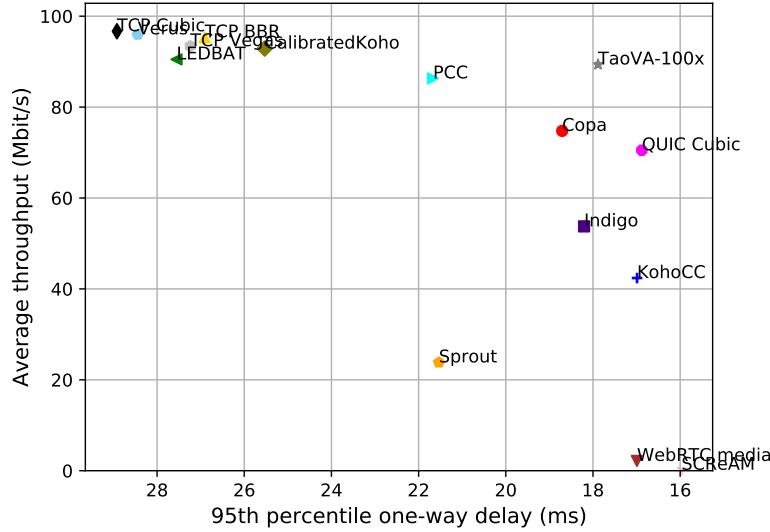


Pantheon Report

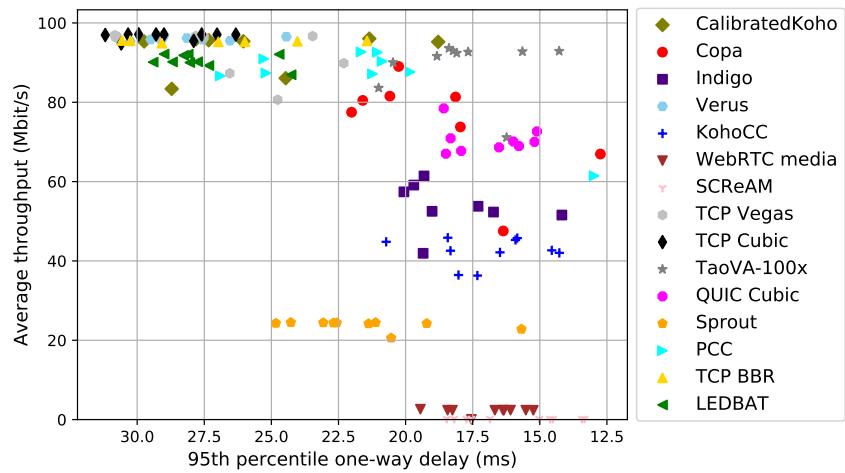
Generated at 2017-09-03 07:34:07 (UTC).
Data path: India Ethernet (*remote*) → AWS India 1 Ethernet (*local*).
Repeated the test of 15 congestion control schemes 10 times.
Each test lasted for 30 seconds running 1 flow.
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).
Tested BBR with 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 India Ethernet to AWS India 1 Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



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



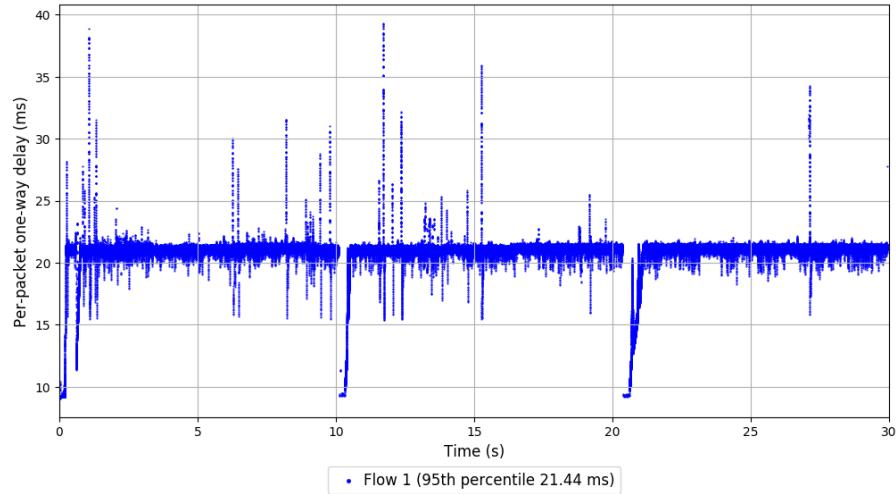
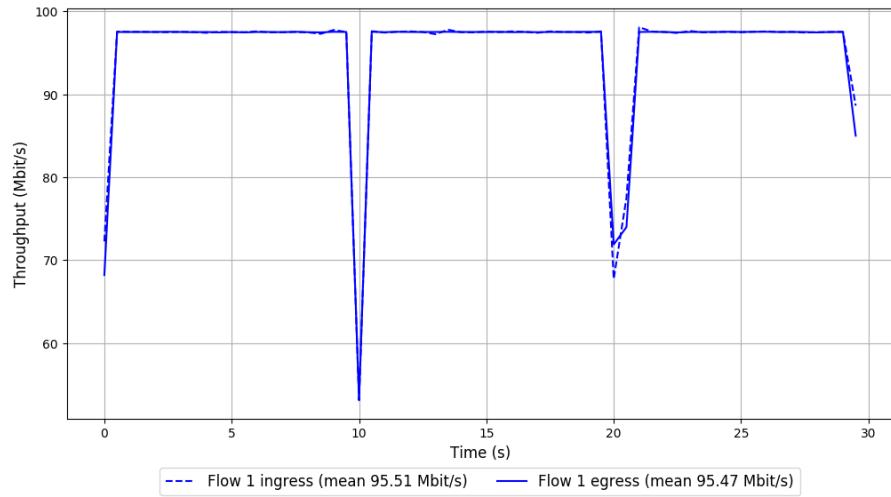
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	7	95.33	26.91	0.14
CalibratedKoho	8	92.87	25.53	0.11
Copa	8	74.77	18.71	0.10
TCP Cubic	10	96.69	28.92	0.13
Indigo	8	53.76	18.20	0.09
KohoCC	10	42.39	16.99	0.09
LEDBAT	10	90.49	27.55	0.14
PCC	9	86.31	21.67	0.10
QUIC Cubic	9	70.50	16.88	0.09
SCReAM	10	0.21	15.97	0.09
Sprout	10	23.83	21.54	0.09
TaoVA-100x	10	89.38	17.88	0.11
TCP Vegas	10	93.40	27.24	0.09
Verus	10	96.01	28.44	0.13
WebRTC media	10	2.16	16.99	0.13

Run 1: Statistics of TCP BBR

```
Start at: 2017-09-03 00:54:59
End at: 2017-09-03 00:55:29
Local clock offset: -2.483 ms
Remote clock offset: -1.595 ms

# Below is generated by plot.py at 2017-09-03 07:22:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.47 Mbit/s
95th percentile per-packet one-way delay: 21.436 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 95.47 Mbit/s
95th percentile per-packet one-way delay: 21.436 ms
Loss rate: 0.14%
```

Run 1: Report of TCP BBR — Data Link

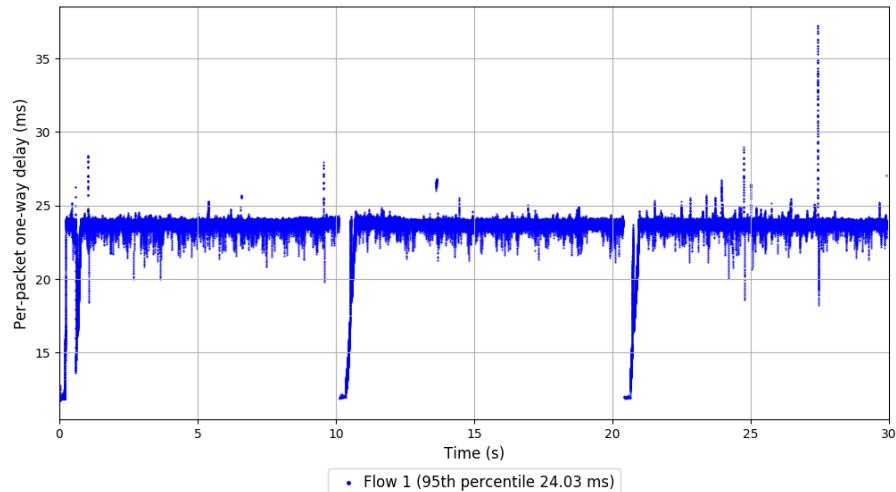
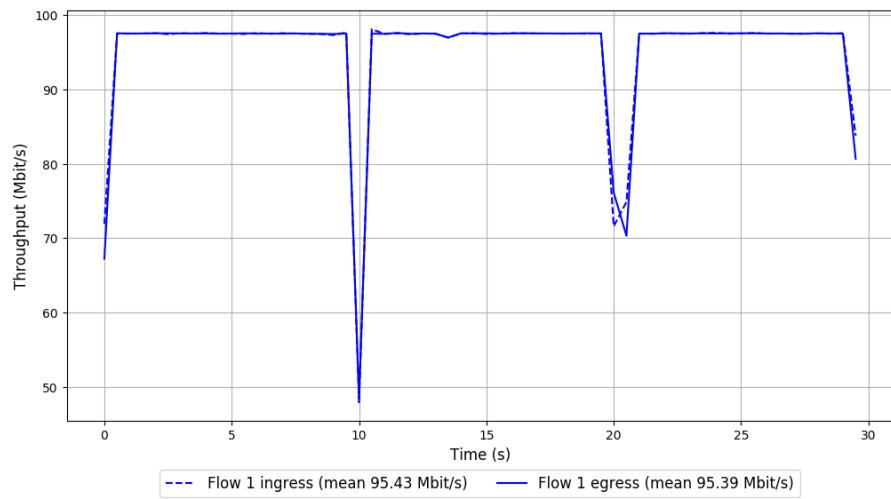


Run 2: Statistics of TCP BBR

```
Start at: 2017-09-03 01:12:22
End at: 2017-09-03 01:12:52
Local clock offset: -2.588 ms
Remote clock offset: -4.535 ms

# Below is generated by plot.py at 2017-09-03 07:22:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.39 Mbit/s
95th percentile per-packet one-way delay: 24.029 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 95.39 Mbit/s
95th percentile per-packet one-way delay: 24.029 ms
Loss rate: 0.14%
```

Run 2: Report of TCP BBR — Data Link

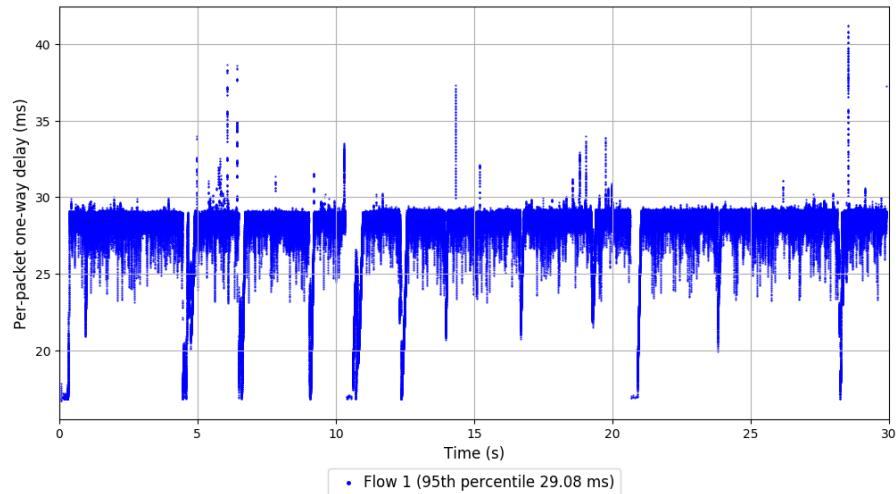
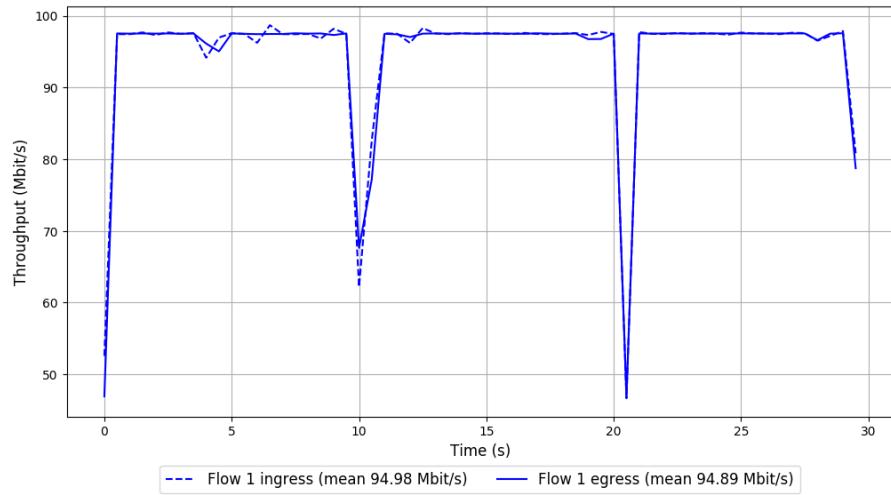


Run 3: Statistics of TCP BBR

```
Start at: 2017-09-03 01:30:04
End at: 2017-09-03 01:30:34
Local clock offset: -0.828 ms
Remote clock offset: -7.863 ms

# Below is generated by plot.py at 2017-09-03 07:22:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.89 Mbit/s
95th percentile per-packet one-way delay: 29.082 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 94.89 Mbit/s
95th percentile per-packet one-way delay: 29.082 ms
Loss rate: 0.16%
```

Run 3: Report of TCP BBR — Data Link

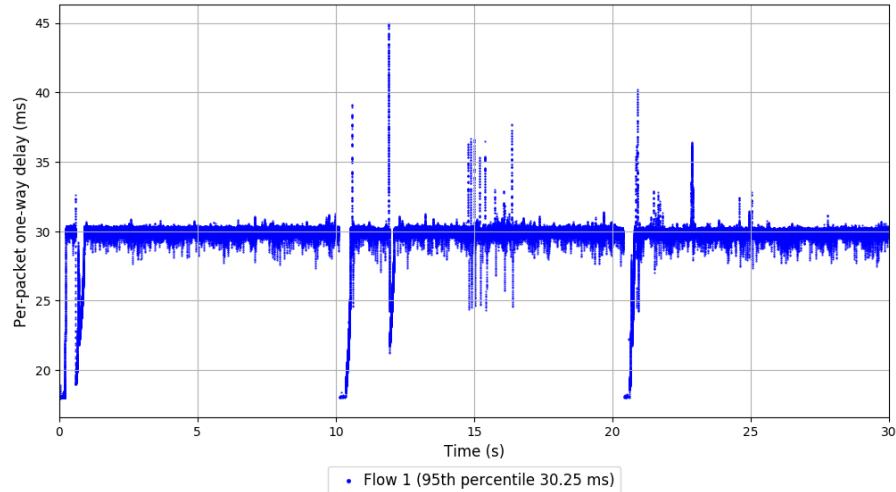
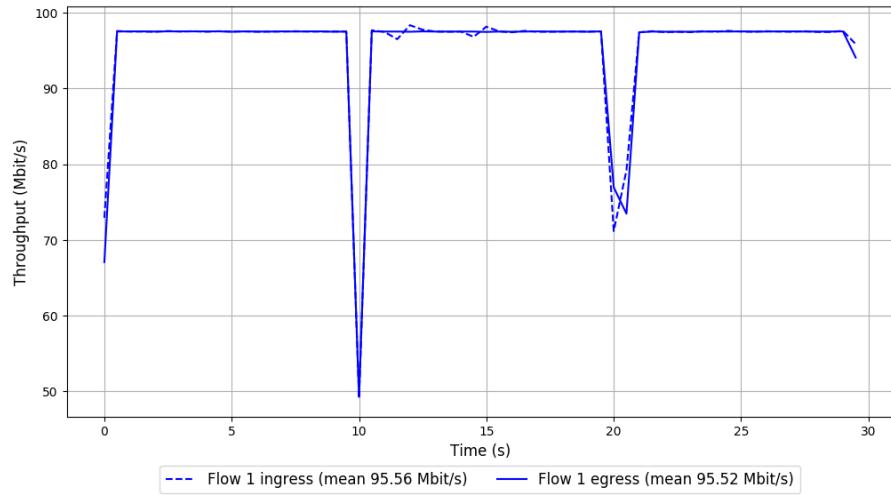


Run 4: Statistics of TCP BBR

```
Start at: 2017-09-03 01:47:45
End at: 2017-09-03 01:48:15
Local clock offset: 0.94 ms
Remote clock offset: -7.152 ms

# Below is generated by plot.py at 2017-09-03 07:22:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.52 Mbit/s
95th percentile per-packet one-way delay: 30.254 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 95.52 Mbit/s
95th percentile per-packet one-way delay: 30.254 ms
Loss rate: 0.13%
```

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2017-09-03 02:05:36

End at: 2017-09-03 02:06:07

Local clock offset: -2.079 ms

Remote clock offset: -7.31 ms

Run 5: Report of TCP BBR — Data Link

Figure is missing

Figure is missing

Run 6: Statistics of TCP BBR

Start at: 2017-09-03 02:23:29

End at: 2017-09-03 02:23:59

Local clock offset: -1.728 ms

Remote clock offset: -5.873 ms

Run 6: Report of TCP BBR — Data Link

Figure is missing

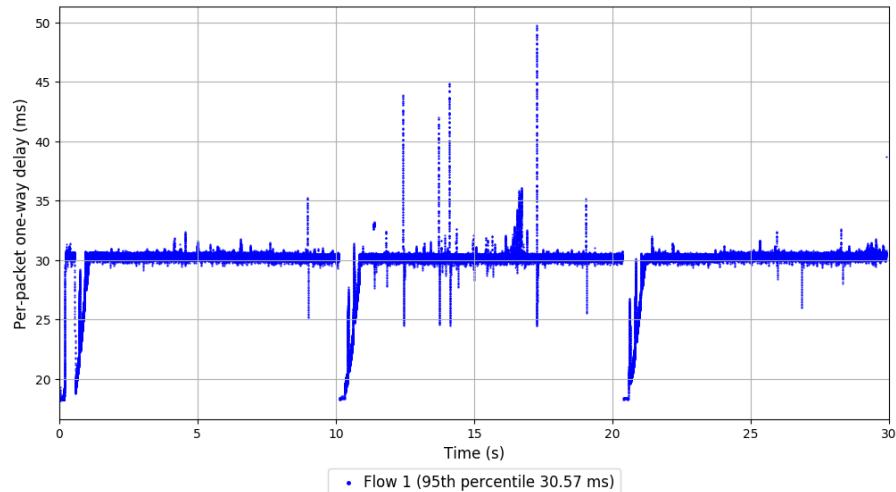
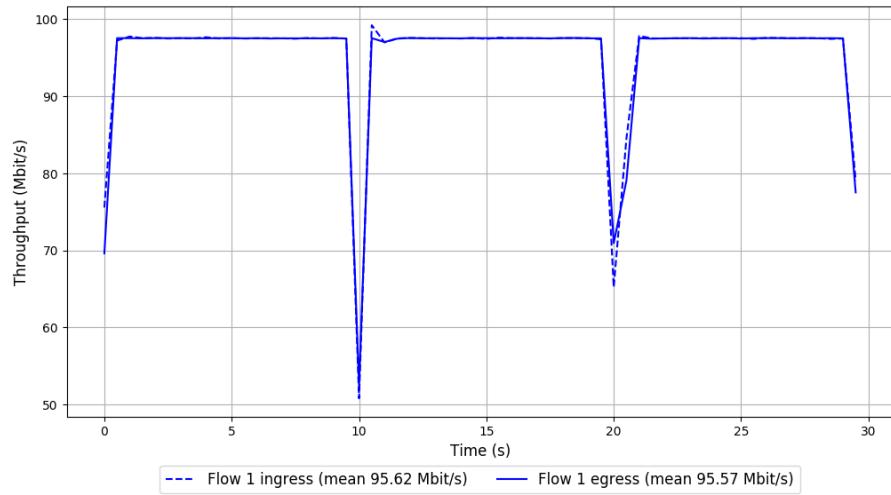
Figure is missing

Run 7: Statistics of TCP BBR

```
Start at: 2017-09-03 02:41:12
End at: 2017-09-03 02:41:42
Local clock offset: 1.114 ms
Remote clock offset: -7.032 ms

# Below is generated by plot.py at 2017-09-03 07:22:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.57 Mbit/s
95th percentile per-packet one-way delay: 30.571 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 95.57 Mbit/s
95th percentile per-packet one-way delay: 30.571 ms
Loss rate: 0.13%
```

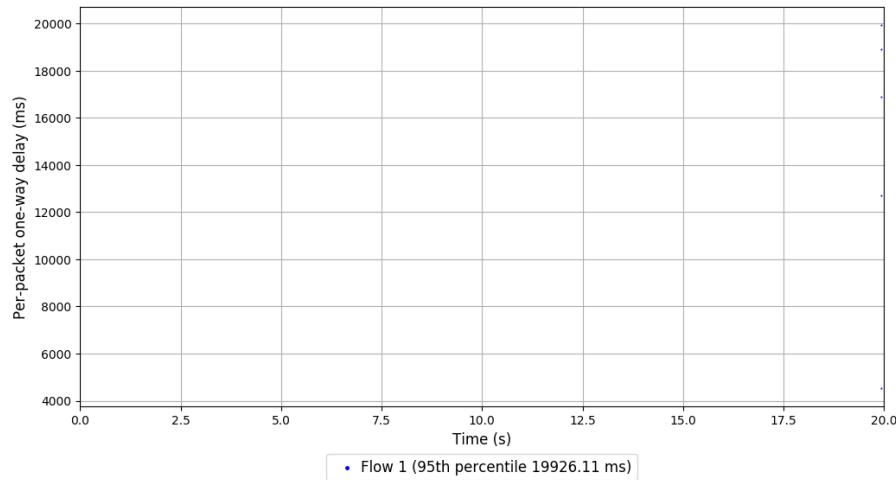
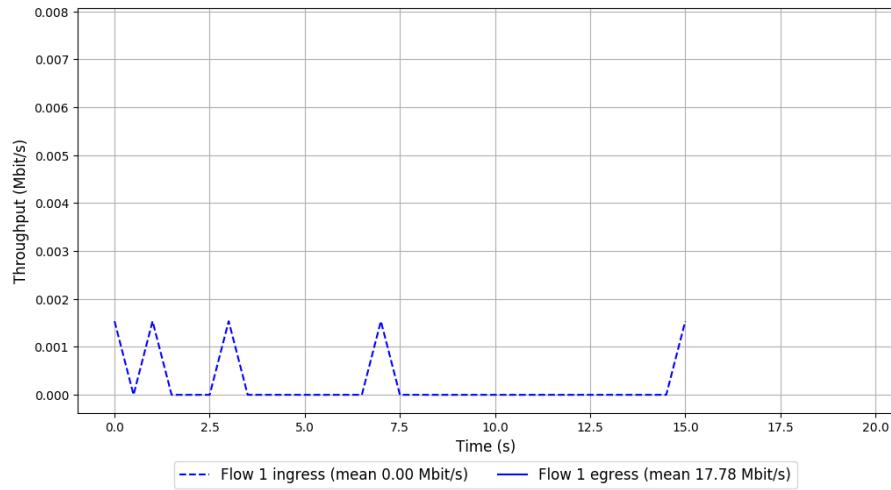
Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2017-09-03 02:59:16
End at: 2017-09-03 02:59:46
Local clock offset: -2.056 ms
Remote clock offset: -11.53 ms

Run 8: Report of TCP BBR — Data Link

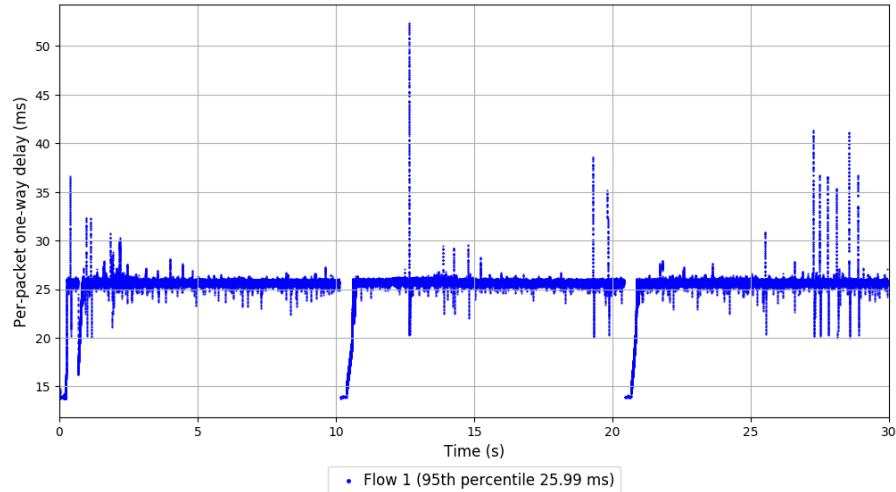
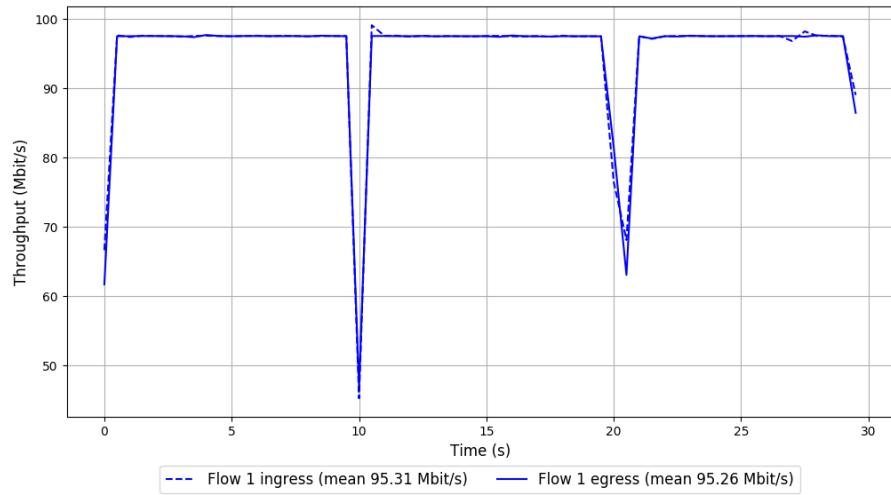


Run 9: Statistics of TCP BBR

```
Start at: 2017-09-03 03:16:59
End at: 2017-09-03 03:17:29
Local clock offset: -1.715 ms
Remote clock offset: -5.424 ms

# Below is generated by plot.py at 2017-09-03 07:22:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.26 Mbit/s
95th percentile per-packet one-way delay: 25.989 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 95.26 Mbit/s
95th percentile per-packet one-way delay: 25.989 ms
Loss rate: 0.13%
```

Run 9: Report of TCP BBR — Data Link

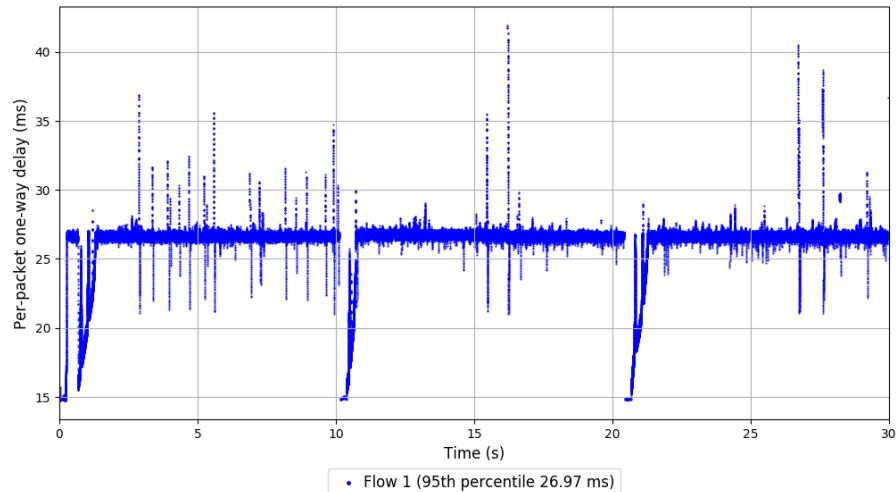
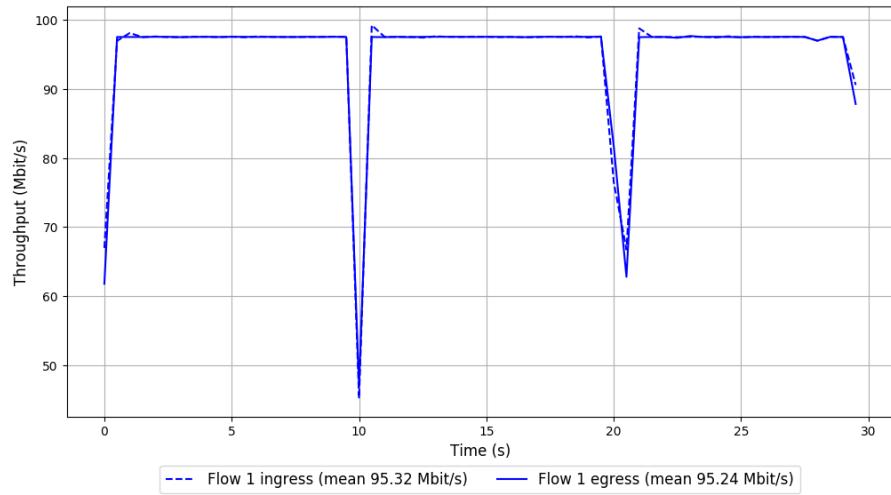


```
Run 10: Statistics of TCP BBR
```

```
Start at: 2017-09-03 03:35:04
End at: 2017-09-03 03:35:34
Local clock offset: -1.121 ms
Remote clock offset: -5.81 ms

# Below is generated by plot.py at 2017-09-03 07:22:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.24 Mbit/s
95th percentile per-packet one-way delay: 26.974 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 95.24 Mbit/s
95th percentile per-packet one-way delay: 26.974 ms
Loss rate: 0.14%
```

Run 10: Report of TCP BBR — Data Link

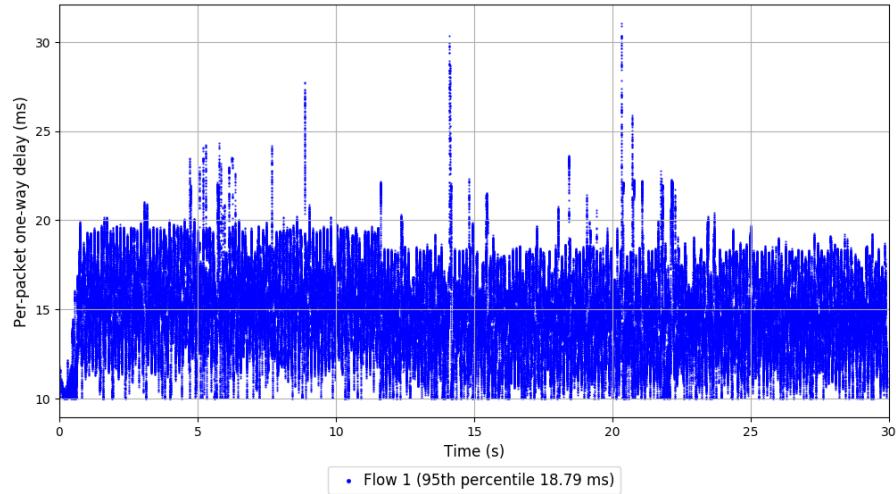
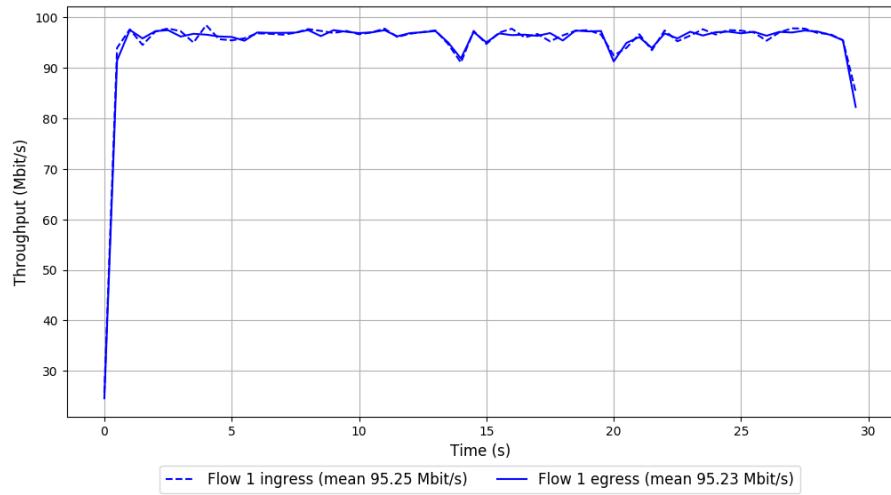


```
Run 1: Statistics of CalibratedKoho

Start at: 2017-09-03 01:01:55
End at: 2017-09-03 01:02:25
Local clock offset: -1.198 ms
Remote clock offset: -1.24 ms

# Below is generated by plot.py at 2017-09-03 07:22:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.23 Mbit/s
95th percentile per-packet one-way delay: 18.786 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 95.23 Mbit/s
95th percentile per-packet one-way delay: 18.786 ms
Loss rate: 0.11%
```

Run 1: Report of CalibratedKoho — Data Link

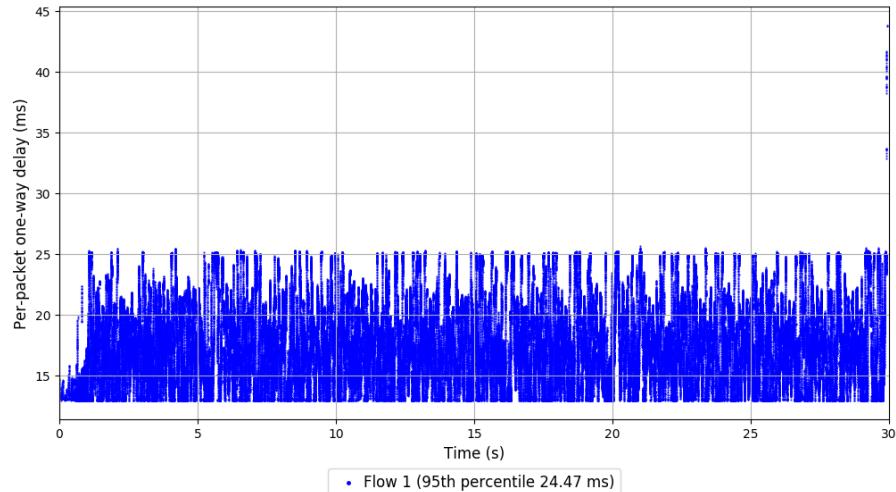
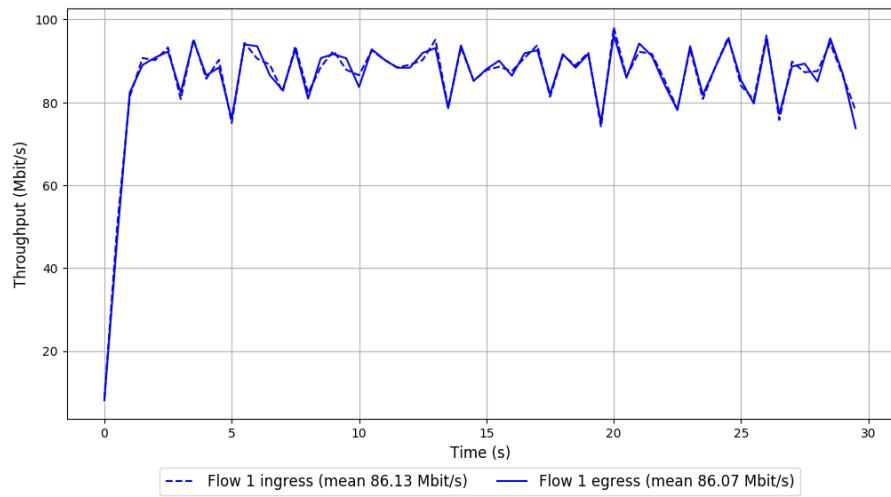


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: 2017-09-03 01:19:23
End at: 2017-09-03 01:19:53
Local clock offset: -0.638 ms
Remote clock offset: -3.733 ms

# Below is generated by plot.py at 2017-09-03 07:23:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.07 Mbit/s
95th percentile per-packet one-way delay: 24.467 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 86.07 Mbit/s
95th percentile per-packet one-way delay: 24.467 ms
Loss rate: 0.13%
```

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: 2017-09-03 01:37:20
End at: 2017-09-03 01:37:50
Local clock offset: -1.322 ms
Remote clock offset: -7.543 ms

Run 3: Report of CalibratedKoho — Data Link

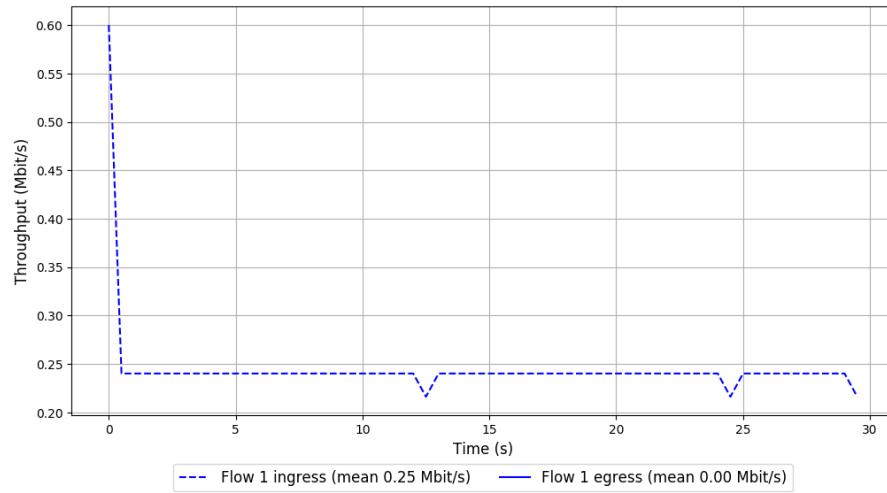


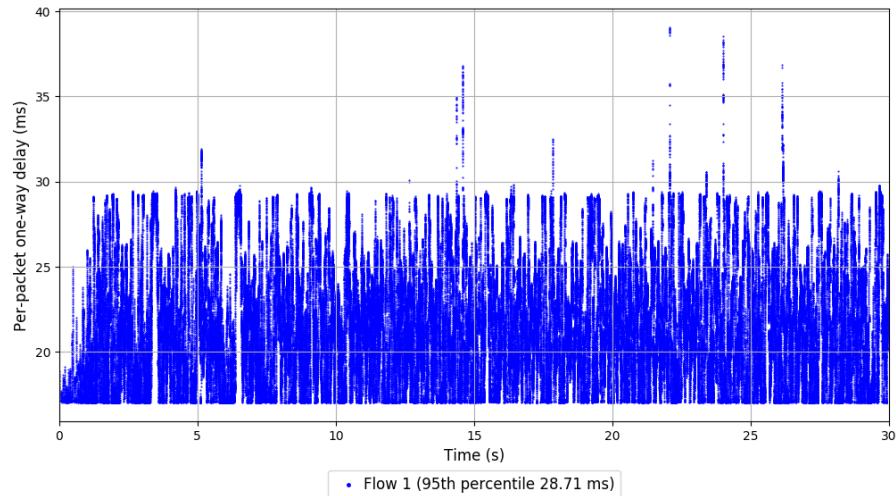
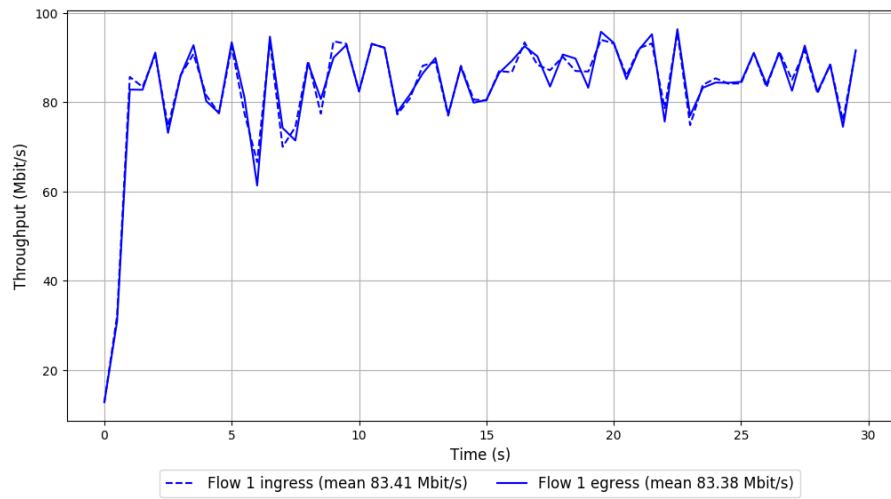
Figure is missing

Run 4: Statistics of CalibratedKoho

```
Start at: 2017-09-03 01:54:45
End at: 2017-09-03 01:55:15
Local clock offset: -0.384 ms
Remote clock offset: -7.502 ms

# Below is generated by plot.py at 2017-09-03 07:23:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.38 Mbit/s
95th percentile per-packet one-way delay: 28.714 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 83.38 Mbit/s
95th percentile per-packet one-way delay: 28.714 ms
Loss rate: 0.11%
```

Run 4: Report of CalibratedKoho — Data Link

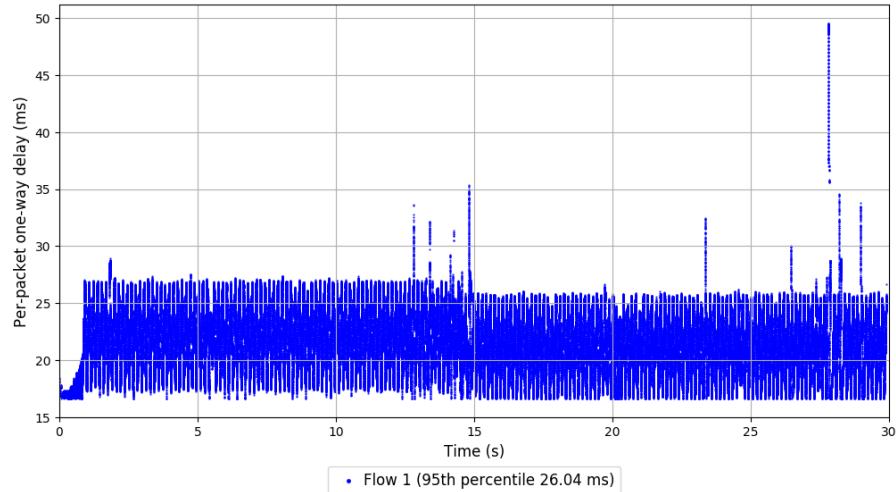
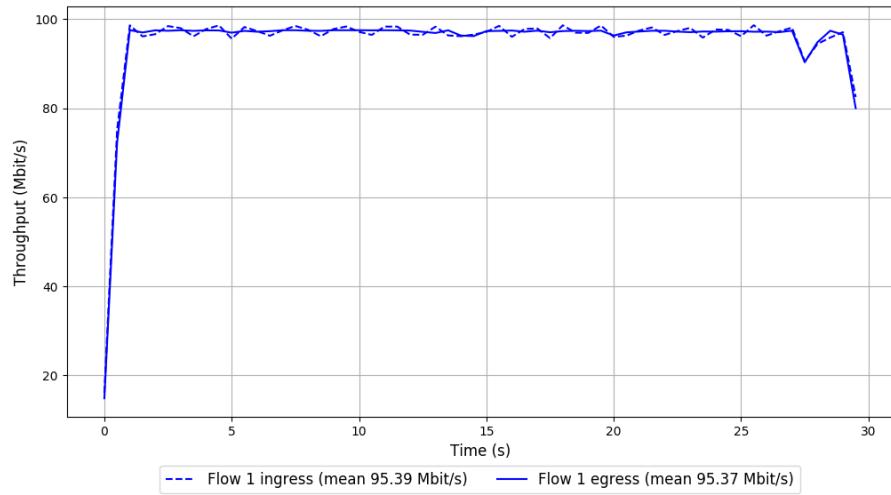


```
Run 5: Statistics of CalibratedKoho
```

```
Start at: 2017-09-03 02:12:47
End at: 2017-09-03 02:13:17
Local clock offset: -0.019 ms
Remote clock offset: -6.689 ms

# Below is generated by plot.py at 2017-09-03 07:23:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.37 Mbit/s
95th percentile per-packet one-way delay: 26.044 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 95.37 Mbit/s
95th percentile per-packet one-way delay: 26.044 ms
Loss rate: 0.11%
```

Run 5: Report of CalibratedKoho — Data Link

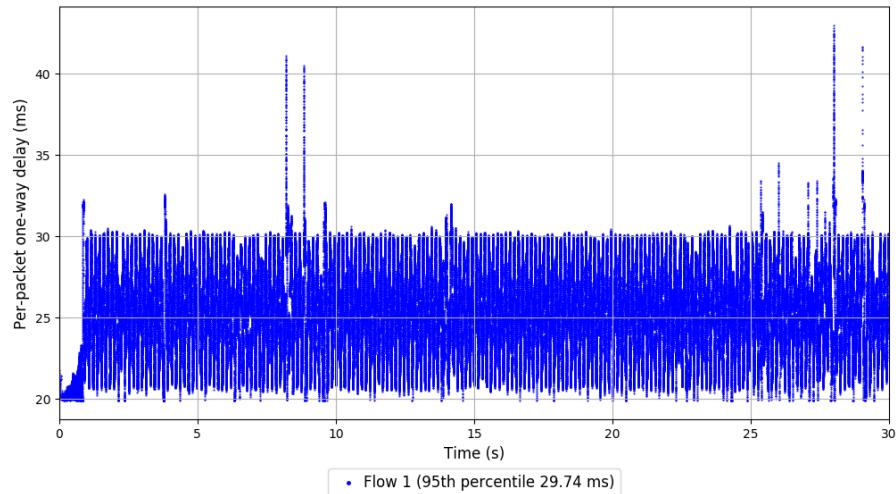
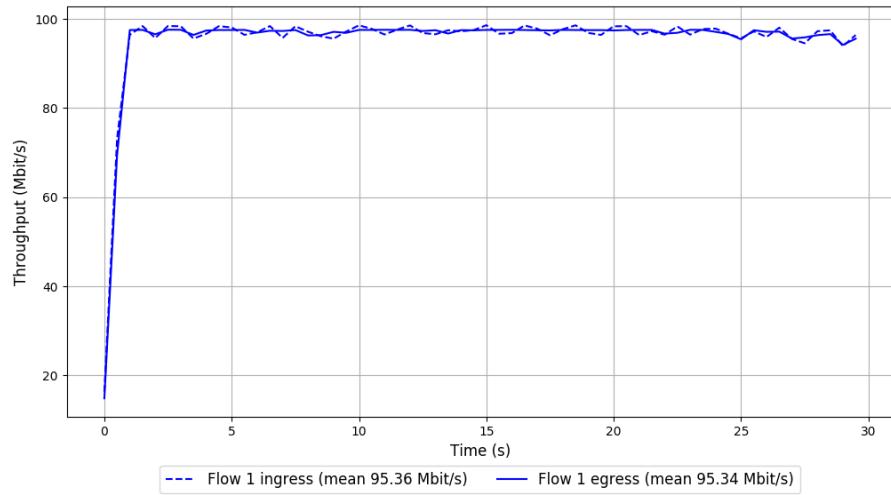


Run 6: Statistics of CalibratedKoho

```
Start at: 2017-09-03 02:30:34
End at: 2017-09-03 02:31:04
Local clock offset: 2.691 ms
Remote clock offset: -7.198 ms

# Below is generated by plot.py at 2017-09-03 07:23:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.34 Mbit/s
95th percentile per-packet one-way delay: 29.741 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 95.34 Mbit/s
95th percentile per-packet one-way delay: 29.741 ms
Loss rate: 0.10%
```

Run 6: Report of CalibratedKoho — Data Link

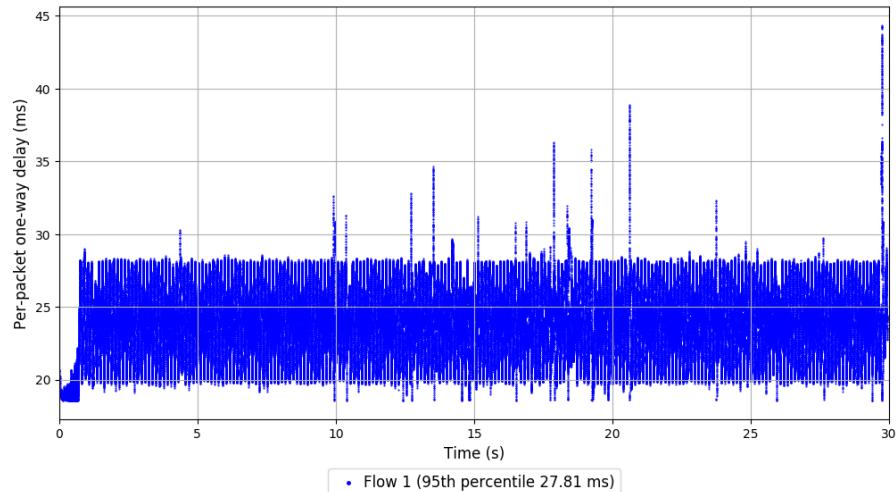
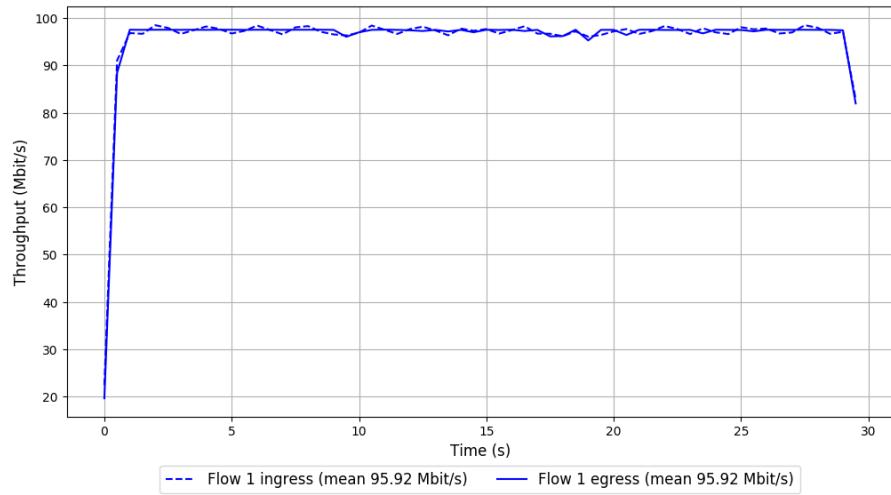


Run 7: Statistics of CalibratedKoho

```
Start at: 2017-09-03 02:48:28
End at: 2017-09-03 02:48:58
Local clock offset: 1.091 ms
Remote clock offset: -7.421 ms

# Below is generated by plot.py at 2017-09-03 07:23:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.92 Mbit/s
95th percentile per-packet one-way delay: 27.809 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 95.92 Mbit/s
95th percentile per-packet one-way delay: 27.809 ms
Loss rate: 0.09%
```

Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

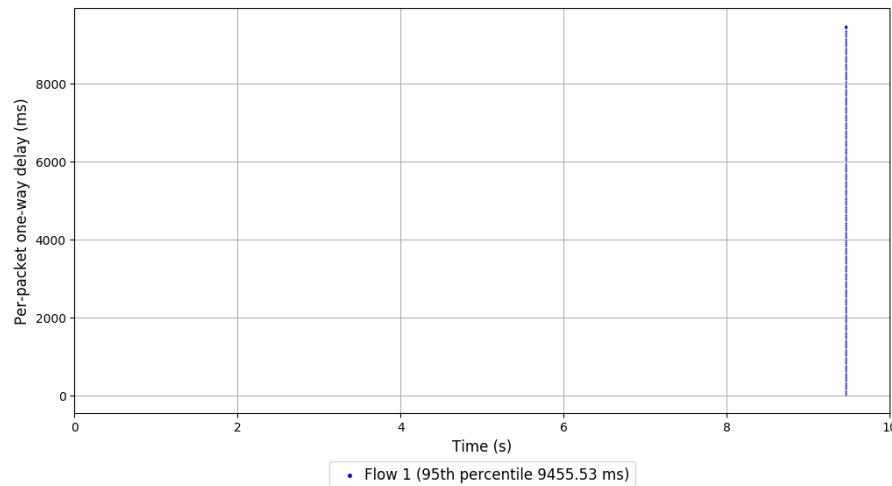
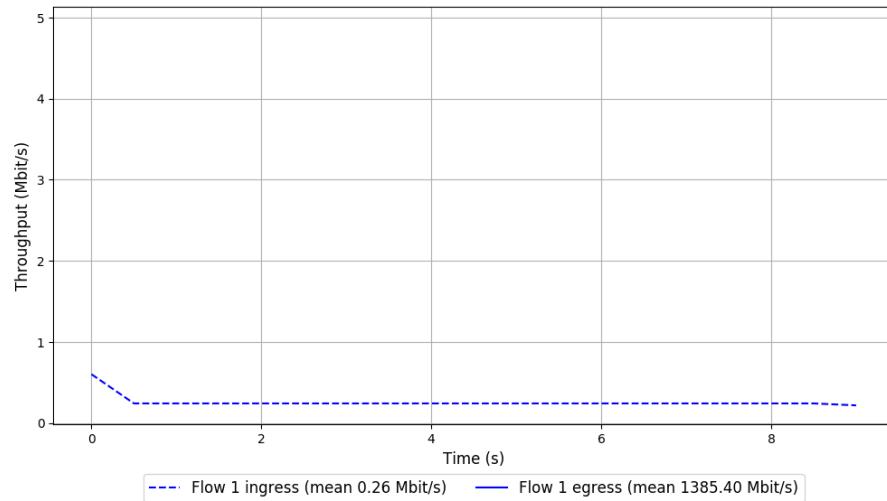
Start at: 2017-09-03 03:06:22

End at: 2017-09-03 03:06:52

Local clock offset: -1.982 ms

Remote clock offset: -6.221 ms

Run 8: Report of CalibratedKoho — Data Link

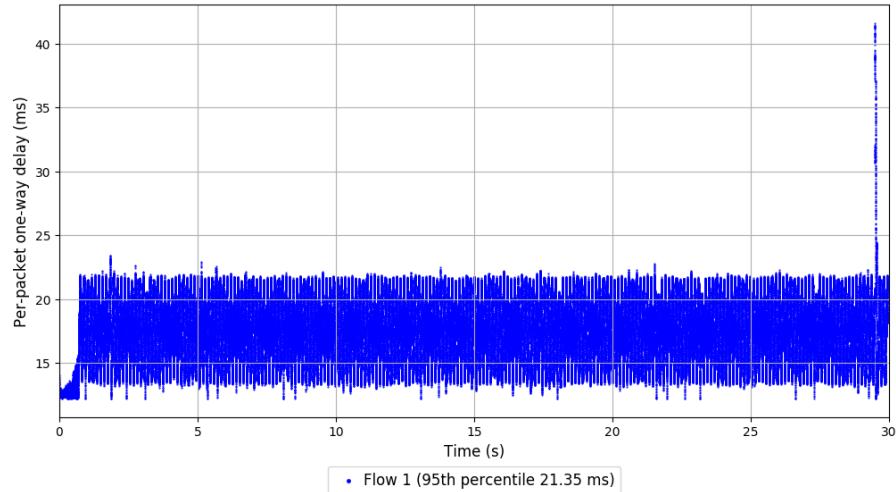
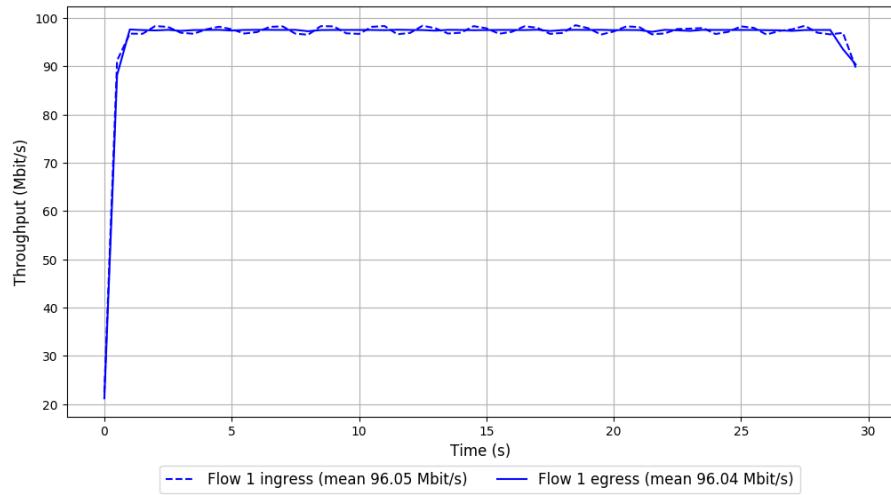


```
Run 9: Statistics of CalibratedKoho
```

```
Start at: 2017-09-03 03:24:05
End at: 2017-09-03 03:24:35
Local clock offset: -2.466 ms
Remote clock offset: -4.599 ms

# Below is generated by plot.py at 2017-09-03 07:23:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.04 Mbit/s
95th percentile per-packet one-way delay: 21.352 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 96.04 Mbit/s
95th percentile per-packet one-way delay: 21.352 ms
Loss rate: 0.09%
```

Run 9: Report of CalibratedKoho — Data Link

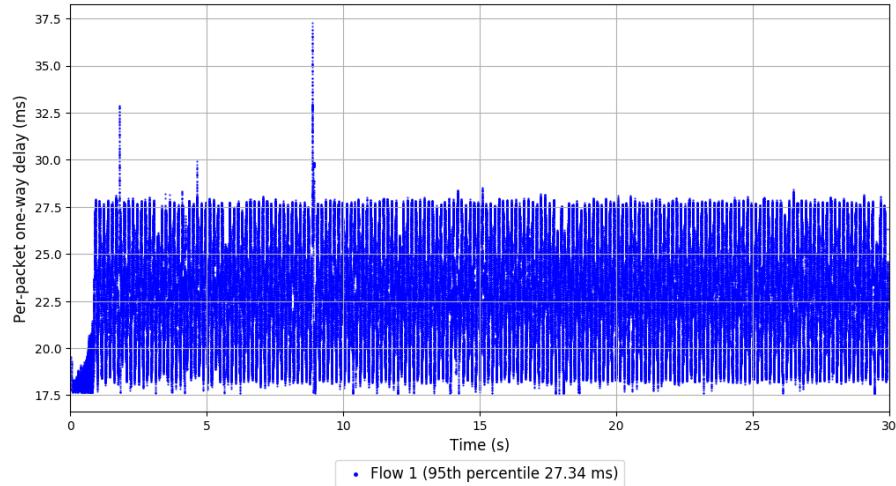
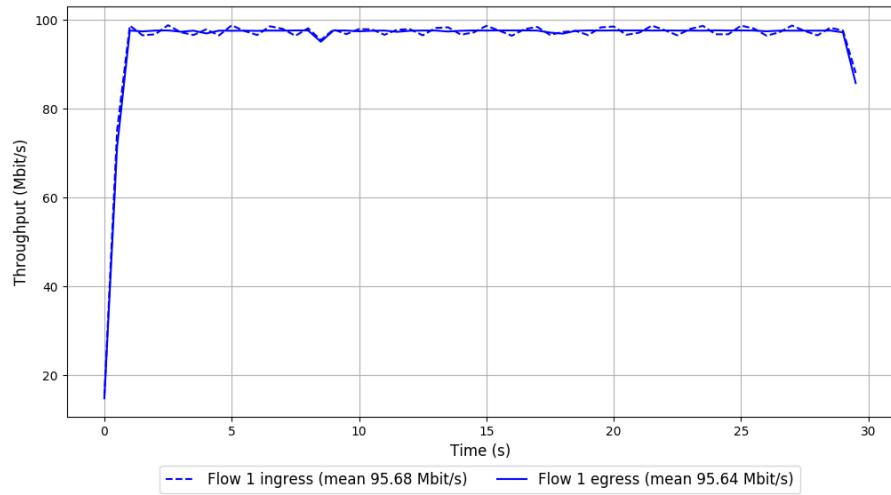


