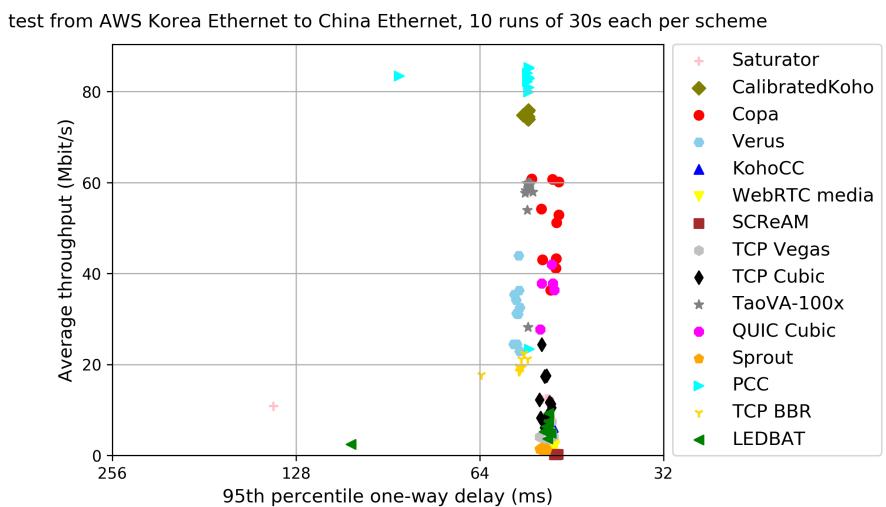
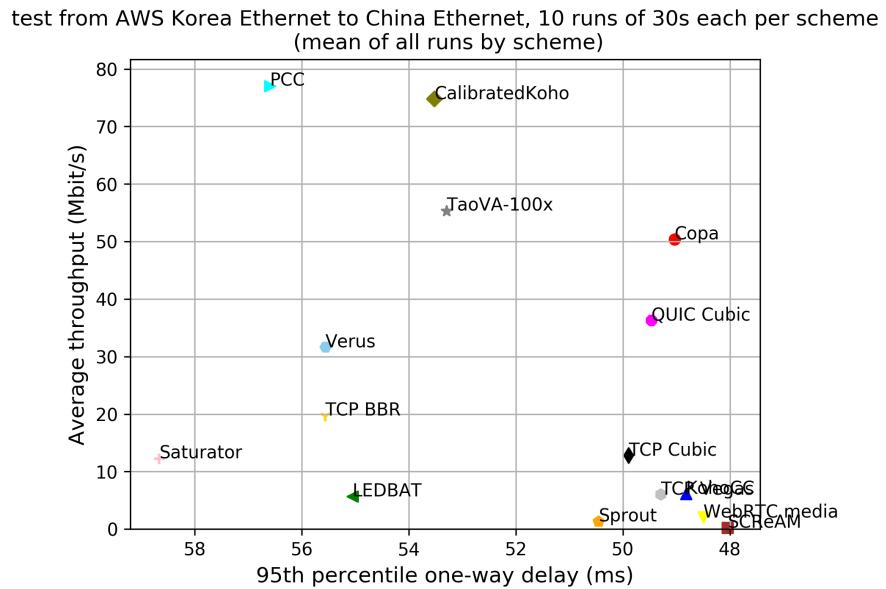


Pantheon Report

Generated at 2017-08-22 01:13:19 (UTC).
Data path: AWS Korea Ethernet (*local*) → China Ethernet (*remote*).
Repeated the test of 15 congestion control schemes 10 times.
Each test lasted for 30 seconds running 1 flow.
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).
NTP offsets were measured against `ntp.nict.jp` and have been applied to correct the timestamps in logs.

```
Git summary:  
branch: master @ e43be7582298d552838afcfc6382342bf187fbbd6  
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50  
  M datagrump/sender.cc  
third_party/genericCC @ dae96123232f1bcb37725348fa2378691ce26725  
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681  
  M datagrump/sender.cc  
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf  
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7  
third_party/pantheon-tunnel @ 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
```



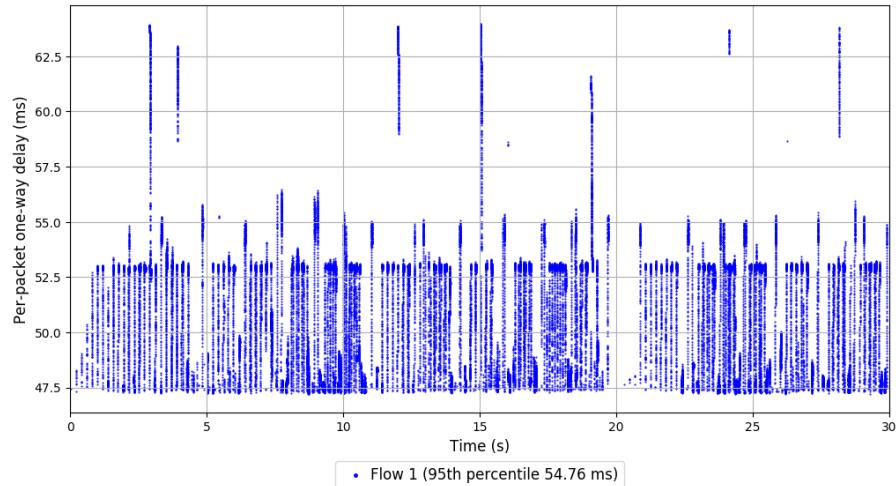
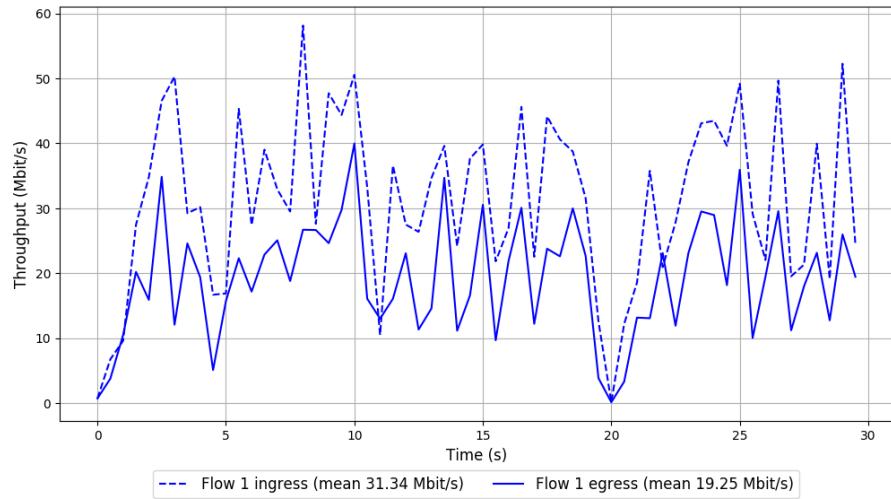
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	19.71	55.56	33.17
CalibratedKoho	6	74.80	53.52	4.11
Copa	10	50.37	49.03	0.11
TCP Cubic	10	12.82	49.89	0.56
KohoCC	10	6.14	48.82	0.03
LEDBAT	10	5.68	55.05	0.27
PCC	10	77.06	56.59	1.74
QUIC Cubic	5	36.33	49.47	0.47
Saturator	10	12.26	58.67	0.37
SCReAM	10	0.22	48.04	0.00
Sprout	10	1.36	50.46	0.02
TaoVA-100x	10	55.35	53.30	5.58
TCP Vegas	10	6.02	49.29	0.76
Verus	10	31.64	55.56	64.13
WebRTC media	9	2.08	48.49	0.02

Run 1: Statistics of TCP BBR

```
Start at: 2017-08-21 21:28:53
End at: 2017-08-21 21:29:23
Local clock offset: 0.866 ms
Remote clock offset: -1.185 ms

# Below is generated by plot.py at 2017-08-22 01:07:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.25 Mbit/s
95th percentile per-packet one-way delay: 54.755 ms
Loss rate: 38.55%
-- Flow 1:
Average throughput: 19.25 Mbit/s
95th percentile per-packet one-way delay: 54.755 ms
Loss rate: 38.55%
```

Run 1: Report of TCP BBR — Data Link

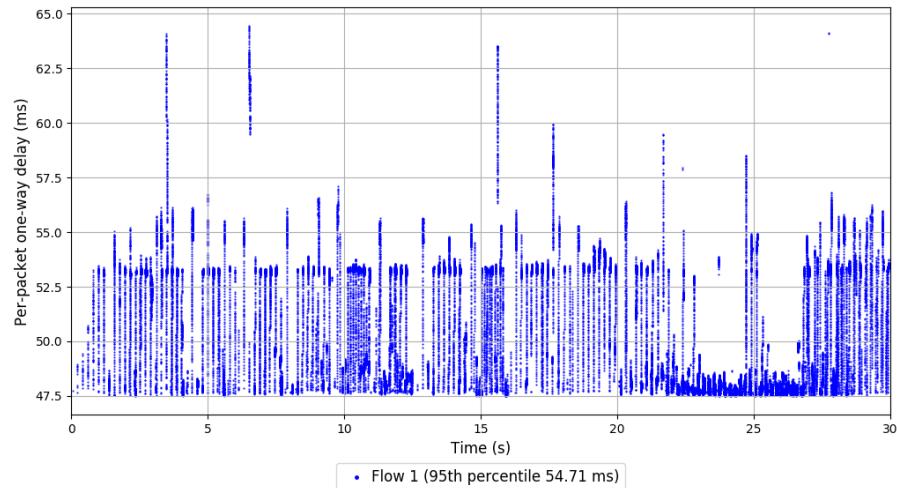
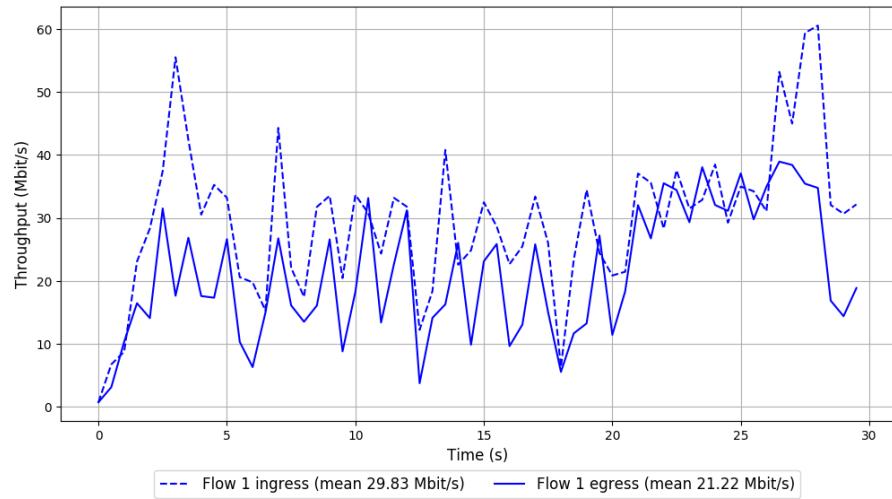


Run 2: Statistics of TCP BBR

```
Start at: 2017-08-21 21:50:00
End at: 2017-08-21 21:50:30
Local clock offset: 0.984 ms
Remote clock offset: -1.432 ms

# Below is generated by plot.py at 2017-08-22 01:07:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.22 Mbit/s
95th percentile per-packet one-way delay: 54.709 ms
Loss rate: 28.85%
-- Flow 1:
Average throughput: 21.22 Mbit/s
95th percentile per-packet one-way delay: 54.709 ms
Loss rate: 28.85%
```

Run 2: Report of TCP BBR — Data Link

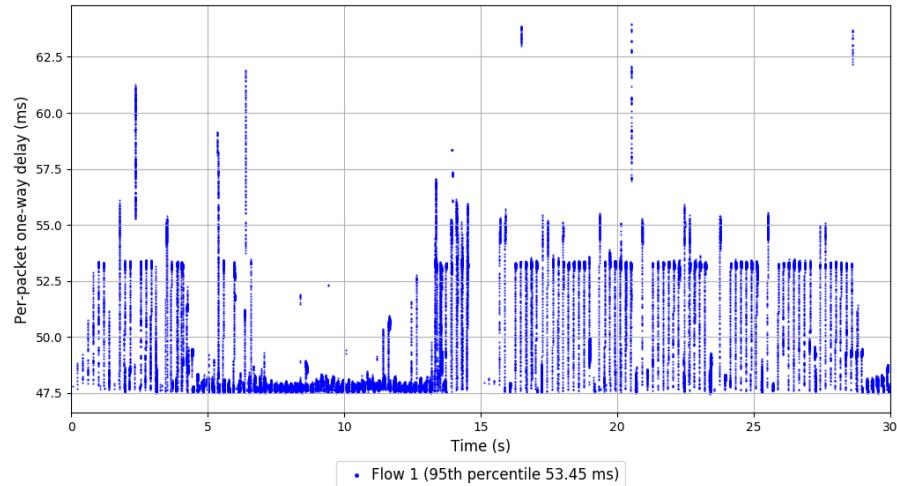
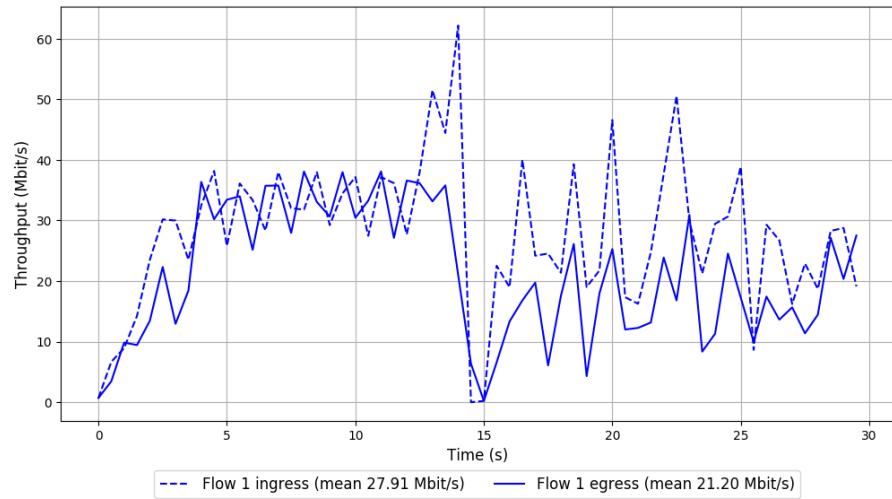


Run 3: Statistics of TCP BBR

```
Start at: 2017-08-21 22:11:12
End at: 2017-08-21 22:11:42
Local clock offset: 1.055 ms
Remote clock offset: -1.608 ms

# Below is generated by plot.py at 2017-08-22 01:07:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.20 Mbit/s
95th percentile per-packet one-way delay: 53.451 ms
Loss rate: 24.05%
-- Flow 1:
Average throughput: 21.20 Mbit/s
95th percentile per-packet one-way delay: 53.451 ms
Loss rate: 24.05%
```

Run 3: Report of TCP BBR — Data Link

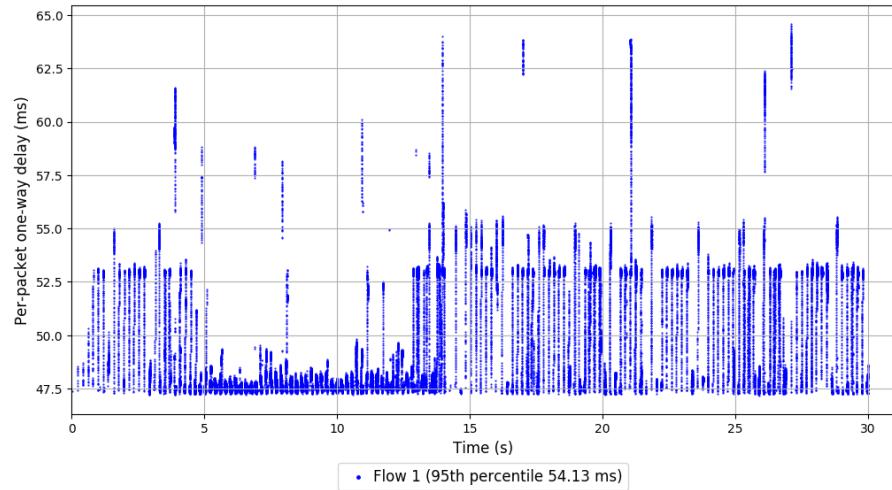
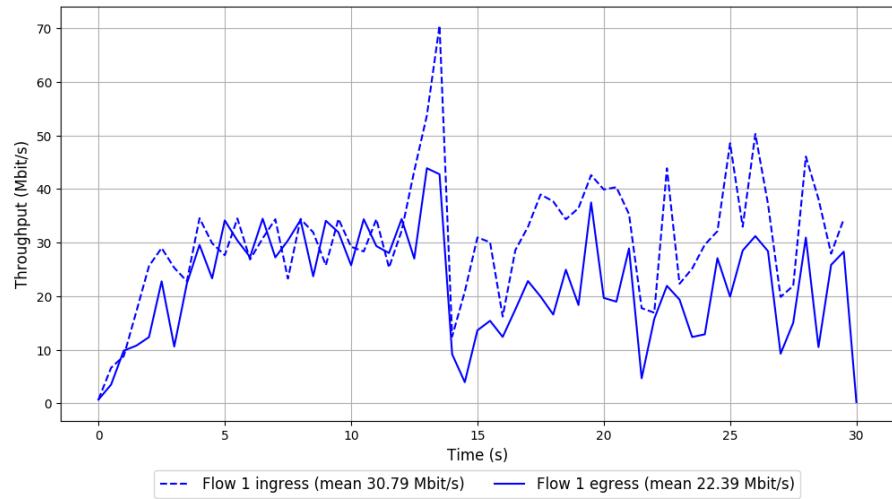


Run 4: Statistics of TCP BBR

```
Start at: 2017-08-21 22:33:01
End at: 2017-08-21 22:33:31
Local clock offset: 1.114 ms
Remote clock offset: -1.662 ms

# Below is generated by plot.py at 2017-08-22 01:07:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.39 Mbit/s
95th percentile per-packet one-way delay: 54.135 ms
Loss rate: 27.27%
-- Flow 1:
Average throughput: 22.39 Mbit/s
95th percentile per-packet one-way delay: 54.135 ms
Loss rate: 27.27%
```

Run 4: Report of TCP BBR — Data Link

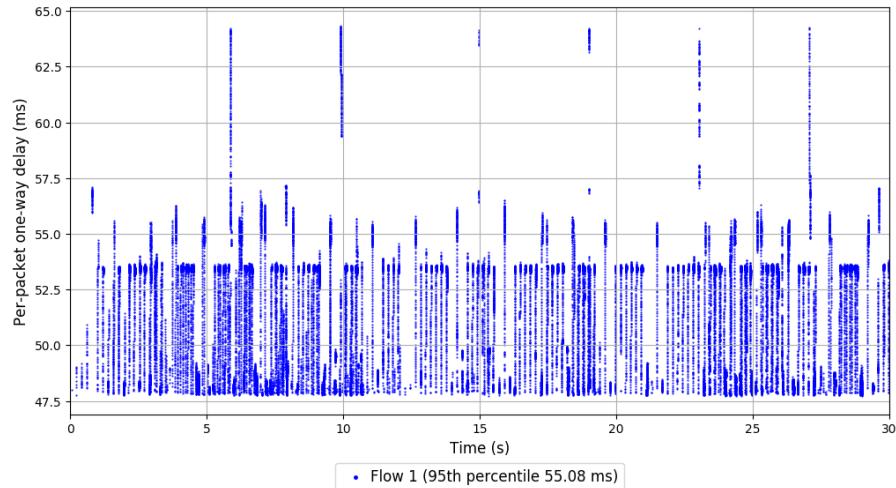
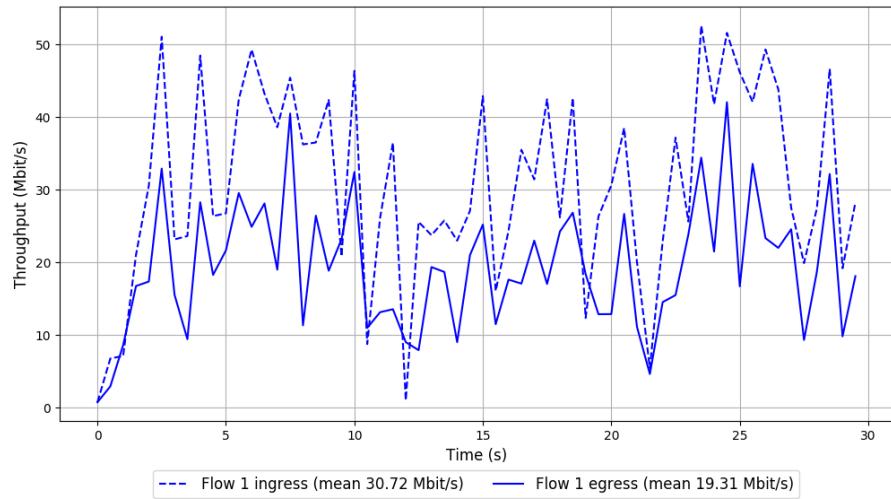


Run 5: Statistics of TCP BBR

```
Start at: 2017-08-21 22:53:17
End at: 2017-08-21 22:53:47
Local clock offset: 0.85 ms
Remote clock offset: -1.693 ms

# Below is generated by plot.py at 2017-08-22 01:07:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.31 Mbit/s
95th percentile per-packet one-way delay: 55.079 ms
Loss rate: 37.13%
-- Flow 1:
Average throughput: 19.31 Mbit/s
95th percentile per-packet one-way delay: 55.079 ms
Loss rate: 37.13%
```

Run 5: Report of TCP BBR — Data Link

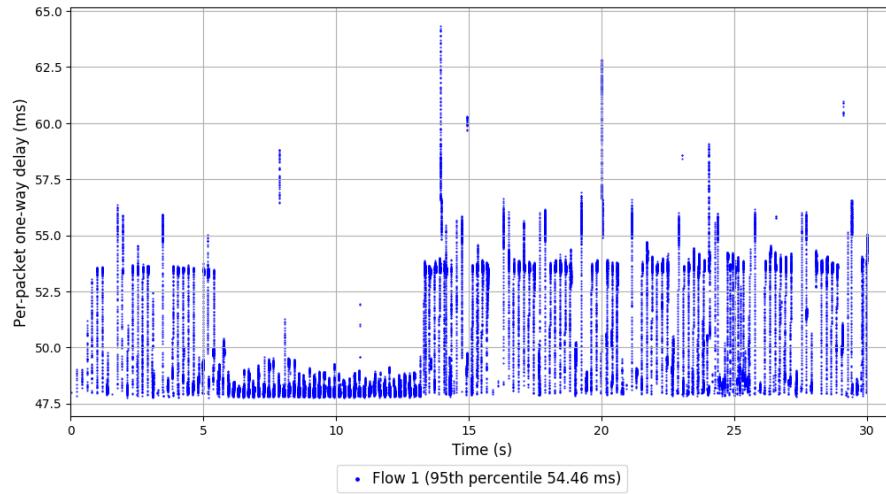
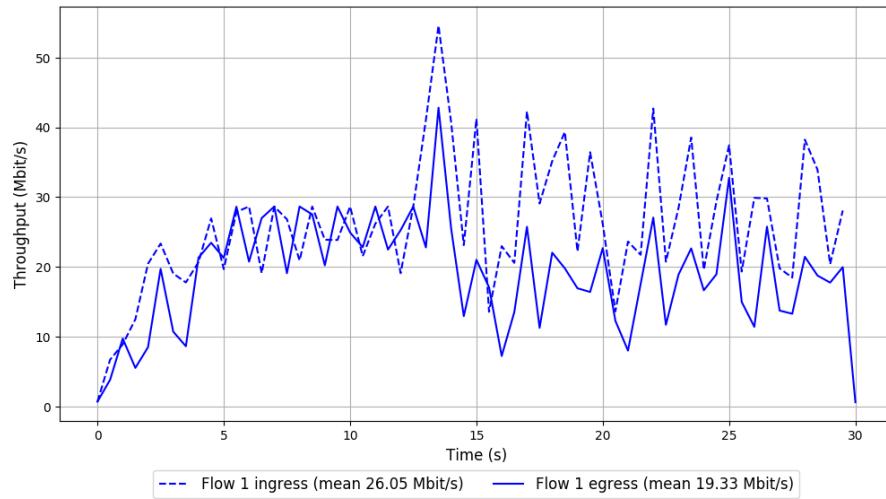


Run 6: Statistics of TCP BBR

```
Start at: 2017-08-21 23:14:55
End at: 2017-08-21 23:15:25
Local clock offset: 0.853 ms
Remote clock offset: -1.67 ms

# Below is generated by plot.py at 2017-08-22 01:07:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.33 Mbit/s
95th percentile per-packet one-way delay: 54.463 ms
Loss rate: 25.80%
-- Flow 1:
Average throughput: 19.33 Mbit/s
95th percentile per-packet one-way delay: 54.463 ms
Loss rate: 25.80%
```

Run 6: Report of TCP BBR — Data Link

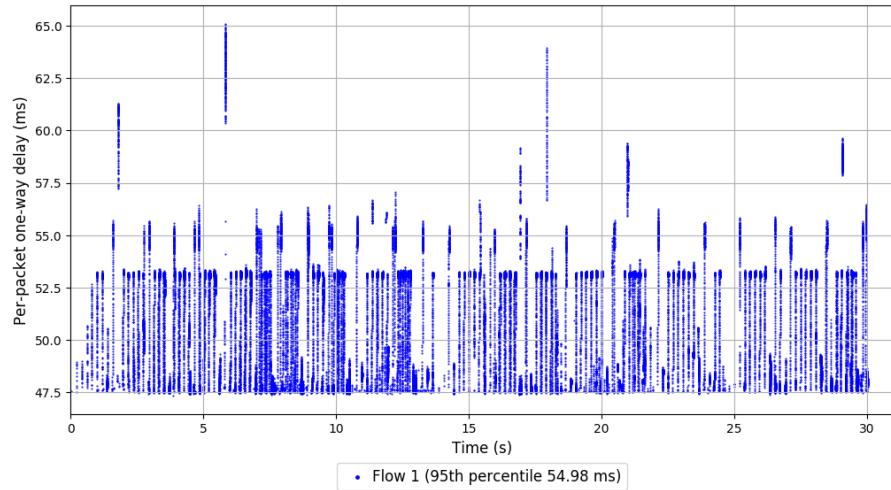
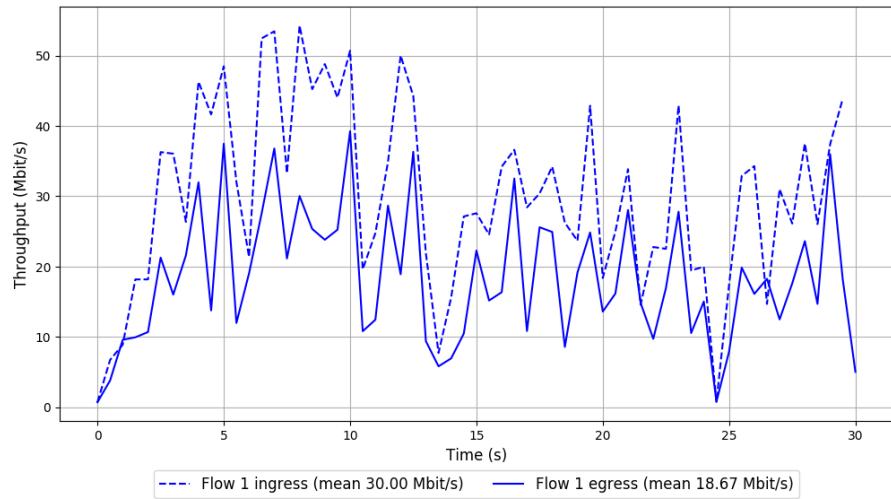


Run 7: Statistics of TCP BBR

```
Start at: 2017-08-21 23:35:40
End at: 2017-08-21 23:36:10
Local clock offset: 0.958 ms
Remote clock offset: -1.825 ms

# Below is generated by plot.py at 2017-08-22 01:07:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.67 Mbit/s
95th percentile per-packet one-way delay: 54.983 ms
Loss rate: 37.76%
-- Flow 1:
Average throughput: 18.67 Mbit/s
95th percentile per-packet one-way delay: 54.983 ms
Loss rate: 37.76%
```

Run 7: Report of TCP BBR — Data Link

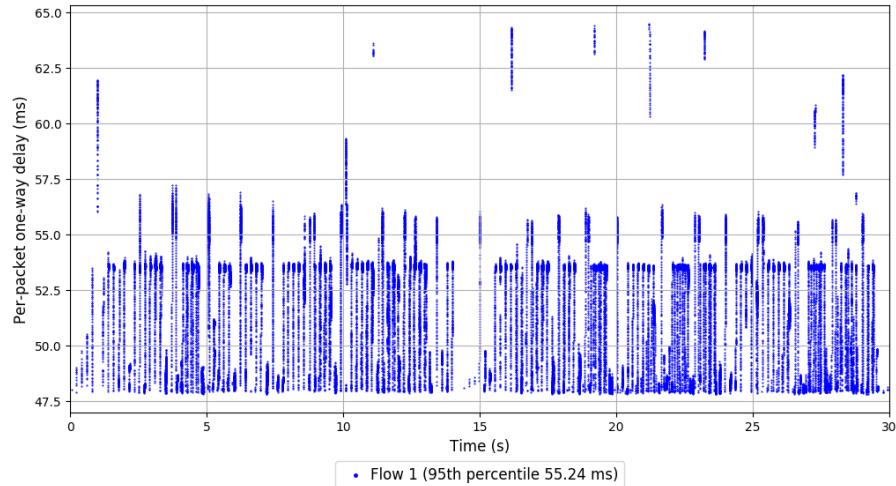
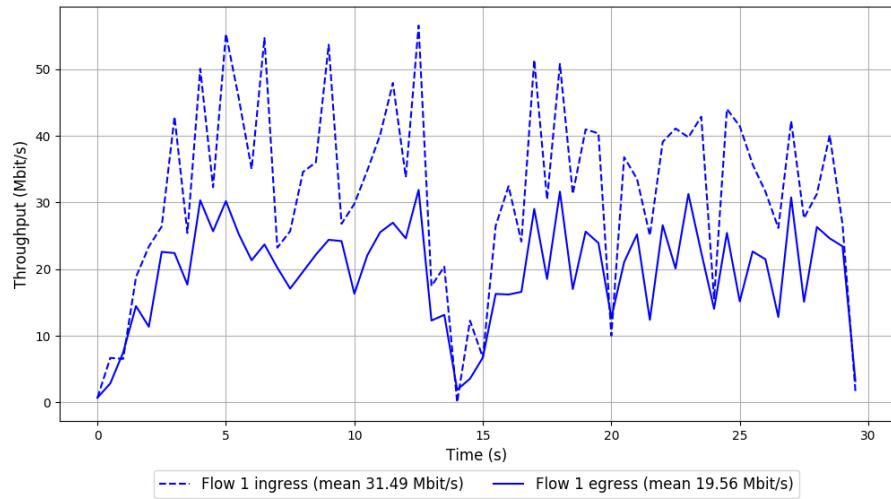


Run 8: Statistics of TCP BBR

```
Start at: 2017-08-21 23:55:59
End at: 2017-08-21 23:56:29
Local clock offset: 0.972 ms
Remote clock offset: -1.713 ms

# Below is generated by plot.py at 2017-08-22 01:07:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.56 Mbit/s
95th percentile per-packet one-way delay: 55.241 ms
Loss rate: 37.90%
-- Flow 1:
Average throughput: 19.56 Mbit/s
95th percentile per-packet one-way delay: 55.241 ms
Loss rate: 37.90%
```

Run 8: Report of TCP BBR — Data Link

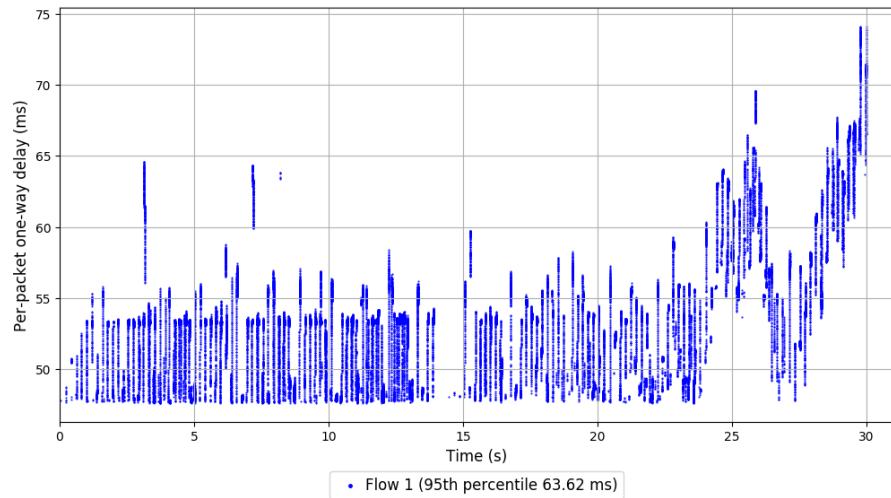
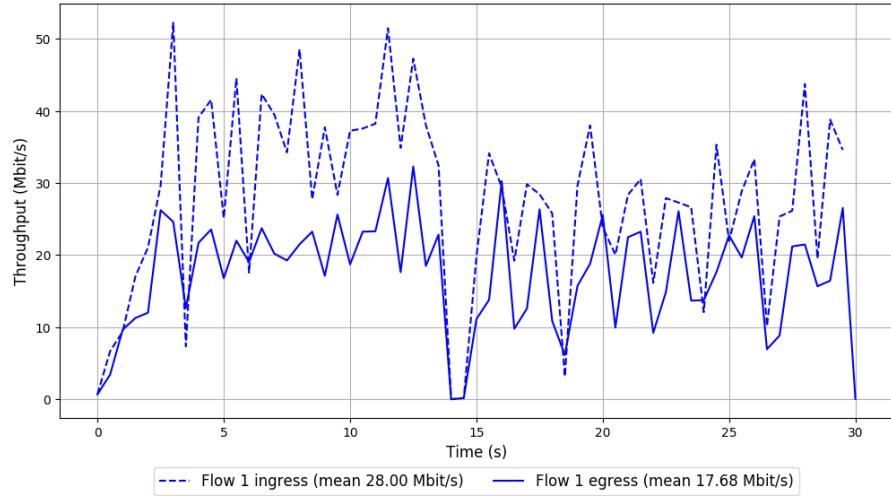


Run 9: Statistics of TCP BBR

```
Start at: 2017-08-22 00:16:55
End at: 2017-08-22 00:17:25
Local clock offset: 1.063 ms
Remote clock offset: -1.593 ms

# Below is generated by plot.py at 2017-08-22 01:07:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.68 Mbit/s
95th percentile per-packet one-way delay: 63.620 ms
Loss rate: 36.80%
-- Flow 1:
Average throughput: 17.68 Mbit/s
95th percentile per-packet one-way delay: 63.620 ms
Loss rate: 36.80%
```

Run 9: Report of TCP BBR — Data Link

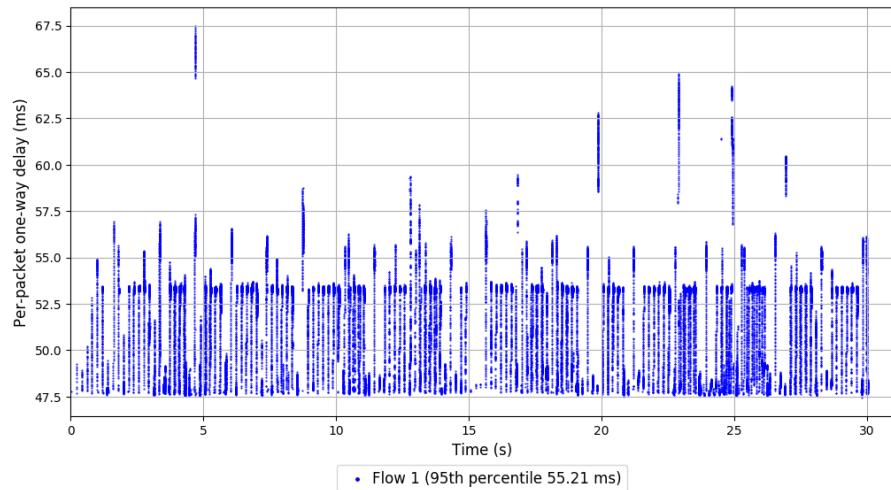
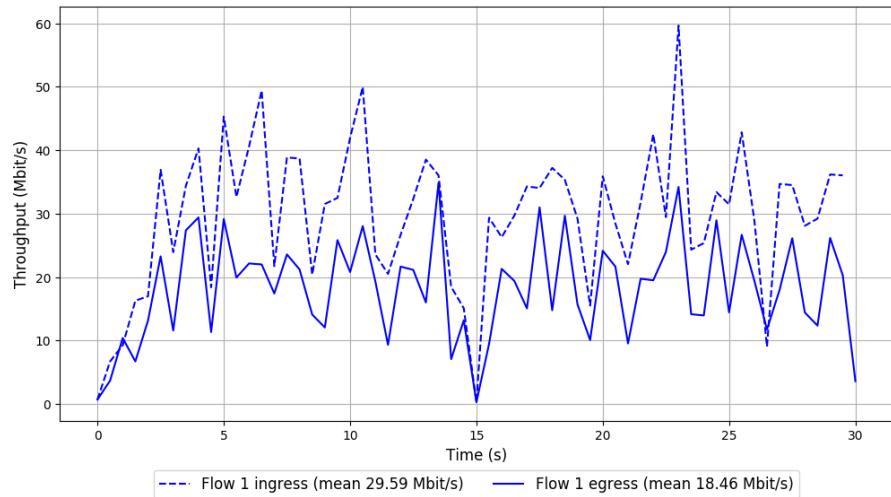


Run 10: Statistics of TCP BBR

```
Start at: 2017-08-22 00:36:57
End at: 2017-08-22 00:37:27
Local clock offset: 1.068 ms
Remote clock offset: -1.646 ms

# Below is generated by plot.py at 2017-08-22 01:07:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.46 Mbit/s
95th percentile per-packet one-way delay: 55.207 ms
Loss rate: 37.62%
-- Flow 1:
Average throughput: 18.46 Mbit/s
95th percentile per-packet one-way delay: 55.207 ms
Loss rate: 37.62%
```

Run 10: Report of TCP BBR — Data Link

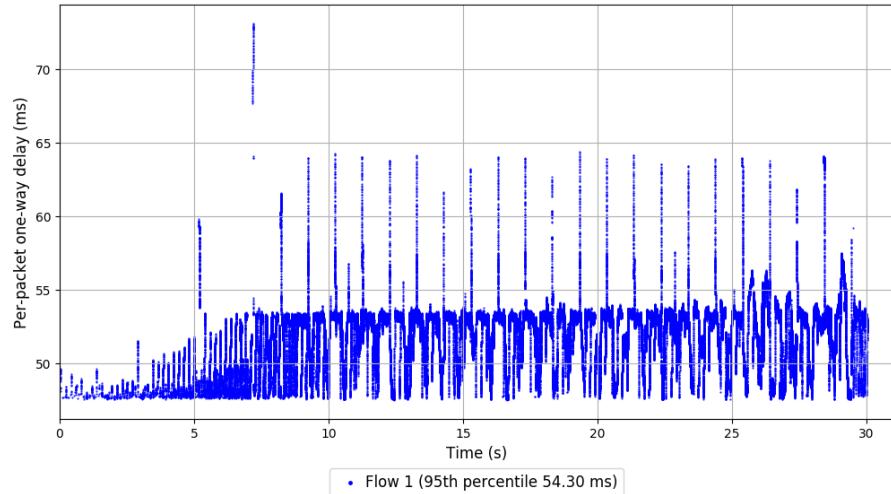
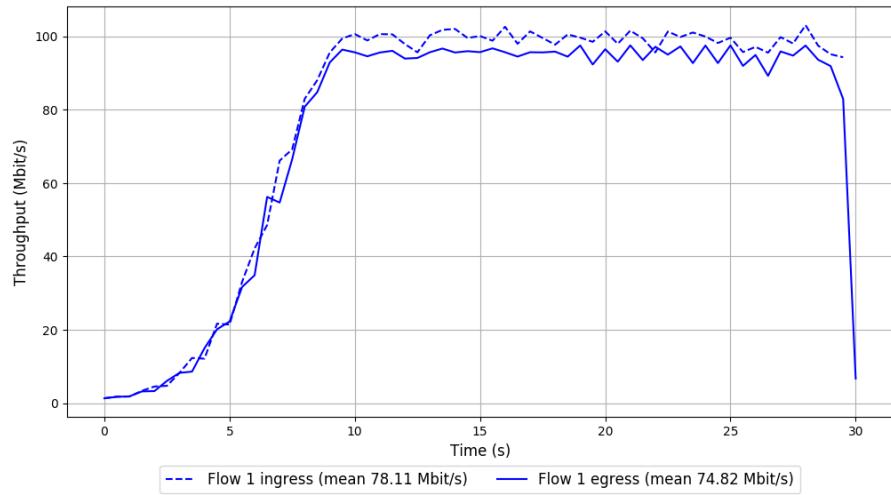


```
Run 1: Statistics of CalibratedKoho

Start at: 2017-08-21 21:24:03
End at: 2017-08-21 21:24:33
Local clock offset: 0.51 ms
Remote clock offset: -1.125 ms

# Below is generated by plot.py at 2017-08-22 01:07:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.82 Mbit/s
95th percentile per-packet one-way delay: 54.305 ms
Loss rate: 4.20%
-- Flow 1:
Average throughput: 74.82 Mbit/s
95th percentile per-packet one-way delay: 54.305 ms
Loss rate: 4.20%
```

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

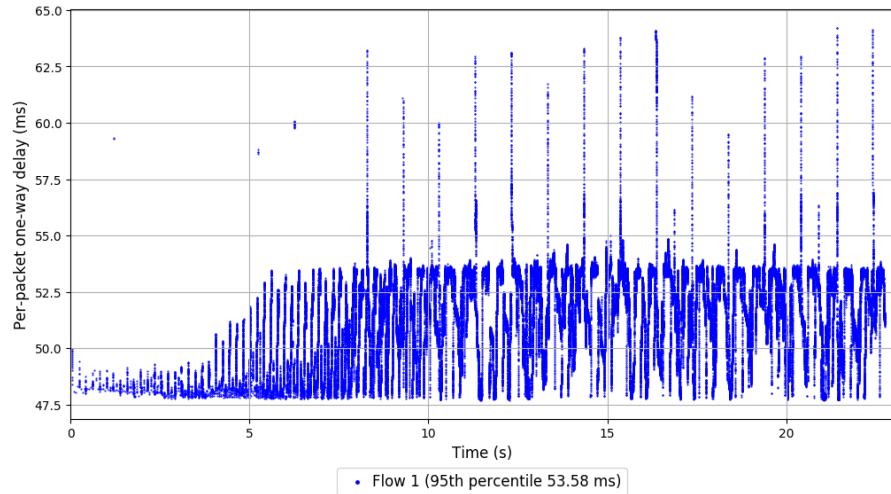
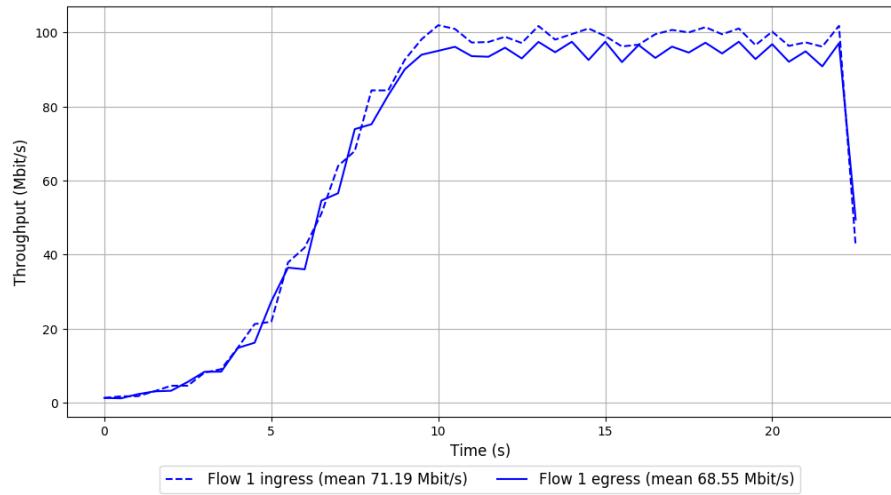
Start at: 2017-08-21 21:45:06

End at: 2017-08-21 21:45:36

Local clock offset: 0.703 ms

Remote clock offset: -1.425 ms

Run 2: Report of CalibratedKoho — Data Link

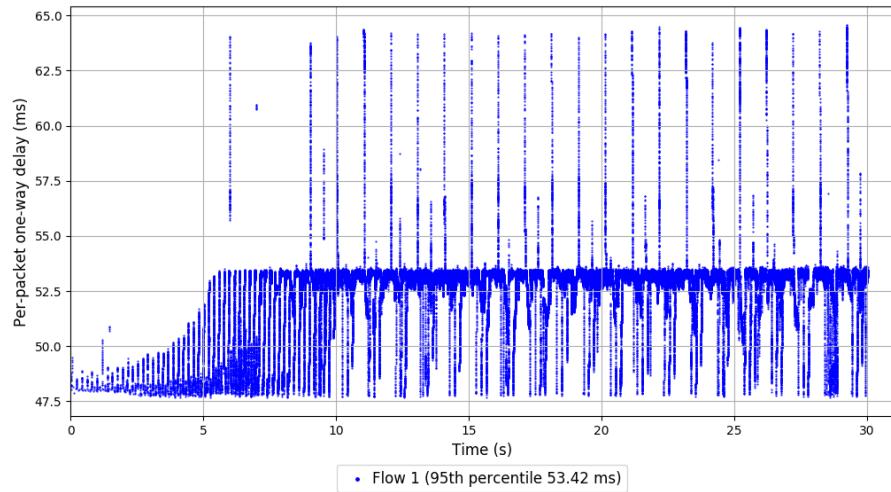
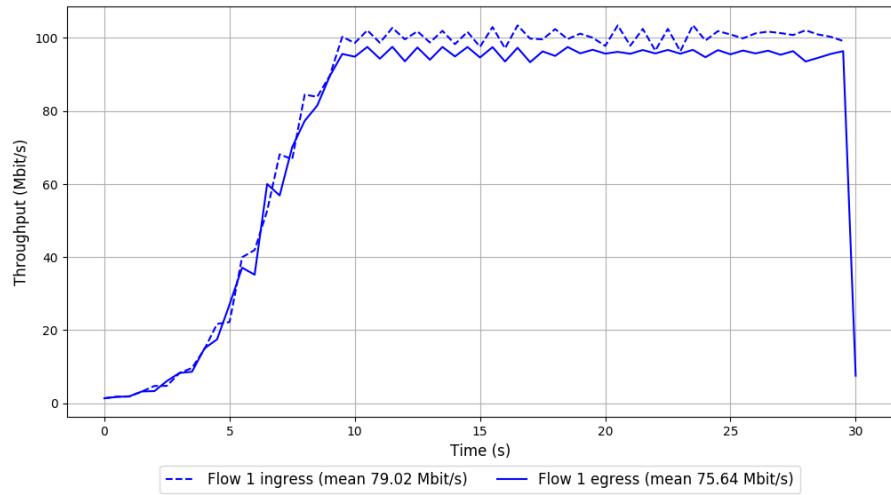


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: 2017-08-21 22:06:21
End at: 2017-08-21 22:06:51
Local clock offset: 0.846 ms
Remote clock offset: -1.558 ms

# Below is generated by plot.py at 2017-08-22 01:08:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.64 Mbit/s
95th percentile per-packet one-way delay: 53.421 ms
Loss rate: 4.26%
-- Flow 1:
Average throughput: 75.64 Mbit/s
95th percentile per-packet one-way delay: 53.421 ms
Loss rate: 4.26%
```

Run 3: Report of CalibratedKoho — Data Link

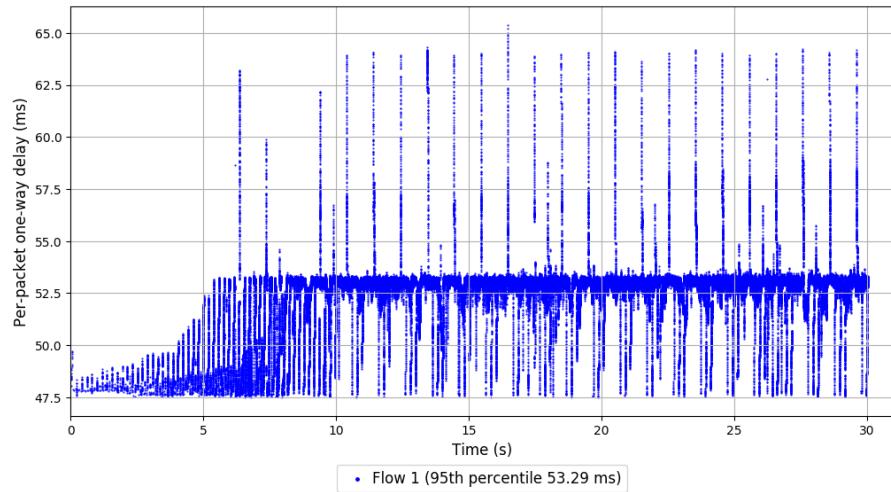
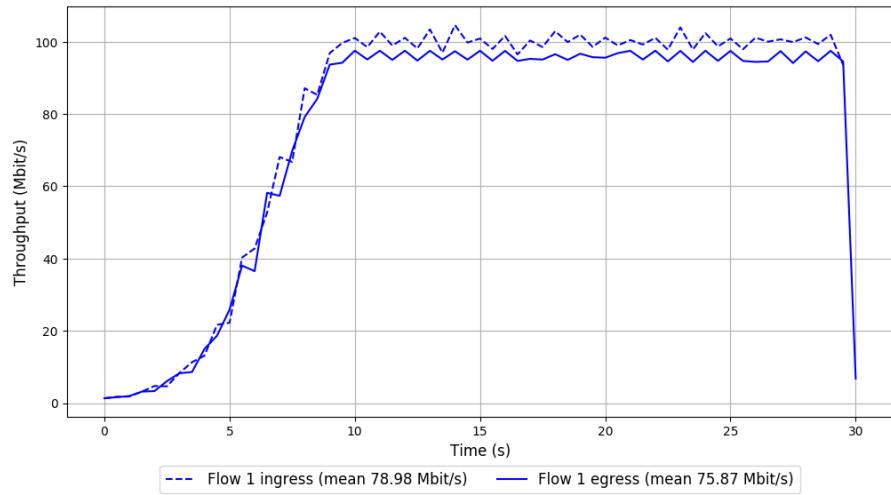


Run 4: Statistics of CalibratedKoho

```
Start at: 2017-08-21 22:27:45
End at: 2017-08-21 22:28:16
Local clock offset: 0.878 ms
Remote clock offset: -1.659 ms

# Below is generated by plot.py at 2017-08-22 01:08:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.87 Mbit/s
95th percentile per-packet one-way delay: 53.294 ms
Loss rate: 3.93%
-- Flow 1:
Average throughput: 75.87 Mbit/s
95th percentile per-packet one-way delay: 53.294 ms
Loss rate: 3.93%
```

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: 2017-08-21 22:49:06
End at: 2017-08-21 22:49:36
Local clock offset: 1.139 ms
Remote clock offset: -1.721 ms

Run 5: Report of CalibratedKoho — Data Link

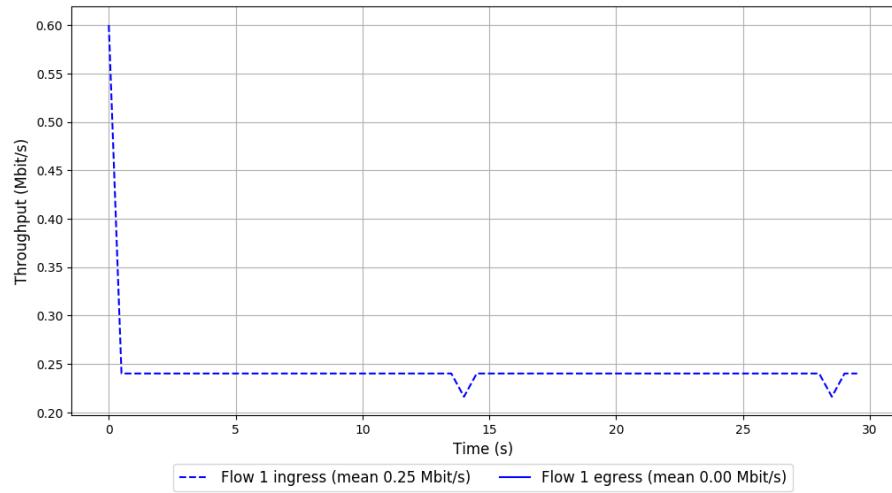


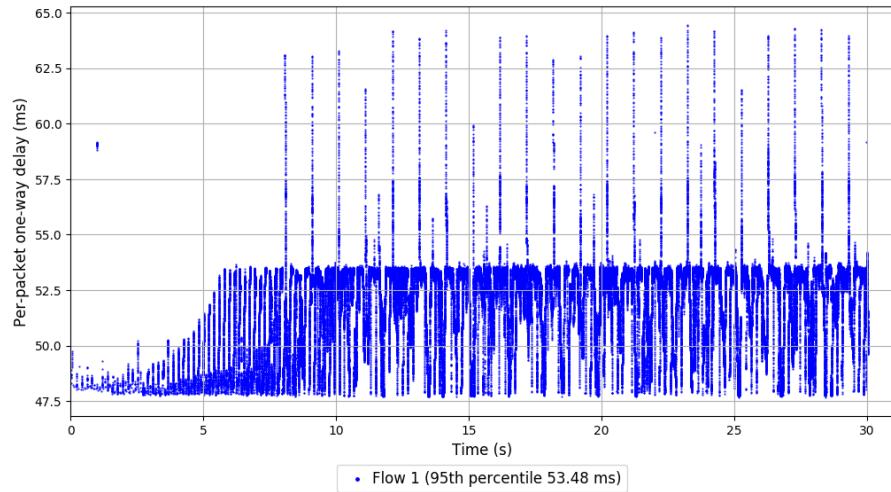
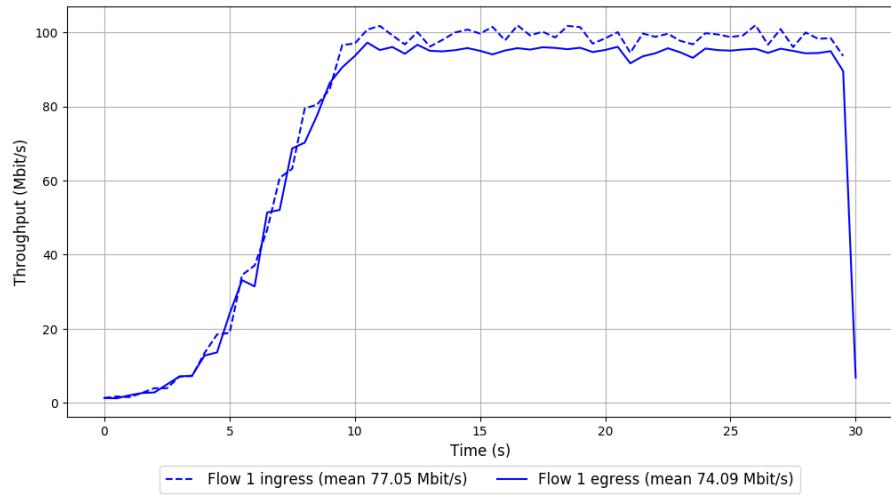
Figure is missing

Run 6: Statistics of CalibratedKoho

```
Start at: 2017-08-21 23:09:45
End at: 2017-08-21 23:10:15
Local clock offset: 0.823 ms
Remote clock offset: -1.756 ms

# Below is generated by plot.py at 2017-08-22 01:08:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.09 Mbit/s
95th percentile per-packet one-way delay: 53.483 ms
Loss rate: 3.83%
-- Flow 1:
Average throughput: 74.09 Mbit/s
95th percentile per-packet one-way delay: 53.483 ms
Loss rate: 3.83%
```

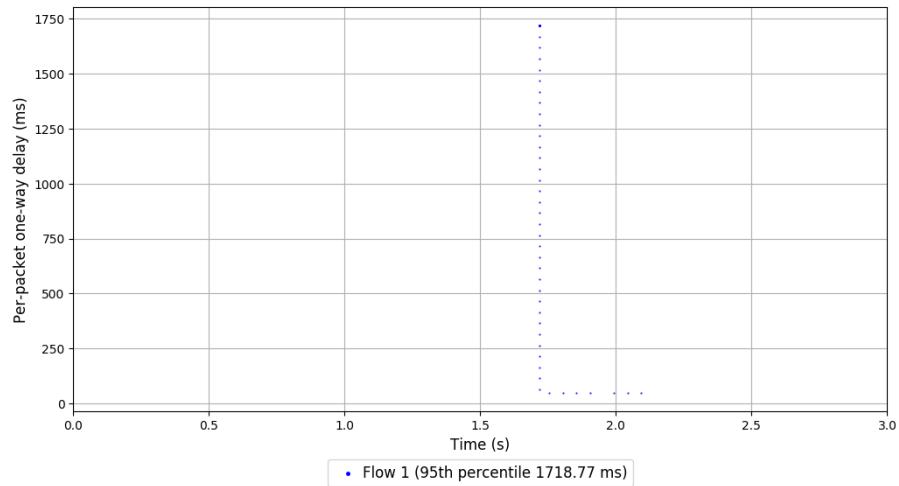
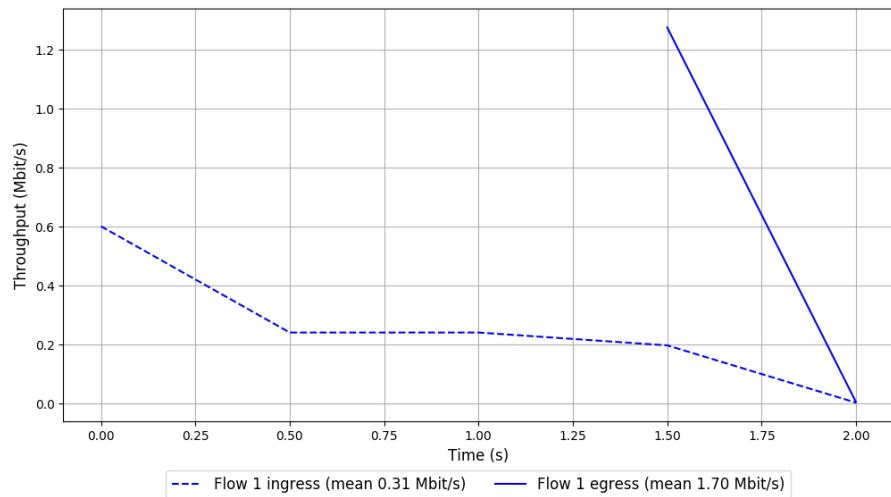
Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: 2017-08-21 23:31:20
End at: 2017-08-21 23:31:50
Local clock offset: 1.747 ms
Remote clock offset: -1.792 ms

Run 7: Report of CalibratedKoho — Data Link

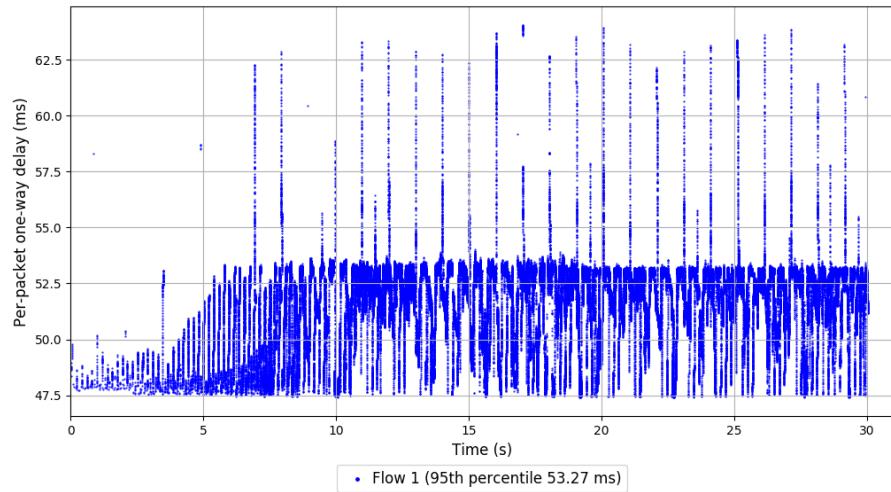
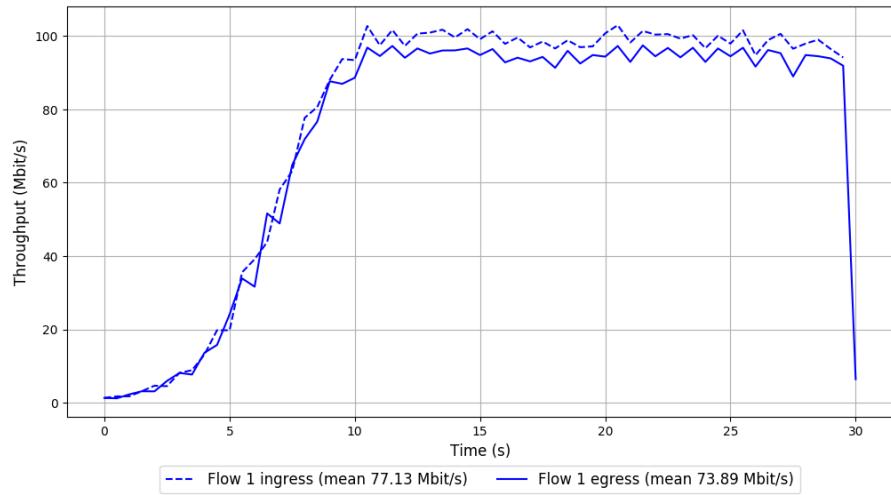


