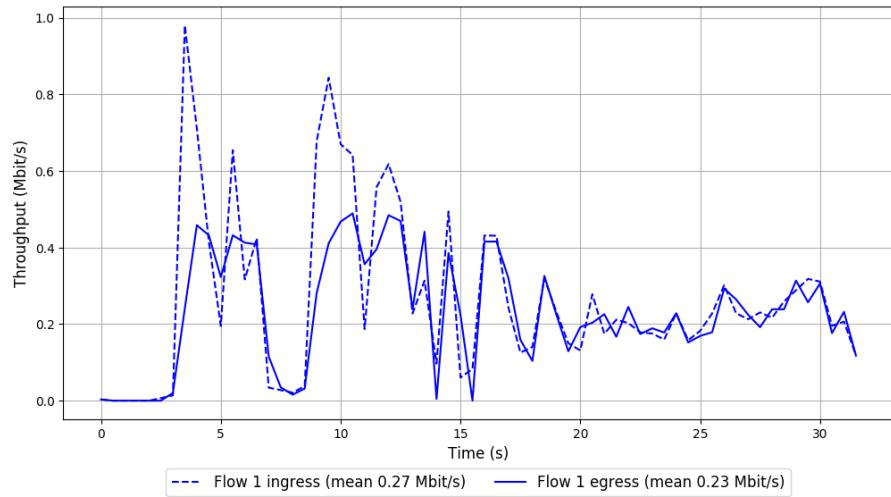


Run 8: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 03:44:36 +0000
End at: Tue, 01 Aug 2017 03:45:06 +0000
Local clock offset: 1.419 ms
Remote clock offset: -43.676 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:42 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 269.891 ms
Loss rate: 13.29%
-- Flow 1:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 269.891 ms
Loss rate: 13.29%
```

Run 8: Report of WebRTC media — Data Link

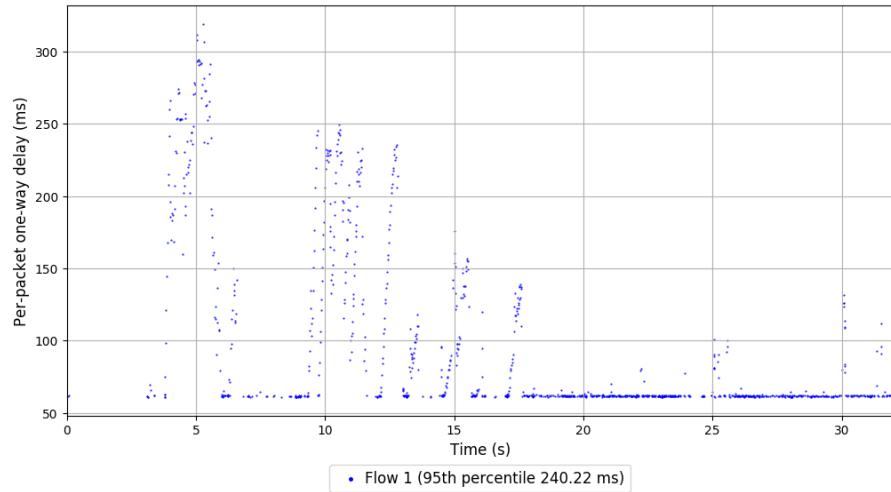
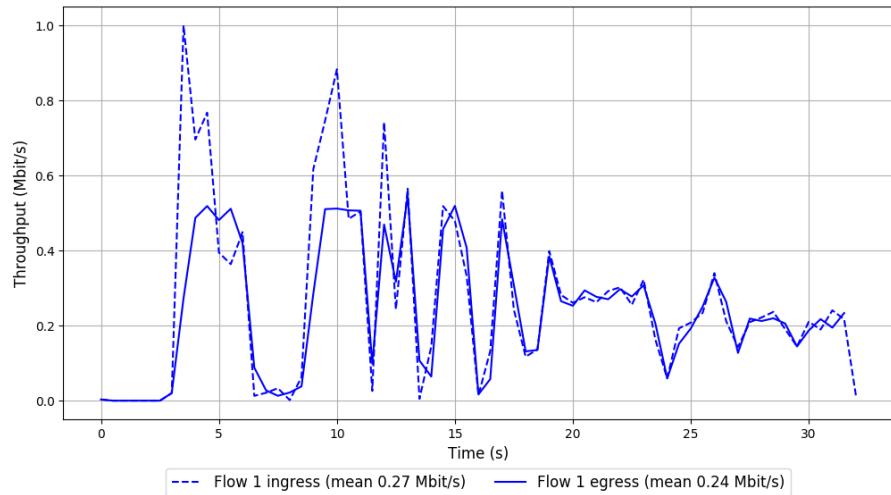


Run 9: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 04:04:45 +0000
End at: Tue, 01 Aug 2017 04:05:15 +0000
Local clock offset: 1.726 ms
Remote clock offset: 8.093 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 240.217 ms
Loss rate: 11.59%
-- Flow 1:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 240.217 ms
Loss rate: 11.59%
```

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

```
Start at: Tue, 01 Aug 2017 04:25:07 +0000
End at: Tue, 01 Aug 2017 04:25:37 +0000
Local clock offset: 0.314 ms
Remote clock offset: -85.046 ms

# Below is generated by plot.py at Tue, 01 Aug 2017 04:32:43 +0000
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 312.813 ms
Loss rate: 18.37%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 312.813 ms
Loss rate: 18.37%
```

Run 10: Report of WebRTC media — Data Link