```
Run 10: Statistics of CalibratedKoho
```

```
Start at: 2017-09-03 03:42:11
End at: 2017-09-03 03:42:41
Local clock offset: 2.014 ms
Remote clock offset: -5.536 ms

# Below is generated by plot.py at 2017-09-03 07:23:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.64 Mbit/s
95th percentile per-packet one-way delay: 27.336 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 95.64 Mbit/s
95th percentile per-packet one-way delay: 27.336 ms
Loss rate: 0.12%
```

Run 10: Report of CalibratedKoho — Data Link

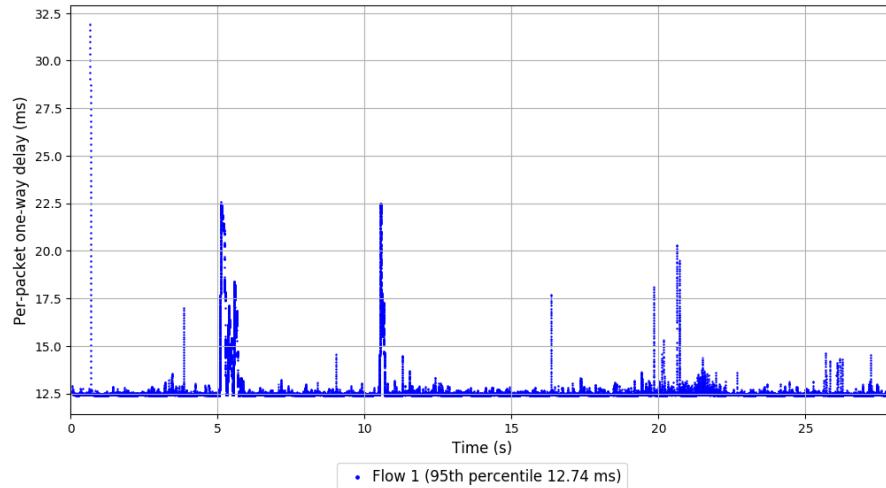
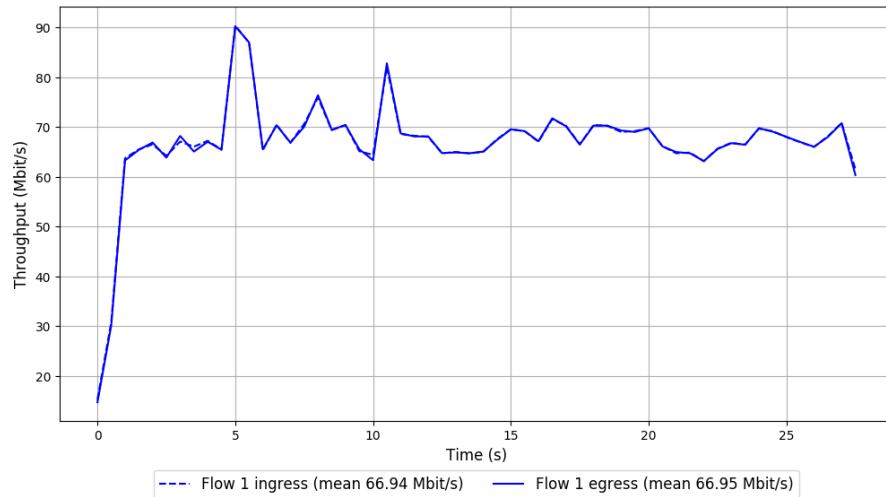


Run 1: Statistics of Copa

```
Start at: 2017-09-03 00:59:38
End at: 2017-09-03 01:00:08
Local clock offset: 0.329 ms
Remote clock offset: -2.101 ms

# Below is generated by plot.py at 2017-09-03 07:23:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.95 Mbit/s
95th percentile per-packet one-way delay: 12.741 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 66.95 Mbit/s
95th percentile per-packet one-way delay: 12.741 ms
Loss rate: 0.08%
```

Run 1: Report of Copa — Data Link

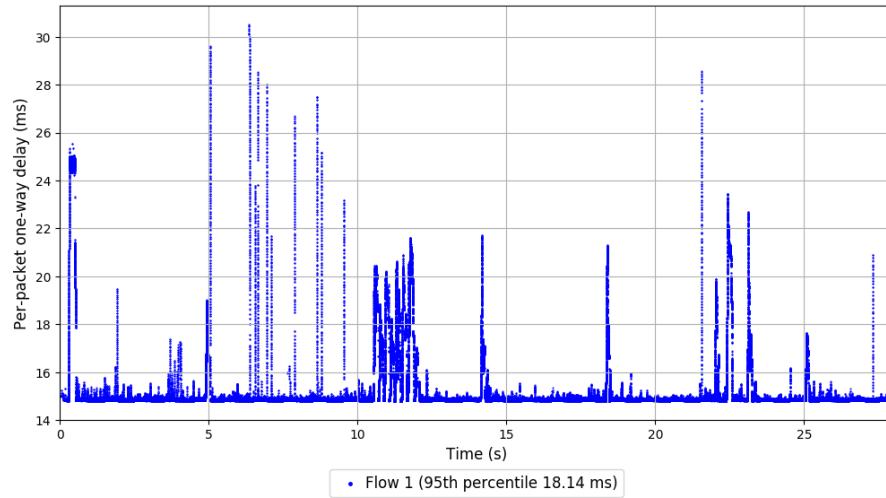
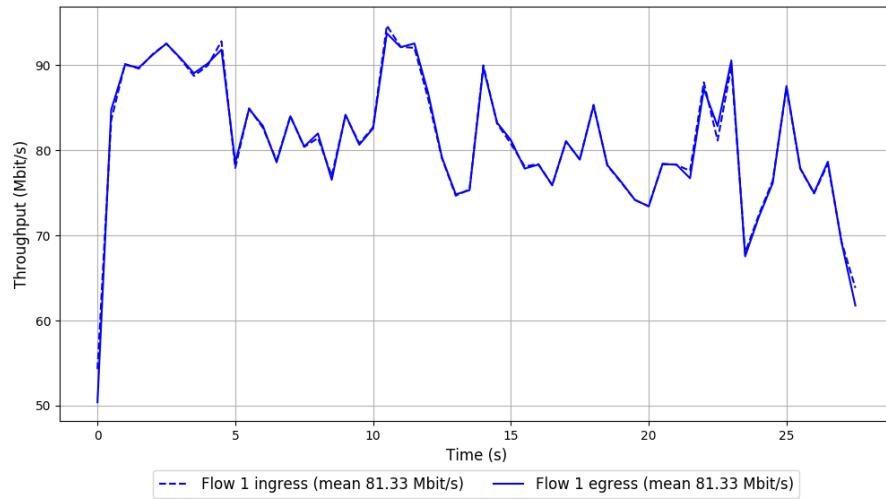


Run 2: Statistics of Copa

```
Start at: 2017-09-03 01:17:00
End at: 2017-09-03 01:17:30
Local clock offset: 0.053 ms
Remote clock offset: -4.906 ms

# Below is generated by plot.py at 2017-09-03 07:24:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.33 Mbit/s
95th percentile per-packet one-way delay: 18.139 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 81.33 Mbit/s
95th percentile per-packet one-way delay: 18.139 ms
Loss rate: 0.09%
```

Run 2: Report of Copa — Data Link

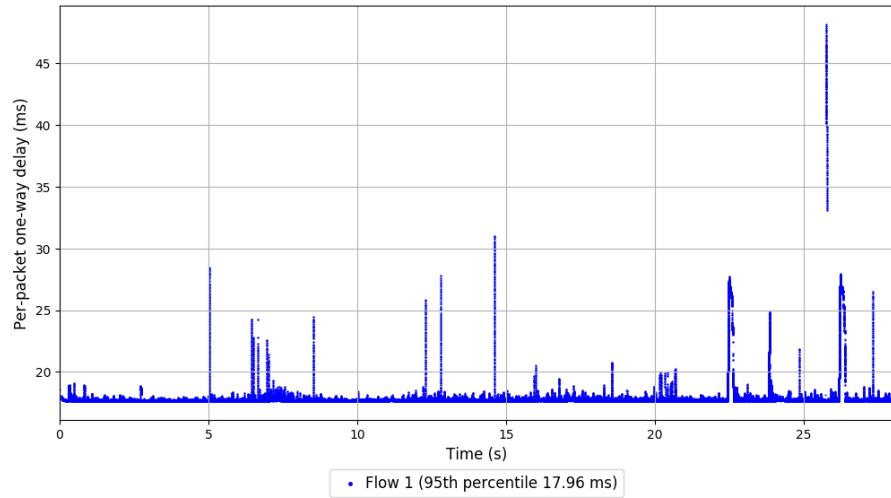
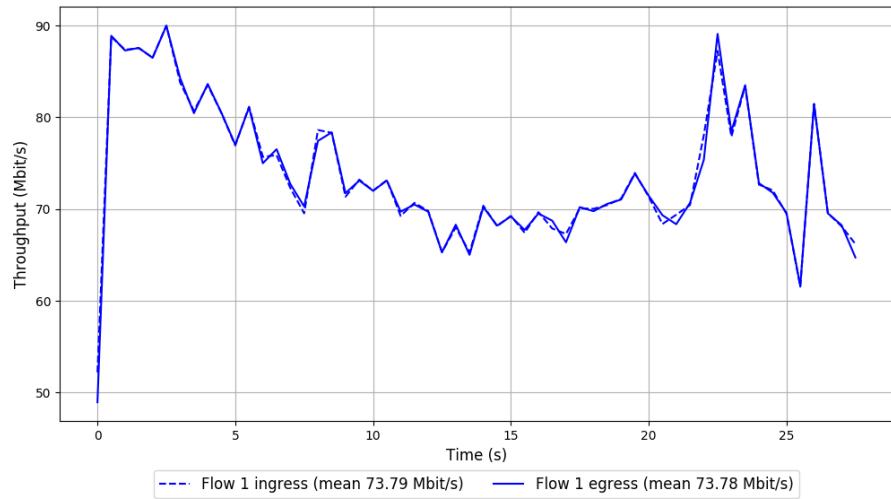


Run 3: Statistics of Copa

```
Start at: 2017-09-03 01:34:52
End at: 2017-09-03 01:35:22
Local clock offset: 0.125 ms
Remote clock offset: -7.647 ms

# Below is generated by plot.py at 2017-09-03 07:24:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.78 Mbit/s
95th percentile per-packet one-way delay: 17.958 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 73.78 Mbit/s
95th percentile per-packet one-way delay: 17.958 ms
Loss rate: 0.09%
```

Run 3: Report of Copa — Data Link

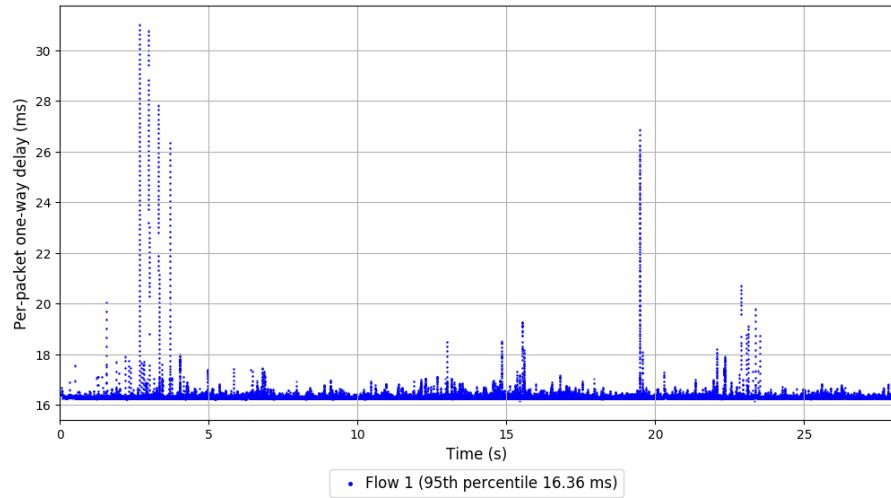
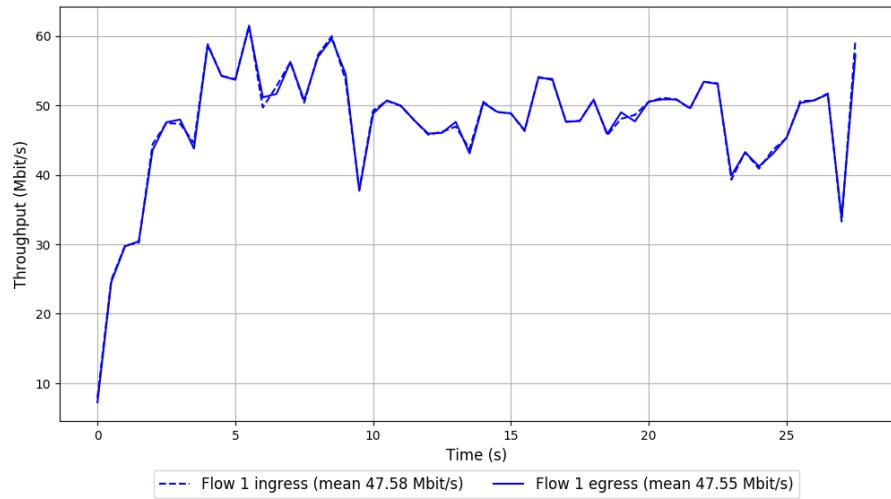


Run 4: Statistics of Copa

```
Start at: 2017-09-03 01:52:28
End at: 2017-09-03 01:52:58
Local clock offset: 0.213 ms
Remote clock offset: -6.115 ms

# Below is generated by plot.py at 2017-09-03 07:24:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.55 Mbit/s
95th percentile per-packet one-way delay: 16.361 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 47.55 Mbit/s
95th percentile per-packet one-way delay: 16.361 ms
Loss rate: 0.13%
```

Run 4: Report of Copa — Data Link

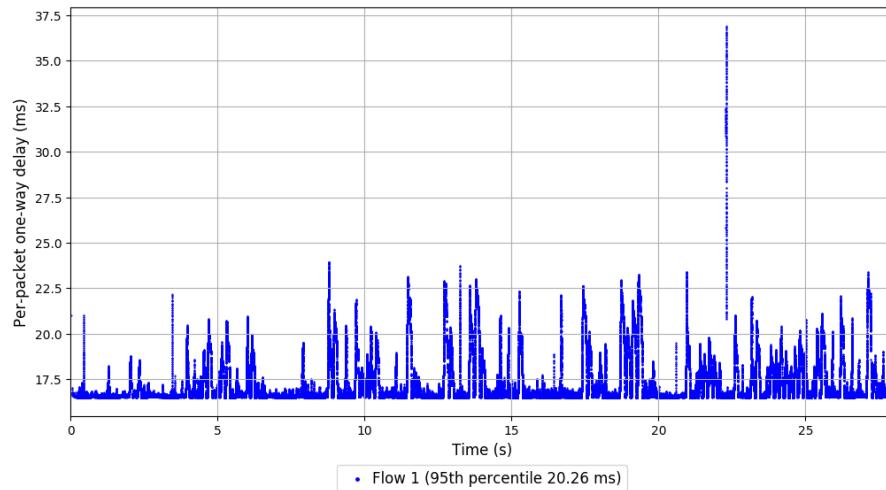
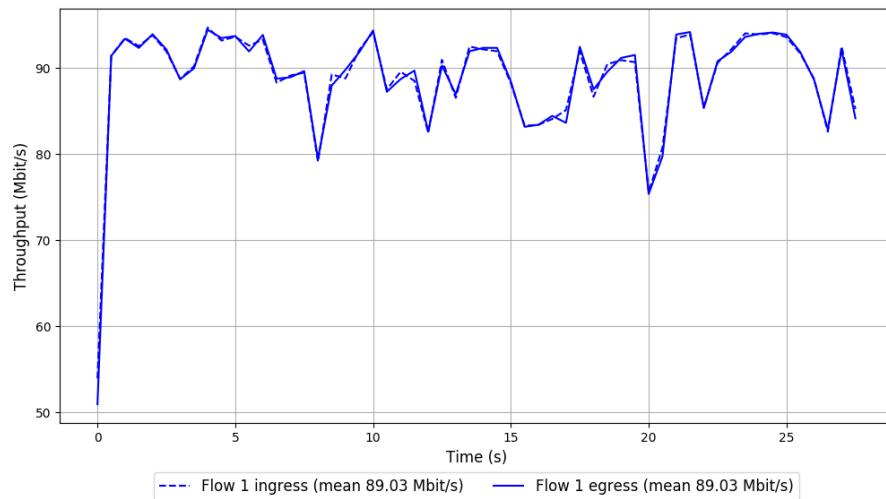


Run 5: Statistics of Copa

```
Start at: 2017-09-03 02:10:17
End at: 2017-09-03 02:10:47
Local clock offset: 0.129 ms
Remote clock offset: -6.385 ms

# Below is generated by plot.py at 2017-09-03 07:24:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.03 Mbit/s
95th percentile per-packet one-way delay: 20.258 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 89.03 Mbit/s
95th percentile per-packet one-way delay: 20.258 ms
Loss rate: 0.08%
```

Run 5: Report of Copa — Data Link

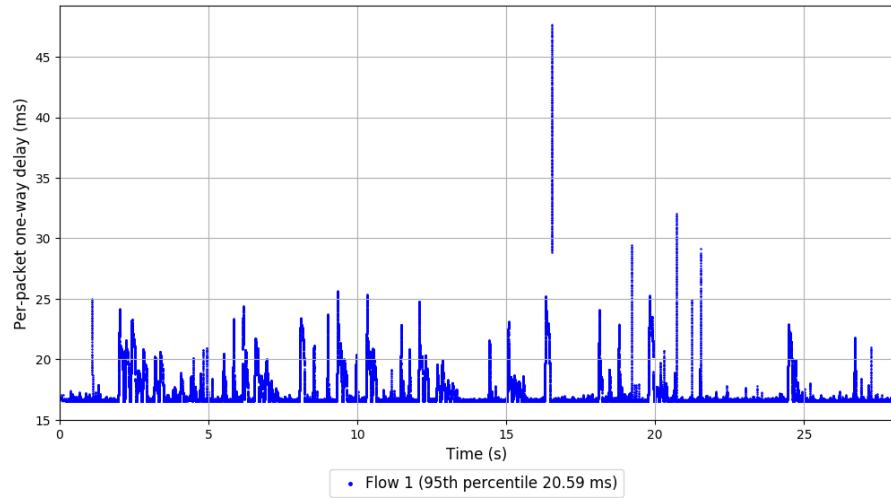
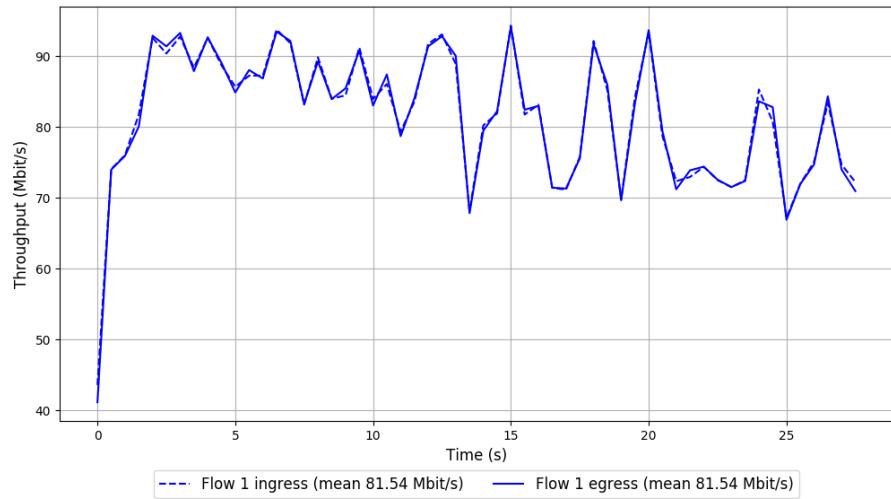


Run 6: Statistics of Copa

```
Start at: 2017-09-03 02:28:07
End at: 2017-09-03 02:28:37
Local clock offset: -0.973 ms
Remote clock offset: -7.491 ms

# Below is generated by plot.py at 2017-09-03 07:24:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.54 Mbit/s
95th percentile per-packet one-way delay: 20.586 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 81.54 Mbit/s
95th percentile per-packet one-way delay: 20.586 ms
Loss rate: 0.08%
```

Run 6: Report of Copa — Data Link

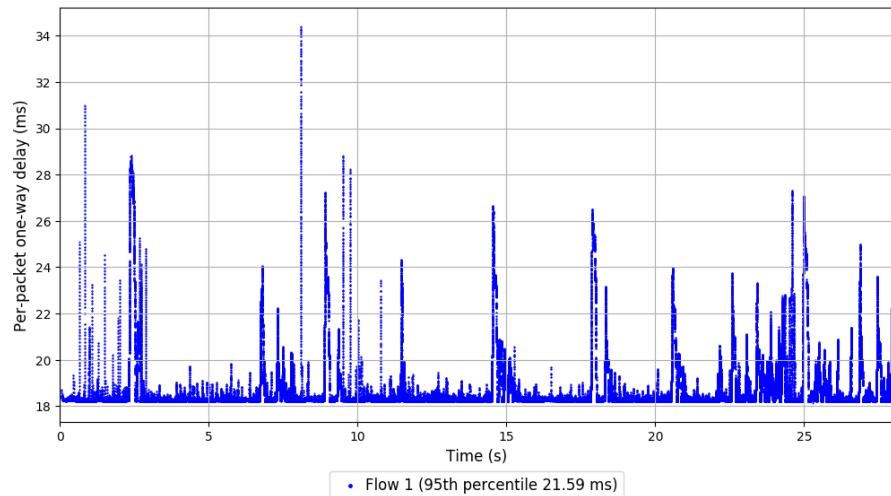
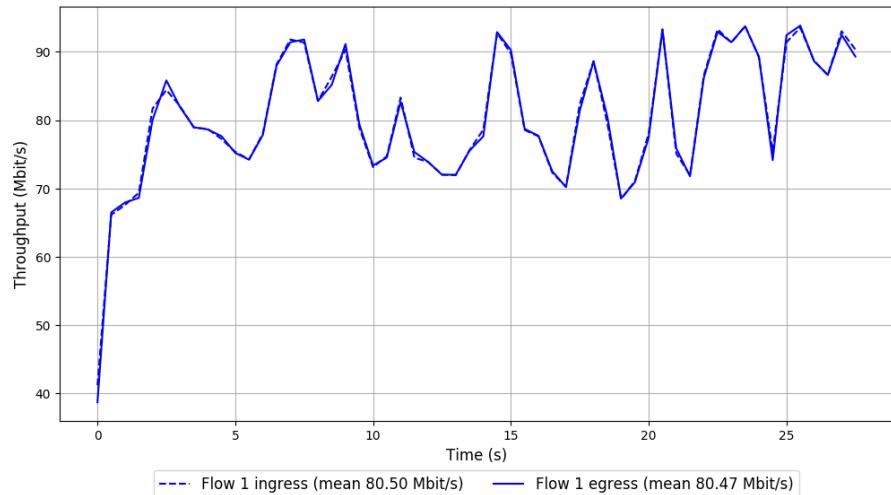


Run 7: Statistics of Copa

```
Start at: 2017-09-03 02:45:57
End at: 2017-09-03 02:46:27
Local clock offset: 2.108 ms
Remote clock offset: -6.042 ms

# Below is generated by plot.py at 2017-09-03 07:24:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.47 Mbit/s
95th percentile per-packet one-way delay: 21.595 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 80.47 Mbit/s
95th percentile per-packet one-way delay: 21.595 ms
Loss rate: 0.11%
```

Run 7: Report of Copa — Data Link

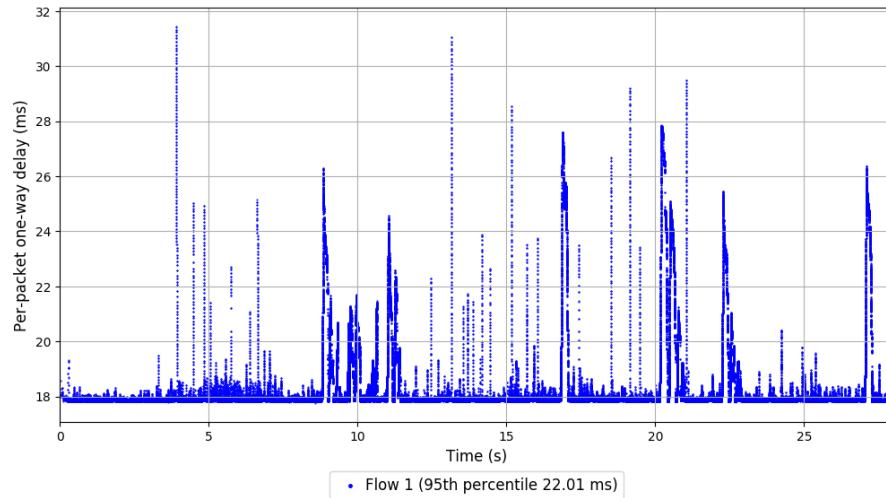
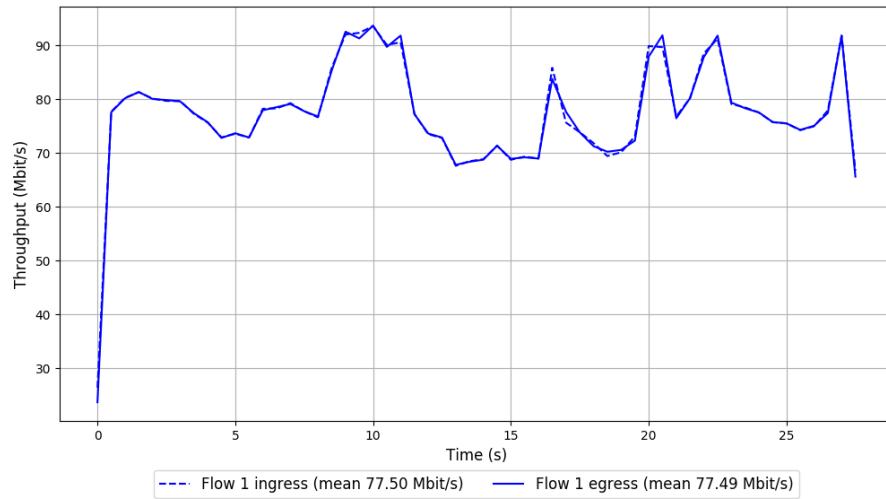


Run 8: Statistics of Copa

```
Start at: 2017-09-03 03:03:54
End at: 2017-09-03 03:04:24
Local clock offset: 1.468 ms
Remote clock offset: -6.279 ms

# Below is generated by plot.py at 2017-09-03 07:24:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.49 Mbit/s
95th percentile per-packet one-way delay: 22.013 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 77.49 Mbit/s
95th percentile per-packet one-way delay: 22.013 ms
Loss rate: 0.10%
```

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2017-09-03 03:21:48

End at: 2017-09-03 03:22:18

Local clock offset: -2.419 ms

Remote clock offset: -5.226 ms

Run 9: Report of Copa — Data Link

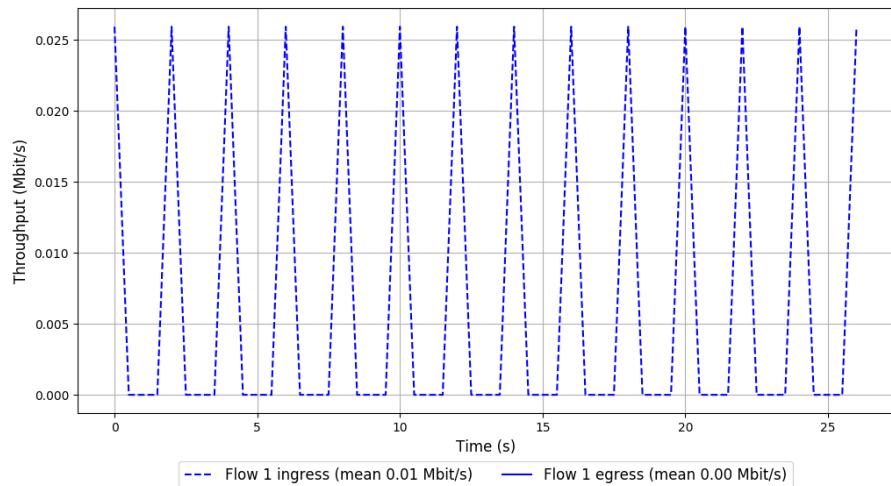


Figure is missing

Run 10: Statistics of Copa

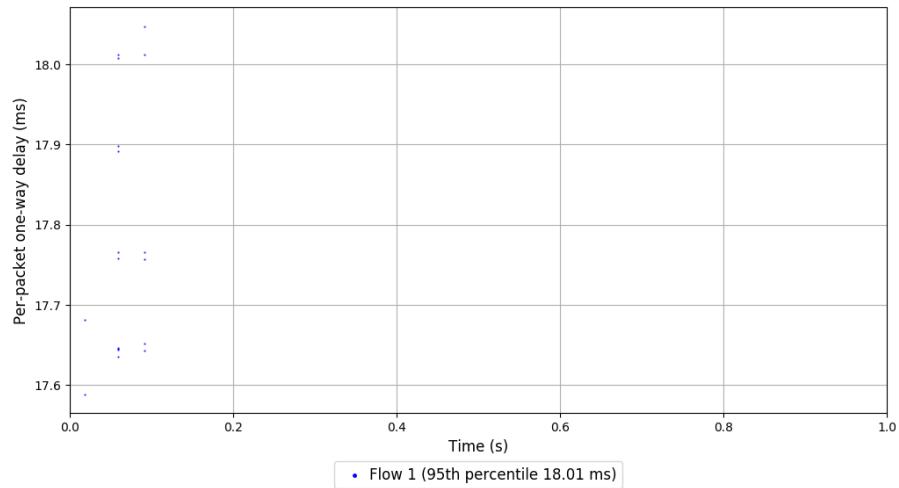
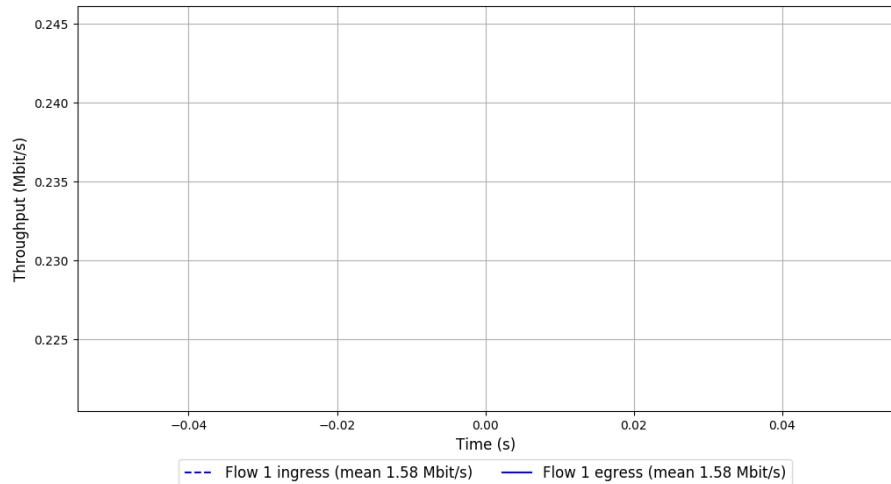
Start at: 2017-09-03 03:39:55

End at: 2017-09-03 03:40:25

Local clock offset: 1.306 ms

Remote clock offset: -6.137 ms

Run 10: Report of Copa — Data Link

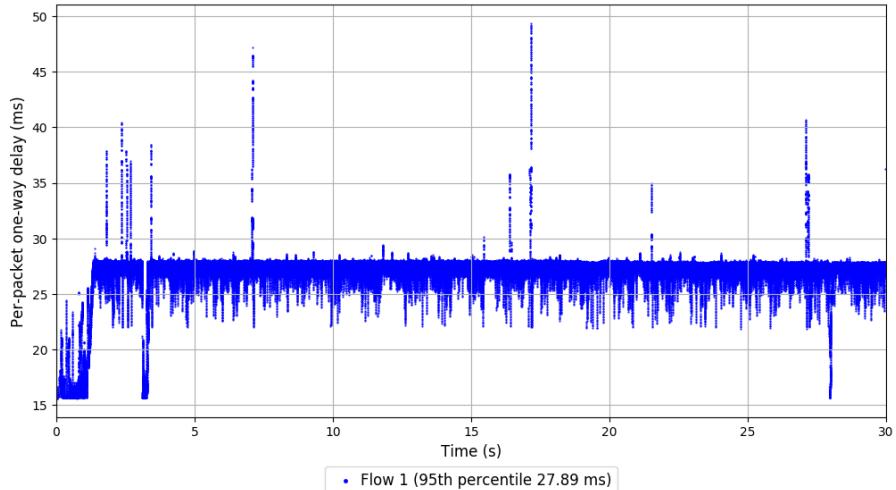
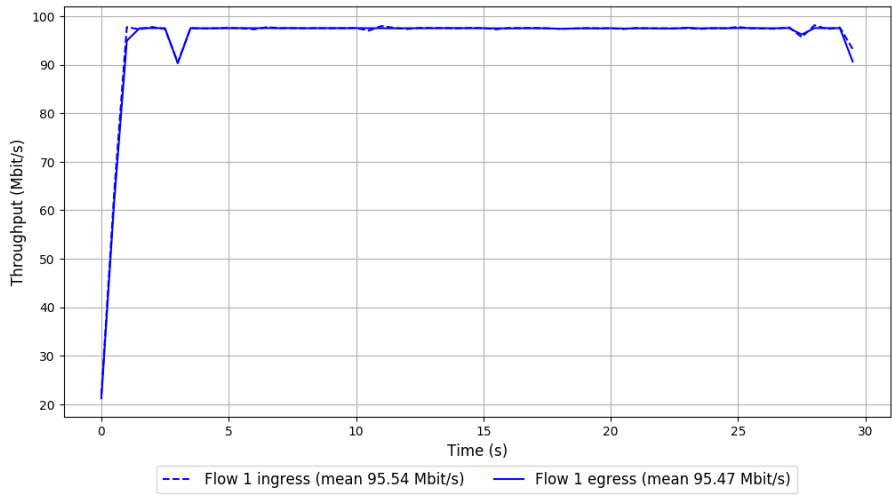


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2017-09-03 00:57:22
End at: 2017-09-03 00:57:52
Local clock offset: 1.39 ms
Remote clock offset: -4.242 ms

# Below is generated by plot.py at 2017-09-03 07:24:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.47 Mbit/s
95th percentile per-packet one-way delay: 27.895 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 95.47 Mbit/s
95th percentile per-packet one-way delay: 27.895 ms
Loss rate: 0.14%
```

Run 1: Report of TCP Cubic — Data Link

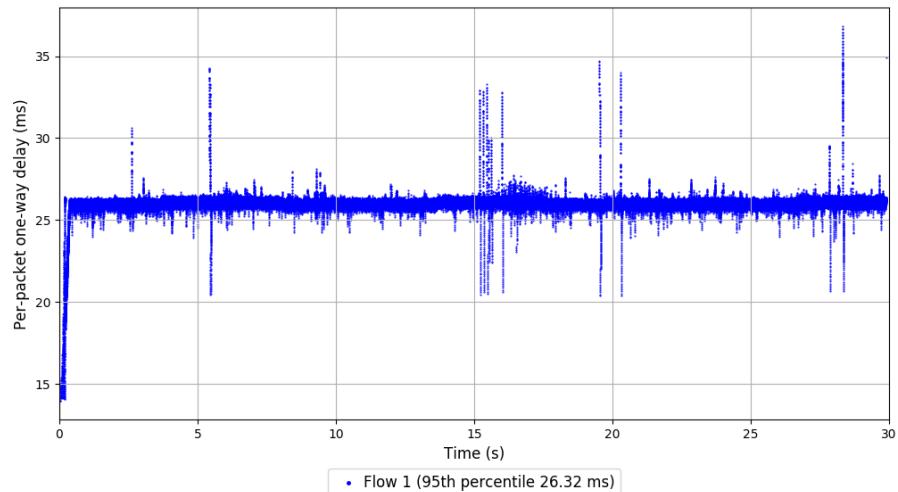
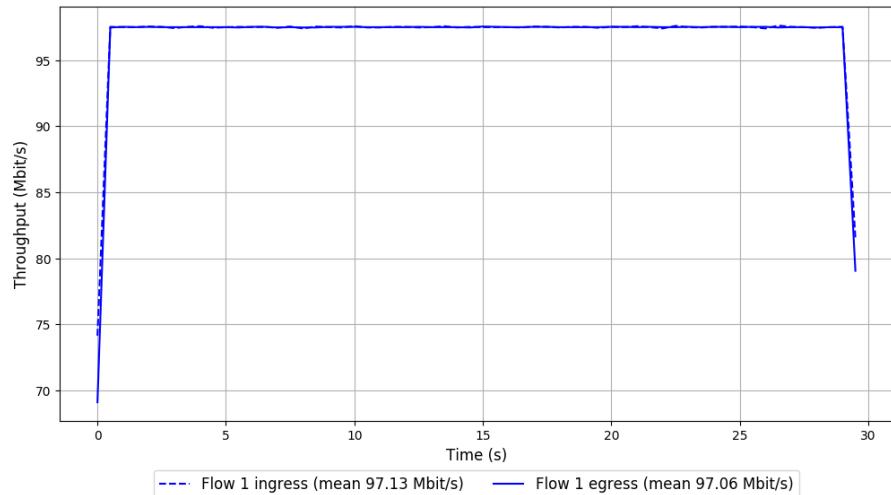


Run 2: Statistics of TCP Cubic

```
Start at: 2017-09-03 01:14:45
End at: 2017-09-03 01:15:15
Local clock offset: -0.026 ms
Remote clock offset: -4.251 ms

# Below is generated by plot.py at 2017-09-03 07:25:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.06 Mbit/s
95th percentile per-packet one-way delay: 26.324 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 97.06 Mbit/s
95th percentile per-packet one-way delay: 26.324 ms
Loss rate: 0.13%
```

Run 2: Report of TCP Cubic — Data Link

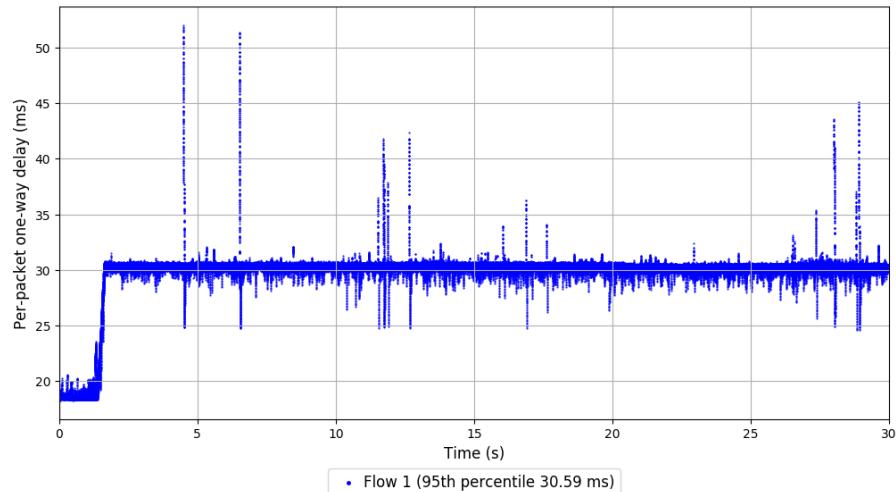
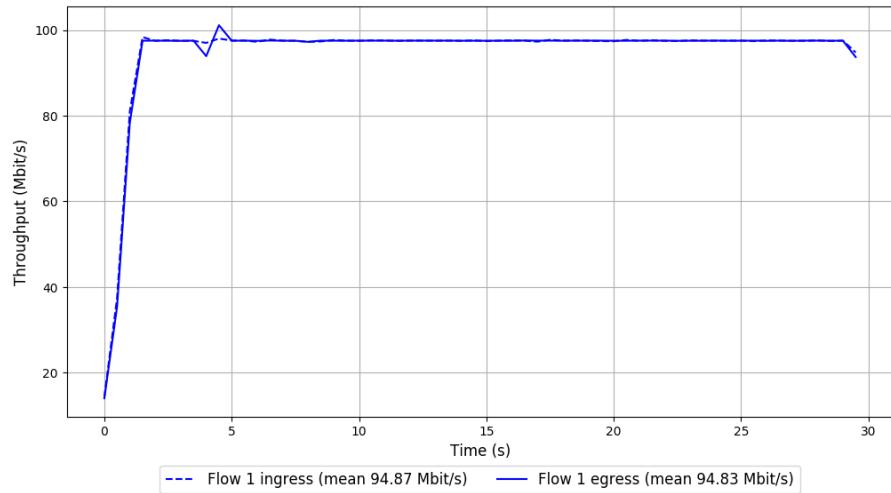


Run 3: Statistics of TCP Cubic

```
Start at: 2017-09-03 01:32:33
End at: 2017-09-03 01:33:03
Local clock offset: 1.339 ms
Remote clock offset: -7.157 ms

# Below is generated by plot.py at 2017-09-03 07:25:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.83 Mbit/s
95th percentile per-packet one-way delay: 30.592 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 94.83 Mbit/s
95th percentile per-packet one-way delay: 30.592 ms
Loss rate: 0.12%
```

Run 3: Report of TCP Cubic — Data Link

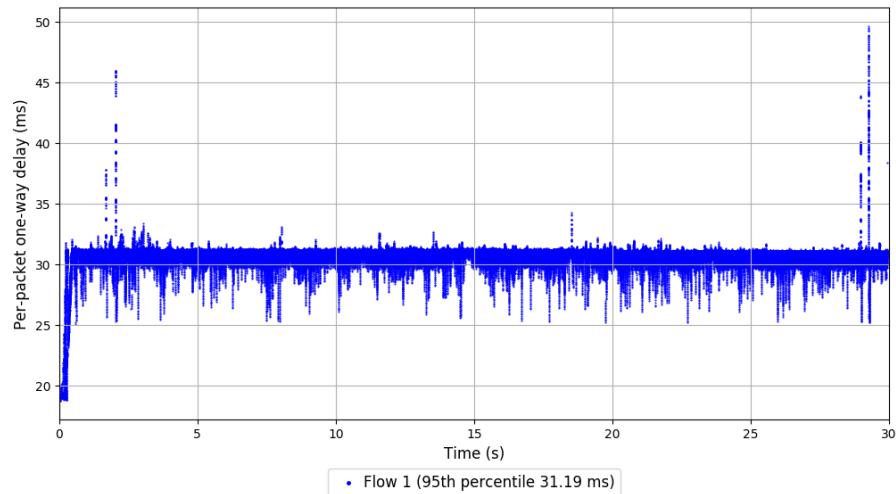
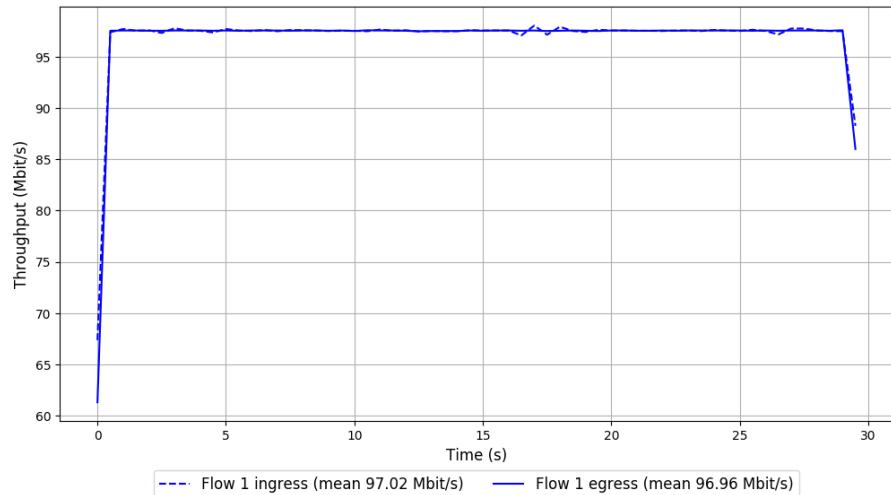


Run 4: Statistics of TCP Cubic

```
Start at: 2017-09-03 01:50:11
End at: 2017-09-03 01:50:41
Local clock offset: 1.299 ms
Remote clock offset: -7.649 ms

# Below is generated by plot.py at 2017-09-03 07:25:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.96 Mbit/s
95th percentile per-packet one-way delay: 31.189 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 96.96 Mbit/s
95th percentile per-packet one-way delay: 31.189 ms
Loss rate: 0.14%
```

Run 4: Report of TCP Cubic — Data Link

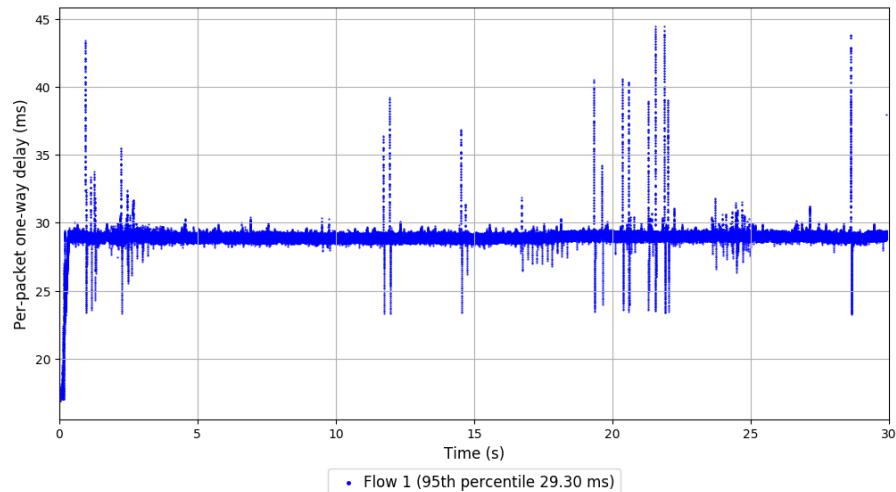
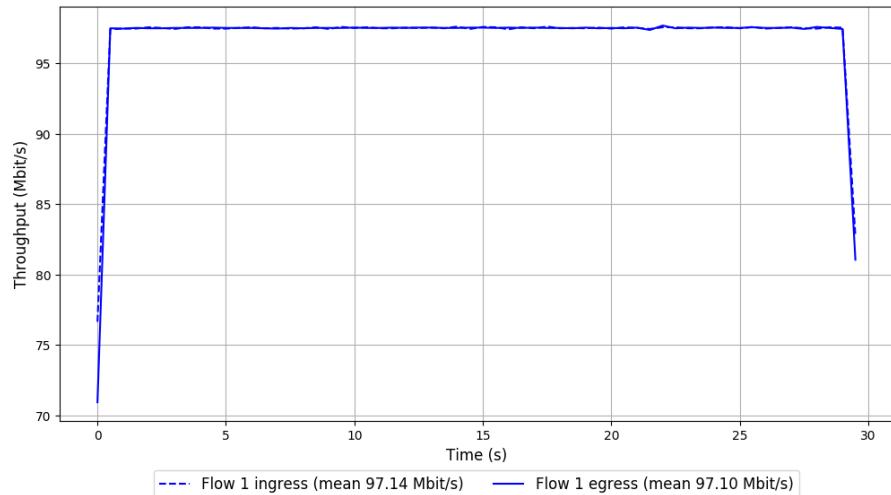


Run 5: Statistics of TCP Cubic

```
Start at: 2017-09-03 02:07:58
End at: 2017-09-03 02:08:28
Local clock offset: 0.873 ms
Remote clock offset: -6.157 ms

# Below is generated by plot.py at 2017-09-03 07:25:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 29.296 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 29.296 ms
Loss rate: 0.13%
```

Run 5: Report of TCP Cubic — Data Link

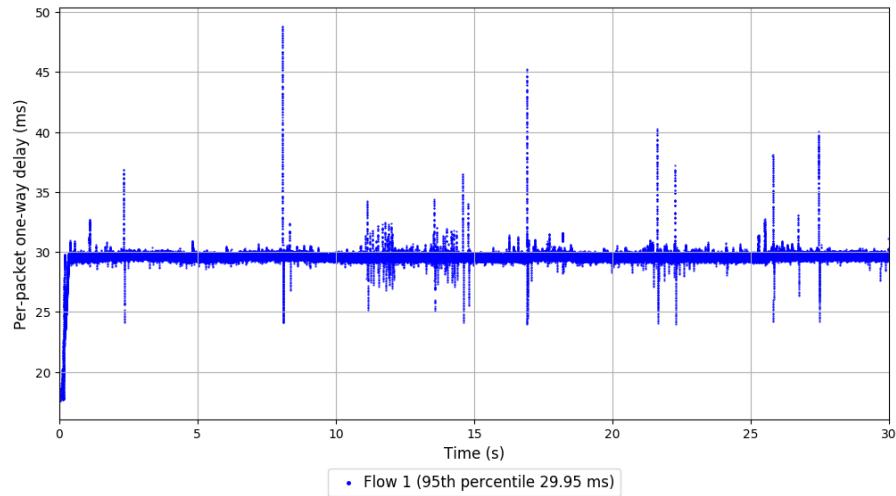
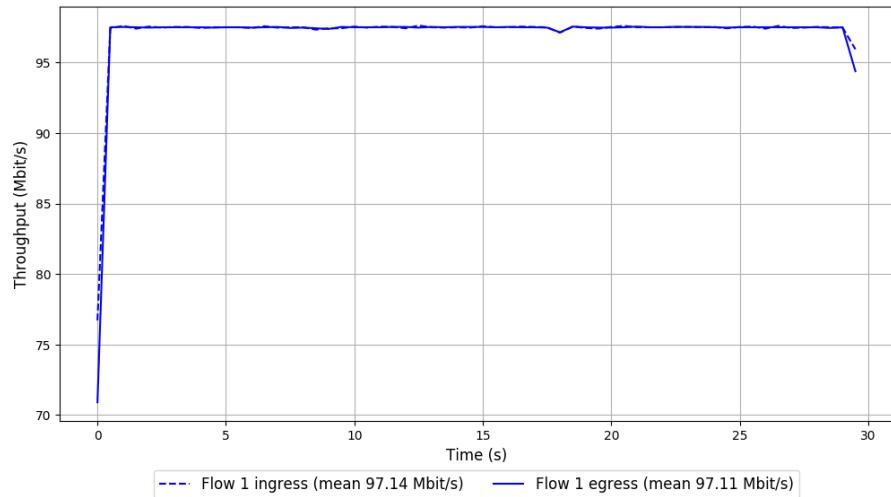


Run 6: Statistics of TCP Cubic

```
Start at: 2017-09-03 02:25:47
End at: 2017-09-03 02:26:17
Local clock offset: 1.334 ms
Remote clock offset: -6.286 ms

# Below is generated by plot.py at 2017-09-03 07:25:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 29.945 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 29.945 ms
Loss rate: 0.13%
```

Run 6: Report of TCP Cubic — Data Link

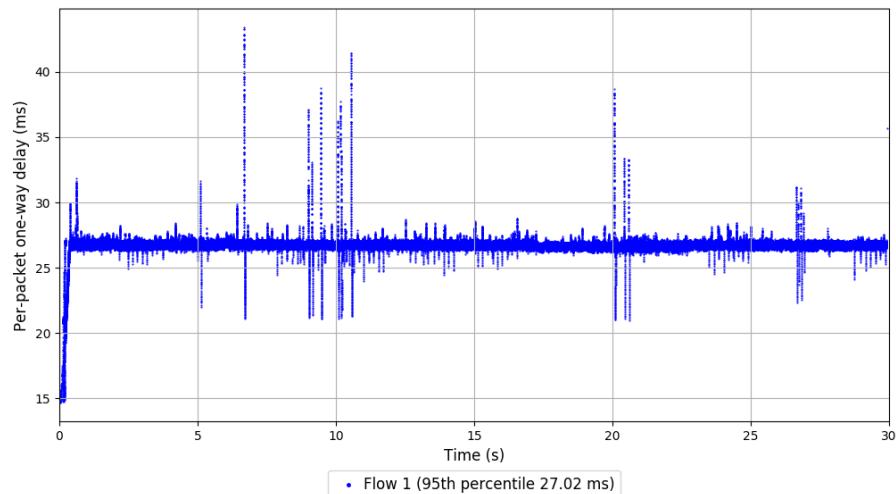
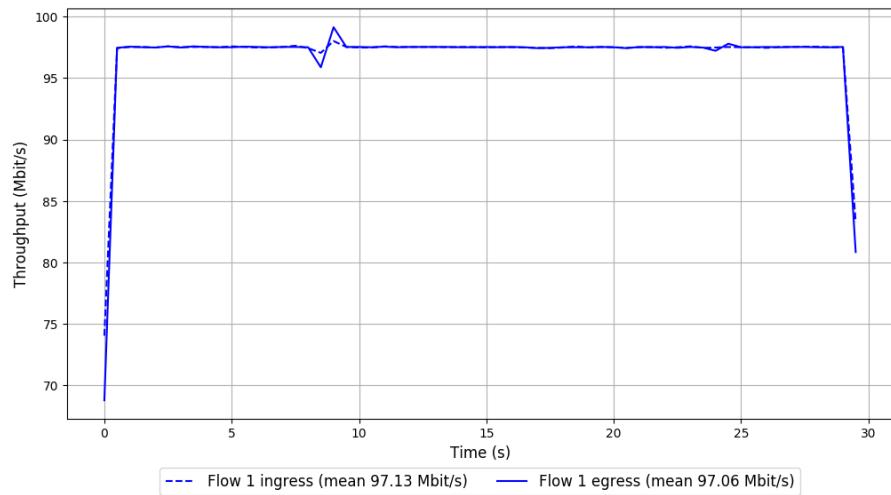


Run 7: Statistics of TCP Cubic

```
Start at: 2017-09-03 02:43:40
End at: 2017-09-03 02:44:10
Local clock offset: -2.046 ms
Remote clock offset: -6.669 ms

# Below is generated by plot.py at 2017-09-03 07:25:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.06 Mbit/s
95th percentile per-packet one-way delay: 27.025 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 97.06 Mbit/s
95th percentile per-packet one-way delay: 27.025 ms
Loss rate: 0.13%
```

Run 7: Report of TCP Cubic — Data Link

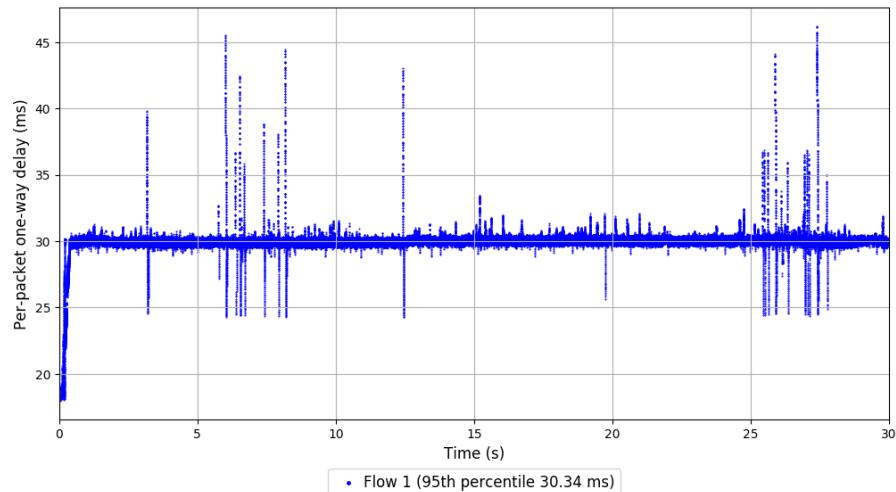
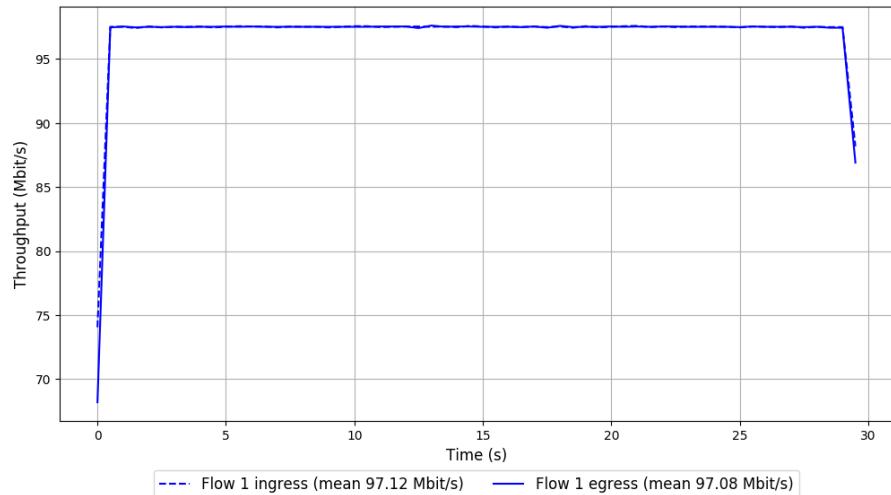


Run 8: Statistics of TCP Cubic

```
Start at: 2017-09-03 03:01:35
End at: 2017-09-03 03:02:05
Local clock offset: 1.64 ms
Remote clock offset: -6.31 ms

# Below is generated by plot.py at 2017-09-03 07:25:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 30.338 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 30.338 ms
Loss rate: 0.12%
```

Run 8: Report of TCP Cubic — Data Link

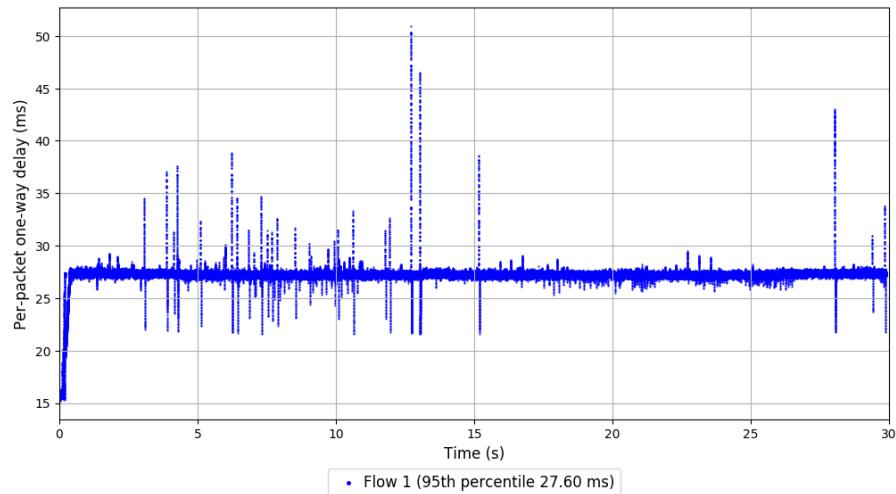
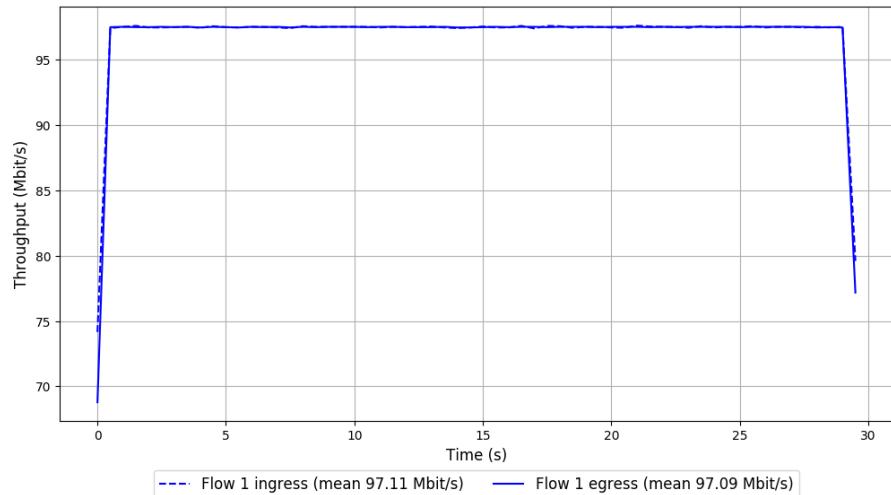


