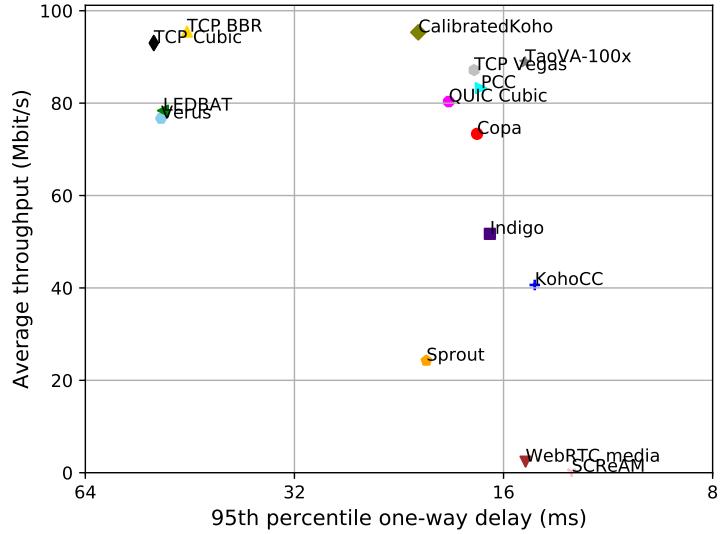


Pantheon Report

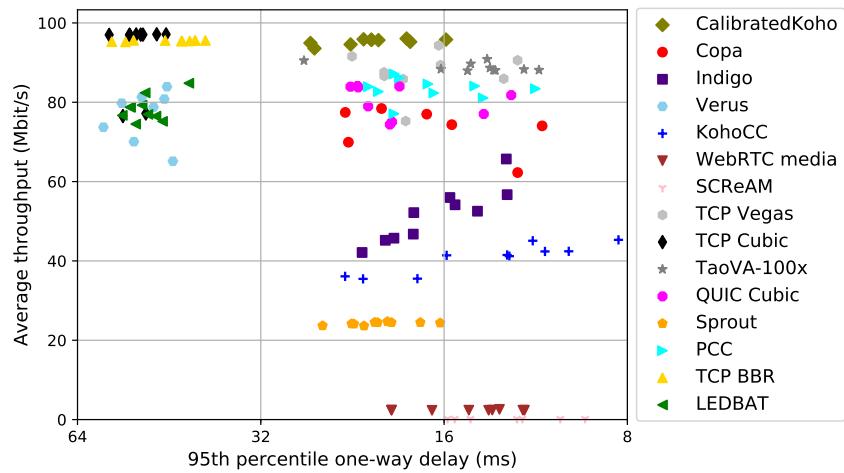
Generated at 2017-09-03 07:46:51 (UTC).
Data path: AWS India 1 Ethernet (*local*) → India Ethernet (*remote*).
Repeated the test of 15 congestion control schemes 10 times.
Each test lasted for 30 seconds running 1 flow.
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).
NTP offsets were measured against **nets.org.sg** and have been applied to correct the timestamps in logs.

```
Git summary:  
branch: master @ 2a98508c2457474d84cd2966a42b80b0bc62ecaf  
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50  
  M datagrump/sender.cc  
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366  
third_party/indigo @ 10192113fb6902d25c86e0e3e4c85d7a05e43d7e  
third_party/koho_cc @ f0f2e693303aeee82ea808e6928eac4f1083a6681  
  M datagrump/sender.cc  
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf  
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4  
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1  
  M receiver/src/buffer.h  
  M receiver/src/core.cpp  
  M sender/src/buffer.h  
  M sender/src/core.cpp  
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42  
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885  
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681  
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce  
  M src/examples/cellsim.cc  
  M src/examples/sproutbt2.cc  
  M src/network/sproutconn.cc  
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494  
  M src/verus.hpp  
  M tools/plot.py  
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



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



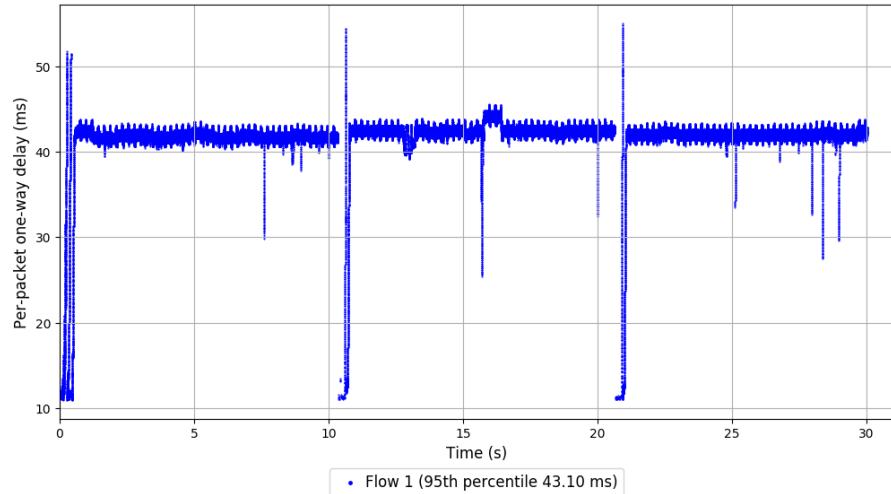
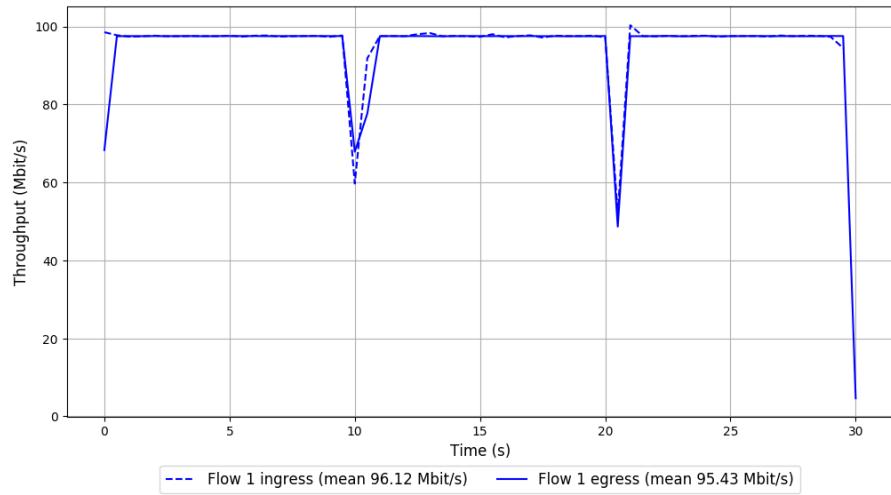
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	95.47	45.69	0.93
CalibratedKoho	10	95.32	21.23	0.01
Copa	7	73.35	17.47	0.02
TCP Cubic	10	93.01	51.01	0.34
Indigo	10	51.71	16.74	0.01
KohoCC	10	40.64	14.43	0.00
LEDBAT	10	78.38	49.49	0.06
PCC	10	83.25	17.25	0.36
QUIC Cubic	9	80.34	19.19	0.01
SCReAM	7	0.21	12.77	0.00
Sprout	10	24.26	20.66	0.00
TaoVA-100x	10	88.86	14.90	0.02
TCP Vegas	10	87.14	17.64	0.14
Verus	8	76.69	49.80	22.19
WebRTC media	9	2.39	14.87	0.00

Run 1: Statistics of TCP BBR

```
Start at: 2017-09-03 04:00:05
End at: 2017-09-03 04:00:35
Local clock offset: 0.787 ms
Remote clock offset: -6.252 ms

# Below is generated by plot.py at 2017-09-03 07:34:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.43 Mbit/s
95th percentile per-packet one-way delay: 43.101 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 95.43 Mbit/s
95th percentile per-packet one-way delay: 43.101 ms
Loss rate: 0.62%
```

Run 1: Report of TCP BBR — Data Link

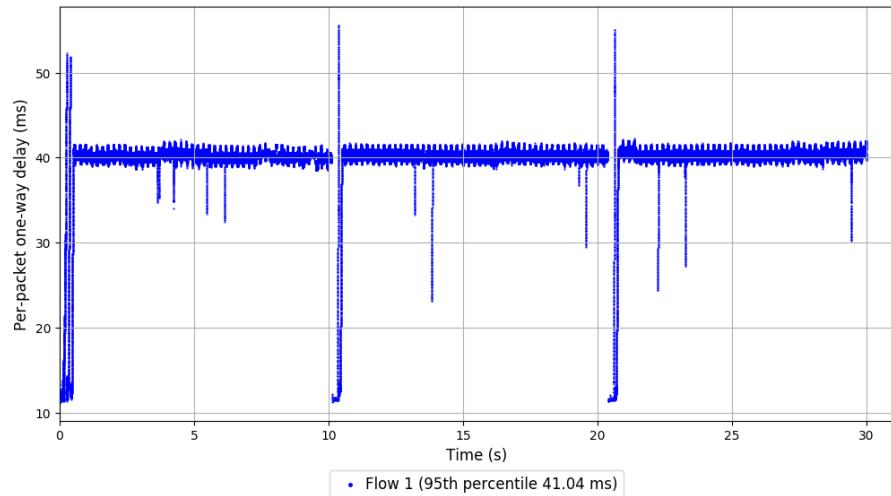
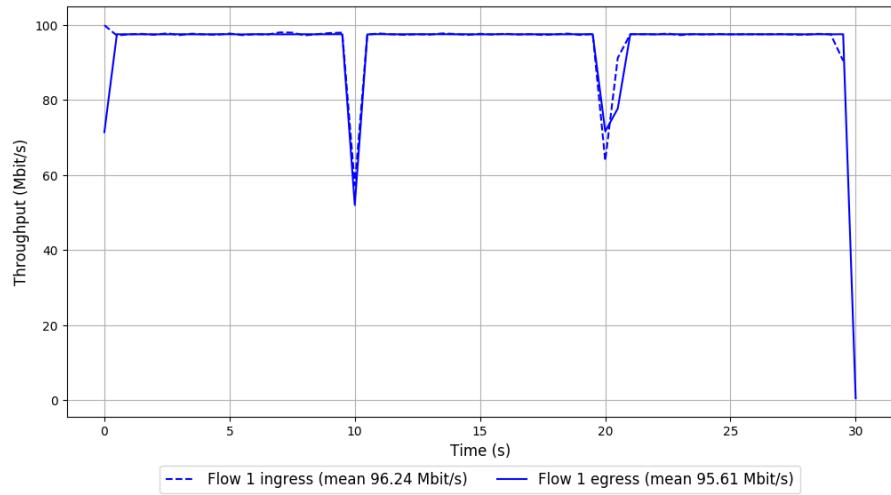


Run 2: Statistics of TCP BBR

```
Start at: 2017-09-03 04:17:57
End at: 2017-09-03 04:18:27
Local clock offset: -1.236 ms
Remote clock offset: -5.753 ms

# Below is generated by plot.py at 2017-09-03 07:34:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.61 Mbit/s
95th percentile per-packet one-way delay: 41.039 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 95.61 Mbit/s
95th percentile per-packet one-way delay: 41.039 ms
Loss rate: 0.57%
```

Run 2: Report of TCP BBR — Data Link

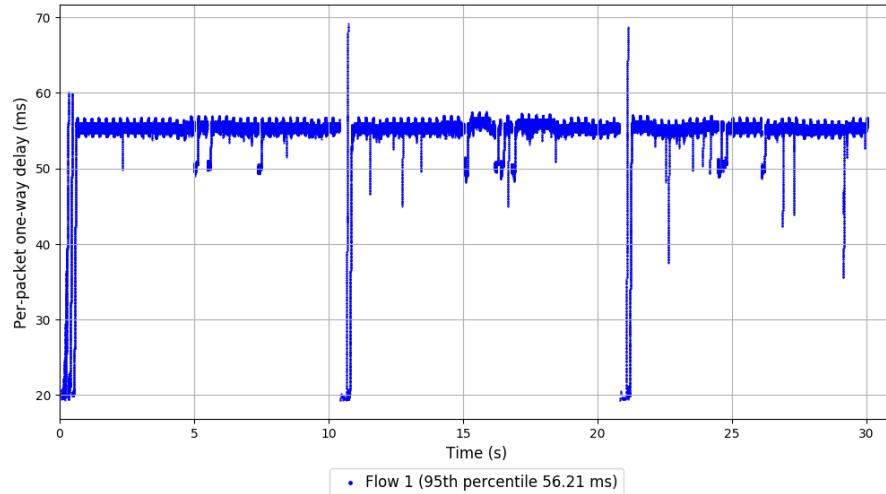
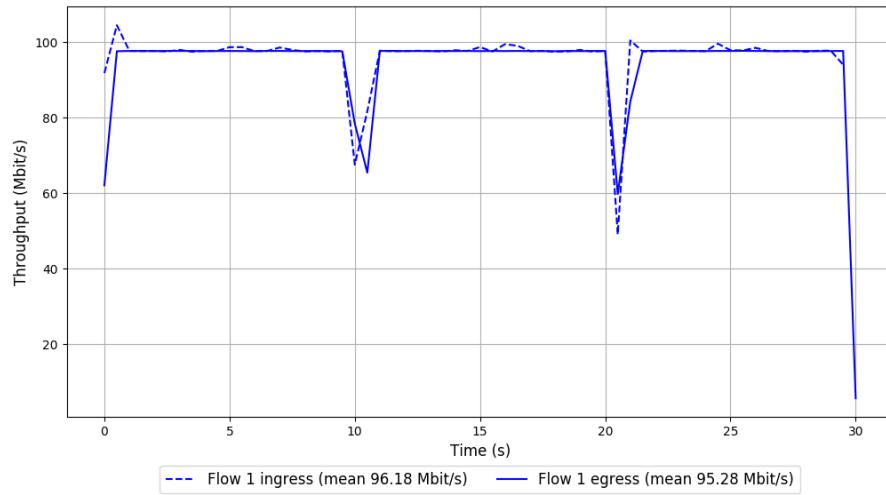


Run 3: Statistics of TCP BBR

```
Start at: 2017-09-03 04:35:38
End at: 2017-09-03 04:36:08
Local clock offset: -2.585 ms
Remote clock offset: -6.116 ms

# Below is generated by plot.py at 2017-09-03 07:35:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.28 Mbit/s
95th percentile per-packet one-way delay: 56.209 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 95.28 Mbit/s
95th percentile per-packet one-way delay: 56.209 ms
Loss rate: 0.84%
```

Run 3: Report of TCP BBR — Data Link

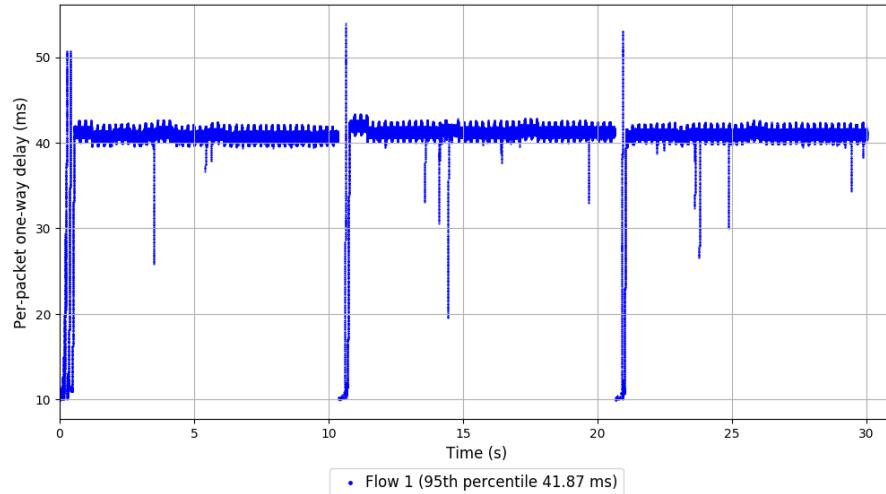
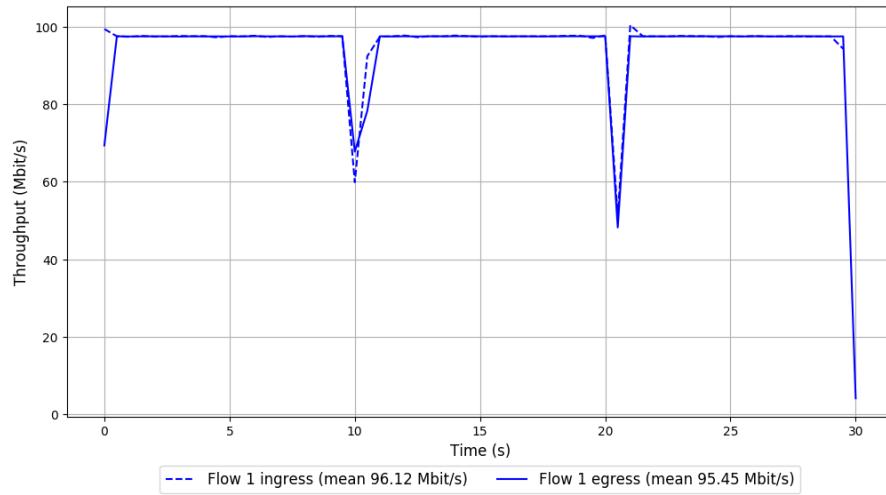


Run 4: Statistics of TCP BBR

```
Start at: 2017-09-03 04:53:27
End at: 2017-09-03 04:53:57
Local clock offset: 1.71 ms
Remote clock offset: -5.908 ms

# Below is generated by plot.py at 2017-09-03 07:35:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.45 Mbit/s
95th percentile per-packet one-way delay: 41.873 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 95.45 Mbit/s
95th percentile per-packet one-way delay: 41.873 ms
Loss rate: 0.60%
```

Run 4: Report of TCP BBR — Data Link

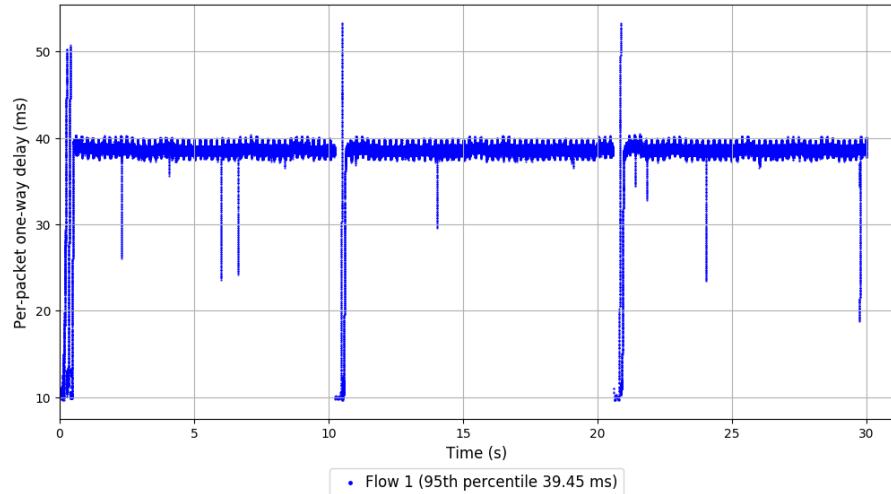
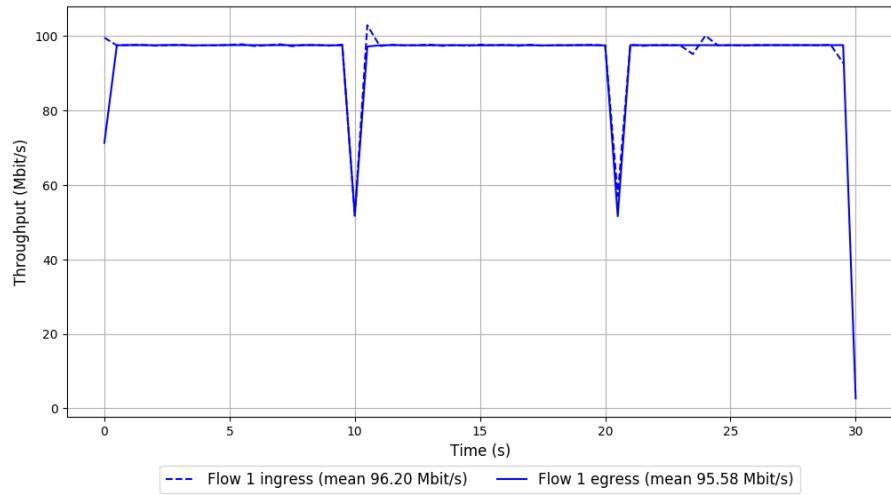


Run 5: Statistics of TCP BBR

```
Start at: 2017-09-03 05:11:20
End at: 2017-09-03 05:11:50
Local clock offset: 1.093 ms
Remote clock offset: -3.353 ms

# Below is generated by plot.py at 2017-09-03 07:35:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.58 Mbit/s
95th percentile per-packet one-way delay: 39.454 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 95.58 Mbit/s
95th percentile per-packet one-way delay: 39.454 ms
Loss rate: 0.55%
```

Run 5: Report of TCP BBR — Data Link

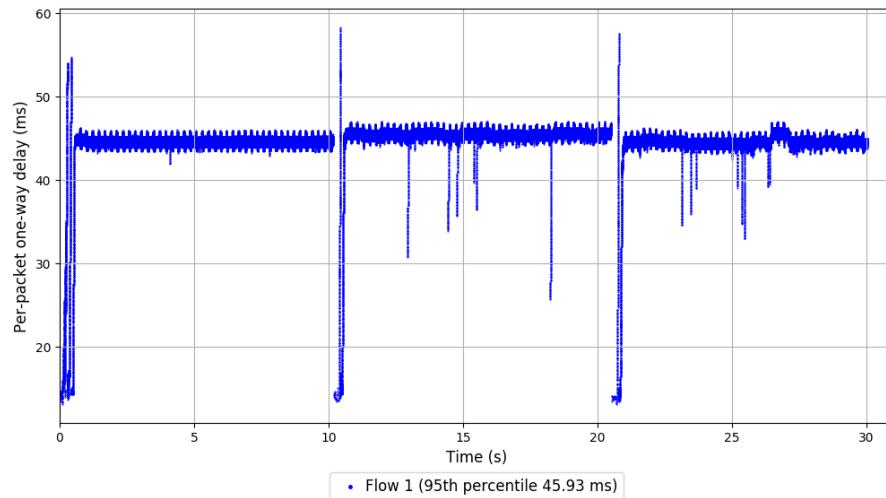
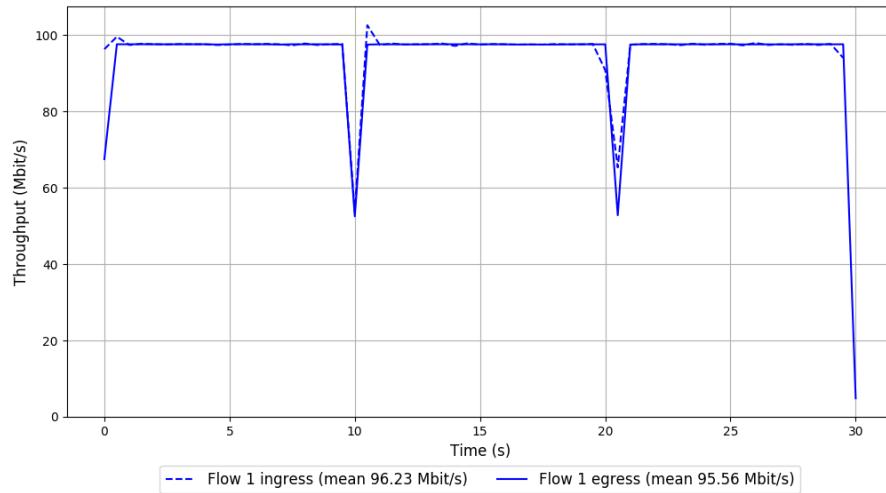


Run 6: Statistics of TCP BBR

```
Start at: 2017-09-03 05:29:35
End at: 2017-09-03 05:30:05
Local clock offset: -0.795 ms
Remote clock offset: -3.848 ms

# Below is generated by plot.py at 2017-09-03 07:35:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.56 Mbit/s
95th percentile per-packet one-way delay: 45.933 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 95.56 Mbit/s
95th percentile per-packet one-way delay: 45.933 ms
Loss rate: 0.60%
```

Run 6: Report of TCP BBR — Data Link

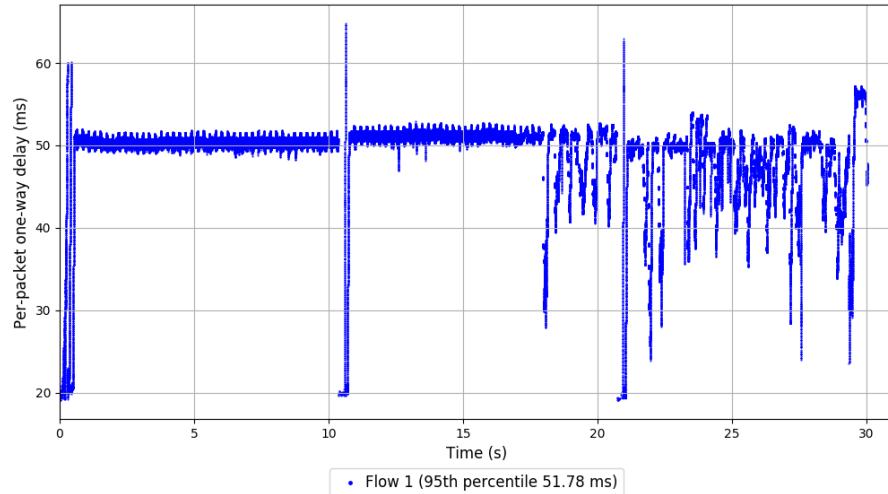
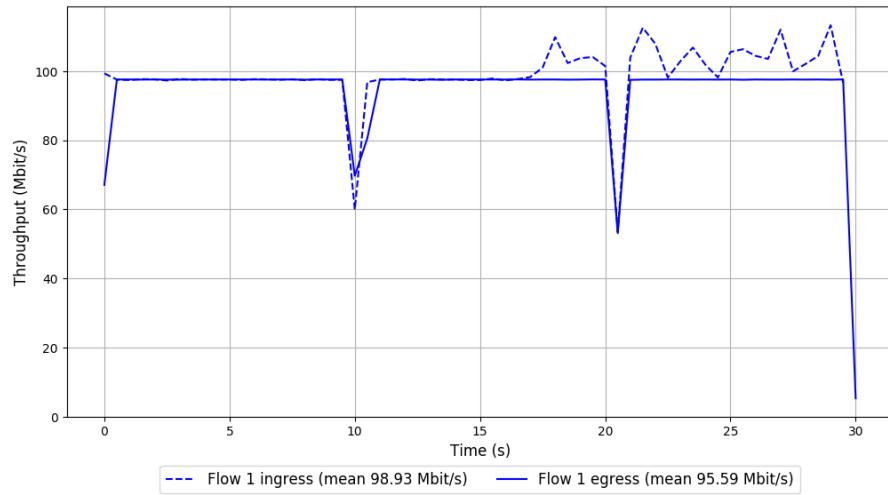


Run 7: Statistics of TCP BBR

```
Start at: 2017-09-03 05:47:36
End at: 2017-09-03 05:48:06
Local clock offset: -6.969 ms
Remote clock offset: -4.583 ms

# Below is generated by plot.py at 2017-09-03 07:35:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.59 Mbit/s
95th percentile per-packet one-way delay: 51.781 ms
Loss rate: 3.29%
-- Flow 1:
Average throughput: 95.59 Mbit/s
95th percentile per-packet one-way delay: 51.781 ms
Loss rate: 3.29%
```

Run 7: Report of TCP BBR — Data Link

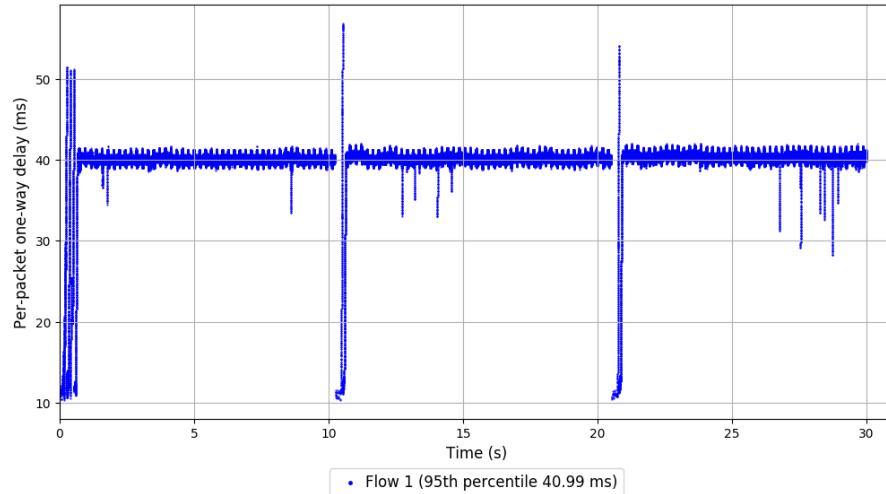
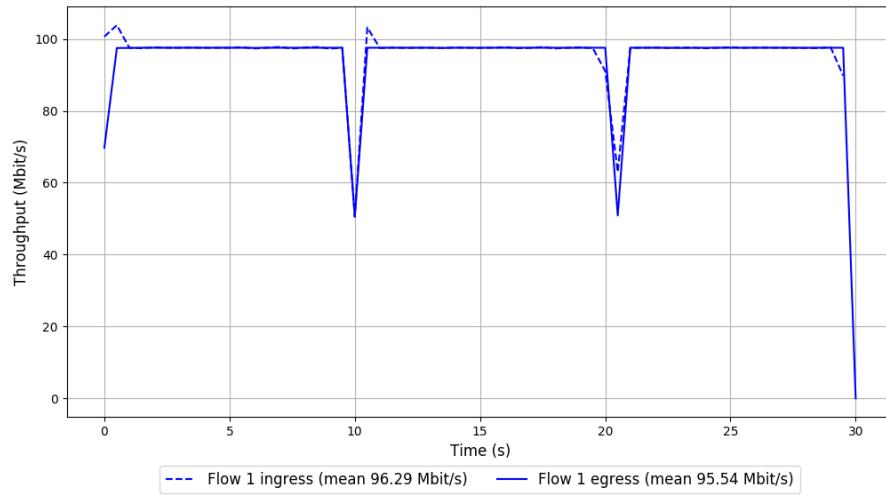


Run 8: Statistics of TCP BBR

```
Start at: 2017-09-03 06:05:31
End at: 2017-09-03 06:06:01
Local clock offset: -1.38 ms
Remote clock offset: -7.609 ms

# Below is generated by plot.py at 2017-09-03 07:35:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.54 Mbit/s
95th percentile per-packet one-way delay: 40.987 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 95.54 Mbit/s
95th percentile per-packet one-way delay: 40.987 ms
Loss rate: 0.71%
```

Run 8: Report of TCP BBR — Data Link

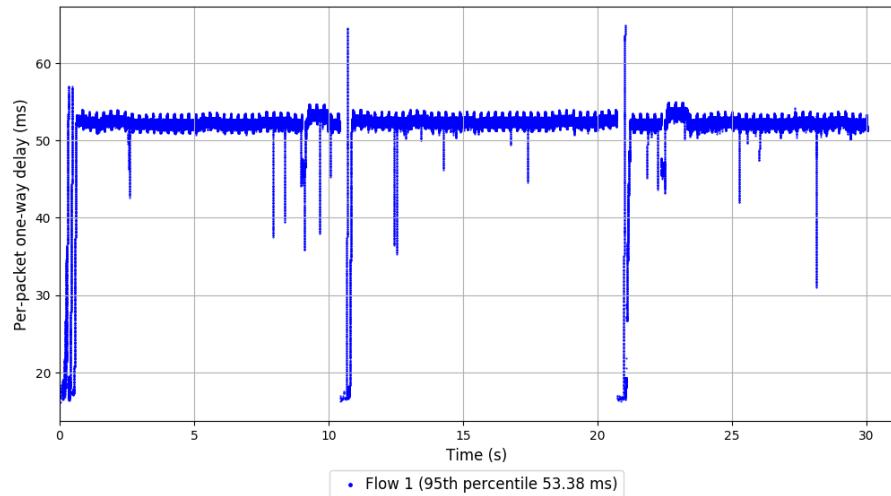
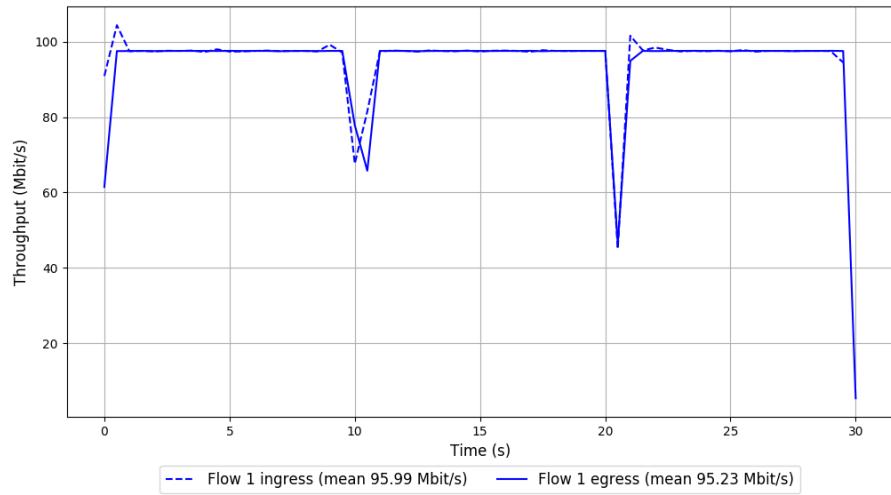


Run 9: Statistics of TCP BBR

```
Start at: 2017-09-03 06:23:38
End at: 2017-09-03 06:24:08
Local clock offset: -0.247 ms
Remote clock offset: -8.619 ms

# Below is generated by plot.py at 2017-09-03 07:35:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.23 Mbit/s
95th percentile per-packet one-way delay: 53.375 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 95.23 Mbit/s
95th percentile per-packet one-way delay: 53.375 ms
Loss rate: 0.71%
```

Run 9: Report of TCP BBR — Data Link

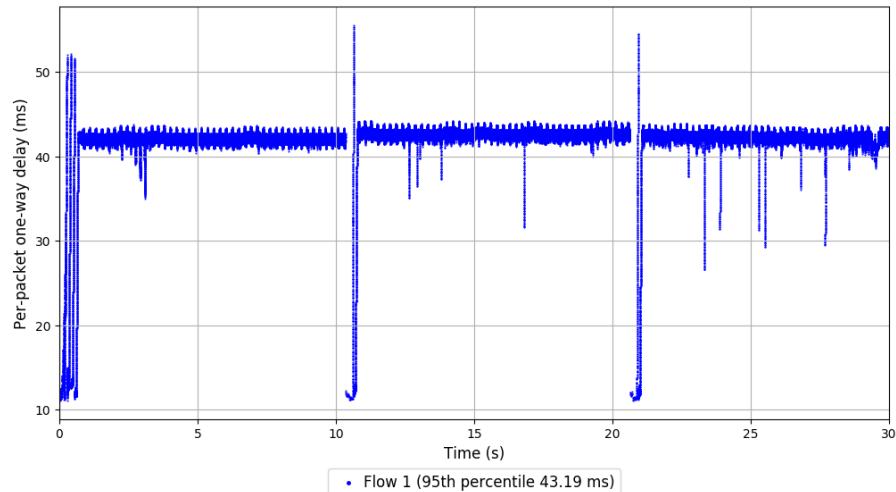
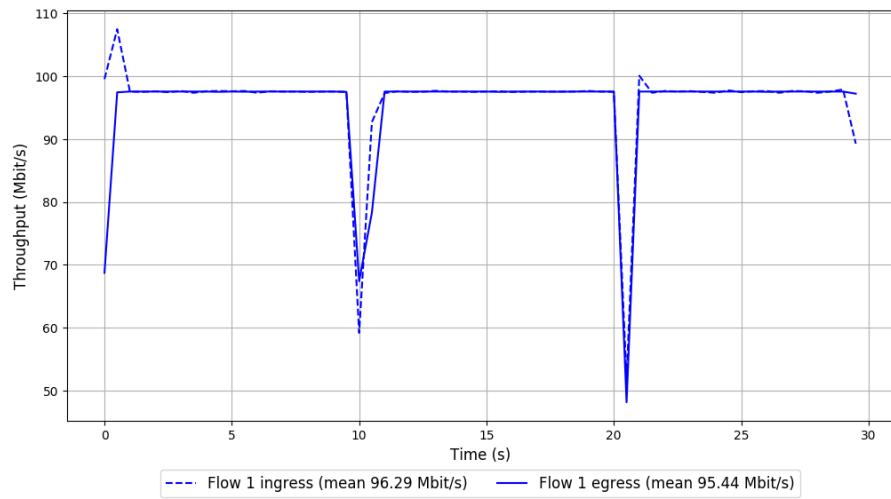


Run 10: Statistics of TCP BBR

```
Start at: 2017-09-03 06:41:47
End at: 2017-09-03 06:42:17
Local clock offset: -6.536 ms
Remote clock offset: -14.626 ms

# Below is generated by plot.py at 2017-09-03 07:35:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.44 Mbit/s
95th percentile per-packet one-way delay: 43.191 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 95.44 Mbit/s
95th percentile per-packet one-way delay: 43.191 ms
Loss rate: 0.78%
```

Run 10: Report of TCP BBR — Data Link

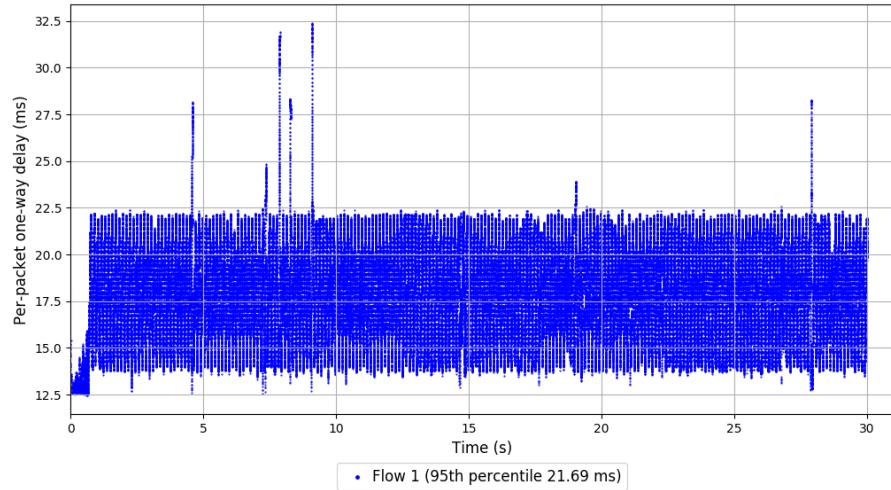
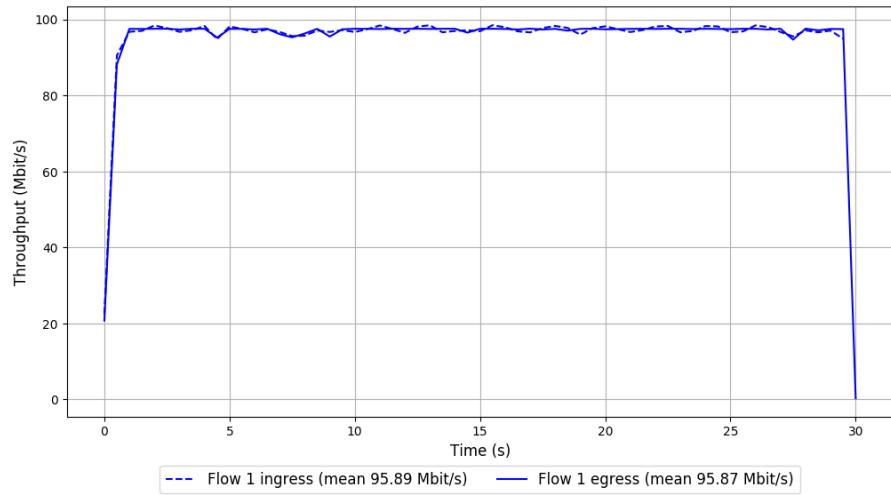


```
Run 1: Statistics of CalibratedKoho

Start at: 2017-09-03 03:55:26
End at: 2017-09-03 03:55:56
Local clock offset: -1.423 ms
Remote clock offset: -6.945 ms

# Below is generated by plot.py at 2017-09-03 07:35:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.87 Mbit/s
95th percentile per-packet one-way delay: 21.693 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.87 Mbit/s
95th percentile per-packet one-way delay: 21.693 ms
Loss rate: 0.00%
```

Run 1: Report of CalibratedKoho — Data Link

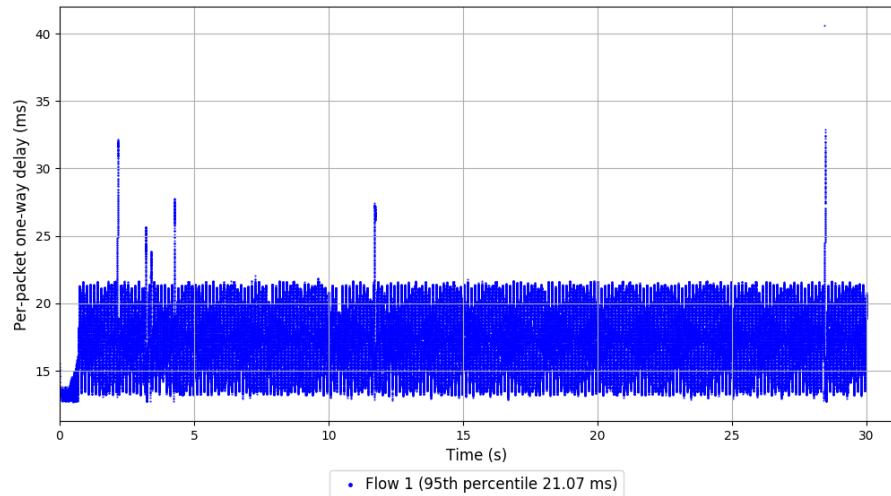
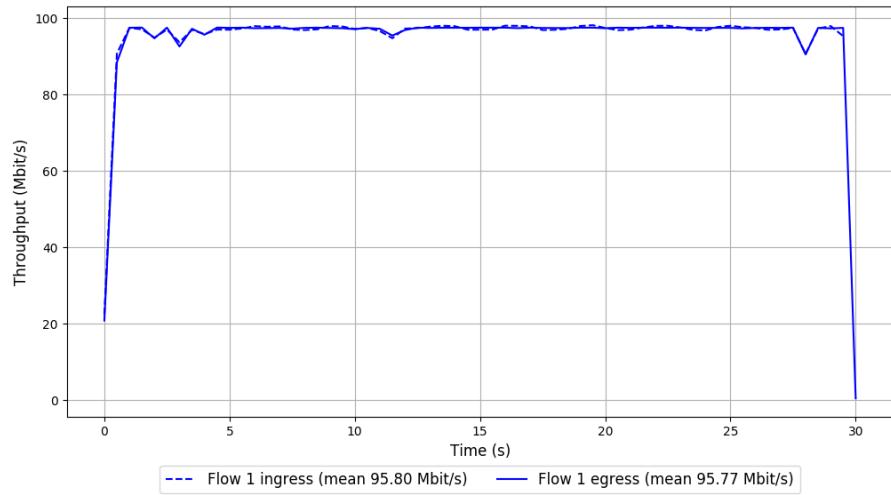


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: 2017-09-03 04:13:16
End at: 2017-09-03 04:13:46
Local clock offset: -5.302 ms
Remote clock offset: -10.414 ms

# Below is generated by plot.py at 2017-09-03 07:35:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.77 Mbit/s
95th percentile per-packet one-way delay: 21.066 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 95.77 Mbit/s
95th percentile per-packet one-way delay: 21.066 ms
Loss rate: 0.01%
```

Run 2: Report of CalibratedKoho — Data Link

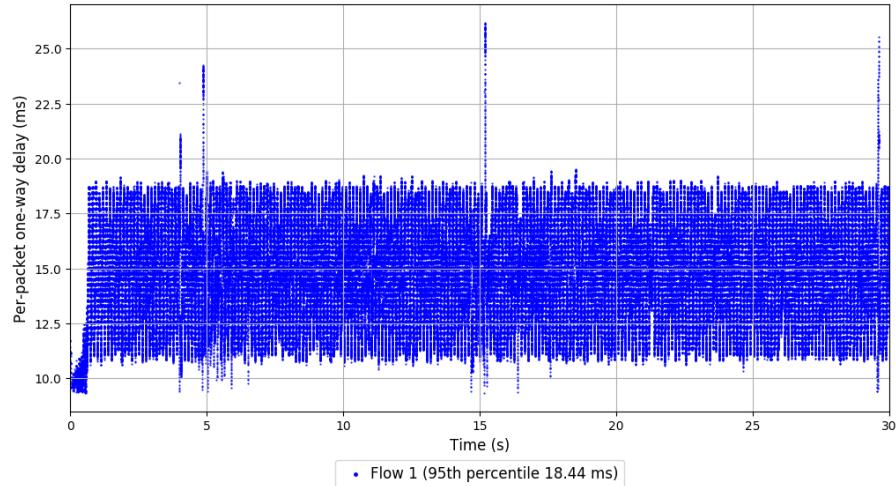
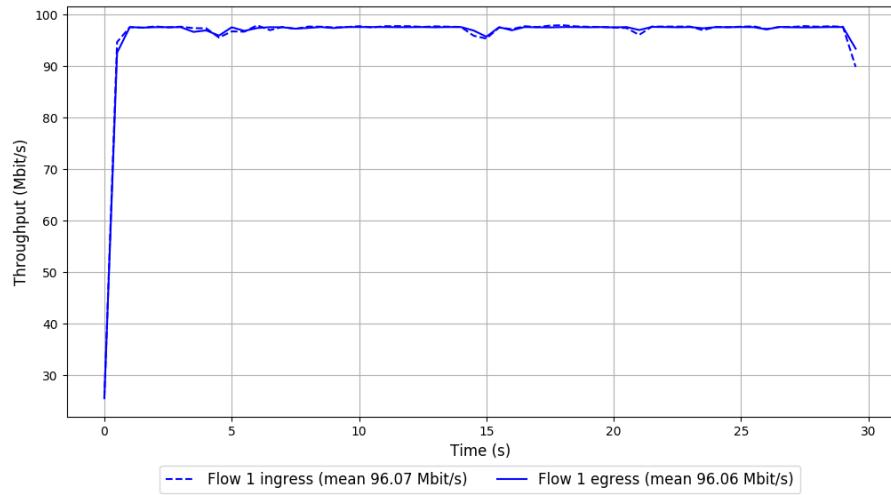


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: 2017-09-03 04:30:56
End at: 2017-09-03 04:31:26
Local clock offset: 0.719 ms
Remote clock offset: -5.874 ms

# Below is generated by plot.py at 2017-09-03 07:36:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.06 Mbit/s
95th percentile per-packet one-way delay: 18.437 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.06 Mbit/s
95th percentile per-packet one-way delay: 18.437 ms
Loss rate: 0.00%
```

Run 3: Report of CalibratedKoho — Data Link

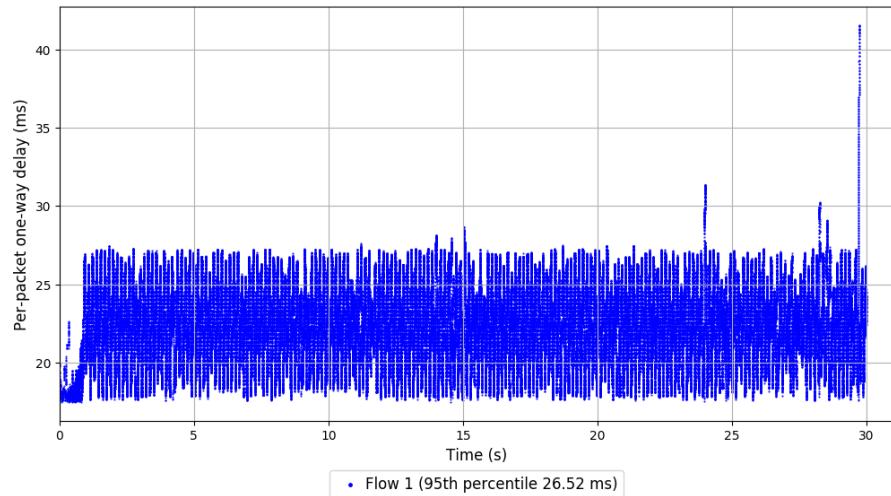
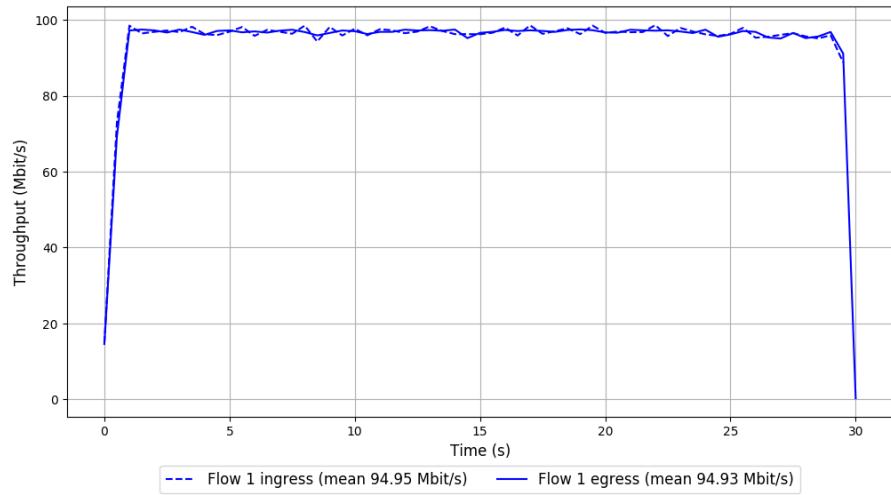


```
Run 4: Statistics of CalibratedKoho
```

```
Start at: 2017-09-03 04:48:46
End at: 2017-09-03 04:49:16
Local clock offset: -1.02 ms
Remote clock offset: -6.061 ms

# Below is generated by plot.py at 2017-09-03 07:36:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.93 Mbit/s
95th percentile per-packet one-way delay: 26.521 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 94.93 Mbit/s
95th percentile per-packet one-way delay: 26.521 ms
Loss rate: 0.02%
```

Run 4: Report of CalibratedKoho — Data Link

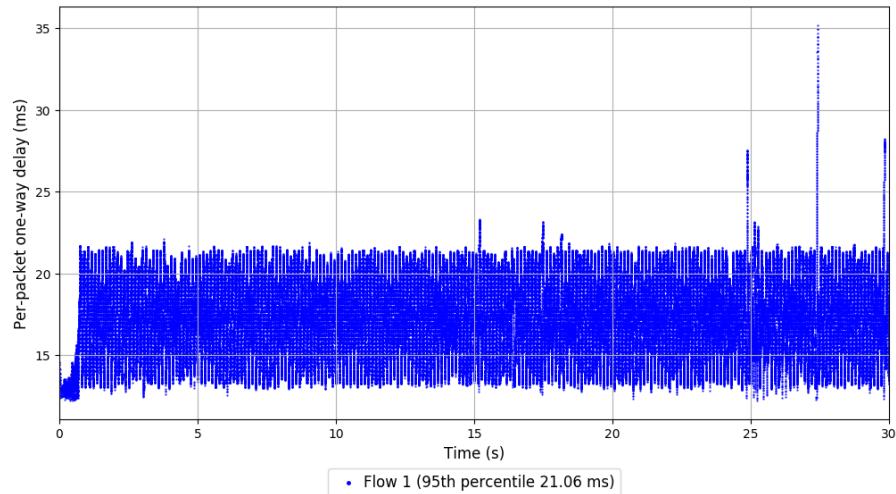
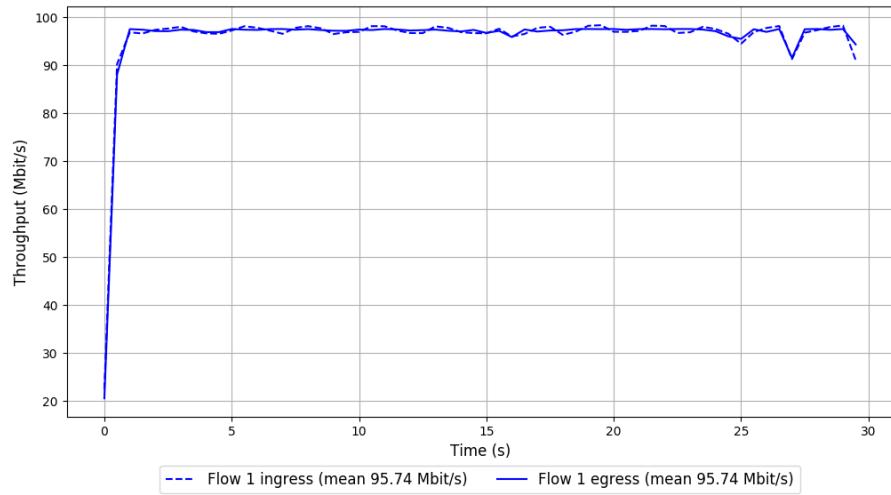


```
Run 5: Statistics of CalibratedKoho
```

```
Start at: 2017-09-03 05:06:35
End at: 2017-09-03 05:07:05
Local clock offset: 1.153 ms
Remote clock offset: -3.0 ms

# Below is generated by plot.py at 2017-09-03 07:36:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.74 Mbit/s
95th percentile per-packet one-way delay: 21.058 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 95.74 Mbit/s
95th percentile per-packet one-way delay: 21.058 ms
Loss rate: 0.02%
```

Run 5: Report of CalibratedKoho — Data Link

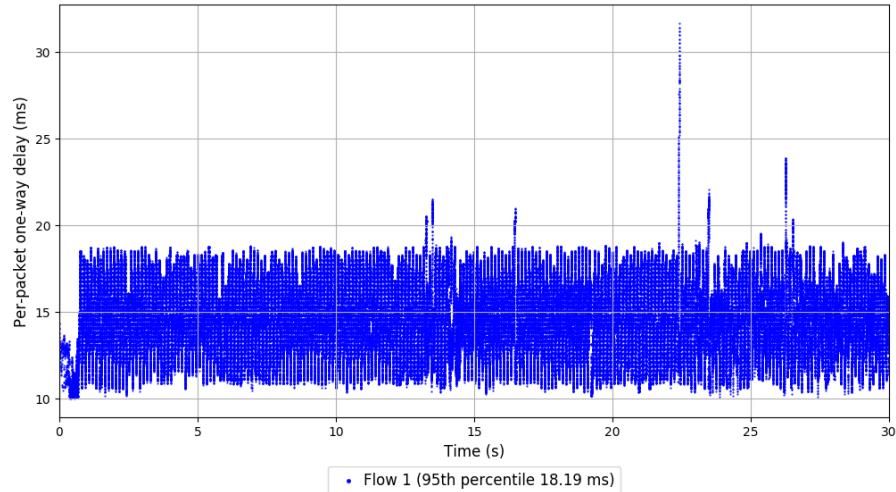
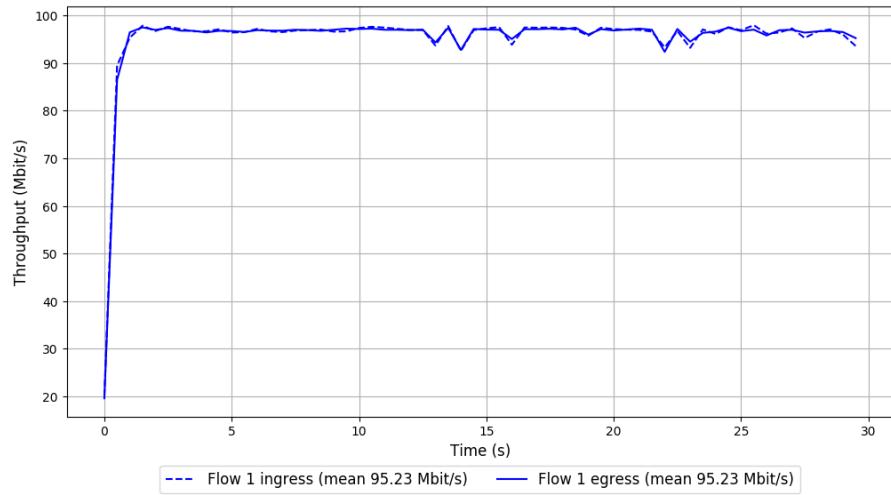


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: 2017-09-03 05:24:46
End at: 2017-09-03 05:25:16
Local clock offset: 2.198 ms
Remote clock offset: -3.661 ms

# Below is generated by plot.py at 2017-09-03 07:36:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.23 Mbit/s
95th percentile per-packet one-way delay: 18.189 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 95.23 Mbit/s
95th percentile per-packet one-way delay: 18.189 ms
Loss rate: 0.01%
```

Run 6: Report of CalibratedKoho — Data Link

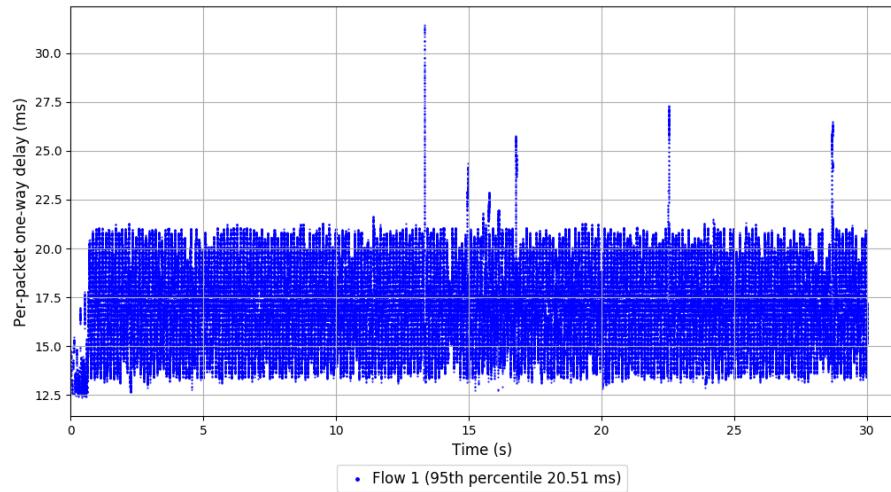
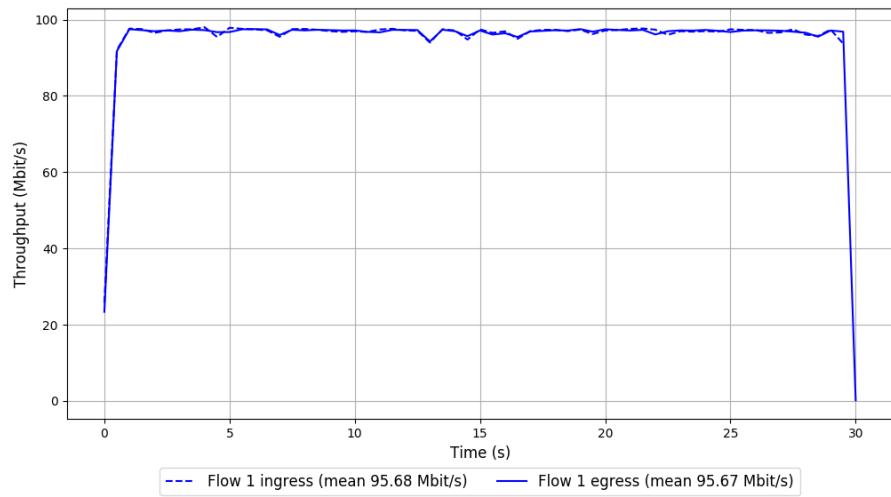


```
Run 7: Statistics of CalibratedKoho
```

```
Start at: 2017-09-03 05:42:45
End at: 2017-09-03 05:43:15
Local clock offset: -1.744 ms
Remote clock offset: -4.052 ms

# Below is generated by plot.py at 2017-09-03 07:36:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 20.509 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 20.509 ms
Loss rate: 0.00%
```