```
Run 8: Statistics of CalibratedKoho
```

```
Start at: 2017-08-21 23:51:14
End at: 2017-08-21 23:51:44
Local clock offset: 1.312 ms
Remote clock offset: -1.766 ms

# Below is generated by plot.py at 2017-08-22 01:08:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.89 Mbit/s
95th percentile per-packet one-way delay: 53.266 ms
Loss rate: 4.20%
-- Flow 1:
Average throughput: 73.89 Mbit/s
95th percentile per-packet one-way delay: 53.266 ms
Loss rate: 4.20%
```

Run 8: Report of CalibratedKoho — Data Link

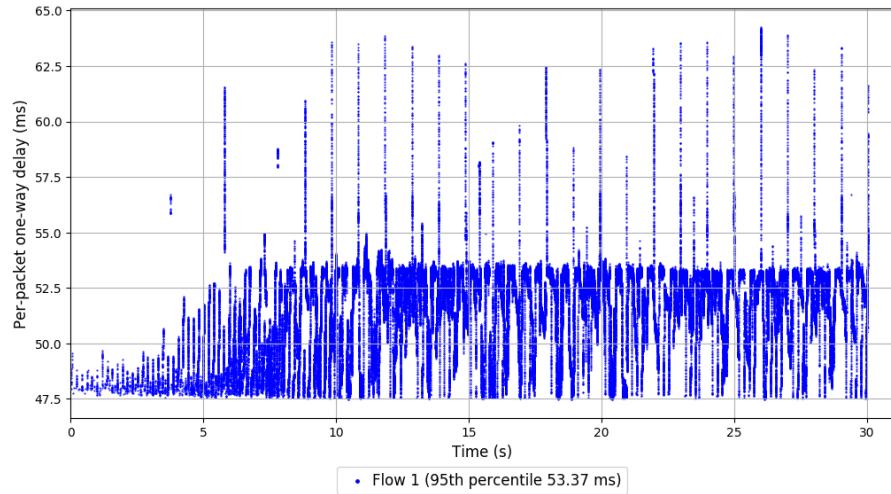
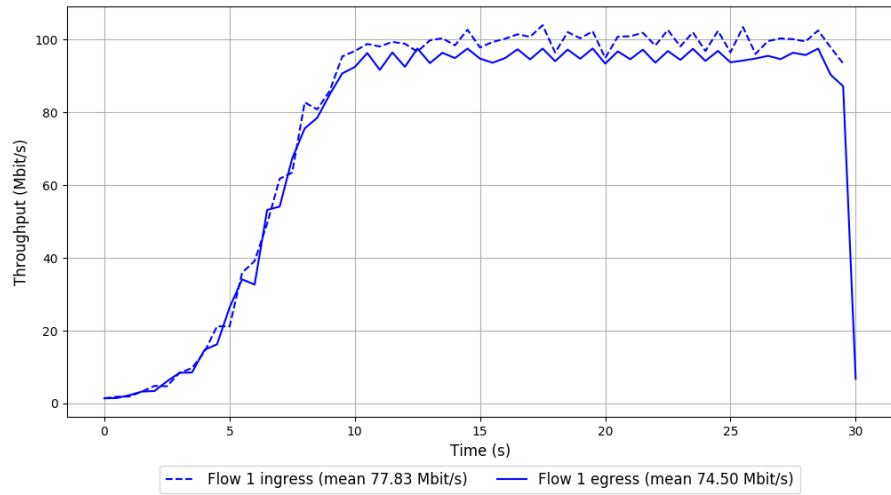


```
Run 9: Statistics of CalibratedKoho
```

```
Start at: 2017-08-22 00:12:10
End at: 2017-08-22 00:12:40
Local clock offset: 1.323 ms
Remote clock offset: -1.705 ms

# Below is generated by plot.py at 2017-08-22 01:08:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.50 Mbit/s
95th percentile per-packet one-way delay: 53.370 ms
Loss rate: 4.26%
-- Flow 1:
Average throughput: 74.50 Mbit/s
95th percentile per-packet one-way delay: 53.370 ms
Loss rate: 4.26%
```

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

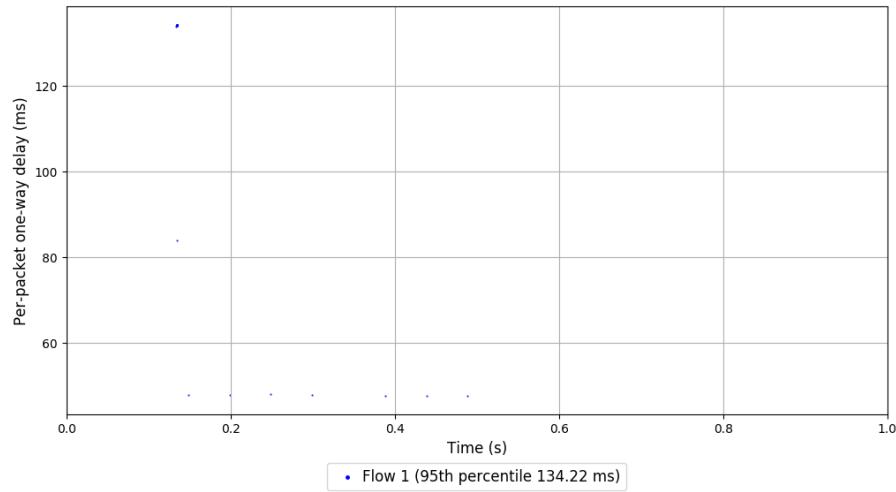
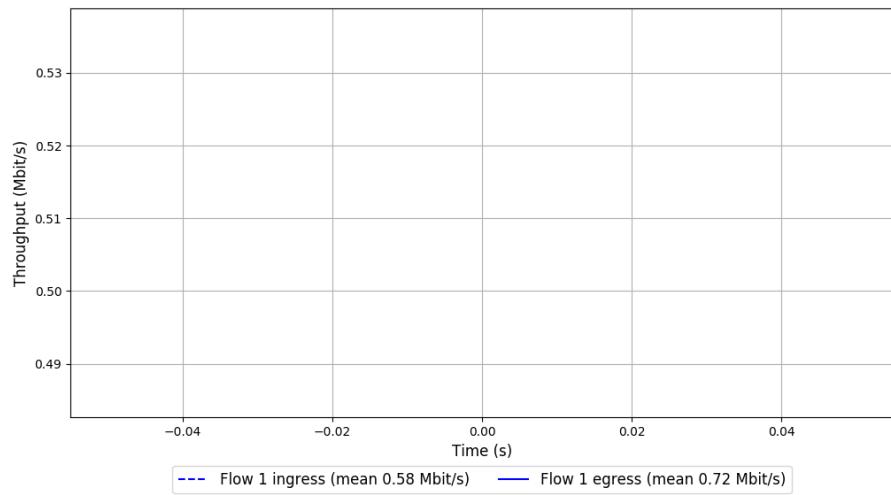
Start at: 2017-08-22 00:33:09

End at: 2017-08-22 00:33:39

Local clock offset: 1.133 ms

Remote clock offset: -1.696 ms

Run 10: Report of CalibratedKoho — Data Link

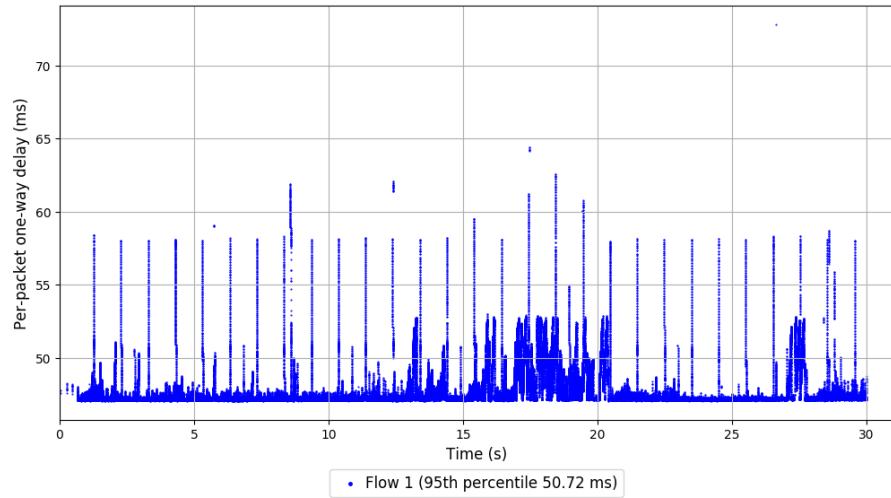
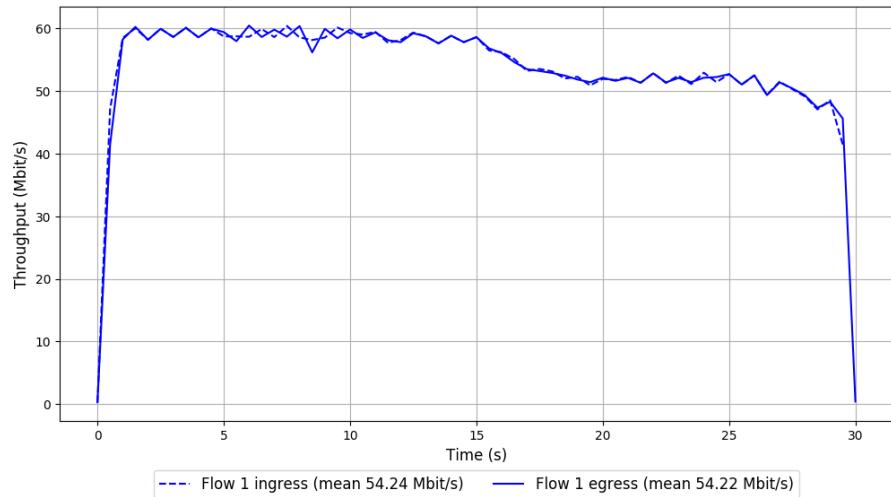


Run 1: Statistics of Copa

```
Start at: 2017-08-21 21:31:31
End at: 2017-08-21 21:32:01
Local clock offset: 0.89 ms
Remote clock offset: -1.278 ms

# Below is generated by plot.py at 2017-08-22 01:08:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.22 Mbit/s
95th percentile per-packet one-way delay: 50.715 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 54.22 Mbit/s
95th percentile per-packet one-way delay: 50.715 ms
Loss rate: 0.05%
```

Run 1: Report of Copa — Data Link

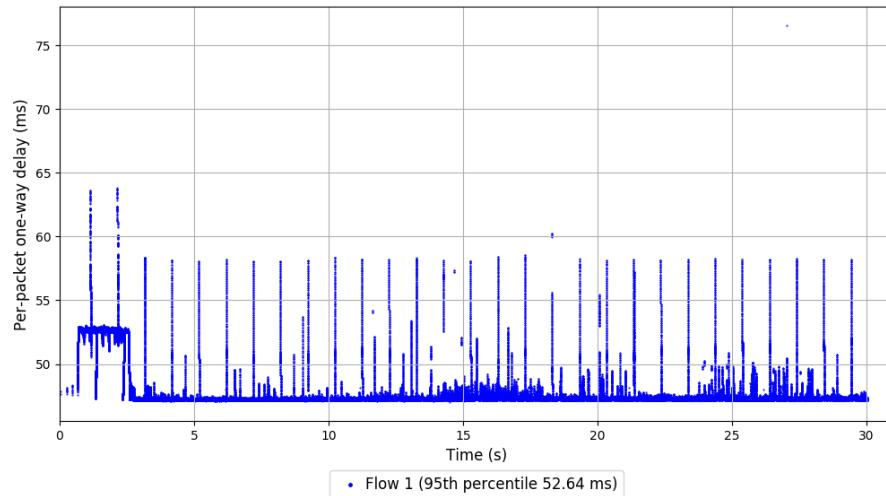
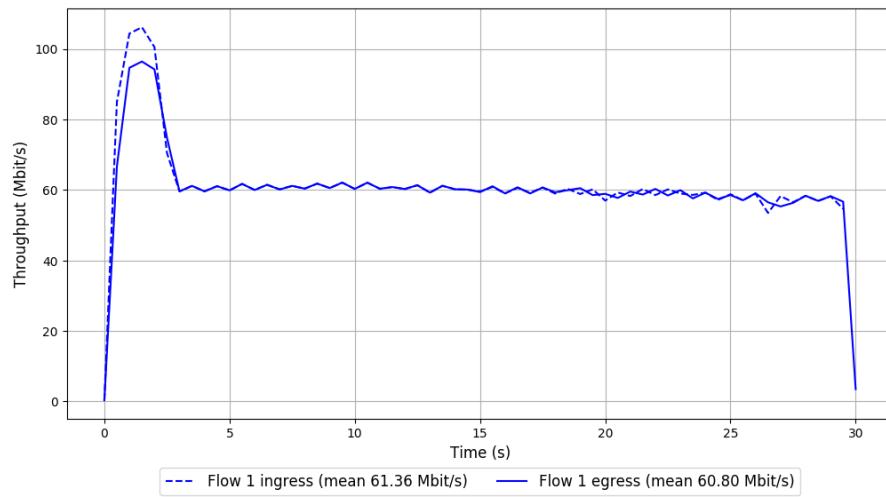


Run 2: Statistics of Copa

```
Start at: 2017-08-21 21:52:46
End at: 2017-08-21 21:53:16
Local clock offset: 1.008 ms
Remote clock offset: -1.417 ms

# Below is generated by plot.py at 2017-08-22 01:08:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.80 Mbit/s
95th percentile per-packet one-way delay: 52.642 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 60.80 Mbit/s
95th percentile per-packet one-way delay: 52.642 ms
Loss rate: 0.93%
```

Run 2: Report of Copa — Data Link

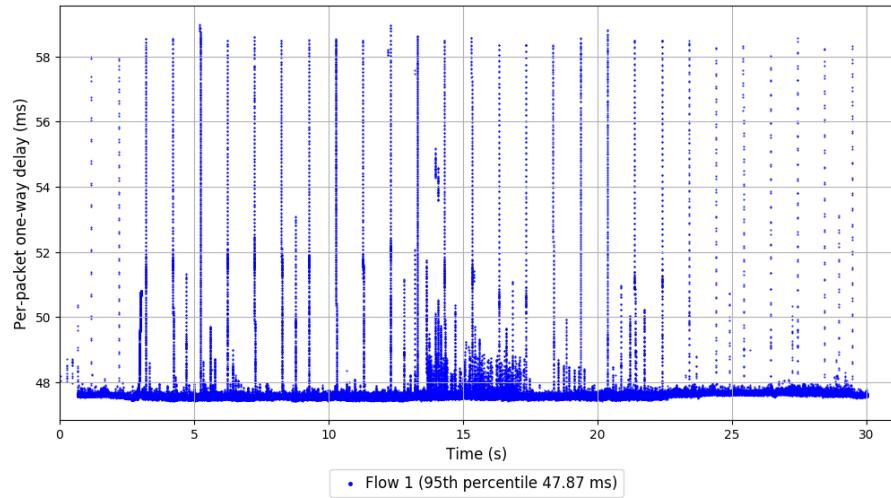
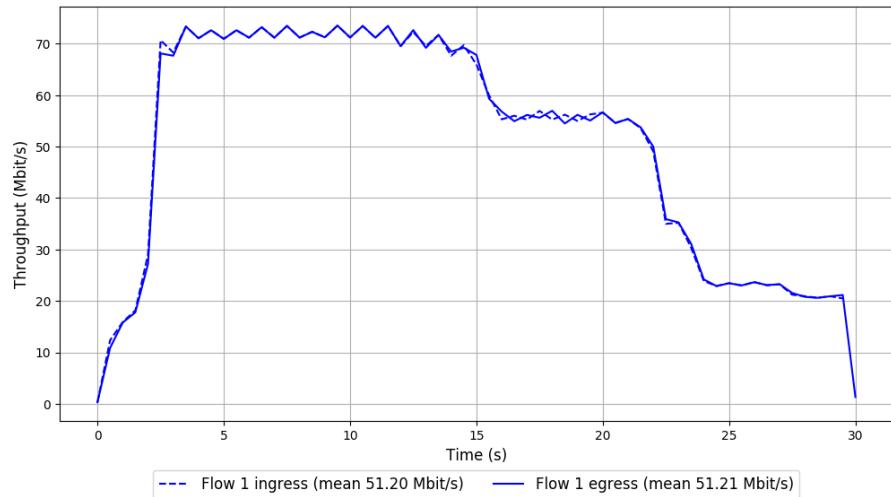


Run 3: Statistics of Copa

```
Start at: 2017-08-21 22:13:46
End at: 2017-08-21 22:14:16
Local clock offset: 1.051 ms
Remote clock offset: -1.606 ms

# Below is generated by plot.py at 2017-08-22 01:08:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.21 Mbit/s
95th percentile per-packet one-way delay: 47.873 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 51.21 Mbit/s
95th percentile per-packet one-way delay: 47.873 ms
Loss rate: 0.00%
```

Run 3: Report of Copa — Data Link

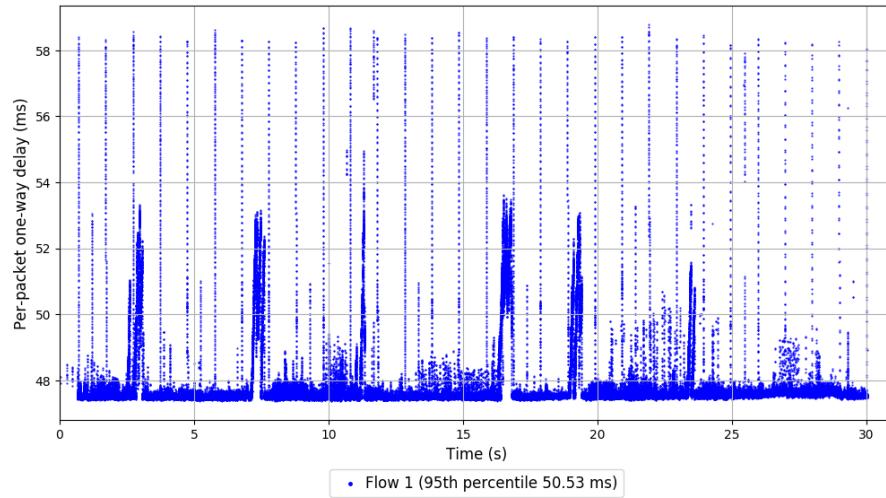
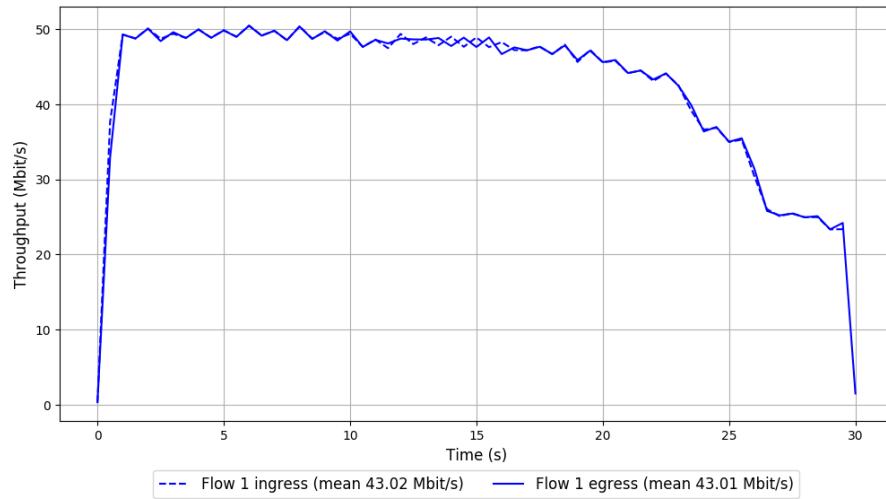


Run 4: Statistics of Copa

```
Start at: 2017-08-21 22:35:47
End at: 2017-08-21 22:36:17
Local clock offset: 1.131 ms
Remote clock offset: -1.66 ms

# Below is generated by plot.py at 2017-08-22 01:08:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.01 Mbit/s
95th percentile per-packet one-way delay: 50.534 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 43.01 Mbit/s
95th percentile per-packet one-way delay: 50.534 ms
Loss rate: 0.02%
```

Run 4: Report of Copa — Data Link

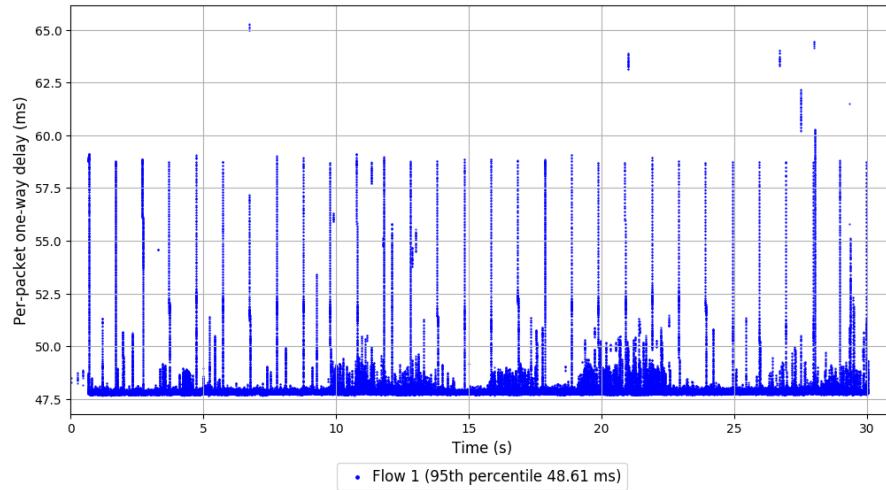
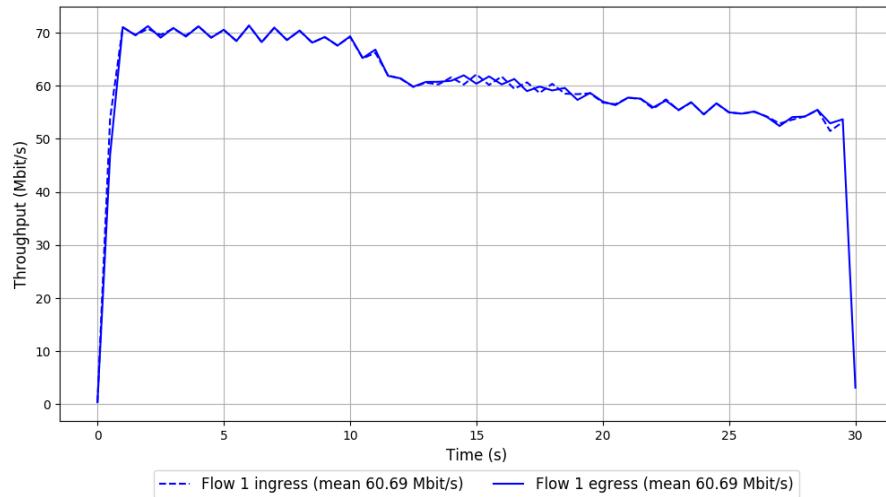


Run 5: Statistics of Copa

```
Start at: 2017-08-21 22:55:51
End at: 2017-08-21 22:56:21
Local clock offset: 0.791 ms
Remote clock offset: -1.717 ms

# Below is generated by plot.py at 2017-08-22 01:08:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.69 Mbit/s
95th percentile per-packet one-way delay: 48.612 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 60.69 Mbit/s
95th percentile per-packet one-way delay: 48.612 ms
Loss rate: 0.01%
```

Run 5: Report of Copa — Data Link

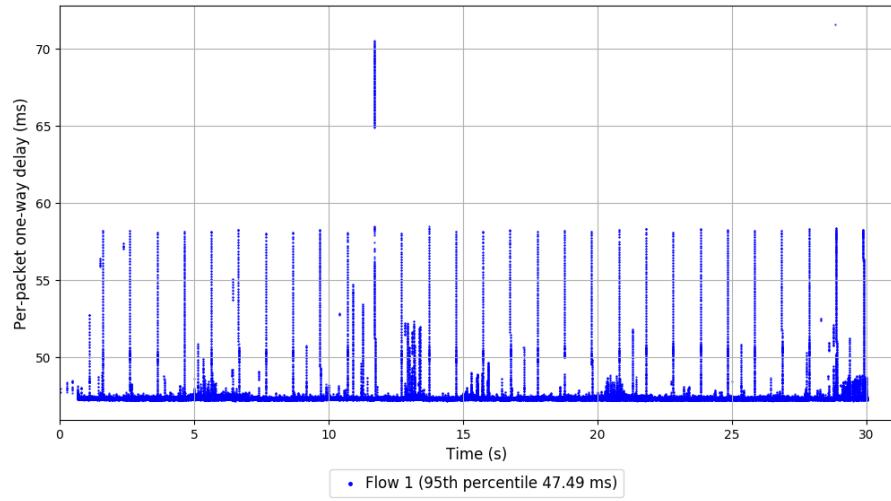
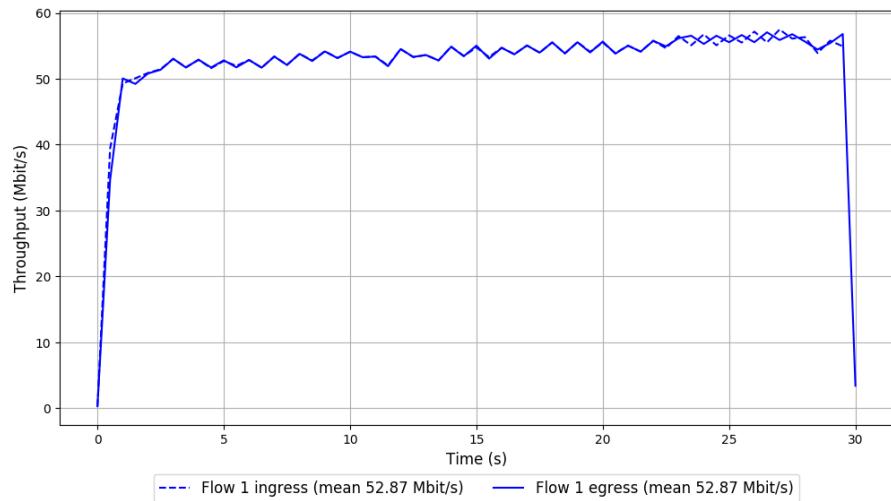


Run 6: Statistics of Copa

```
Start at: 2017-08-21 23:17:32
End at: 2017-08-21 23:18:02
Local clock offset: 1.052 ms
Remote clock offset: -1.694 ms

# Below is generated by plot.py at 2017-08-22 01:09:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.87 Mbit/s
95th percentile per-packet one-way delay: 47.493 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 52.87 Mbit/s
95th percentile per-packet one-way delay: 47.493 ms
Loss rate: 0.00%
```

Run 6: Report of Copa — Data Link

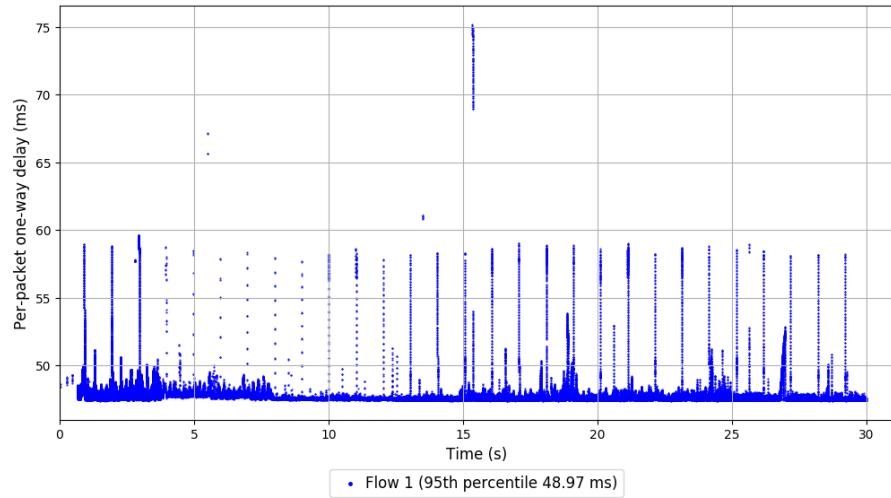
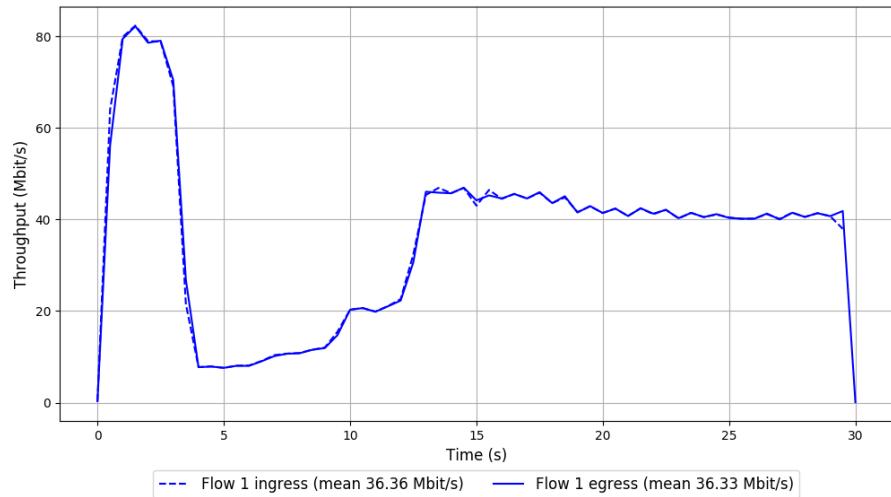


Run 7: Statistics of Copa

```
Start at: 2017-08-21 23:38:25
End at: 2017-08-21 23:38:55
Local clock offset: 1.285 ms
Remote clock offset: -1.725 ms

# Below is generated by plot.py at 2017-08-22 01:09:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.33 Mbit/s
95th percentile per-packet one-way delay: 48.972 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 36.33 Mbit/s
95th percentile per-packet one-way delay: 48.972 ms
Loss rate: 0.06%
```

Run 7: Report of Copa — Data Link

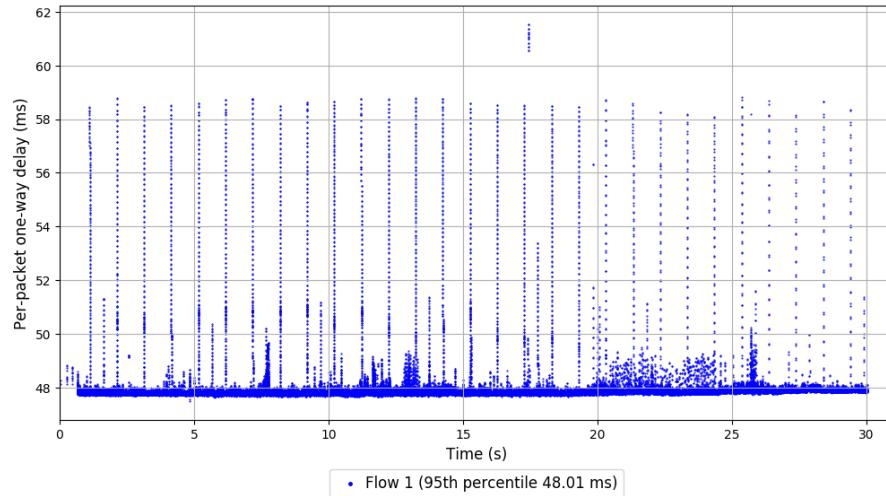
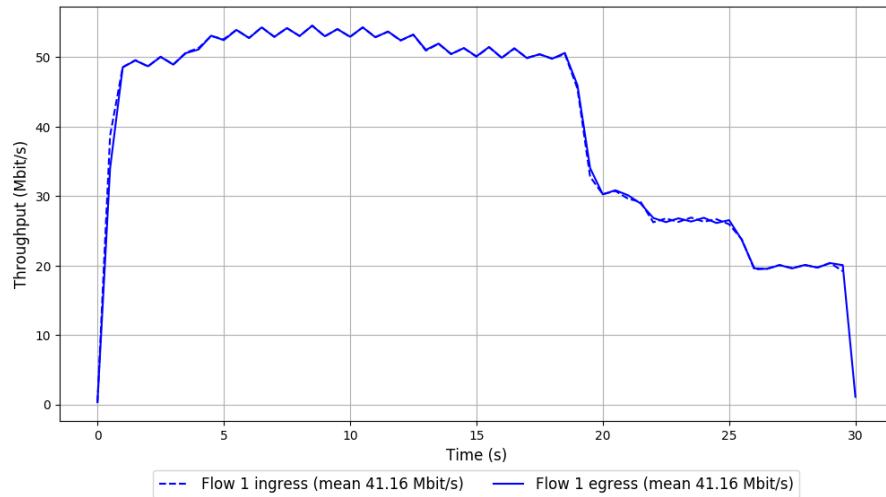


Run 8: Statistics of Copa

```
Start at: 2017-08-21 23:58:40
End at: 2017-08-21 23:59:10
Local clock offset: 1.003 ms
Remote clock offset: -1.731 ms

# Below is generated by plot.py at 2017-08-22 01:09:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.16 Mbit/s
95th percentile per-packet one-way delay: 48.013 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 41.16 Mbit/s
95th percentile per-packet one-way delay: 48.013 ms
Loss rate: 0.00%
```

Run 8: Report of Copa — Data Link

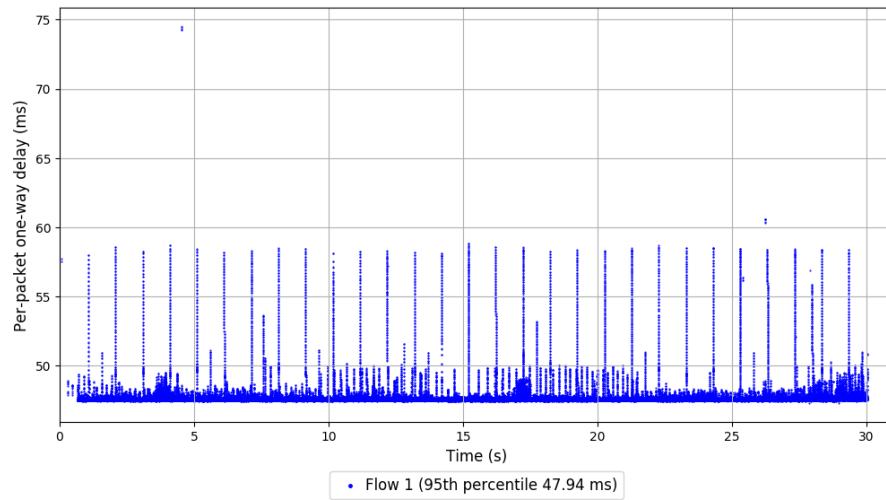
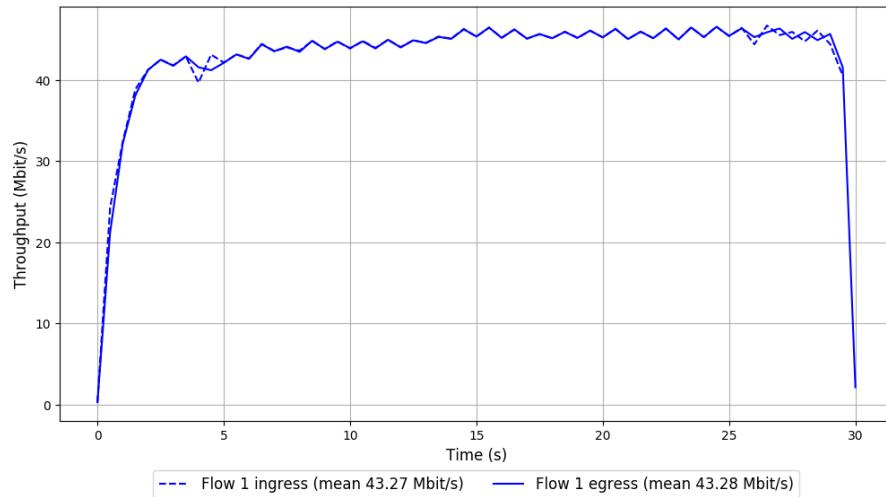


Run 9: Statistics of Copa

```
Start at: 2017-08-22 00:19:32
End at: 2017-08-22 00:20:02
Local clock offset: 1.404 ms
Remote clock offset: -1.638 ms

# Below is generated by plot.py at 2017-08-22 01:09:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.28 Mbit/s
95th percentile per-packet one-way delay: 47.943 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 43.28 Mbit/s
95th percentile per-packet one-way delay: 47.943 ms
Loss rate: 0.01%
```

Run 9: Report of Copa — Data Link

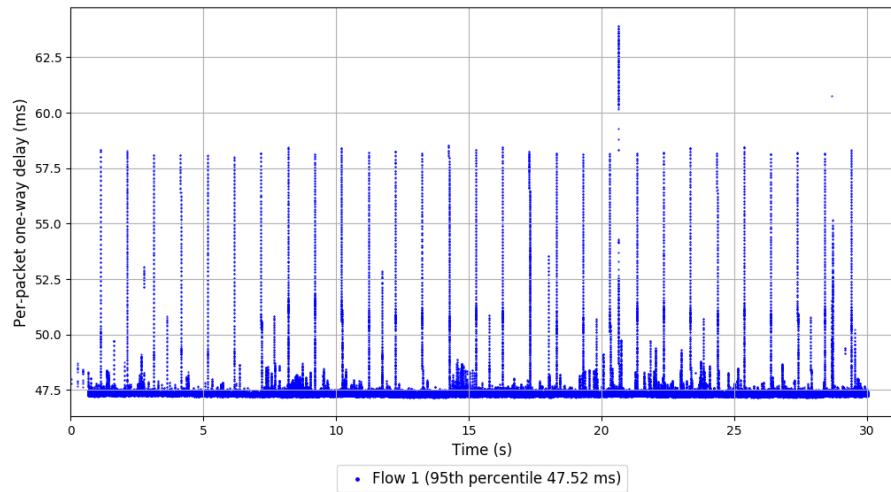
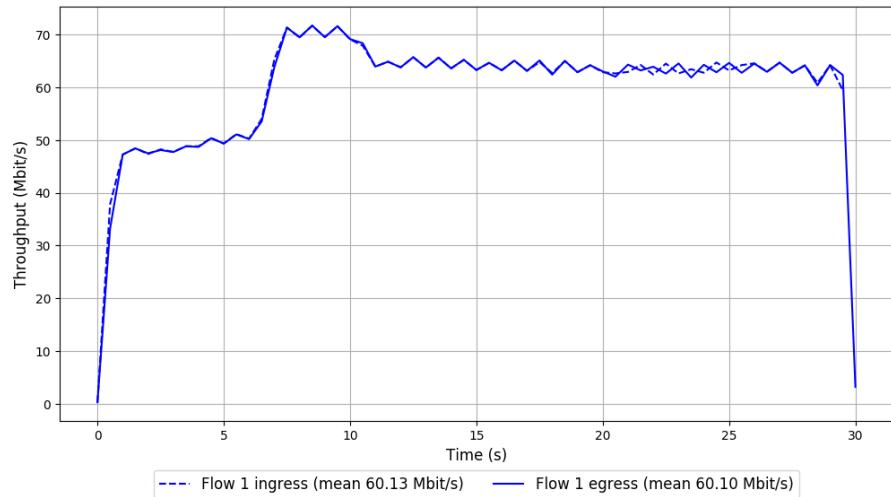


Run 10: Statistics of Copa

```
Start at: 2017-08-22 00:39:30
End at: 2017-08-22 00:40:00
Local clock offset: 1.411 ms
Remote clock offset: -1.605 ms

# Below is generated by plot.py at 2017-08-22 01:09:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.10 Mbit/s
95th percentile per-packet one-way delay: 47.521 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 60.10 Mbit/s
95th percentile per-packet one-way delay: 47.521 ms
Loss rate: 0.04%
```

Run 10: Report of Copa — Data Link

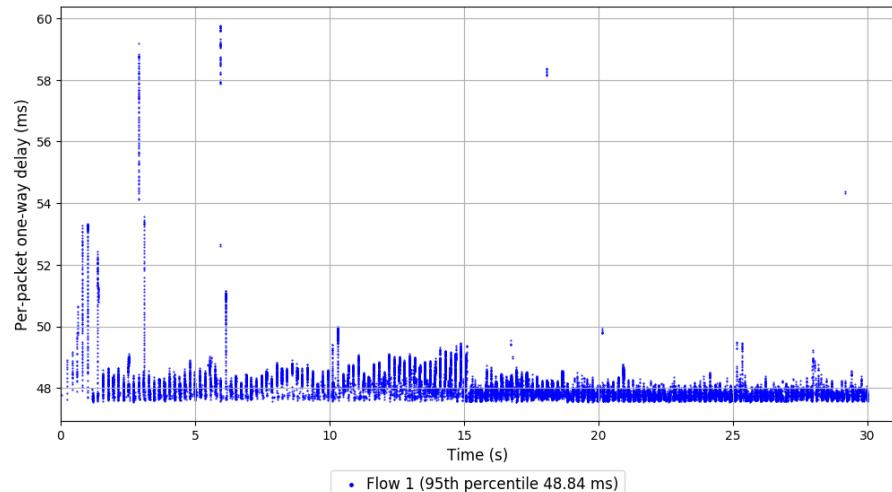
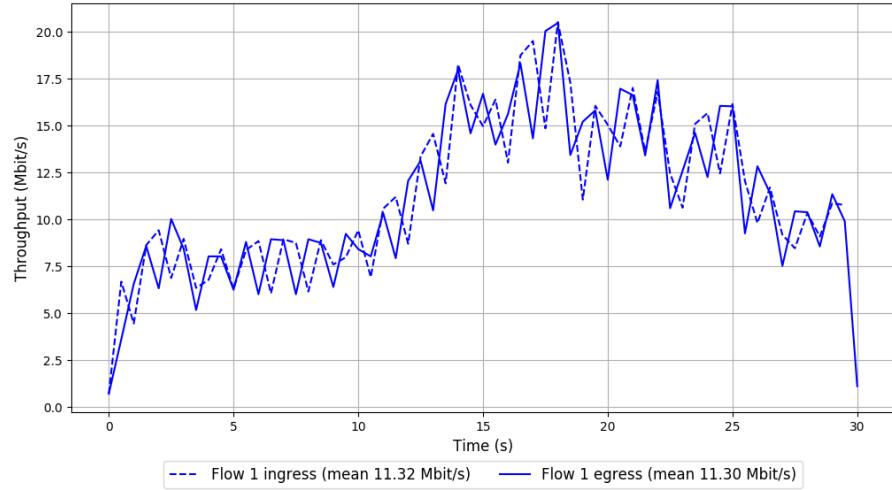


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2017-08-21 21:33:26
End at: 2017-08-21 21:33:56
Local clock offset: 0.556 ms
Remote clock offset: -1.228 ms

# Below is generated by plot.py at 2017-08-22 01:09:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.30 Mbit/s
95th percentile per-packet one-way delay: 48.838 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 11.30 Mbit/s
95th percentile per-packet one-way delay: 48.838 ms
Loss rate: 0.22%
```

Run 1: Report of TCP Cubic — Data Link

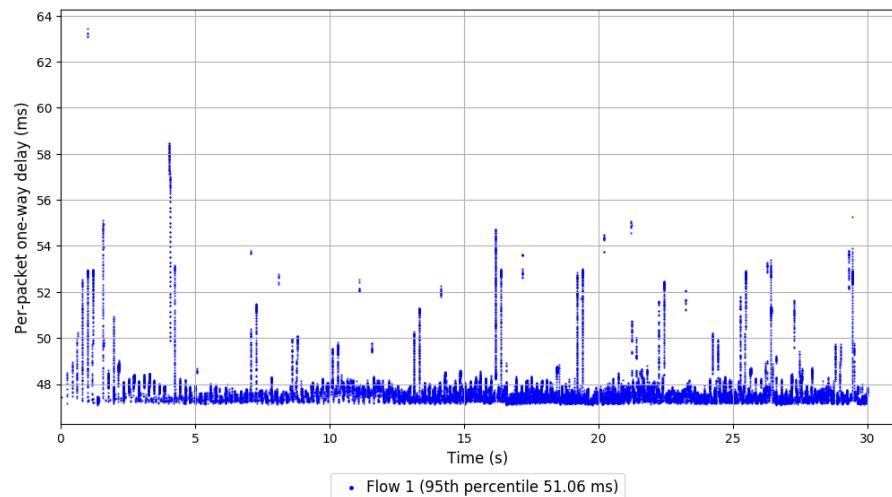
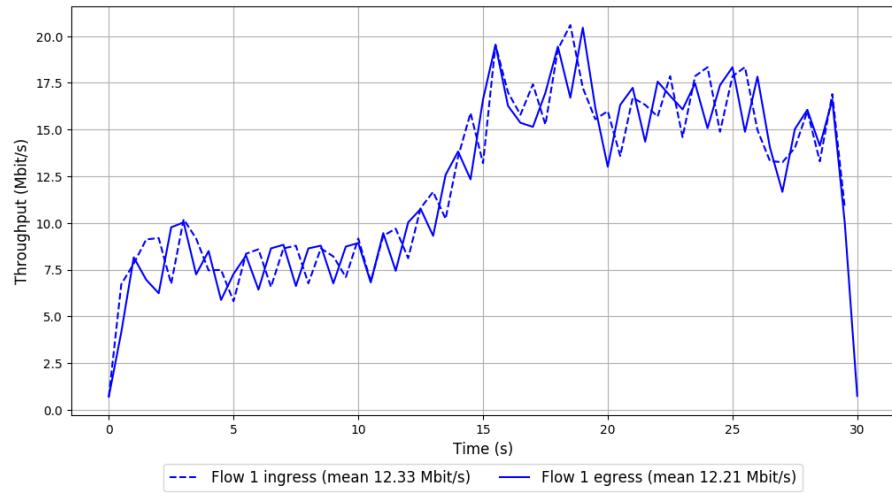


Run 2: Statistics of TCP Cubic

```
Start at: 2017-08-21 21:54:35
End at: 2017-08-21 21:55:05
Local clock offset: 1.086 ms
Remote clock offset: -1.438 ms

# Below is generated by plot.py at 2017-08-22 01:09:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.21 Mbit/s
95th percentile per-packet one-way delay: 51.062 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 12.21 Mbit/s
95th percentile per-packet one-way delay: 51.062 ms
Loss rate: 1.01%
```

Run 2: Report of TCP Cubic — Data Link

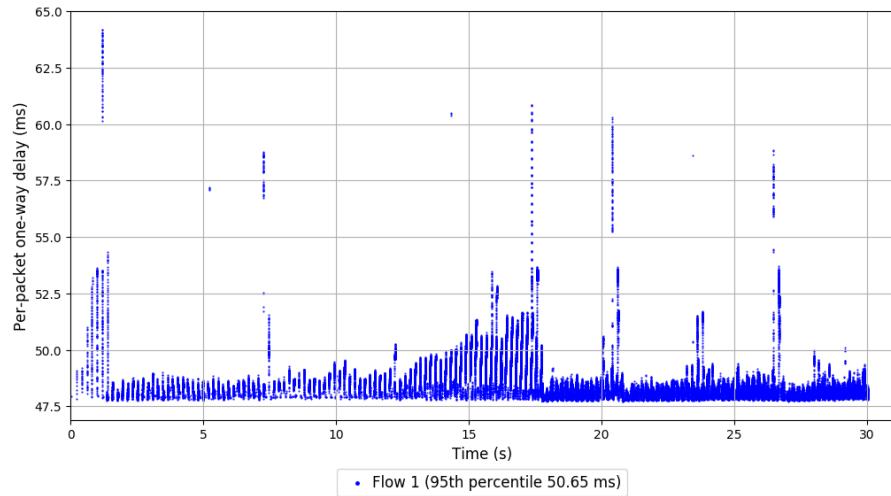
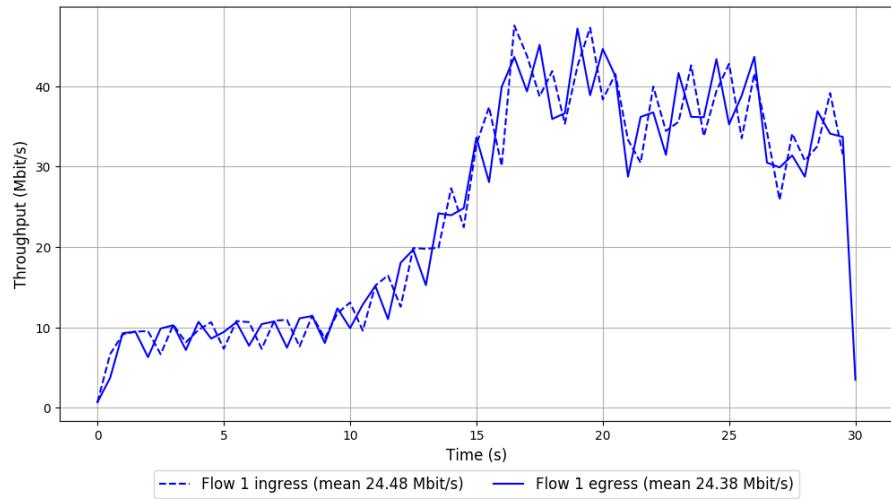


Run 3: Statistics of TCP Cubic

```
Start at: 2017-08-21 22:15:36
End at: 2017-08-21 22:16:06
Local clock offset: 0.81 ms
Remote clock offset: -1.627 ms

# Below is generated by plot.py at 2017-08-22 01:09:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.38 Mbit/s
95th percentile per-packet one-way delay: 50.652 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 24.38 Mbit/s
95th percentile per-packet one-way delay: 50.652 ms
Loss rate: 0.40%
```

Run 3: Report of TCP Cubic — Data Link

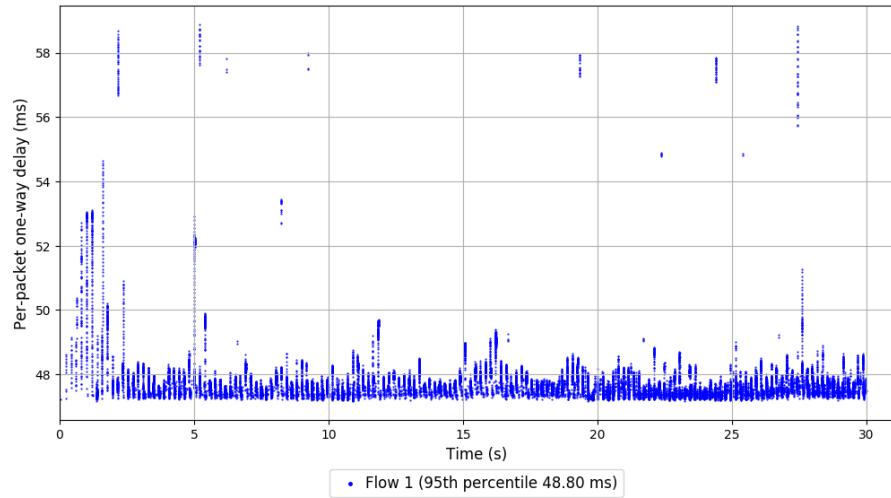
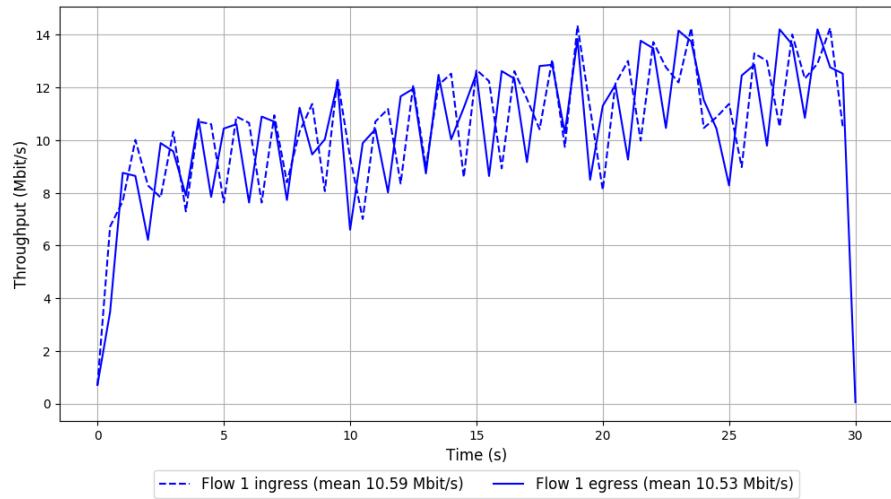


Run 4: Statistics of TCP Cubic

```
Start at: 2017-08-21 22:37:40
End at: 2017-08-21 22:38:10
Local clock offset: 1.192 ms
Remote clock offset: -1.614 ms

# Below is generated by plot.py at 2017-08-22 01:09:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.53 Mbit/s
95th percentile per-packet one-way delay: 48.798 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 10.53 Mbit/s
95th percentile per-packet one-way delay: 48.798 ms
Loss rate: 0.57%
```

Run 4: Report of TCP Cubic — Data Link

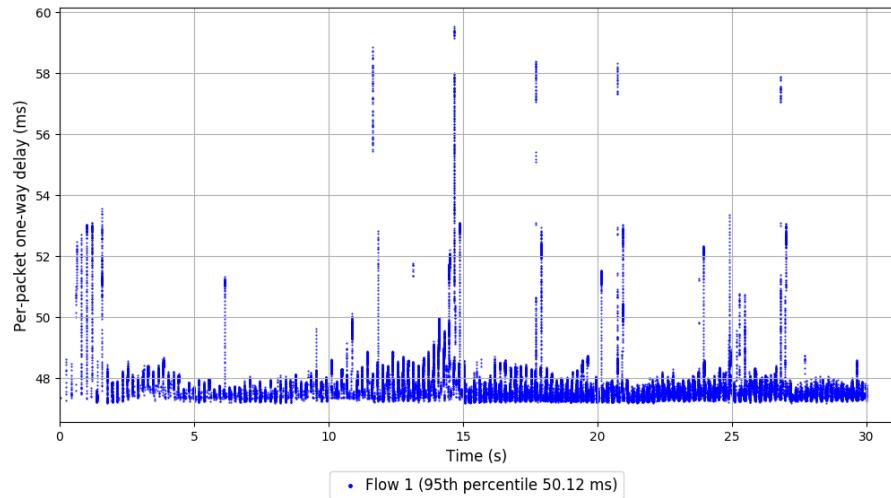
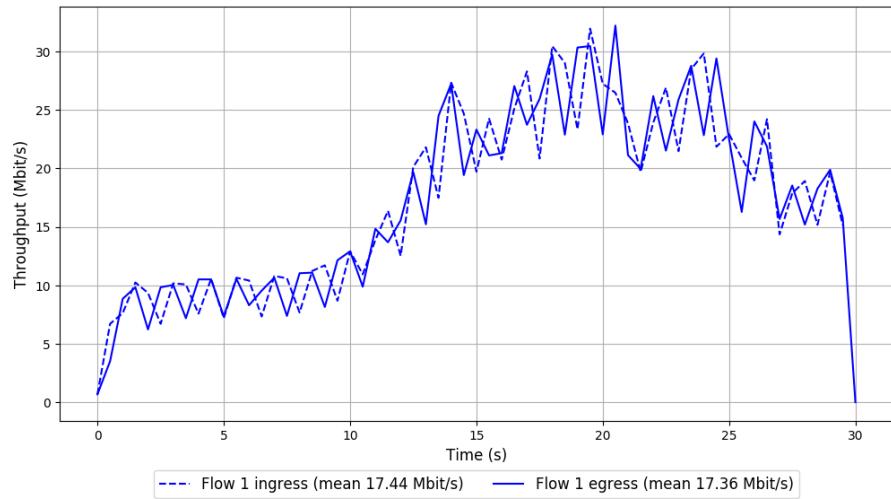


Run 5: Statistics of TCP Cubic

```
Start at: 2017-08-21 22:57:44
End at: 2017-08-21 22:58:14
Local clock offset: 1.133 ms
Remote clock offset: -1.708 ms

# Below is generated by plot.py at 2017-08-22 01:09:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.36 Mbit/s
95th percentile per-packet one-way delay: 50.125 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 17.36 Mbit/s
95th percentile per-packet one-way delay: 50.125 ms
Loss rate: 0.45%
```

Run 5: Report of TCP Cubic — Data Link

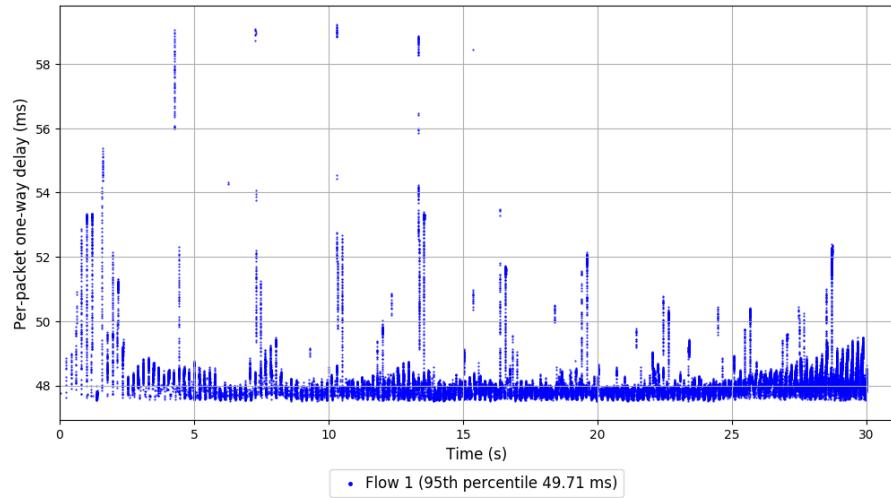
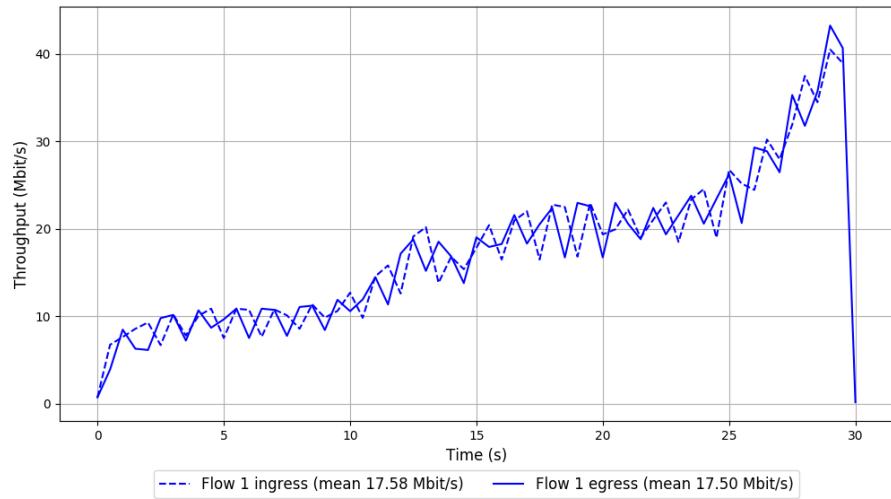


Run 6: Statistics of TCP Cubic

```
Start at: 2017-08-21 23:19:24
End at: 2017-08-21 23:19:54
Local clock offset: 0.888 ms
Remote clock offset: -1.646 ms

# Below is generated by plot.py at 2017-08-22 01:09:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.50 Mbit/s
95th percentile per-packet one-way delay: 49.714 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 17.50 Mbit/s
95th percentile per-packet one-way delay: 49.714 ms
Loss rate: 0.46%
```