Run 9: Statistics of TCP Cubic

```
Start at: 2017-09-03 03:19:30
End at: 2017-09-03 03:20:00
Local clock offset: -0.072 ms
Remote clock offset: -5.331 ms

# Below is generated by plot.py at 2017-09-03 07:25:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 27.596 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 27.596 ms
Loss rate: 0.13%
```

Run 9: Report of TCP Cubic — Data Link

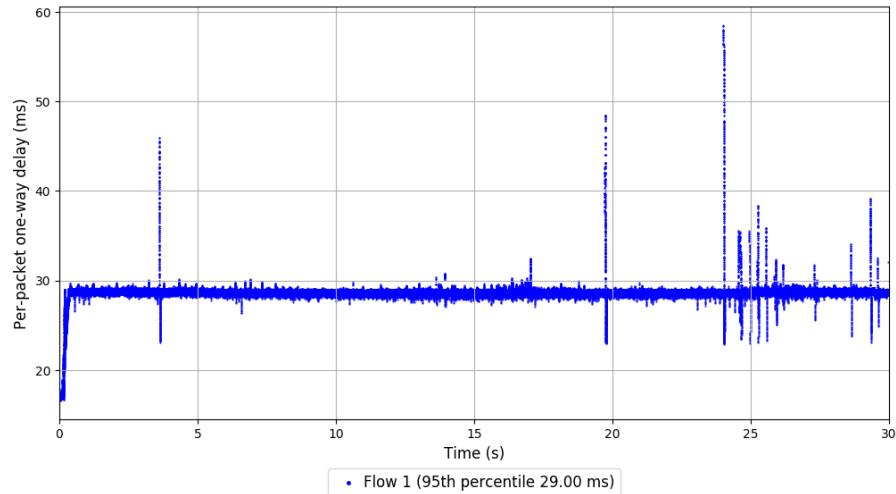
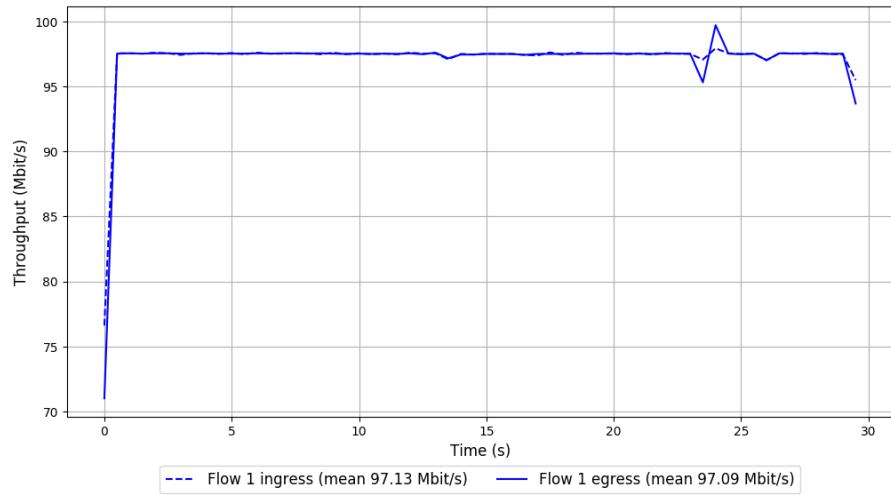


```
Run 10: Statistics of TCP Cubic
```

```
Start at: 2017-09-03 03:37:36
End at: 2017-09-03 03:38:06
Local clock offset: 0.229 ms
Remote clock offset: -6.404 ms

# Below is generated by plot.py at 2017-09-03 07:26:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 29.001 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 29.001 ms
Loss rate: 0.13%
```

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of Indigo

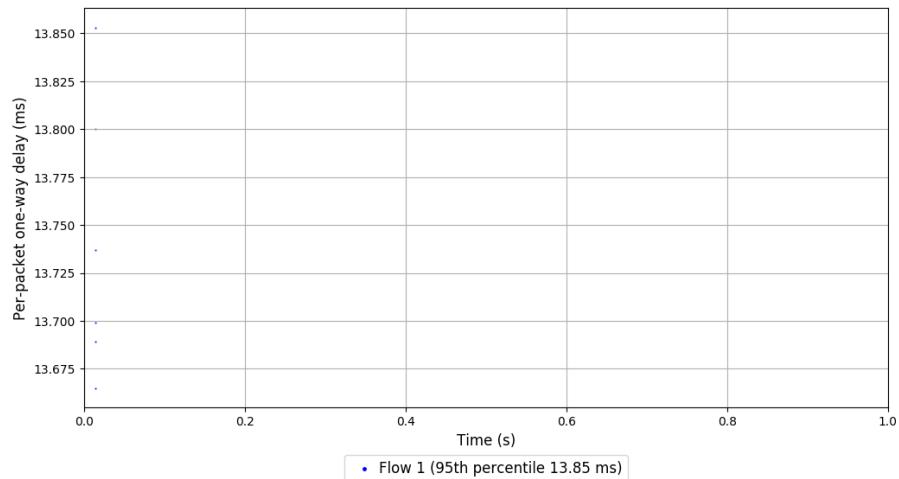
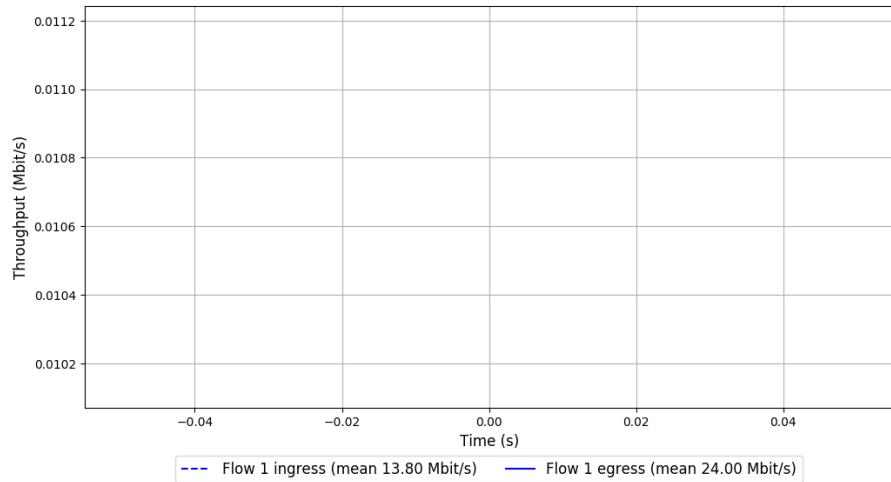
Start at: 2017-09-03 01:00:50

End at: 2017-09-03 01:01:20

Local clock offset: 1.739 ms

Remote clock offset: -2.129 ms

Run 1: Report of Indigo — Data Link

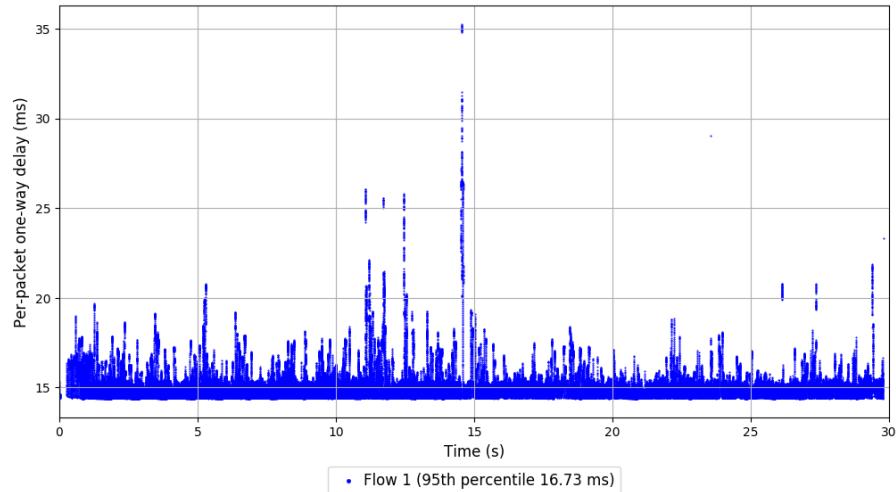
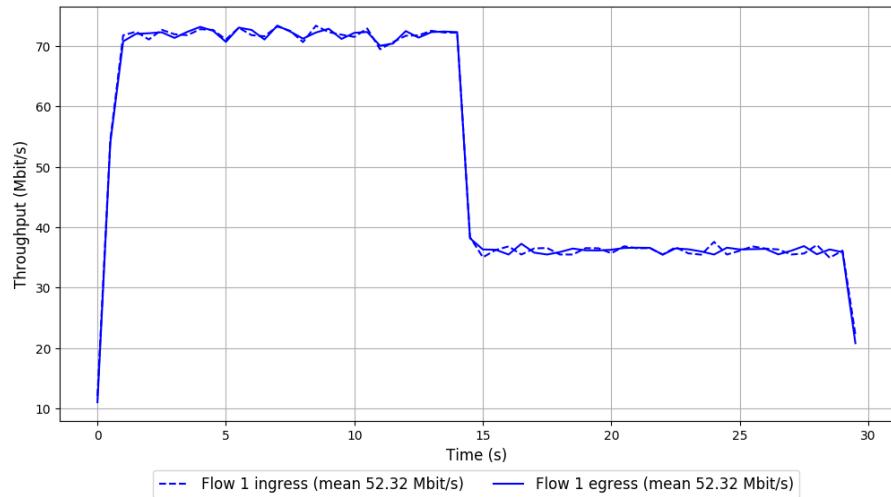


Run 2: Statistics of Indigo

```
Start at: 2017-09-03 01:18:13
End at: 2017-09-03 01:18:43
Local clock offset: -0.493 ms
Remote clock offset: -5.024 ms

# Below is generated by plot.py at 2017-09-03 07:26:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.32 Mbit/s
95th percentile per-packet one-way delay: 16.725 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 52.32 Mbit/s
95th percentile per-packet one-way delay: 16.725 ms
Loss rate: 0.07%
```

Run 2: Report of Indigo — Data Link

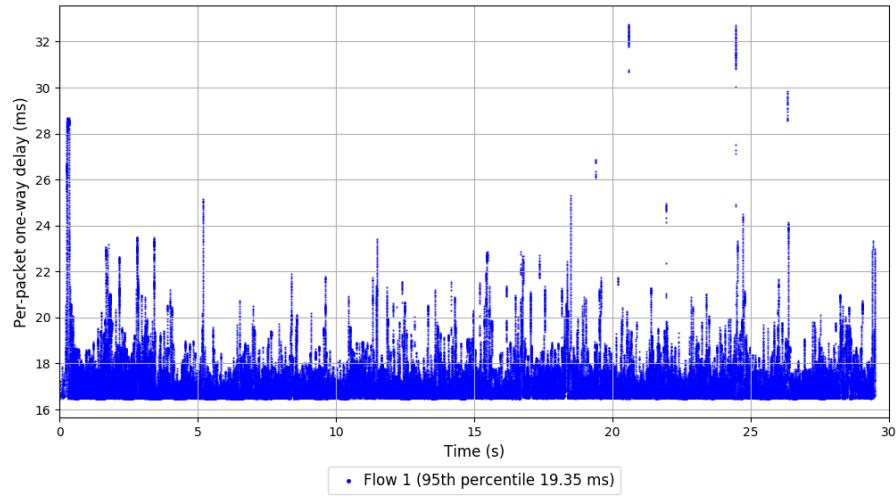
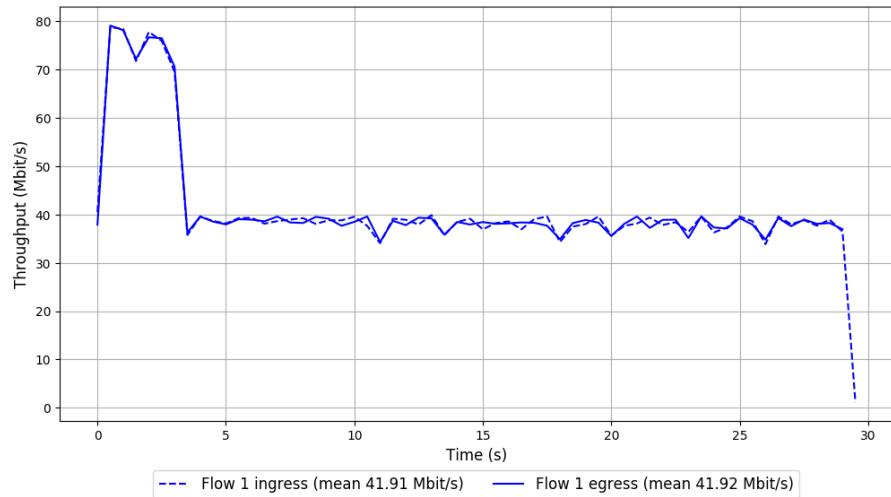


Run 3: Statistics of Indigo

```
Start at: 2017-09-03 01:36:10
End at: 2017-09-03 01:36:40
Local clock offset: -0.343 ms
Remote clock offset: -6.916 ms

# Below is generated by plot.py at 2017-09-03 07:26:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.92 Mbit/s
95th percentile per-packet one-way delay: 19.347 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 41.92 Mbit/s
95th percentile per-packet one-way delay: 19.347 ms
Loss rate: 0.11%
```

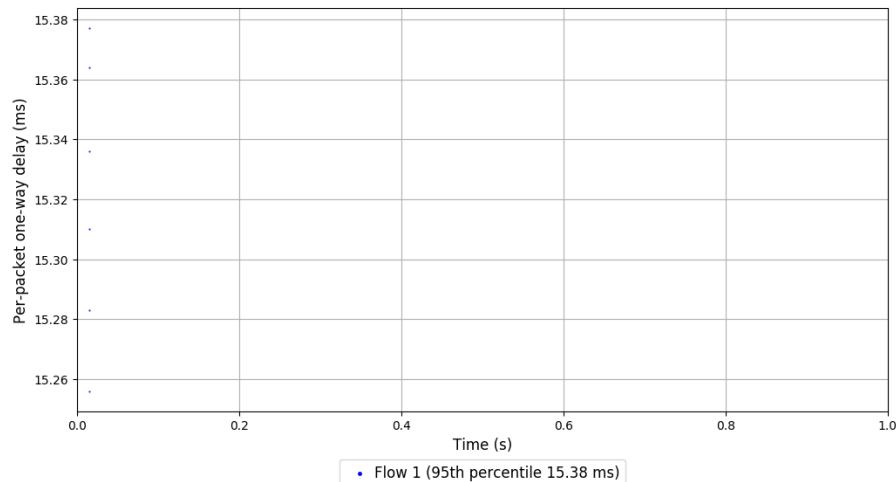
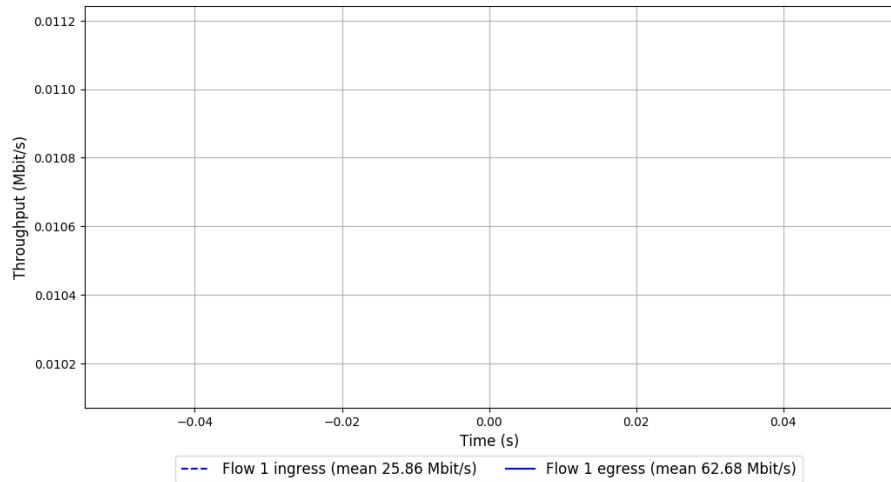
Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2017-09-03 01:53:41
End at: 2017-09-03 01:54:11
Local clock offset: -1.788 ms
Remote clock offset: -7.242 ms

Run 4: Report of Indigo — Data Link

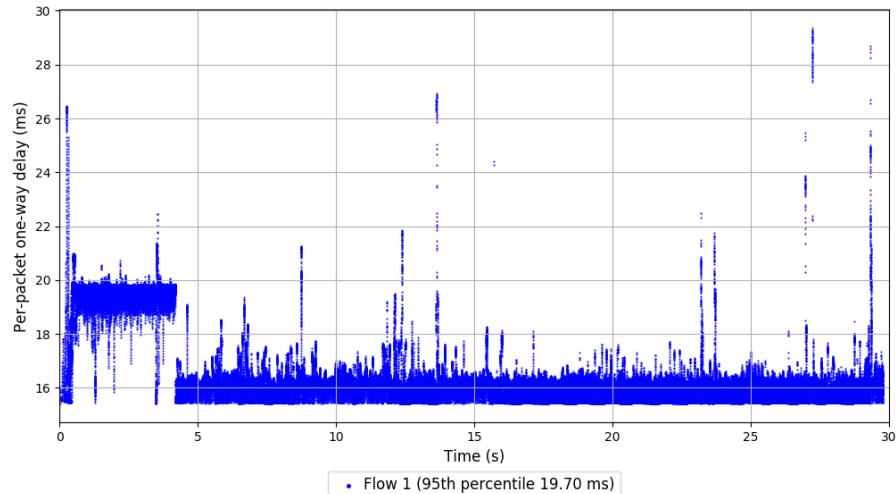
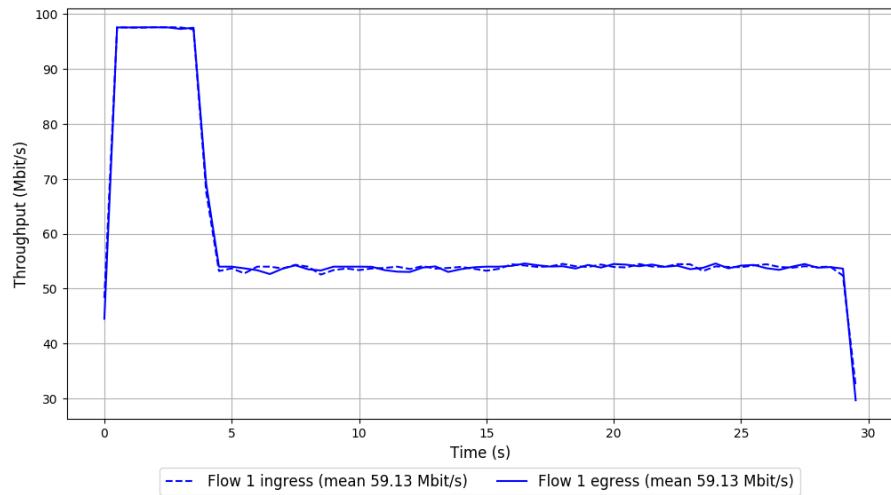


Run 5: Statistics of Indigo

```
Start at: 2017-09-03 02:11:36
End at: 2017-09-03 02:12:06
Local clock offset: -1.224 ms
Remote clock offset: -6.673 ms

# Below is generated by plot.py at 2017-09-03 07:26:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.13 Mbit/s
95th percentile per-packet one-way delay: 19.695 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.13 Mbit/s
95th percentile per-packet one-way delay: 19.695 ms
Loss rate: 0.10%
```

Run 5: Report of Indigo — Data Link

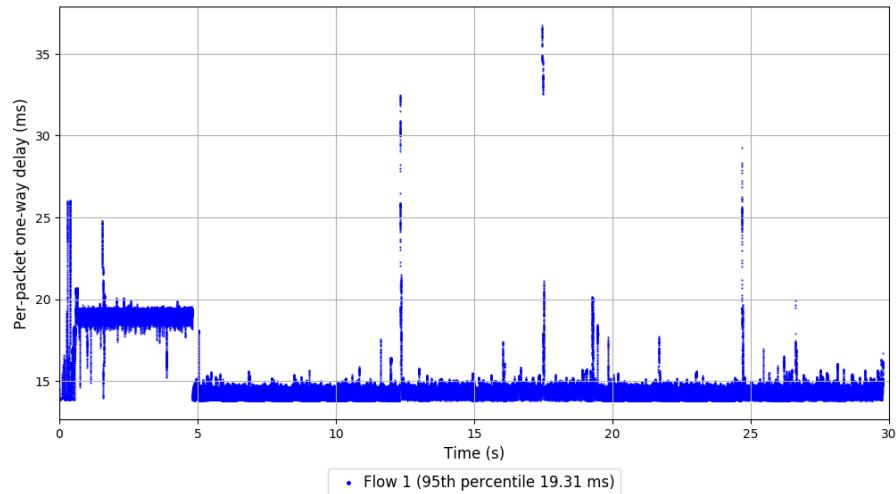
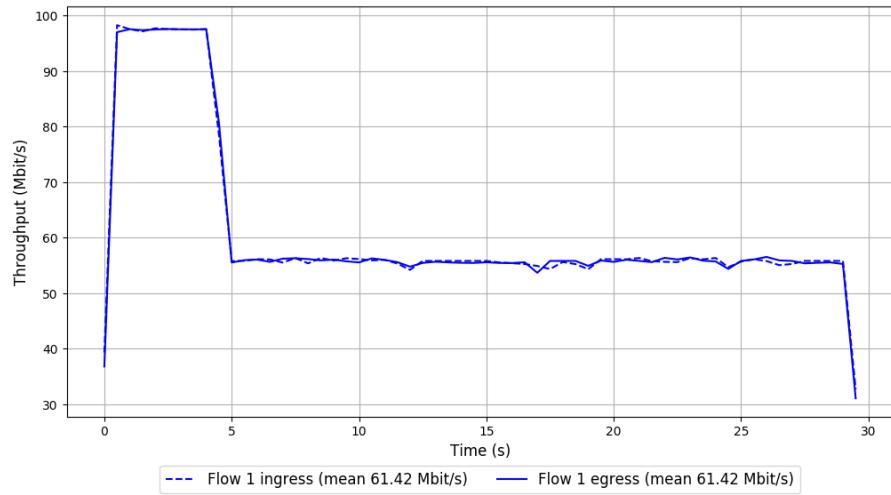


Run 6: Statistics of Indigo

```
Start at: 2017-09-03 02:29:23
End at: 2017-09-03 02:29:53
Local clock offset: -2.172 ms
Remote clock offset: -5.981 ms

# Below is generated by plot.py at 2017-09-03 07:26:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.42 Mbit/s
95th percentile per-packet one-way delay: 19.313 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 61.42 Mbit/s
95th percentile per-packet one-way delay: 19.313 ms
Loss rate: 0.09%
```

Run 6: Report of Indigo — Data Link

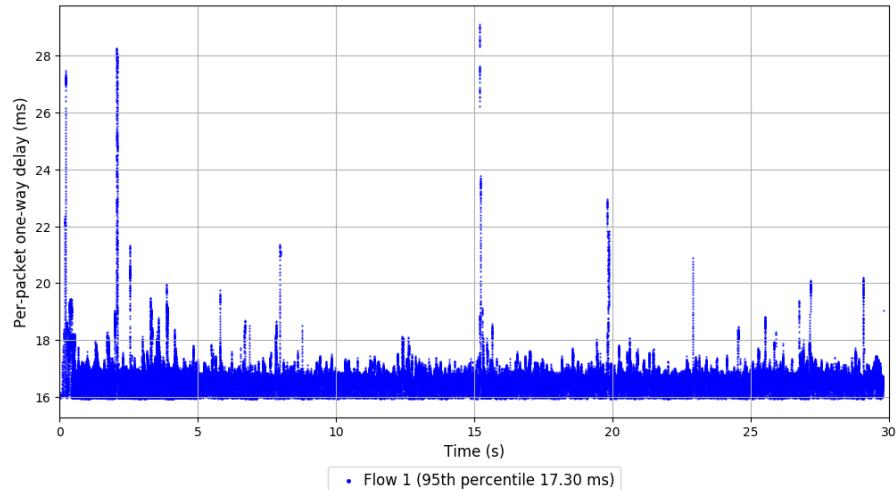
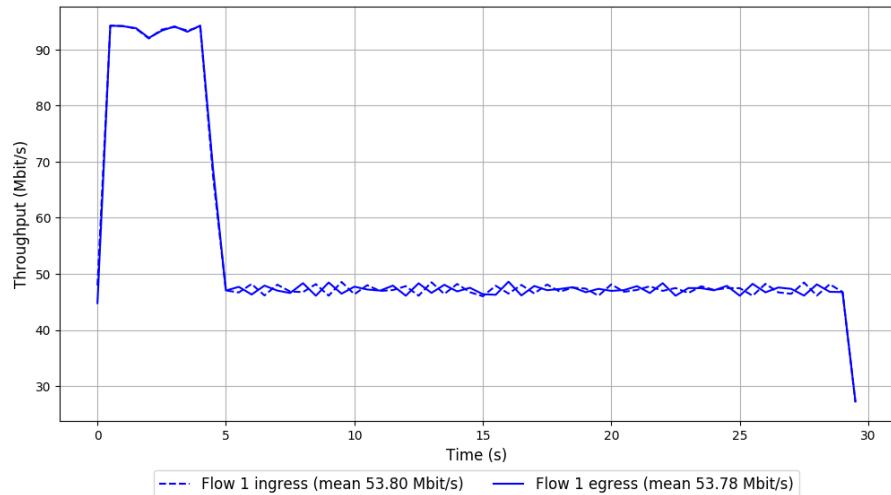


Run 7: Statistics of Indigo

```
Start at: 2017-09-03 02:47:15
End at: 2017-09-03 02:47:45
Local clock offset: -0.69 ms
Remote clock offset: -6.595 ms

# Below is generated by plot.py at 2017-09-03 07:26:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.78 Mbit/s
95th percentile per-packet one-way delay: 17.301 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 53.78 Mbit/s
95th percentile per-packet one-way delay: 17.301 ms
Loss rate: 0.06%
```

Run 7: Report of Indigo — Data Link

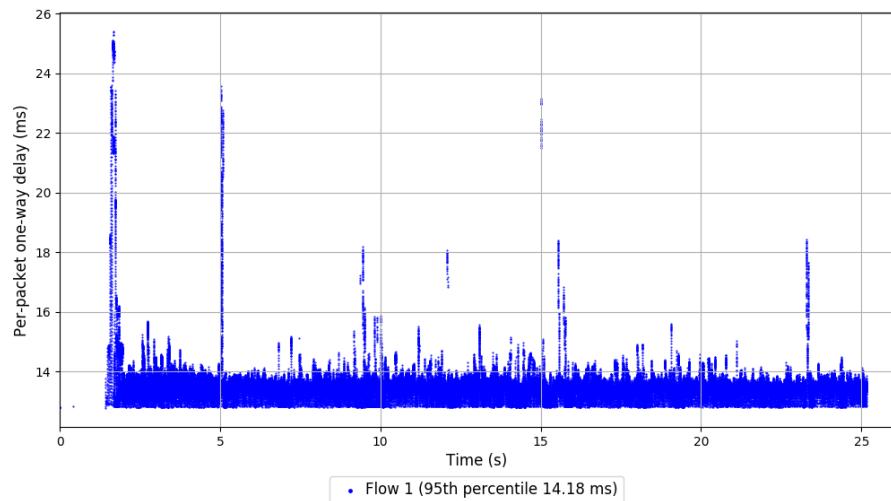
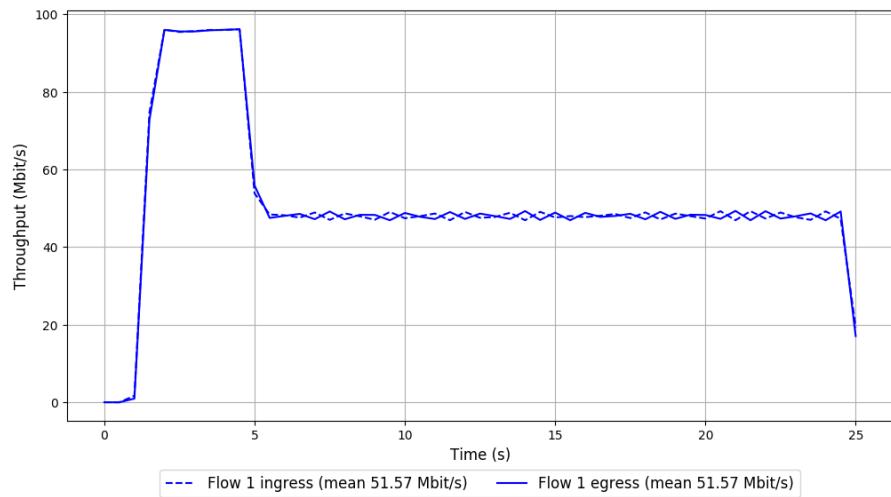


Run 8: Statistics of Indigo

```
Start at: 2017-09-03 03:05:12
End at: 2017-09-03 03:05:42
Local clock offset: -2.3 ms
Remote clock offset: -5.039 ms

# Below is generated by plot.py at 2017-09-03 07:26:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.57 Mbit/s
95th percentile per-packet one-way delay: 14.177 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 51.57 Mbit/s
95th percentile per-packet one-way delay: 14.177 ms
Loss rate: 0.11%
```

Run 8: Report of Indigo — Data Link

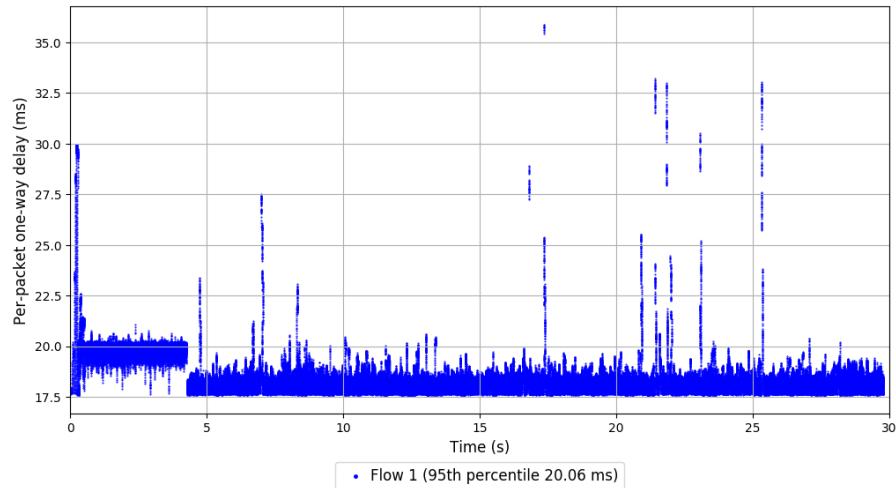
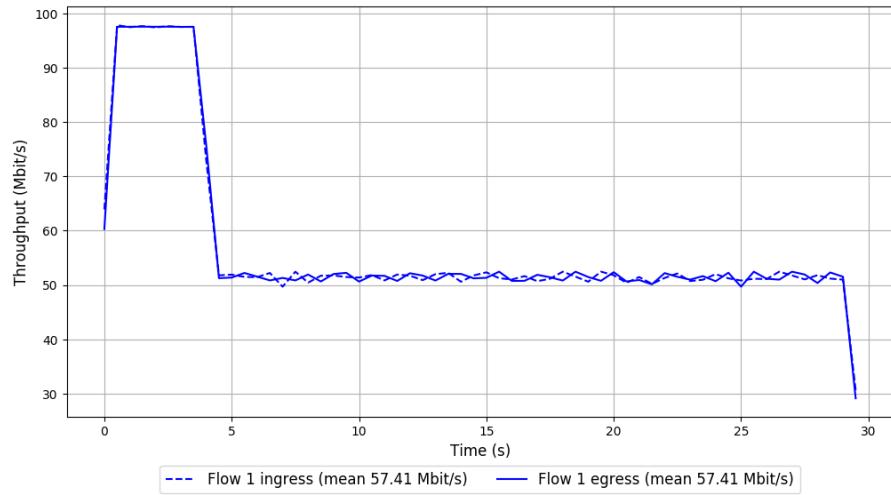


Run 9: Statistics of Indigo

```
Start at: 2017-09-03 03:22:53
End at: 2017-09-03 03:23:23
Local clock offset: 1.684 ms
Remote clock offset: -5.825 ms

# Below is generated by plot.py at 2017-09-03 07:26:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.41 Mbit/s
95th percentile per-packet one-way delay: 20.063 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 57.41 Mbit/s
95th percentile per-packet one-way delay: 20.063 ms
Loss rate: 0.07%
```

Run 9: Report of Indigo — Data Link

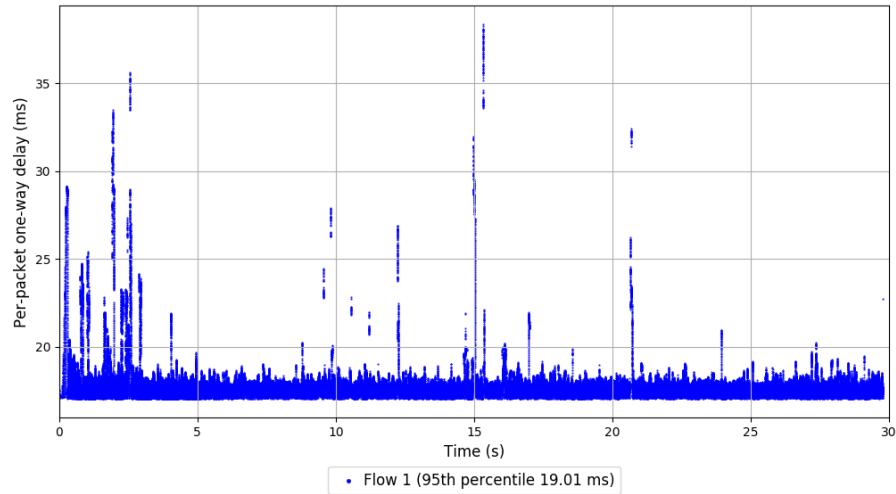
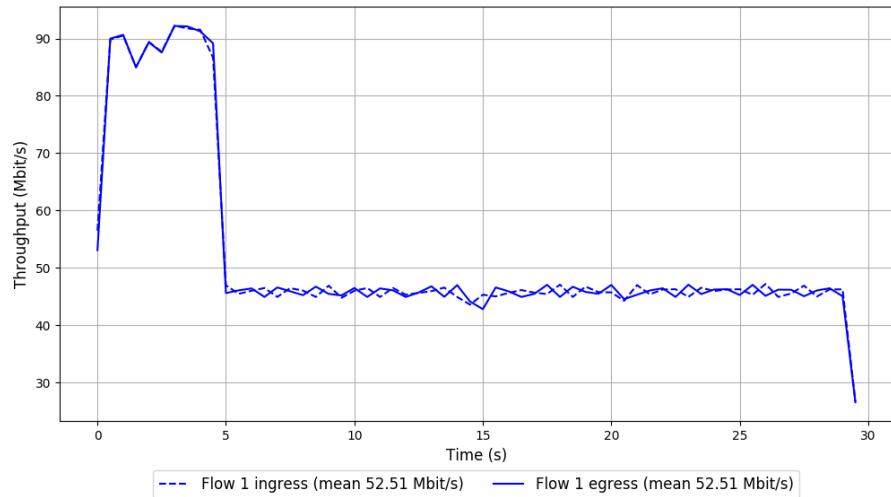


Run 10: Statistics of Indigo

```
Start at: 2017-09-03 03:40:59
End at: 2017-09-03 03:41:29
Local clock offset: 0.257 ms
Remote clock offset: -6.728 ms

# Below is generated by plot.py at 2017-09-03 07:26:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.51 Mbit/s
95th percentile per-packet one-way delay: 19.013 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 52.51 Mbit/s
95th percentile per-packet one-way delay: 19.013 ms
Loss rate: 0.08%
```

Run 10: Report of Indigo — Data Link

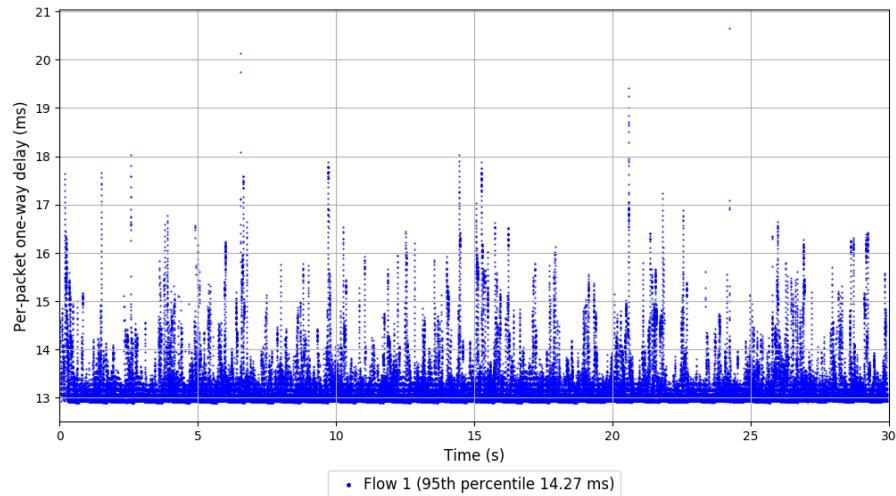
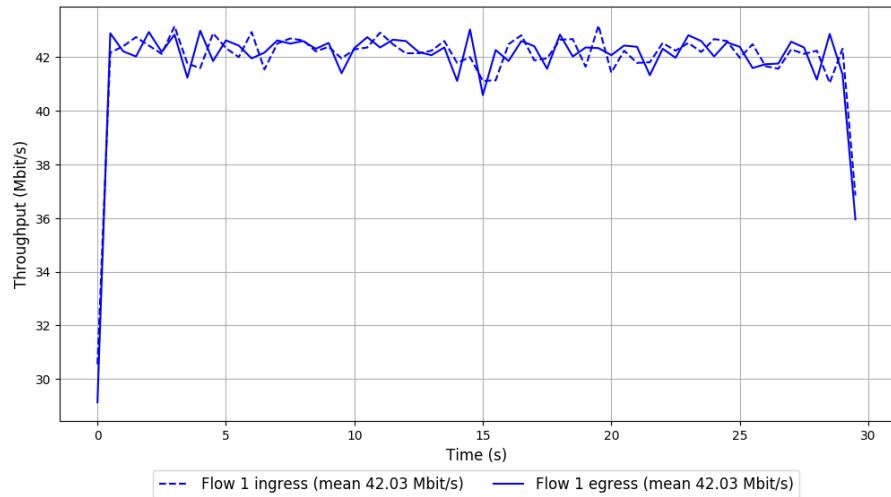


Run 1: Statistics of KohoCC

```
Start at: 2017-09-03 01:03:10
End at: 2017-09-03 01:03:40
Local clock offset: 1.106 ms
Remote clock offset: -1.816 ms

# Below is generated by plot.py at 2017-09-03 07:26:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.03 Mbit/s
95th percentile per-packet one-way delay: 14.272 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 42.03 Mbit/s
95th percentile per-packet one-way delay: 14.272 ms
Loss rate: 0.08%
```

Run 1: Report of KohoCC — Data Link

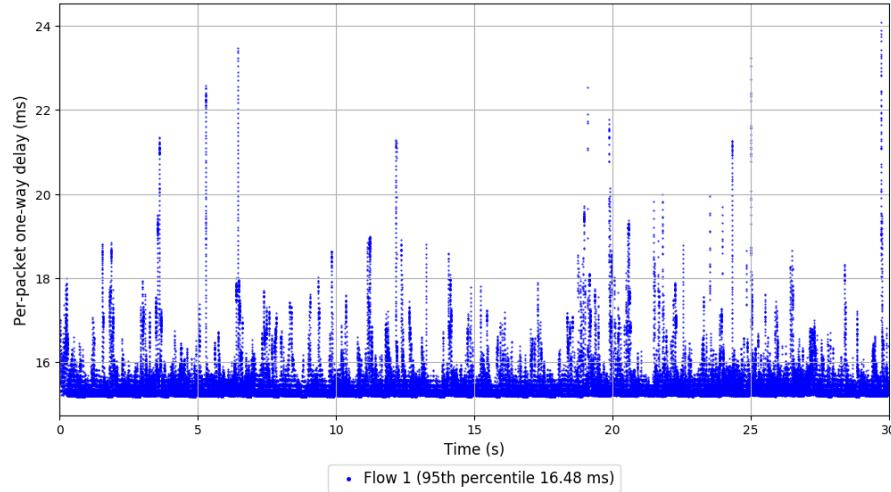
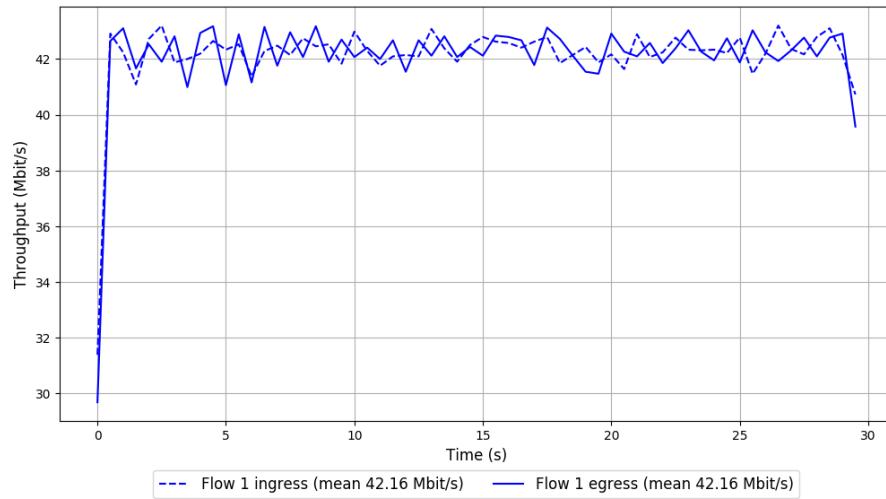


Run 2: Statistics of KohoCC

```
Start at: 2017-09-03 01:20:35
End at: 2017-09-03 01:21:05
Local clock offset: 0.449 ms
Remote clock offset: -4.869 ms

# Below is generated by plot.py at 2017-09-03 07:26:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.16 Mbit/s
95th percentile per-packet one-way delay: 16.483 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 42.16 Mbit/s
95th percentile per-packet one-way delay: 16.483 ms
Loss rate: 0.09%
```

Run 2: Report of KohoCC — Data Link

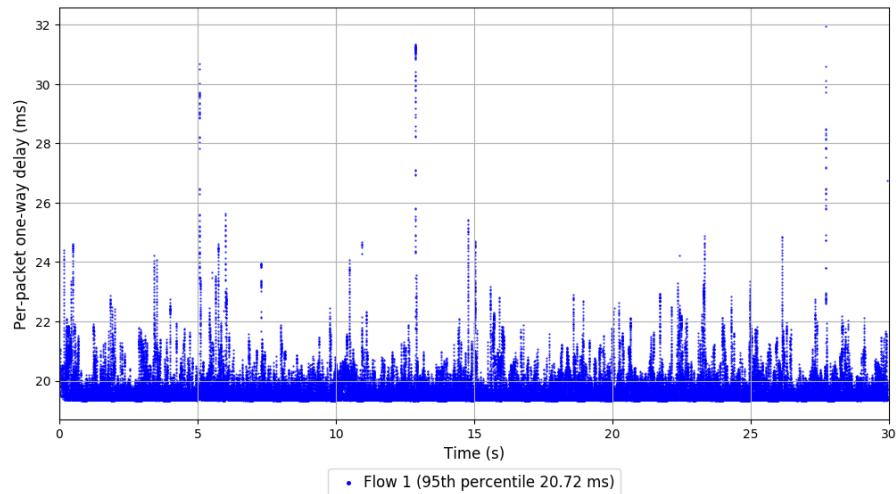
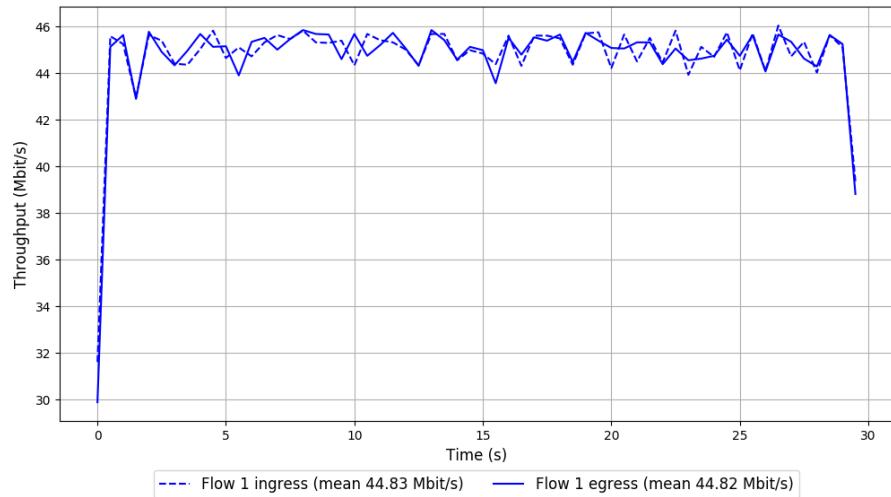


Run 3: Statistics of KohoCC

```
Start at: 2017-09-03 01:38:25
End at: 2017-09-03 01:38:55
Local clock offset: 1.573 ms
Remote clock offset: -7.855 ms

# Below is generated by plot.py at 2017-09-03 07:26:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.82 Mbit/s
95th percentile per-packet one-way delay: 20.723 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 44.82 Mbit/s
95th percentile per-packet one-way delay: 20.723 ms
Loss rate: 0.09%
```

Run 3: Report of KohoCC — Data Link

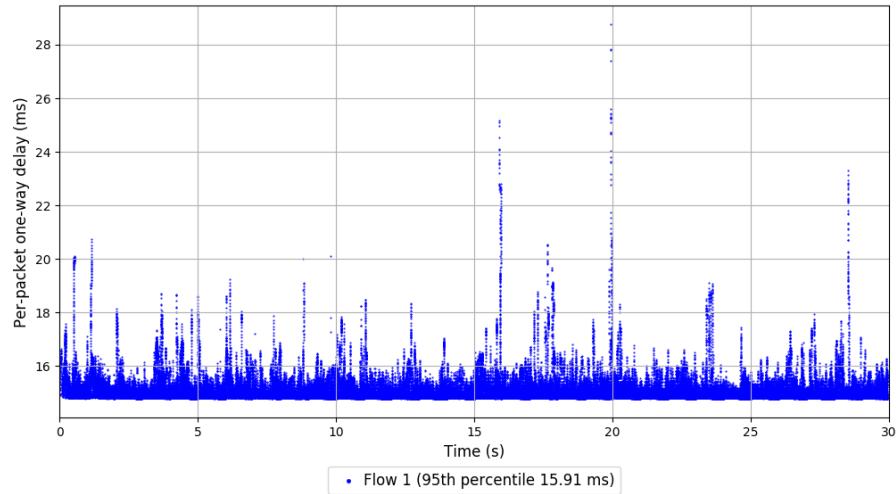
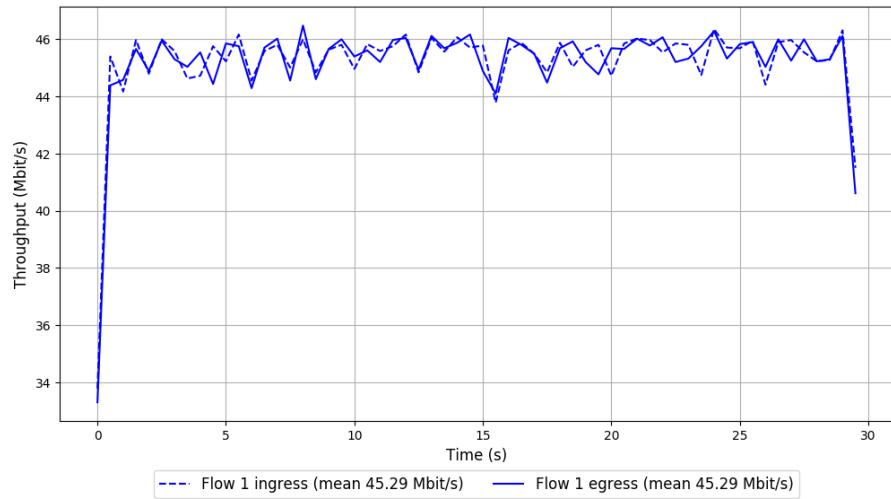


Run 4: Statistics of KohoCC

```
Start at: 2017-09-03 01:56:00
End at: 2017-09-03 01:56:30
Local clock offset: -1.799 ms
Remote clock offset: -6.668 ms

# Below is generated by plot.py at 2017-09-03 07:26:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.29 Mbit/s
95th percentile per-packet one-way delay: 15.906 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 45.29 Mbit/s
95th percentile per-packet one-way delay: 15.906 ms
Loss rate: 0.08%
```

Run 4: Report of KohoCC — Data Link

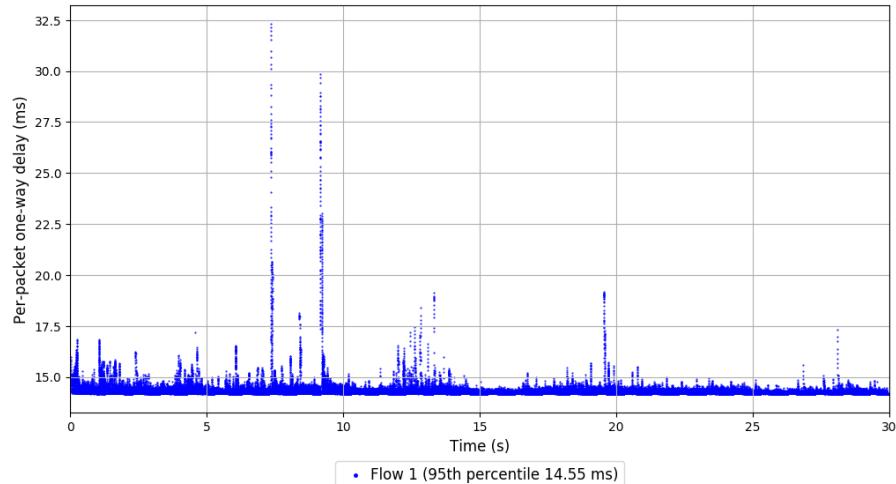
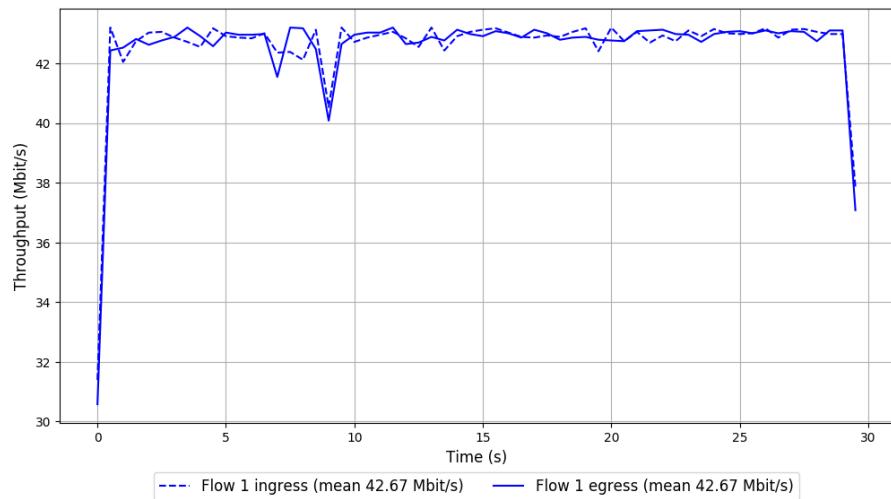


Run 5: Statistics of KohoCC

```
Start at: 2017-09-03 02:14:02
End at: 2017-09-03 02:14:32
Local clock offset: -2.683 ms
Remote clock offset: -6.911 ms

# Below is generated by plot.py at 2017-09-03 07:26:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.67 Mbit/s
95th percentile per-packet one-way delay: 14.553 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 42.67 Mbit/s
95th percentile per-packet one-way delay: 14.553 ms
Loss rate: 0.08%
```

Run 5: Report of KohoCC — Data Link

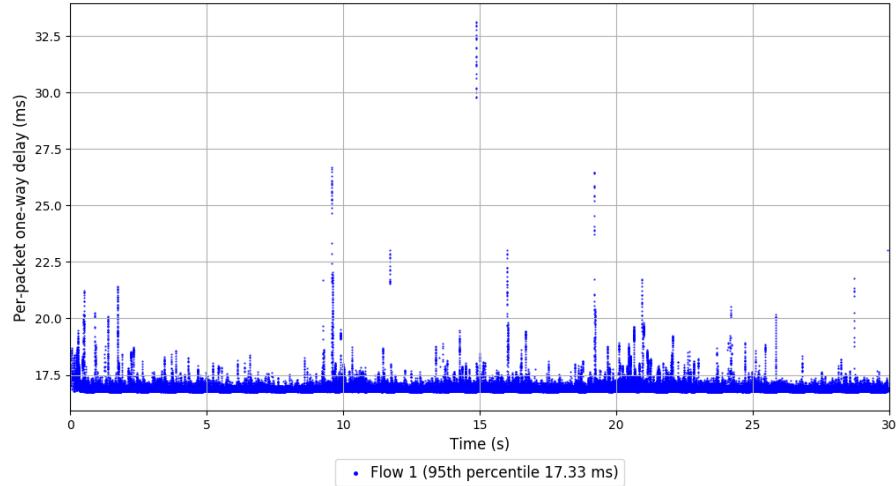
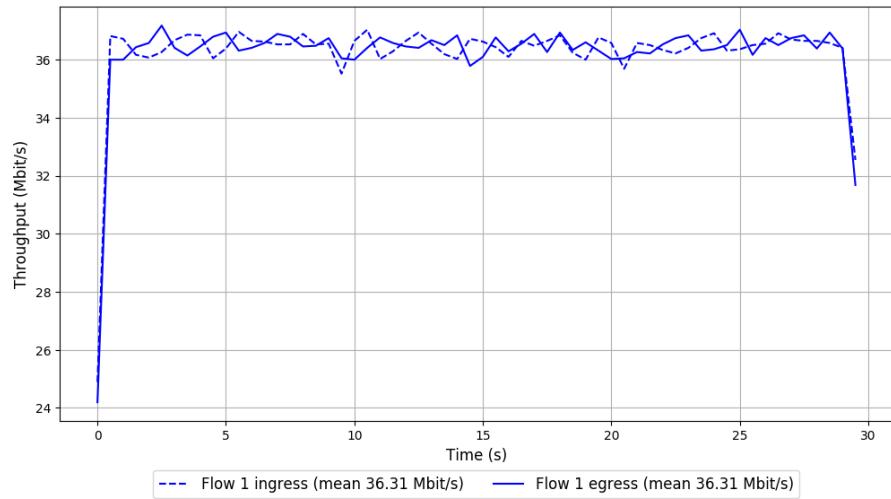


Run 6: Statistics of KohoCC

```
Start at: 2017-09-03 02:31:50
End at: 2017-09-03 02:32:20
Local clock offset: 0.122 ms
Remote clock offset: -6.67 ms

# Below is generated by plot.py at 2017-09-03 07:26:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.31 Mbit/s
95th percentile per-packet one-way delay: 17.326 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 36.31 Mbit/s
95th percentile per-packet one-way delay: 17.326 ms
Loss rate: 0.09%
```

Run 6: Report of KohoCC — Data Link

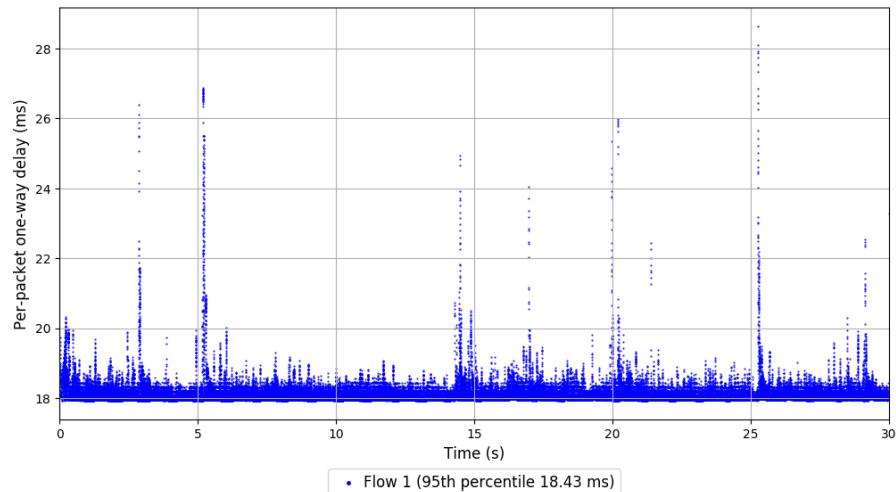
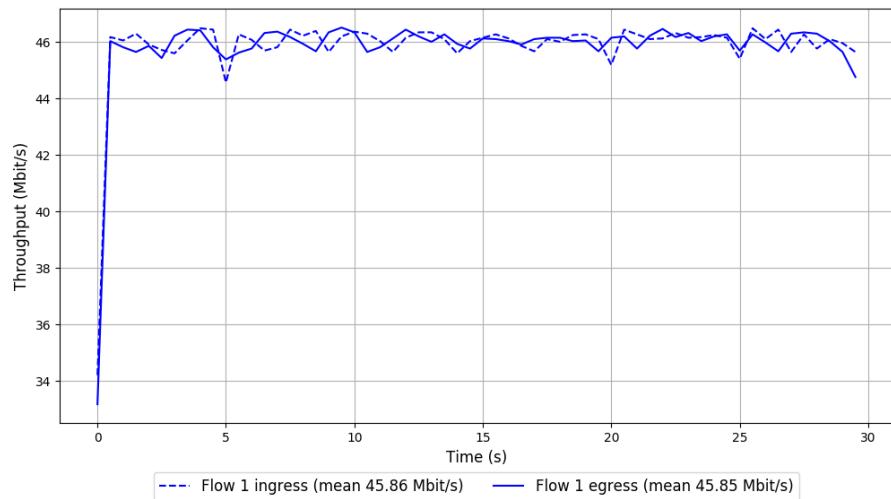


Run 7: Statistics of KohoCC

```
Start at: 2017-09-03 02:49:45
End at: 2017-09-03 02:50:15
Local clock offset: 1.054 ms
Remote clock offset: -6.813 ms

# Below is generated by plot.py at 2017-09-03 07:26:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.85 Mbit/s
95th percentile per-packet one-way delay: 18.428 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 45.85 Mbit/s
95th percentile per-packet one-way delay: 18.428 ms
Loss rate: 0.09%
```

