

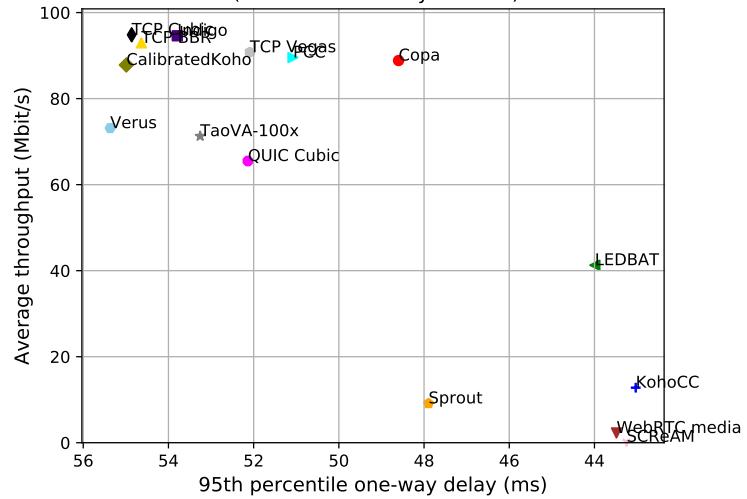
Pantheon Report

Generated at 2017-08-29 15:02:00 (UTC).
Data path: Mexico Ethernet (*remote*) → AWS California 2 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 `time.stanford.edu` and have been applied to correct the timestamps in logs.

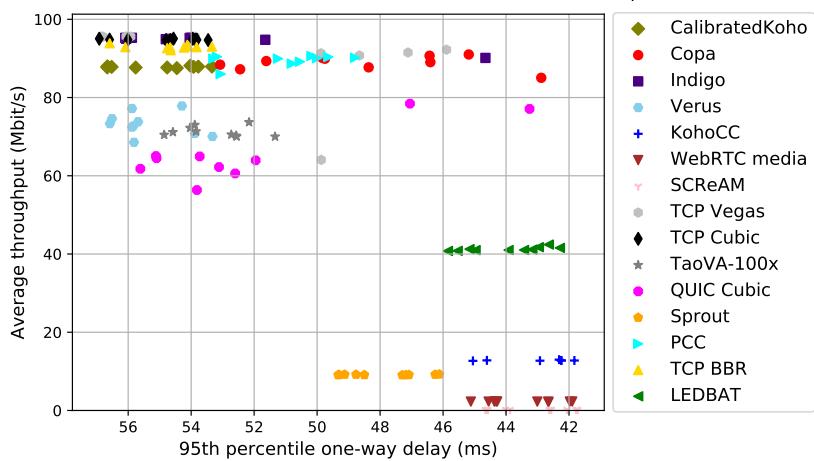
Git summary:

```
branch: master @ 8a8eb0fa450ac2fa3f5abc8e72a84db4249be58f
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
third_party/indigo @ 7ddb4adf480966042c0438984cb22a298bfa635f
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179aab4a906ce6bb7cf3cf
third_party/pantheon-stimuli @ fc73a85ca16c34366d1888dc8a0d0d88d4ebf2a7
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



test from Mexico Ethernet to AWS California 2 Ethernet, 10 runs of 30s each per scheme



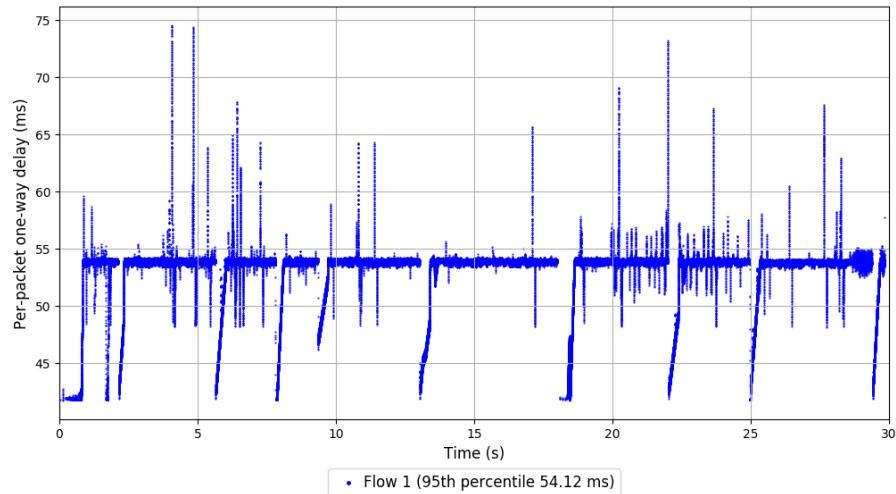
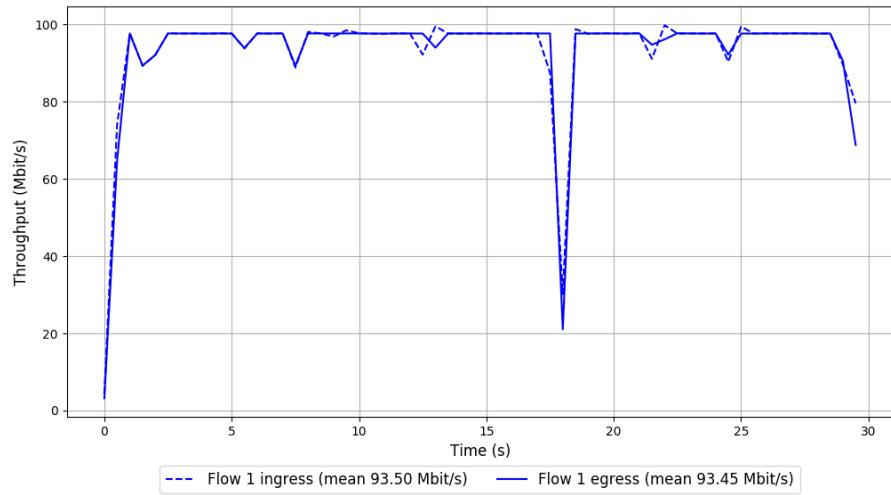
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	92.96	54.64	0.36
CalibratedKoho	10	87.82	54.99	0.36
Copa	10	88.85	48.60	0.35
TCP Cubic	10	94.83	54.86	0.35
Indigo	10	94.61	53.79	0.35
KohoCC	7	12.80	43.03	0.33
LEDBAT	10	41.27	43.99	0.61
PCC	10	89.54	51.08	0.34
QUIC Cubic	10	65.50	52.13	0.35
SCReAM	10	0.22	43.25	0.28
Sprout	10	9.14	47.90	0.30
TaoVA-100x	10	71.27	53.26	0.41
TCP Vegas	10	90.77	52.09	0.35
Verus	10	73.14	55.37	0.35
WebRTC media	10	2.27	43.48	0.36

Run 1: Statistics of TCP BBR

```
Start at: 2017-08-29 07:53:31
End at: 2017-08-29 07:54:01
Local clock offset: 0.769 ms
Remote clock offset: -0.236 ms

# Below is generated by plot.py at 2017-08-29 14:50:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.45 Mbit/s
95th percentile per-packet one-way delay: 54.122 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 93.45 Mbit/s
95th percentile per-packet one-way delay: 54.122 ms
Loss rate: 0.36%
```

Run 1: Report of TCP BBR — Data Link

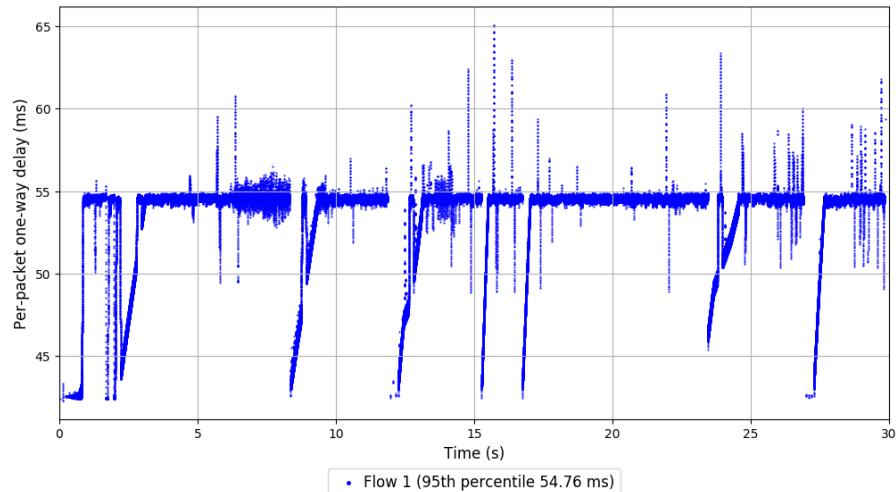
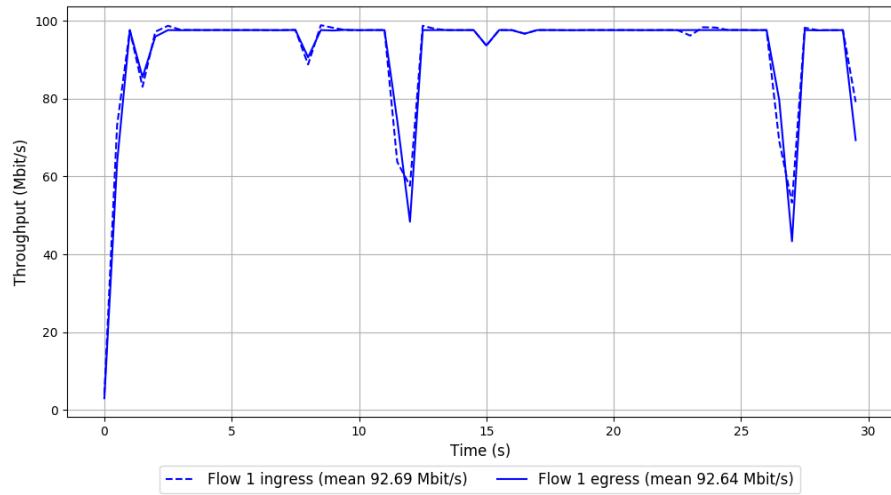


Run 2: Statistics of TCP BBR

```
Start at: 2017-08-29 08:13:54
End at: 2017-08-29 08:14:24
Local clock offset: 0.629 ms
Remote clock offset: 0.323 ms

# Below is generated by plot.py at 2017-08-29 14:50:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.64 Mbit/s
95th percentile per-packet one-way delay: 54.761 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 92.64 Mbit/s
95th percentile per-packet one-way delay: 54.761 ms
Loss rate: 0.37%
```

Run 2: Report of TCP BBR — Data Link

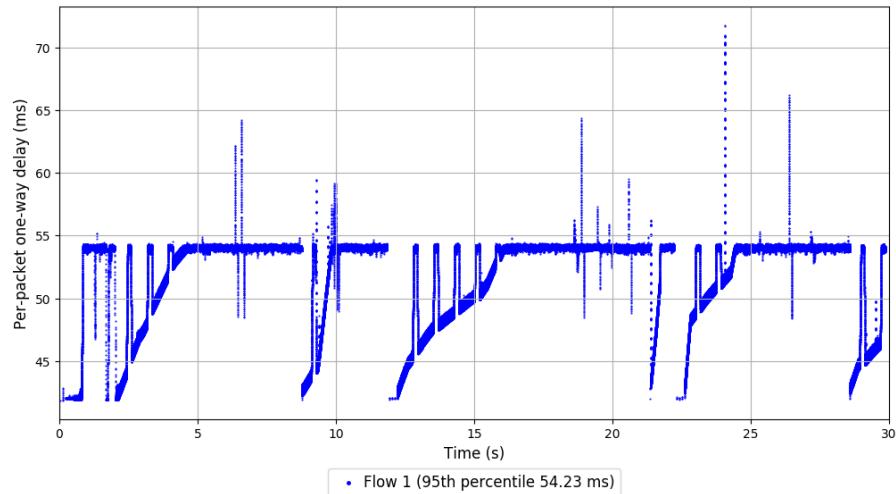
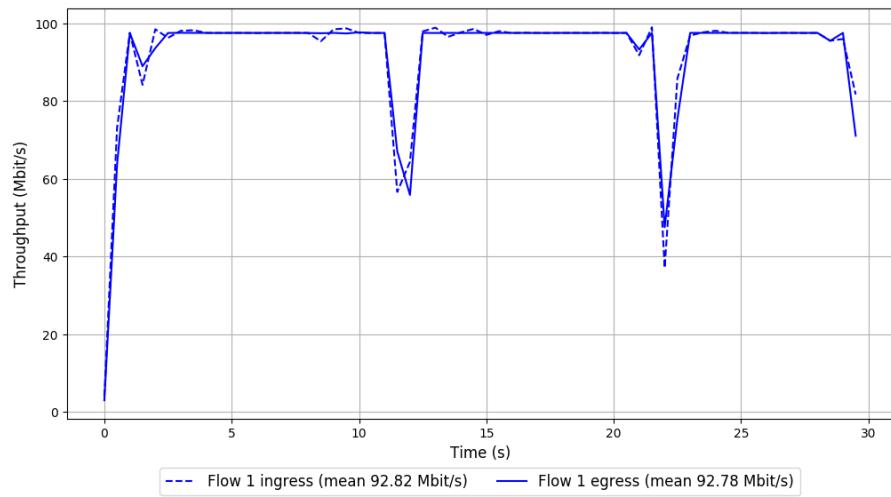


Run 3: Statistics of TCP BBR

```
Start at: 2017-08-29 08:34:11
End at: 2017-08-29 08:34:41
Local clock offset: 0.568 ms
Remote clock offset: 1.307 ms

# Below is generated by plot.py at 2017-08-29 14:50:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.78 Mbit/s
95th percentile per-packet one-way delay: 54.230 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 92.78 Mbit/s
95th percentile per-packet one-way delay: 54.230 ms
Loss rate: 0.35%
```

Run 3: Report of TCP BBR — Data Link

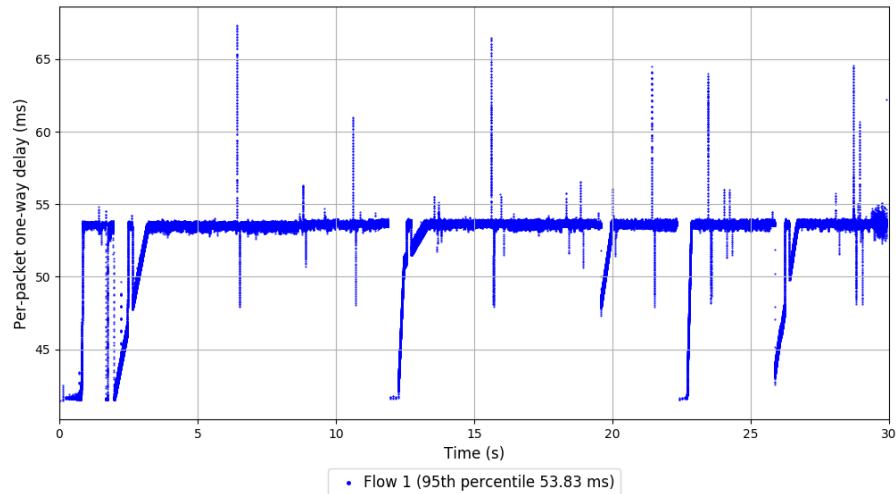
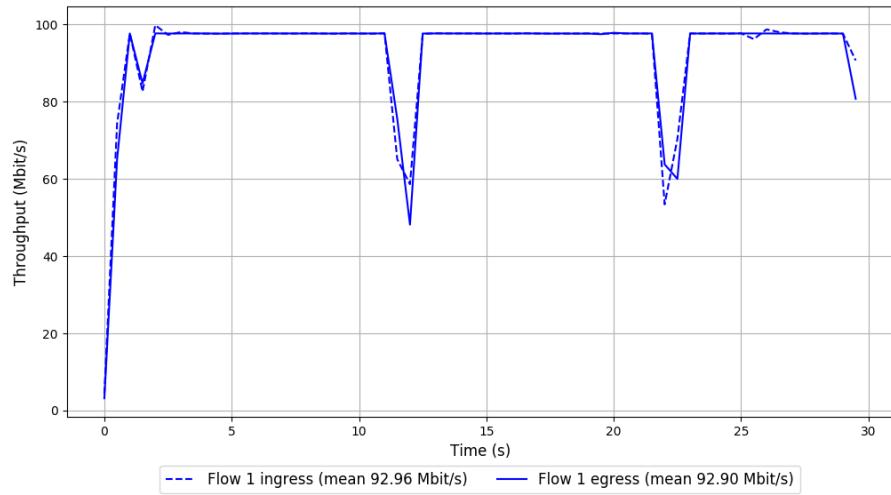


Run 4: Statistics of TCP BBR

```
Start at: 2017-08-29 08:54:31
End at: 2017-08-29 08:55:01
Local clock offset: 0.619 ms
Remote clock offset: 1.176 ms

# Below is generated by plot.py at 2017-08-29 14:50:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.90 Mbit/s
95th percentile per-packet one-way delay: 53.827 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 92.90 Mbit/s
95th percentile per-packet one-way delay: 53.827 ms
Loss rate: 0.37%
```

Run 4: Report of TCP BBR — Data Link

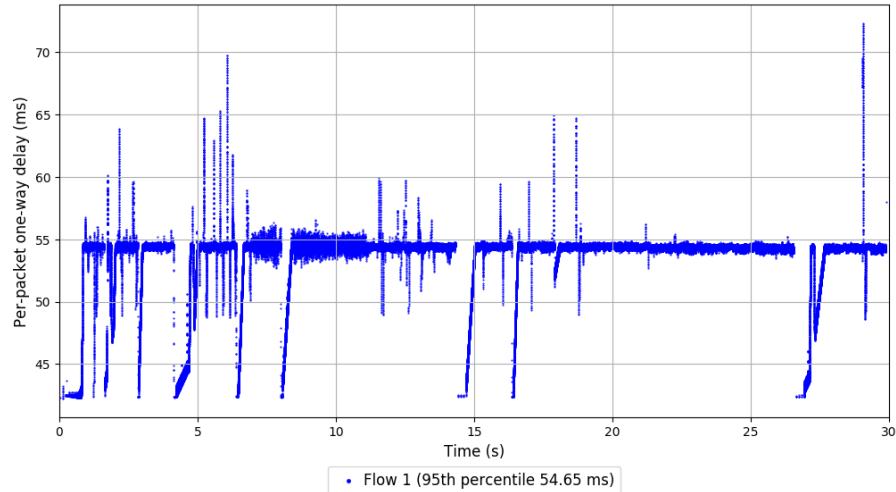
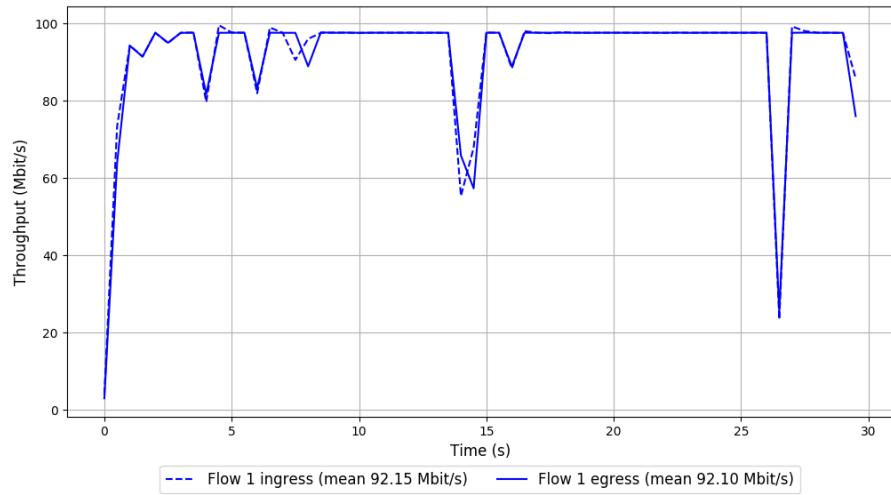


Run 5: Statistics of TCP BBR

```
Start at: 2017-08-29 09:14:53
End at: 2017-08-29 09:15:23
Local clock offset: 0.698 ms
Remote clock offset: 1.126 ms

# Below is generated by plot.py at 2017-08-29 14:50:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.10 Mbit/s
95th percentile per-packet one-way delay: 54.649 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 92.10 Mbit/s
95th percentile per-packet one-way delay: 54.649 ms
Loss rate: 0.37%
```

Run 5: Report of TCP BBR — Data Link

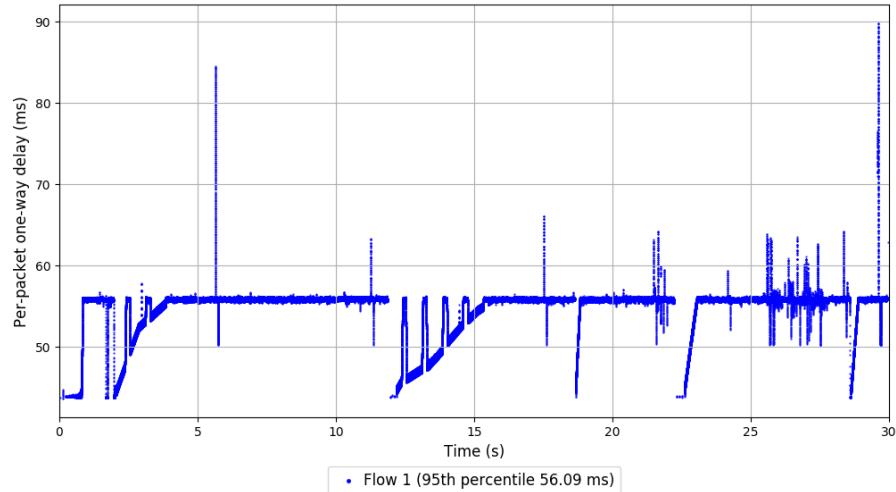
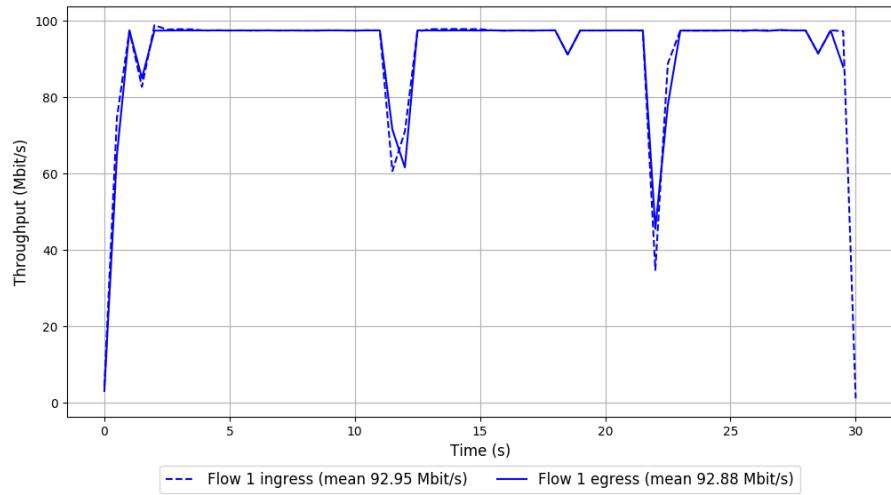


Run 6: Statistics of TCP BBR

```
Start at: 2017-08-29 09:35:16
End at: 2017-08-29 09:35:46
Local clock offset: 0.655 ms
Remote clock offset: -1.161 ms

# Below is generated by plot.py at 2017-08-29 14:50:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.88 Mbit/s
95th percentile per-packet one-way delay: 56.088 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 92.88 Mbit/s
95th percentile per-packet one-way delay: 56.088 ms
Loss rate: 0.38%
```

Run 6: Report of TCP BBR — Data Link

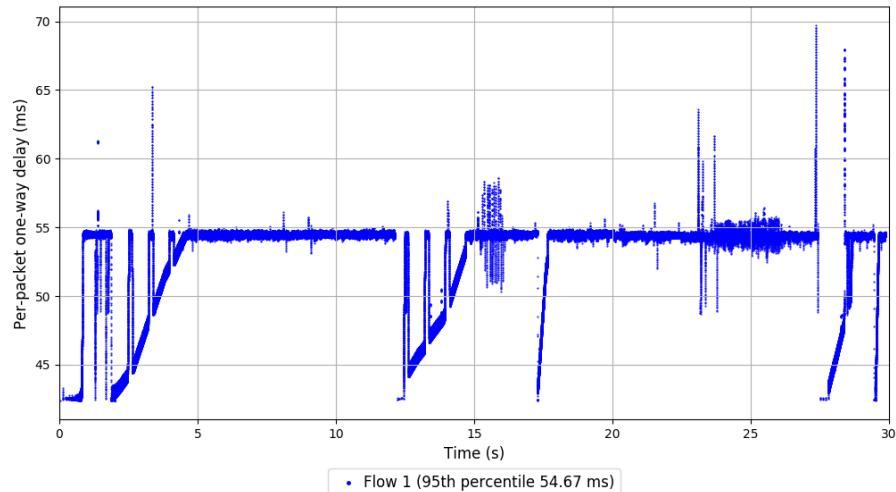
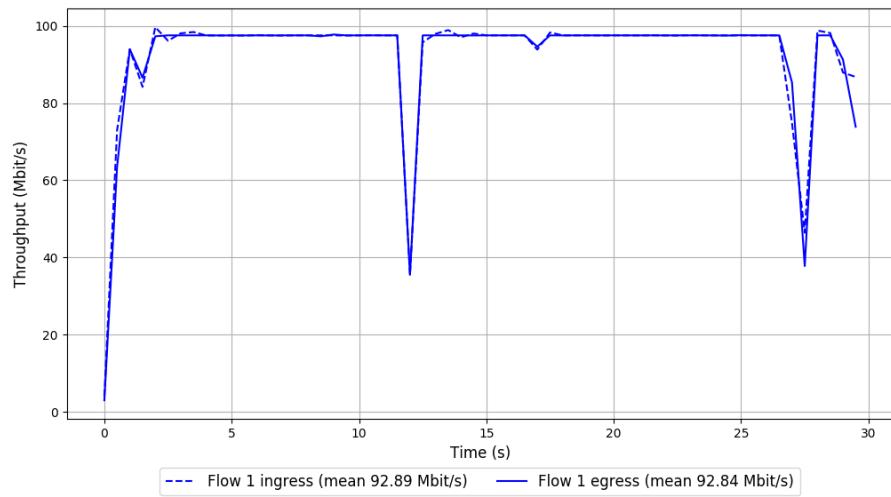


Run 7: Statistics of TCP BBR

```
Start at: 2017-08-29 09:55:36
End at: 2017-08-29 09:56:06
Local clock offset: 0.619 ms
Remote clock offset: 0.803 ms

# Below is generated by plot.py at 2017-08-29 14:50:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.84 Mbit/s
95th percentile per-packet one-way delay: 54.666 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 92.84 Mbit/s
95th percentile per-packet one-way delay: 54.666 ms
Loss rate: 0.36%
```

Run 7: Report of TCP BBR — Data Link

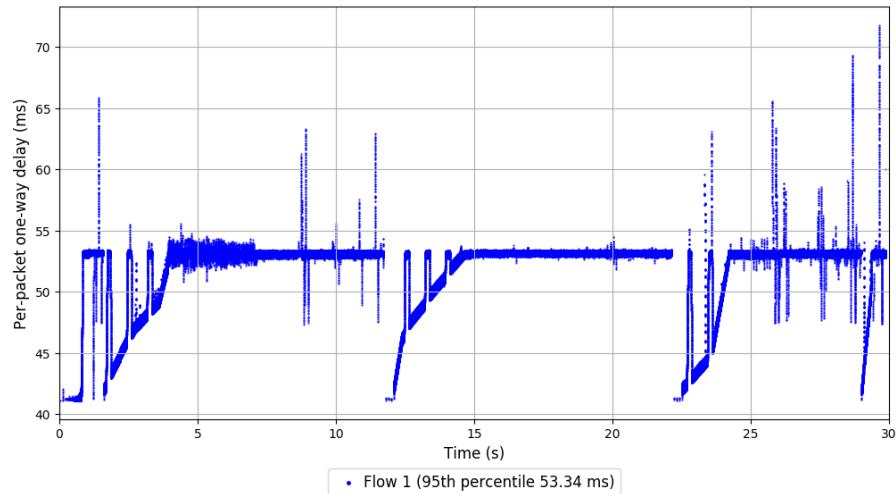
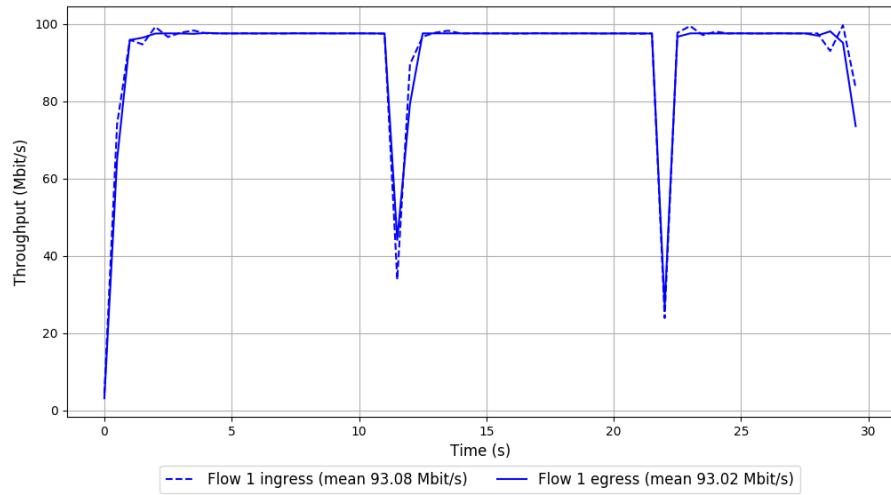


Run 8: Statistics of TCP BBR

```
Start at: 2017-08-29 10:15:57
End at: 2017-08-29 10:16:27
Local clock offset: 0.493 ms
Remote clock offset: 1.074 ms

# Below is generated by plot.py at 2017-08-29 14:50:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.02 Mbit/s
95th percentile per-packet one-way delay: 53.341 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 93.02 Mbit/s
95th percentile per-packet one-way delay: 53.341 ms
Loss rate: 0.36%
```

Run 8: Report of TCP BBR — Data Link

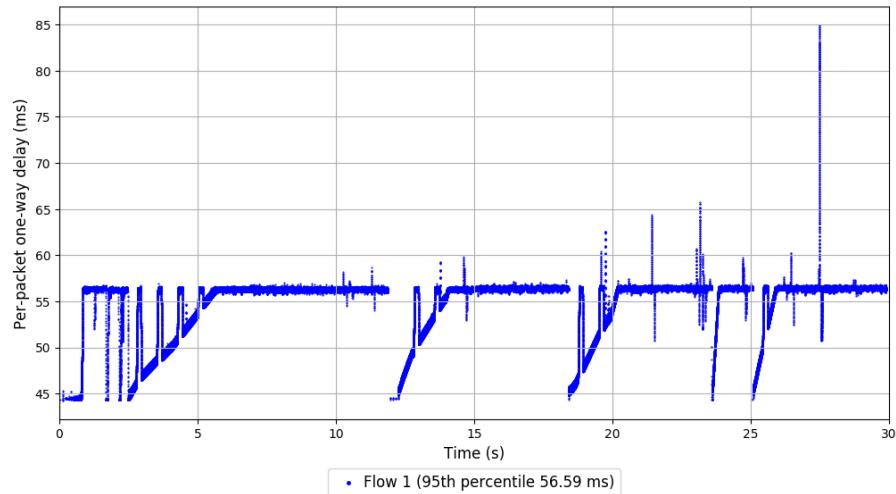
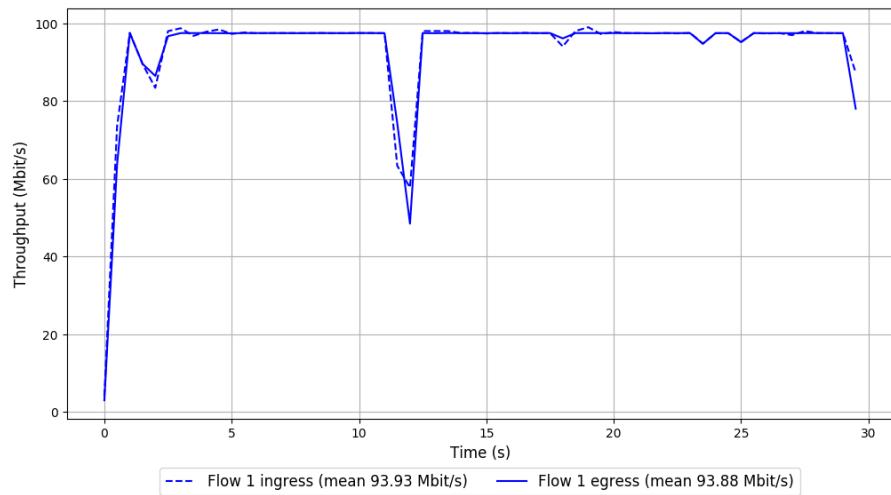


Run 9: Statistics of TCP BBR