Run 6: Report of TCP Cubic — Data Link

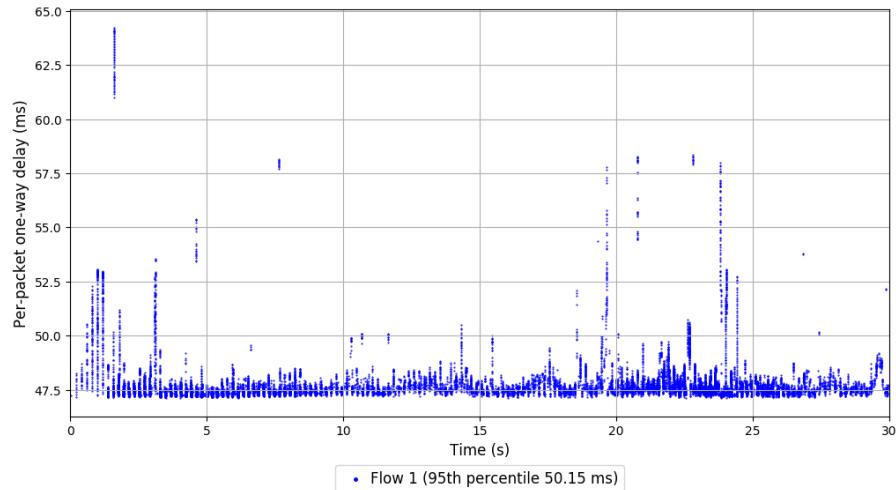
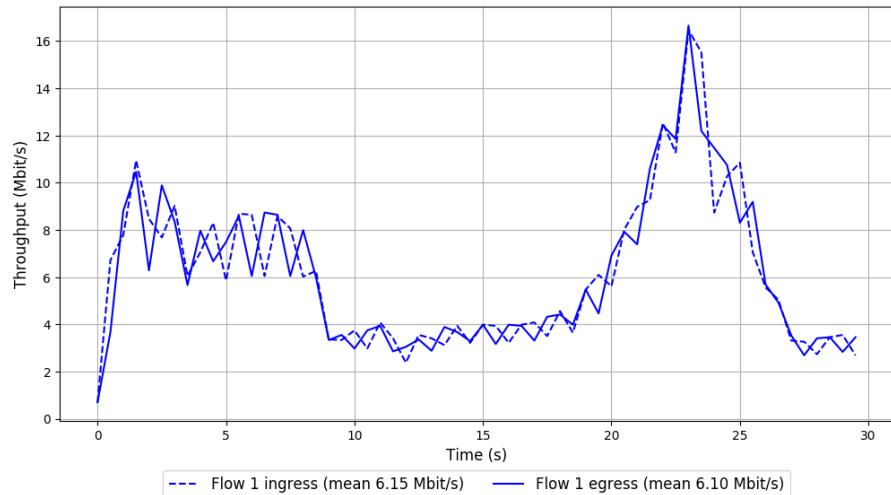


Run 7: Statistics of TCP Cubic

```
Start at: 2017-08-21 23:40:00
End at: 2017-08-21 23:40:30
Local clock offset: 1.321 ms
Remote clock offset: -1.747 ms

# Below is generated by plot.py at 2017-08-22 01:09:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.10 Mbit/s
95th percentile per-packet one-way delay: 50.151 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 6.10 Mbit/s
95th percentile per-packet one-way delay: 50.151 ms
Loss rate: 0.77%
```

Run 7: Report of TCP Cubic — Data Link

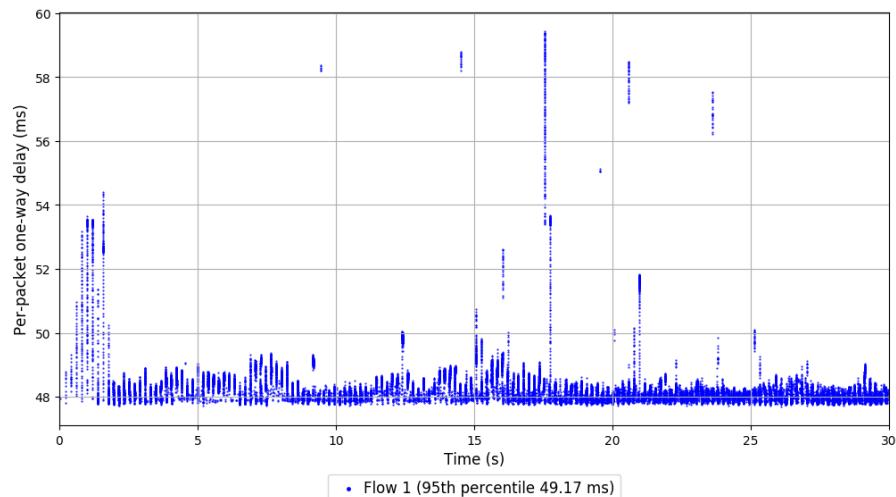
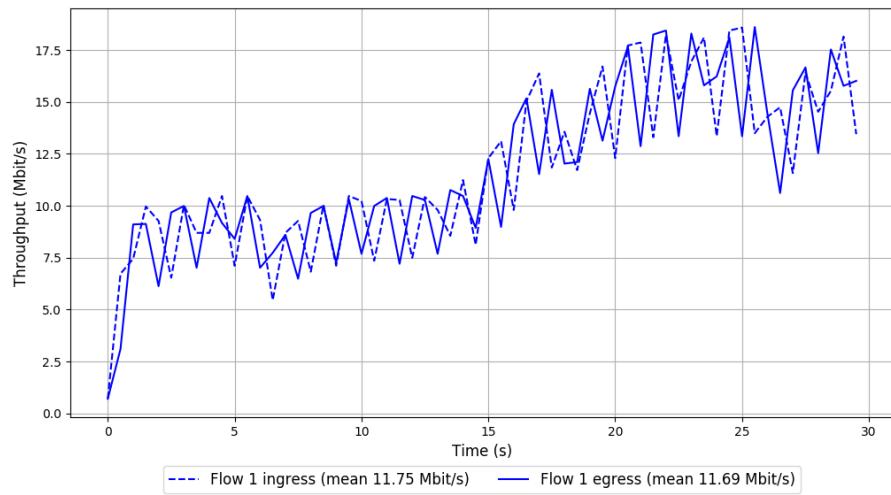


Run 8: Statistics of TCP Cubic

```
Start at: 2017-08-22 00:00:18
End at: 2017-08-22 00:00:48
Local clock offset: 1.053 ms
Remote clock offset: -1.69 ms

# Below is generated by plot.py at 2017-08-22 01:09:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.69 Mbit/s
95th percentile per-packet one-way delay: 49.167 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 11.69 Mbit/s
95th percentile per-packet one-way delay: 49.167 ms
Loss rate: 0.54%
```

Run 8: Report of TCP Cubic — Data Link

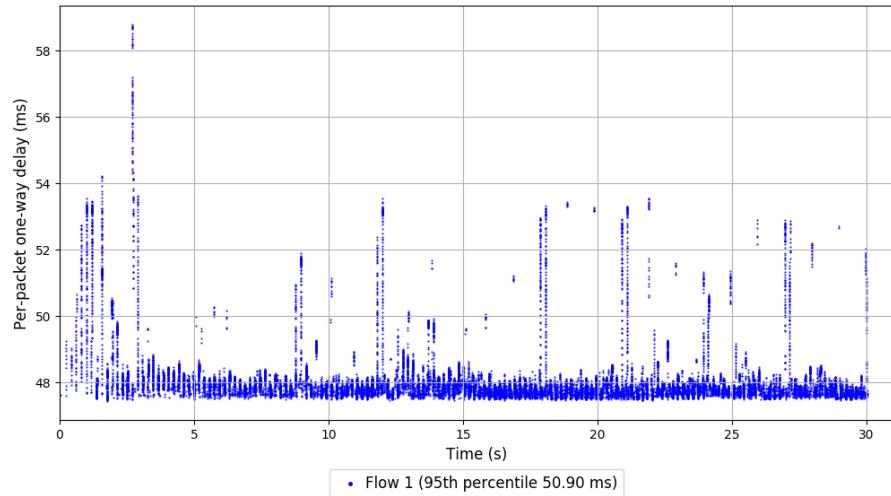
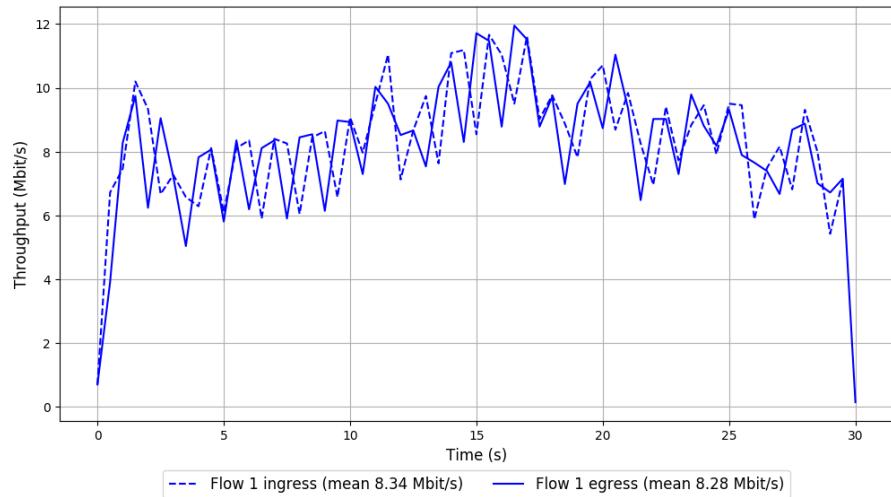


Run 9: Statistics of TCP Cubic

```
Start at: 2017-08-22 00:21:19
End at: 2017-08-22 00:21:49
Local clock offset: 1.089 ms
Remote clock offset: -1.664 ms

# Below is generated by plot.py at 2017-08-22 01:09:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.28 Mbit/s
95th percentile per-packet one-way delay: 50.902 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 8.28 Mbit/s
95th percentile per-packet one-way delay: 50.902 ms
Loss rate: 0.77%
```

Run 9: Report of TCP Cubic — Data Link

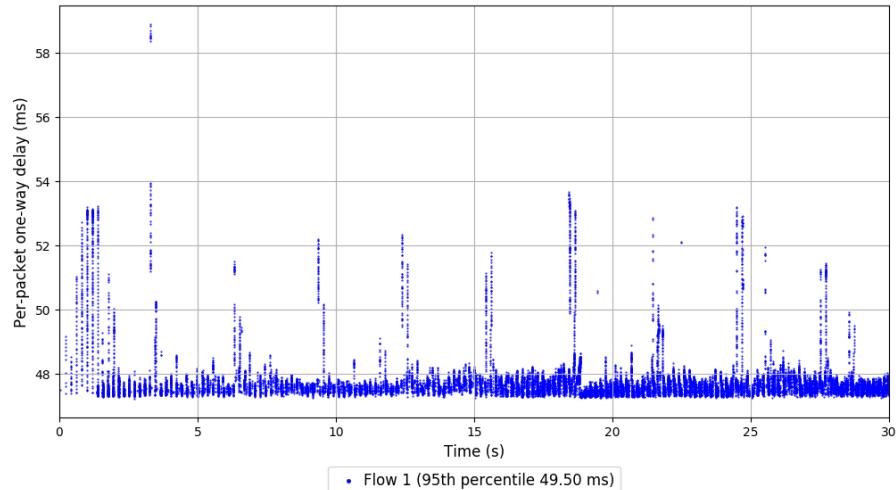
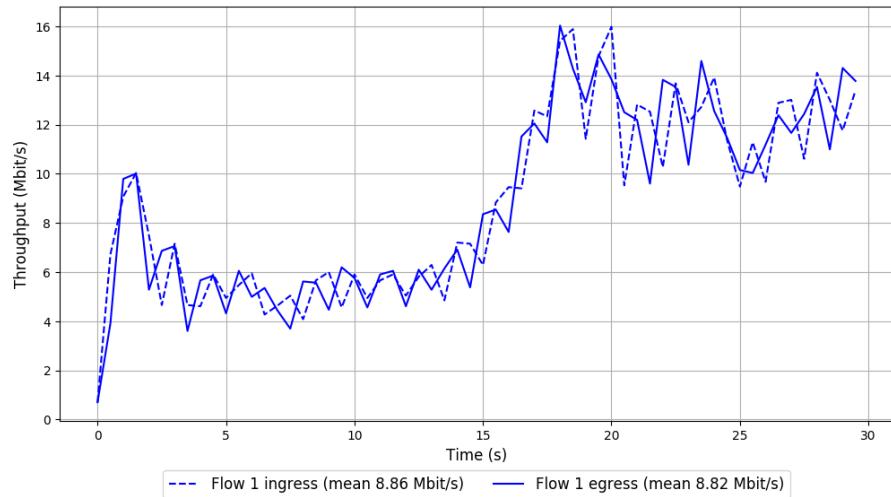


Run 10: Statistics of TCP Cubic

```
Start at: 2017-08-22 00:41:25
End at: 2017-08-22 00:41:55
Local clock offset: 1.475 ms
Remote clock offset: -1.567 ms

# Below is generated by plot.py at 2017-08-22 01:09:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.82 Mbit/s
95th percentile per-packet one-way delay: 49.503 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 8.82 Mbit/s
95th percentile per-packet one-way delay: 49.503 ms
Loss rate: 0.45%
```

Run 10: Report of TCP Cubic — Data Link

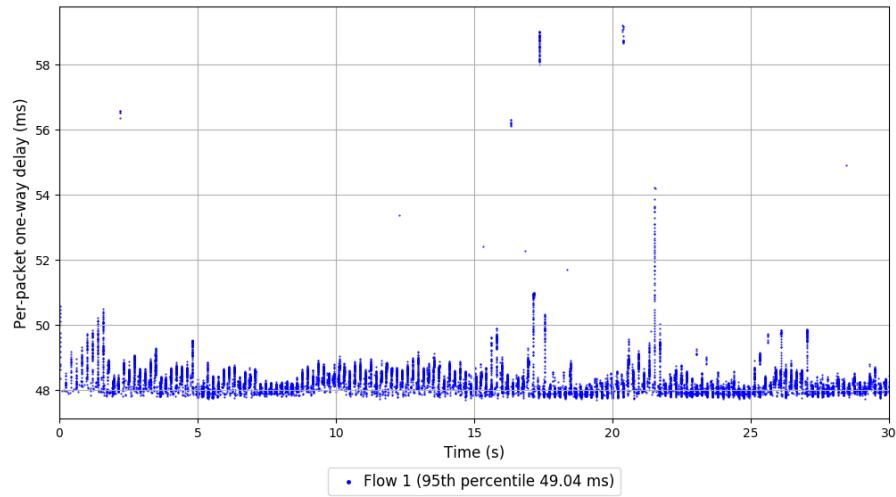
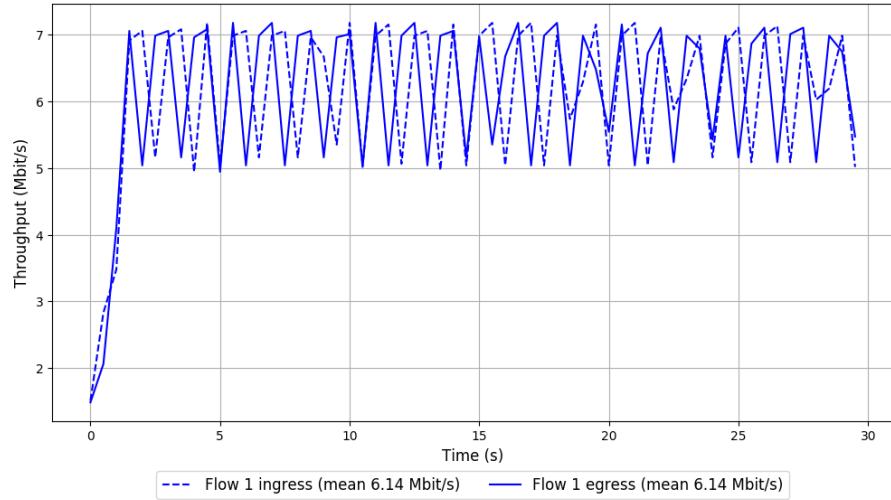


```
Run 1: Statistics of KohoCC
```

```
Start at: 2017-08-21 21:39:38
End at: 2017-08-21 21:40:08
Local clock offset: 0.704 ms
Remote clock offset: -1.305 ms

# Below is generated by plot.py at 2017-08-22 01:09:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.14 Mbit/s
95th percentile per-packet one-way delay: 49.037 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 6.14 Mbit/s
95th percentile per-packet one-way delay: 49.037 ms
Loss rate: 0.08%
```

Run 1: Report of KohoCC — Data Link

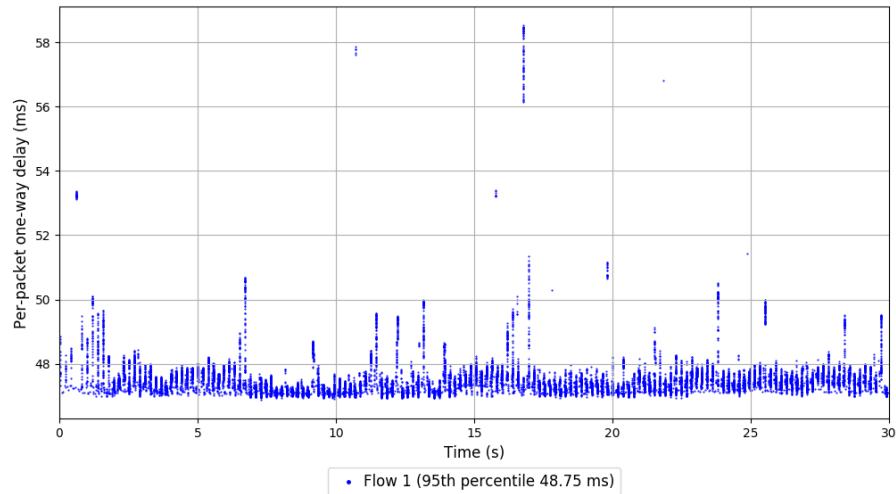
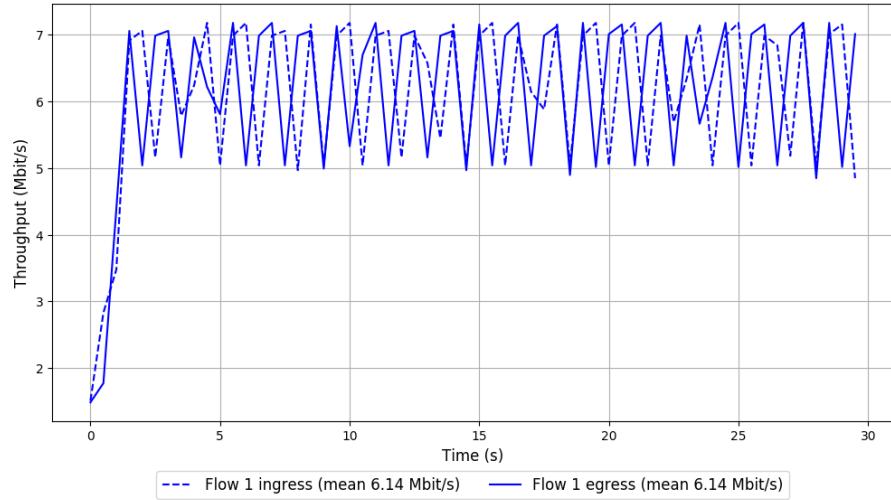


Run 2: Statistics of KohoCC

```
Start at: 2017-08-21 22:00:45
End at: 2017-08-21 22:01:15
Local clock offset: 1.583 ms
Remote clock offset: -1.503 ms

# Below is generated by plot.py at 2017-08-22 01:09:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.14 Mbit/s
95th percentile per-packet one-way delay: 48.747 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.14 Mbit/s
95th percentile per-packet one-way delay: 48.747 ms
Loss rate: 0.00%
```

Run 2: Report of KohoCC — Data Link

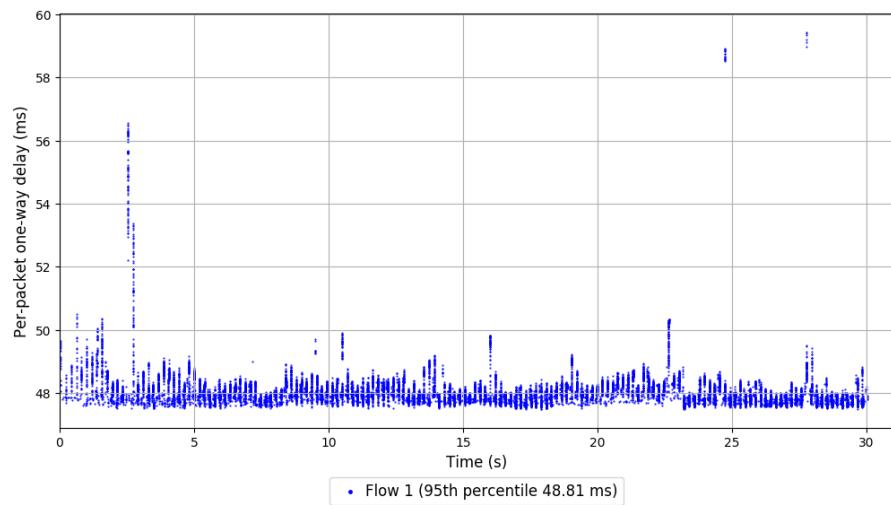
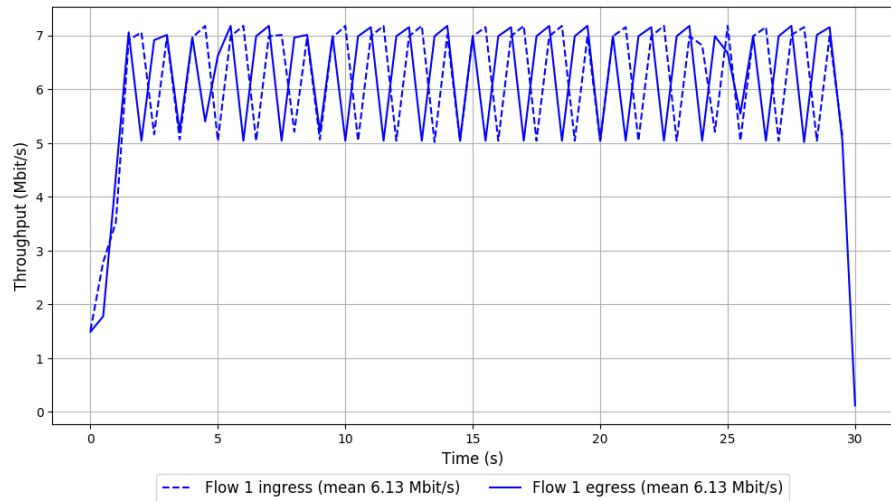


Run 3: Statistics of KohoCC

```
Start at: 2017-08-21 22:21:58
End at: 2017-08-21 22:22:28
Local clock offset: 0.828 ms
Remote clock offset: -1.7 ms

# Below is generated by plot.py at 2017-08-22 01:09:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.13 Mbit/s
95th percentile per-packet one-way delay: 48.815 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 6.13 Mbit/s
95th percentile per-packet one-way delay: 48.815 ms
Loss rate: 0.03%
```

Run 3: Report of KohoCC — Data Link

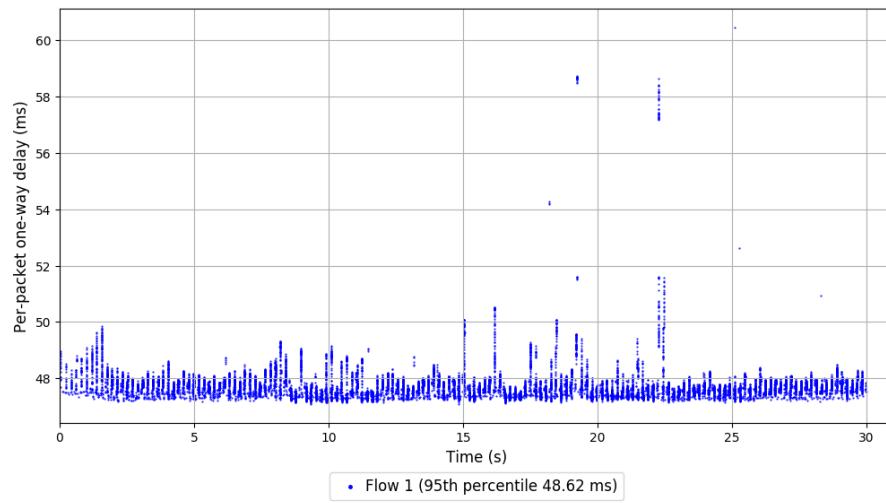
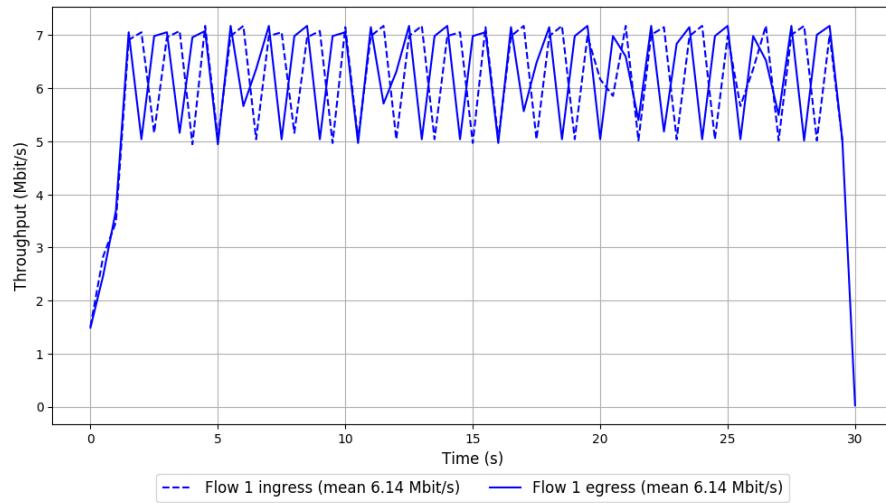


Run 4: Statistics of KohoCC

```
Start at: 2017-08-21 22:43:52
End at: 2017-08-21 22:44:22
Local clock offset: 1.138 ms
Remote clock offset: -1.693 ms

# Below is generated by plot.py at 2017-08-22 01:09:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.14 Mbit/s
95th percentile per-packet one-way delay: 48.624 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 6.14 Mbit/s
95th percentile per-packet one-way delay: 48.624 ms
Loss rate: 0.01%
```

Run 4: Report of KohoCC — Data Link

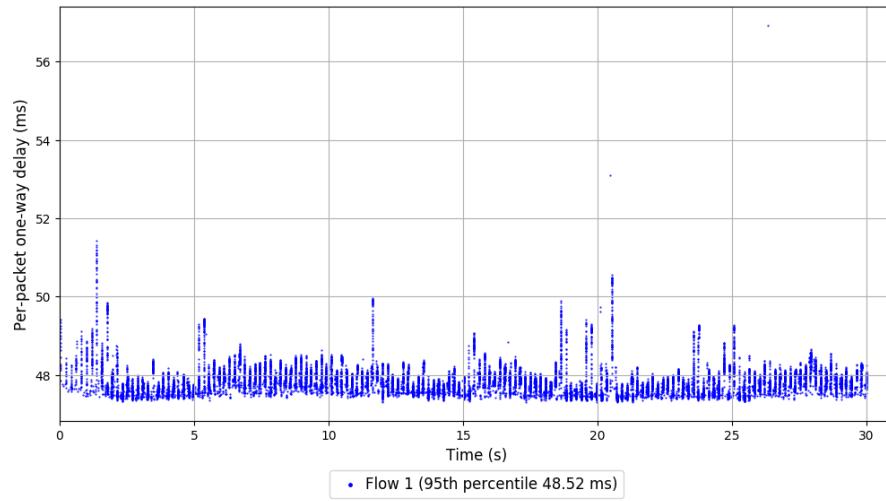
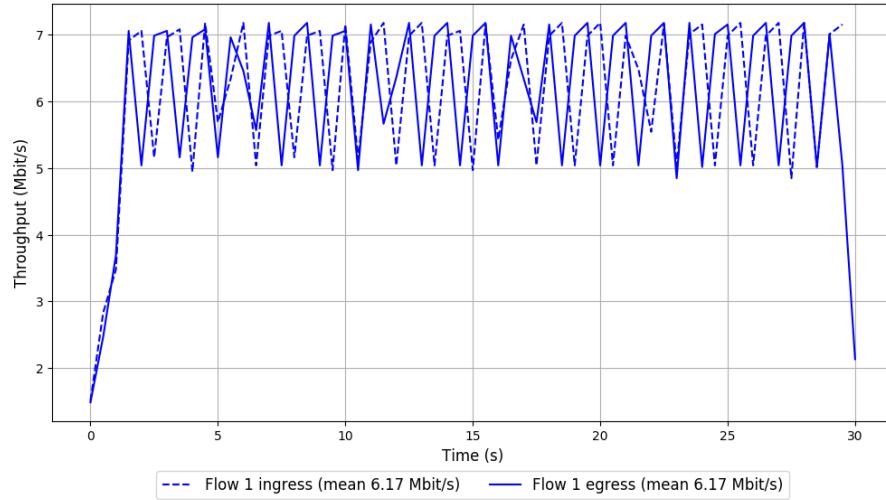


Run 5: Statistics of KohoCC

```
Start at: 2017-08-21 23:04:00
End at: 2017-08-21 23:04:30
Local clock offset: 1.069 ms
Remote clock offset: -1.677 ms

# Below is generated by plot.py at 2017-08-22 01:09:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.17 Mbit/s
95th percentile per-packet one-way delay: 48.519 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.17 Mbit/s
95th percentile per-packet one-way delay: 48.519 ms
Loss rate: 0.00%
```

Run 5: Report of KohoCC — Data Link

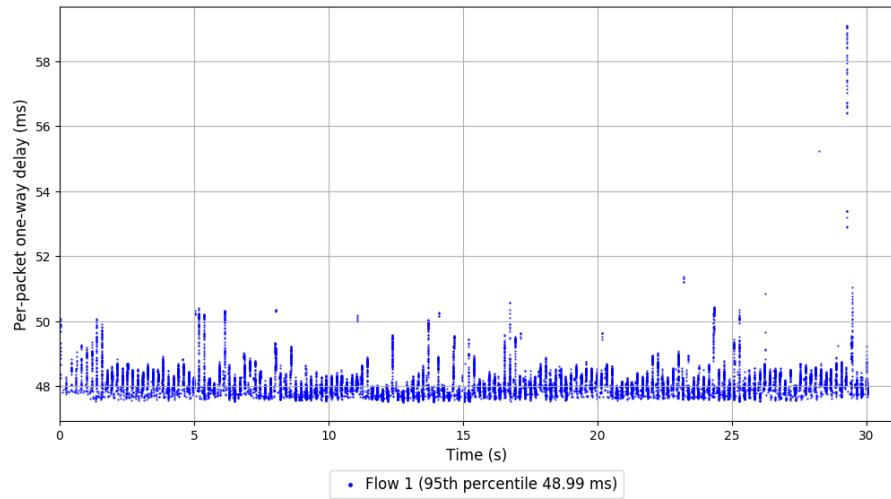
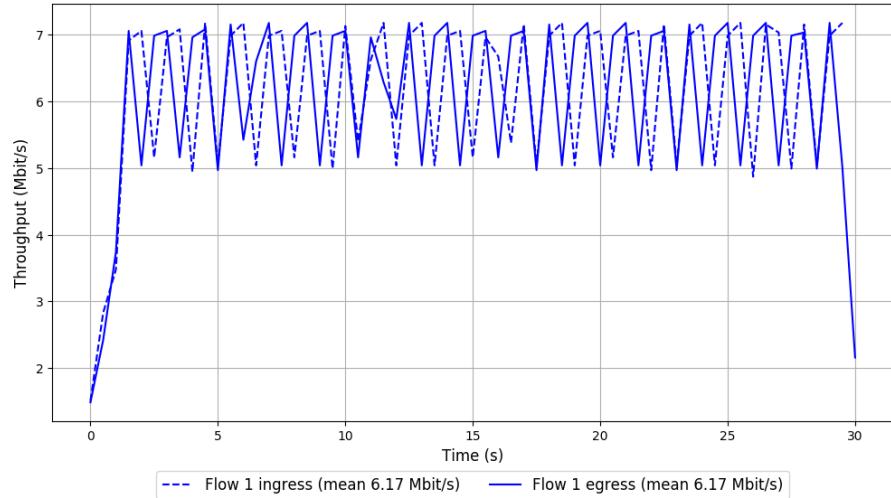


Run 6: Statistics of KohoCC

```
Start at: 2017-08-21 23:25:38
End at: 2017-08-21 23:26:08
Local clock offset: 1.15 ms
Remote clock offset: -1.683 ms

# Below is generated by plot.py at 2017-08-22 01:09:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.17 Mbit/s
95th percentile per-packet one-way delay: 48.991 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.17 Mbit/s
95th percentile per-packet one-way delay: 48.991 ms
Loss rate: 0.00%
```

Run 6: Report of KohoCC — Data Link

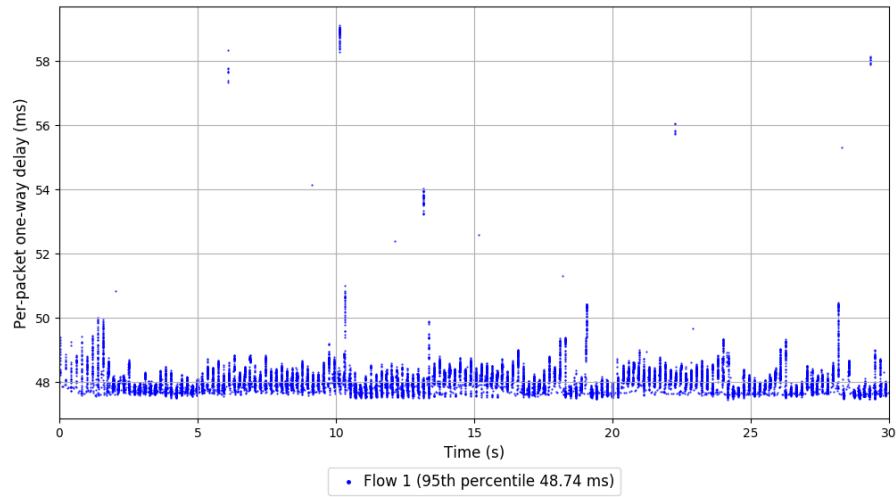
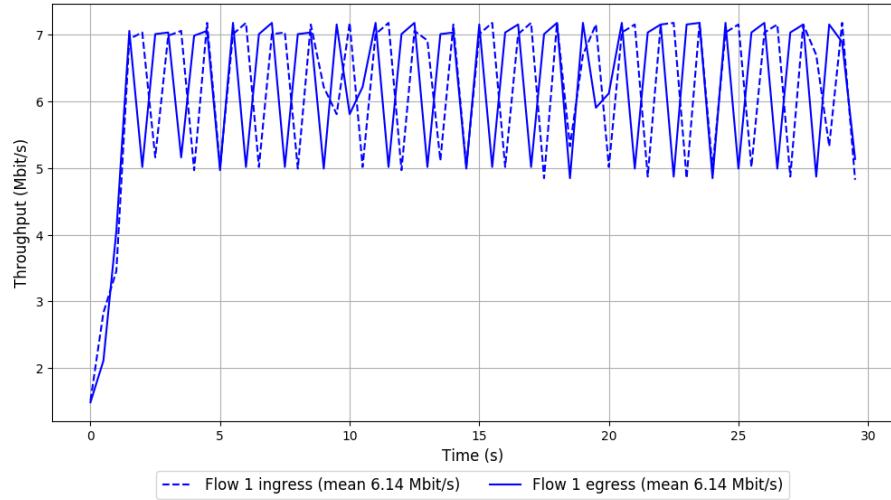


Run 7: Statistics of KohoCC

```
Start at: 2017-08-21 23:46:04
End at: 2017-08-21 23:46:34
Local clock offset: 1.252 ms
Remote clock offset: -1.729 ms

# Below is generated by plot.py at 2017-08-22 01:09:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.14 Mbit/s
95th percentile per-packet one-way delay: 48.738 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.14 Mbit/s
95th percentile per-packet one-way delay: 48.738 ms
Loss rate: 0.00%
```

Run 7: Report of KohoCC — Data Link

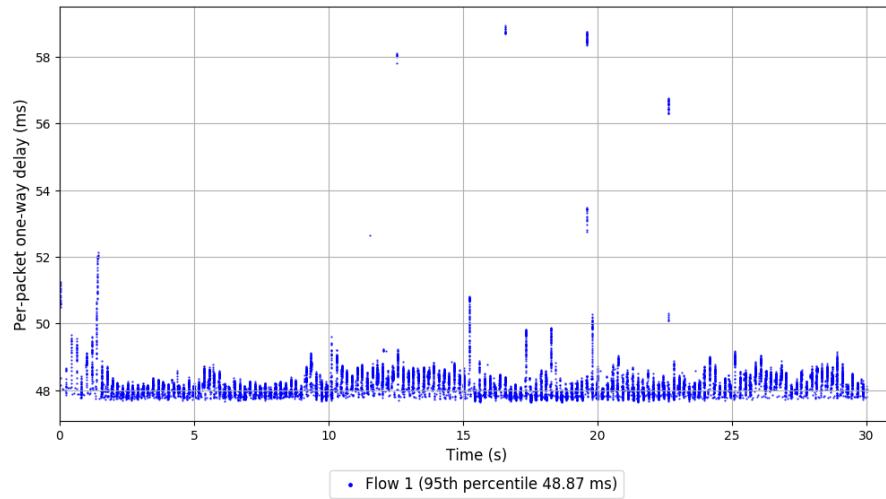
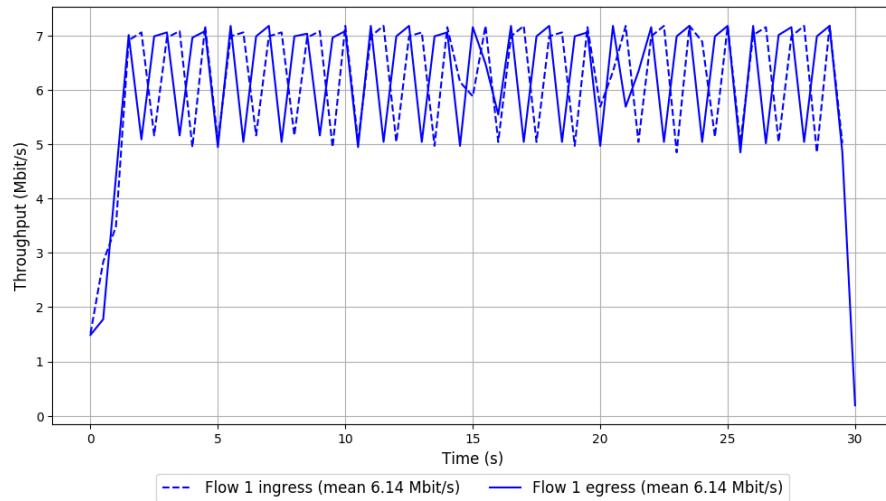


Run 8: Statistics of KohoCC

```
Start at: 2017-08-22 00:06:26
End at: 2017-08-22 00:06:56
Local clock offset: 1.128 ms
Remote clock offset: -1.713 ms

# Below is generated by plot.py at 2017-08-22 01:09:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.14 Mbit/s
95th percentile per-packet one-way delay: 48.871 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 6.14 Mbit/s
95th percentile per-packet one-way delay: 48.871 ms
Loss rate: 0.01%
```

Run 8: Report of KohoCC — Data Link

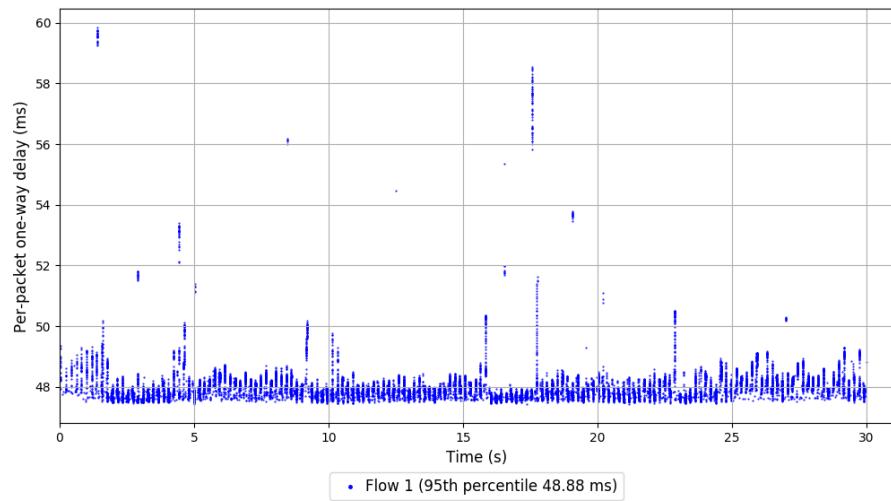
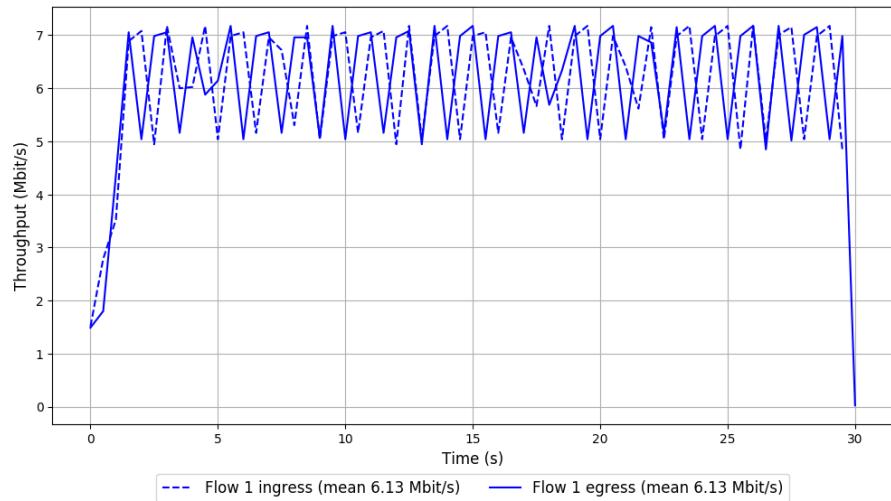


Run 9: Statistics of KohoCC

```
Start at: 2017-08-22 00:27:36
End at: 2017-08-22 00:28:06
Local clock offset: 1.398 ms
Remote clock offset: -1.69 ms

# Below is generated by plot.py at 2017-08-22 01:09:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.13 Mbit/s
95th percentile per-packet one-way delay: 48.885 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.13 Mbit/s
95th percentile per-packet one-way delay: 48.885 ms
Loss rate: 0.00%
```

Run 9: Report of KohoCC — Data Link

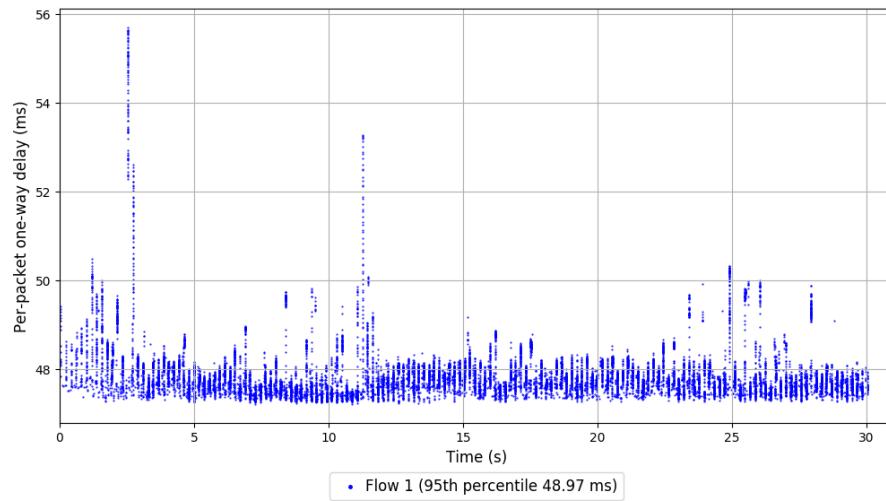
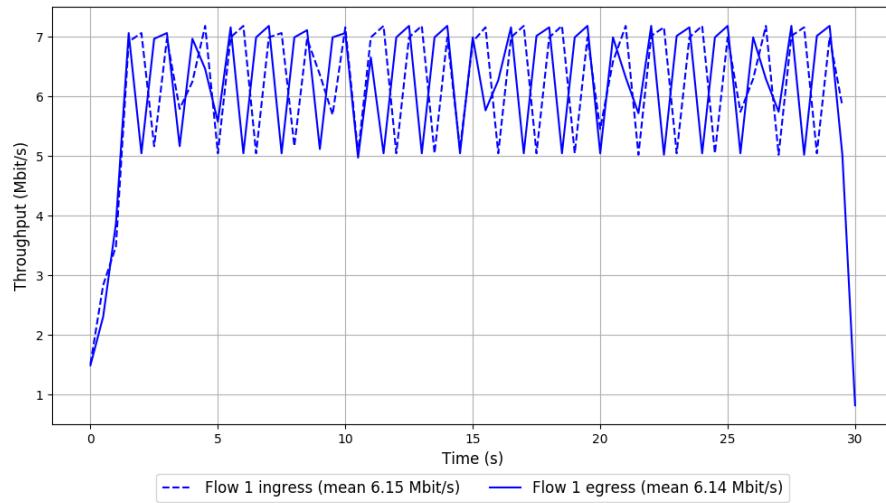


Run 10: Statistics of KohoCC

```
Start at: 2017-08-22 00:47:36
End at: 2017-08-22 00:48:06
Local clock offset: 1.472 ms
Remote clock offset: -1.589 ms

# Below is generated by plot.py at 2017-08-22 01:09:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.14 Mbit/s
95th percentile per-packet one-way delay: 48.968 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 6.14 Mbit/s
95th percentile per-packet one-way delay: 48.968 ms
Loss rate: 0.15%
```

Run 10: Report of KohoCC — Data Link

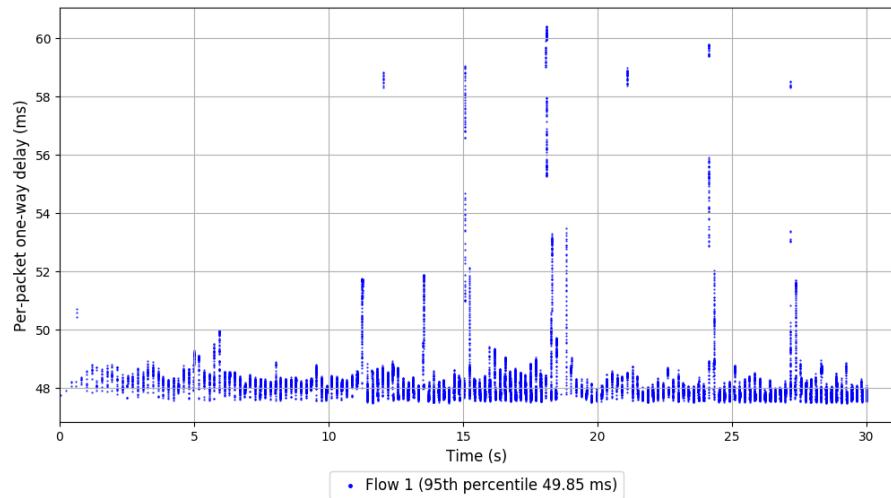
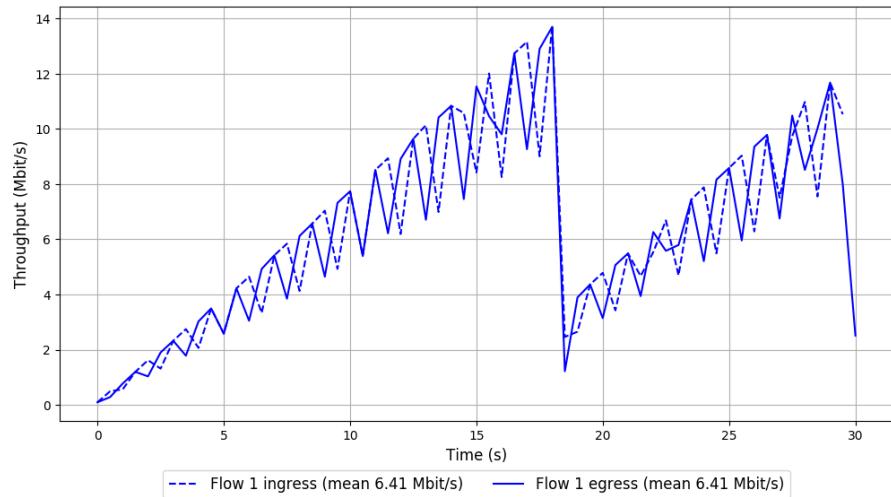


```
Run 1: Statistics of LEDBAT
```

```
Start at: 2017-08-21 21:35:55
End at: 2017-08-21 21:36:25
Local clock offset: 0.885 ms
Remote clock offset: -1.281 ms

# Below is generated by plot.py at 2017-08-22 01:09:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.41 Mbit/s
95th percentile per-packet one-way delay: 49.846 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 6.41 Mbit/s
95th percentile per-packet one-way delay: 49.846 ms
Loss rate: 0.02%
```

Run 1: Report of LEDBAT — Data Link

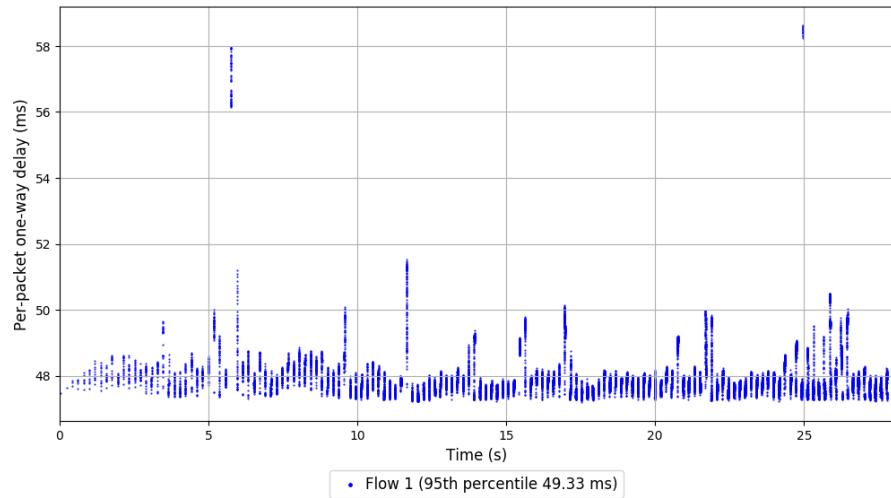
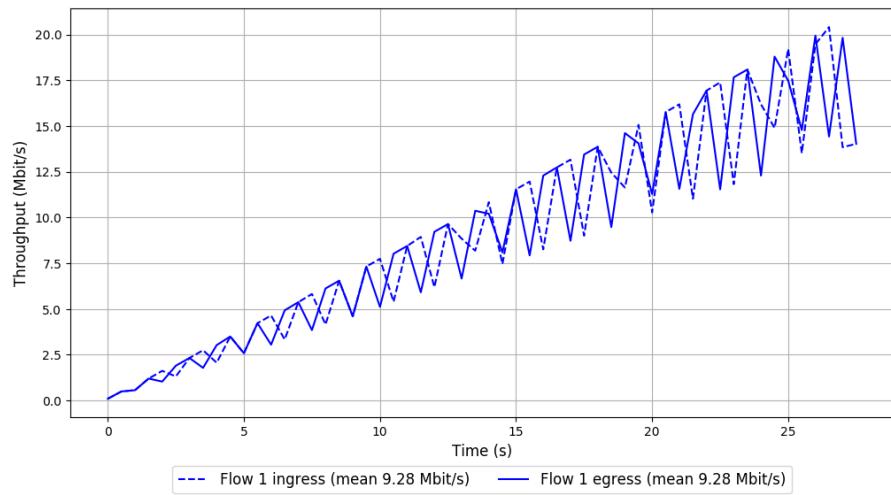


Run 2: Statistics of LEDBAT

```
Start at: 2017-08-21 21:57:02
End at: 2017-08-21 21:57:32
Local clock offset: 1.027 ms
Remote clock offset: -1.43 ms

# Below is generated by plot.py at 2017-08-22 01:09:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.28 Mbit/s
95th percentile per-packet one-way delay: 49.330 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.28 Mbit/s
95th percentile per-packet one-way delay: 49.330 ms
Loss rate: 0.00%
```

Run 2: Report of LEDBAT — Data Link

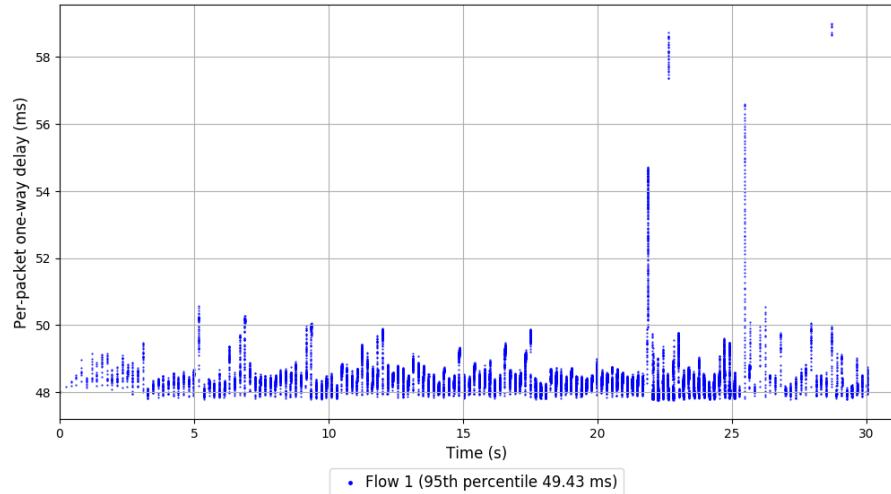
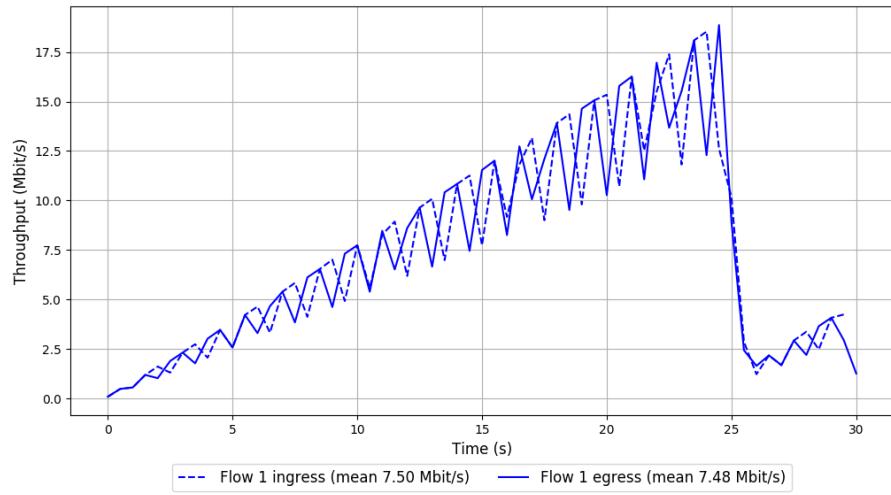


Run 3: Statistics of LEDBAT

```
Start at: 2017-08-21 22:18:18
End at: 2017-08-21 22:18:48
Local clock offset: 0.813 ms
Remote clock offset: -1.653 ms

# Below is generated by plot.py at 2017-08-22 01:09:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.48 Mbit/s
95th percentile per-packet one-way delay: 49.431 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 7.48 Mbit/s
95th percentile per-packet one-way delay: 49.431 ms
Loss rate: 0.28%
```

Run 3: Report of LEDBAT — Data Link

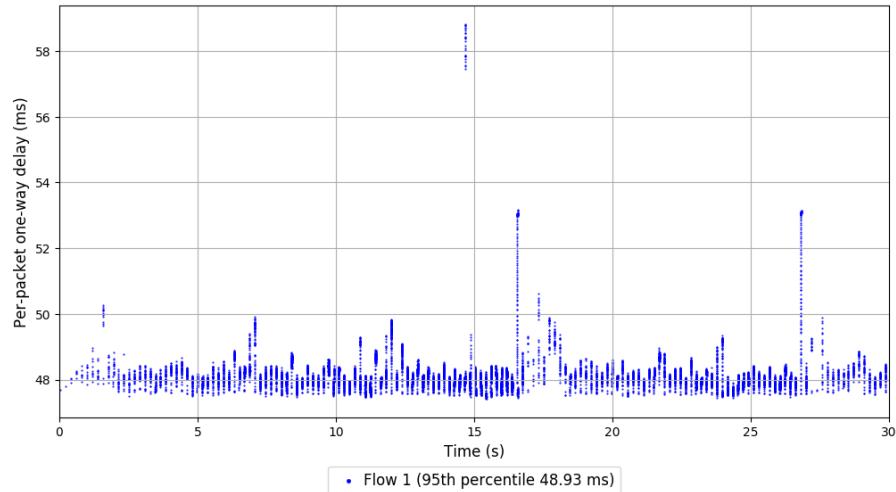
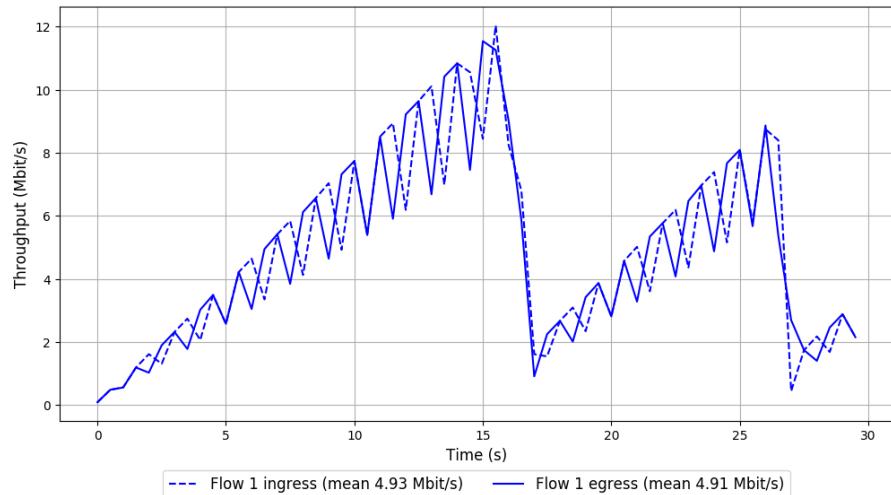


Run 4: Statistics of LEDBAT

```
Start at: 2017-08-21 22:40:13
End at: 2017-08-21 22:40:43
Local clock offset: 0.889 ms
Remote clock offset: -1.624 ms

# Below is generated by plot.py at 2017-08-22 01:09:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.91 Mbit/s
95th percentile per-packet one-way delay: 48.931 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 4.91 Mbit/s
95th percentile per-packet one-way delay: 48.931 ms
Loss rate: 0.58%
```

Run 4: Report of LEDBAT — Data Link

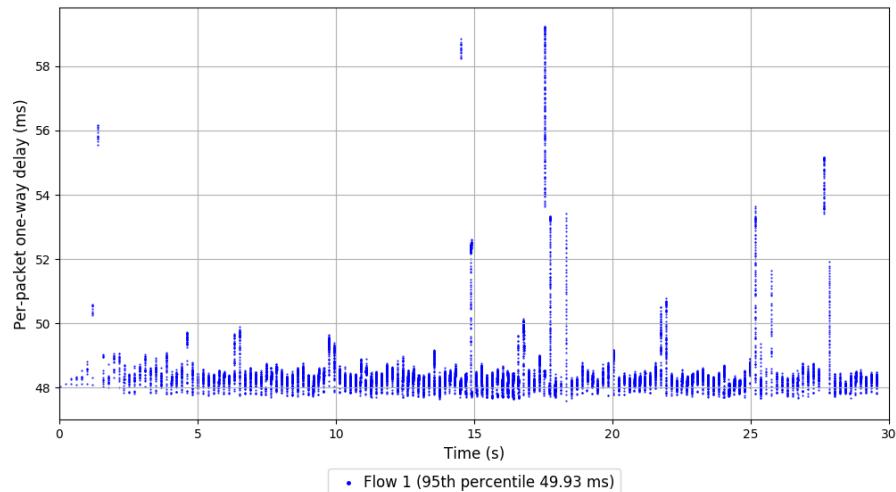
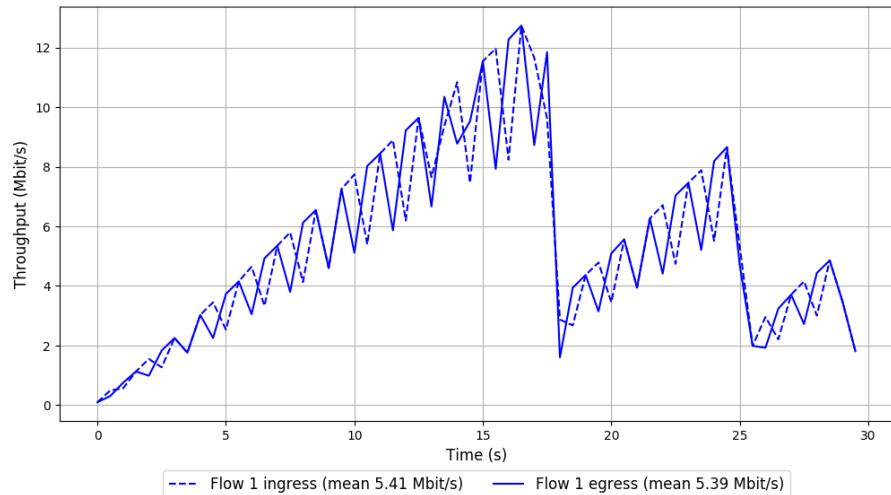


Run 5: Statistics of LEDBAT

```
Start at: 2017-08-21 23:00:12
End at: 2017-08-21 23:00:42
Local clock offset: 0.873 ms
Remote clock offset: -1.777 ms

# Below is generated by plot.py at 2017-08-22 01:09:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.39 Mbit/s
95th percentile per-packet one-way delay: 49.933 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 5.39 Mbit/s
95th percentile per-packet one-way delay: 49.933 ms
Loss rate: 0.41%
```