Run 7: Report of KohoCC — Data Link

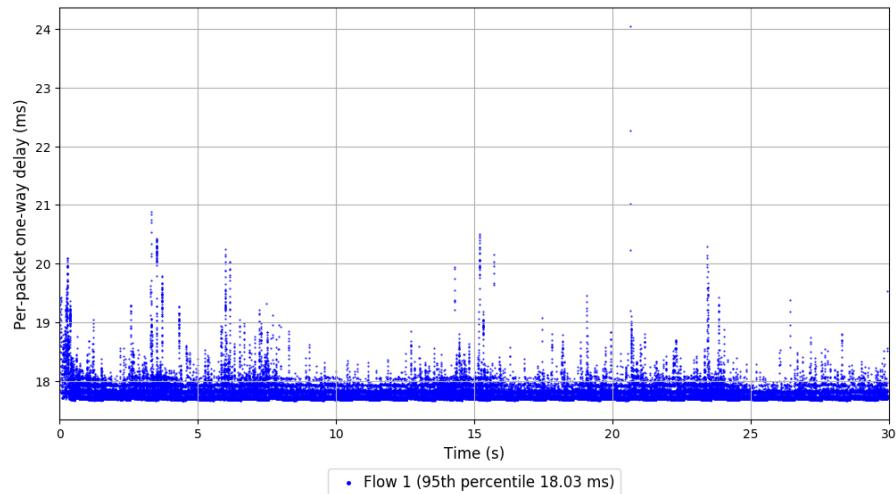
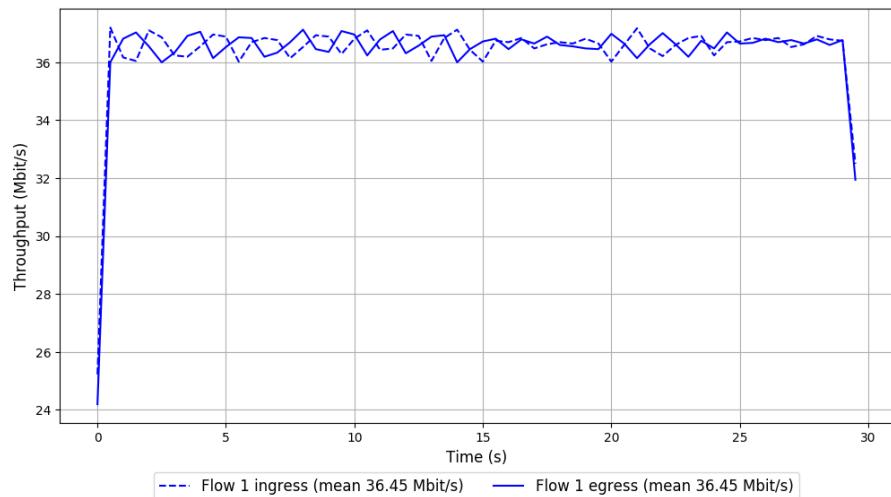


Run 8: Statistics of KohoCC

```
Start at: 2017-09-03 03:07:27
End at: 2017-09-03 03:07:57
Local clock offset: 1.73 ms
Remote clock offset: -5.855 ms

# Below is generated by plot.py at 2017-09-03 07:26:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.45 Mbit/s
95th percentile per-packet one-way delay: 18.029 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 36.45 Mbit/s
95th percentile per-packet one-way delay: 18.029 ms
Loss rate: 0.09%
```

Run 8: Report of KohoCC — Data Link

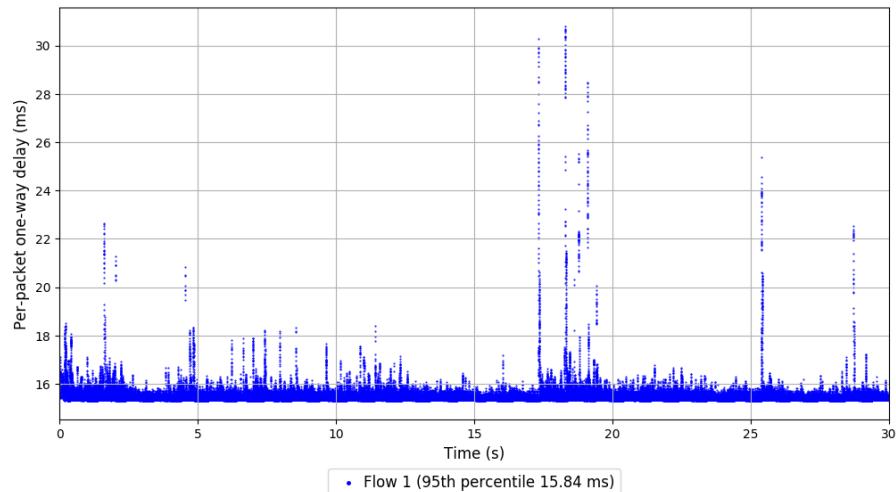
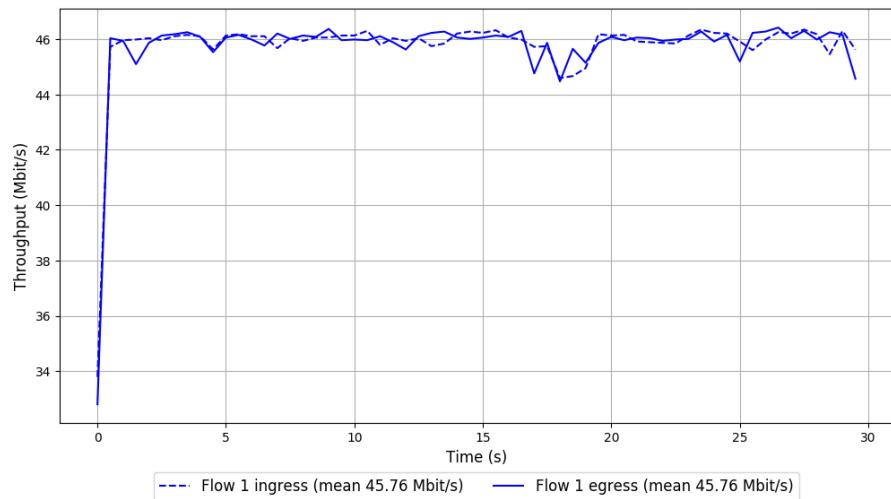


Run 9: Statistics of KohoCC

```
Start at: 2017-09-03 03:25:21
End at: 2017-09-03 03:25:51
Local clock offset: -0.468 ms
Remote clock offset: -5.667 ms

# Below is generated by plot.py at 2017-09-03 07:26:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.76 Mbit/s
95th percentile per-packet one-way delay: 15.840 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 45.76 Mbit/s
95th percentile per-packet one-way delay: 15.840 ms
Loss rate: 0.08%
```

Run 9: Report of KohoCC — Data Link

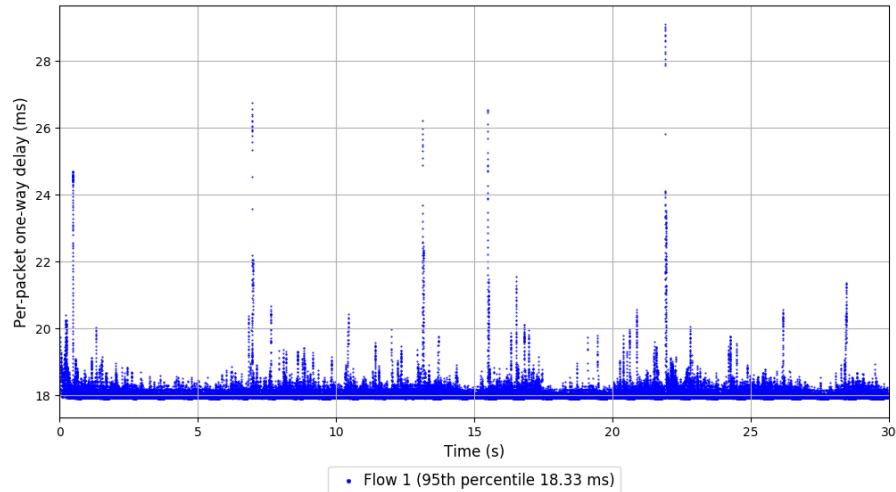
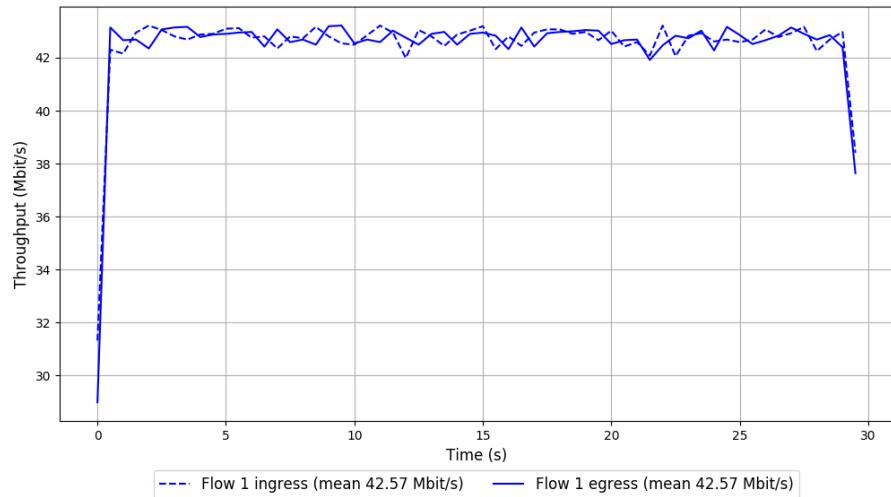


Run 10: Statistics of KohoCC

```
Start at: 2017-09-03 03:43:27
End at: 2017-09-03 03:43:57
Local clock offset: 0.967 ms
Remote clock offset: -6.899 ms

# Below is generated by plot.py at 2017-09-03 07:26:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.57 Mbit/s
95th percentile per-packet one-way delay: 18.328 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 42.57 Mbit/s
95th percentile per-packet one-way delay: 18.328 ms
Loss rate: 0.09%
```

Run 10: Report of KohoCC — Data Link

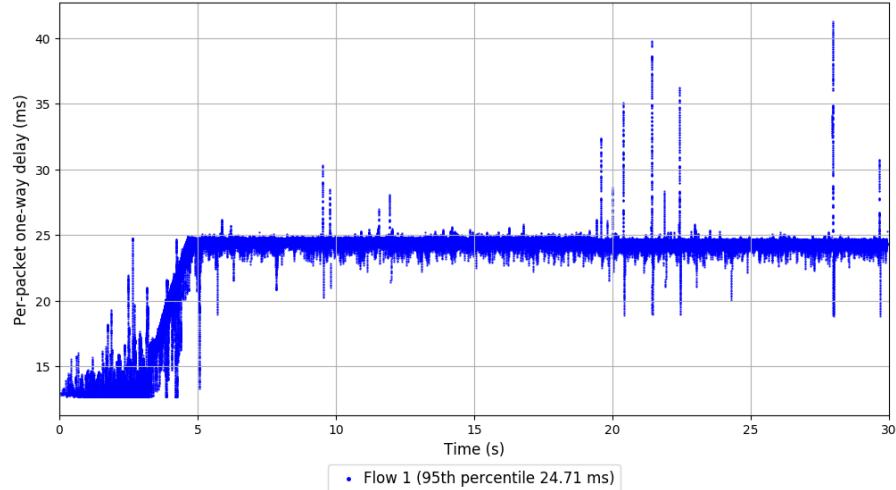
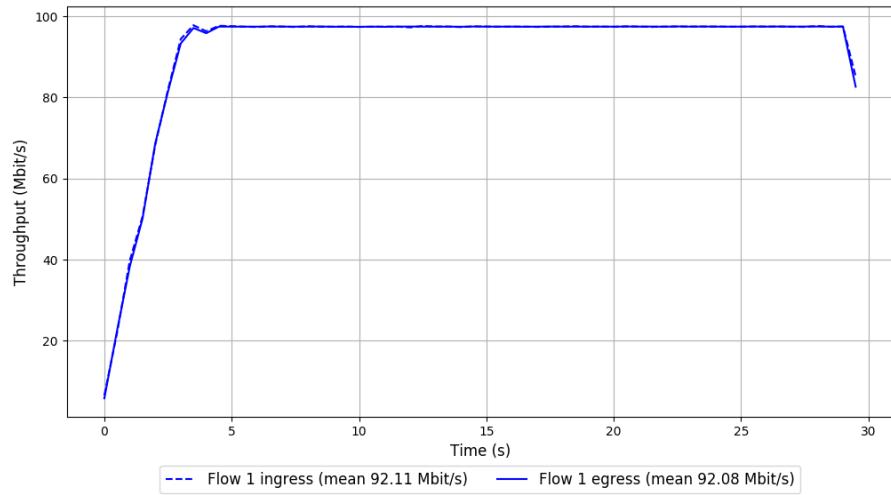


Run 1: Statistics of LEDBAT

```
Start at: 2017-09-03 00:56:10
End at: 2017-09-03 00:56:40
Local clock offset: -2.06 ms
Remote clock offset: -4.744 ms

# Below is generated by plot.py at 2017-09-03 07:27:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.08 Mbit/s
95th percentile per-packet one-way delay: 24.709 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 92.08 Mbit/s
95th percentile per-packet one-way delay: 24.709 ms
Loss rate: 0.13%
```

Run 1: Report of LEDBAT — Data Link

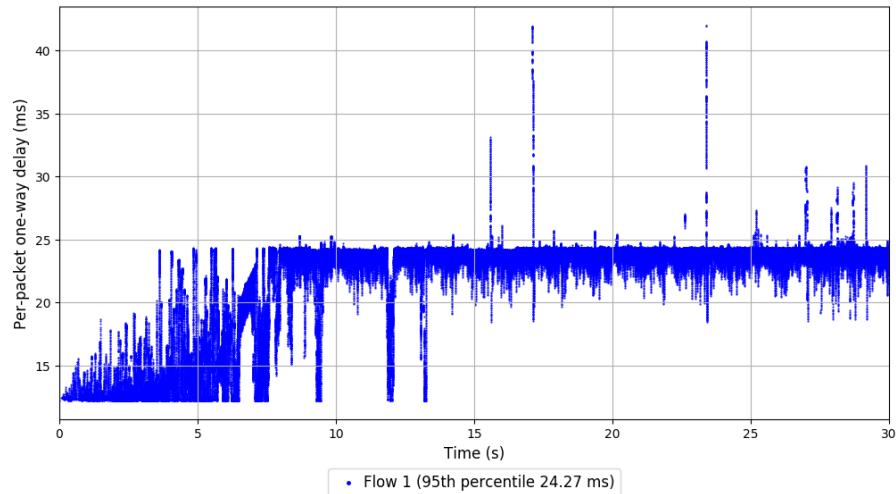
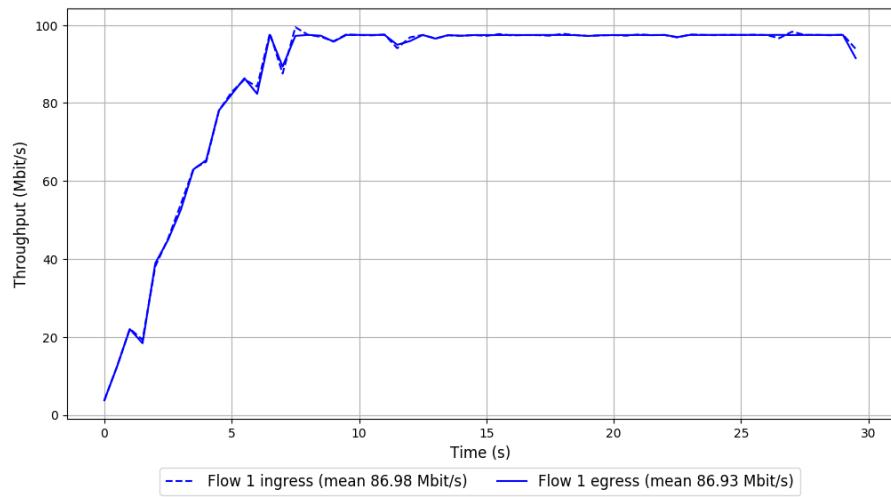


Run 2: Statistics of LEDBAT

```
Start at: 2017-09-03 01:13:33
End at: 2017-09-03 01:14:03
Local clock offset: -2.104 ms
Remote clock offset: -4.505 ms

# Below is generated by plot.py at 2017-09-03 07:27:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.93 Mbit/s
95th percentile per-packet one-way delay: 24.265 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 86.93 Mbit/s
95th percentile per-packet one-way delay: 24.265 ms
Loss rate: 0.14%
```

Run 2: Report of LEDBAT — Data Link

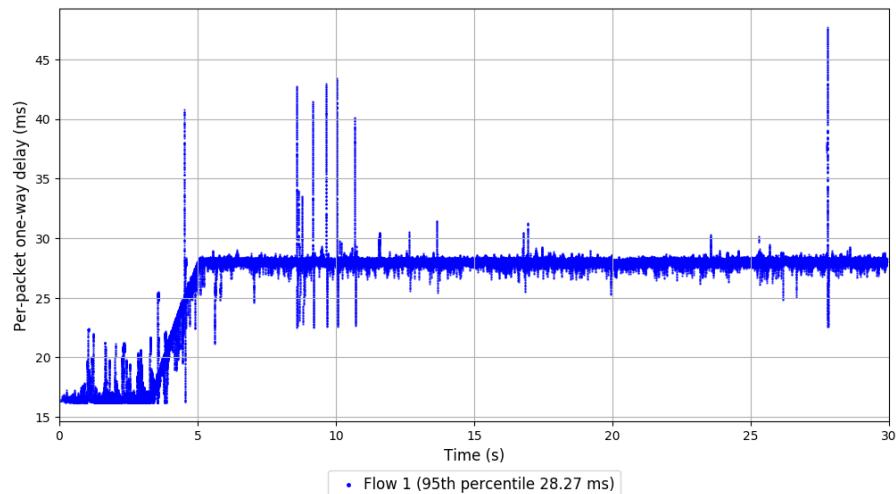
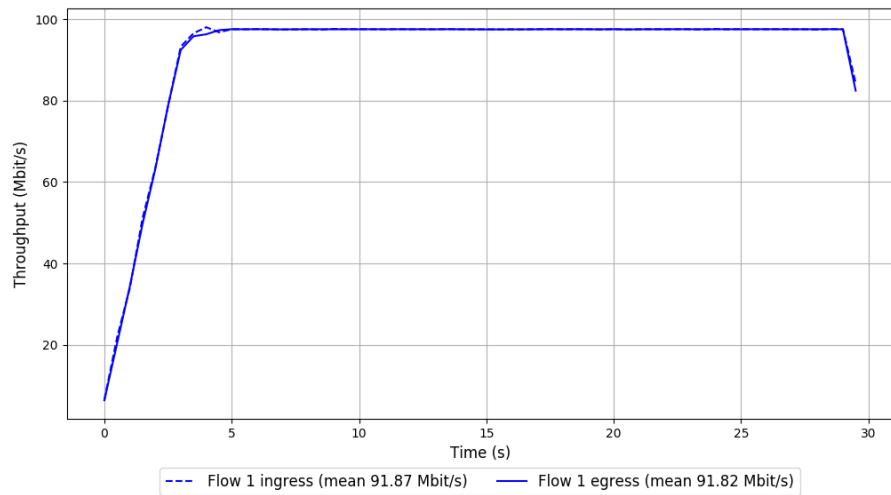


Run 3: Statistics of LEDBAT

```
Start at: 2017-09-03 01:31:16
End at: 2017-09-03 01:31:46
Local clock offset: -1.254 ms
Remote clock offset: -7.674 ms

# Below is generated by plot.py at 2017-09-03 07:27:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.82 Mbit/s
95th percentile per-packet one-way delay: 28.269 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 91.82 Mbit/s
95th percentile per-packet one-way delay: 28.269 ms
Loss rate: 0.13%
```

Run 3: Report of LEDBAT — Data Link

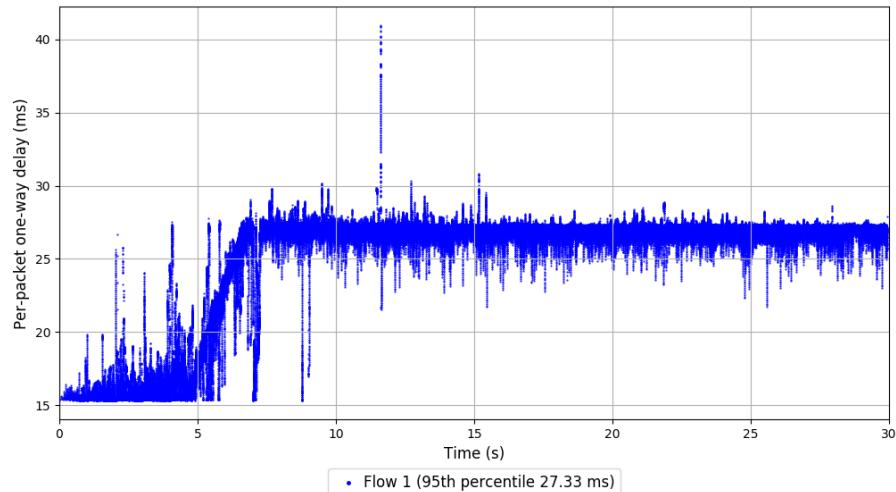
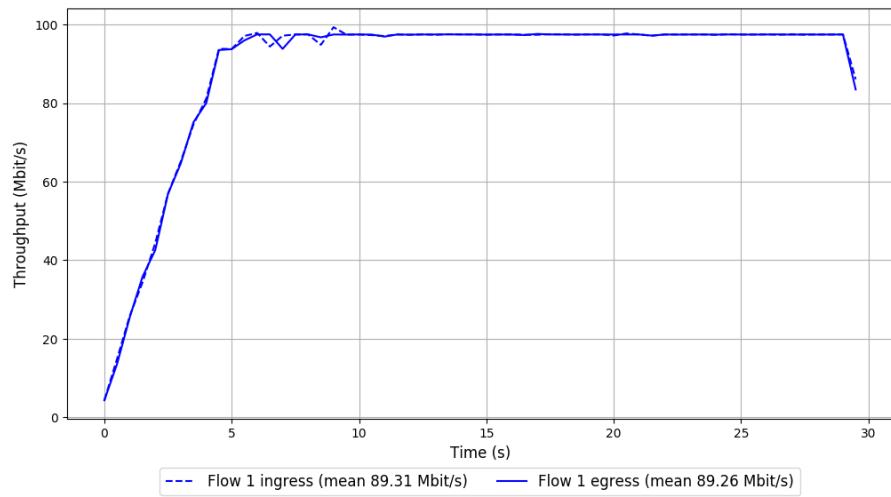


Run 4: Statistics of LEDBAT

```
Start at: 2017-09-03 01:48:58
End at: 2017-09-03 01:49:28
Local clock offset: -0.583 ms
Remote clock offset: -6.052 ms

# Below is generated by plot.py at 2017-09-03 07:27:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.26 Mbit/s
95th percentile per-packet one-way delay: 27.329 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 89.26 Mbit/s
95th percentile per-packet one-way delay: 27.329 ms
Loss rate: 0.15%
```

Run 4: Report of LEDBAT — Data Link

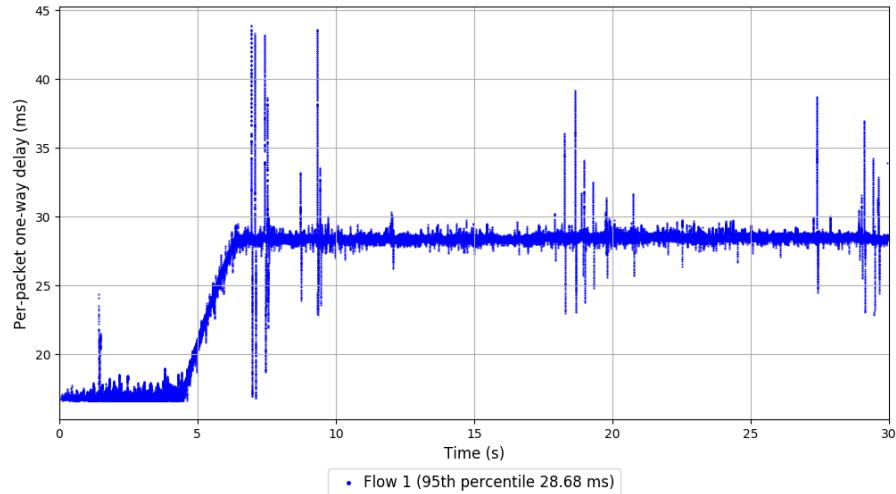
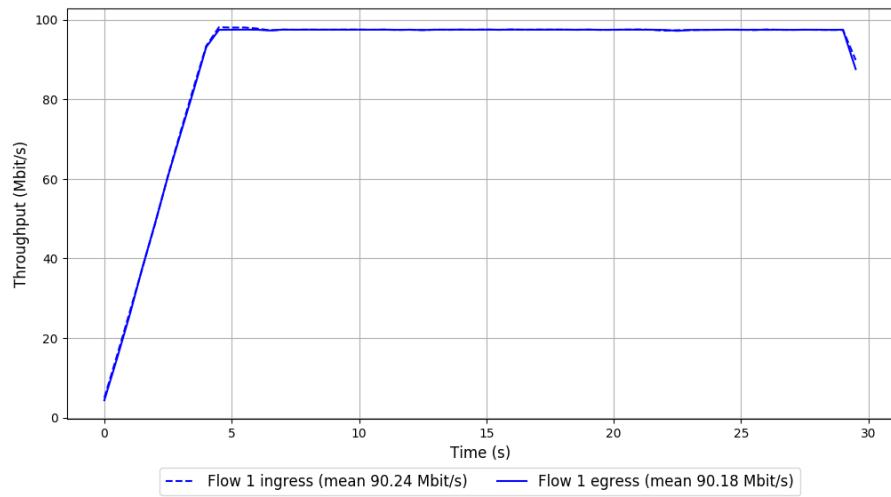


Run 5: Statistics of LEDBAT

```
Start at: 2017-09-03 02:06:41
End at: 2017-09-03 02:07:11
Local clock offset: 0.369 ms
Remote clock offset: -6.306 ms

# Below is generated by plot.py at 2017-09-03 07:27:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.18 Mbit/s
95th percentile per-packet one-way delay: 28.685 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 90.18 Mbit/s
95th percentile per-packet one-way delay: 28.685 ms
Loss rate: 0.14%
```

Run 5: Report of LEDBAT — Data Link

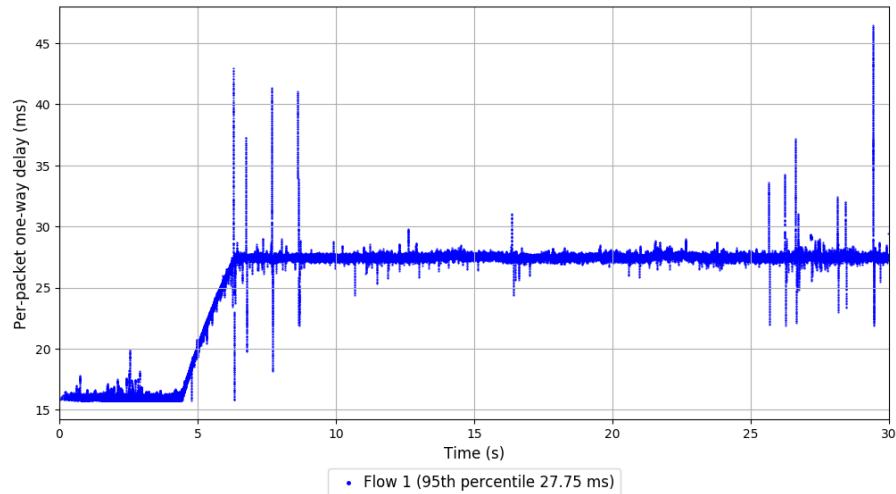
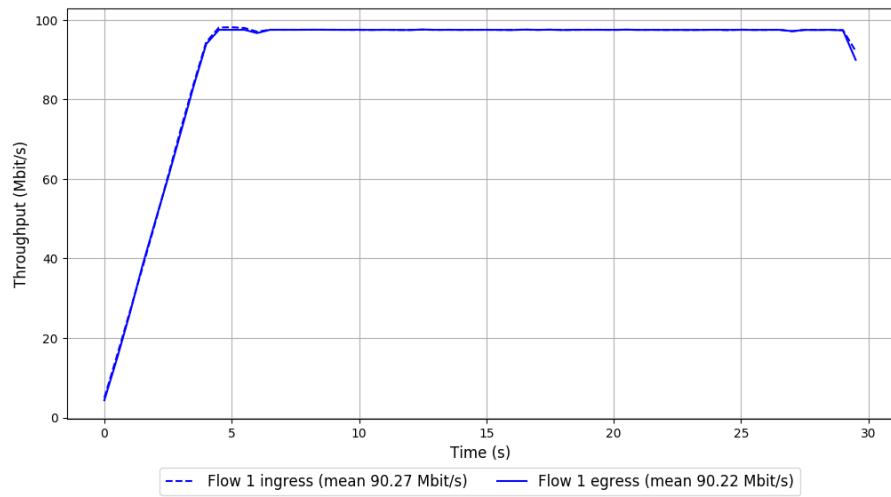


Run 6: Statistics of LEDBAT

```
Start at: 2017-09-03 02:24:34
End at: 2017-09-03 02:25:04
Local clock offset: -0.645 ms
Remote clock offset: -6.377 ms

# Below is generated by plot.py at 2017-09-03 07:27:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.22 Mbit/s
95th percentile per-packet one-way delay: 27.747 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 90.22 Mbit/s
95th percentile per-packet one-way delay: 27.747 ms
Loss rate: 0.14%
```

Run 6: Report of LEDBAT — Data Link

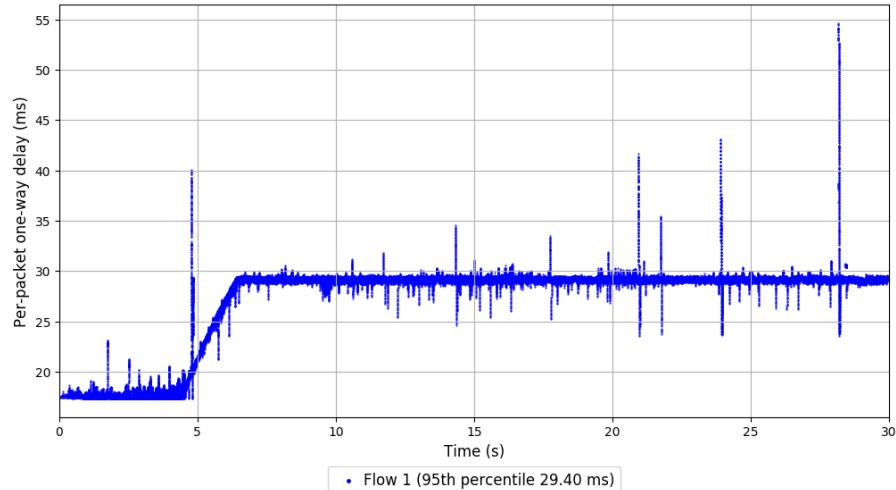
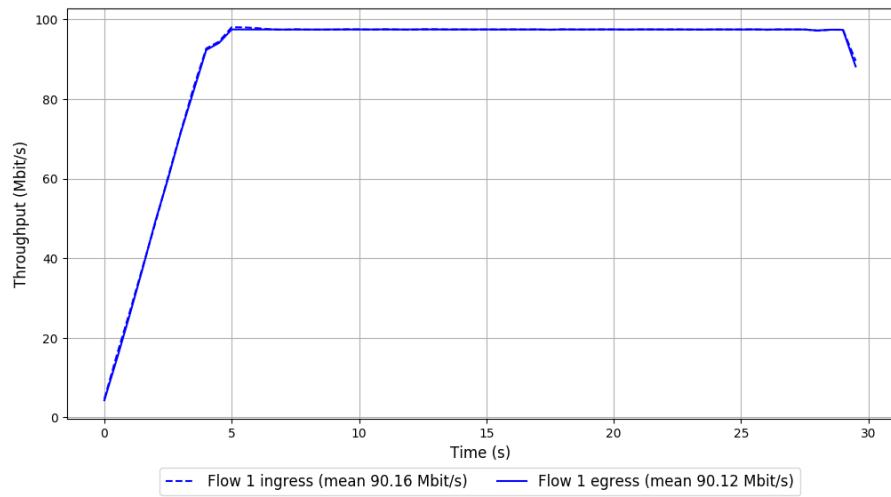


Run 7: Statistics of LEDBAT

```
Start at: 2017-09-03 02:42:26
End at: 2017-09-03 02:42:56
Local clock offset: 0.348 ms
Remote clock offset: -6.907 ms

# Below is generated by plot.py at 2017-09-03 07:27:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.12 Mbit/s
95th percentile per-packet one-way delay: 29.404 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 90.12 Mbit/s
95th percentile per-packet one-way delay: 29.404 ms
Loss rate: 0.13%
```

Run 7: Report of LEDBAT — Data Link

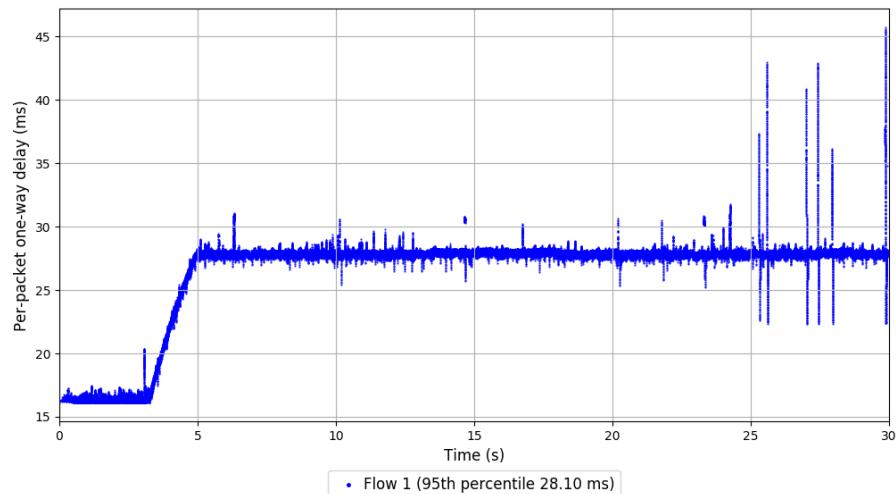
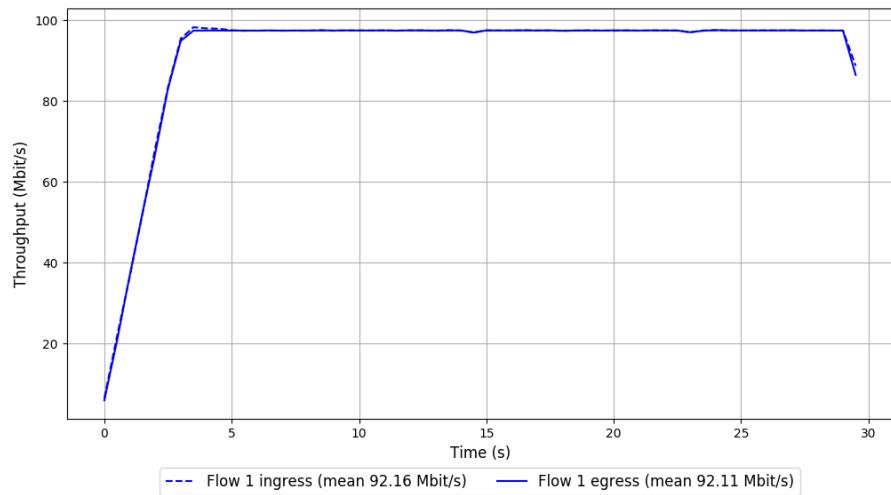


Run 8: Statistics of LEDBAT

```
Start at: 2017-09-03 03:00:20
End at: 2017-09-03 03:00:50
Local clock offset: 0.409 ms
Remote clock offset: -5.604 ms

# Below is generated by plot.py at 2017-09-03 07:27:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.11 Mbit/s
95th percentile per-packet one-way delay: 28.099 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 92.11 Mbit/s
95th percentile per-packet one-way delay: 28.099 ms
Loss rate: 0.14%
```

Run 8: Report of LEDBAT — Data Link

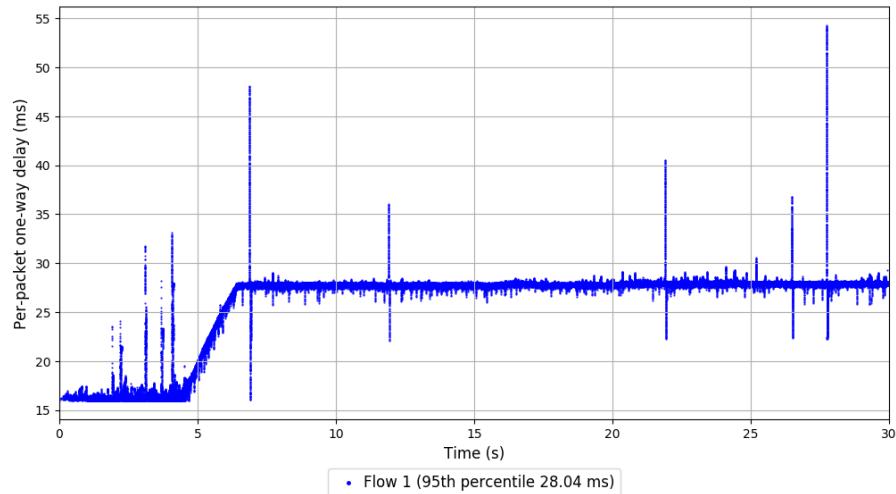
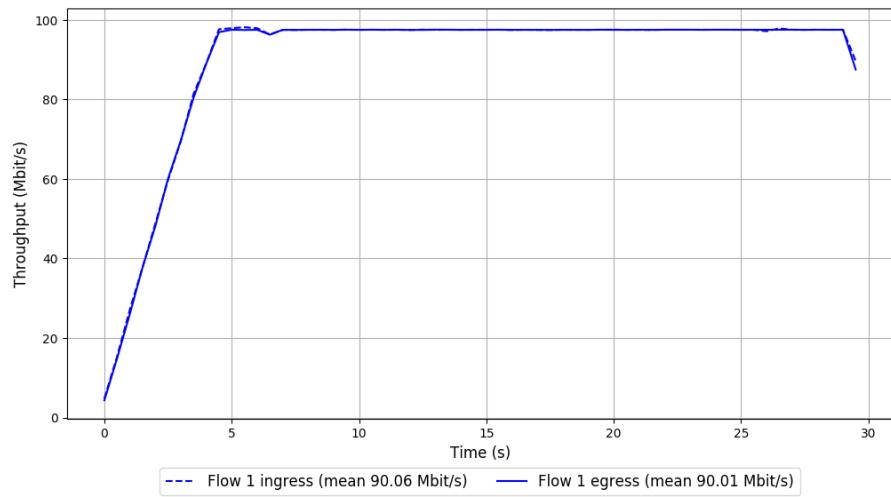


Run 9: Statistics of LEDBAT

```
Start at: 2017-09-03 03:18:14
End at: 2017-09-03 03:18:44
Local clock offset: 0.265 ms
Remote clock offset: -5.636 ms

# Below is generated by plot.py at 2017-09-03 07:28:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.01 Mbit/s
95th percentile per-packet one-way delay: 28.040 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 90.01 Mbit/s
95th percentile per-packet one-way delay: 28.040 ms
Loss rate: 0.14%
```

Run 9: Report of LEDBAT — Data Link

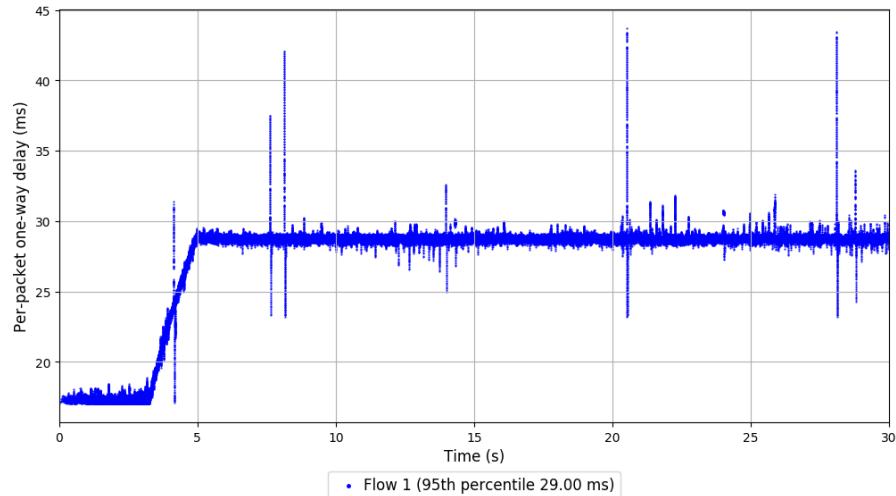
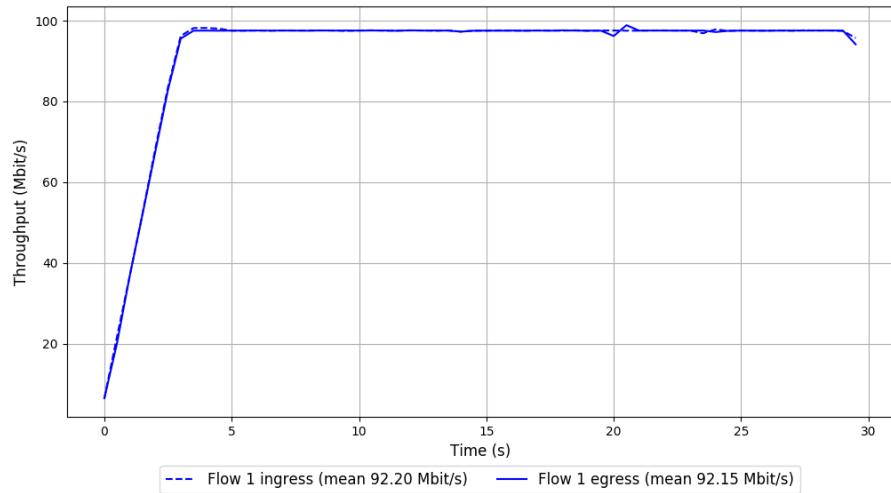


Run 10: Statistics of LEDBAT

```
Start at: 2017-09-03 03:36:18
End at: 2017-09-03 03:36:48
Local clock offset: 0.293 ms
Remote clock offset: -6.733 ms

# Below is generated by plot.py at 2017-09-03 07:28:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.15 Mbit/s
95th percentile per-packet one-way delay: 28.997 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 92.15 Mbit/s
95th percentile per-packet one-way delay: 28.997 ms
Loss rate: 0.13%
```

Run 10: Report of LEDBAT — Data Link

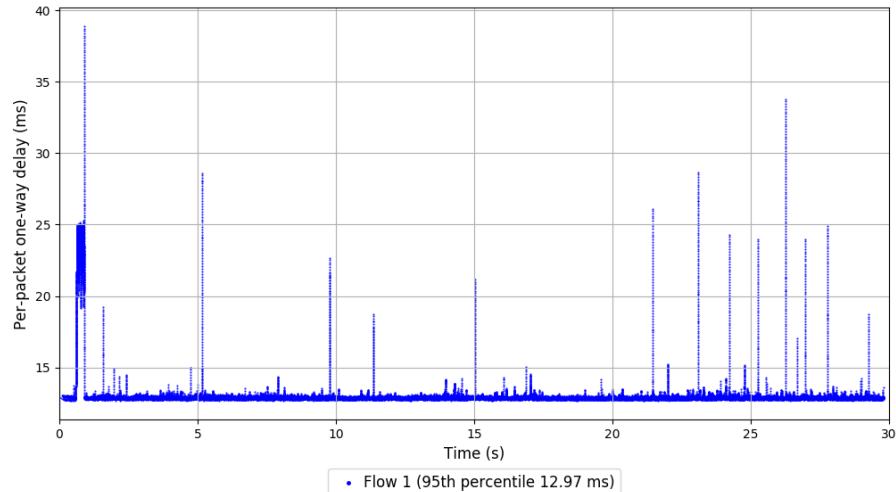
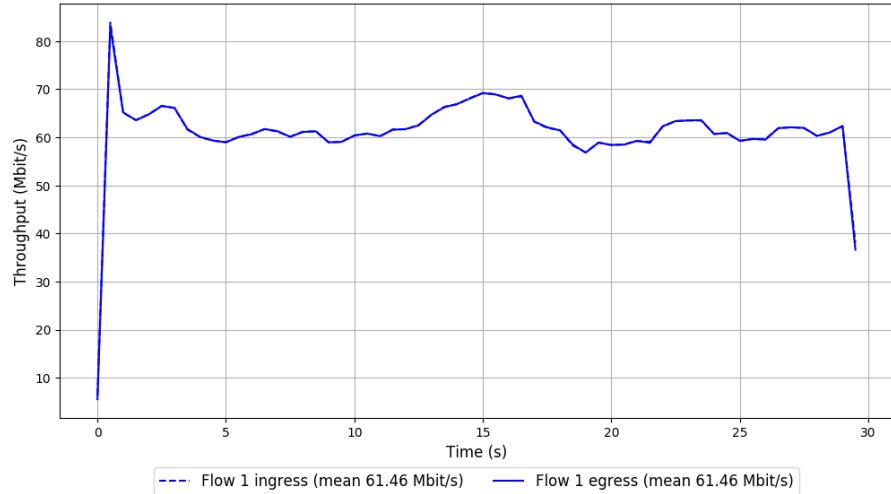


Run 1: Statistics of PCC

```
Start at: 2017-09-03 01:10:08
End at: 2017-09-03 01:10:38
Local clock offset: 1.638 ms
Remote clock offset: -1.297 ms

# Below is generated by plot.py at 2017-09-03 07:28:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.46 Mbit/s
95th percentile per-packet one-way delay: 12.975 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 61.46 Mbit/s
95th percentile per-packet one-way delay: 12.975 ms
Loss rate: 0.08%
```

Run 1: Report of PCC — Data Link

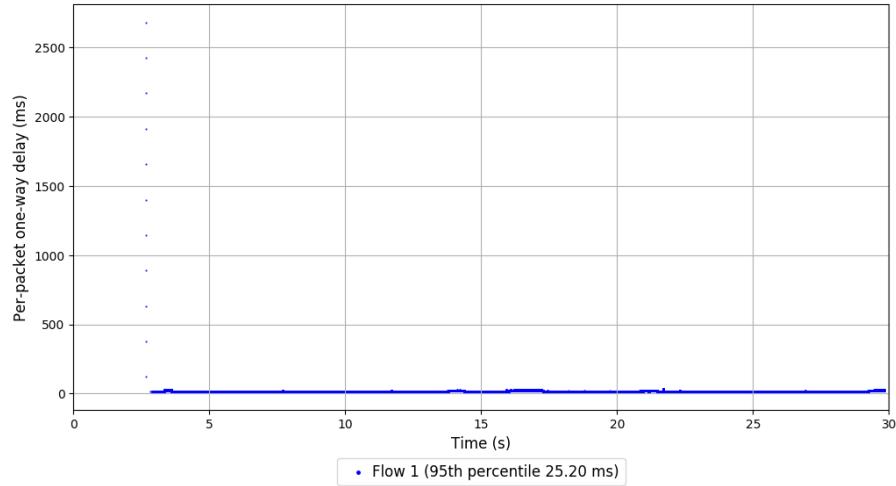
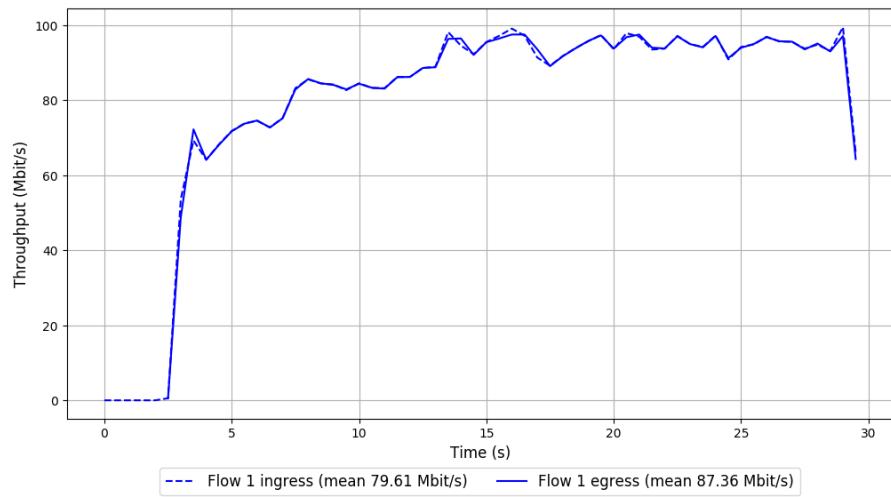


Run 2: Statistics of PCC

```
Start at: 2017-09-03 01:27:48
End at: 2017-09-03 01:28:18
Local clock offset: -2.706 ms
Remote clock offset: -7.704 ms

# Below is generated by plot.py at 2017-09-03 07:28:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.36 Mbit/s
95th percentile per-packet one-way delay: 25.202 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 87.36 Mbit/s
95th percentile per-packet one-way delay: 25.202 ms
Loss rate: 0.14%
```

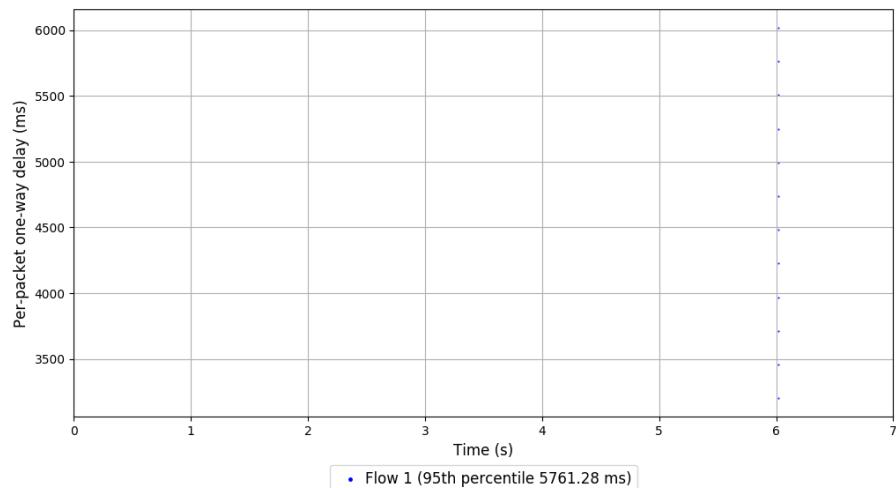
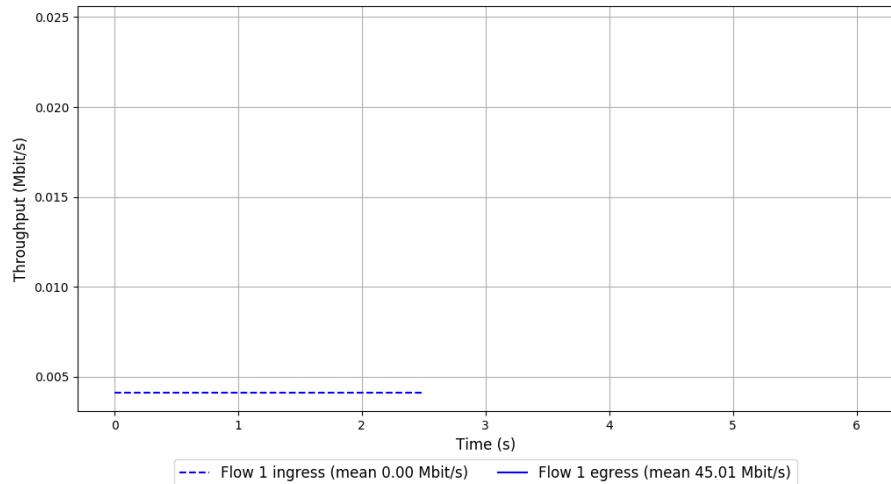
Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: 2017-09-03 01:45:33
End at: 2017-09-03 01:46:03
Local clock offset: -0.706 ms
Remote clock offset: -6.547 ms

Run 3: Report of PCC — Data Link

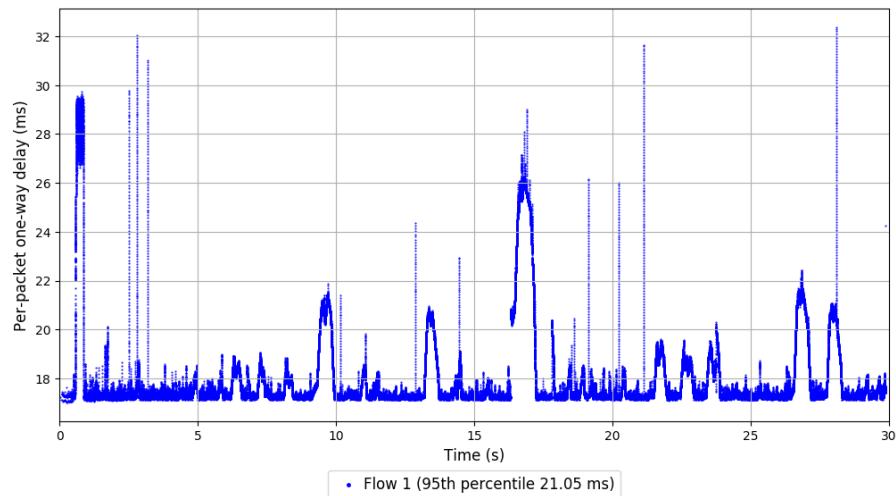
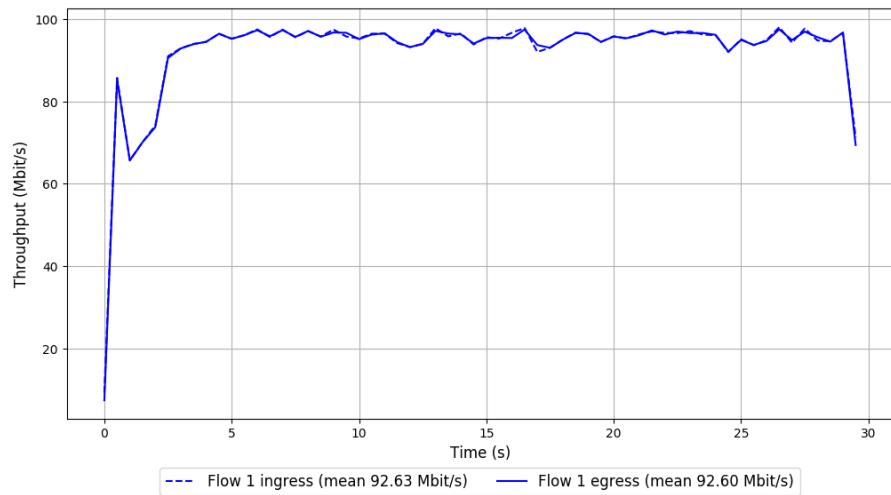


Run 4: Statistics of PCC

```
Start at: 2017-09-03 02:03:17
End at: 2017-09-03 02:03:47
Local clock offset: 0.736 ms
Remote clock offset: -6.562 ms

# Below is generated by plot.py at 2017-09-03 07:28:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.60 Mbit/s
95th percentile per-packet one-way delay: 21.053 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 92.60 Mbit/s
95th percentile per-packet one-way delay: 21.053 ms
Loss rate: 0.09%
```

Run 4: Report of PCC — Data Link

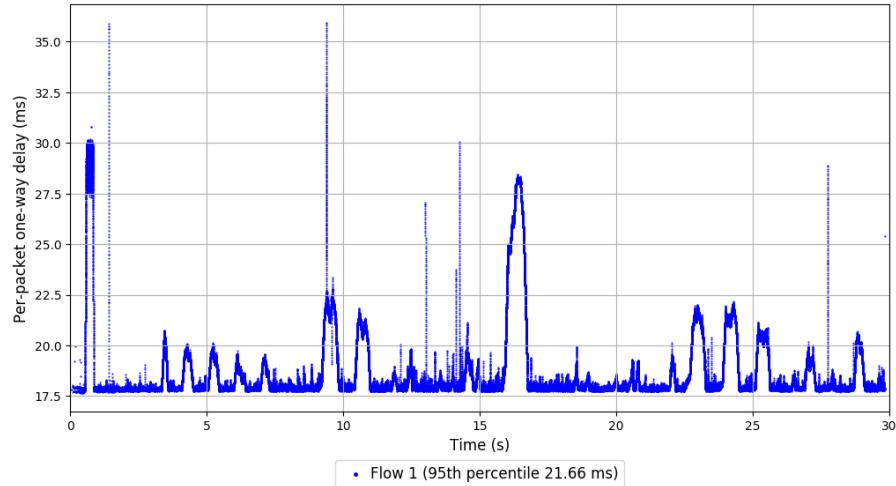
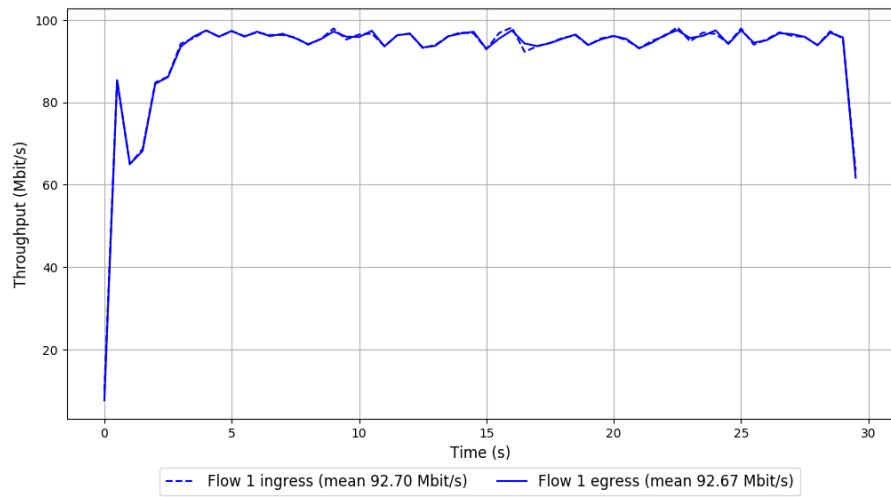


Run 5: Statistics of PCC

```
Start at: 2017-09-03 02:21:10
End at: 2017-09-03 02:21:40
Local clock offset: 1.322 ms
Remote clock offset: -6.559 ms

# Below is generated by plot.py at 2017-09-03 07:28:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.67 Mbit/s
95th percentile per-packet one-way delay: 21.661 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 92.67 Mbit/s
95th percentile per-packet one-way delay: 21.661 ms
Loss rate: 0.09%
```