Run 7: Report of CalibratedKoho — Data Link

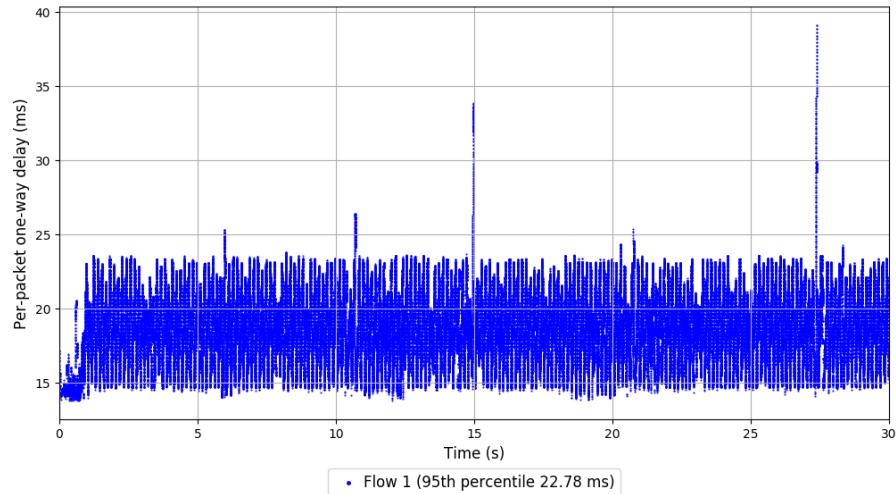
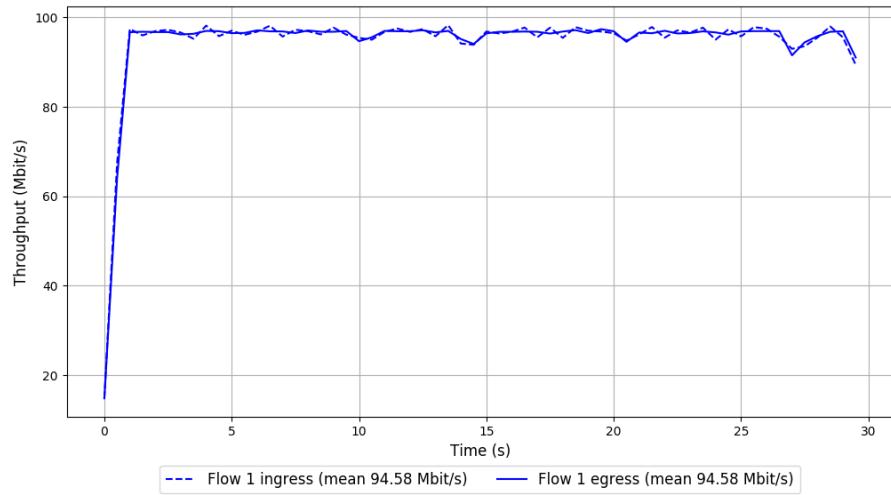


```
Run 8: Statistics of CalibratedKoho
```

```
Start at: 2017-09-03 06:00:50
End at: 2017-09-03 06:01:20
Local clock offset: 1.71 ms
Remote clock offset: -7.063 ms

# Below is generated by plot.py at 2017-09-03 07:36:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.58 Mbit/s
95th percentile per-packet one-way delay: 22.784 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 94.58 Mbit/s
95th percentile per-packet one-way delay: 22.784 ms
Loss rate: 0.03%
```

Run 8: Report of CalibratedKoho — Data Link

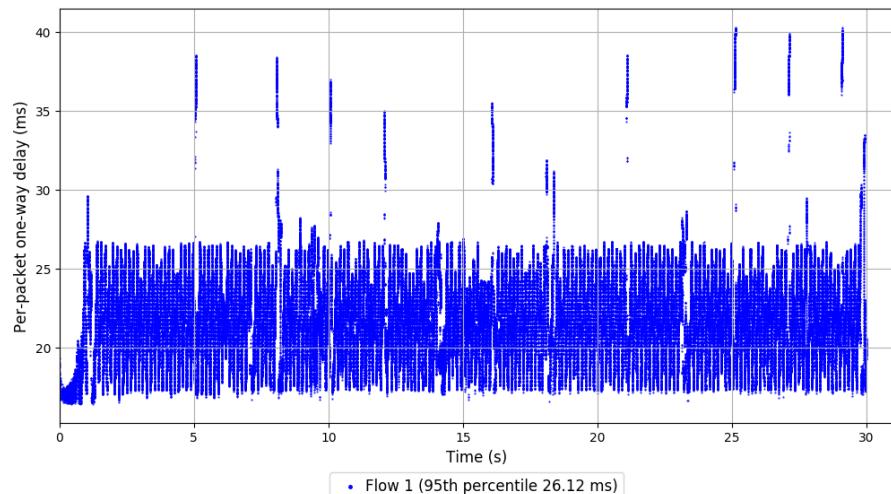
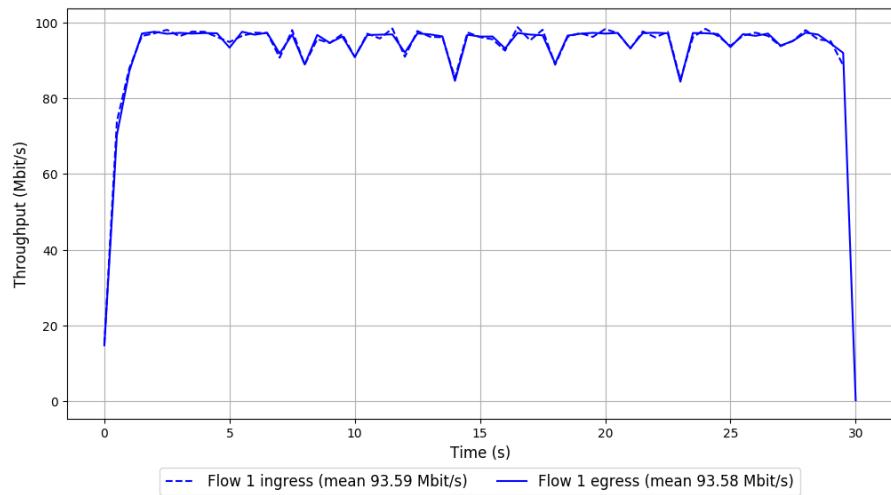


```
Run 9: Statistics of CalibratedKoho
```

```
Start at: 2017-09-03 06:18:51
End at: 2017-09-03 06:19:21
Local clock offset: 0.068 ms
Remote clock offset: -7.678 ms

# Below is generated by plot.py at 2017-09-03 07:36:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.58 Mbit/s
95th percentile per-packet one-way delay: 26.123 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 93.58 Mbit/s
95th percentile per-packet one-way delay: 26.123 ms
Loss rate: 0.01%
```

Run 9: Report of CalibratedKoho — Data Link

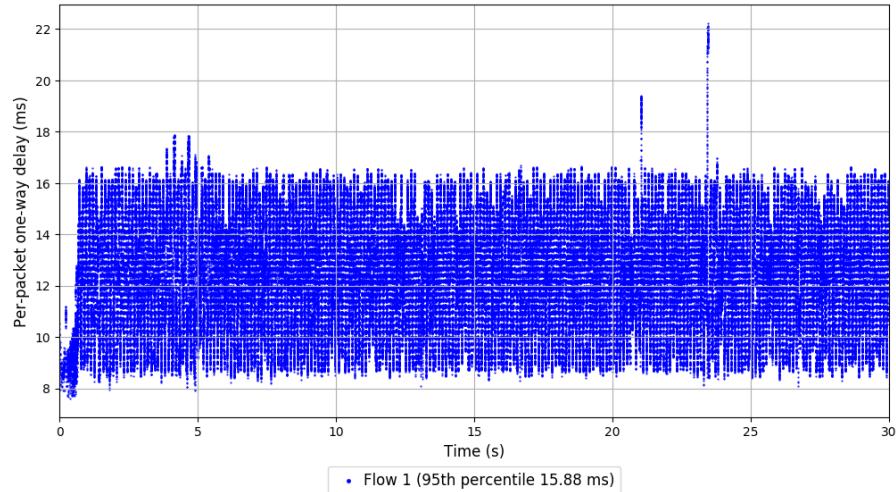
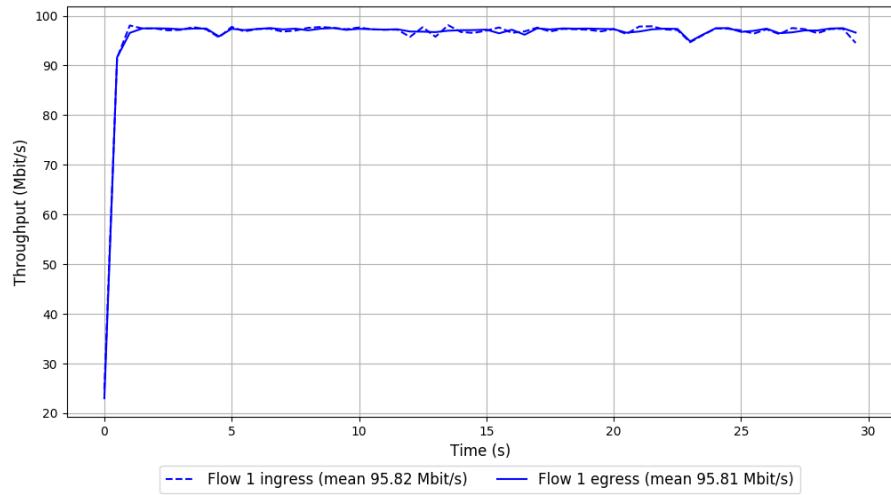


```
Run 10: Statistics of CalibratedKoho
```

```
Start at: 2017-09-03 06:37:03
End at: 2017-09-03 06:37:33
Local clock offset: 1.145 ms
Remote clock offset: -8.815 ms

# Below is generated by plot.py at 2017-09-03 07:36:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.81 Mbit/s
95th percentile per-packet one-way delay: 15.883 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.81 Mbit/s
95th percentile per-packet one-way delay: 15.883 ms
Loss rate: 0.00%
```

Run 10: Report of CalibratedKoho — Data Link

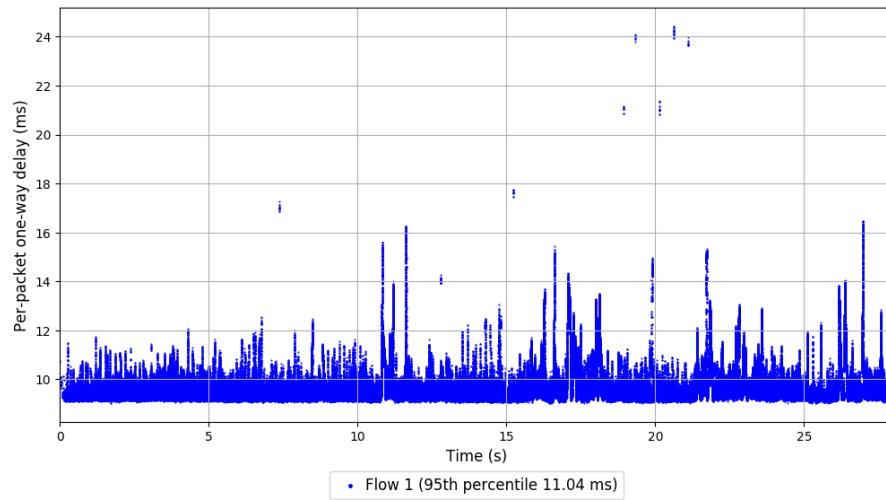
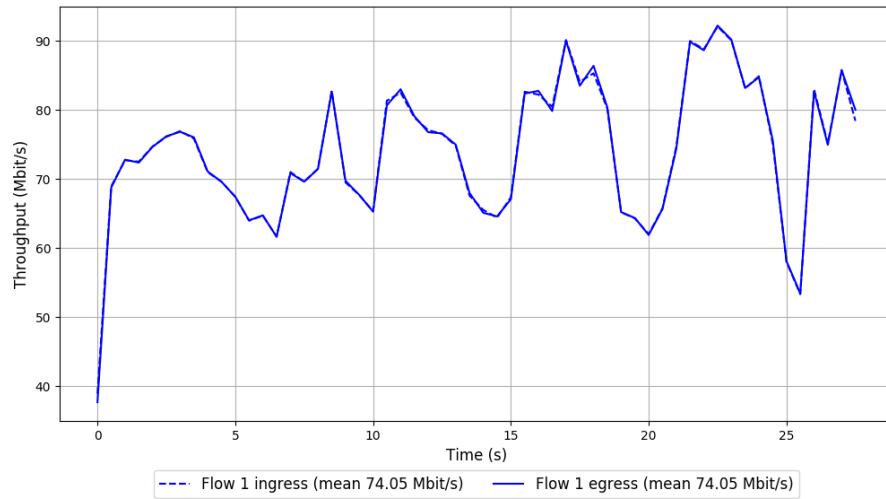


Run 1: Statistics of Copa

```
Start at: 2017-09-03 04:06:13
End at: 2017-09-03 04:06:43
Local clock offset: 1.101 ms
Remote clock offset: -5.854 ms

# Below is generated by plot.py at 2017-09-03 07:37:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.05 Mbit/s
95th percentile per-packet one-way delay: 11.043 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 74.05 Mbit/s
95th percentile per-packet one-way delay: 11.043 ms
Loss rate: 0.00%
```

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

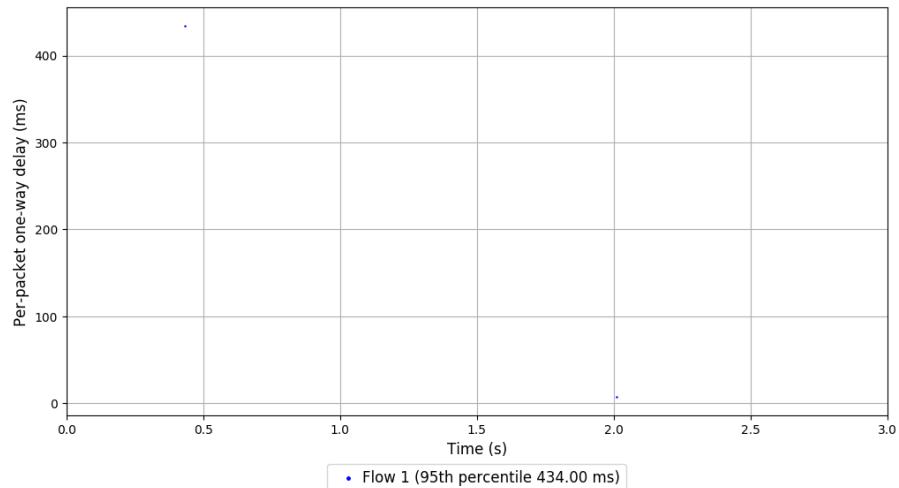
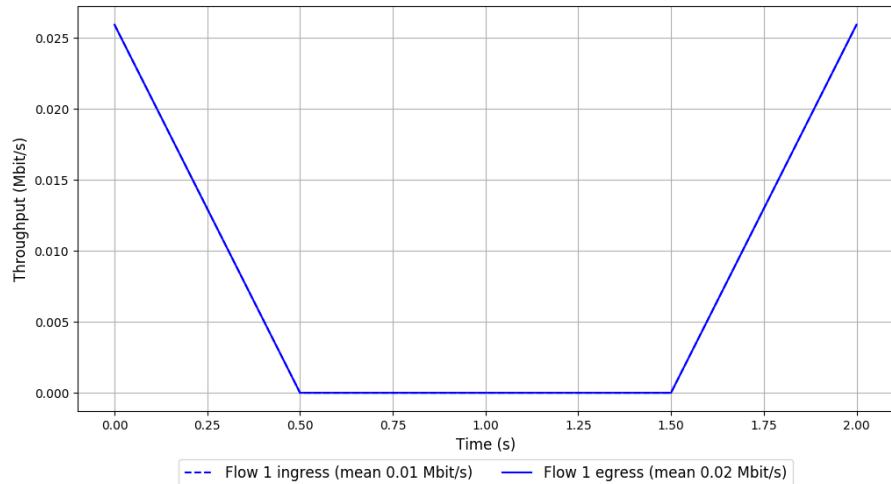
Start at: 2017-09-03 04:23:53

End at: 2017-09-03 04:24:23

Local clock offset: 3.281 ms

Remote clock offset: -5.744 ms

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

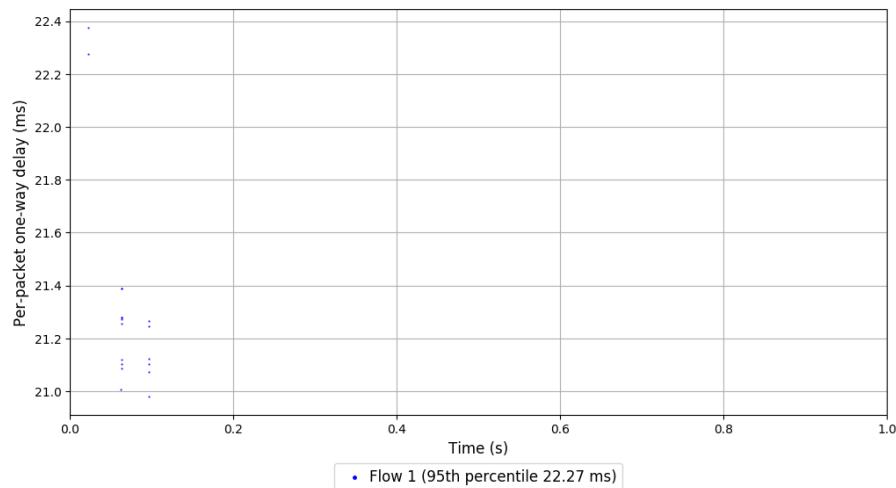
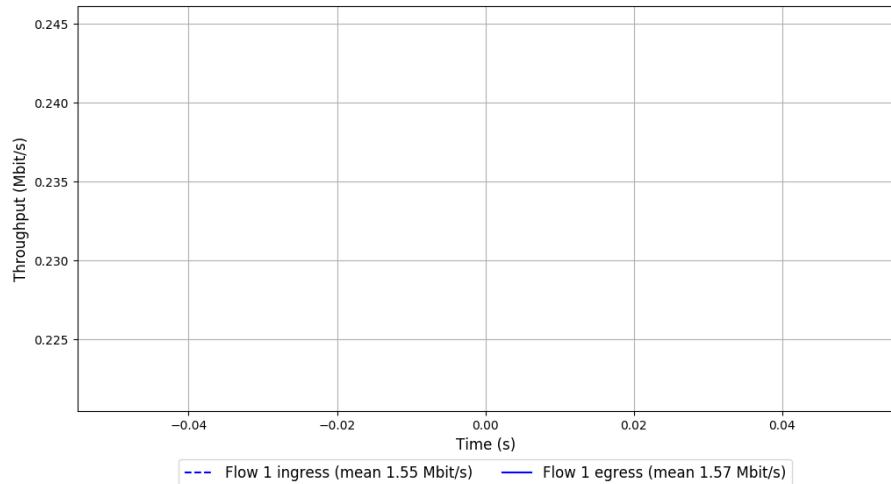
Start at: 2017-09-03 04:41:52

End at: 2017-09-03 04:42:22

Local clock offset: -4.005 ms

Remote clock offset: -6.107 ms

Run 3: Report of Copa — Data Link

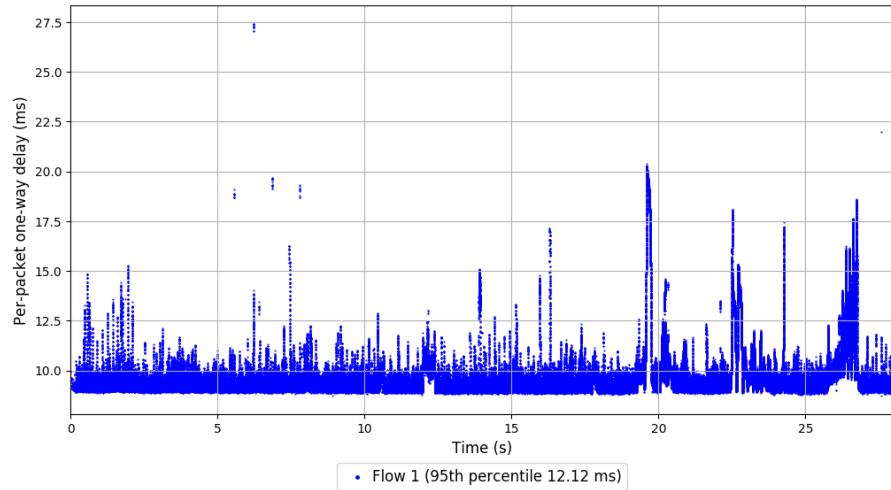
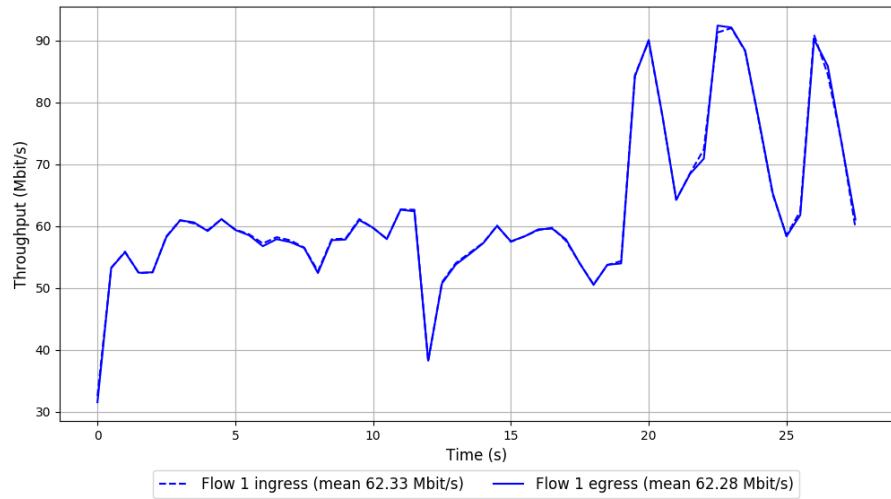


Run 4: Statistics of Copa

```
Start at: 2017-09-03 04:59:28
End at: 2017-09-03 04:59:58
Local clock offset: 0.987 ms
Remote clock offset: -5.27 ms

# Below is generated by plot.py at 2017-09-03 07:37:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.28 Mbit/s
95th percentile per-packet one-way delay: 12.115 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 62.28 Mbit/s
95th percentile per-packet one-way delay: 12.115 ms
Loss rate: 0.08%
```

Run 4: Report of Copa — Data Link

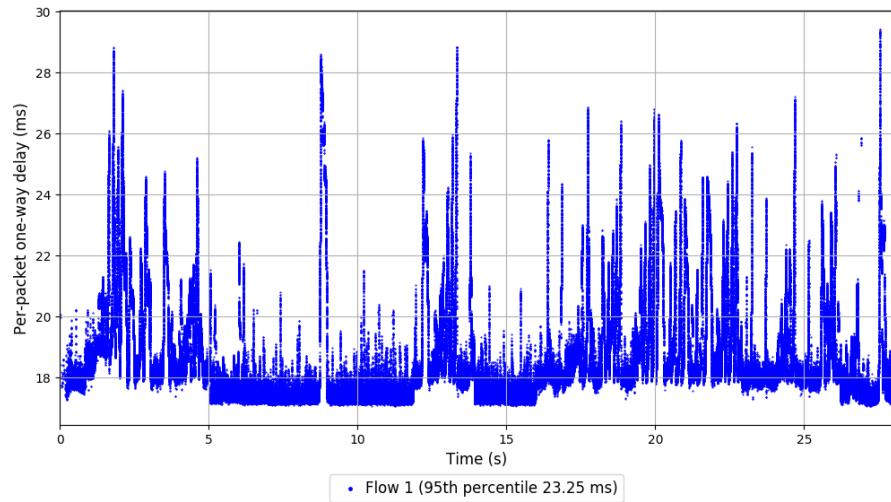
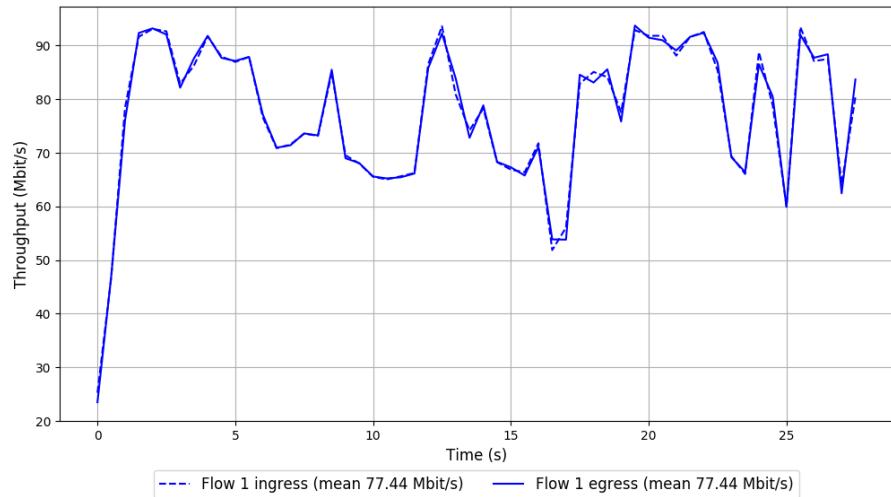


Run 5: Statistics of Copa

```
Start at: 2017-09-03 05:17:32
End at: 2017-09-03 05:18:02
Local clock offset: 0.04 ms
Remote clock offset: -3.213 ms

# Below is generated by plot.py at 2017-09-03 07:37:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.44 Mbit/s
95th percentile per-packet one-way delay: 23.249 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 77.44 Mbit/s
95th percentile per-packet one-way delay: 23.249 ms
Loss rate: 0.02%
```

Run 5: Report of Copa — Data Link

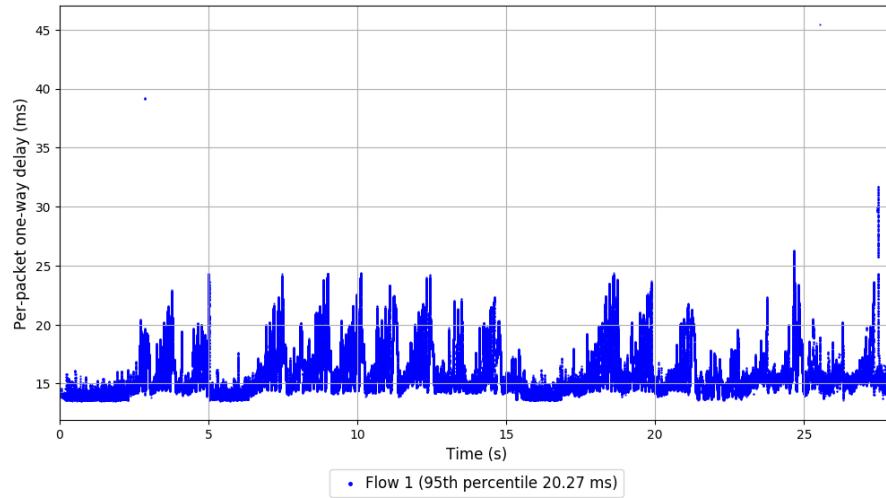
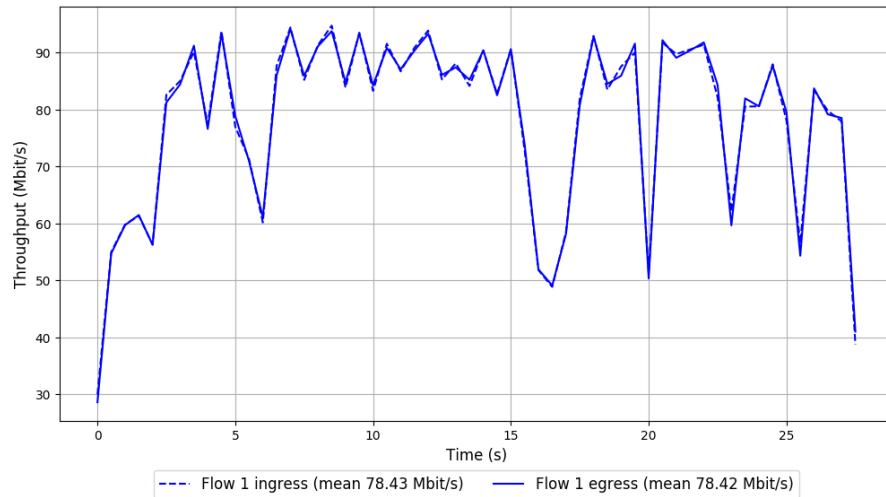


Run 6: Statistics of Copa

```
Start at: 2017-09-03 05:35:31
End at: 2017-09-03 05:36:02
Local clock offset: 0.332 ms
Remote clock offset: -2.361 ms

# Below is generated by plot.py at 2017-09-03 07:37:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.42 Mbit/s
95th percentile per-packet one-way delay: 20.271 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 78.42 Mbit/s
95th percentile per-packet one-way delay: 20.271 ms
Loss rate: 0.00%
```

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

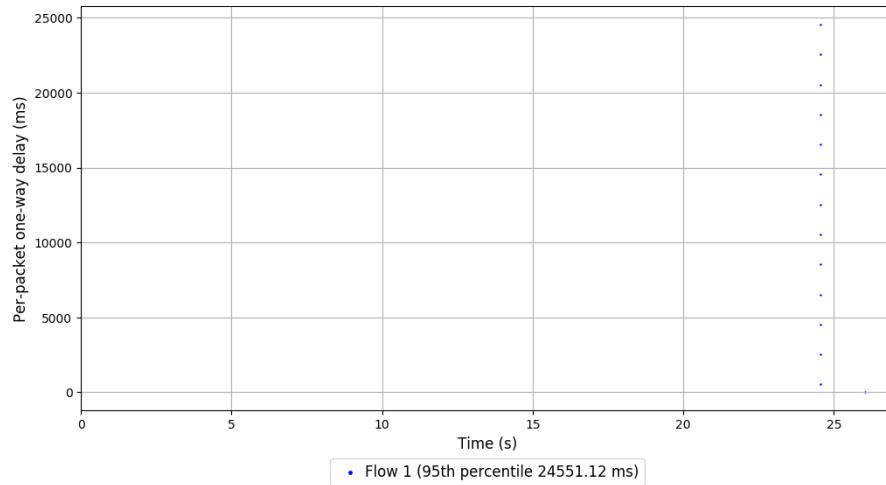
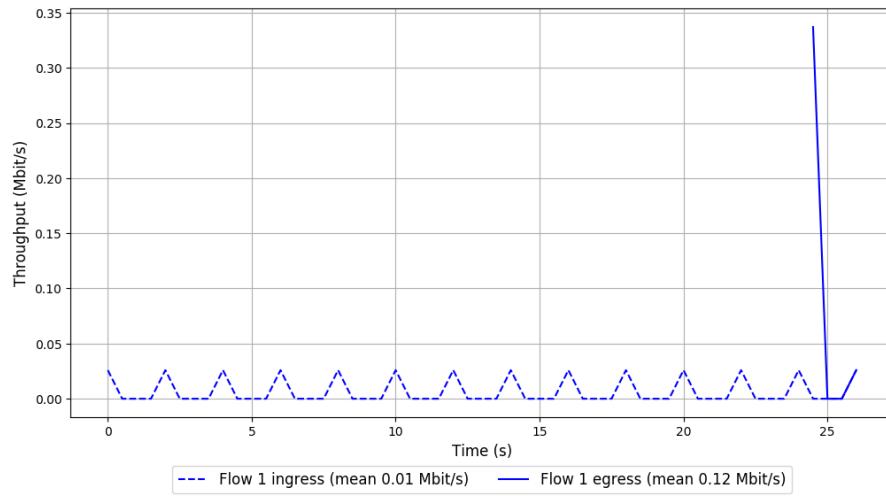
Start at: 2017-09-03 05:53:46

End at: 2017-09-03 05:54:16

Local clock offset: -0.907 ms

Remote clock offset: -4.184 ms

Run 7: Report of Copa — Data Link

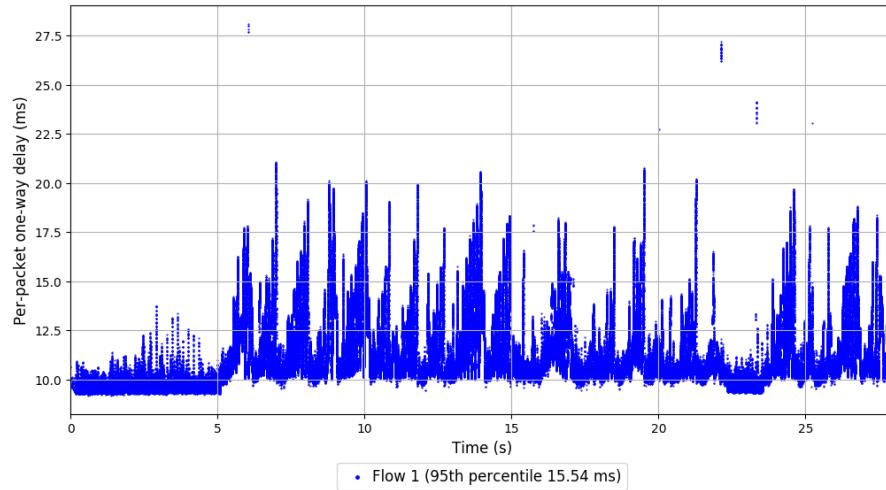
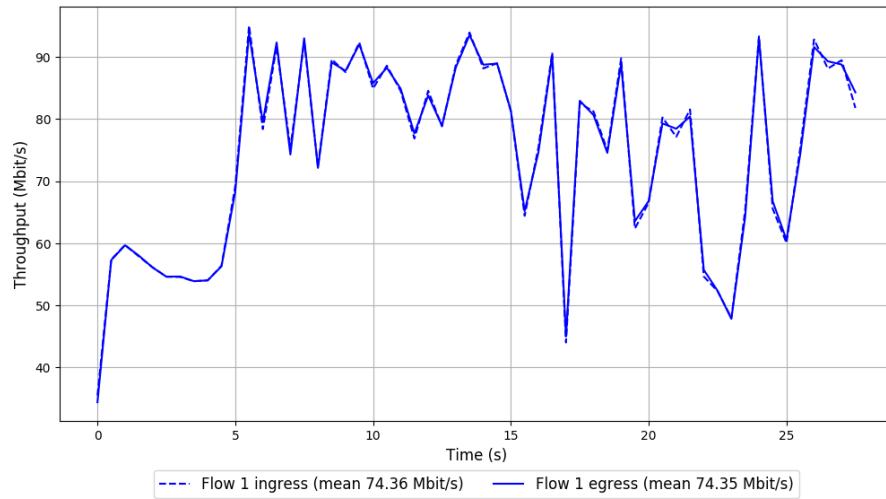


Run 8: Statistics of Copa

```
Start at: 2017-09-03 06:11:42
End at: 2017-09-03 06:12:12
Local clock offset: -0.908 ms
Remote clock offset: -8.487 ms

# Below is generated by plot.py at 2017-09-03 07:37:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.35 Mbit/s
95th percentile per-packet one-way delay: 15.541 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 74.35 Mbit/s
95th percentile per-packet one-way delay: 15.541 ms
Loss rate: 0.00%
```

Run 8: Report of Copa — Data Link

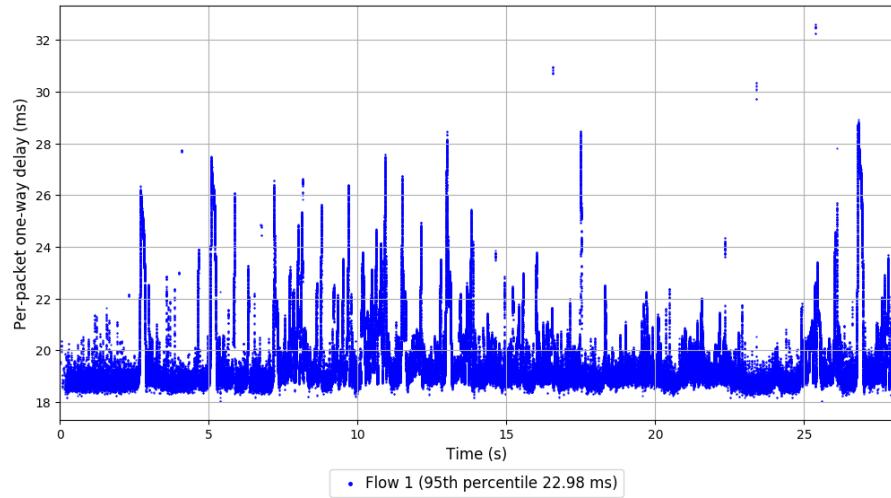
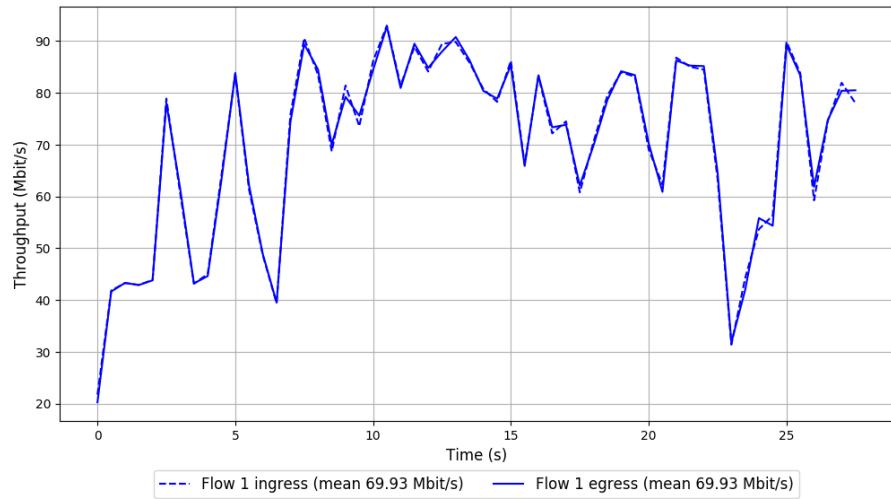


Run 9: Statistics of Copa

```
Start at: 2017-09-03 06:29:52
End at: 2017-09-03 06:30:22
Local clock offset: -2.391 ms
Remote clock offset: -9.073 ms

# Below is generated by plot.py at 2017-09-03 07:37:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.93 Mbit/s
95th percentile per-packet one-way delay: 22.975 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 69.93 Mbit/s
95th percentile per-packet one-way delay: 22.975 ms
Loss rate: 0.02%
```

Run 9: Report of Copa — Data Link

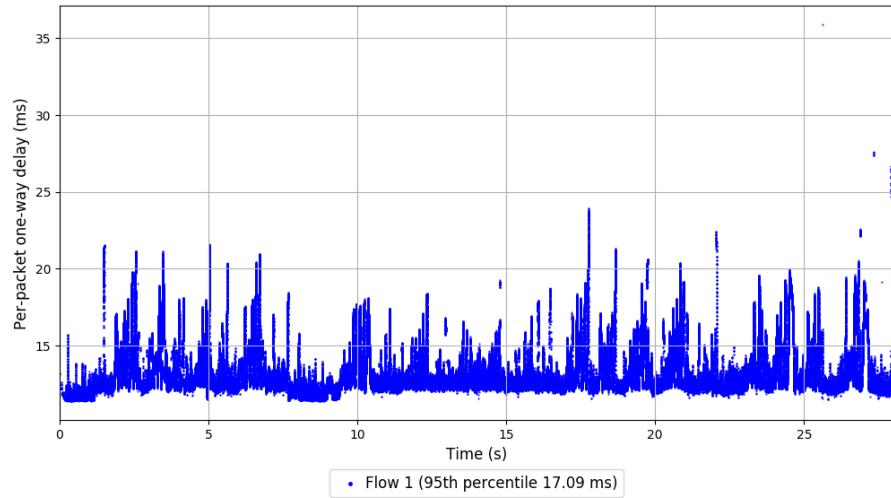
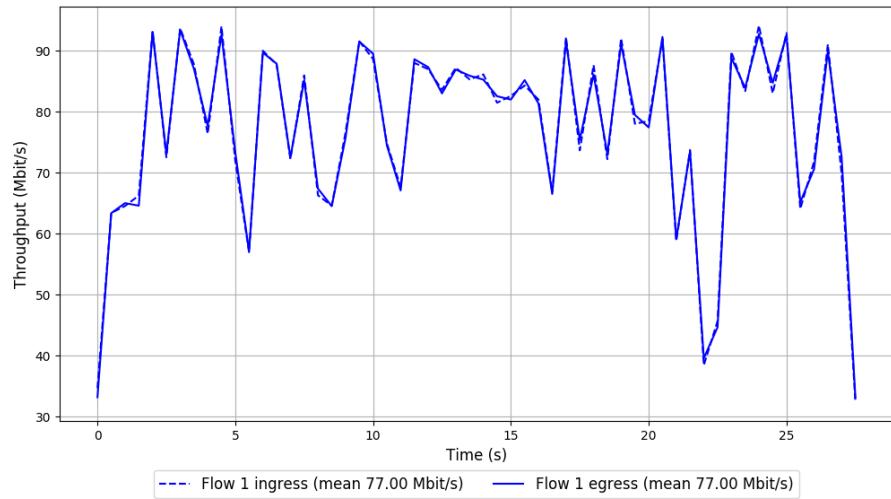


Run 10: Statistics of Copa

```
Start at: 2017-09-03 06:48:06
End at: 2017-09-03 06:48:36
Local clock offset: 0.369 ms
Remote clock offset: -7.143 ms

# Below is generated by plot.py at 2017-09-03 07:37:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.00 Mbit/s
95th percentile per-packet one-way delay: 17.087 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 77.00 Mbit/s
95th percentile per-packet one-way delay: 17.087 ms
Loss rate: 0.01%
```

Run 10: Report of Copa — Data Link

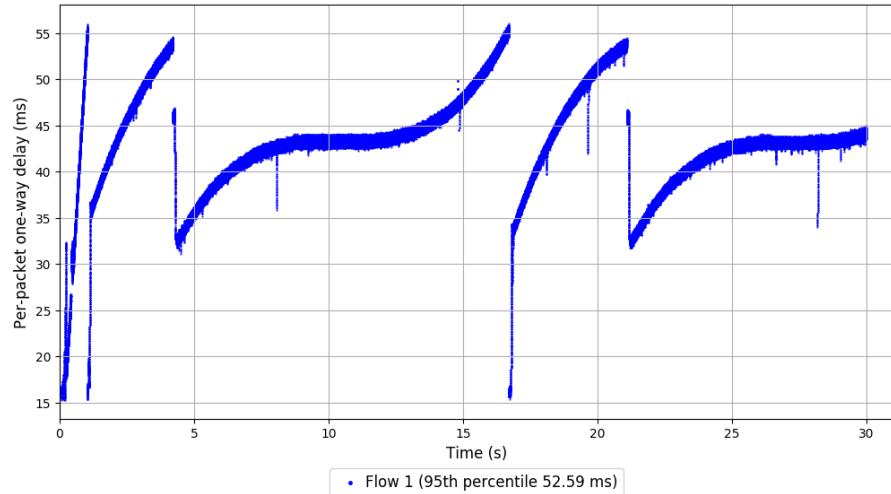
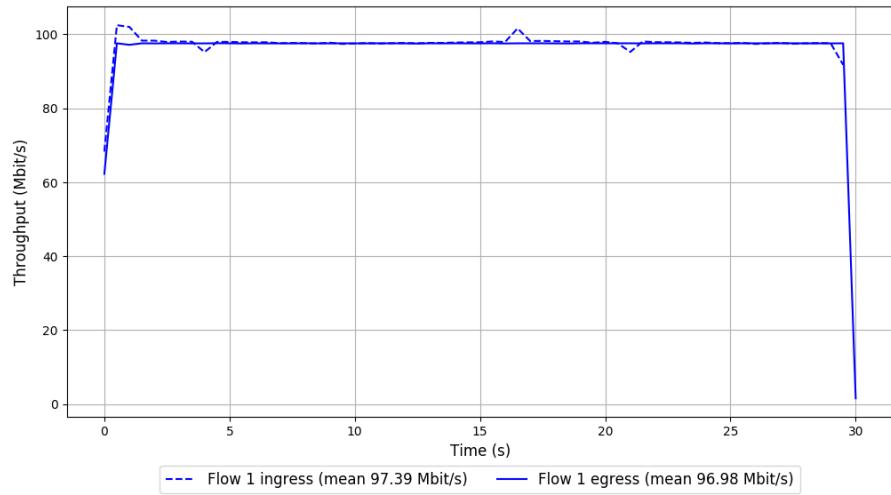


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2017-09-03 04:01:22
End at: 2017-09-03 04:01:52
Local clock offset: 1.423 ms
Remote clock offset: -6.213 ms

# Below is generated by plot.py at 2017-09-03 07:37:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.98 Mbit/s
95th percentile per-packet one-way delay: 52.589 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 96.98 Mbit/s
95th percentile per-packet one-way delay: 52.589 ms
Loss rate: 0.34%
```

Run 1: Report of TCP Cubic — Data Link

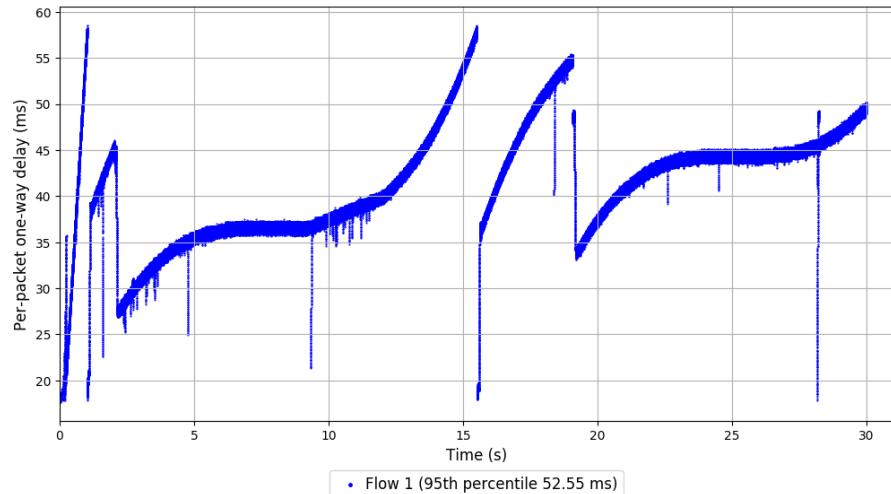
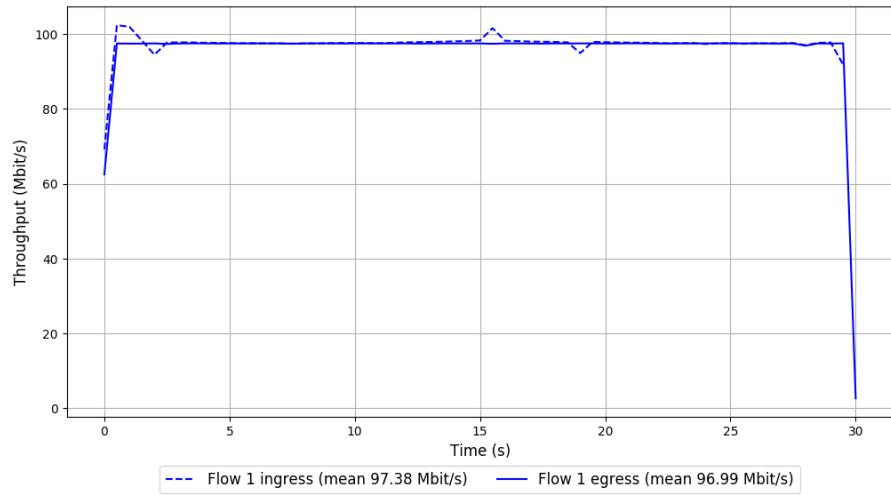


Run 2: Statistics of TCP Cubic

```
Start at: 2017-09-03 04:19:09
End at: 2017-09-03 04:19:39
Local clock offset: -1.099 ms
Remote clock offset: -5.966 ms

# Below is generated by plot.py at 2017-09-03 07:38:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.99 Mbit/s
95th percentile per-packet one-way delay: 52.545 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 96.99 Mbit/s
95th percentile per-packet one-way delay: 52.545 ms
Loss rate: 0.32%
```

Run 2: Report of TCP Cubic — Data Link

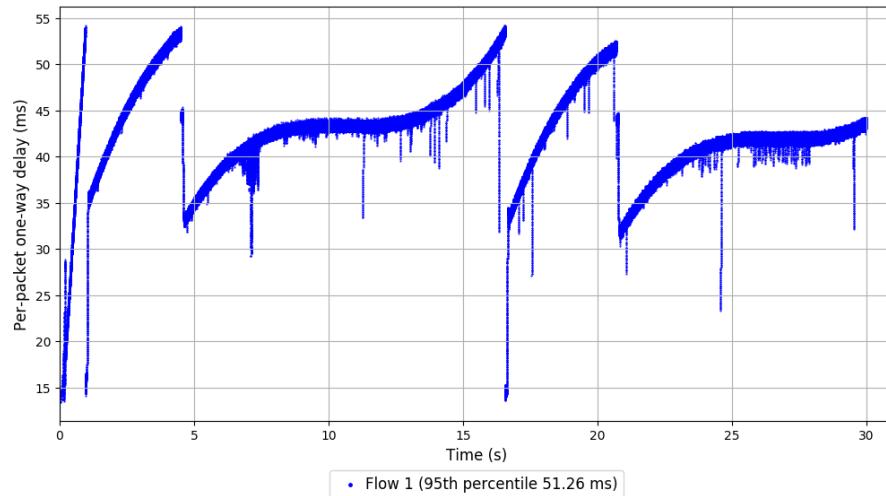
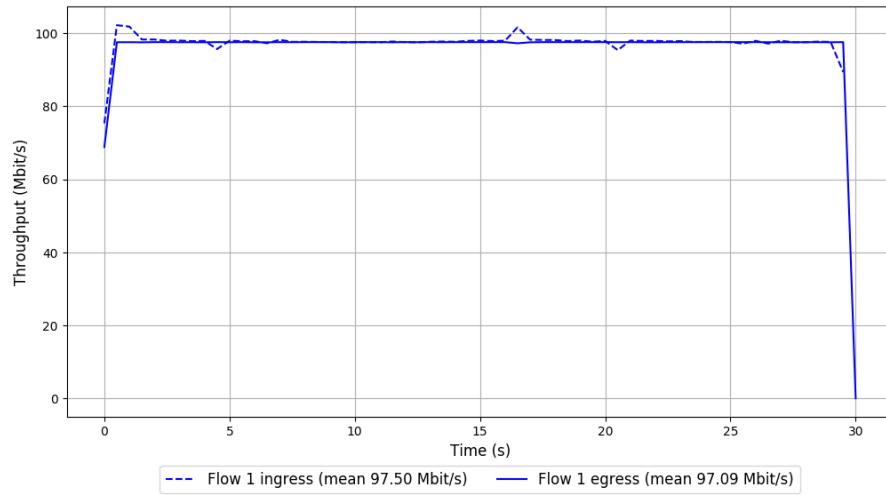


Run 3: Statistics of TCP Cubic

```
Start at: 2017-09-03 04:36:49
End at: 2017-09-03 04:37:19
Local clock offset: -1.376 ms
Remote clock offset: -5.948 ms

# Below is generated by plot.py at 2017-09-03 07:38:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 51.263 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 51.263 ms
Loss rate: 0.33%
```

Run 3: Report of TCP Cubic — Data Link

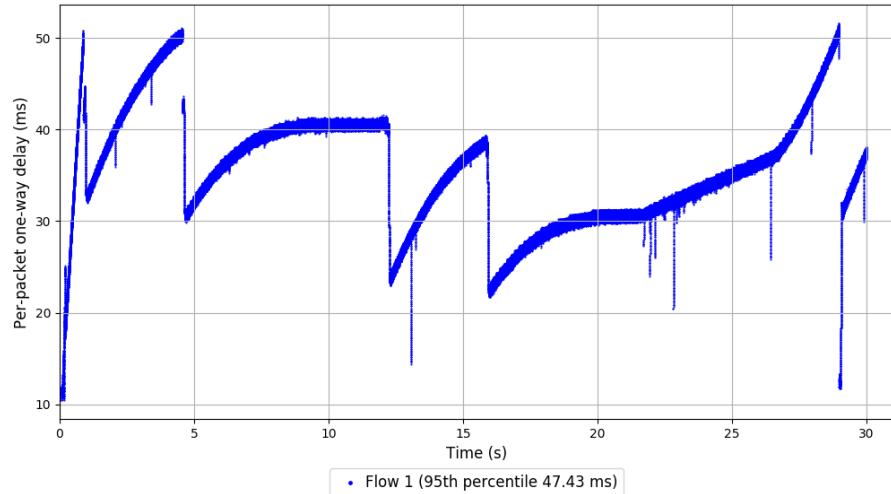
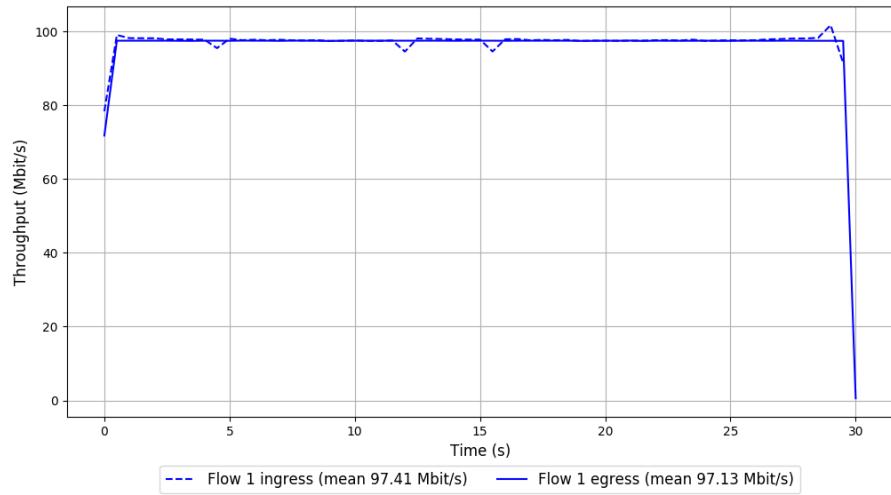


Run 4: Statistics of TCP Cubic

```
Start at: 2017-09-03 04:54:38
End at: 2017-09-03 04:55:08
Local clock offset: 0.949 ms
Remote clock offset: -4.21 ms

# Below is generated by plot.py at 2017-09-03 07:38:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 47.431 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 47.431 ms
Loss rate: 0.19%
```

Run 4: Report of TCP Cubic — Data Link

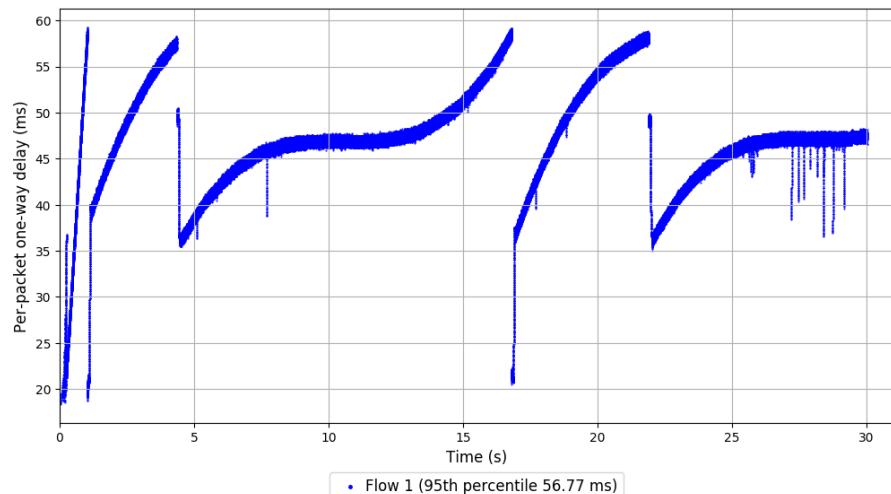
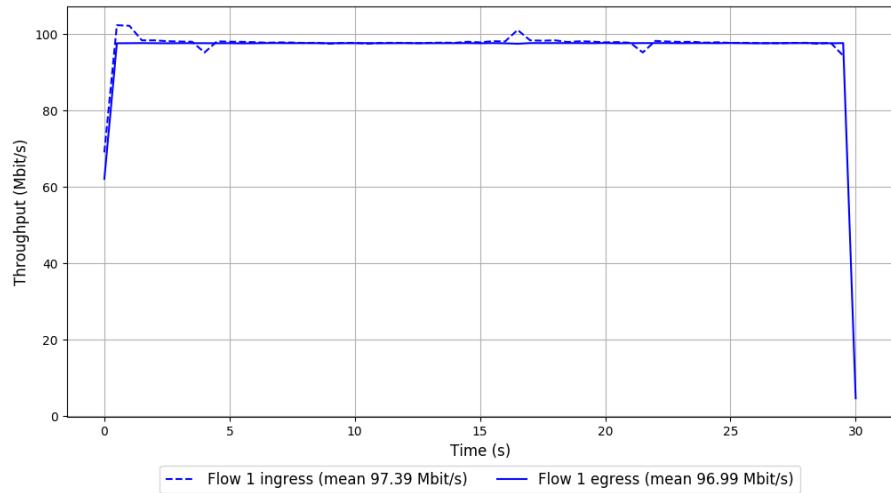


Run 5: Statistics of TCP Cubic

```
Start at: 2017-09-03 05:12:33
End at: 2017-09-03 05:13:03
Local clock offset: -0.647 ms
Remote clock offset: -2.855 ms

# Below is generated by plot.py at 2017-09-03 07:38:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.99 Mbit/s
95th percentile per-packet one-way delay: 56.773 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 96.99 Mbit/s
95th percentile per-packet one-way delay: 56.773 ms
Loss rate: 0.34%
```

Run 5: Report of TCP Cubic — Data Link

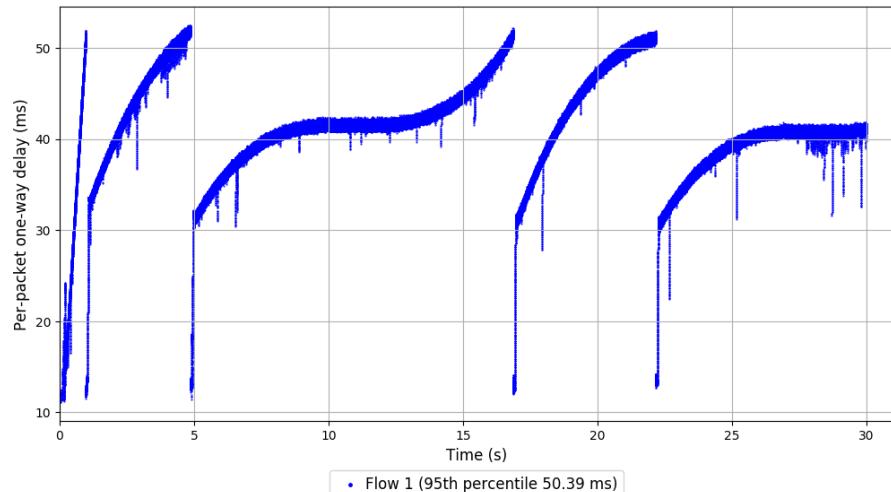
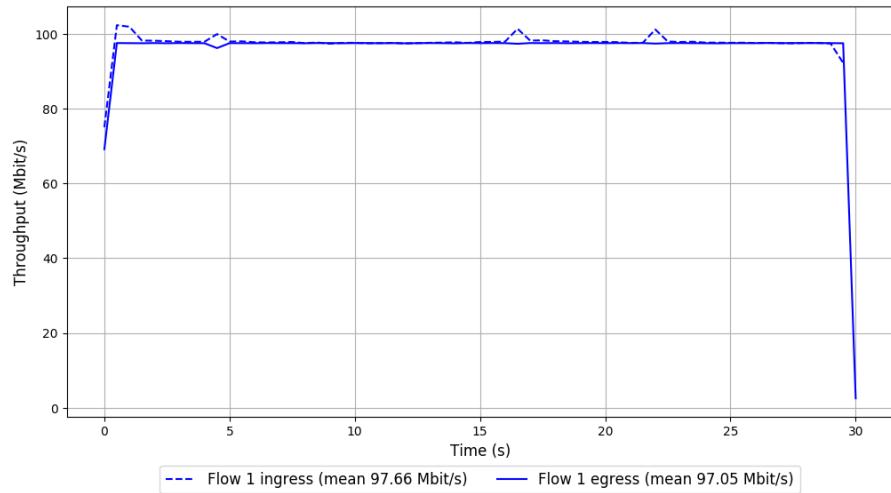


Run 6: Statistics of TCP Cubic

```
Start at: 2017-09-03 05:30:46
End at: 2017-09-03 05:31:16
Local clock offset: 1.263 ms
Remote clock offset: -3.713 ms