```
Start at: 2017-08-29 10:36:16
End at: 2017-08-29 10:36:46
Local clock offset: 0.409 ms
Remote clock offset: -1.975 ms

# Below is generated by plot.py at 2017-08-29 14:50:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.88 Mbit/s
95th percentile per-packet one-way delay: 56.587 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 93.88 Mbit/s
95th percentile per-packet one-way delay: 56.587 ms
Loss rate: 0.36%
```

Run 9: Report of TCP BBR — Data Link

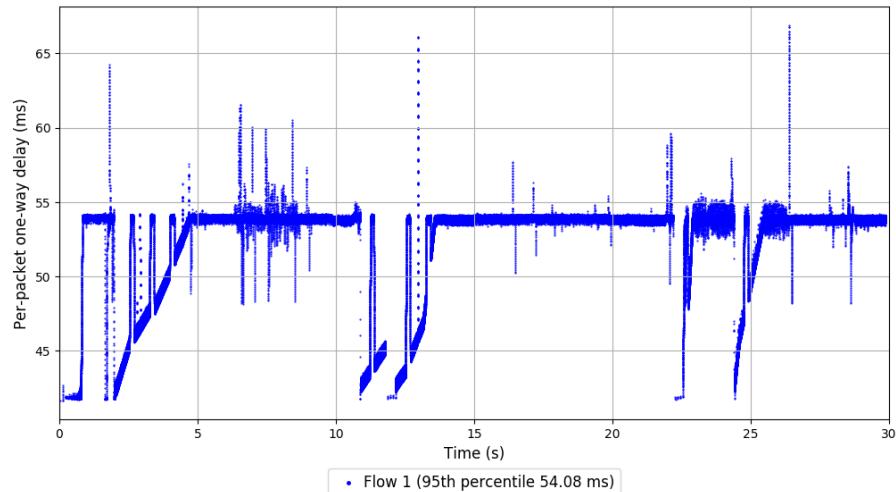
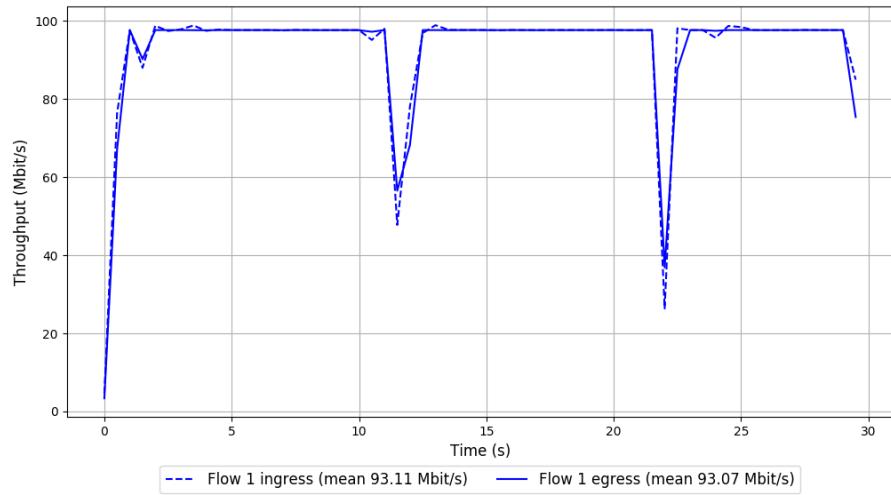


Run 10: Statistics of TCP BBR

```
Start at: 2017-08-29 10:56:37
End at: 2017-08-29 10:57:07
Local clock offset: 0.425 ms
Remote clock offset: -0.297 ms

# Below is generated by plot.py at 2017-08-29 14:51:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.07 Mbit/s
95th percentile per-packet one-way delay: 54.083 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 93.07 Mbit/s
95th percentile per-packet one-way delay: 54.083 ms
Loss rate: 0.36%
```

Run 10: Report of TCP BBR — Data Link

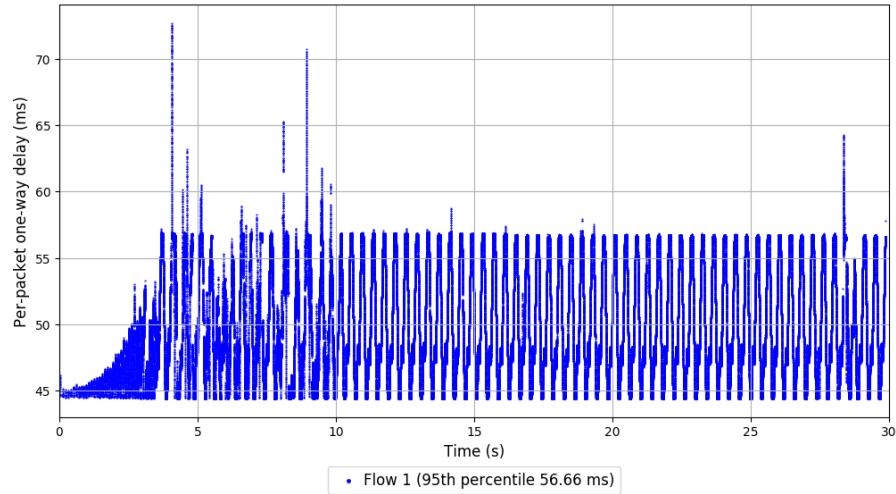
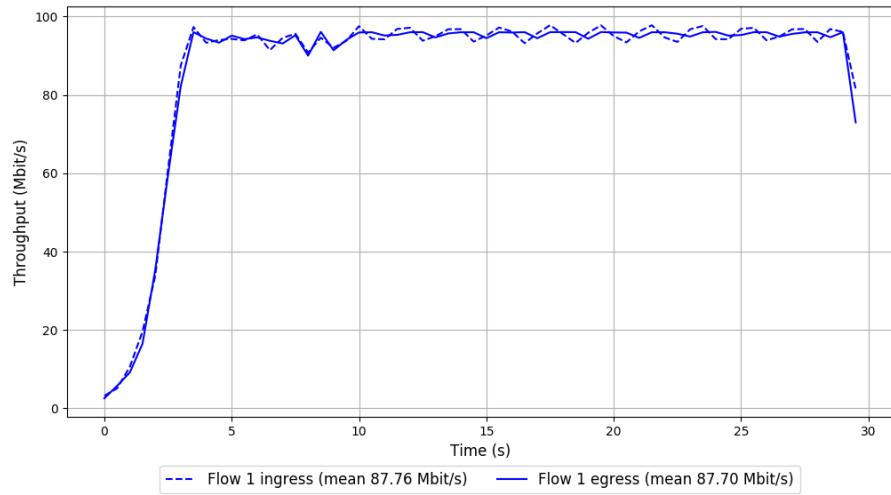


```
Run 1: Statistics of CalibratedKoho

Start at: 2017-08-29 07:38:28
End at: 2017-08-29 07:38:58
Local clock offset: 0.682 ms
Remote clock offset: -2.774 ms

# Below is generated by plot.py at 2017-08-29 14:51:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.70 Mbit/s
95th percentile per-packet one-way delay: 56.663 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 87.70 Mbit/s
95th percentile per-packet one-way delay: 56.663 ms
Loss rate: 0.37%
```

Run 1: Report of CalibratedKoho — Data Link

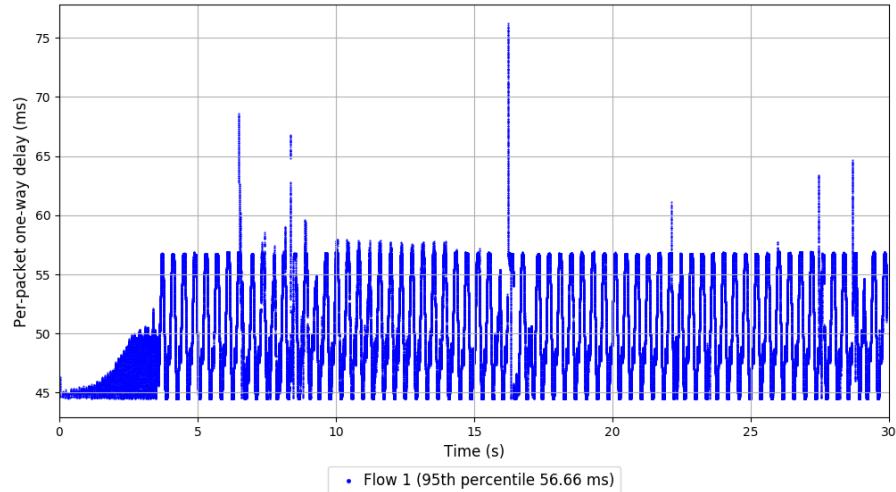
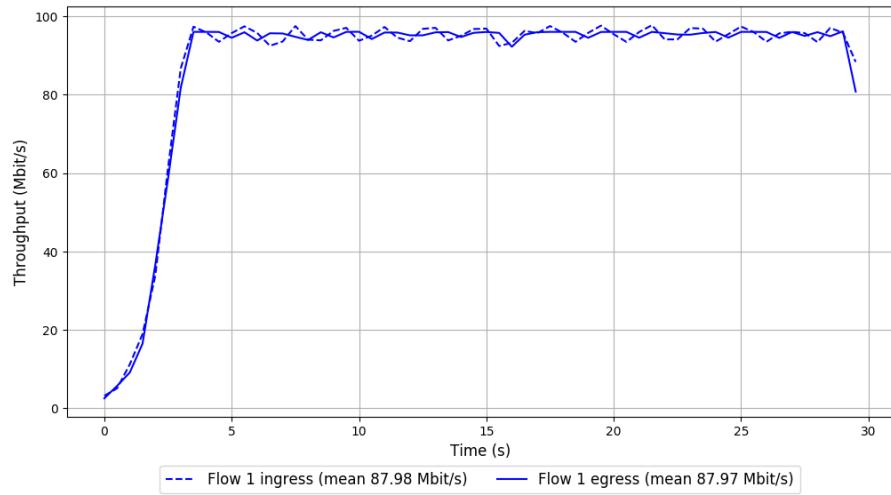


```
Run 2: Statistics of CalibratedKoho
```

```
Start at: 2017-08-29 07:58:51
End at: 2017-08-29 07:59:21
Local clock offset: 0.666 ms
Remote clock offset: -2.21 ms

# Below is generated by plot.py at 2017-08-29 14:51:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.97 Mbit/s
95th percentile per-packet one-way delay: 56.659 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 87.97 Mbit/s
95th percentile per-packet one-way delay: 56.659 ms
Loss rate: 0.32%
```

Run 2: Report of CalibratedKoho — Data Link

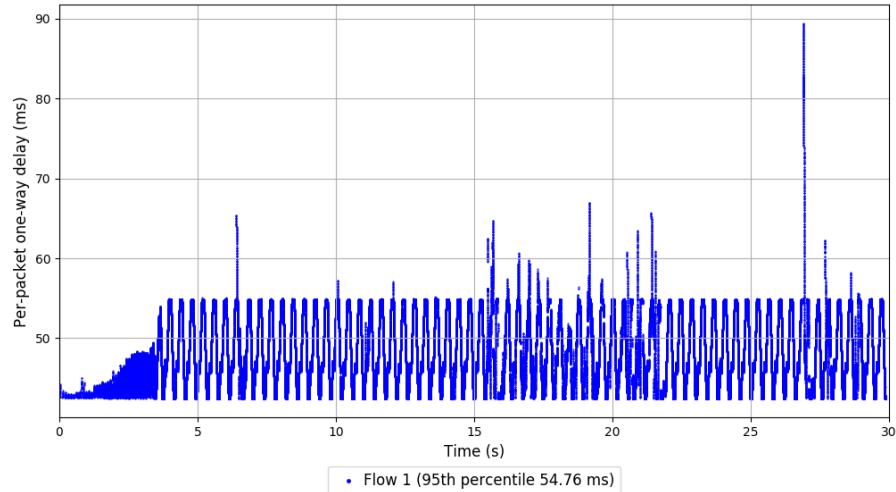
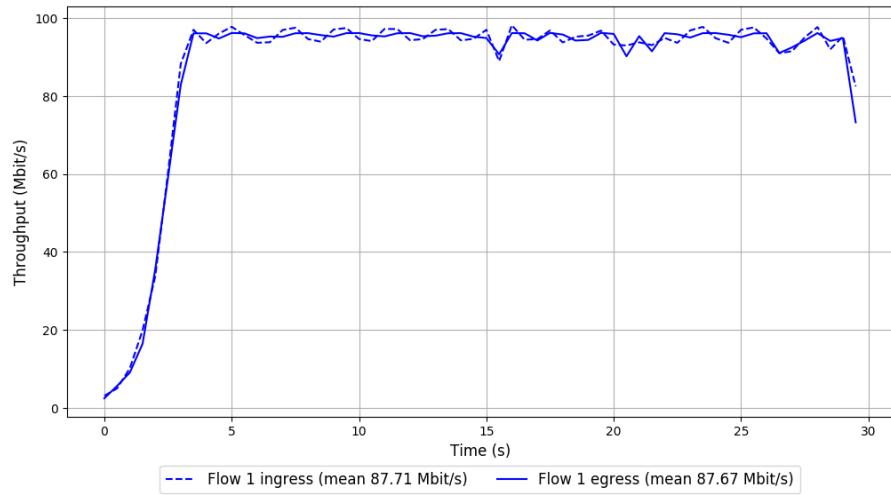


```
Run 3: Statistics of CalibratedKoho
```

```
Start at: 2017-08-29 08:19:11
End at: 2017-08-29 08:19:41
Local clock offset: 0.699 ms
Remote clock offset: 0.526 ms

# Below is generated by plot.py at 2017-08-29 14:51:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.67 Mbit/s
95th percentile per-packet one-way delay: 54.761 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 87.67 Mbit/s
95th percentile per-packet one-way delay: 54.761 ms
Loss rate: 0.35%
```

Run 3: Report of CalibratedKoho — Data Link

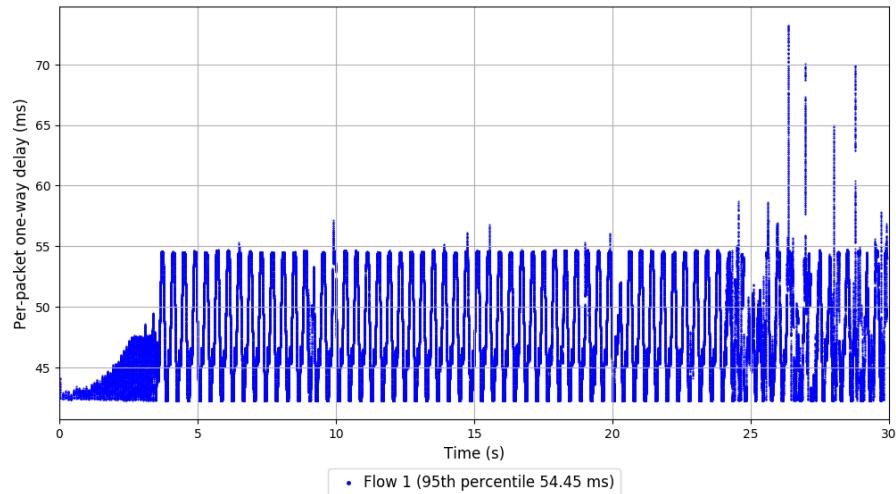
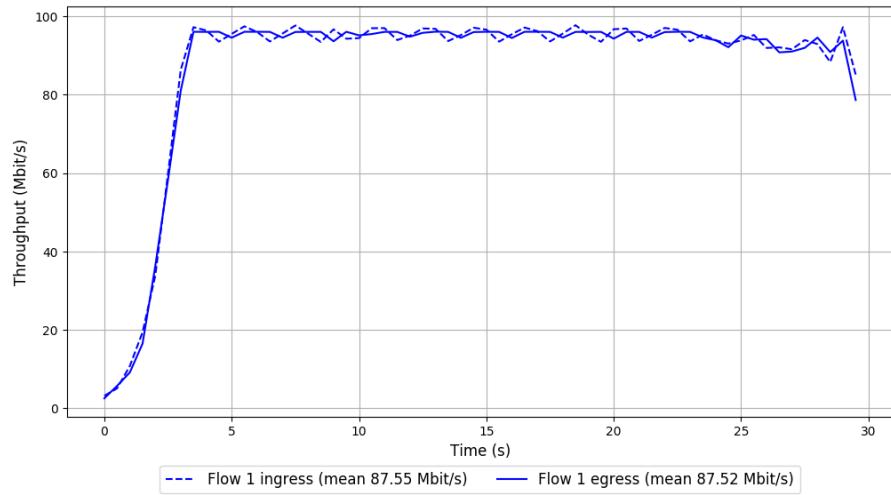


```
Run 4: Statistics of CalibratedKoho
```

```
Start at: 2017-08-29 08:39:30
End at: 2017-08-29 08:40:00
Local clock offset: 0.654 ms
Remote clock offset: 1.036 ms

# Below is generated by plot.py at 2017-08-29 14:51:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.52 Mbit/s
95th percentile per-packet one-way delay: 54.454 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 87.52 Mbit/s
95th percentile per-packet one-way delay: 54.454 ms
Loss rate: 0.33%
```

Run 4: Report of CalibratedKoho — Data Link

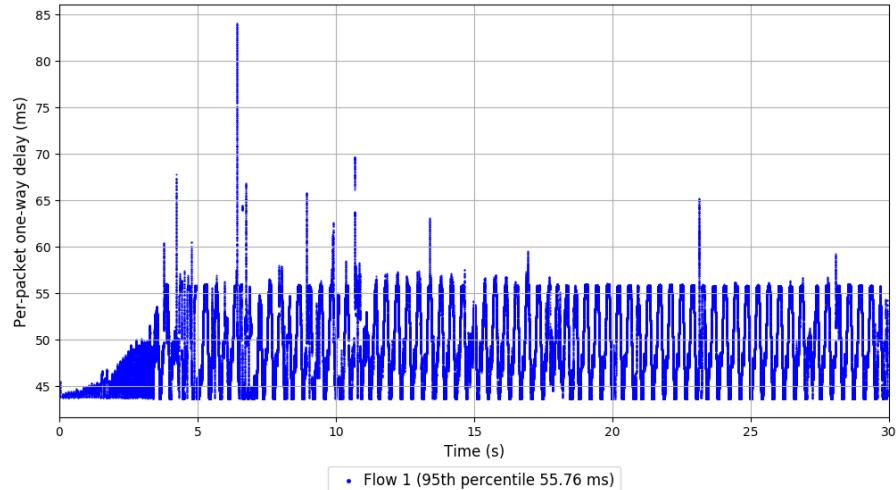
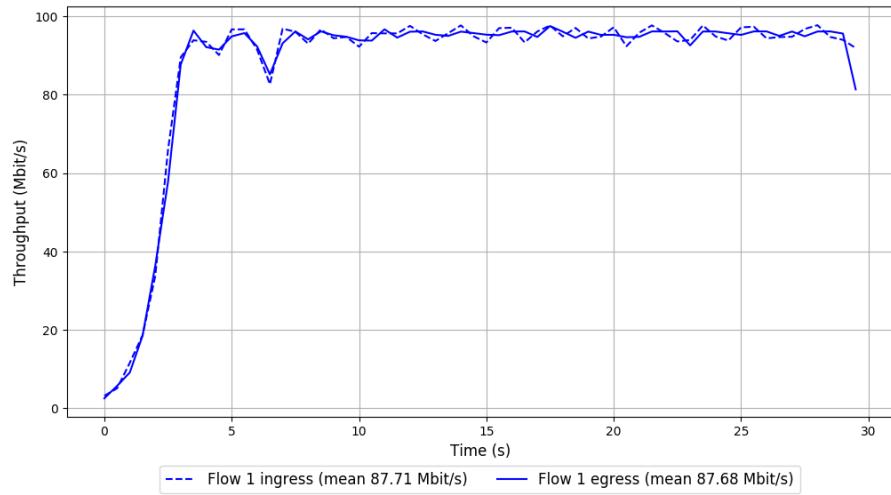


```
Run 5: Statistics of CalibratedKoho
```

```
Start at: 2017-08-29 08:59:49
End at: 2017-08-29 09:00:19
Local clock offset: 0.63 ms
Remote clock offset: -0.889 ms

# Below is generated by plot.py at 2017-08-29 14:51:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.68 Mbit/s
95th percentile per-packet one-way delay: 55.762 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 87.68 Mbit/s
95th percentile per-packet one-way delay: 55.762 ms
Loss rate: 0.35%
```

Run 5: Report of CalibratedKoho — Data Link

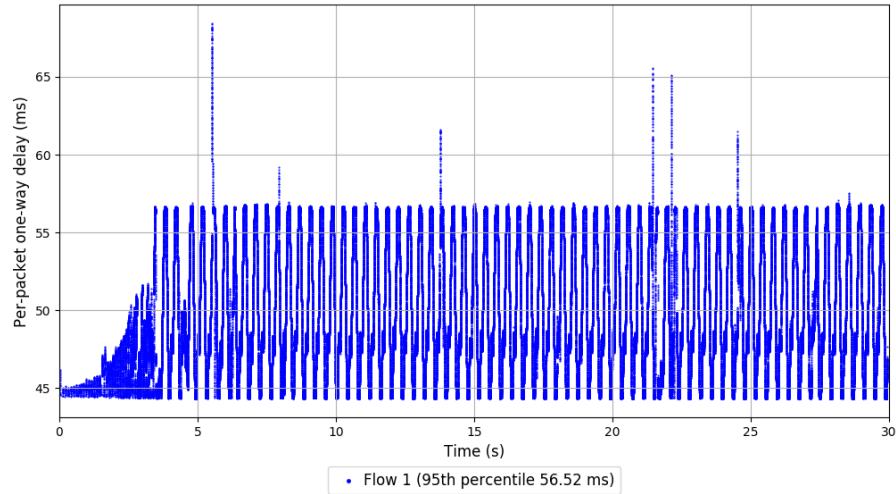
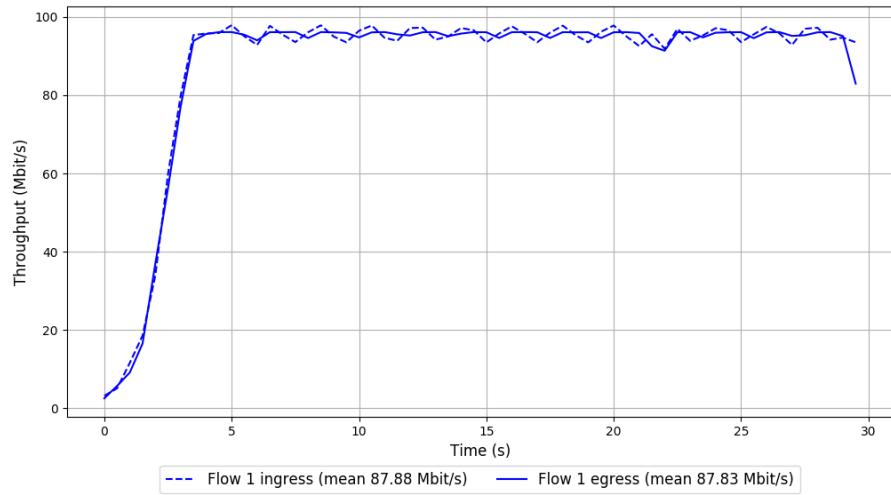


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: 2017-08-29 09:20:12
End at: 2017-08-29 09:20:42
Local clock offset: 0.605 ms
Remote clock offset: -1.005 ms

# Below is generated by plot.py at 2017-08-29 14:51:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.83 Mbit/s
95th percentile per-packet one-way delay: 56.525 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 87.83 Mbit/s
95th percentile per-packet one-way delay: 56.525 ms
Loss rate: 0.37%
```

Run 6: Report of CalibratedKoho — Data Link

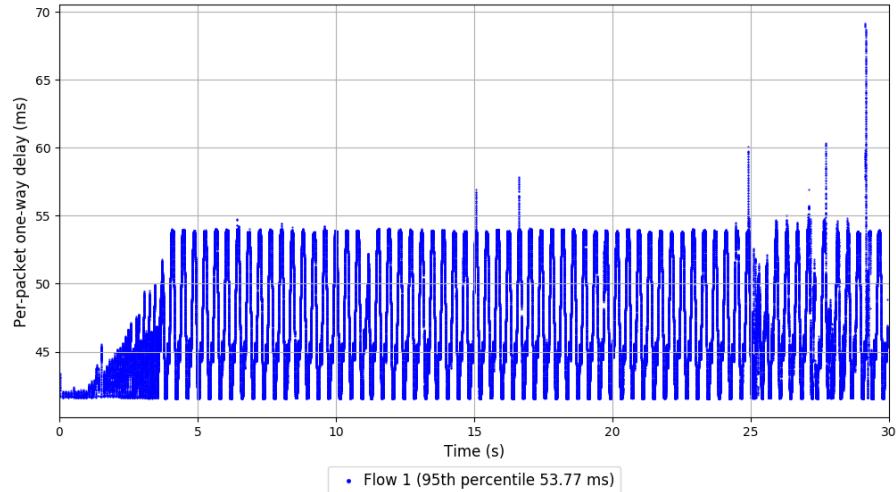
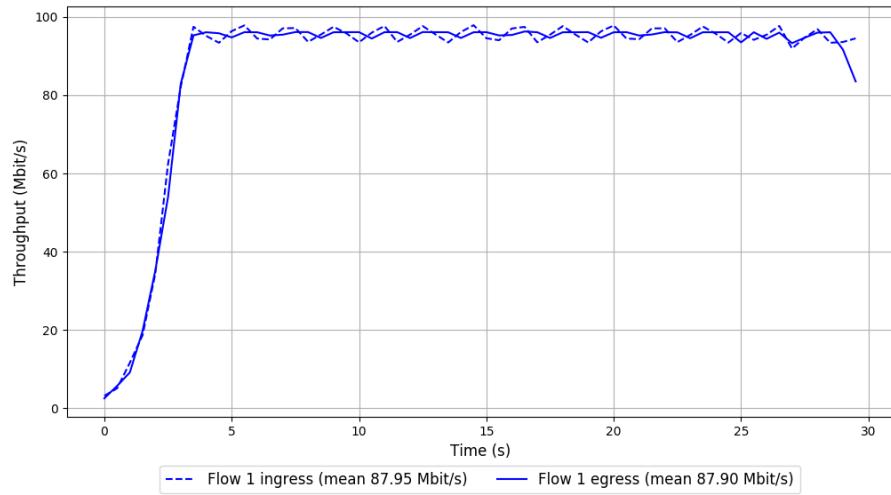


Run 7: Statistics of CalibratedKoho

```
Start at: 2017-08-29 09:40:35
End at: 2017-08-29 09:41:05
Local clock offset: 0.542 ms
Remote clock offset: 0.837 ms

# Below is generated by plot.py at 2017-08-29 14:51:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.90 Mbit/s
95th percentile per-packet one-way delay: 53.773 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 87.90 Mbit/s
95th percentile per-packet one-way delay: 53.773 ms
Loss rate: 0.38%
```

Run 7: Report of CalibratedKoho — Data Link

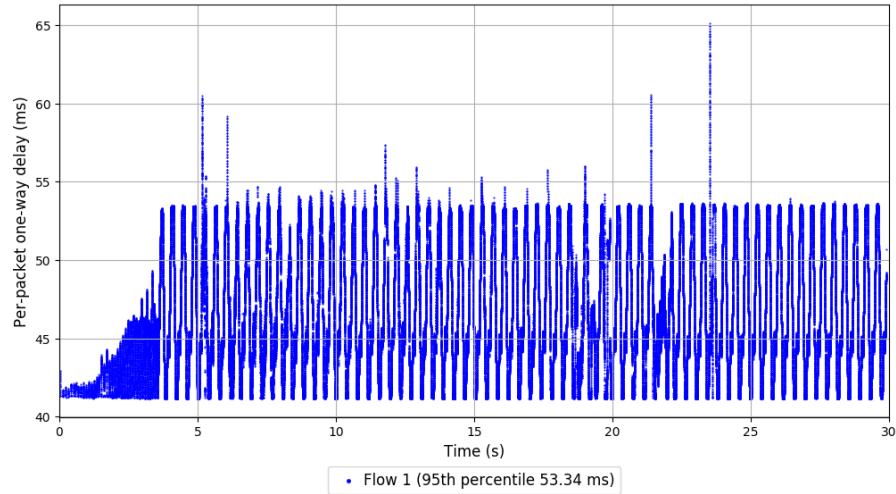
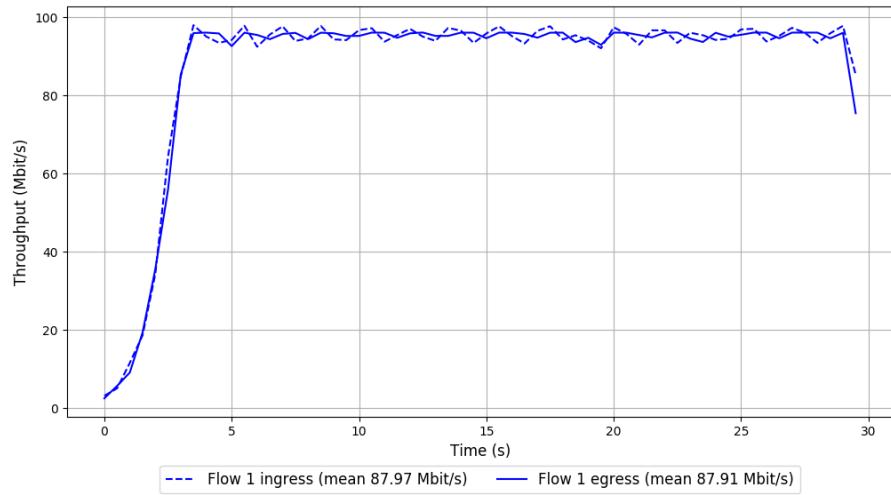


```
Run 8: Statistics of CalibratedKoho
```

```
Start at: 2017-08-29 10:00:54
End at: 2017-08-29 10:01:24
Local clock offset: 0.512 ms
Remote clock offset: 1.152 ms

# Below is generated by plot.py at 2017-08-29 14:51:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.91 Mbit/s
95th percentile per-packet one-way delay: 53.339 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 87.91 Mbit/s
95th percentile per-packet one-way delay: 53.339 ms
Loss rate: 0.39%
```