Run 5: Report of PCC — Data Link

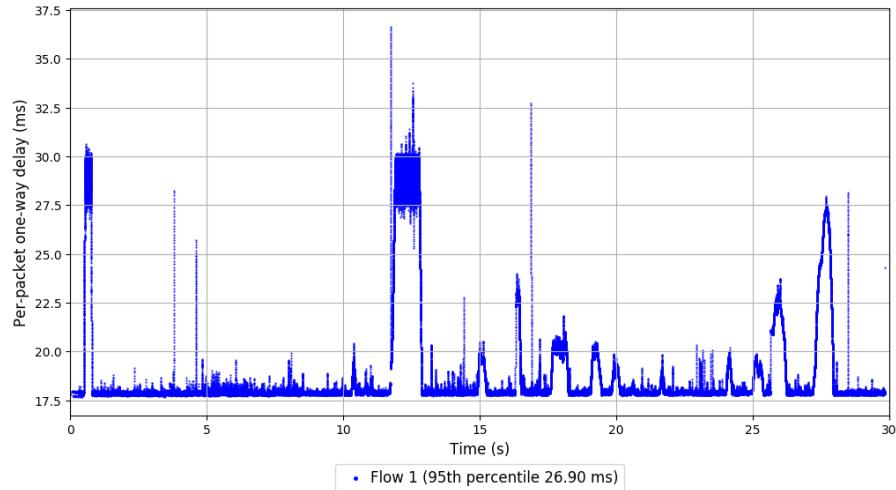
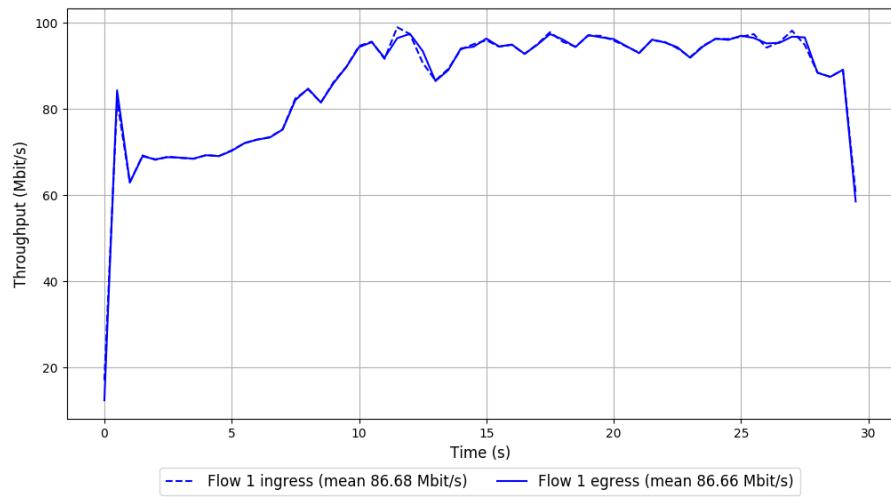


Run 6: Statistics of PCC

```
Start at: 2017-09-03 02:38:56
End at: 2017-09-03 02:39:26
Local clock offset: 1.018 ms
Remote clock offset: -6.748 ms

# Below is generated by plot.py at 2017-09-03 07:28:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.66 Mbit/s
95th percentile per-packet one-way delay: 26.904 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 86.66 Mbit/s
95th percentile per-packet one-way delay: 26.904 ms
Loss rate: 0.10%
```

Run 6: Report of PCC — Data Link

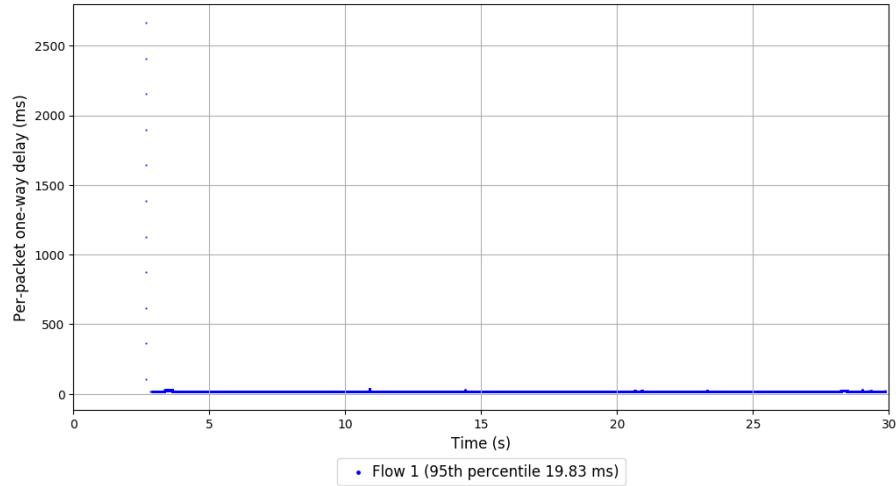
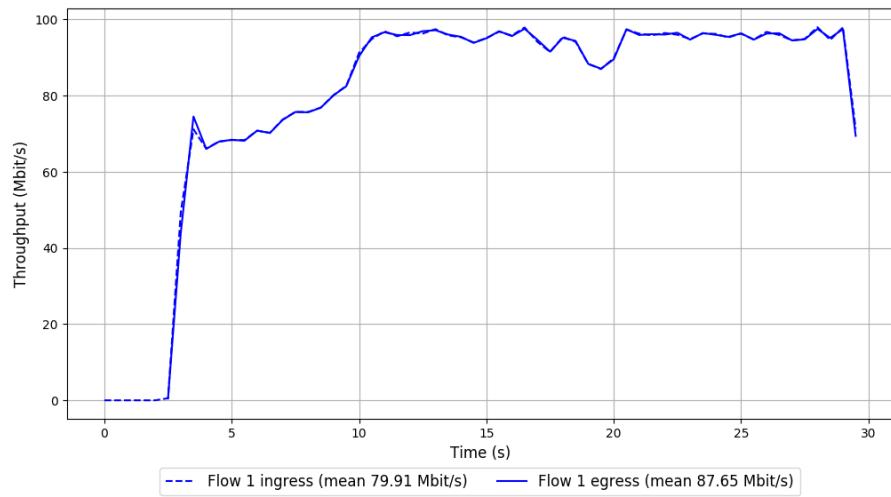


Run 7: Statistics of PCC

```
Start at: 2017-09-03 02:56:59
End at: 2017-09-03 02:57:29
Local clock offset: 0.551 ms
Remote clock offset: -5.981 ms

# Below is generated by plot.py at 2017-09-03 07:28:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.65 Mbit/s
95th percentile per-packet one-way delay: 19.834 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 87.65 Mbit/s
95th percentile per-packet one-way delay: 19.834 ms
Loss rate: 0.12%
```

Run 7: Report of PCC — Data Link

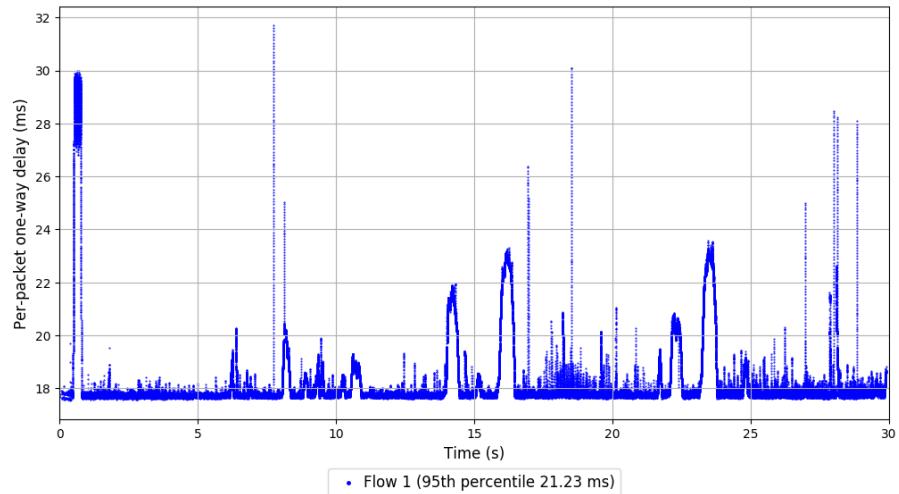
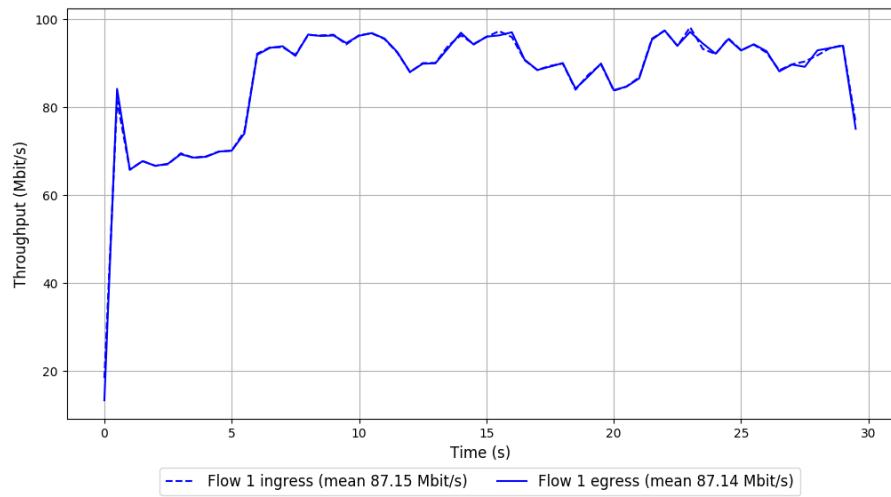


Run 8: Statistics of PCC

```
Start at: 2017-09-03 03:14:43
End at: 2017-09-03 03:15:13
Local clock offset: 1.297 ms
Remote clock offset: -6.335 ms

# Below is generated by plot.py at 2017-09-03 07:28:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.14 Mbit/s
95th percentile per-packet one-way delay: 21.234 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 87.14 Mbit/s
95th percentile per-packet one-way delay: 21.234 ms
Loss rate: 0.09%
```

Run 8: Report of PCC — Data Link

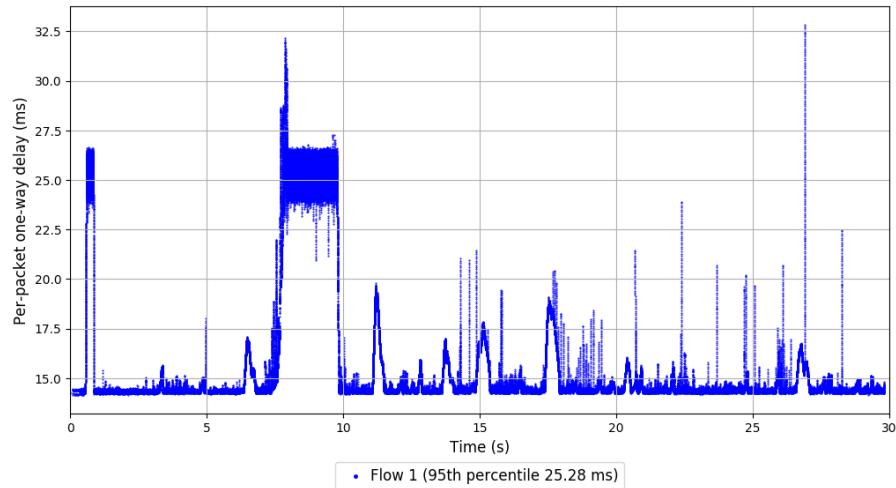
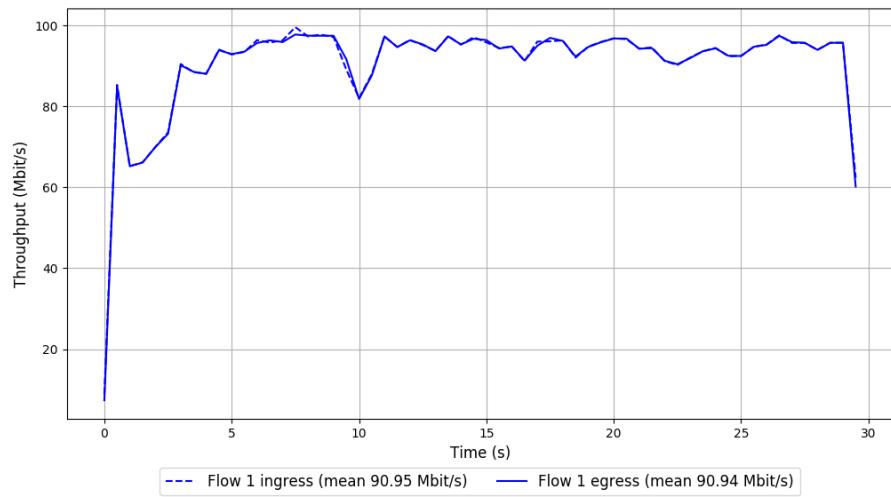


Run 9: Statistics of PCC

```
Start at: 2017-09-03 03:32:45
End at: 2017-09-03 03:33:15
Local clock offset: -2.016 ms
Remote clock offset: -6.27 ms

# Below is generated by plot.py at 2017-09-03 07:28:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.94 Mbit/s
95th percentile per-packet one-way delay: 25.283 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 90.94 Mbit/s
95th percentile per-packet one-way delay: 25.283 ms
Loss rate: 0.09%
```

Run 9: Report of PCC — Data Link

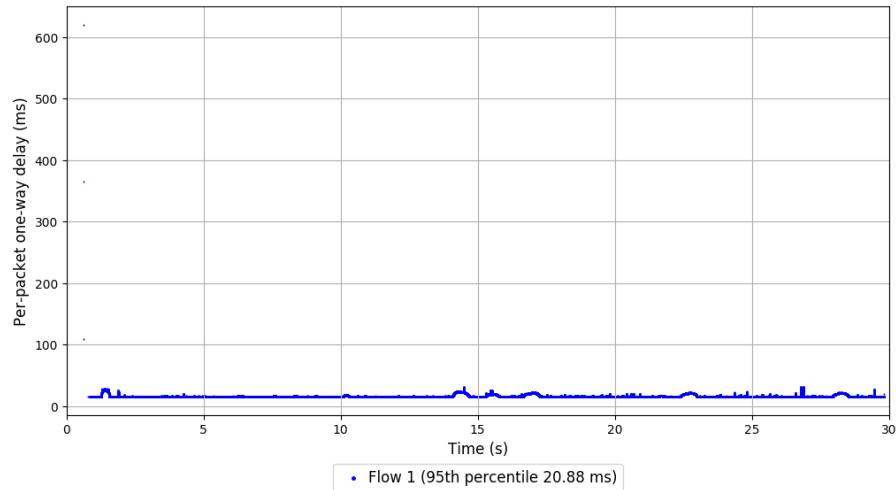
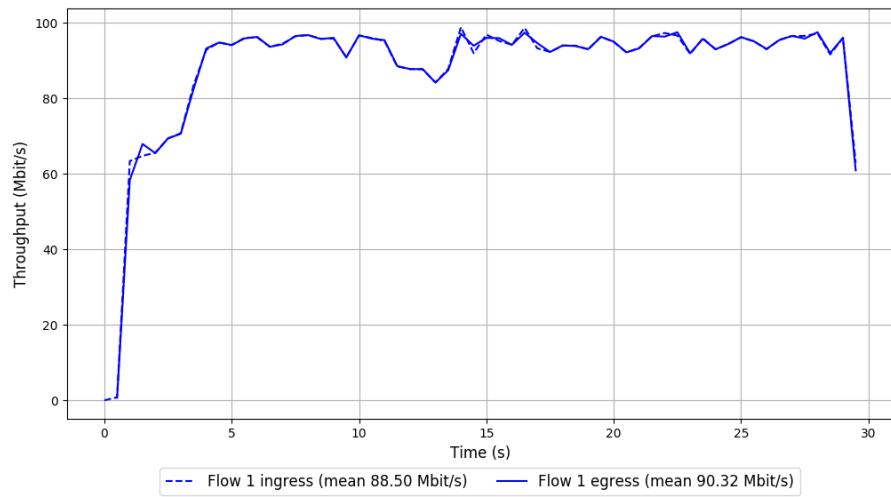


Run 10: Statistics of PCC

```
Start at: 2017-09-03 03:50:45
End at: 2017-09-03 03:51:15
Local clock offset: 0.102 ms
Remote clock offset: -5.334 ms

# Below is generated by plot.py at 2017-09-03 07:28:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.32 Mbit/s
95th percentile per-packet one-way delay: 20.876 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 90.32 Mbit/s
95th percentile per-packet one-way delay: 20.876 ms
Loss rate: 0.09%
```

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

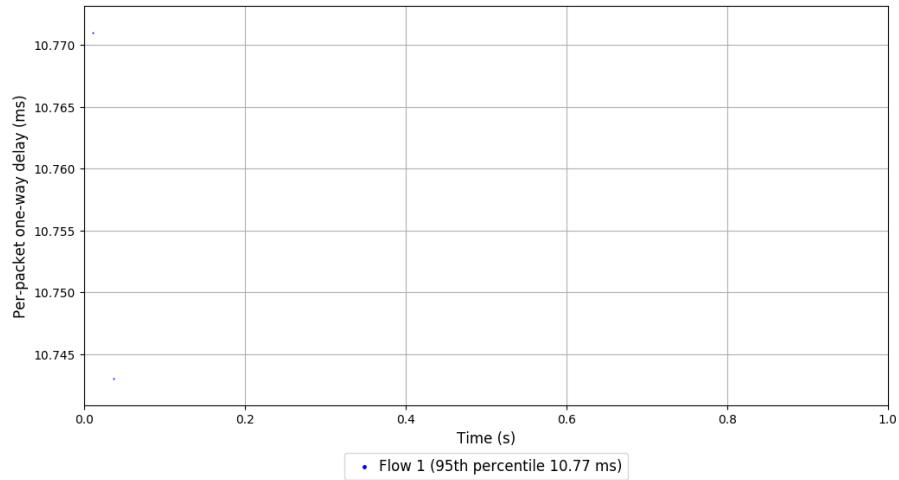
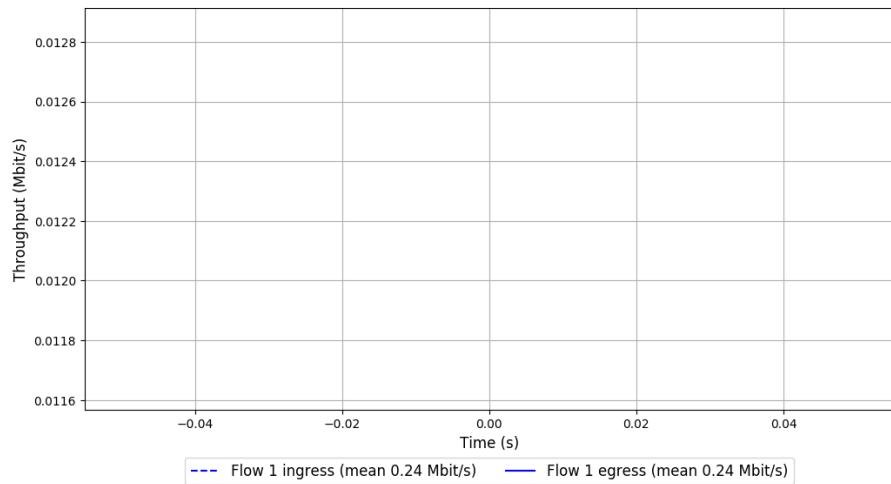
Start at: 2017-09-03 01:06:44

End at: 2017-09-03 01:07:14

Local clock offset: -0.708 ms

Remote clock offset: -1.515 ms

Run 1: Report of QUIC Cubic — Data Link

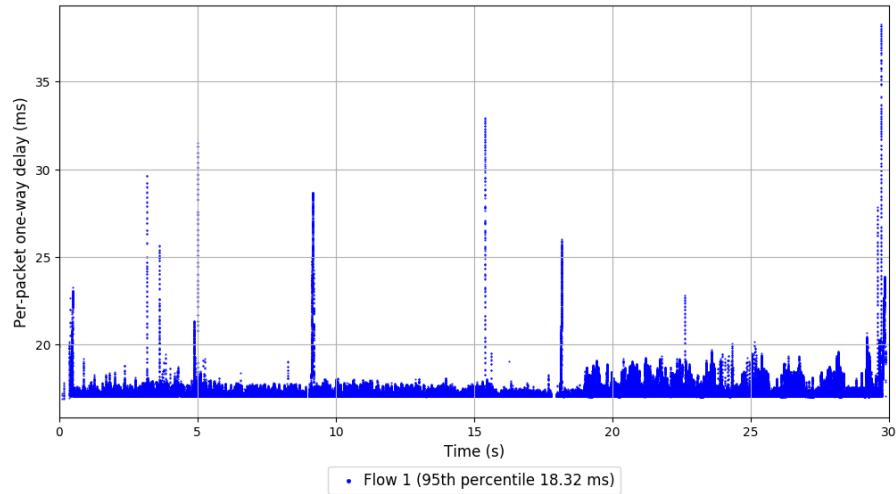
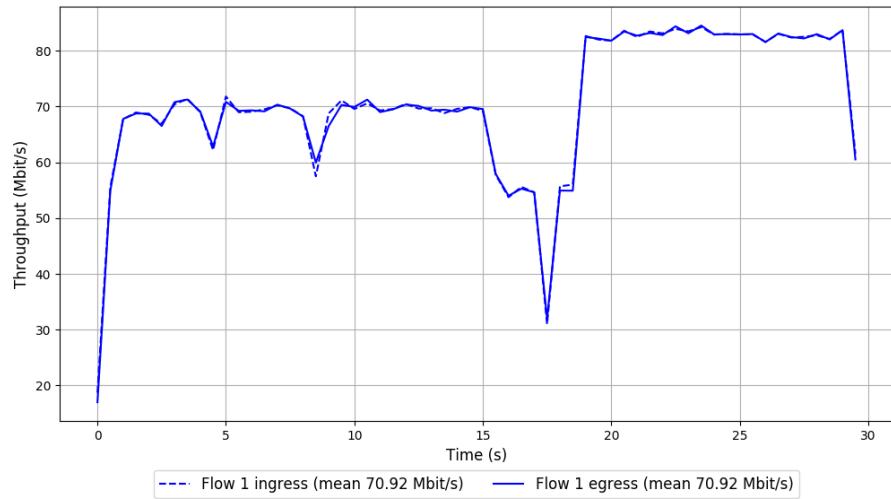


Run 2: Statistics of QUIC Cubic

```
Start at: 2017-09-03 01:24:13
End at: 2017-09-03 01:24:43
Local clock offset: -0.168 ms
Remote clock offset: -7.416 ms

# Below is generated by plot.py at 2017-09-03 07:29:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.92 Mbit/s
95th percentile per-packet one-way delay: 18.323 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 70.92 Mbit/s
95th percentile per-packet one-way delay: 18.323 ms
Loss rate: 0.09%
```

Run 2: Report of QUIC Cubic — Data Link

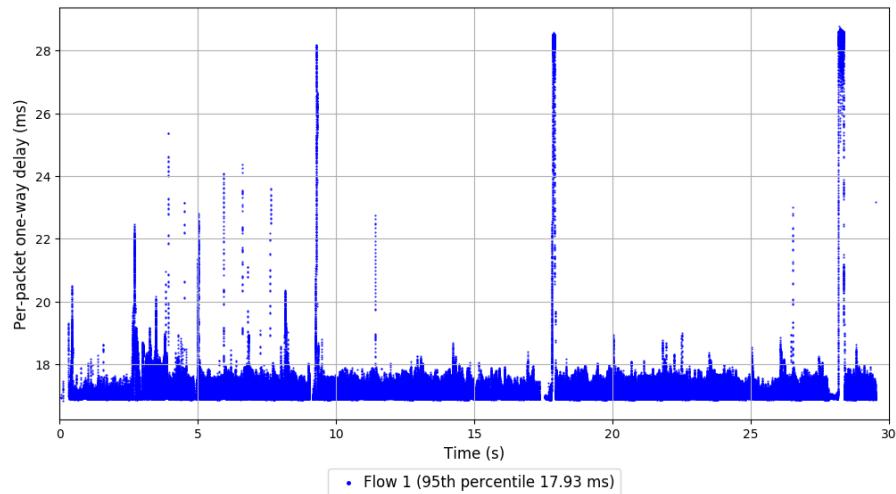
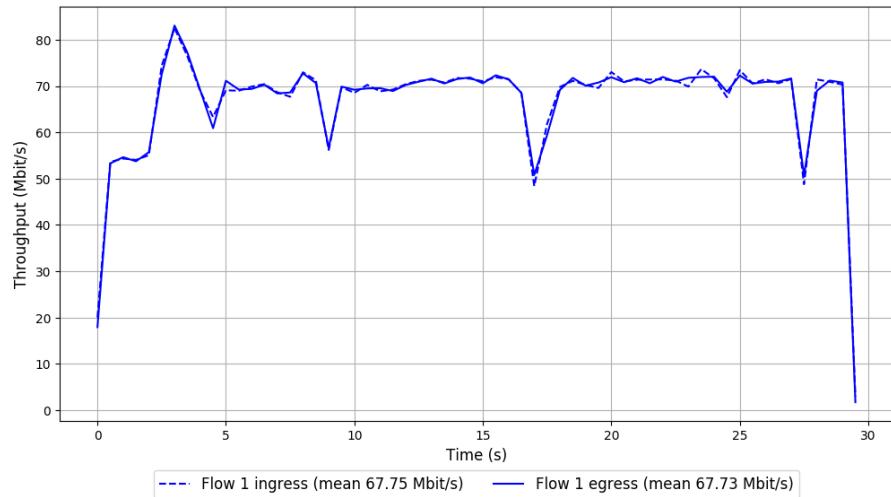


Run 3: Statistics of QUIC Cubic

```
Start at: 2017-09-03 01:42:01
End at: 2017-09-03 01:42:31
Local clock offset: 0.882 ms
Remote clock offset: -6.141 ms

# Below is generated by plot.py at 2017-09-03 07:29:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.73 Mbit/s
95th percentile per-packet one-way delay: 17.930 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 67.73 Mbit/s
95th percentile per-packet one-way delay: 17.930 ms
Loss rate: 0.09%
```

Run 3: Report of QUIC Cubic — Data Link

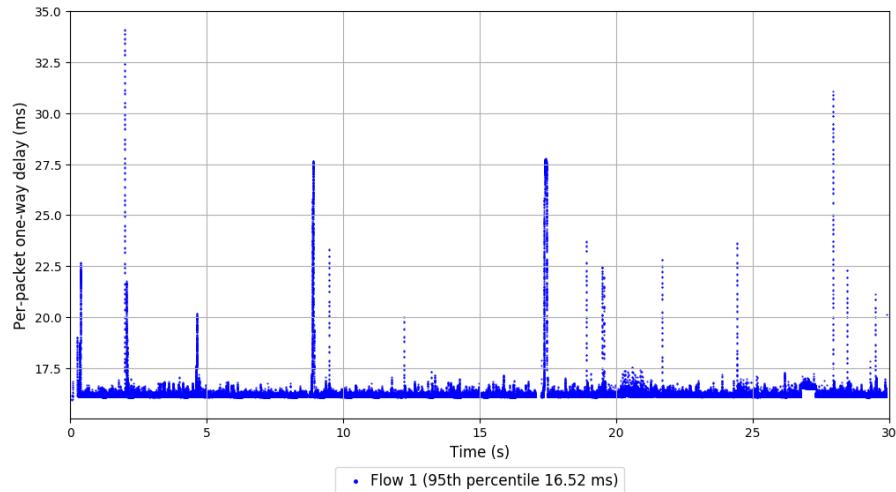
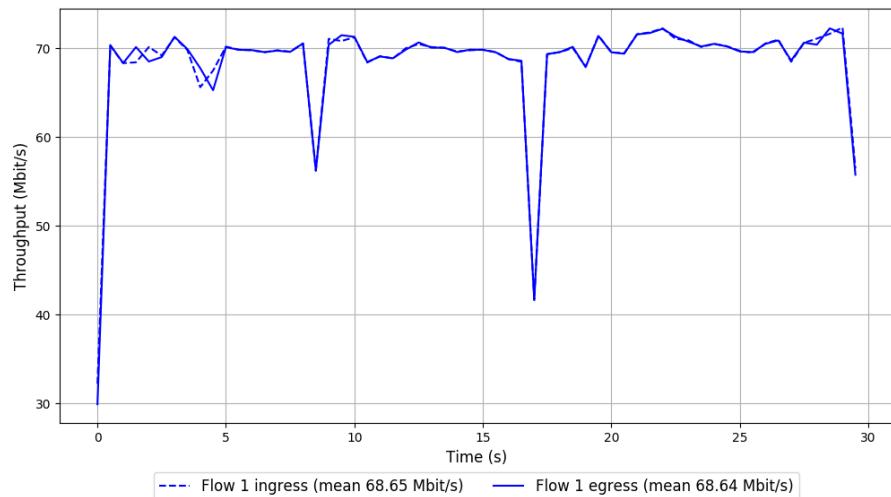


Run 4: Statistics of QUIC Cubic

```
Start at: 2017-09-03 01:59:40
End at: 2017-09-03 02:00:10
Local clock offset: 0.223 ms
Remote clock offset: -5.964 ms

# Below is generated by plot.py at 2017-09-03 07:29:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.64 Mbit/s
95th percentile per-packet one-way delay: 16.519 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 68.64 Mbit/s
95th percentile per-packet one-way delay: 16.519 ms
Loss rate: 0.09%
```

Run 4: Report of QUIC Cubic — Data Link

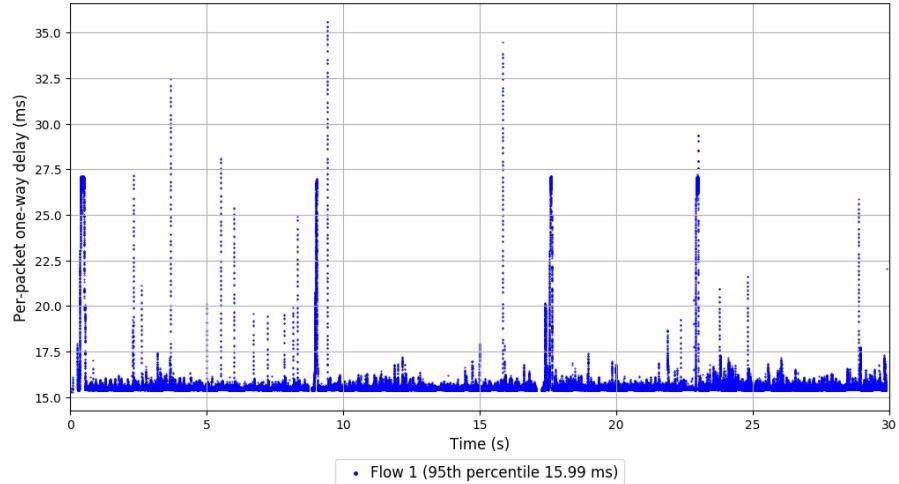
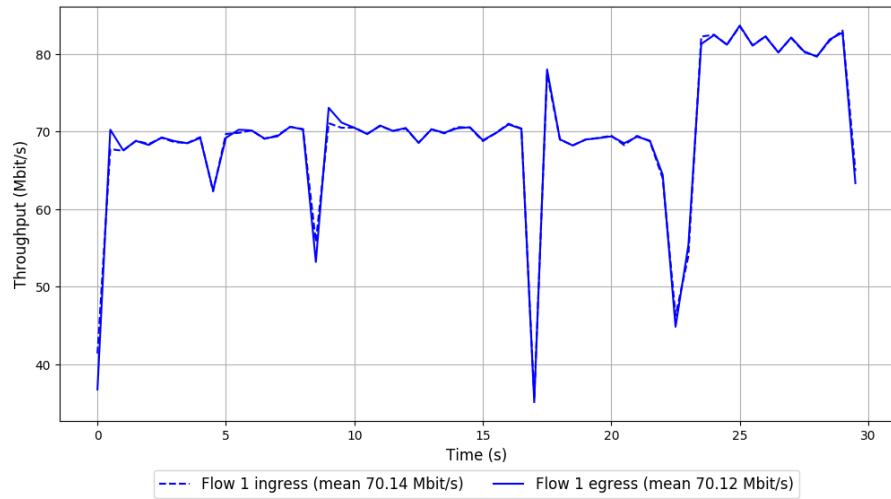


Run 5: Statistics of QUIC Cubic

```
Start at: 2017-09-03 02:17:36
End at: 2017-09-03 02:18:07
Local clock offset: -1.629 ms
Remote clock offset: -7.101 ms

# Below is generated by plot.py at 2017-09-03 07:29:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.12 Mbit/s
95th percentile per-packet one-way delay: 15.989 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 70.12 Mbit/s
95th percentile per-packet one-way delay: 15.989 ms
Loss rate: 0.10%
```

Run 5: Report of QUIC Cubic — Data Link

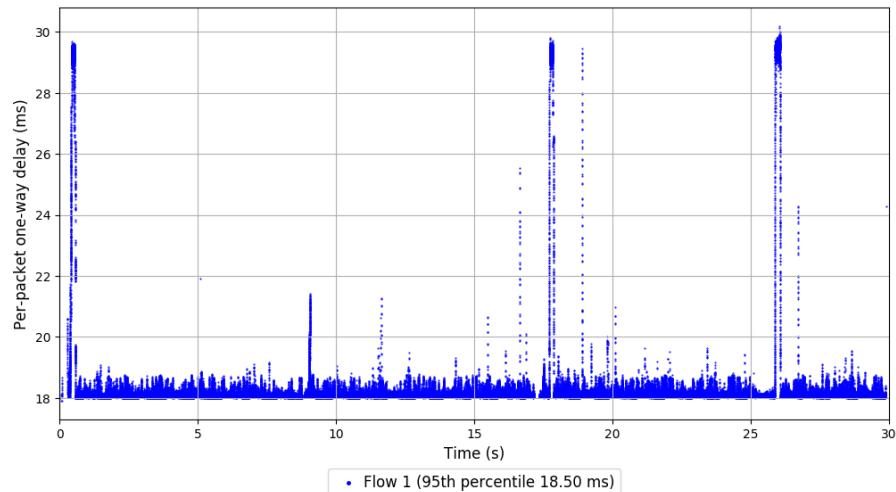
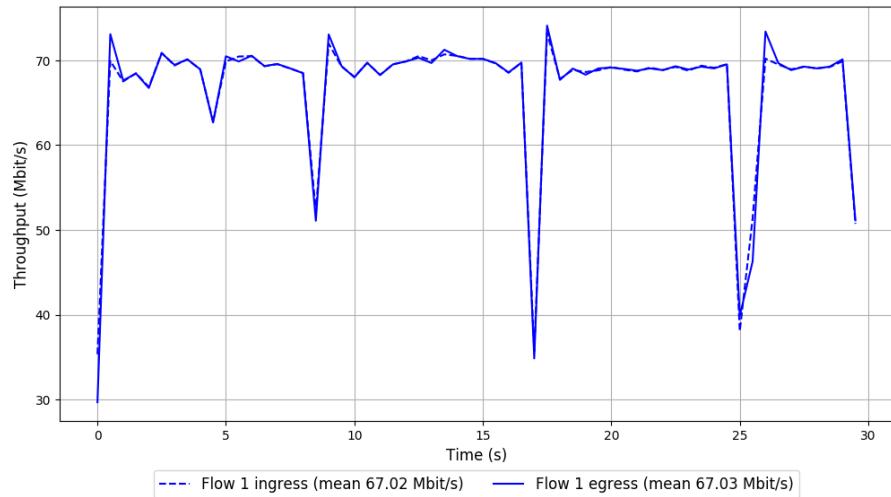


Run 6: Statistics of QUIC Cubic

```
Start at: 2017-09-03 02:35:23
End at: 2017-09-03 02:35:53
Local clock offset: 0.99 ms
Remote clock offset: -7.034 ms

# Below is generated by plot.py at 2017-09-03 07:29:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.03 Mbit/s
95th percentile per-packet one-way delay: 18.499 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 67.03 Mbit/s
95th percentile per-packet one-way delay: 18.499 ms
Loss rate: 0.05%
```

Run 6: Report of QUIC Cubic — Data Link

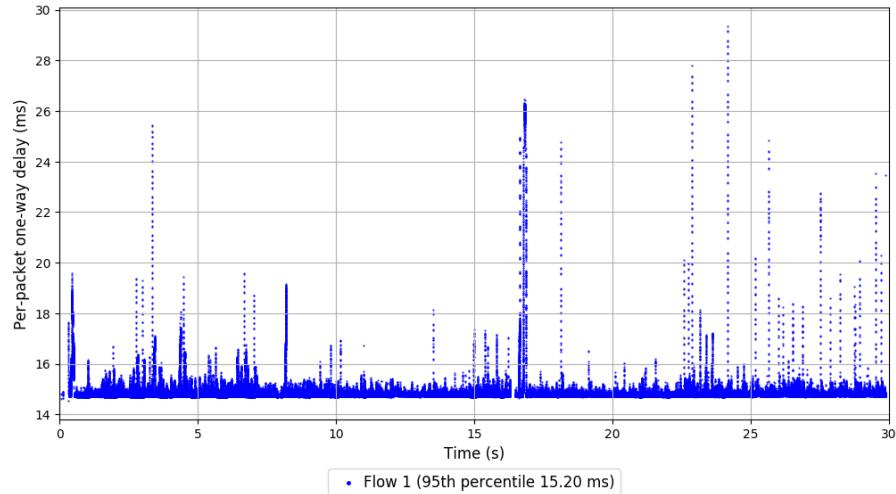
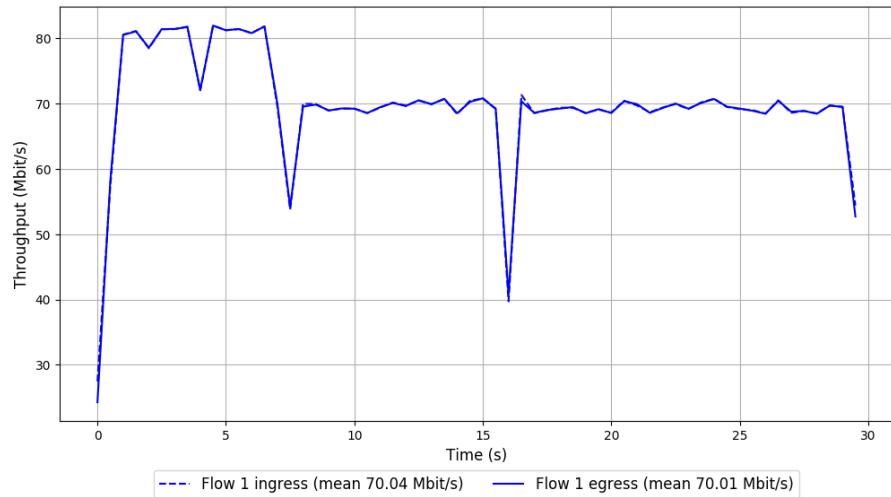


Run 7: Statistics of QUIC Cubic

```
Start at: 2017-09-03 02:53:25
End at: 2017-09-03 02:53:55
Local clock offset: -2.201 ms
Remote clock offset: -6.782 ms

# Below is generated by plot.py at 2017-09-03 07:29:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.01 Mbit/s
95th percentile per-packet one-way delay: 15.197 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 70.01 Mbit/s
95th percentile per-packet one-way delay: 15.197 ms
Loss rate: 0.09%
```

Run 7: Report of QUIC Cubic — Data Link

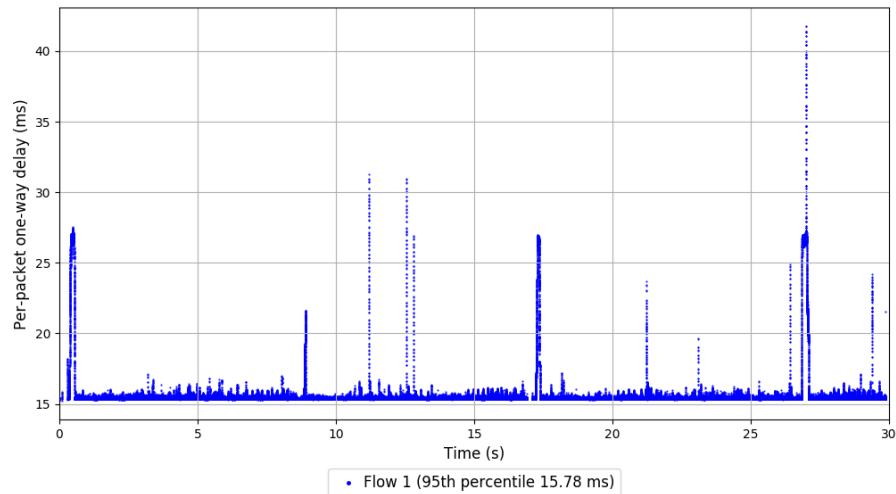
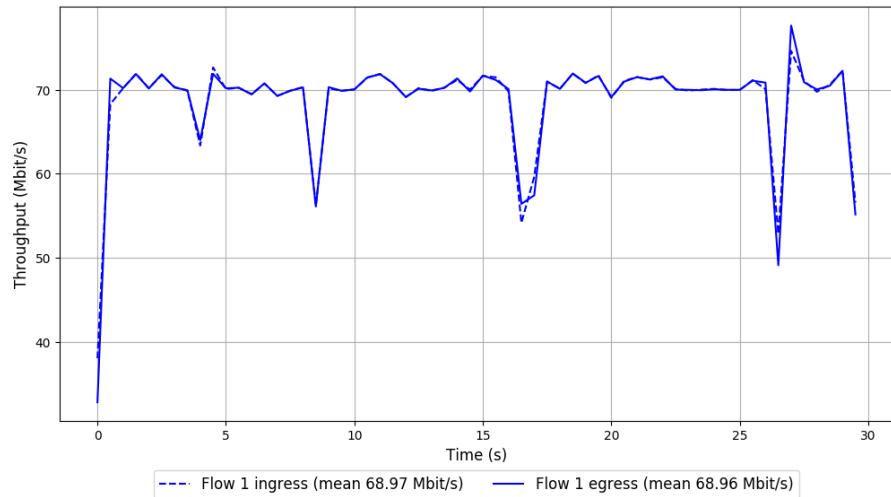


Run 8: Statistics of QUIC Cubic

```
Start at: 2017-09-03 03:11:09
End at: 2017-09-03 03:11:39
Local clock offset: -0.688 ms
Remote clock offset: -5.901 ms

# Below is generated by plot.py at 2017-09-03 07:29:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.96 Mbit/s
95th percentile per-packet one-way delay: 15.775 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 68.96 Mbit/s
95th percentile per-packet one-way delay: 15.775 ms
Loss rate: 0.09%
```

Run 8: Report of QUIC Cubic — Data Link

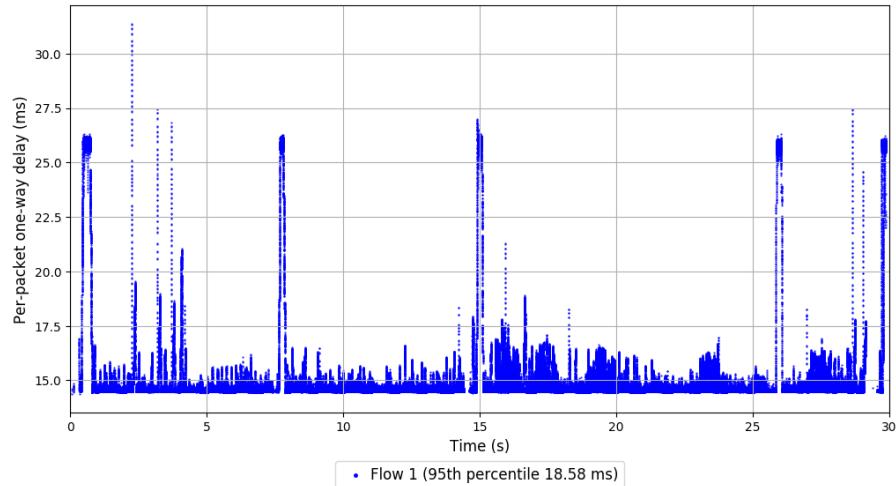
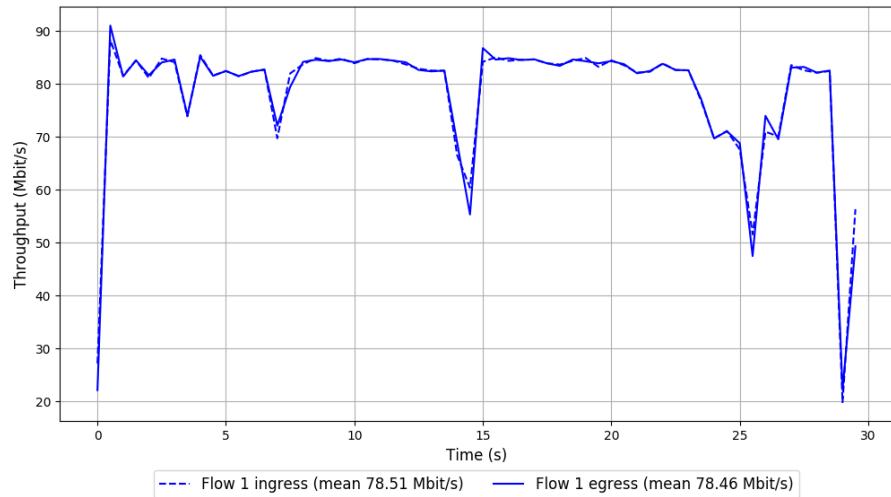


Run 9: Statistics of QUIC Cubic

```
Start at: 2017-09-03 03:29:06
End at: 2017-09-03 03:29:36
Local clock offset: -1.21 ms
Remote clock offset: -5.575 ms

# Below is generated by plot.py at 2017-09-03 07:29:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.46 Mbit/s
95th percentile per-packet one-way delay: 18.579 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 78.46 Mbit/s
95th percentile per-packet one-way delay: 18.579 ms
Loss rate: 0.15%
```

Run 9: Report of QUIC Cubic — Data Link

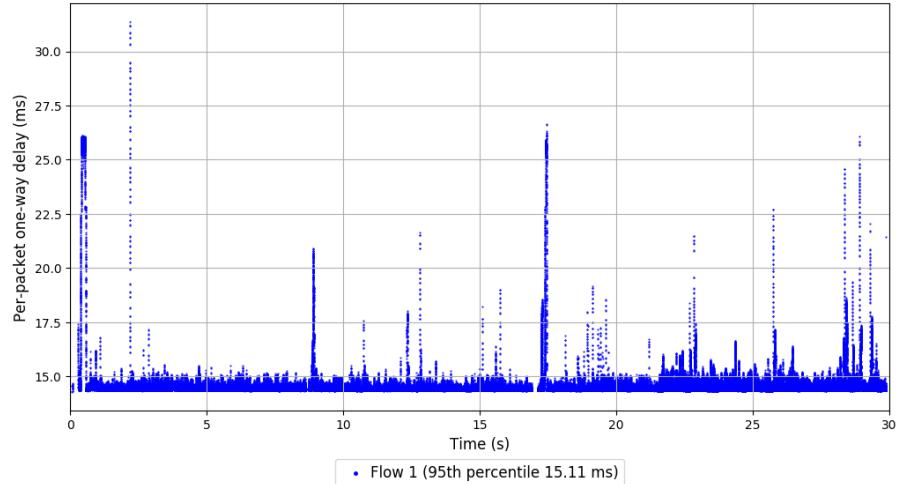
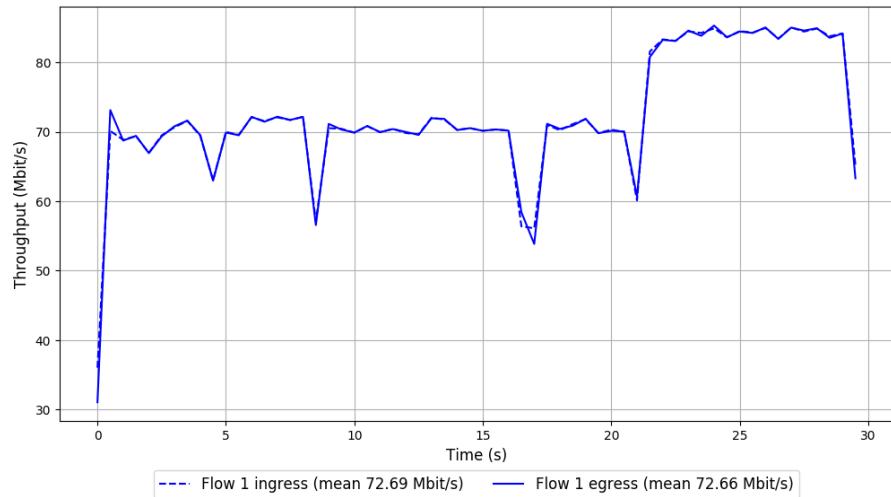


Run 10: Statistics of QUIC Cubic

```
Start at: 2017-09-03 03:47:07
End at: 2017-09-03 03:47:37
Local clock offset: -1.831 ms
Remote clock offset: -6.206 ms

# Below is generated by plot.py at 2017-09-03 07:29:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.66 Mbit/s
95th percentile per-packet one-way delay: 15.105 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 72.66 Mbit/s
95th percentile per-packet one-way delay: 15.105 ms
Loss rate: 0.10%
```

Run 10: Report of QUIC Cubic — Data Link

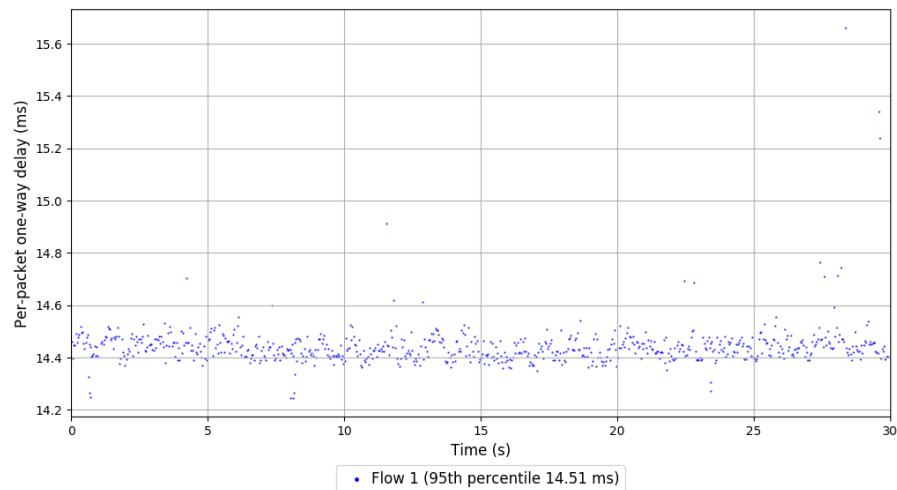
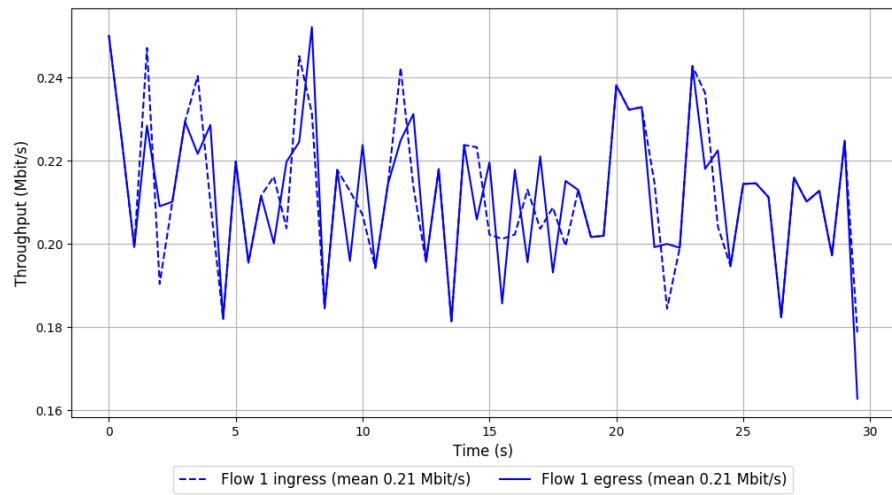


Run 1: Statistics of SCReAM

```
Start at: 2017-09-03 00:58:33
End at: 2017-09-03 00:59:03
Local clock offset: 0.382 ms
Remote clock offset: -3.992 ms

# Below is generated by plot.py at 2017-09-03 07:29:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 14.514 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 14.514 ms
Loss rate: 0.13%
```

Run 1: Report of SCReAM — Data Link

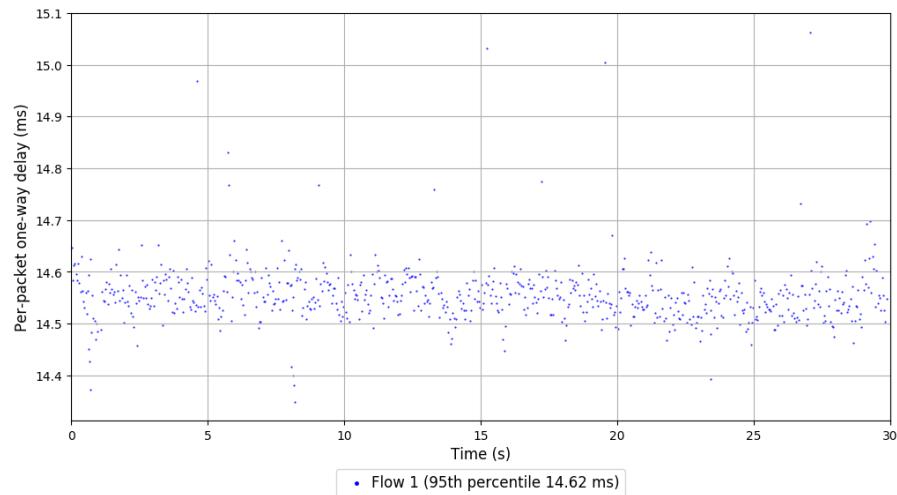
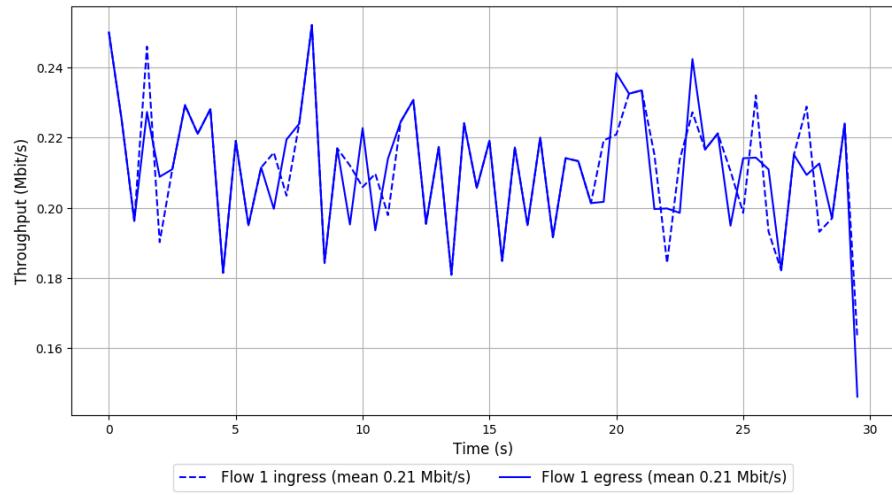


Run 2: Statistics of SCReAM

```
Start at: 2017-09-03 01:15:55
End at: 2017-09-03 01:16:25
Local clock offset: -0.315 ms
Remote clock offset: -4.932 ms

# Below is generated by plot.py at 2017-09-03 07:29:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 14.621 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 14.621 ms
Loss rate: 0.13%
```

Run 2: Report of SCReAM — Data Link

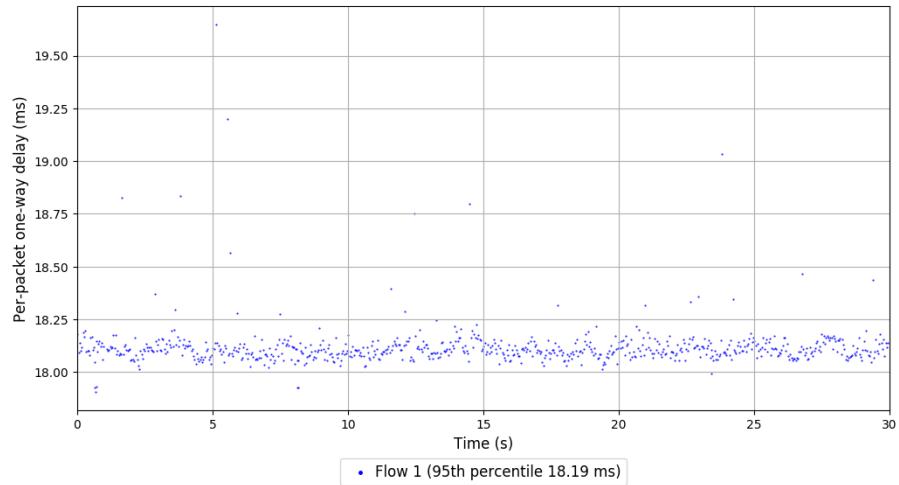
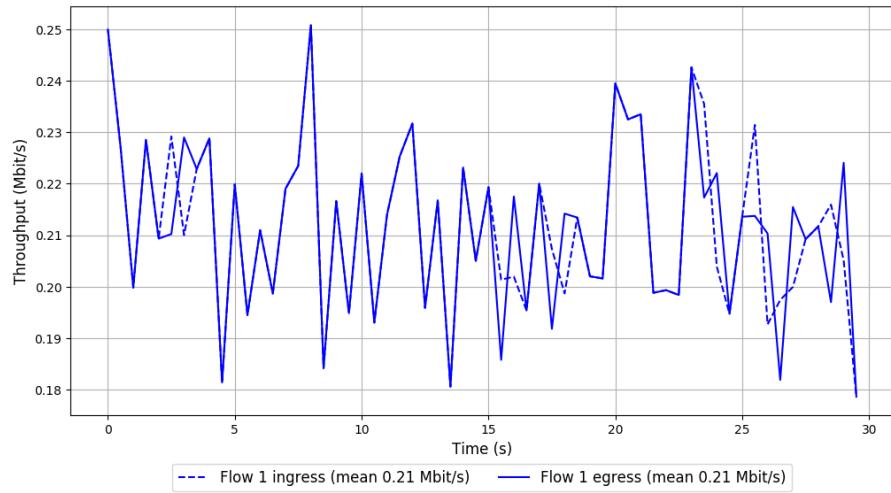


Run 3: Statistics of SCReAM

```
Start at: 2017-09-03 01:33:47
End at: 2017-09-03 01:34:17
Local clock offset: 0.528 ms
Remote clock offset: -7.638 ms

# Below is generated by plot.py at 2017-09-03 07:29:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 18.187 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 18.187 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

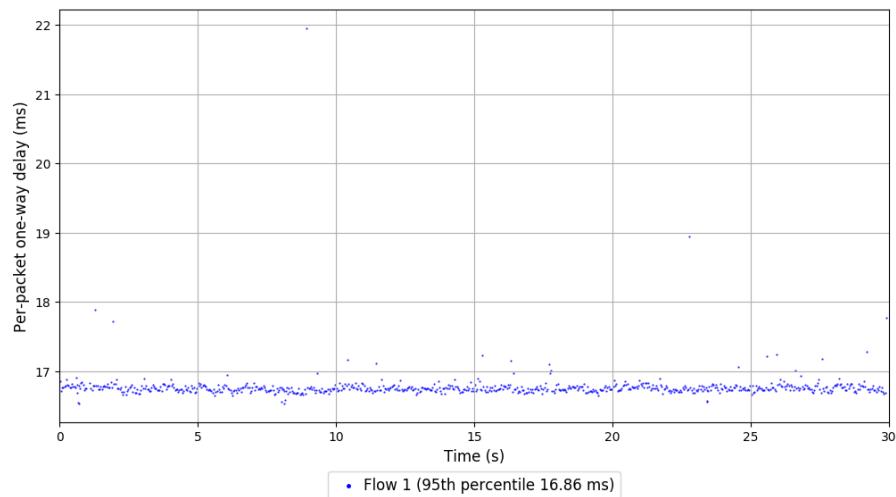
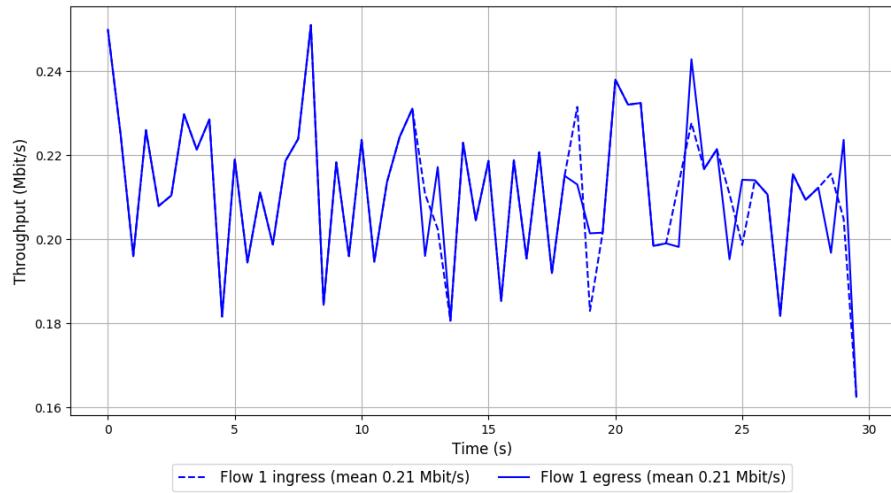


Run 4: Statistics of SCReAM