Run 5: Report of LEDBAT — Data Link

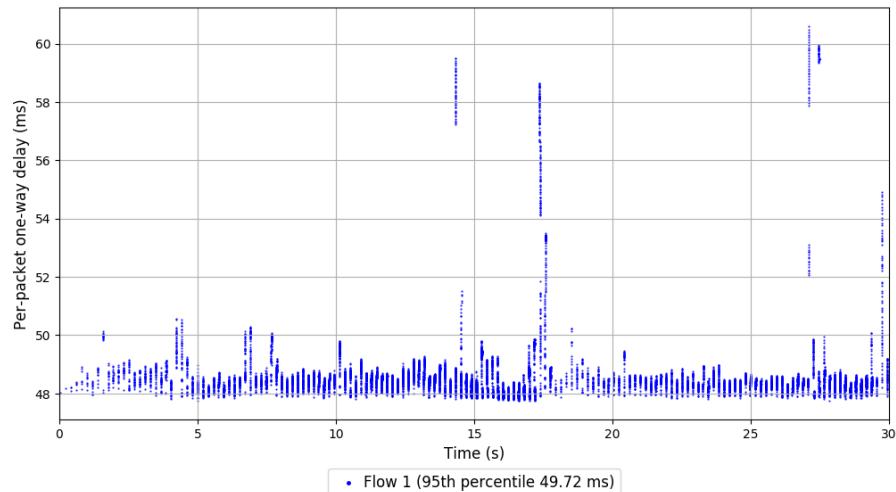
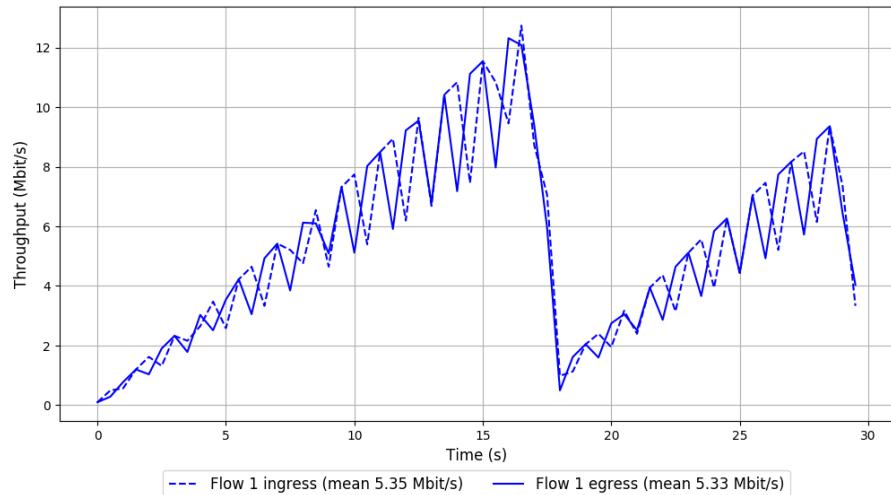


Run 6: Statistics of LEDBAT

```
Start at: 2017-08-21 23:21:59
End at: 2017-08-21 23:22:29
Local clock offset: 0.835 ms
Remote clock offset: -1.73 ms

# Below is generated by plot.py at 2017-08-22 01:09:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.33 Mbit/s
95th percentile per-packet one-way delay: 49.722 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 5.33 Mbit/s
95th percentile per-packet one-way delay: 49.722 ms
Loss rate: 0.41%
```

Run 6: Report of LEDBAT — Data Link

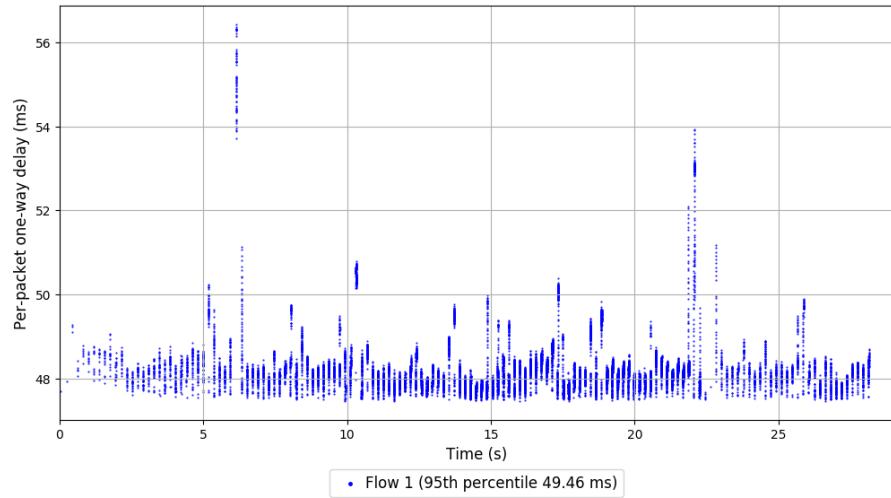
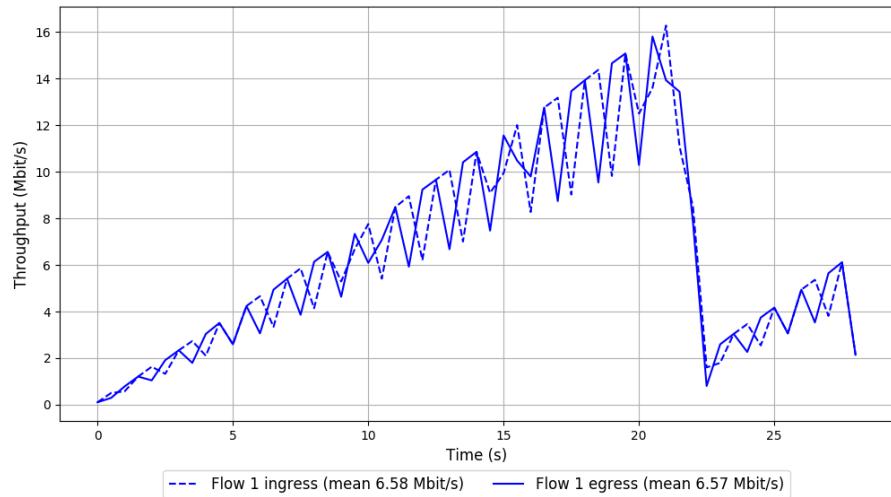


Run 7: Statistics of LEDBAT

```
Start at: 2017-08-21 23:42:26
End at: 2017-08-21 23:42:56
Local clock offset: 0.956 ms
Remote clock offset: -1.76 ms

# Below is generated by plot.py at 2017-08-22 01:09:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.57 Mbit/s
95th percentile per-packet one-way delay: 49.464 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 6.57 Mbit/s
95th percentile per-packet one-way delay: 49.464 ms
Loss rate: 0.18%
```

Run 7: Report of LEDBAT — Data Link

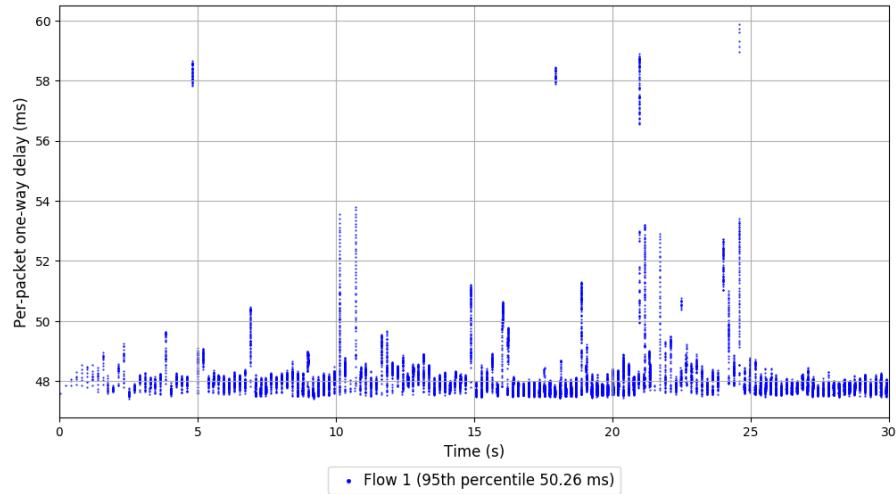
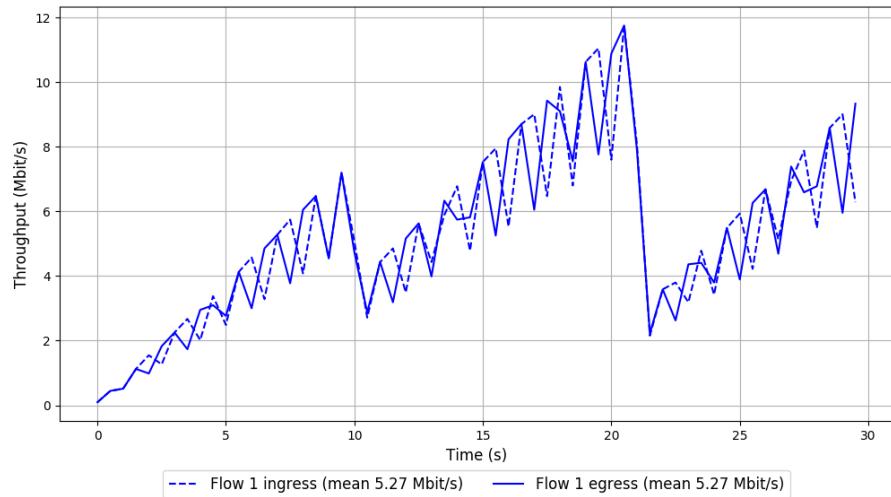


Run 8: Statistics of LEDBAT

```
Start at: 2017-08-22 00:02:47
End at: 2017-08-22 00:03:18
Local clock offset: 1.096 ms
Remote clock offset: -1.686 ms

# Below is generated by plot.py at 2017-08-22 01:09:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.27 Mbit/s
95th percentile per-packet one-way delay: 50.262 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 5.27 Mbit/s
95th percentile per-packet one-way delay: 50.262 ms
Loss rate: 0.08%
```

Run 8: Report of LEDBAT — Data Link

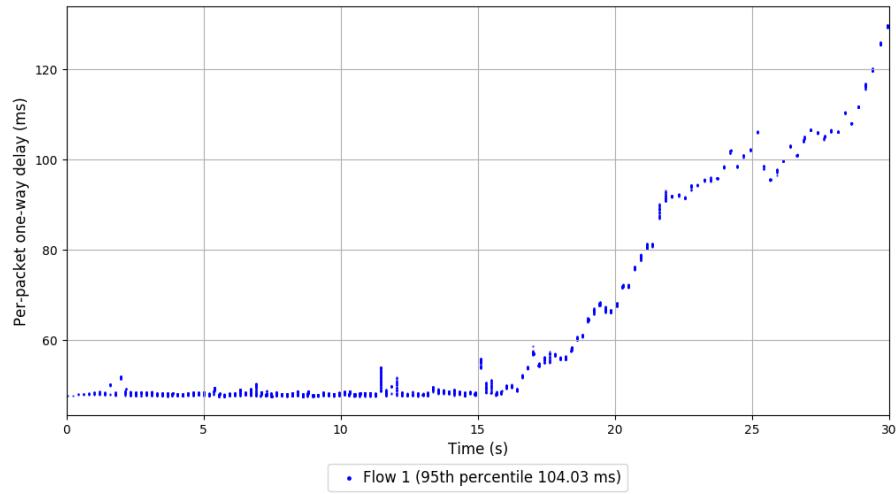
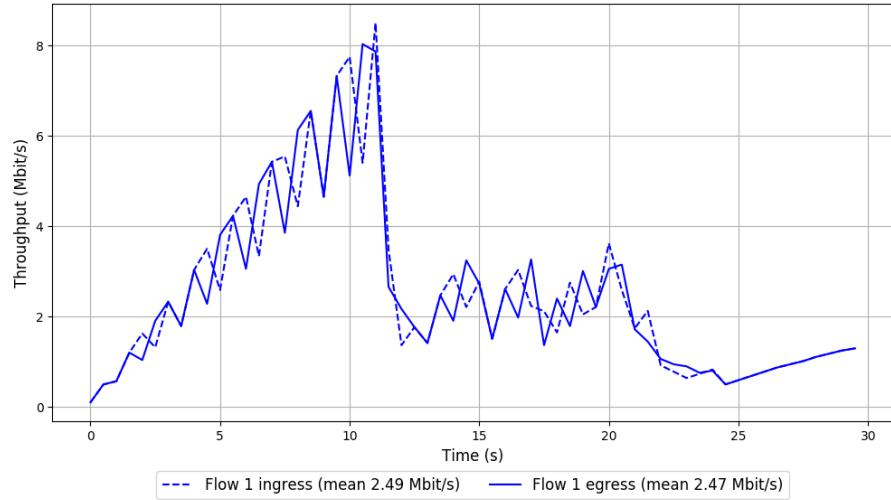


Run 9: Statistics of LEDBAT

```
Start at: 2017-08-22 00:23:55
End at: 2017-08-22 00:24:25
Local clock offset: 1.424 ms
Remote clock offset: -1.571 ms

# Below is generated by plot.py at 2017-08-22 01:09:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 104.032 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 104.032 ms
Loss rate: 0.58%
```

Run 9: Report of LEDBAT — Data Link

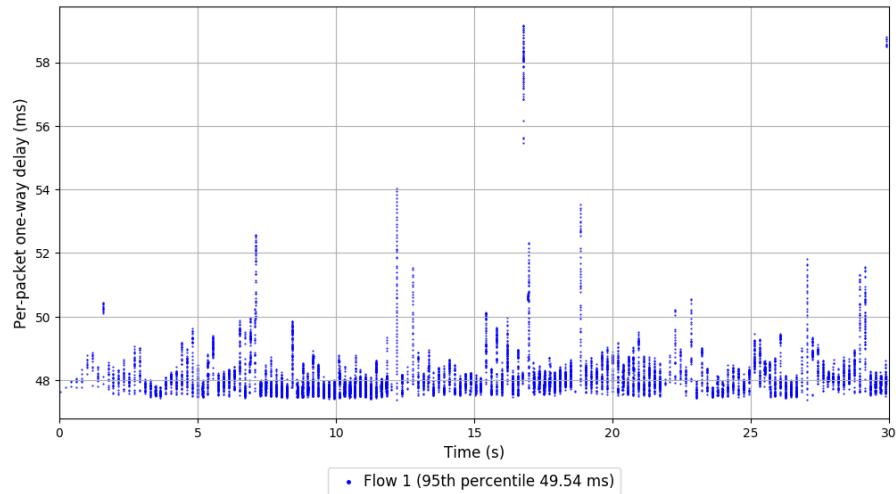
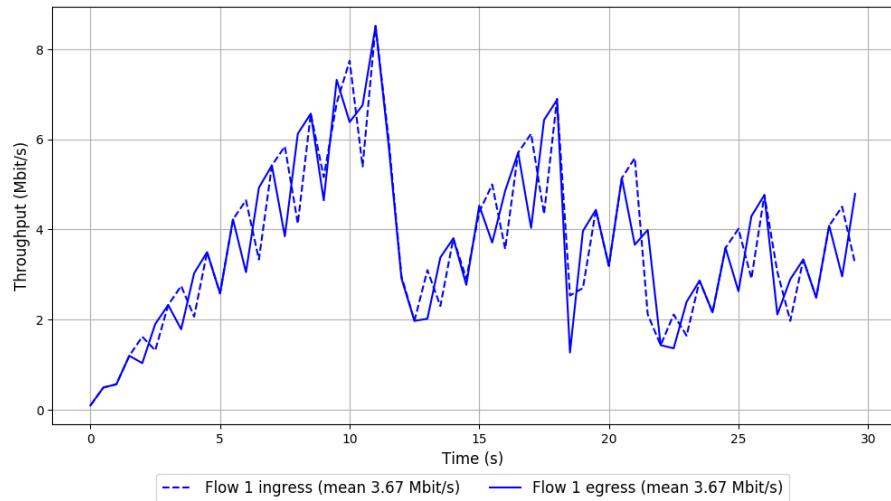


Run 10: Statistics of LEDBAT

```
Start at: 2017-08-22 00:43:53
End at: 2017-08-22 00:44:23
Local clock offset: 1.506 ms
Remote clock offset: -1.603 ms

# Below is generated by plot.py at 2017-08-22 01:09:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.67 Mbit/s
95th percentile per-packet one-way delay: 49.541 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 3.67 Mbit/s
95th percentile per-packet one-way delay: 49.541 ms
Loss rate: 0.13%
```

Run 10: Report of LEDBAT — Data Link

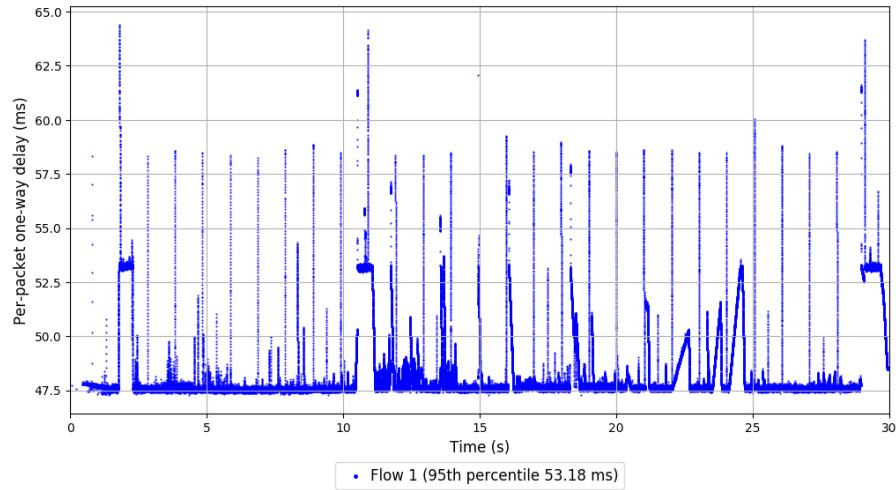
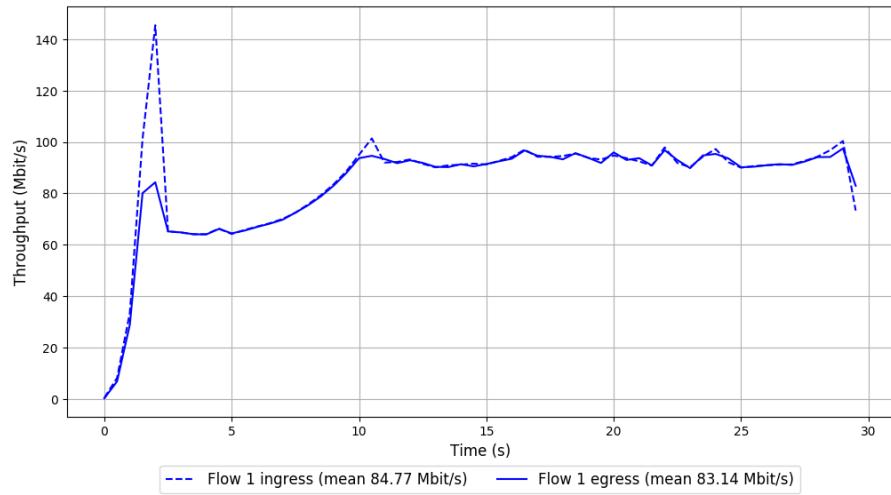


Run 1: Statistics of PCC

```
Start at: 2017-08-21 21:25:49
End at: 2017-08-21 21:26:19
Local clock offset: 0.496 ms
Remote clock offset: -1.186 ms

# Below is generated by plot.py at 2017-08-22 01:10:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.14 Mbit/s
95th percentile per-packet one-way delay: 53.180 ms
Loss rate: 1.92%
-- Flow 1:
Average throughput: 83.14 Mbit/s
95th percentile per-packet one-way delay: 53.180 ms
Loss rate: 1.92%
```

Run 1: Report of PCC — Data Link

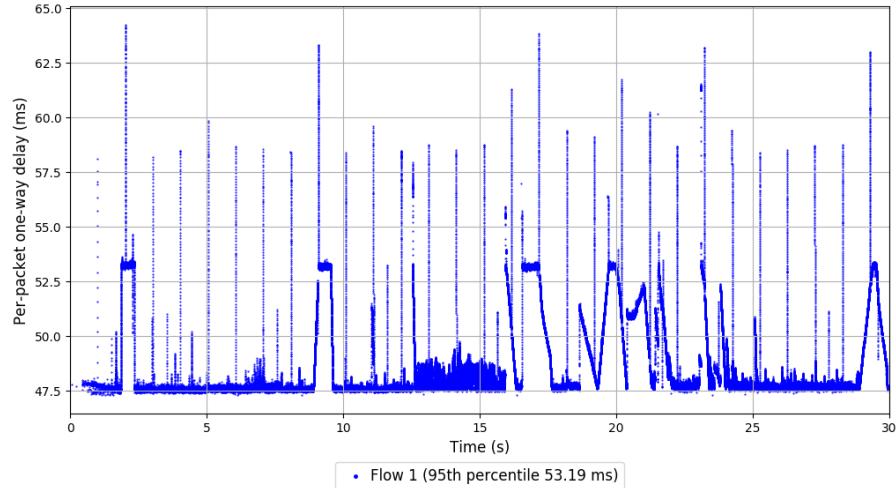
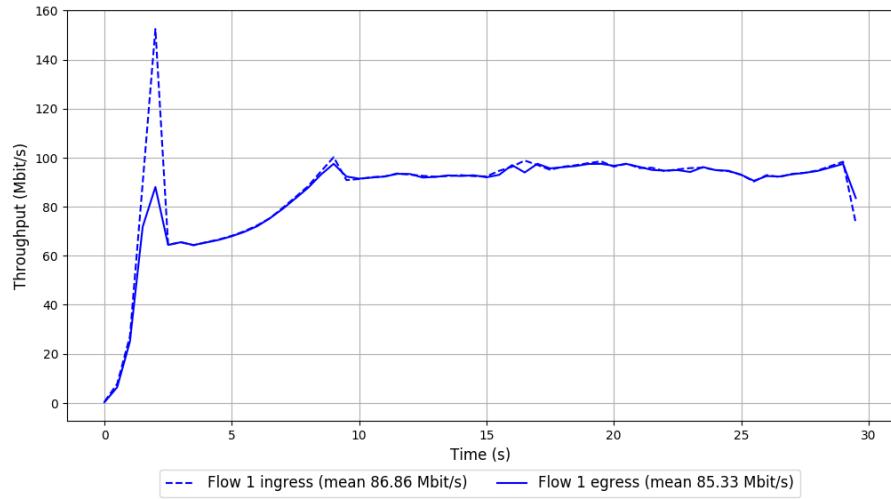


Run 2: Statistics of PCC

```
Start at: 2017-08-21 21:46:47
End at: 2017-08-21 21:47:17
Local clock offset: 0.675 ms
Remote clock offset: -1.4 ms

# Below is generated by plot.py at 2017-08-22 01:10:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.33 Mbit/s
95th percentile per-packet one-way delay: 53.192 ms
Loss rate: 1.77%
-- Flow 1:
Average throughput: 85.33 Mbit/s
95th percentile per-packet one-way delay: 53.192 ms
Loss rate: 1.77%
```

Run 2: Report of PCC — Data Link

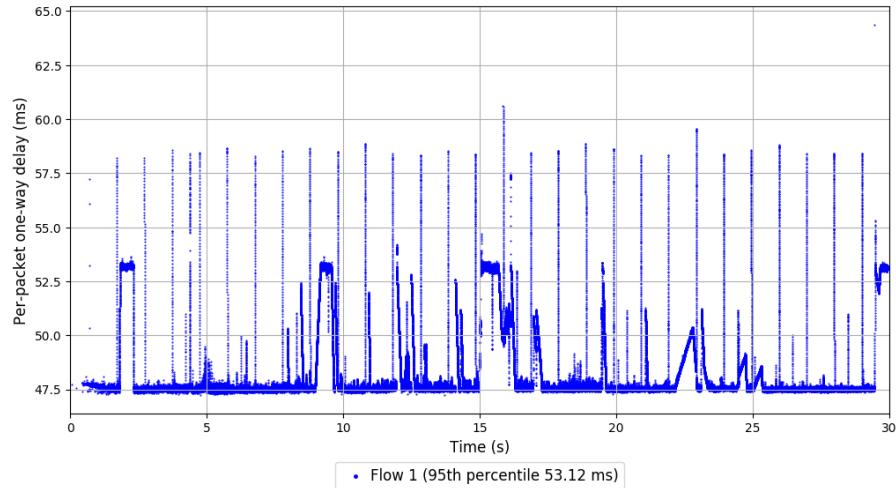
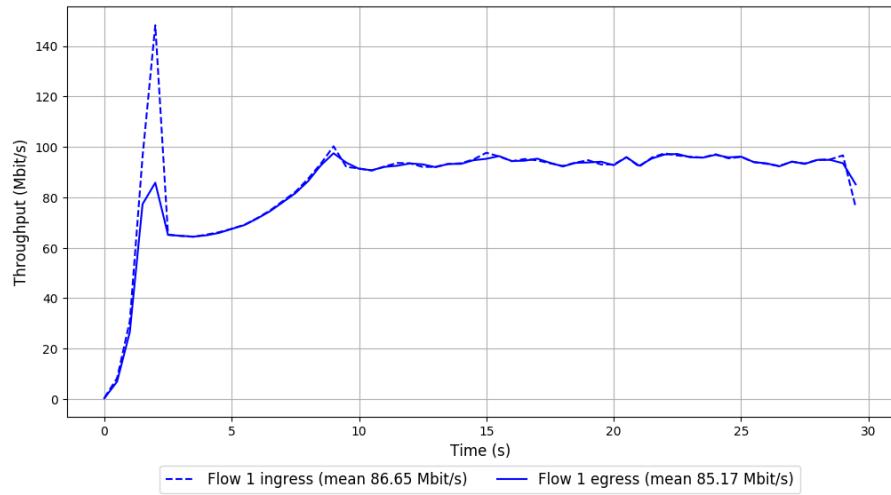


Run 3: Statistics of PCC

```
Start at: 2017-08-21 22:08:15
End at: 2017-08-21 22:08:45
Local clock offset: 0.831 ms
Remote clock offset: -1.534 ms

# Below is generated by plot.py at 2017-08-22 01:10:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.17 Mbit/s
95th percentile per-packet one-way delay: 53.124 ms
Loss rate: 1.73%
-- Flow 1:
Average throughput: 85.17 Mbit/s
95th percentile per-packet one-way delay: 53.124 ms
Loss rate: 1.73%
```

Run 3: Report of PCC — Data Link

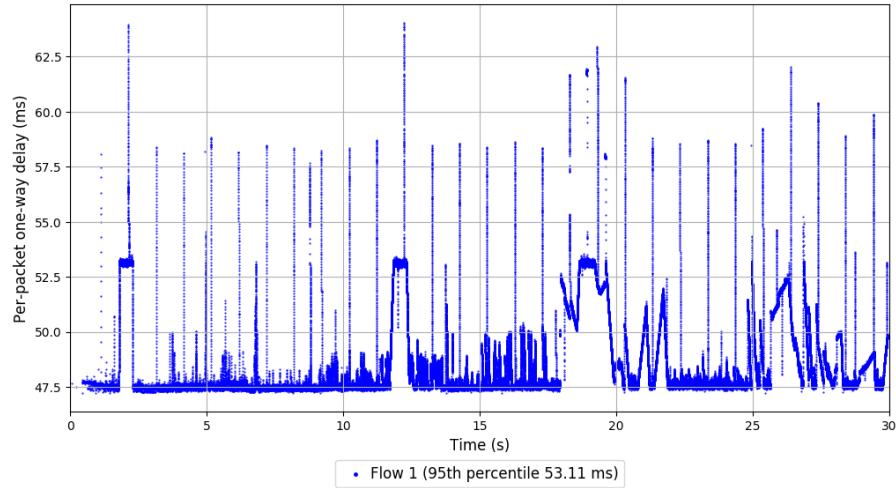
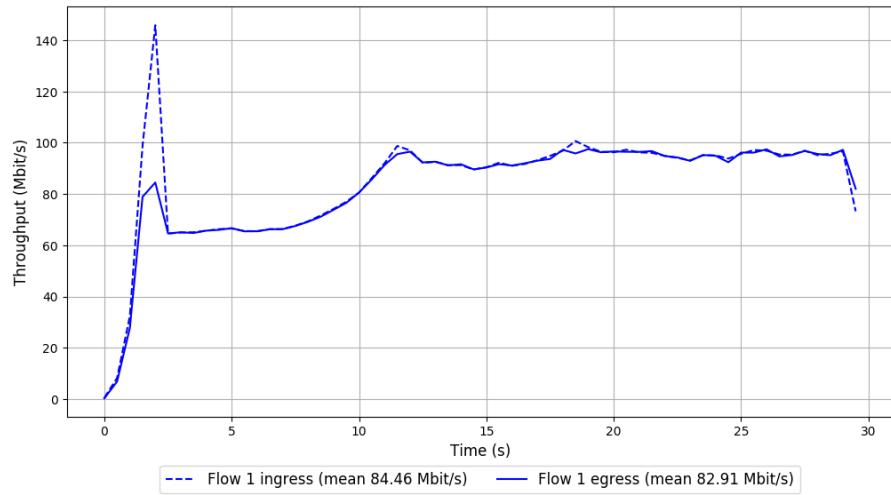


Run 4: Statistics of PCC

```
Start at: 2017-08-21 22:29:51
End at: 2017-08-21 22:30:21
Local clock offset: 0.912 ms
Remote clock offset: -1.715 ms

# Below is generated by plot.py at 2017-08-22 01:10:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.91 Mbit/s
95th percentile per-packet one-way delay: 53.106 ms
Loss rate: 1.86%
-- Flow 1:
Average throughput: 82.91 Mbit/s
95th percentile per-packet one-way delay: 53.106 ms
Loss rate: 1.86%
```

Run 4: Report of PCC — Data Link

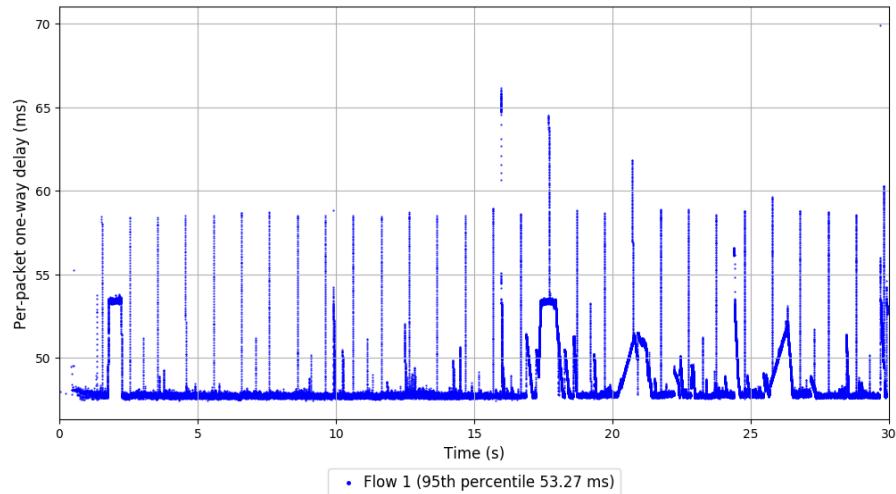
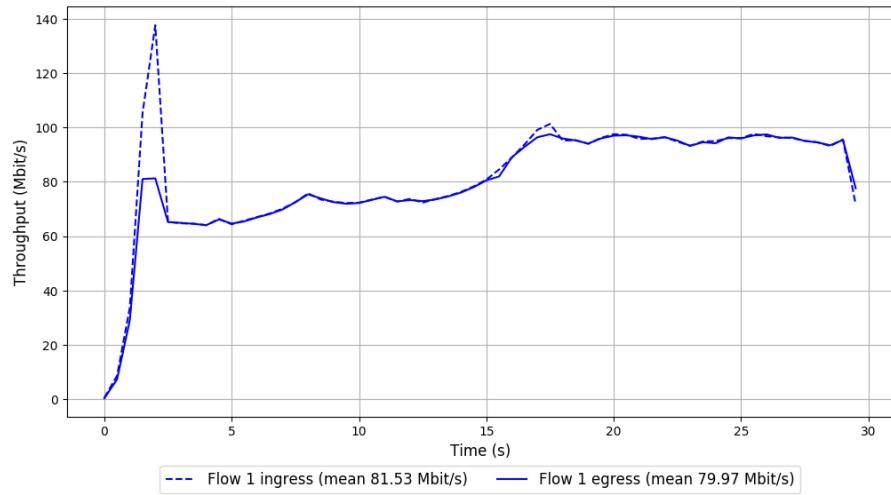


Run 5: Statistics of PCC

```
Start at: 2017-08-21 22:50:18
End at: 2017-08-21 22:50:48
Local clock offset: 0.842 ms
Remote clock offset: -1.74 ms

# Below is generated by plot.py at 2017-08-22 01:10:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.97 Mbit/s
95th percentile per-packet one-way delay: 53.274 ms
Loss rate: 1.91%
-- Flow 1:
Average throughput: 79.97 Mbit/s
95th percentile per-packet one-way delay: 53.274 ms
Loss rate: 1.91%
```

Run 5: Report of PCC — Data Link

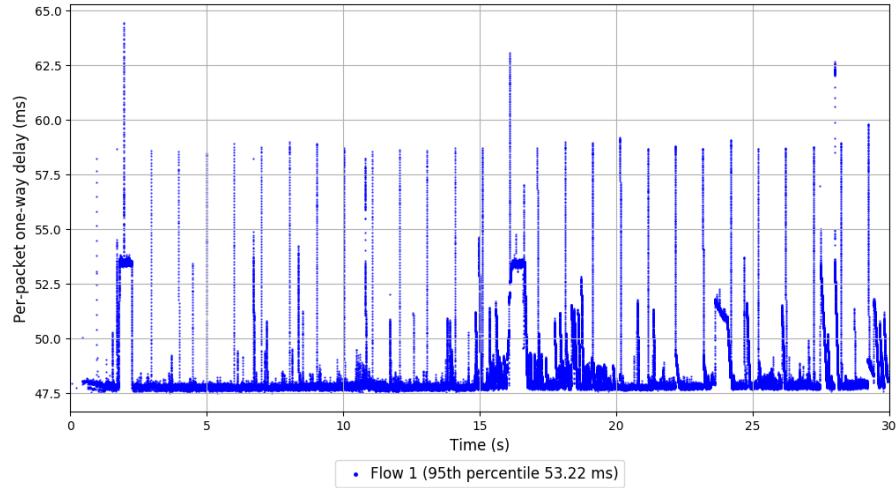
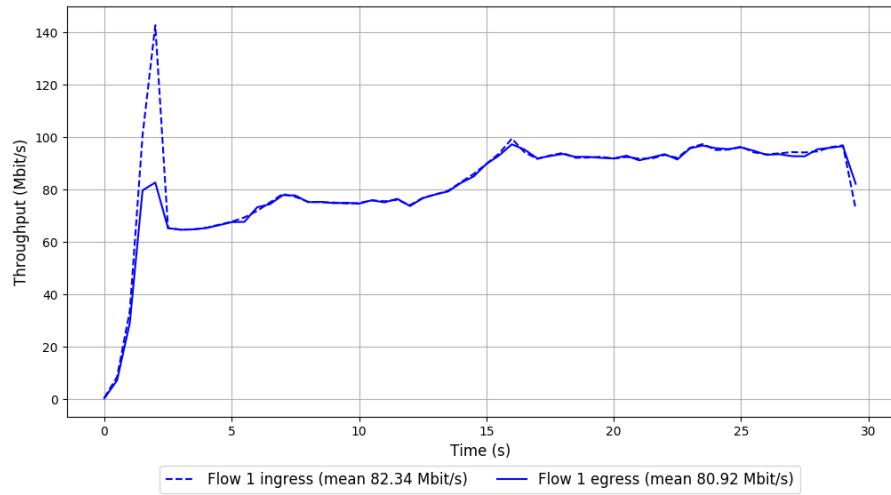


Run 6: Statistics of PCC

```
Start at: 2017-08-21 23:11:45
End at: 2017-08-21 23:12:15
Local clock offset: 0.866 ms
Remote clock offset: -1.665 ms

# Below is generated by plot.py at 2017-08-22 01:10:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.92 Mbit/s
95th percentile per-packet one-way delay: 53.222 ms
Loss rate: 1.74%
-- Flow 1:
Average throughput: 80.92 Mbit/s
95th percentile per-packet one-way delay: 53.222 ms
Loss rate: 1.74%
```

Run 6: Report of PCC — Data Link

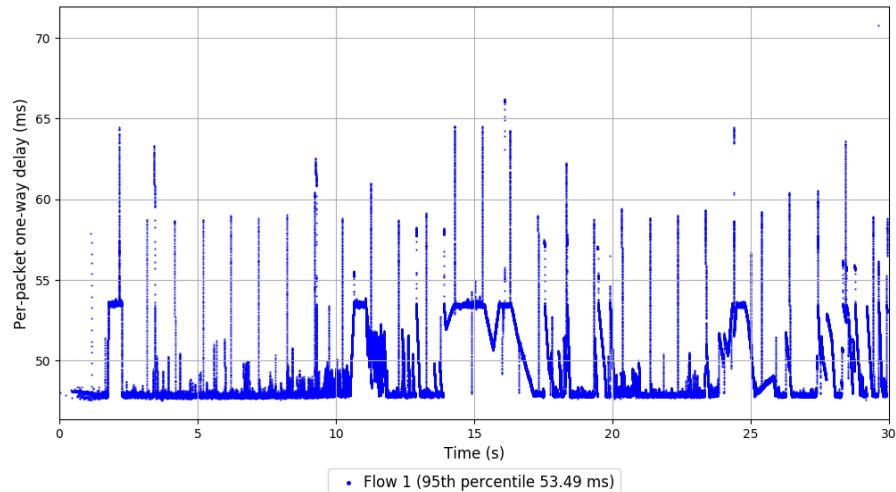
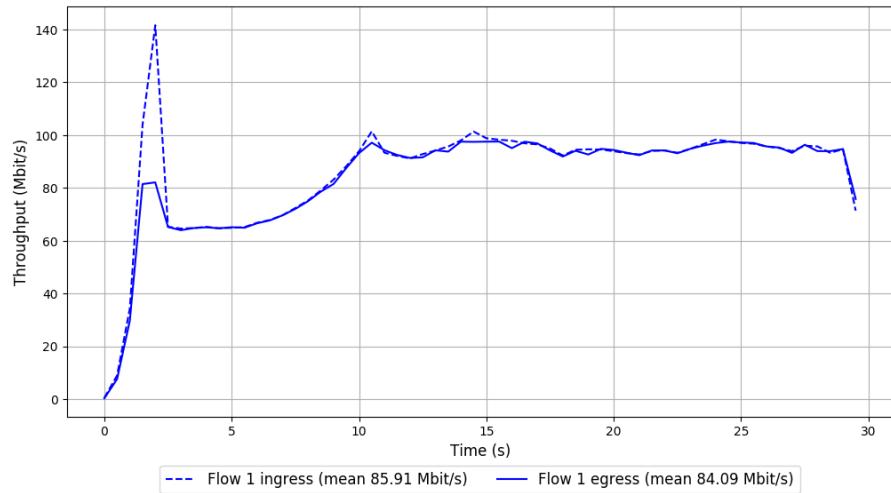


Run 7: Statistics of PCC

```
Start at: 2017-08-21 23:32:32
End at: 2017-08-21 23:33:02
Local clock offset: 0.882 ms
Remote clock offset: -1.774 ms

# Below is generated by plot.py at 2017-08-22 01:10:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.09 Mbit/s
95th percentile per-packet one-way delay: 53.492 ms
Loss rate: 2.12%
-- Flow 1:
Average throughput: 84.09 Mbit/s
95th percentile per-packet one-way delay: 53.492 ms
Loss rate: 2.12%
```

Run 7: Report of PCC — Data Link

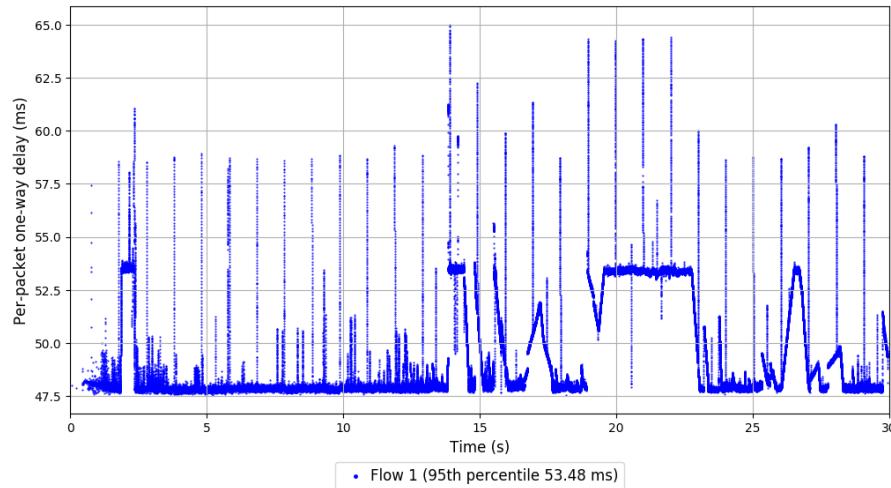
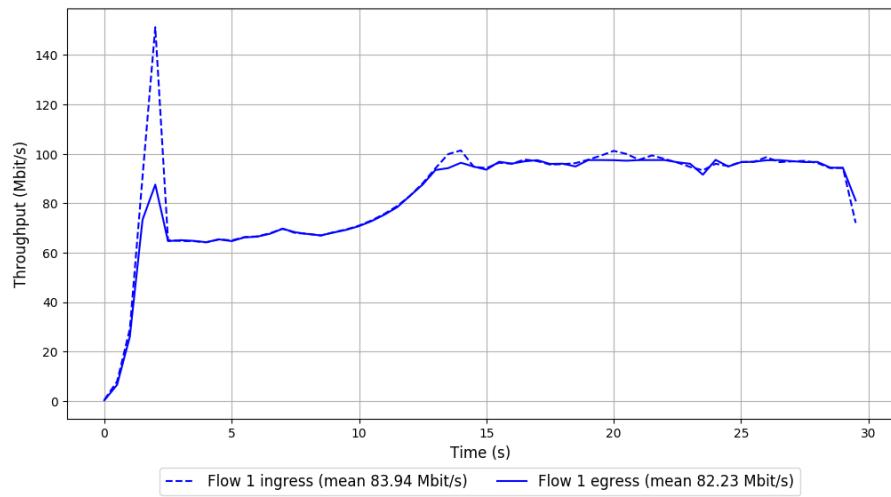


Run 8: Statistics of PCC

```
Start at: 2017-08-21 23:53:01
End at: 2017-08-21 23:53:31
Local clock offset: 1.013 ms
Remote clock offset: -1.722 ms

# Below is generated by plot.py at 2017-08-22 01:10:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.23 Mbit/s
95th percentile per-packet one-way delay: 53.476 ms
Loss rate: 2.03%
-- Flow 1:
Average throughput: 82.23 Mbit/s
95th percentile per-packet one-way delay: 53.476 ms
Loss rate: 2.03%
```

Run 8: Report of PCC — Data Link

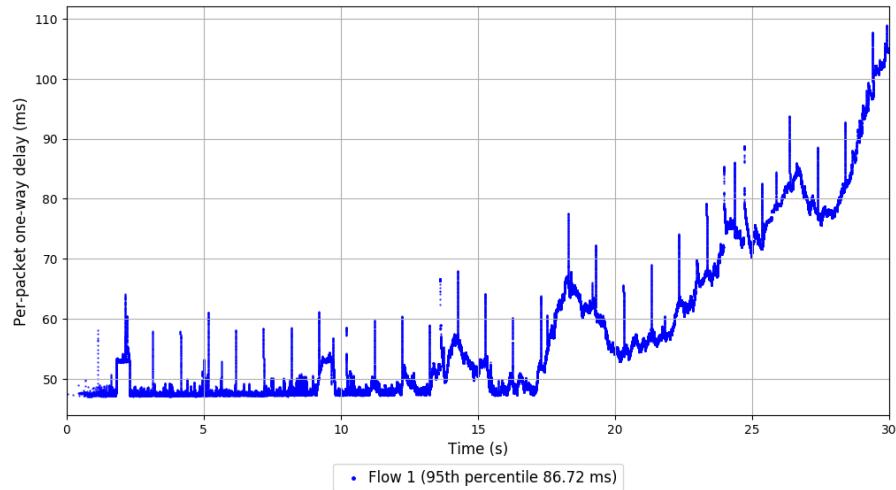
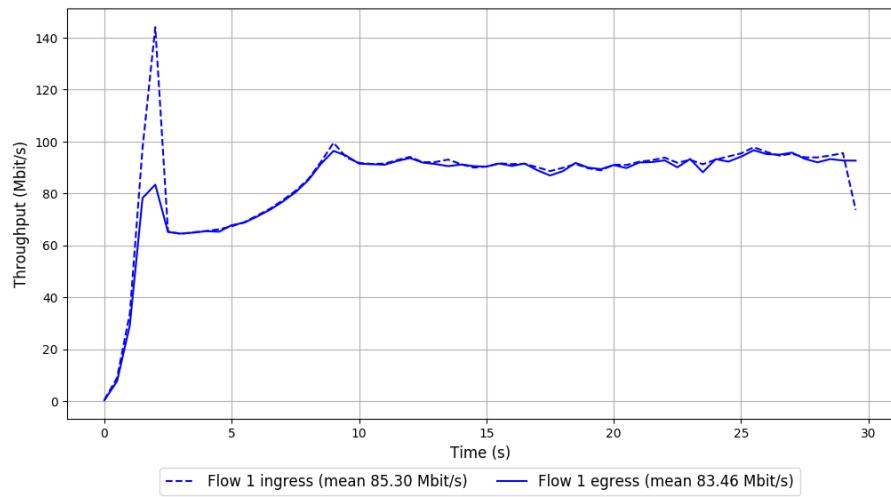


Run 9: Statistics of PCC

```
Start at: 2017-08-22 00:14:01
End at: 2017-08-22 00:14:31
Local clock offset: 1.355 ms
Remote clock offset: -1.687 ms

# Below is generated by plot.py at 2017-08-22 01:10:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.46 Mbit/s
95th percentile per-packet one-way delay: 86.725 ms
Loss rate: 1.97%
-- Flow 1:
Average throughput: 83.46 Mbit/s
95th percentile per-packet one-way delay: 86.725 ms
Loss rate: 1.97%
```

Run 9: Report of PCC — Data Link

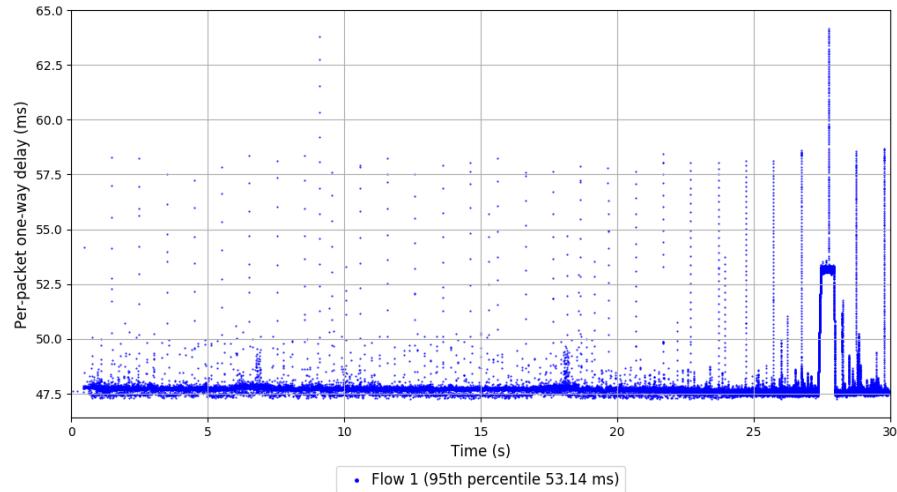
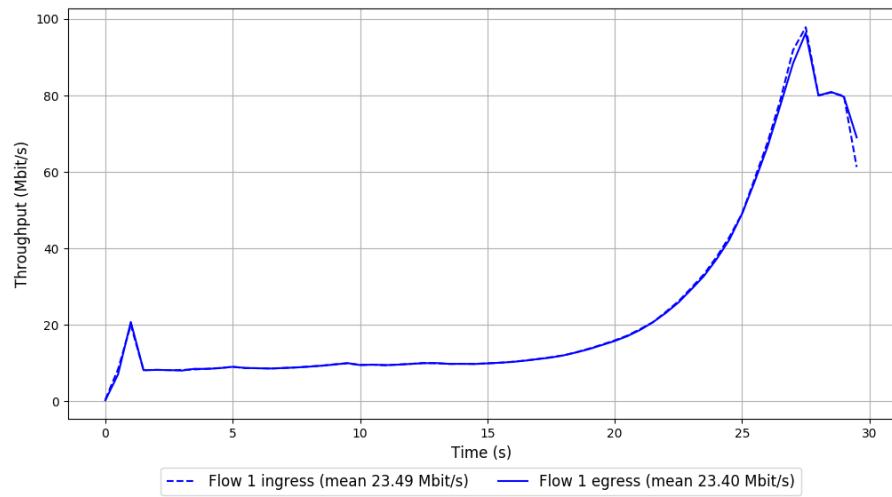


Run 10: Statistics of PCC

```
Start at: 2017-08-22 00:34:20
End at: 2017-08-22 00:34:50
Local clock offset: 1.42 ms
Remote clock offset: -1.624 ms

# Below is generated by plot.py at 2017-08-22 01:10:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.40 Mbit/s
95th percentile per-packet one-way delay: 53.144 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 23.40 Mbit/s
95th percentile per-packet one-way delay: 53.144 ms
Loss rate: 0.38%
```

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

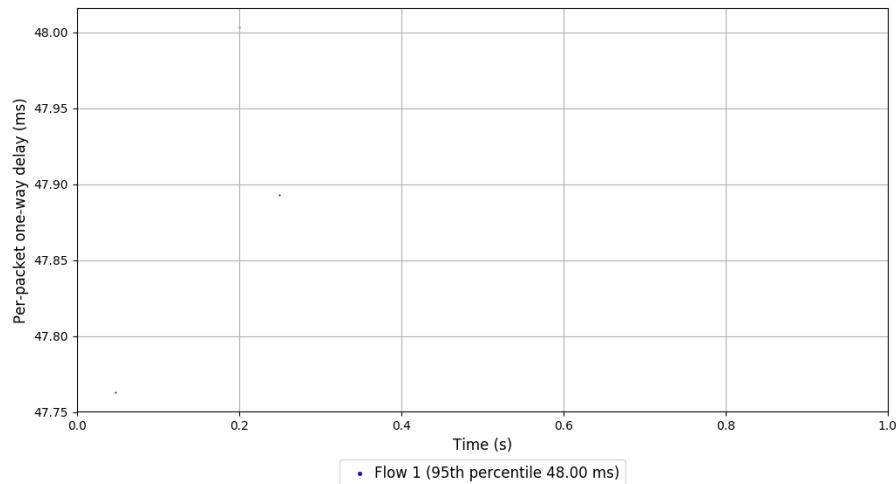
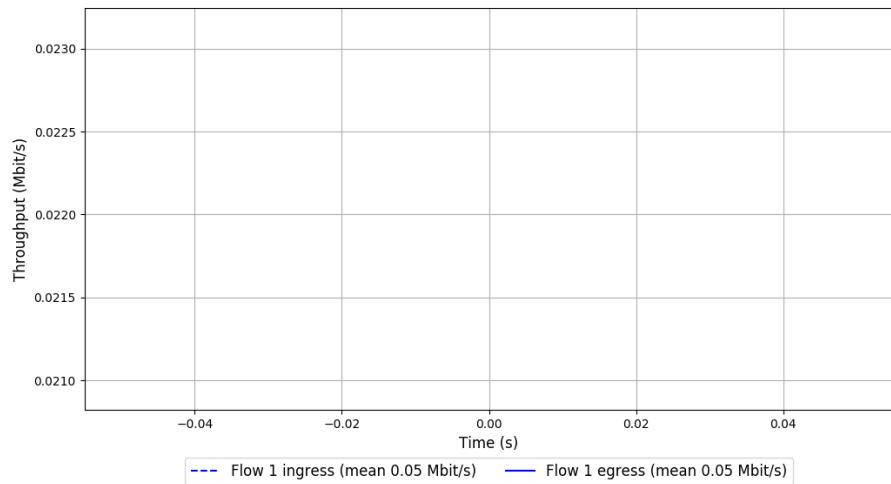
Start at: 2017-08-21 21:22:51

End at: 2017-08-21 21:23:21

Local clock offset: 0.427 ms

Remote clock offset: -1.168 ms

Run 1: Report of QUIC Cubic — Data Link

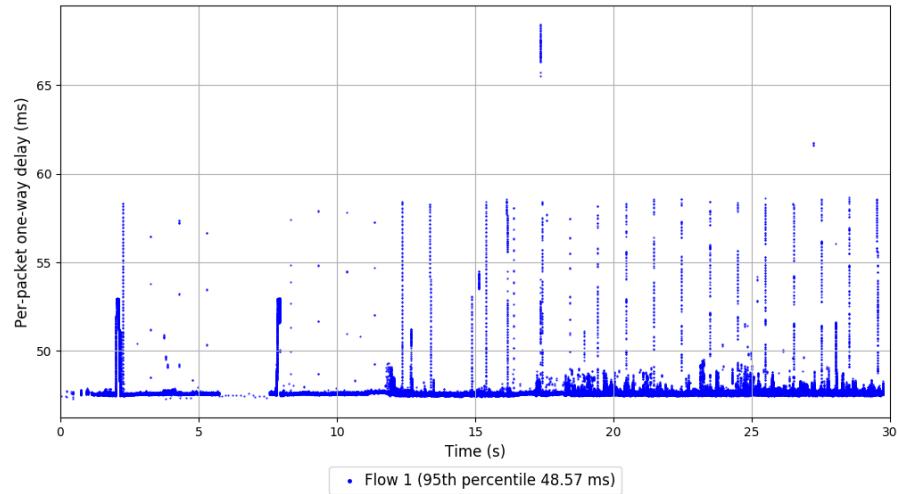
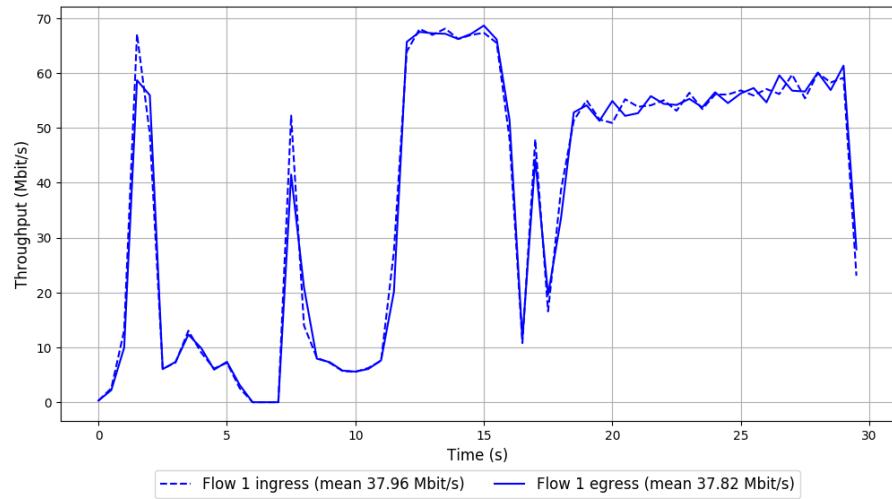


Run 2: Statistics of QUIC Cubic

```
Start at: 2017-08-21 21:43:42
End at: 2017-08-21 21:44:12
Local clock offset: 0.914 ms
Remote clock offset: -1.431 ms

# Below is generated by plot.py at 2017-08-22 01:10:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.82 Mbit/s
95th percentile per-packet one-way delay: 48.569 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 37.82 Mbit/s
95th percentile per-packet one-way delay: 48.569 ms
Loss rate: 0.36%
```

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

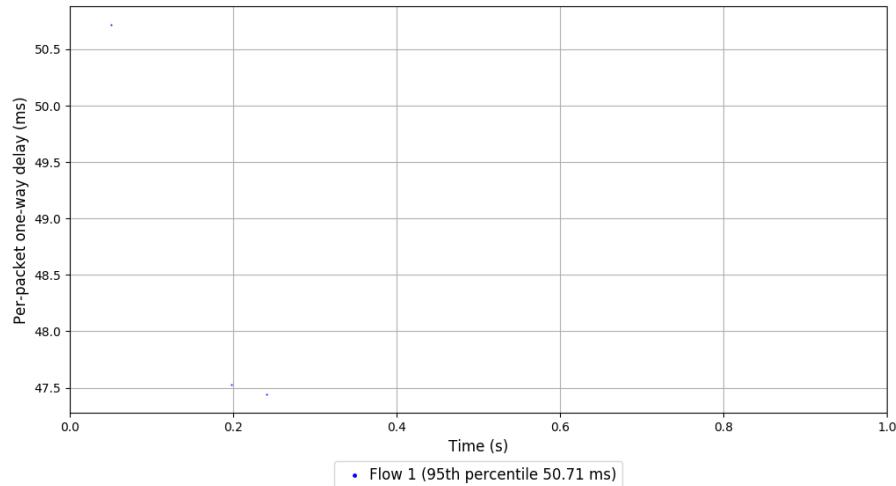
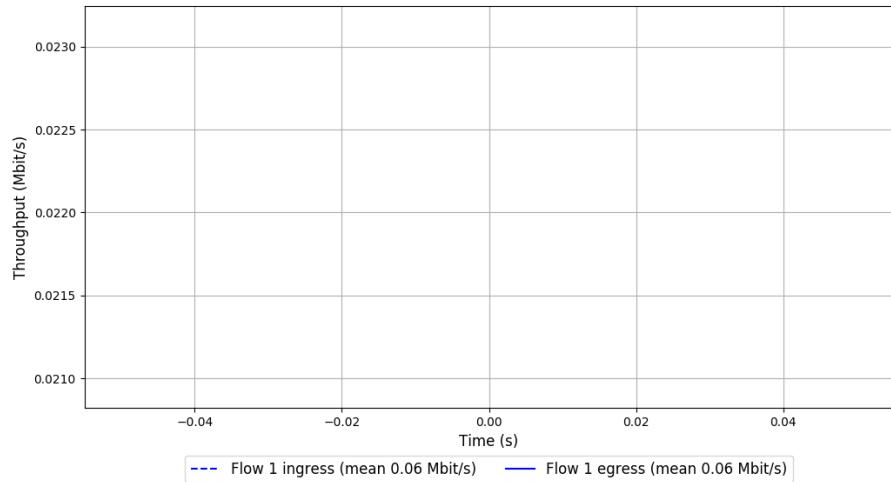
Start at: 2017-08-21 22:05:04

End at: 2017-08-21 22:05:34

Local clock offset: 1.074 ms

Remote clock offset: -1.562 ms

Run 3: Report of QUIC Cubic — Data Link

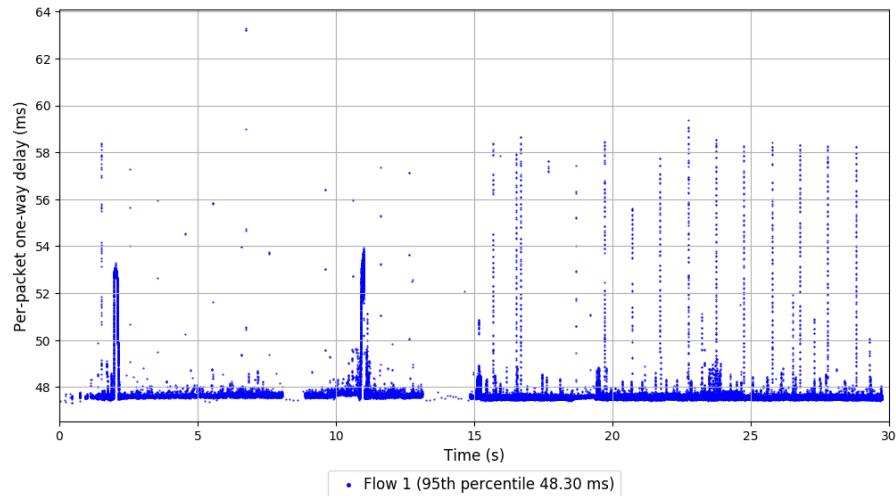
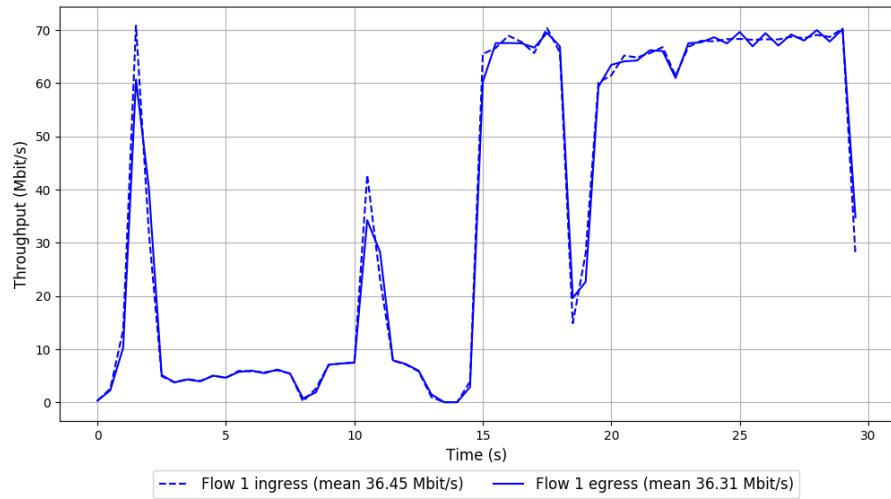