Run 8: Report of CalibratedKoho — Data Link

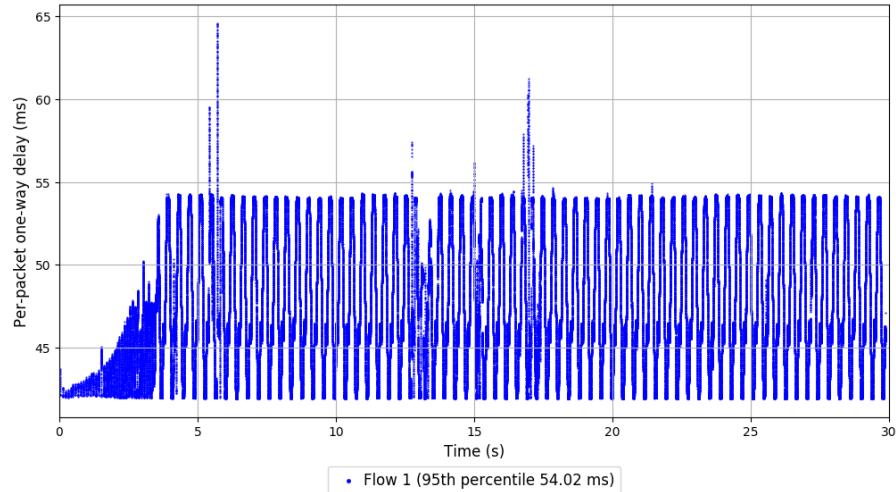
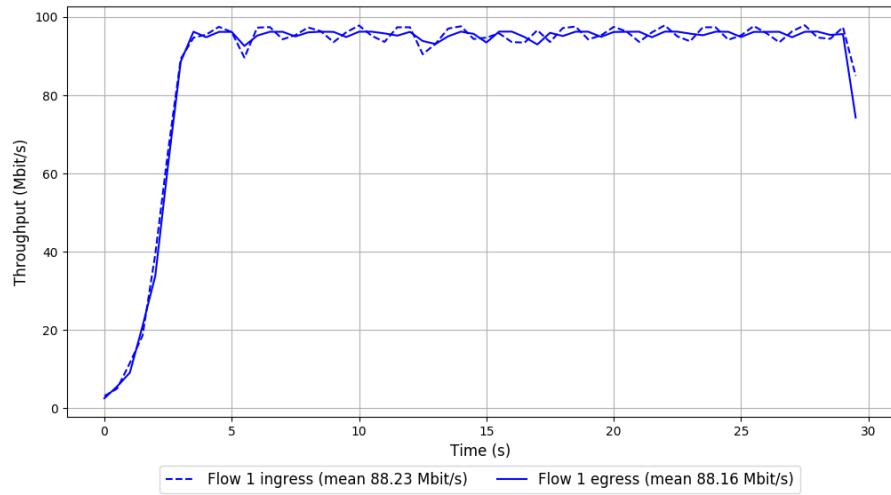


```
Run 9: Statistics of CalibratedKoho
```

```
Start at: 2017-08-29 10:21:14
End at: 2017-08-29 10:21:44
Local clock offset: 0.59 ms
Remote clock offset: 0.93 ms

# Below is generated by plot.py at 2017-08-29 14:51:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.16 Mbit/s
95th percentile per-packet one-way delay: 54.025 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 88.16 Mbit/s
95th percentile per-packet one-way delay: 54.025 ms
Loss rate: 0.39%
```

Run 9: Report of CalibratedKoho — Data Link

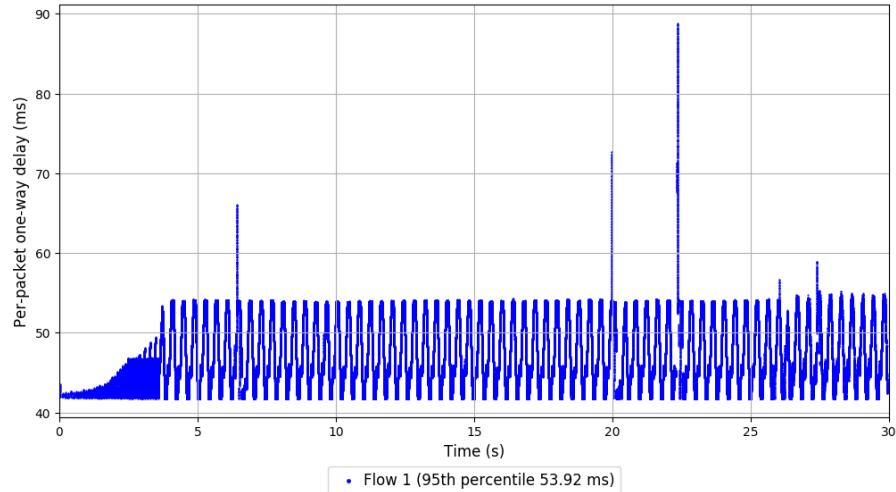
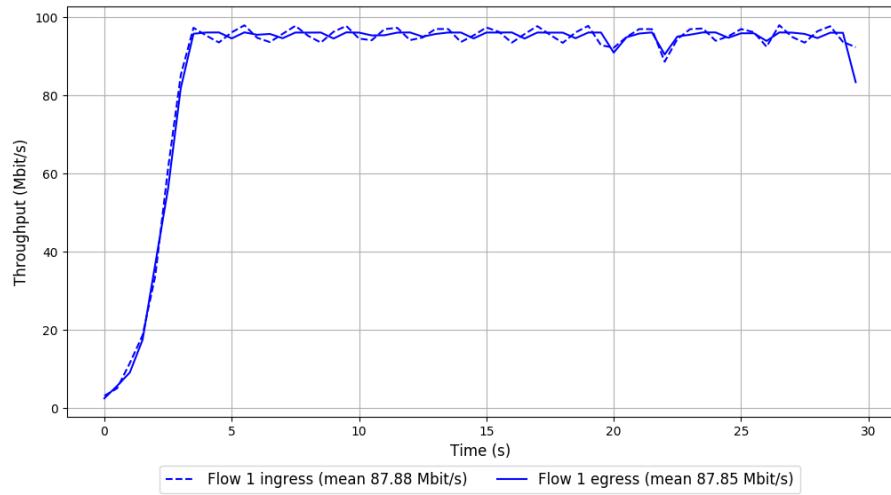


```
Run 10: Statistics of CalibratedKoho
```

```
Start at: 2017-08-29 10:41:34
End at: 2017-08-29 10:42:04
Local clock offset: 0.398 ms
Remote clock offset: 0.496 ms

# Below is generated by plot.py at 2017-08-29 14:51:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.85 Mbit/s
95th percentile per-packet one-way delay: 53.923 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 87.85 Mbit/s
95th percentile per-packet one-way delay: 53.923 ms
Loss rate: 0.33%
```

Run 10: Report of CalibratedKoho — Data Link

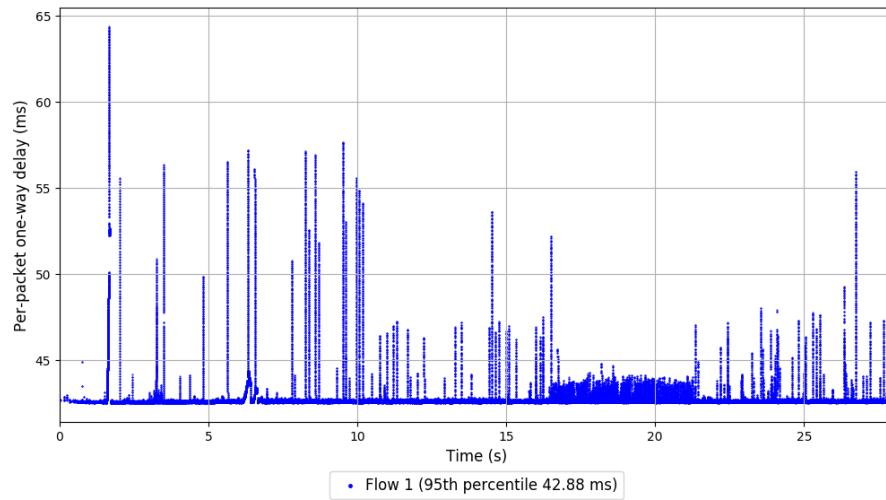
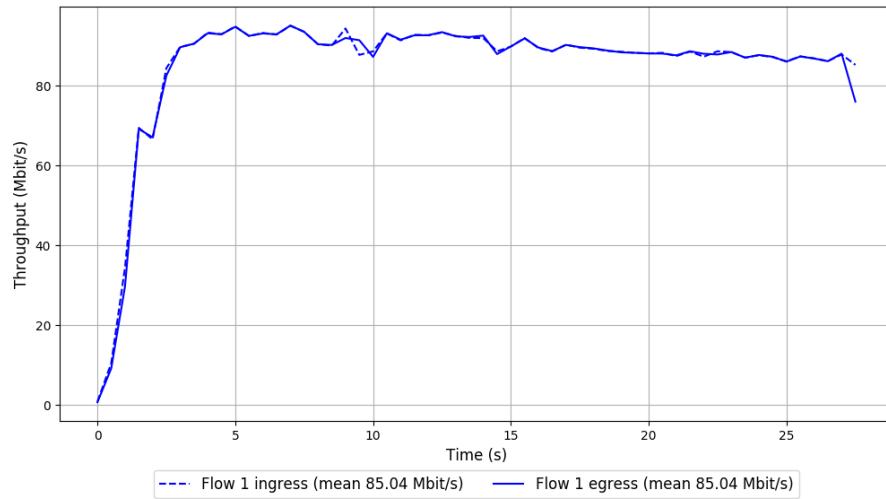


Run 1: Statistics of Copa

```
Start at: 2017-08-29 07:46:42
End at: 2017-08-29 07:47:12
Local clock offset: 0.795 ms
Remote clock offset: -0.531 ms

# Below is generated by plot.py at 2017-08-29 14:52:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.04 Mbit/s
95th percentile per-packet one-way delay: 42.882 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 85.04 Mbit/s
95th percentile per-packet one-way delay: 42.882 ms
Loss rate: 0.35%
```

Run 1: Report of Copa — Data Link

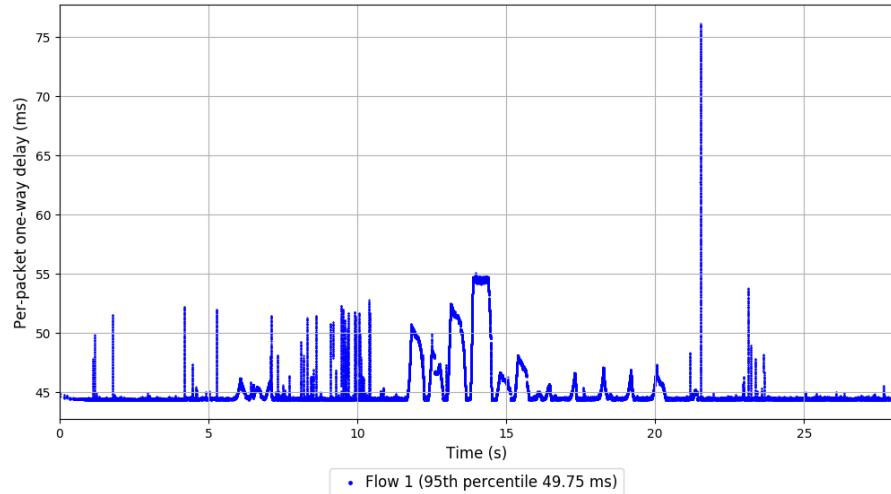
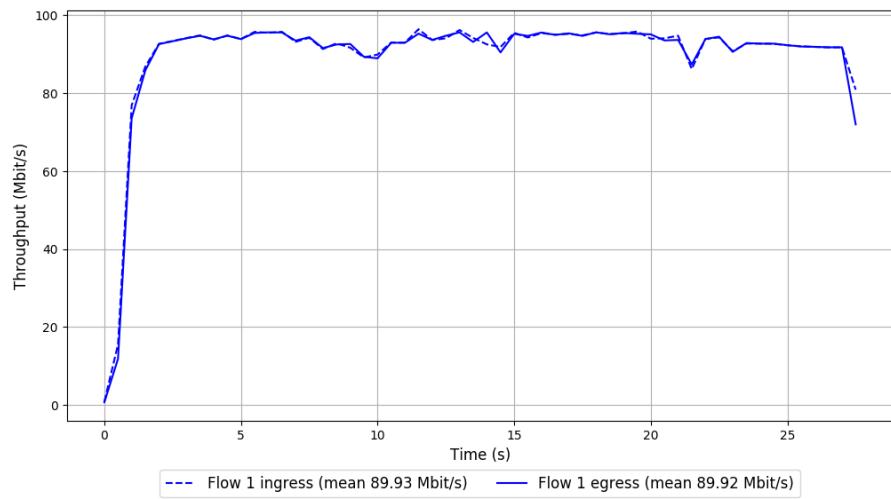


Run 2: Statistics of Copa

```
Start at: 2017-08-29 08:07:06
End at: 2017-08-29 08:07:36
Local clock offset: 0.656 ms
Remote clock offset: -1.855 ms

# Below is generated by plot.py at 2017-08-29 14:52:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.92 Mbit/s
95th percentile per-packet one-way delay: 49.751 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 89.92 Mbit/s
95th percentile per-packet one-way delay: 49.751 ms
Loss rate: 0.34%
```

Run 2: Report of Copa — Data Link

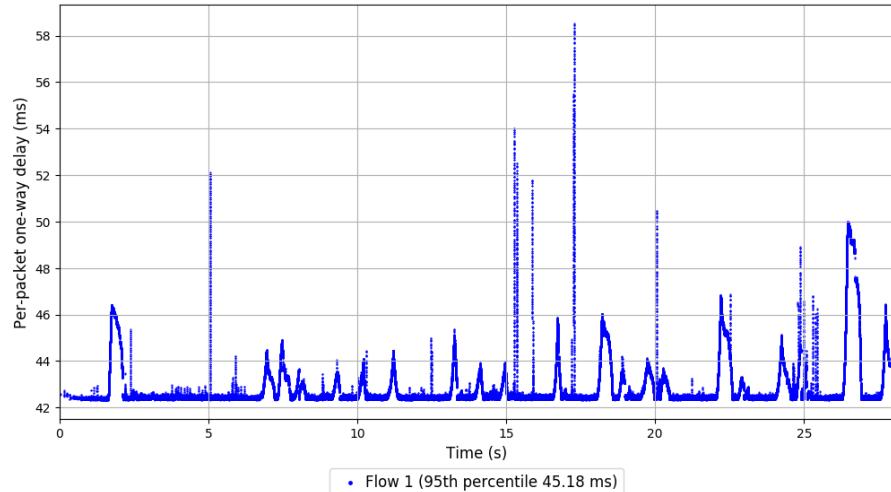
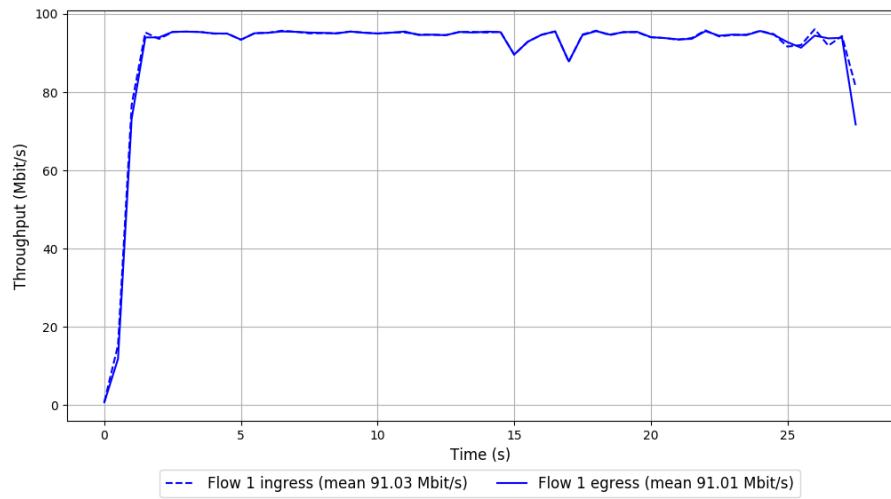


Run 3: Statistics of Copa

```
Start at: 2017-08-29 08:27:25
End at: 2017-08-29 08:27:55
Local clock offset: 0.571 ms
Remote clock offset: 0.693 ms

# Below is generated by plot.py at 2017-08-29 14:52:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.01 Mbit/s
95th percentile per-packet one-way delay: 45.184 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 91.01 Mbit/s
95th percentile per-packet one-way delay: 45.184 ms
Loss rate: 0.35%
```

Run 3: Report of Copa — Data Link

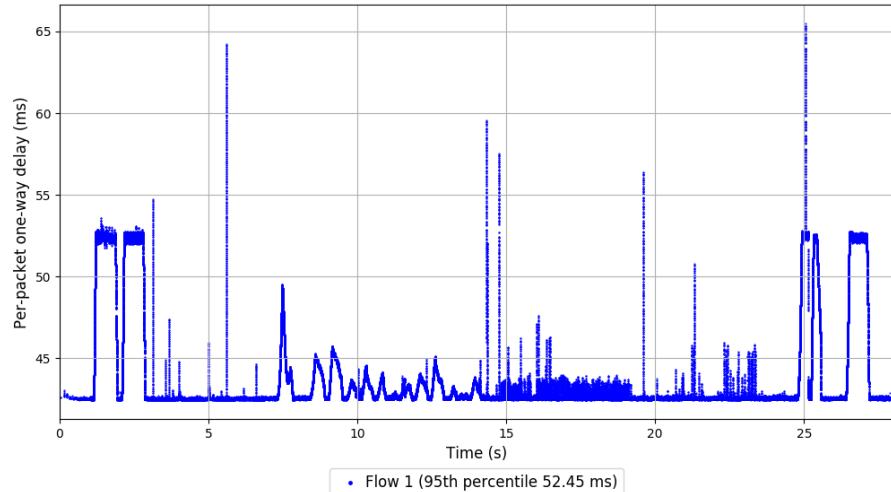
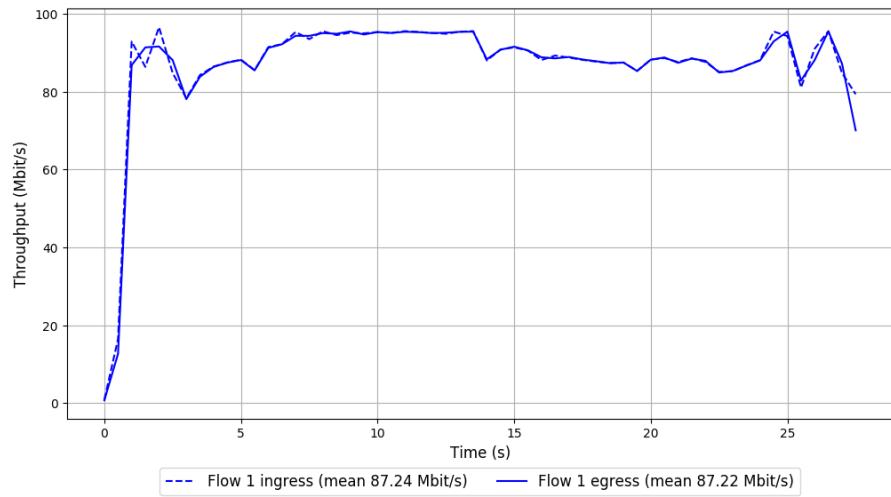


Run 4: Statistics of Copa

```
Start at: 2017-08-29 08:47:43
End at: 2017-08-29 08:48:13
Local clock offset: 0.626 ms
Remote clock offset: 0.957 ms

# Below is generated by plot.py at 2017-08-29 14:52:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.22 Mbit/s
95th percentile per-packet one-way delay: 52.445 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 87.22 Mbit/s
95th percentile per-packet one-way delay: 52.445 ms
Loss rate: 0.35%
```

Run 4: Report of Copa — Data Link

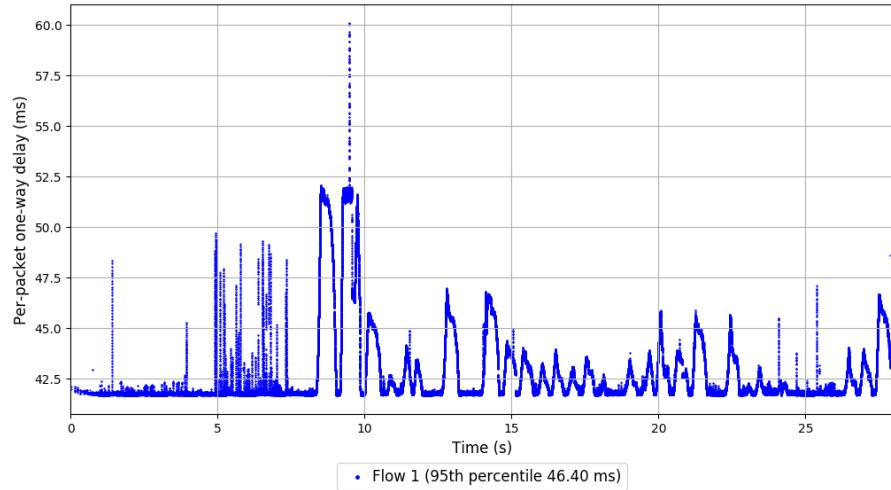
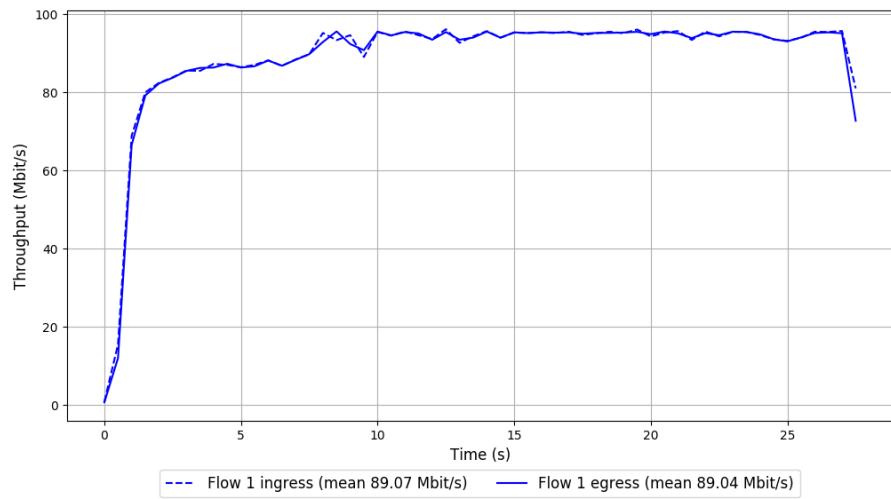


Run 5: Statistics of Copa

```
Start at: 2017-08-29 09:08:04
End at: 2017-08-29 09:08:34
Local clock offset: 0.603 ms
Remote clock offset: 1.742 ms

# Below is generated by plot.py at 2017-08-29 14:52:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.04 Mbit/s
95th percentile per-packet one-way delay: 46.404 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 89.04 Mbit/s
95th percentile per-packet one-way delay: 46.404 ms
Loss rate: 0.34%
```

Run 5: Report of Copa — Data Link

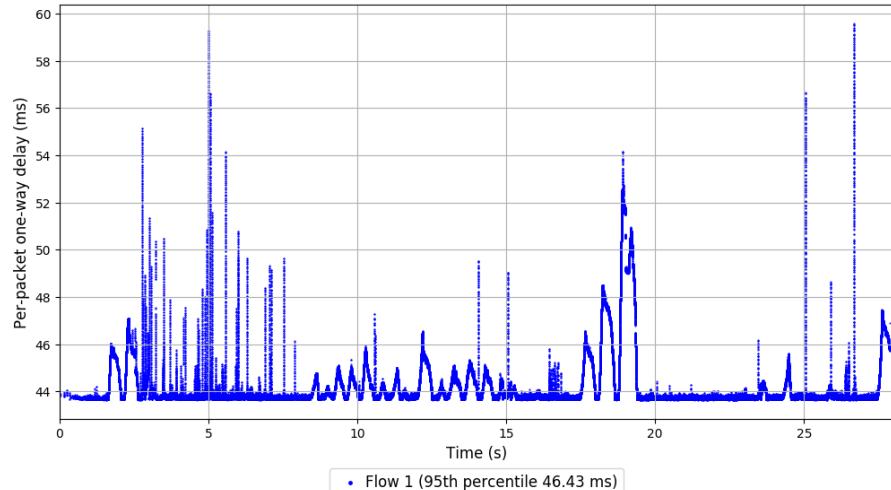
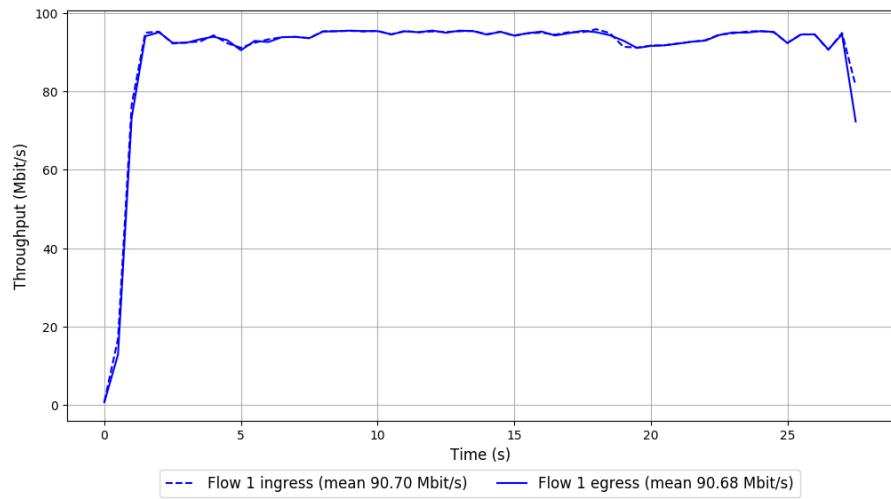


Run 6: Statistics of Copa

```
Start at: 2017-08-29 09:28:28
End at: 2017-08-29 09:28:58
Local clock offset: 0.646 ms
Remote clock offset: -1.075 ms

# Below is generated by plot.py at 2017-08-29 14:53:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.68 Mbit/s
95th percentile per-packet one-way delay: 46.428 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 90.68 Mbit/s
95th percentile per-packet one-way delay: 46.428 ms
Loss rate: 0.35%
```

Run 6: Report of Copa — Data Link

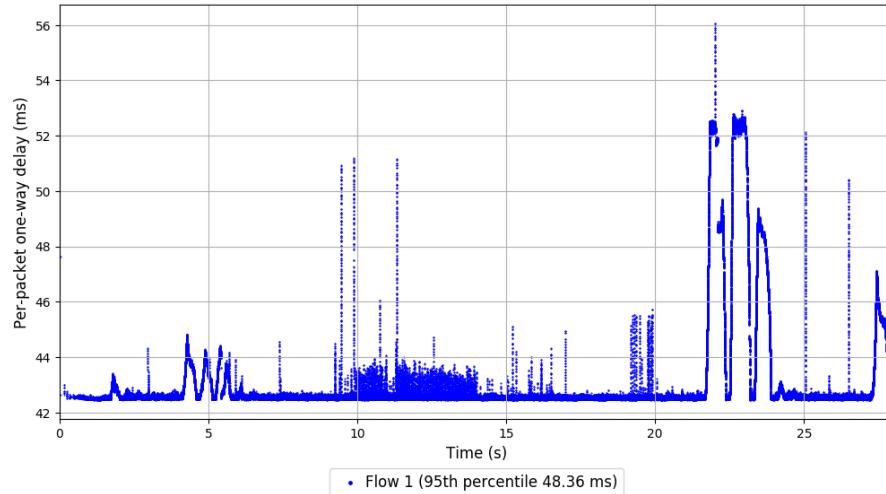
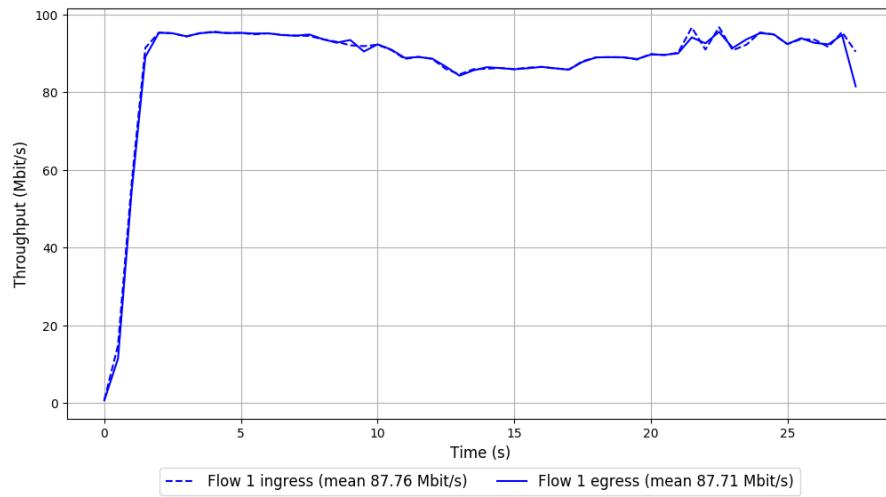


Run 7: Statistics of Copa

```
Start at: 2017-08-29 09:48:48
End at: 2017-08-29 09:49:18
Local clock offset: 0.592 ms
Remote clock offset: 0.646 ms

# Below is generated by plot.py at 2017-08-29 14:53:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.71 Mbit/s
95th percentile per-packet one-way delay: 48.363 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 87.71 Mbit/s
95th percentile per-packet one-way delay: 48.363 ms
Loss rate: 0.36%
```

Run 7: Report of Copa — Data Link

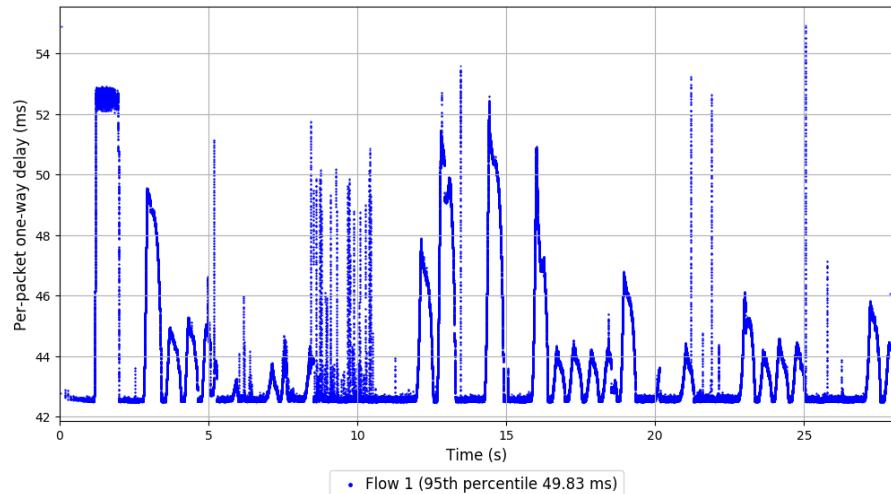
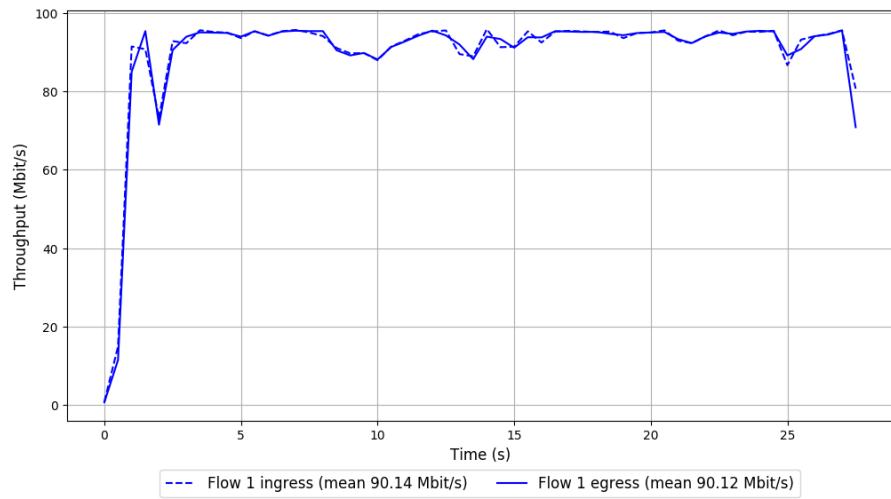


Run 8: Statistics of Copa

```
Start at: 2017-08-29 10:09:09
End at: 2017-08-29 10:09:39
Local clock offset: 0.581 ms
Remote clock offset: 0.643 ms

# Below is generated by plot.py at 2017-08-29 14:53:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.12 Mbit/s
95th percentile per-packet one-way delay: 49.830 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 90.12 Mbit/s
95th percentile per-packet one-way delay: 49.830 ms
Loss rate: 0.36%
```