```
Start at: 2017-09-03 01:51:24
End at: 2017-09-03 01:51:54
Local clock offset: -0.223 ms
Remote clock offset: -6.973 ms

# Below is generated by plot.py at 2017-09-03 07:29:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 16.855 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 16.855 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

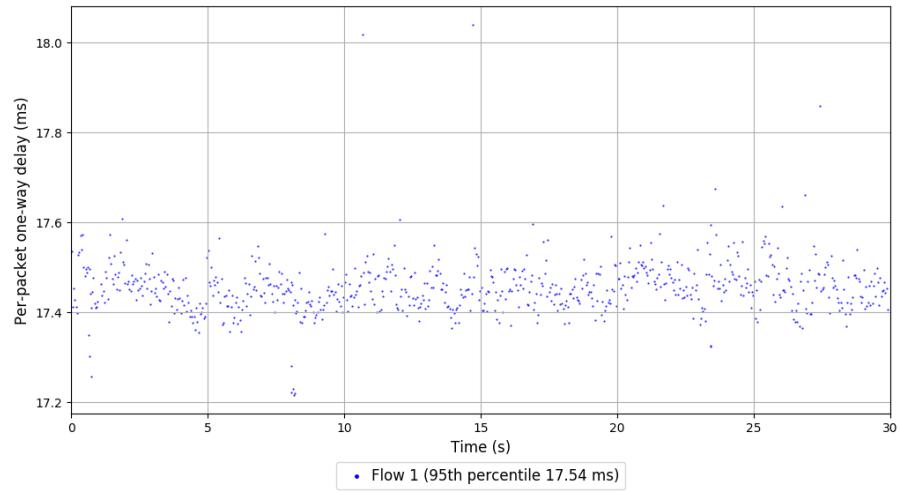
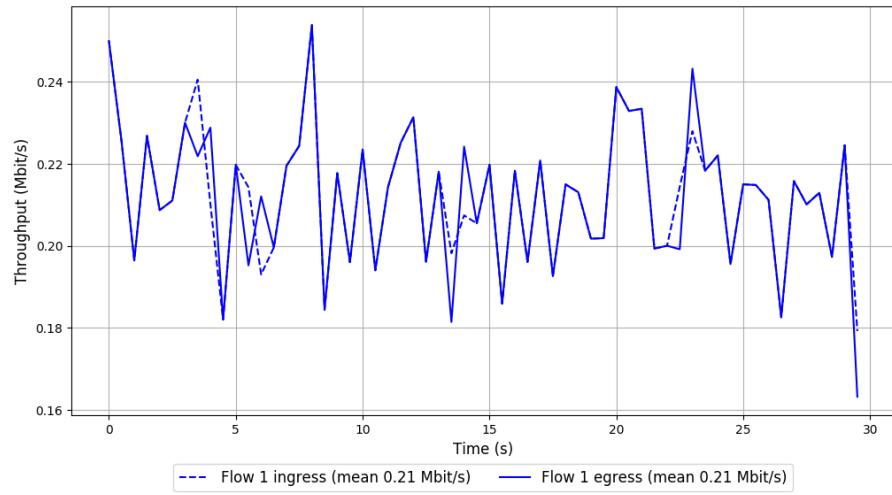


Run 5: Statistics of SCReAM

```
Start at: 2017-09-03 02:09:13
End at: 2017-09-03 02:09:43
Local clock offset: 0.697 ms
Remote clock offset: -6.665 ms

# Below is generated by plot.py at 2017-09-03 07:29:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 17.543 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 17.543 ms
Loss rate: 0.13%
```

Run 5: Report of SCReAM — Data Link

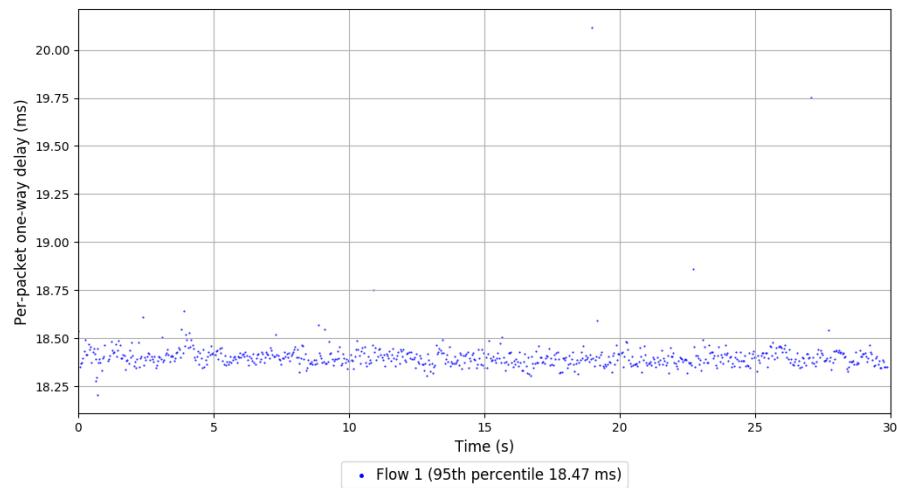
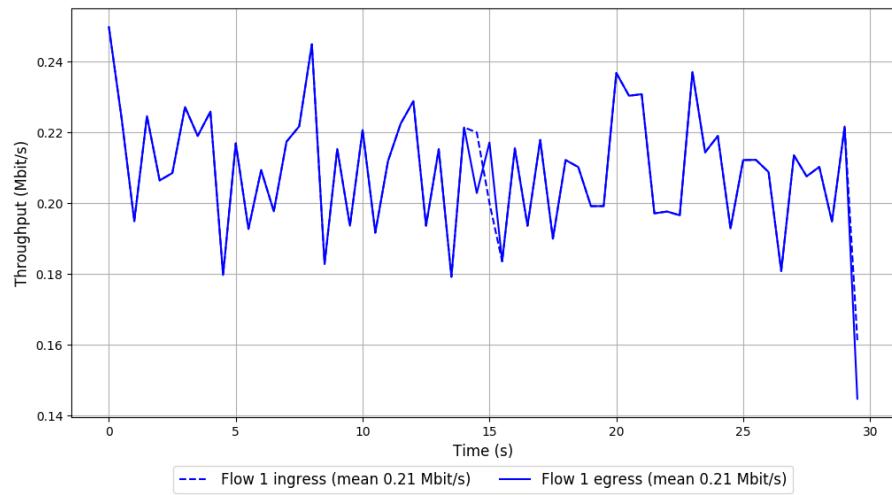


Run 6: Statistics of SCReAM

```
Start at: 2017-09-03 02:27:02
End at: 2017-09-03 02:27:32
Local clock offset: 1.392 ms
Remote clock offset: -6.866 ms

# Below is generated by plot.py at 2017-09-03 07:29:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 18.466 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 18.466 ms
Loss rate: 0.13%
```

Run 6: Report of SCReAM — Data Link

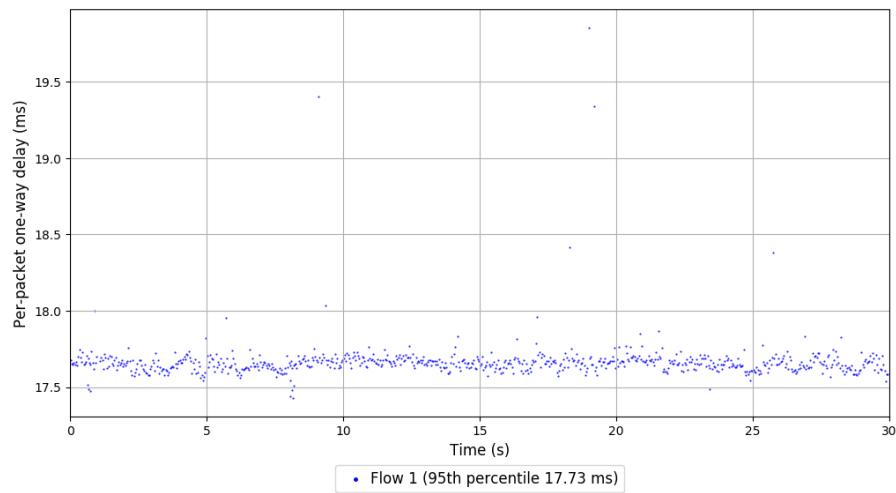
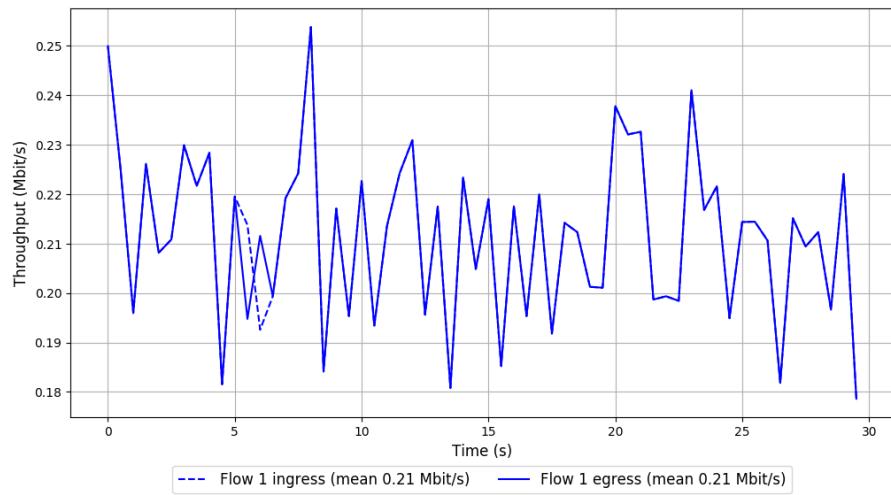


Run 7: Statistics of SCReAM

```
Start at: 2017-09-03 02:44:52
End at: 2017-09-03 02:45:22
Local clock offset: 0.04 ms
Remote clock offset: -7.436 ms

# Below is generated by plot.py at 2017-09-03 07:29:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 17.734 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 17.734 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

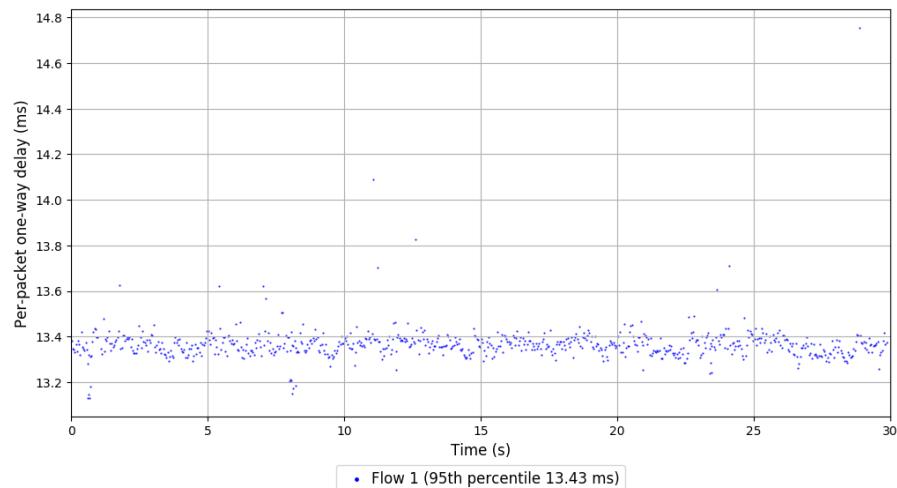
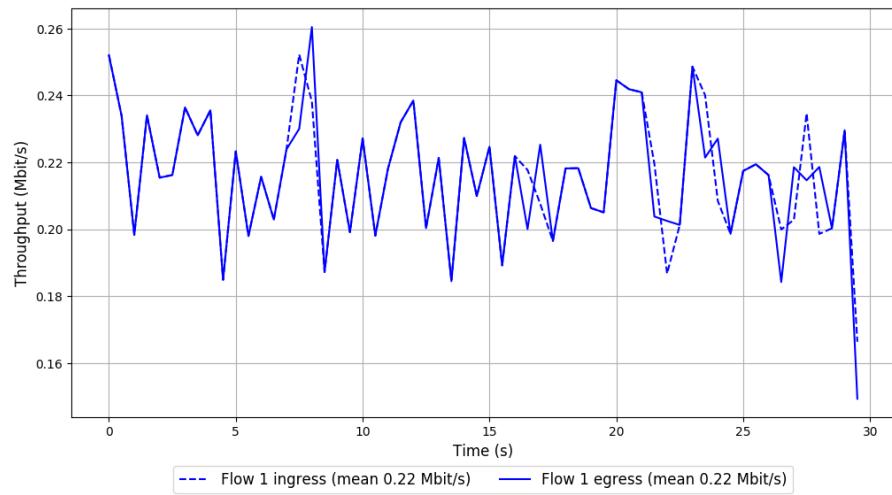


Run 8: Statistics of SCReAM

```
Start at: 2017-09-03 03:02:49
End at: 2017-09-03 03:03:19
Local clock offset: -1.701 ms
Remote clock offset: -4.888 ms

# Below is generated by plot.py at 2017-09-03 07:29:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 13.434 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 13.434 ms
Loss rate: 0.13%
```

Run 8: Report of SCReAM — Data Link

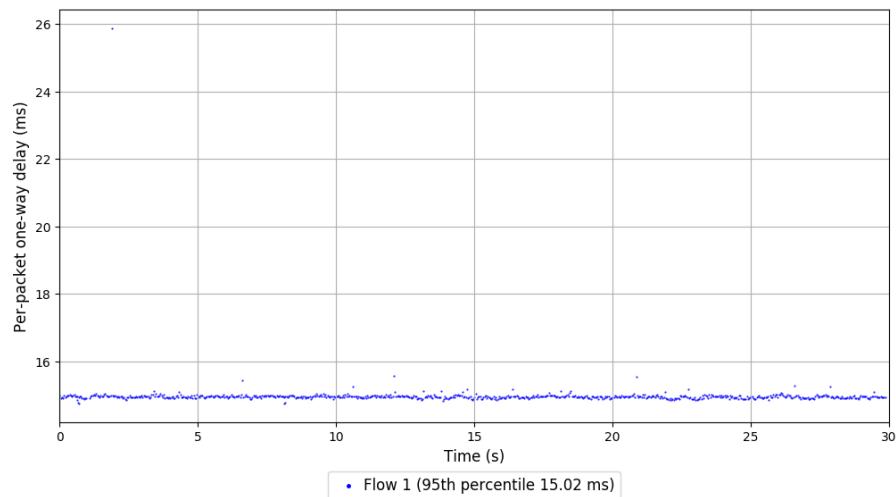
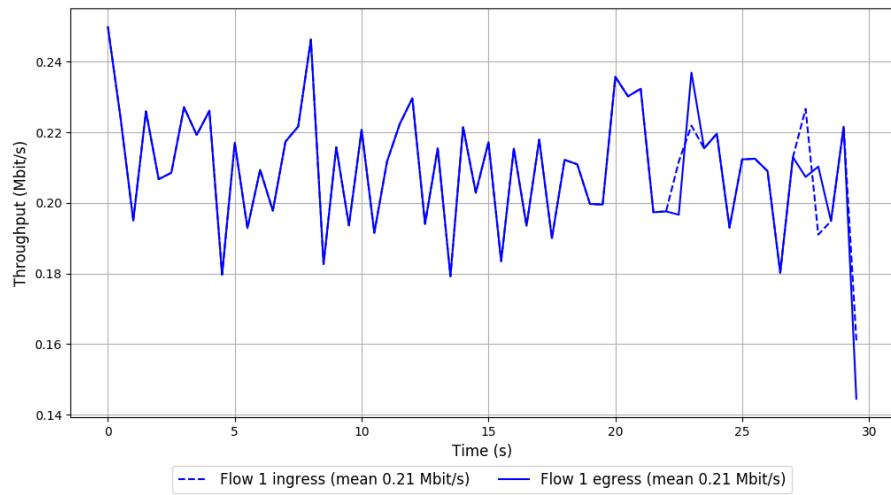


Run 9: Statistics of SCReAM

```
Start at: 2017-09-03 03:20:43
End at: 2017-09-03 03:21:13
Local clock offset: -1.794 ms
Remote clock offset: -6.559 ms

# Below is generated by plot.py at 2017-09-03 07:29:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 15.022 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 15.022 ms
Loss rate: 0.13%
```

Run 9: Report of SCReAM — Data Link

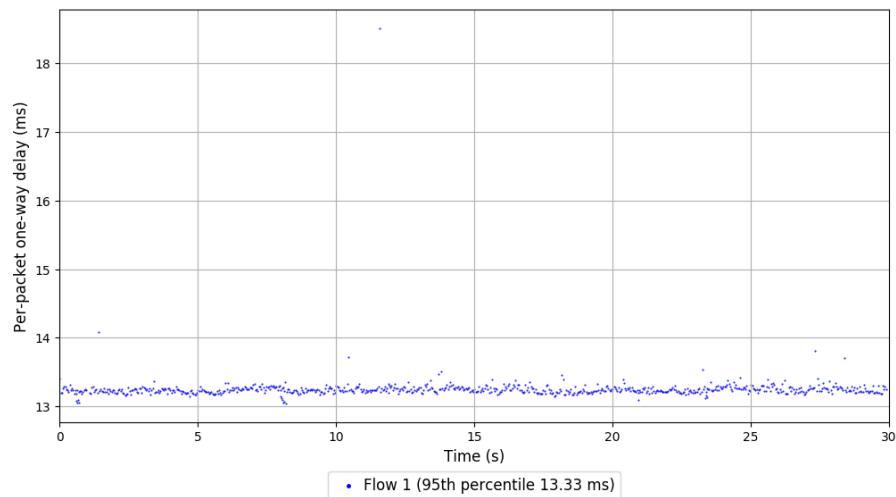
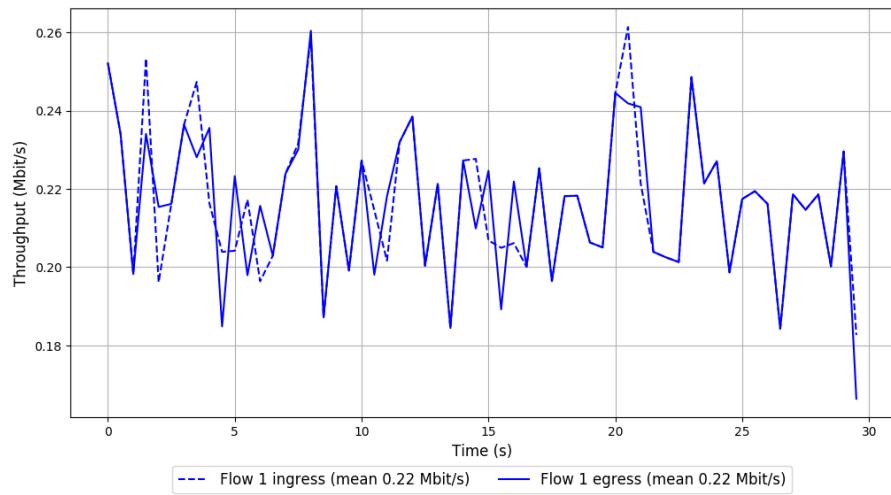


Run 10: Statistics of SCReAM

```
Start at: 2017-09-03 03:38:50
End at: 2017-09-03 03:39:20
Local clock offset: -1.375 ms
Remote clock offset: -4.486 ms

# Below is generated by plot.py at 2017-09-03 07:29:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 13.330 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 13.330 ms
Loss rate: 0.13%
```

Run 10: Report of SCReAM — Data Link

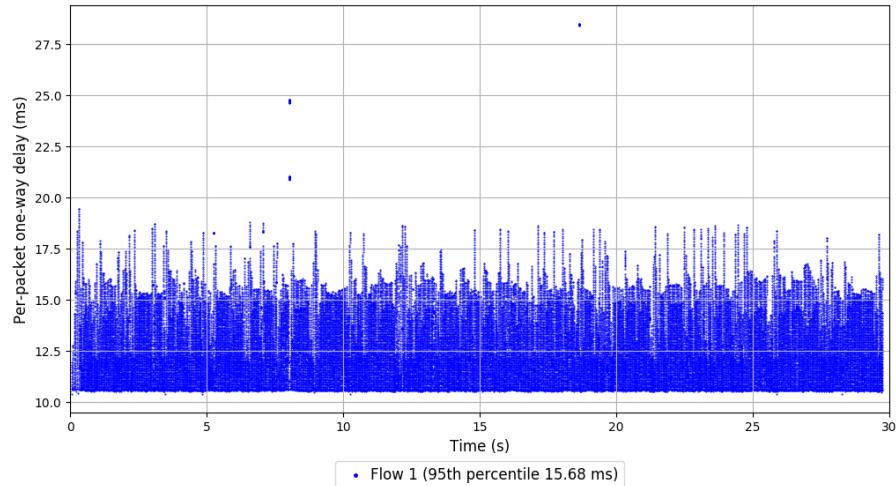
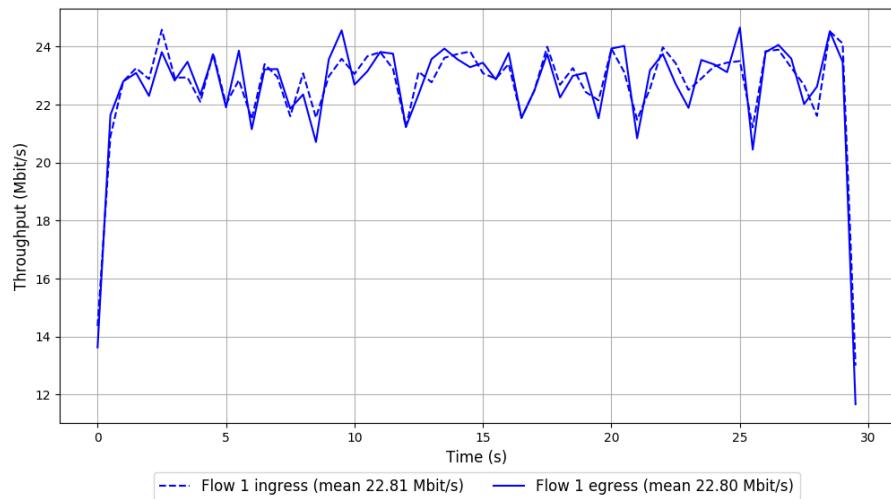


Run 1: Statistics of Sprout

```
Start at: 2017-09-03 00:53:53
End at: 2017-09-03 00:54:23
Local clock offset: -1.348 ms
Remote clock offset: -1.771 ms

# Below is generated by plot.py at 2017-09-03 07:29:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.80 Mbit/s
95th percentile per-packet one-way delay: 15.683 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 22.80 Mbit/s
95th percentile per-packet one-way delay: 15.683 ms
Loss rate: 0.14%
```

Run 1: Report of Sprout — Data Link

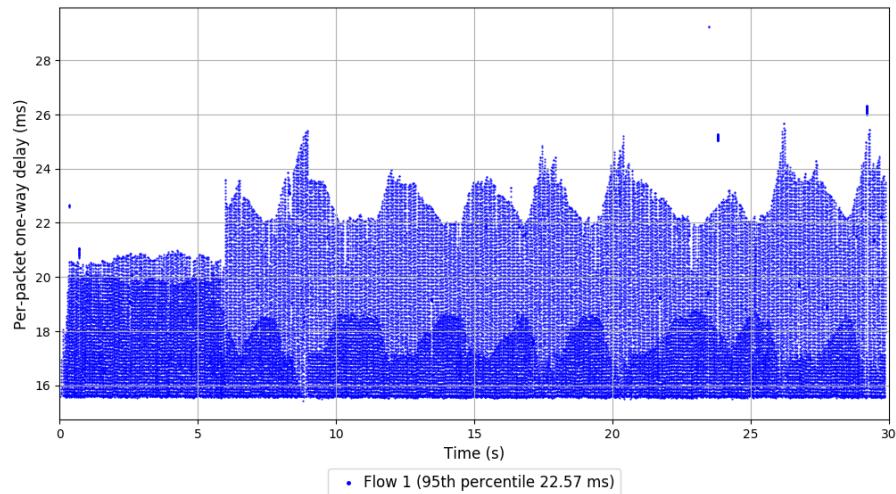
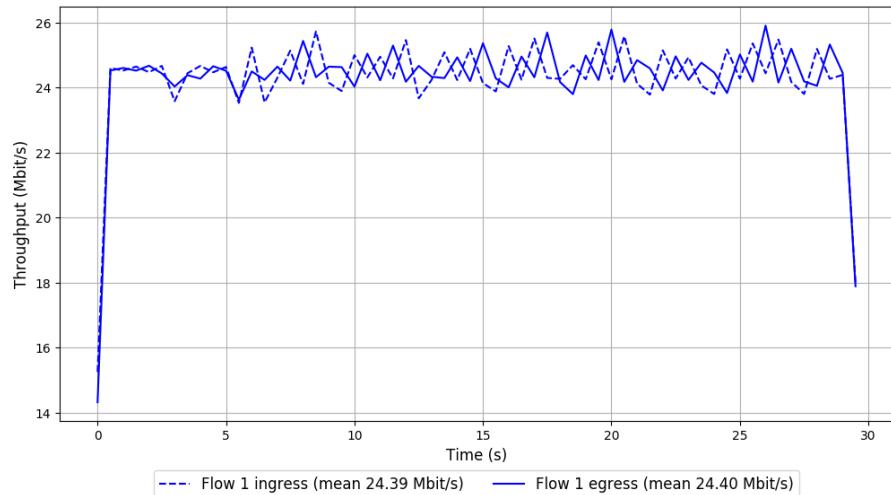


Run 2: Statistics of Sprout

```
Start at: 2017-09-03 01:11:16
End at: 2017-09-03 01:11:46
Local clock offset: 0.999 ms
Remote clock offset: -4.605 ms

# Below is generated by plot.py at 2017-09-03 07:29:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.40 Mbit/s
95th percentile per-packet one-way delay: 22.565 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 24.40 Mbit/s
95th percentile per-packet one-way delay: 22.565 ms
Loss rate: 0.02%
```

Run 2: Report of Sprout — Data Link

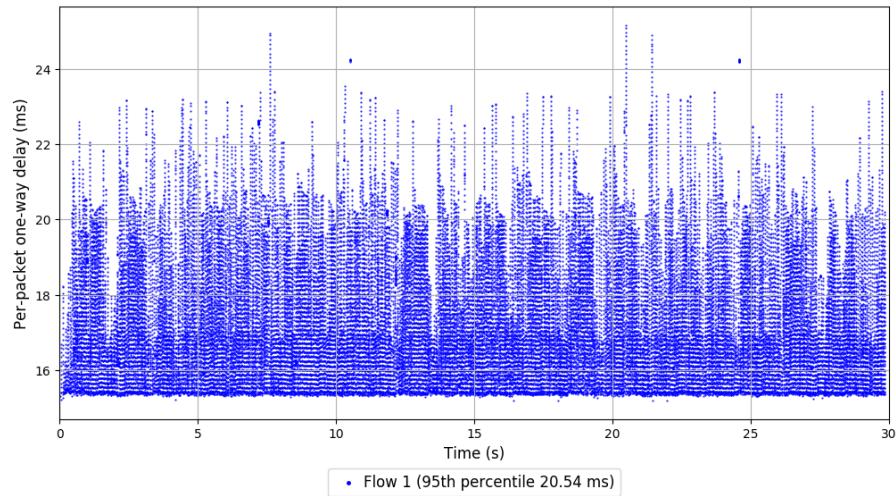
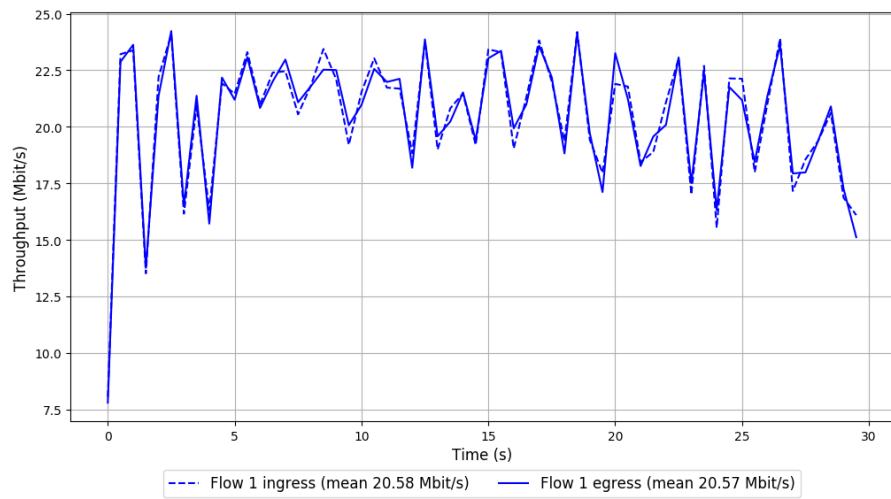


Run 3: Statistics of Sprout

```
Start at: 2017-09-03 01:28:58
End at: 2017-09-03 01:29:28
Local clock offset: -2.329 ms
Remote clock offset: -7.844 ms

# Below is generated by plot.py at 2017-09-03 07:29:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.57 Mbit/s
95th percentile per-packet one-way delay: 20.538 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 20.57 Mbit/s
95th percentile per-packet one-way delay: 20.538 ms
Loss rate: 0.10%
```

Run 3: Report of Sprout — Data Link

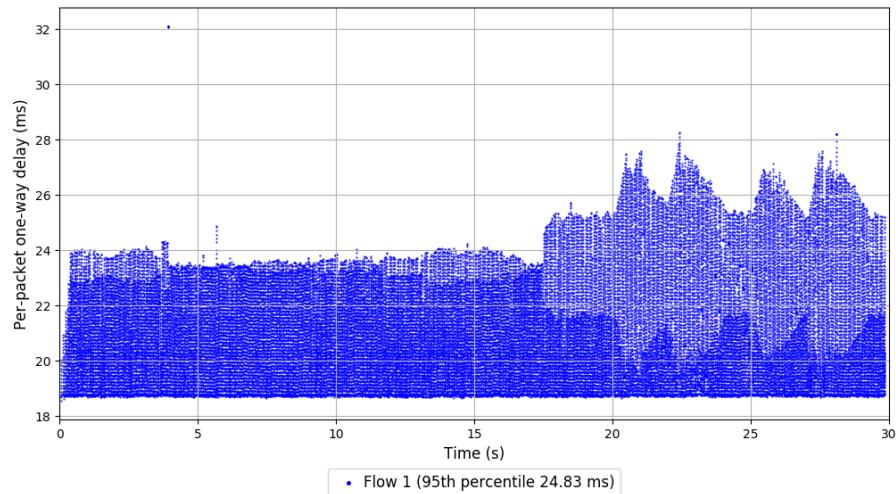
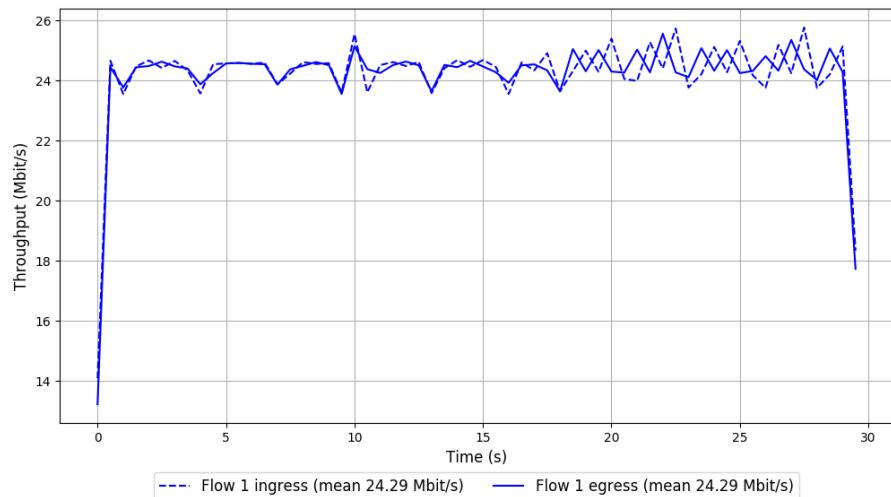


Run 4: Statistics of Sprout

```
Start at: 2017-09-03 01:46:38
End at: 2017-09-03 01:47:08
Local clock offset: 1.013 ms
Remote clock offset: -7.755 ms

# Below is generated by plot.py at 2017-09-03 07:29:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.29 Mbit/s
95th percentile per-packet one-way delay: 24.832 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.29 Mbit/s
95th percentile per-packet one-way delay: 24.832 ms
Loss rate: 0.14%
```

Run 4: Report of Sprout — Data Link

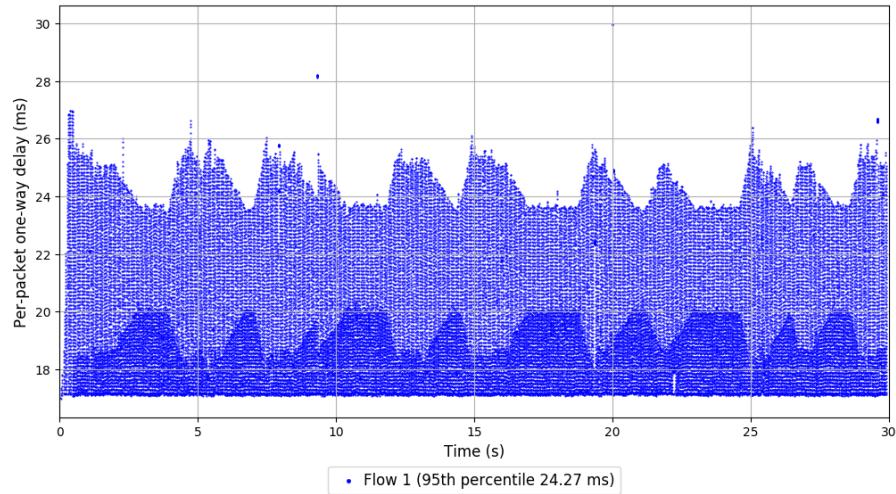
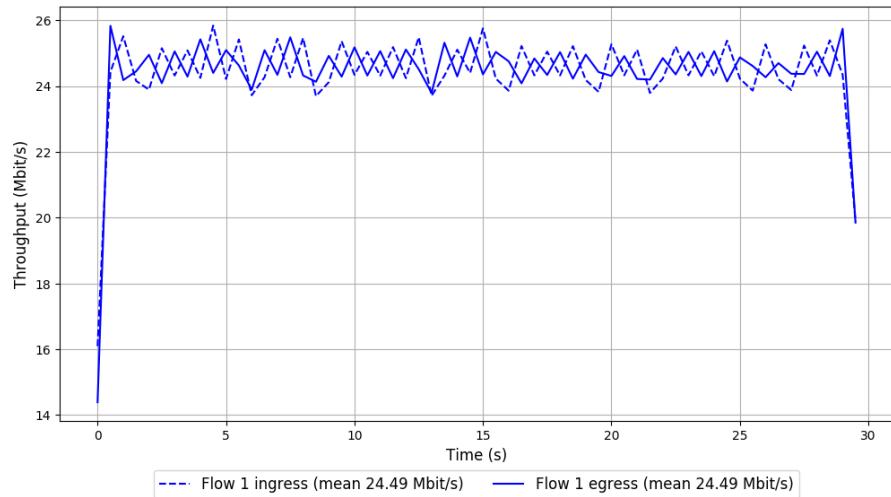


Run 5: Statistics of Sprout

```
Start at: 2017-09-03 02:04:30
End at: 2017-09-03 02:05:00
Local clock offset: -0.236 ms
Remote clock offset: -7.339 ms

# Below is generated by plot.py at 2017-09-03 07:29:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.49 Mbit/s
95th percentile per-packet one-way delay: 24.275 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 24.49 Mbit/s
95th percentile per-packet one-way delay: 24.275 ms
Loss rate: 0.02%
```

Run 5: Report of Sprout — Data Link

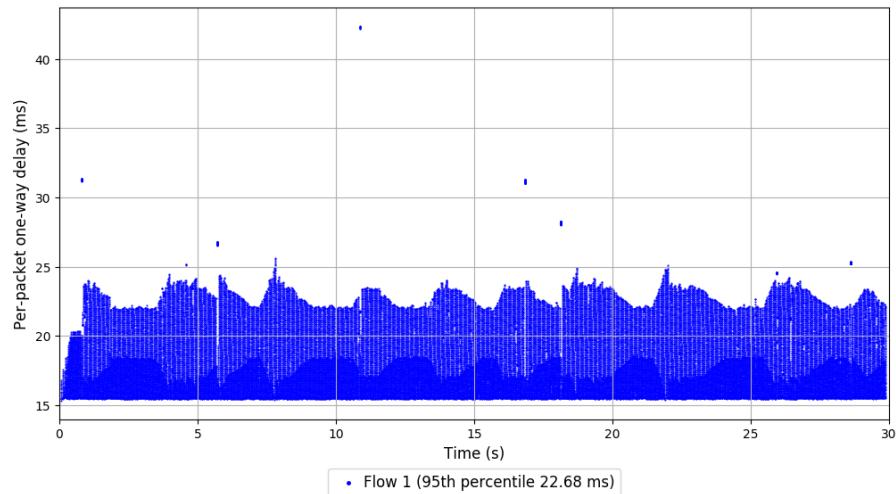
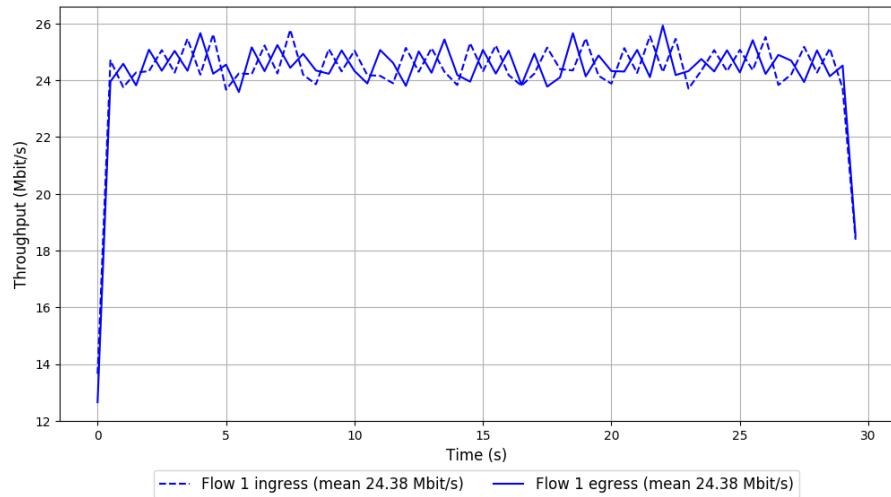


Run 6: Statistics of Sprout

```
Start at: 2017-09-03 02:22:23
End at: 2017-09-03 02:22:53
Local clock offset: -1.84 ms
Remote clock offset: -7.256 ms

# Below is generated by plot.py at 2017-09-03 07:29:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.38 Mbit/s
95th percentile per-packet one-way delay: 22.685 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 24.38 Mbit/s
95th percentile per-packet one-way delay: 22.685 ms
Loss rate: 0.04%
```

Run 6: Report of Sprout — Data Link

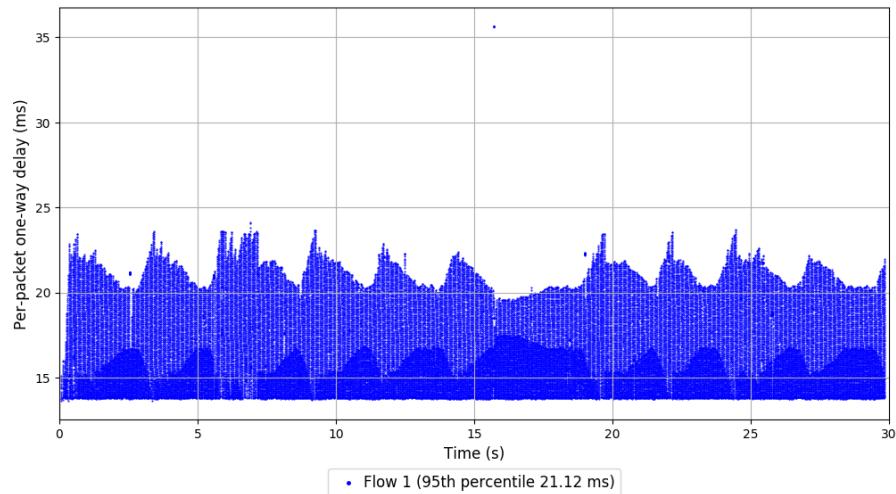
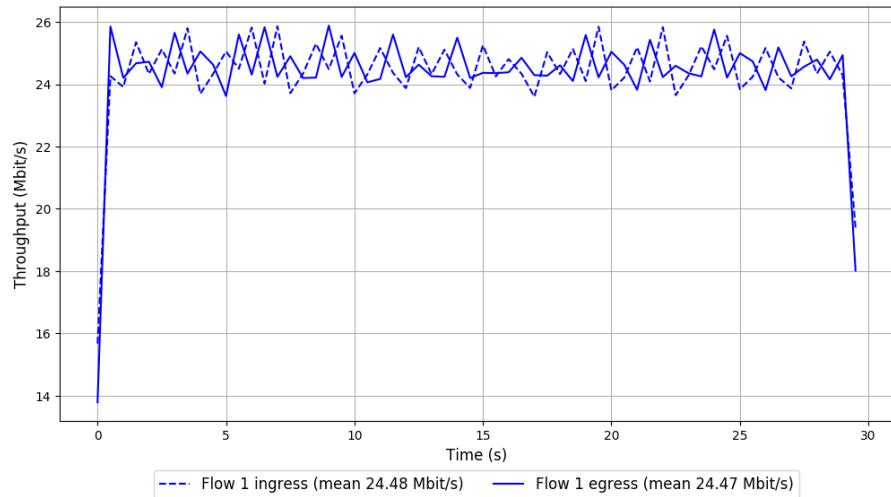


Run 7: Statistics of Sprout

```
Start at: 2017-09-03 02:40:04
End at: 2017-09-03 02:40:35
Local clock offset: -2.729 ms
Remote clock offset: -6.321 ms

# Below is generated by plot.py at 2017-09-03 07:30:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 21.117 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 21.117 ms
Loss rate: 0.13%
```

Run 7: Report of Sprout — Data Link

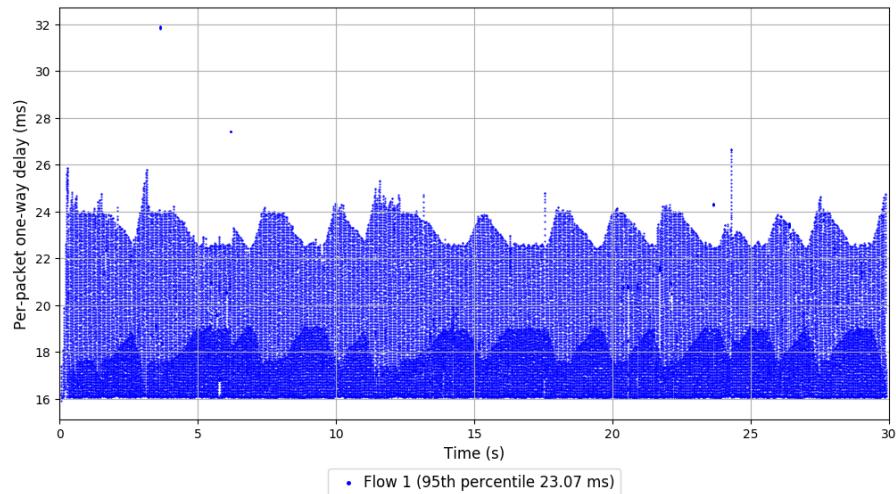
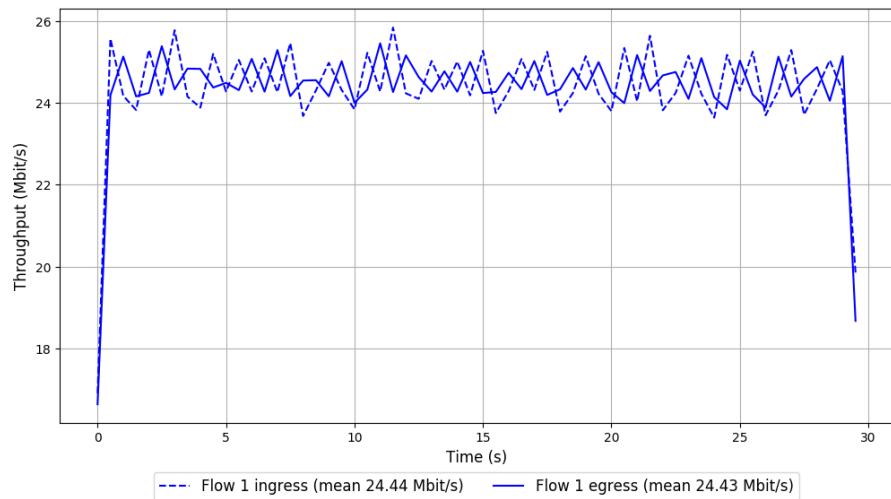


Run 8: Statistics of Sprout

```
Start at: 2017-09-03 02:58:09
End at: 2017-09-03 02:58:39
Local clock offset: 0.91 ms
Remote clock offset: -4.969 ms

# Below is generated by plot.py at 2017-09-03 07:30:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.43 Mbit/s
95th percentile per-packet one-way delay: 23.066 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 24.43 Mbit/s
95th percentile per-packet one-way delay: 23.066 ms
Loss rate: 0.12%
```

Run 8: Report of Sprout — Data Link

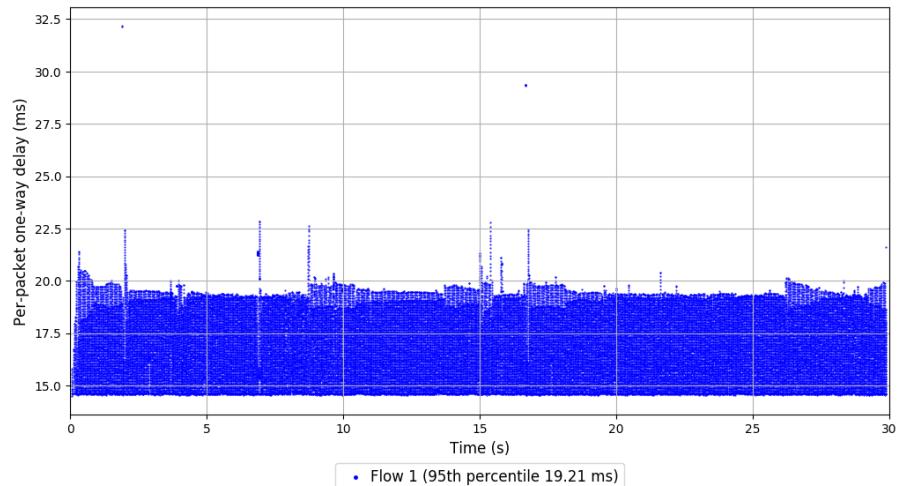
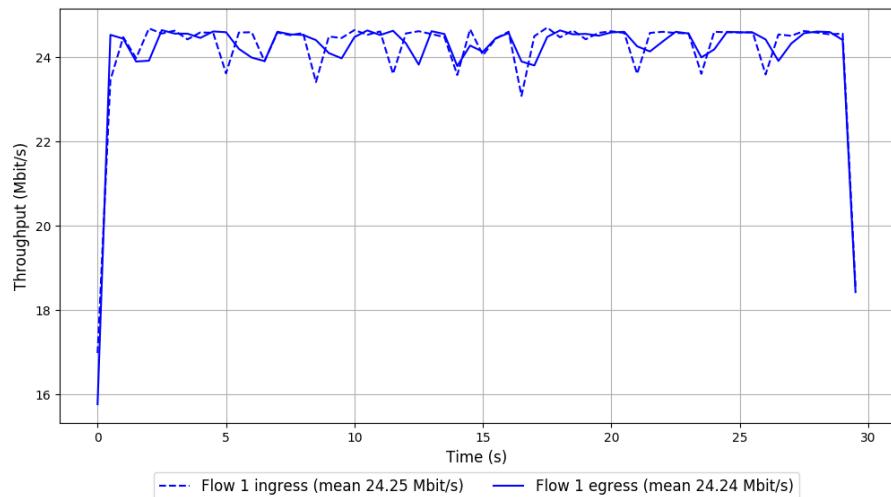


Run 9: Statistics of Sprout

```
Start at: 2017-09-03 03:15:53
End at: 2017-09-03 03:16:23
Local clock offset: -1.752 ms
Remote clock offset: -6.177 ms

# Below is generated by plot.py at 2017-09-03 07:30:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.24 Mbit/s
95th percentile per-packet one-way delay: 19.213 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 24.24 Mbit/s
95th percentile per-packet one-way delay: 19.213 ms
Loss rate: 0.08%
```

Run 9: Report of Sprout — Data Link

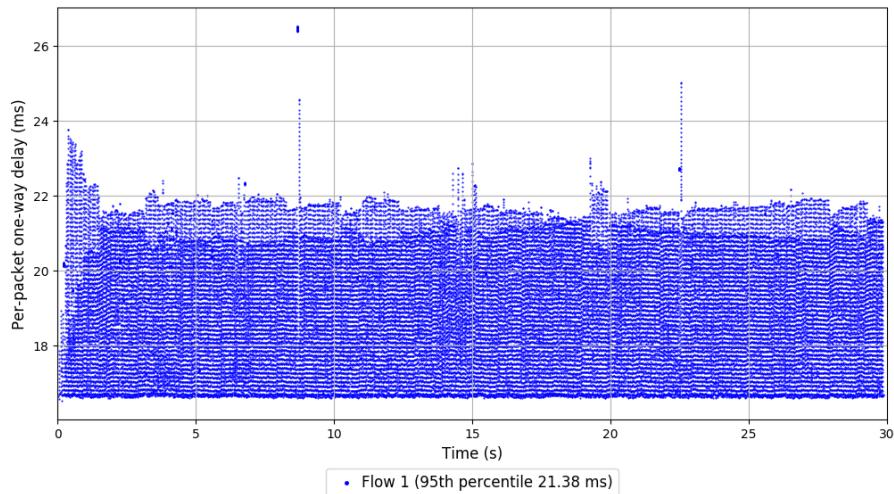
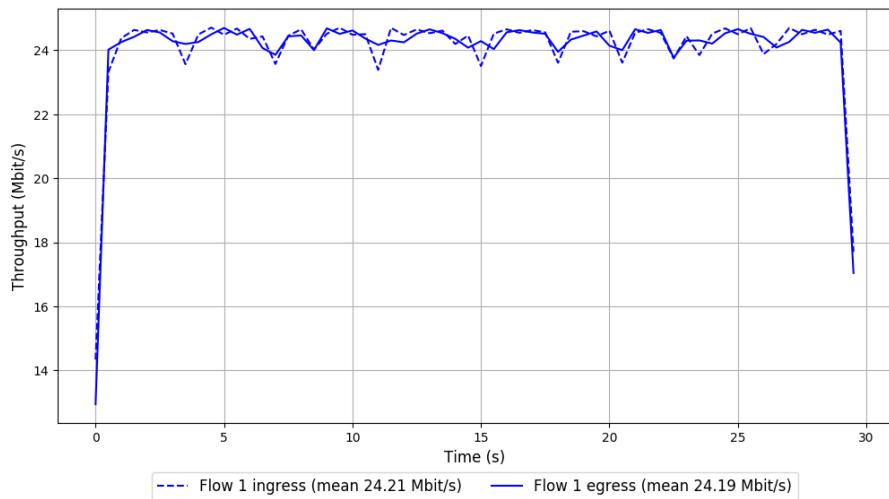


Run 10: Statistics of Sprout

```
Start at: 2017-09-03 03:33:58
End at: 2017-09-03 03:34:28
Local clock offset: 0.921 ms
Remote clock offset: -5.603 ms

# Below is generated by plot.py at 2017-09-03 07:30:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.19 Mbit/s
95th percentile per-packet one-way delay: 21.379 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 24.19 Mbit/s
95th percentile per-packet one-way delay: 21.379 ms
Loss rate: 0.13%
```

Run 10: Report of Sprout — Data Link

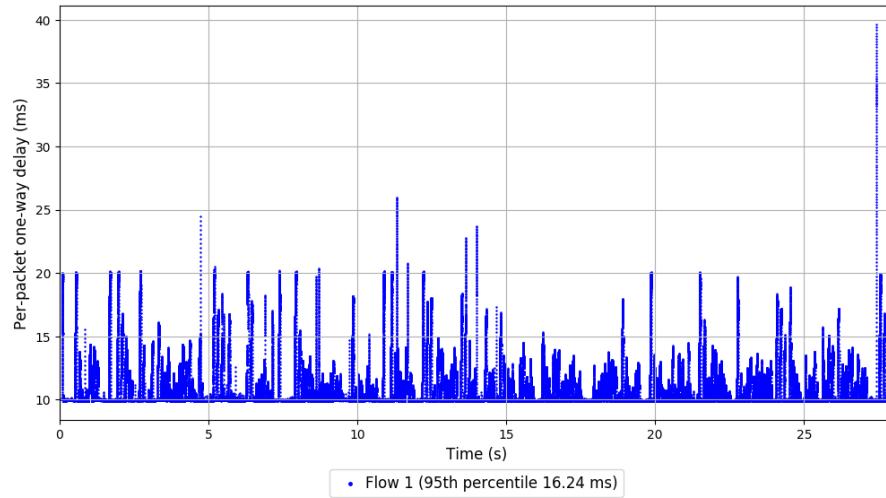
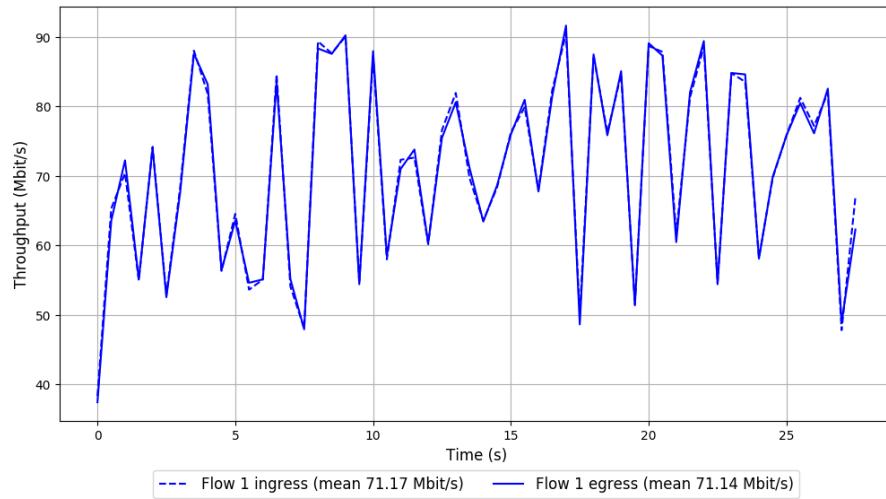


Run 1: Statistics of TaoVA-100x

```
Start at: 2017-09-03 01:08:53
End at: 2017-09-03 01:09:23
Local clock offset: -0.75 ms
Remote clock offset: -0.689 ms

# Below is generated by plot.py at 2017-09-03 07:30:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.14 Mbit/s
95th percentile per-packet one-way delay: 16.238 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 71.14 Mbit/s
95th percentile per-packet one-way delay: 16.238 ms
Loss rate: 0.14%
```

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

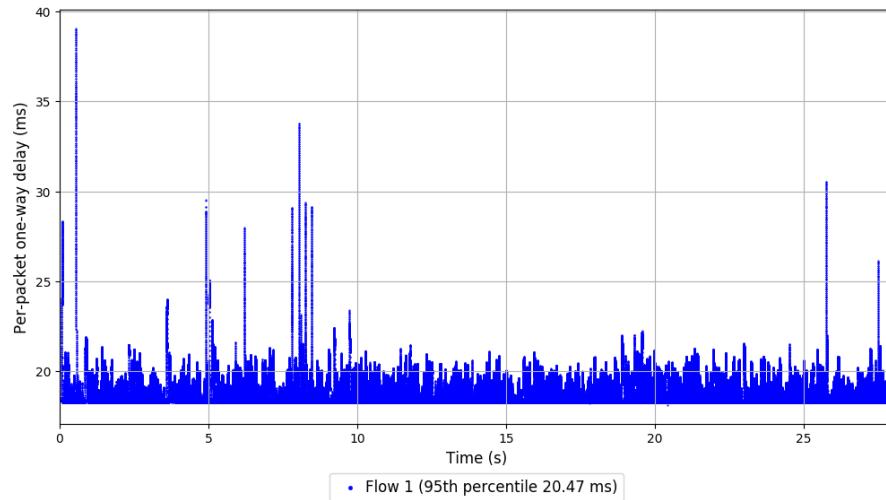
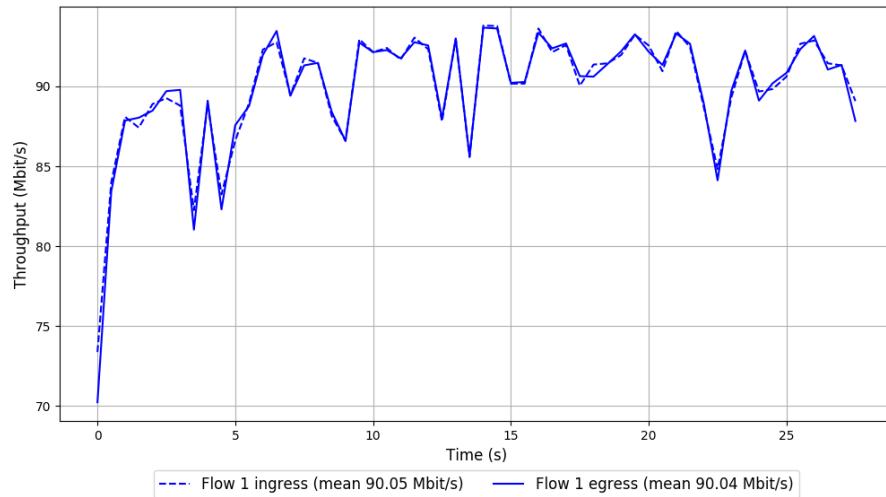


Run 2: Statistics of TaoVA-100x

```
Start at: 2017-09-03 01:26:30
End at: 2017-09-03 01:27:00
Local clock offset: 0.509 ms
Remote clock offset: -7.968 ms