# Below is generated by plot.py at 2017-09-03 07:38:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 50.393 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 50.393 ms
Loss rate: 0.53%
```

Run 6: Report of TCP Cubic — Data Link

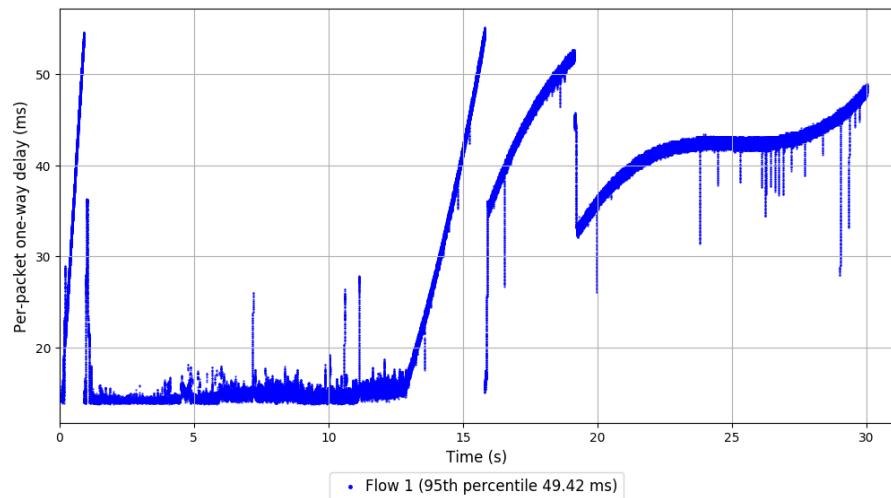
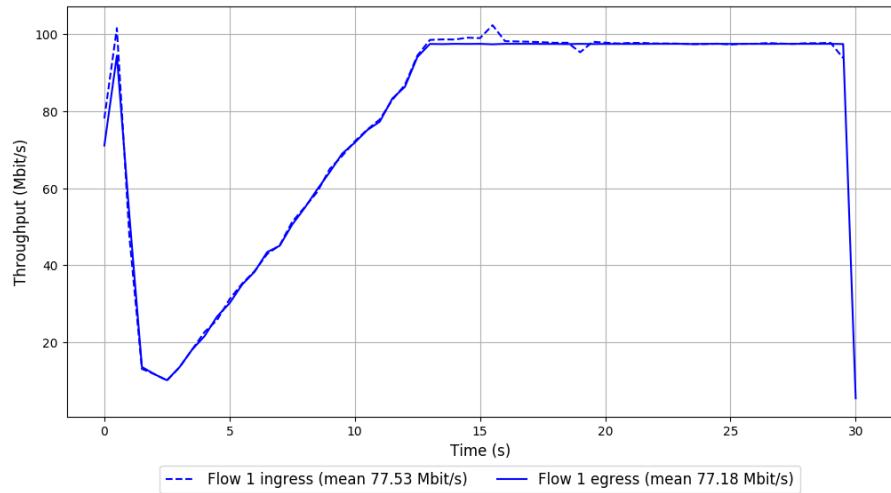


Run 7: Statistics of TCP Cubic

```
Start at: 2017-09-03 05:48:58
End at: 2017-09-03 05:49:29
Local clock offset: -5.138 ms
Remote clock offset: -6.018 ms

# Below is generated by plot.py at 2017-09-03 07:38:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.18 Mbit/s
95th percentile per-packet one-way delay: 49.421 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 77.18 Mbit/s
95th percentile per-packet one-way delay: 49.421 ms
Loss rate: 0.37%
```

Run 7: Report of TCP Cubic — Data Link

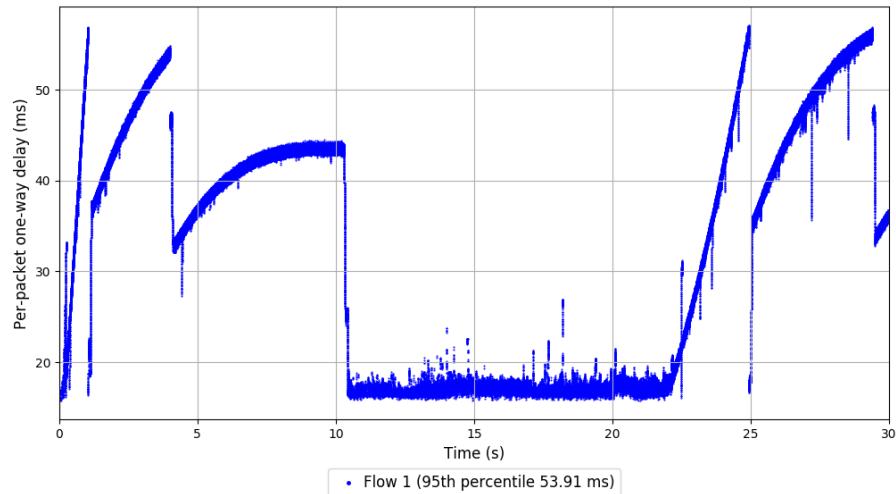
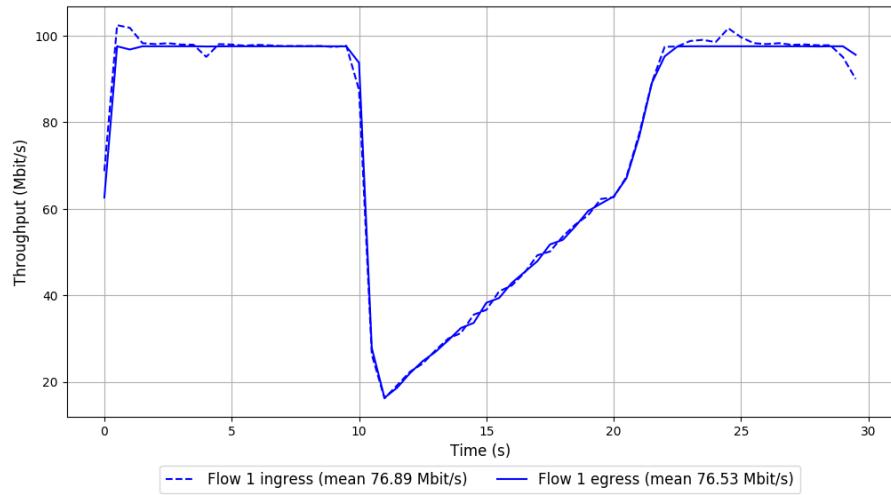


Run 8: Statistics of TCP Cubic

```
Start at: 2017-09-03 06:06:47
End at: 2017-09-03 06:07:18
Local clock offset: -0.19 ms
Remote clock offset: -7.595 ms

# Below is generated by plot.py at 2017-09-03 07:38:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.53 Mbit/s
95th percentile per-packet one-way delay: 53.908 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 76.53 Mbit/s
95th percentile per-packet one-way delay: 53.908 ms
Loss rate: 0.44%
```

Run 8: Report of TCP Cubic — Data Link

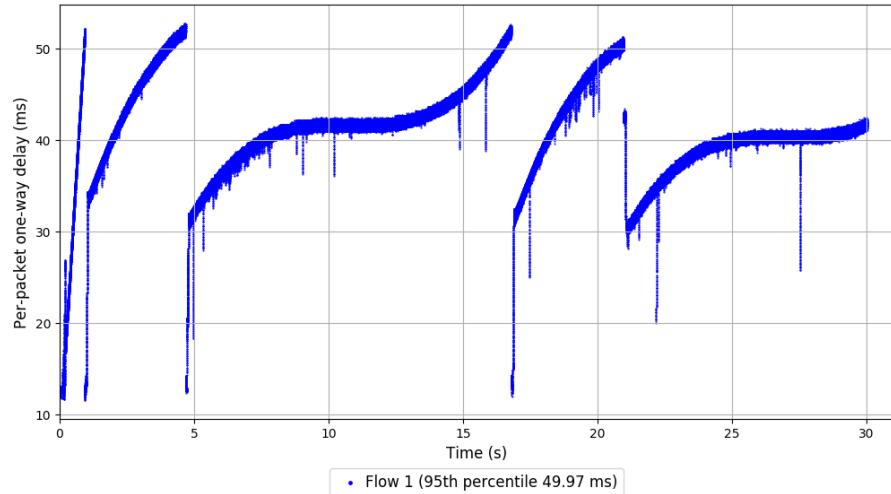
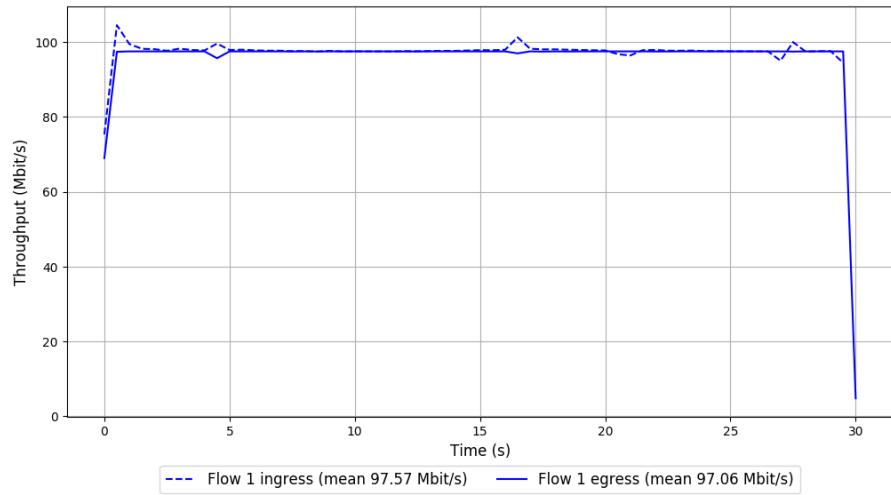


Run 9: Statistics of TCP Cubic

```
Start at: 2017-09-03 06:24:55
End at: 2017-09-03 06:25:25
Local clock offset: 0.044 ms
Remote clock offset: -8.46 ms

# Below is generated by plot.py at 2017-09-03 07:38:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.06 Mbit/s
95th percentile per-packet one-way delay: 49.967 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 97.06 Mbit/s
95th percentile per-packet one-way delay: 49.967 ms
Loss rate: 0.44%
```

Run 9: Report of TCP Cubic — Data Link

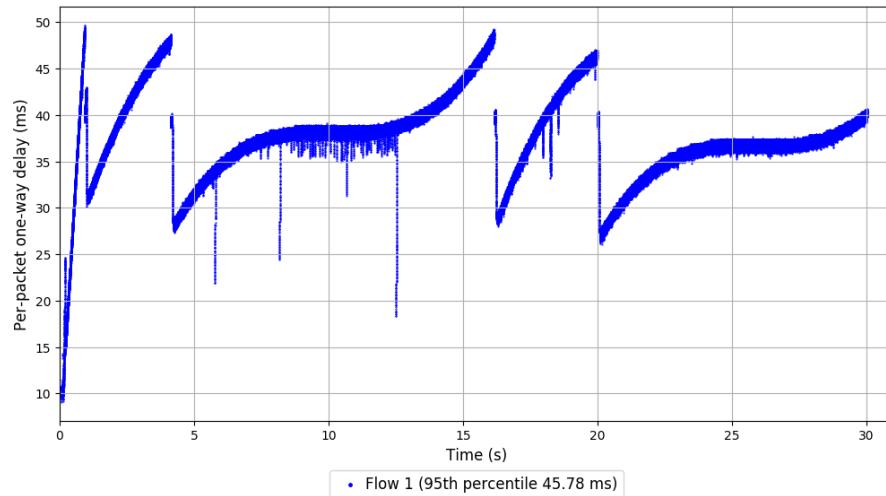
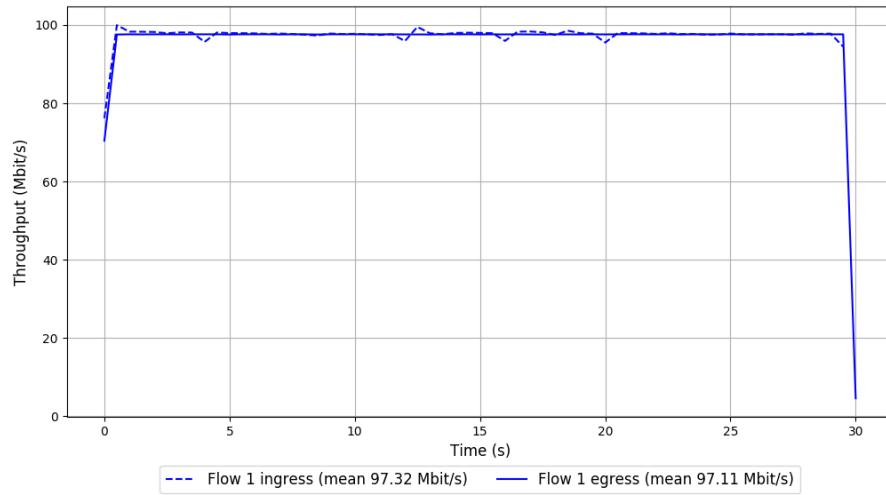


```
Run 10: Statistics of TCP Cubic
```

```
Start at: 2017-09-03 06:43:05
End at: 2017-09-03 06:43:35
Local clock offset: 0.788 ms
Remote clock offset: -8.122 ms

# Below is generated by plot.py at 2017-09-03 07:38:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 45.779 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 45.779 ms
Loss rate: 0.12%
```

Run 10: Report of TCP Cubic — Data Link

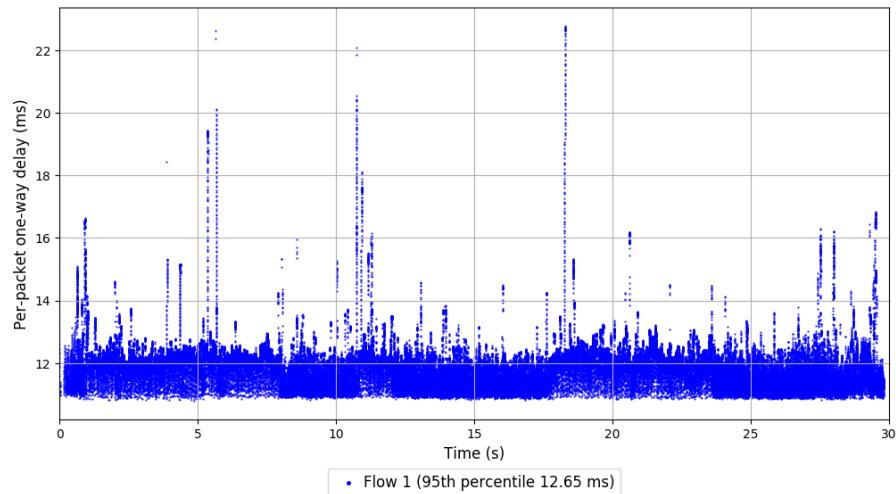
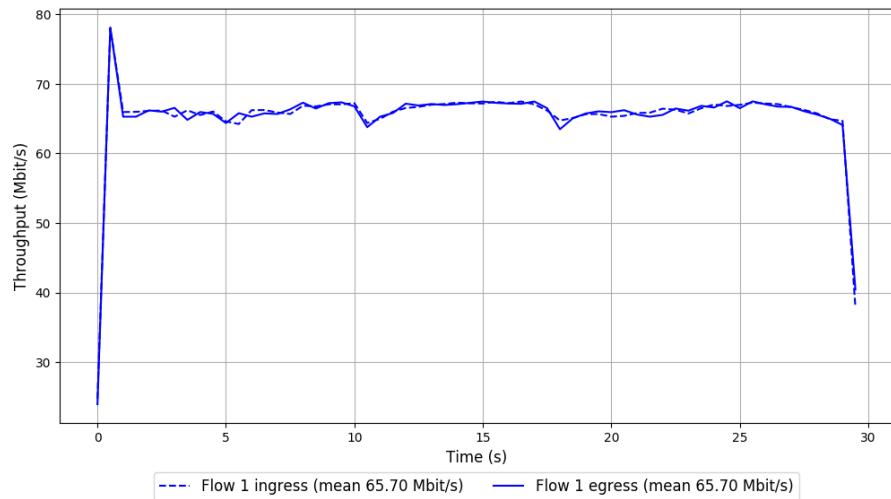


Run 1: Statistics of Indigo

```
Start at: 2017-09-03 03:58:52
End at: 2017-09-03 03:59:22
Local clock offset: 1.22 ms
Remote clock offset: -5.856 ms

# Below is generated by plot.py at 2017-09-03 07:38:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.70 Mbit/s
95th percentile per-packet one-way delay: 12.646 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 65.70 Mbit/s
95th percentile per-packet one-way delay: 12.646 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo — Data Link

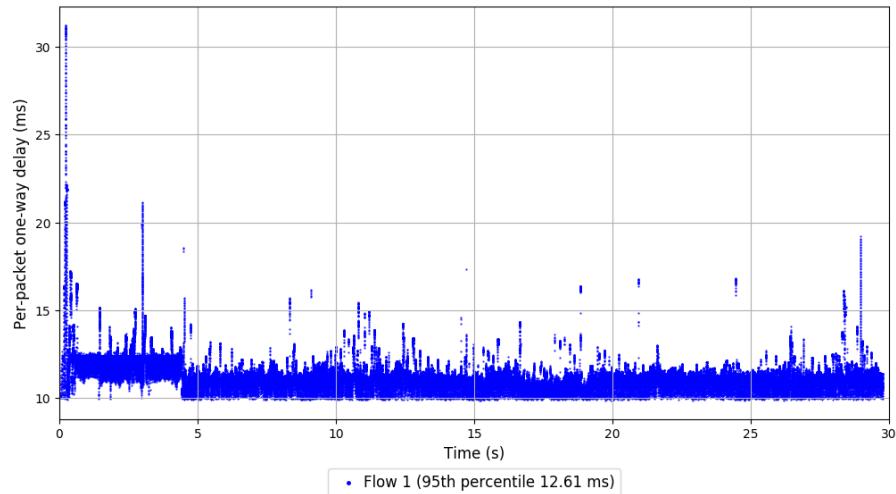
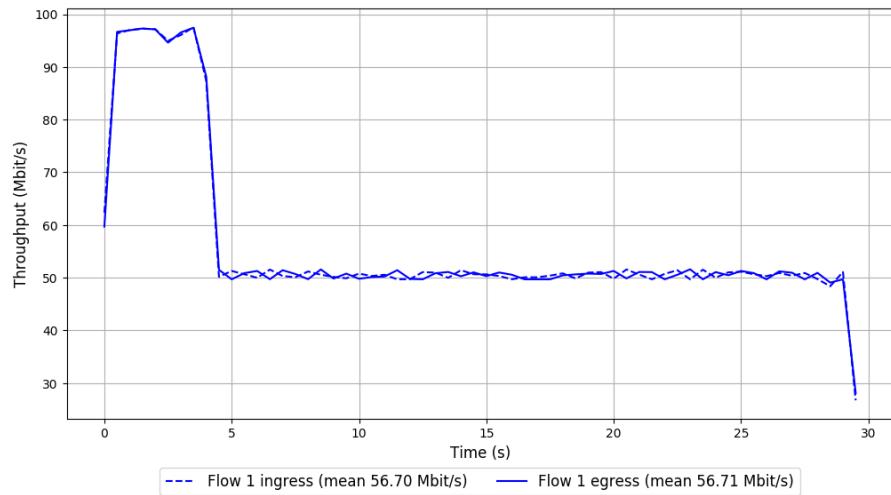


Run 2: Statistics of Indigo

```
Start at: 2017-09-03 04:16:45
End at: 2017-09-03 04:17:15
Local clock offset: 0.096 ms
Remote clock offset: -5.769 ms

# Below is generated by plot.py at 2017-09-03 07:39:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.71 Mbit/s
95th percentile per-packet one-way delay: 12.605 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.71 Mbit/s
95th percentile per-packet one-way delay: 12.605 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo — Data Link

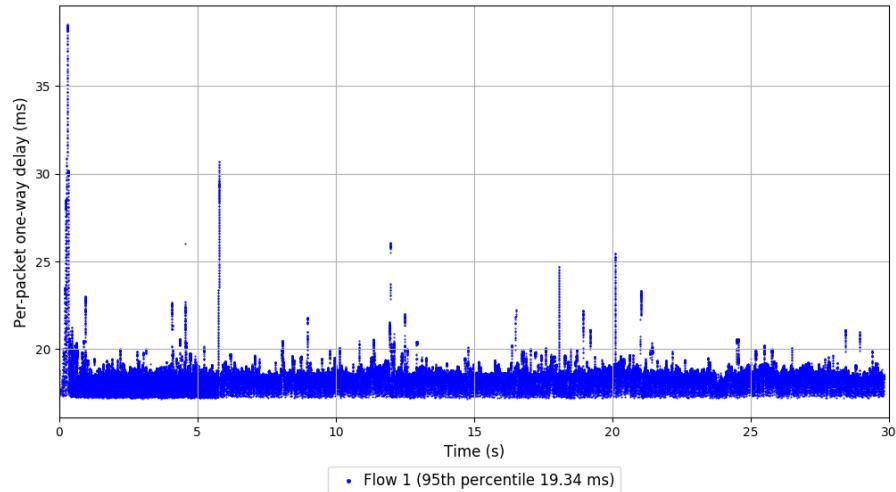
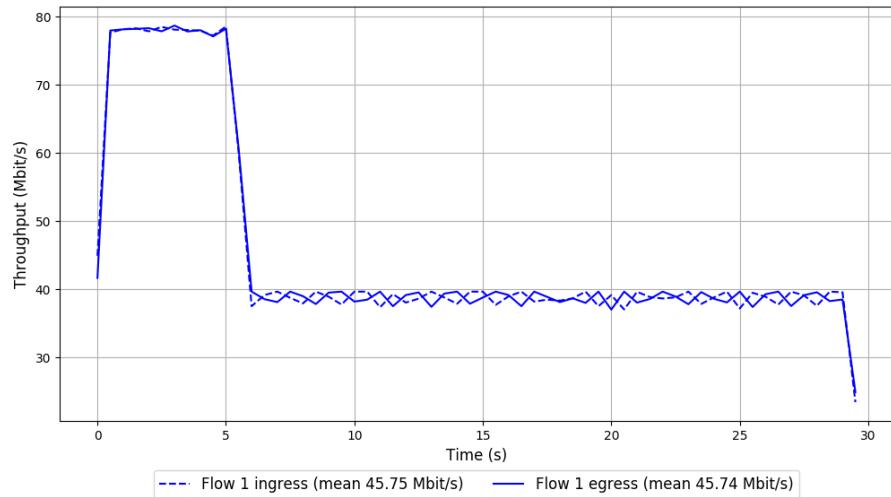


Run 3: Statistics of Indigo

```
Start at: 2017-09-03 04:34:28
End at: 2017-09-03 04:34:59
Local clock offset: -1.453 ms
Remote clock offset: -6.987 ms

# Below is generated by plot.py at 2017-09-03 07:39:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.74 Mbit/s
95th percentile per-packet one-way delay: 19.340 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 45.74 Mbit/s
95th percentile per-packet one-way delay: 19.340 ms
Loss rate: 0.04%
```

Run 3: Report of Indigo — Data Link

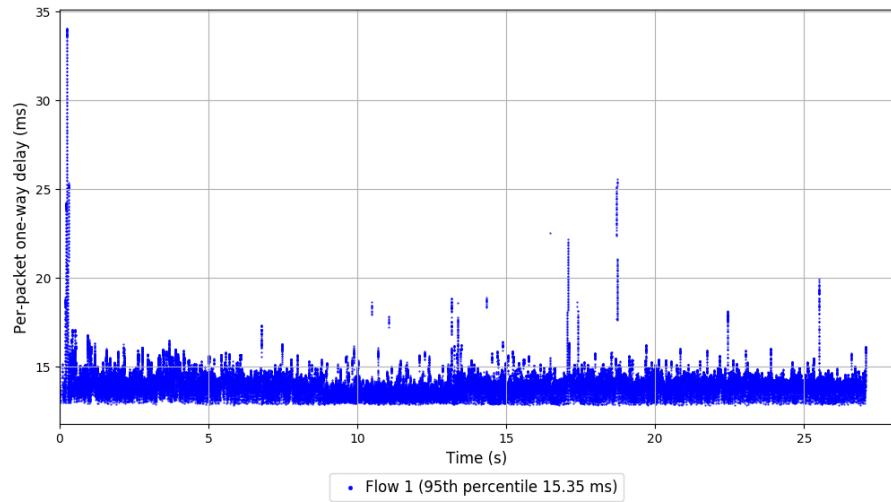
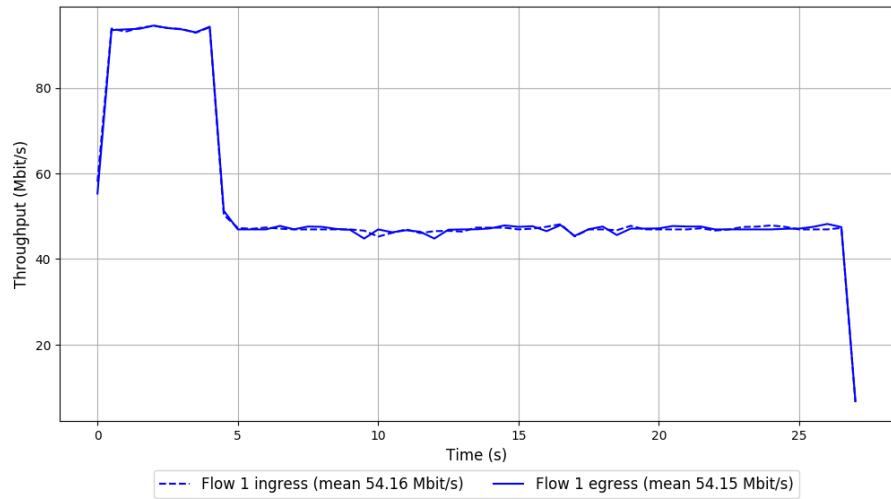


Run 4: Statistics of Indigo

```
Start at: 2017-09-03 04:52:17
End at: 2017-09-03 04:52:47
Local clock offset: -1.482 ms
Remote clock offset: -6.151 ms

# Below is generated by plot.py at 2017-09-03 07:39:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.15 Mbit/s
95th percentile per-packet one-way delay: 15.349 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 54.15 Mbit/s
95th percentile per-packet one-way delay: 15.349 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo — Data Link

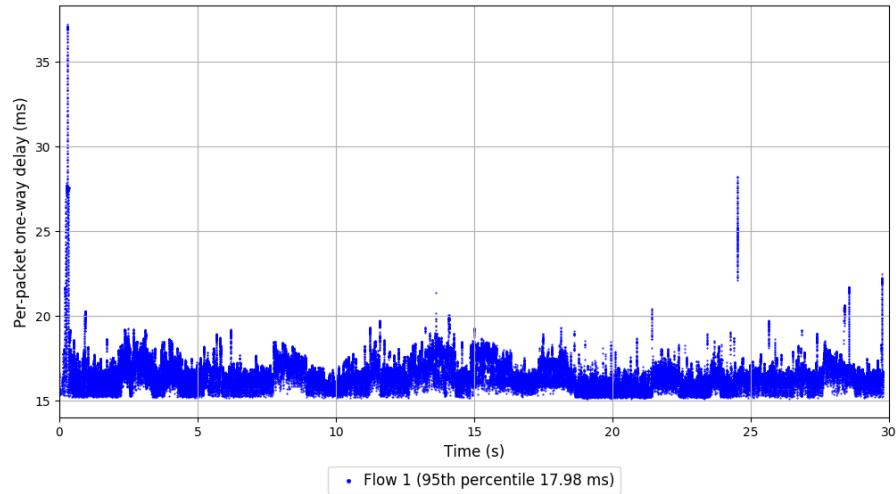
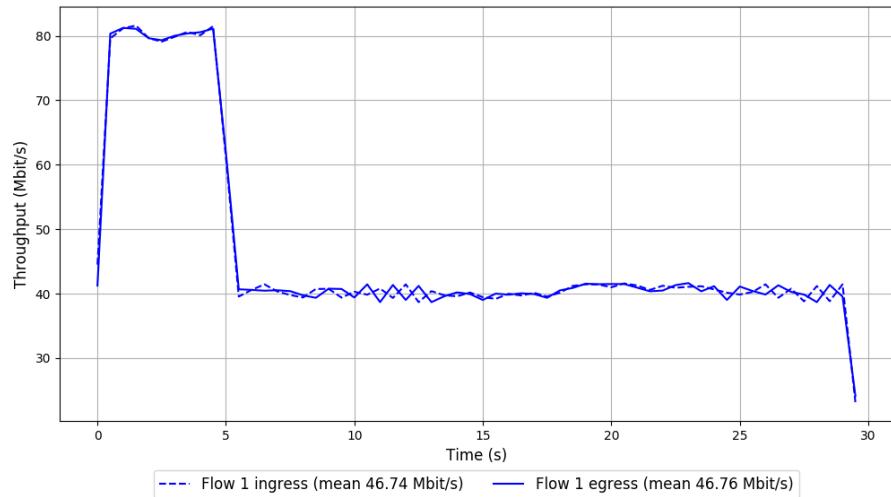


Run 5: Statistics of Indigo

```
Start at: 2017-09-03 05:10:09
End at: 2017-09-03 05:10:40
Local clock offset: 2.276 ms
Remote clock offset: -3.333 ms

# Below is generated by plot.py at 2017-09-03 07:39:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.76 Mbit/s
95th percentile per-packet one-way delay: 17.977 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 46.76 Mbit/s
95th percentile per-packet one-way delay: 17.977 ms
Loss rate: 0.04%
```

Run 5: Report of Indigo — Data Link

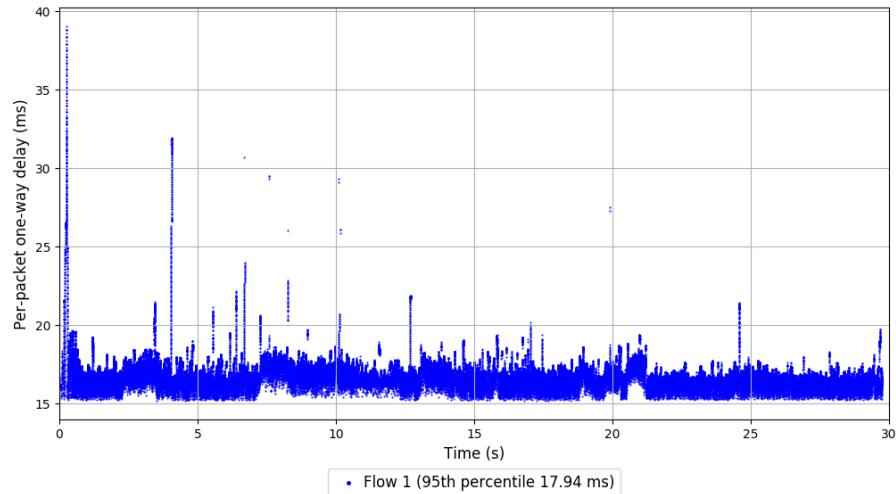
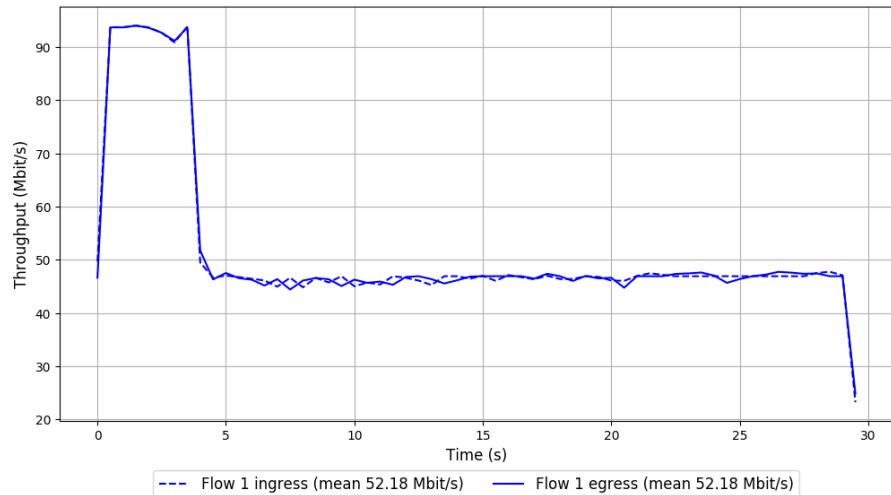


Run 6: Statistics of Indigo

```
Start at: 2017-09-03 05:28:24
End at: 2017-09-03 05:28:54
Local clock offset: -1.541 ms
Remote clock offset: -2.379 ms

# Below is generated by plot.py at 2017-09-03 07:39:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.18 Mbit/s
95th percentile per-packet one-way delay: 17.942 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 52.18 Mbit/s
95th percentile per-packet one-way delay: 17.942 ms
Loss rate: 0.00%
```

Run 6: Report of Indigo — Data Link

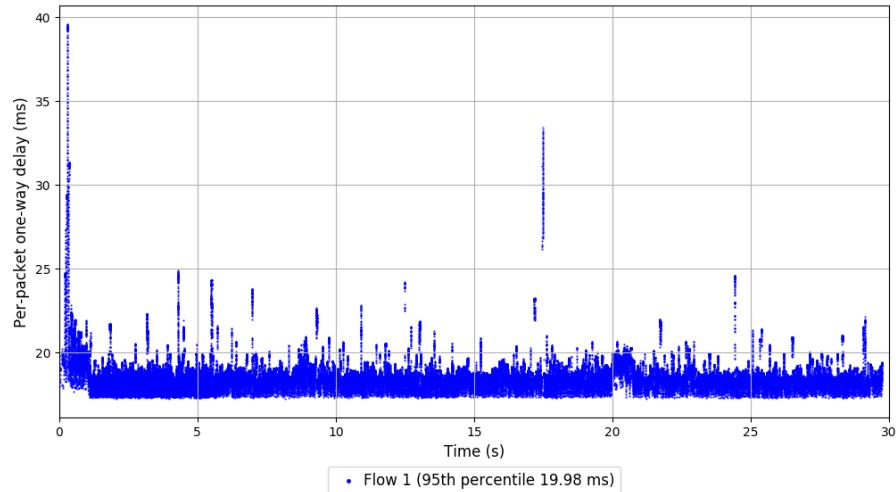
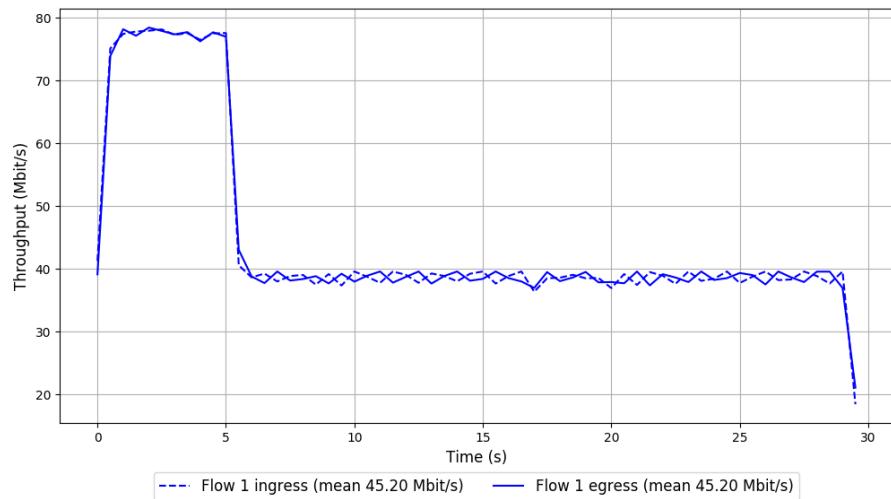


Run 7: Statistics of Indigo

```
Start at: 2017-09-03 05:46:25
End at: 2017-09-03 05:46:55
Local clock offset: -0.673 ms
Remote clock offset: -4.817 ms

# Below is generated by plot.py at 2017-09-03 07:39:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.20 Mbit/s
95th percentile per-packet one-way delay: 19.985 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.20 Mbit/s
95th percentile per-packet one-way delay: 19.985 ms
Loss rate: 0.00%
```

Run 7: Report of Indigo — Data Link

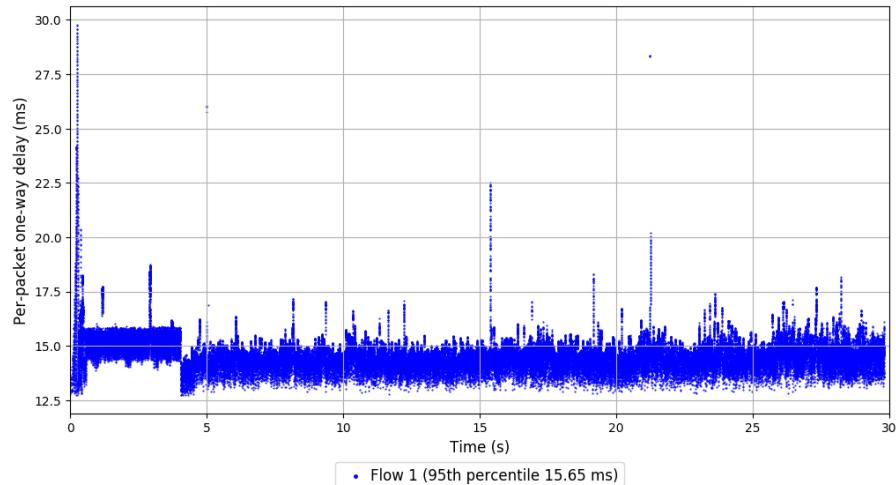
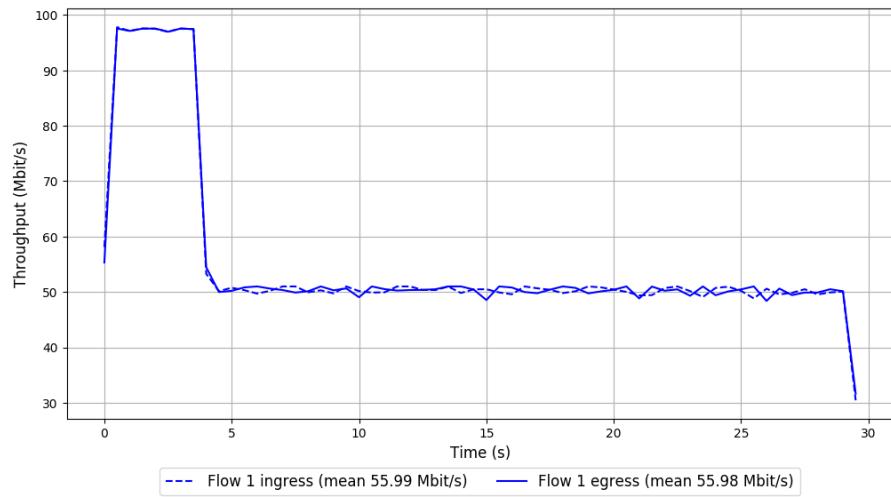


Run 8: Statistics of Indigo

```
Start at: 2017-09-03 06:04:21
End at: 2017-09-03 06:04:51
Local clock offset: -2.436 ms
Remote clock offset: -7.804 ms

# Below is generated by plot.py at 2017-09-03 07:39:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.98 Mbit/s
95th percentile per-packet one-way delay: 15.651 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.98 Mbit/s
95th percentile per-packet one-way delay: 15.651 ms
Loss rate: 0.00%
```

Run 8: Report of Indigo — Data Link

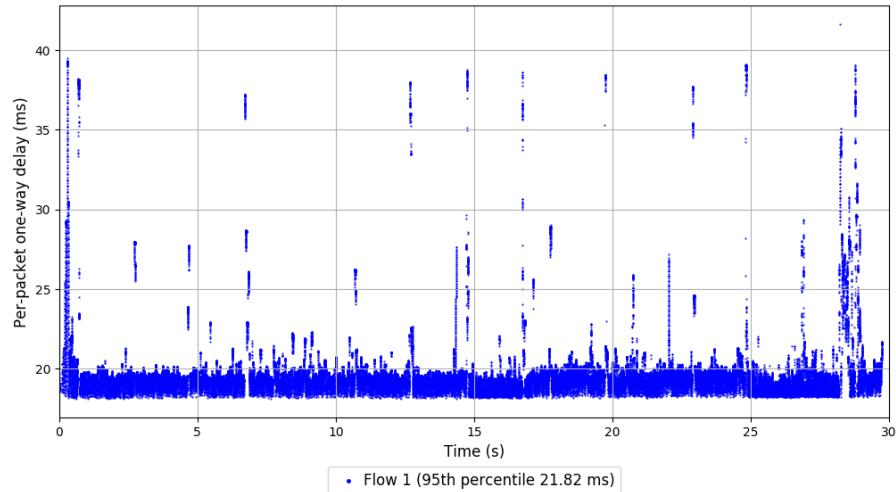
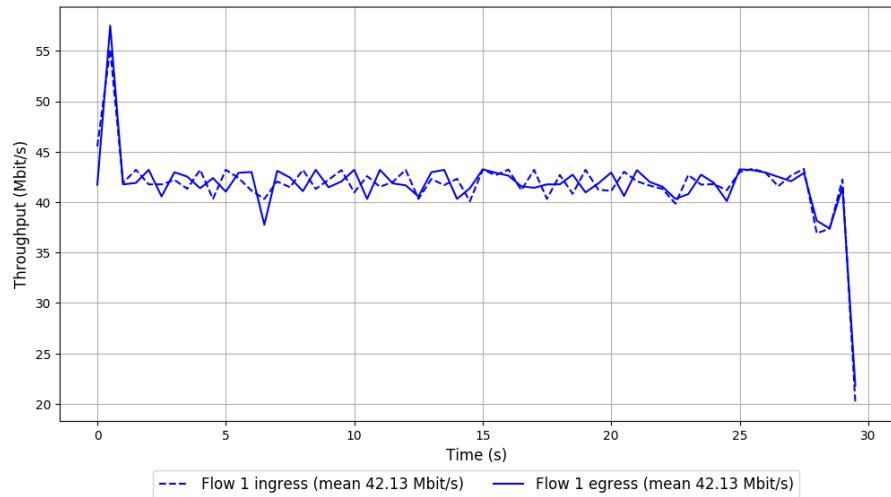


Run 9: Statistics of Indigo

```
Start at: 2017-09-03 06:22:26
End at: 2017-09-03 06:22:56
Local clock offset: -1.684 ms
Remote clock offset: -8.051 ms

# Below is generated by plot.py at 2017-09-03 07:39:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.13 Mbit/s
95th percentile per-packet one-way delay: 21.816 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.13 Mbit/s
95th percentile per-packet one-way delay: 21.816 ms
Loss rate: 0.00%
```

Run 9: Report of Indigo — Data Link

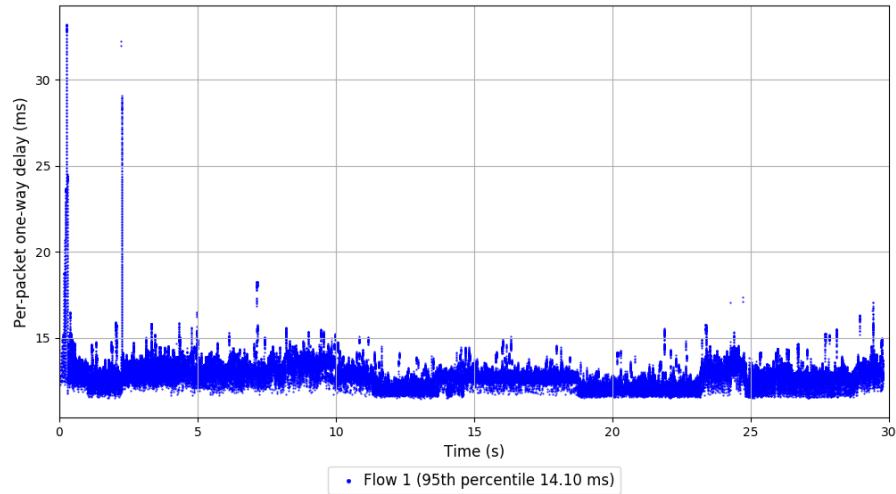
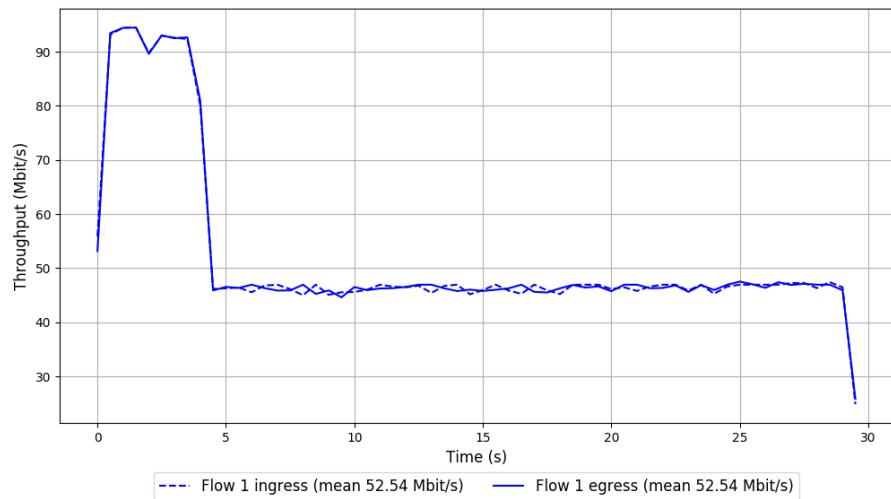


Run 10: Statistics of Indigo

```
Start at: 2017-09-03 06:40:35
End at: 2017-09-03 06:41:05
Local clock offset: -0.26 ms
Remote clock offset: -7.905 ms

# Below is generated by plot.py at 2017-09-03 07:39:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.54 Mbit/s
95th percentile per-packet one-way delay: 14.102 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 52.54 Mbit/s
95th percentile per-packet one-way delay: 14.102 ms
Loss rate: 0.00%
```

Run 10: Report of Indigo — Data Link

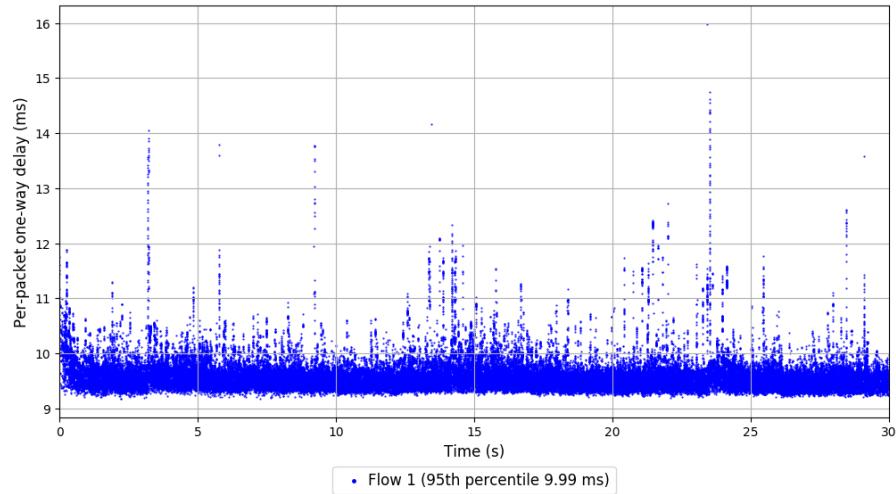
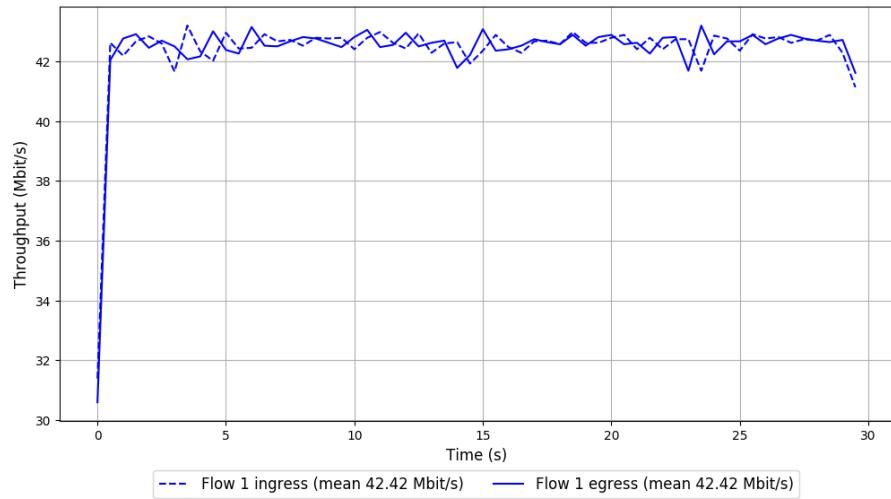


```
Run 1: Statistics of KohoCC

Start at: 2017-09-03 03:51:57
End at: 2017-09-03 03:52:27
Local clock offset: 2.01 ms
Remote clock offset: -6.721 ms

# Below is generated by plot.py at 2017-09-03 07:39:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.42 Mbit/s
95th percentile per-packet one-way delay: 9.986 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.42 Mbit/s
95th percentile per-packet one-way delay: 9.986 ms
Loss rate: 0.00%
```

Run 1: Report of KohoCC — Data Link

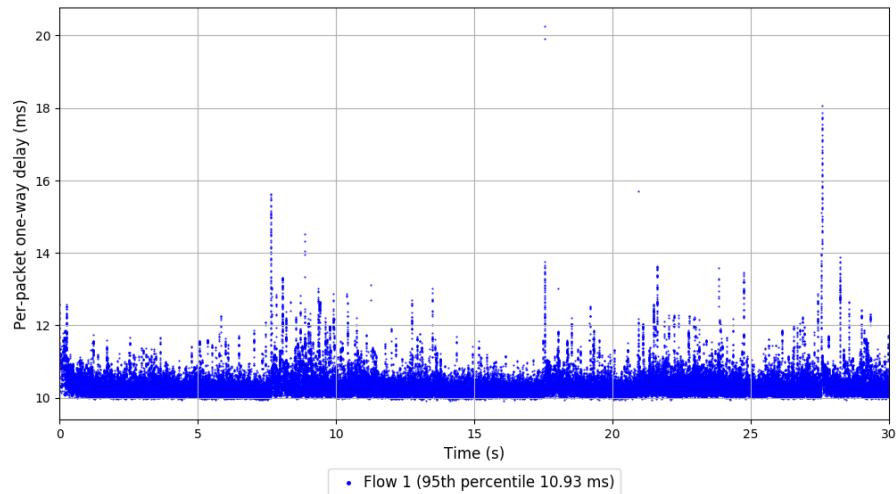
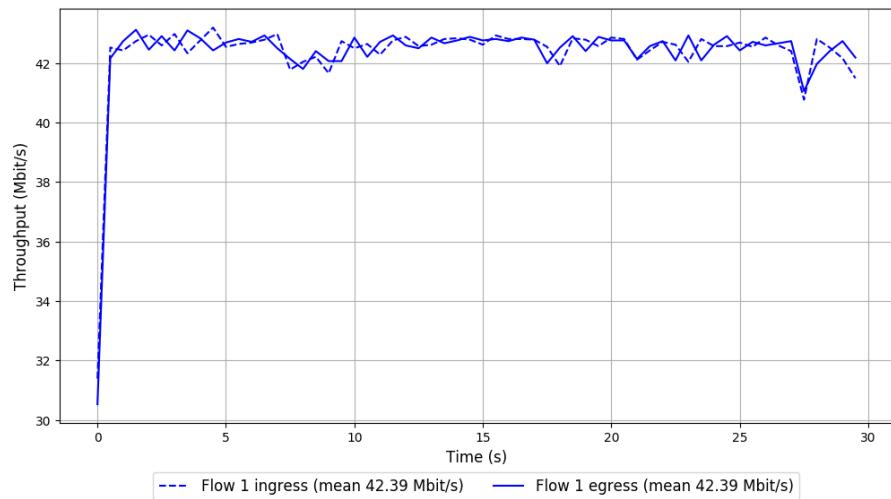


Run 2: Statistics of KohoCC

```
Start at: 2017-09-03 04:09:52
End at: 2017-09-03 04:10:22
Local clock offset: 1.535 ms
Remote clock offset: -6.33 ms

# Below is generated by plot.py at 2017-09-03 07:39:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.39 Mbit/s
95th percentile per-packet one-way delay: 10.925 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.39 Mbit/s
95th percentile per-packet one-way delay: 10.925 ms
Loss rate: 0.00%
```

Run 2: Report of KohoCC — Data Link

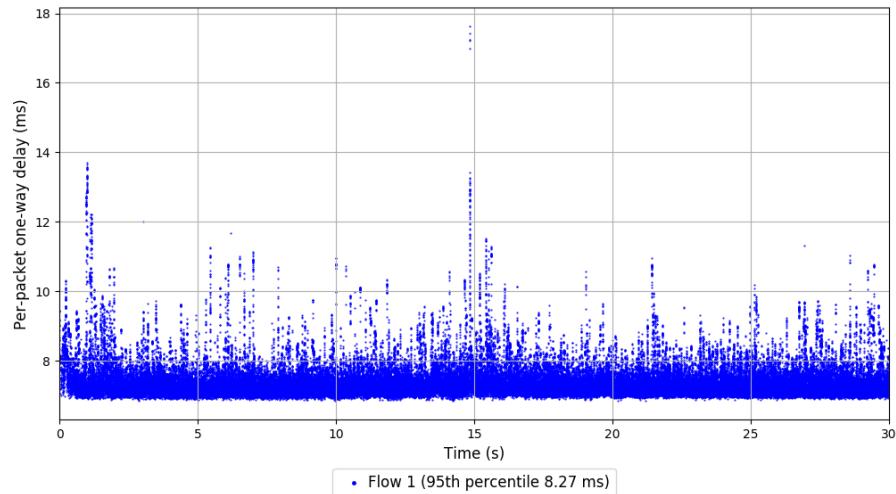
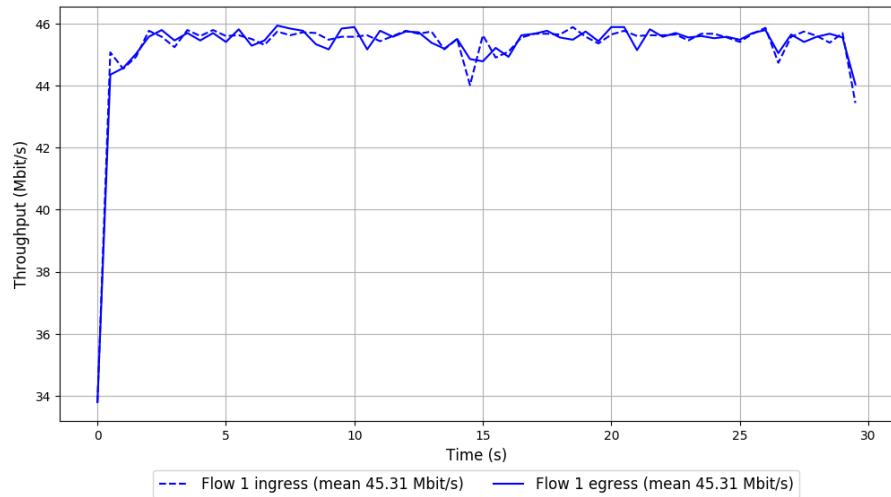


Run 3: Statistics of KohoCC

```
Start at: 2017-09-03 04:27:27
End at: 2017-09-03 04:27:57
Local clock offset: 2.498 ms
Remote clock offset: -6.404 ms

# Below is generated by plot.py at 2017-09-03 07:39:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.31 Mbit/s
95th percentile per-packet one-way delay: 8.274 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.31 Mbit/s
95th percentile per-packet one-way delay: 8.274 ms
Loss rate: 0.00%
```

Run 3: Report of KohoCC — Data Link

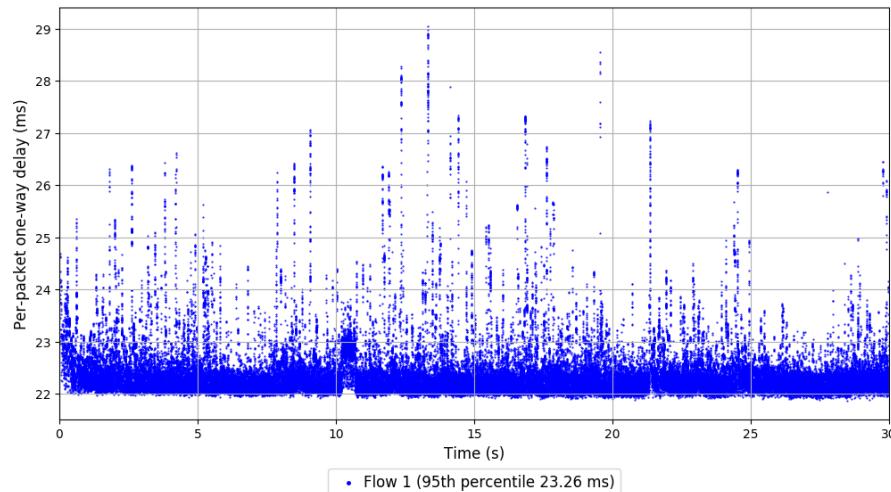
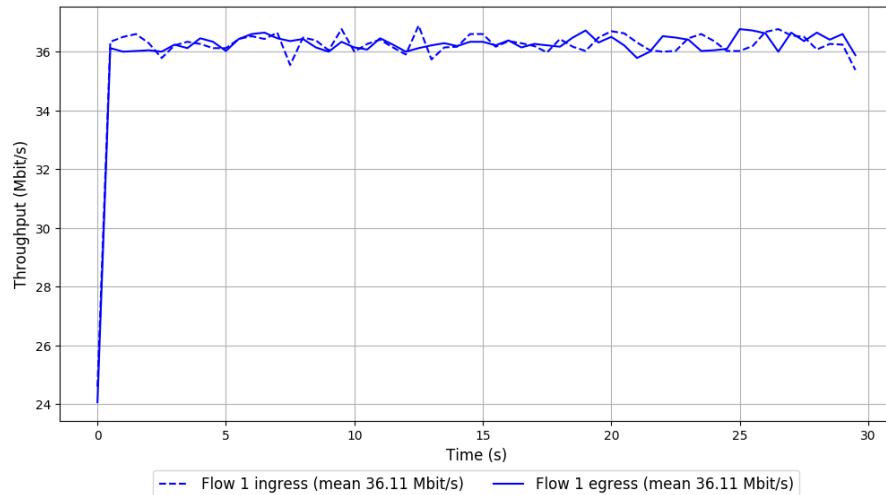


Run 4: Statistics of KohoCC

```
Start at: 2017-09-03 04:45:20
End at: 2017-09-03 04:45:50
Local clock offset: -4.664 ms
Remote clock offset: -5.294 ms

# Below is generated by plot.py at 2017-09-03 07:39:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.11 Mbit/s
95th percentile per-packet one-way delay: 23.264 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 36.11 Mbit/s
95th percentile per-packet one-way delay: 23.264 ms
Loss rate: 0.01%
```

Run 4: Report of KohoCC — Data Link

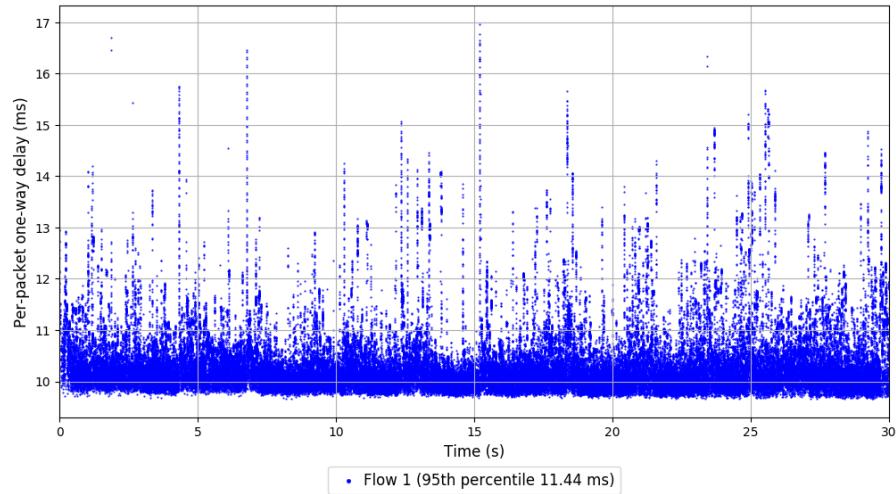
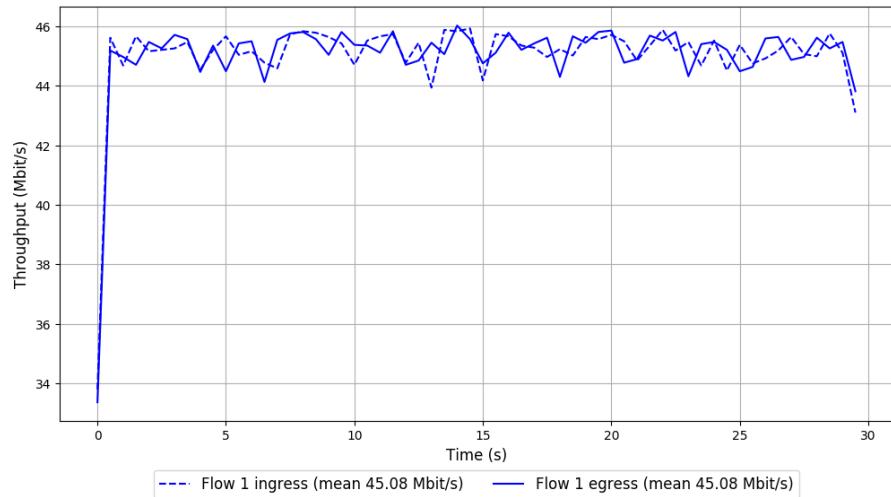