Run 8: Report of Copa — Data Link

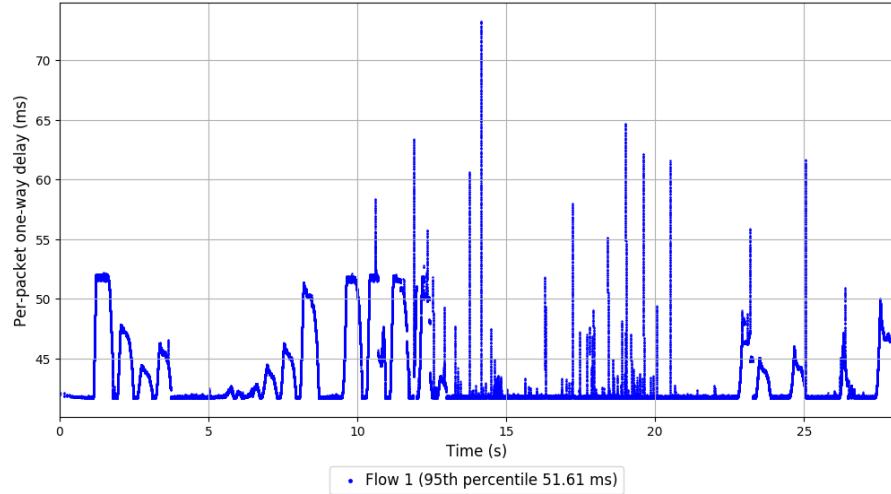
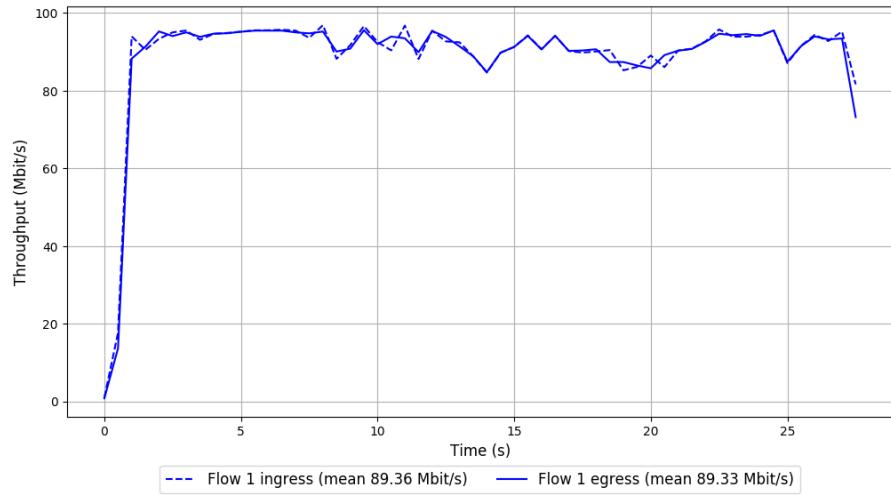


Run 9: Statistics of Copa

```
Start at: 2017-08-29 10:29:28
End at: 2017-08-29 10:29:58
Local clock offset: 0.555 ms
Remote clock offset: 0.261 ms

# Below is generated by plot.py at 2017-08-29 14:53:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.33 Mbit/s
95th percentile per-packet one-way delay: 51.614 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 89.33 Mbit/s
95th percentile per-packet one-way delay: 51.614 ms
Loss rate: 0.36%
```

Run 9: Report of Copa — Data Link

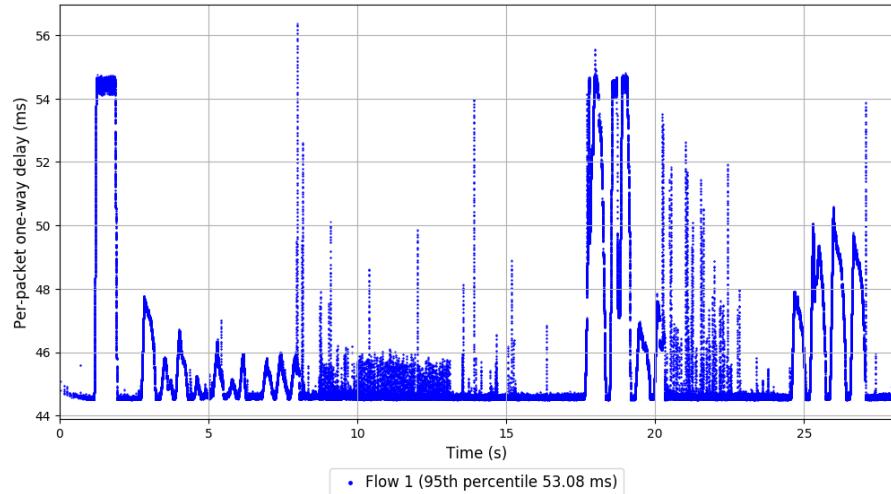
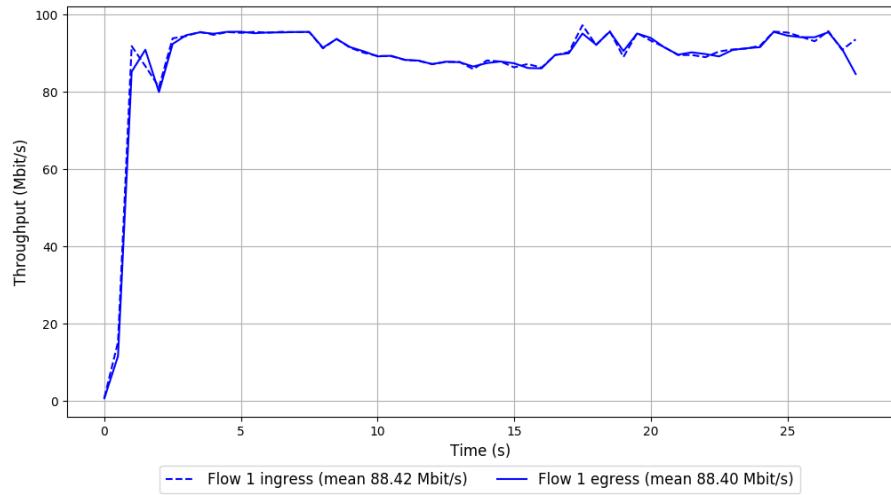


Run 10: Statistics of Copa

```
Start at: 2017-08-29 10:49:49
End at: 2017-08-29 10:50:19
Local clock offset: 0.339 ms
Remote clock offset: -2.419 ms

# Below is generated by plot.py at 2017-08-29 14:53:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.40 Mbit/s
95th percentile per-packet one-way delay: 53.080 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 88.40 Mbit/s
95th percentile per-packet one-way delay: 53.080 ms
Loss rate: 0.35%
```

Run 10: Report of Copa — Data Link

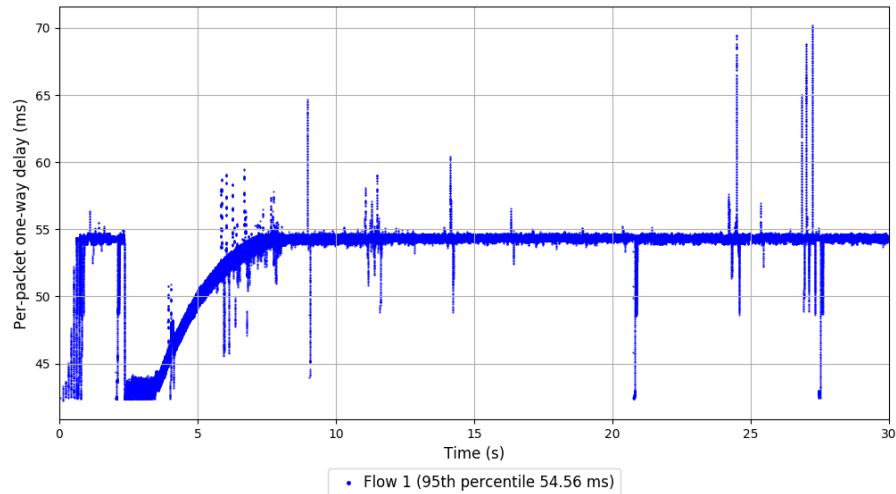
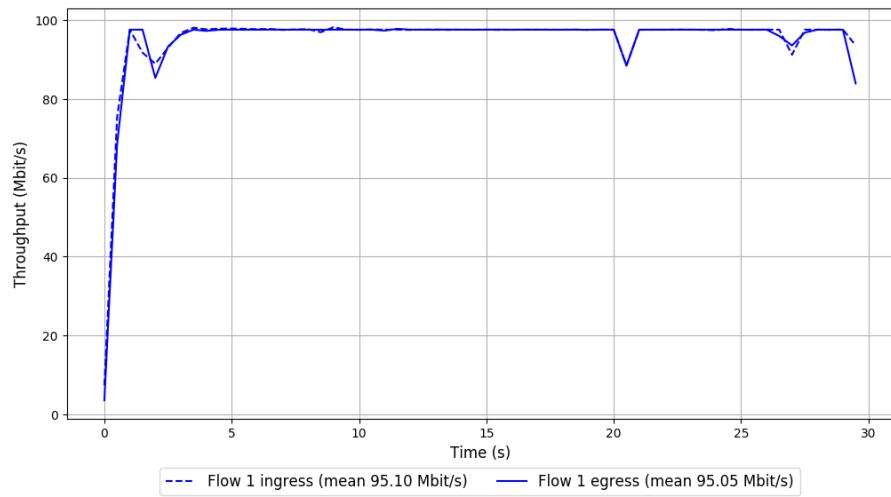


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2017-08-29 07:49:25
End at: 2017-08-29 07:49:56
Local clock offset: 0.795 ms
Remote clock offset: -0.324 ms

# Below is generated by plot.py at 2017-08-29 14:53:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.05 Mbit/s
95th percentile per-packet one-way delay: 54.560 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 95.05 Mbit/s
95th percentile per-packet one-way delay: 54.560 ms
Loss rate: 0.35%
```

Run 1: Report of TCP Cubic — Data Link

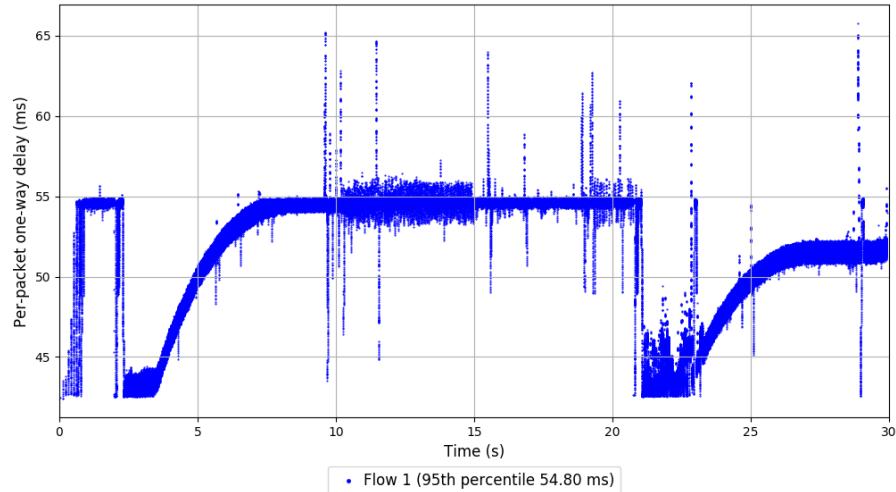
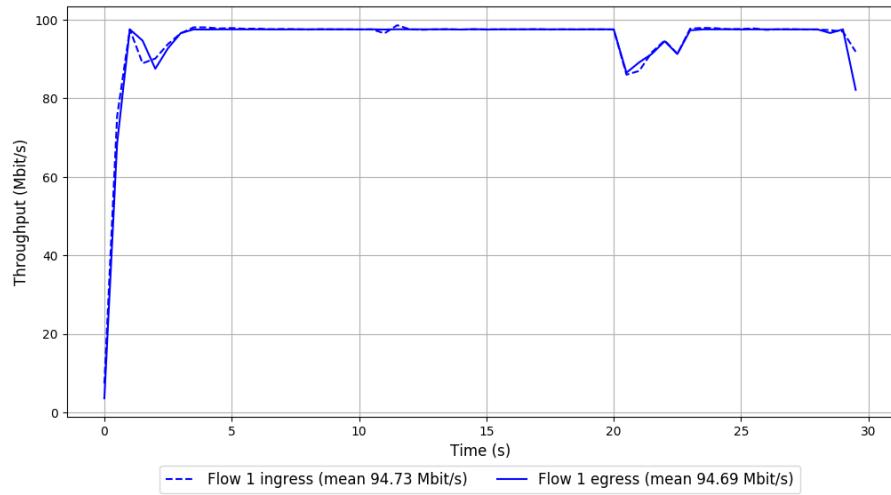


Run 2: Statistics of TCP Cubic

```
Start at: 2017-08-29 08:09:50
End at: 2017-08-29 08:10:20
Local clock offset: 0.737 ms
Remote clock offset: 0.156 ms

# Below is generated by plot.py at 2017-08-29 14:53:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.69 Mbit/s
95th percentile per-packet one-way delay: 54.798 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 94.69 Mbit/s
95th percentile per-packet one-way delay: 54.798 ms
Loss rate: 0.35%
```

Run 2: Report of TCP Cubic — Data Link

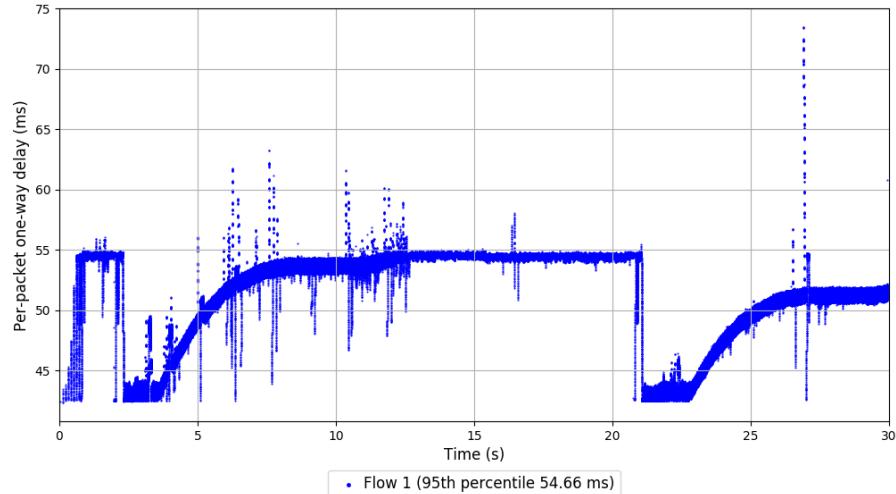
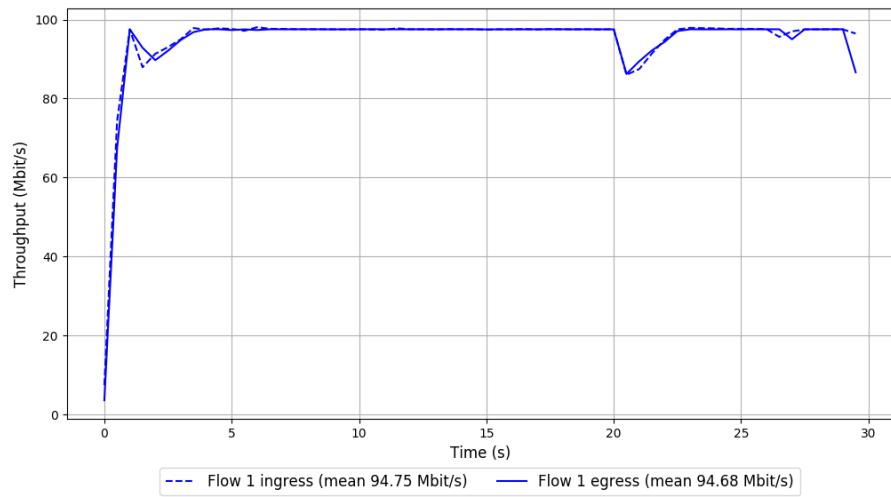


Run 3: Statistics of TCP Cubic

```
Start at: 2017-08-29 08:30:07
End at: 2017-08-29 08:30:37
Local clock offset: 0.674 ms
Remote clock offset: 0.754 ms

# Below is generated by plot.py at 2017-08-29 14:54:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.68 Mbit/s
95th percentile per-packet one-way delay: 54.657 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 94.68 Mbit/s
95th percentile per-packet one-way delay: 54.657 ms
Loss rate: 0.35%
```

Run 3: Report of TCP Cubic — Data Link

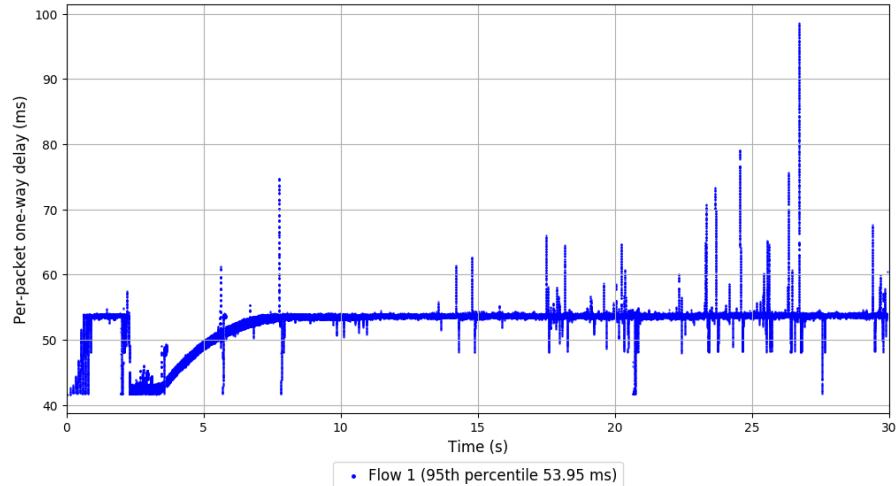
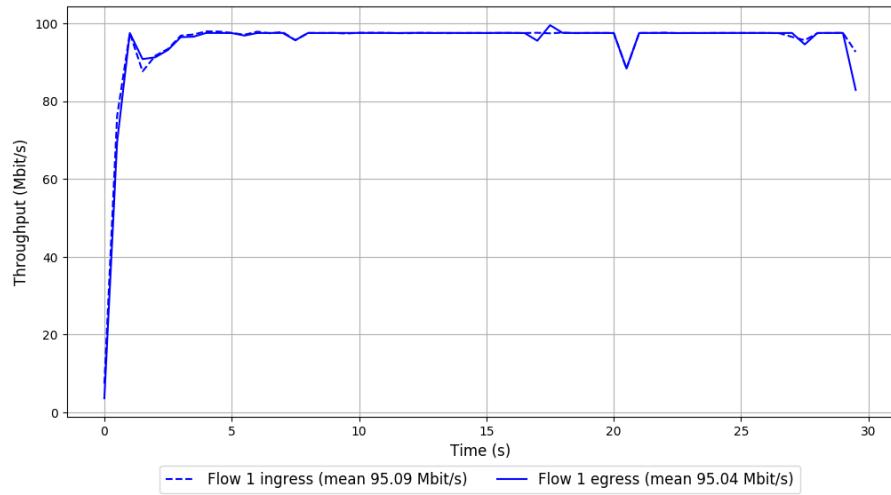


Run 4: Statistics of TCP Cubic

```
Start at: 2017-08-29 08:50:27
End at: 2017-08-29 08:50:57
Local clock offset: 0.616 ms
Remote clock offset: 1.087 ms

# Below is generated by plot.py at 2017-08-29 14:54:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.04 Mbit/s
95th percentile per-packet one-way delay: 53.954 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 95.04 Mbit/s
95th percentile per-packet one-way delay: 53.954 ms
Loss rate: 0.36%
```

Run 4: Report of TCP Cubic — Data Link

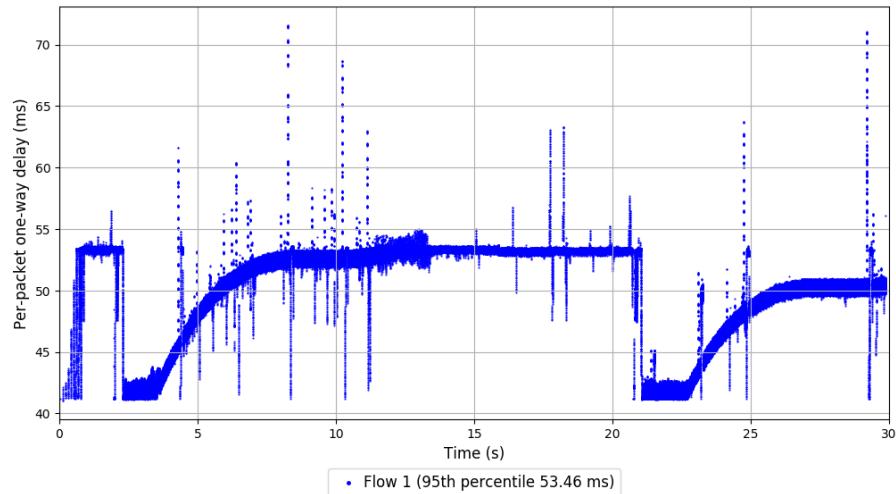
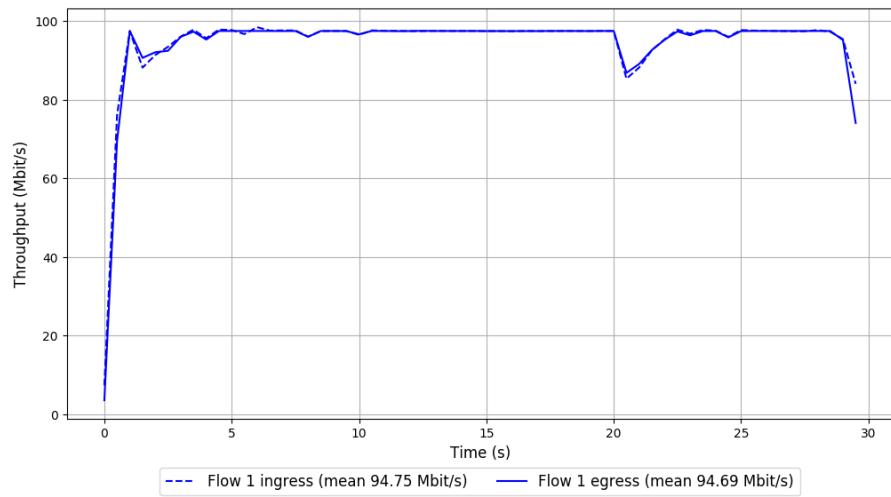


Run 5: Statistics of TCP Cubic

```
Start at: 2017-08-29 09:10:48
End at: 2017-08-29 09:11:19
Local clock offset: 0.712 ms
Remote clock offset: 1.632 ms

# Below is generated by plot.py at 2017-08-29 14:54:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.69 Mbit/s
95th percentile per-packet one-way delay: 53.460 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 94.69 Mbit/s
95th percentile per-packet one-way delay: 53.460 ms
Loss rate: 0.35%
```

Run 5: Report of TCP Cubic — Data Link

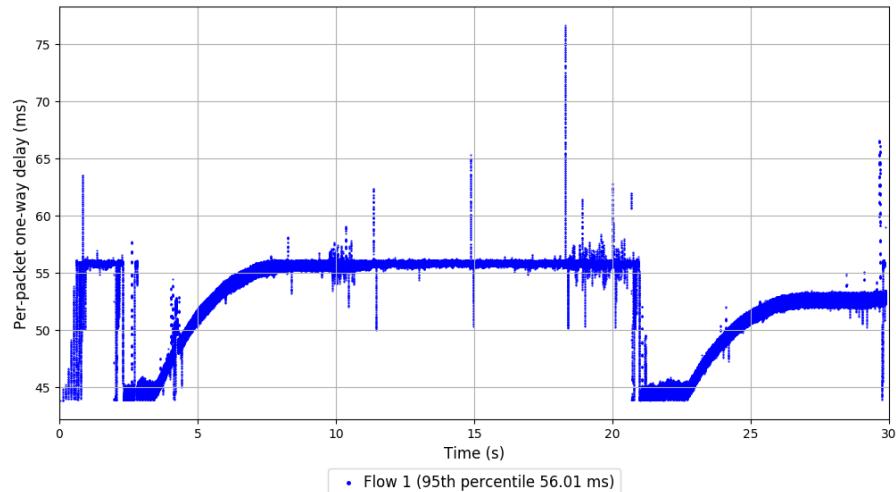
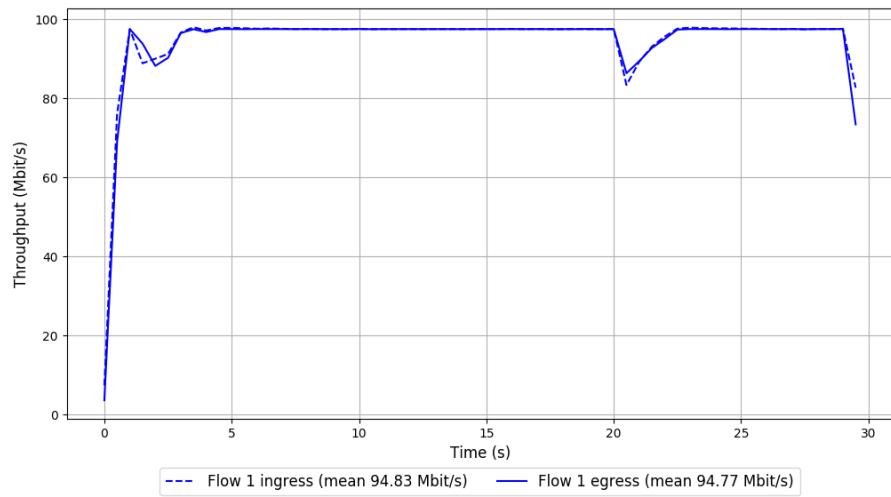


Run 6: Statistics of TCP Cubic

```
Start at: 2017-08-29 09:31:11
End at: 2017-08-29 09:31:41
Local clock offset: 0.675 ms
Remote clock offset: -1.262 ms

# Below is generated by plot.py at 2017-08-29 14:54:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.77 Mbit/s
95th percentile per-packet one-way delay: 56.009 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 94.77 Mbit/s
95th percentile per-packet one-way delay: 56.009 ms
Loss rate: 0.35%
```

Run 6: Report of TCP Cubic — Data Link

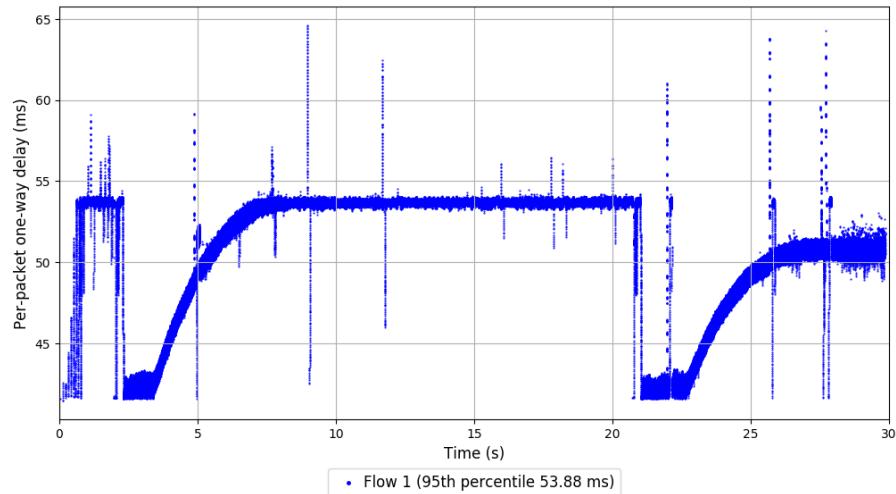
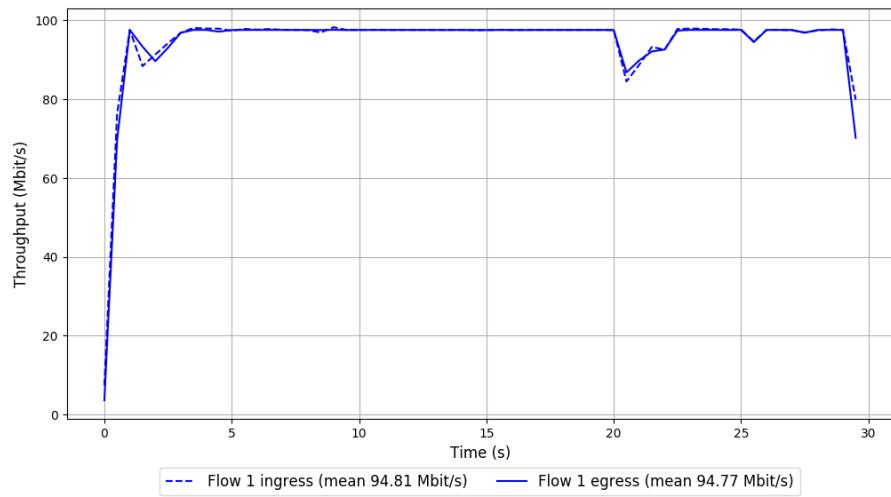


Run 7: Statistics of TCP Cubic

```
Start at: 2017-08-29 09:51:32
End at: 2017-08-29 09:52:02
Local clock offset: 0.615 ms
Remote clock offset: 0.779 ms

# Below is generated by plot.py at 2017-08-29 14:54:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.77 Mbit/s
95th percentile per-packet one-way delay: 53.875 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 94.77 Mbit/s
95th percentile per-packet one-way delay: 53.875 ms
Loss rate: 0.35%
```

Run 7: Report of TCP Cubic — Data Link

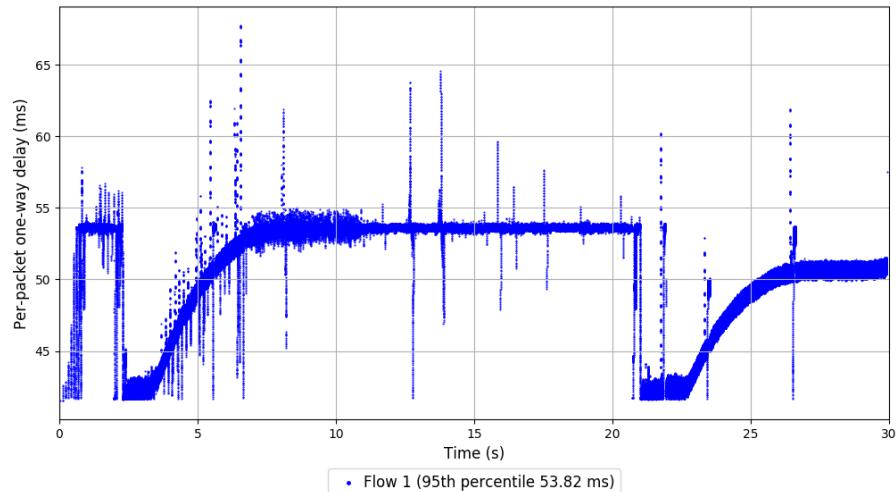
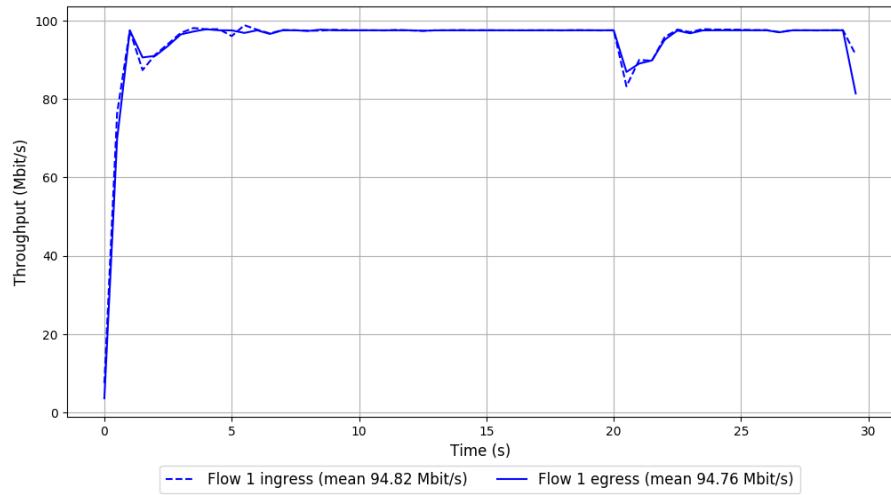


Run 8: Statistics of TCP Cubic