Run 4: Statistics of QUIC Cubic

```
Start at: 2017-08-21 22:26:23
End at: 2017-08-21 22:26:53
Local clock offset: 0.838 ms
Remote clock offset: -1.708 ms

# Below is generated by plot.py at 2017-08-22 01:10:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.31 Mbit/s
95th percentile per-packet one-way delay: 48.298 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 36.31 Mbit/s
95th percentile per-packet one-way delay: 48.298 ms
Loss rate: 0.38%
```

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

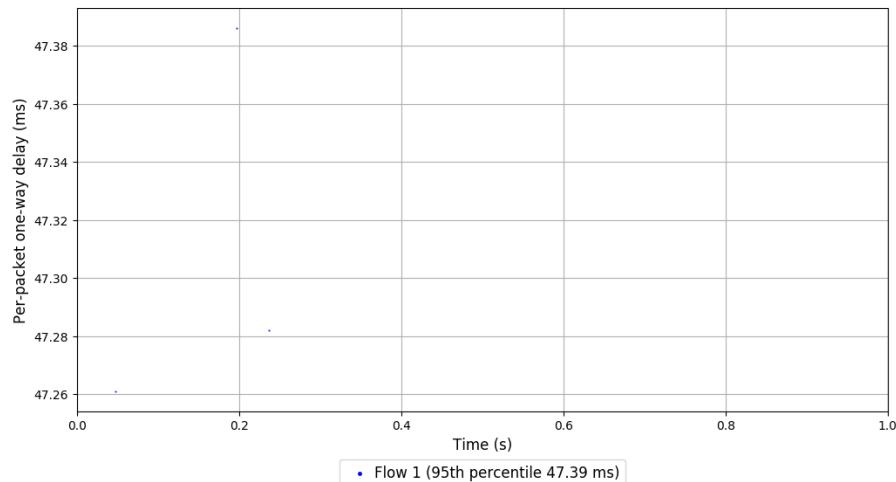
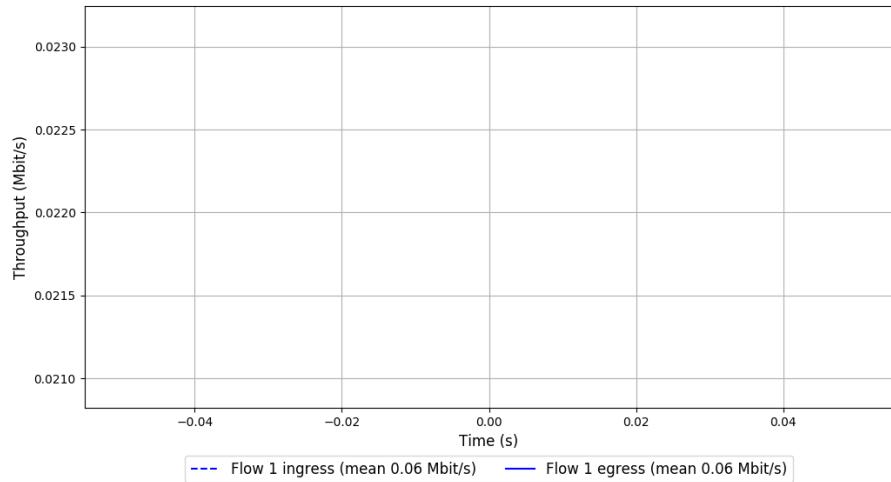
Start at: 2017-08-21 22:47:54

End at: 2017-08-21 22:48:24

Local clock offset: 1.063 ms

Remote clock offset: -1.677 ms

Run 5: Report of QUIC Cubic — Data Link

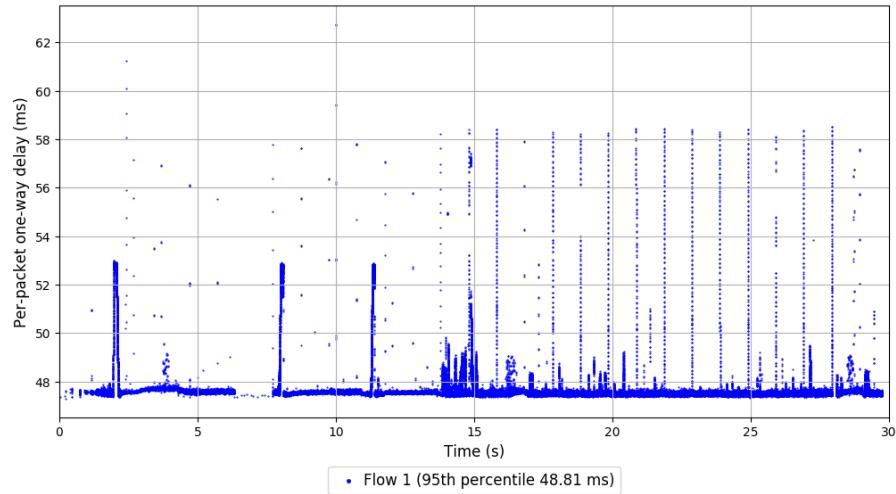
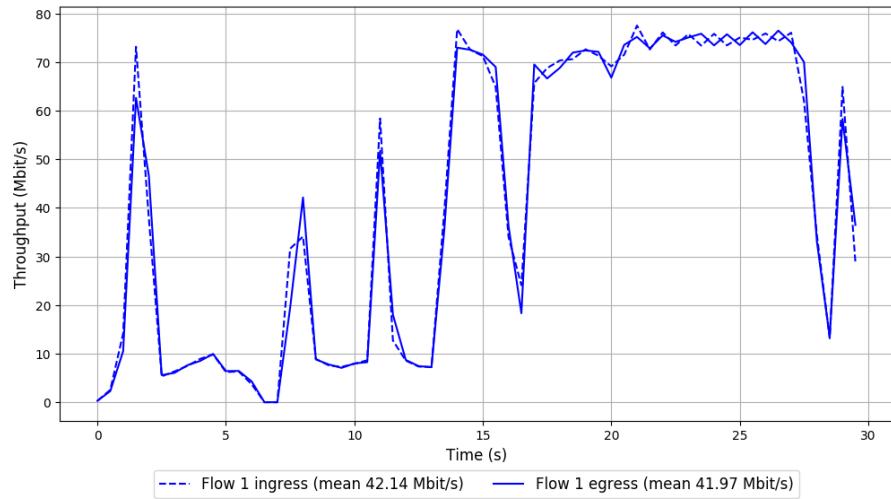


Run 6: Statistics of QUIC Cubic

```
Start at: 2017-08-21 23:08:10
End at: 2017-08-21 23:08:40
Local clock offset: 0.872 ms
Remote clock offset: -1.742 ms

# Below is generated by plot.py at 2017-08-22 01:10:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.97 Mbit/s
95th percentile per-packet one-way delay: 48.815 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 41.97 Mbit/s
95th percentile per-packet one-way delay: 48.815 ms
Loss rate: 0.40%
```

Run 6: Report of QUIC Cubic — Data Link

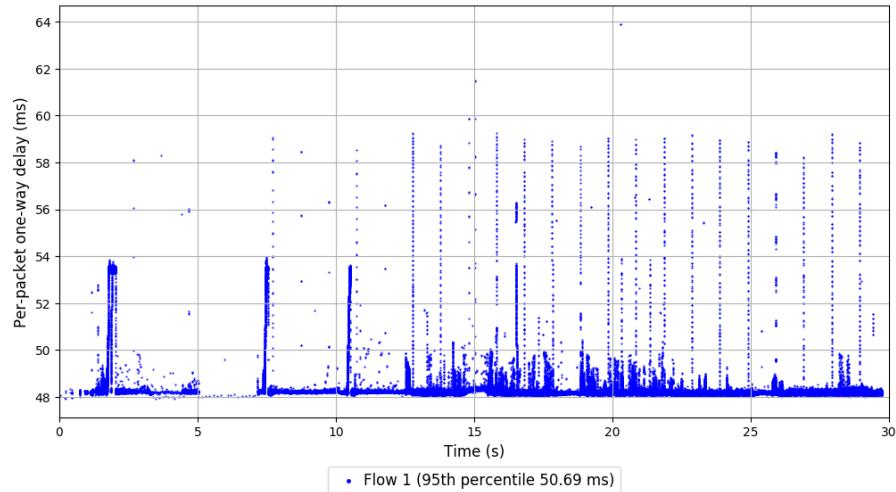
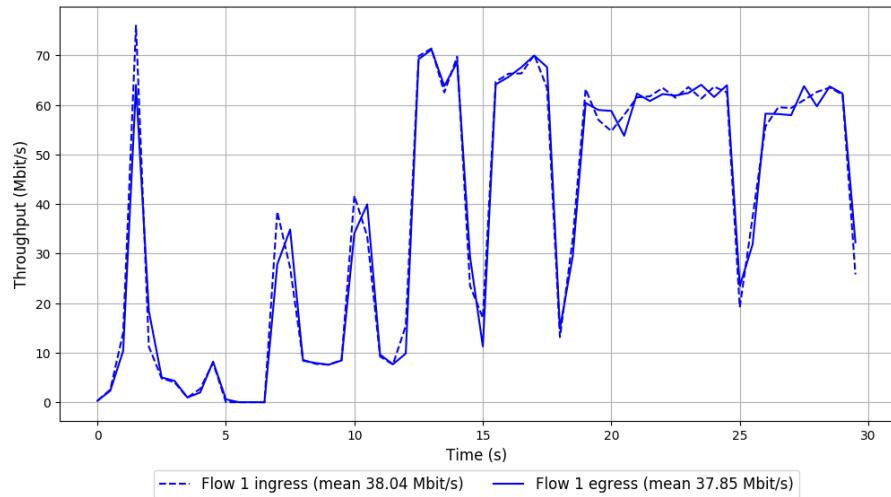


Run 7: Statistics of QUIC Cubic

```
Start at: 2017-08-21 23:29:59
End at: 2017-08-21 23:30:29
Local clock offset: 0.277 ms
Remote clock offset: -1.784 ms

# Below is generated by plot.py at 2017-08-22 01:11:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.85 Mbit/s
95th percentile per-packet one-way delay: 50.688 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 37.85 Mbit/s
95th percentile per-packet one-way delay: 50.688 ms
Loss rate: 0.49%
```

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

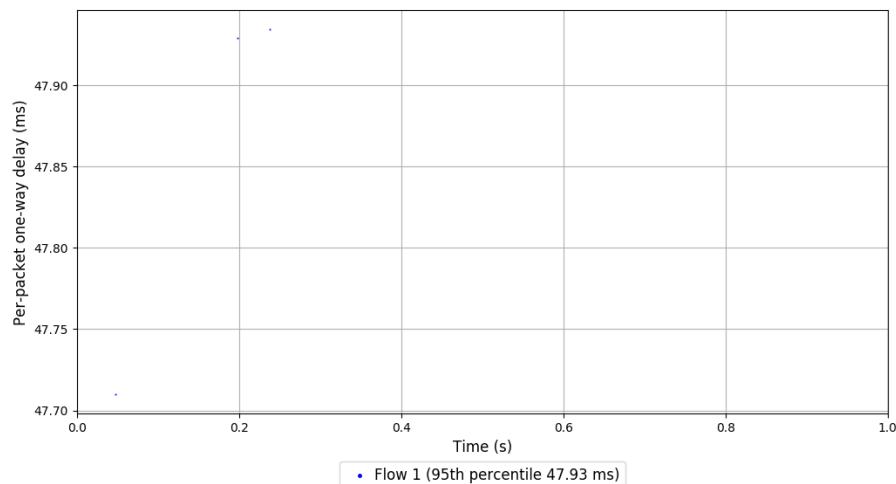
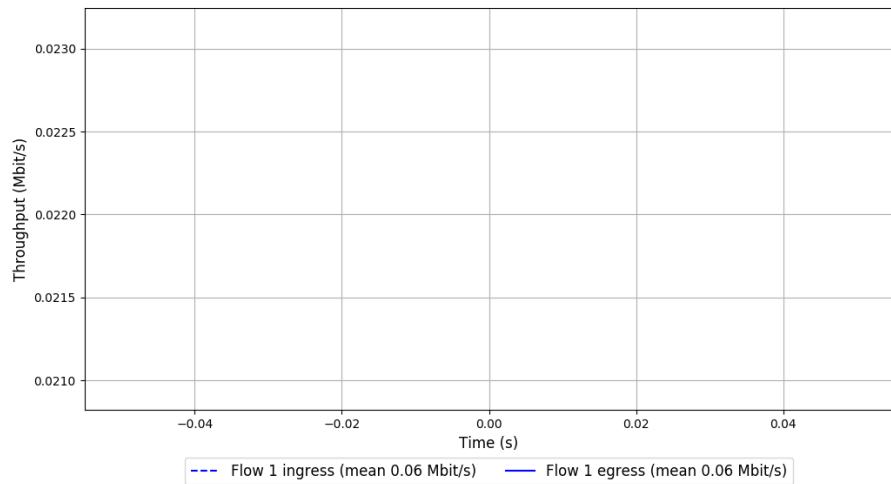
Start at: 2017-08-21 23:50:02

End at: 2017-08-21 23:50:32

Local clock offset: 1.018 ms

Remote clock offset: -1.73 ms

Run 8: Report of QUIC Cubic — Data Link

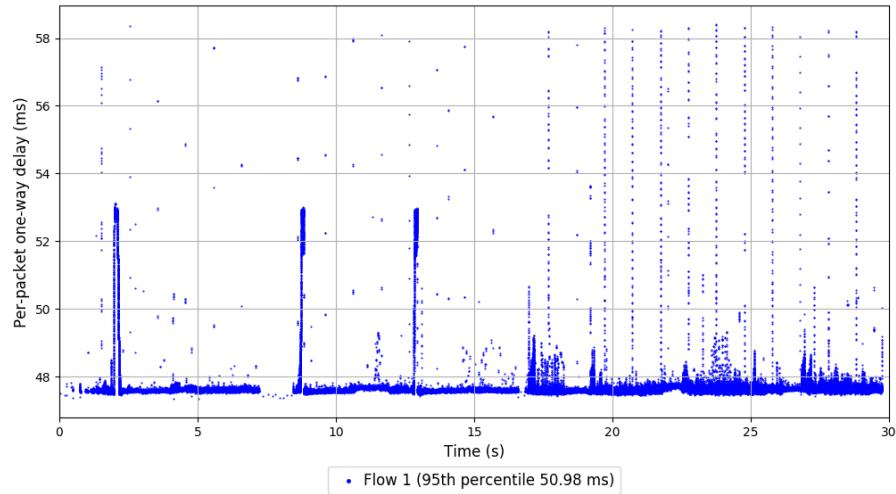
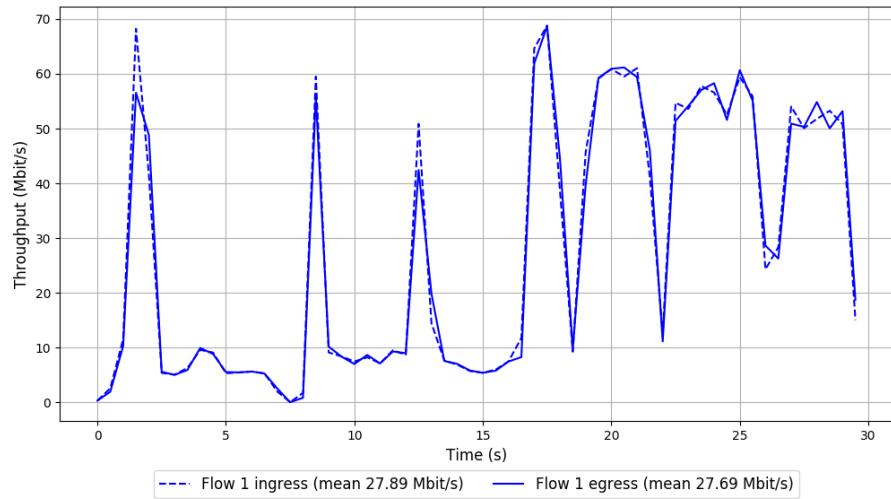


Run 9: Statistics of QUIC Cubic

```
Start at: 2017-08-22 00:10:45
End at: 2017-08-22 00:11:15
Local clock offset: 1.039 ms
Remote clock offset: -1.695 ms

# Below is generated by plot.py at 2017-08-22 01:11:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.69 Mbit/s
95th percentile per-packet one-way delay: 50.976 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 27.69 Mbit/s
95th percentile per-packet one-way delay: 50.976 ms
Loss rate: 0.70%
```

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

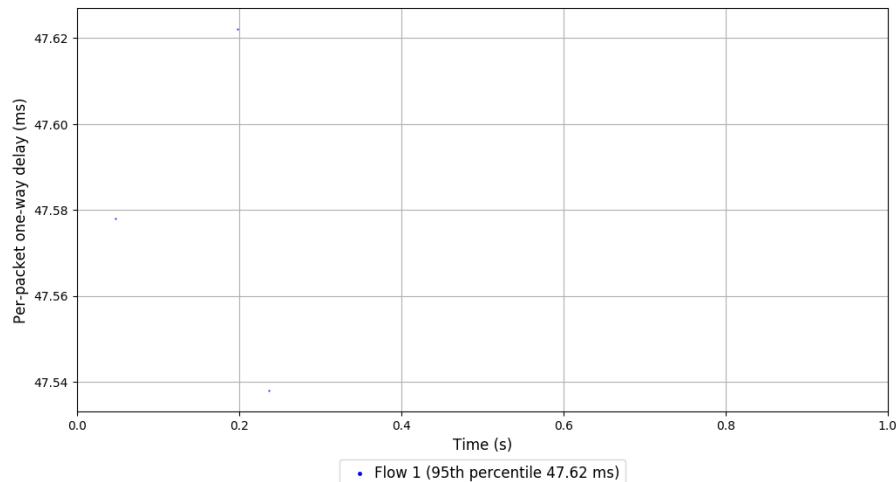
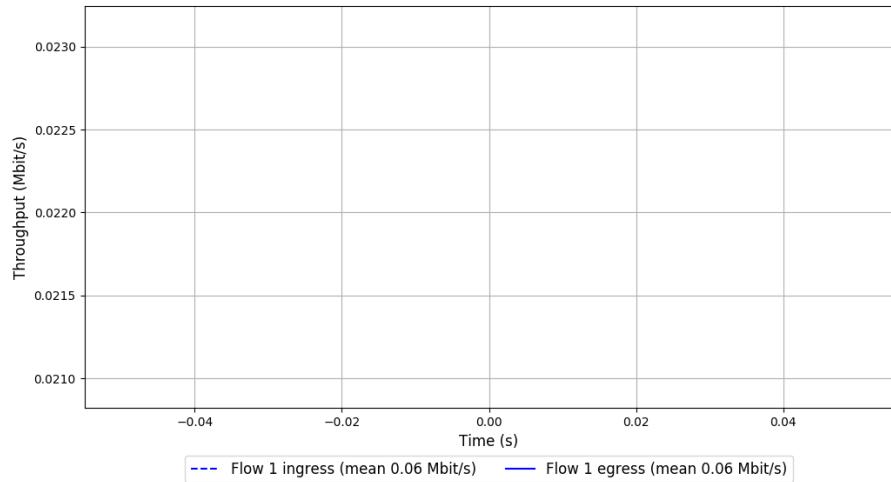
Start at: 2017-08-22 00:31:57

End at: 2017-08-22 00:32:27

Local clock offset: 1.436 ms

Remote clock offset: -1.603 ms

Run 10: Report of QUIC Cubic — Data Link

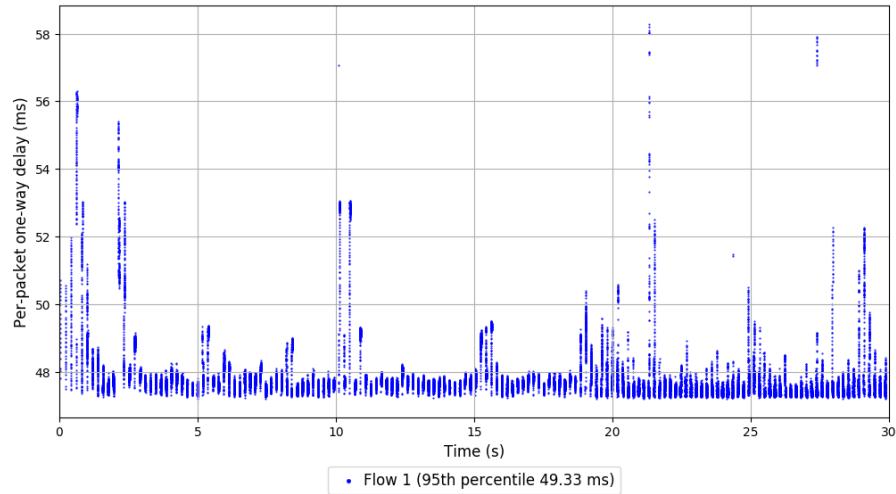
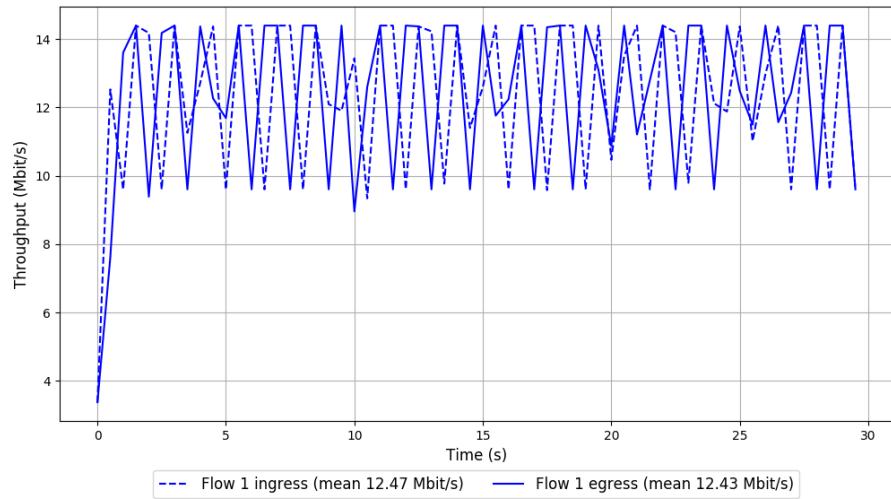


Run 1: Statistics of Saturator

```
Start at: 2017-08-21 21:30:12
End at: 2017-08-21 21:30:42
Local clock offset: 0.844 ms
Remote clock offset: -1.192 ms

# Below is generated by plot.py at 2017-08-22 01:11:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.43 Mbit/s
95th percentile per-packet one-way delay: 49.334 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 12.43 Mbit/s
95th percentile per-packet one-way delay: 49.334 ms
Loss rate: 0.32%
```

Run 1: Report of Saturator — Data Link

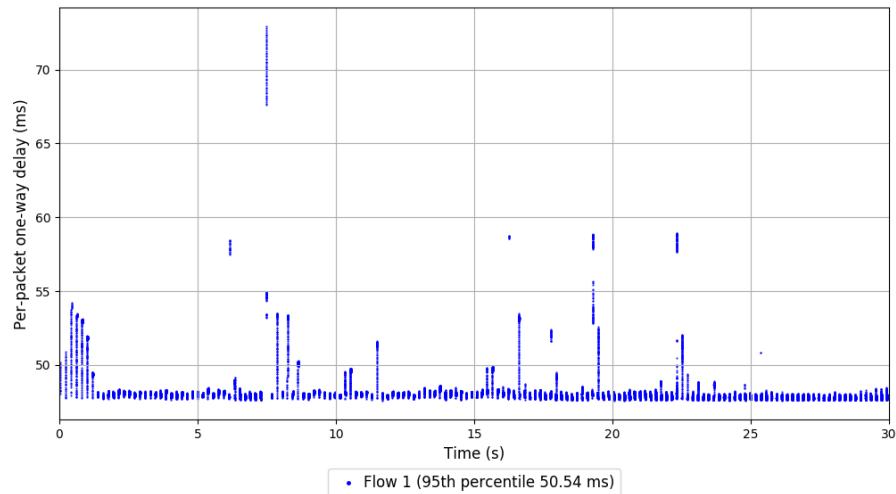
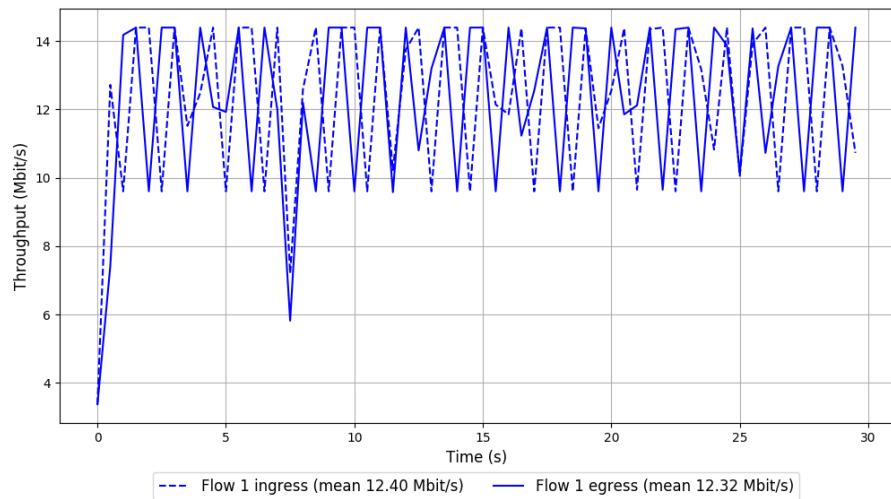


Run 2: Statistics of Saturator

```
Start at: 2017-08-21 21:51:24
End at: 2017-08-21 21:51:54
Local clock offset: 1.027 ms
Remote clock offset: -1.273 ms

# Below is generated by plot.py at 2017-08-22 01:11:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.32 Mbit/s
95th percentile per-packet one-way delay: 50.538 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 12.32 Mbit/s
95th percentile per-packet one-way delay: 50.538 ms
Loss rate: 0.69%
```

Run 2: Report of Saturator — Data Link

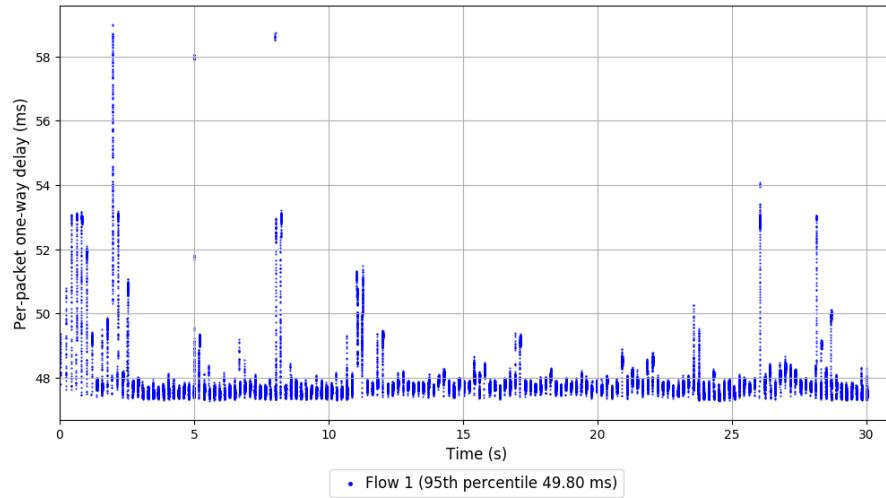
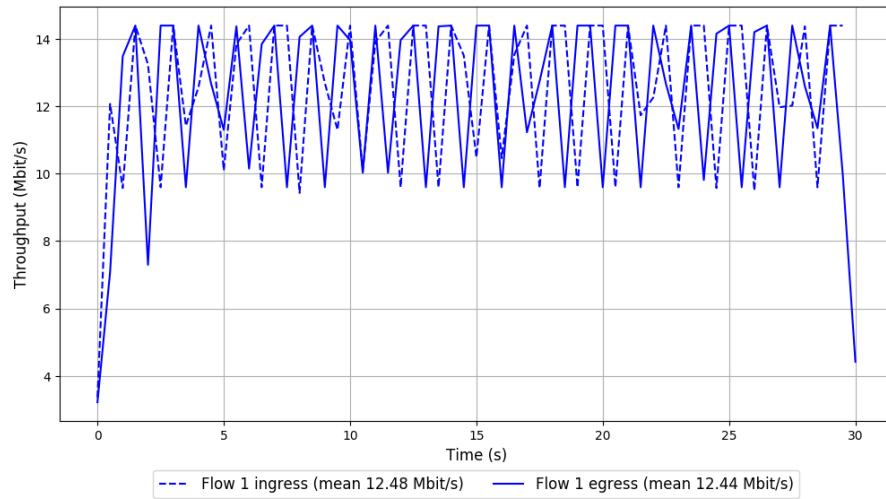


Run 3: Statistics of Saturator

```
Start at: 2017-08-21 22:12:30
End at: 2017-08-21 22:13:00
Local clock offset: 1.057 ms
Remote clock offset: -1.536 ms

# Below is generated by plot.py at 2017-08-22 01:11:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.44 Mbit/s
95th percentile per-packet one-way delay: 49.801 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 12.44 Mbit/s
95th percentile per-packet one-way delay: 49.801 ms
Loss rate: 0.36%
```

Run 3: Report of Saturator — Data Link

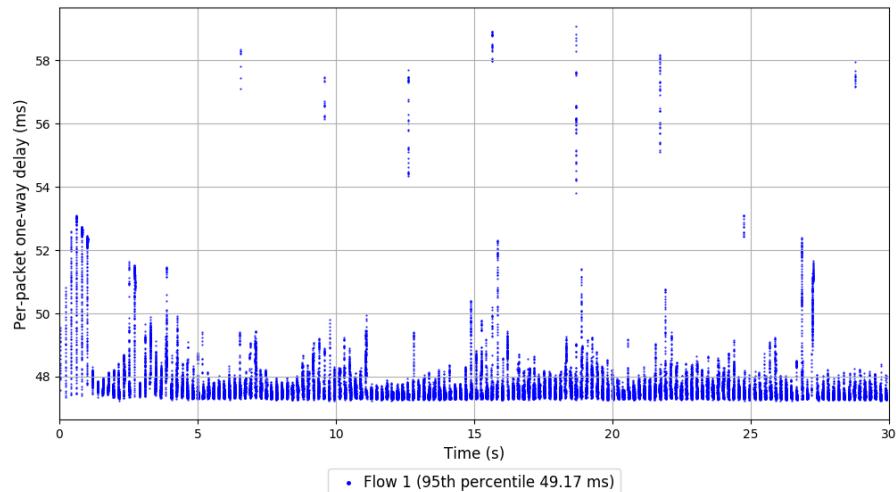
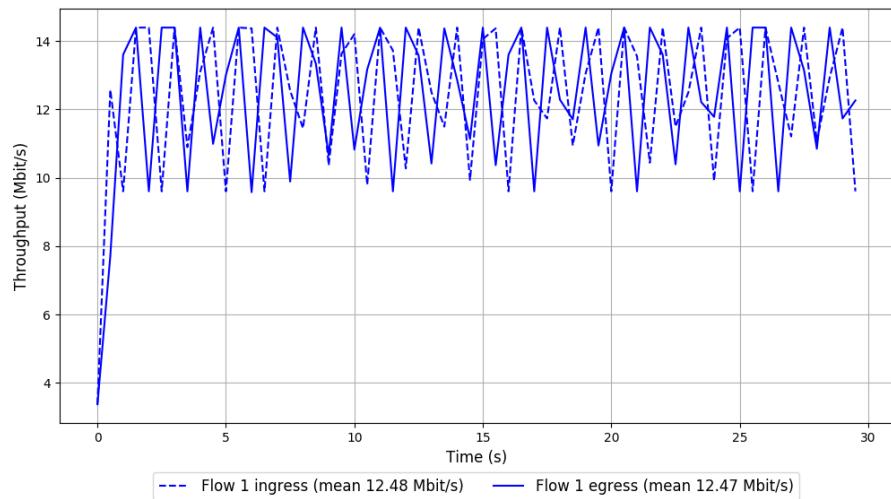


Run 4: Statistics of Saturator

```
Start at: 2017-08-21 22:34:25
End at: 2017-08-21 22:34:55
Local clock offset: 1.098 ms
Remote clock offset: -1.627 ms

# Below is generated by plot.py at 2017-08-22 01:11:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.47 Mbit/s
95th percentile per-packet one-way delay: 49.167 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 12.47 Mbit/s
95th percentile per-packet one-way delay: 49.167 ms
Loss rate: 0.12%
```

Run 4: Report of Saturator — Data Link

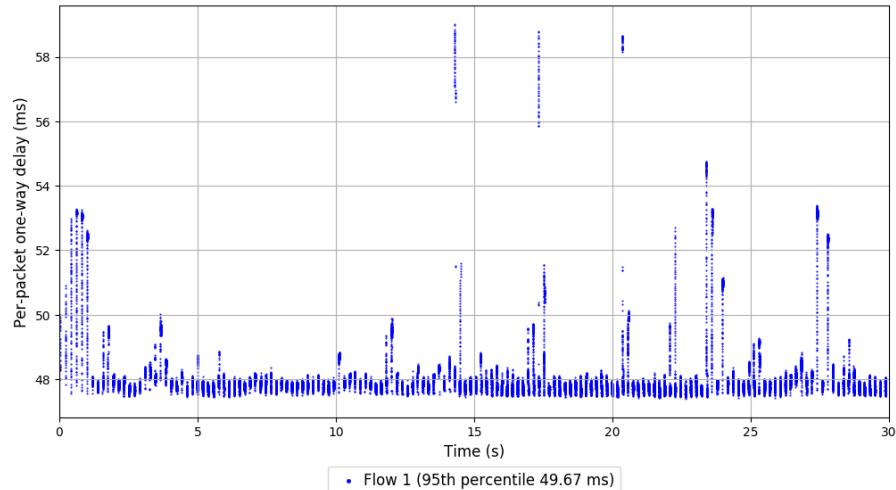
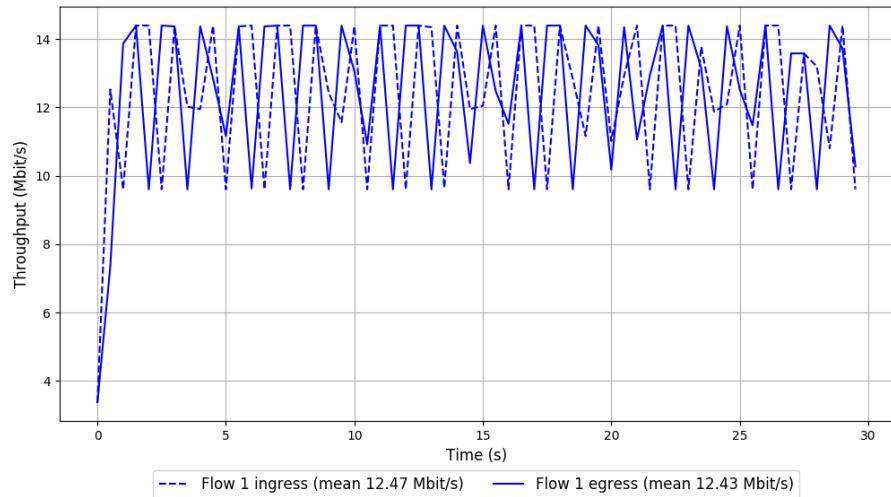


Run 5: Statistics of Saturator

```
Start at: 2017-08-21 22:54:35
End at: 2017-08-21 22:55:05
Local clock offset: 1.082 ms
Remote clock offset: -1.734 ms

# Below is generated by plot.py at 2017-08-22 01:11:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.43 Mbit/s
95th percentile per-packet one-way delay: 49.673 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 12.43 Mbit/s
95th percentile per-packet one-way delay: 49.673 ms
Loss rate: 0.32%
```

Run 5: Report of Saturator — Data Link

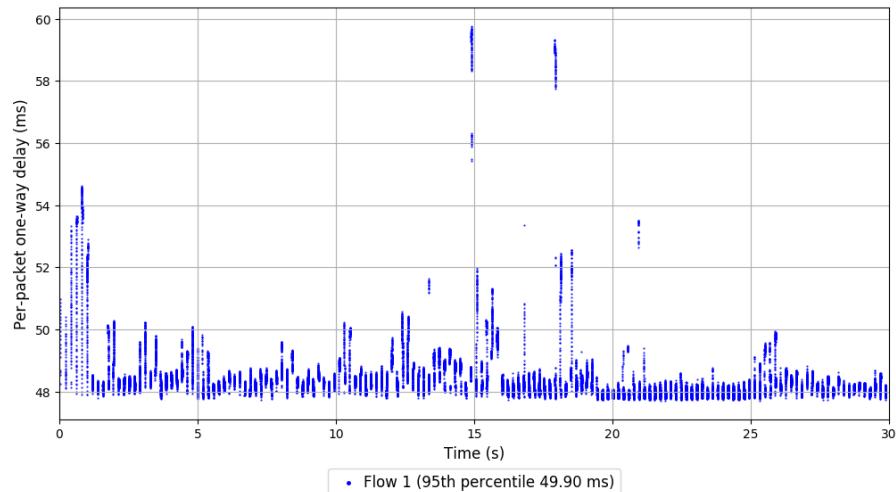
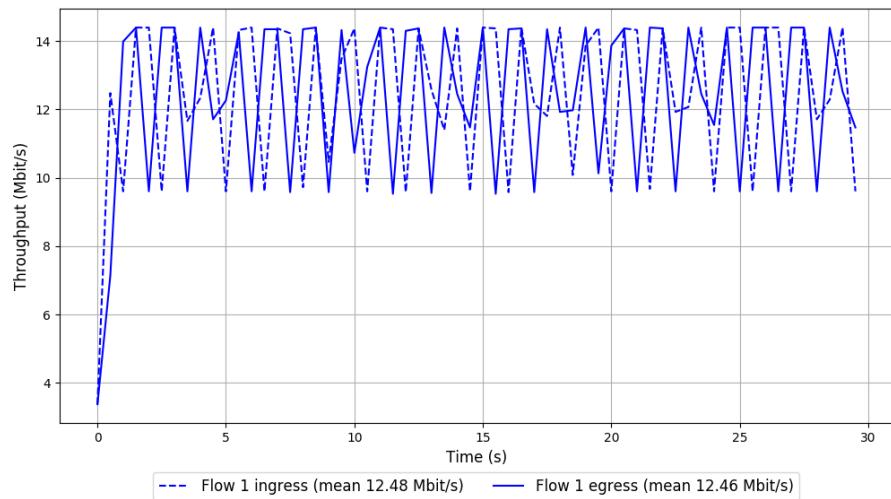


Run 6: Statistics of Saturator

```
Start at: 2017-08-21 23:16:15
End at: 2017-08-21 23:16:45
Local clock offset: 0.809 ms
Remote clock offset: -1.752 ms

# Below is generated by plot.py at 2017-08-22 01:11:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.46 Mbit/s
95th percentile per-packet one-way delay: 49.902 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 12.46 Mbit/s
95th percentile per-packet one-way delay: 49.902 ms
Loss rate: 0.21%
```

Run 6: Report of Saturator — Data Link

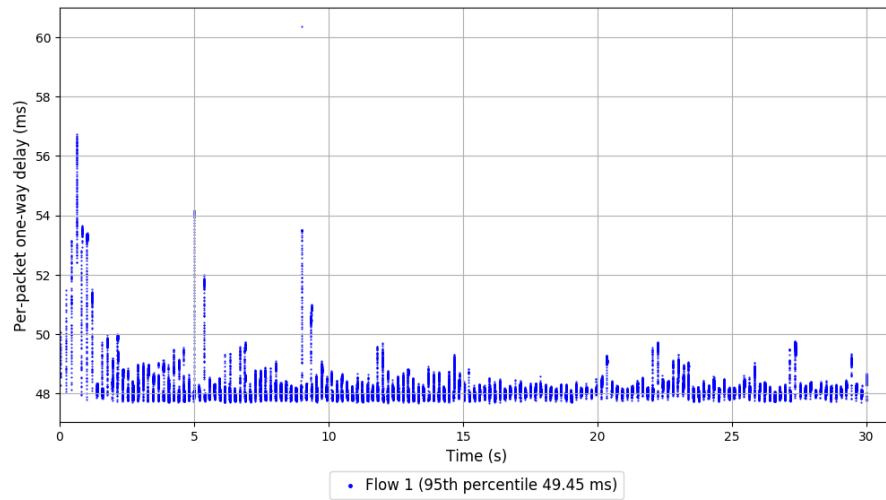
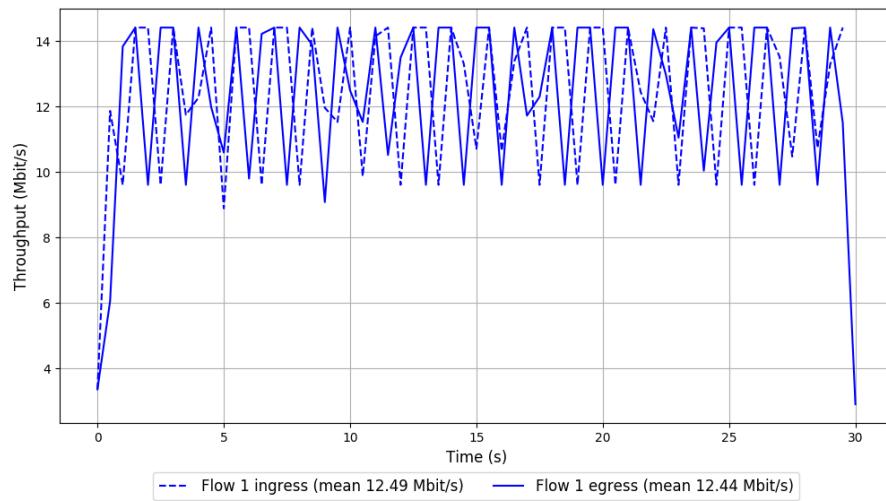


Run 7: Statistics of Saturator

```
Start at: 2017-08-21 23:36:59
End at: 2017-08-21 23:37:29
Local clock offset: 0.992 ms
Remote clock offset: -1.723 ms

# Below is generated by plot.py at 2017-08-22 01:11:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.44 Mbit/s
95th percentile per-packet one-way delay: 49.448 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 12.44 Mbit/s
95th percentile per-packet one-way delay: 49.448 ms
Loss rate: 0.38%
```

Run 7: Report of Saturator — Data Link

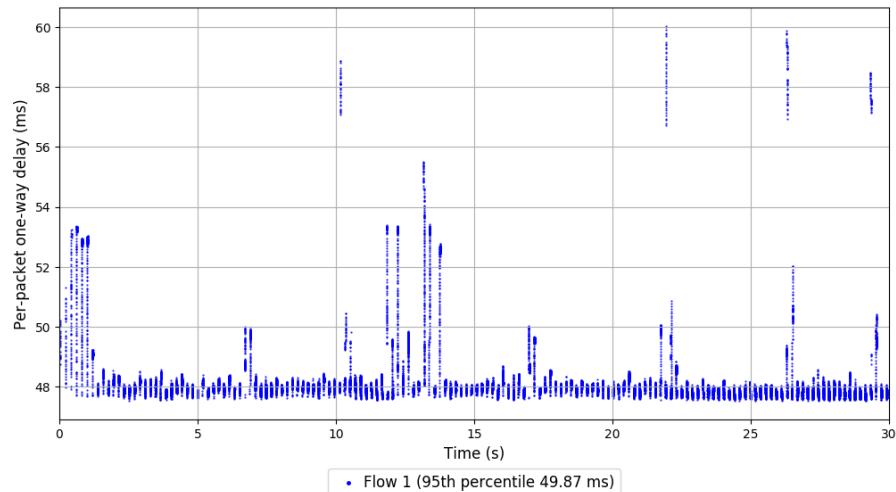
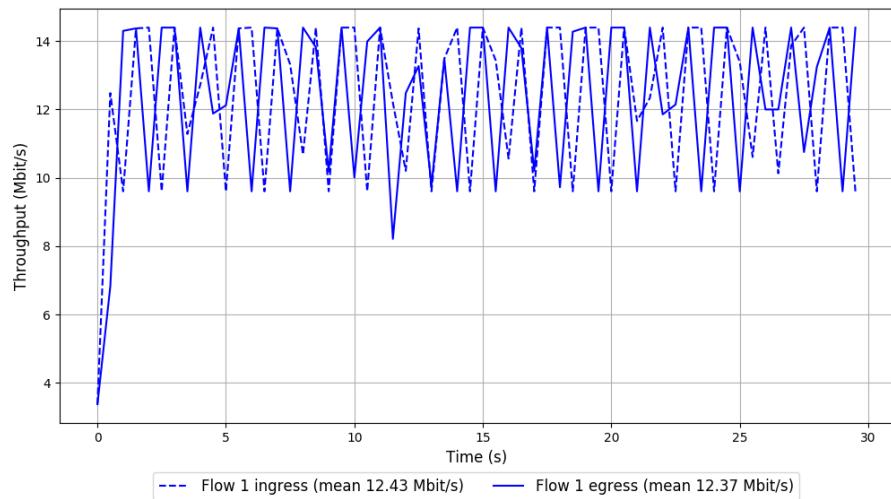


Run 8: Statistics of Saturator

```
Start at: 2017-08-21 23:57:23
End at: 2017-08-21 23:57:53
Local clock offset: 1.26 ms
Remote clock offset: -1.688 ms

# Below is generated by plot.py at 2017-08-22 01:11:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.37 Mbit/s
95th percentile per-packet one-way delay: 49.868 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 12.37 Mbit/s
95th percentile per-packet one-way delay: 49.868 ms
Loss rate: 0.48%
```

Run 8: Report of Saturator — Data Link

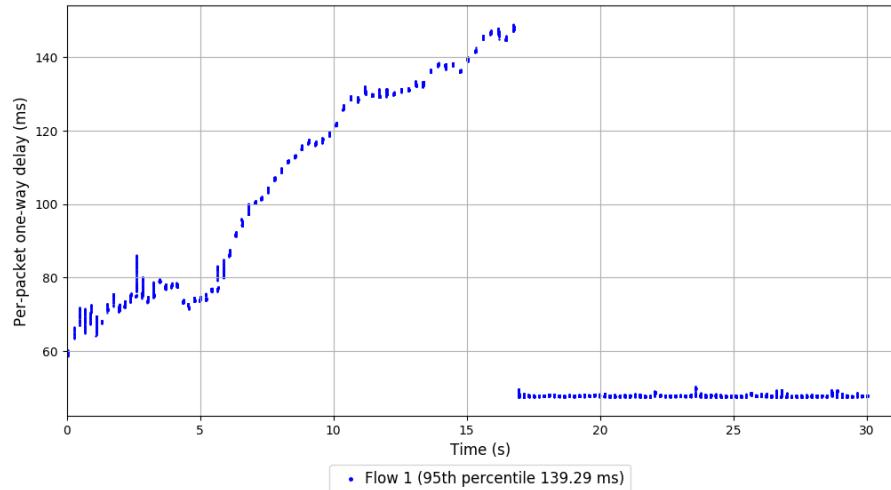
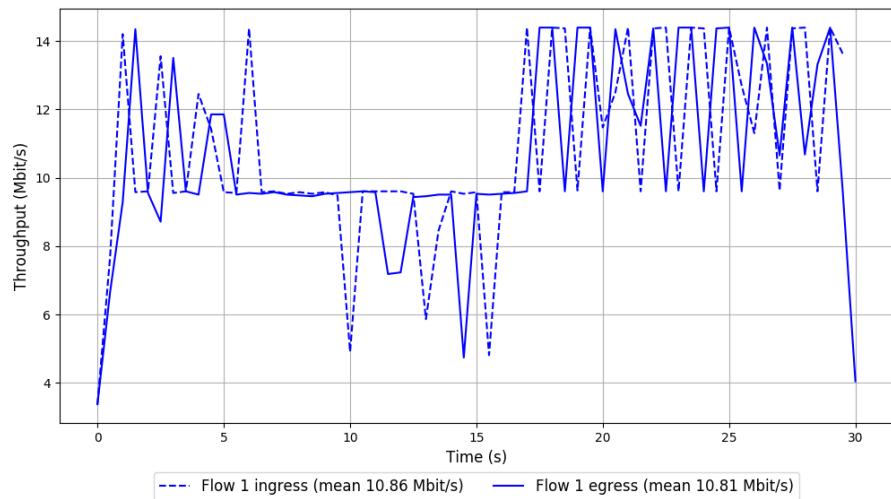


Run 9: Statistics of Saturator

```
Start at: 2017-08-22 00:18:16
End at: 2017-08-22 00:18:46
Local clock offset: 1.132 ms
Remote clock offset: -1.651 ms

# Below is generated by plot.py at 2017-08-22 01:11:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.81 Mbit/s
95th percentile per-packet one-way delay: 139.288 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 10.81 Mbit/s
95th percentile per-packet one-way delay: 139.288 ms
Loss rate: 0.52%
```

Run 9: Report of Saturator — Data Link

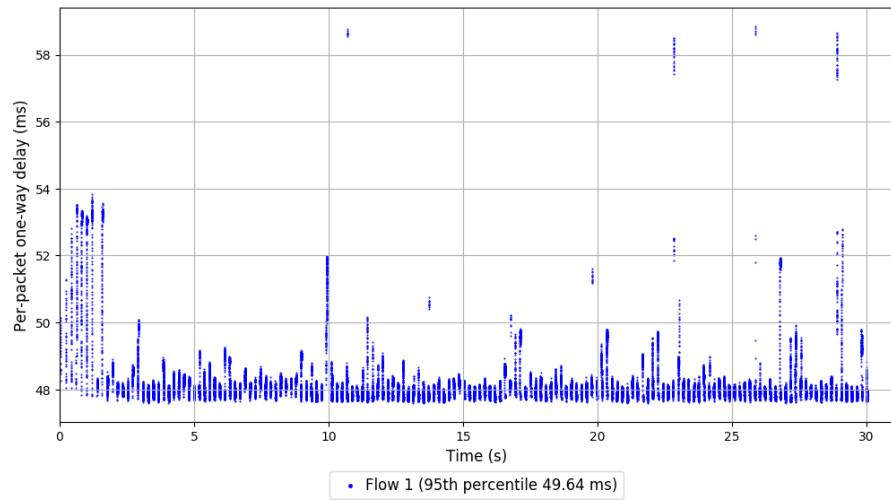
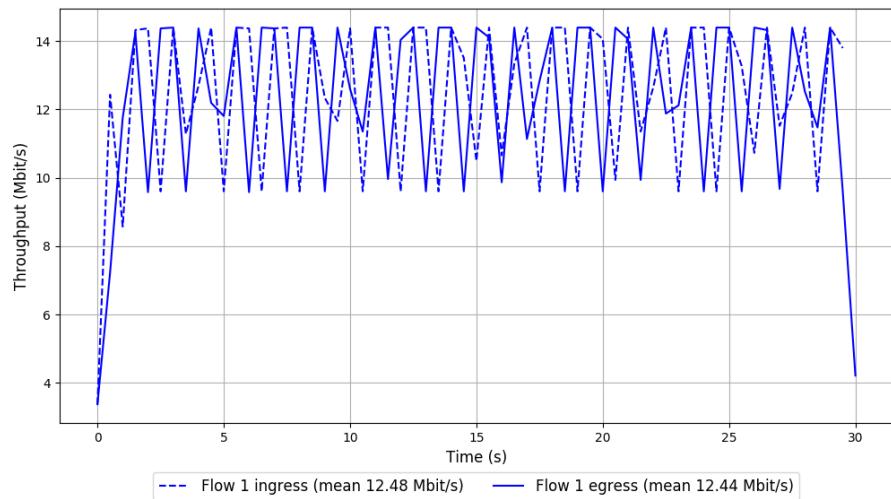


Run 10: Statistics of Saturator

```
Start at: 2017-08-22 00:38:14
End at: 2017-08-22 00:38:44
Local clock offset: 1.123 ms
Remote clock offset: -1.556 ms

# Below is generated by plot.py at 2017-08-22 01:11:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.44 Mbit/s
95th percentile per-packet one-way delay: 49.643 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 12.44 Mbit/s
95th percentile per-packet one-way delay: 49.643 ms
Loss rate: 0.29%
```

Run 10: Report of Saturator — Data Link

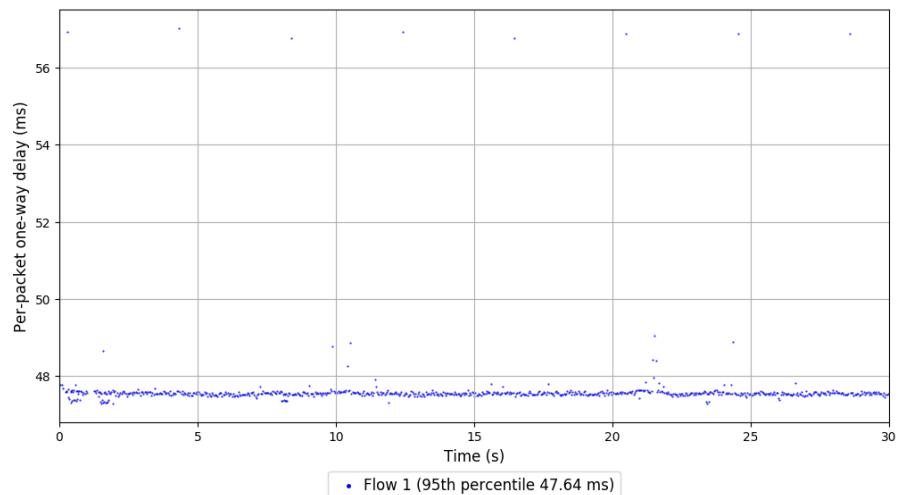
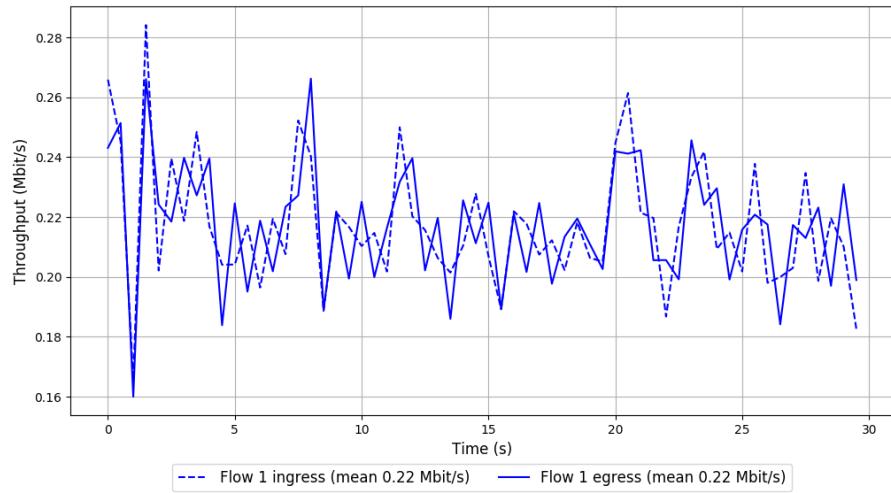


Run 1: Statistics of SCReAM

```
Start at: 2017-08-21 21:37:13
End at: 2017-08-21 21:37:43
Local clock offset: 0.858 ms
Remote clock offset: -1.35 ms

# Below is generated by plot.py at 2017-08-22 01:11:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.642 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.642 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

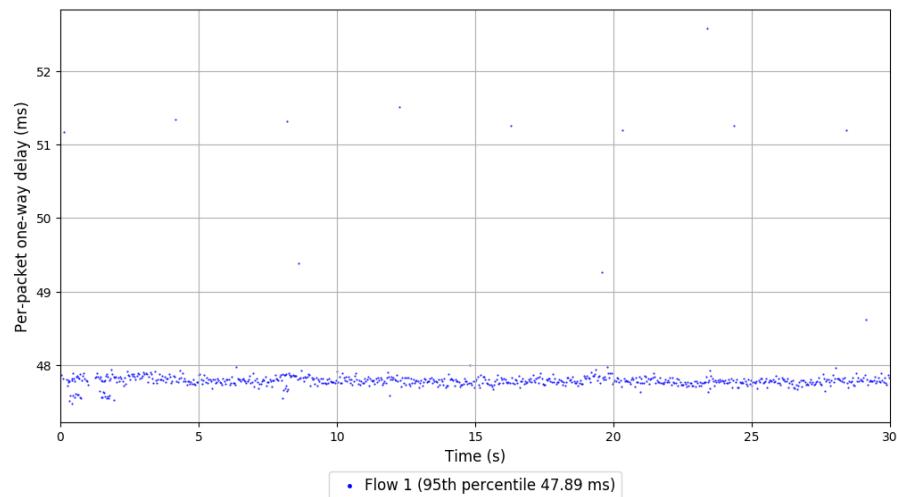
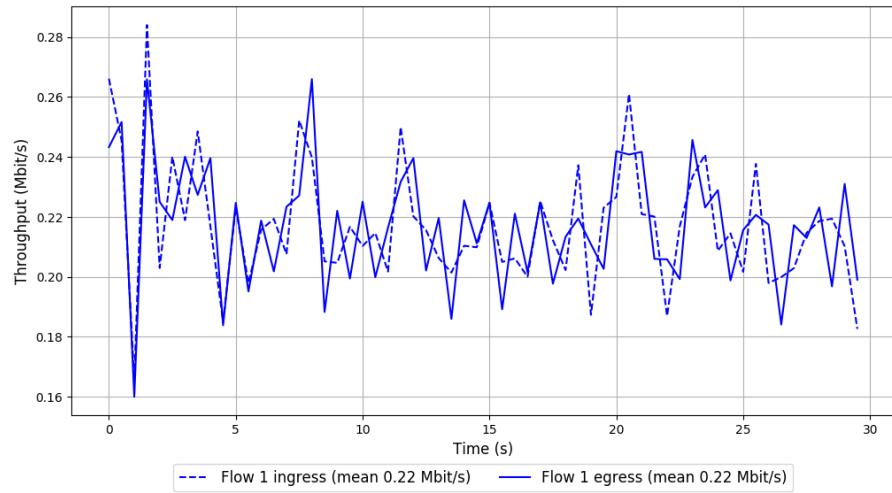


Run 2: Statistics of SCReAM

```
Start at: 2017-08-21 21:58:16
End at: 2017-08-21 21:58:46
Local clock offset: 1.02 ms
Remote clock offset: -1.443 ms

# Below is generated by plot.py at 2017-08-22 01:11:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.890 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.890 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

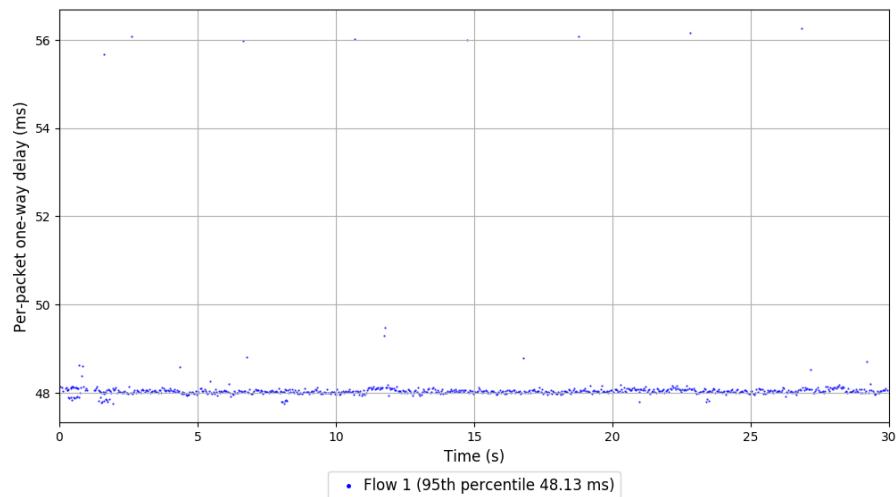
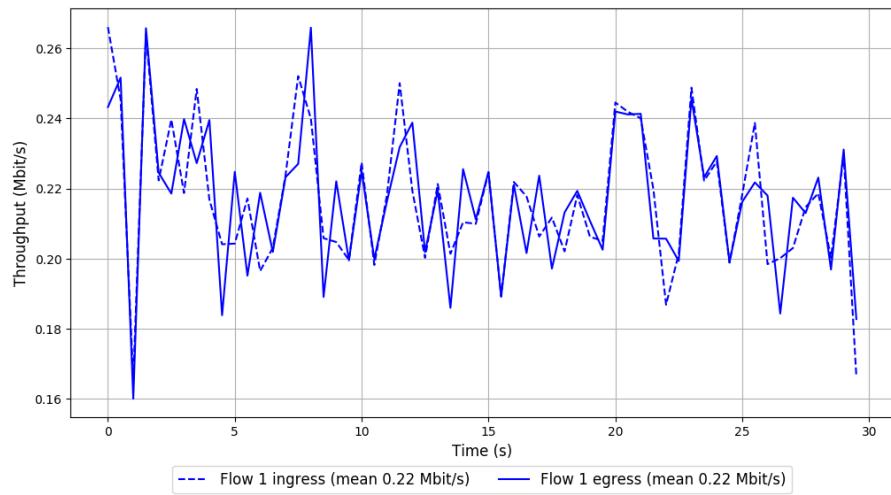