Run 5: Statistics of KohoCC

```
Start at: 2017-09-03 05:03:06
End at: 2017-09-03 05:03:36
Local clock offset: 1.439 ms
Remote clock offset: -3.542 ms

# Below is generated by plot.py at 2017-09-03 07:39:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.08 Mbit/s
95th percentile per-packet one-way delay: 11.442 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.08 Mbit/s
95th percentile per-packet one-way delay: 11.442 ms
Loss rate: 0.00%
```

Run 5: Report of KohoCC — Data Link

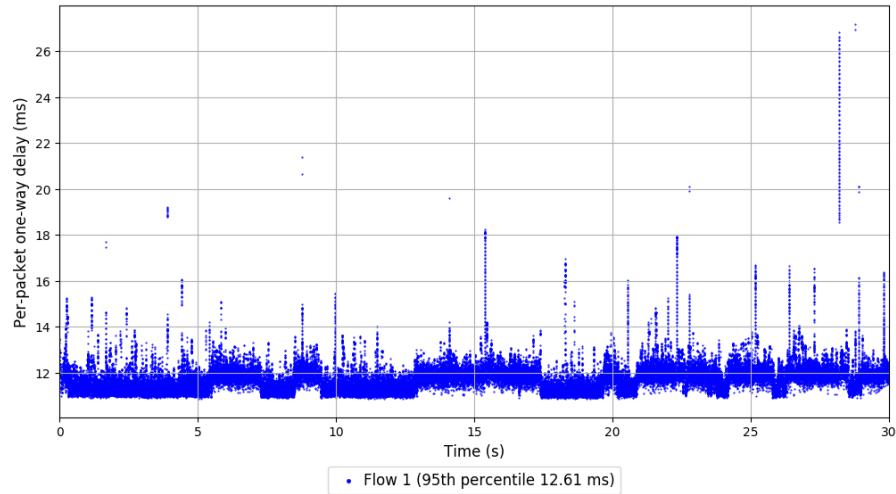
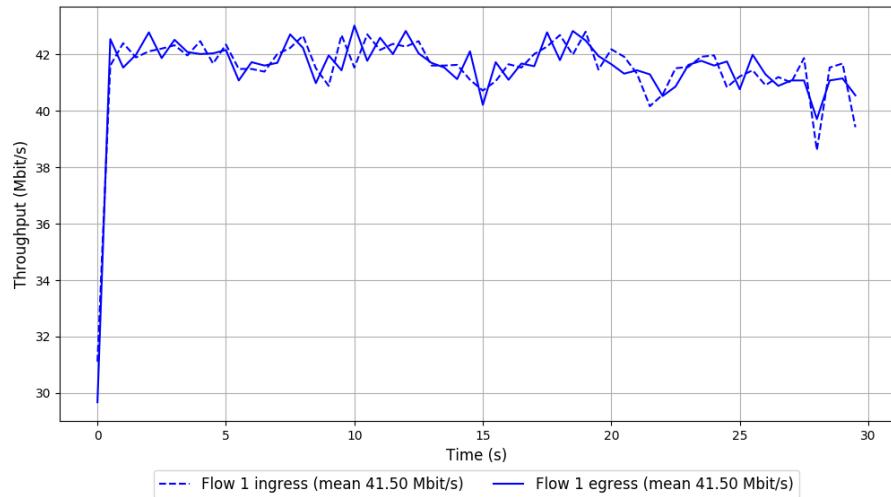


Run 6: Statistics of KohoCC

```
Start at: 2017-09-03 05:21:14
End at: 2017-09-03 05:21:44
Local clock offset: 1.207 ms
Remote clock offset: -3.643 ms

# Below is generated by plot.py at 2017-09-03 07:39:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.50 Mbit/s
95th percentile per-packet one-way delay: 12.605 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 41.50 Mbit/s
95th percentile per-packet one-way delay: 12.605 ms
Loss rate: 0.00%
```

Run 6: Report of KohoCC — Data Link

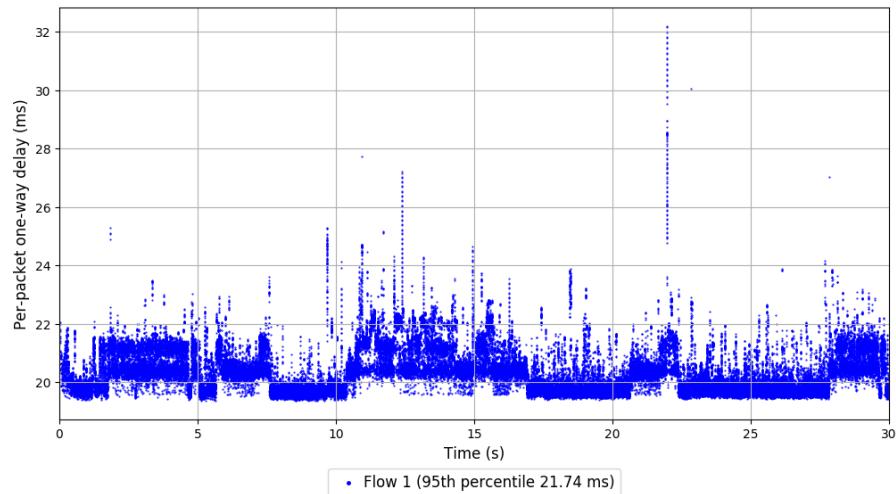
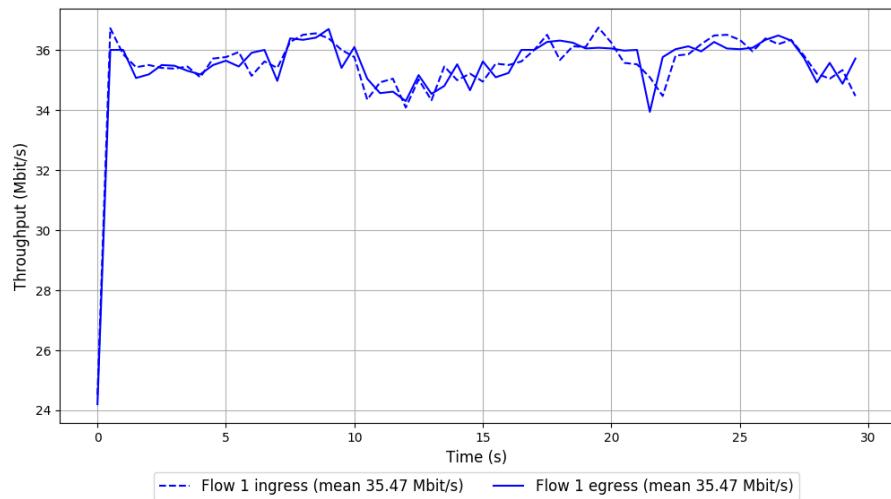


Run 7: Statistics of KohoCC

```
Start at: 2017-09-03 05:39:17
End at: 2017-09-03 05:39:47
Local clock offset: -0.911 ms
Remote clock offset: -2.725 ms

# Below is generated by plot.py at 2017-09-03 07:39:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.47 Mbit/s
95th percentile per-packet one-way delay: 21.736 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 35.47 Mbit/s
95th percentile per-packet one-way delay: 21.736 ms
Loss rate: 0.01%
```

Run 7: Report of KohoCC — Data Link

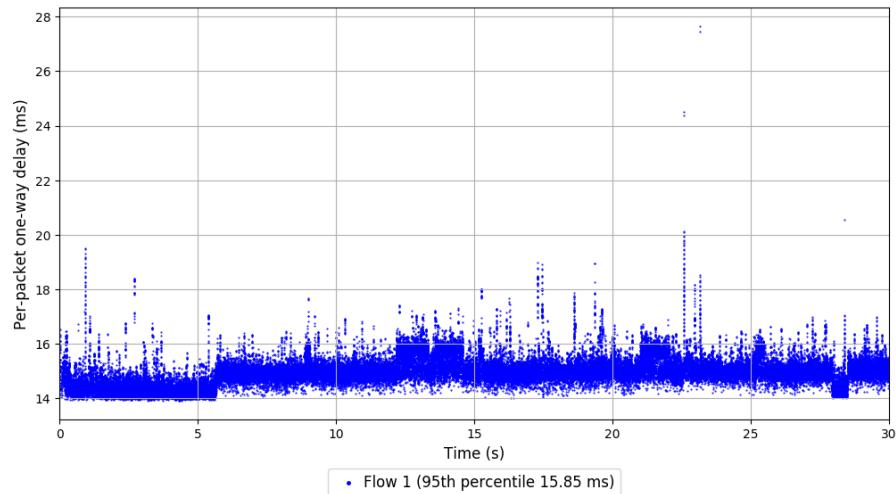
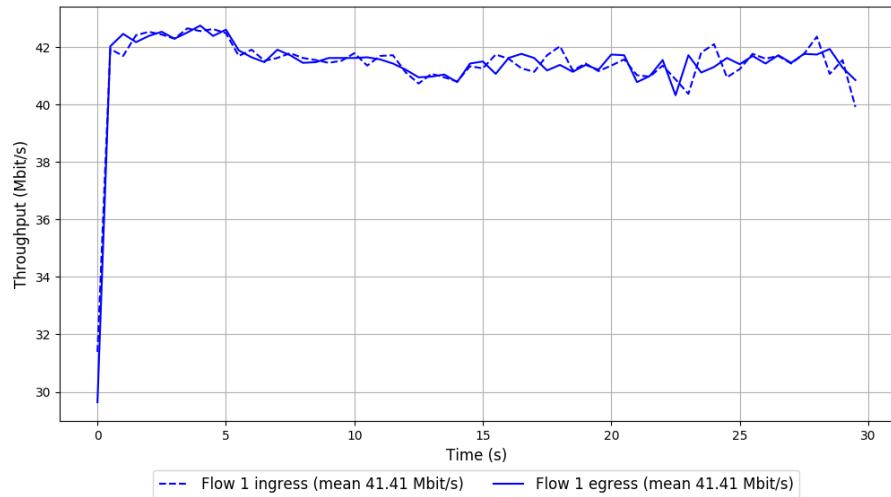


Run 8: Statistics of KohoCC

```
Start at: 2017-09-03 05:57:16
End at: 2017-09-03 05:57:46
Local clock offset: -2.514 ms
Remote clock offset: -6.018 ms

# Below is generated by plot.py at 2017-09-03 07:39:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.41 Mbit/s
95th percentile per-packet one-way delay: 15.846 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 41.41 Mbit/s
95th percentile per-packet one-way delay: 15.846 ms
Loss rate: 0.01%
```

Run 8: Report of KohoCC — Data Link

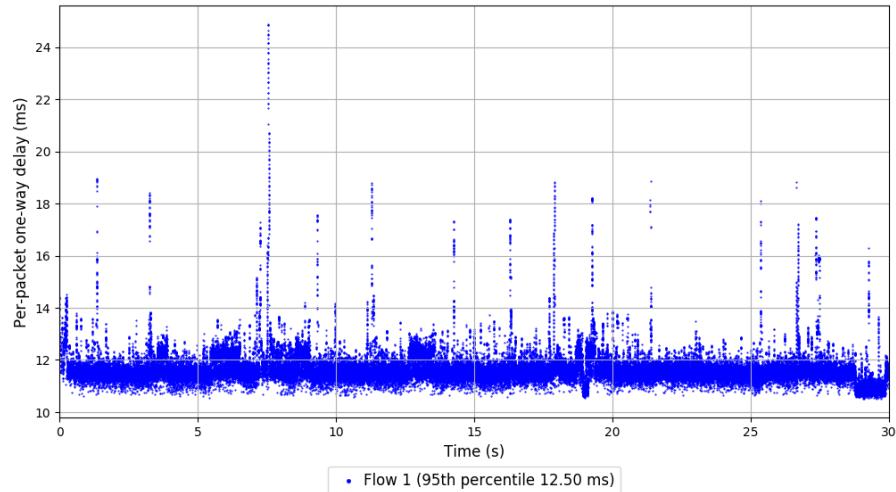
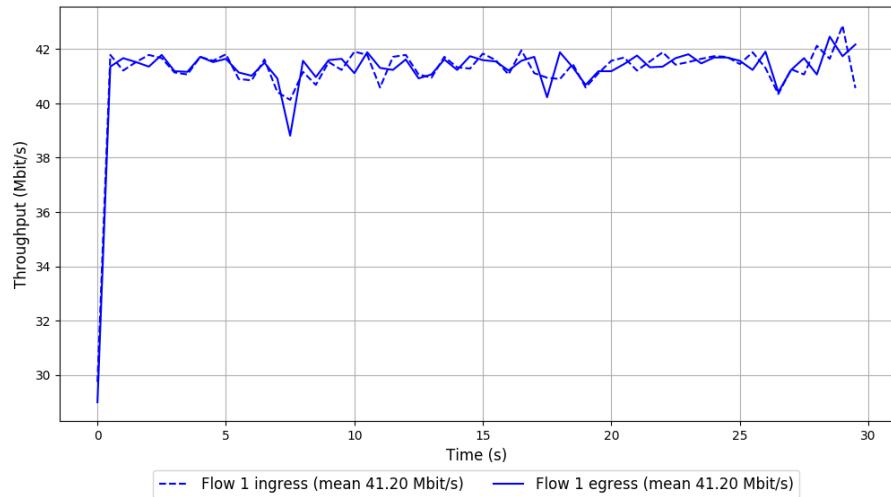


Run 9: Statistics of KohoCC

```
Start at: 2017-09-03 06:15:23
End at: 2017-09-03 06:15:53
Local clock offset: 0.206 ms
Remote clock offset: -8.362 ms

# Below is generated by plot.py at 2017-09-03 07:39:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.20 Mbit/s
95th percentile per-packet one-way delay: 12.500 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 41.20 Mbit/s
95th percentile per-packet one-way delay: 12.500 ms
Loss rate: 0.00%
```

Run 9: Report of KohoCC — Data Link

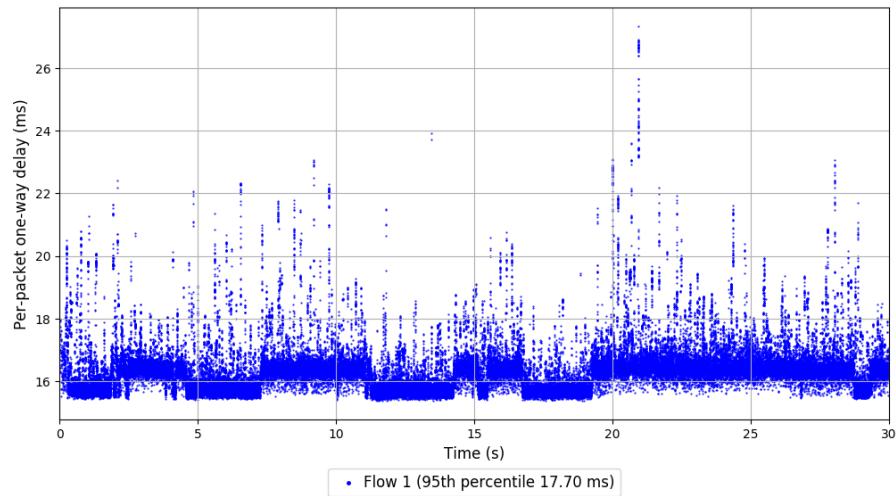
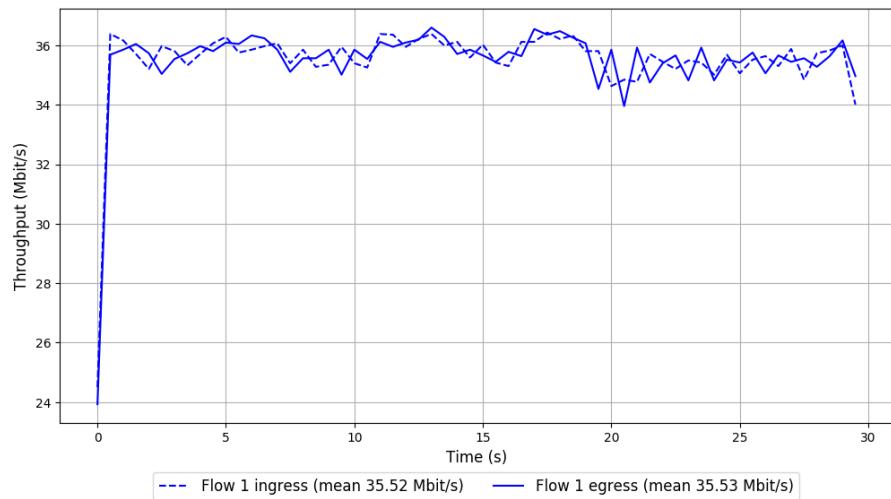


Run 10: Statistics of KohoCC

```
Start at: 2017-09-03 06:33:37
End at: 2017-09-03 06:34:07
Local clock offset: 0.037 ms
Remote clock offset: -8.884 ms

# Below is generated by plot.py at 2017-09-03 07:40:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.53 Mbit/s
95th percentile per-packet one-way delay: 17.698 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 35.53 Mbit/s
95th percentile per-packet one-way delay: 17.698 ms
Loss rate: 0.01%
```

Run 10: Report of KohoCC — Data Link

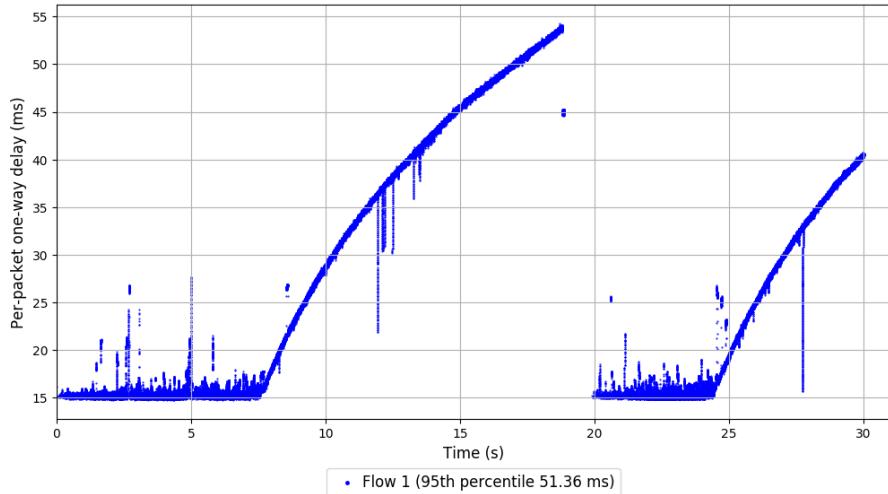
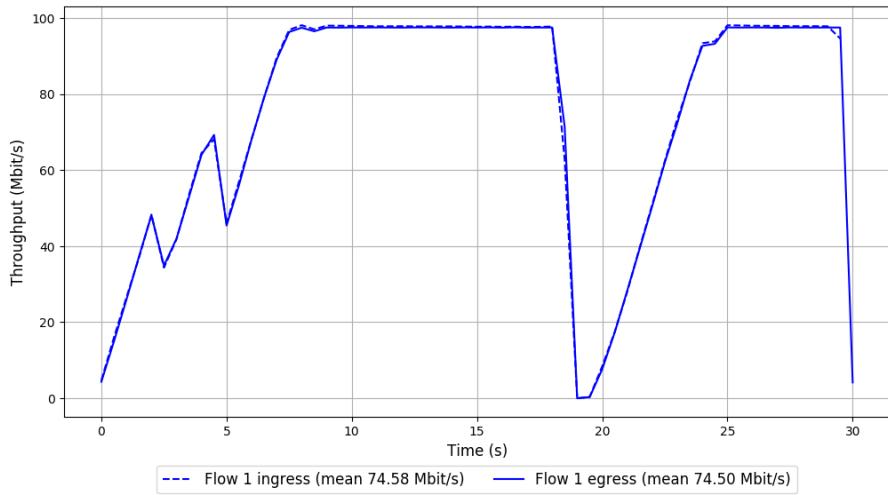


Run 1: Statistics of LEDBAT

```
Start at: 2017-09-03 04:03:48
End at: 2017-09-03 04:04:18
Local clock offset: 1.014 ms
Remote clock offset: -6.939 ms

# Below is generated by plot.py at 2017-09-03 07:40:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.50 Mbit/s
95th percentile per-packet one-way delay: 51.364 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 74.50 Mbit/s
95th percentile per-packet one-way delay: 51.364 ms
Loss rate: 0.06%
```

Run 1: Report of LEDBAT — Data Link

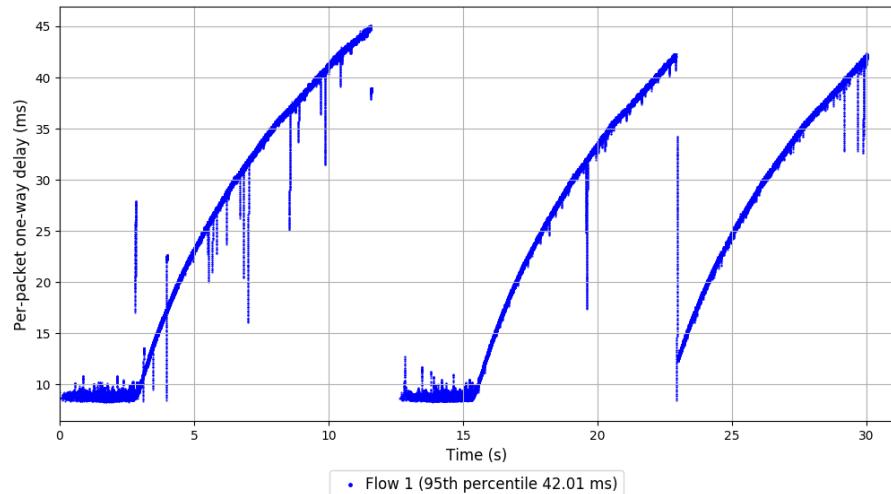
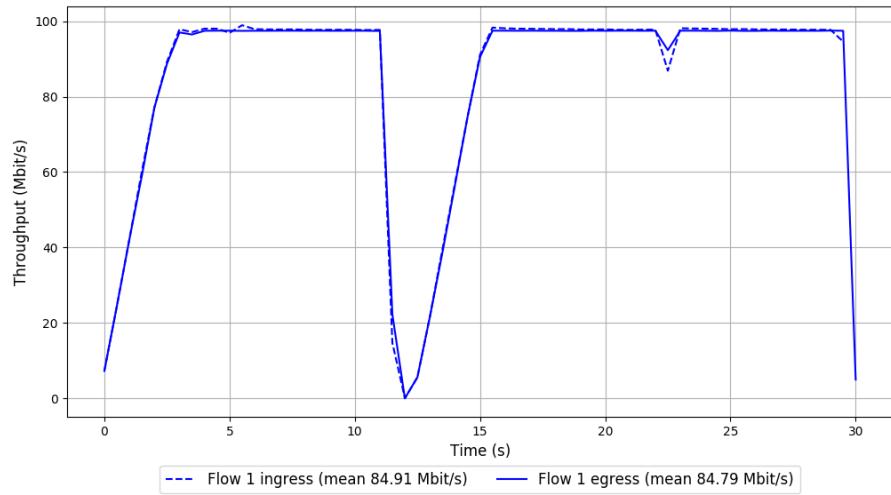


Run 2: Statistics of LEDBAT

```
Start at: 2017-09-03 04:21:30
End at: 2017-09-03 04:22:01
Local clock offset: 1.055 ms
Remote clock offset: -6.361 ms

# Below is generated by plot.py at 2017-09-03 07:40:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.79 Mbit/s
95th percentile per-packet one-way delay: 42.010 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 84.79 Mbit/s
95th percentile per-packet one-way delay: 42.010 ms
Loss rate: 0.02%
```

Run 2: Report of LEDBAT — Data Link

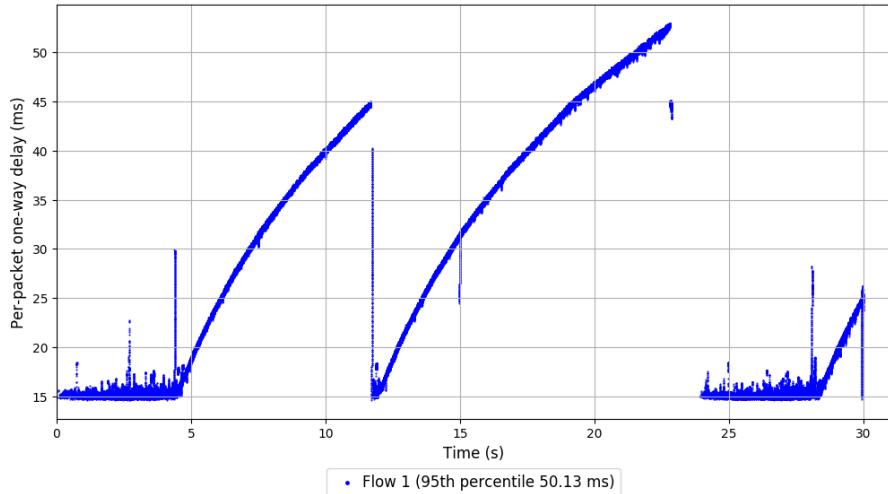
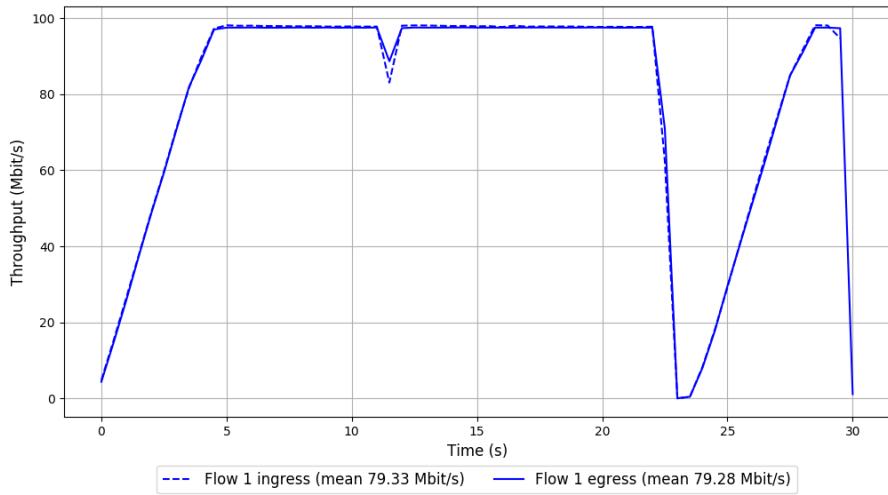


Run 3: Statistics of LEDBAT

```
Start at: 2017-09-03 04:39:11
End at: 2017-09-03 04:39:41
Local clock offset: 1.423 ms
Remote clock offset: -6.752 ms

# Below is generated by plot.py at 2017-09-03 07:40:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.28 Mbit/s
95th percentile per-packet one-way delay: 50.127 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 79.28 Mbit/s
95th percentile per-packet one-way delay: 50.127 ms
Loss rate: 0.05%
```

Run 3: Report of LEDBAT — Data Link

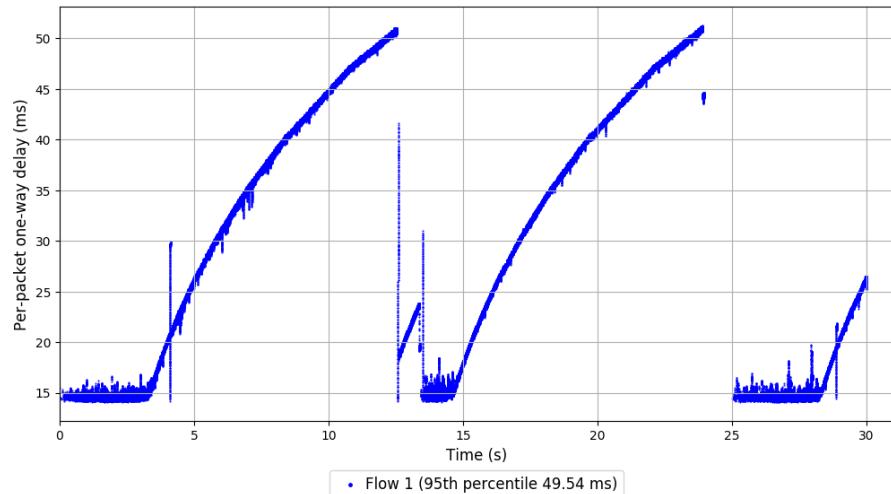
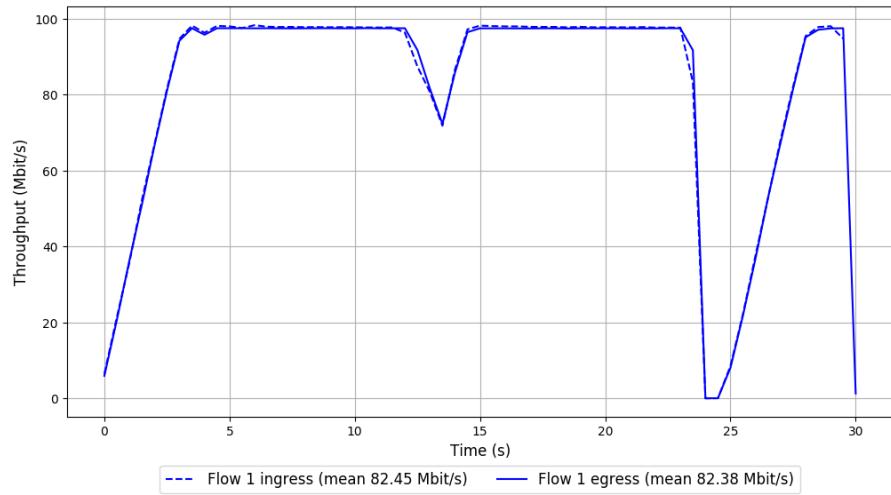


Run 4: Statistics of LEDBAT

```
Start at: 2017-09-03 04:57:01
End at: 2017-09-03 04:57:31
Local clock offset: -1.771 ms
Remote clock offset: -4.934 ms

# Below is generated by plot.py at 2017-09-03 07:40:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.38 Mbit/s
95th percentile per-packet one-way delay: 49.544 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 82.38 Mbit/s
95th percentile per-packet one-way delay: 49.544 ms
Loss rate: 0.06%
```

Run 4: Report of LEDBAT — Data Link

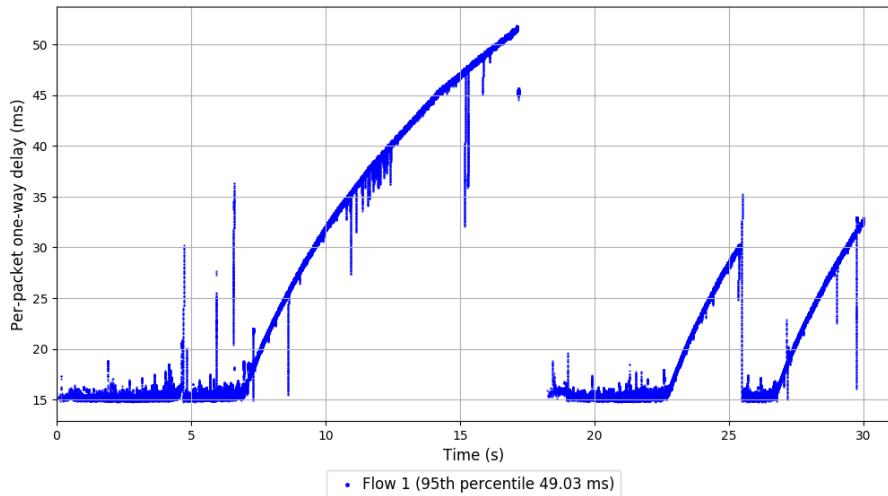
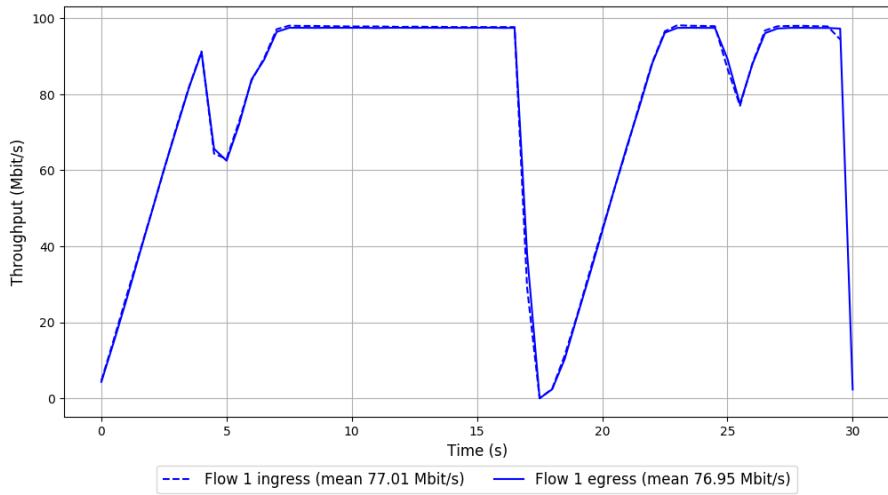


Run 5: Statistics of LEDBAT

```
Start at: 2017-09-03 05:14:55
End at: 2017-09-03 05:15:25
Local clock offset: 1.182 ms
Remote clock offset: -4.324 ms

# Below is generated by plot.py at 2017-09-03 07:40:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.95 Mbit/s
95th percentile per-packet one-way delay: 49.034 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 76.95 Mbit/s
95th percentile per-packet one-way delay: 49.034 ms
Loss rate: 0.05%
```

Run 5: Report of LEDBAT — Data Link

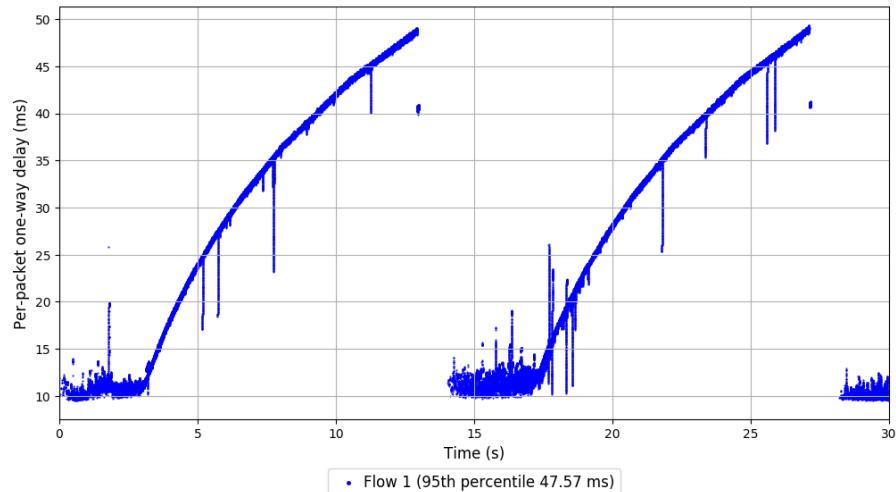
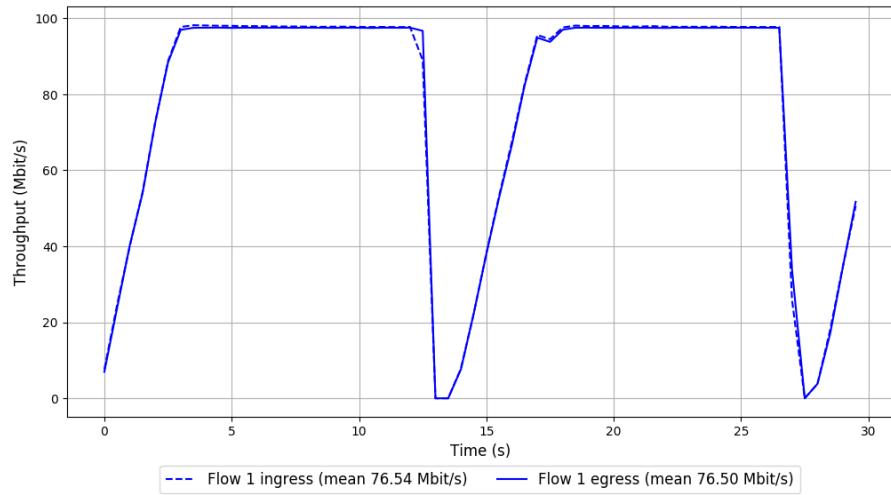


Run 6: Statistics of LEDBAT

```
Start at: 2017-09-03 05:33:05
End at: 2017-09-03 05:33:35
Local clock offset: 1.357 ms
Remote clock offset: -3.33 ms

# Below is generated by plot.py at 2017-09-03 07:40:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.50 Mbit/s
95th percentile per-packet one-way delay: 47.569 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 76.50 Mbit/s
95th percentile per-packet one-way delay: 47.569 ms
Loss rate: 0.07%
```

Run 6: Report of LEDBAT — Data Link

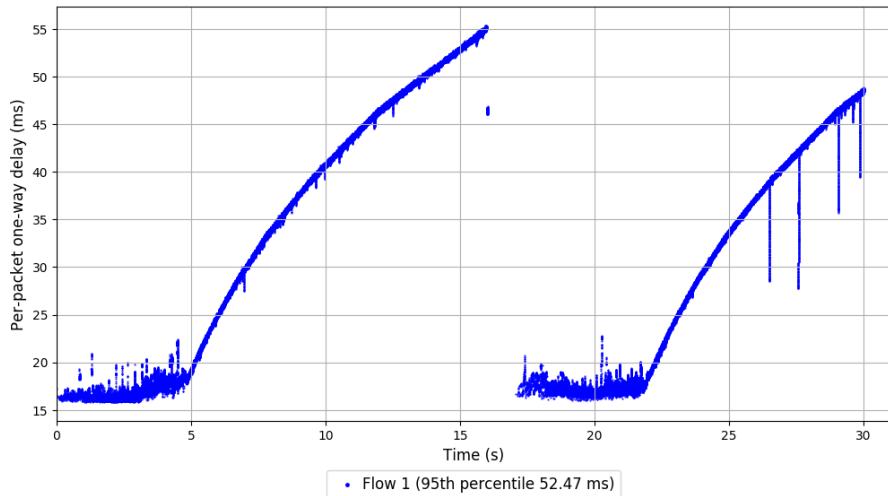
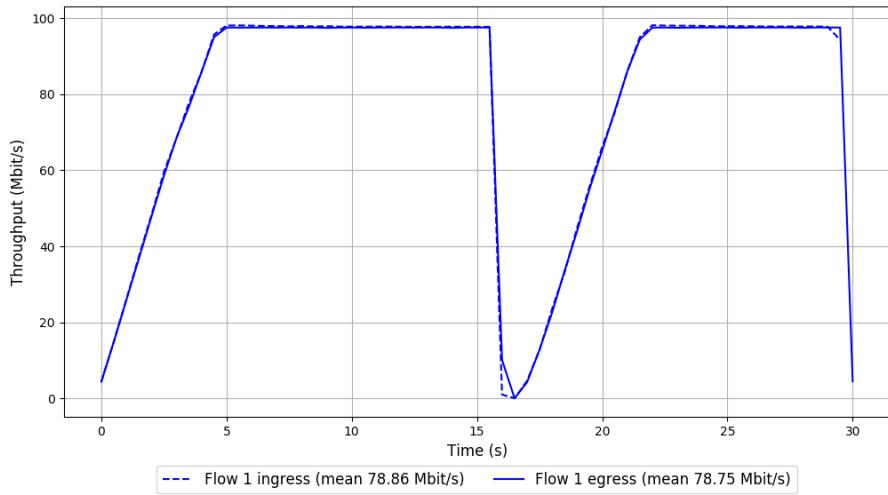


Run 7: Statistics of LEDBAT

```
Start at: 2017-09-03 05:51:20
End at: 2017-09-03 05:51:50
Local clock offset: 0.305 ms
Remote clock offset: -5.436 ms

# Below is generated by plot.py at 2017-09-03 07:40:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.75 Mbit/s
95th percentile per-packet one-way delay: 52.465 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 78.75 Mbit/s
95th percentile per-packet one-way delay: 52.465 ms
Loss rate: 0.07%
```

Run 7: Report of LEDBAT — Data Link

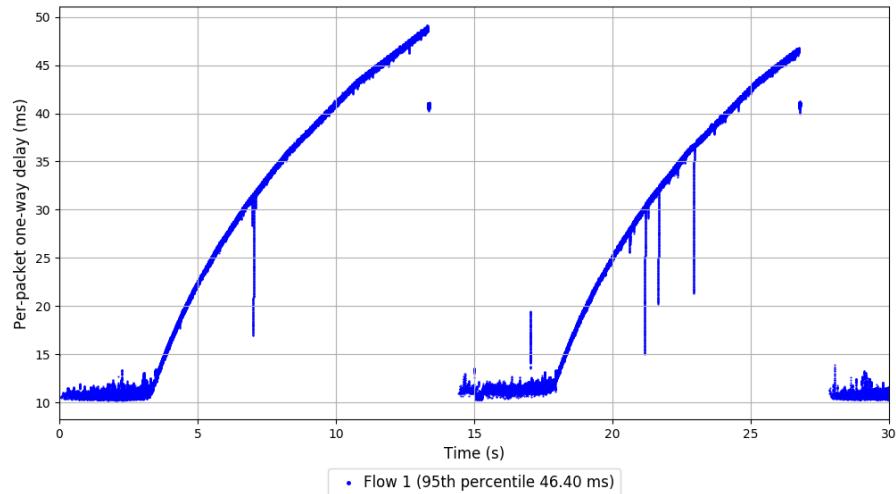
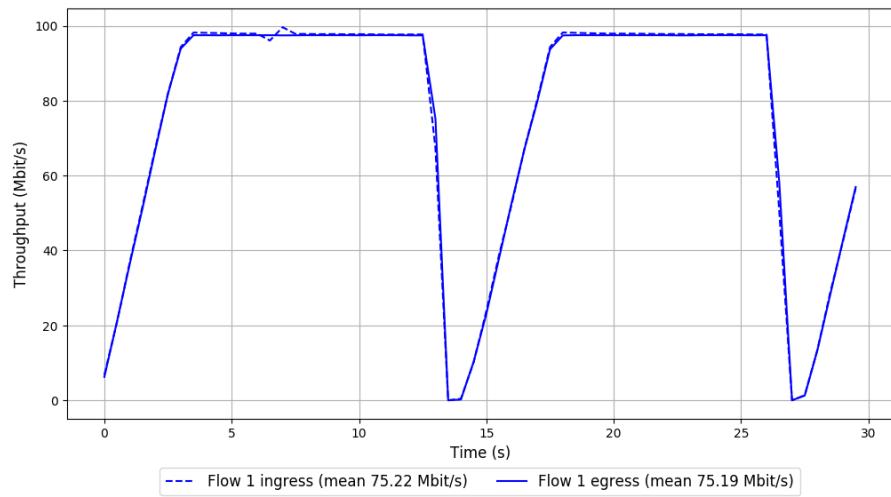


Run 8: Statistics of LEDBAT

```
Start at: 2017-09-03 06:09:13
End at: 2017-09-03 06:09:43
Local clock offset: 0.075 ms
Remote clock offset: -8.18 ms

# Below is generated by plot.py at 2017-09-03 07:40:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.19 Mbit/s
95th percentile per-packet one-way delay: 46.401 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 75.19 Mbit/s
95th percentile per-packet one-way delay: 46.401 ms
Loss rate: 0.06%
```

Run 8: Report of LEDBAT — Data Link

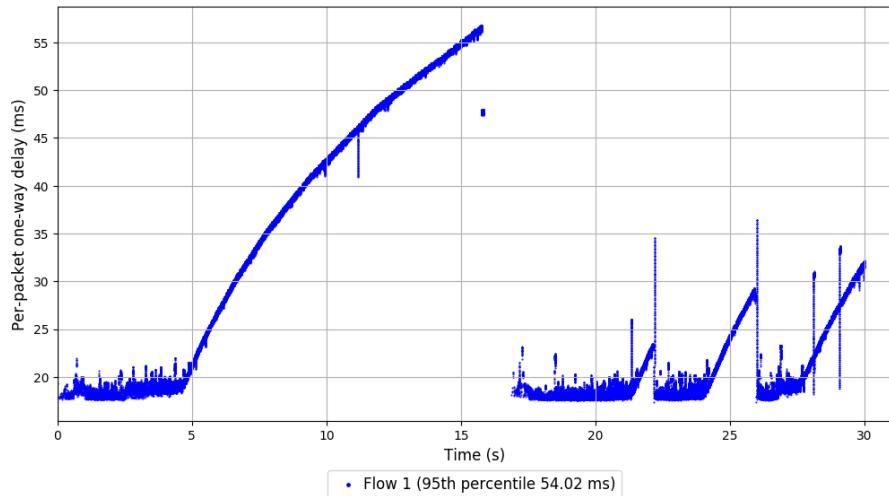
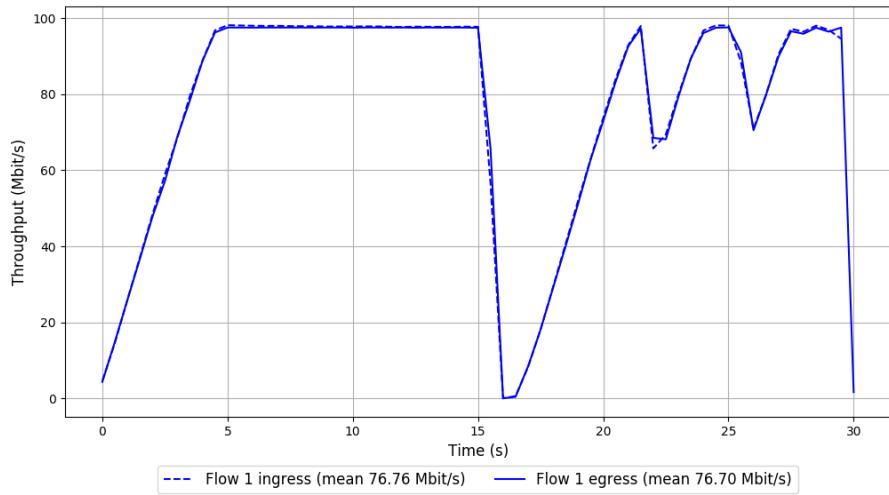


Run 9: Statistics of LEDBAT

```
Start at: 2017-09-03 06:27:19
End at: 2017-09-03 06:27:49
Local clock offset: -1.833 ms
Remote clock offset: -9.044 ms

# Below is generated by plot.py at 2017-09-03 07:40:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.70 Mbit/s
95th percentile per-packet one-way delay: 54.025 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 76.70 Mbit/s
95th percentile per-packet one-way delay: 54.025 ms
Loss rate: 0.07%
```

Run 9: Report of LEDBAT — Data Link

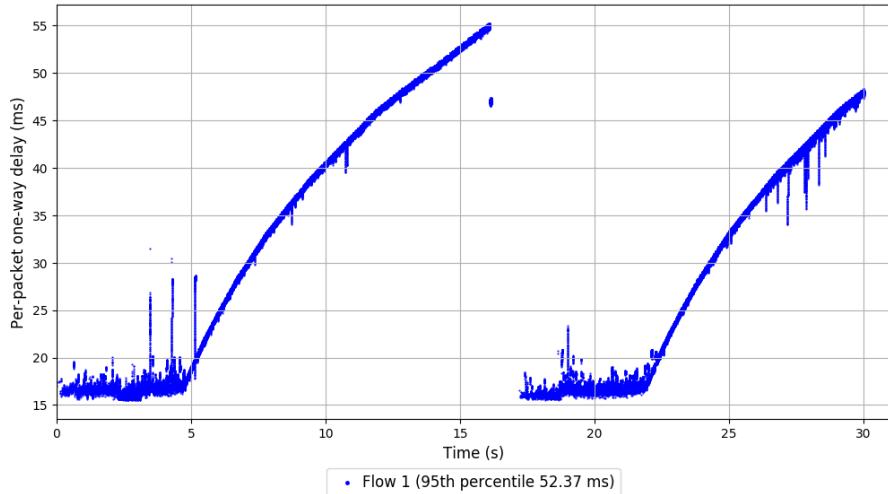
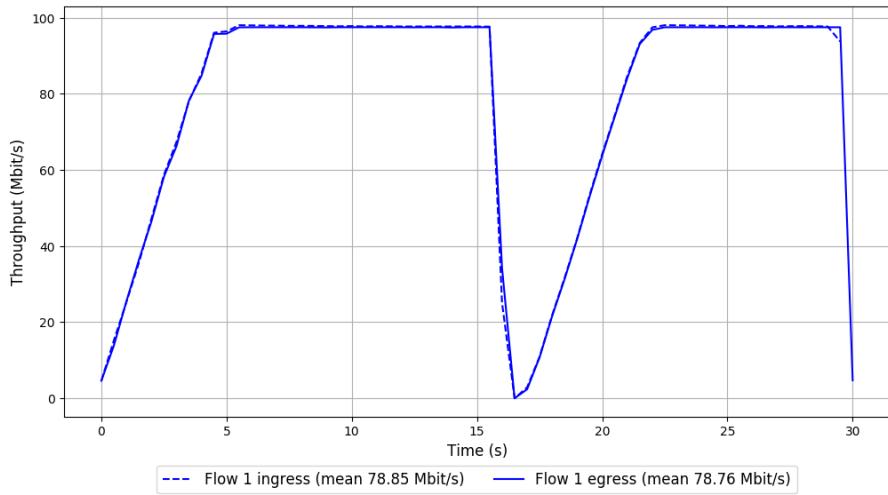


Run 10: Statistics of LEDBAT

```
Start at: 2017-09-03 06:45:34
End at: 2017-09-03 06:46:04
Local clock offset: 0.103 ms
Remote clock offset: -8.141 ms

# Below is generated by plot.py at 2017-09-03 07:40:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.76 Mbit/s
95th percentile per-packet one-way delay: 52.372 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 78.76 Mbit/s
95th percentile per-packet one-way delay: 52.372 ms
Loss rate: 0.05%
```

Run 10: Report of LEDBAT — Data Link

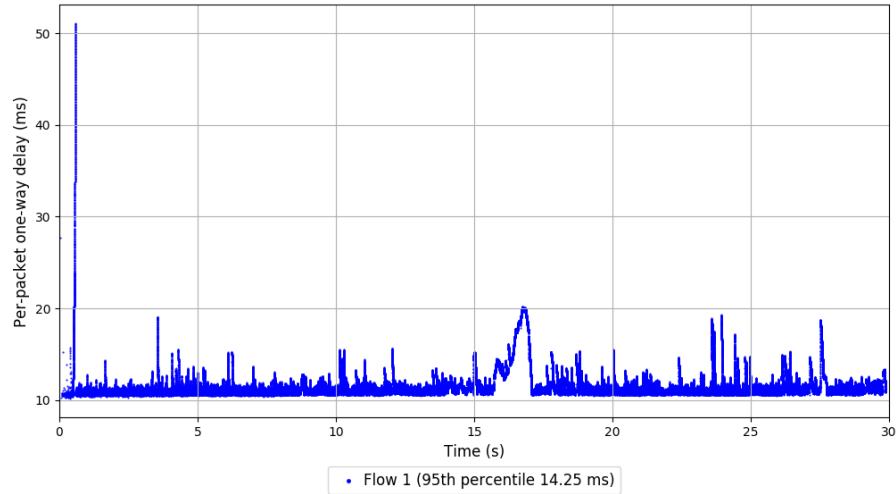
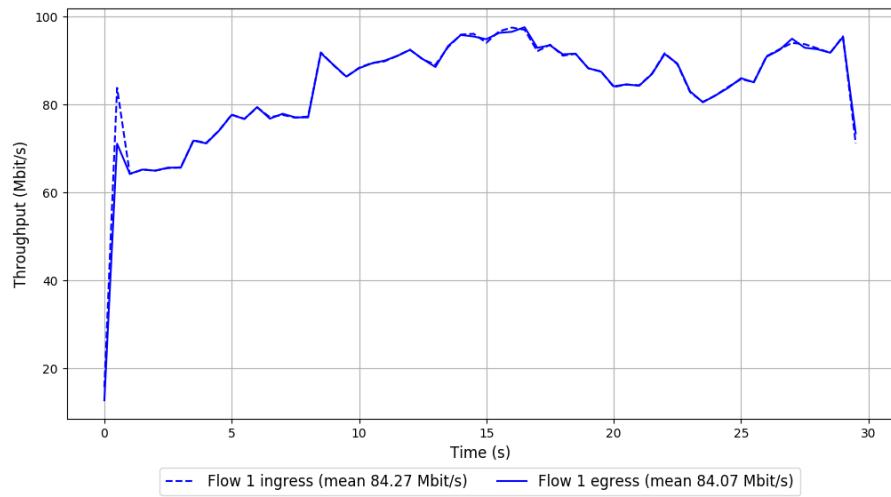


Run 1: Statistics of PCC

```
Start at: 2017-09-03 04:02:36
End at: 2017-09-03 04:03:06
Local clock offset: -0.686 ms
Remote clock offset: -6.276 ms

# Below is generated by plot.py at 2017-09-03 07:41:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.07 Mbit/s
95th percentile per-packet one-way delay: 14.254 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 84.07 Mbit/s
95th percentile per-packet one-way delay: 14.254 ms
Loss rate: 0.28%
```

Run 1: Report of PCC — Data Link

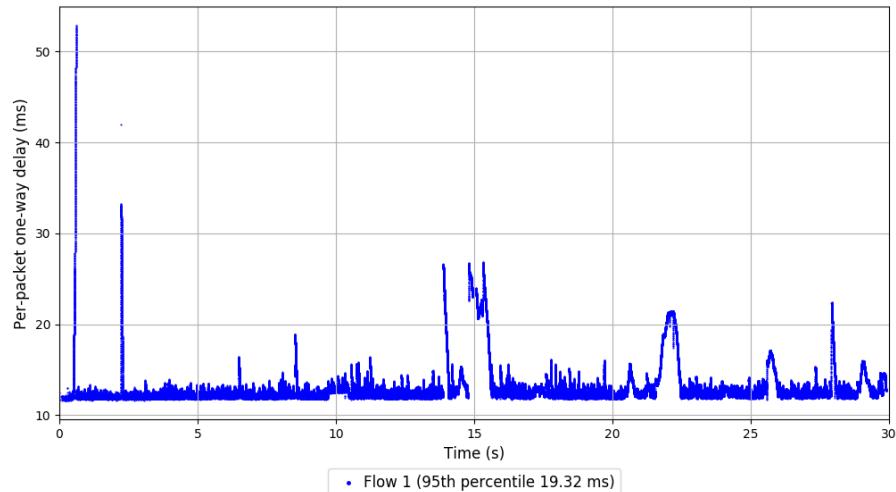
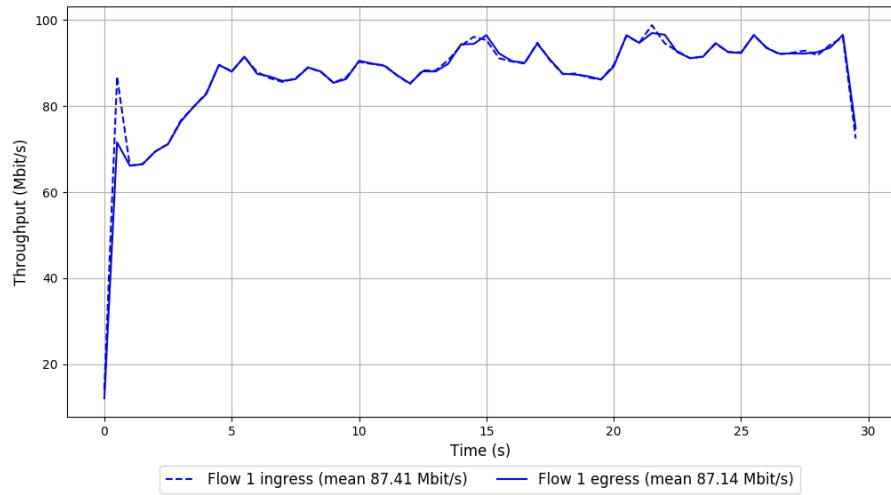


Run 2: Statistics of PCC

```
Start at: 2017-09-03 04:20:21
End at: 2017-09-03 04:20:51
Local clock offset: -0.018 ms
Remote clock offset: -5.993 ms

# Below is generated by plot.py at 2017-09-03 07:41:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.14 Mbit/s
95th percentile per-packet one-way delay: 19.321 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 87.14 Mbit/s
95th percentile per-packet one-way delay: 19.321 ms
Loss rate: 0.30%
```

Run 2: Report of PCC — Data Link

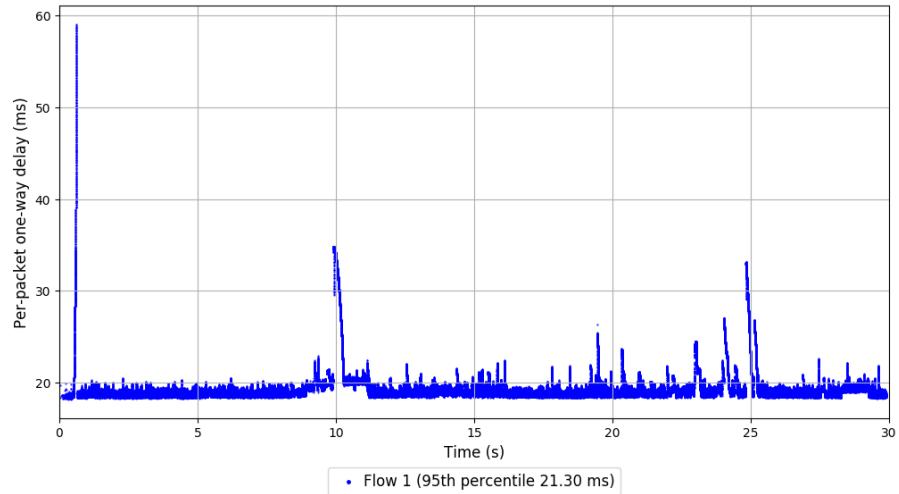
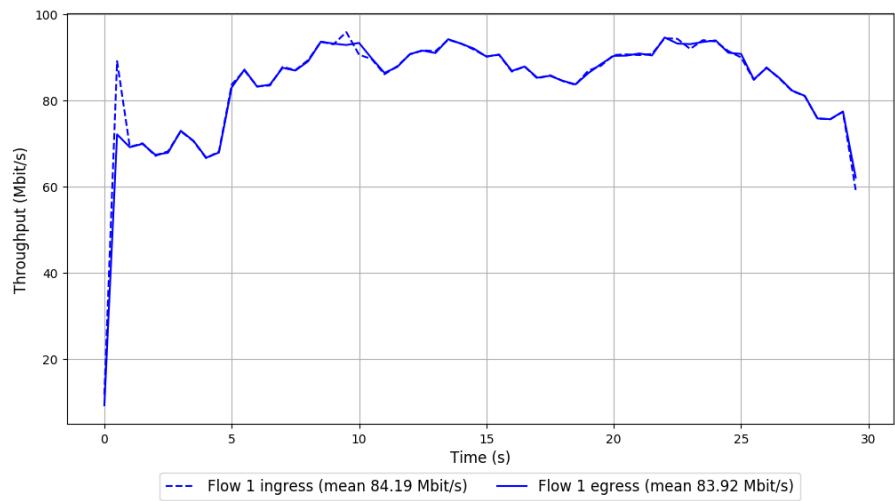