```
Start at: 2017-08-29 10:11:53
End at: 2017-08-29 10:12:23
Local clock offset: 0.587 ms
Remote clock offset: 0.702 ms

# Below is generated by plot.py at 2017-08-29 14:54:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.76 Mbit/s
95th percentile per-packet one-way delay: 53.817 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 94.76 Mbit/s
95th percentile per-packet one-way delay: 53.817 ms
Loss rate: 0.35%
```

Run 8: Report of TCP Cubic — Data Link

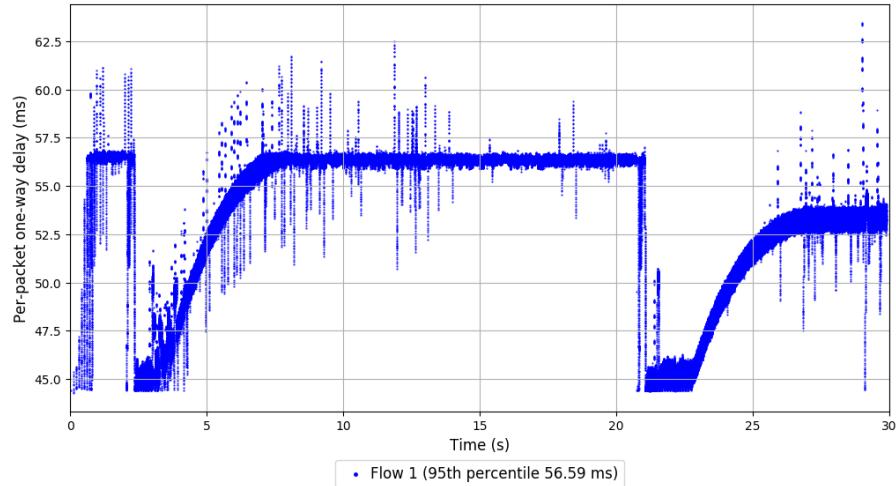
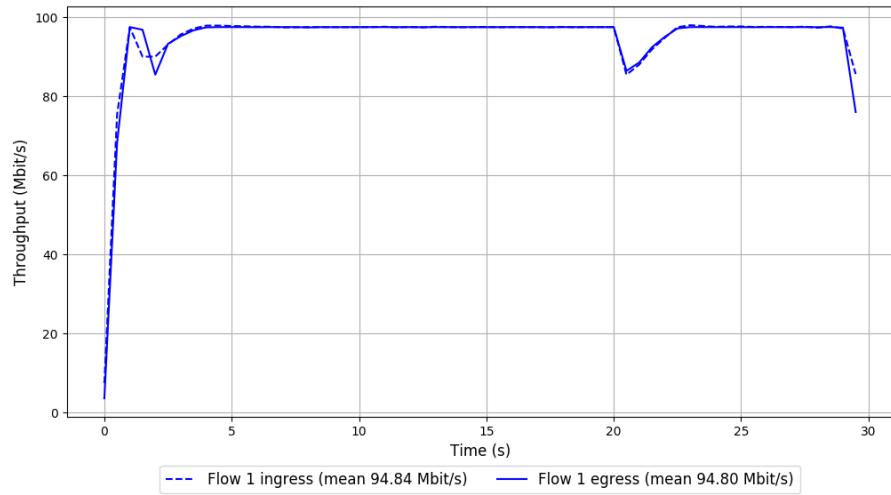


Run 9: Statistics of TCP Cubic

```
Start at: 2017-08-29 10:32:11
End at: 2017-08-29 10:32:41
Local clock offset: 0.534 ms
Remote clock offset: -1.841 ms

# Below is generated by plot.py at 2017-08-29 14:54:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.80 Mbit/s
95th percentile per-packet one-way delay: 56.590 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 94.80 Mbit/s
95th percentile per-packet one-way delay: 56.590 ms
Loss rate: 0.35%
```

Run 9: Report of TCP Cubic — Data Link

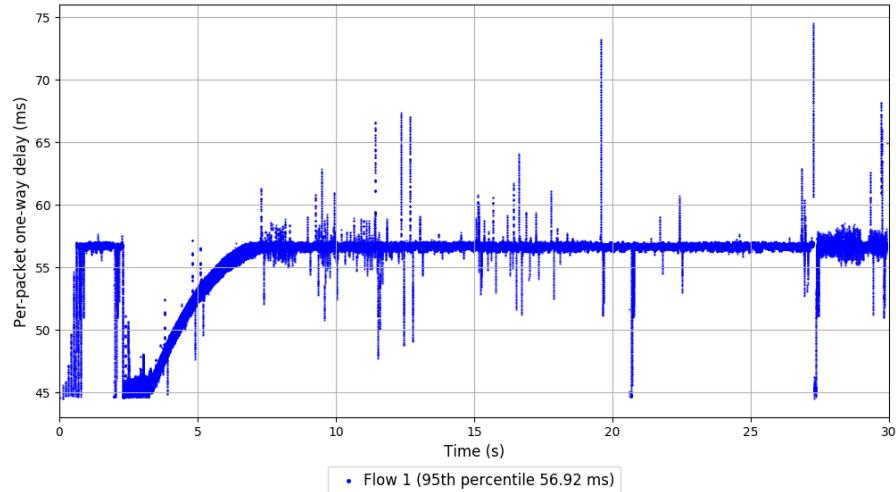
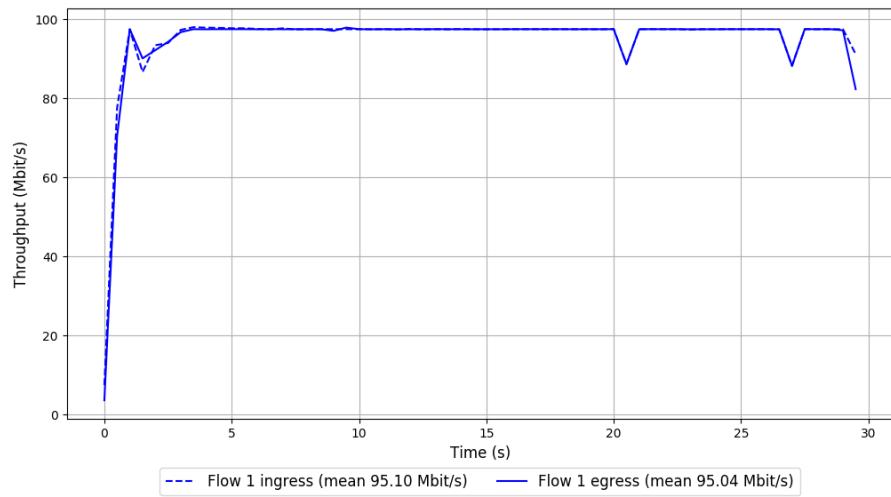


Run 10: Statistics of TCP Cubic

```
Start at: 2017-08-29 10:52:33
End at: 2017-08-29 10:53:03
Local clock offset: 0.454 ms
Remote clock offset: -2.467 ms

# Below is generated by plot.py at 2017-08-29 14:54:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.04 Mbit/s
95th percentile per-packet one-way delay: 56.917 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 95.04 Mbit/s
95th percentile per-packet one-way delay: 56.917 ms
Loss rate: 0.35%
```

Run 10: Report of TCP Cubic — Data Link

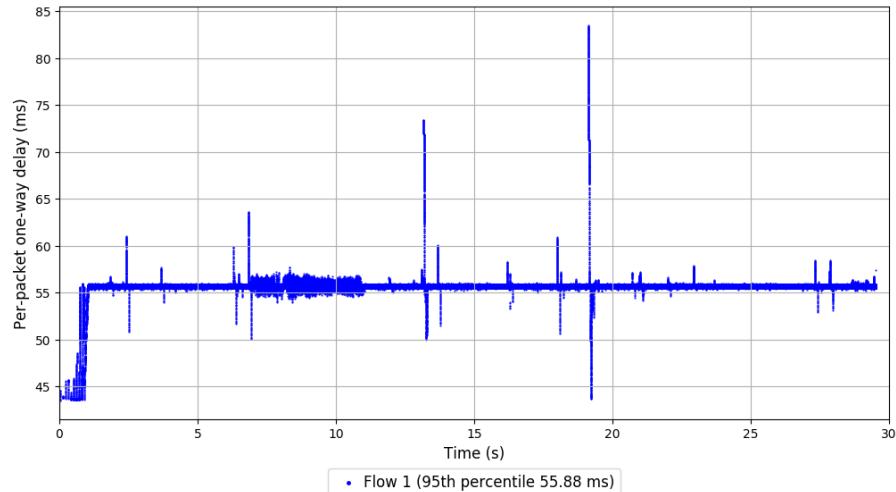
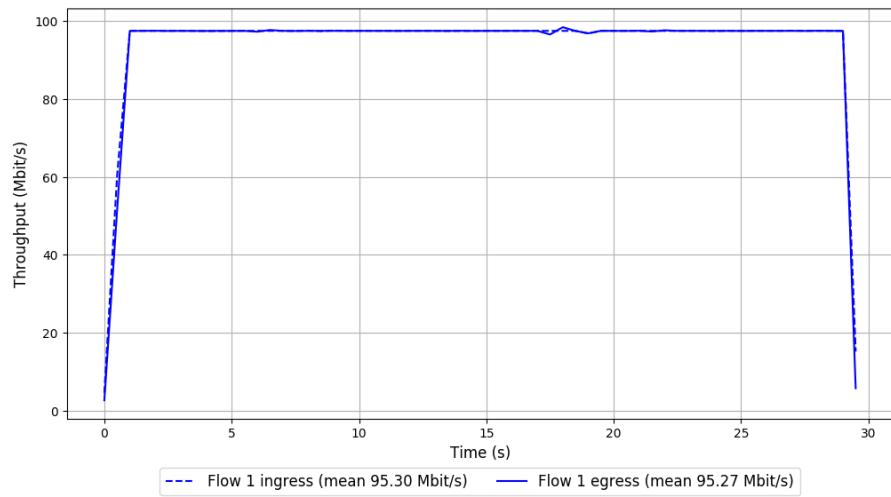


Run 1: Statistics of Indigo

```
Start at: 2017-08-29 07:43:53
End at: 2017-08-29 07:44:23
Local clock offset: 0.672 ms
Remote clock offset: -2.621 ms

# Below is generated by plot.py at 2017-08-29 14:54:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.27 Mbit/s
95th percentile per-packet one-way delay: 55.882 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 95.27 Mbit/s
95th percentile per-packet one-way delay: 55.882 ms
Loss rate: 0.36%
```

Run 1: Report of Indigo — Data Link

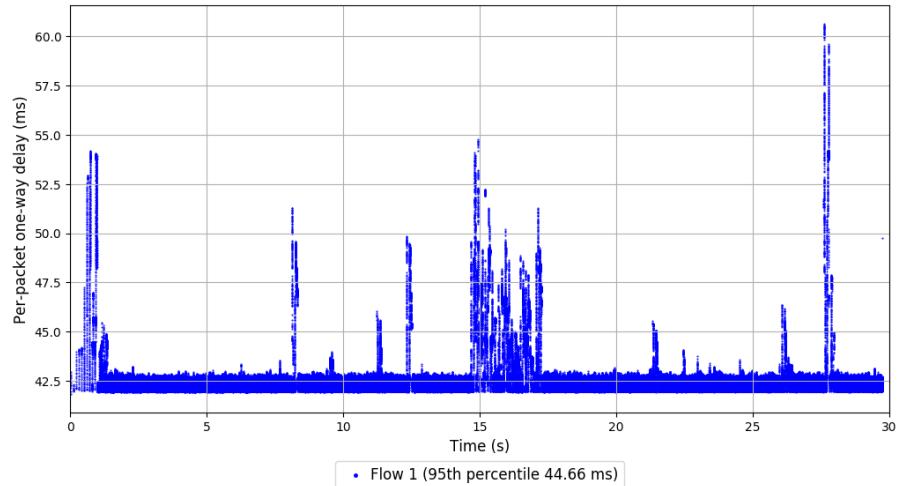
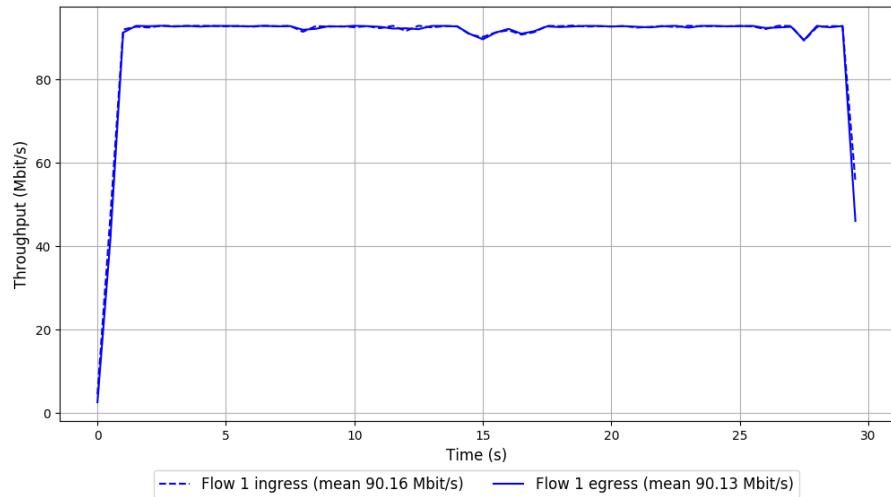


Run 2: Statistics of Indigo

```
Start at: 2017-08-29 08:04:18
End at: 2017-08-29 08:04:48
Local clock offset: 0.718 ms
Remote clock offset: 0.606 ms

# Below is generated by plot.py at 2017-08-29 14:54:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.13 Mbit/s
95th percentile per-packet one-way delay: 44.655 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 90.13 Mbit/s
95th percentile per-packet one-way delay: 44.655 ms
Loss rate: 0.32%
```

Run 2: Report of Indigo — Data Link

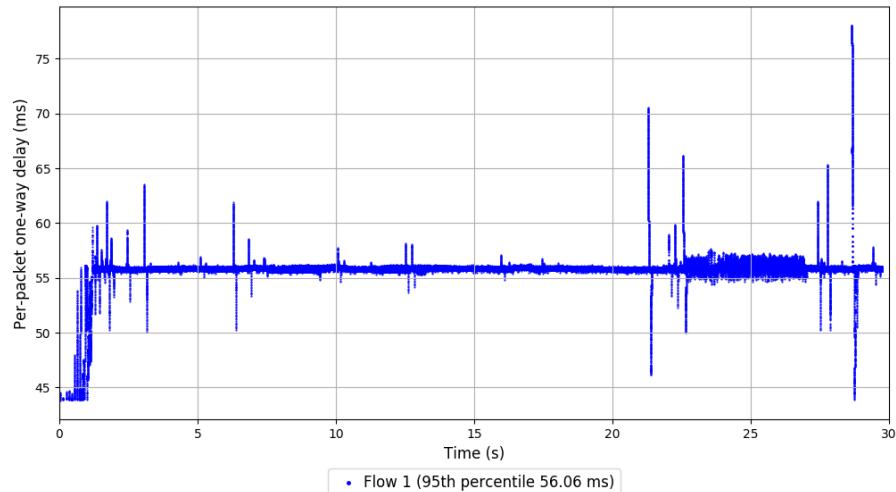
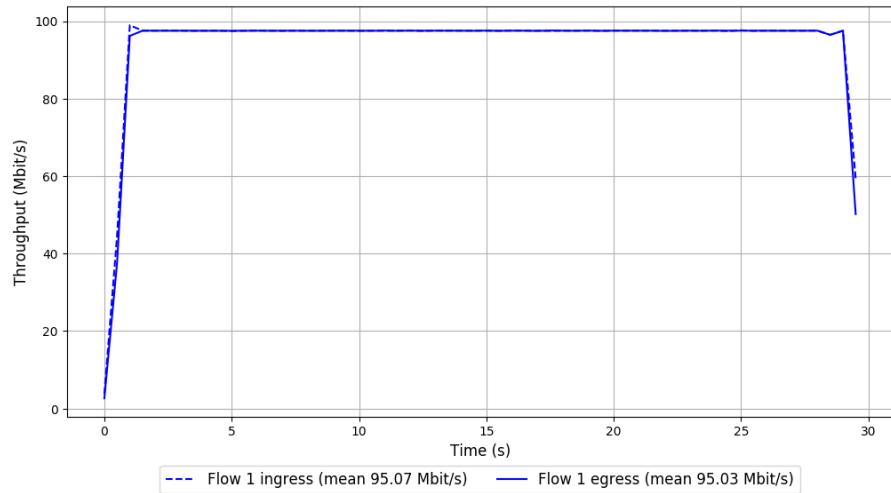


Run 3: Statistics of Indigo

```
Start at: 2017-08-29 08:24:37
End at: 2017-08-29 08:25:07
Local clock offset: 0.674 ms
Remote clock offset: -1.475 ms

# Below is generated by plot.py at 2017-08-29 14:55:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.03 Mbit/s
95th percentile per-packet one-way delay: 56.061 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 95.03 Mbit/s
95th percentile per-packet one-way delay: 56.061 ms
Loss rate: 0.35%
```

Run 3: Report of Indigo — Data Link

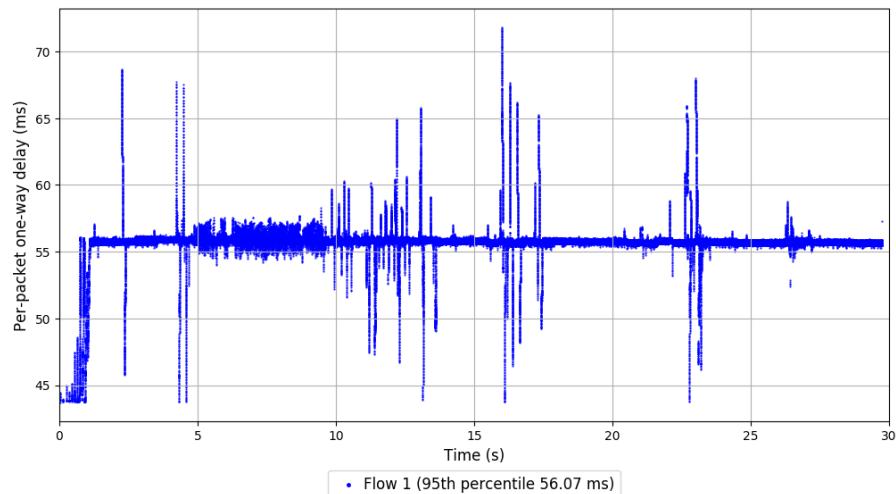
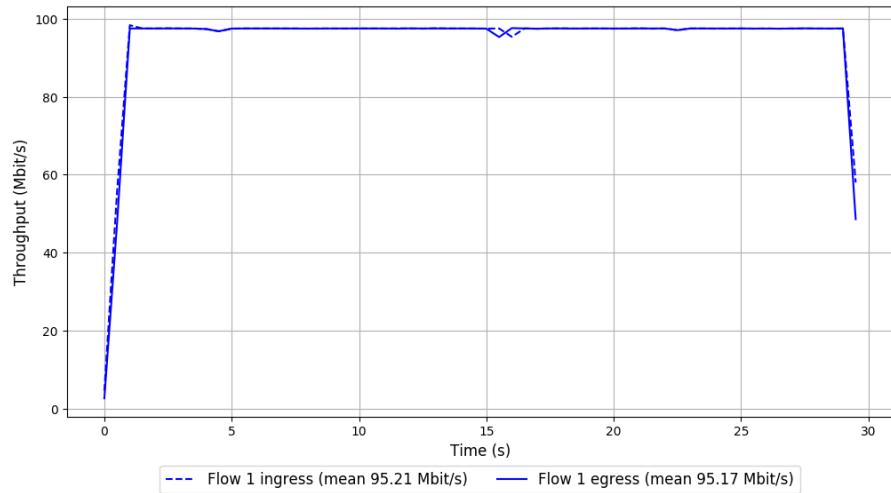


Run 4: Statistics of Indigo

```
Start at: 2017-08-29 08:44:55
End at: 2017-08-29 08:45:25
Local clock offset: 0.676 ms
Remote clock offset: -1.066 ms

# Below is generated by plot.py at 2017-08-29 14:55:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.17 Mbit/s
95th percentile per-packet one-way delay: 56.073 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 95.17 Mbit/s
95th percentile per-packet one-way delay: 56.073 ms
Loss rate: 0.36%
```

Run 4: Report of Indigo — Data Link

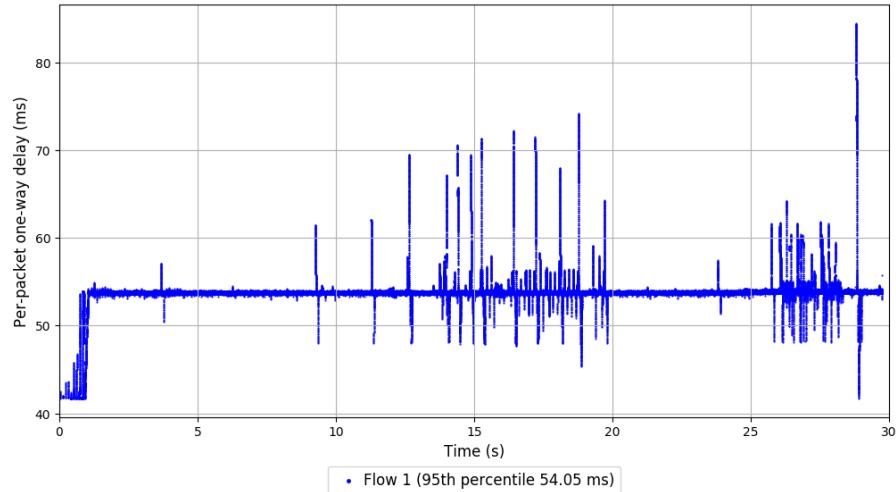
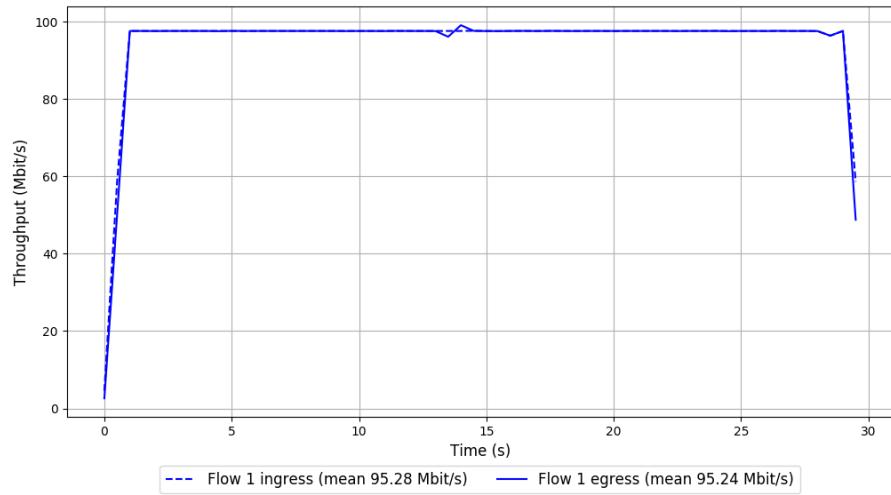


Run 5: Statistics of Indigo

```
Start at: 2017-08-29 09:05:16
End at: 2017-08-29 09:05:46
Local clock offset: 0.592 ms
Remote clock offset: 1.063 ms

# Below is generated by plot.py at 2017-08-29 14:55:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.24 Mbit/s
95th percentile per-packet one-way delay: 54.047 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 95.24 Mbit/s
95th percentile per-packet one-way delay: 54.047 ms
Loss rate: 0.36%
```

Run 5: Report of Indigo — Data Link

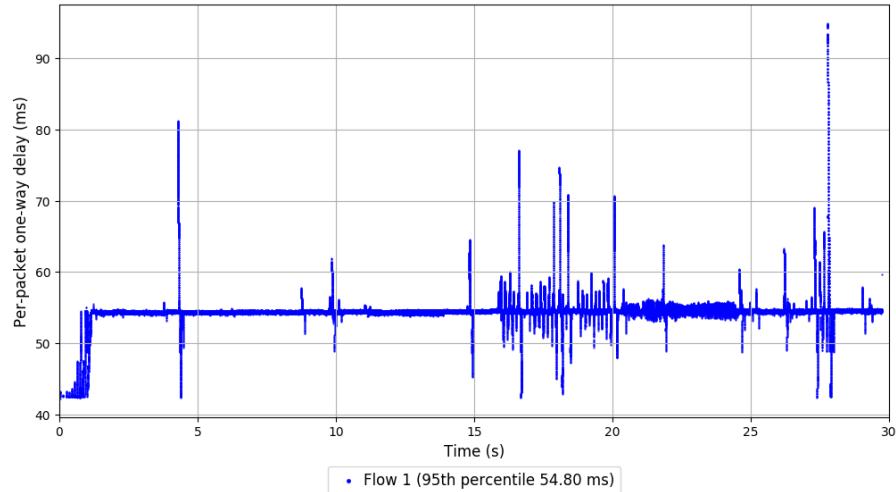
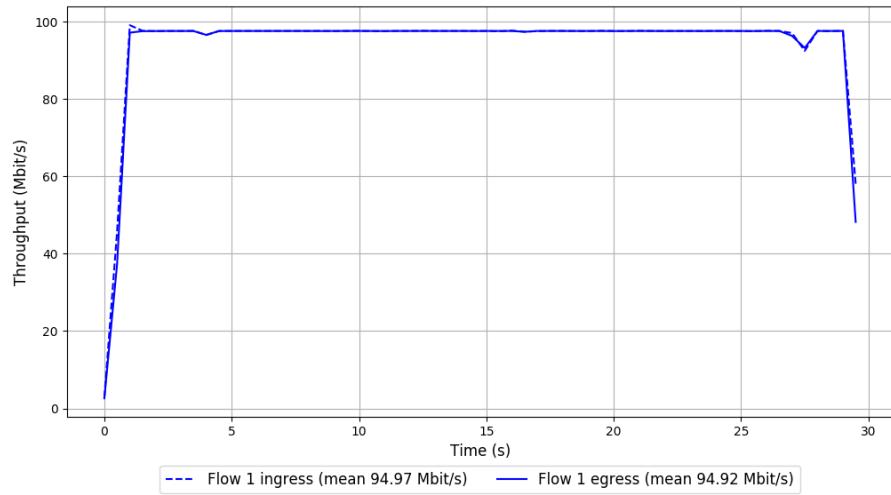


Run 6: Statistics of Indigo

```
Start at: 2017-08-29 09:25:39
End at: 2017-08-29 09:26:09
Local clock offset: 0.597 ms
Remote clock offset: 0.891 ms

# Below is generated by plot.py at 2017-08-29 14:55:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.92 Mbit/s
95th percentile per-packet one-way delay: 54.805 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 94.92 Mbit/s
95th percentile per-packet one-way delay: 54.805 ms
Loss rate: 0.36%
```

Run 6: Report of Indigo — Data Link

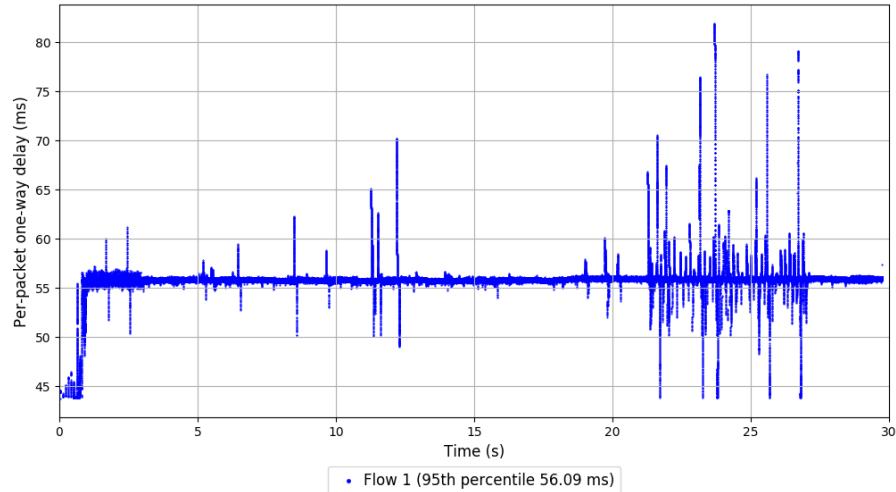
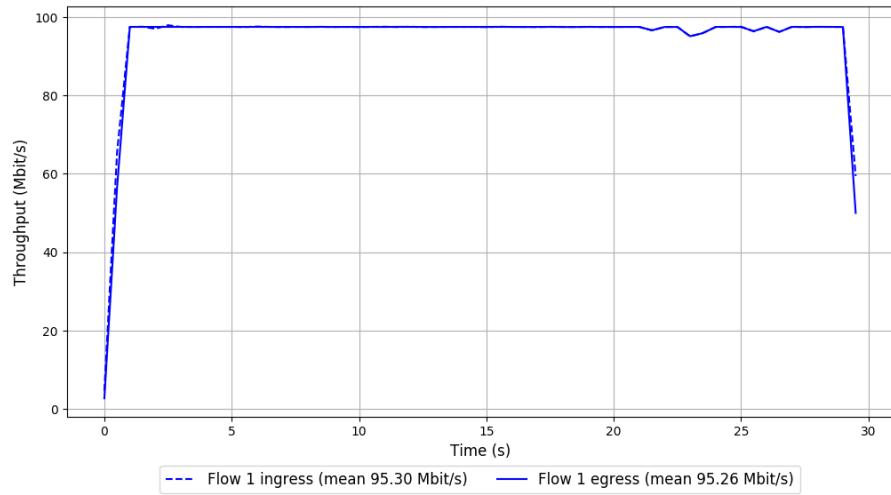


Run 7: Statistics of Indigo

```
Start at: 2017-08-29 09:46:00
End at: 2017-08-29 09:46:30
Local clock offset: 0.538 ms
Remote clock offset: -1.42 ms

# Below is generated by plot.py at 2017-08-29 14:55:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.26 Mbit/s
95th percentile per-packet one-way delay: 56.091 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 95.26 Mbit/s
95th percentile per-packet one-way delay: 56.091 ms
Loss rate: 0.36%
```

Run 7: Report of Indigo — Data Link

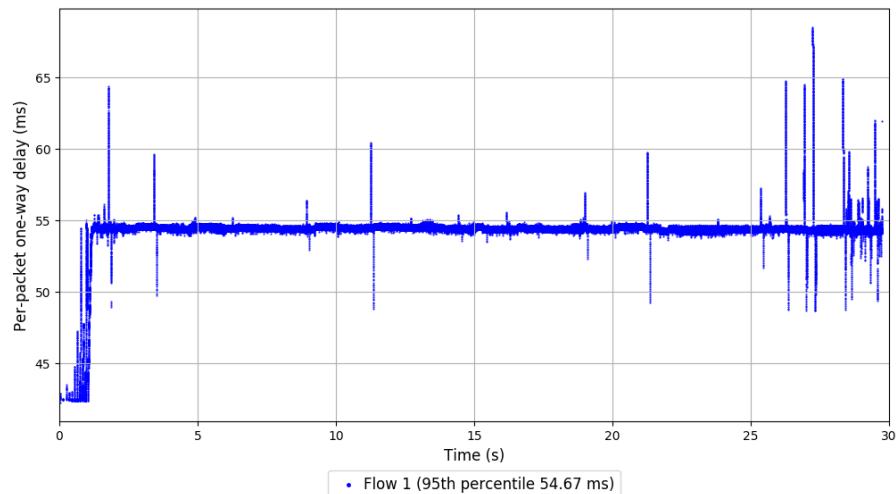
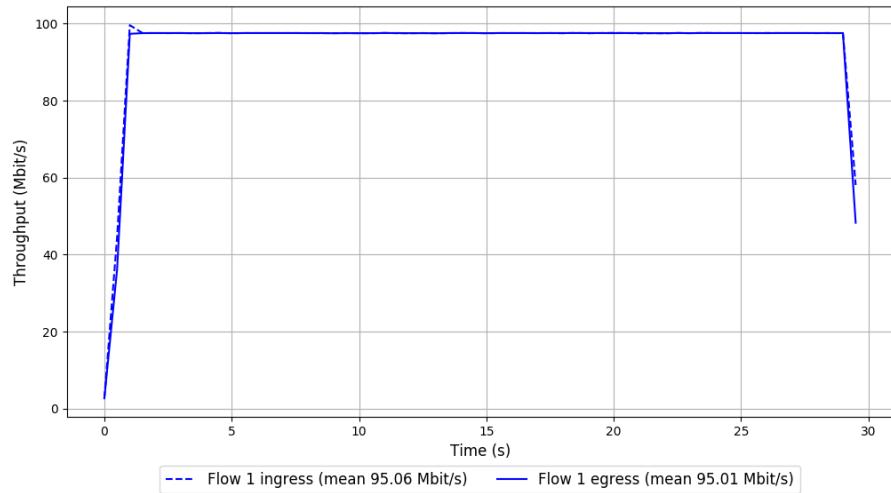


Run 8: Statistics of Indigo