Run 3: Statistics of SCReAM

```
Start at: 2017-08-21 22:19:33
End at: 2017-08-21 22:20:03
Local clock offset: 0.818 ms
Remote clock offset: -1.703 ms

# Below is generated by plot.py at 2017-08-22 01:11:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.129 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.129 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

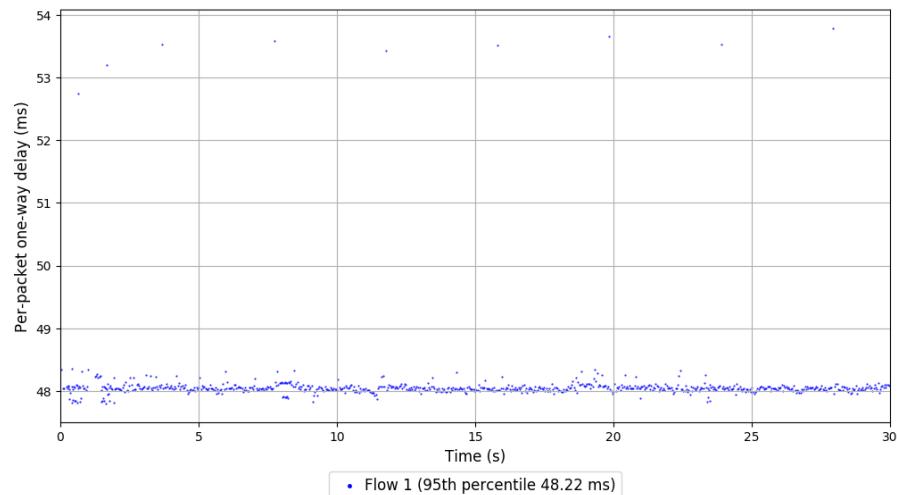
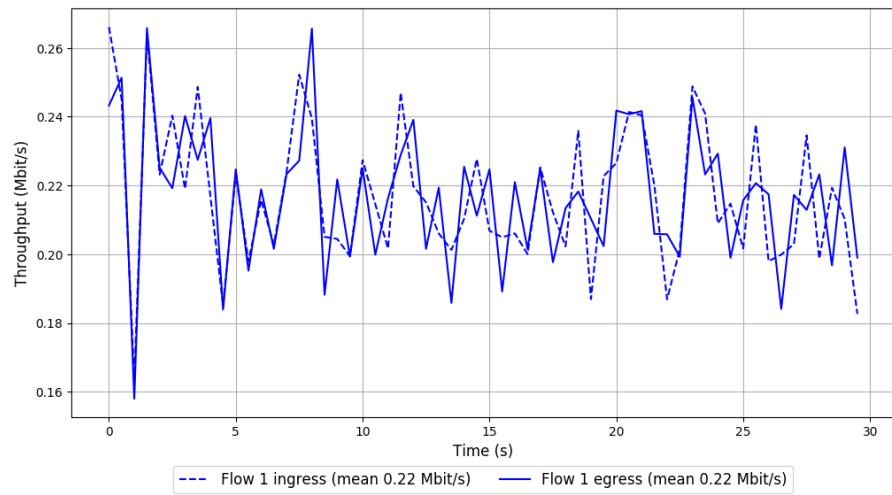


Run 4: Statistics of SCReAM

```
Start at: 2017-08-21 22:41:28
End at: 2017-08-21 22:41:58
Local clock offset: 0.825 ms
Remote clock offset: -1.641 ms

# Below is generated by plot.py at 2017-08-22 01:11:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.217 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.217 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

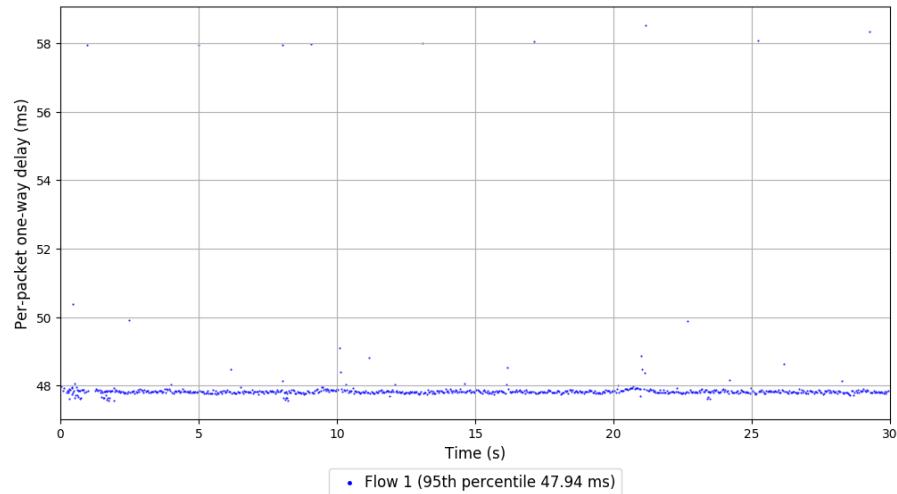
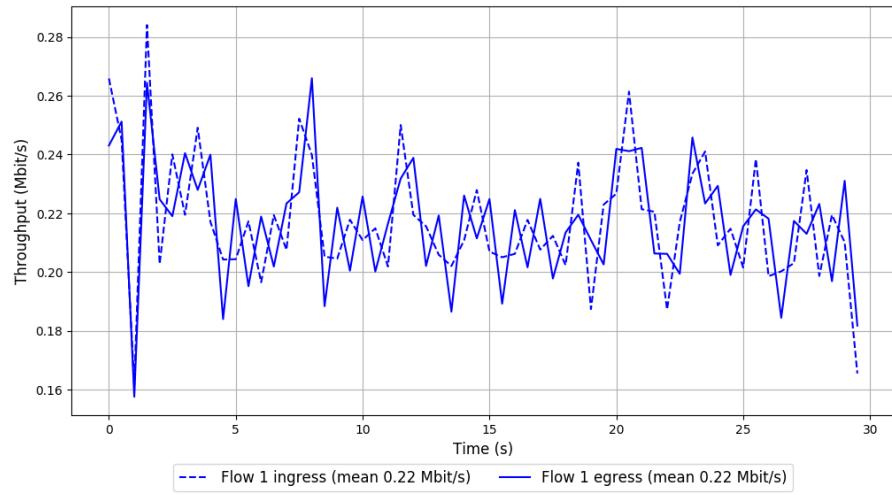


Run 5: Statistics of SCReAM

```
Start at: 2017-08-21 23:01:31
End at: 2017-08-21 23:02:01
Local clock offset: 1.053 ms
Remote clock offset: -1.707 ms

# Below is generated by plot.py at 2017-08-22 01:11:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.944 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.944 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

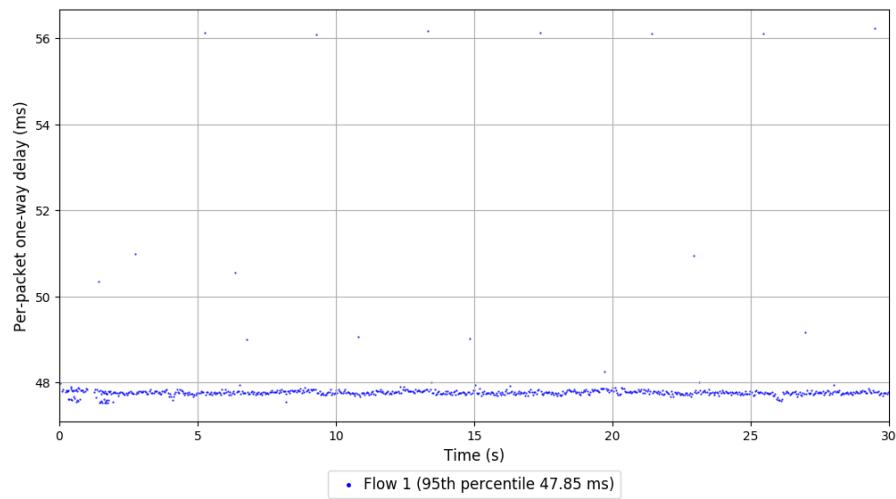
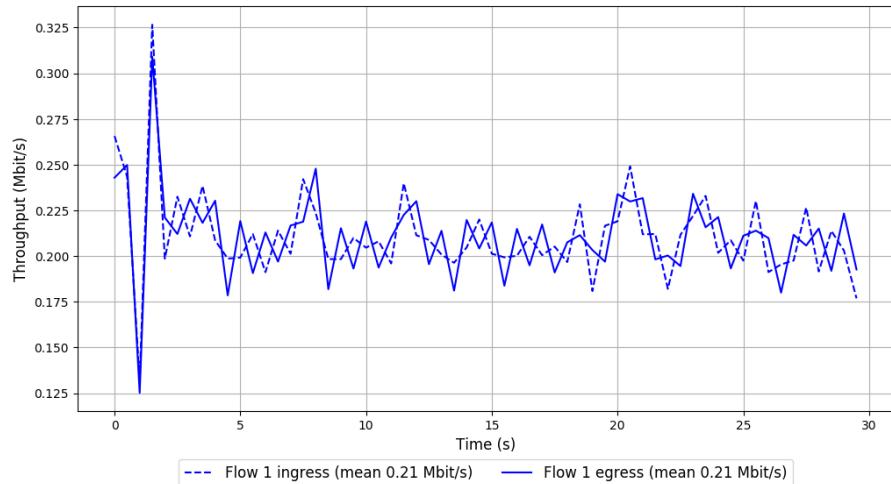


Run 6: Statistics of SCReAM

```
Start at: 2017-08-21 23:23:13
End at: 2017-08-21 23:23:44
Local clock offset: 0.818 ms
Remote clock offset: -1.771 ms

# Below is generated by plot.py at 2017-08-22 01:11:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 47.853 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 47.853 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

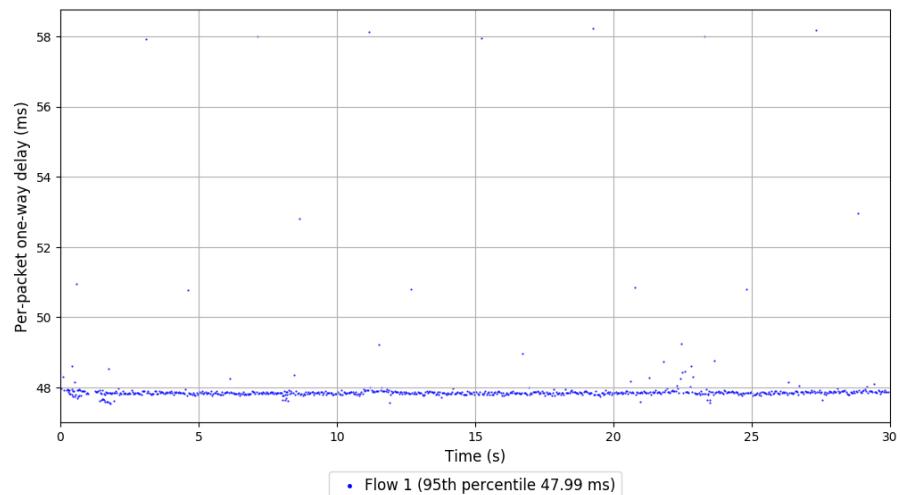
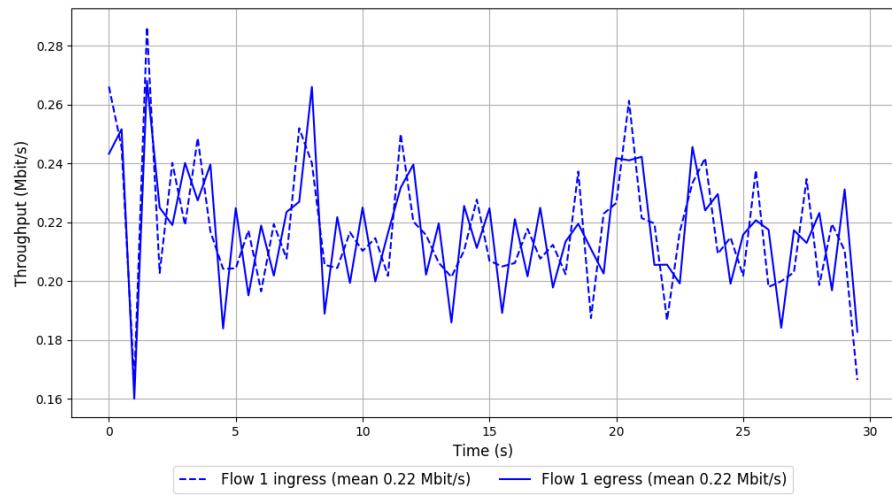


Run 7: Statistics of SCReAM

```
Start at: 2017-08-21 23:43:40
End at: 2017-08-21 23:44:10
Local clock offset: 0.931 ms
Remote clock offset: -1.72 ms

# Below is generated by plot.py at 2017-08-22 01:11:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.987 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 47.987 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

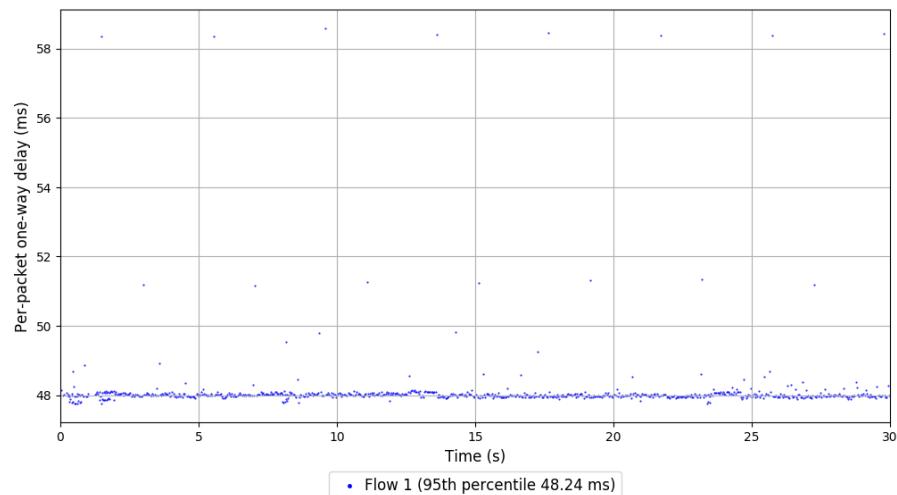
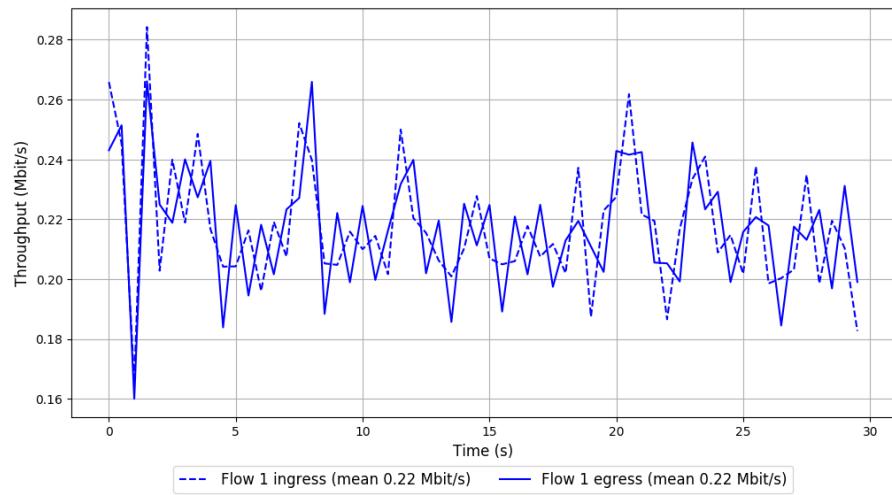


Run 8: Statistics of SCReAM

```
Start at: 2017-08-22 00:04:01
End at: 2017-08-22 00:04:31
Local clock offset: 1.097 ms
Remote clock offset: -1.715 ms

# Below is generated by plot.py at 2017-08-22 01:11:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.245 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.245 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

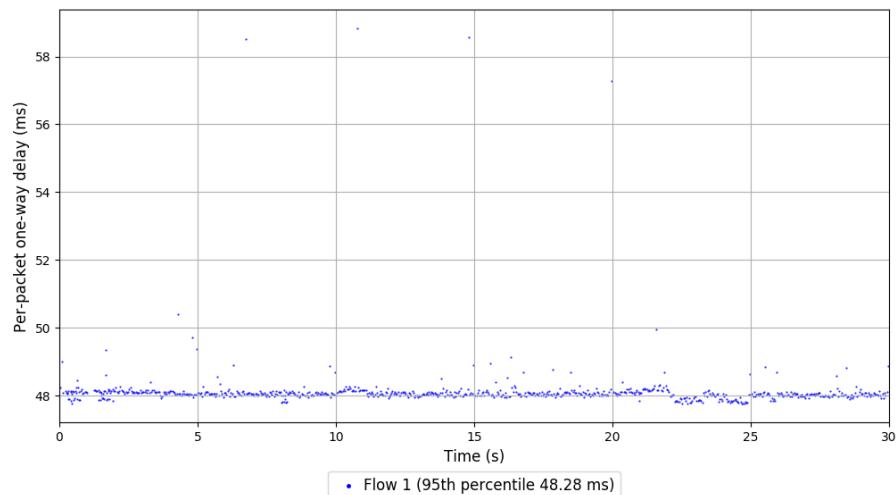
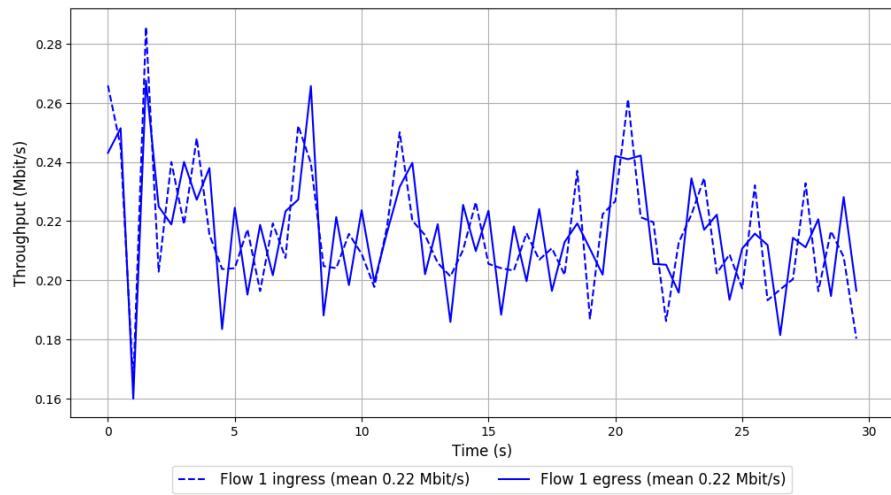


Run 9: Statistics of SCReAM

```
Start at: 2017-08-22 00:25:11
End at: 2017-08-22 00:25:41
Local clock offset: 1.14 ms
Remote clock offset: -1.654 ms

# Below is generated by plot.py at 2017-08-22 01:11:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.282 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.282 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

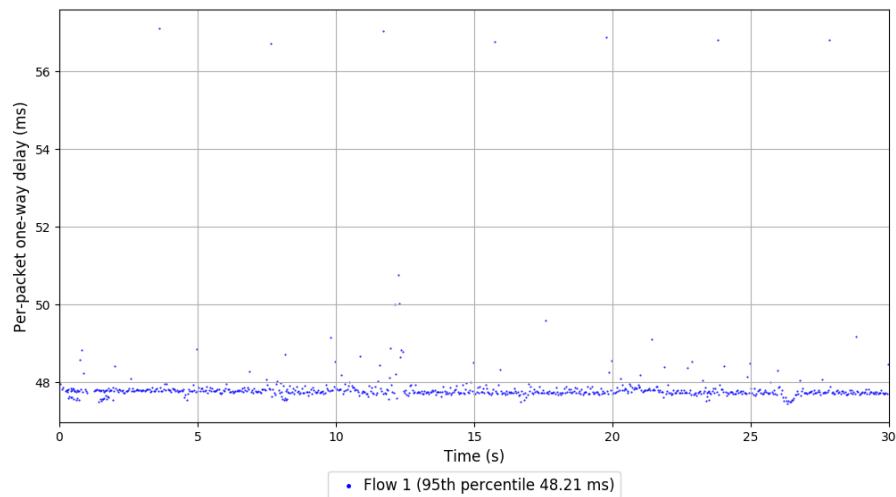
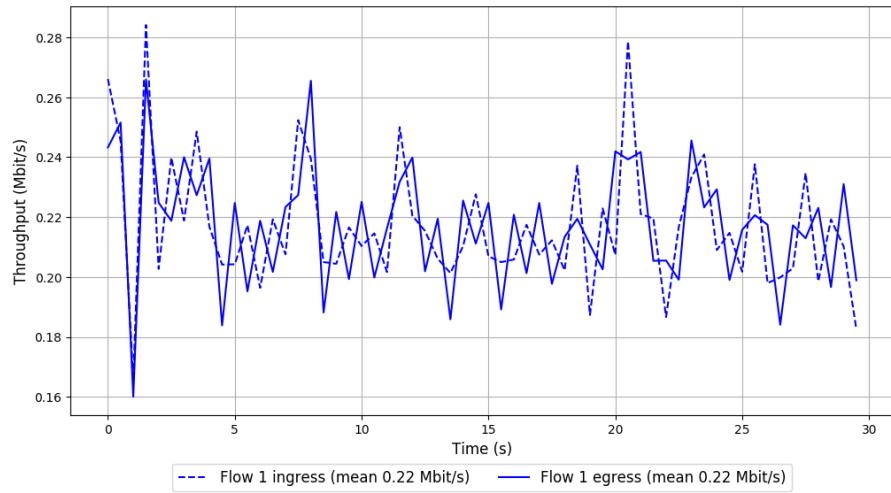


Run 10: Statistics of SCReAM

```
Start at: 2017-08-22 00:45:07
End at: 2017-08-22 00:45:37
Local clock offset: 1.517 ms
Remote clock offset: -1.581 ms

# Below is generated by plot.py at 2017-08-22 01:11:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.211 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.211 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

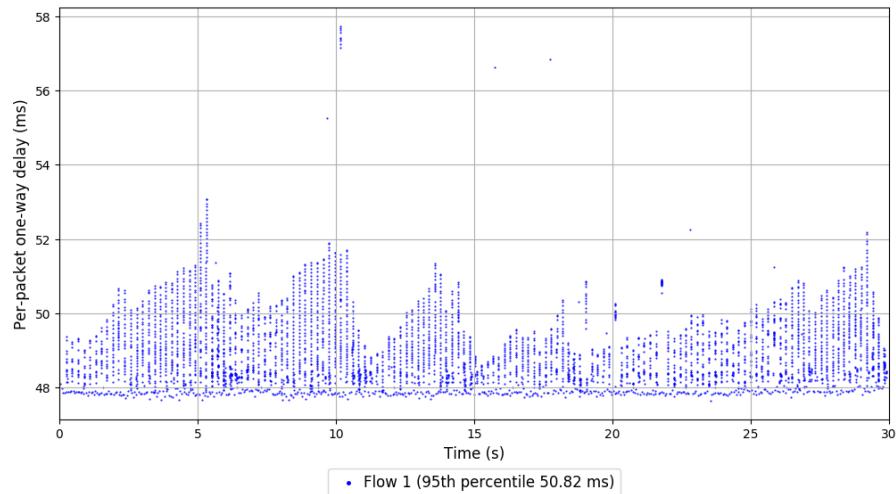
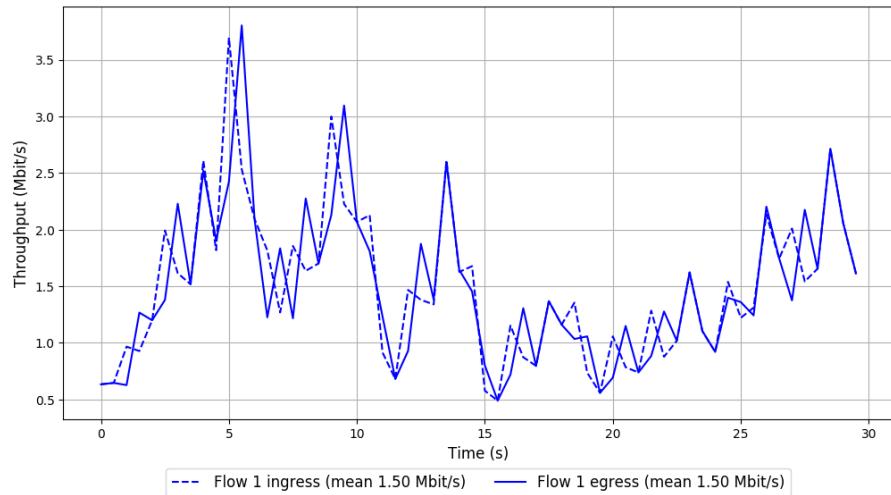


Run 1: Statistics of Sprout

```
Start at: 2017-08-21 21:34:42
End at: 2017-08-21 21:35:12
Local clock offset: 0.56 ms
Remote clock offset: -1.273 ms

# Below is generated by plot.py at 2017-08-22 01:11:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 50.817 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 50.817 ms
Loss rate: 0.03%
```

Run 1: Report of Sprout — Data Link

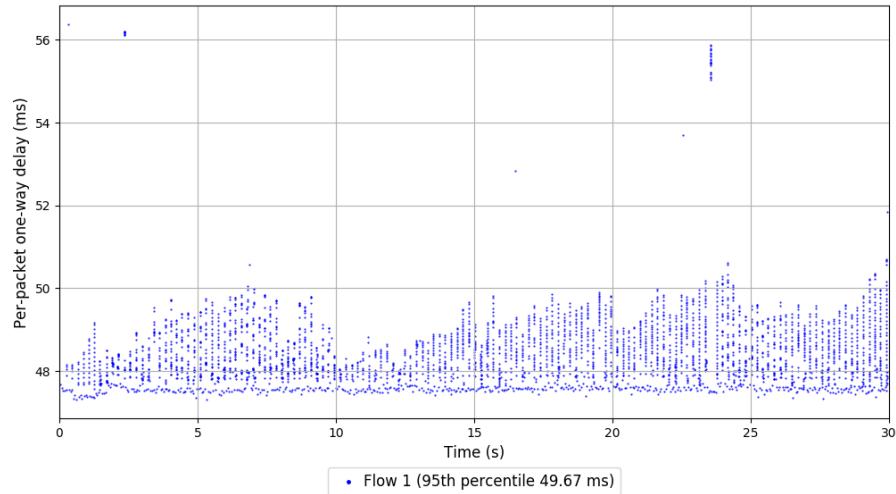
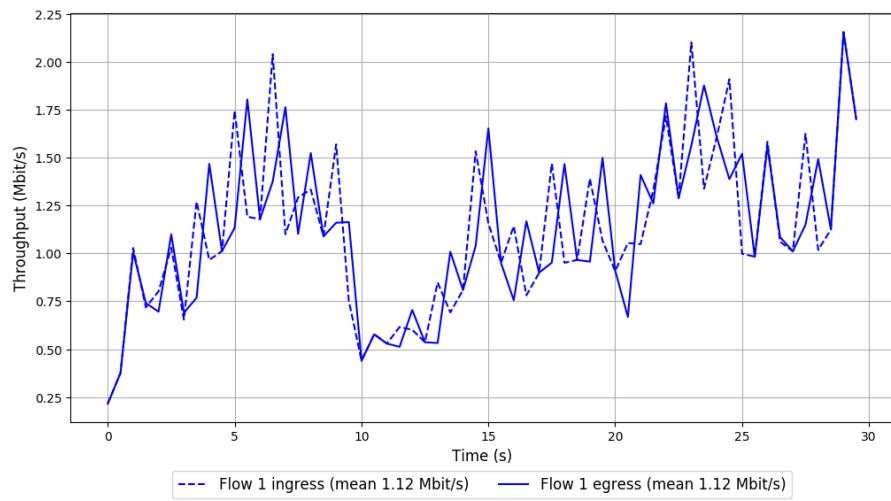


Run 2: Statistics of Sprout

```
Start at: 2017-08-21 21:55:49
End at: 2017-08-21 21:56:19
Local clock offset: 1.101 ms
Remote clock offset: -1.352 ms

# Below is generated by plot.py at 2017-08-22 01:11:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 49.668 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 49.668 ms
Loss rate: 0.04%
```

Run 2: Report of Sprout — Data Link

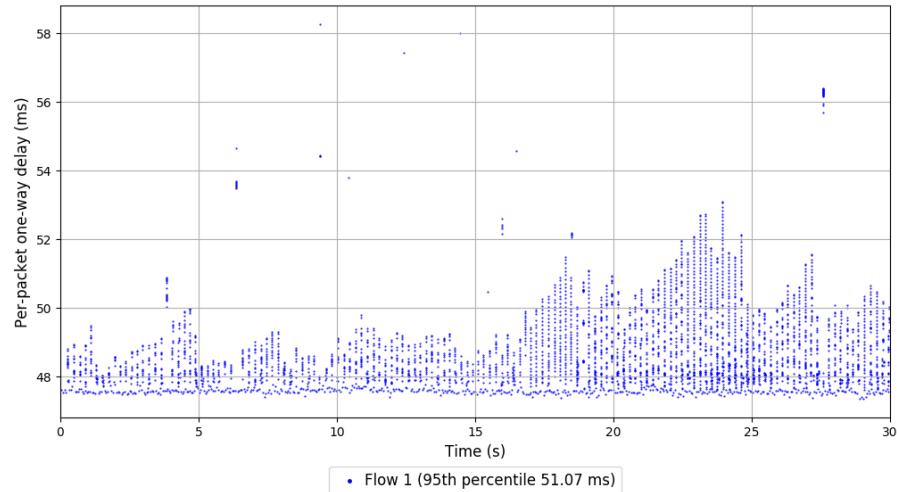
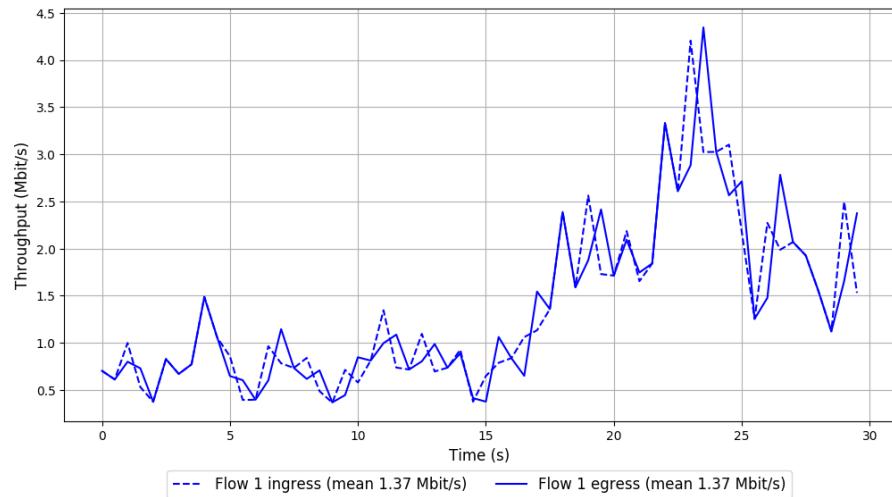


Run 3: Statistics of Sprout

```
Start at: 2017-08-21 22:17:01
End at: 2017-08-21 22:17:31
Local clock offset: 1.068 ms
Remote clock offset: -1.665 ms

# Below is generated by plot.py at 2017-08-22 01:11:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.37 Mbit/s
95th percentile per-packet one-way delay: 51.072 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.37 Mbit/s
95th percentile per-packet one-way delay: 51.072 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

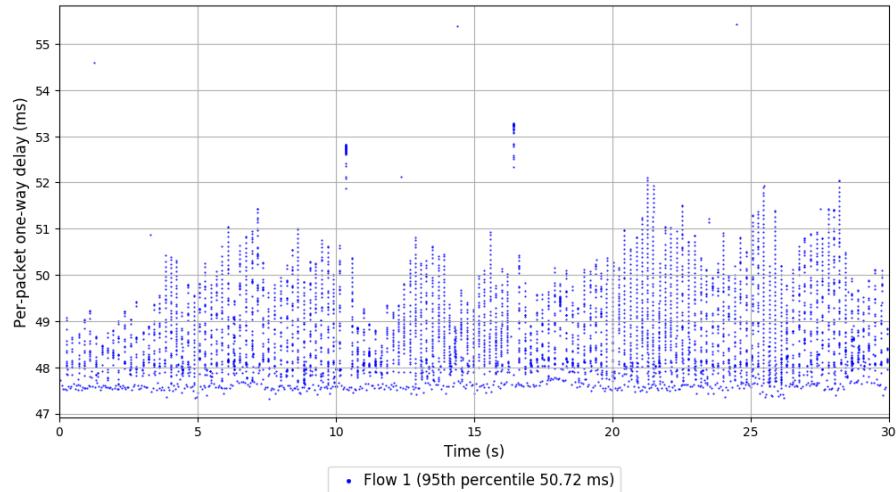
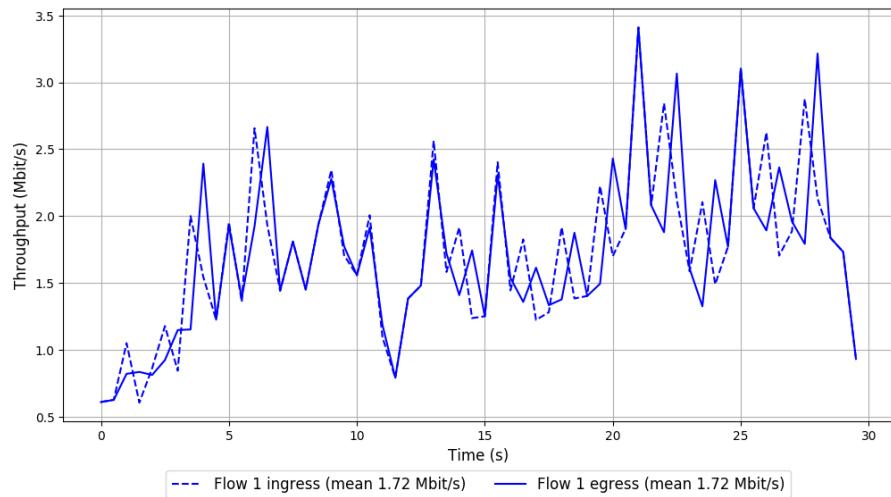


Run 4: Statistics of Sprout

```
Start at: 2017-08-21 22:38:55
End at: 2017-08-21 22:39:25
Local clock offset: 0.829 ms
Remote clock offset: -1.657 ms

# Below is generated by plot.py at 2017-08-22 01:11:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.72 Mbit/s
95th percentile per-packet one-way delay: 50.718 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 1.72 Mbit/s
95th percentile per-packet one-way delay: 50.718 ms
Loss rate: 0.07%
```

Run 4: Report of Sprout — Data Link

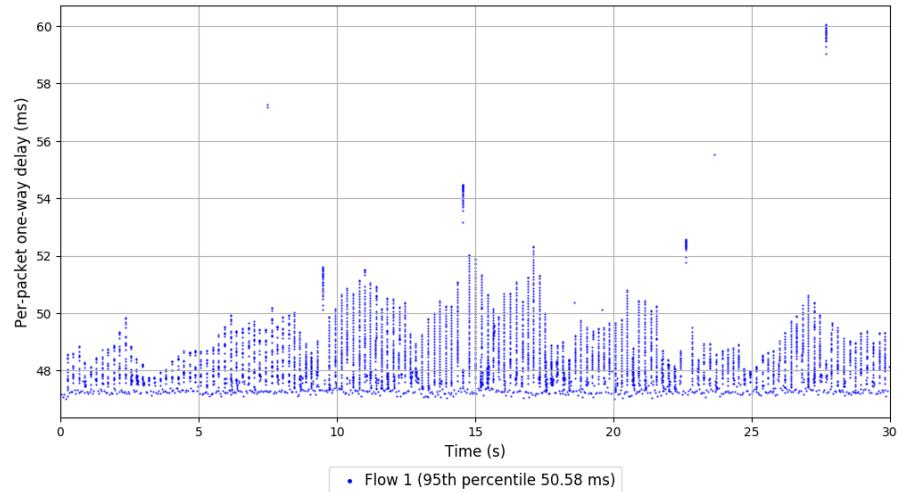
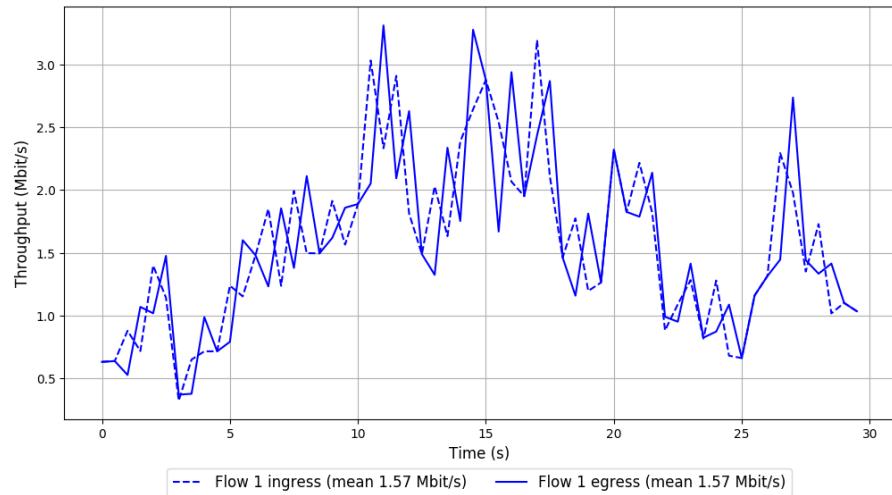


Run 5: Statistics of Sprout

```
Start at: 2017-08-21 22:59:00
End at: 2017-08-21 22:59:30
Local clock offset: 1.127 ms
Remote clock offset: -1.741 ms

# Below is generated by plot.py at 2017-08-22 01:11:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.57 Mbit/s
95th percentile per-packet one-way delay: 50.578 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.57 Mbit/s
95th percentile per-packet one-way delay: 50.578 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

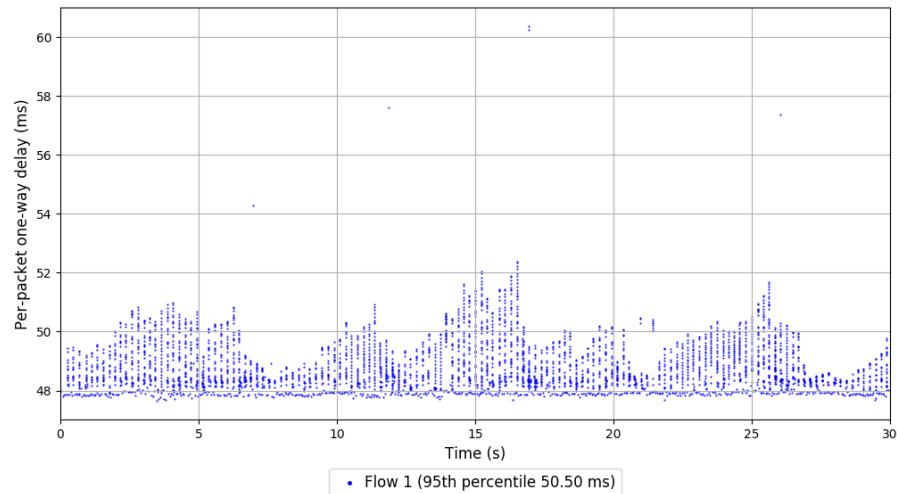
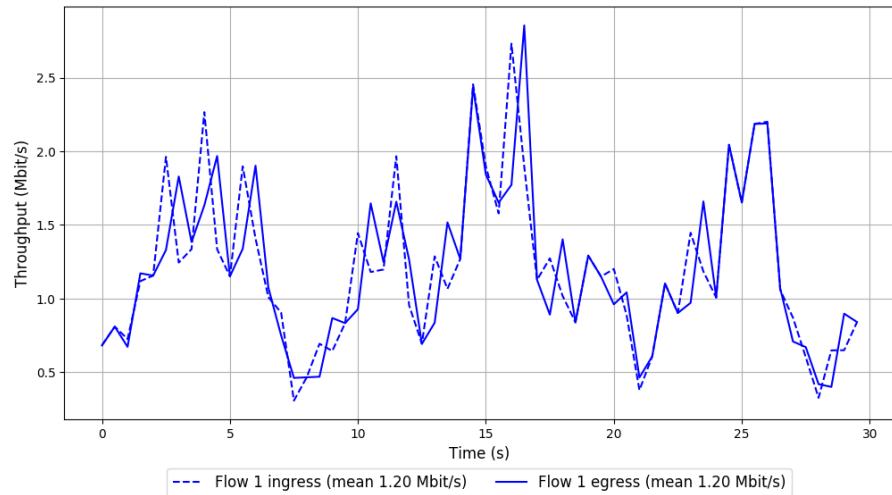


Run 6: Statistics of Sprout

```
Start at: 2017-08-21 23:20:46
End at: 2017-08-21 23:21:16
Local clock offset: 0.824 ms
Remote clock offset: -1.67 ms

# Below is generated by plot.py at 2017-08-22 01:11:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.20 Mbit/s
95th percentile per-packet one-way delay: 50.504 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.20 Mbit/s
95th percentile per-packet one-way delay: 50.504 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

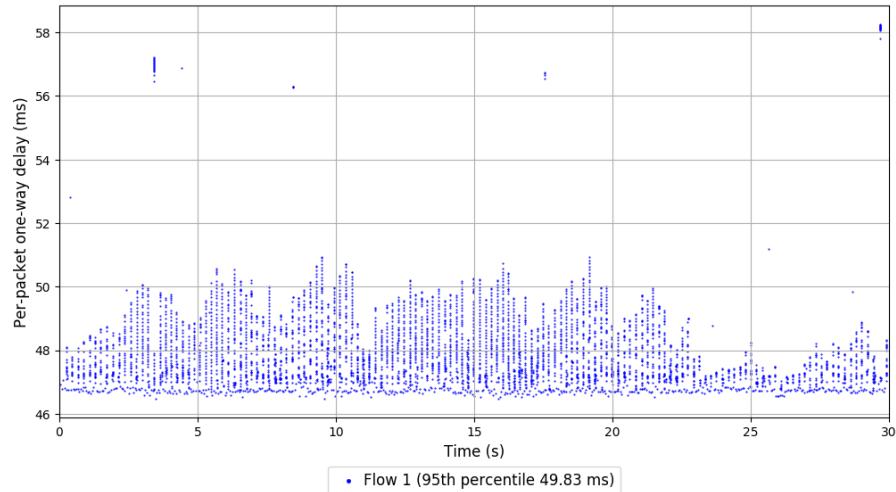
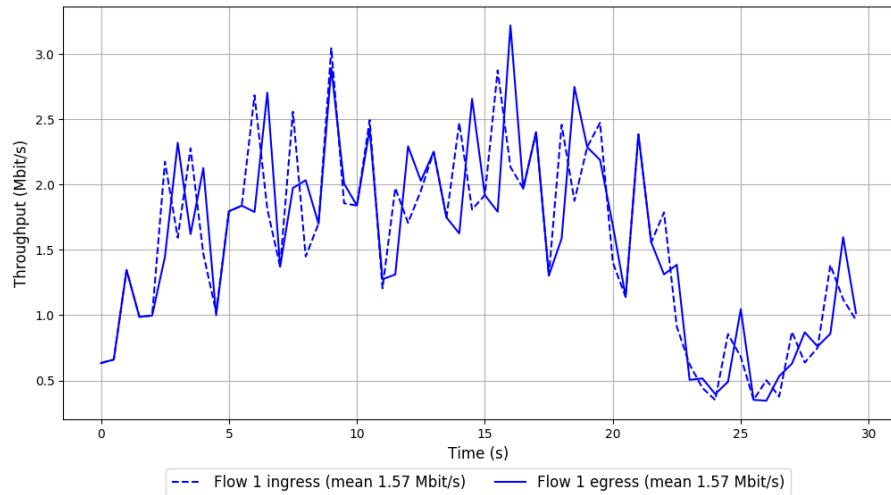


Run 7: Statistics of Sprout

```
Start at: 2017-08-21 23:41:14
End at: 2017-08-21 23:41:44
Local clock offset: 1.846 ms
Remote clock offset: -1.697 ms

# Below is generated by plot.py at 2017-08-22 01:11:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.57 Mbit/s
95th percentile per-packet one-way delay: 49.828 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 1.57 Mbit/s
95th percentile per-packet one-way delay: 49.828 ms
Loss rate: 0.03%
```

Run 7: Report of Sprout — Data Link

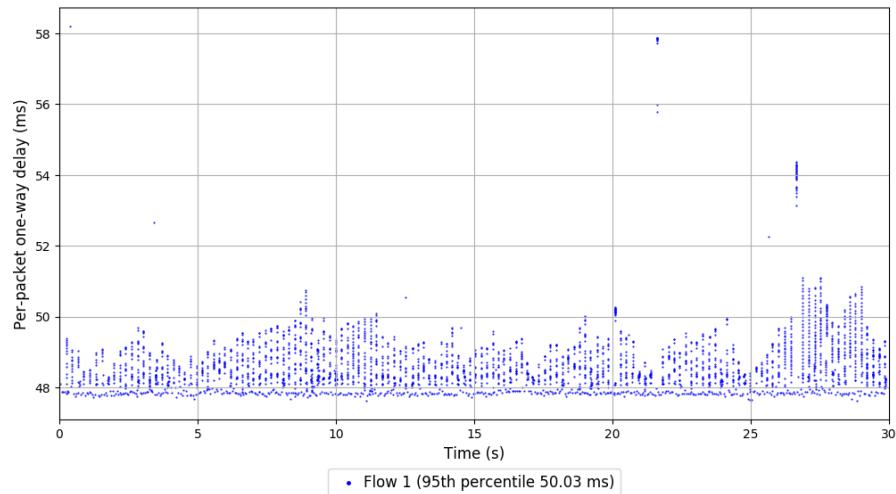
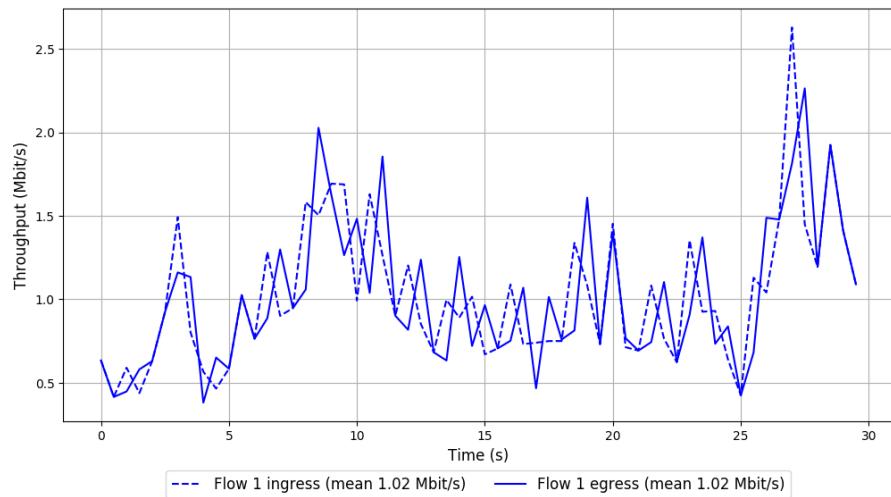


Run 8: Statistics of Sprout

```
Start at: 2017-08-22 00:01:35
End at: 2017-08-22 00:02:05
Local clock offset: 1.013 ms
Remote clock offset: -1.692 ms

# Below is generated by plot.py at 2017-08-22 01:11:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.02 Mbit/s
95th percentile per-packet one-way delay: 50.026 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.02 Mbit/s
95th percentile per-packet one-way delay: 50.026 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

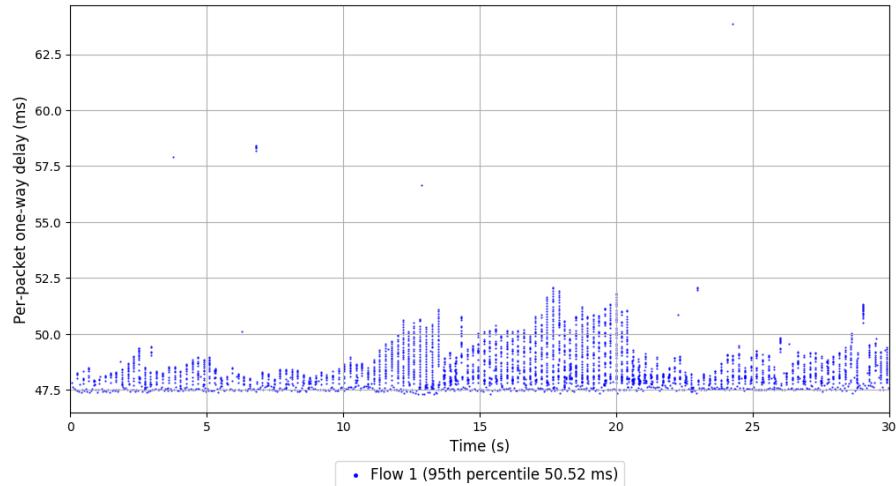
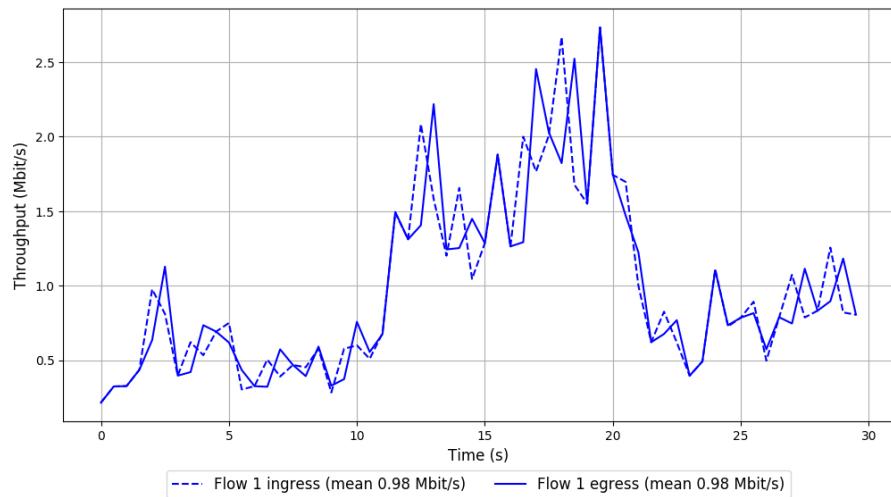


Run 9: Statistics of Sprout

```
Start at: 2017-08-22 00:22:37
End at: 2017-08-22 00:23:07
Local clock offset: 1.367 ms
Remote clock offset: -1.689 ms

# Below is generated by plot.py at 2017-08-22 01:11:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.98 Mbit/s
95th percentile per-packet one-way delay: 50.517 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 0.98 Mbit/s
95th percentile per-packet one-way delay: 50.517 ms
Loss rate: 0.04%
```

Run 9: Report of Sprout — Data Link

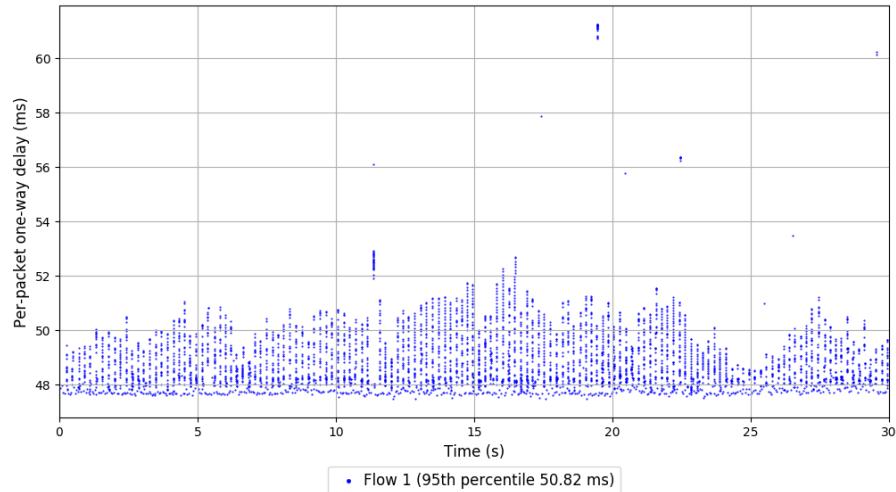
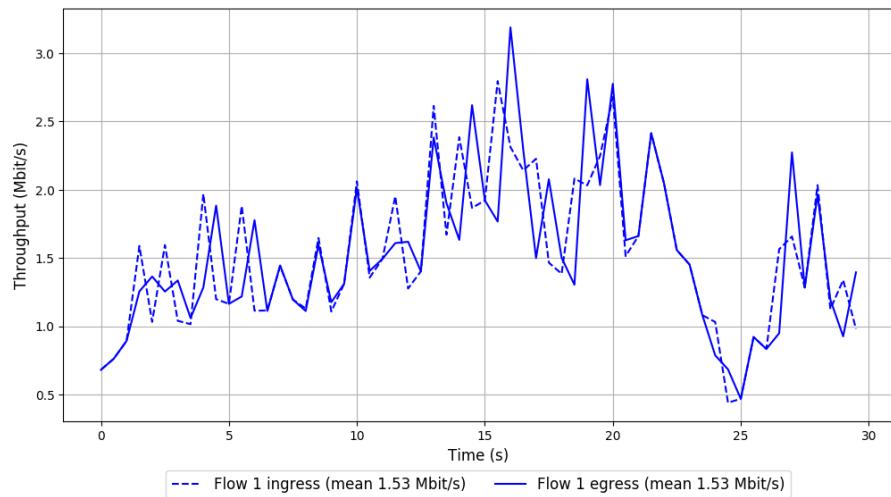


Run 10: Statistics of Sprout

```
Start at: 2017-08-22 00:42:41
End at: 2017-08-22 00:43:11
Local clock offset: 1.152 ms
Remote clock offset: -1.509 ms

# Below is generated by plot.py at 2017-08-22 01:11:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.53 Mbit/s
95th percentile per-packet one-way delay: 50.823 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.53 Mbit/s
95th percentile per-packet one-way delay: 50.823 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link

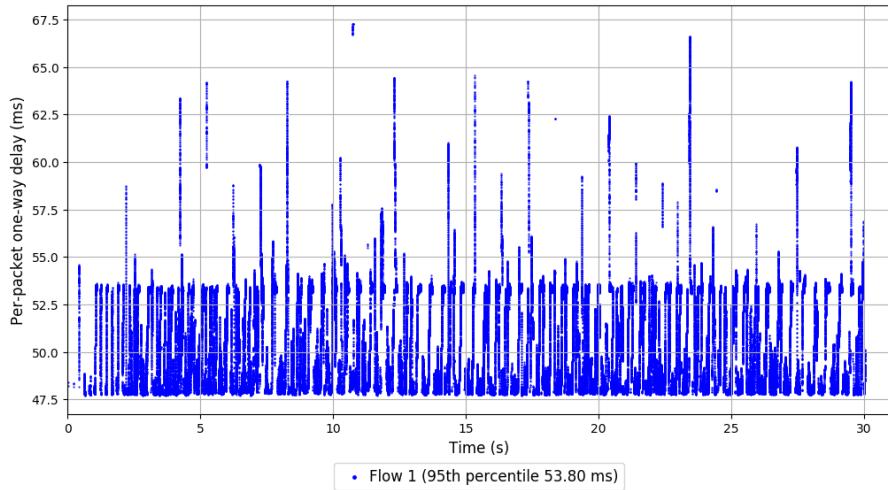
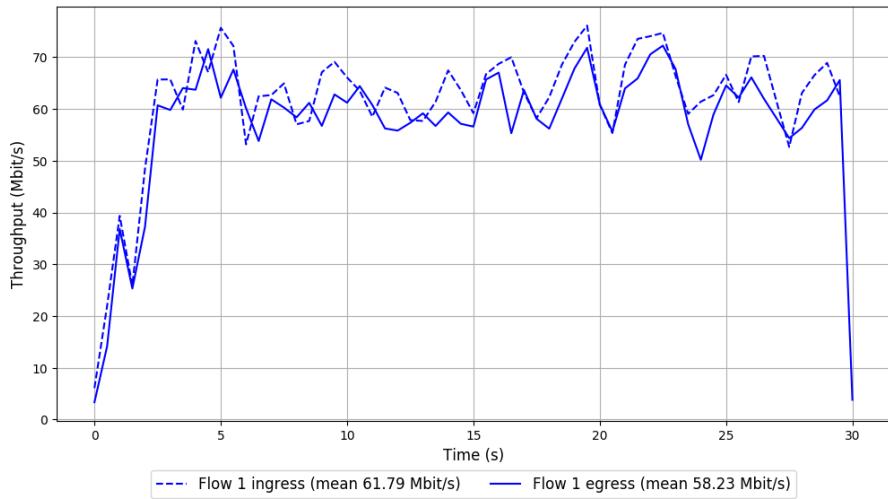


```
Run 1: Statistics of TaoVA-100x

Start at: 2017-08-21 21:21:02
End at: 2017-08-21 21:21:32
Local clock offset: 0.45 ms
Remote clock offset: -1.137 ms

# Below is generated by plot.py at 2017-08-22 01:11:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.23 Mbit/s
95th percentile per-packet one-way delay: 53.800 ms
Loss rate: 5.74%
-- Flow 1:
Average throughput: 58.23 Mbit/s
95th percentile per-packet one-way delay: 53.800 ms
Loss rate: 5.74%
```

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

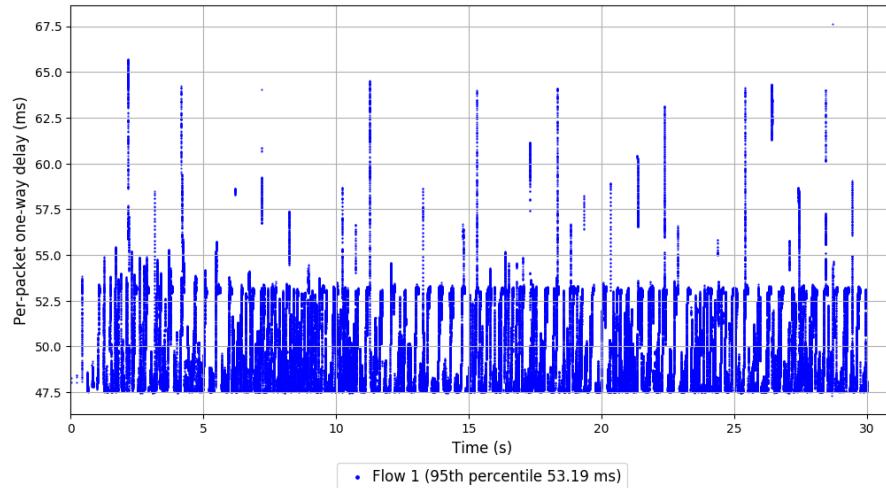
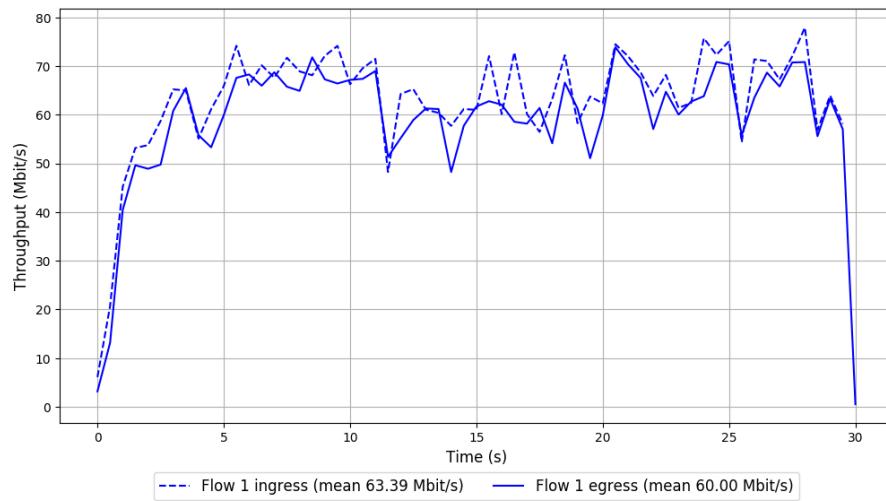


Run 2: Statistics of TaoVA-100x

```
Start at: 2017-08-21 21:42:10
End at: 2017-08-21 21:42:40
Local clock offset: 0.595 ms
Remote clock offset: -1.441 ms