Run 3: Statistics of PCC

```
Start at: 2017-09-03 04:38:00
End at: 2017-09-03 04:38:30
Local clock offset: -6.446 ms
Remote clock offset: -6.185 ms

# Below is generated by plot.py at 2017-09-03 07:41:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.92 Mbit/s
95th percentile per-packet one-way delay: 21.297 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 83.92 Mbit/s
95th percentile per-packet one-way delay: 21.297 ms
Loss rate: 0.34%
```

Run 3: Report of PCC — Data Link

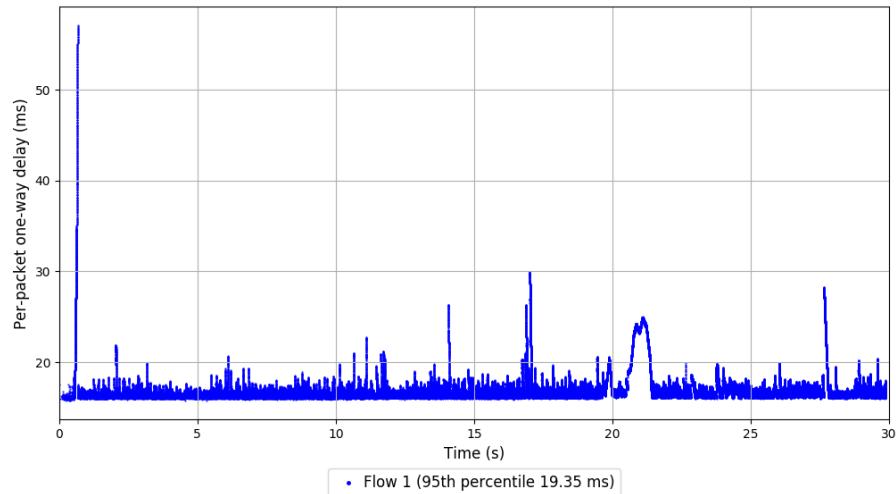
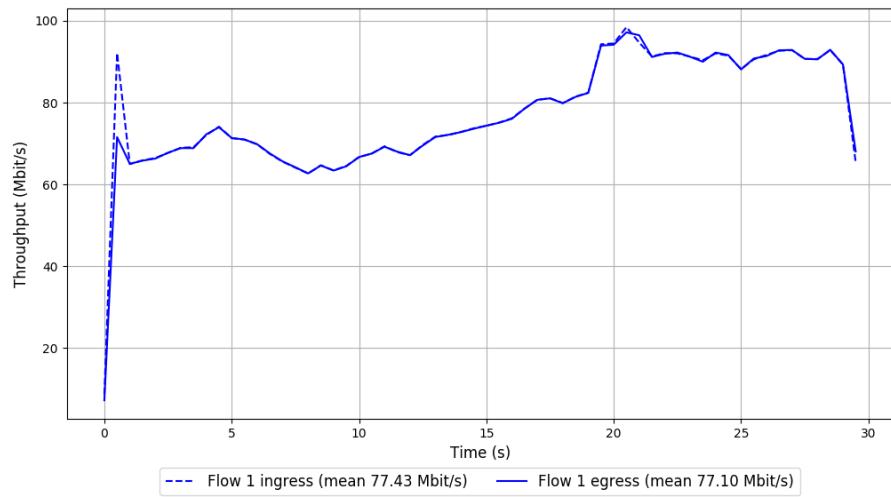


Run 4: Statistics of PCC

```
Start at: 2017-09-03 04:55:49
End at: 2017-09-03 04:56:19
Local clock offset: 2.098 ms
Remote clock offset: -4.144 ms

# Below is generated by plot.py at 2017-09-03 07:41:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.10 Mbit/s
95th percentile per-packet one-way delay: 19.346 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 77.10 Mbit/s
95th percentile per-packet one-way delay: 19.346 ms
Loss rate: 0.44%
```

Run 4: Report of PCC — Data Link

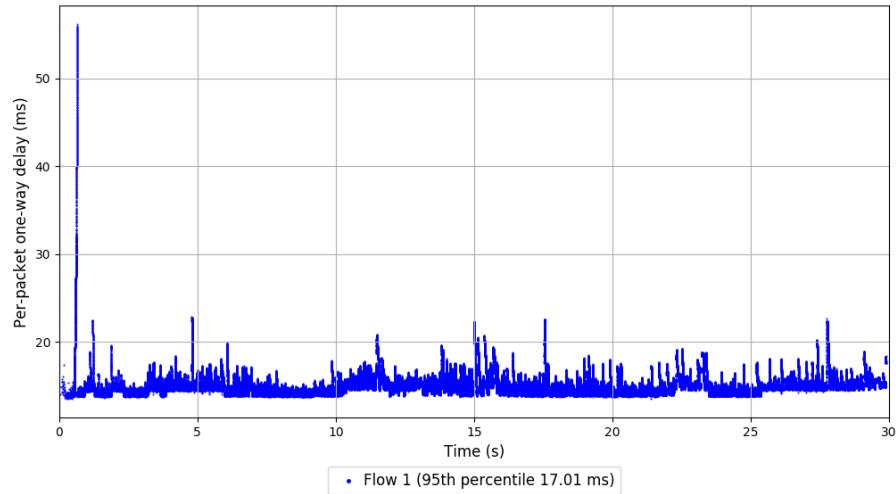
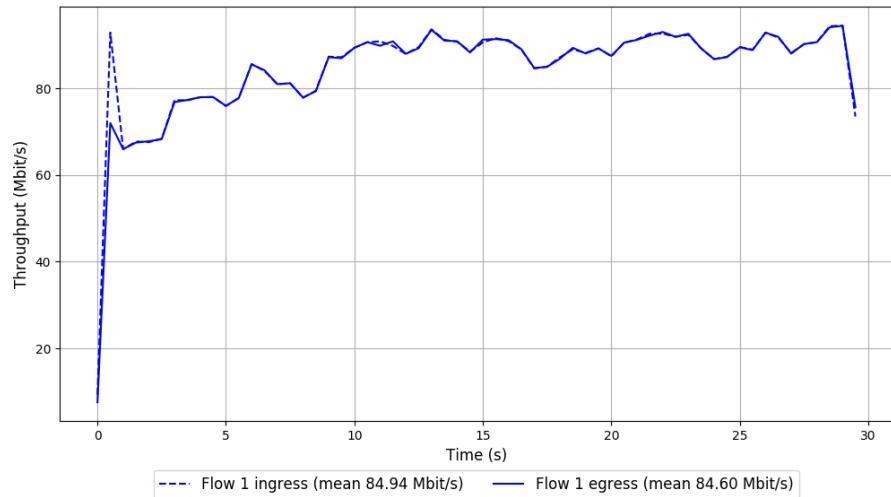


Run 5: Statistics of PCC

```
Start at: 2017-09-03 05:13:45
End at: 2017-09-03 05:14:15
Local clock offset: 2.942 ms
Remote clock offset: -3.808 ms

# Below is generated by plot.py at 2017-09-03 07:41:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.60 Mbit/s
95th percentile per-packet one-way delay: 17.007 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 84.60 Mbit/s
95th percentile per-packet one-way delay: 17.007 ms
Loss rate: 0.42%
```

Run 5: Report of PCC — Data Link

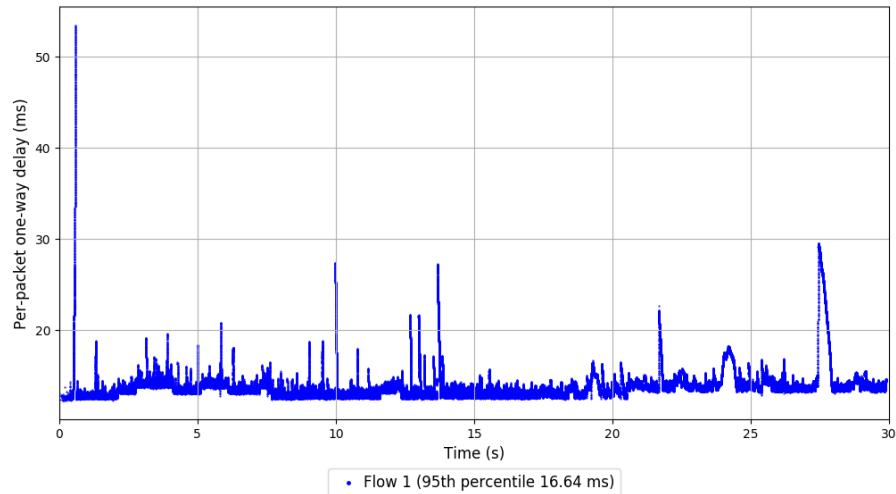
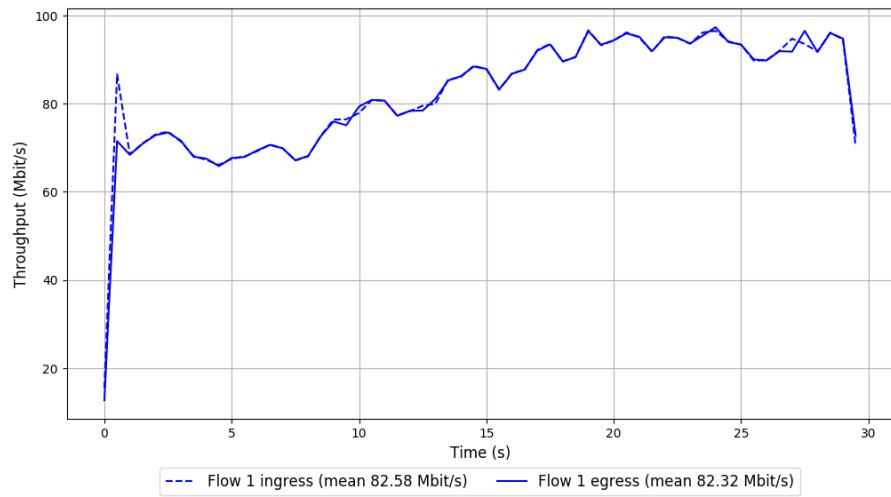


Run 6: Statistics of PCC

```
Start at: 2017-09-03 05:31:56
End at: 2017-09-03 05:32:26
Local clock offset: -0.478 ms
Remote clock offset: -4.209 ms

# Below is generated by plot.py at 2017-09-03 07:41:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.32 Mbit/s
95th percentile per-packet one-way delay: 16.635 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 82.32 Mbit/s
95th percentile per-packet one-way delay: 16.635 ms
Loss rate: 0.33%
```

Run 6: Report of PCC — Data Link

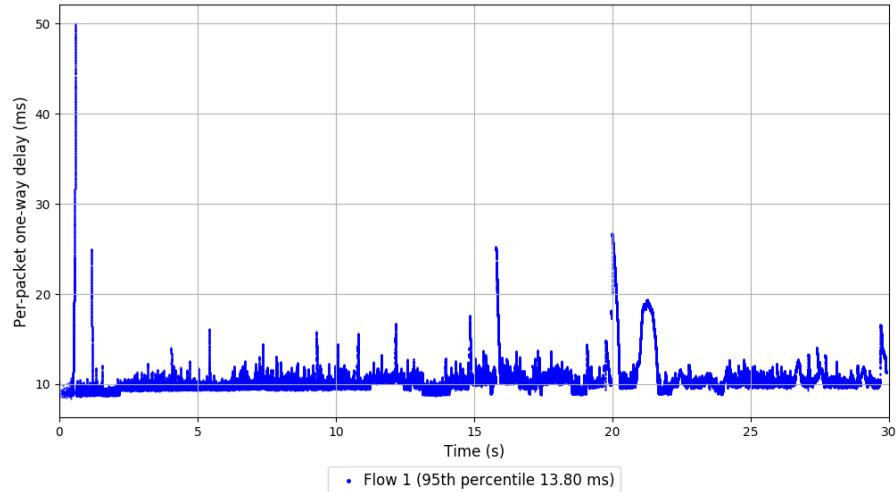
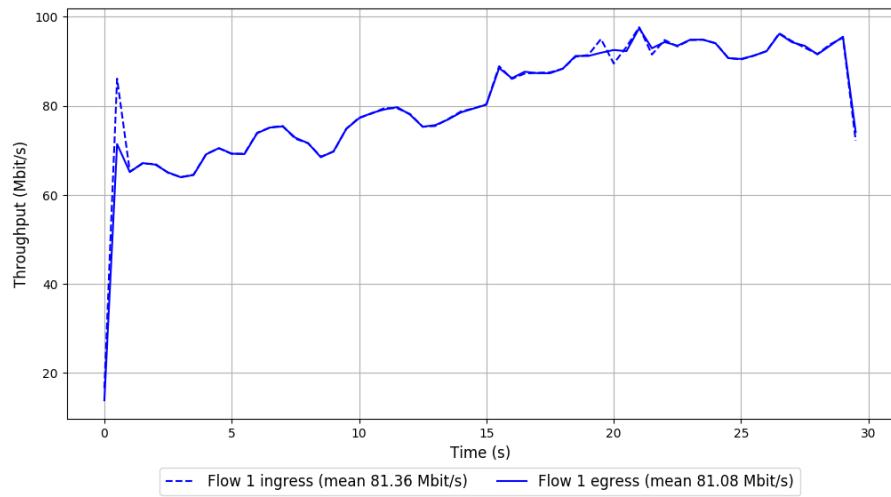


Run 7: Statistics of PCC

```
Start at: 2017-09-03 05:50:10
End at: 2017-09-03 05:50:40
Local clock offset: 0.423 ms
Remote clock offset: -5.673 ms

# Below is generated by plot.py at 2017-09-03 07:41:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.08 Mbit/s
95th percentile per-packet one-way delay: 13.801 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 81.08 Mbit/s
95th percentile per-packet one-way delay: 13.801 ms
Loss rate: 0.34%
```

Run 7: Report of PCC — Data Link

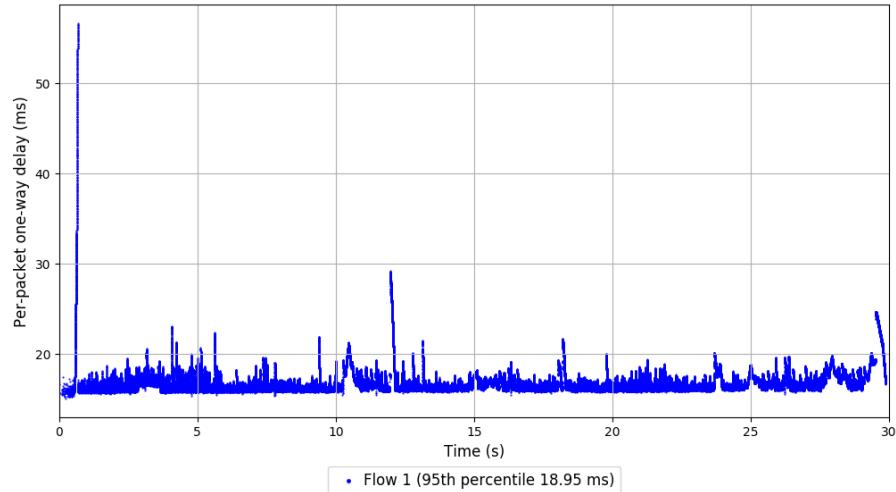
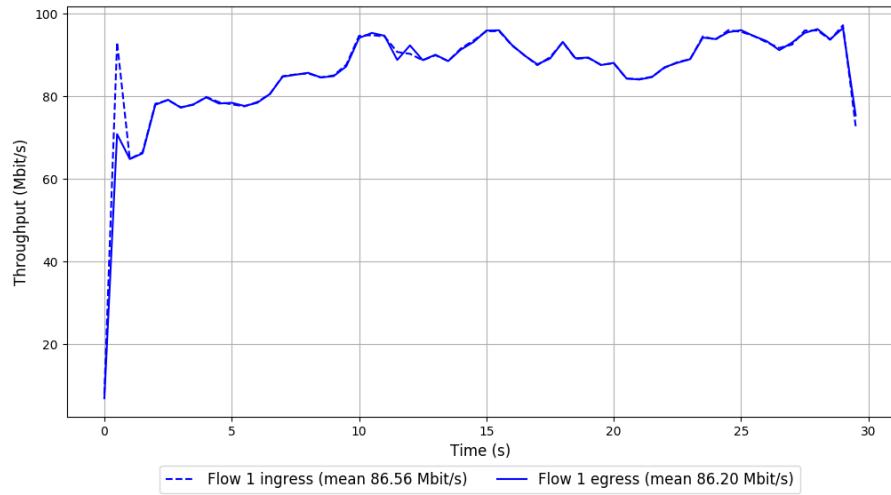


Run 8: Statistics of PCC

```
Start at: 2017-09-03 06:08:01
End at: 2017-09-03 06:08:31
Local clock offset: 0.994 ms
Remote clock offset: -7.126 ms

# Below is generated by plot.py at 2017-09-03 07:41:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.20 Mbit/s
95th percentile per-packet one-way delay: 18.954 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 86.20 Mbit/s
95th percentile per-packet one-way delay: 18.954 ms
Loss rate: 0.43%
```

Run 8: Report of PCC — Data Link

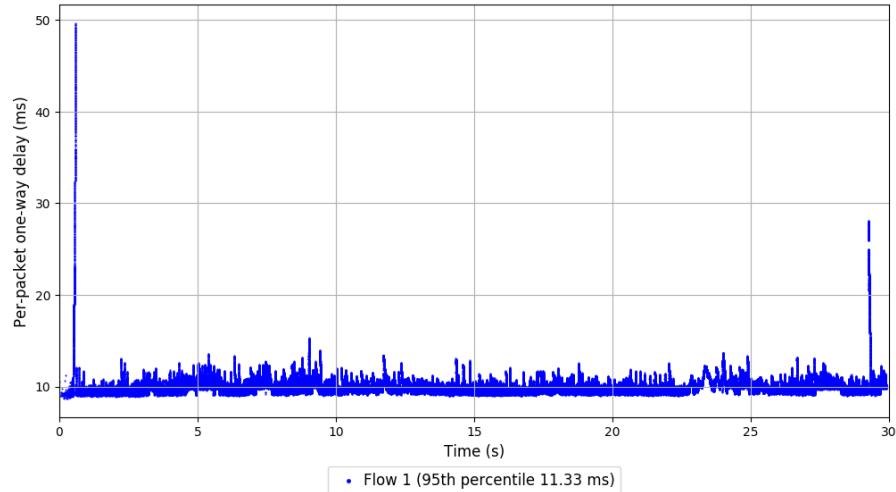
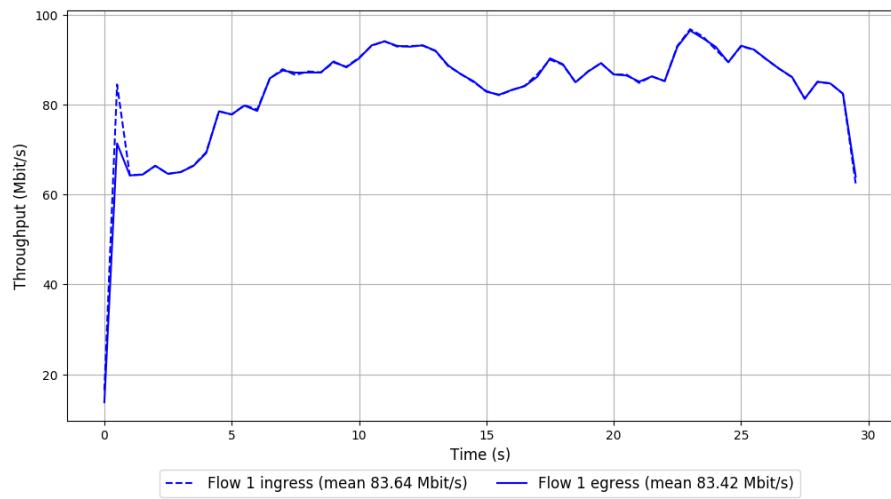


Run 9: Statistics of PCC

```
Start at: 2017-09-03 06:26:08
End at: 2017-09-03 06:26:38
Local clock offset: -0.353 ms
Remote clock offset: -9.547 ms

# Below is generated by plot.py at 2017-09-03 07:41:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.42 Mbit/s
95th percentile per-packet one-way delay: 11.331 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 83.42 Mbit/s
95th percentile per-packet one-way delay: 11.331 ms
Loss rate: 0.29%
```

Run 9: Report of PCC — Data Link

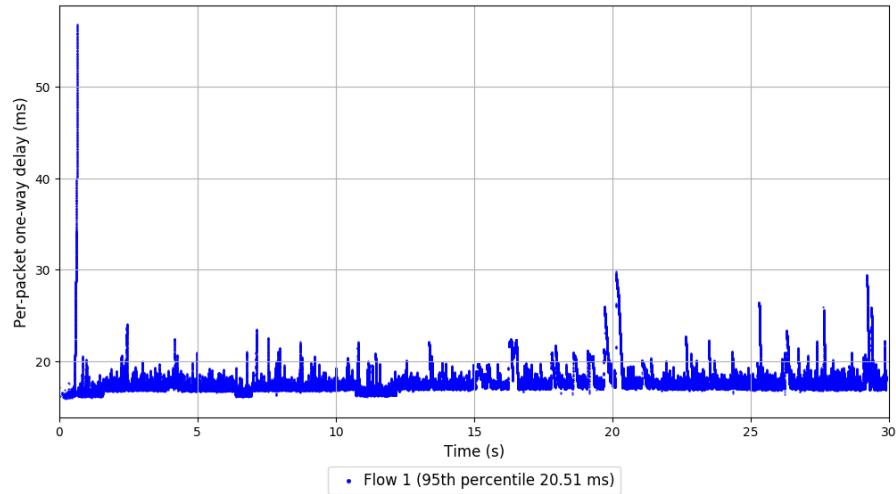
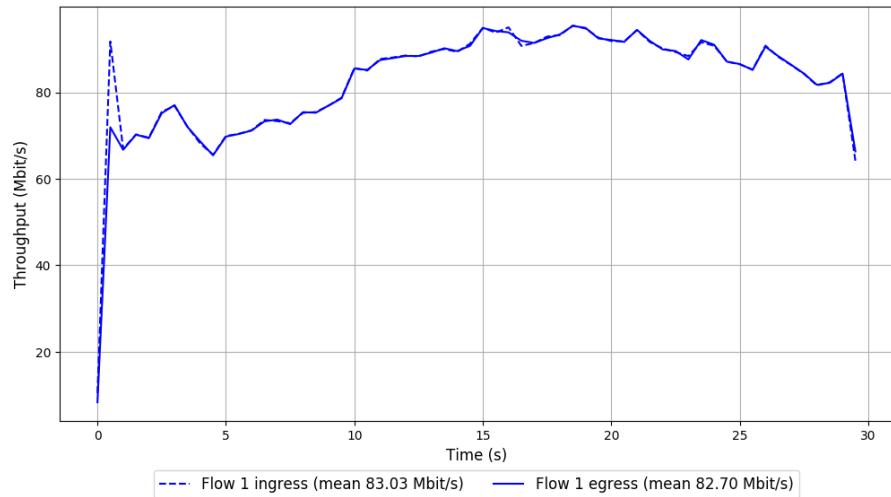


Run 10: Statistics of PCC

```
Start at: 2017-09-03 06:44:21
End at: 2017-09-03 06:44:51
Local clock offset: -0.116 ms
Remote clock offset: -7.799 ms

# Below is generated by plot.py at 2017-09-03 07:41:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.70 Mbit/s
95th percentile per-packet one-way delay: 20.509 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 82.70 Mbit/s
95th percentile per-packet one-way delay: 20.509 ms
Loss rate: 0.42%
```

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

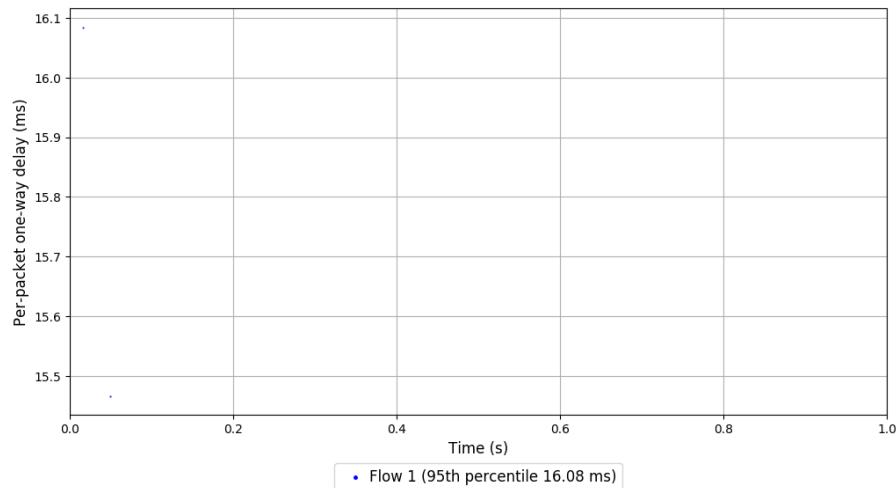
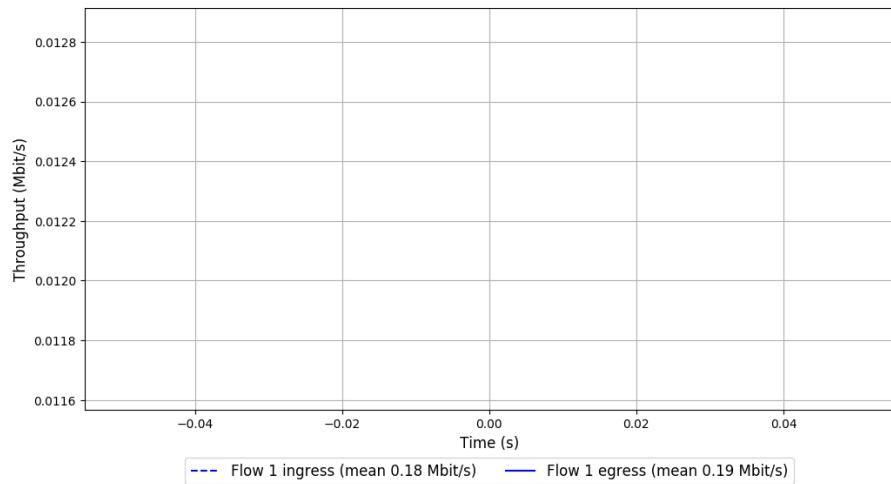
Start at: 2017-09-03 03:56:42

End at: 2017-09-03 03:57:12

Local clock offset: 1.126 ms

Remote clock offset: -6.044 ms

Run 1: Report of QUIC Cubic — Data Link

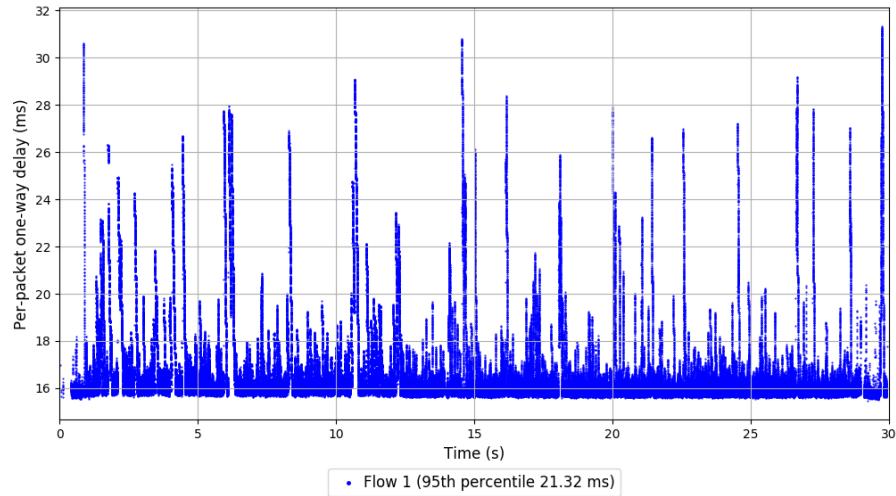
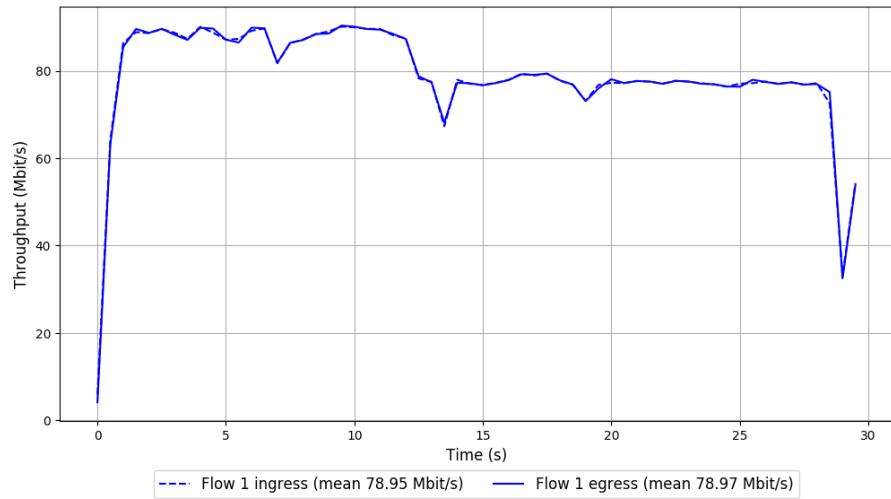


Run 2: Statistics of QUIC Cubic

```
Start at: 2017-09-03 04:14:29
End at: 2017-09-03 04:15:00
Local clock offset: 1.156 ms
Remote clock offset: -5.747 ms

# Below is generated by plot.py at 2017-09-03 07:42:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.97 Mbit/s
95th percentile per-packet one-way delay: 21.320 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 78.97 Mbit/s
95th percentile per-packet one-way delay: 21.320 ms
Loss rate: 0.02%
```

Run 2: Report of QUIC Cubic — Data Link

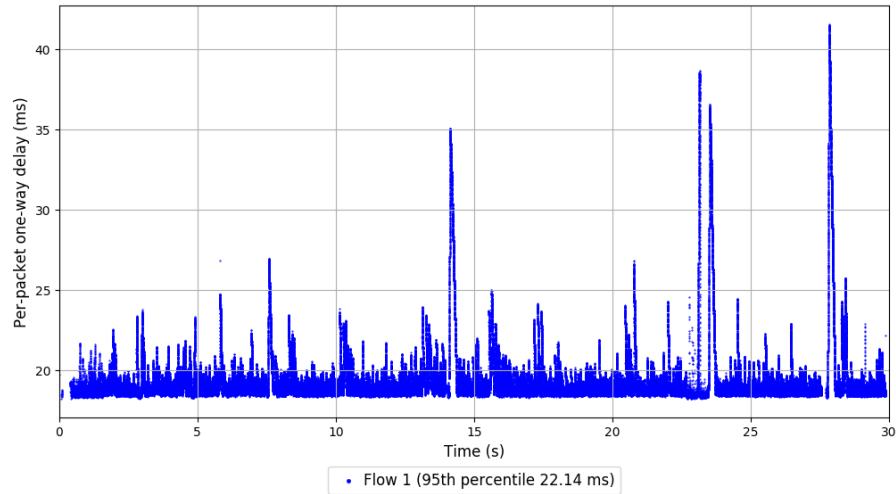
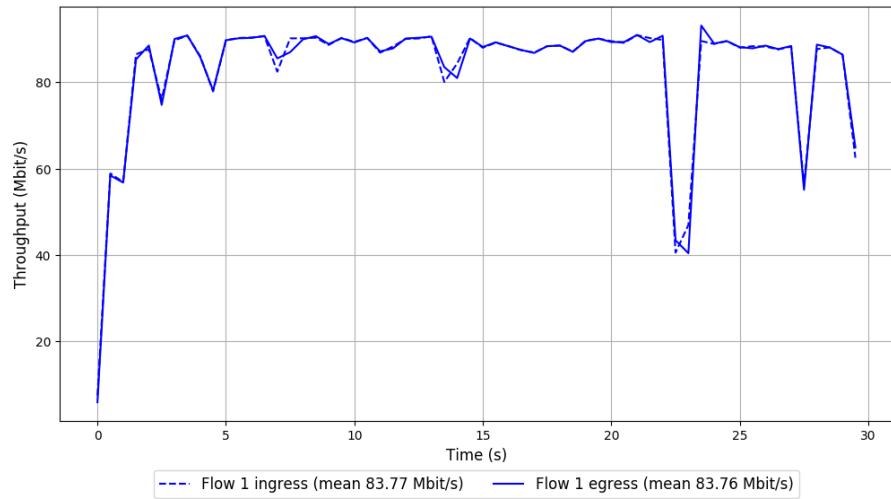


Run 3: Statistics of QUIC Cubic

```
Start at: 2017-09-03 04:32:10
End at: 2017-09-03 04:32:40
Local clock offset: -1.686 ms
Remote clock offset: -6.028 ms

# Below is generated by plot.py at 2017-09-03 07:42:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.76 Mbit/s
95th percentile per-packet one-way delay: 22.145 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 83.76 Mbit/s
95th percentile per-packet one-way delay: 22.145 ms
Loss rate: 0.02%
```

Run 3: Report of QUIC Cubic — Data Link

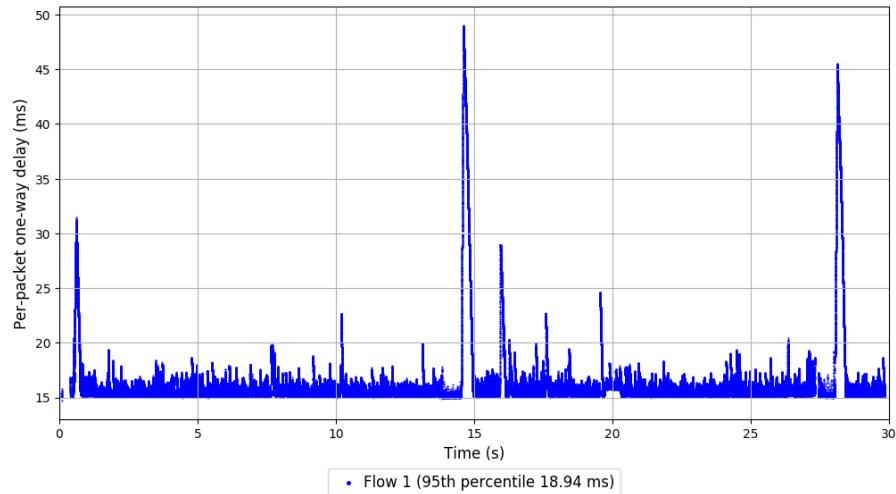
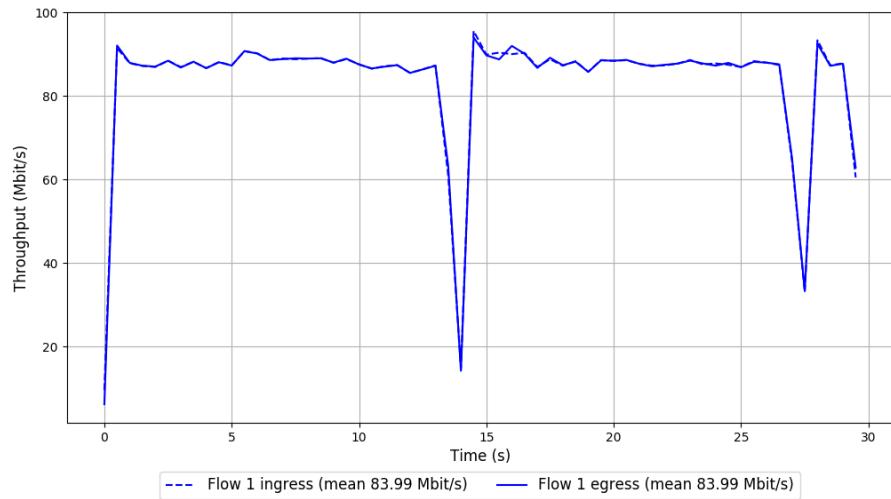


Run 4: Statistics of QUIC Cubic

```
Start at: 2017-09-03 04:50:00
End at: 2017-09-03 04:50:30
Local clock offset: 1.515 ms
Remote clock offset: -5.921 ms

# Below is generated by plot.py at 2017-09-03 07:42:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.99 Mbit/s
95th percentile per-packet one-way delay: 18.937 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 83.99 Mbit/s
95th percentile per-packet one-way delay: 18.937 ms
Loss rate: 0.01%
```

Run 4: Report of QUIC Cubic — Data Link

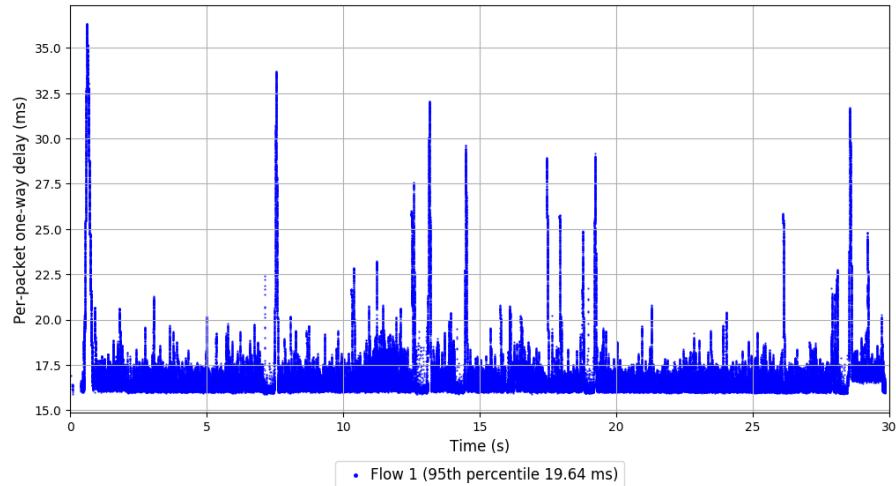
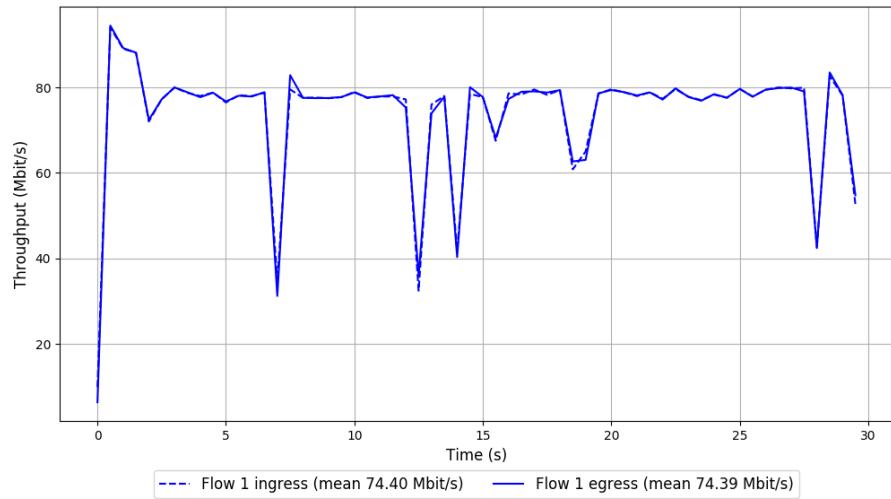


Run 5: Statistics of QUIC Cubic

```
Start at: 2017-09-03 05:07:52
End at: 2017-09-03 05:08:22
Local clock offset: 1.181 ms
Remote clock offset: -3.85 ms

# Below is generated by plot.py at 2017-09-03 07:42:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.39 Mbit/s
95th percentile per-packet one-way delay: 19.639 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 74.39 Mbit/s
95th percentile per-packet one-way delay: 19.639 ms
Loss rate: 0.02%
```

Run 5: Report of QUIC Cubic — Data Link

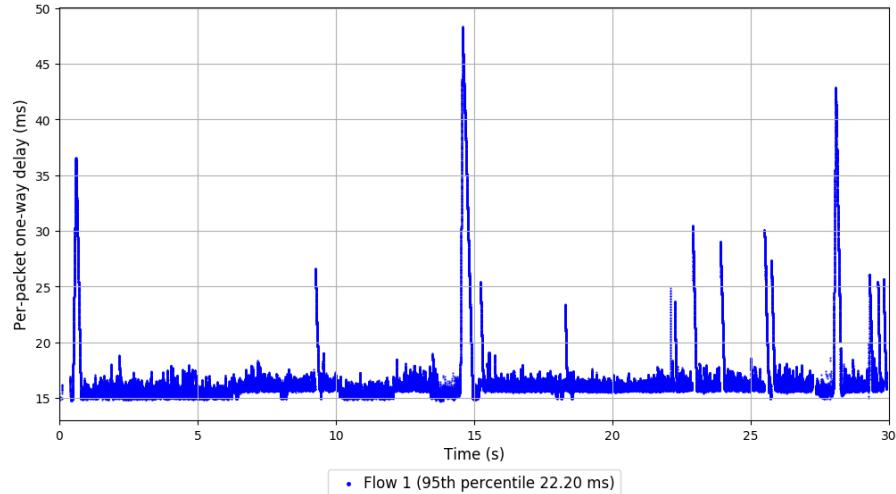
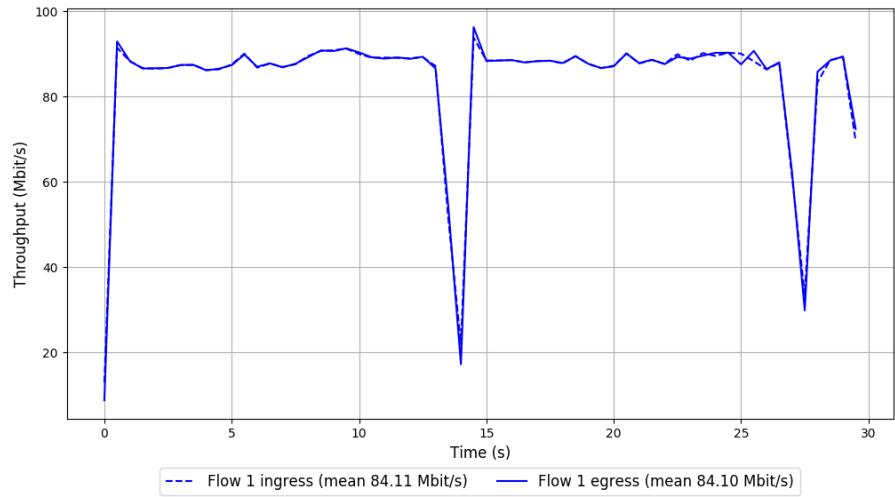


Run 6: Statistics of QUIC Cubic

```
Start at: 2017-09-03 05:26:01
End at: 2017-09-03 05:26:31
Local clock offset: -1.792 ms
Remote clock offset: -2.972 ms

# Below is generated by plot.py at 2017-09-03 07:42:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.10 Mbit/s
95th percentile per-packet one-way delay: 22.198 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.10 Mbit/s
95th percentile per-packet one-way delay: 22.198 ms
Loss rate: 0.00%
```

Run 6: Report of QUIC Cubic — Data Link

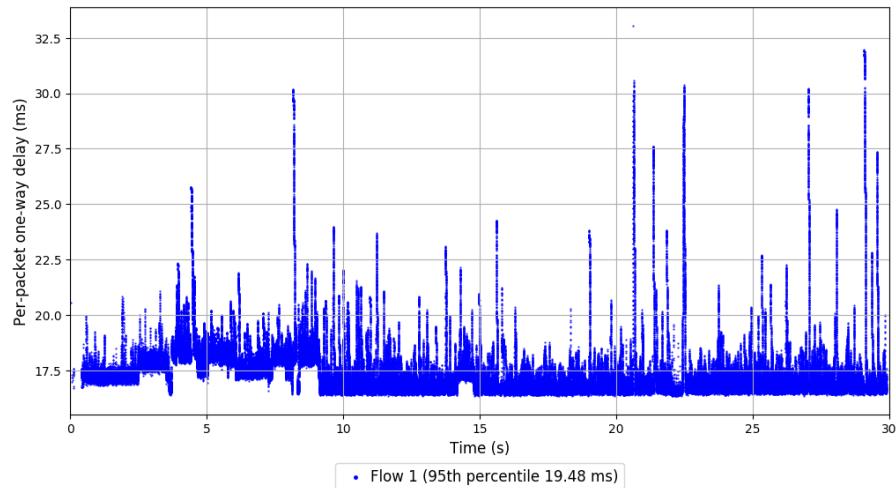
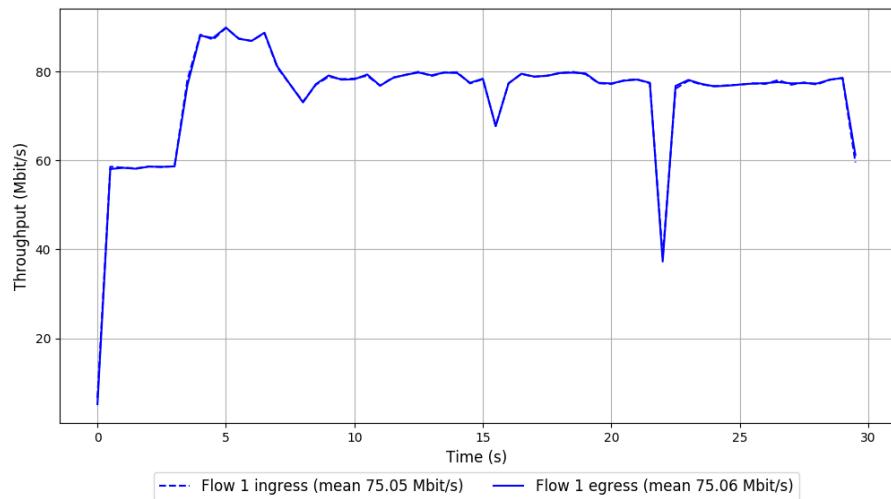


Run 7: Statistics of QUIC Cubic

```
Start at: 2017-09-03 05:44:05
End at: 2017-09-03 05:44:35
Local clock offset: -0.064 ms
Remote clock offset: -5.093 ms

# Below is generated by plot.py at 2017-09-03 07:42:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.06 Mbit/s
95th percentile per-packet one-way delay: 19.482 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 75.06 Mbit/s
95th percentile per-packet one-way delay: 19.482 ms
Loss rate: 0.02%
```

Run 7: Report of QUIC Cubic — Data Link

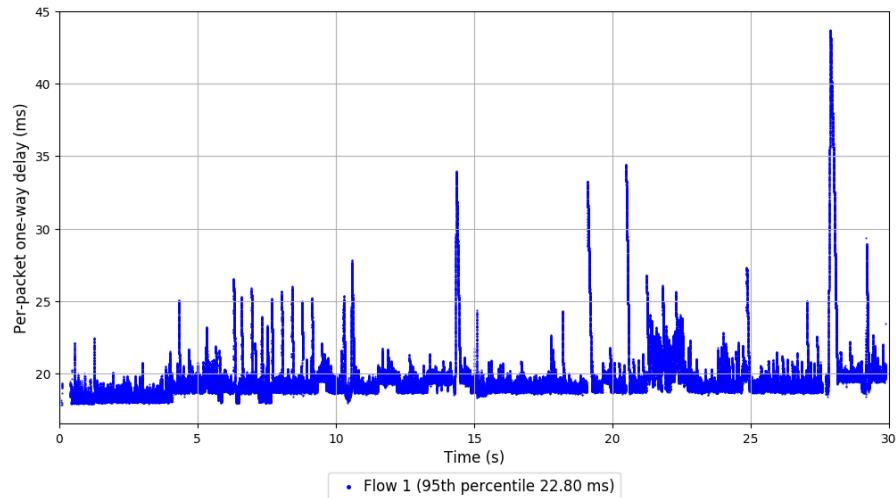
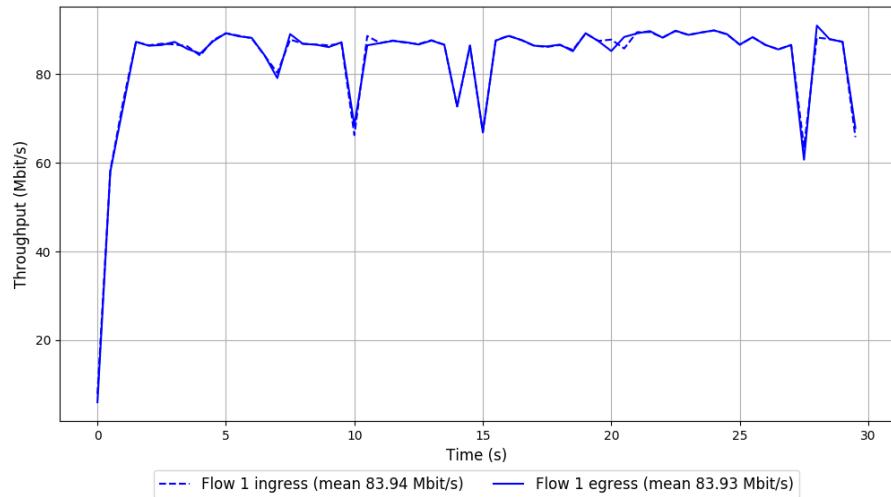


Run 8: Statistics of QUIC Cubic

```
Start at: 2017-09-03 06:02:05
End at: 2017-09-03 06:02:35
Local clock offset: -2.078 ms
Remote clock offset: -6.816 ms

# Below is generated by plot.py at 2017-09-03 07:42:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.93 Mbit/s
95th percentile per-packet one-way delay: 22.796 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 83.93 Mbit/s
95th percentile per-packet one-way delay: 22.796 ms
Loss rate: 0.03%
```

Run 8: Report of QUIC Cubic — Data Link

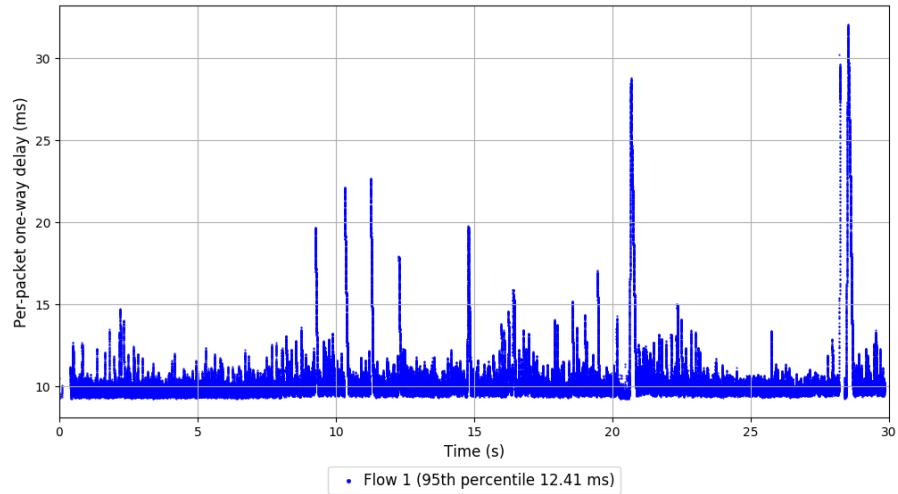
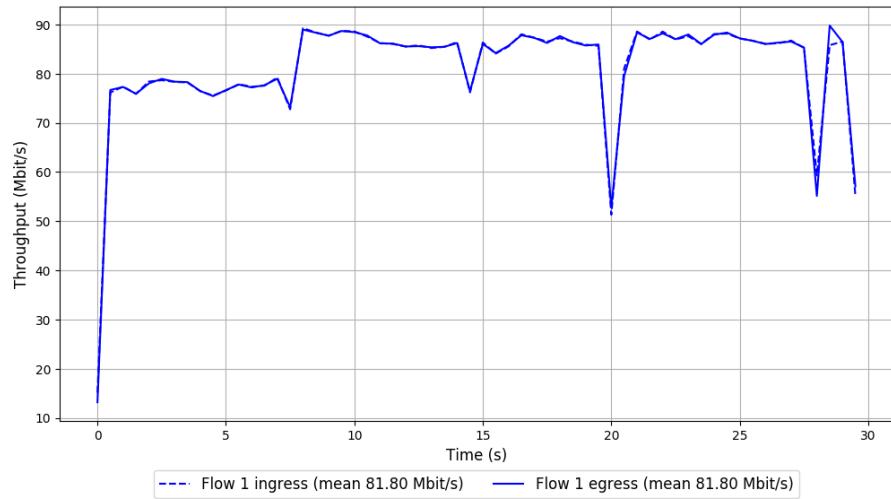


Run 9: Statistics of QUIC Cubic

```
Start at: 2017-09-03 06:20:08
End at: 2017-09-03 06:20:38
Local clock offset: -0.493 ms
Remote clock offset: -8.752 ms

# Below is generated by plot.py at 2017-09-03 07:42:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.80 Mbit/s
95th percentile per-packet one-way delay: 12.413 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 81.80 Mbit/s
95th percentile per-packet one-way delay: 12.413 ms
Loss rate: 0.00%
```

Run 9: Report of QUIC Cubic — Data Link

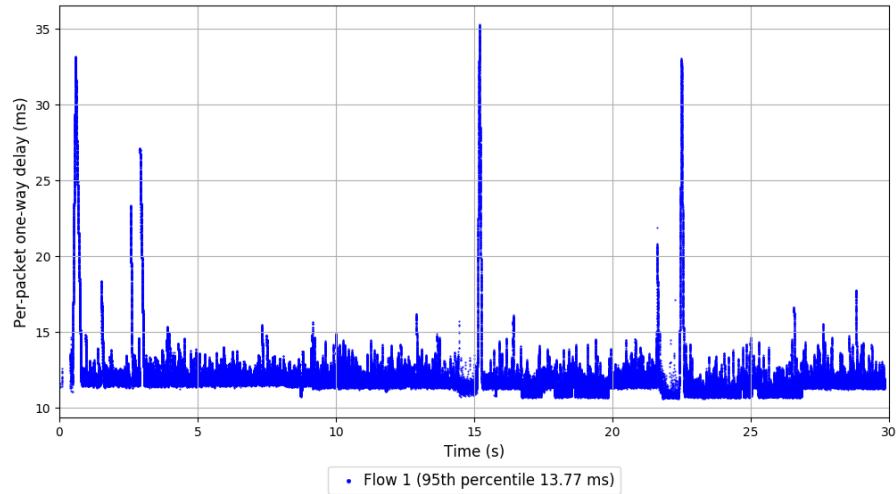
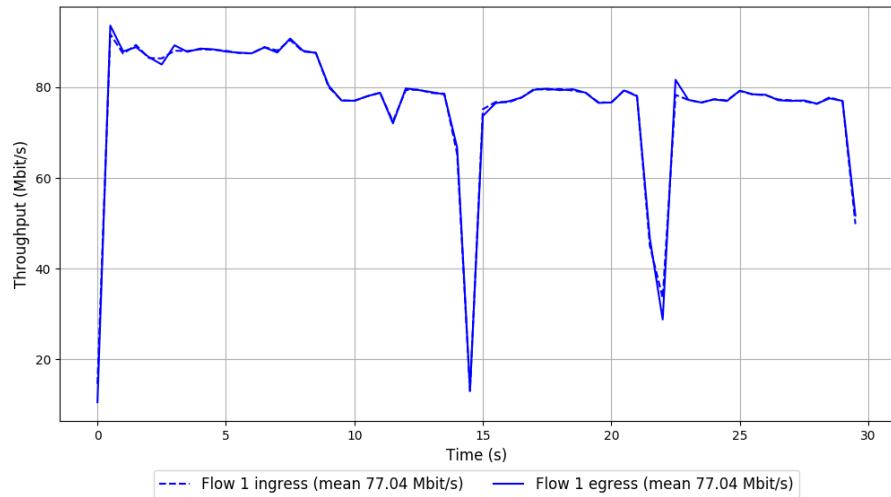


Run 10: Statistics of QUIC Cubic

```
Start at: 2017-09-03 06:38:19
End at: 2017-09-03 06:38:49
Local clock offset: -2.192 ms
Remote clock offset: -8.883 ms

# Below is generated by plot.py at 2017-09-03 07:42:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.04 Mbit/s
95th percentile per-packet one-way delay: 13.772 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 77.04 Mbit/s
95th percentile per-packet one-way delay: 13.772 ms
Loss rate: 0.00%
```

Run 10: Report of QUIC Cubic — Data Link

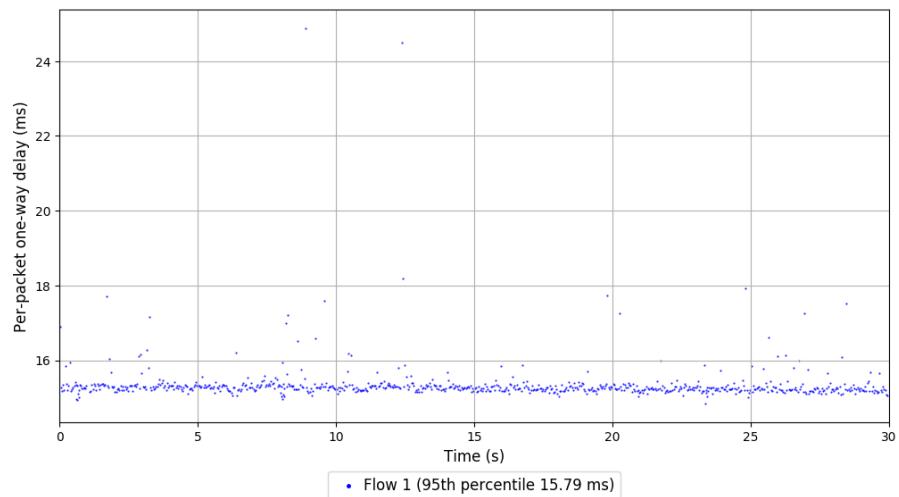
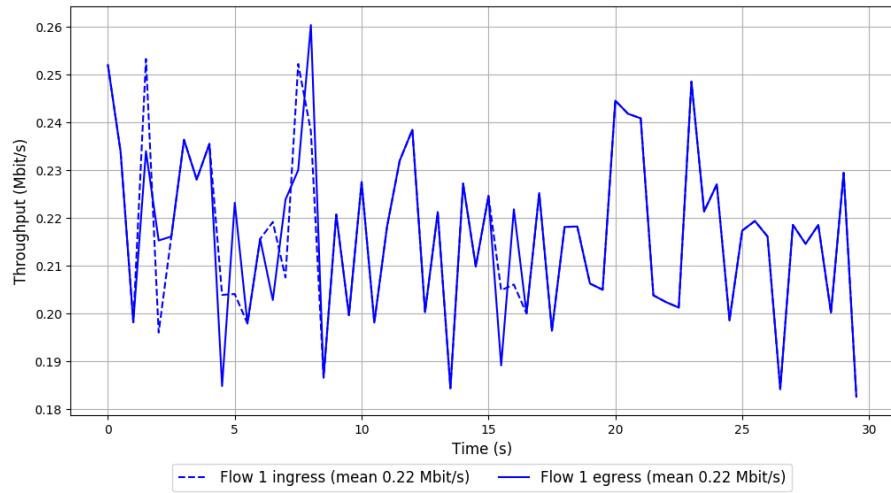


Run 1: Statistics of SCReAM

```
Start at: 2017-09-03 03:57:47
End at: 2017-09-03 03:58:17
Local clock offset: 1.165 ms
Remote clock offset: -6.501 ms

# Below is generated by plot.py at 2017-09-03 07:42:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 15.791 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 15.791 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

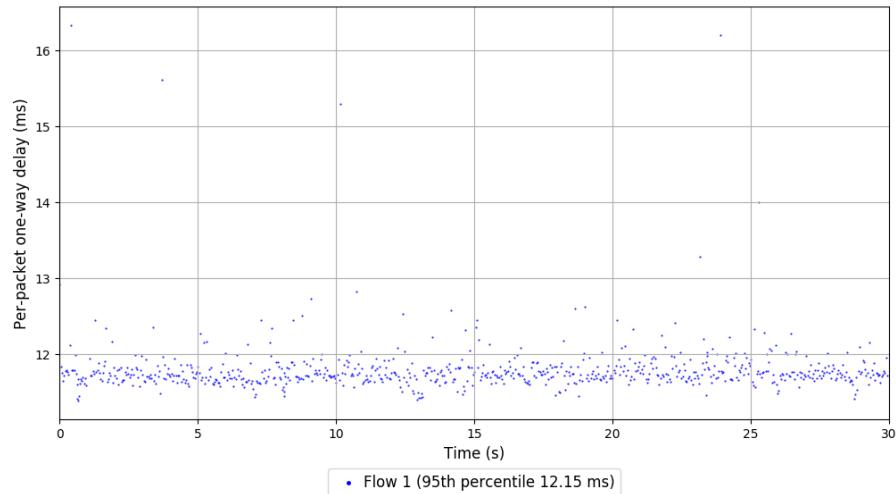
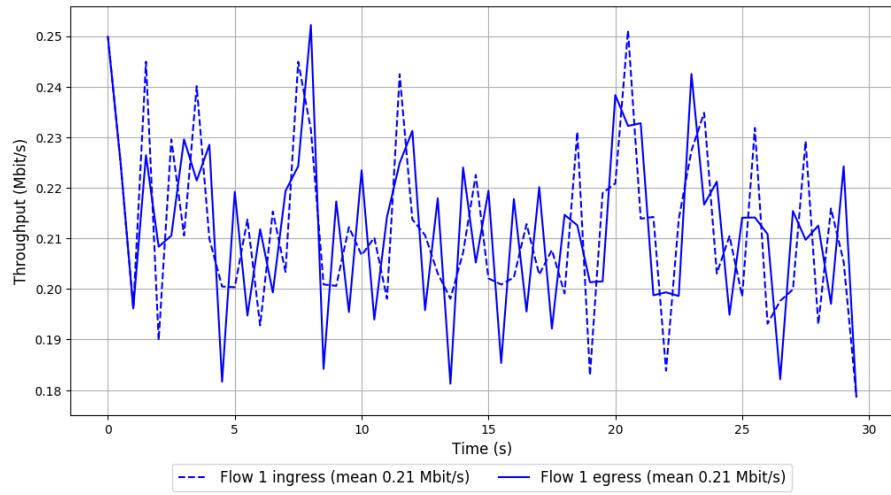


Run 2: Statistics of SCReAM