```
Start at: 2017-08-29 10:06:20
End at: 2017-08-29 10:06:50
Local clock offset: 0.509 ms
Remote clock offset: 0.637 ms

# Below is generated by plot.py at 2017-08-29 14:55:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.01 Mbit/s
95th percentile per-packet one-way delay: 54.673 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 95.01 Mbit/s
95th percentile per-packet one-way delay: 54.673 ms
Loss rate: 0.36%
```

Run 8: Report of Indigo — Data Link

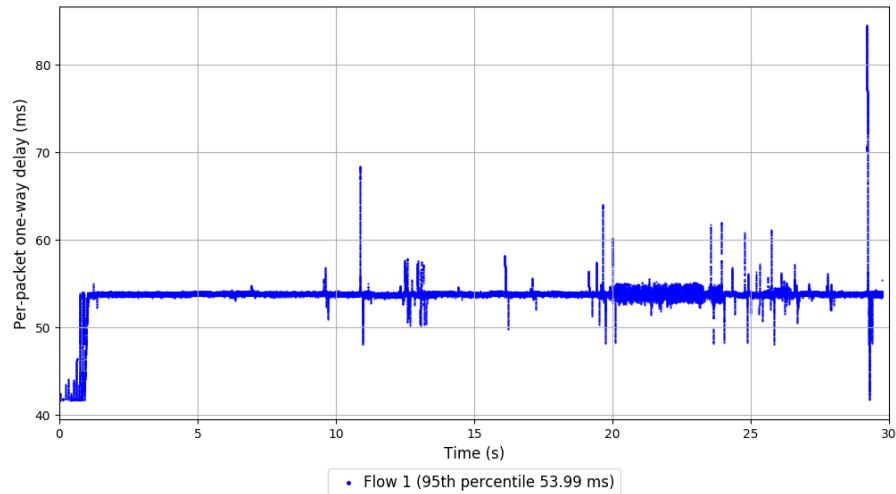
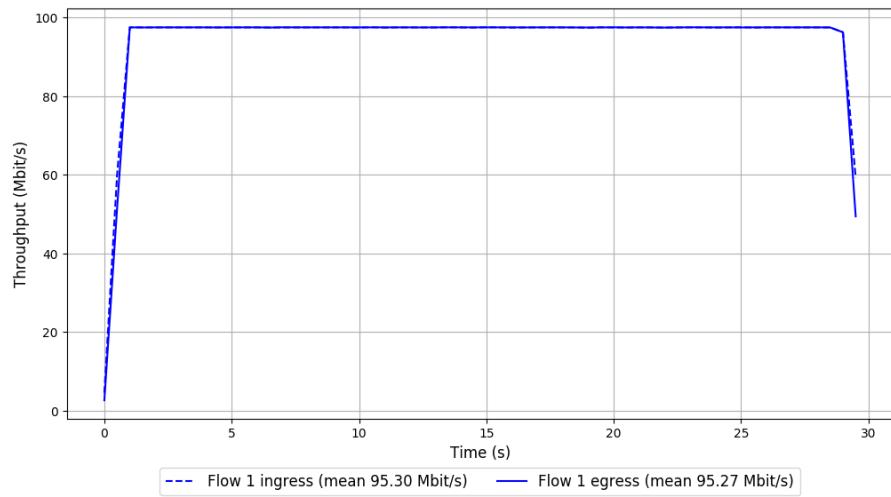


Run 9: Statistics of Indigo

```
Start at: 2017-08-29 10:26:40
End at: 2017-08-29 10:27:10
Local clock offset: 0.47 ms
Remote clock offset: 0.219 ms

# Below is generated by plot.py at 2017-08-29 14:55:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.27 Mbit/s
95th percentile per-packet one-way delay: 53.991 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 95.27 Mbit/s
95th percentile per-packet one-way delay: 53.991 ms
Loss rate: 0.36%
```

Run 9: Report of Indigo — Data Link

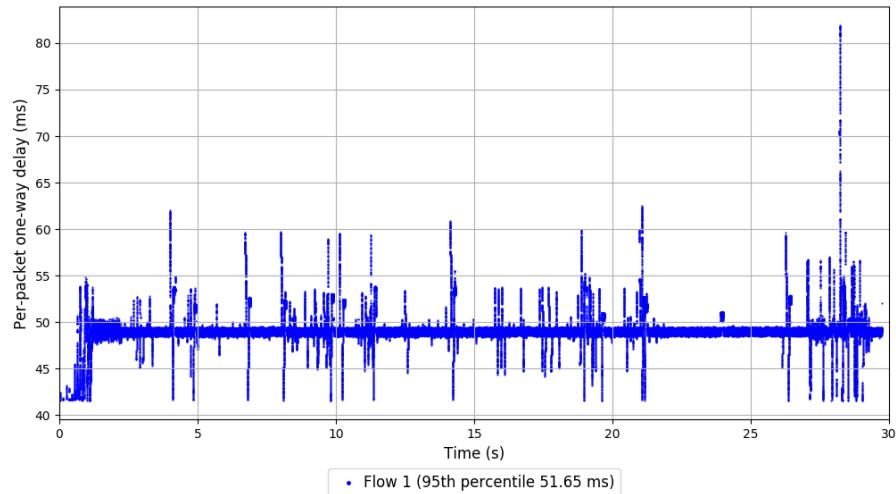
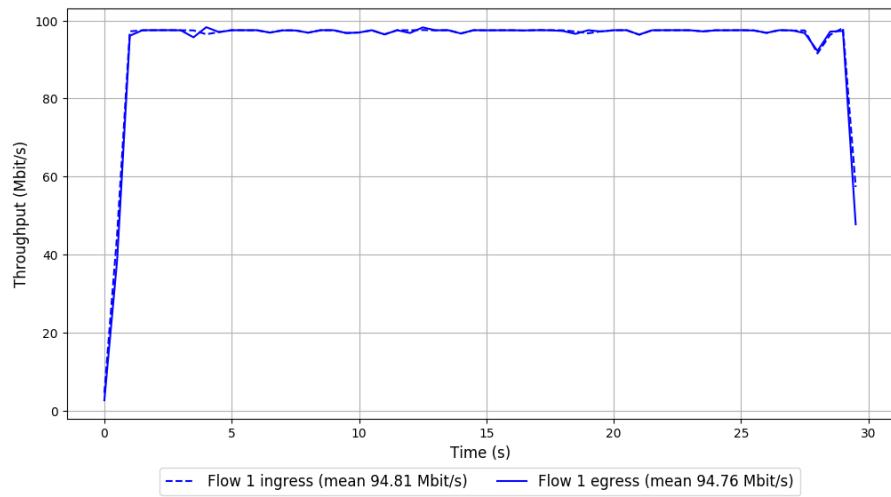


Run 10: Statistics of Indigo

```
Start at: 2017-08-29 10:47:01
End at: 2017-08-29 10:47:31
Local clock offset: 0.457 ms
Remote clock offset: -0.017 ms

# Below is generated by plot.py at 2017-08-29 14:55:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.76 Mbit/s
95th percentile per-packet one-way delay: 51.646 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 94.76 Mbit/s
95th percentile per-packet one-way delay: 51.646 ms
Loss rate: 0.34%
```

Run 10: Report of Indigo — Data Link

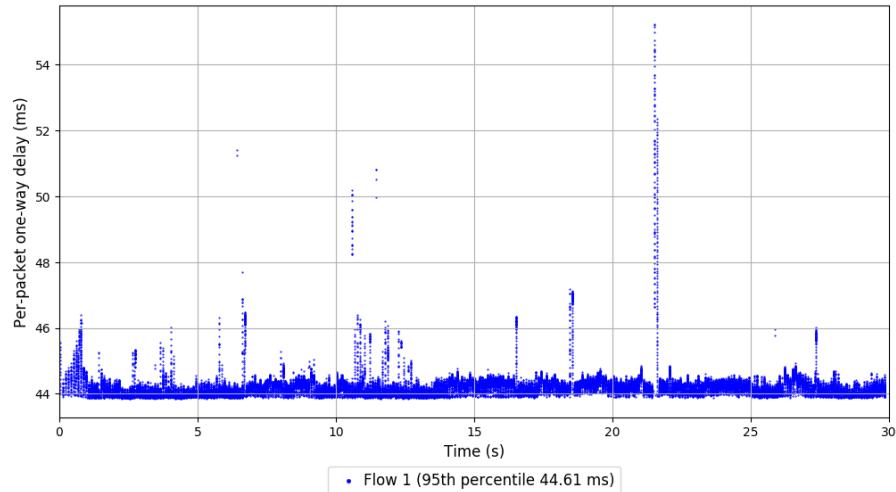
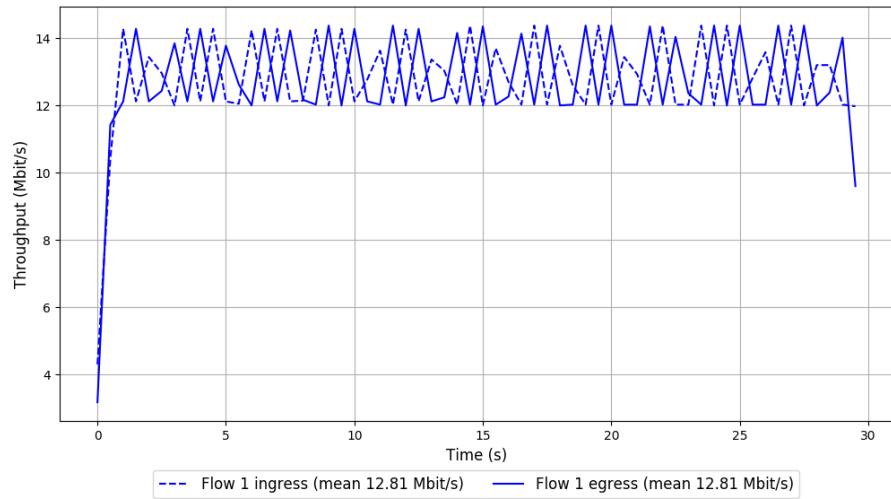


Run 1: Statistics of KohoCC

```
Start at: 2017-08-29 07:48:07
End at: 2017-08-29 07:48:37
Local clock offset: 0.71 ms
Remote clock offset: -2.562 ms

# Below is generated by plot.py at 2017-08-29 14:55:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.81 Mbit/s
95th percentile per-packet one-way delay: 44.608 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 12.81 Mbit/s
95th percentile per-packet one-way delay: 44.608 ms
Loss rate: 0.31%
```

Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

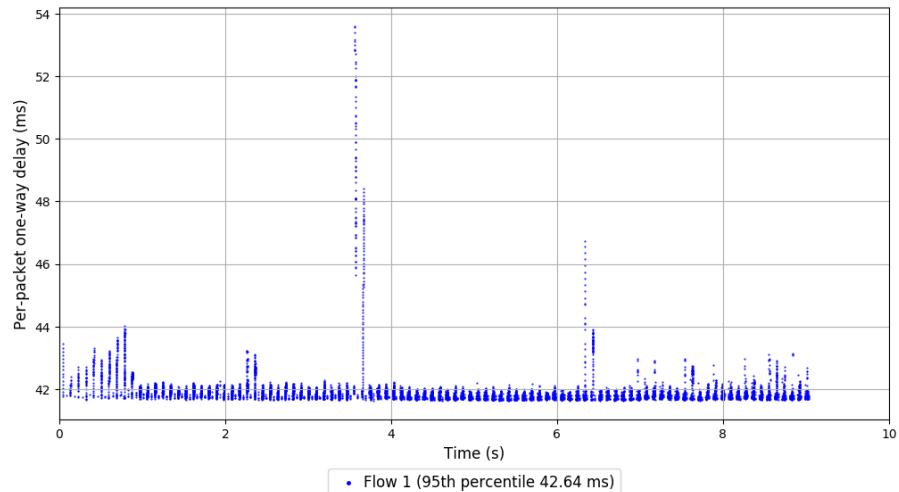
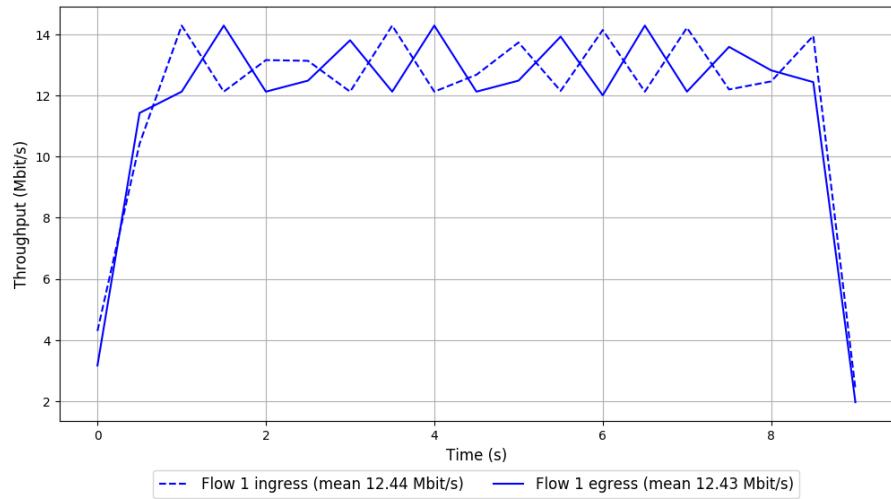
Start at: 2017-08-29 08:08:32

End at: 2017-08-29 08:09:02

Local clock offset: 0.636 ms

Remote clock offset: 0.243 ms

Run 2: Report of KohoCC — Data Link



Run 3: Statistics of KohoCC

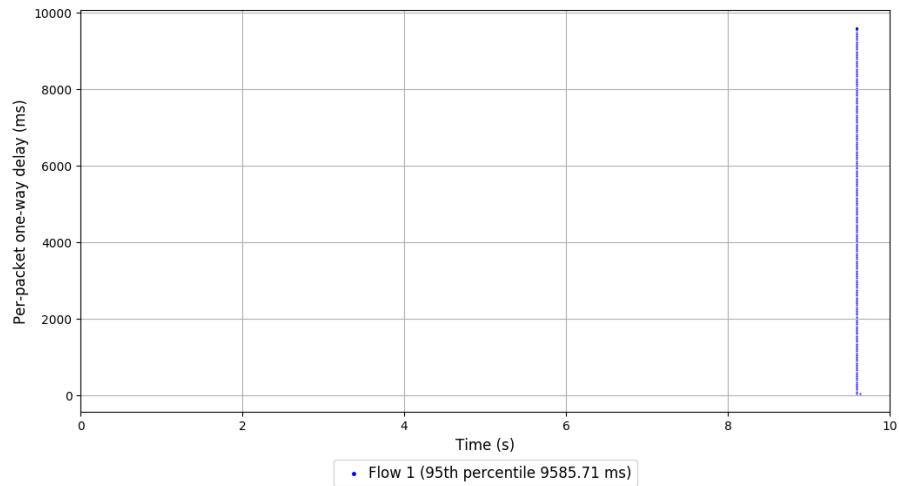
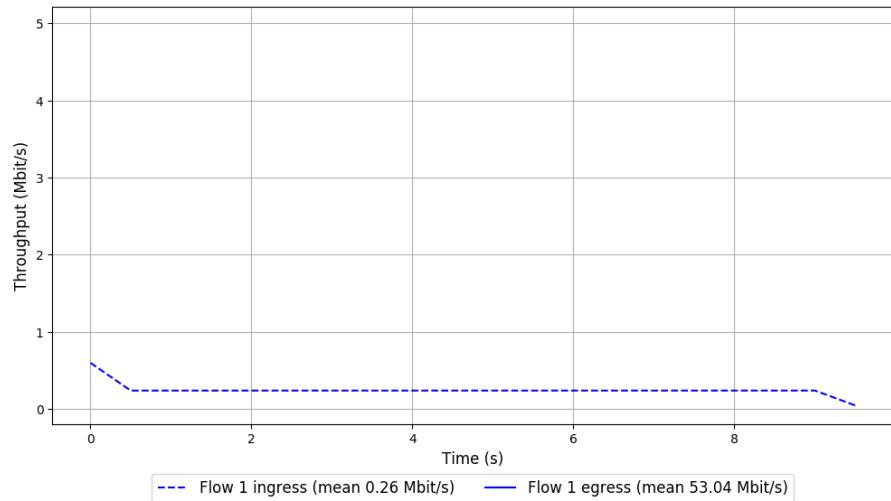
Start at: 2017-08-29 08:28:51

End at: 2017-08-29 08:29:21

Local clock offset: 0.563 ms

Remote clock offset: 0.752 ms

Run 3: Report of KohoCC — Data Link

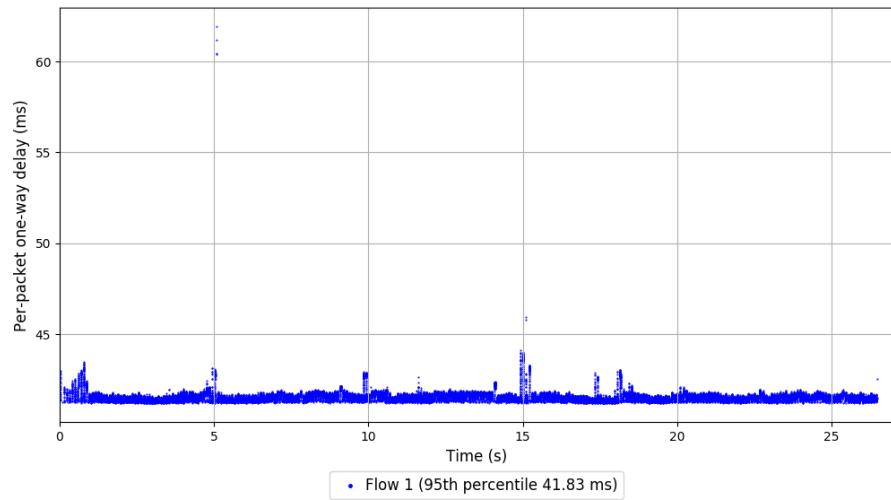
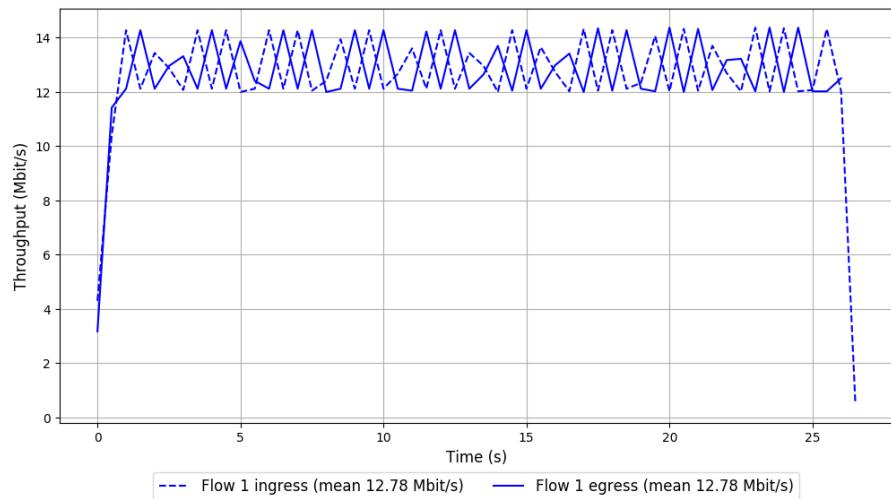


Run 4: Statistics of KohoCC

```
Start at: 2017-08-29 08:49:09
End at: 2017-08-29 08:49:39
Local clock offset: 0.694 ms
Remote clock offset: 1.577 ms

# Below is generated by plot.py at 2017-08-29 14:55:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.78 Mbit/s
95th percentile per-packet one-way delay: 41.830 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 12.78 Mbit/s
95th percentile per-packet one-way delay: 41.830 ms
Loss rate: 0.35%
```

Run 4: Report of KohoCC — Data Link

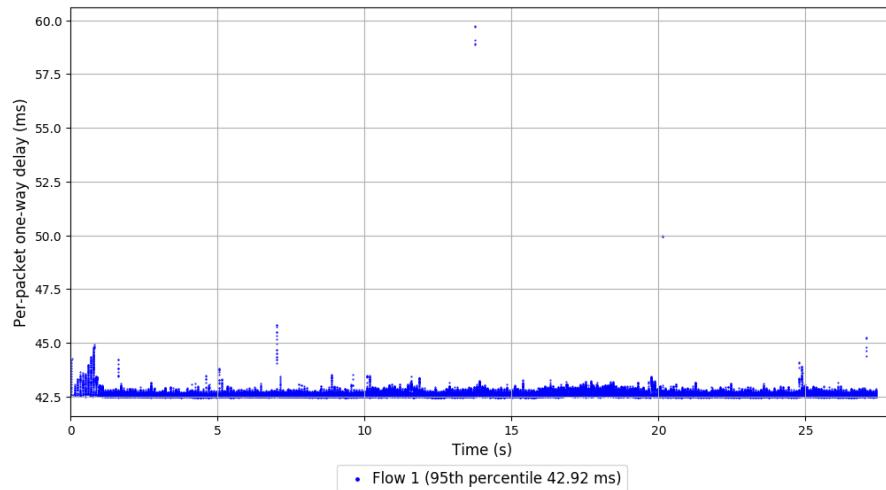
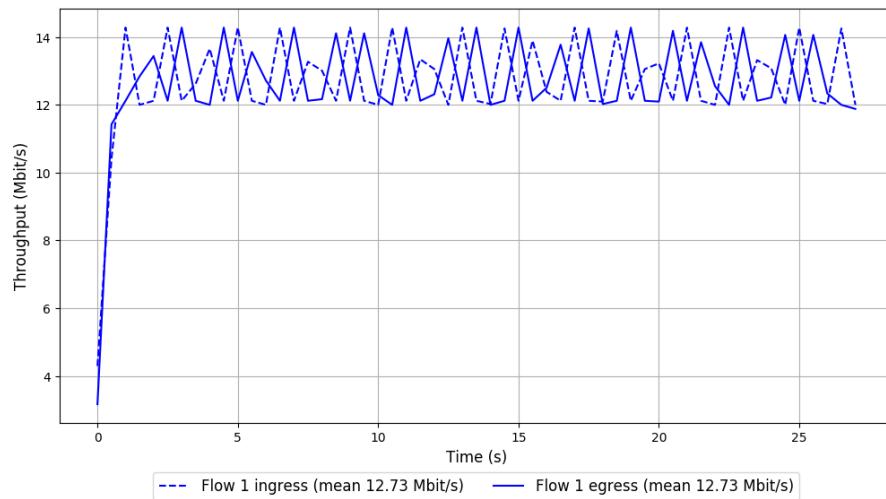


Run 5: Statistics of KohoCC

```
Start at: 2017-08-29 09:09:30
End at: 2017-08-29 09:10:00
Local clock offset: 0.615 ms
Remote clock offset: 1.056 ms

# Below is generated by plot.py at 2017-08-29 14:55:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.73 Mbit/s
95th percentile per-packet one-way delay: 42.923 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 12.73 Mbit/s
95th percentile per-packet one-way delay: 42.923 ms
Loss rate: 0.34%
```

Run 5: Report of KohoCC — Data Link

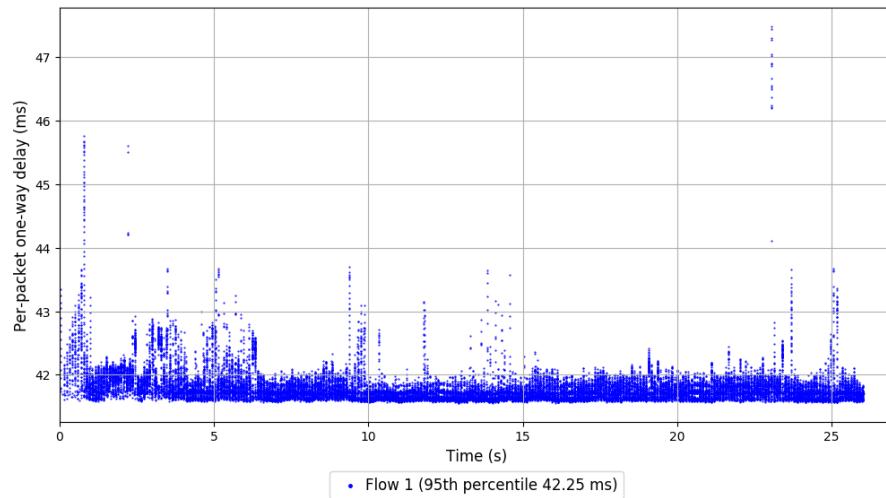
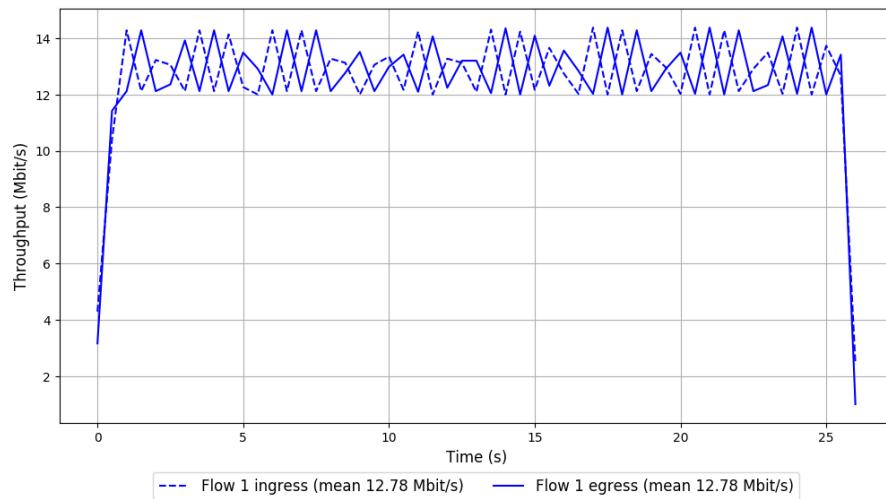


Run 6: Statistics of KohoCC

```
Start at: 2017-08-29 09:29:53
End at: 2017-08-29 09:30:23
Local clock offset: 0.635 ms
Remote clock offset: 0.952 ms

# Below is generated by plot.py at 2017-08-29 14:55:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.78 Mbit/s
95th percentile per-packet one-way delay: 42.251 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 12.78 Mbit/s
95th percentile per-packet one-way delay: 42.251 ms
Loss rate: 0.36%
```

Run 6: Report of KohoCC — Data Link

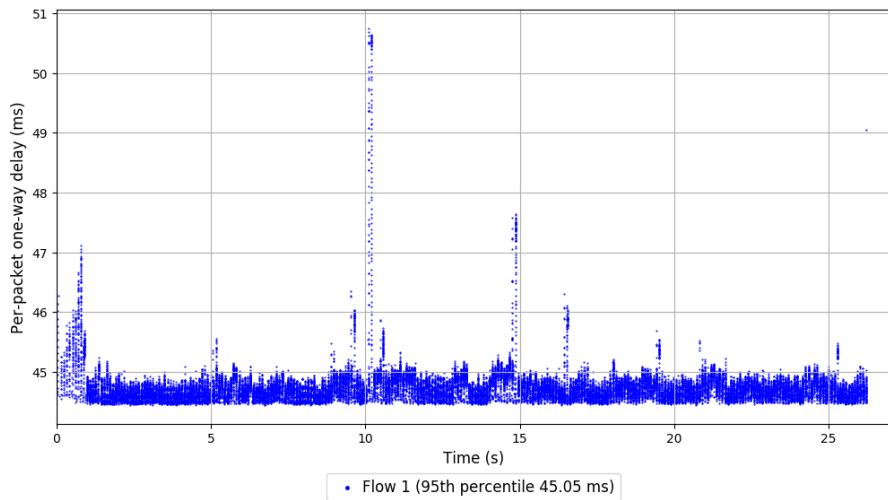
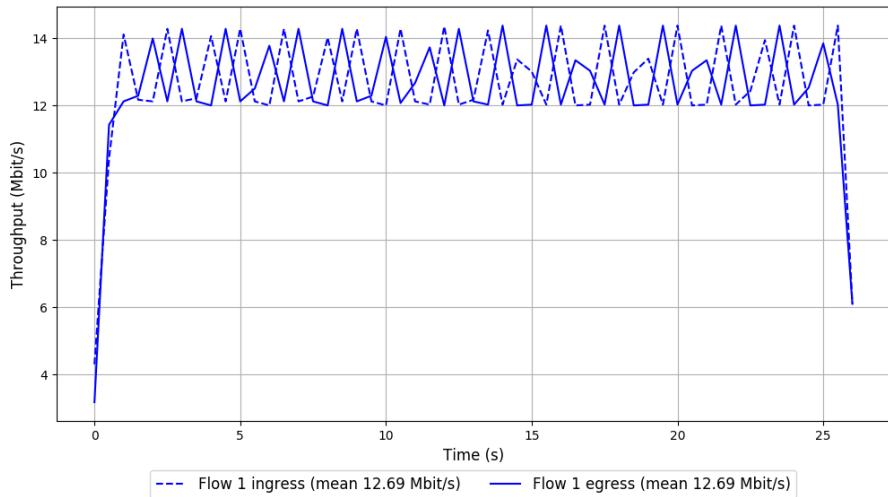


Run 7: Statistics of KohoCC

```
Start at: 2017-08-29 09:50:14
End at: 2017-08-29 09:50:44
Local clock offset: 0.621 ms
Remote clock offset: -1.263 ms

# Below is generated by plot.py at 2017-08-29 14:55:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.69 Mbit/s
95th percentile per-packet one-way delay: 45.052 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 12.69 Mbit/s
95th percentile per-packet one-way delay: 45.052 ms
Loss rate: 0.36%
```

Run 7: Report of KohoCC — Data Link

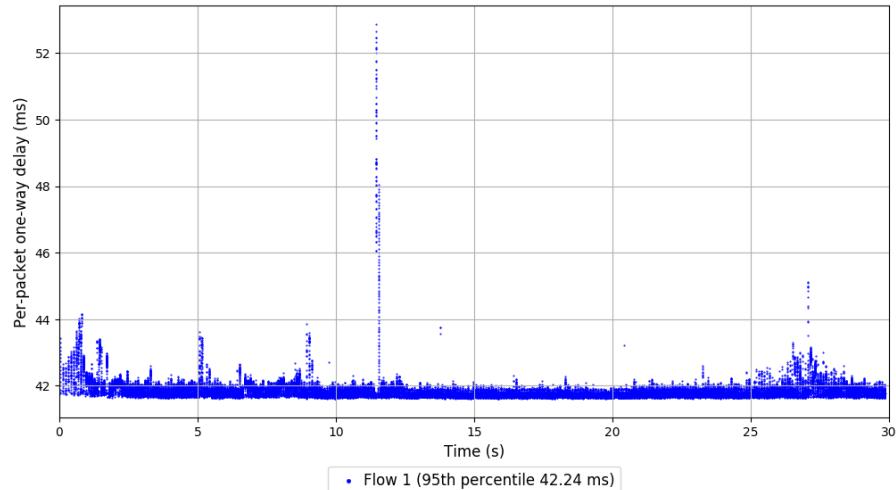
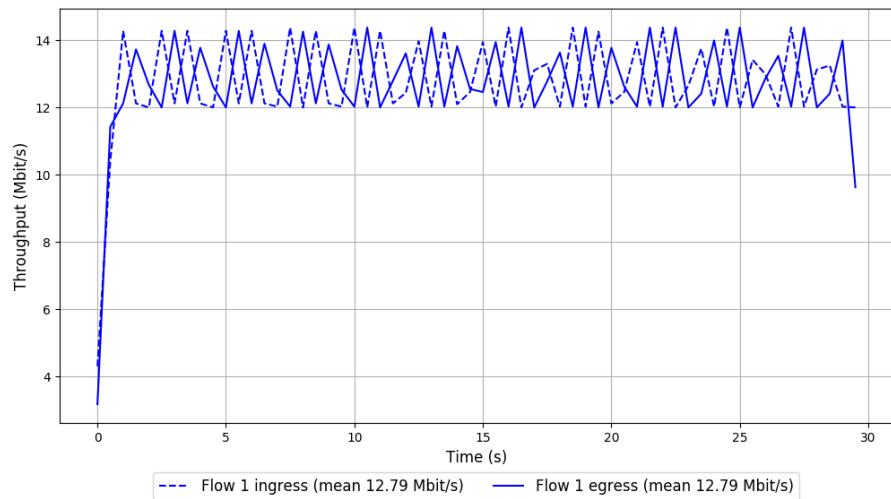


Run 8: Statistics of KohoCC