# Below is generated by plot.py at 2017-08-22 01:11:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.00 Mbit/s
95th percentile per-packet one-way delay: 53.186 ms
Loss rate: 5.34%
-- Flow 1:
Average throughput: 60.00 Mbit/s
95th percentile per-packet one-way delay: 53.186 ms
Loss rate: 5.34%
```

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

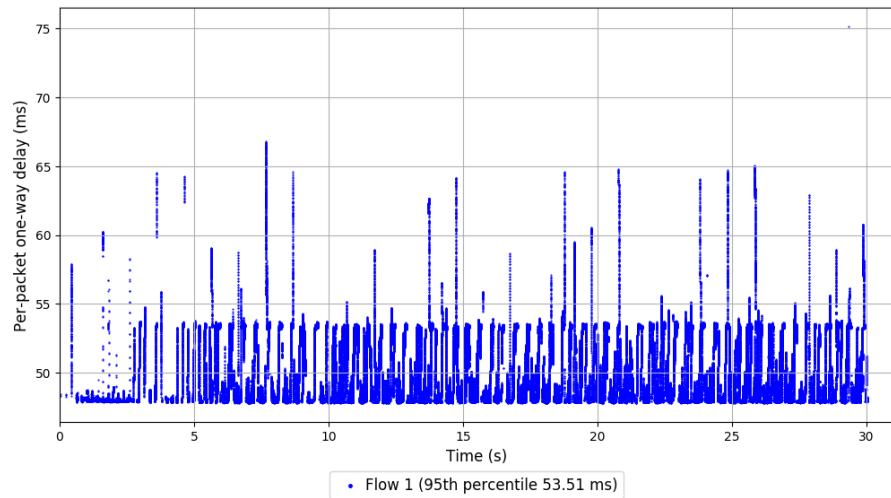
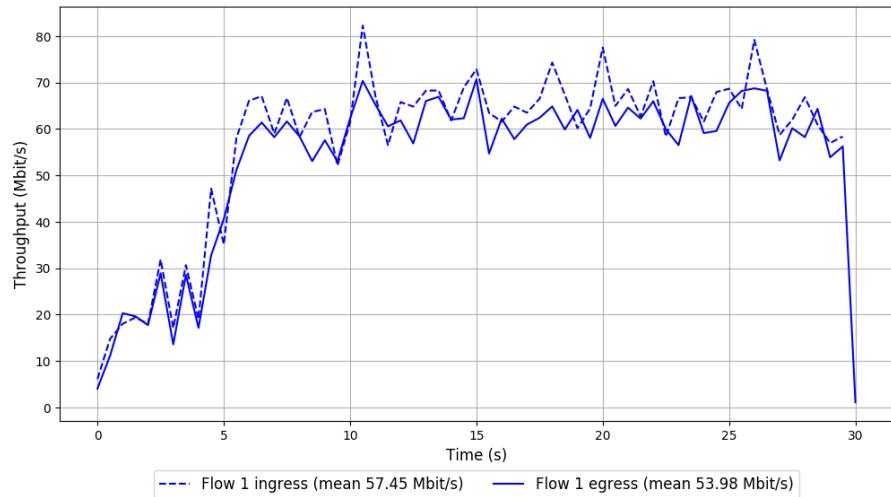


Run 3: Statistics of TaoVA-100x

```
Start at: 2017-08-21 22:03:19
End at: 2017-08-21 22:03:49
Local clock offset: 0.423 ms
Remote clock offset: -1.485 ms

# Below is generated by plot.py at 2017-08-22 01:11:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.98 Mbit/s
95th percentile per-packet one-way delay: 53.510 ms
Loss rate: 6.06%
-- Flow 1:
Average throughput: 53.98 Mbit/s
95th percentile per-packet one-way delay: 53.510 ms
Loss rate: 6.06%
```

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

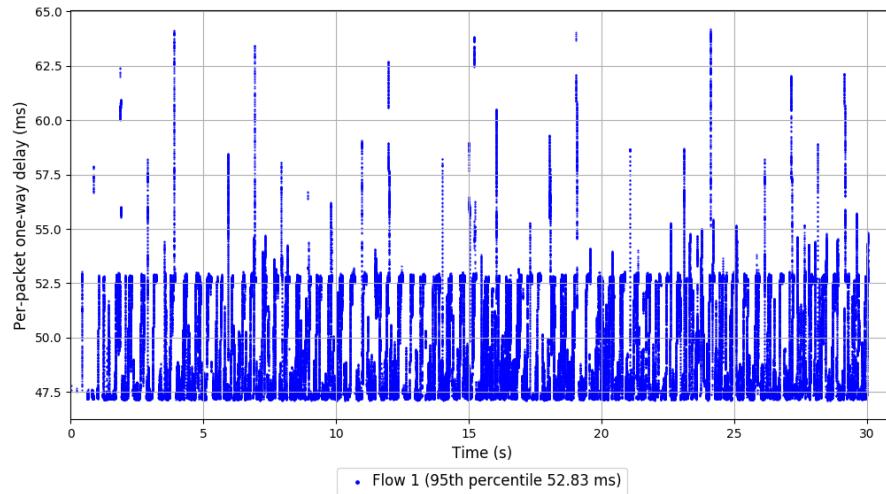
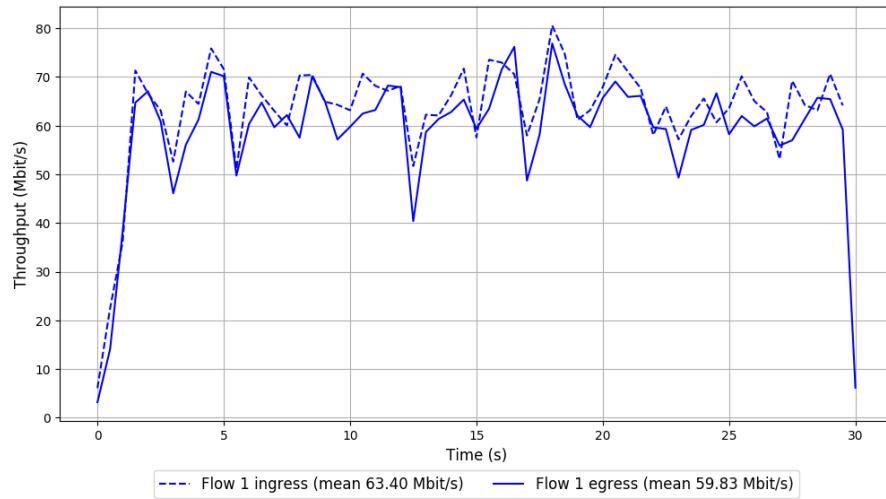


Run 4: Statistics of TaoVA-100x

```
Start at: 2017-08-21 22:24:30
End at: 2017-08-21 22:25:00
Local clock offset: 1.151 ms
Remote clock offset: -1.728 ms

# Below is generated by plot.py at 2017-08-22 01:11:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.83 Mbit/s
95th percentile per-packet one-way delay: 52.833 ms
Loss rate: 5.62%
-- Flow 1:
Average throughput: 59.83 Mbit/s
95th percentile per-packet one-way delay: 52.833 ms
Loss rate: 5.62%
```

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

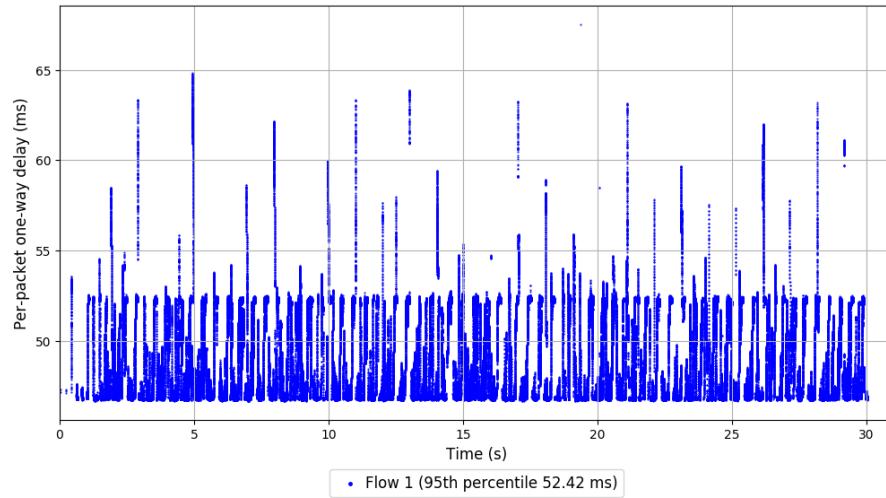
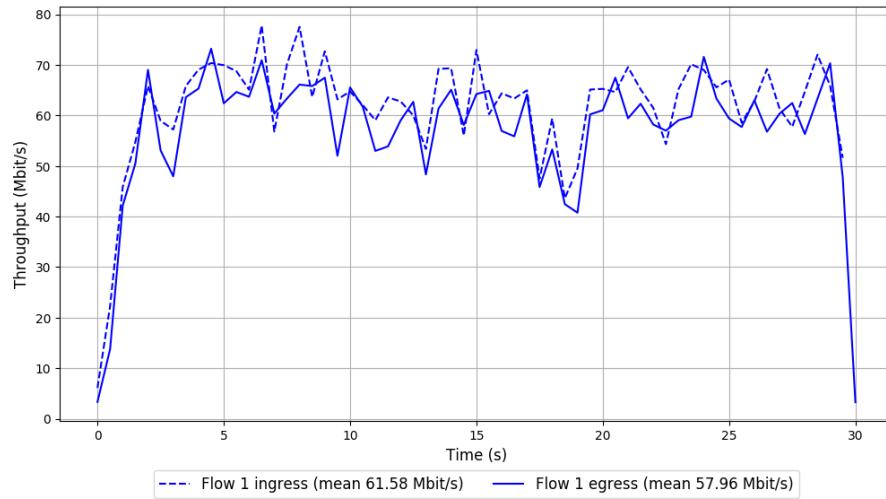


Run 5: Statistics of TaoVA-100x

```
Start at: 2017-08-21 22:46:22
End at: 2017-08-21 22:46:52
Local clock offset: 1.603 ms
Remote clock offset: -1.632 ms

# Below is generated by plot.py at 2017-08-22 01:12:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.96 Mbit/s
95th percentile per-packet one-way delay: 52.421 ms
Loss rate: 5.91%
-- Flow 1:
Average throughput: 57.96 Mbit/s
95th percentile per-packet one-way delay: 52.421 ms
Loss rate: 5.91%
```

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

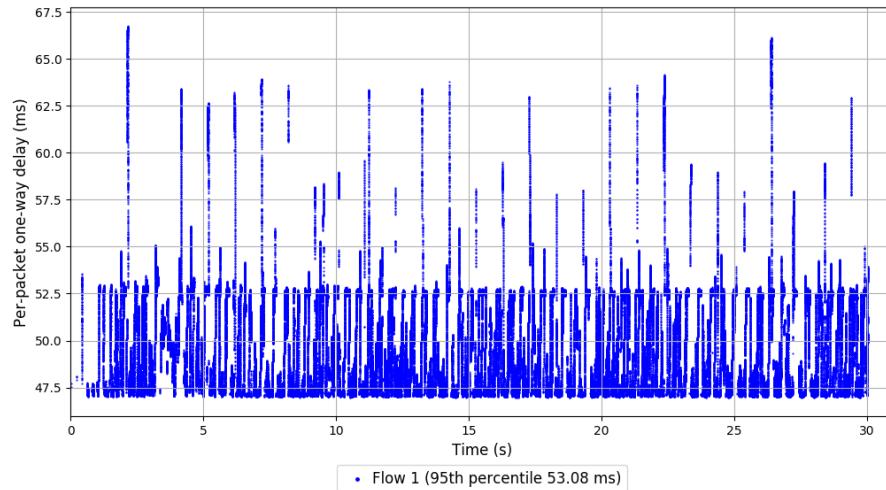
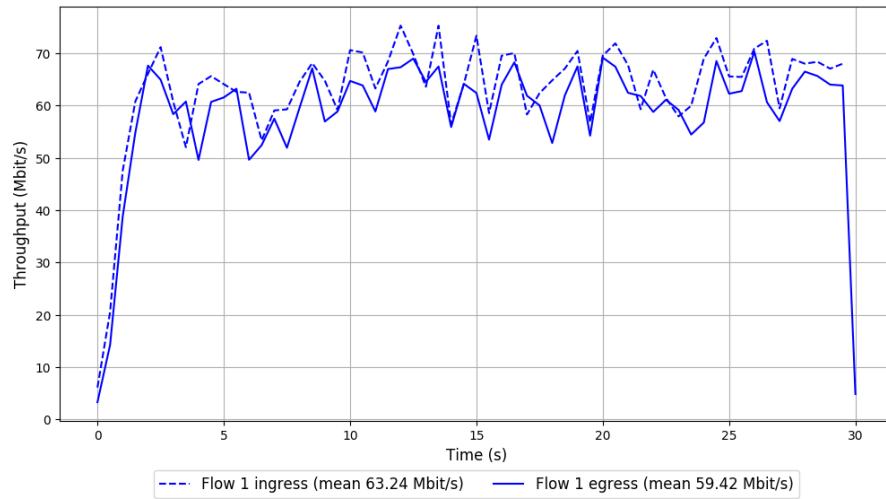


Run 6: Statistics of TaoVA-100x

```
Start at: 2017-08-21 23:06:27
End at: 2017-08-21 23:06:57
Local clock offset: 1.592 ms
Remote clock offset: -1.704 ms

# Below is generated by plot.py at 2017-08-22 01:12:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.42 Mbit/s
95th percentile per-packet one-way delay: 53.078 ms
Loss rate: 6.04%
-- Flow 1:
Average throughput: 59.42 Mbit/s
95th percentile per-packet one-way delay: 53.078 ms
Loss rate: 6.04%
```

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

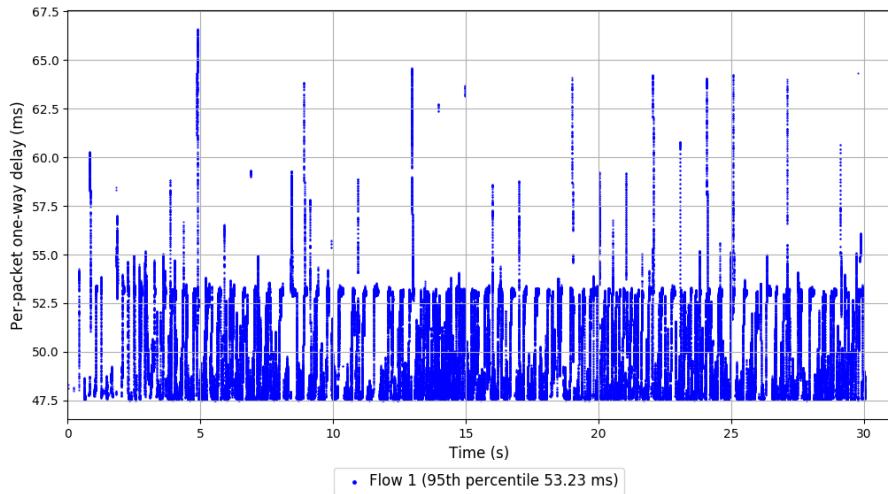
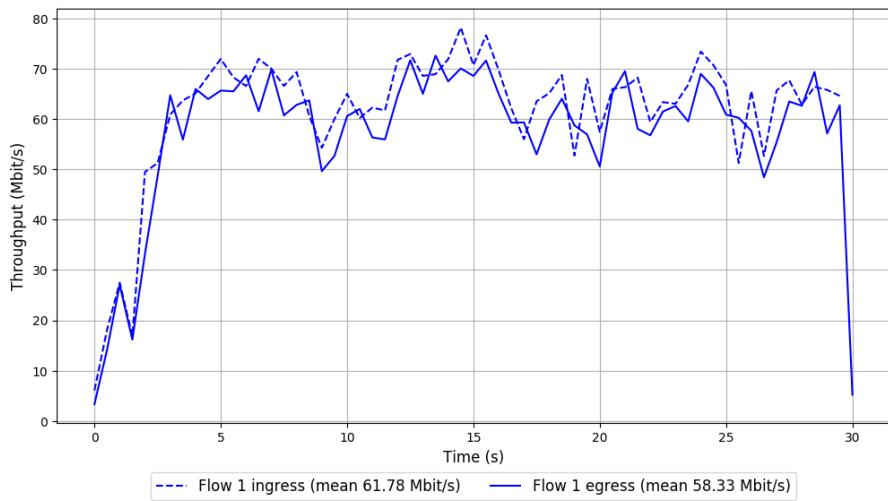


Run 7: Statistics of TaoVA-100x

```
Start at: 2017-08-21 23:28:11
End at: 2017-08-21 23:28:41
Local clock offset: 0.862 ms
Remote clock offset: -1.725 ms

# Below is generated by plot.py at 2017-08-22 01:12:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.33 Mbit/s
95th percentile per-packet one-way delay: 53.227 ms
Loss rate: 5.59%
-- Flow 1:
Average throughput: 58.33 Mbit/s
95th percentile per-packet one-way delay: 53.227 ms
Loss rate: 5.59%
```

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

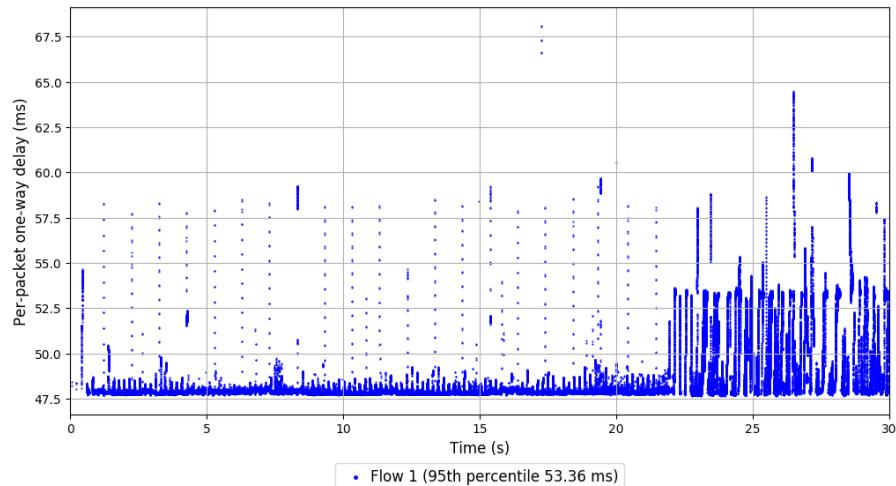
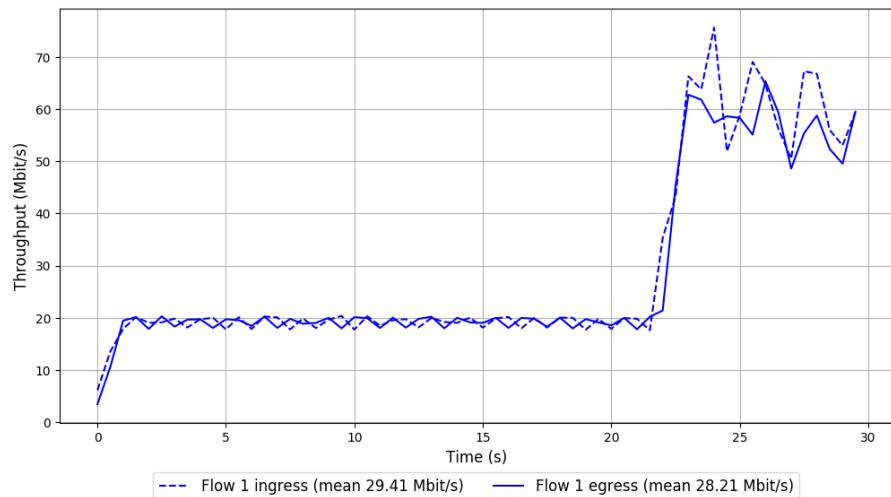


Run 8: Statistics of TaoVA-100x

```
Start at: 2017-08-21 23:48:41
End at: 2017-08-21 23:49:11
Local clock offset: 1.019 ms
Remote clock offset: -1.771 ms

# Below is generated by plot.py at 2017-08-22 01:12:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.21 Mbit/s
95th percentile per-packet one-way delay: 53.361 ms
Loss rate: 4.09%
-- Flow 1:
Average throughput: 28.21 Mbit/s
95th percentile per-packet one-way delay: 53.361 ms
Loss rate: 4.09%
```

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

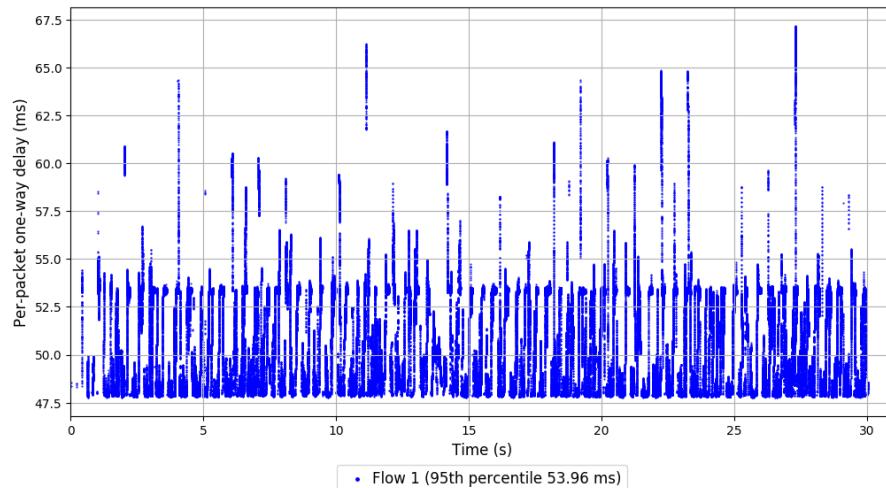
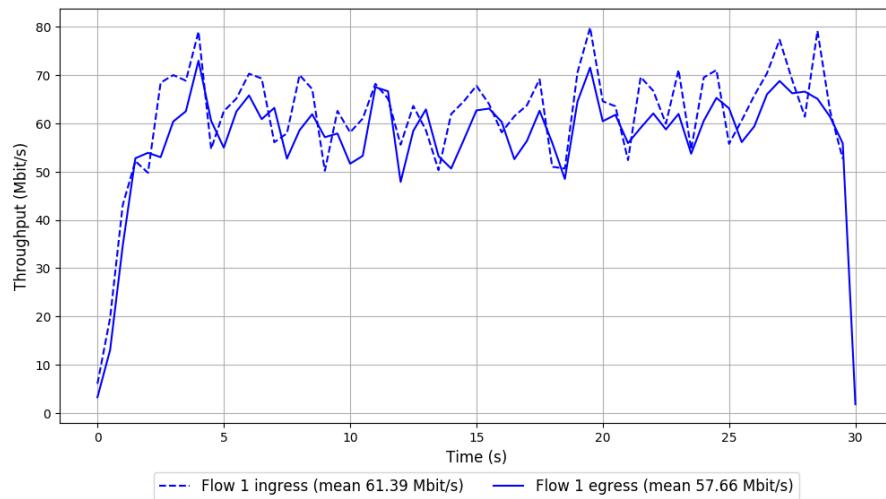


Run 9: Statistics of TaoVA-100x

```
Start at: 2017-08-22 00:09:01
End at: 2017-08-22 00:09:31
Local clock offset: 0.968 ms
Remote clock offset: -1.712 ms

# Below is generated by plot.py at 2017-08-22 01:12:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.66 Mbit/s
95th percentile per-packet one-way delay: 53.956 ms
Loss rate: 6.09%
-- Flow 1:
Average throughput: 57.66 Mbit/s
95th percentile per-packet one-way delay: 53.956 ms
Loss rate: 6.09%
```

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

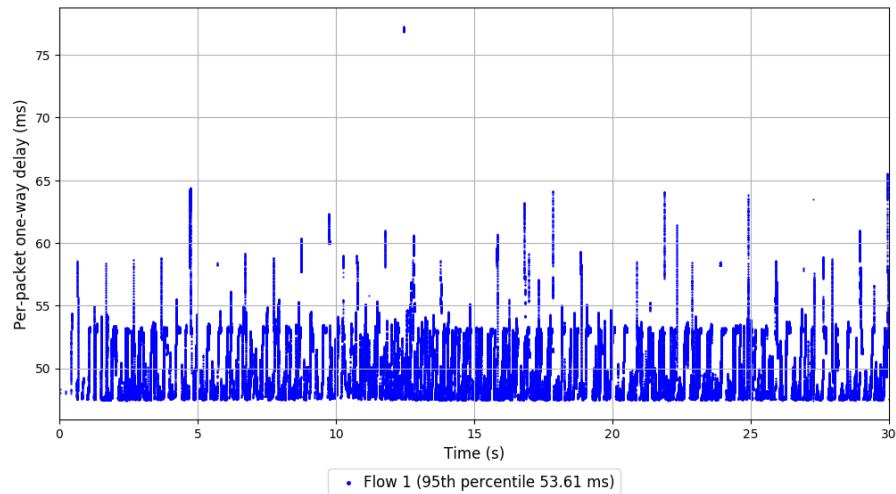
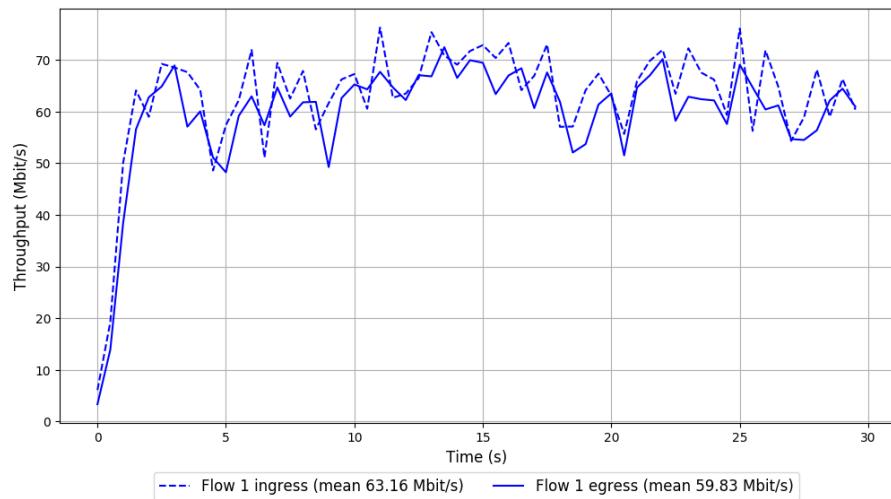


Run 10: Statistics of TaoVA-100x

```
Start at: 2017-08-22 00:30:03
End at: 2017-08-22 00:30:33
Local clock offset: 1.401 ms
Remote clock offset: -1.643 ms

# Below is generated by plot.py at 2017-08-22 01:12:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.83 Mbit/s
95th percentile per-packet one-way delay: 53.608 ms
Loss rate: 5.27%
-- Flow 1:
Average throughput: 59.83 Mbit/s
95th percentile per-packet one-way delay: 53.608 ms
Loss rate: 5.27%
```

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

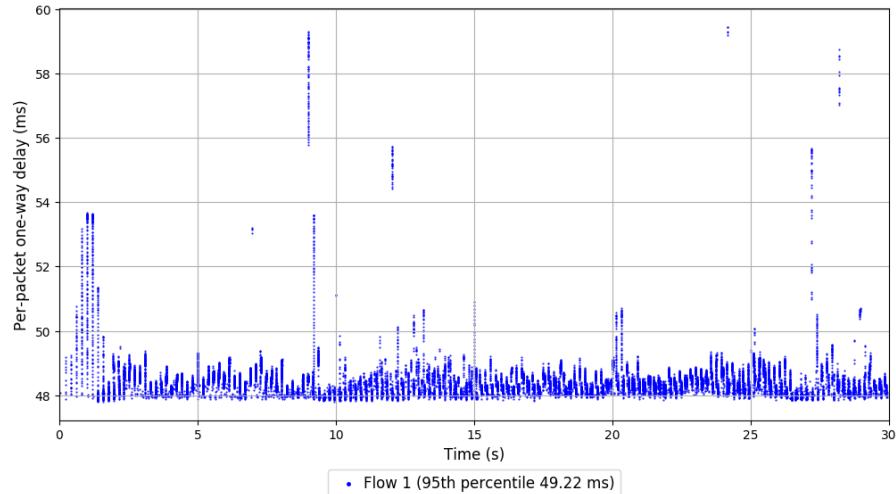
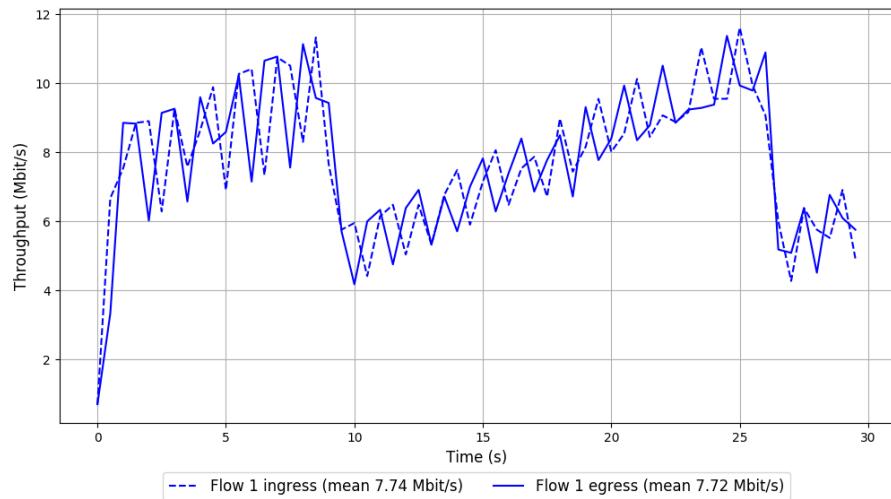


Run 1: Statistics of TCP Vegas

```
Start at: 2017-08-21 21:19:48
End at: 2017-08-21 21:20:19
Local clock offset: 0.464 ms
Remote clock offset: -1.067 ms

# Below is generated by plot.py at 2017-08-22 01:12:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.72 Mbit/s
95th percentile per-packet one-way delay: 49.216 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 7.72 Mbit/s
95th percentile per-packet one-way delay: 49.216 ms
Loss rate: 0.48%
```

Run 1: Report of TCP Vegas — Data Link

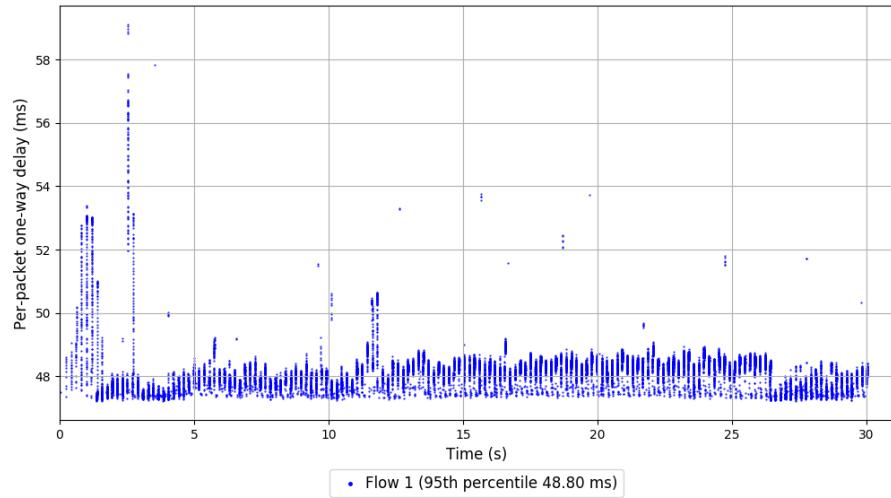
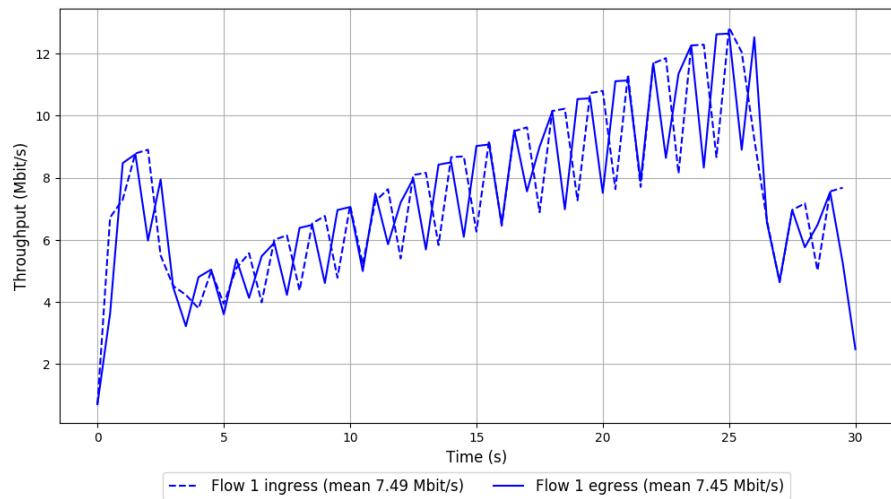


Run 2: Statistics of TCP Vegas

```
Start at: 2017-08-21 21:40:51
End at: 2017-08-21 21:41:21
Local clock offset: 0.9 ms
Remote clock offset: -1.408 ms

# Below is generated by plot.py at 2017-08-22 01:12:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.45 Mbit/s
95th percentile per-packet one-way delay: 48.805 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 7.45 Mbit/s
95th percentile per-packet one-way delay: 48.805 ms
Loss rate: 0.55%
```

Run 2: Report of TCP Vegas — Data Link

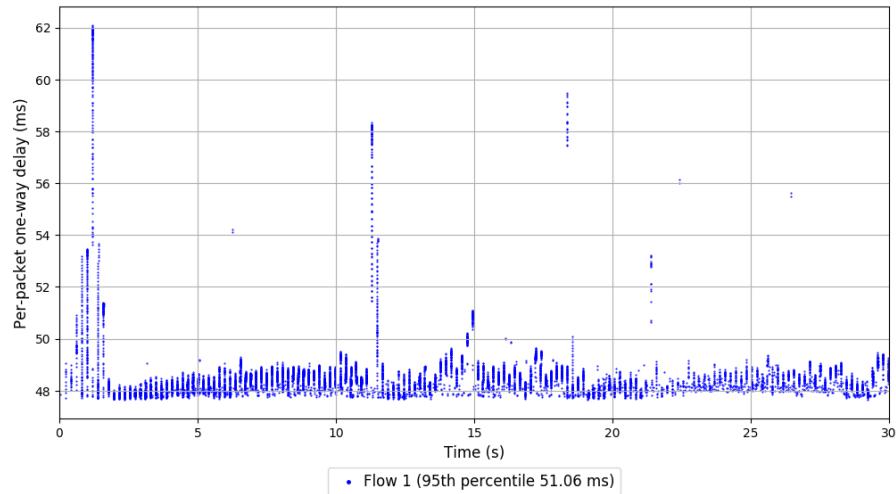
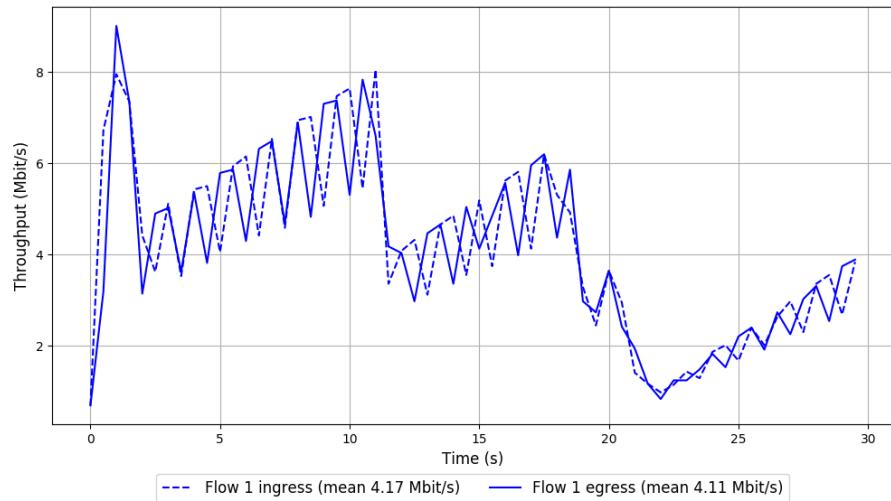


Run 3: Statistics of TCP Vegas

```
Start at: 2017-08-21 22:02:04
End at: 2017-08-21 22:02:34
Local clock offset: 1.024 ms
Remote clock offset: -1.377 ms

# Below is generated by plot.py at 2017-08-22 01:12:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.11 Mbit/s
95th percentile per-packet one-way delay: 51.064 ms
Loss rate: 1.29%
-- Flow 1:
Average throughput: 4.11 Mbit/s
95th percentile per-packet one-way delay: 51.064 ms
Loss rate: 1.29%
```

Run 3: Report of TCP Vegas — Data Link

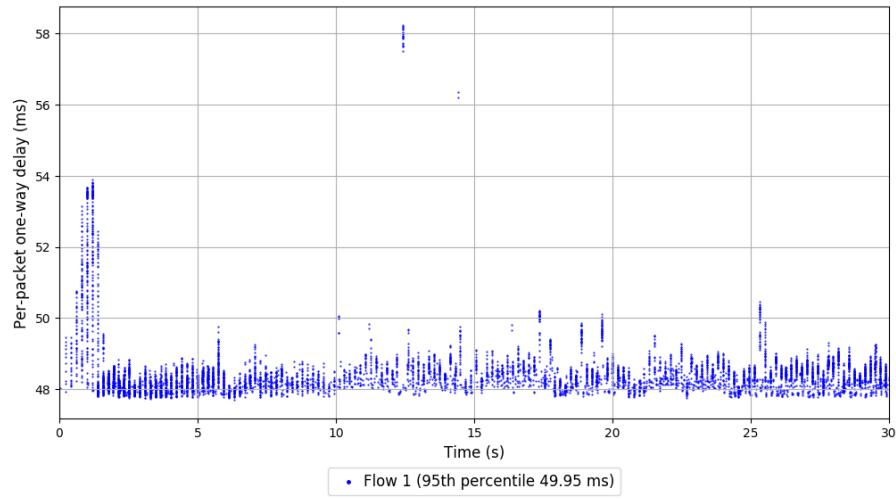
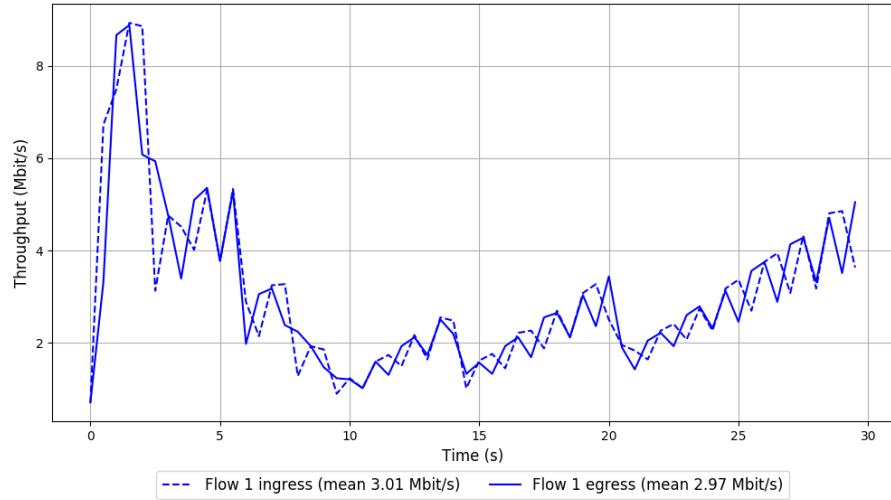


Run 4: Statistics of TCP Vegas

```
Start at: 2017-08-21 22:23:13
End at: 2017-08-21 22:23:43
Local clock offset: 0.862 ms
Remote clock offset: -1.727 ms

# Below is generated by plot.py at 2017-08-22 01:12:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.97 Mbit/s
95th percentile per-packet one-way delay: 49.955 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 2.97 Mbit/s
95th percentile per-packet one-way delay: 49.955 ms
Loss rate: 1.33%
```

Run 4: Report of TCP Vegas — Data Link

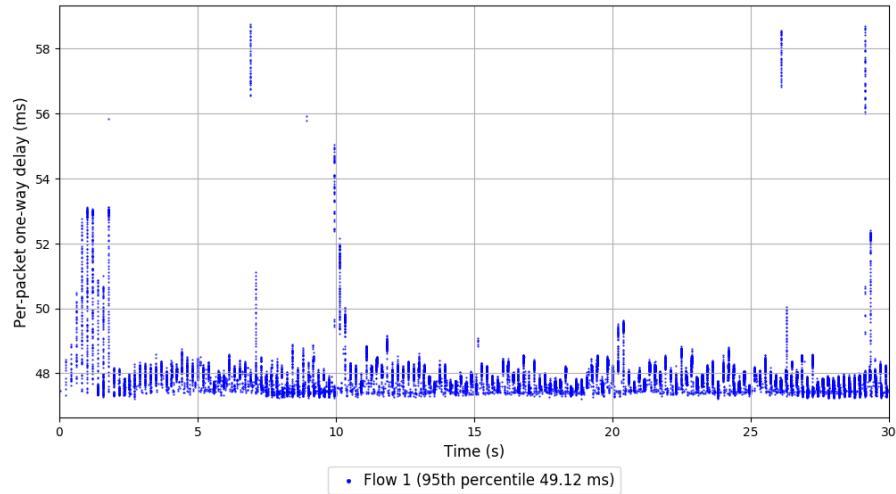
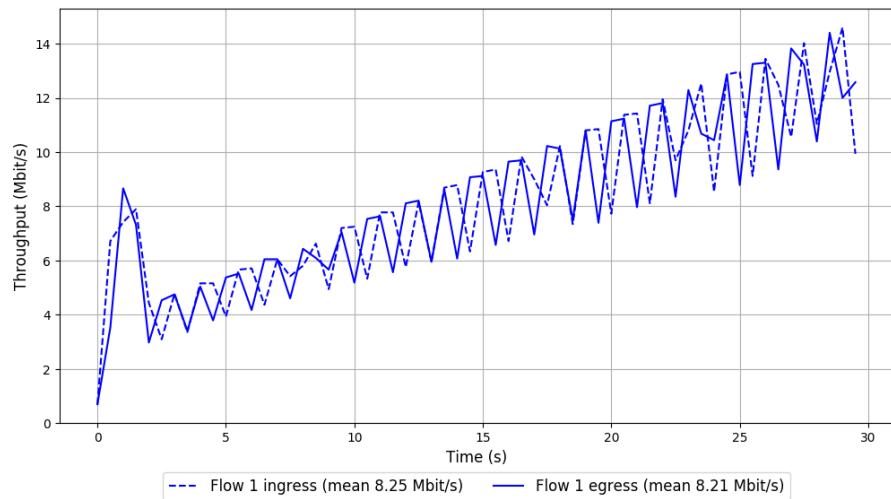


Run 5: Statistics of TCP Vegas

```
Start at: 2017-08-21 22:45:07
End at: 2017-08-21 22:45:37
Local clock offset: 1.081 ms
Remote clock offset: -1.664 ms

# Below is generated by plot.py at 2017-08-22 01:12:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.21 Mbit/s
95th percentile per-packet one-way delay: 49.124 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 8.21 Mbit/s
95th percentile per-packet one-way delay: 49.124 ms
Loss rate: 0.51%
```

Run 5: Report of TCP Vegas — Data Link

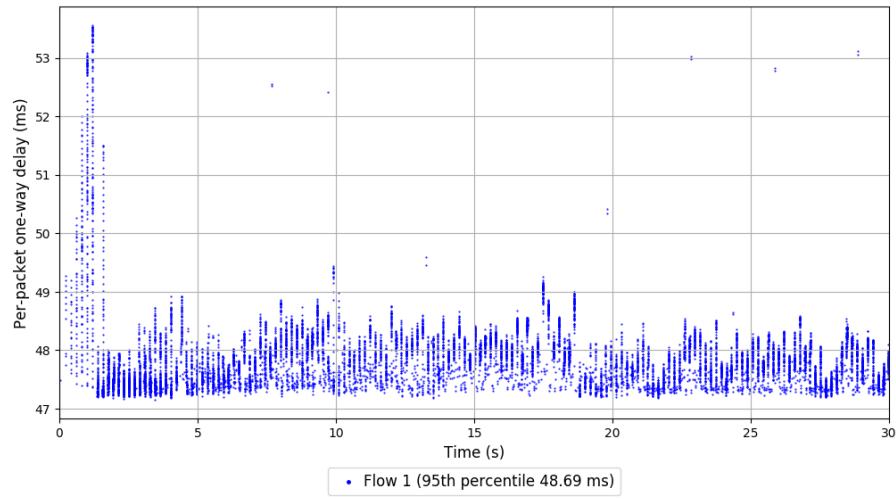
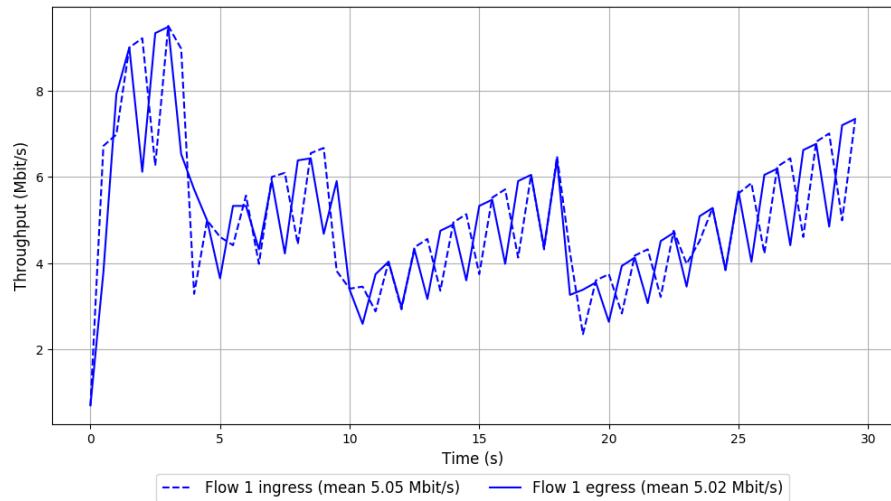


Run 6: Statistics of TCP Vegas

```
Start at: 2017-08-21 23:05:13
End at: 2017-08-21 23:05:43
Local clock offset: 1.133 ms
Remote clock offset: -1.752 ms

# Below is generated by plot.py at 2017-08-22 01:12:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.02 Mbit/s
95th percentile per-packet one-way delay: 48.693 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 5.02 Mbit/s
95th percentile per-packet one-way delay: 48.693 ms
Loss rate: 0.69%
```

Run 6: Report of TCP Vegas — Data Link

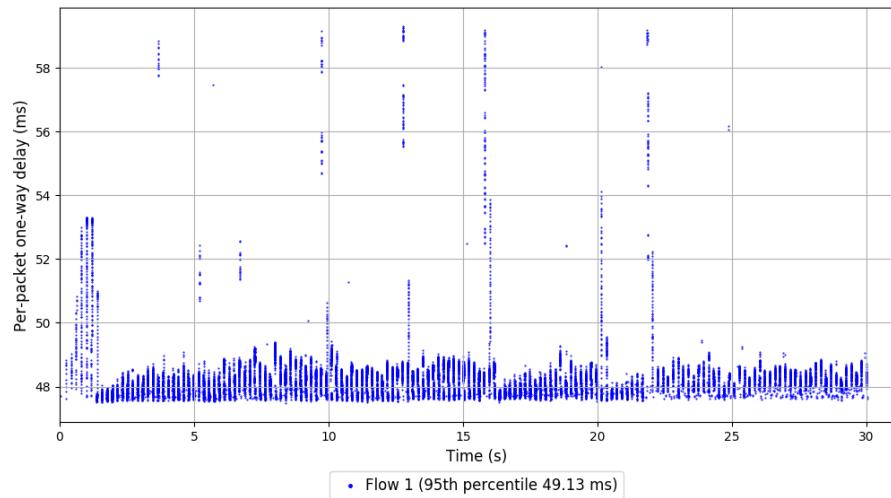
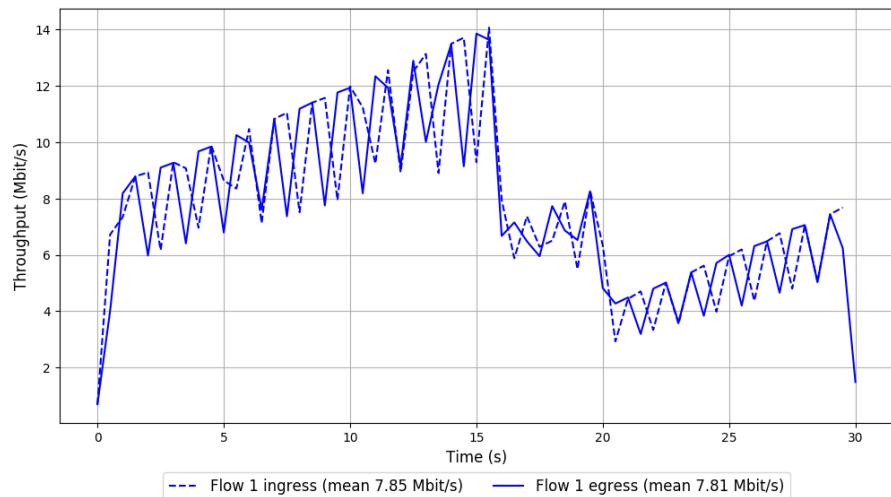


Run 7: Statistics of TCP Vegas

```
Start at: 2017-08-21 23:26:53
End at: 2017-08-21 23:27:23
Local clock offset: 0.872 ms
Remote clock offset: -1.734 ms

# Below is generated by plot.py at 2017-08-22 01:12:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.81 Mbit/s
95th percentile per-packet one-way delay: 49.129 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 7.81 Mbit/s
95th percentile per-packet one-way delay: 49.129 ms
Loss rate: 0.53%
```

Run 7: Report of TCP Vegas — Data Link

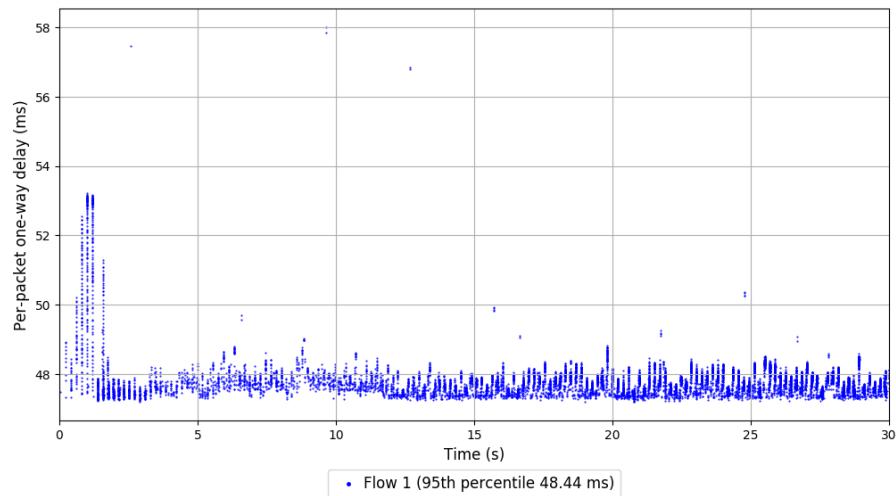
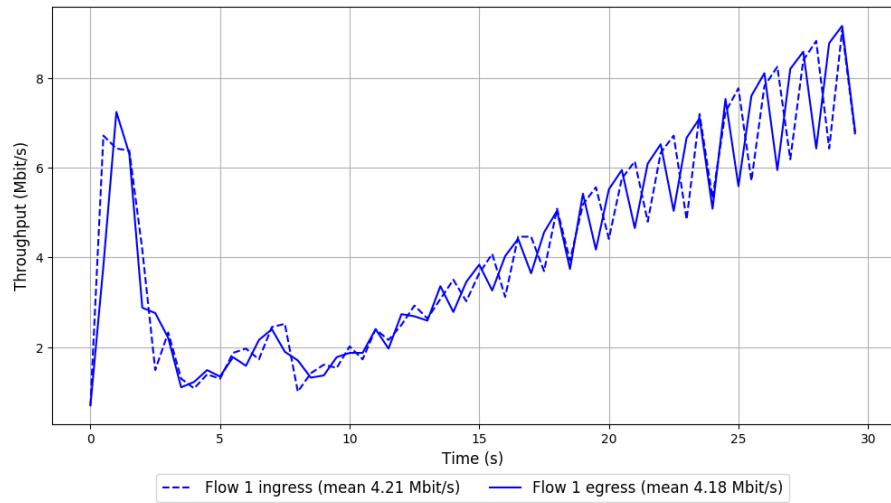


Run 8: Statistics of TCP Vegas

```
Start at: 2017-08-21 23:47:23
End at: 2017-08-21 23:47:53
Local clock offset: 1.316 ms
Remote clock offset: -1.695 ms

# Below is generated by plot.py at 2017-08-22 01:12:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.18 Mbit/s
95th percentile per-packet one-way delay: 48.436 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 4.18 Mbit/s
95th percentile per-packet one-way delay: 48.436 ms
Loss rate: 0.89%
```

Run 8: Report of TCP Vegas — Data Link

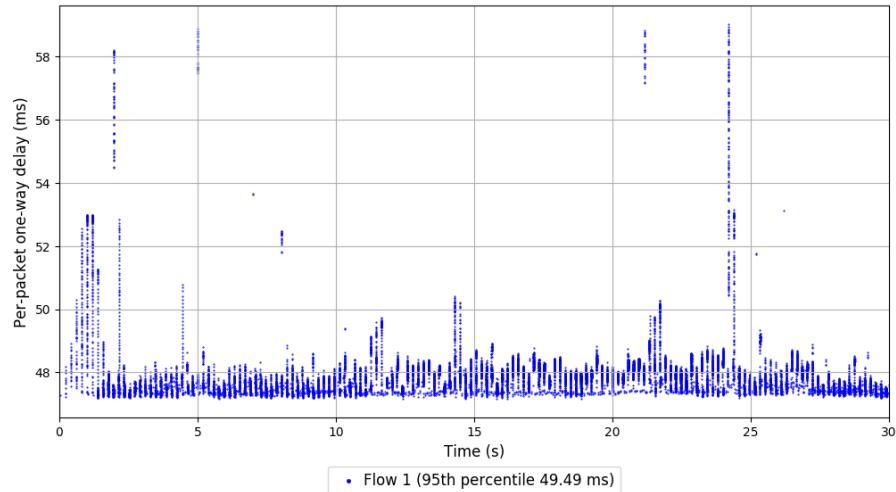
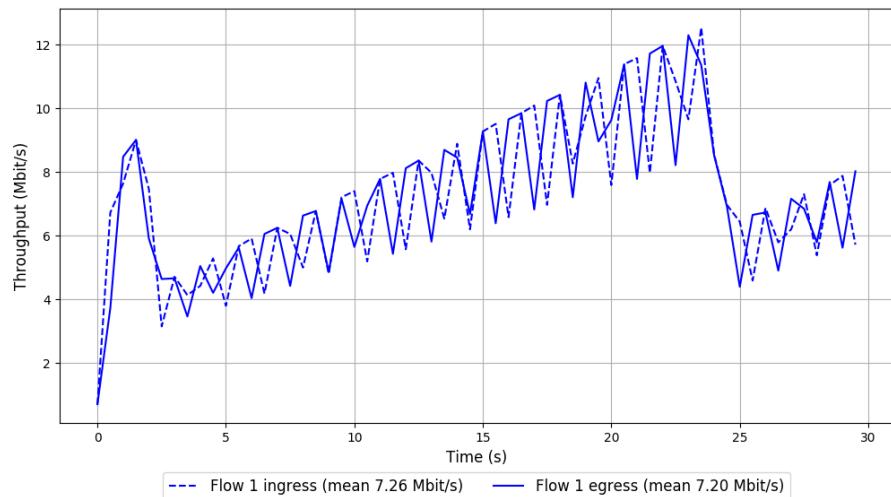


Run 9: Statistics of TCP Vegas

```
Start at: 2017-08-22 00:07:45
End at: 2017-08-22 00:08:15
Local clock offset: 1.37 ms
Remote clock offset: -1.723 ms

# Below is generated by plot.py at 2017-08-22 01:12:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.20 Mbit/s
95th percentile per-packet one-way delay: 49.486 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 7.20 Mbit/s
95th percentile per-packet one-way delay: 49.486 ms
Loss rate: 0.80%
```

Run 9: Report of TCP Vegas — Data Link

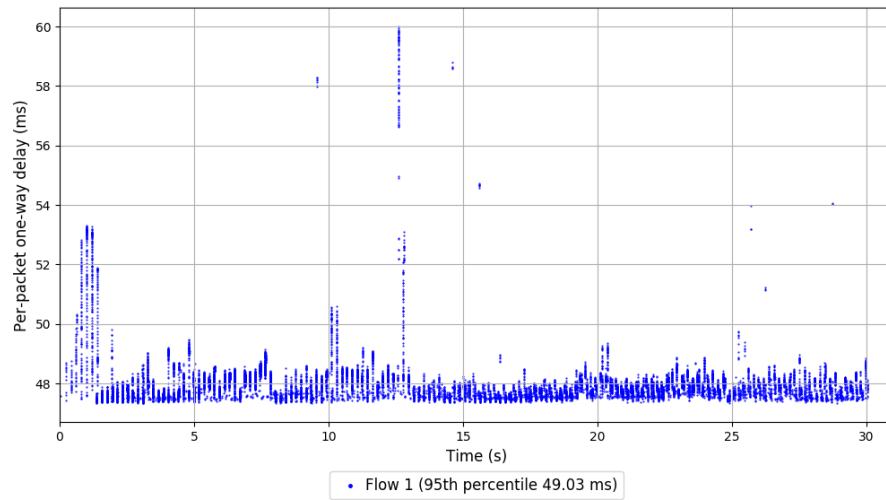
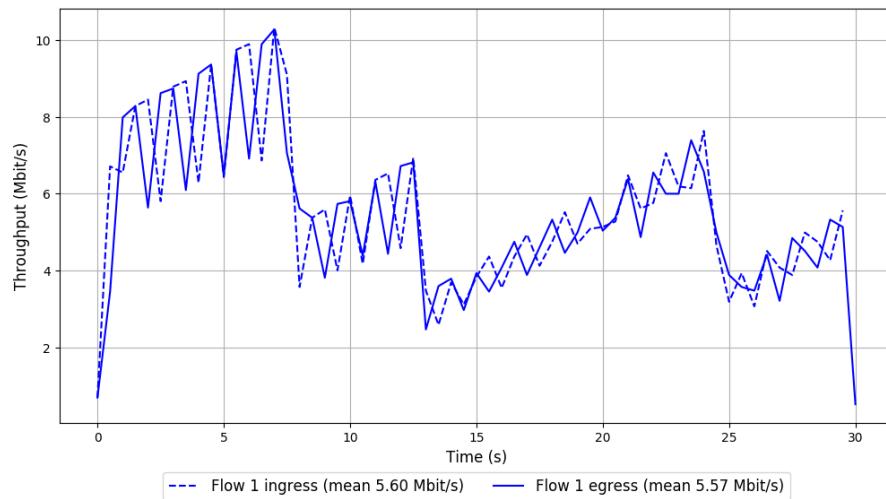


Run 10: Statistics of TCP Vegas

```
Start at: 2017-08-22 00:28:49
End at: 2017-08-22 00:29:19
Local clock offset: 1.363 ms
Remote clock offset: -1.574 ms

# Below is generated by plot.py at 2017-08-22 01:12:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.57 Mbit/s
95th percentile per-packet one-way delay: 49.028 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 5.57 Mbit/s
95th percentile per-packet one-way delay: 49.028 ms
Loss rate: 0.56%
```

Run 10: Report of TCP Vegas — Data Link

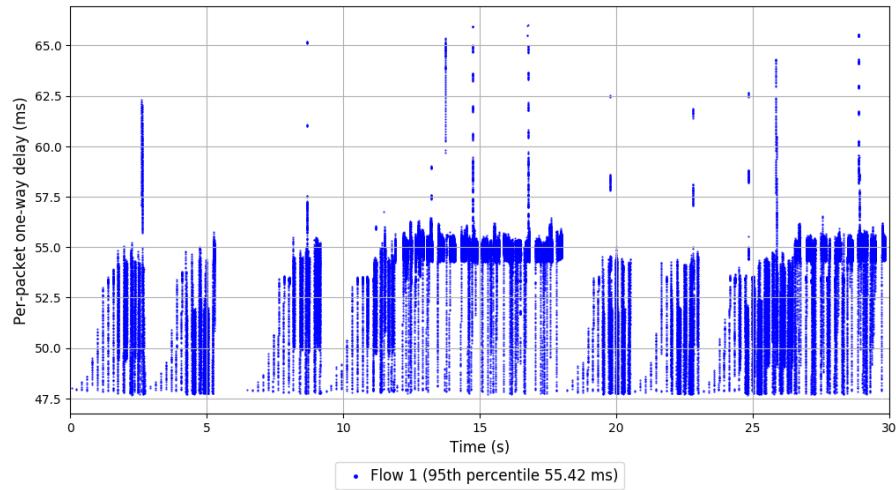
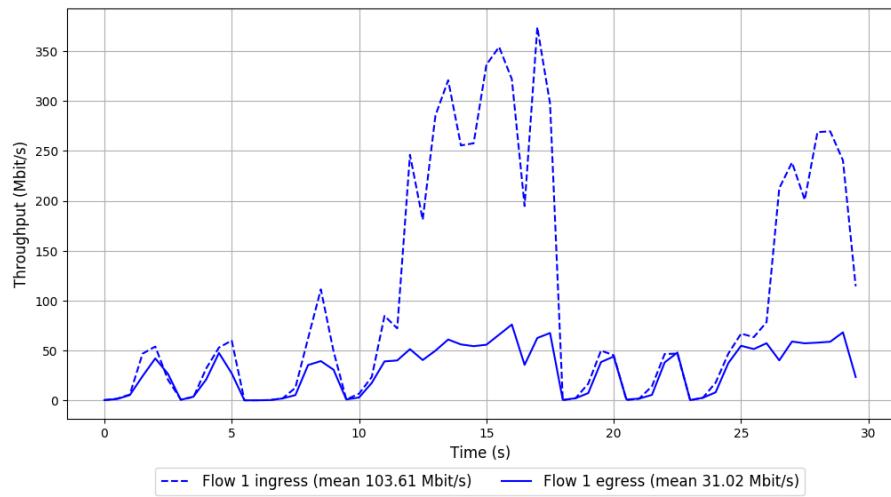


Run 1: Statistics of Verus