```
Start at: 2017-09-03 04:15:40
End at: 2017-09-03 04:16:10
Local clock offset: -1.65 ms
Remote clock offset: -5.921 ms

# Below is generated by plot.py at 2017-09-03 07:42:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 12.148 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 12.148 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link



Run 3: Statistics of SCReAM

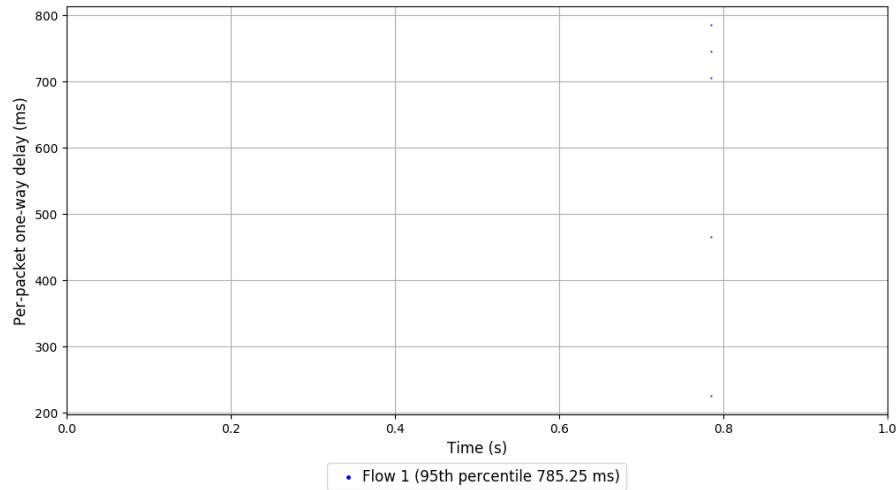
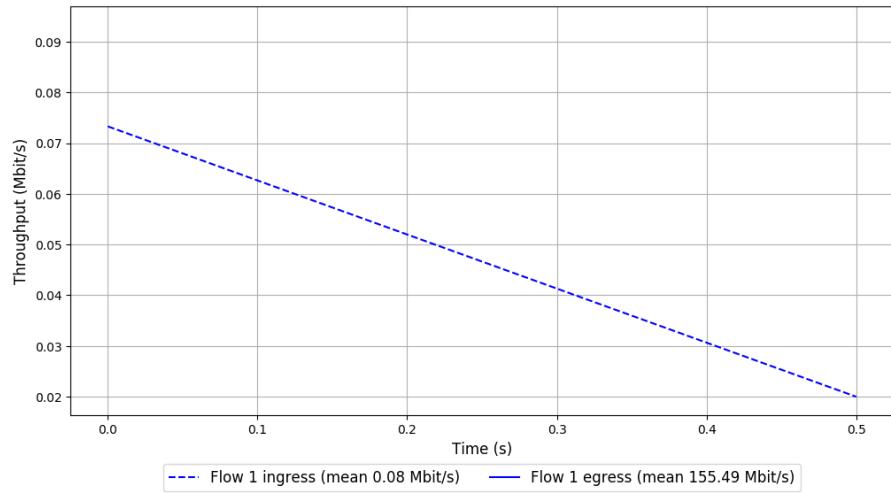
Start at: 2017-09-03 04:33:24

End at: 2017-09-03 04:33:54

Local clock offset: -3.429 ms

Remote clock offset: -5.518 ms

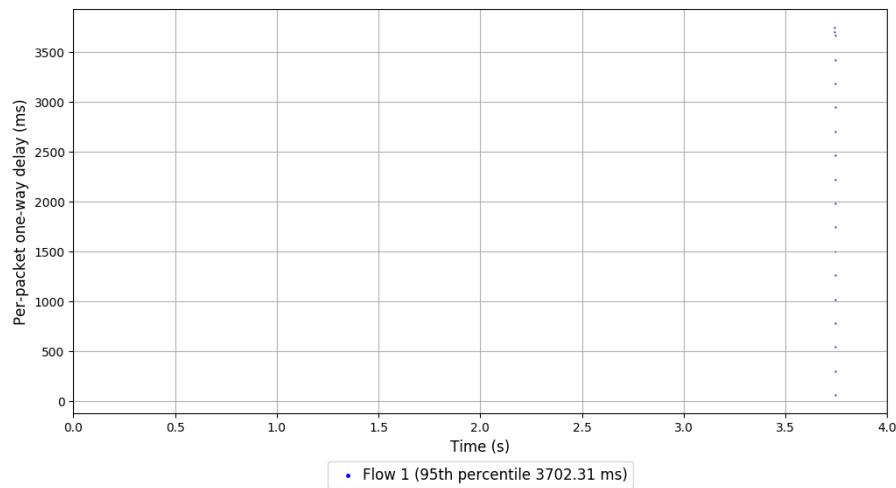
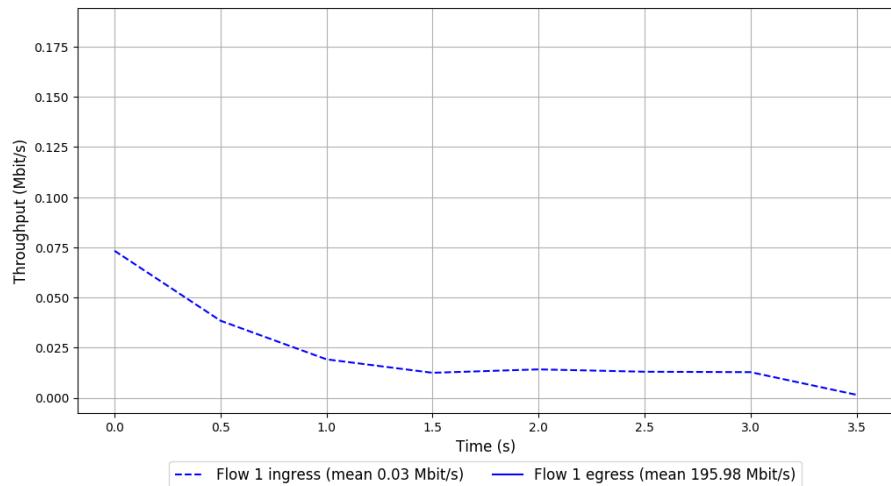
Run 3: Report of SCReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2017-09-03 04:51:12
End at: 2017-09-03 04:51:42
Local clock offset: 0.461 ms
Remote clock offset: -6.427 ms

Run 4: Report of SCReAM — Data Link

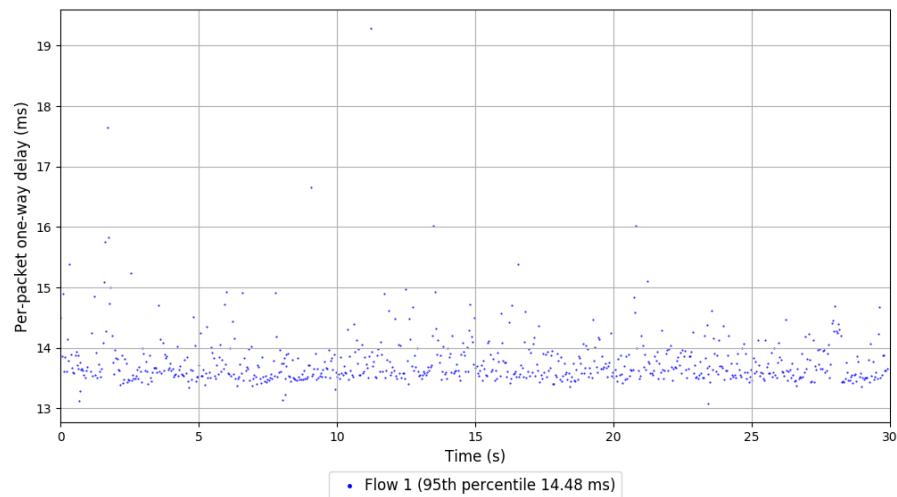
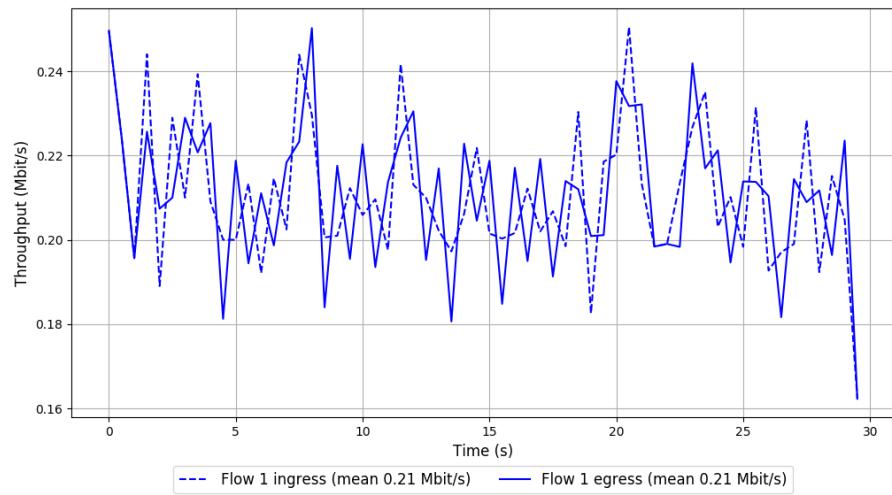


Run 5: Statistics of SCReAM

```
Start at: 2017-09-03 05:09:04
End at: 2017-09-03 05:09:34
Local clock offset: -2.184 ms
Remote clock offset: -3.02 ms

# Below is generated by plot.py at 2017-09-03 07:42:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 14.479 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 14.479 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

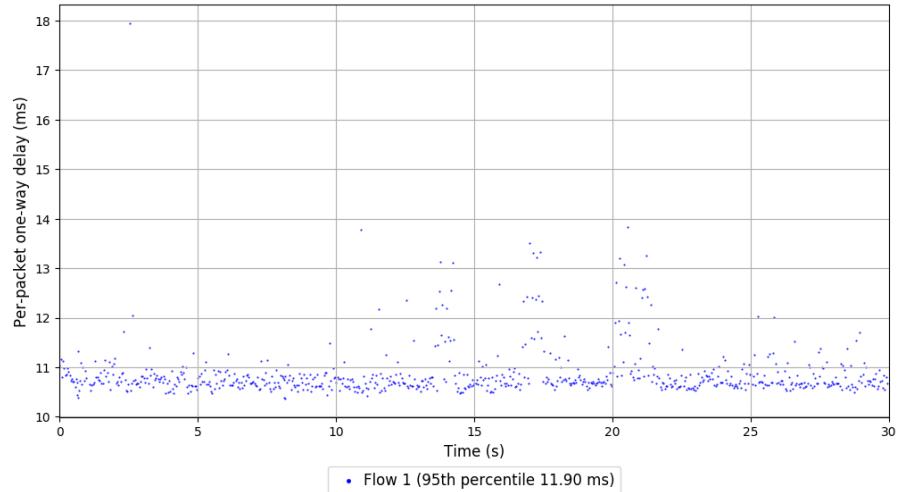
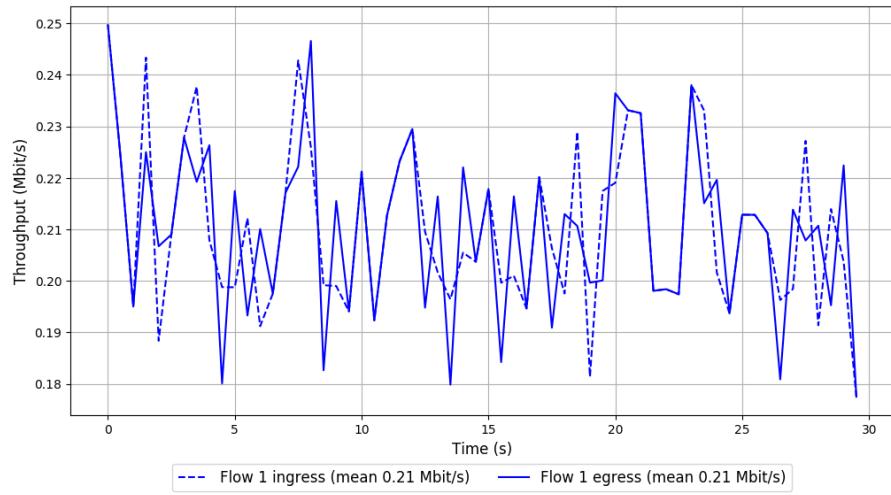


Run 6: Statistics of SCReAM

```
Start at: 2017-09-03 05:27:19
End at: 2017-09-03 05:27:49
Local clock offset: -2.317 ms
Remote clock offset: -7.908 ms

# Below is generated by plot.py at 2017-09-03 07:42:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 11.901 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 11.901 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link



Run 7: Statistics of SCReAM

Start at: 2017-09-03 05:45:20

End at: 2017-09-03 05:45:50

Local clock offset: -1.963 ms

Remote clock offset: -3.089 ms

Run 7: Report of SCReAM — Data Link

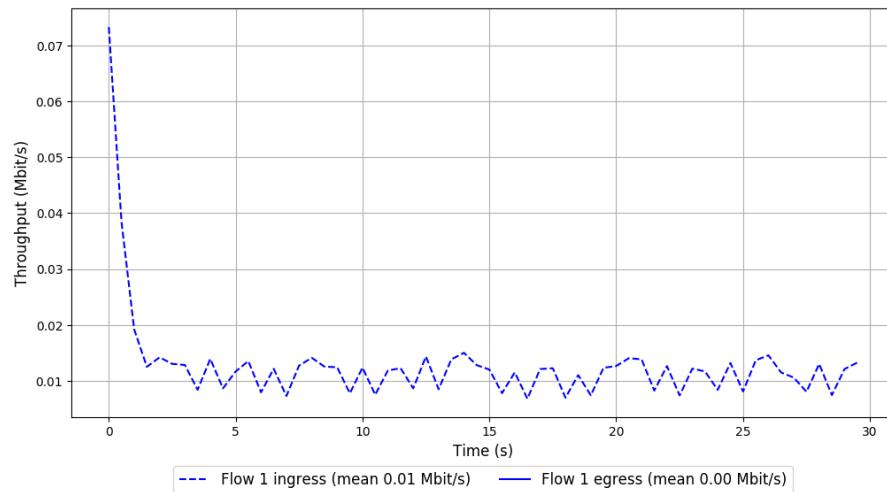


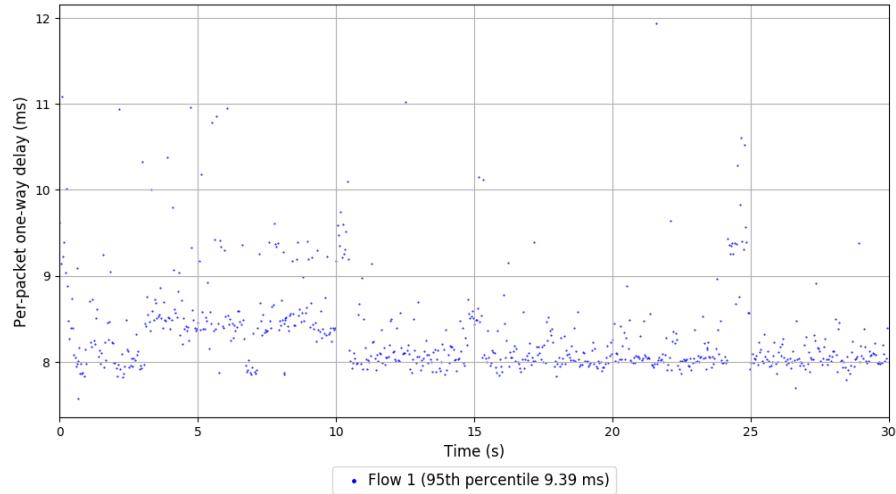
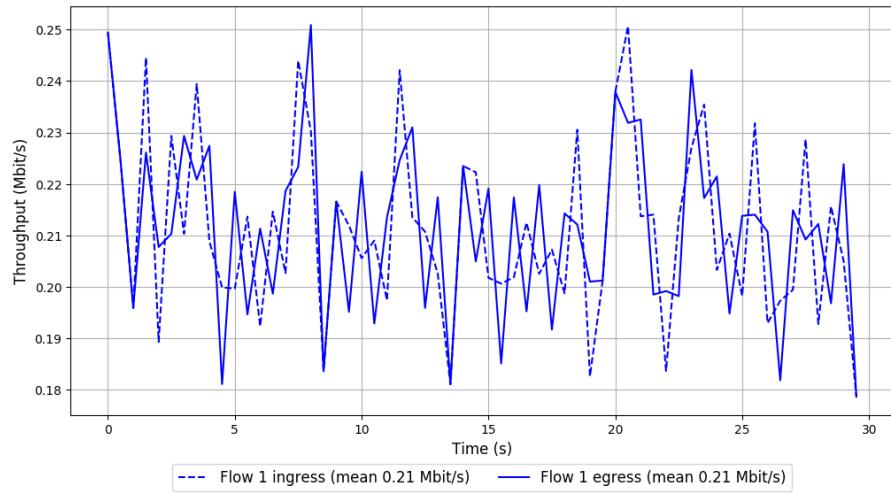
Figure is missing

Run 8: Statistics of SCReAM

```
Start at: 2017-09-03 06:03:16
End at: 2017-09-03 06:03:46
Local clock offset: 0.826 ms
Remote clock offset: -7.391 ms

# Below is generated by plot.py at 2017-09-03 07:42:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 9.387 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 9.387 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

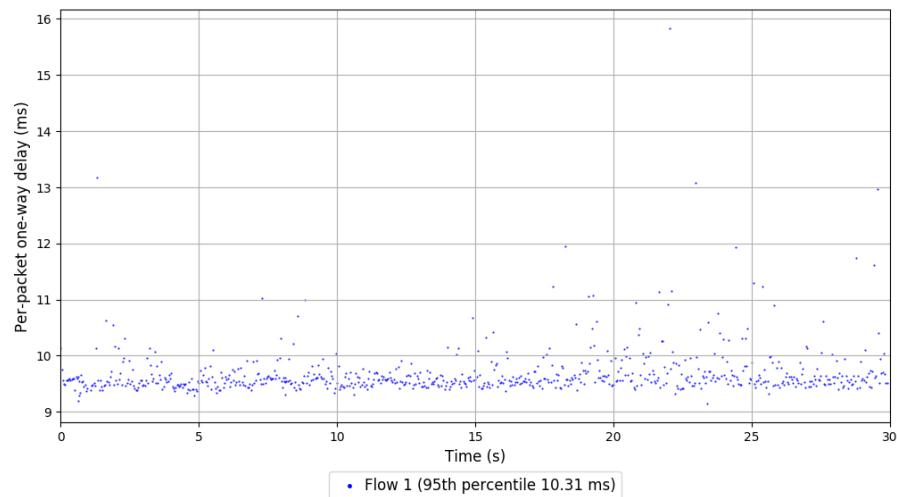
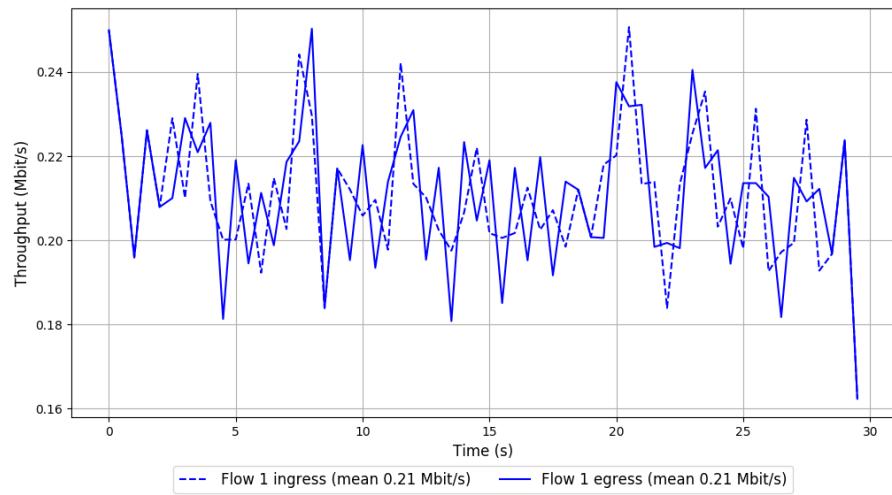


Run 9: Statistics of SCReAM

```
Start at: 2017-09-03 06:21:21
End at: 2017-09-03 06:21:51
Local clock offset: 0.442 ms
Remote clock offset: -7.885 ms

# Below is generated by plot.py at 2017-09-03 07:42:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 10.310 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 10.310 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

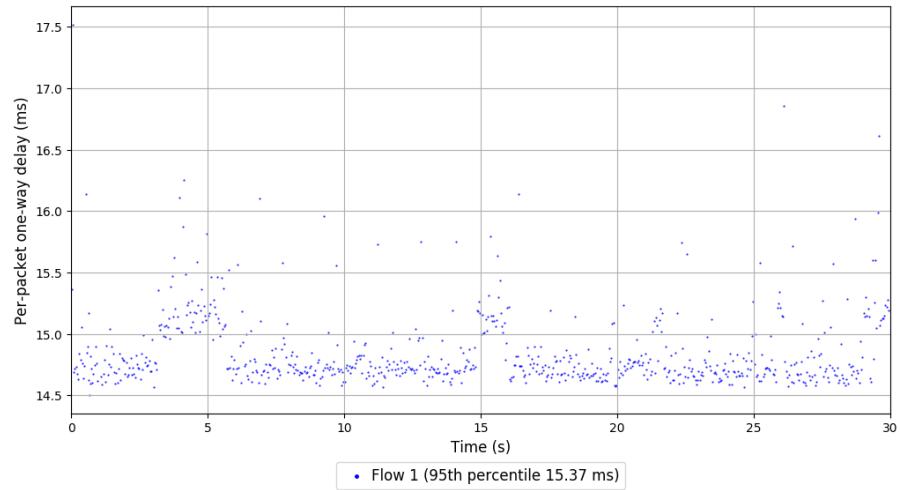
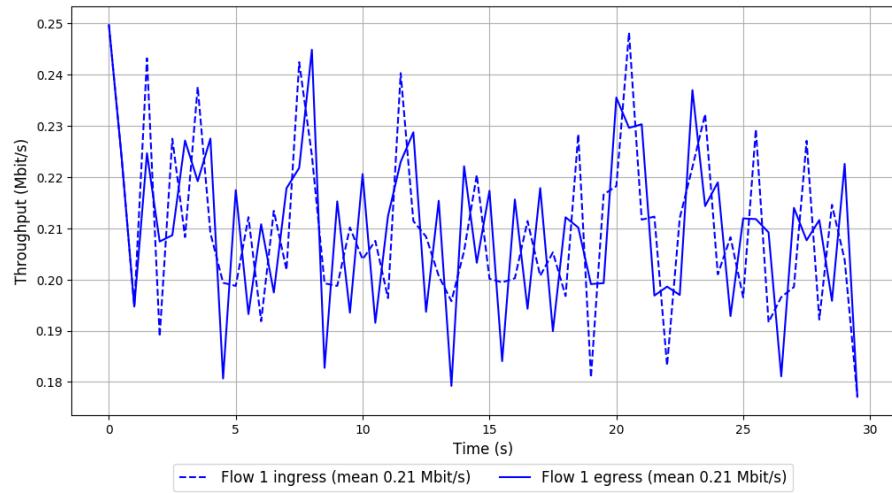


Run 10: Statistics of SCReAM

```
Start at: 2017-09-03 06:39:30
End at: 2017-09-03 06:40:00
Local clock offset: -2.999 ms
Remote clock offset: -7.731 ms

# Below is generated by plot.py at 2017-09-03 07:42:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 15.370 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 15.370 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

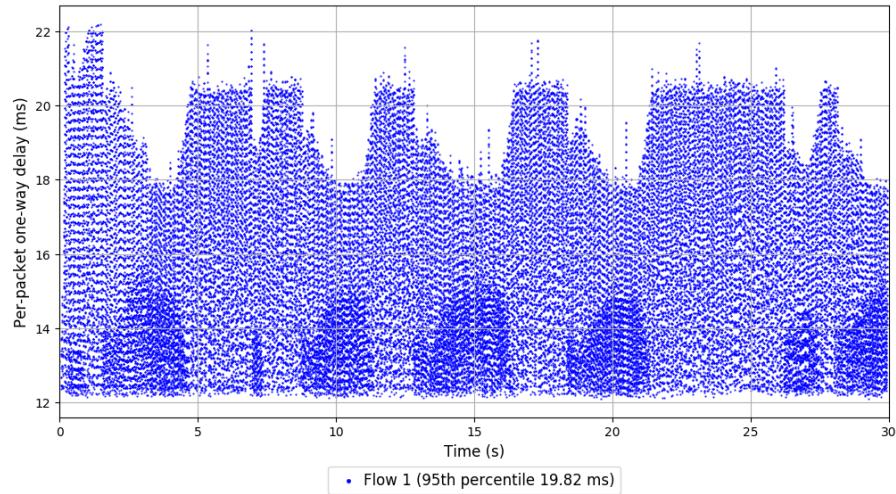
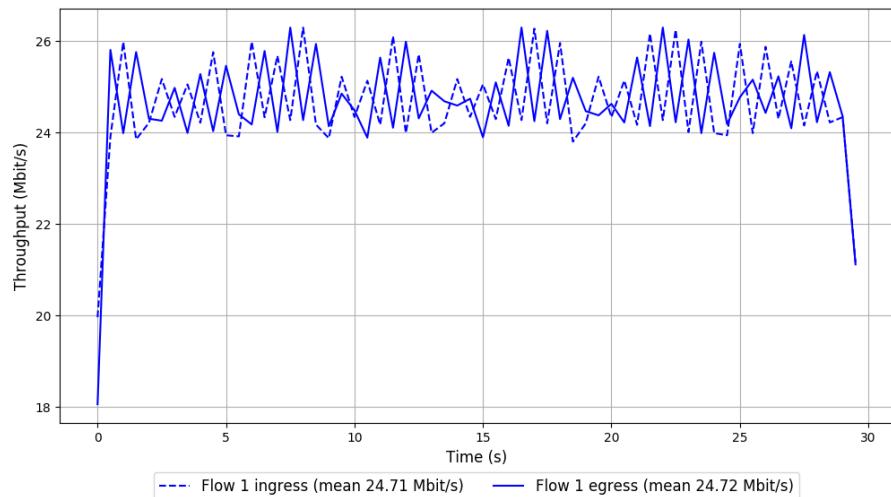


Run 1: Statistics of Sprout

```
Start at: 2017-09-03 04:07:29
End at: 2017-09-03 04:07:59
Local clock offset: -1.611 ms
Remote clock offset: -5.504 ms

# Below is generated by plot.py at 2017-09-03 07:42:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.72 Mbit/s
95th percentile per-packet one-way delay: 19.820 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.72 Mbit/s
95th percentile per-packet one-way delay: 19.820 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

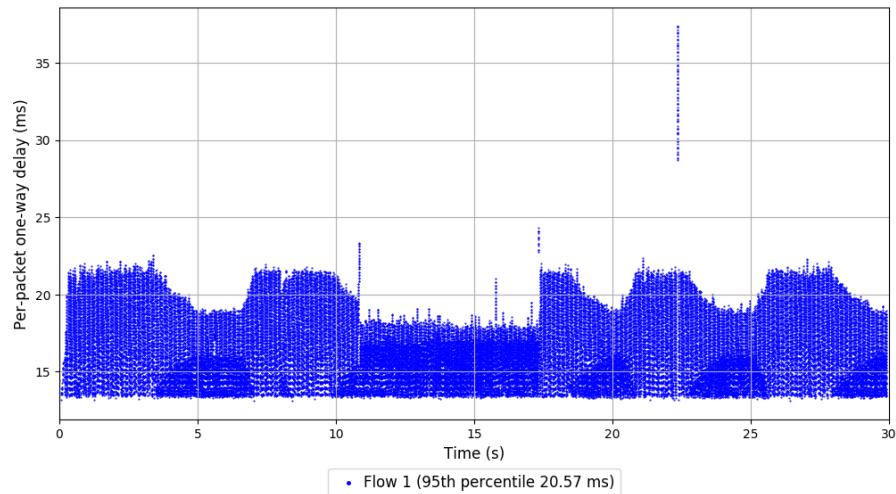
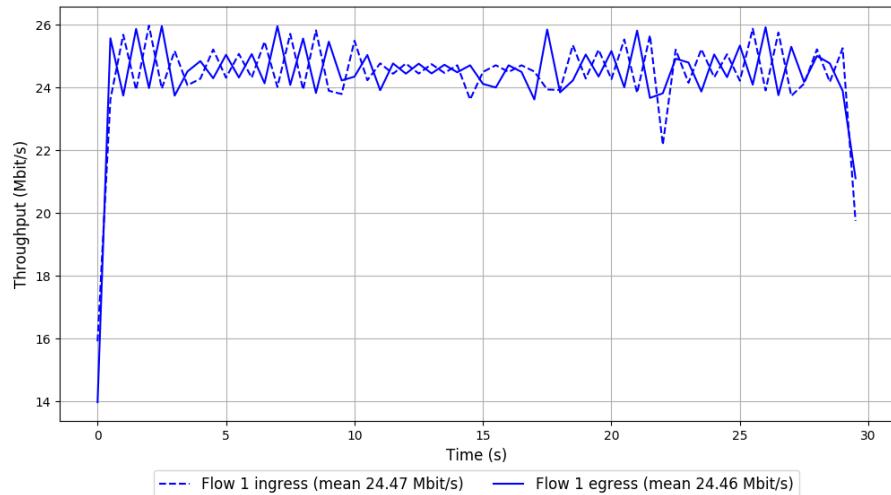


Run 2: Statistics of Sprout

```
Start at: 2017-09-03 04:24:58
End at: 2017-09-03 04:25:28
Local clock offset: -1.711 ms
Remote clock offset: -6.218 ms

# Below is generated by plot.py at 2017-09-03 07:42:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 20.575 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 20.575 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

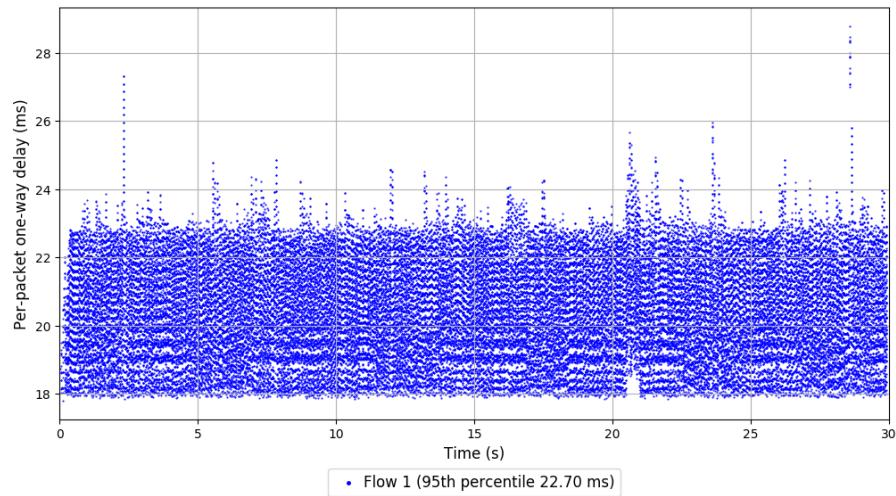
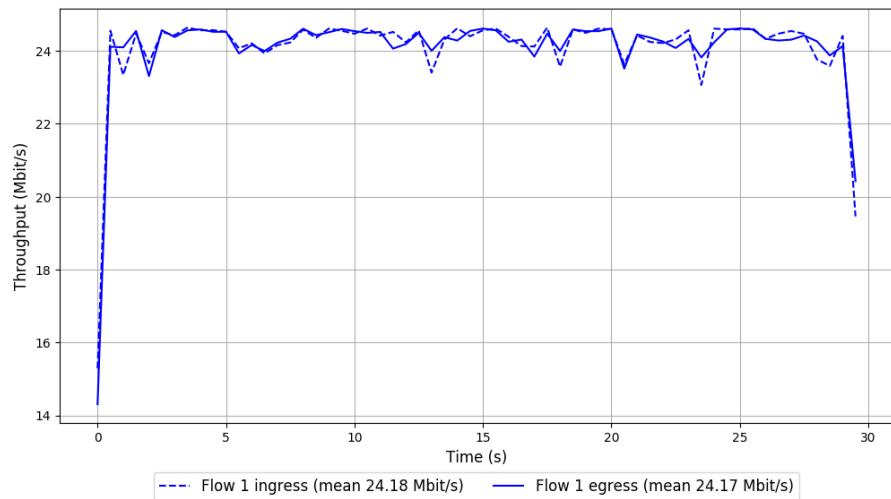


Run 3: Statistics of Sprout

```
Start at: 2017-09-03 04:42:56
End at: 2017-09-03 04:43:26
Local clock offset: -1.181 ms
Remote clock offset: -6.063 ms

# Below is generated by plot.py at 2017-09-03 07:42:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.17 Mbit/s
95th percentile per-packet one-way delay: 22.695 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.17 Mbit/s
95th percentile per-packet one-way delay: 22.695 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

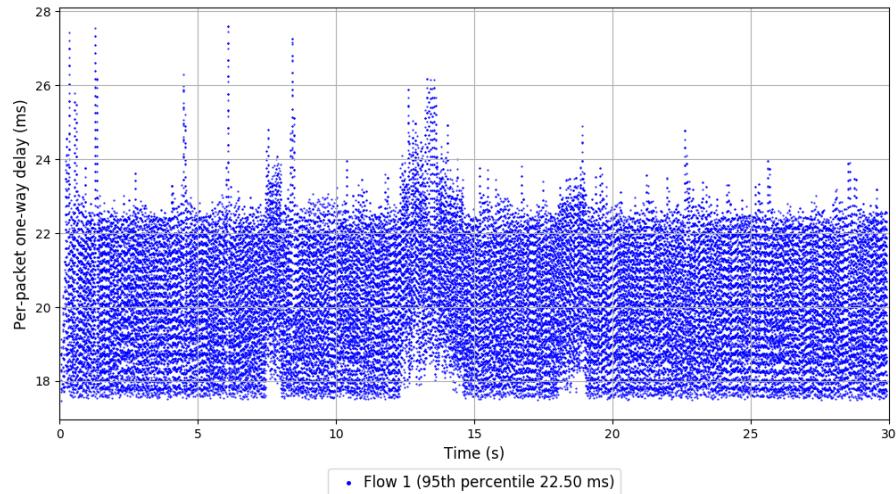
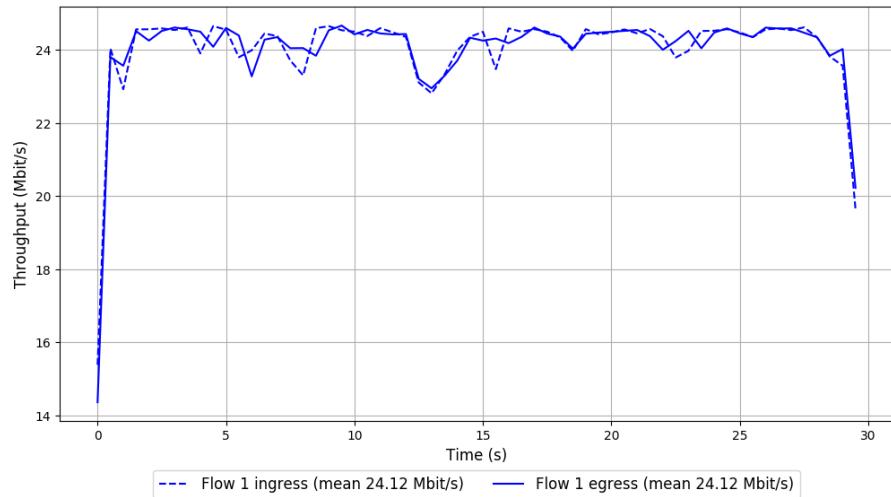


Run 4: Statistics of Sprout

```
Start at: 2017-09-03 05:00:43
End at: 2017-09-03 05:01:13
Local clock offset: 0.097 ms
Remote clock offset: -4.126 ms

# Below is generated by plot.py at 2017-09-03 07:42:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.12 Mbit/s
95th percentile per-packet one-way delay: 22.504 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.12 Mbit/s
95th percentile per-packet one-way delay: 22.504 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

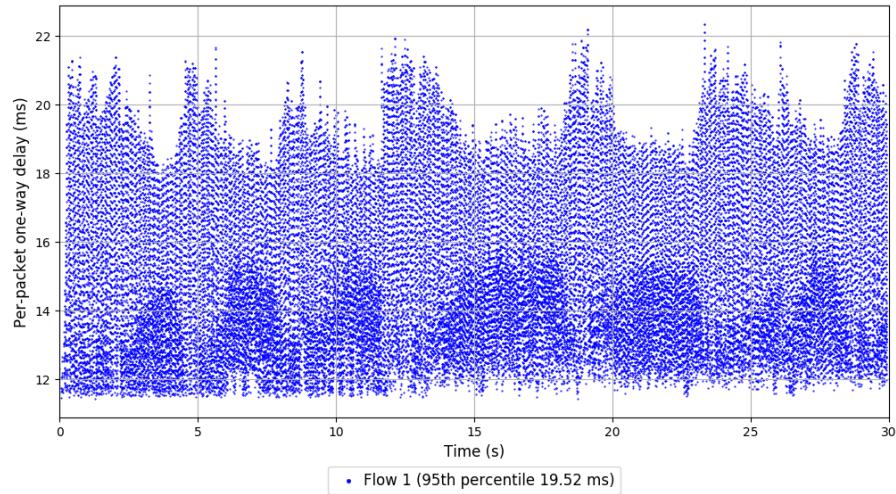
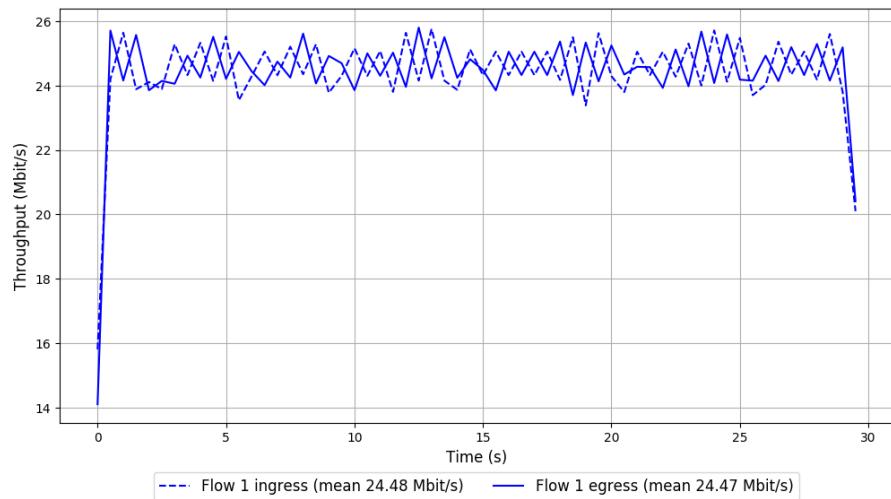


Run 5: Statistics of Sprout

```
Start at: 2017-09-03 05:18:50
End at: 2017-09-03 05:19:20
Local clock offset: 0.805 ms
Remote clock offset: -3.384 ms

# Below is generated by plot.py at 2017-09-03 07:43:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 19.520 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 19.520 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

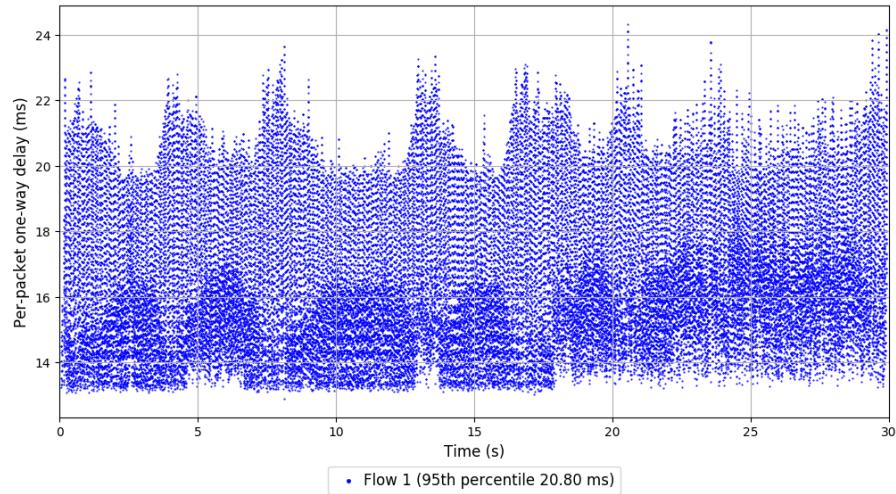
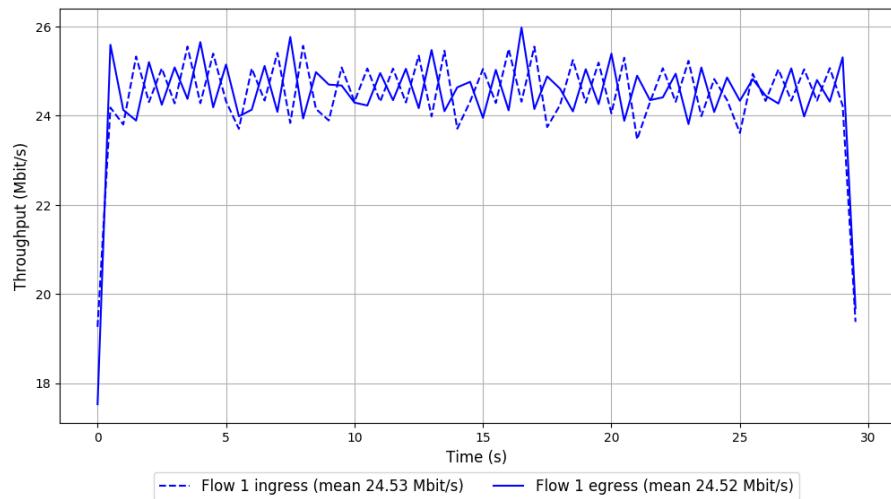


Run 6: Statistics of Sprout

```
Start at: 2017-09-03 05:36:54
End at: 2017-09-03 05:37:24
Local clock offset: 0.364 ms
Remote clock offset: -2.943 ms

# Below is generated by plot.py at 2017-09-03 07:43:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.52 Mbit/s
95th percentile per-packet one-way delay: 20.798 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.52 Mbit/s
95th percentile per-packet one-way delay: 20.798 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

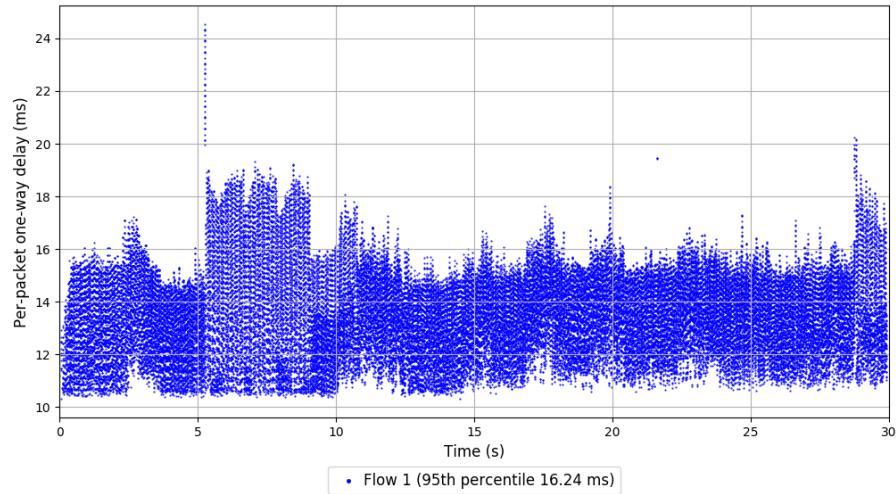
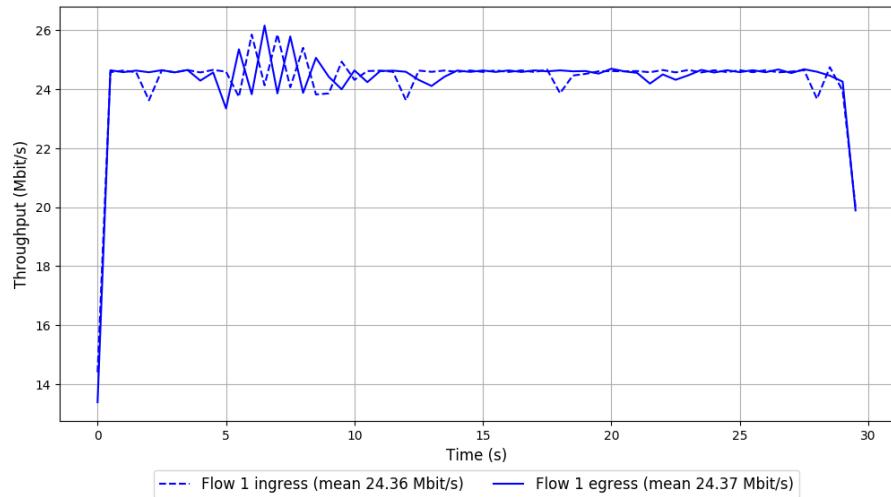


Run 7: Statistics of Sprout

```
Start at: 2017-09-03 05:54:51
End at: 2017-09-03 05:55:21
Local clock offset: 0.361 ms
Remote clock offset: -6.508 ms

# Below is generated by plot.py at 2017-09-03 07:43:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.37 Mbit/s
95th percentile per-packet one-way delay: 16.237 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 24.37 Mbit/s
95th percentile per-packet one-way delay: 16.237 ms
Loss rate: 0.01%
```

Run 7: Report of Sprout — Data Link

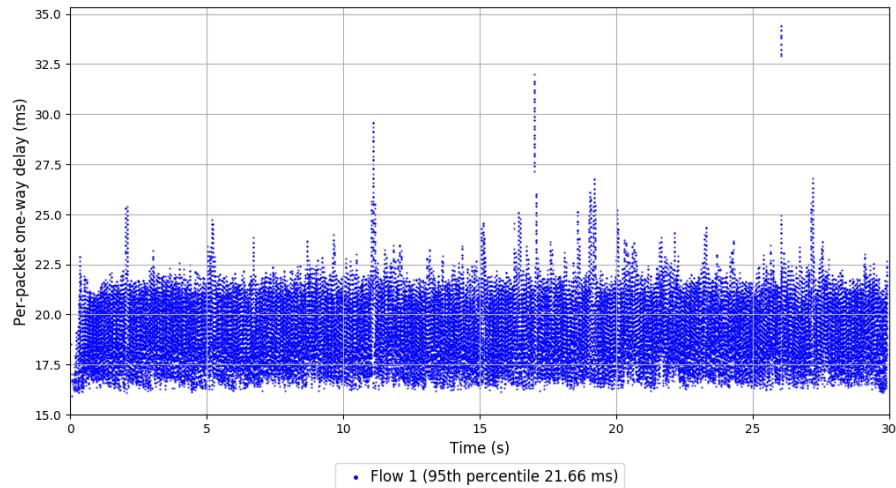
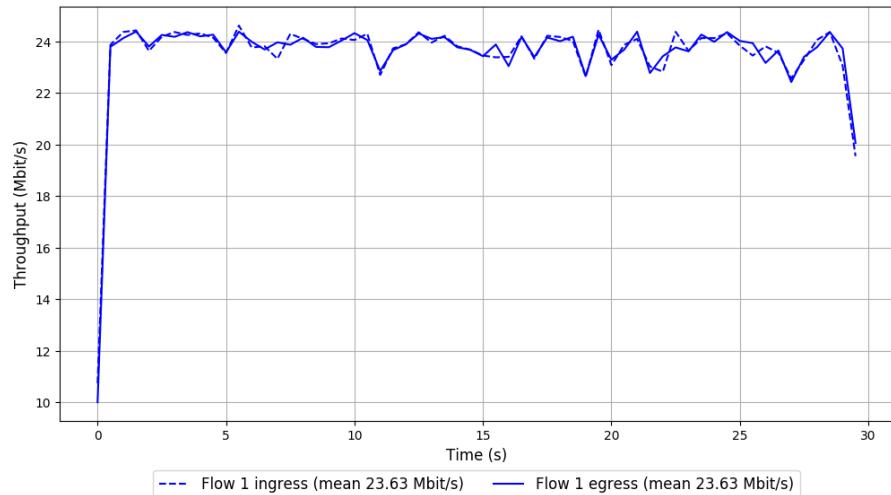


Run 8: Statistics of Sprout

```
Start at: 2017-09-03 06:12:57
End at: 2017-09-03 06:13:27
Local clock offset: 0.107 ms
Remote clock offset: -7.578 ms

# Below is generated by plot.py at 2017-09-03 07:43:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.63 Mbit/s
95th percentile per-packet one-way delay: 21.656 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 23.63 Mbit/s
95th percentile per-packet one-way delay: 21.656 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

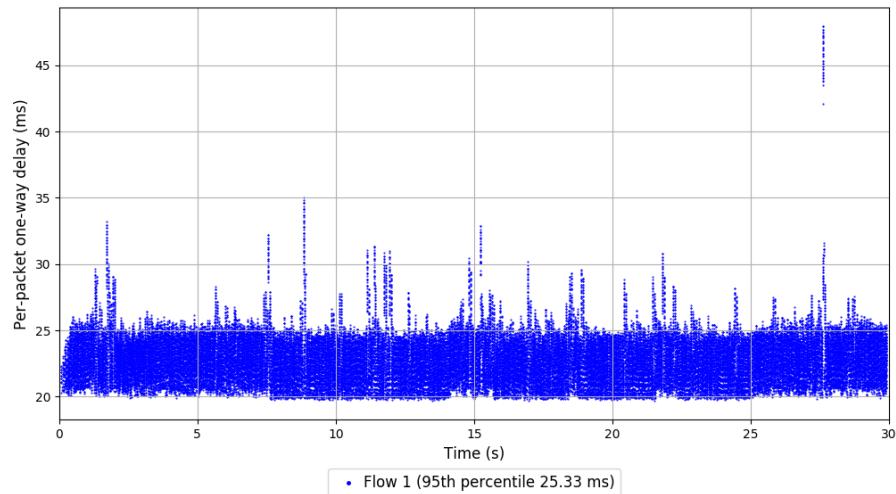
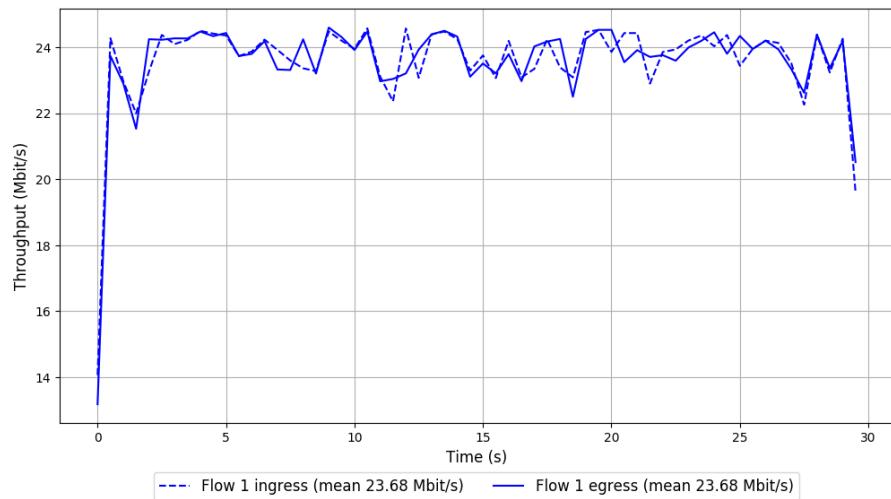


Run 9: Statistics of Sprout

```
Start at: 2017-09-03 06:31:09
End at: 2017-09-03 06:31:39
Local clock offset: -2.917 ms
Remote clock offset: -7.731 ms

# Below is generated by plot.py at 2017-09-03 07:43:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.68 Mbit/s
95th percentile per-packet one-way delay: 25.331 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 23.68 Mbit/s
95th percentile per-packet one-way delay: 25.331 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

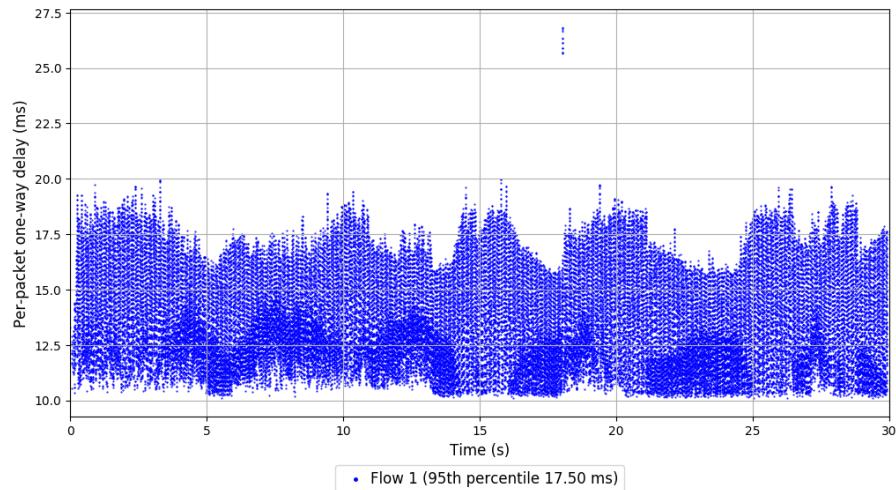
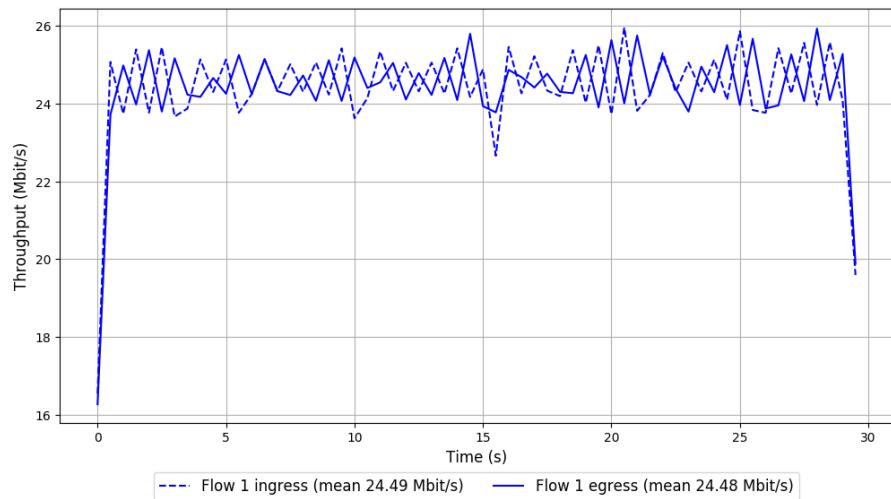


Run 10: Statistics of Sprout

```
Start at: 2017-09-03 06:49:35
End at: 2017-09-03 06:50:05
Local clock offset: 0.79 ms
Remote clock offset: -7.954 ms

# Below is generated by plot.py at 2017-09-03 07:43:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.48 Mbit/s
95th percentile per-packet one-way delay: 17.502 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.48 Mbit/s
95th percentile per-packet one-way delay: 17.502 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link

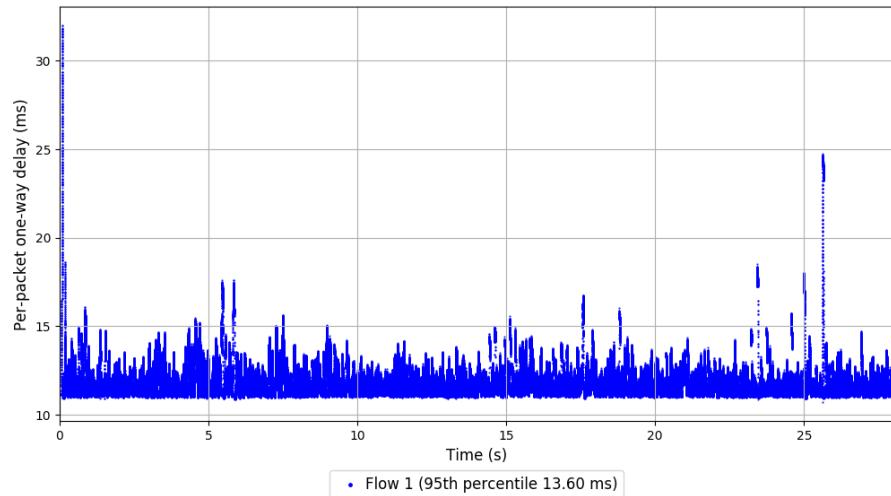
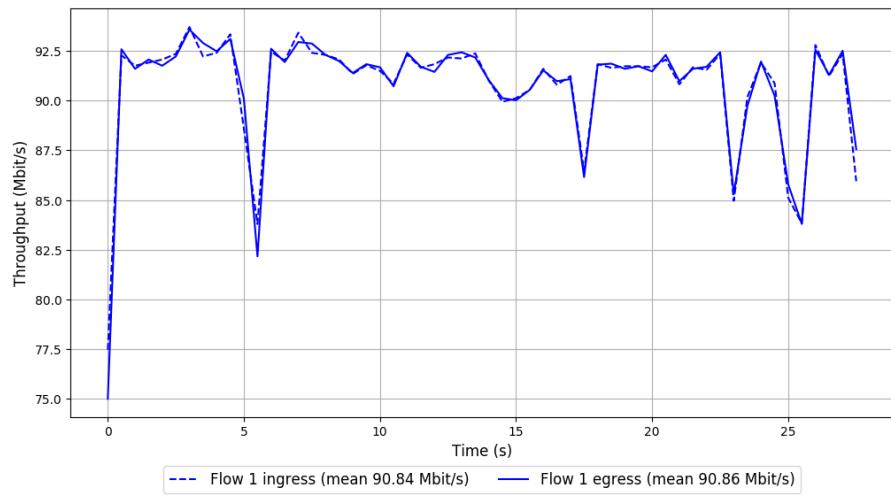


Run 1: Statistics of TaoVA-100x

```
Start at: 2017-09-03 04:08:35
End at: 2017-09-03 04:09:05
Local clock offset: 1.294 ms
Remote clock offset: -5.731 ms

# Below is generated by plot.py at 2017-09-03 07:43:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.86 Mbit/s
95th percentile per-packet one-way delay: 13.595 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 90.86 Mbit/s
95th percentile per-packet one-way delay: 13.595 ms
Loss rate: 0.01%
```