```
Start at: 2017-08-29 10:10:35
End at: 2017-08-29 10:11:05
Local clock offset: 0.515 ms
Remote clock offset: 0.695 ms

# Below is generated by plot.py at 2017-08-29 14:55:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.79 Mbit/s
95th percentile per-packet one-way delay: 42.240 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 12.79 Mbit/s
95th percentile per-packet one-way delay: 42.240 ms
Loss rate: 0.31%
```

Run 8: Report of KohoCC — Data Link

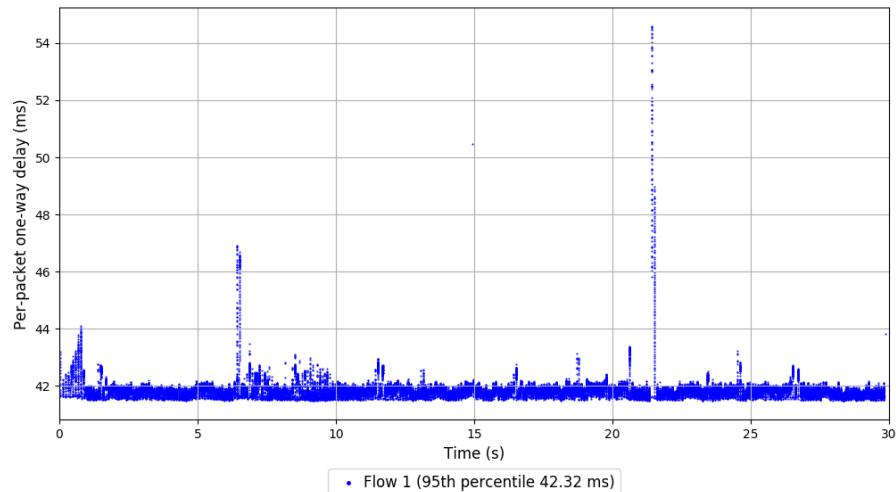
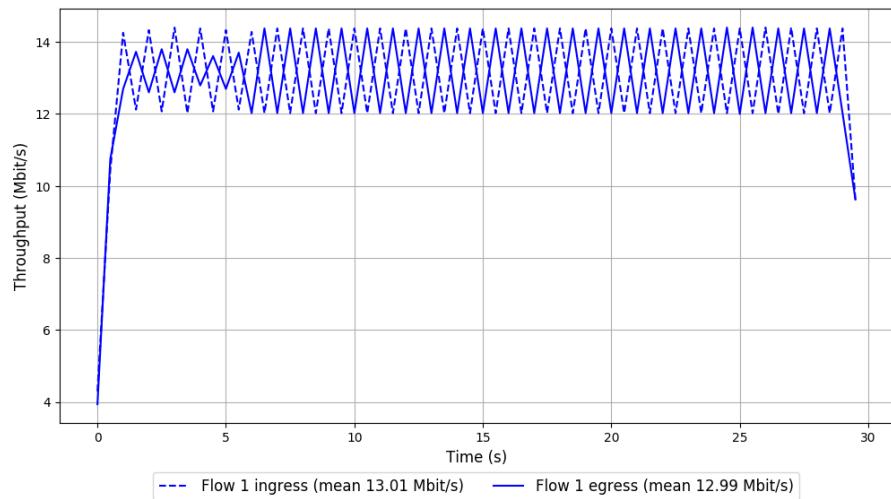


Run 9: Statistics of KohoCC

```
Start at: 2017-08-29 10:30:53
End at: 2017-08-29 10:31:23
Local clock offset: 0.556 ms
Remote clock offset: 0.398 ms

# Below is generated by plot.py at 2017-08-29 14:55:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.99 Mbit/s
95th percentile per-packet one-way delay: 42.316 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 12.99 Mbit/s
95th percentile per-packet one-way delay: 42.316 ms
Loss rate: 0.31%
```

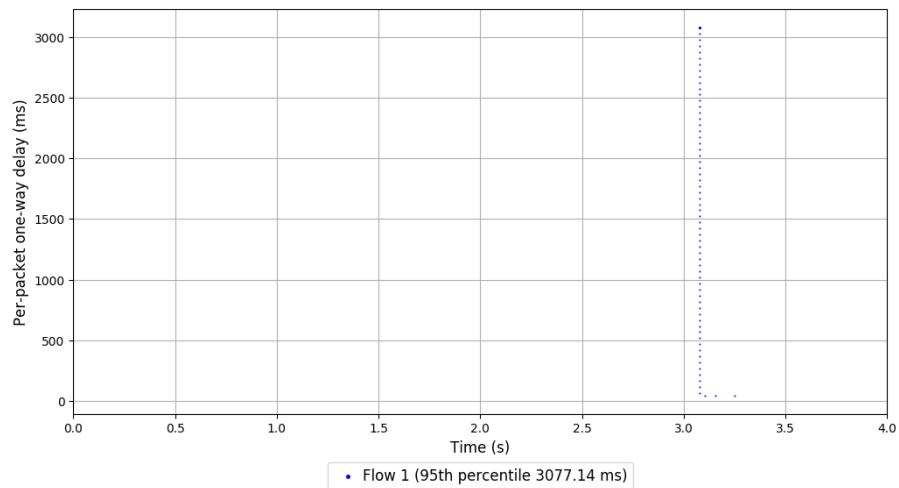
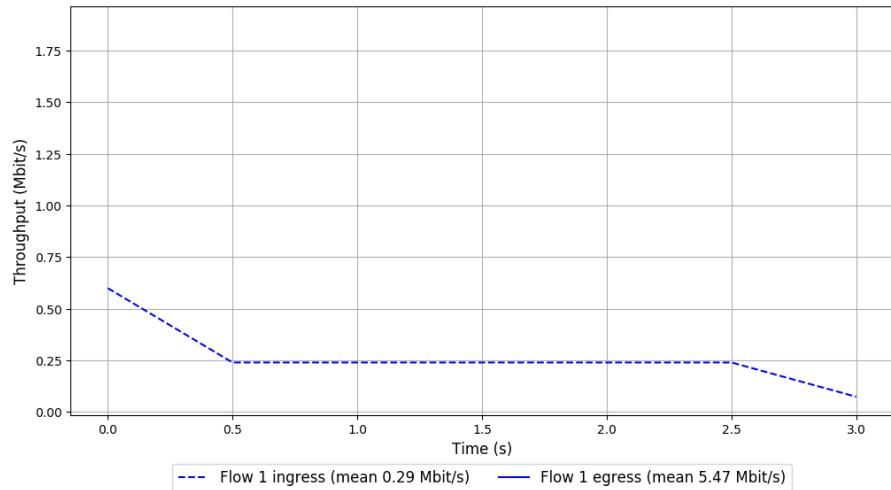
Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: 2017-08-29 10:51:16
End at: 2017-08-29 10:51:46
Local clock offset: 0.361 ms
Remote clock offset: -2.434 ms

Run 10: Report of KohoCC — Data Link

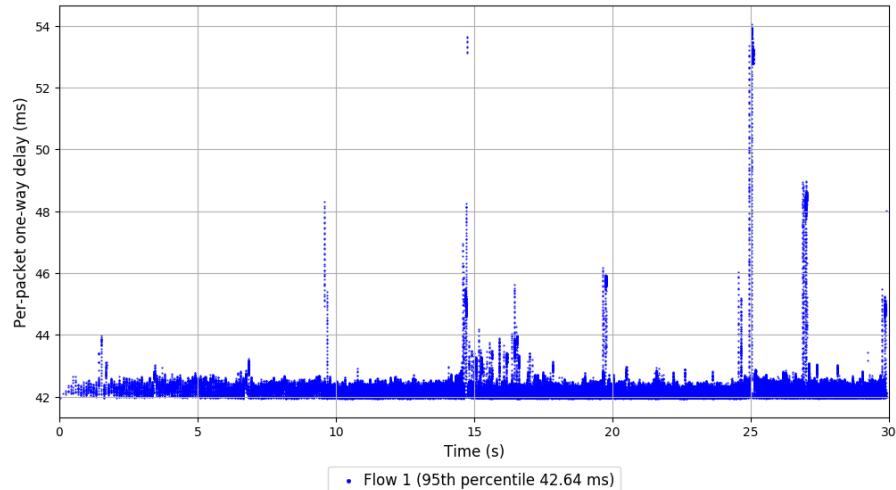
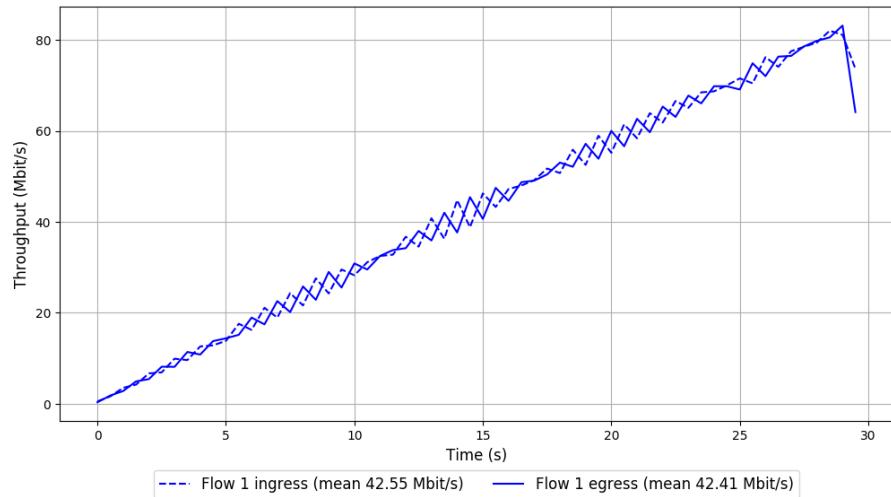


Run 1: Statistics of LEDBAT

```
Start at: 2017-08-29 07:52:10
End at: 2017-08-29 07:52:40
Local clock offset: 0.695 ms
Remote clock offset: 0.113 ms

# Below is generated by plot.py at 2017-08-29 14:56:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.41 Mbit/s
95th percentile per-packet one-way delay: 42.641 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 42.41 Mbit/s
95th percentile per-packet one-way delay: 42.641 ms
Loss rate: 0.60%
```

Run 1: Report of LEDBAT — Data Link

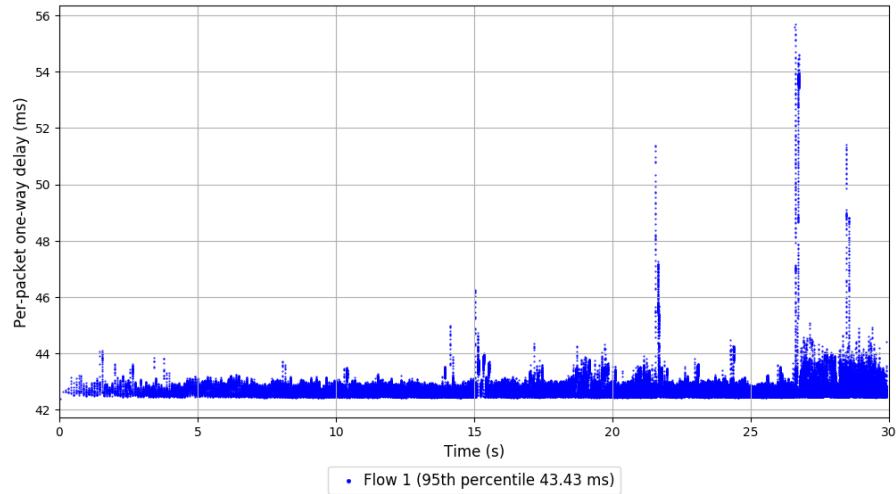
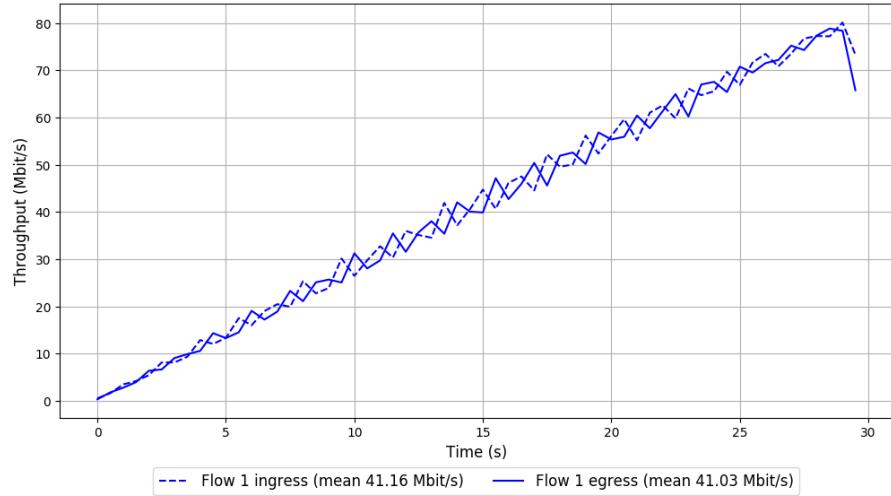


Run 2: Statistics of LEDBAT

```
Start at: 2017-08-29 08:12:33
End at: 2017-08-29 08:13:03
Local clock offset: 0.7 ms
Remote clock offset: 0.301 ms

# Below is generated by plot.py at 2017-08-29 14:56:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.03 Mbit/s
95th percentile per-packet one-way delay: 43.427 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 41.03 Mbit/s
95th percentile per-packet one-way delay: 43.427 ms
Loss rate: 0.61%
```

Run 2: Report of LEDBAT — Data Link

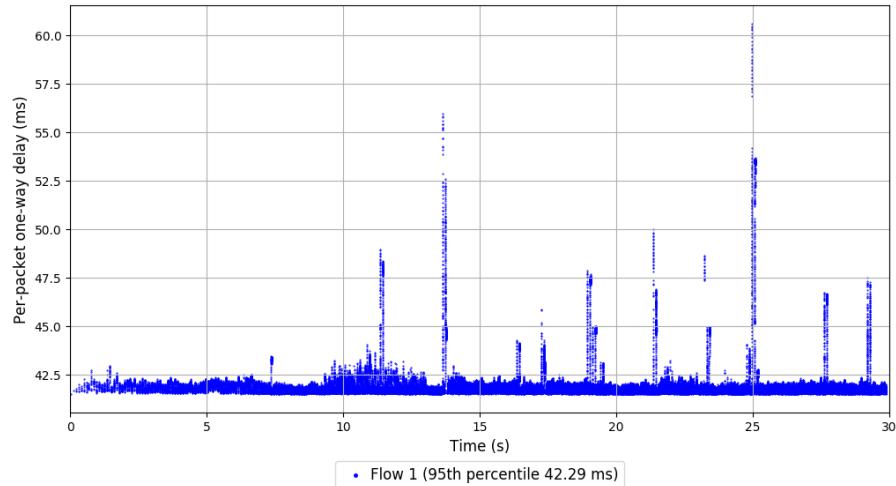
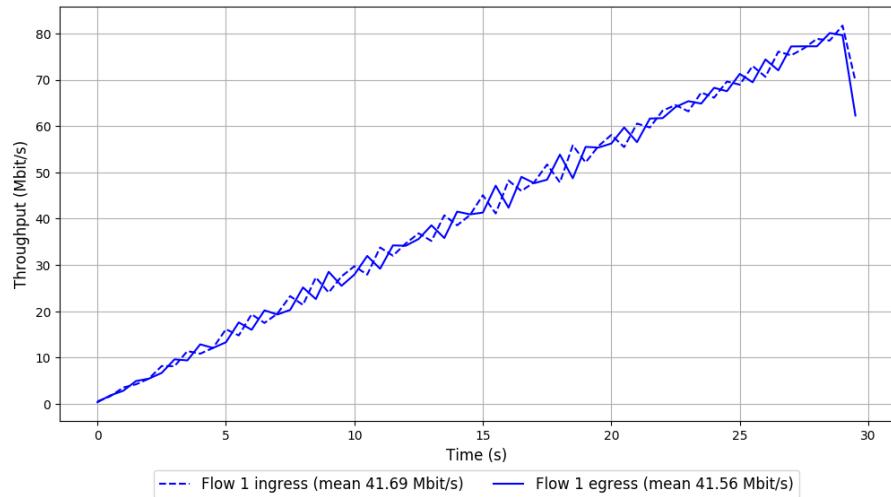


Run 3: Statistics of LEDBAT

```
Start at: 2017-08-29 08:32:50
End at: 2017-08-29 08:33:20
Local clock offset: 0.561 ms
Remote clock offset: 0.875 ms

# Below is generated by plot.py at 2017-08-29 14:56:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.56 Mbit/s
95th percentile per-packet one-way delay: 42.290 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 41.56 Mbit/s
95th percentile per-packet one-way delay: 42.290 ms
Loss rate: 0.61%
```

Run 3: Report of LEDBAT — Data Link

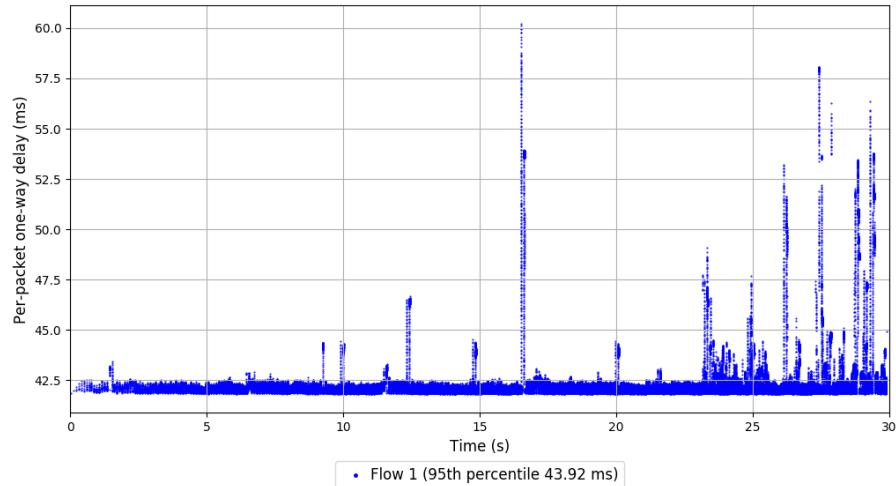
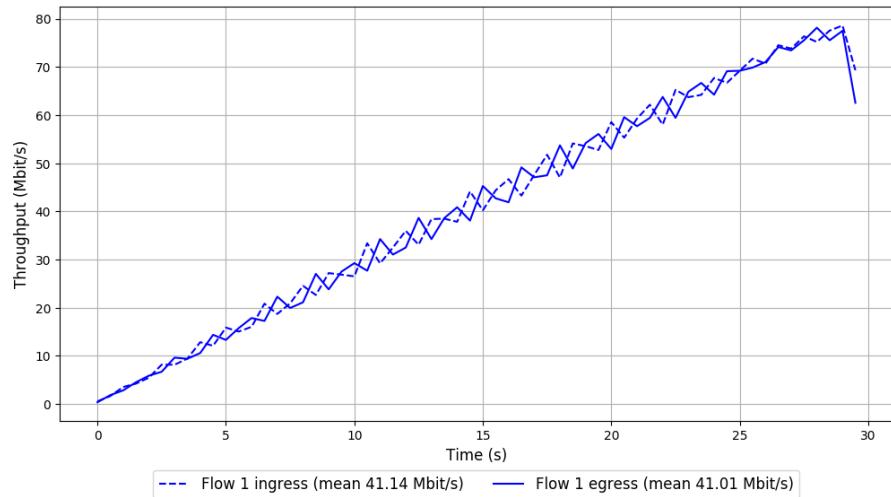


Run 4: Statistics of LEDBAT

```
Start at: 2017-08-29 08:53:10
End at: 2017-08-29 08:53:40
Local clock offset: 0.595 ms
Remote clock offset: 1.641 ms

# Below is generated by plot.py at 2017-08-29 14:56:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.01 Mbit/s
95th percentile per-packet one-way delay: 43.921 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 41.01 Mbit/s
95th percentile per-packet one-way delay: 43.921 ms
Loss rate: 0.61%
```

Run 4: Report of LEDBAT — Data Link

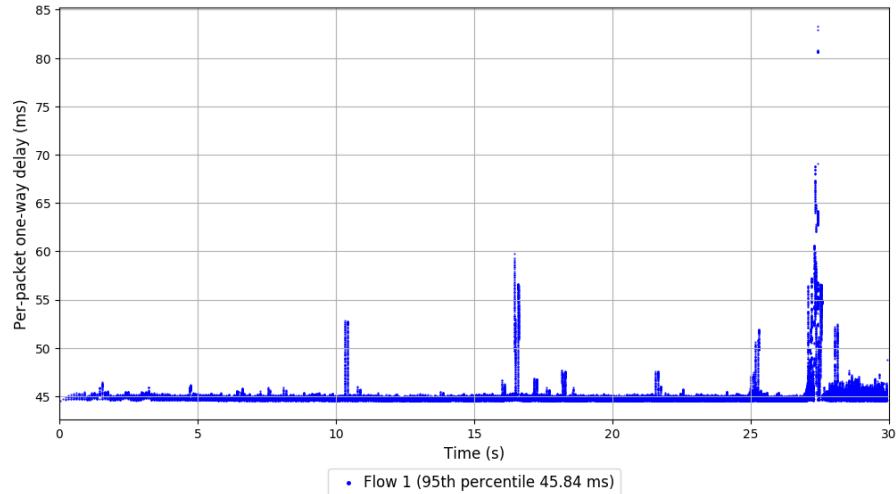
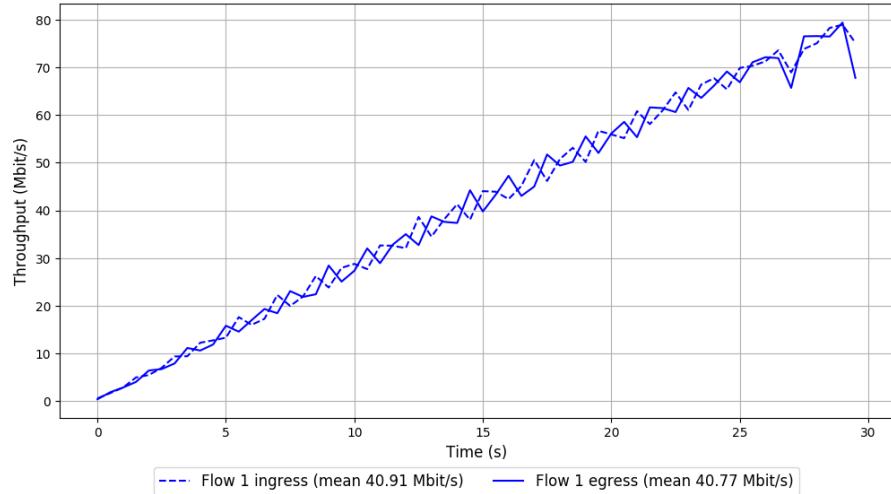


Run 5: Statistics of LEDBAT

```
Start at: 2017-08-29 09:13:32
End at: 2017-08-29 09:14:02
Local clock offset: 0.703 ms
Remote clock offset: -1.025 ms

# Below is generated by plot.py at 2017-08-29 14:56:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.77 Mbit/s
95th percentile per-packet one-way delay: 45.845 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 40.77 Mbit/s
95th percentile per-packet one-way delay: 45.845 ms
Loss rate: 0.61%
```

Run 5: Report of LEDBAT — Data Link

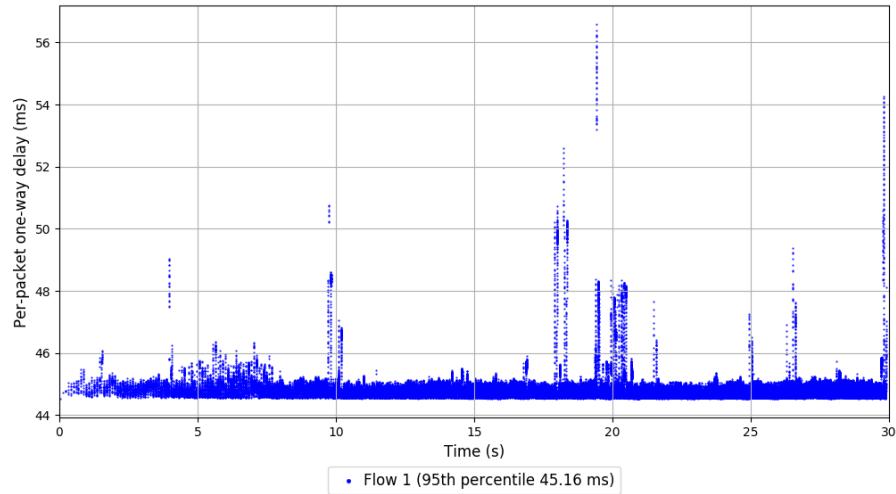
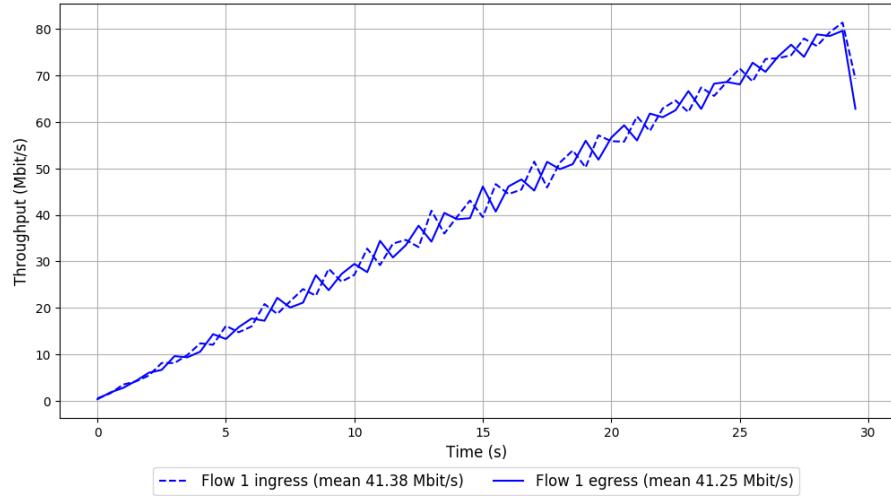


Run 6: Statistics of LEDBAT

```
Start at: 2017-08-29 09:33:55
End at: 2017-08-29 09:34:25
Local clock offset: 0.668 ms
Remote clock offset: -1.248 ms

# Below is generated by plot.py at 2017-08-29 14:56:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.25 Mbit/s
95th percentile per-packet one-way delay: 45.161 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 41.25 Mbit/s
95th percentile per-packet one-way delay: 45.161 ms
Loss rate: 0.61%
```

Run 6: Report of LEDBAT — Data Link

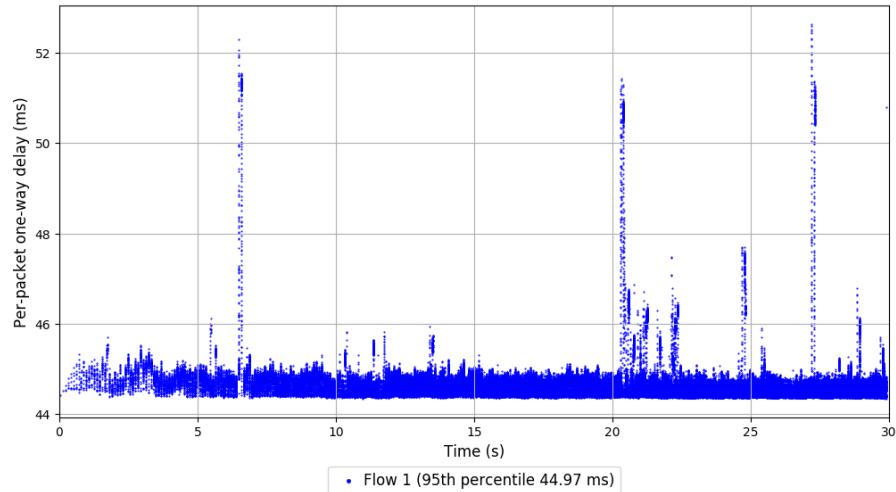
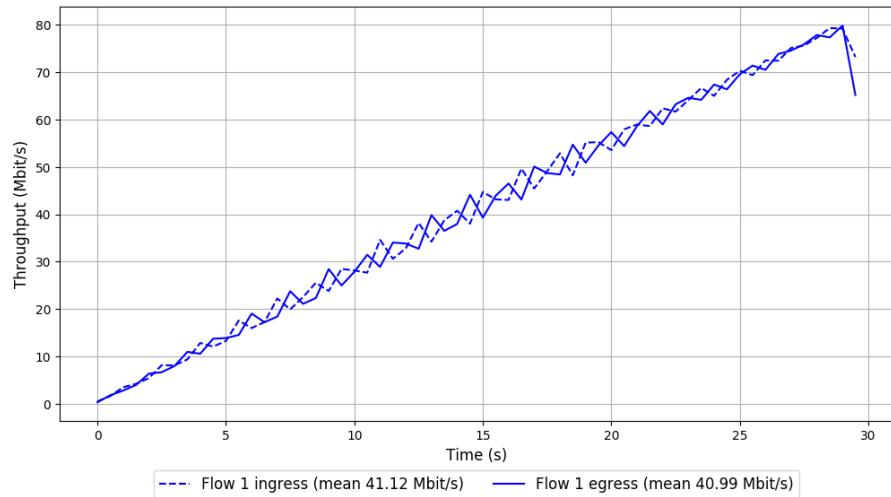


Run 7: Statistics of LEDBAT

```
Start at: 2017-08-29 09:54:16
End at: 2017-08-29 09:54:46
Local clock offset: 0.516 ms
Remote clock offset: -1.287 ms