# Below is generated by plot.py at 2017-09-03 07:30:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.04 Mbit/s
95th percentile per-packet one-way delay: 20.466 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 90.04 Mbit/s
95th percentile per-packet one-way delay: 20.466 ms
Loss rate: 0.10%
```

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

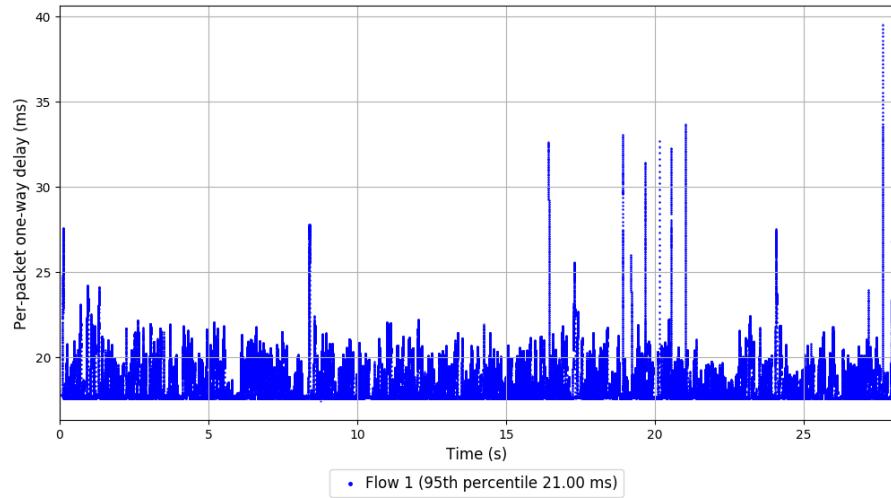
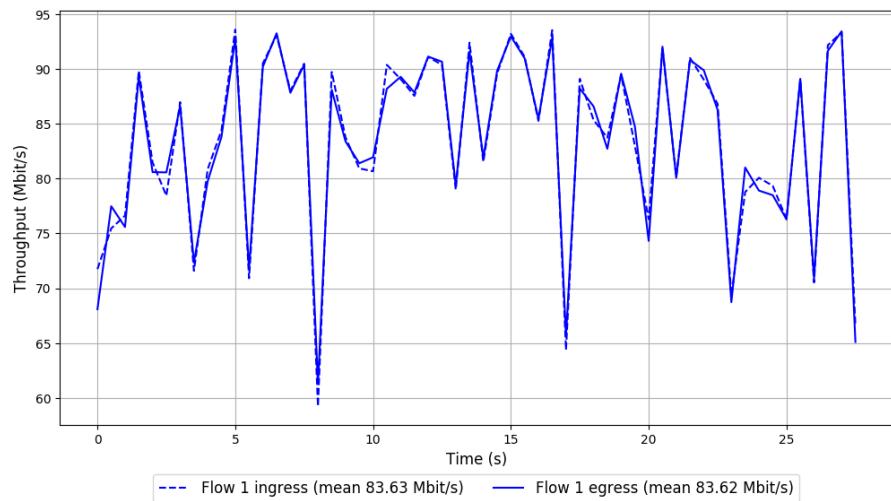


Run 3: Statistics of TaoVA-100x

```
Start at: 2017-09-03 01:44:17
End at: 2017-09-03 01:44:47
Local clock offset: -0.927 ms
Remote clock offset: -8.669 ms

# Below is generated by plot.py at 2017-09-03 07:30:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.62 Mbit/s
95th percentile per-packet one-way delay: 21.004 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 83.62 Mbit/s
95th percentile per-packet one-way delay: 21.004 ms
Loss rate: 0.11%
```

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

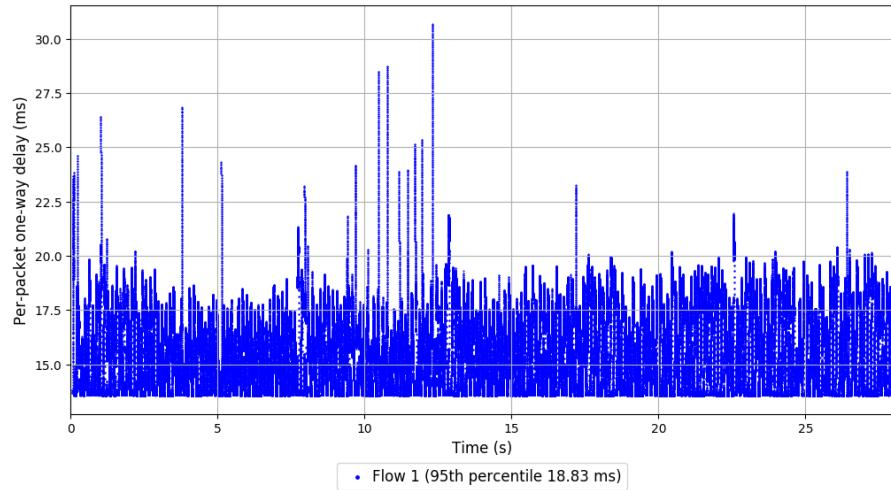
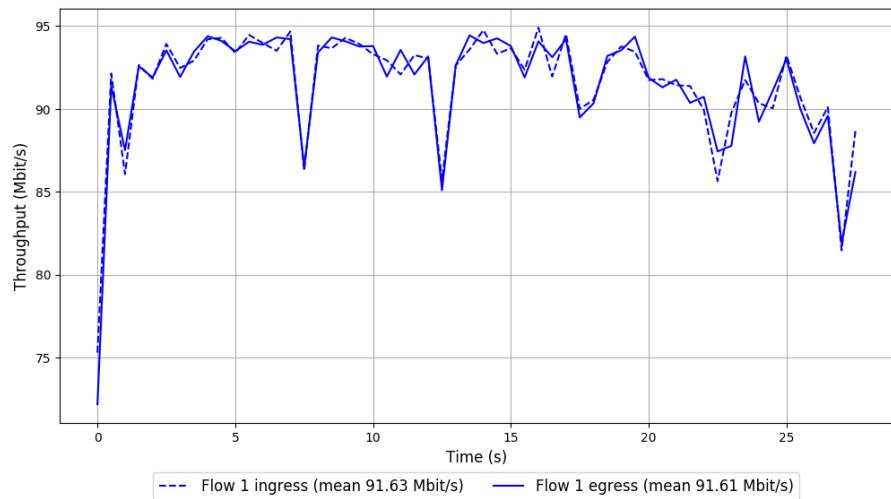


Run 4: Statistics of TaoVA-100x

```
Start at: 2017-09-03 02:01:58
End at: 2017-09-03 02:02:28
Local clock offset: -2.121 ms
Remote clock offset: -5.763 ms

# Below is generated by plot.py at 2017-09-03 07:30:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.61 Mbit/s
95th percentile per-packet one-way delay: 18.831 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 91.61 Mbit/s
95th percentile per-packet one-way delay: 18.831 ms
Loss rate: 0.11%
```

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

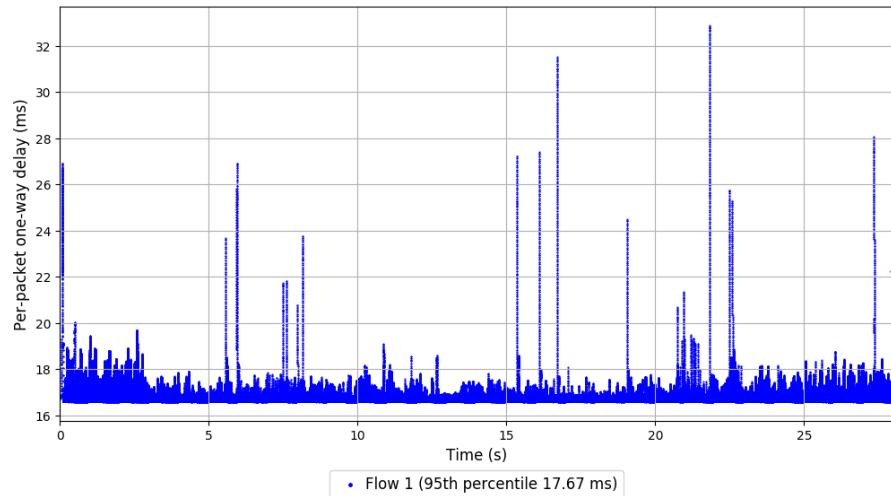
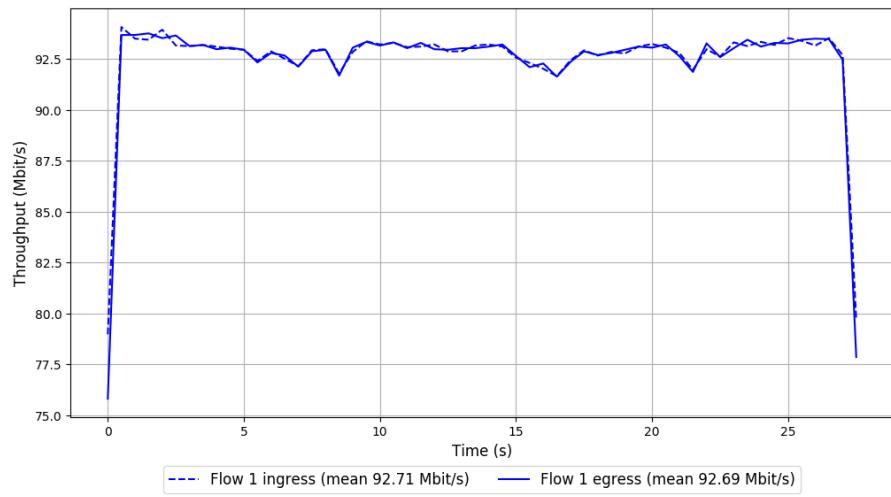


Run 5: Statistics of TaoVA-100x

```
Start at: 2017-09-03 02:19:52
End at: 2017-09-03 02:20:22
Local clock offset: 1.116 ms
Remote clock offset: -5.525 ms

# Below is generated by plot.py at 2017-09-03 07:31:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.69 Mbit/s
95th percentile per-packet one-way delay: 17.668 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 92.69 Mbit/s
95th percentile per-packet one-way delay: 17.668 ms
Loss rate: 0.10%
```

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

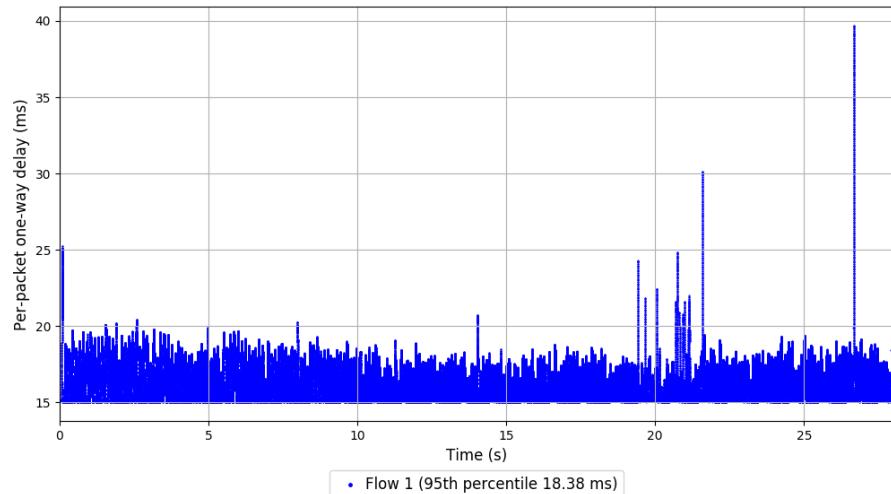
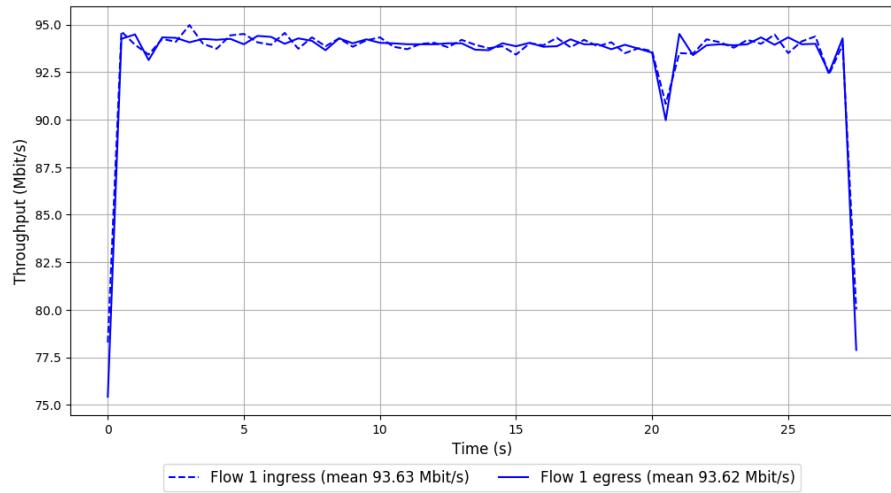


Run 6: Statistics of TaoVA-100x

```
Start at: 2017-09-03 02:37:39
End at: 2017-09-03 02:38:09
Local clock offset: -1.718 ms
Remote clock offset: -6.709 ms

# Below is generated by plot.py at 2017-09-03 07:31:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.62 Mbit/s
95th percentile per-packet one-way delay: 18.384 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 93.62 Mbit/s
95th percentile per-packet one-way delay: 18.384 ms
Loss rate: 0.10%
```

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

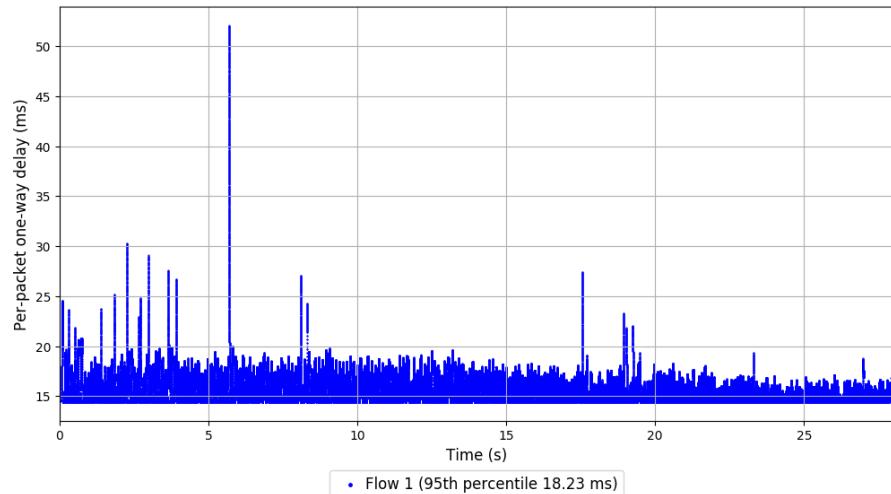
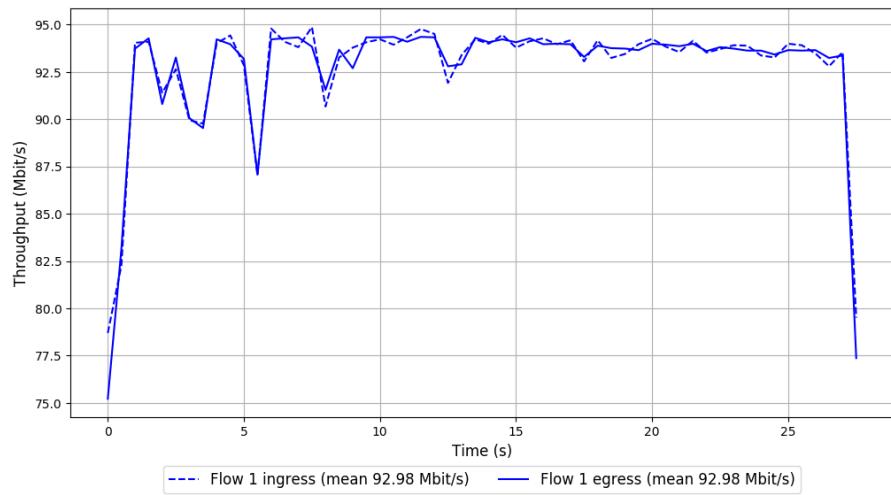


Run 7: Statistics of TaoVA-100x

```
Start at: 2017-09-03 02:55:40
End at: 2017-09-03 02:56:10
Local clock offset: -1.077 ms
Remote clock offset: -5.345 ms

# Below is generated by plot.py at 2017-09-03 07:31:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.98 Mbit/s
95th percentile per-packet one-way delay: 18.229 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 92.98 Mbit/s
95th percentile per-packet one-way delay: 18.229 ms
Loss rate: 0.09%
```

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

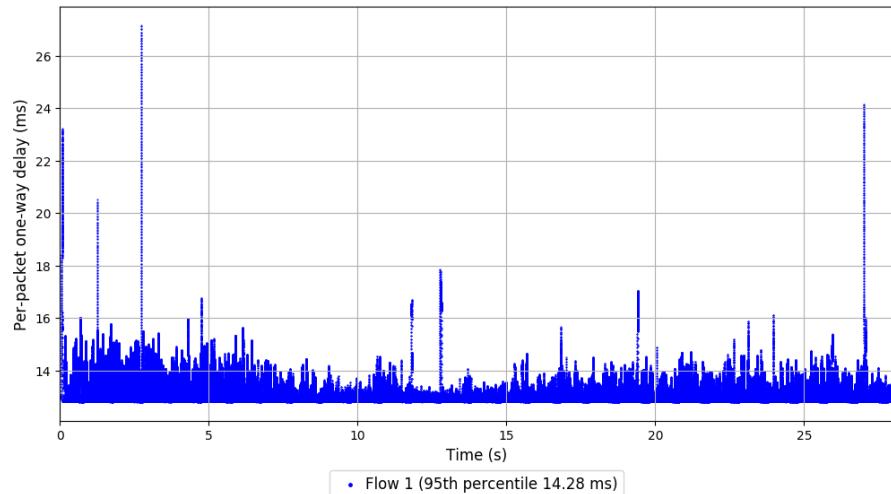
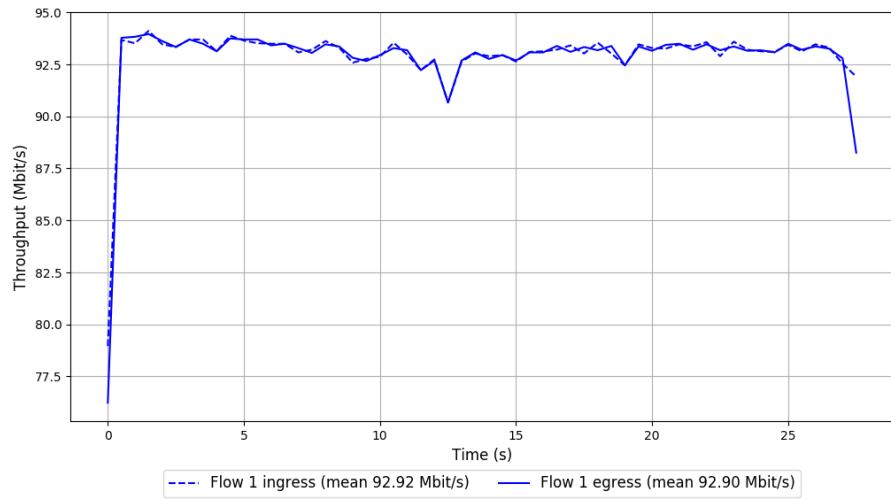


Run 8: Statistics of TaoVA-100x

```
Start at: 2017-09-03 03:13:26
End at: 2017-09-03 03:13:56
Local clock offset: -2.975 ms
Remote clock offset: -5.674 ms

# Below is generated by plot.py at 2017-09-03 07:31:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.90 Mbit/s
95th percentile per-packet one-way delay: 14.278 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 92.90 Mbit/s
95th percentile per-packet one-way delay: 14.278 ms
Loss rate: 0.12%
```

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

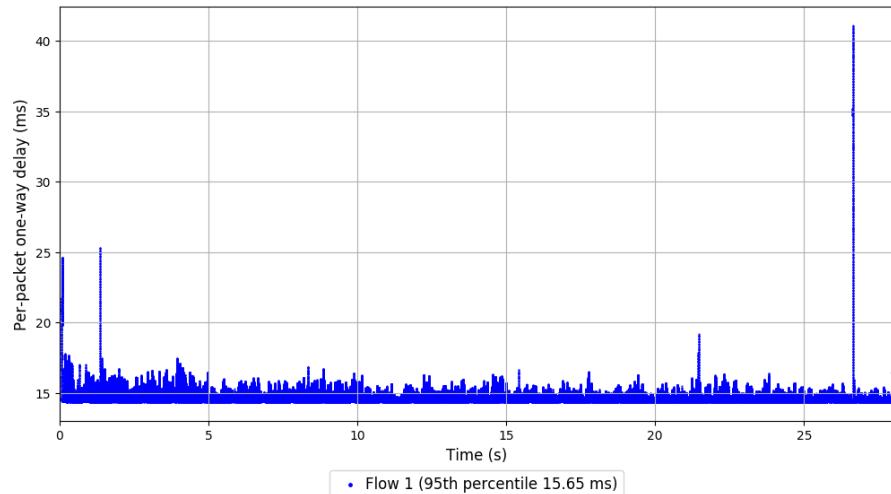
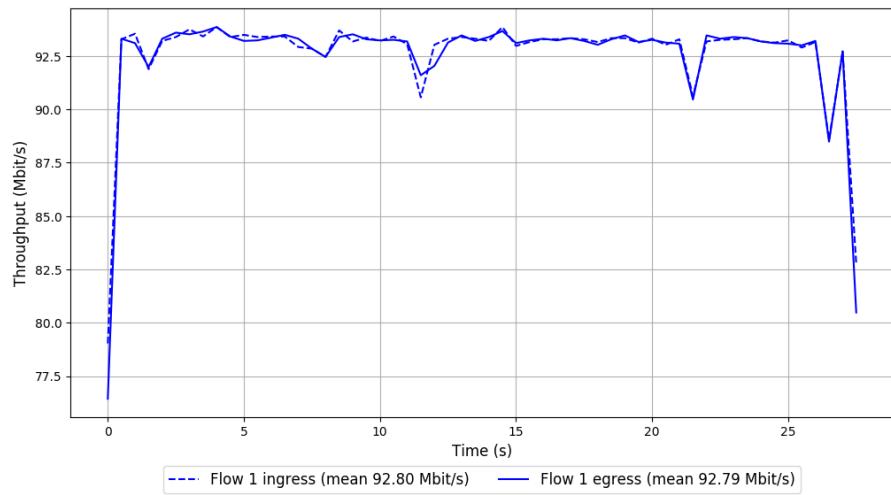


Run 9: Statistics of TaoVA-100x

```
Start at: 2017-09-03 03:31:27
End at: 2017-09-03 03:31:57
Local clock offset: -1.202 ms
Remote clock offset: -5.473 ms

# Below is generated by plot.py at 2017-09-03 07:31:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.79 Mbit/s
95th percentile per-packet one-way delay: 15.647 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 92.79 Mbit/s
95th percentile per-packet one-way delay: 15.647 ms
Loss rate: 0.10%
```

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

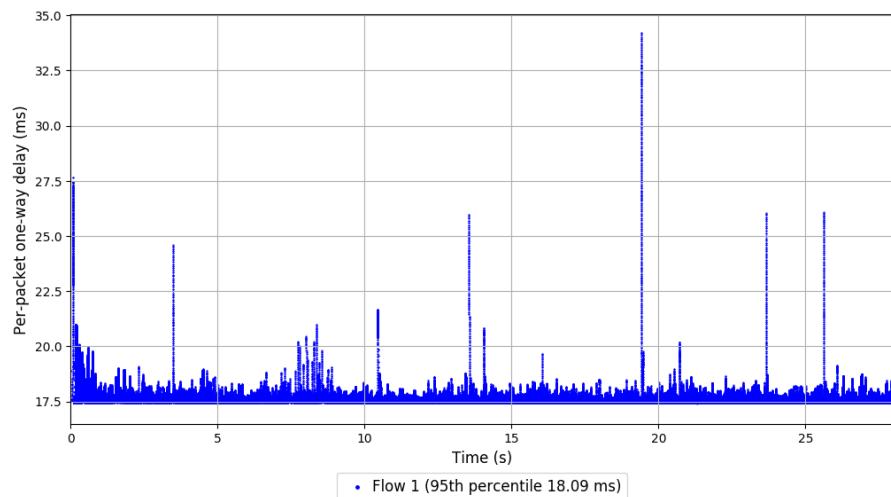
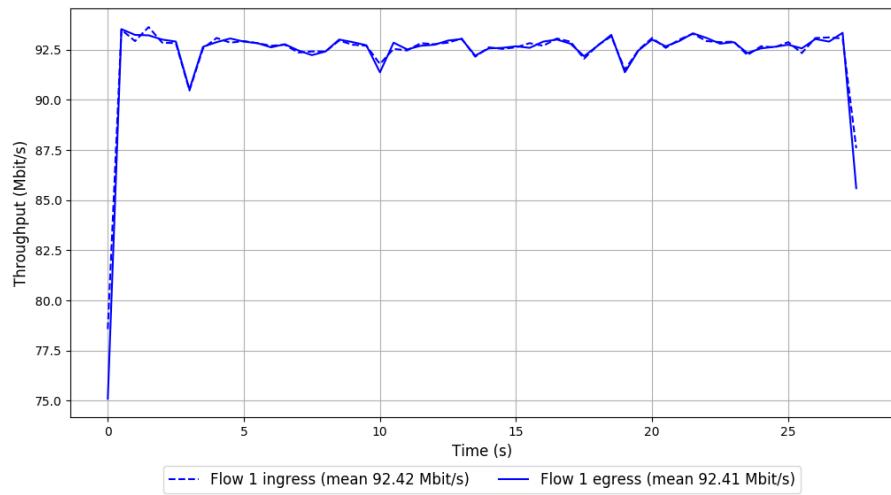


Run 10: Statistics of TaoVA-100x

```
Start at: 2017-09-03 03:49:24
End at: 2017-09-03 03:49:54
Local clock offset: 0.745 ms
Remote clock offset: -6.741 ms

# Below is generated by plot.py at 2017-09-03 07:31:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.41 Mbit/s
95th percentile per-packet one-way delay: 18.095 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 92.41 Mbit/s
95th percentile per-packet one-way delay: 18.095 ms
Loss rate: 0.10%
```

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

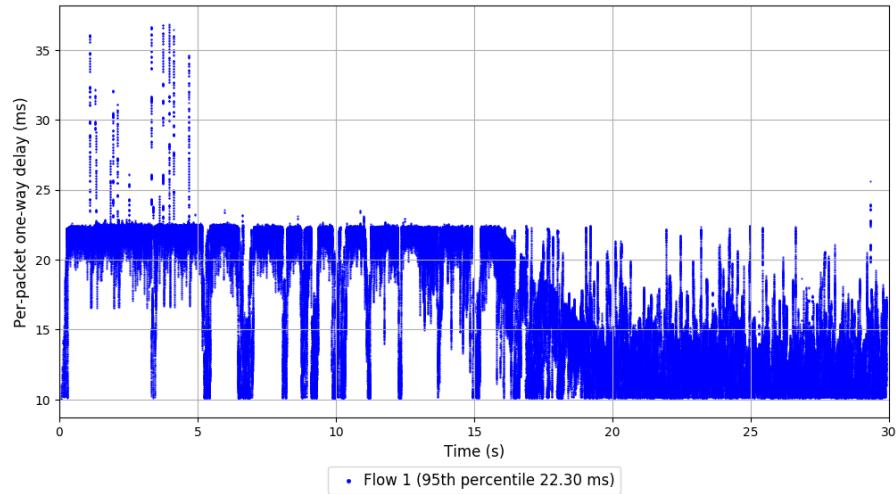
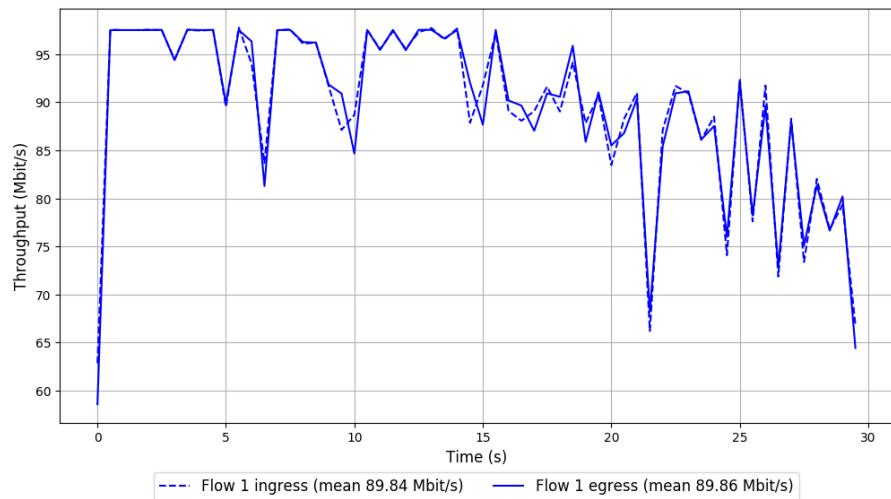


Run 1: Statistics of TCP Vegas

```
Start at: 2017-09-03 01:05:33
End at: 2017-09-03 01:06:03
Local clock offset: -0.813 ms
Remote clock offset: -0.934 ms

# Below is generated by plot.py at 2017-09-03 07:31:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.86 Mbit/s
95th percentile per-packet one-way delay: 22.302 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 89.86 Mbit/s
95th percentile per-packet one-way delay: 22.302 ms
Loss rate: 0.06%
```

Run 1: Report of TCP Vegas — Data Link

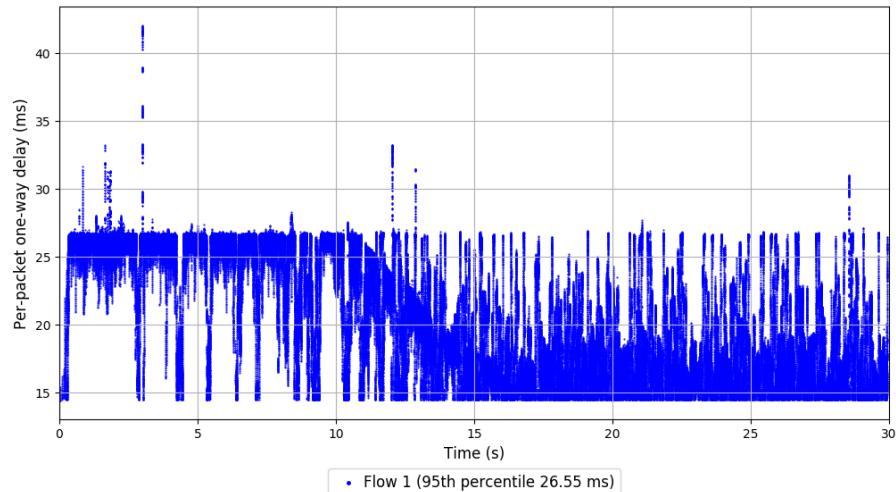
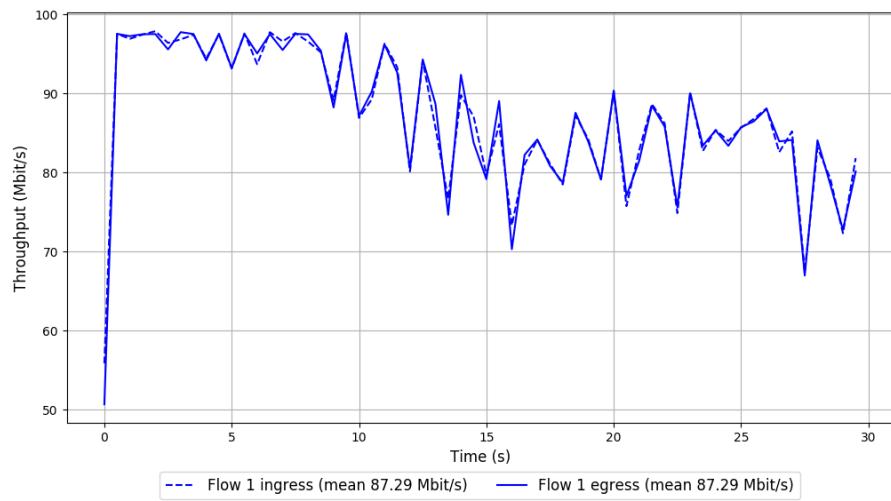


Run 2: Statistics of TCP Vegas

```
Start at: 2017-09-03 01:22:59
End at: 2017-09-03 01:23:29
Local clock offset: 0.694 ms
Remote clock offset: -3.909 ms

# Below is generated by plot.py at 2017-09-03 07:32:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.29 Mbit/s
95th percentile per-packet one-way delay: 26.551 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 87.29 Mbit/s
95th percentile per-packet one-way delay: 26.551 ms
Loss rate: 0.09%
```

Run 2: Report of TCP Vegas — Data Link

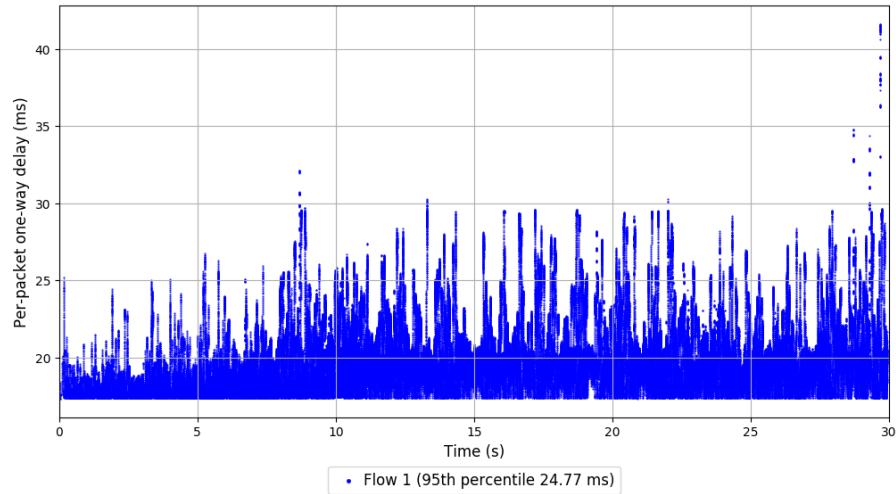
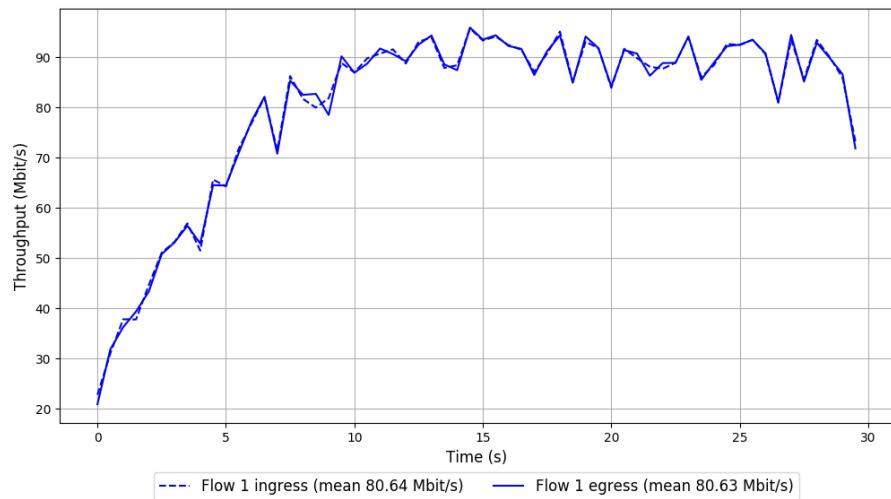


Run 3: Statistics of TCP Vegas

```
Start at: 2017-09-03 01:40:51
End at: 2017-09-03 01:41:21
Local clock offset: 0.565 ms
Remote clock offset: -6.908 ms

# Below is generated by plot.py at 2017-09-03 07:32:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.63 Mbit/s
95th percentile per-packet one-way delay: 24.768 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 80.63 Mbit/s
95th percentile per-packet one-way delay: 24.768 ms
Loss rate: 0.10%
```

Run 3: Report of TCP Vegas — Data Link

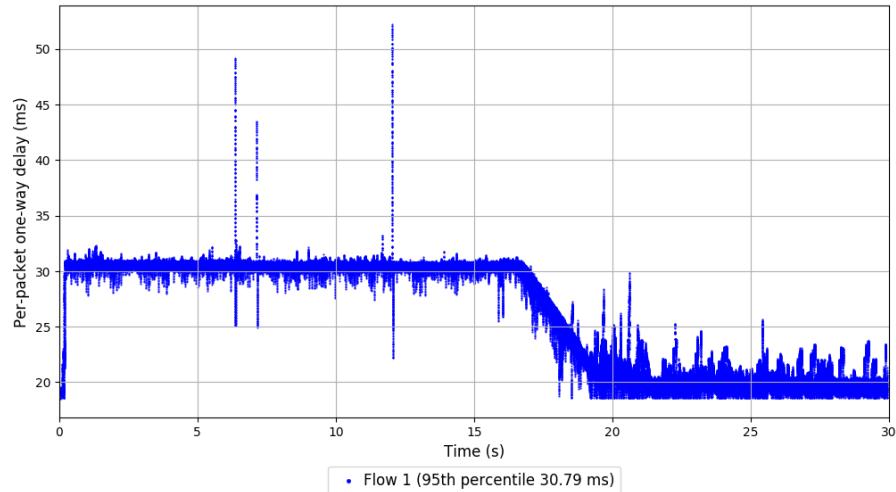
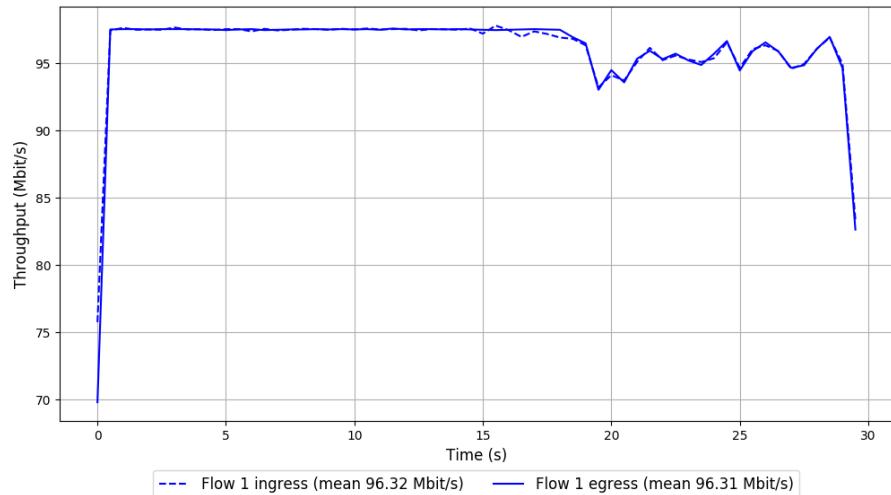


Run 4: Statistics of TCP Vegas

```
Start at: 2017-09-03 01:58:26
End at: 2017-09-03 01:58:56
Local clock offset: 1.522 ms
Remote clock offset: -7.127 ms

# Below is generated by plot.py at 2017-09-03 07:32:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.31 Mbit/s
95th percentile per-packet one-way delay: 30.793 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 96.31 Mbit/s
95th percentile per-packet one-way delay: 30.793 ms
Loss rate: 0.08%
```

Run 4: Report of TCP Vegas — Data Link

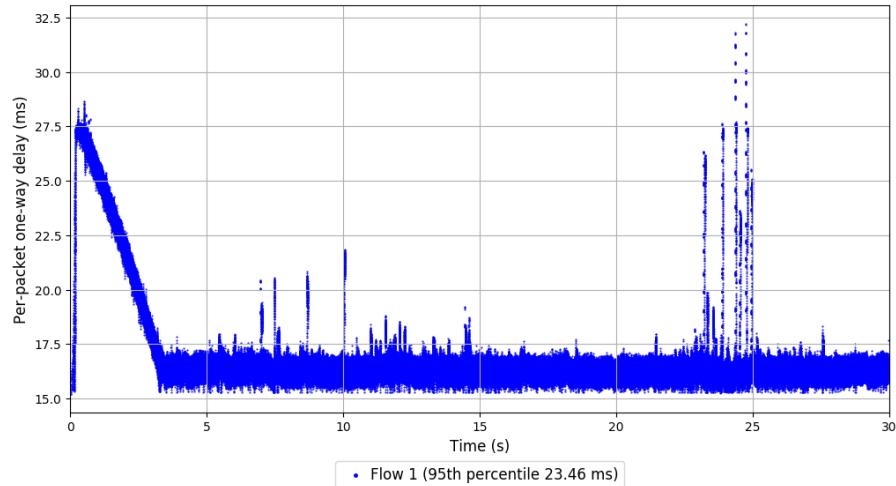
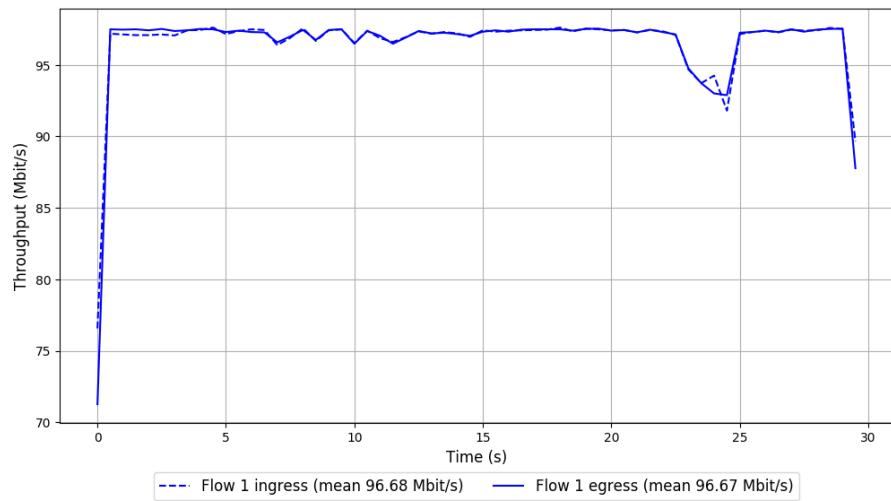


Run 5: Statistics of TCP Vegas

```
Start at: 2017-09-03 02:16:25
End at: 2017-09-03 02:16:55
Local clock offset: -1.732 ms
Remote clock offset: -7.089 ms

# Below is generated by plot.py at 2017-09-03 07:32:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.67 Mbit/s
95th percentile per-packet one-way delay: 23.463 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 96.67 Mbit/s
95th percentile per-packet one-way delay: 23.463 ms
Loss rate: 0.09%
```

Run 5: Report of TCP Vegas — Data Link

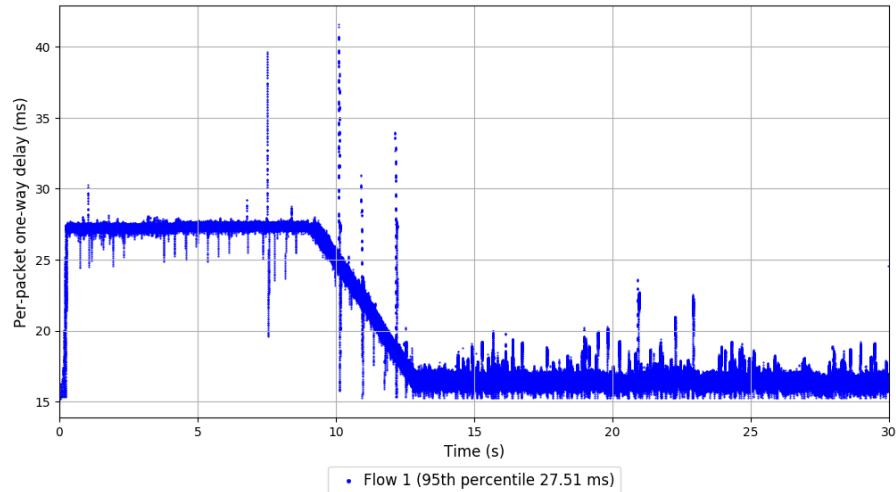
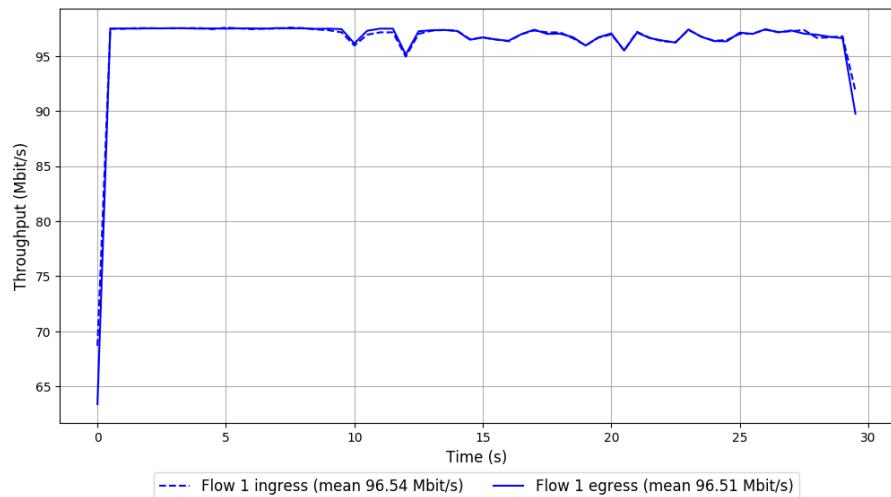


Run 6: Statistics of TCP Vegas

```
Start at: 2017-09-03 02:34:12
End at: 2017-09-03 02:34:42
Local clock offset: -1.767 ms
Remote clock offset: -7.054 ms

# Below is generated by plot.py at 2017-09-03 07:32:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.51 Mbit/s
95th percentile per-packet one-way delay: 27.513 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 96.51 Mbit/s
95th percentile per-packet one-way delay: 27.513 ms
Loss rate: 0.09%
```

Run 6: Report of TCP Vegas — Data Link

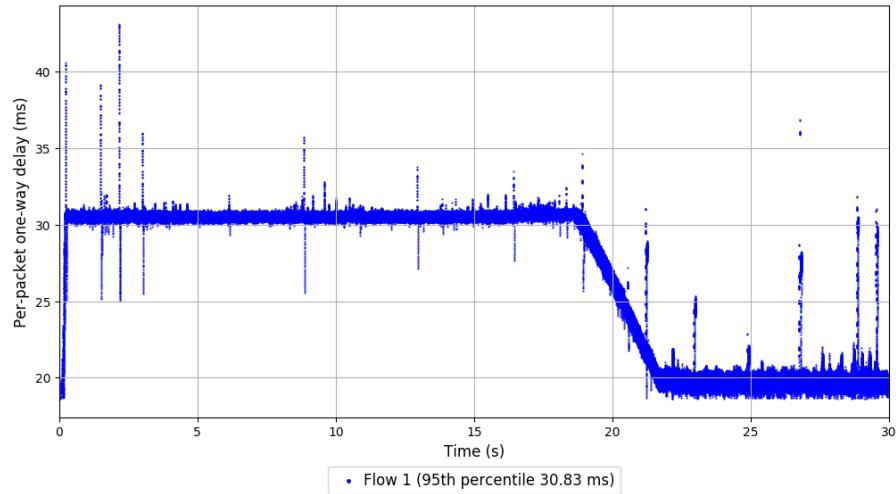
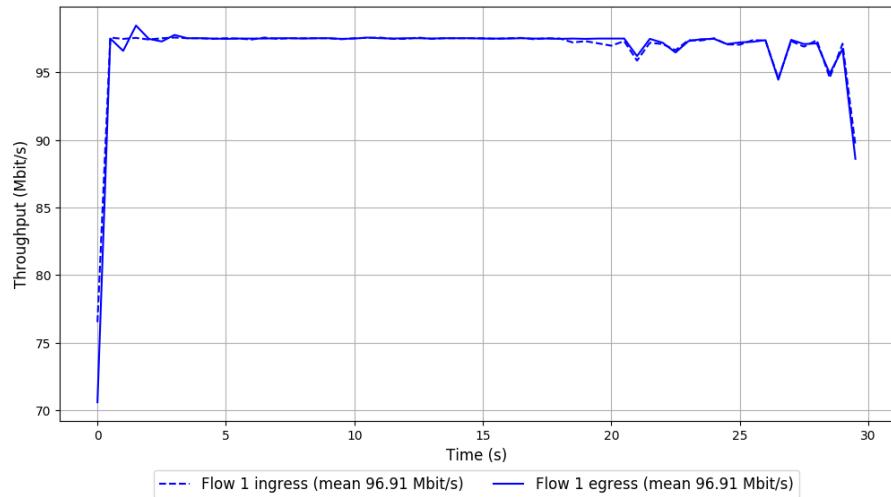


Run 7: Statistics of TCP Vegas

```
Start at: 2017-09-03 02:52:13
End at: 2017-09-03 02:52:43
Local clock offset: 1.861 ms
Remote clock offset: -6.673 ms

# Below is generated by plot.py at 2017-09-03 07:32:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.91 Mbit/s
95th percentile per-packet one-way delay: 30.829 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 96.91 Mbit/s
95th percentile per-packet one-way delay: 30.829 ms
Loss rate: 0.09%
```

Run 7: Report of TCP Vegas — Data Link

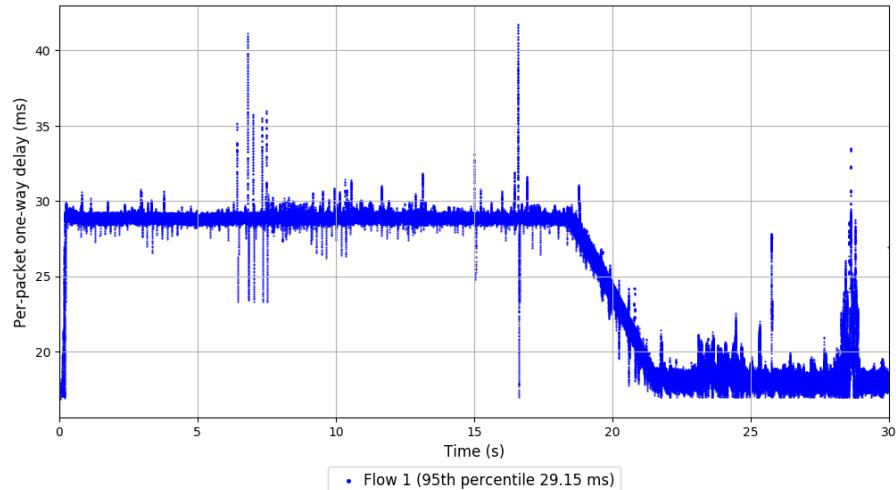
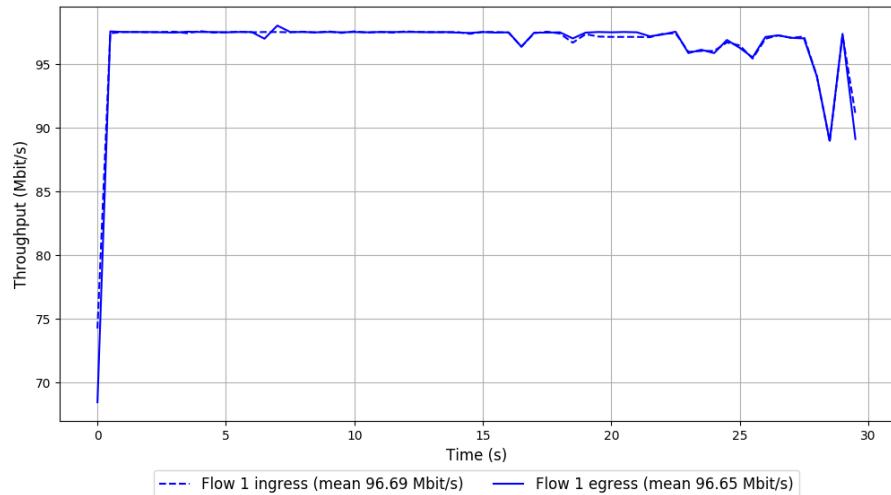


Run 8: Statistics of TCP Vegas

```
Start at: 2017-09-03 03:09:53
End at: 2017-09-03 03:10:23
Local clock offset: 0.301 ms
Remote clock offset: -6.533 ms

# Below is generated by plot.py at 2017-09-03 07:32:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.65 Mbit/s
95th percentile per-packet one-way delay: 29.149 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 96.65 Mbit/s
95th percentile per-packet one-way delay: 29.149 ms
Loss rate: 0.09%
```

Run 8: Report of TCP Vegas — Data Link

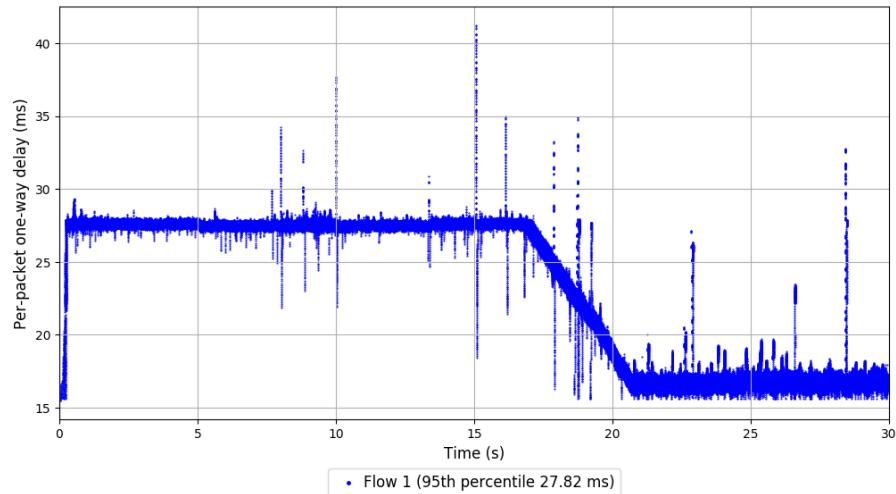
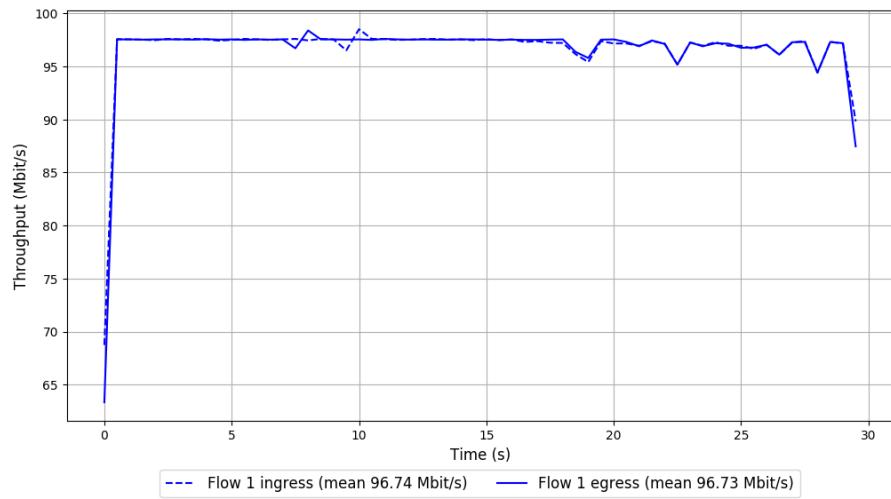


Run 9: Statistics of TCP Vegas

```
Start at: 2017-09-03 03:27:52
End at: 2017-09-03 03:28:22
Local clock offset: -0.622 ms
Remote clock offset: -6.083 ms

# Below is generated by plot.py at 2017-09-03 07:32:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.73 Mbit/s
95th percentile per-packet one-way delay: 27.817 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 96.73 Mbit/s
95th percentile per-packet one-way delay: 27.817 ms
Loss rate: 0.10%
```

Run 9: Report of TCP Vegas — Data Link

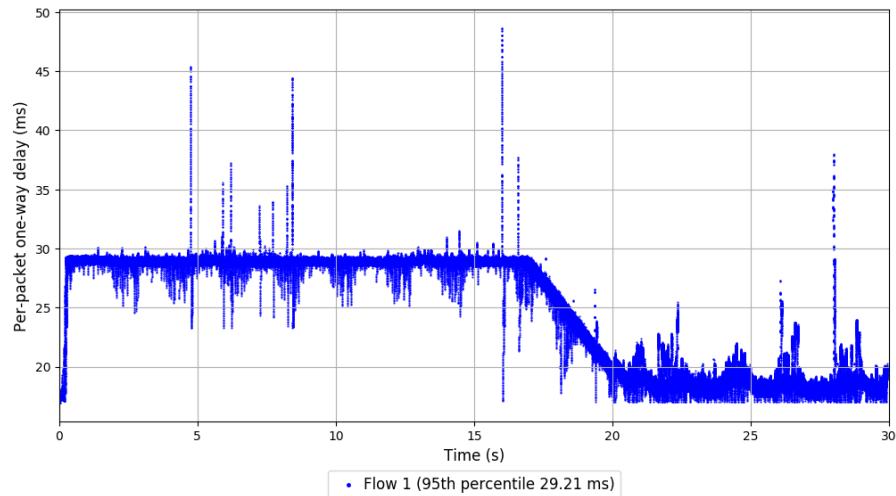
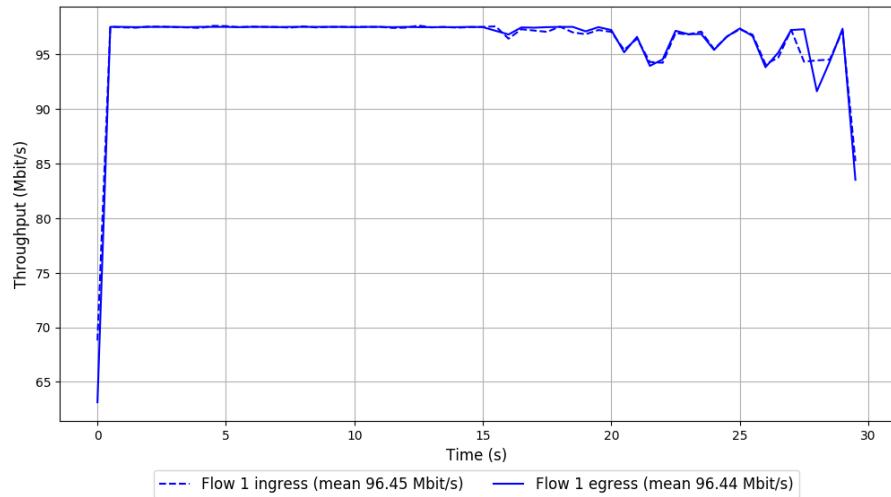


Run 10: Statistics of TCP Vegas

```
Start at: 2017-09-03 03:45:54
End at: 2017-09-03 03:46:24
Local clock offset: 1.048 ms
Remote clock offset: -5.956 ms

# Below is generated by plot.py at 2017-09-03 07:32:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.44 Mbit/s
95th percentile per-packet one-way delay: 29.211 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 96.44 Mbit/s
95th percentile per-packet one-way delay: 29.211 ms
Loss rate: 0.09%
```

Run 10: Report of TCP Vegas — Data Link

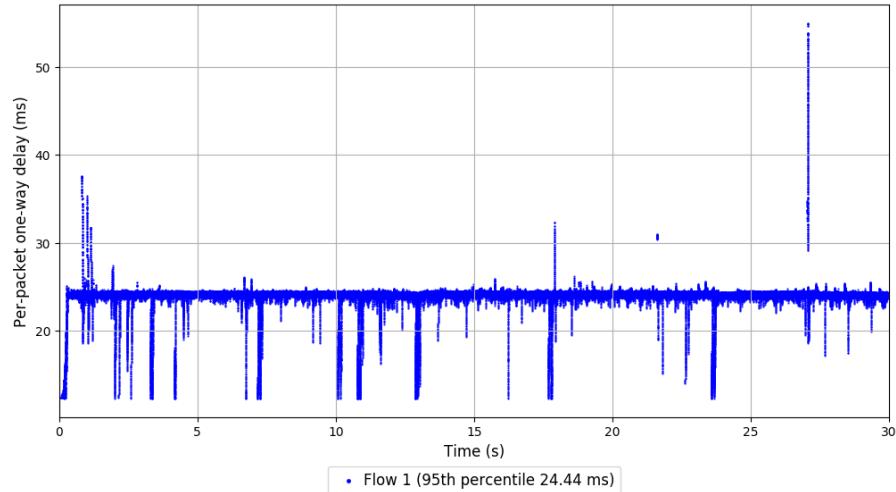
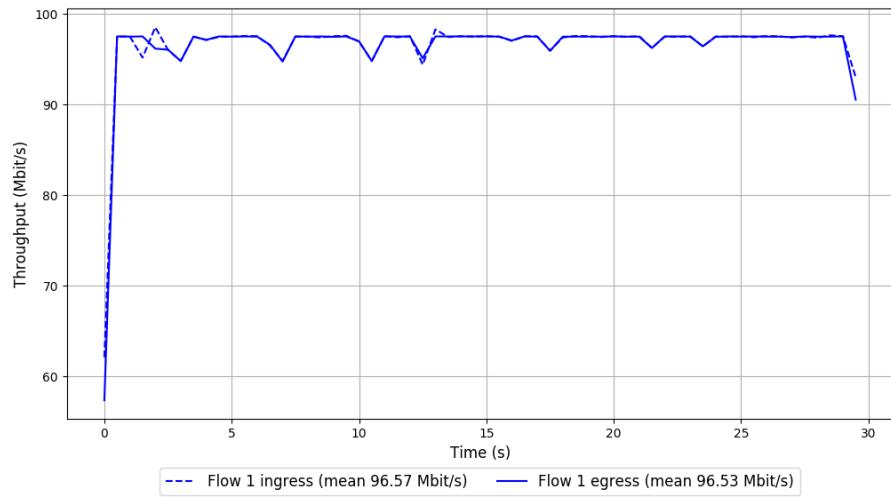


Run 1: Statistics of Verus