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

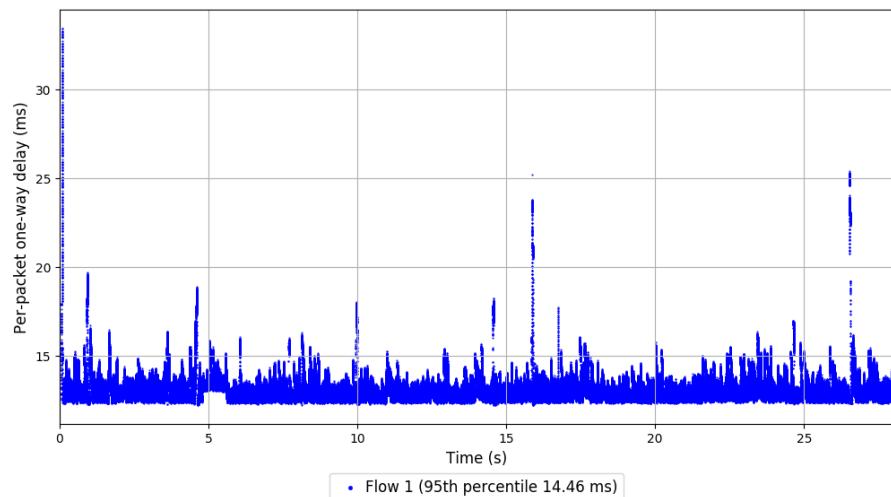
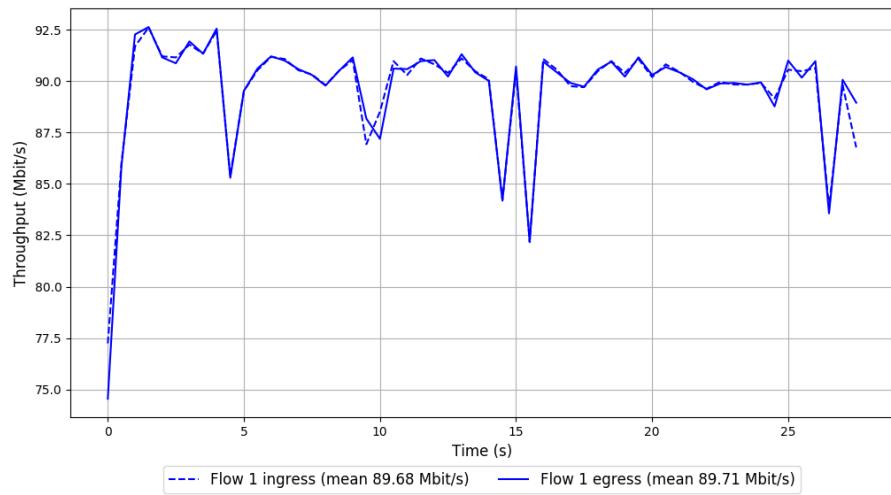


Run 2: Statistics of TaoVA-100x

```
Start at: 2017-09-03 04:26:04
End at: 2017-09-03 04:26:34
Local clock offset: -1.416 ms
Remote clock offset: -5.009 ms

# Below is generated by plot.py at 2017-09-03 07:43:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.71 Mbit/s
95th percentile per-packet one-way delay: 14.464 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.71 Mbit/s
95th percentile per-packet one-way delay: 14.464 ms
Loss rate: 0.00%
```

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

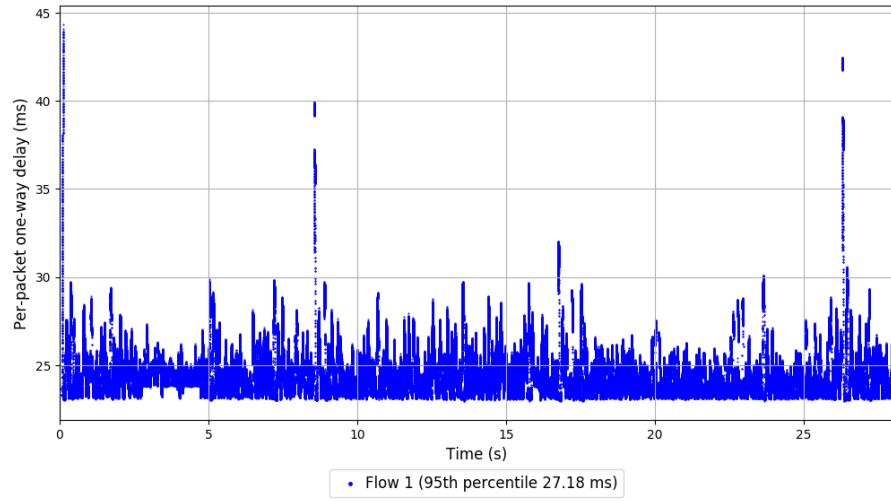
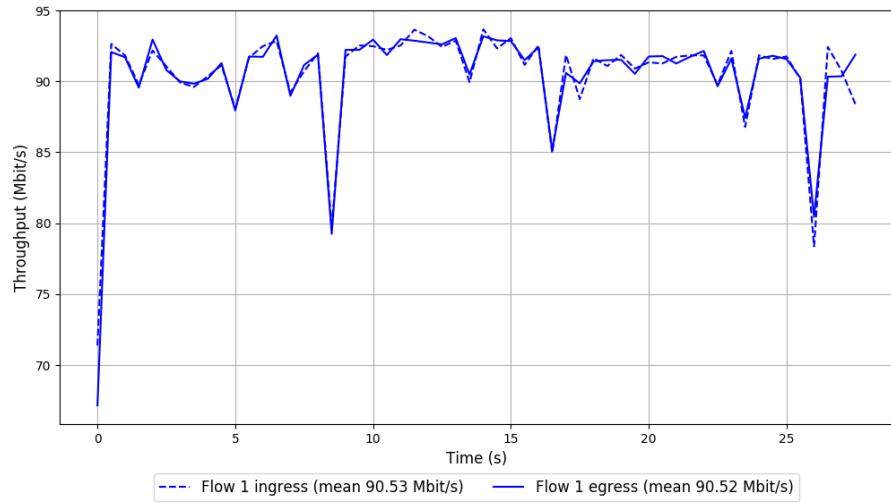


Run 3: Statistics of TaoVA-100x

```
Start at: 2017-09-03 04:44:02
End at: 2017-09-03 04:44:32
Local clock offset: -6.705 ms
Remote clock offset: -6.376 ms

# Below is generated by plot.py at 2017-09-03 07:43:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.52 Mbit/s
95th percentile per-packet one-way delay: 27.180 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 90.52 Mbit/s
95th percentile per-packet one-way delay: 27.180 ms
Loss rate: 0.03%
```

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

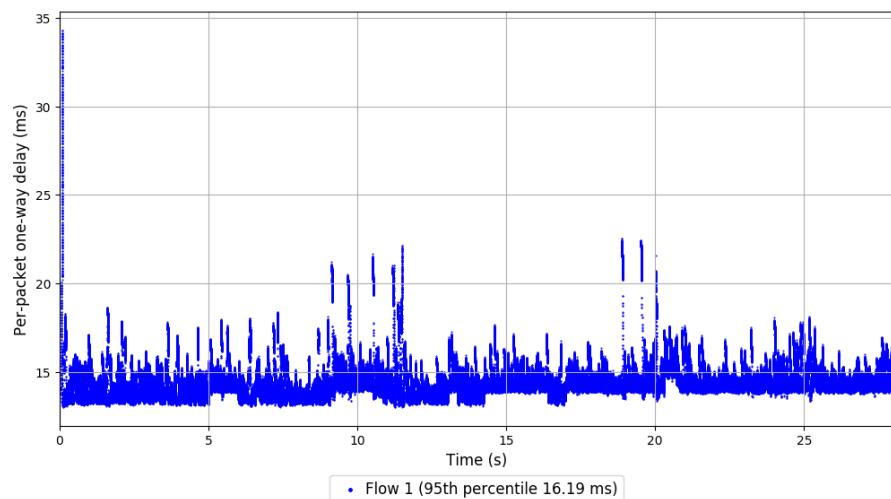
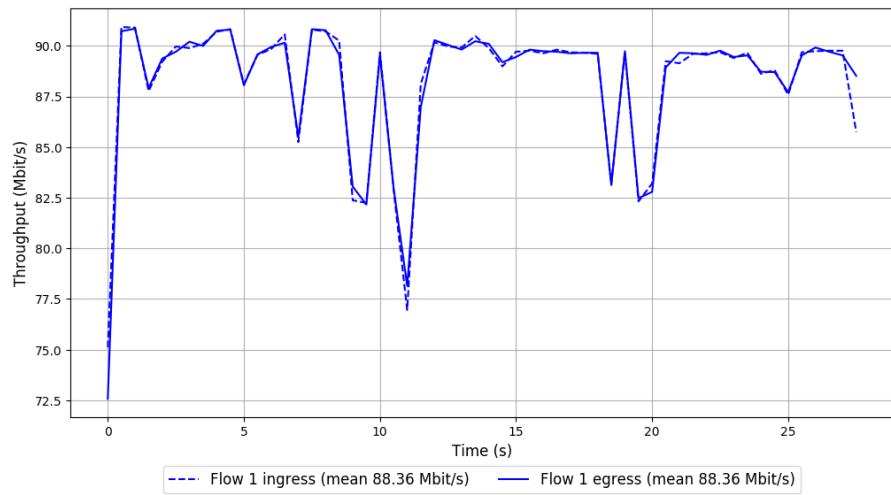


Run 4: Statistics of TaoVA-100x

```
Start at: 2017-09-03 05:01:49
End at: 2017-09-03 05:02:19
Local clock offset: -1.686 ms
Remote clock offset: -3.509 ms

# Below is generated by plot.py at 2017-09-03 07:43:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.36 Mbit/s
95th percentile per-packet one-way delay: 16.189 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.36 Mbit/s
95th percentile per-packet one-way delay: 16.189 ms
Loss rate: 0.00%
```

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

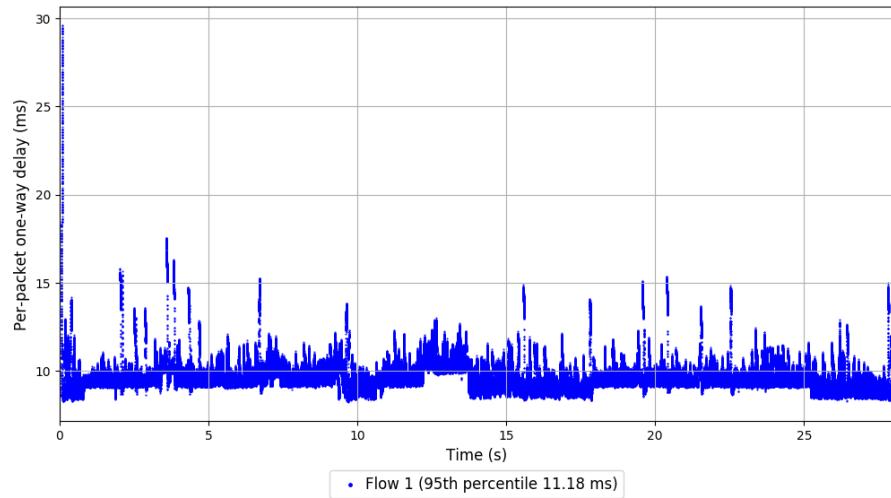
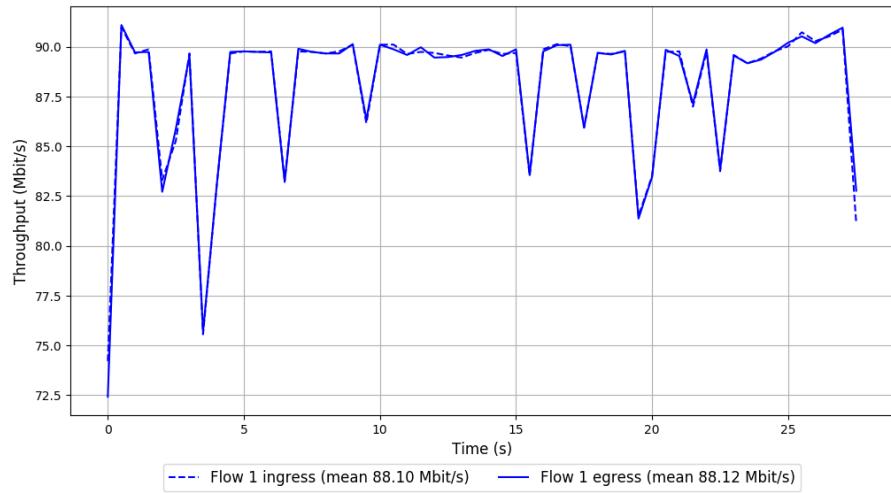


Run 5: Statistics of TaoVA-100x

```
Start at: 2017-09-03 05:19:56
End at: 2017-09-03 05:20:26
Local clock offset: 1.332 ms
Remote clock offset: -4.132 ms

# Below is generated by plot.py at 2017-09-03 07:44:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.12 Mbit/s
95th percentile per-packet one-way delay: 11.177 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.12 Mbit/s
95th percentile per-packet one-way delay: 11.177 ms
Loss rate: 0.00%
```

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

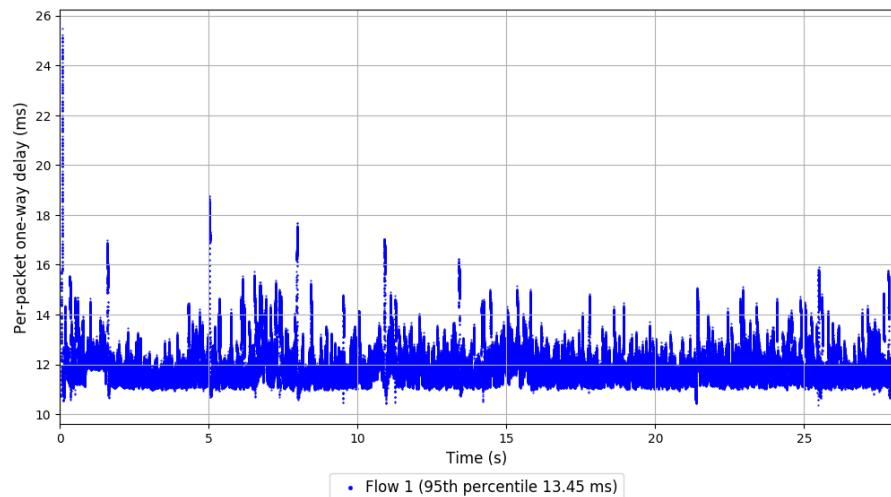
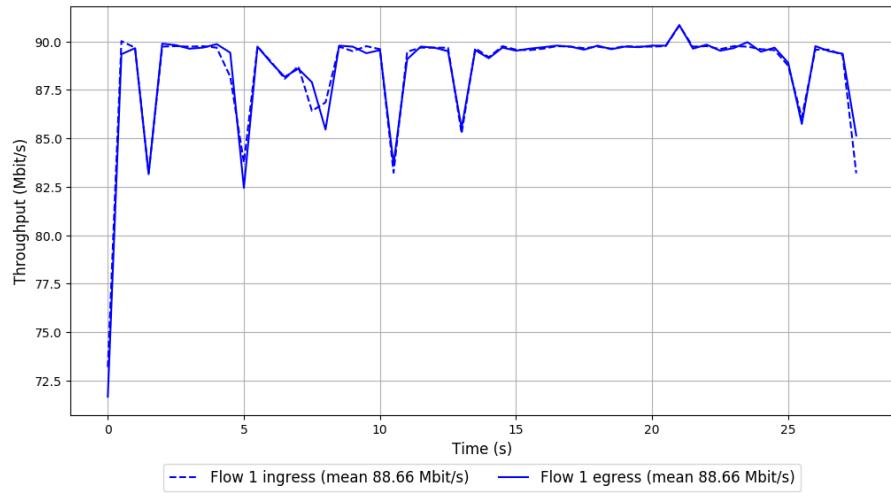


Run 6: Statistics of TaoVA-100x

```
Start at: 2017-09-03 05:38:00
End at: 2017-09-03 05:38:30
Local clock offset: 0.821 ms
Remote clock offset: -3.453 ms

# Below is generated by plot.py at 2017-09-03 07:44:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.66 Mbit/s
95th percentile per-packet one-way delay: 13.451 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.66 Mbit/s
95th percentile per-packet one-way delay: 13.451 ms
Loss rate: 0.00%
```

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

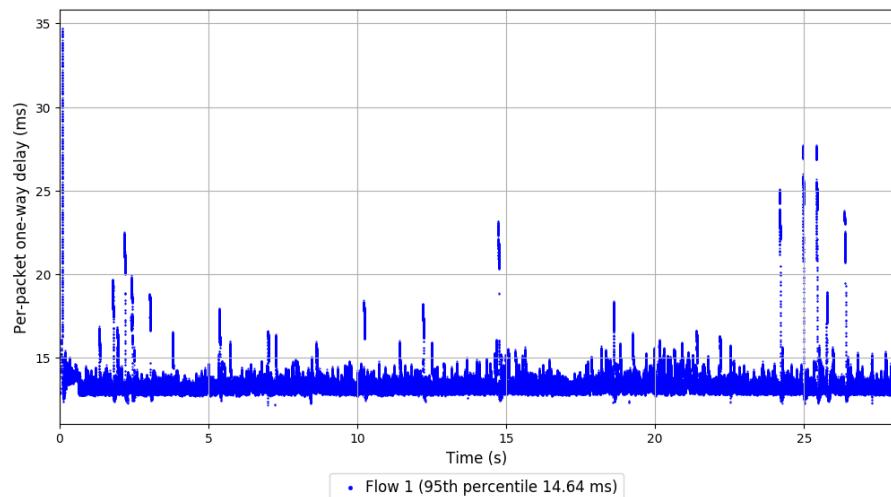
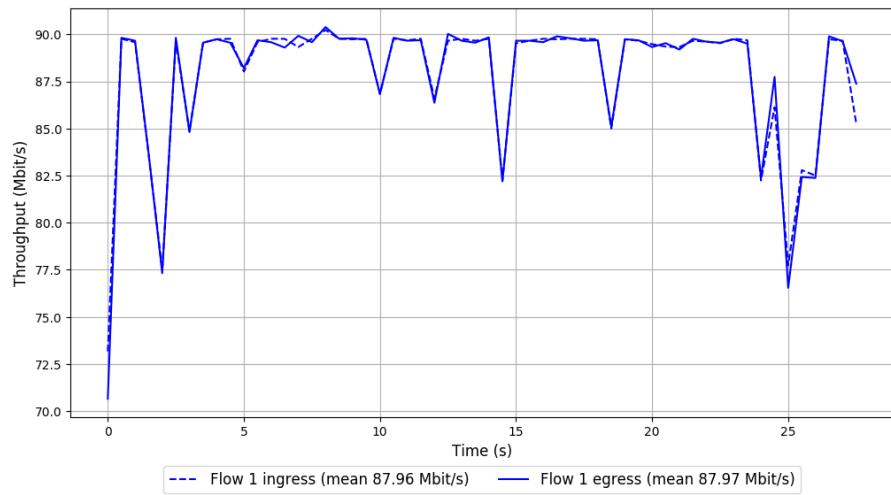


Run 7: Statistics of TaoVA-100x

```
Start at: 2017-09-03 05:55:56
End at: 2017-09-03 05:56:26
Local clock offset: -0.699 ms
Remote clock offset: -6.092 ms

# Below is generated by plot.py at 2017-09-03 07:44:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.97 Mbit/s
95th percentile per-packet one-way delay: 14.641 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 87.97 Mbit/s
95th percentile per-packet one-way delay: 14.641 ms
Loss rate: 0.01%
```

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

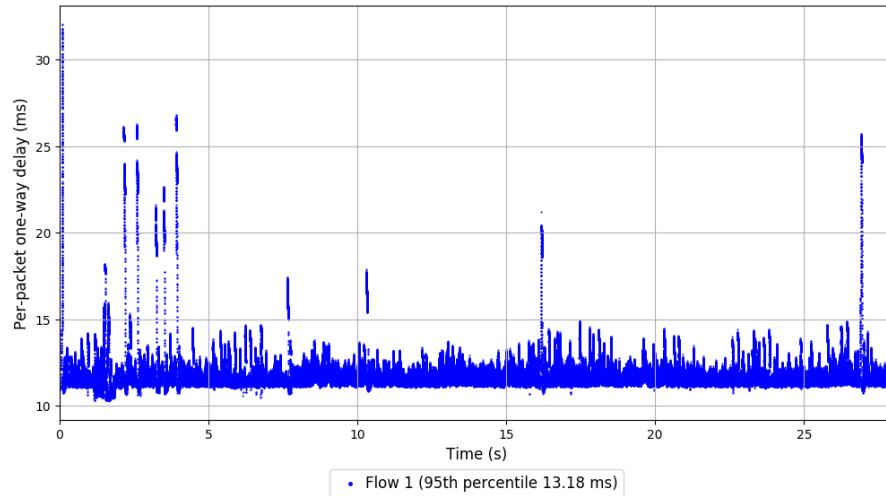
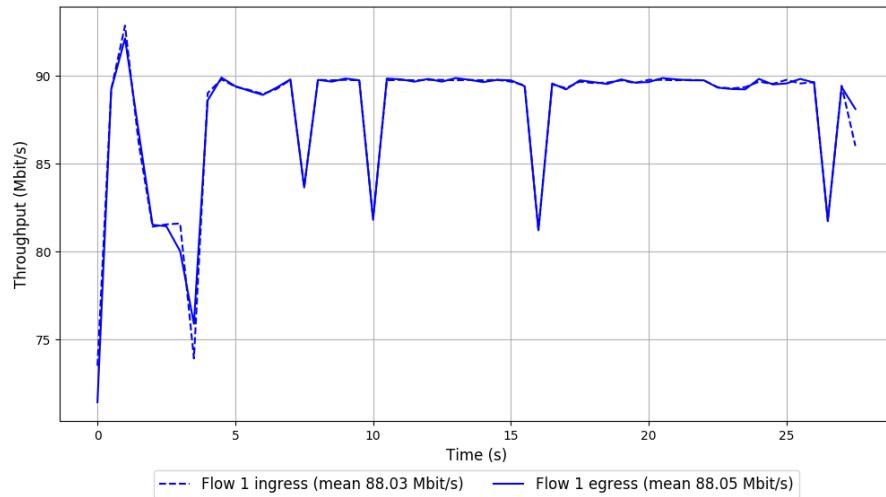


Run 8: Statistics of TaoVA-100x

```
Start at: 2017-09-03 06:14:04
End at: 2017-09-03 06:14:34
Local clock offset: 1.466 ms
Remote clock offset: -8.52 ms

# Below is generated by plot.py at 2017-09-03 07:44:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.05 Mbit/s
95th percentile per-packet one-way delay: 13.181 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.05 Mbit/s
95th percentile per-packet one-way delay: 13.181 ms
Loss rate: 0.00%
```

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

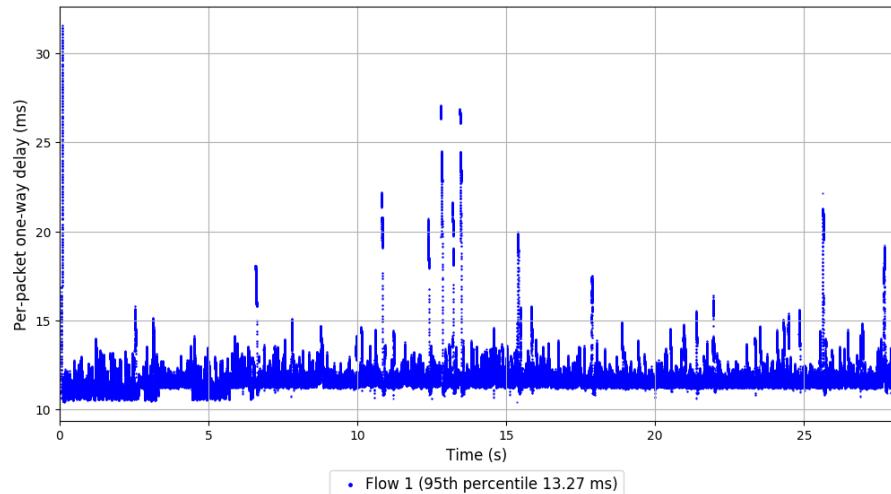
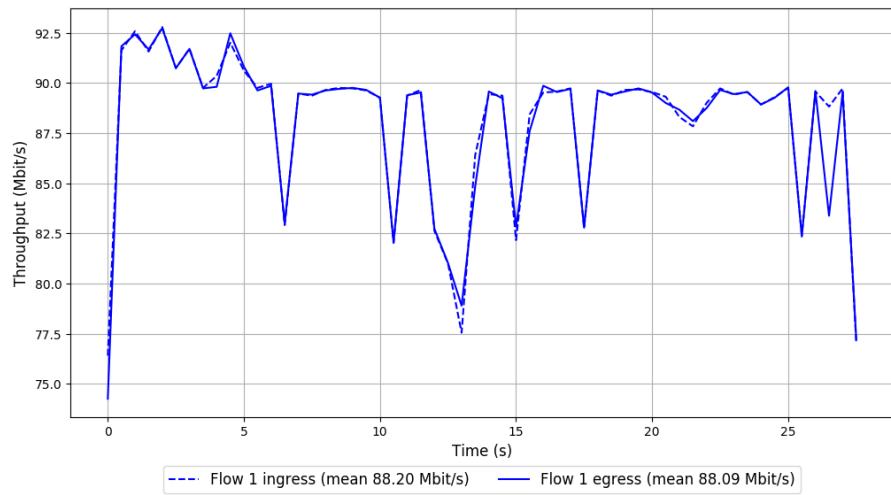


Run 9: Statistics of TaoVA-100x

```
Start at: 2017-09-03 06:32:15
End at: 2017-09-03 06:32:45
Local clock offset: 0.637 ms
Remote clock offset: -8.6 ms

# Below is generated by plot.py at 2017-09-03 07:44:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.09 Mbit/s
95th percentile per-packet one-way delay: 13.272 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 88.09 Mbit/s
95th percentile per-packet one-way delay: 13.272 ms
Loss rate: 0.15%
```

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

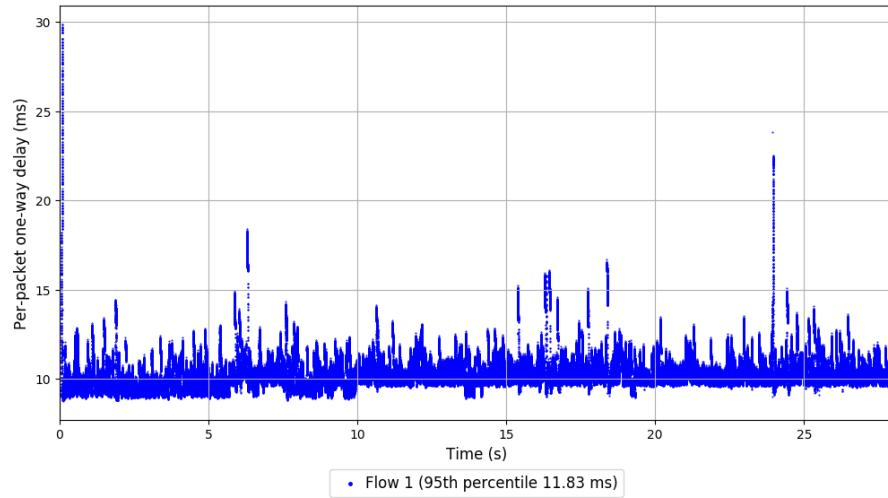
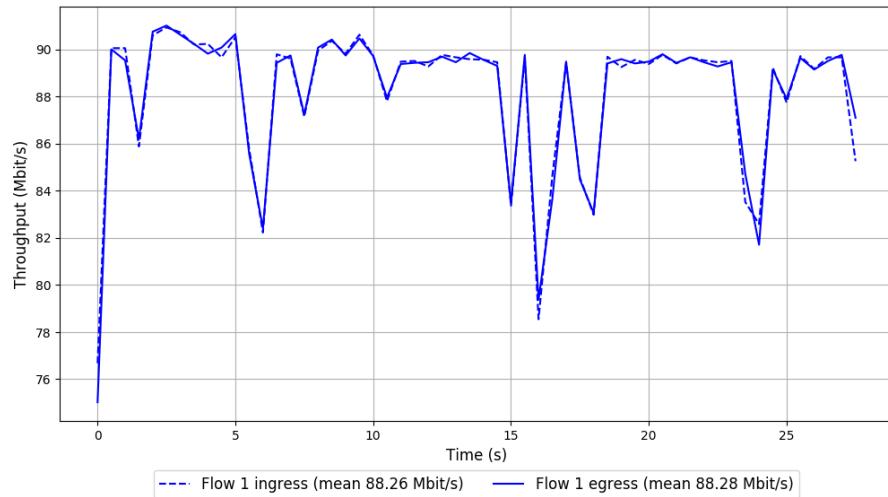


Run 10: Statistics of TaoVA-100x

```
Start at: 2017-09-03 06:50:42
End at: 2017-09-03 06:51:12
Local clock offset: -0.003 ms
Remote clock offset: -8.128 ms

# Below is generated by plot.py at 2017-09-03 07:44:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.28 Mbit/s
95th percentile per-packet one-way delay: 11.829 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.28 Mbit/s
95th percentile per-packet one-way delay: 11.829 ms
Loss rate: 0.00%
```

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

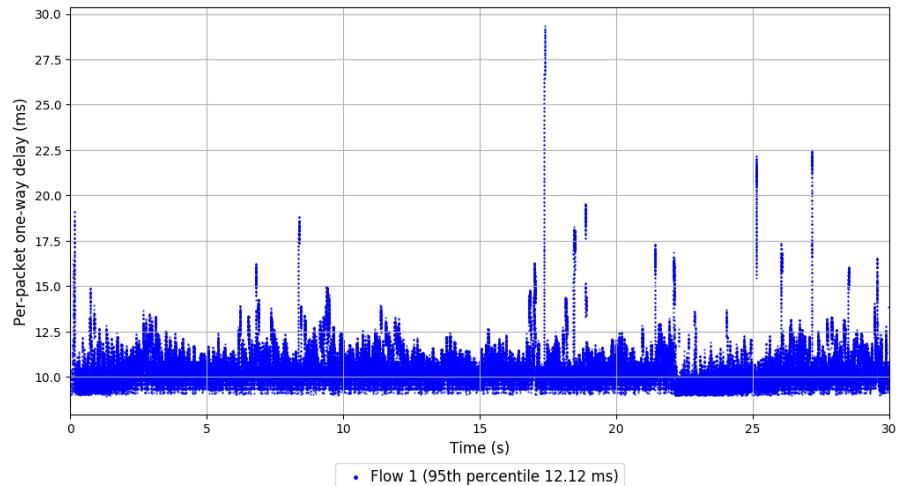
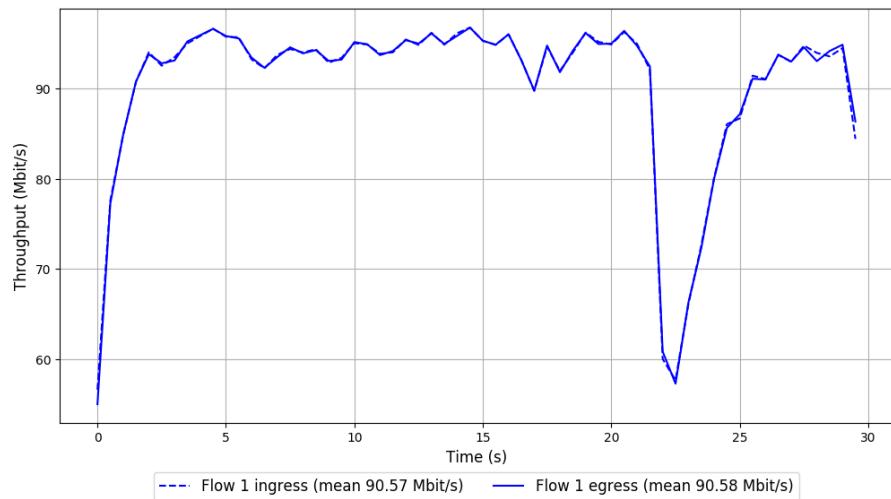


Run 1: Statistics of TCP Vegas

```
Start at: 2017-09-03 03:54:12
End at: 2017-09-03 03:54:42
Local clock offset: 1.119 ms
Remote clock offset: -5.937 ms

# Below is generated by plot.py at 2017-09-03 07:45:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.58 Mbit/s
95th percentile per-packet one-way delay: 12.118 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.58 Mbit/s
95th percentile per-packet one-way delay: 12.118 ms
Loss rate: 0.00%
```

Run 1: Report of TCP Vegas — Data Link

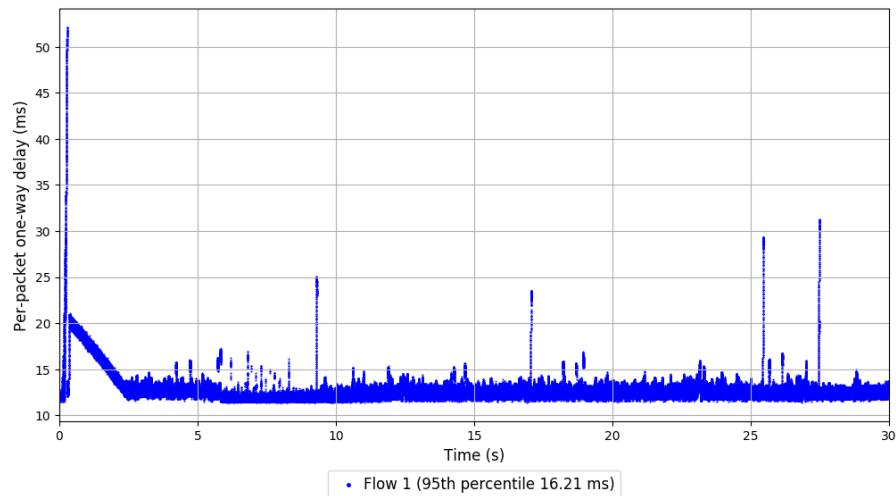
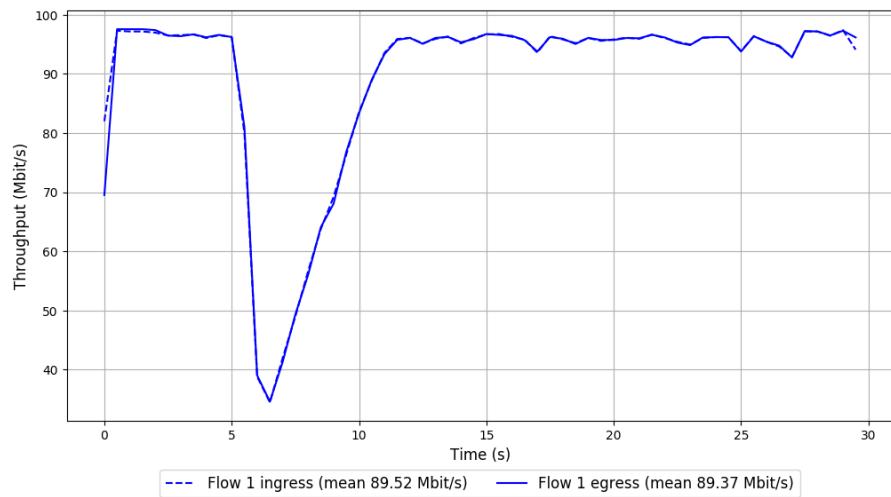


Run 2: Statistics of TCP Vegas

```
Start at: 2017-09-03 04:12:05
End at: 2017-09-03 04:12:35
Local clock offset: 0.755 ms
Remote clock offset: -5.604 ms

# Below is generated by plot.py at 2017-09-03 07:45:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.37 Mbit/s
95th percentile per-packet one-way delay: 16.215 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 89.37 Mbit/s
95th percentile per-packet one-way delay: 16.215 ms
Loss rate: 0.17%
```

Run 2: Report of TCP Vegas — Data Link

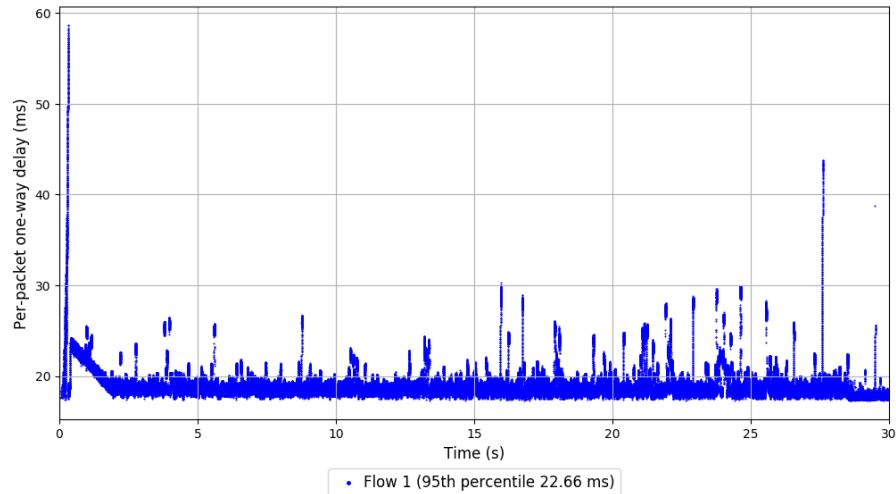
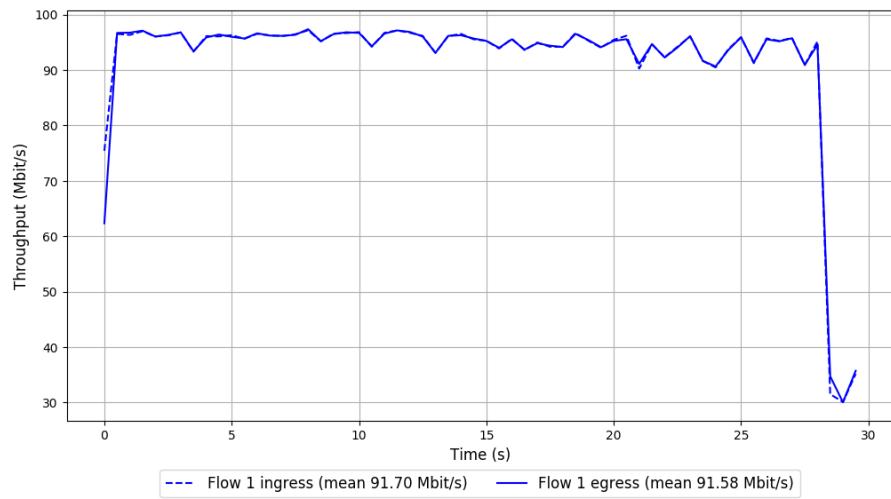


Run 3: Statistics of TCP Vegas

```
Start at: 2017-09-03 04:29:44
End at: 2017-09-03 04:30:14
Local clock offset: 0.148 ms
Remote clock offset: -5.14 ms

# Below is generated by plot.py at 2017-09-03 07:45:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.58 Mbit/s
95th percentile per-packet one-way delay: 22.663 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 91.58 Mbit/s
95th percentile per-packet one-way delay: 22.663 ms
Loss rate: 0.17%
```

Run 3: Report of TCP Vegas — Data Link

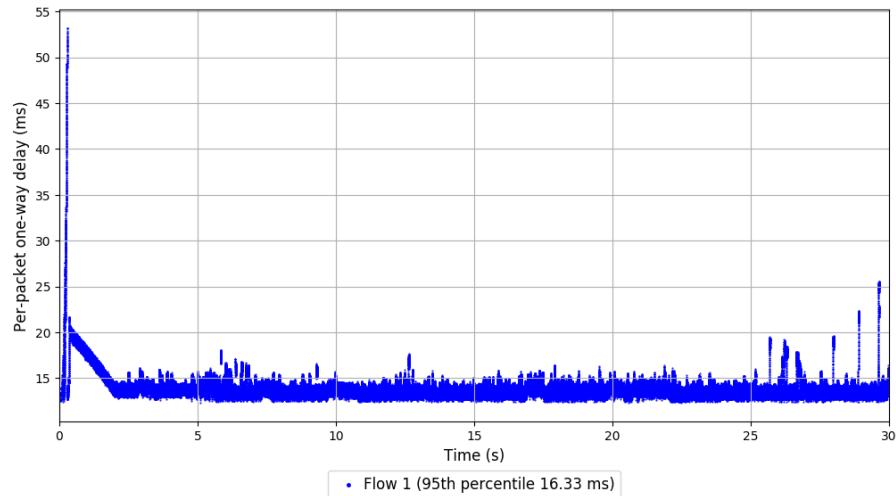
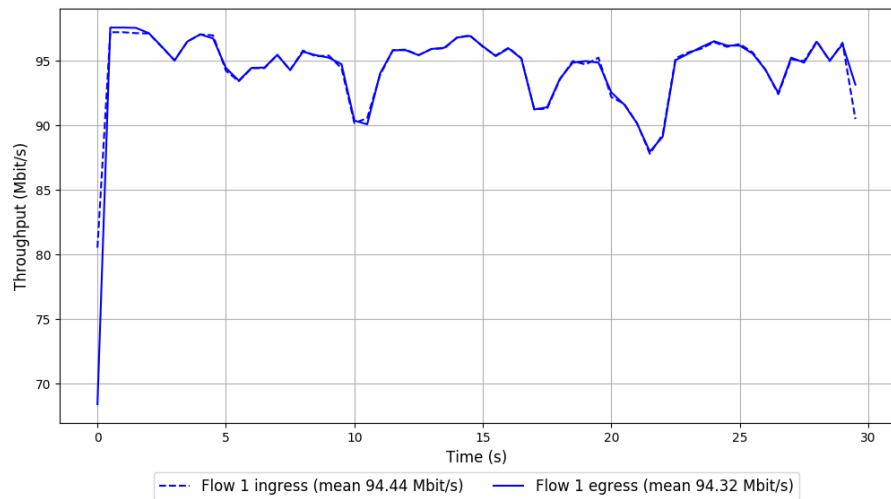


Run 4: Statistics of TCP Vegas

```
Start at: 2017-09-03 04:47:34
End at: 2017-09-03 04:48:04
Local clock offset: -0.704 ms
Remote clock offset: -6.092 ms

# Below is generated by plot.py at 2017-09-03 07:45:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.32 Mbit/s
95th percentile per-packet one-way delay: 16.330 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 94.32 Mbit/s
95th percentile per-packet one-way delay: 16.330 ms
Loss rate: 0.15%
```

Run 4: Report of TCP Vegas — Data Link

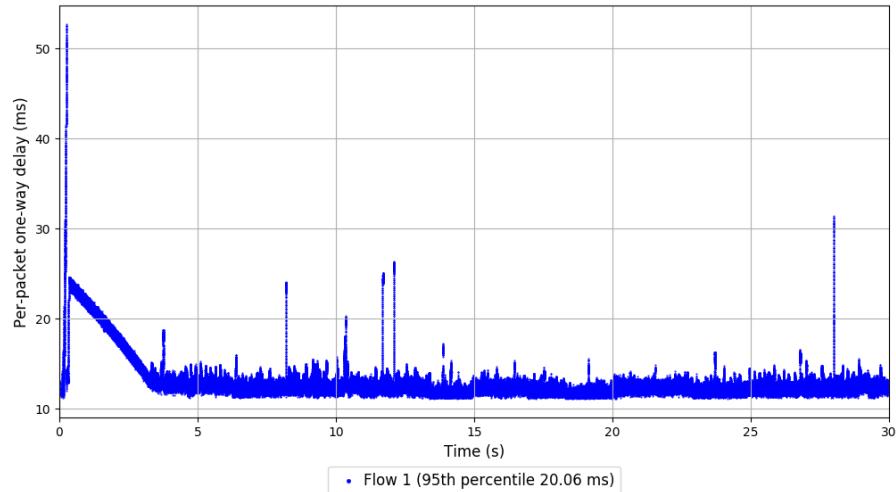
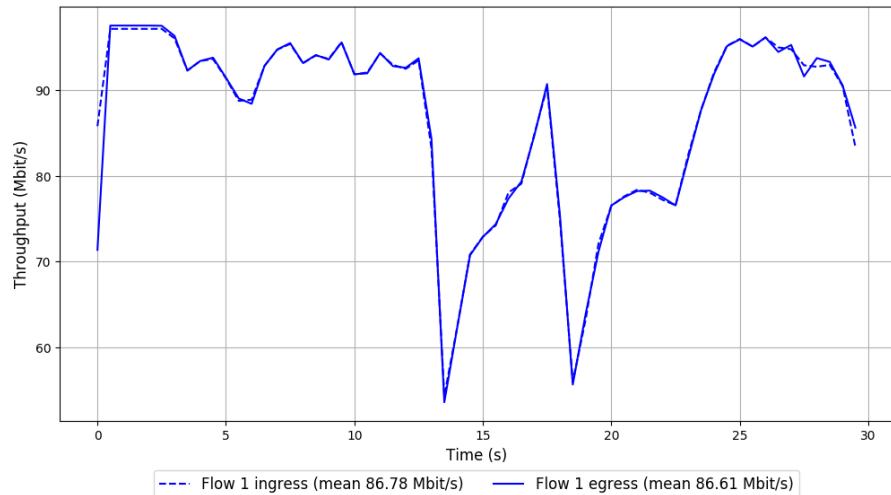


Run 5: Statistics of TCP Vegas

```
Start at: 2017-09-03 05:05:23
End at: 2017-09-03 05:05:53
Local clock offset: 0.451 ms
Remote clock offset: -2.854 ms

# Below is generated by plot.py at 2017-09-03 07:45:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.61 Mbit/s
95th percentile per-packet one-way delay: 20.062 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 86.61 Mbit/s
95th percentile per-packet one-way delay: 20.062 ms
Loss rate: 0.19%
```

Run 5: Report of TCP Vegas — Data Link

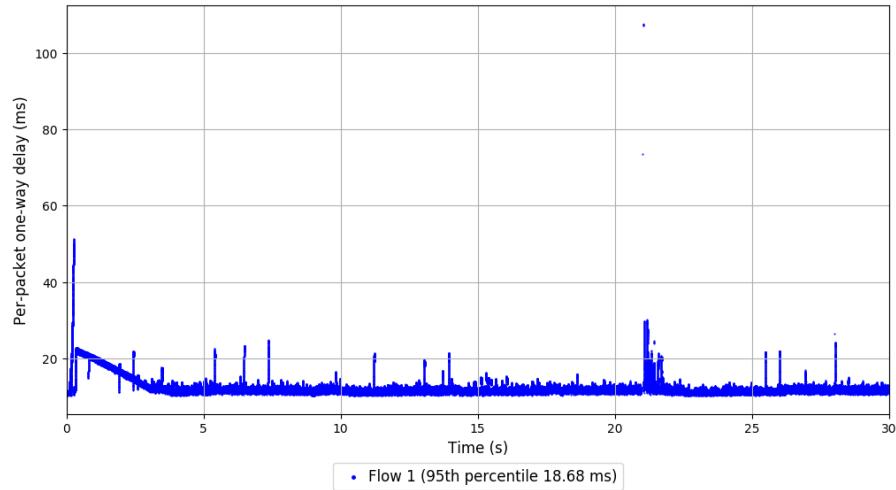
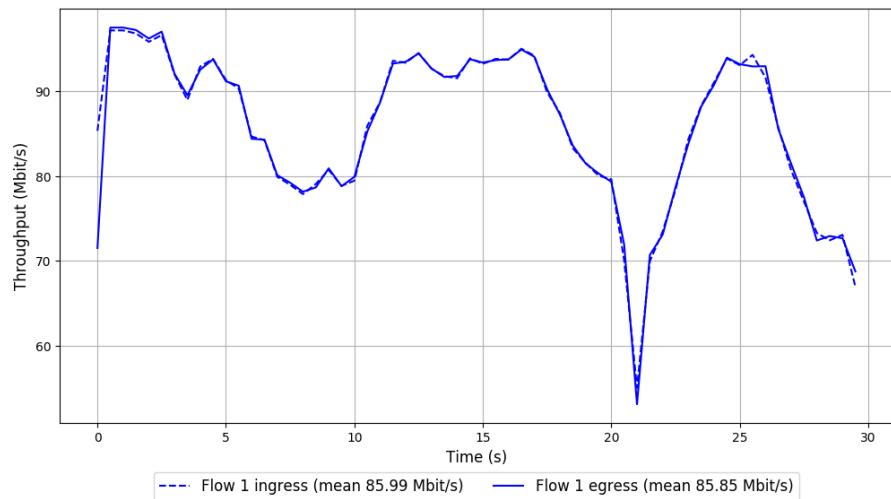


Run 6: Statistics of TCP Vegas

```
Start at: 2017-09-03 05:23:34
End at: 2017-09-03 05:24:04
Local clock offset: 1.002 ms
Remote clock offset: -2.669 ms

# Below is generated by plot.py at 2017-09-03 07:45:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.85 Mbit/s
95th percentile per-packet one-way delay: 18.681 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 85.85 Mbit/s
95th percentile per-packet one-way delay: 18.681 ms
Loss rate: 0.19%
```

Run 6: Report of TCP Vegas — Data Link

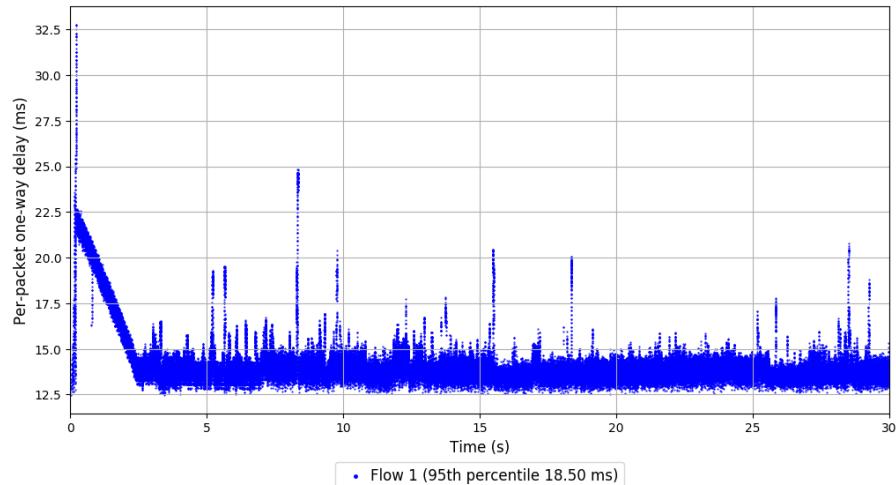
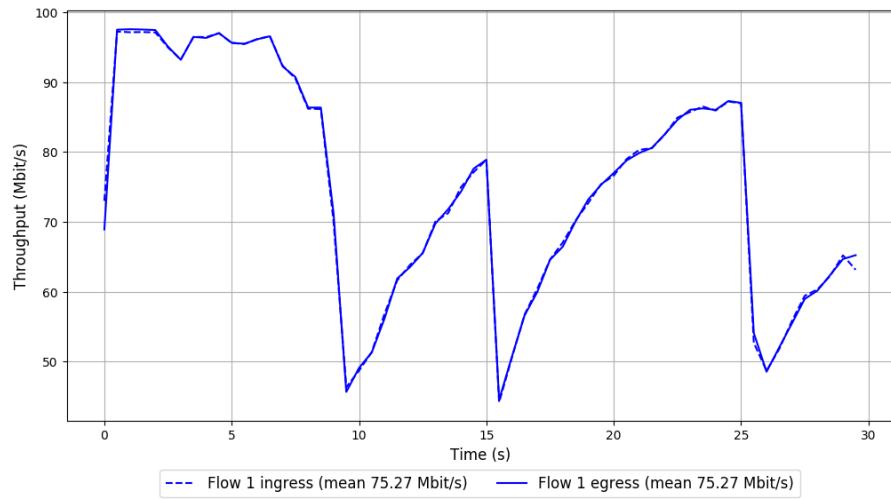


Run 7: Statistics of TCP Vegas

```
Start at: 2017-09-03 05:41:32
End at: 2017-09-03 05:42:02
Local clock offset: 0.206 ms
Remote clock offset: -3.857 ms

# Below is generated by plot.py at 2017-09-03 07:45:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.27 Mbit/s
95th percentile per-packet one-way delay: 18.505 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 75.27 Mbit/s
95th percentile per-packet one-way delay: 18.505 ms
Loss rate: 0.01%
```

Run 7: Report of TCP Vegas — Data Link

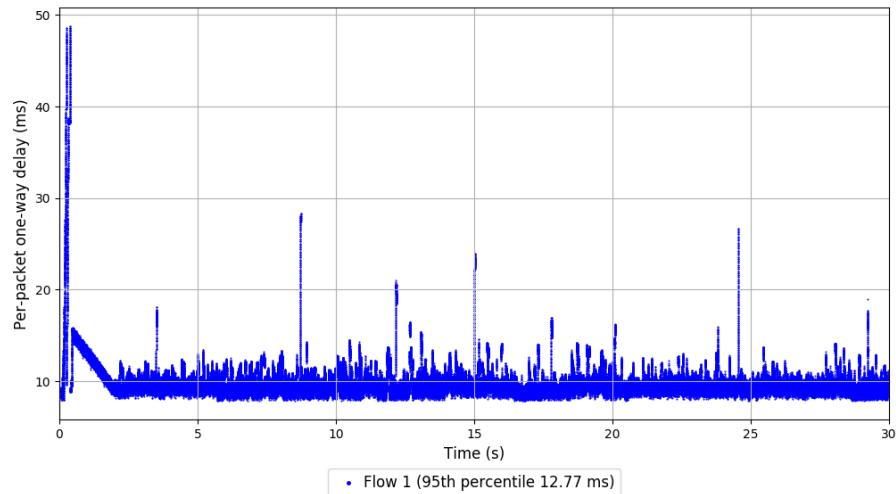
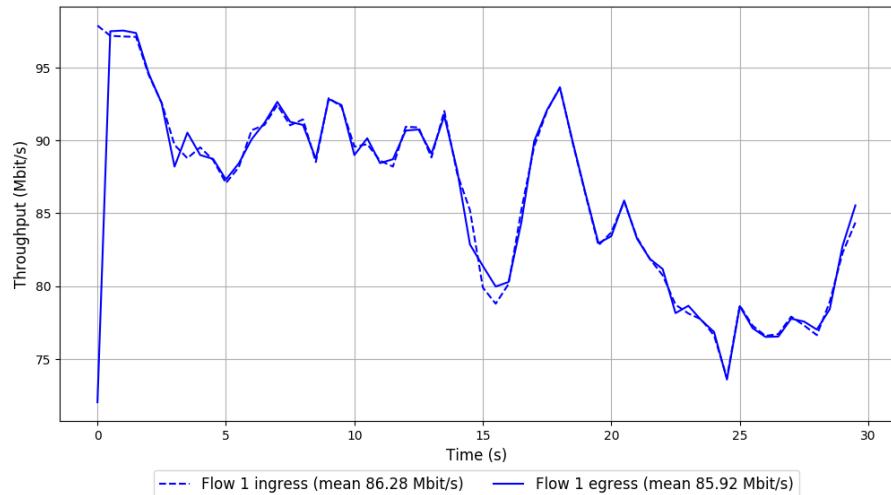


Run 8: Statistics of TCP Vegas

```
Start at: 2017-09-03 05:59:31
End at: 2017-09-03 06:00:01
Local clock offset: 1.125 ms
Remote clock offset: -6.795 ms

# Below is generated by plot.py at 2017-09-03 07:45:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.92 Mbit/s
95th percentile per-packet one-way delay: 12.768 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 85.92 Mbit/s
95th percentile per-packet one-way delay: 12.768 ms
Loss rate: 0.45%
```

Run 8: Report of TCP Vegas — Data Link

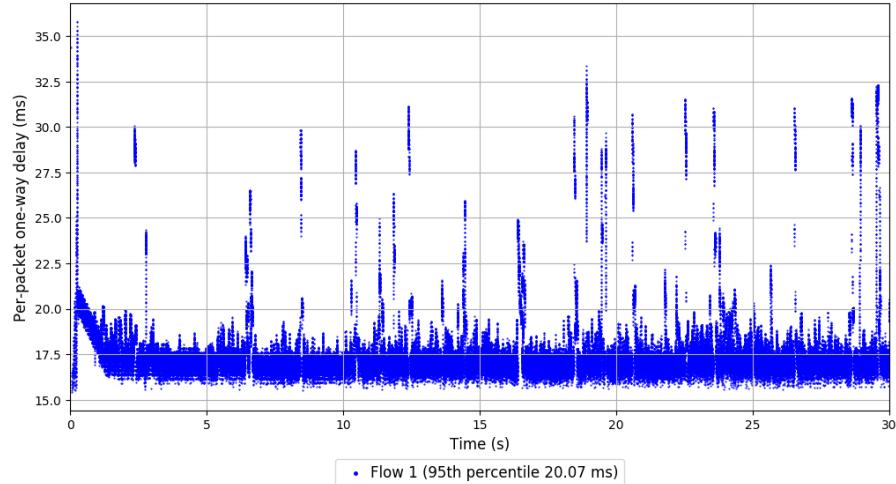
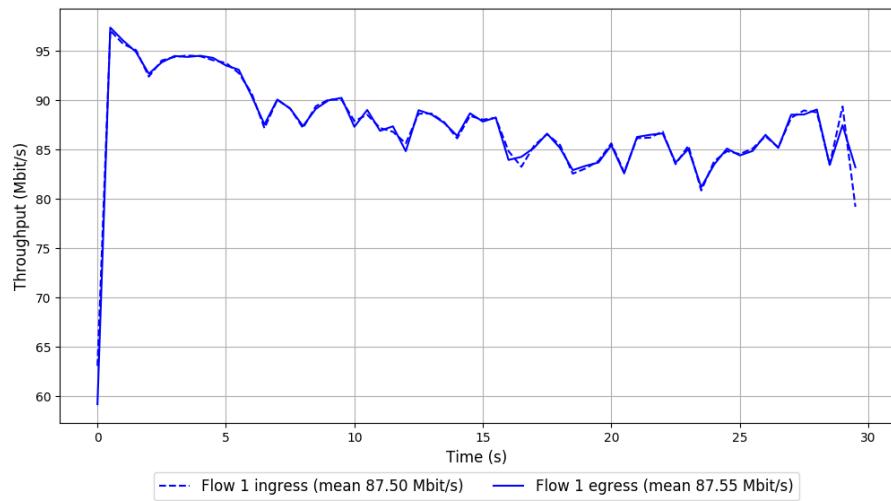


Run 9: Statistics of TCP Vegas

```
Start at: 2017-09-03 06:17:38
End at: 2017-09-03 06:18:08
Local clock offset: 0.366 ms
Remote clock offset: -8.254 ms

# Below is generated by plot.py at 2017-09-03 07:45:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.55 Mbit/s
95th percentile per-packet one-way delay: 20.073 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 87.55 Mbit/s
95th percentile per-packet one-way delay: 20.073 ms
Loss rate: 0.02%
```

Run 9: Report of TCP Vegas — Data Link

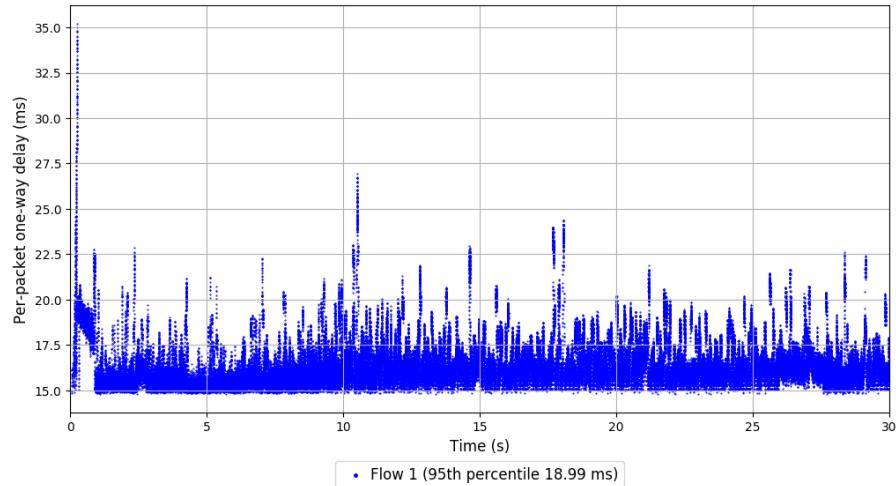
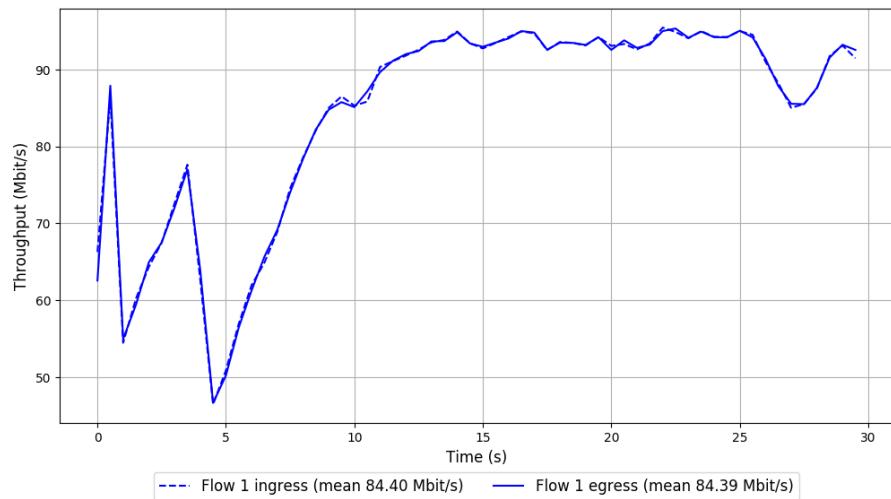