```
Start at: 2017-08-21 21:27:26
End at: 2017-08-21 21:27:56
Local clock offset: 0.595 ms
Remote clock offset: -1.209 ms

# Below is generated by plot.py at 2017-08-22 01:12:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.02 Mbit/s
95th percentile per-packet one-way delay: 55.423 ms
Loss rate: 70.06%
-- Flow 1:
Average throughput: 31.02 Mbit/s
95th percentile per-packet one-way delay: 55.423 ms
Loss rate: 70.06%
```

Run 1: Report of Verus — Data Link

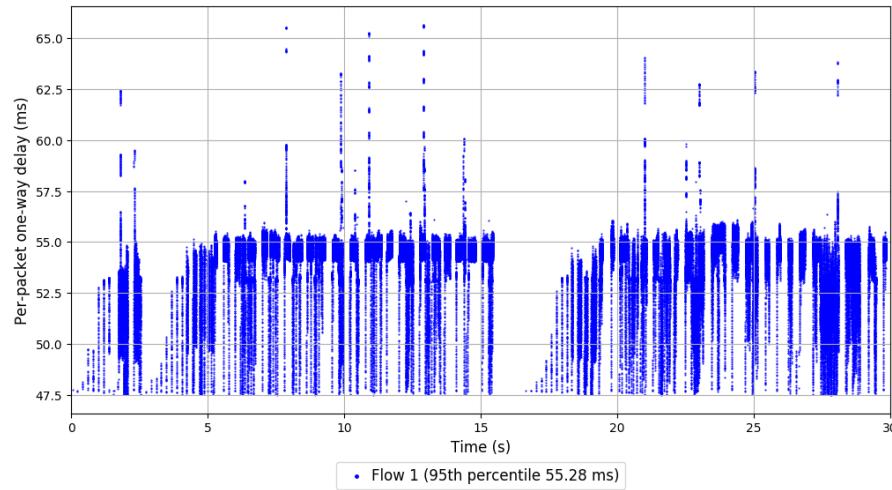
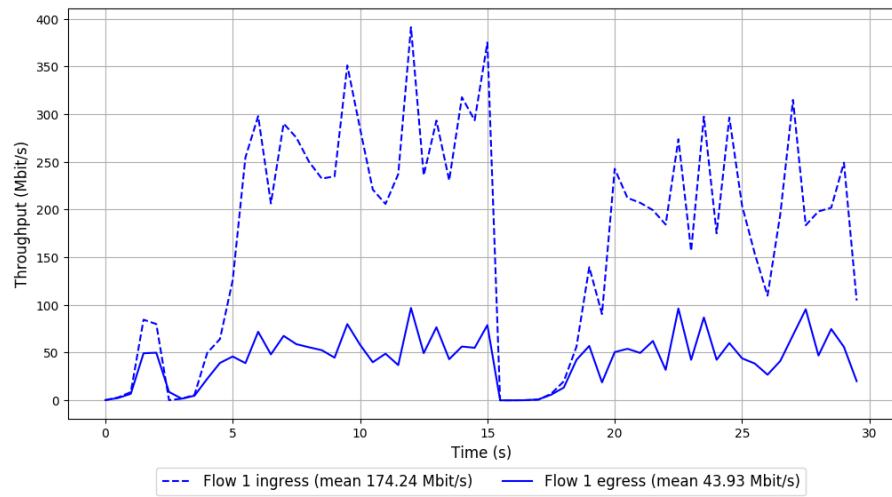


Run 2: Statistics of Verus

```
Start at: 2017-08-21 21:48:17
End at: 2017-08-21 21:48:47
Local clock offset: 0.689 ms
Remote clock offset: -1.421 ms

# Below is generated by plot.py at 2017-08-22 01:12:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.93 Mbit/s
95th percentile per-packet one-way delay: 55.281 ms
Loss rate: 74.78%
-- Flow 1:
Average throughput: 43.93 Mbit/s
95th percentile per-packet one-way delay: 55.281 ms
Loss rate: 74.78%
```

Run 2: Report of Verus — Data Link

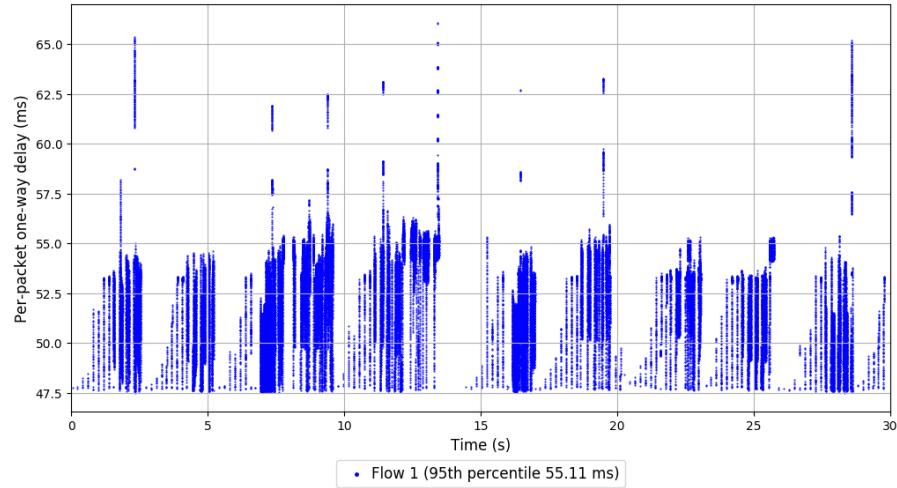
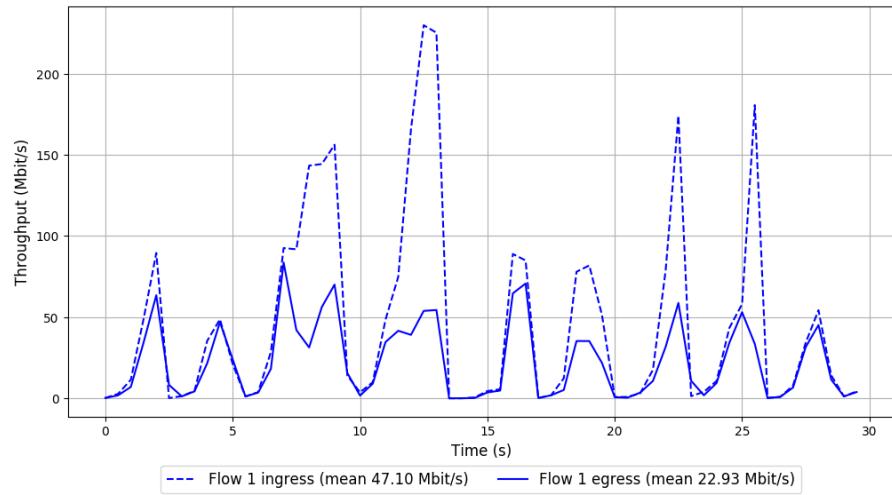


Run 3: Statistics of Verus

```
Start at: 2017-08-21 22:09:51
End at: 2017-08-21 22:10:21
Local clock offset: 0.739 ms
Remote clock offset: -1.579 ms

# Below is generated by plot.py at 2017-08-22 01:12:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.93 Mbit/s
95th percentile per-packet one-way delay: 55.111 ms
Loss rate: 51.31%
-- Flow 1:
Average throughput: 22.93 Mbit/s
95th percentile per-packet one-way delay: 55.111 ms
Loss rate: 51.31%
```

Run 3: Report of Verus — Data Link

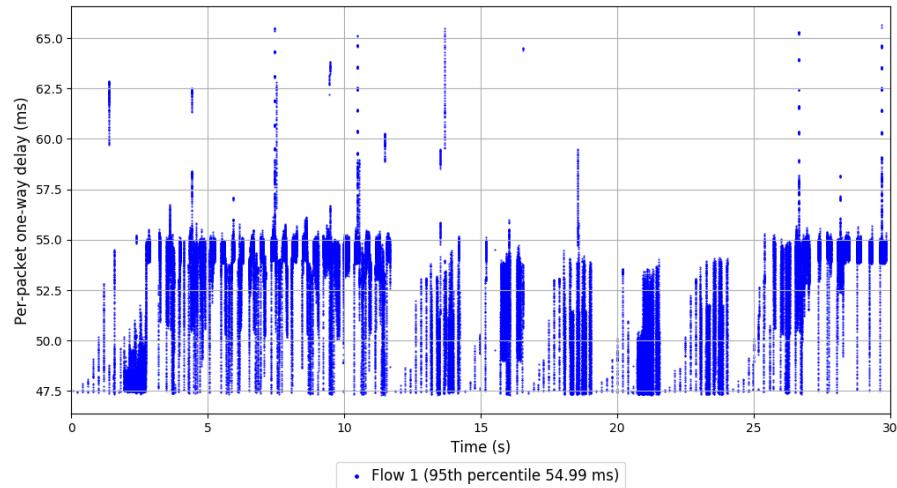
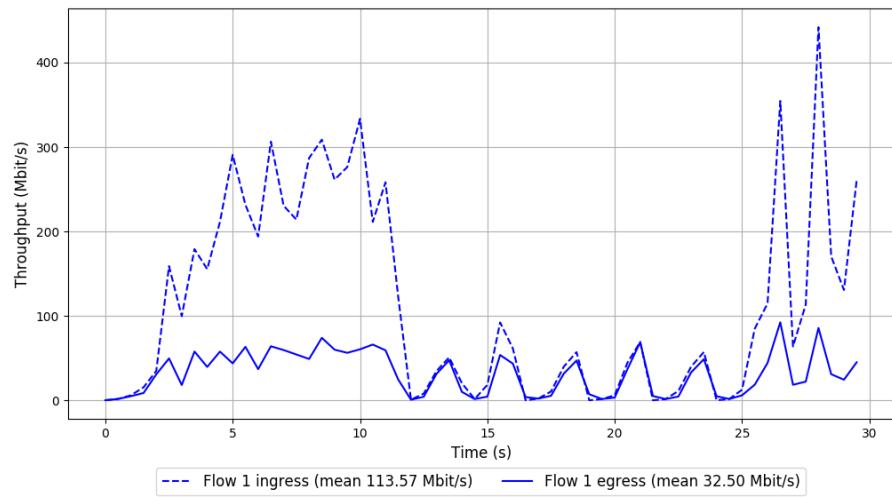


Run 4: Statistics of Verus

```
Start at: 2017-08-21 22:31:29
End at: 2017-08-21 22:31:59
Local clock offset: 1.091 ms
Remote clock offset: -1.624 ms

# Below is generated by plot.py at 2017-08-22 01:12:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.50 Mbit/s
95th percentile per-packet one-way delay: 54.989 ms
Loss rate: 71.37%
-- Flow 1:
Average throughput: 32.50 Mbit/s
95th percentile per-packet one-way delay: 54.989 ms
Loss rate: 71.37%
```

Run 4: Report of Verus — Data Link

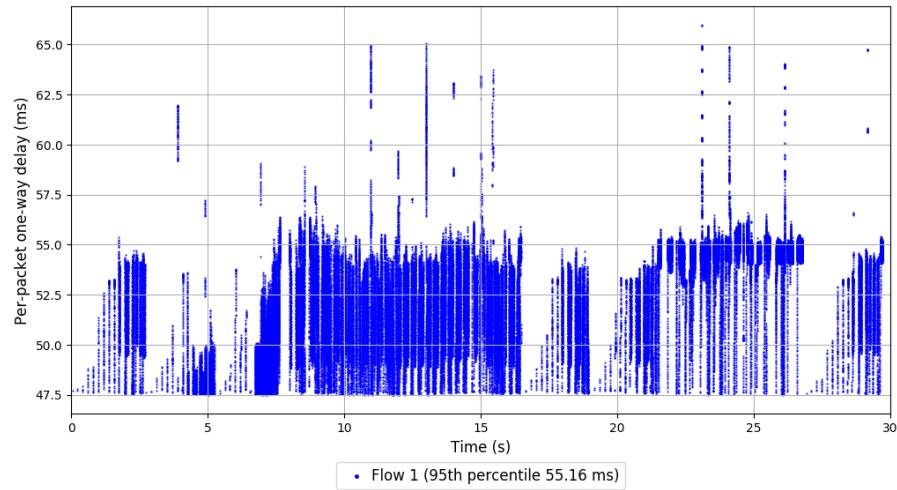
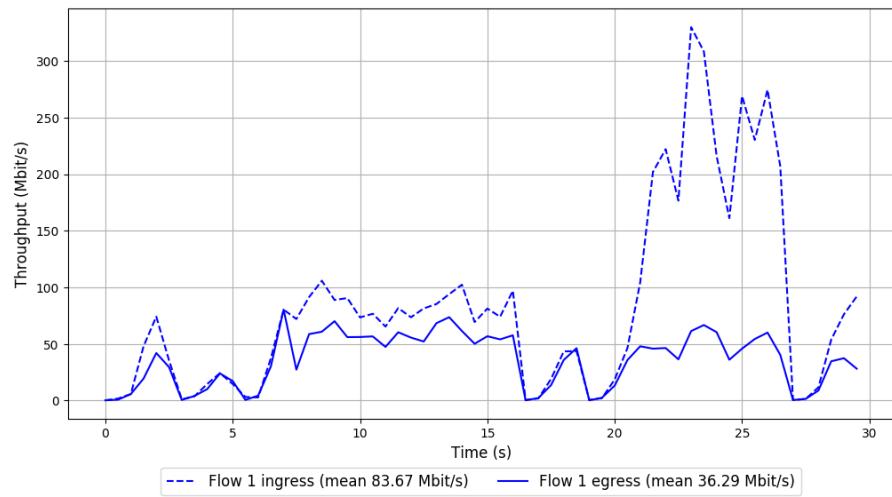


Run 5: Statistics of Verus

```
Start at: 2017-08-21 22:51:53
End at: 2017-08-21 22:52:23
Local clock offset: 0.799 ms
Remote clock offset: -1.715 ms

# Below is generated by plot.py at 2017-08-22 01:12:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.29 Mbit/s
95th percentile per-packet one-way delay: 55.156 ms
Loss rate: 56.62%
-- Flow 1:
Average throughput: 36.29 Mbit/s
95th percentile per-packet one-way delay: 55.156 ms
Loss rate: 56.62%
```

Run 5: Report of Verus — Data Link

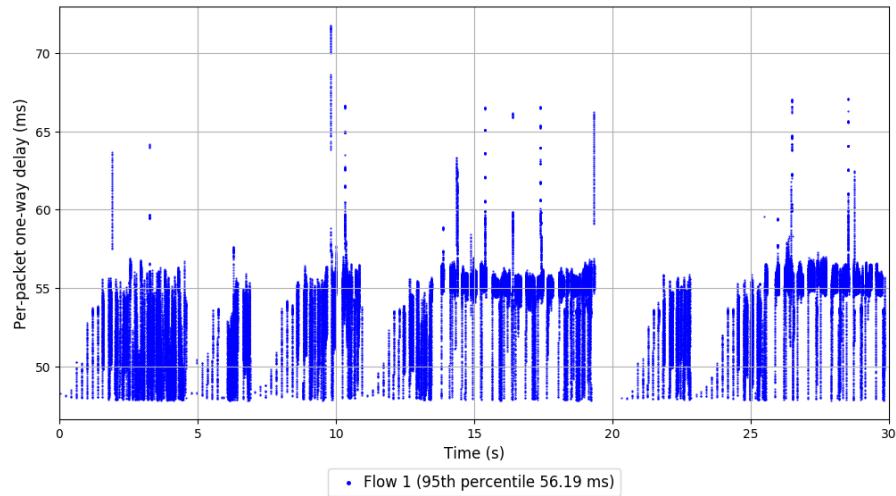
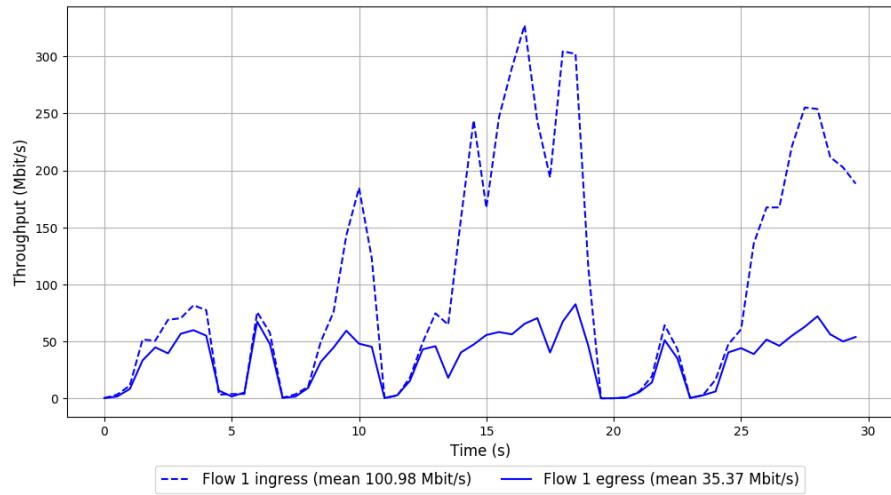


Run 6: Statistics of Verus

```
Start at: 2017-08-21 23:13:20
End at: 2017-08-21 23:13:50
Local clock offset: 0.79 ms
Remote clock offset: -1.701 ms

# Below is generated by plot.py at 2017-08-22 01:13:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.37 Mbit/s
95th percentile per-packet one-way delay: 56.190 ms
Loss rate: 64.97%
-- Flow 1:
Average throughput: 35.37 Mbit/s
95th percentile per-packet one-way delay: 56.190 ms
Loss rate: 64.97%
```

Run 6: Report of Verus — Data Link

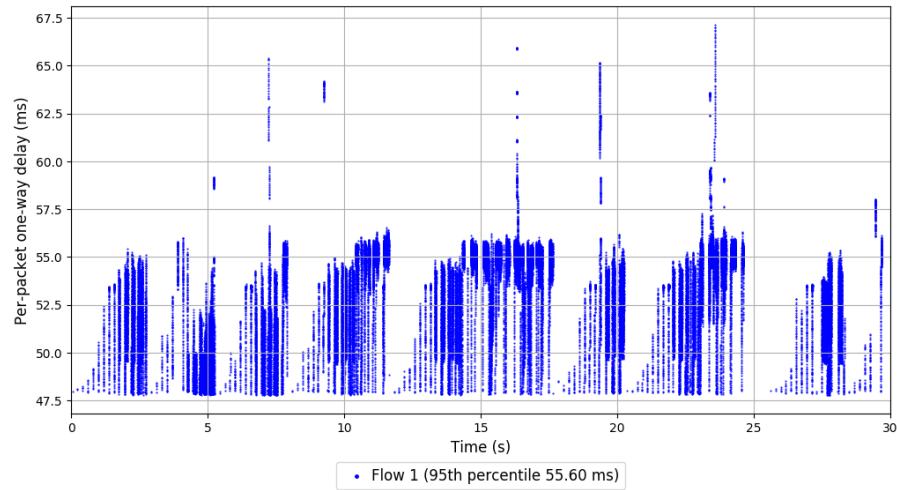
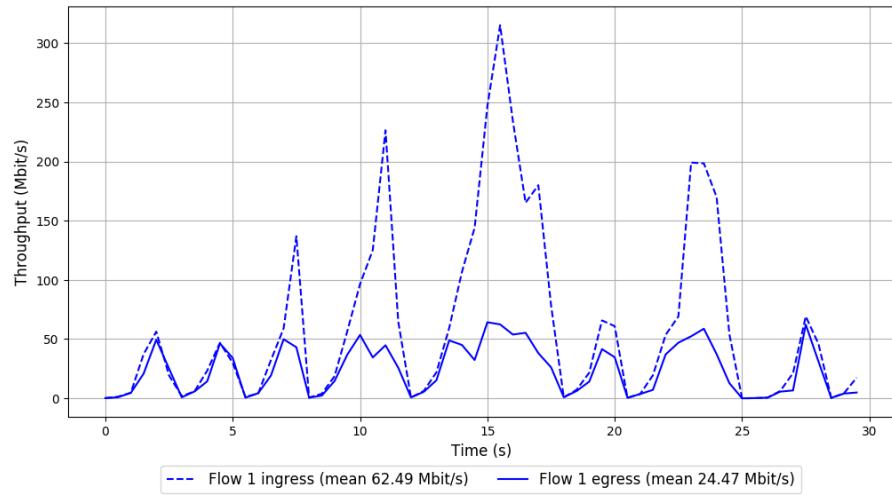


Run 7: Statistics of Verus

```
Start at: 2017-08-21 23:34:15
End at: 2017-08-21 23:34:45
Local clock offset: 0.916 ms
Remote clock offset: -1.759 ms

# Below is generated by plot.py at 2017-08-22 01:13:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 55.601 ms
Loss rate: 60.83%
-- Flow 1:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 55.601 ms
Loss rate: 60.83%
```

Run 7: Report of Verus — Data Link

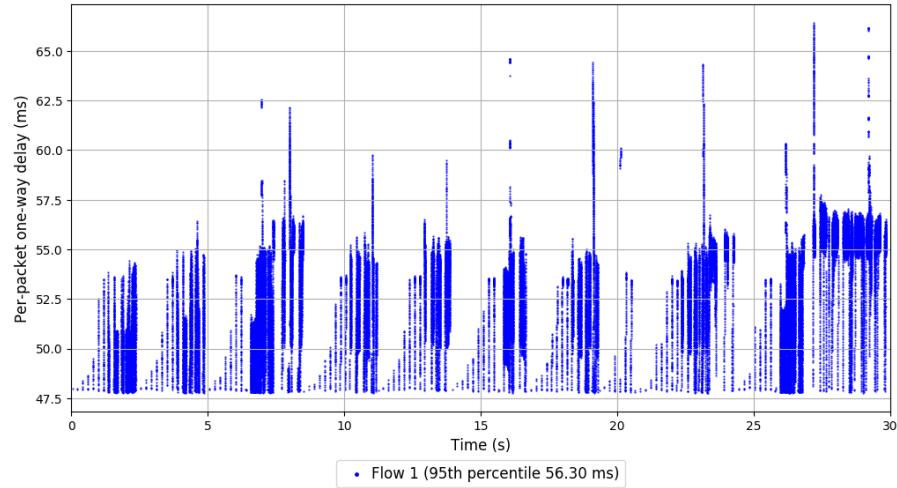
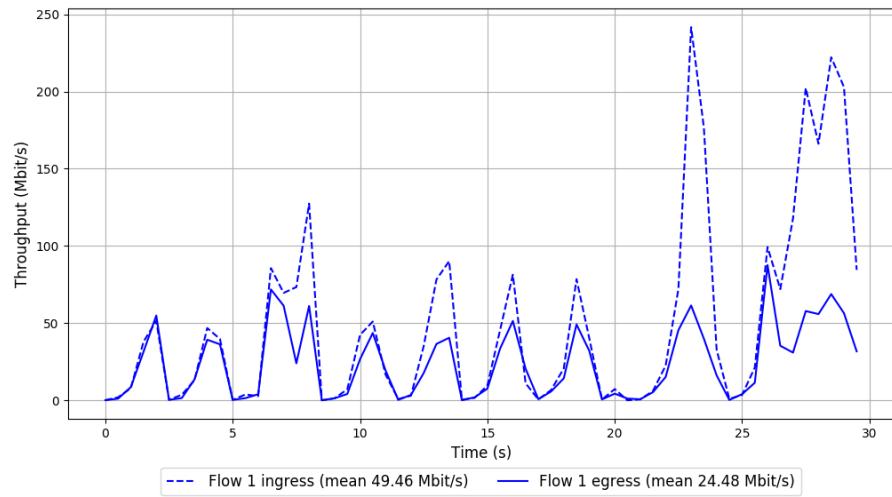


Run 8: Statistics of Verus

```
Start at: 2017-08-21 23:54:33
End at: 2017-08-21 23:55:03
Local clock offset: 1.015 ms
Remote clock offset: -1.734 ms

# Below is generated by plot.py at 2017-08-22 01:13:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.48 Mbit/s
95th percentile per-packet one-way delay: 56.303 ms
Loss rate: 50.50%
-- Flow 1:
Average throughput: 24.48 Mbit/s
95th percentile per-packet one-way delay: 56.303 ms
Loss rate: 50.50%
```

Run 8: Report of Verus — Data Link

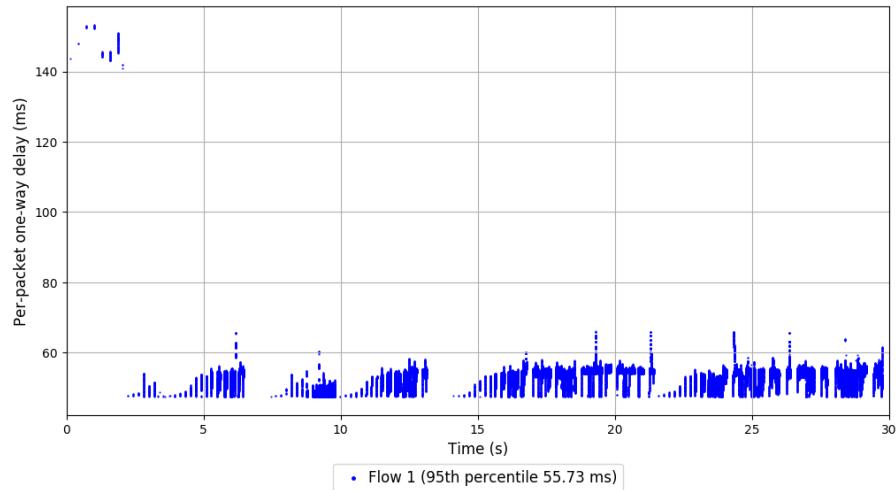
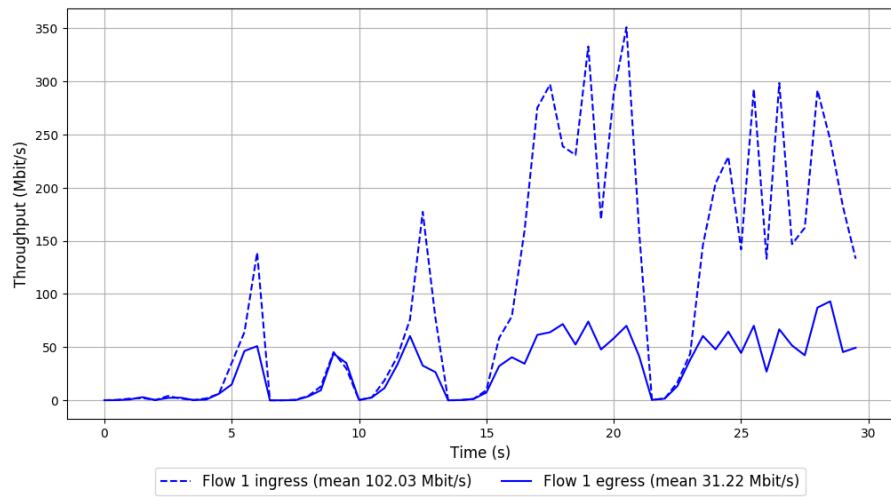


Run 9: Statistics of Verus

```
Start at: 2017-08-22 00:15:30
End at: 2017-08-22 00:16:00
Local clock offset: 1.141 ms
Remote clock offset: -1.645 ms

# Below is generated by plot.py at 2017-08-22 01:13:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.22 Mbit/s
95th percentile per-packet one-way delay: 55.726 ms
Loss rate: 69.50%
-- Flow 1:
Average throughput: 31.22 Mbit/s
95th percentile per-packet one-way delay: 55.726 ms
Loss rate: 69.50%
```

Run 9: Report of Verus — Data Link

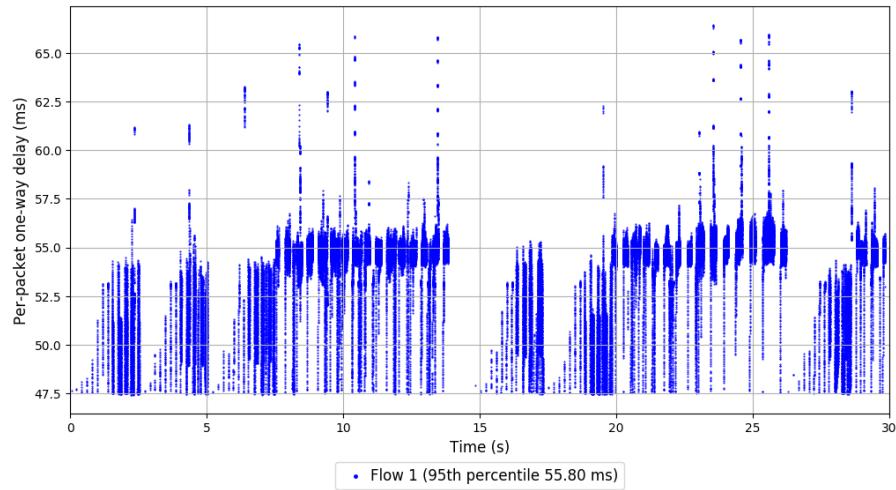
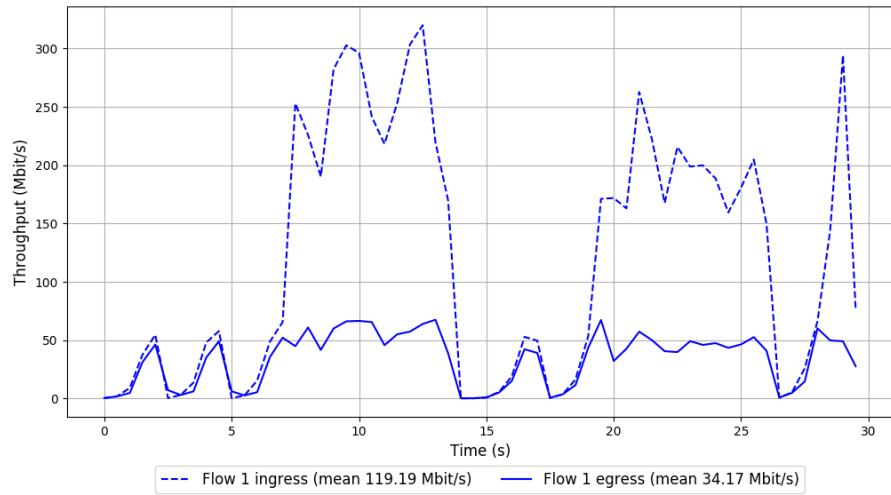


Run 10: Statistics of Verus

```
Start at: 2017-08-22 00:35:36
End at: 2017-08-22 00:36:06
Local clock offset: 1.208 ms
Remote clock offset: -1.632 ms

# Below is generated by plot.py at 2017-08-22 01:13:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.17 Mbit/s
95th percentile per-packet one-way delay: 55.799 ms
Loss rate: 71.32%
-- Flow 1:
Average throughput: 34.17 Mbit/s
95th percentile per-packet one-way delay: 55.799 ms
Loss rate: 71.32%
```

Run 10: Report of Verus — Data Link

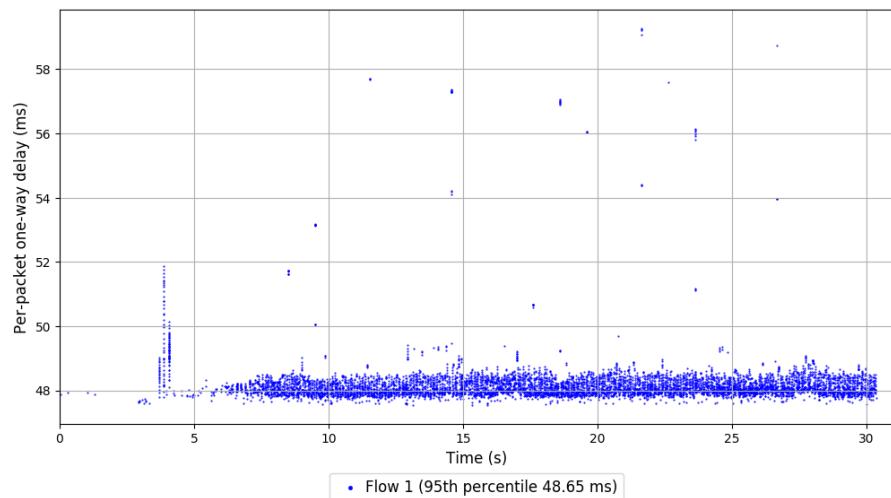
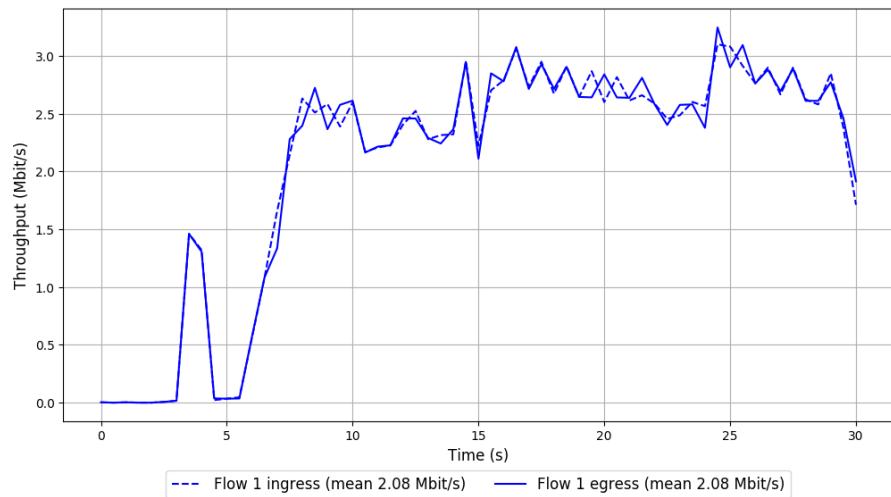


Run 1: Statistics of WebRTC media

```
Start at: 2017-08-21 21:38:25
End at: 2017-08-21 21:38:55
Local clock offset: 0.613 ms
Remote clock offset: -1.352 ms

# Below is generated by plot.py at 2017-08-22 01:13:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.08 Mbit/s
95th percentile per-packet one-way delay: 48.649 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.08 Mbit/s
95th percentile per-packet one-way delay: 48.649 ms
Loss rate: 0.01%
```

Run 1: Report of WebRTC media — Data Link

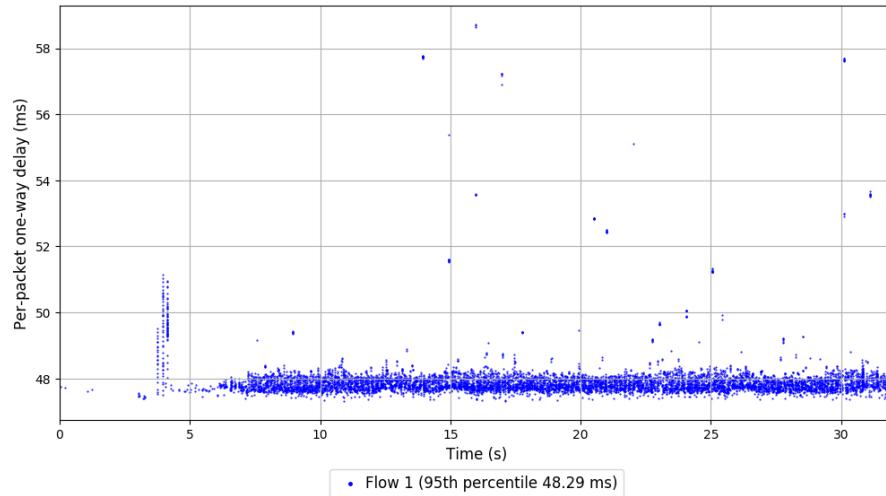
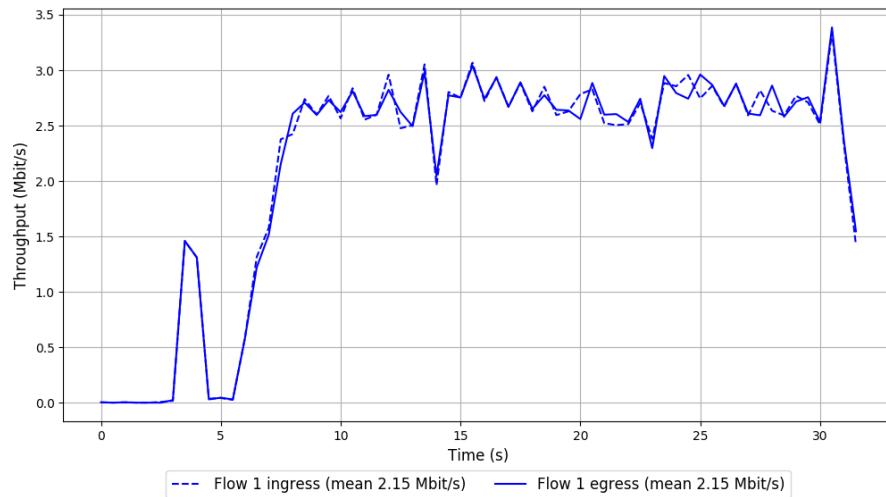


Run 2: Statistics of WebRTC media

```
Start at: 2017-08-21 21:59:28
End at: 2017-08-21 21:59:58
Local clock offset: 0.758 ms
Remote clock offset: -1.458 ms

# Below is generated by plot.py at 2017-08-22 01:13:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 48.290 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 48.290 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

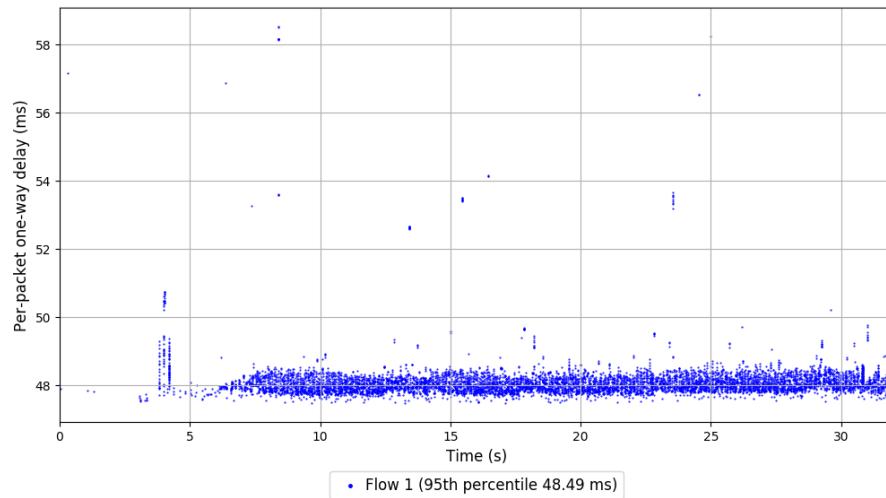
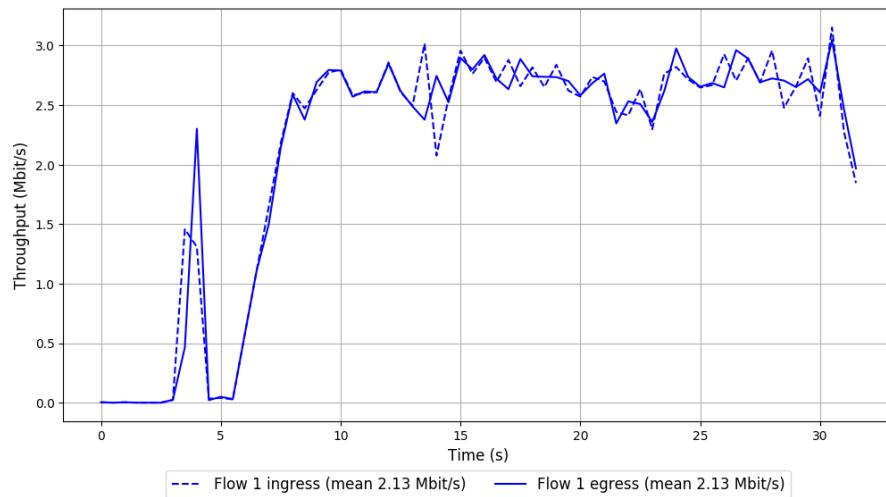


Run 3: Statistics of WebRTC media

```
Start at: 2017-08-21 22:20:45
End at: 2017-08-21 22:21:15
Local clock offset: 0.906 ms
Remote clock offset: -1.679 ms

# Below is generated by plot.py at 2017-08-22 01:13:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.13 Mbit/s
95th percentile per-packet one-way delay: 48.489 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.13 Mbit/s
95th percentile per-packet one-way delay: 48.489 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

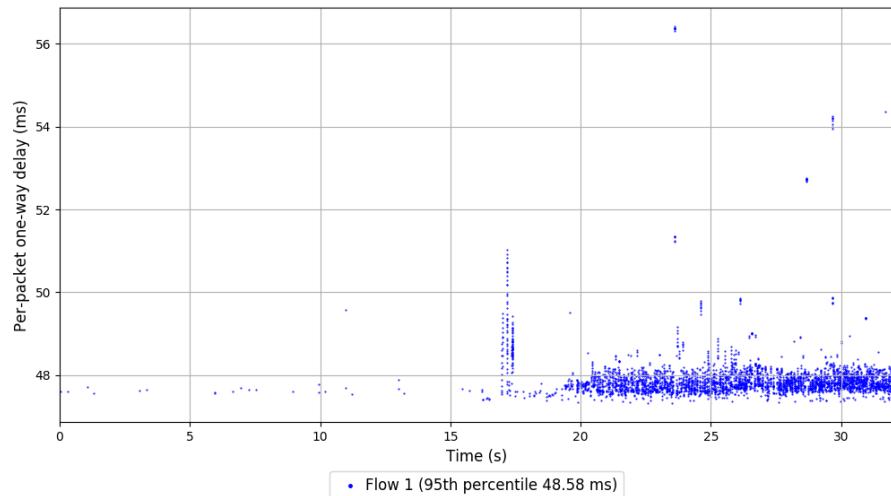
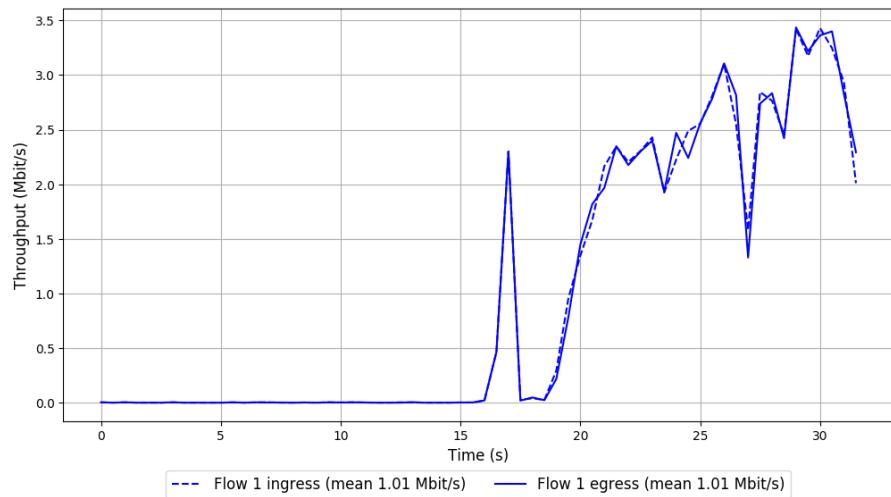


Run 4: Statistics of WebRTC media

```
Start at: 2017-08-21 22:42:40
End at: 2017-08-21 22:43:10
Local clock offset: 0.849 ms
Remote clock offset: -1.646 ms

# Below is generated by plot.py at 2017-08-22 01:13:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.01 Mbit/s
95th percentile per-packet one-way delay: 48.577 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.01 Mbit/s
95th percentile per-packet one-way delay: 48.577 ms
Loss rate: 0.00%
```

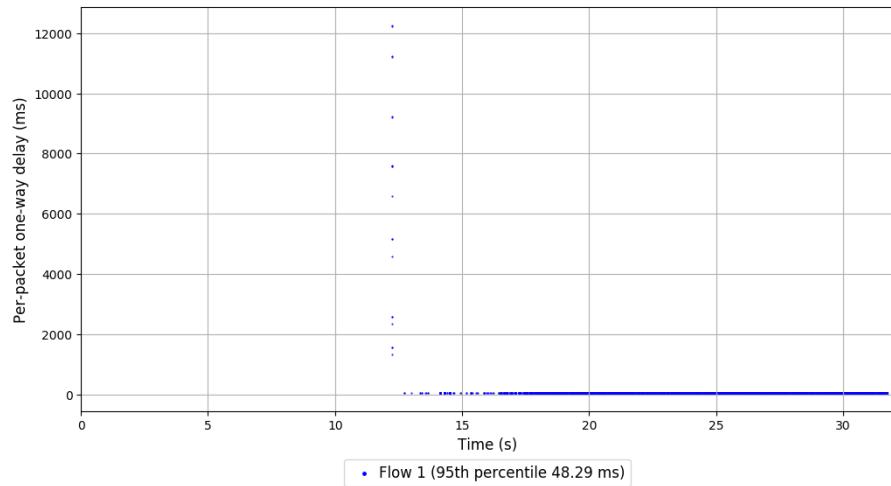
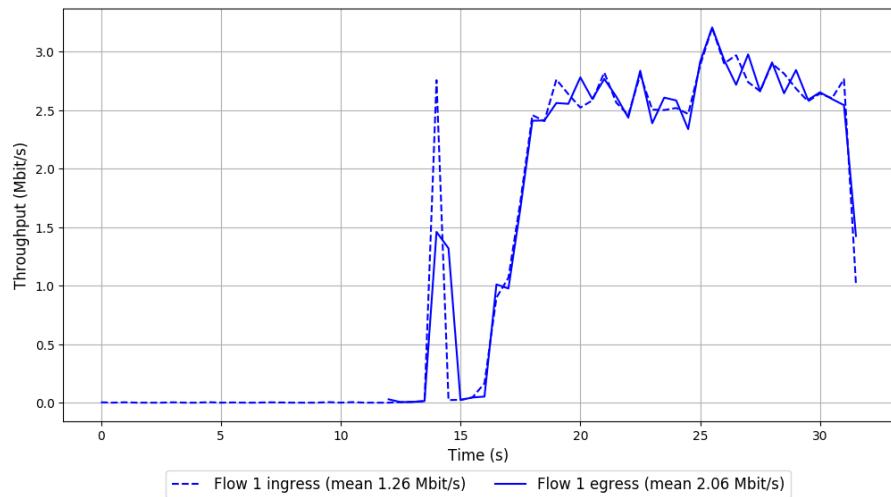
Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2017-08-21 23:02:47
End at: 2017-08-21 23:03:17
Local clock offset: 1.697 ms
Remote clock offset: -1.694 ms

Run 5: Report of WebRTC media — Data Link

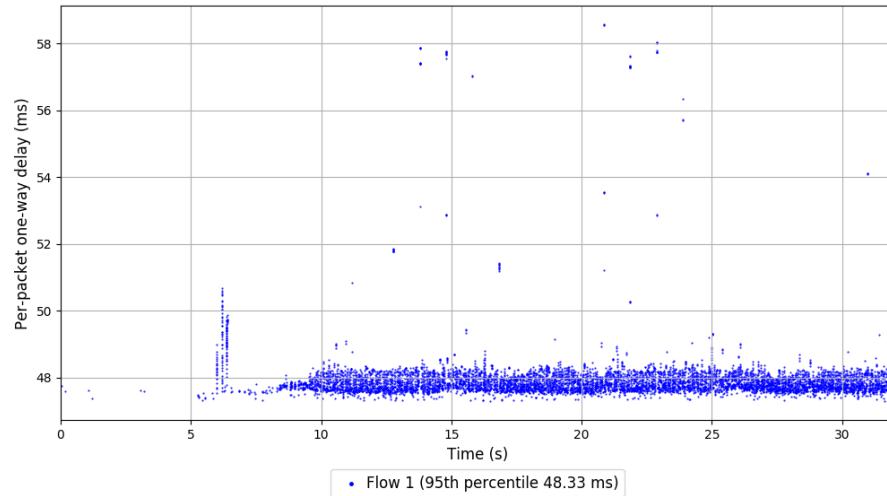
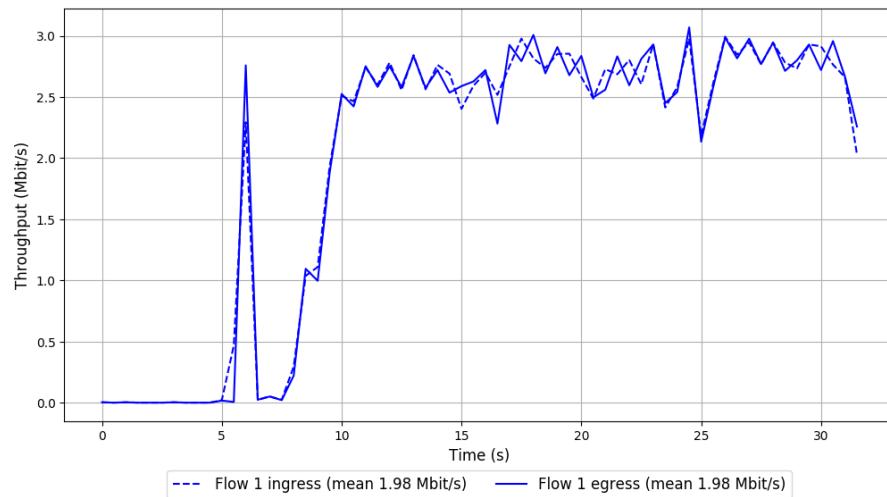


```
Run 6: Statistics of WebRTC media

Start at: 2017-08-21 23:24:26
End at: 2017-08-21 23:24:56
Local clock offset: 1.1 ms
Remote clock offset: -1.758 ms

# Below is generated by plot.py at 2017-08-22 01:13:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.98 Mbit/s
95th percentile per-packet one-way delay: 48.333 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.98 Mbit/s
95th percentile per-packet one-way delay: 48.333 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link

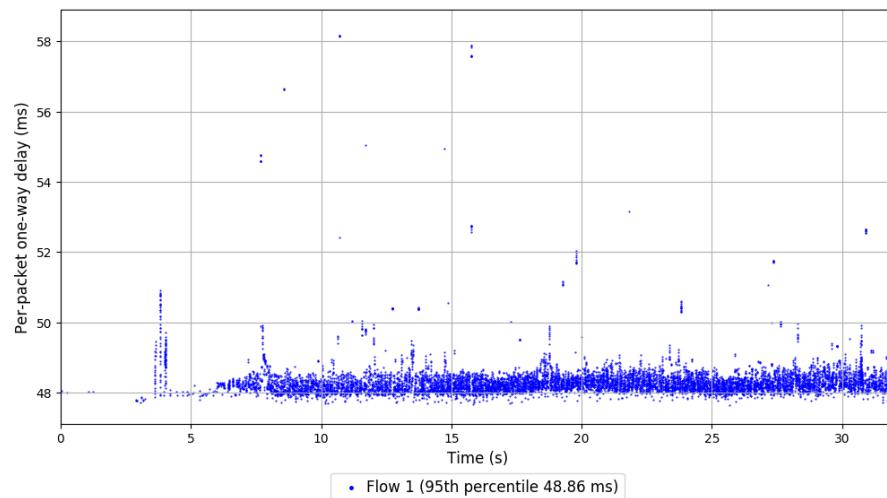
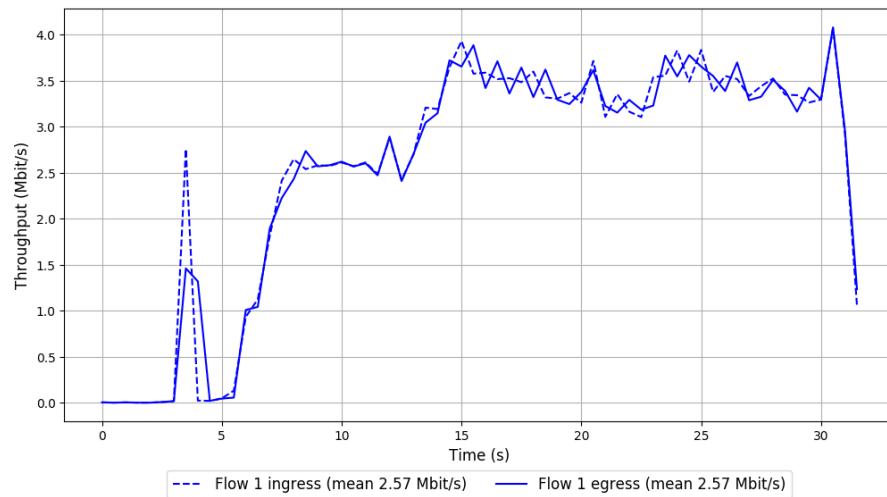


Run 7: Statistics of WebRTC media

```
Start at: 2017-08-21 23:44:52
End at: 2017-08-21 23:45:22
Local clock offset: 0.919 ms
Remote clock offset: -1.677 ms

# Below is generated by plot.py at 2017-08-22 01:13:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.57 Mbit/s
95th percentile per-packet one-way delay: 48.860 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 2.57 Mbit/s
95th percentile per-packet one-way delay: 48.860 ms
Loss rate: 0.17%
```

Run 7: Report of WebRTC media — Data Link

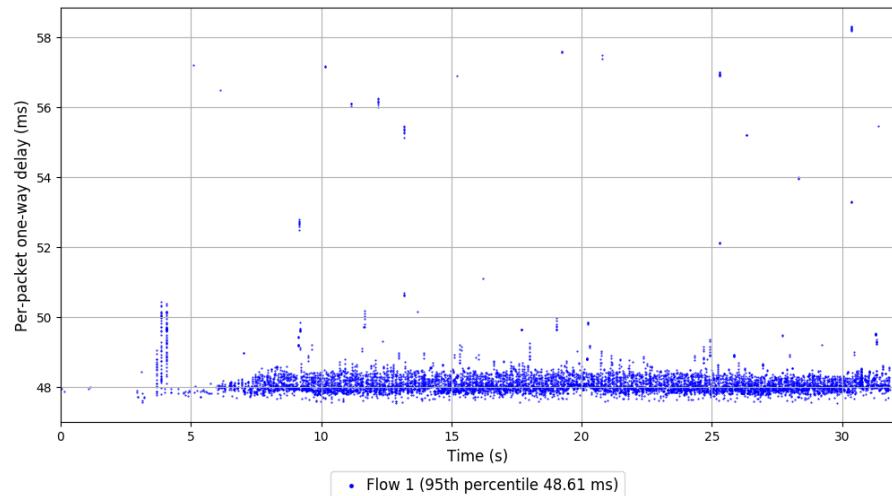
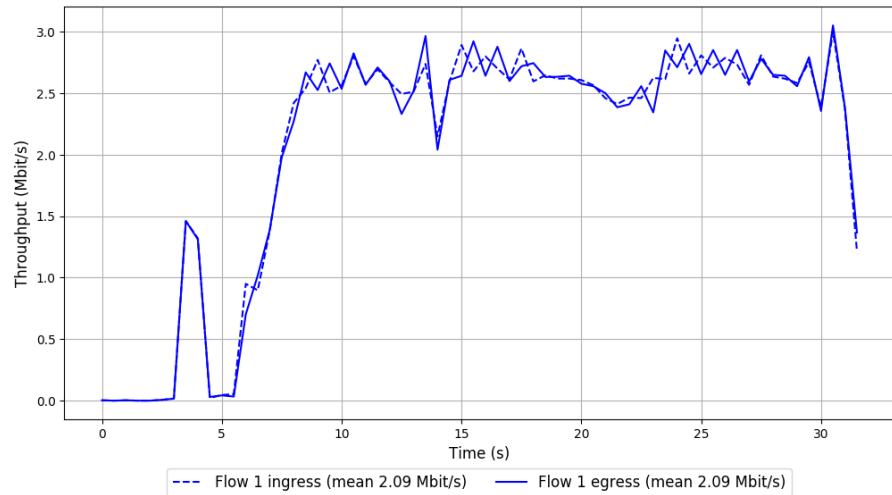


Run 8: Statistics of WebRTC media

```
Start at: 2017-08-22 00:05:13
End at: 2017-08-22 00:05:43
Local clock offset: 1.078 ms
Remote clock offset: -1.661 ms

# Below is generated by plot.py at 2017-08-22 01:13:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.09 Mbit/s
95th percentile per-packet one-way delay: 48.613 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.09 Mbit/s
95th percentile per-packet one-way delay: 48.613 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

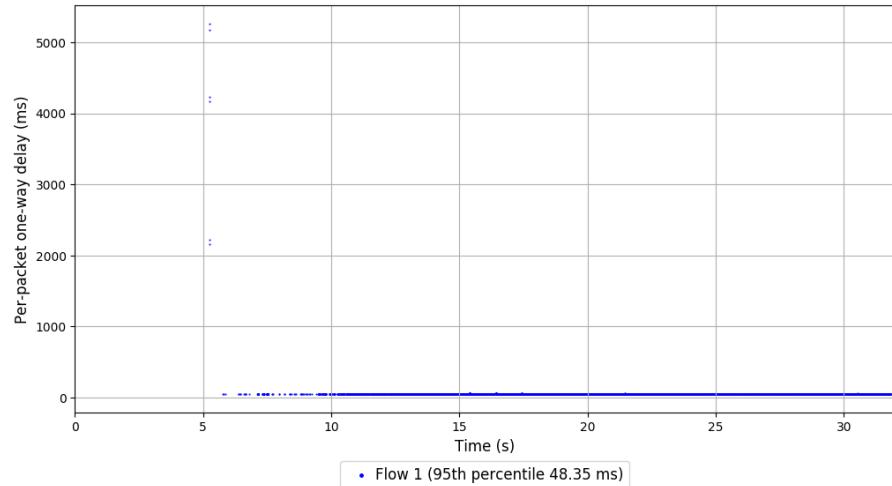
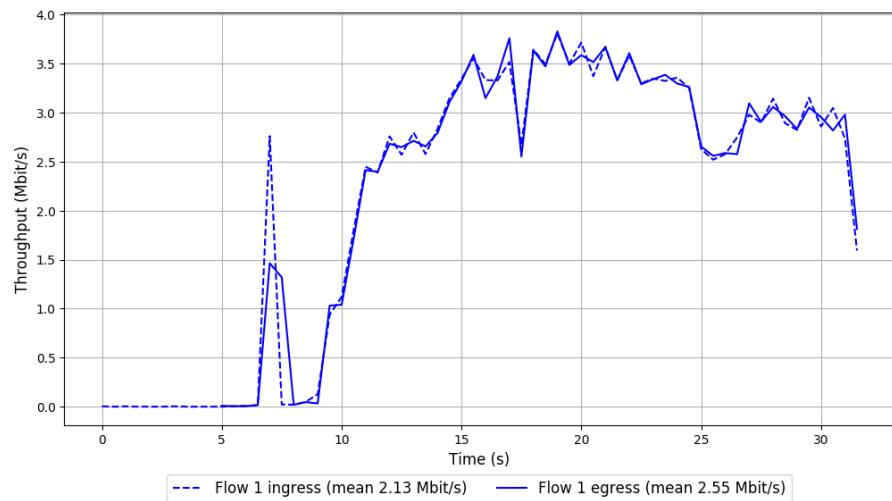


Run 9: Statistics of WebRTC media

```
Start at: 2017-08-22 00:26:23
End at: 2017-08-22 00:26:53
Local clock offset: 1.434 ms
Remote clock offset: -1.69 ms

# Below is generated by plot.py at 2017-08-22 01:13:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.55 Mbit/s
95th percentile per-packet one-way delay: 48.355 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.55 Mbit/s
95th percentile per-packet one-way delay: 48.355 ms
Loss rate: 0.01%
```

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

```
Start at: 2017-08-22 00:46:24
End at: 2017-08-22 00:46:54
Local clock offset: 1.409 ms
Remote clock offset: -1.574 ms

# Below is generated by plot.py at 2017-08-22 01:13:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.13 Mbit/s
95th percentile per-packet one-way delay: 48.253 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.13 Mbit/s
95th percentile per-packet one-way delay: 48.253 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