```
Start at: 2017-09-03 01:04:18
End at: 2017-09-03 01:04:48
Local clock offset: 1.566 ms
Remote clock offset: -0.753 ms

# Below is generated by plot.py at 2017-09-03 07:33:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.53 Mbit/s
95th percentile per-packet one-way delay: 24.442 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 96.53 Mbit/s
95th percentile per-packet one-way delay: 24.442 ms
Loss rate: 0.12%
```

Run 1: Report of Verus — Data Link

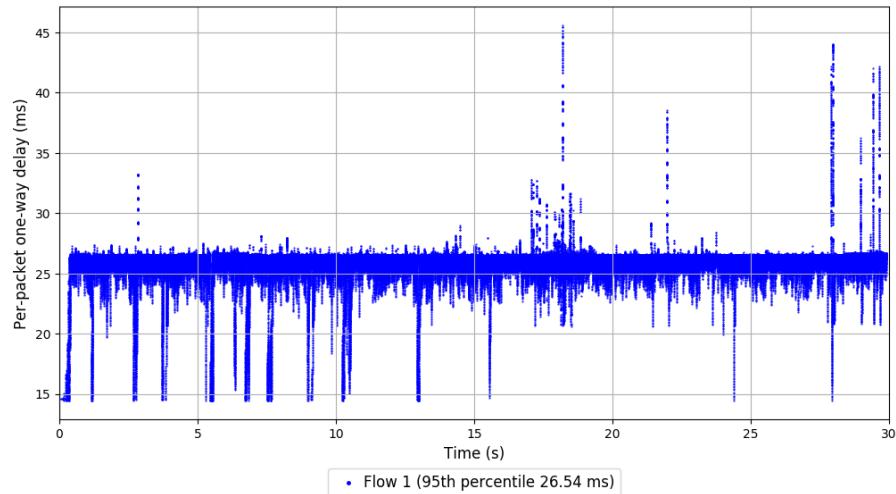
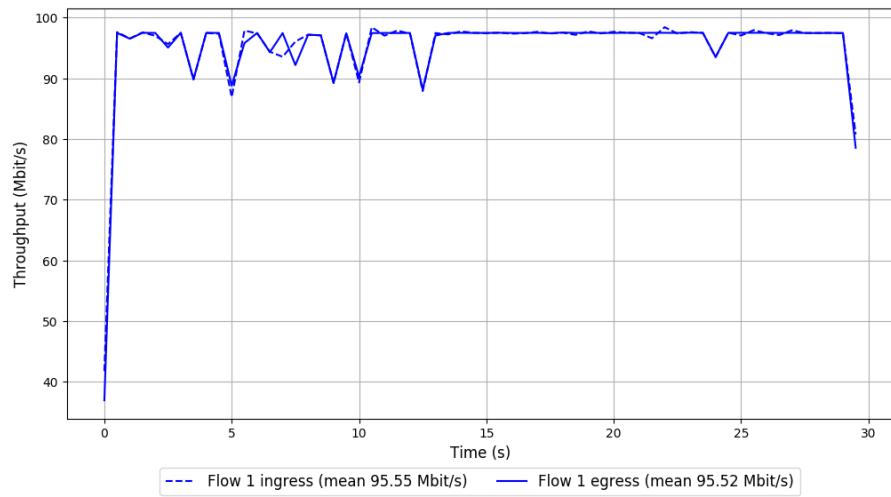


Run 2: Statistics of Verus

```
Start at: 2017-09-03 01:21:43
End at: 2017-09-03 01:22:13
Local clock offset: 0.014 ms
Remote clock offset: -4.553 ms

# Below is generated by plot.py at 2017-09-03 07:33:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.52 Mbit/s
95th percentile per-packet one-way delay: 26.537 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 95.52 Mbit/s
95th percentile per-packet one-way delay: 26.537 ms
Loss rate: 0.13%
```

Run 2: Report of Verus — Data Link

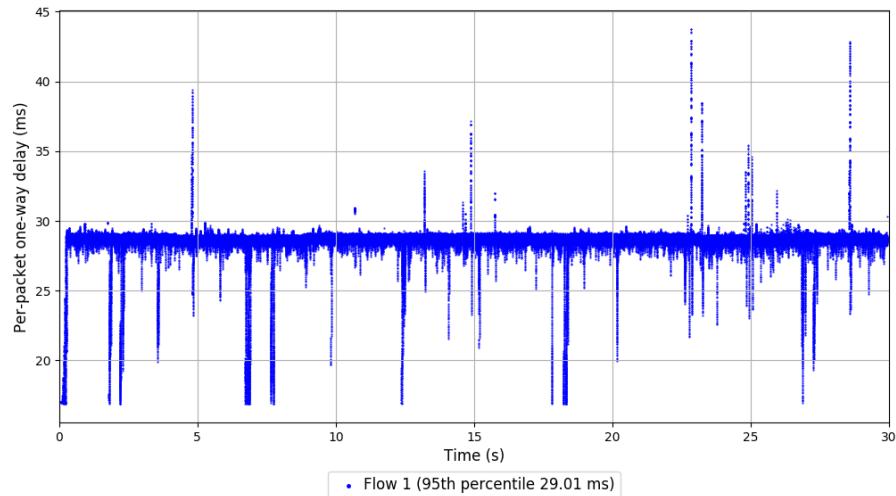
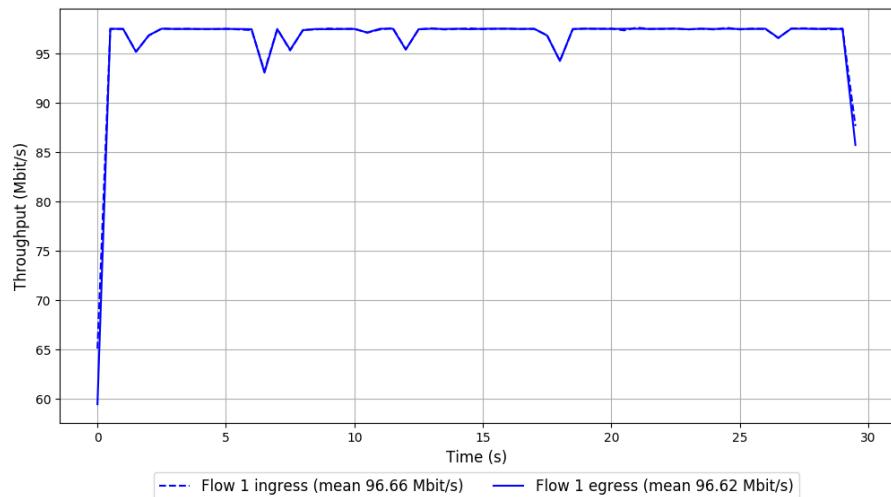


Run 3: Statistics of Verus

```
Start at: 2017-09-03 01:39:35
End at: 2017-09-03 01:40:05
Local clock offset: 0.229 ms
Remote clock offset: -6.756 ms

# Below is generated by plot.py at 2017-09-03 07:33:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.62 Mbit/s
95th percentile per-packet one-way delay: 29.011 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 96.62 Mbit/s
95th percentile per-packet one-way delay: 29.011 ms
Loss rate: 0.13%
```

Run 3: Report of Verus — Data Link

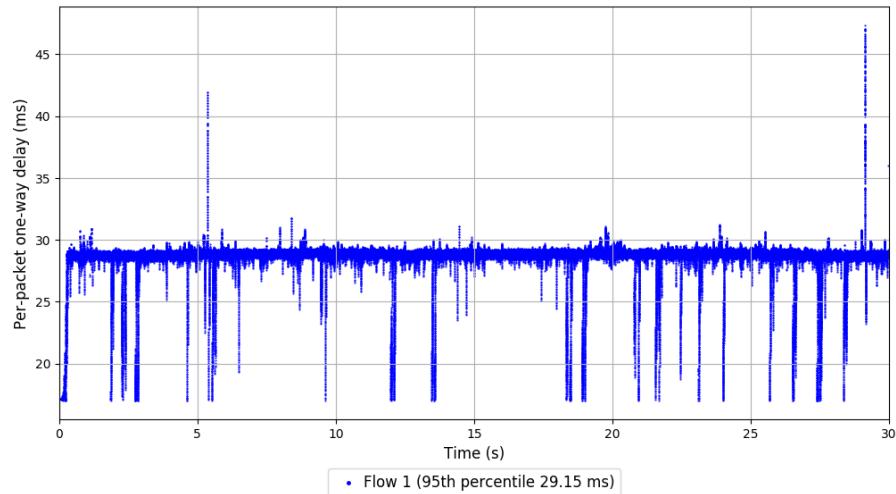
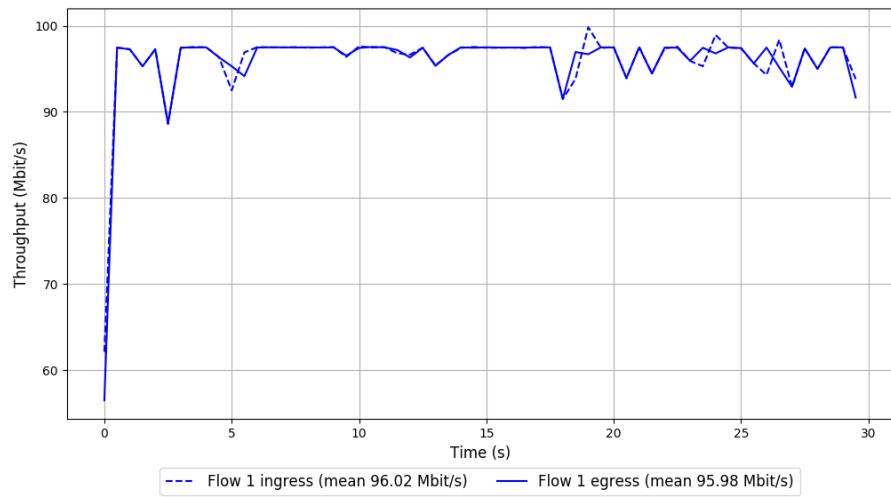


Run 4: Statistics of Verus

```
Start at: 2017-09-03 01:57:11
End at: 2017-09-03 01:57:41
Local clock offset: 0.373 ms
Remote clock offset: -6.709 ms

# Below is generated by plot.py at 2017-09-03 07:33:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 29.152 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 29.152 ms
Loss rate: 0.14%
```

Run 4: Report of Verus — Data Link

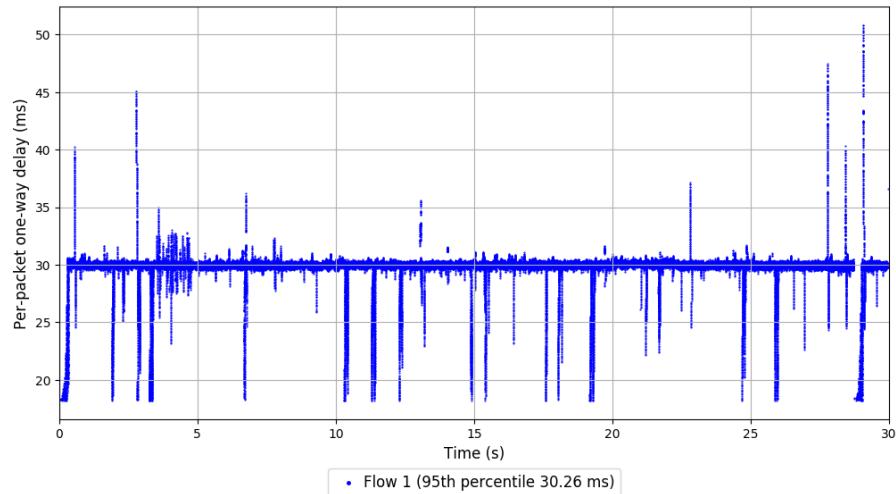
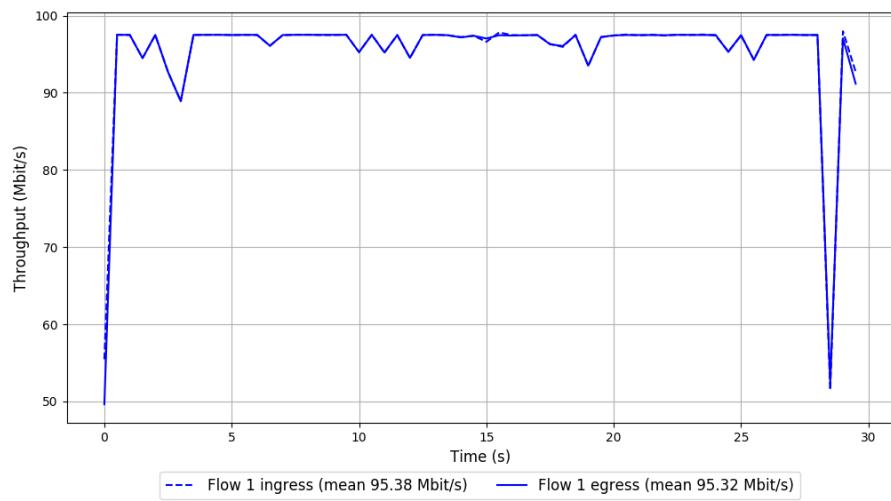


Run 5: Statistics of Verus

```
Start at: 2017-09-03 02:15:11
End at: 2017-09-03 02:15:41
Local clock offset: 0.71 ms
Remote clock offset: -7.563 ms

# Below is generated by plot.py at 2017-09-03 07:33:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.32 Mbit/s
95th percentile per-packet one-way delay: 30.257 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 95.32 Mbit/s
95th percentile per-packet one-way delay: 30.257 ms
Loss rate: 0.13%
```

Run 5: Report of Verus — Data Link

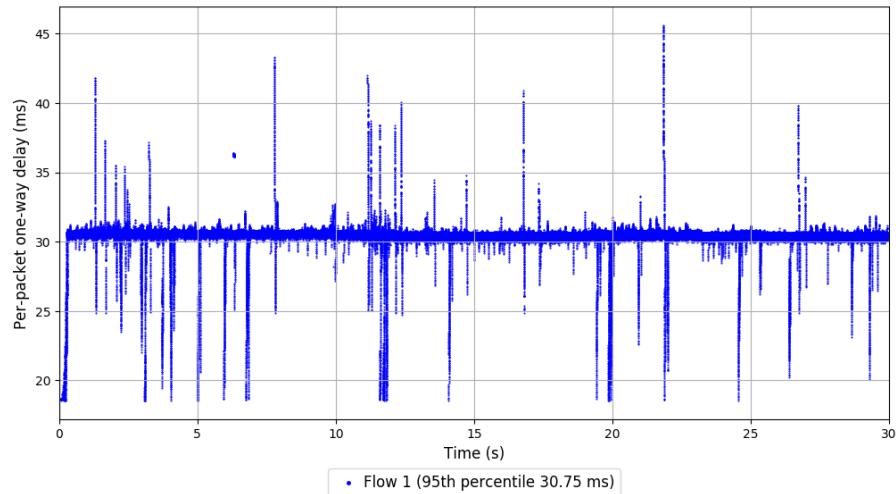
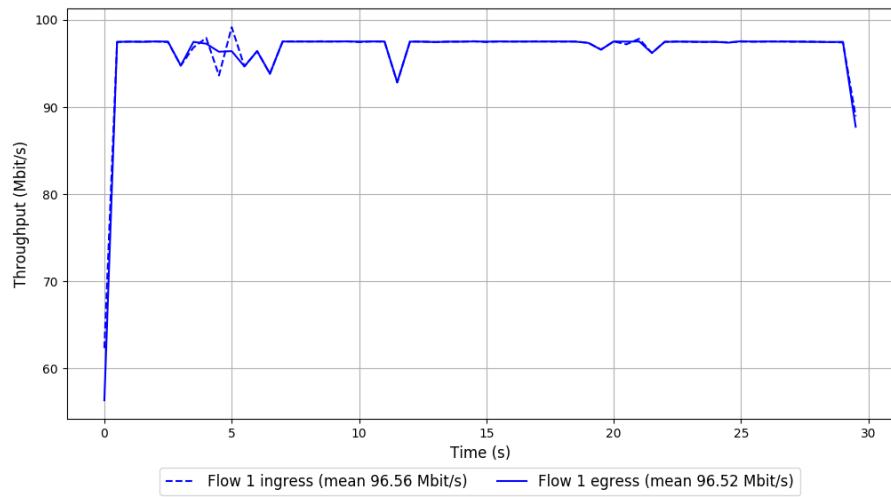


Run 6: Statistics of Verus

```
Start at: 2017-09-03 02:32:59
End at: 2017-09-03 02:33:29
Local clock offset: 1.702 ms
Remote clock offset: -6.885 ms

# Below is generated by plot.py at 2017-09-03 07:33:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.52 Mbit/s
95th percentile per-packet one-way delay: 30.751 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 96.52 Mbit/s
95th percentile per-packet one-way delay: 30.751 ms
Loss rate: 0.12%
```

Run 6: Report of Verus — Data Link

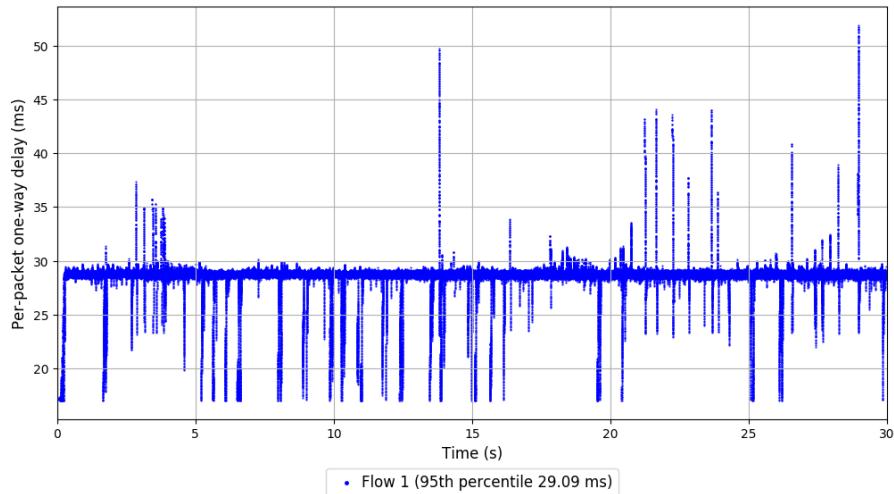
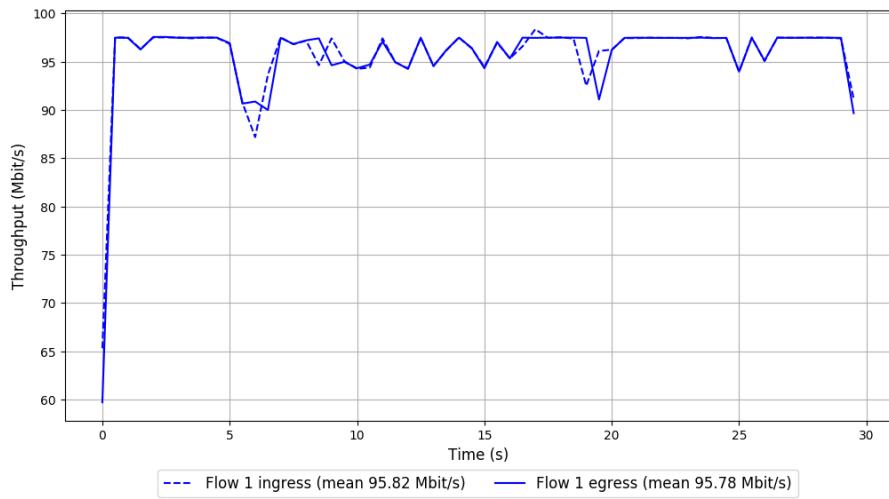


Run 7: Statistics of Verus

```
Start at: 2017-09-03 02:50:57
End at: 2017-09-03 02:51:27
Local clock offset: 0.14 ms
Remote clock offset: -6.807 ms

# Below is generated by plot.py at 2017-09-03 07:33:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.78 Mbit/s
95th percentile per-packet one-way delay: 29.086 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 95.78 Mbit/s
95th percentile per-packet one-way delay: 29.086 ms
Loss rate: 0.12%
```

Run 7: Report of Verus — Data Link

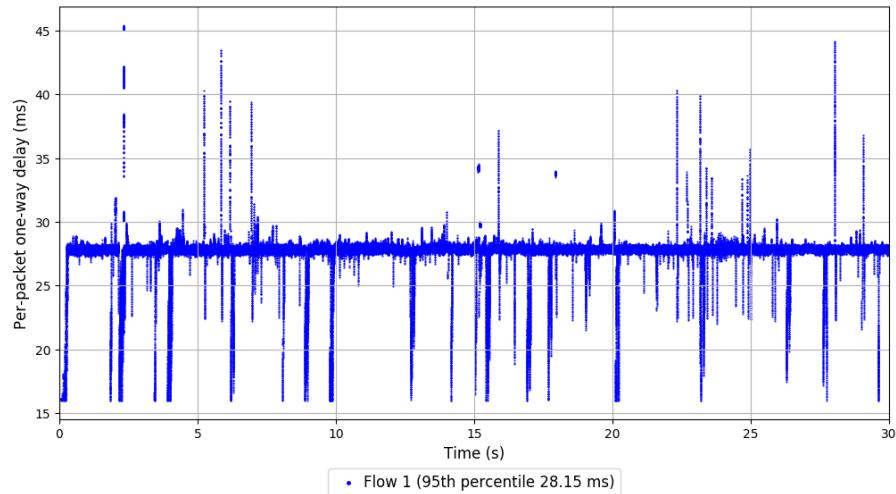
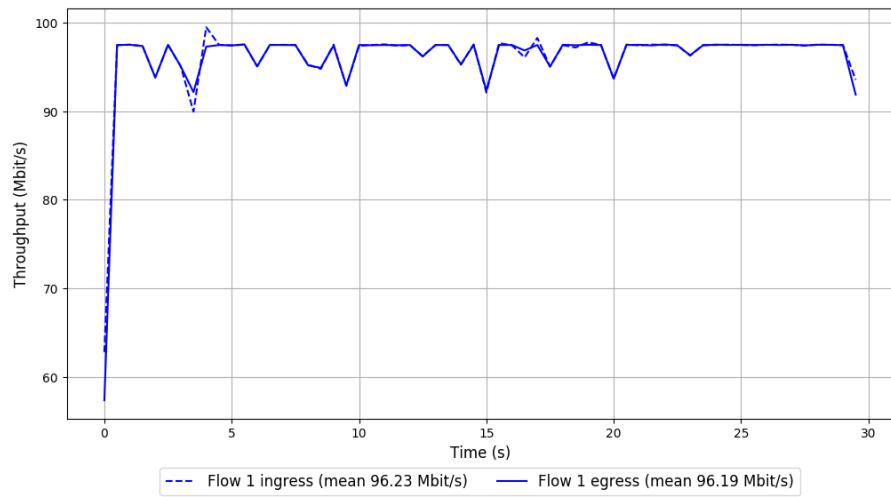


Run 8: Statistics of Verus

```
Start at: 2017-09-03 03:08:37
End at: 2017-09-03 03:09:07
Local clock offset: 0.889 ms
Remote clock offset: -4.99 ms

# Below is generated by plot.py at 2017-09-03 07:33:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.19 Mbit/s
95th percentile per-packet one-way delay: 28.151 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 96.19 Mbit/s
95th percentile per-packet one-way delay: 28.151 ms
Loss rate: 0.12%
```

Run 8: Report of Verus — Data Link

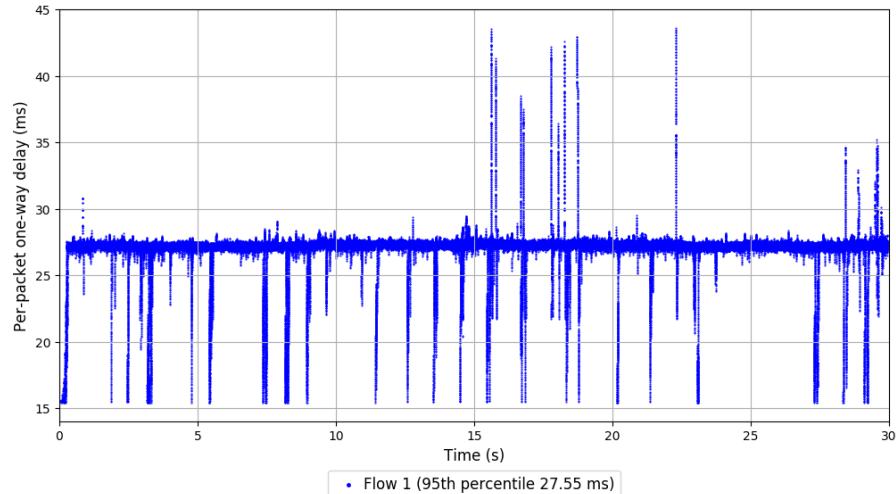
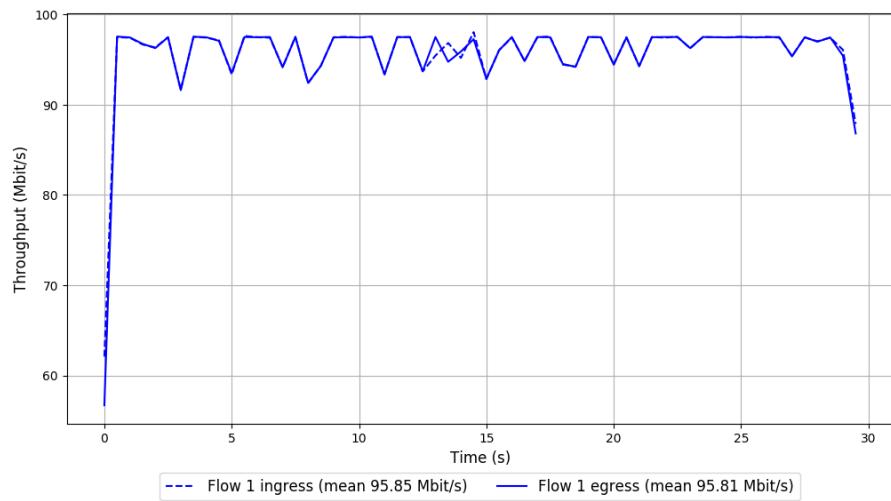


Run 9: Statistics of Verus

```
Start at: 2017-09-03 03:26:31
End at: 2017-09-03 03:27:01
Local clock offset: -0.831 ms
Remote clock offset: -6.122 ms

# Below is generated by plot.py at 2017-09-03 07:33:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.81 Mbit/s
95th percentile per-packet one-way delay: 27.552 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 95.81 Mbit/s
95th percentile per-packet one-way delay: 27.552 ms
Loss rate: 0.12%
```

Run 9: Report of Verus — Data Link

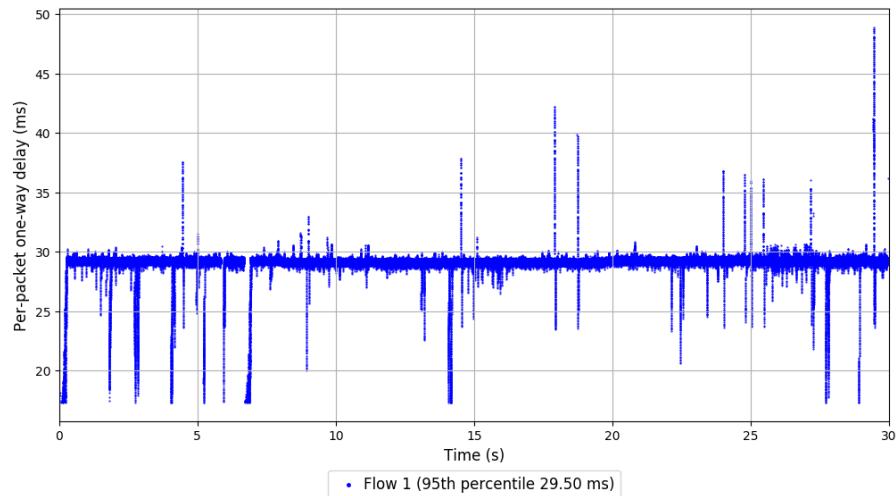
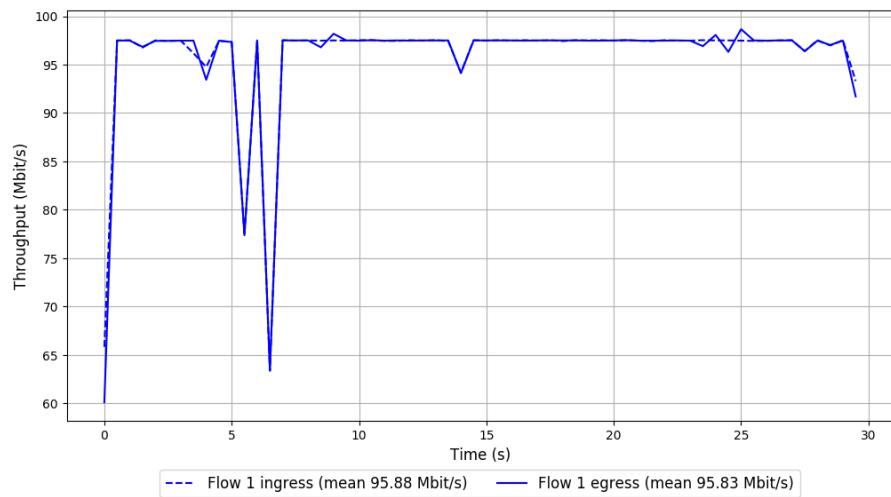


Run 10: Statistics of Verus

```
Start at: 2017-09-03 03:44:36
End at: 2017-09-03 03:45:06
Local clock offset: 1.57 ms
Remote clock offset: -5.71 ms

# Below is generated by plot.py at 2017-09-03 07:34:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.83 Mbit/s
95th percentile per-packet one-way delay: 29.497 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 95.83 Mbit/s
95th percentile per-packet one-way delay: 29.497 ms
Loss rate: 0.13%
```

Run 10: Report of Verus — Data Link

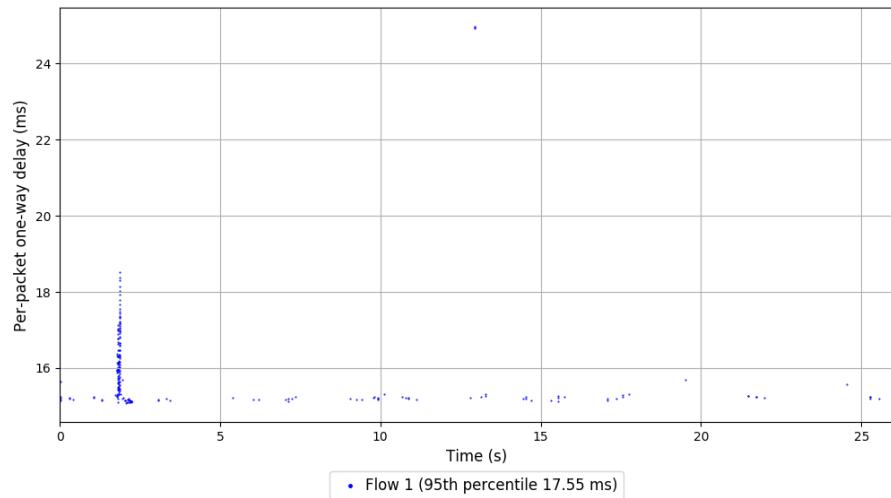
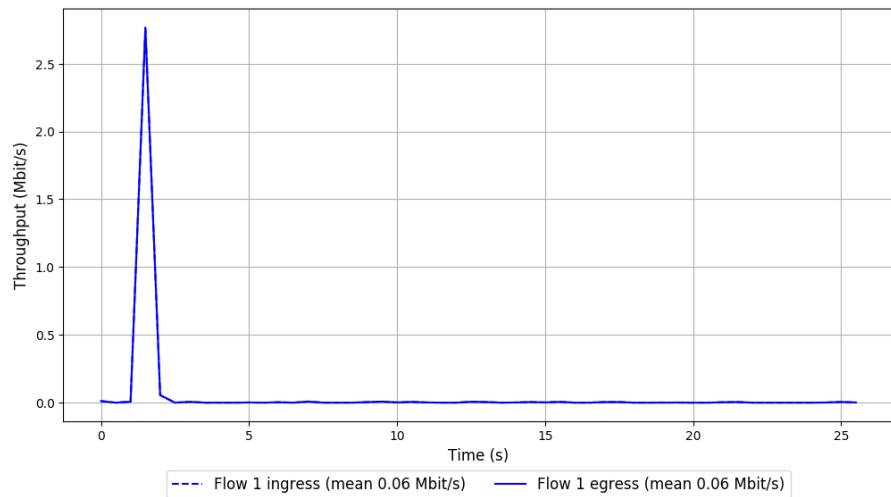


Run 1: Statistics of WebRTC media

```
Start at: 2017-09-03 01:07:48
End at: 2017-09-03 01:08:19
Local clock offset: 0.54 ms
Remote clock offset: -4.708 ms

# Below is generated by plot.py at 2017-09-03 07:34:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 17.546 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 17.546 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

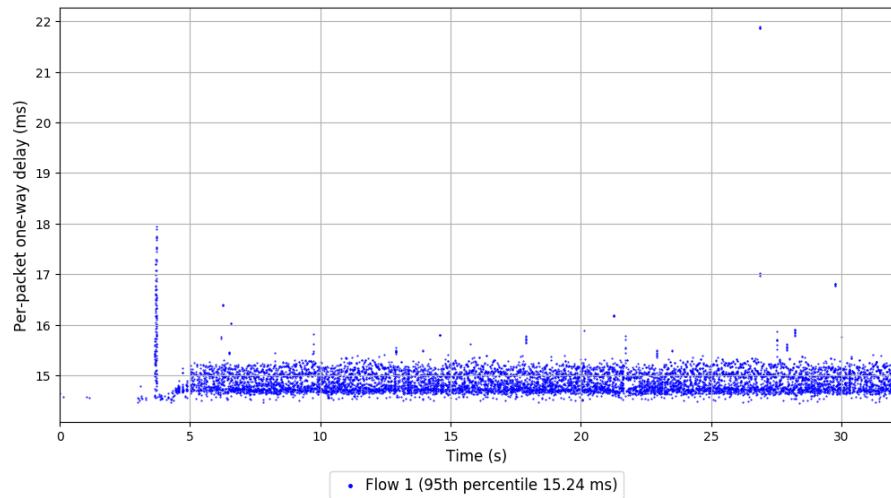
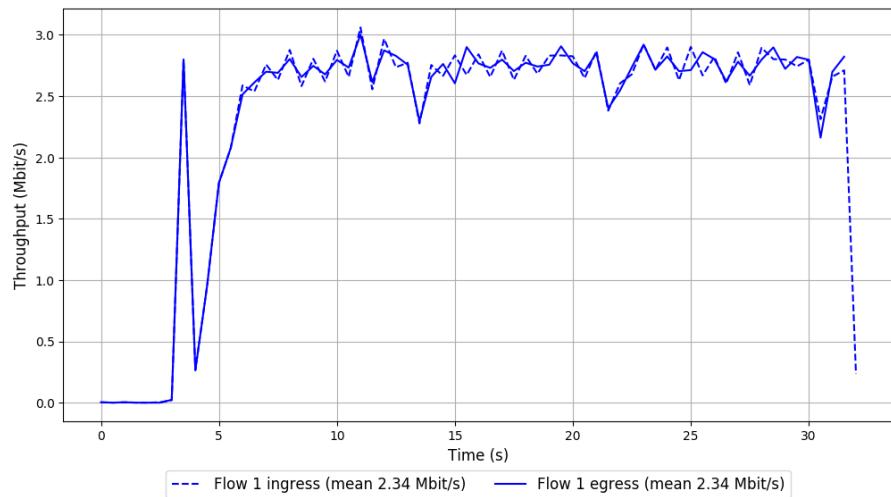


Run 2: Statistics of WebRTC media

```
Start at: 2017-09-03 01:25:25
End at: 2017-09-03 01:25:55
Local clock offset: -2.588 ms
Remote clock offset: -7.43 ms

# Below is generated by plot.py at 2017-09-03 07:34:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 15.241 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 15.241 ms
Loss rate: 0.16%
```

Run 2: Report of WebRTC media — Data Link

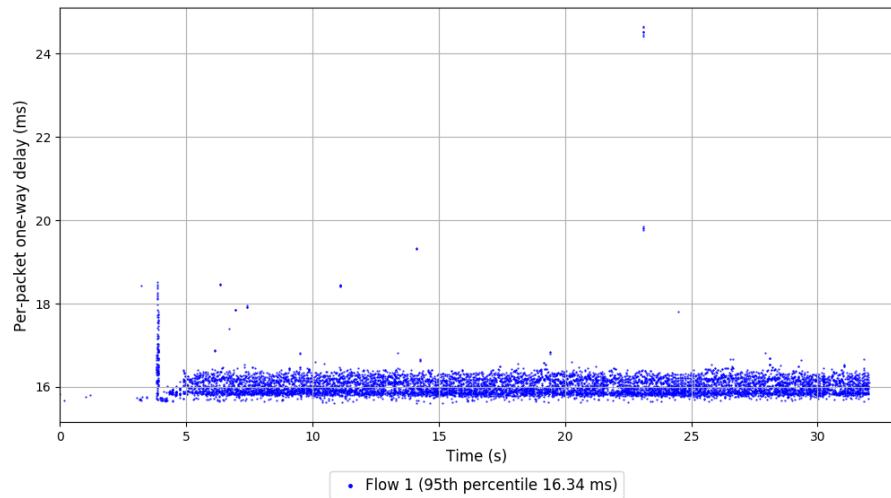
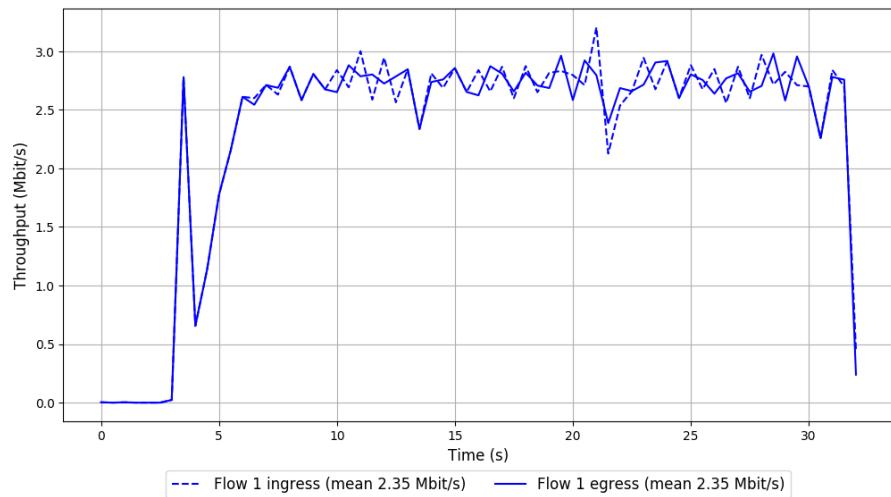


Run 3: Statistics of WebRTC media

```
Start at: 2017-09-03 01:43:13
End at: 2017-09-03 01:43:43
Local clock offset: -1.415 ms
Remote clock offset: -7.319 ms

# Below is generated by plot.py at 2017-09-03 07:34:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 16.342 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 16.342 ms
Loss rate: 0.14%
```

Run 3: Report of WebRTC media — Data Link

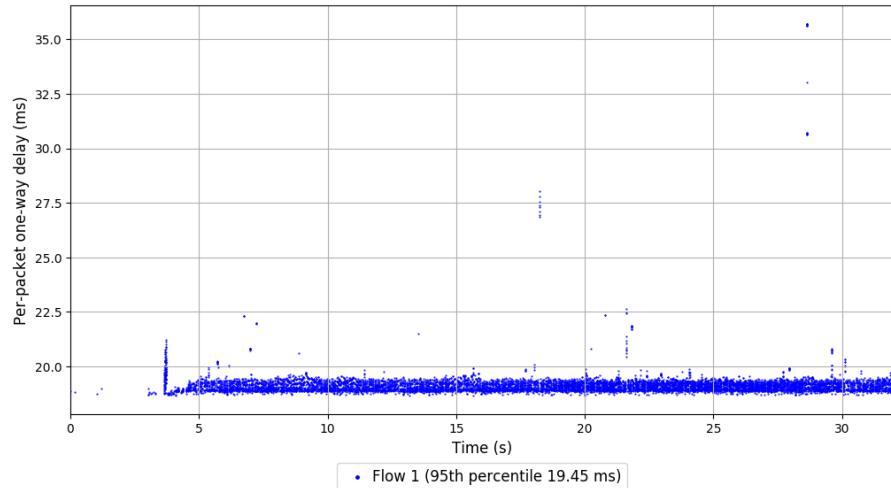
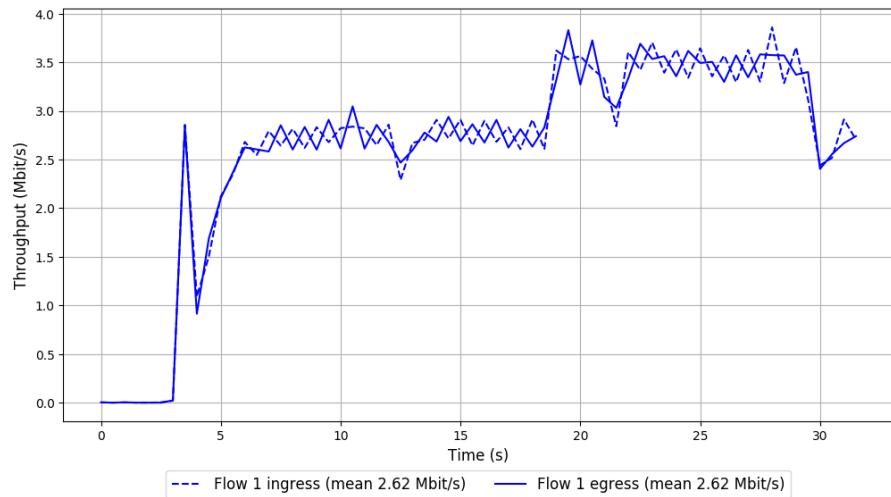


Run 4: Statistics of WebRTC media

```
Start at: 2017-09-03 02:00:53
End at: 2017-09-03 02:01:23
Local clock offset: 1.861 ms
Remote clock offset: -7.055 ms

# Below is generated by plot.py at 2017-09-03 07:34:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.62 Mbit/s
95th percentile per-packet one-way delay: 19.448 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 2.62 Mbit/s
95th percentile per-packet one-way delay: 19.448 ms
Loss rate: 0.16%
```

Run 4: Report of WebRTC media — Data Link

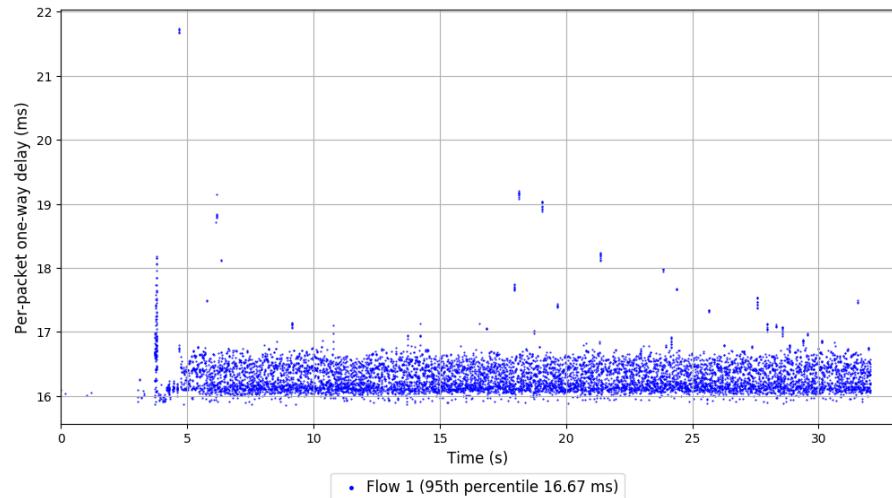
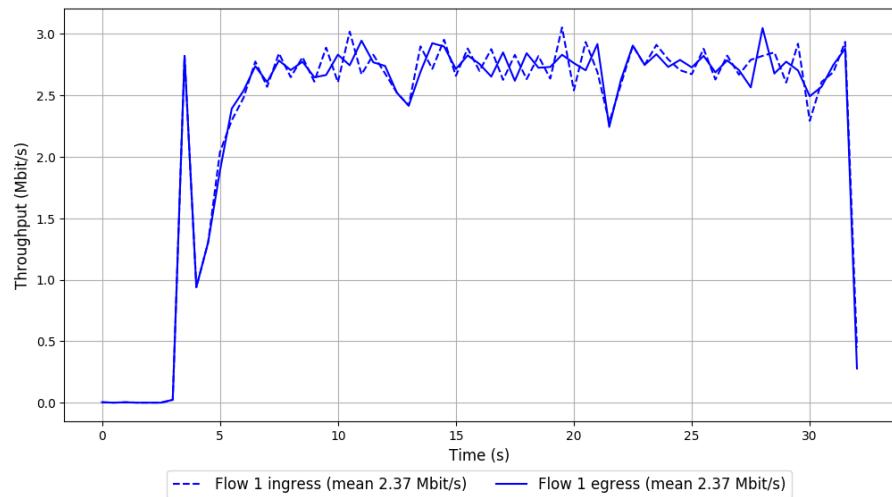


Run 5: Statistics of WebRTC media

```
Start at: 2017-09-03 02:18:47
End at: 2017-09-03 02:19:17
Local clock offset: -0.3 ms
Remote clock offset: -6.406 ms

# Below is generated by plot.py at 2017-09-03 07:34:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 16.673 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 16.673 ms
Loss rate: 0.15%
```

Run 5: Report of WebRTC media — Data Link

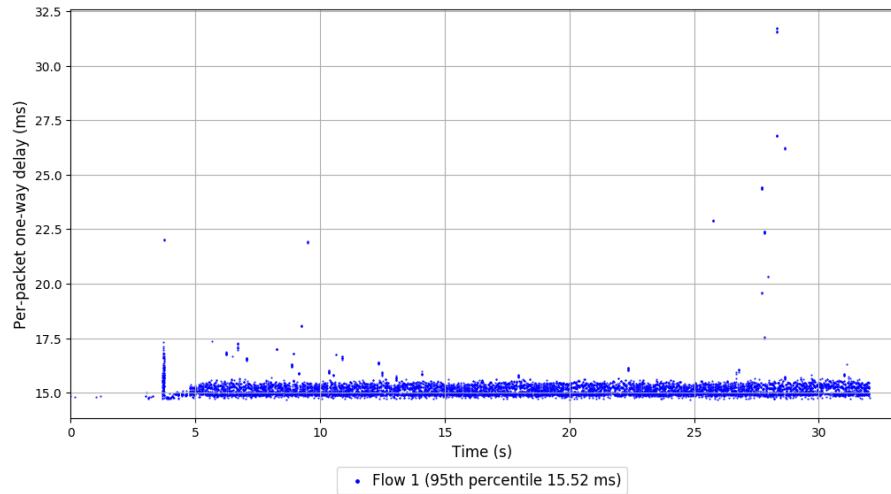
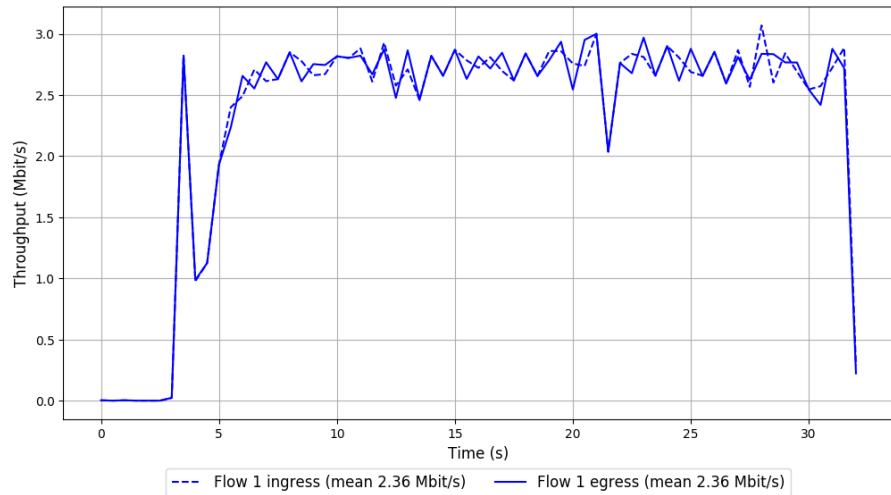


Run 6: Statistics of WebRTC media

```
Start at: 2017-09-03 02:36:33
End at: 2017-09-03 02:37:03
Local clock offset: -1.228 ms
Remote clock offset: -6.058 ms

# Below is generated by plot.py at 2017-09-03 07:34:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 15.521 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 15.521 ms
Loss rate: 0.15%
```

Run 6: Report of WebRTC media — Data Link

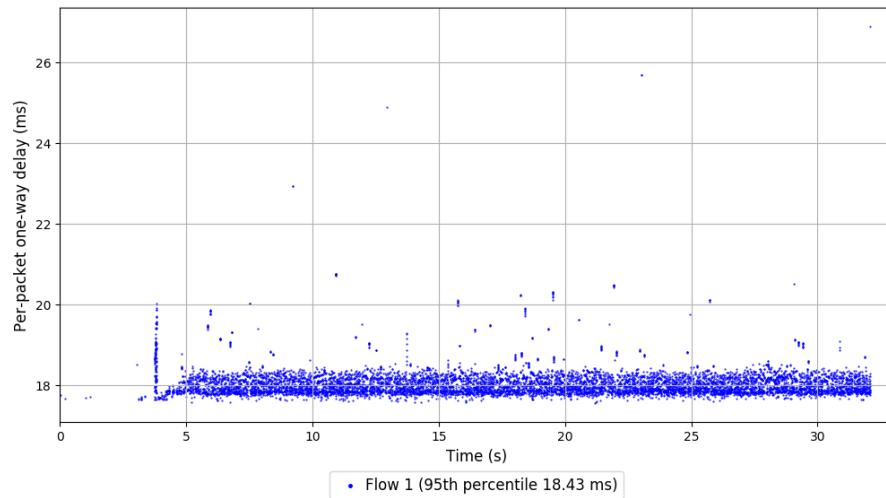
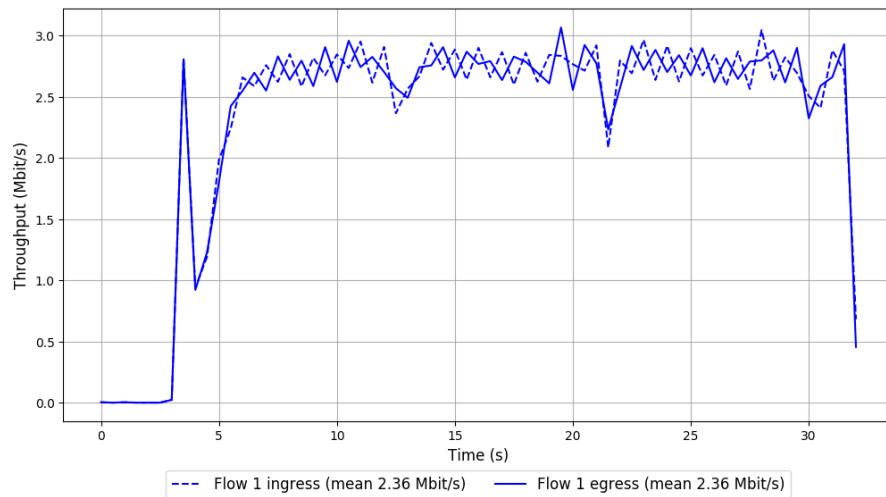


Run 7: Statistics of WebRTC media

```
Start at: 2017-09-03 02:54:35
End at: 2017-09-03 02:55:05
Local clock offset: 1.288 ms
Remote clock offset: -6.321 ms

# Below is generated by plot.py at 2017-09-03 07:34:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 18.435 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 18.435 ms
Loss rate: 0.15%
```

Run 7: Report of WebRTC media — Data Link

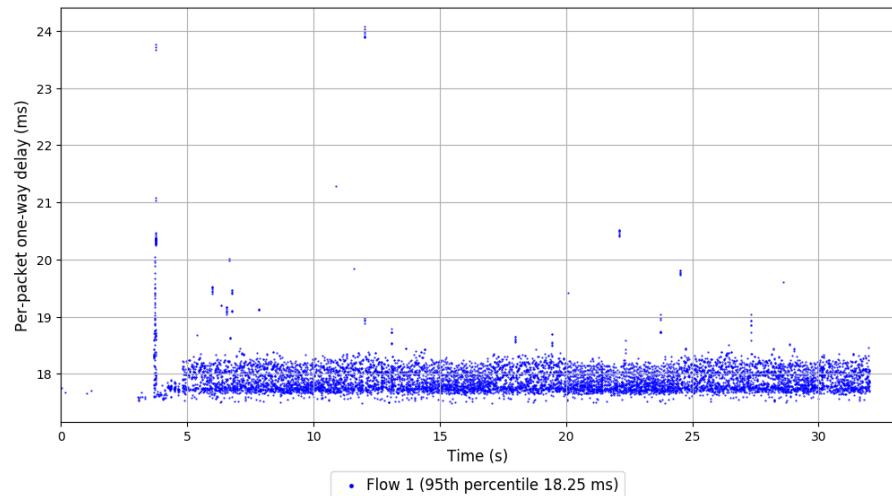
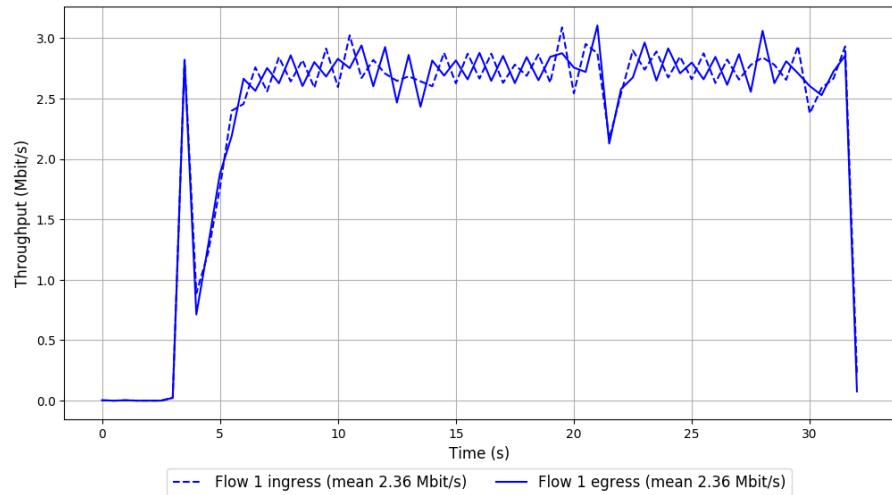


Run 8: Statistics of WebRTC media

```
Start at: 2017-09-03 03:12:20
End at: 2017-09-03 03:12:50
Local clock offset: 1.191 ms
Remote clock offset: -6.352 ms

# Below is generated by plot.py at 2017-09-03 07:34:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 18.254 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 18.254 ms
Loss rate: 0.15%
```

Run 8: Report of WebRTC media — Data Link

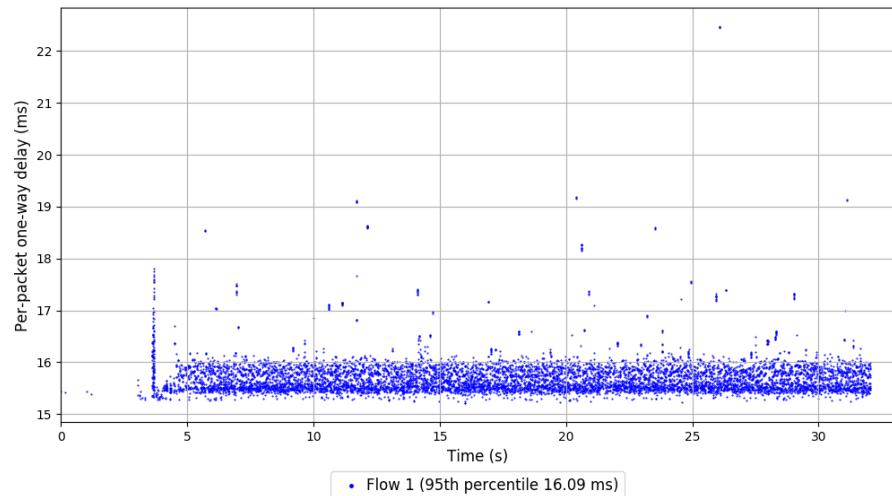
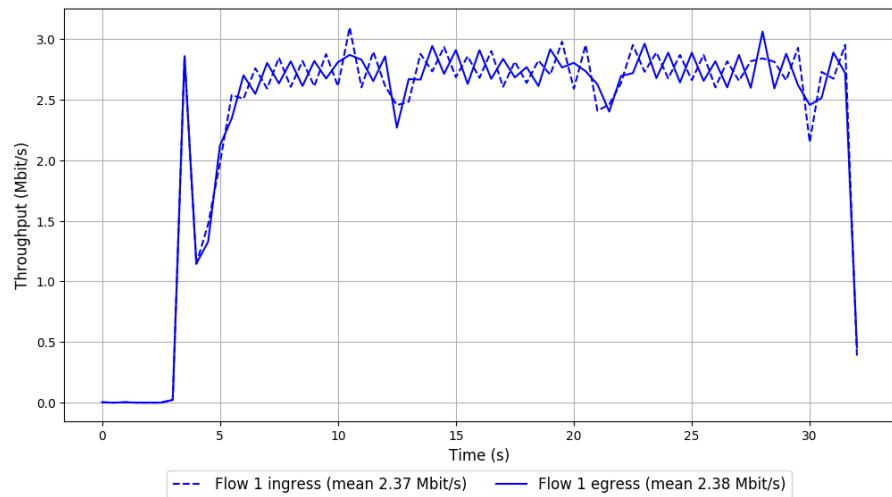


Run 9: Statistics of WebRTC media

```
Start at: 2017-09-03 03:30:22
End at: 2017-09-03 03:30:52
Local clock offset: -0.936 ms
Remote clock offset: -6.248 ms

# Below is generated by plot.py at 2017-09-03 07:34:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 16.091 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 16.091 ms
Loss rate: 0.10%
```

Run 9: Report of WebRTC media — Data Link



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

```
Start at: 2017-09-03 03:48:19
End at: 2017-09-03 03:48:49
Local clock offset: -0.628 ms
Remote clock offset: -6.403 ms

# Below is generated by plot.py at 2017-09-03 07:34:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 16.372 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 16.372 ms
Loss rate: 0.10%
```

Run 10: Report of WebRTC media — Data Link