Run 10: Statistics of TCP Vegas

```
Start at: 2017-09-03 06:35:51
End at: 2017-09-03 06:36:21
Local clock offset: 0.913 ms
Remote clock offset: -8.432 ms

# Below is generated by plot.py at 2017-09-03 07:45:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.39 Mbit/s
95th percentile per-packet one-way delay: 18.993 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 84.39 Mbit/s
95th percentile per-packet one-way delay: 18.993 ms
Loss rate: 0.04%
```

Run 10: Report of TCP Vegas — Data Link

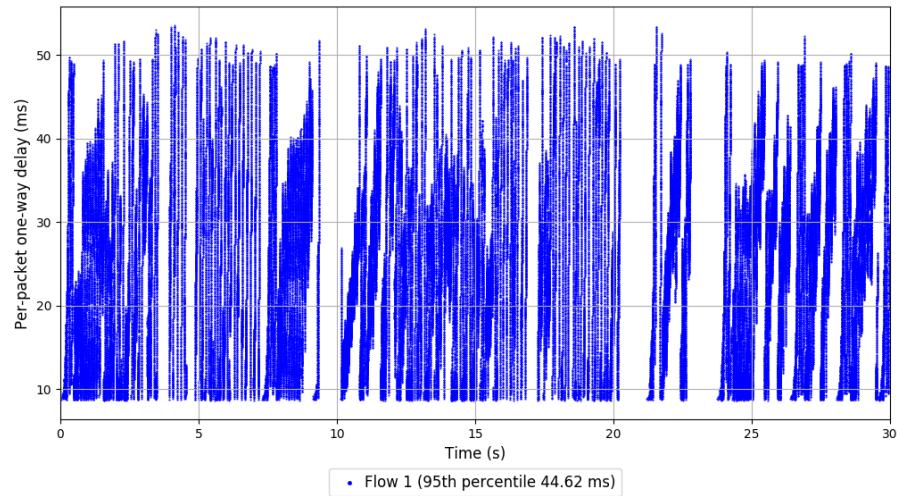
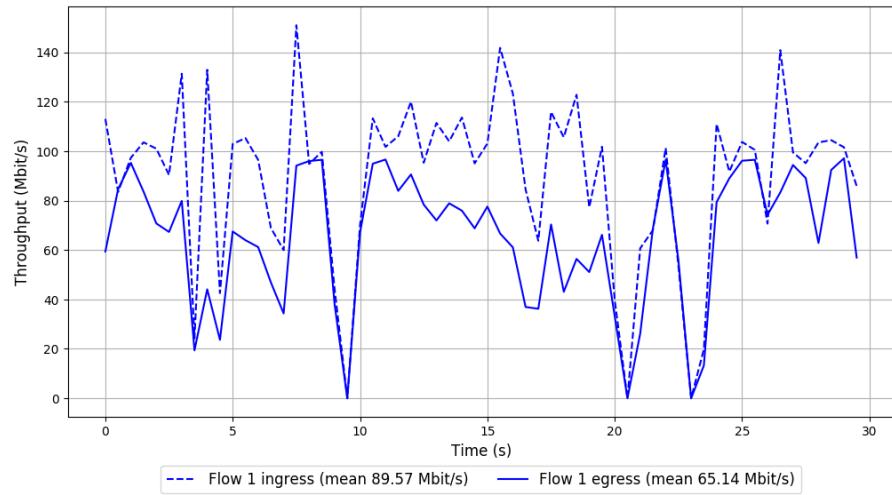


Run 1: Statistics of Verus

```
Start at: 2017-09-03 04:05:00
End at: 2017-09-03 04:05:30
Local clock offset: 0.902 ms
Remote clock offset: -6.505 ms

# Below is generated by plot.py at 2017-09-03 07:45:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.14 Mbit/s
95th percentile per-packet one-way delay: 44.619 ms
Loss rate: 27.23%
-- Flow 1:
Average throughput: 65.14 Mbit/s
95th percentile per-packet one-way delay: 44.619 ms
Loss rate: 27.23%
```

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

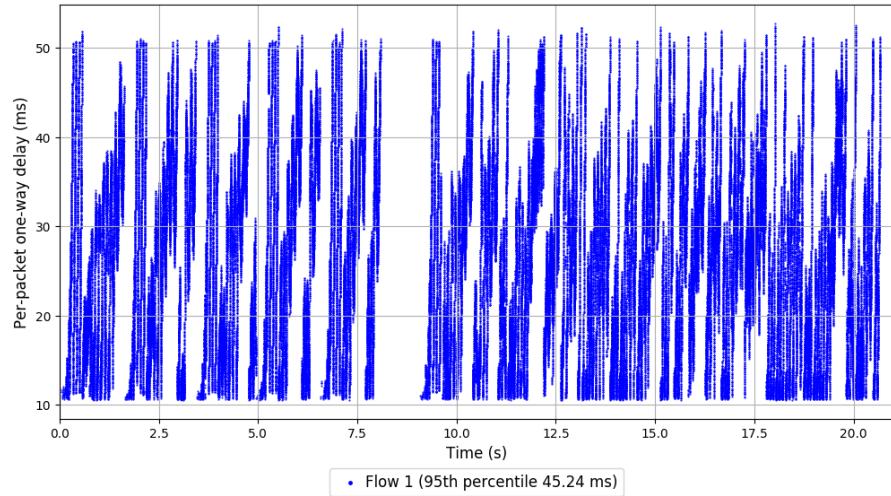
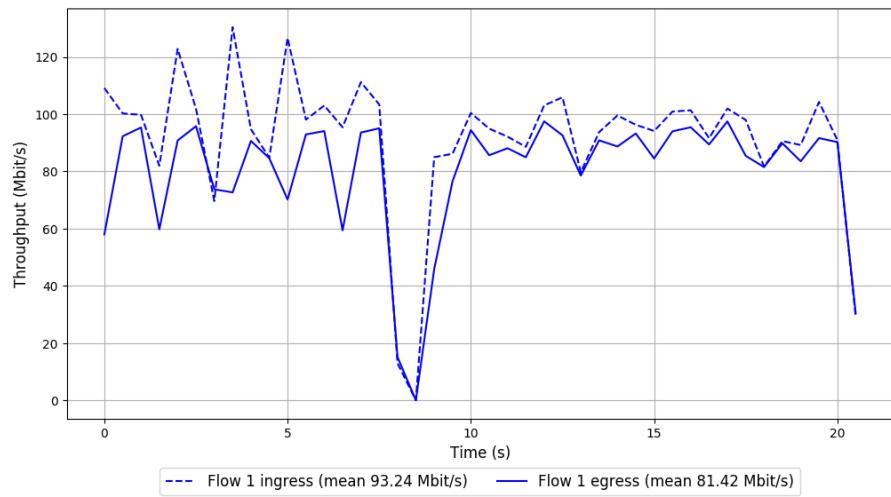
Start at: 2017-09-03 04:22:43

End at: 2017-09-03 04:23:13

Local clock offset: 0.617 ms

Remote clock offset: -6.534 ms

Run 2: Report of Verus — Data Link

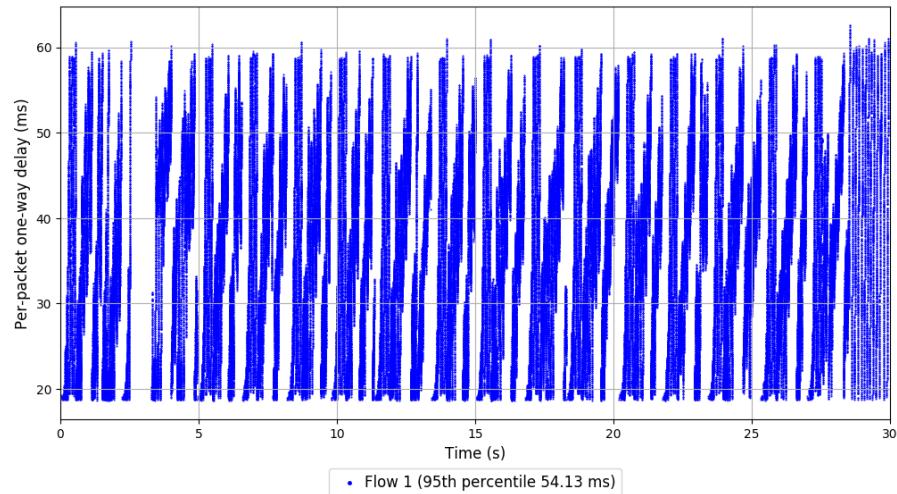
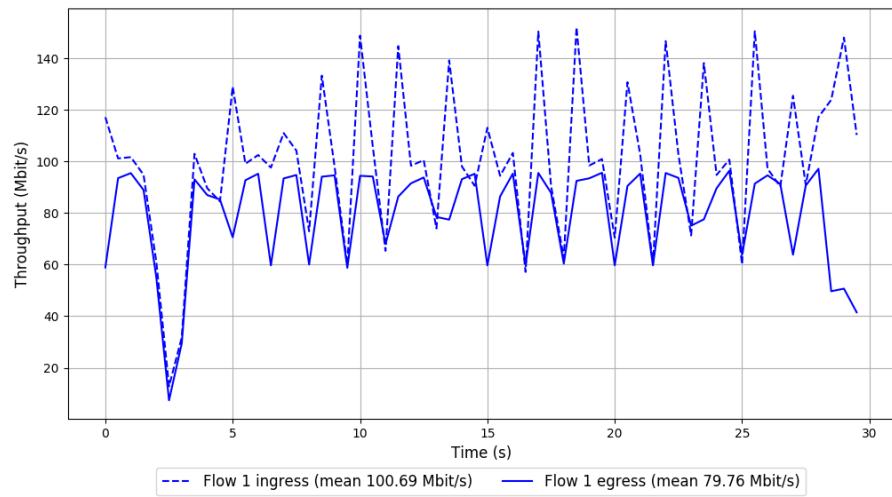


Run 3: Statistics of Verus

```
Start at: 2017-09-03 04:40:37
End at: 2017-09-03 04:41:07
Local clock offset: -6.356 ms
Remote clock offset: -5.736 ms

# Below is generated by plot.py at 2017-09-03 07:46:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.76 Mbit/s
95th percentile per-packet one-way delay: 54.132 ms
Loss rate: 20.76%
-- Flow 1:
Average throughput: 79.76 Mbit/s
95th percentile per-packet one-way delay: 54.132 ms
Loss rate: 20.76%
```

Run 3: Report of Verus — Data Link

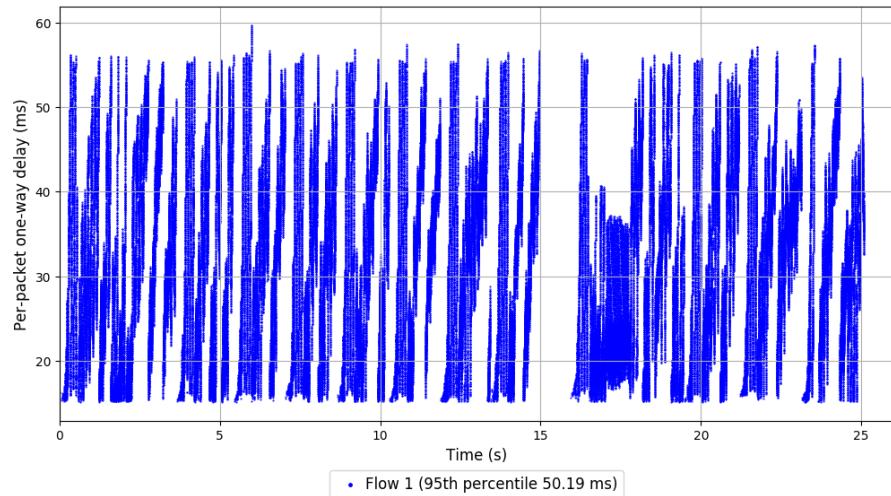
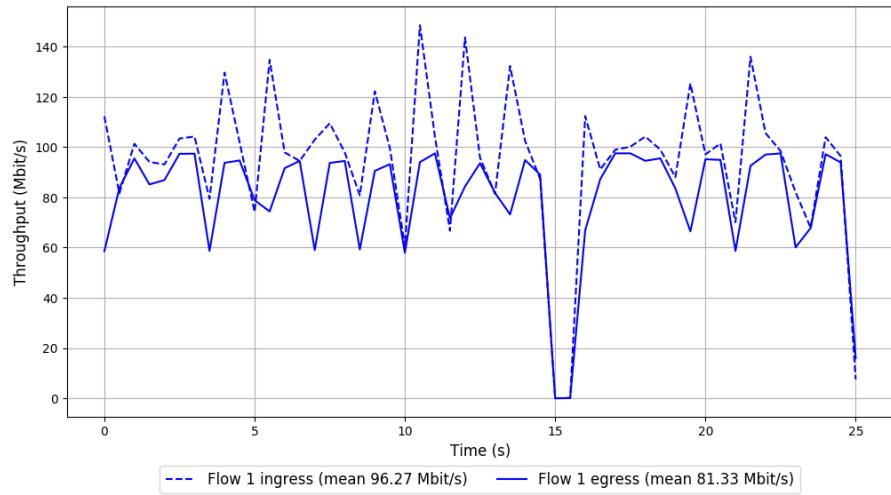


Run 4: Statistics of Verus

```
Start at: 2017-09-03 04:58:15
End at: 2017-09-03 04:58:45
Local clock offset: -2.206 ms
Remote clock offset: -4.241 ms

# Below is generated by plot.py at 2017-09-03 07:46:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.33 Mbit/s
95th percentile per-packet one-way delay: 50.191 ms
Loss rate: 15.44%
-- Flow 1:
Average throughput: 81.33 Mbit/s
95th percentile per-packet one-way delay: 50.191 ms
Loss rate: 15.44%
```

Run 4: Report of Verus — Data Link

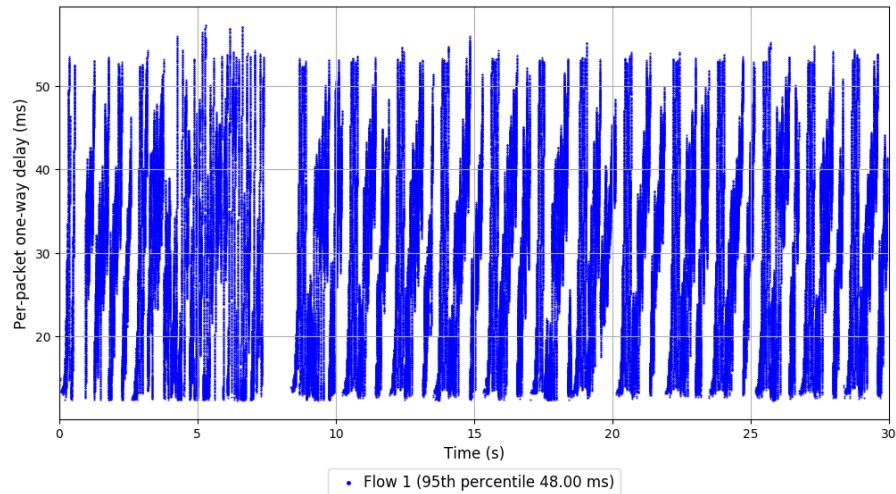
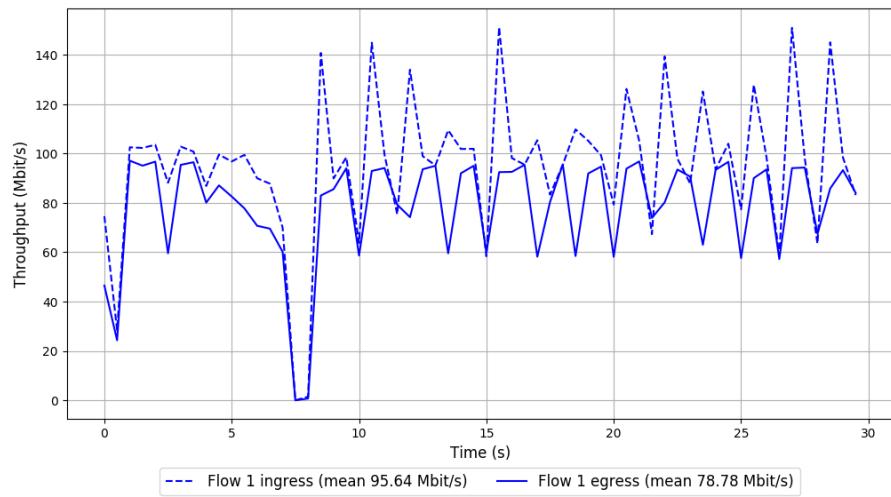


Run 5: Statistics of Verus

```
Start at: 2017-09-03 05:16:10
End at: 2017-09-03 05:16:40
Local clock offset: -0.089 ms
Remote clock offset: -3.215 ms

# Below is generated by plot.py at 2017-09-03 07:46:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.78 Mbit/s
95th percentile per-packet one-way delay: 48.002 ms
Loss rate: 17.55%
-- Flow 1:
Average throughput: 78.78 Mbit/s
95th percentile per-packet one-way delay: 48.002 ms
Loss rate: 17.55%
```

Run 5: Report of Verus — Data Link

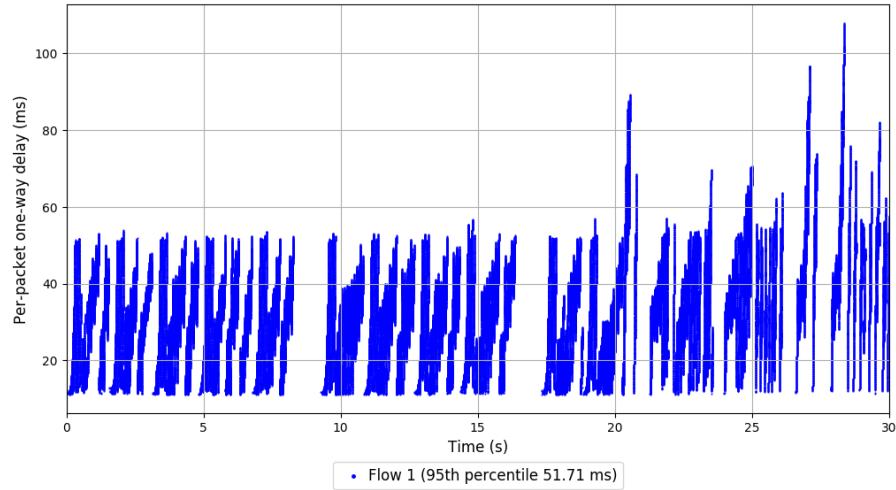
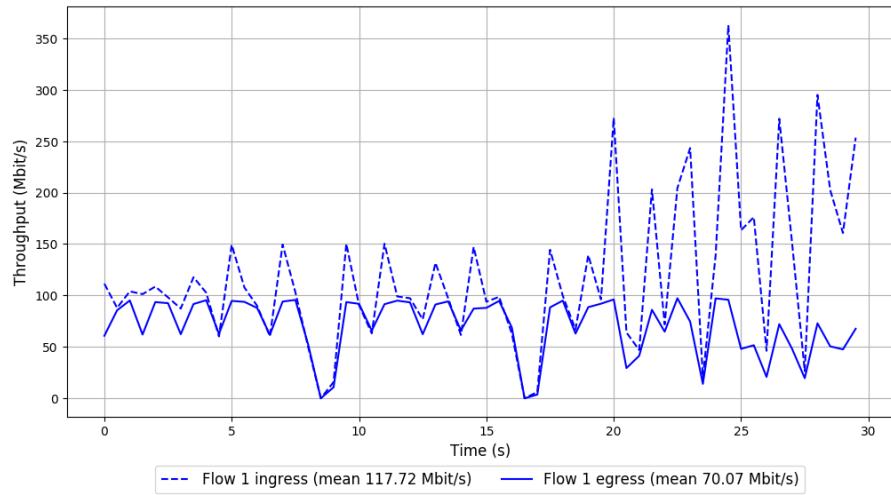


Run 6: Statistics of Verus

```
Start at: 2017-09-03 05:34:17
End at: 2017-09-03 05:34:47
Local clock offset: -0.269 ms
Remote clock offset: -3.382 ms

# Below is generated by plot.py at 2017-09-03 07:46:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.07 Mbit/s
95th percentile per-packet one-way delay: 51.706 ms
Loss rate: 40.43%
-- Flow 1:
Average throughput: 70.07 Mbit/s
95th percentile per-packet one-way delay: 51.706 ms
Loss rate: 40.43%
```

Run 6: Report of Verus — Data Link

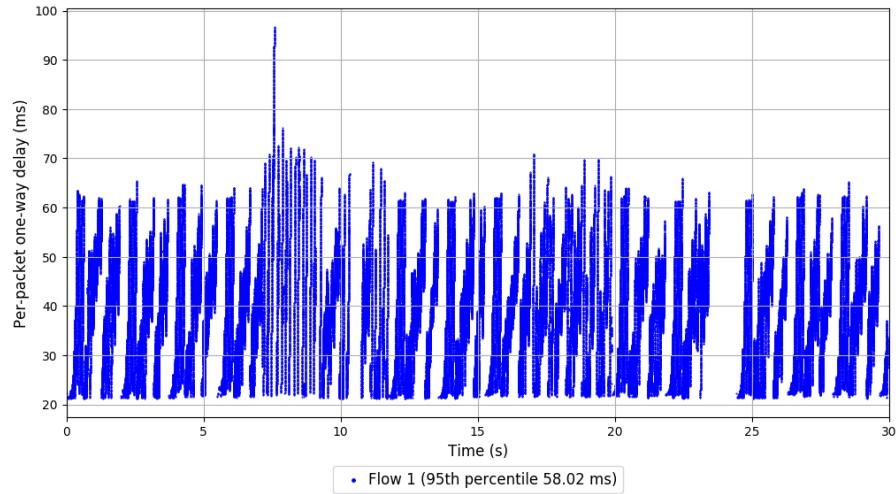
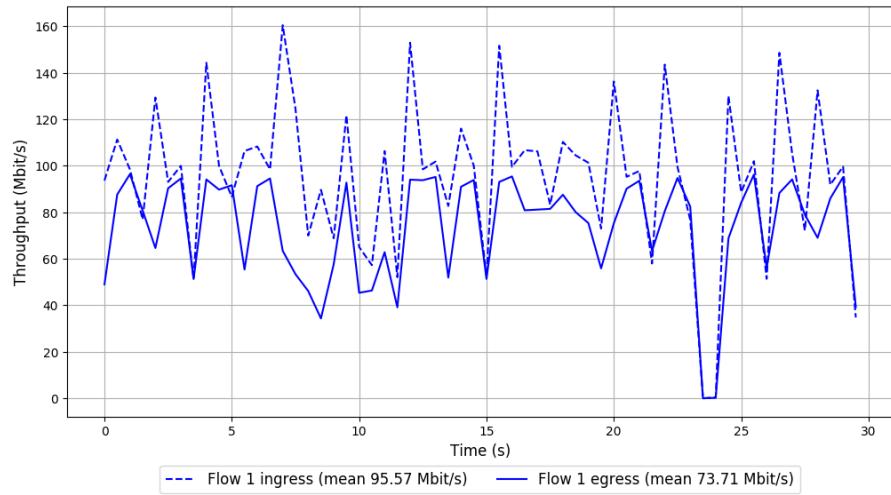


Run 7: Statistics of Verus

```
Start at: 2017-09-03 05:52:32
End at: 2017-09-03 05:53:02
Local clock offset: -4.51 ms
Remote clock offset: -5.017 ms

# Below is generated by plot.py at 2017-09-03 07:46:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.71 Mbit/s
95th percentile per-packet one-way delay: 58.024 ms
Loss rate: 22.87%
-- Flow 1:
Average throughput: 73.71 Mbit/s
95th percentile per-packet one-way delay: 58.024 ms
Loss rate: 22.87%
```

Run 7: Report of Verus — Data Link

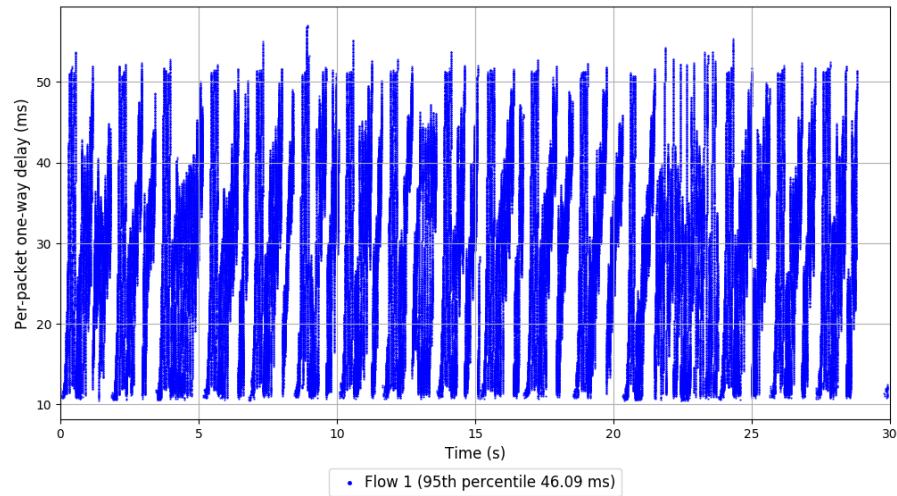
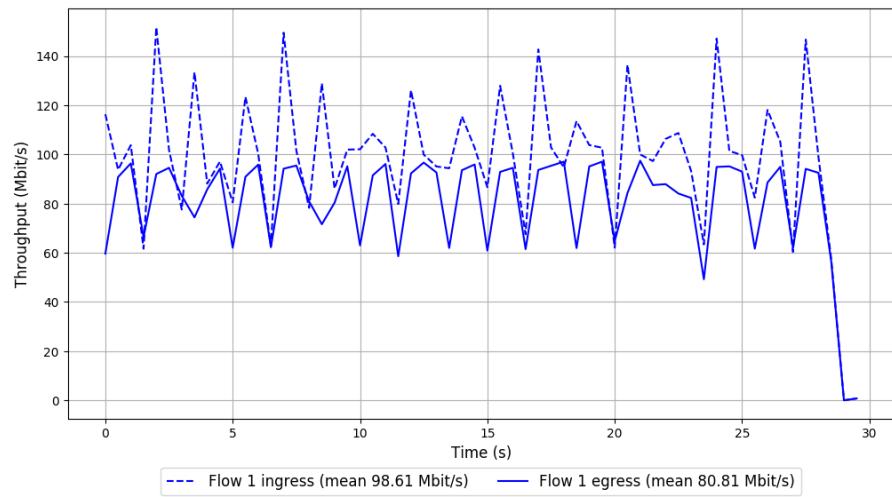


Run 8: Statistics of Verus

```
Start at: 2017-09-03 06:10:29
End at: 2017-09-03 06:10:59
Local clock offset: -1.897 ms
Remote clock offset: -8.121 ms

# Below is generated by plot.py at 2017-09-03 07:46:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.81 Mbit/s
95th percentile per-packet one-way delay: 46.089 ms
Loss rate: 18.05%
-- Flow 1:
Average throughput: 80.81 Mbit/s
95th percentile per-packet one-way delay: 46.089 ms
Loss rate: 18.05%
```

Run 8: Report of Verus — Data Link

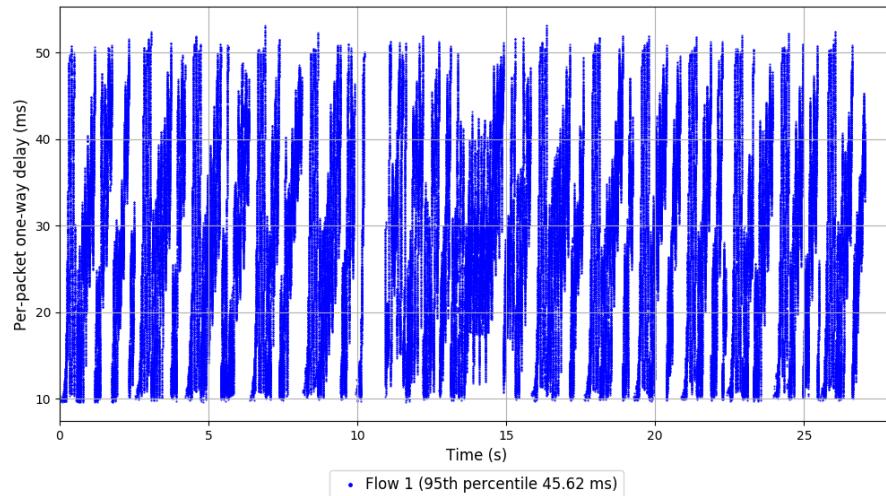
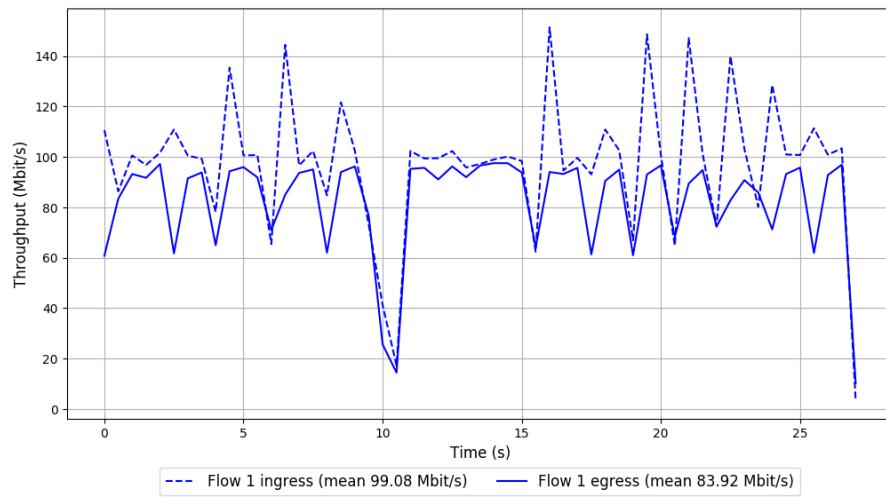


Run 9: Statistics of Verus

```
Start at: 2017-09-03 06:28:36
End at: 2017-09-03 06:29:06
Local clock offset: -0.927 ms
Remote clock offset: -9.337 ms

# Below is generated by plot.py at 2017-09-03 07:46:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.92 Mbit/s
95th percentile per-packet one-way delay: 45.623 ms
Loss rate: 15.20%
-- Flow 1:
Average throughput: 83.92 Mbit/s
95th percentile per-packet one-way delay: 45.623 ms
Loss rate: 15.20%
```

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

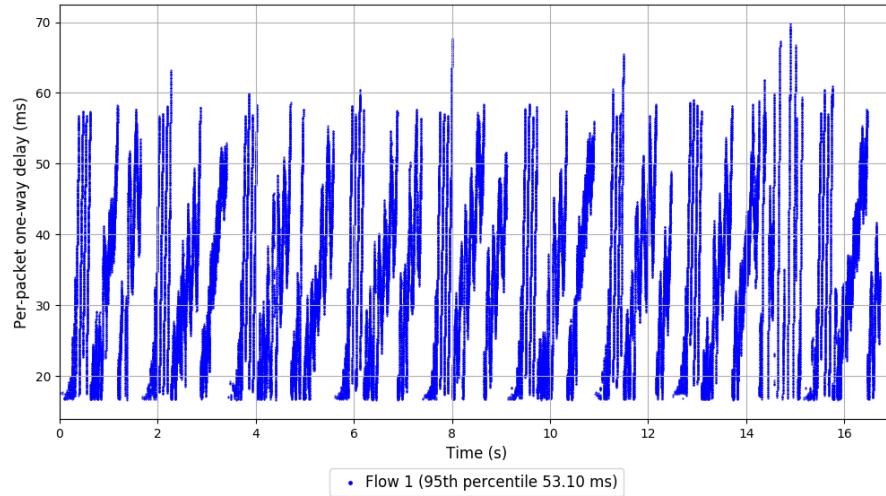
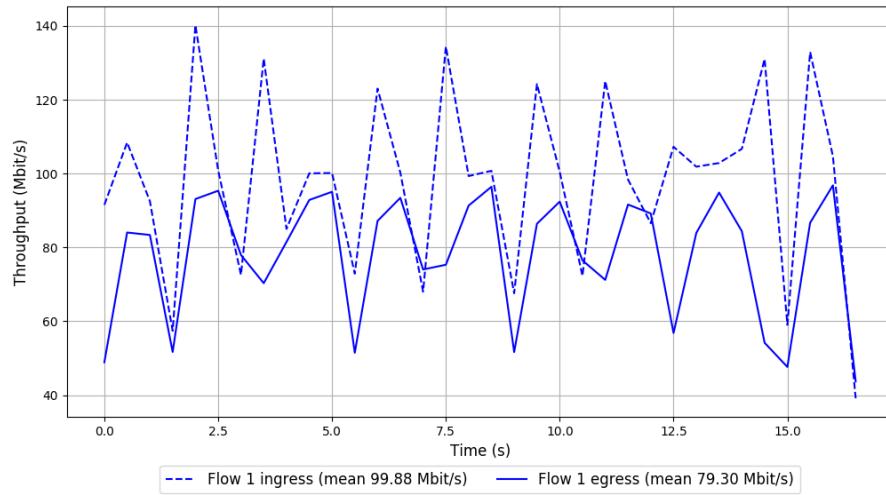
Start at: 2017-09-03 06:46:56

End at: 2017-09-03 06:47:26

Local clock offset: -1.007 ms

Remote clock offset: -8.098 ms

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: 2017-09-03 03:53:07

End at: 2017-09-03 03:53:37

Local clock offset: 1.262 ms

Remote clock offset: -5.915 ms

Run 1: Report of WebRTC media — Data Link

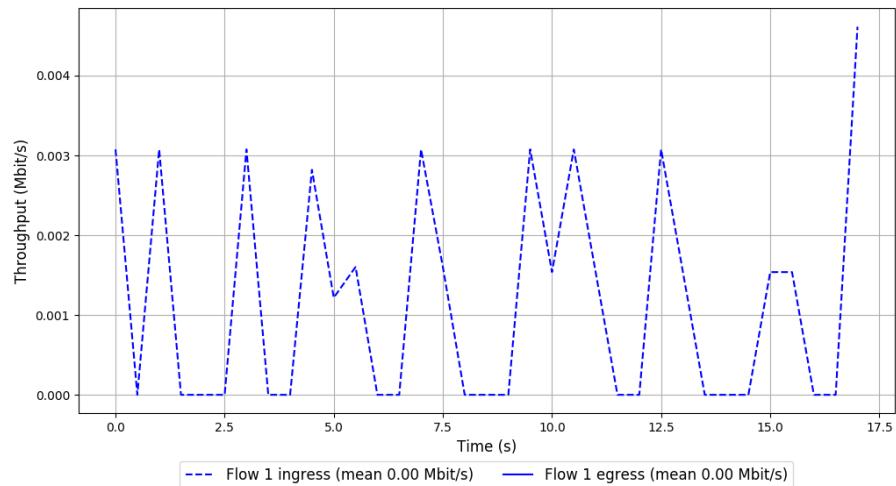


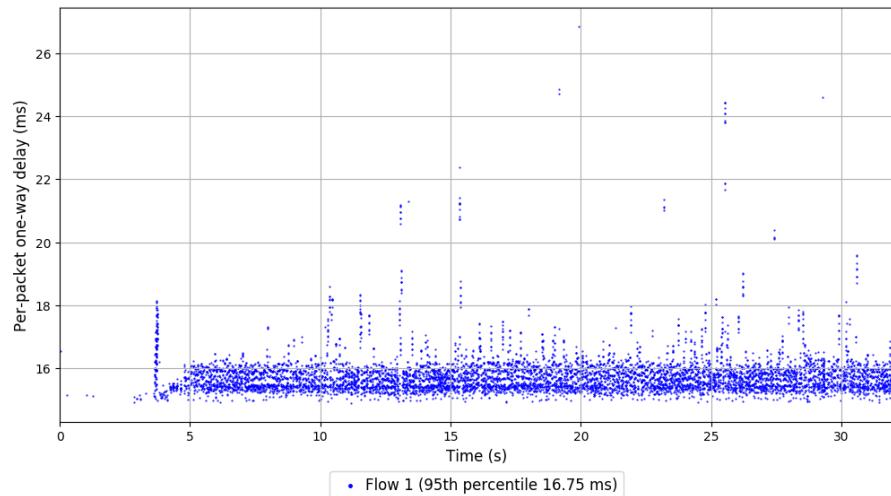
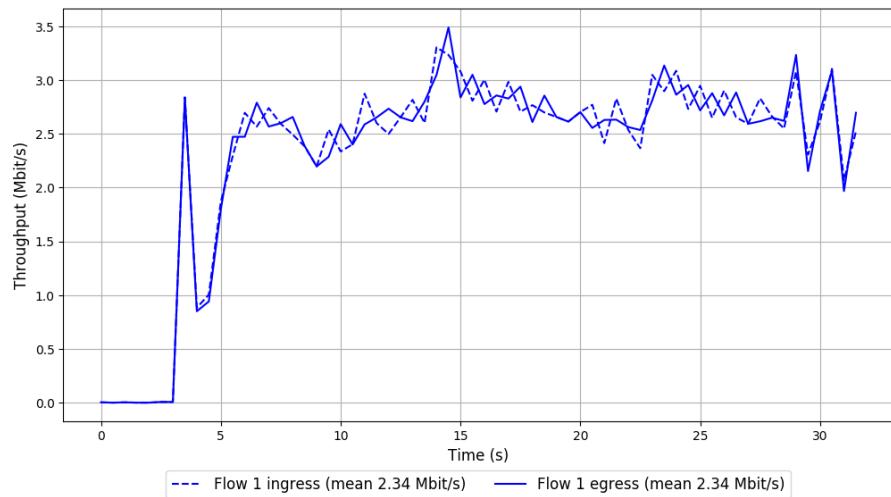
Figure is missing

Run 2: Statistics of WebRTC media

```
Start at: 2017-09-03 04:11:00
End at: 2017-09-03 04:11:30
Local clock offset: 0.815 ms
Remote clock offset: -6.613 ms

# Below is generated by plot.py at 2017-09-03 07:46:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 16.747 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 16.747 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

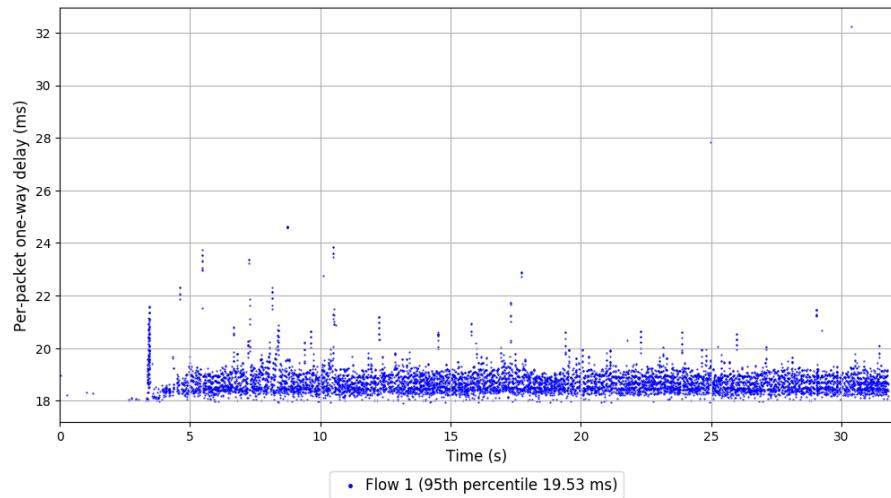
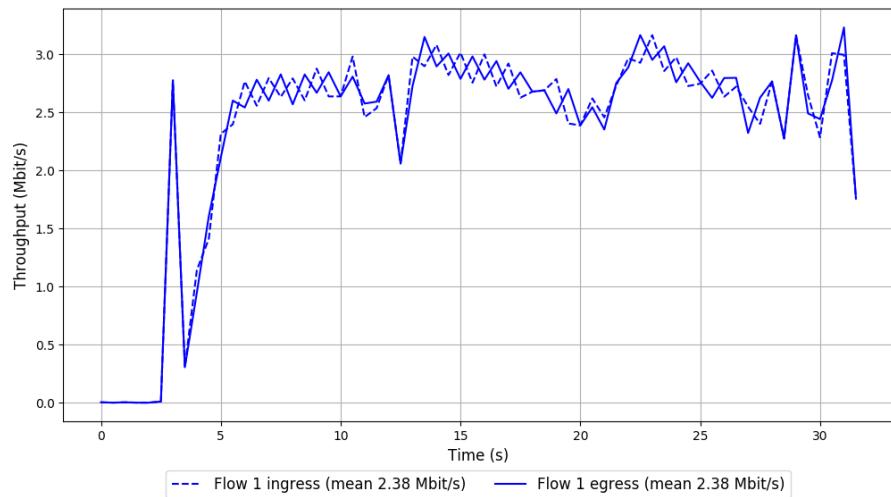


Run 3: Statistics of WebRTC media

```
Start at: 2017-09-03 04:28:39
End at: 2017-09-03 04:29:09
Local clock offset: -1.476 ms
Remote clock offset: -5.847 ms

# Below is generated by plot.py at 2017-09-03 07:46:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 19.529 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 19.529 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

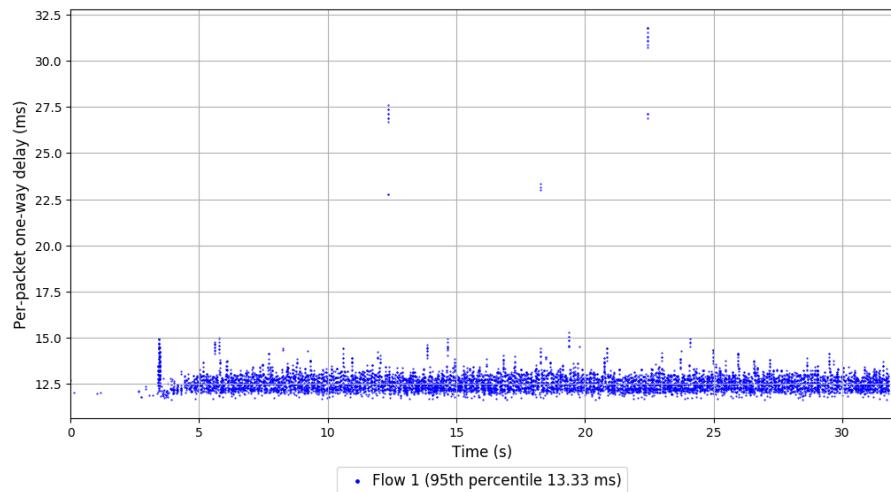
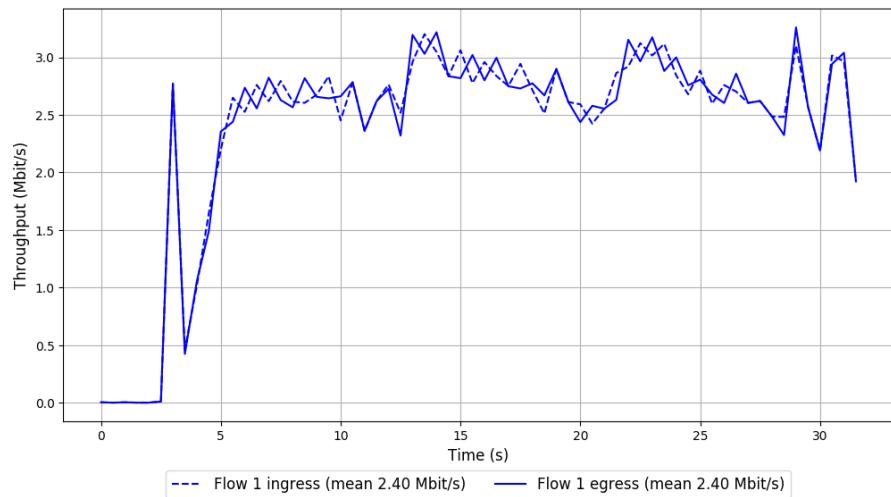


Run 4: Statistics of WebRTC media

```
Start at: 2017-09-03 04:46:29
End at: 2017-09-03 04:46:59
Local clock offset: -1.605 ms
Remote clock offset: -5.434 ms

# Below is generated by plot.py at 2017-09-03 07:46:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 13.333 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 13.333 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

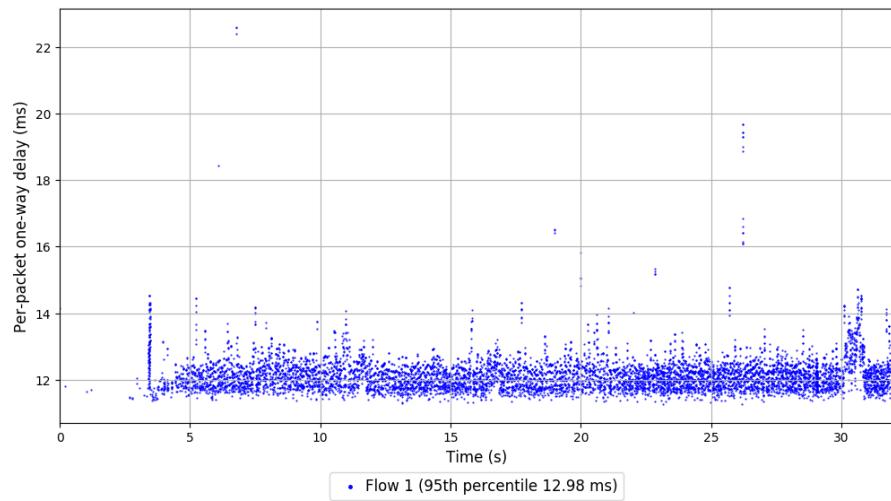
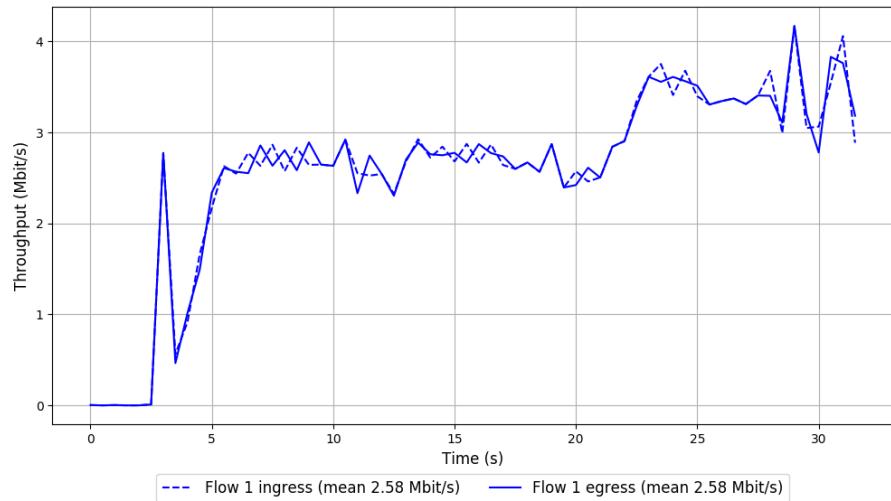


Run 5: Statistics of WebRTC media

```
Start at: 2017-09-03 05:04:17
End at: 2017-09-03 05:04:47
Local clock offset: 0.433 ms
Remote clock offset: -4.58 ms

# Below is generated by plot.py at 2017-09-03 07:46:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.58 Mbit/s
95th percentile per-packet one-way delay: 12.976 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 2.58 Mbit/s
95th percentile per-packet one-way delay: 12.976 ms
Loss rate: 0.03%
```

Run 5: Report of WebRTC media — Data Link

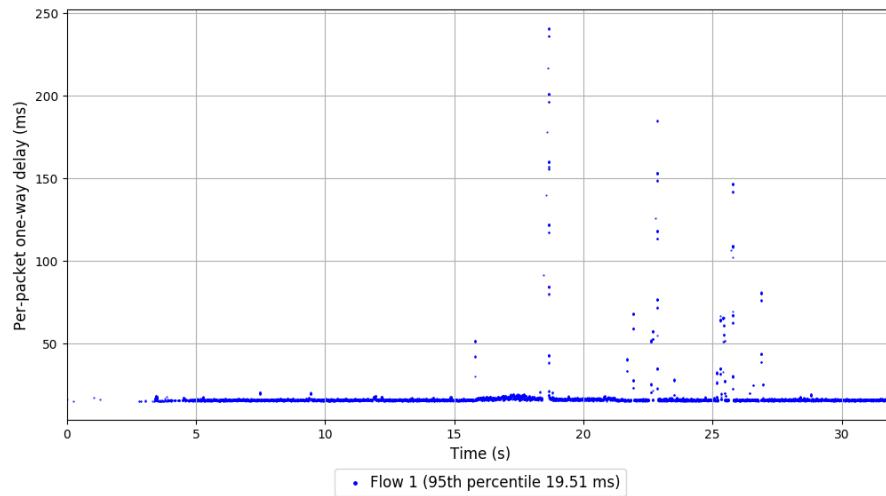
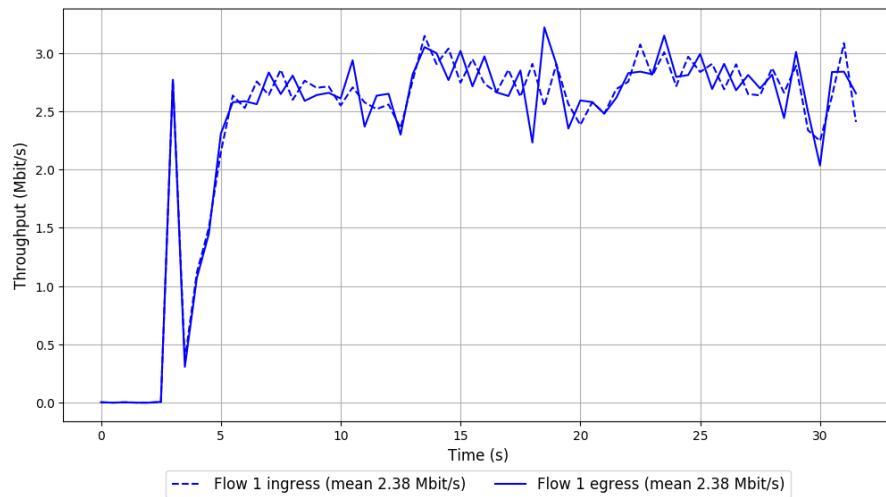


Run 6: Statistics of WebRTC media

```
Start at: 2017-09-03 05:22:29
End at: 2017-09-03 05:22:59
Local clock offset: -1.417 ms
Remote clock offset: -1.983 ms

# Below is generated by plot.py at 2017-09-03 07:46:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 19.512 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 19.512 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link

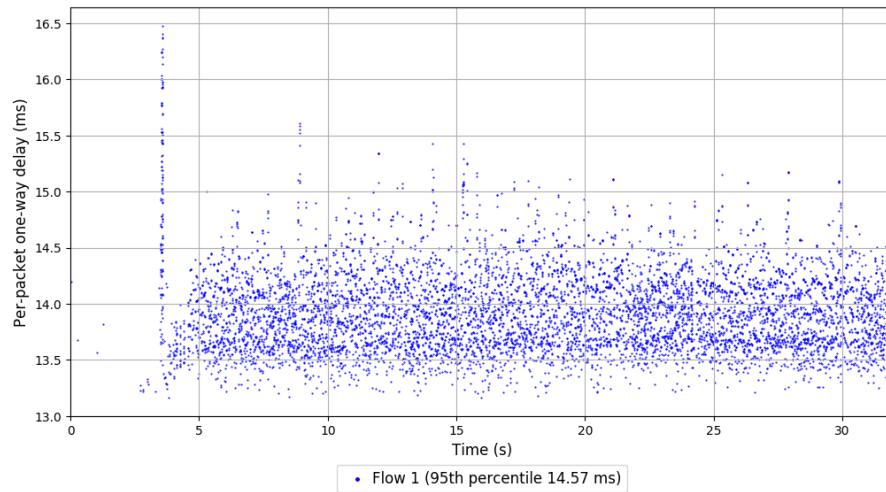
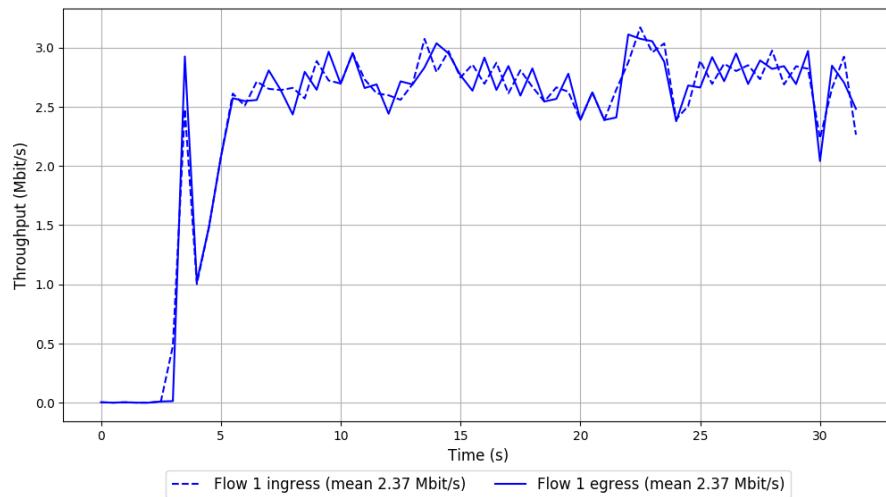


Run 7: Statistics of WebRTC media

```
Start at: 2017-09-03 05:40:27
End at: 2017-09-03 05:40:57
Local clock offset: -1.108 ms
Remote clock offset: -4.215 ms

# Below is generated by plot.py at 2017-09-03 07:46:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 14.573 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 14.573 ms
Loss rate: 0.00%
```

Run 7: Report of WebRTC media — Data Link

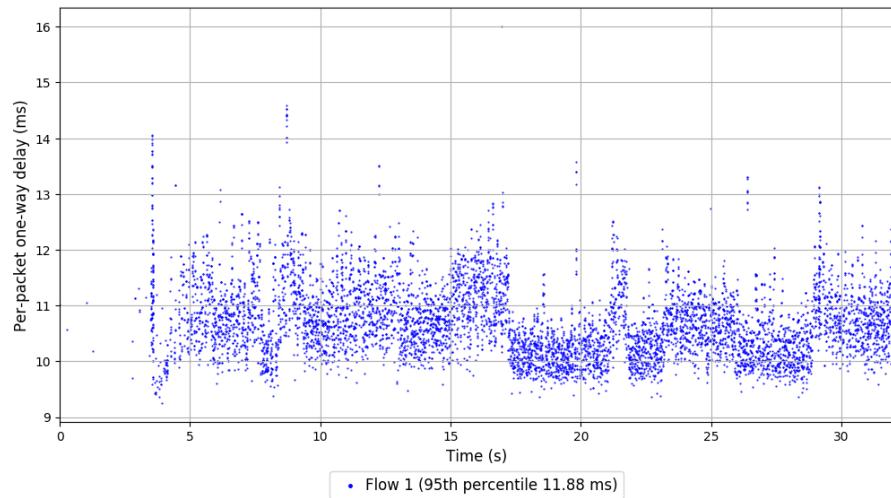
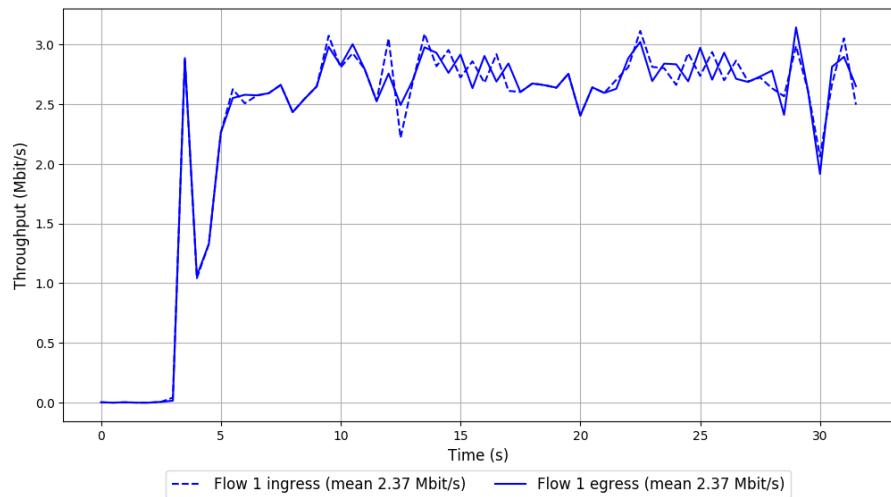


Run 8: Statistics of WebRTC media

```
Start at: 2017-09-03 05:58:26
End at: 2017-09-03 05:58:56
Local clock offset: 0.273 ms
Remote clock offset: -5.721 ms

# Below is generated by plot.py at 2017-09-03 07:46:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 11.877 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 11.877 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

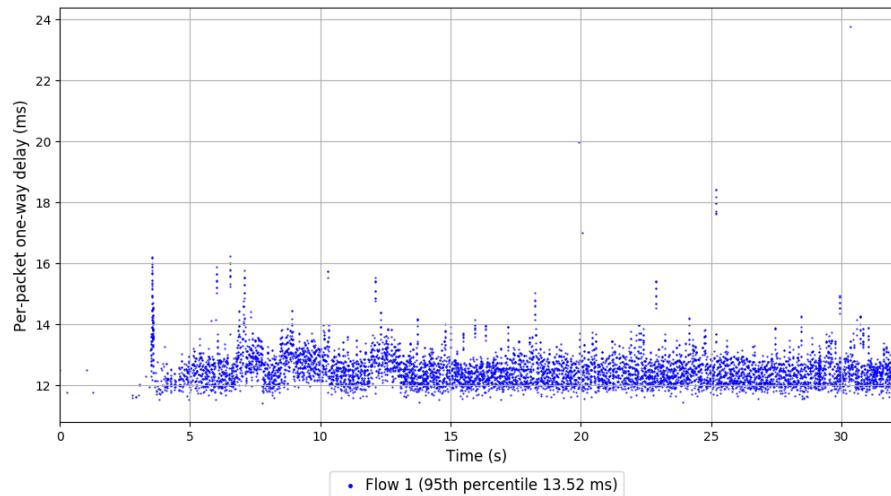
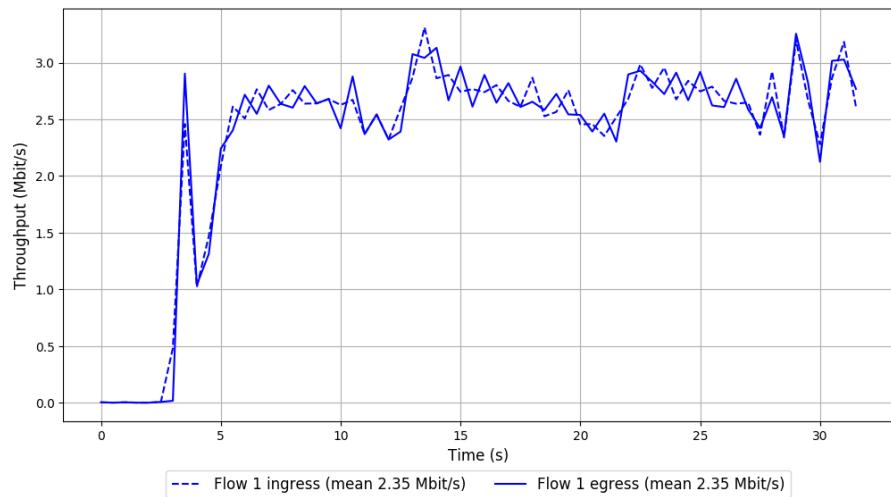


Run 9: Statistics of WebRTC media

```
Start at: 2017-09-03 06:16:33
End at: 2017-09-03 06:17:03
Local clock offset: -0.183 ms
Remote clock offset: -8.829 ms

# Below is generated by plot.py at 2017-09-03 07:46:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 13.519 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 13.519 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



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

```
Start at: 2017-09-03 06:34:47
End at: 2017-09-03 06:35:17
Local clock offset: -1.056 ms
Remote clock offset: -8.641 ms

# Below is generated by plot.py at 2017-09-03 07:46:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 11.807 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 11.807 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