# Below is generated by plot.py at 2017-08-29 14:56:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.99 Mbit/s
95th percentile per-packet one-way delay: 44.968 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 40.99 Mbit/s
95th percentile per-packet one-way delay: 44.968 ms
Loss rate: 0.61%
```

Run 7: Report of LEDBAT — Data Link

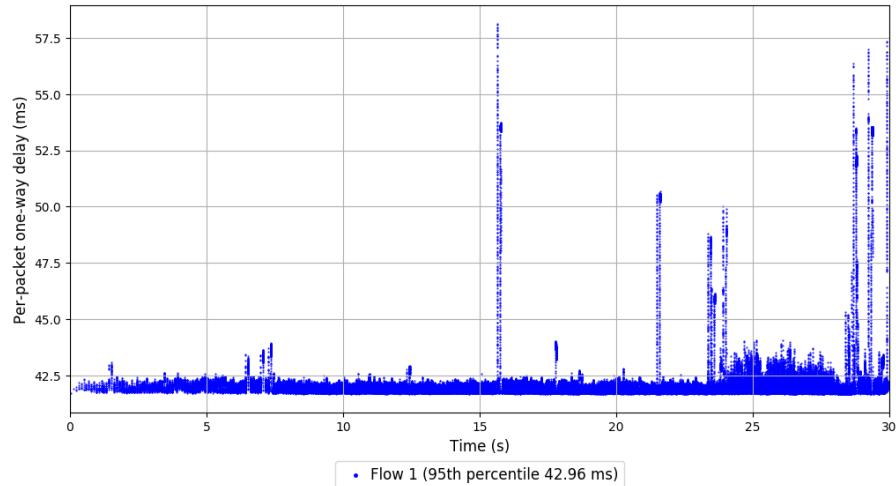
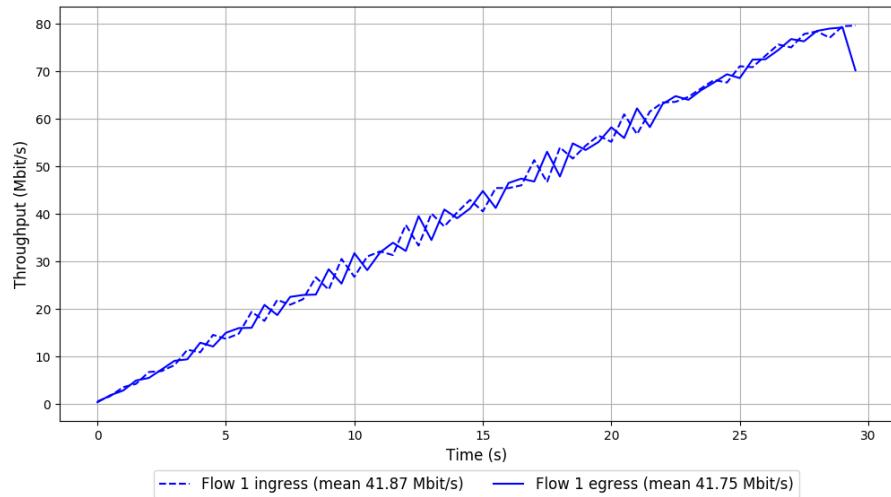


Run 8: Statistics of LEDBAT

```
Start at: 2017-08-29 10:14:36
End at: 2017-08-29 10:15:06
Local clock offset: 0.496 ms
Remote clock offset: 0.514 ms

# Below is generated by plot.py at 2017-08-29 14:56:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.75 Mbit/s
95th percentile per-packet one-way delay: 42.959 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 41.75 Mbit/s
95th percentile per-packet one-way delay: 42.959 ms
Loss rate: 0.58%
```

Run 8: Report of LEDBAT — Data Link

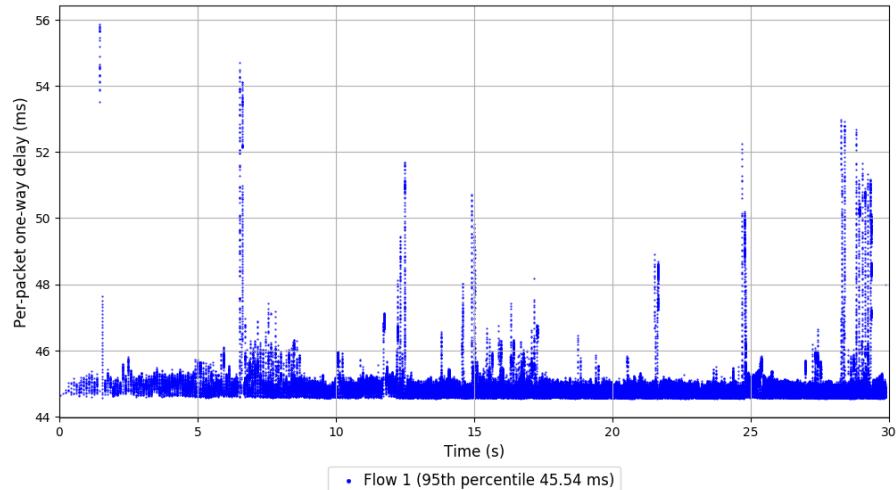
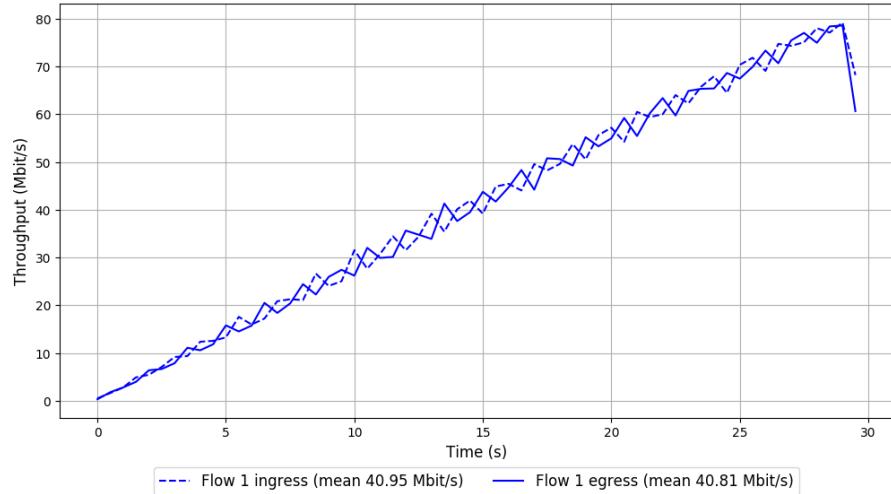


Run 9: Statistics of LEDBAT

```
Start at: 2017-08-29 10:34:55
End at: 2017-08-29 10:35:25
Local clock offset: 0.531 ms
Remote clock offset: -2.043 ms

# Below is generated by plot.py at 2017-08-29 14:56:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.81 Mbit/s
95th percentile per-packet one-way delay: 45.537 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 40.81 Mbit/s
95th percentile per-packet one-way delay: 45.537 ms
Loss rate: 0.61%
```

Run 9: Report of LEDBAT — Data Link

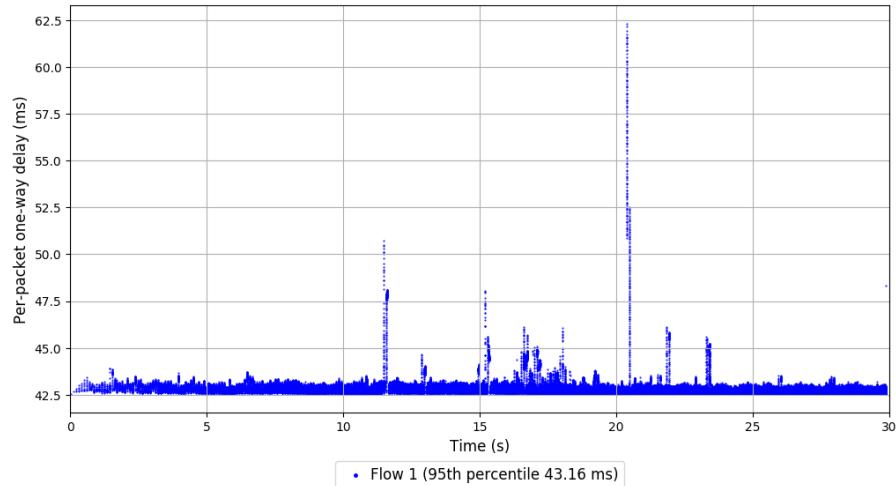
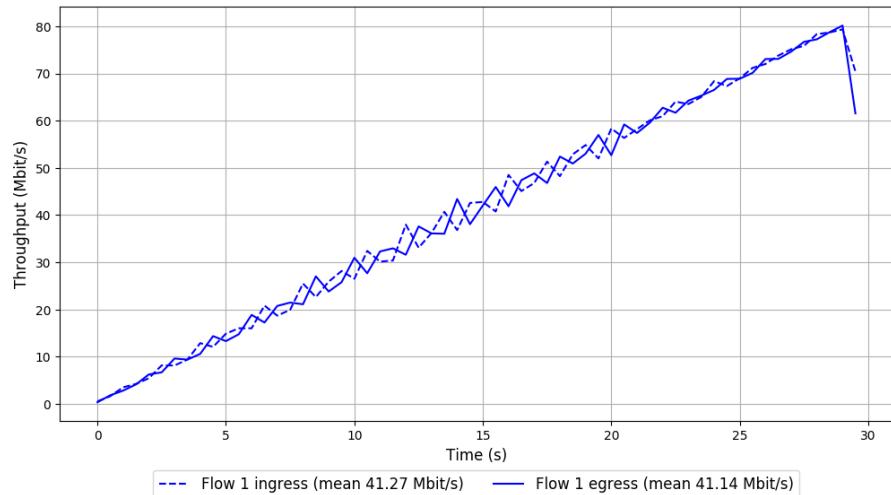


Run 10: Statistics of LEDBAT

```
Start at: 2017-08-29 10:55:16
End at: 2017-08-29 10:55:47
Local clock offset: 0.434 ms
Remote clock offset: -0.398 ms

# Below is generated by plot.py at 2017-08-29 14:56:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.14 Mbit/s
95th percentile per-packet one-way delay: 43.165 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 41.14 Mbit/s
95th percentile per-packet one-way delay: 43.165 ms
Loss rate: 0.61%
```

Run 10: Report of LEDBAT — Data Link

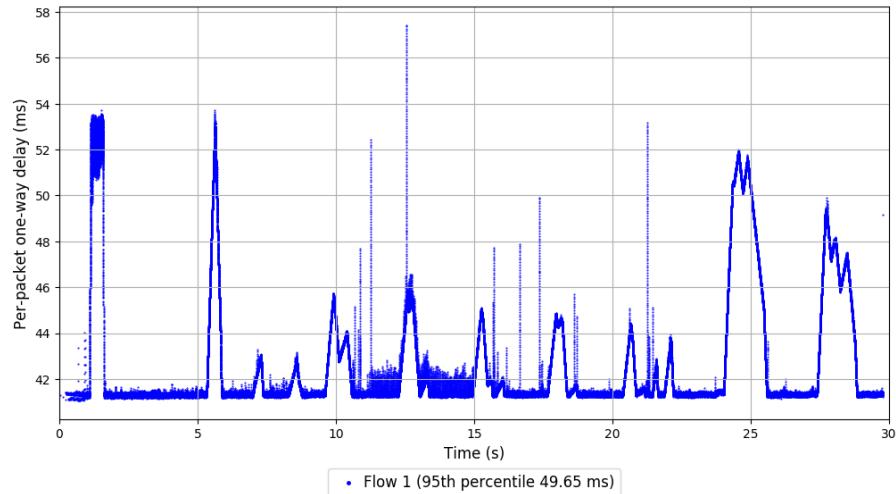
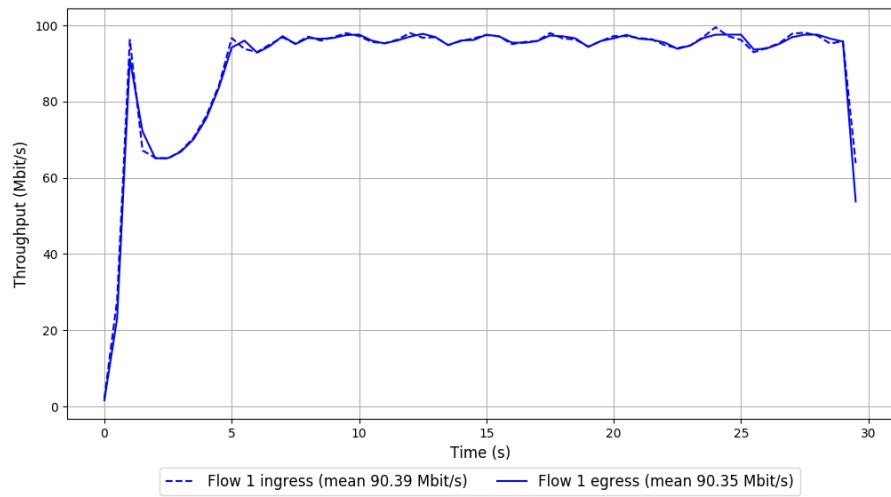


Run 1: Statistics of PCC

```
Start at: 2017-08-29 07:50:49
End at: 2017-08-29 07:51:19
Local clock offset: 0.771 ms
Remote clock offset: 0.153 ms

# Below is generated by plot.py at 2017-08-29 14:56:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.35 Mbit/s
95th percentile per-packet one-way delay: 49.645 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 90.35 Mbit/s
95th percentile per-packet one-way delay: 49.645 ms
Loss rate: 0.33%
```

Run 1: Report of PCC — Data Link

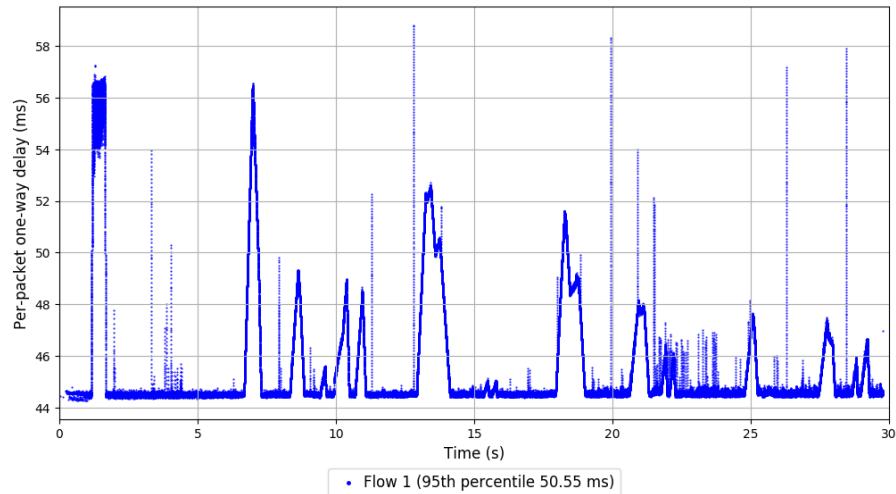
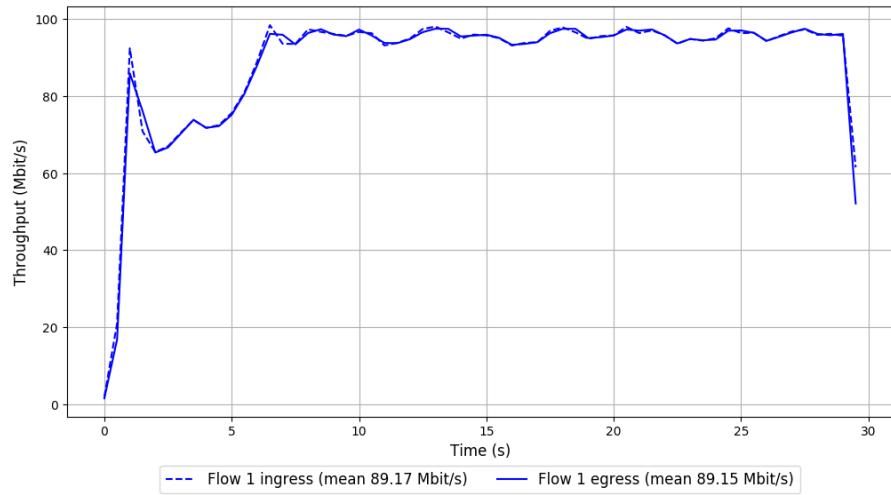


Run 2: Statistics of PCC

```
Start at: 2017-08-29 08:11:12
End at: 2017-08-29 08:11:42
Local clock offset: 0.611 ms
Remote clock offset: -1.82 ms

# Below is generated by plot.py at 2017-08-29 14:56:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.15 Mbit/s
95th percentile per-packet one-way delay: 50.547 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 89.15 Mbit/s
95th percentile per-packet one-way delay: 50.547 ms
Loss rate: 0.33%
```

Run 2: Report of PCC — Data Link

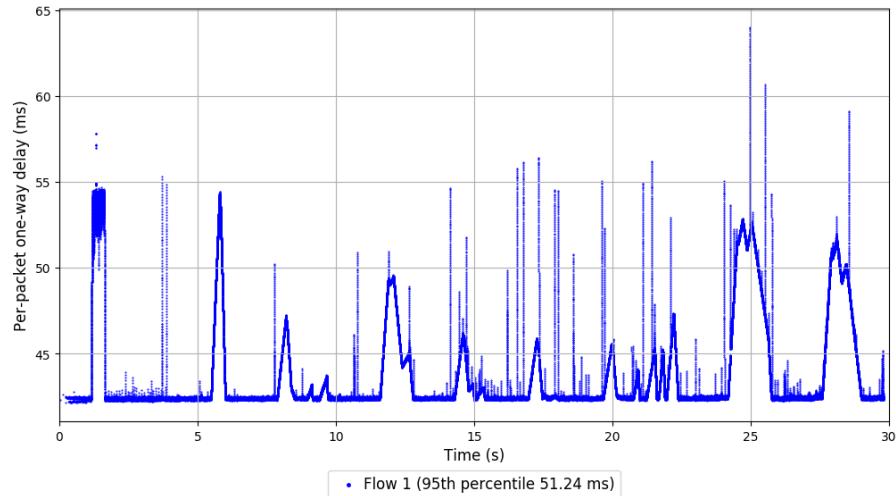
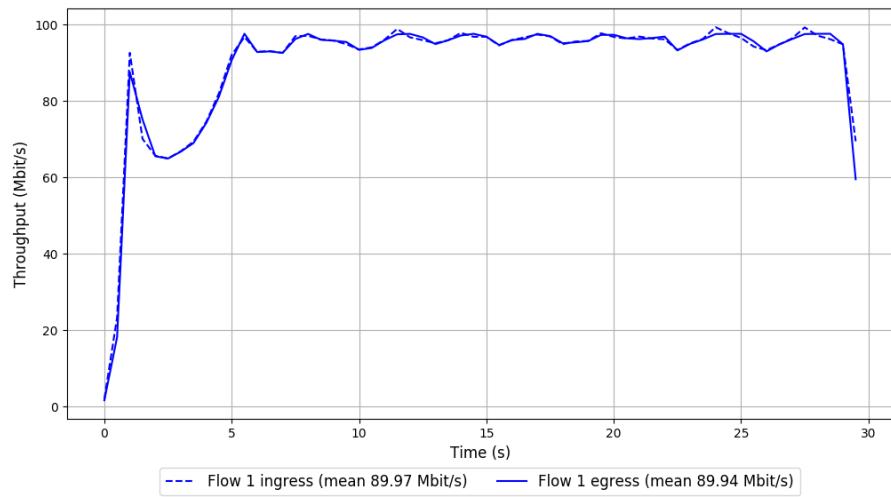


Run 3: Statistics of PCC

```
Start at: 2017-08-29 08:31:30
End at: 2017-08-29 08:32:00
Local clock offset: 0.57 ms
Remote clock offset: 0.755 ms

# Below is generated by plot.py at 2017-08-29 14:56:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.94 Mbit/s
95th percentile per-packet one-way delay: 51.243 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 89.94 Mbit/s
95th percentile per-packet one-way delay: 51.243 ms
Loss rate: 0.34%
```

Run 3: Report of PCC — Data Link

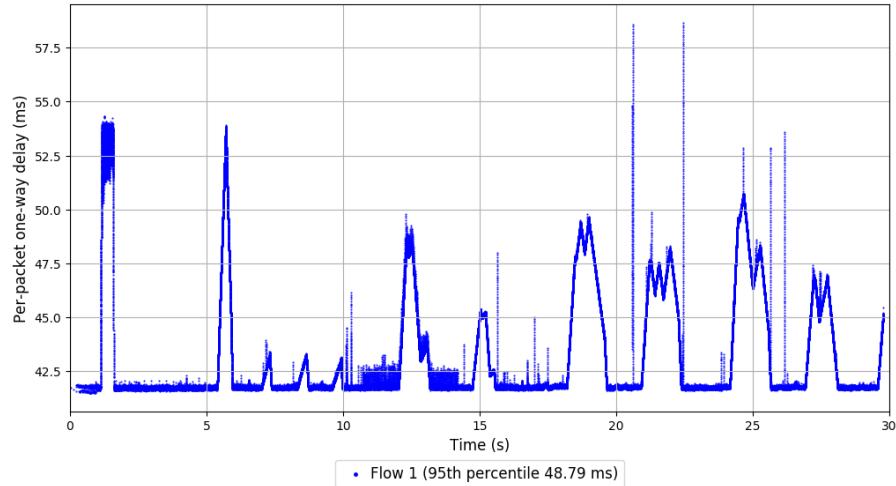
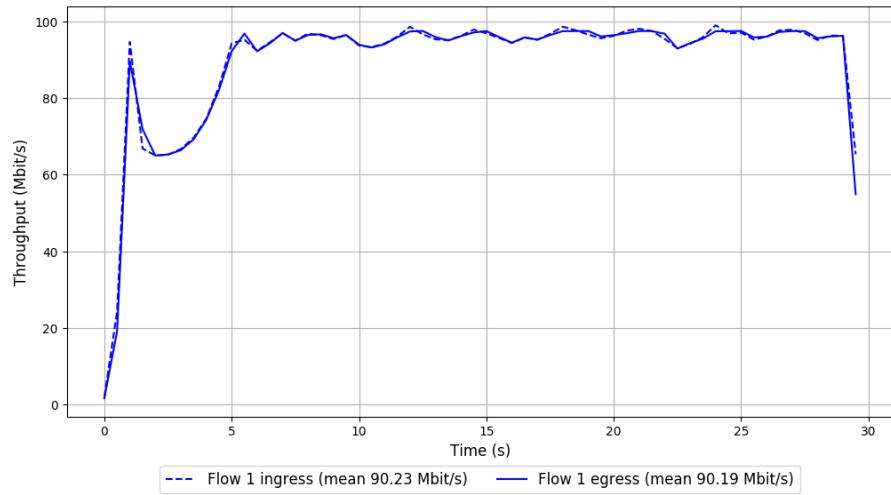


Run 4: Statistics of PCC

```
Start at: 2017-08-29 08:51:49
End at: 2017-08-29 08:52:19
Local clock offset: 0.701 ms
Remote clock offset: 1.049 ms

# Below is generated by plot.py at 2017-08-29 14:56:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.19 Mbit/s
95th percentile per-packet one-way delay: 48.793 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 90.19 Mbit/s
95th percentile per-packet one-way delay: 48.793 ms
Loss rate: 0.34%
```

Run 4: Report of PCC — Data Link

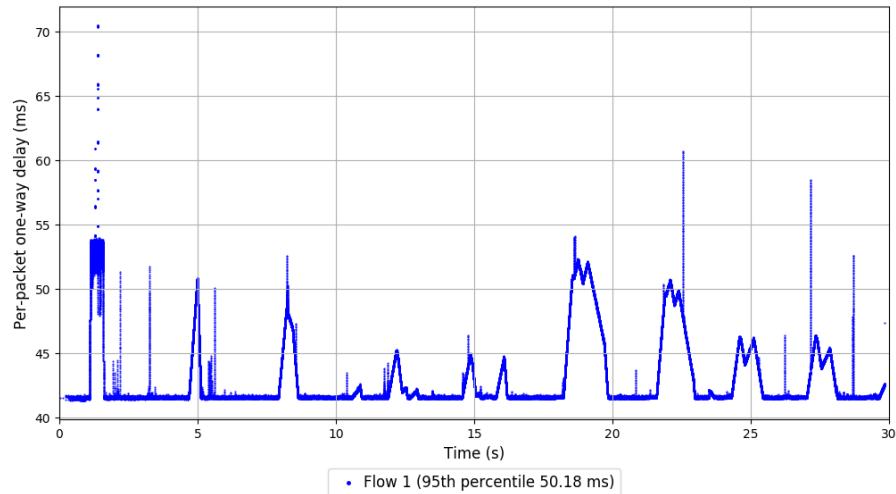
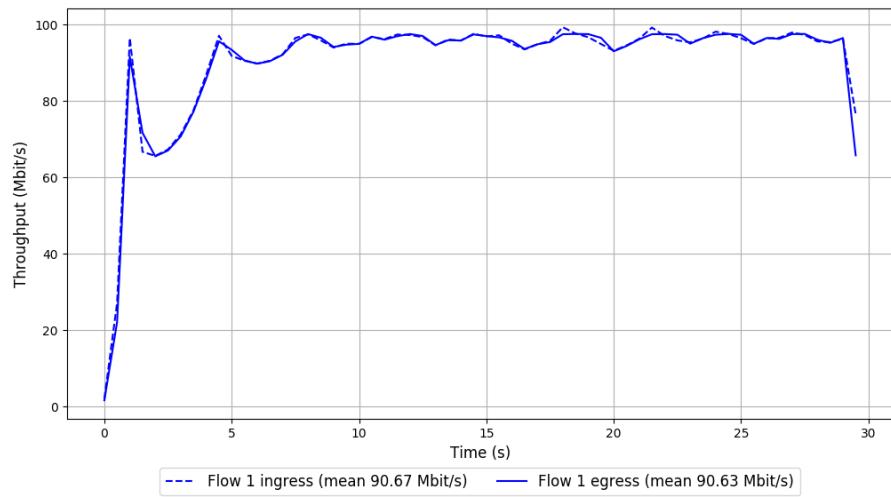


Run 5: Statistics of PCC

```
Start at: 2017-08-29 09:12:11
End at: 2017-08-29 09:12:41
Local clock offset: 0.615 ms
Remote clock offset: 1.099 ms

# Below is generated by plot.py at 2017-08-29 14:57:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.63 Mbit/s
95th percentile per-packet one-way delay: 50.180 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 90.63 Mbit/s
95th percentile per-packet one-way delay: 50.180 ms
Loss rate: 0.34%
```

Run 5: Report of PCC — Data Link

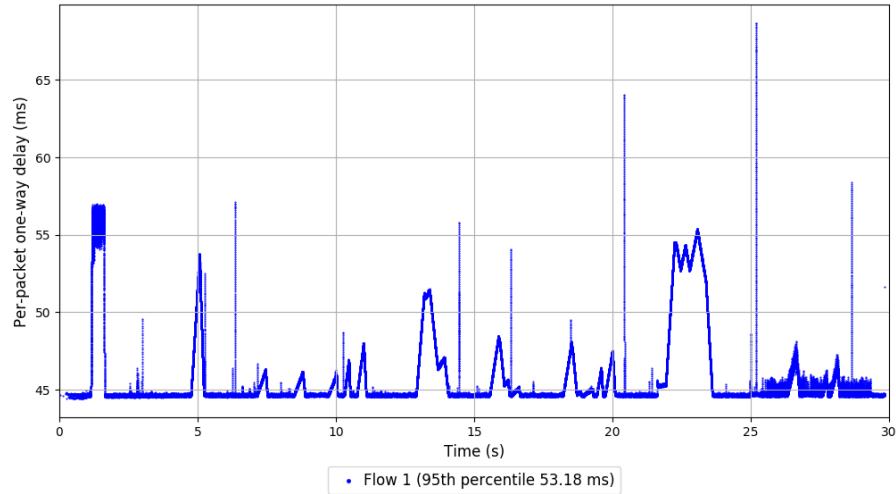
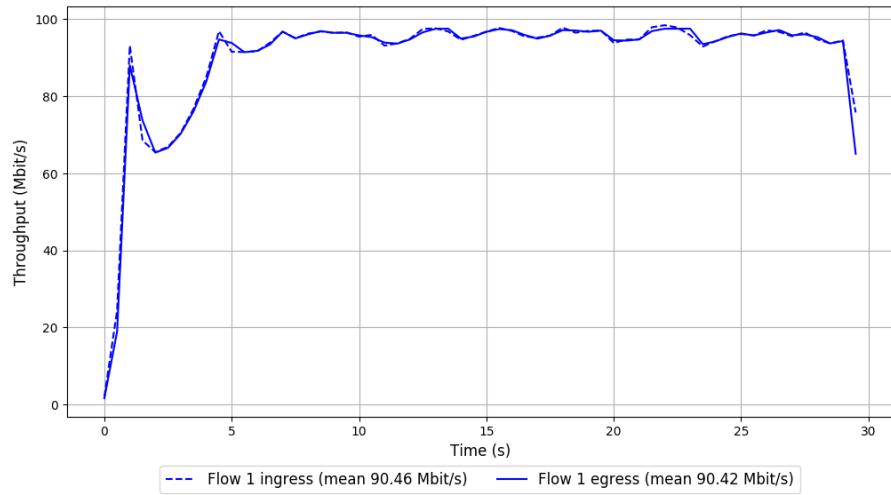


Run 6: Statistics of PCC

```
Start at: 2017-08-29 09:32:34
End at: 2017-08-29 09:33:04
Local clock offset: 0.659 ms
Remote clock offset: -1.26 ms

# Below is generated by plot.py at 2017-08-29 14:57:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.42 Mbit/s
95th percentile per-packet one-way delay: 53.180 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 90.42 Mbit/s
95th percentile per-packet one-way delay: 53.180 ms
Loss rate: 0.35%
```

Run 6: Report of PCC — Data Link

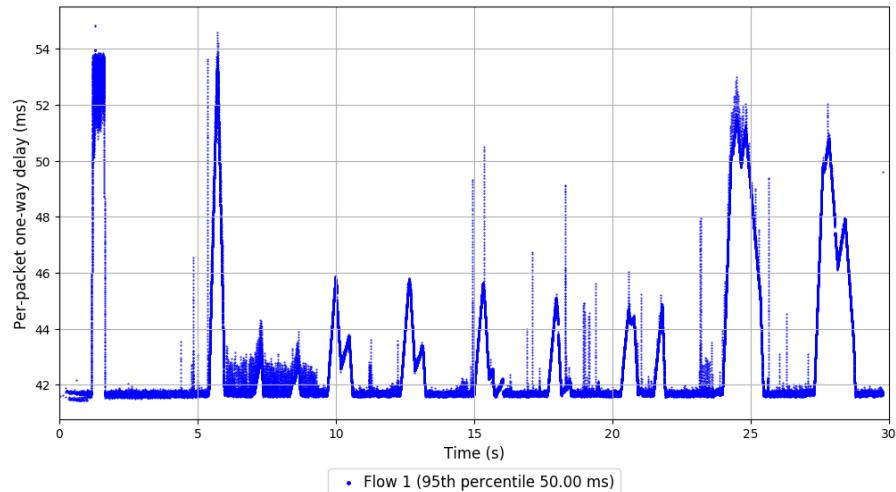
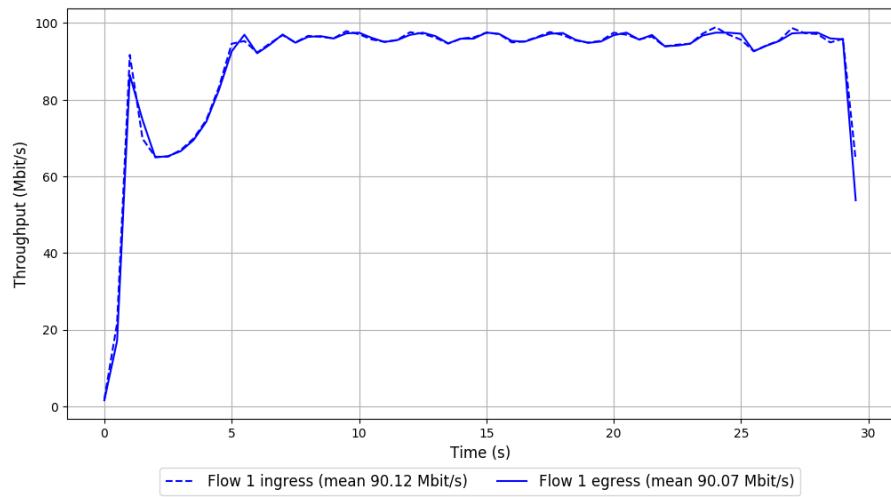


Run 7: Statistics of PCC

```
Start at: 2017-08-29 09:52:54
End at: 2017-08-29 09:53:24
Local clock offset: 0.618 ms
Remote clock offset: 0.795 ms

# Below is generated by plot.py at 2017-08-29 14:57:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.07 Mbit/s
95th percentile per-packet one-way delay: 50.000 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 90.07 Mbit/s
95th percentile per-packet one-way delay: 50.000 ms
Loss rate: 0.35%
```

Run 7: Report of PCC — Data Link

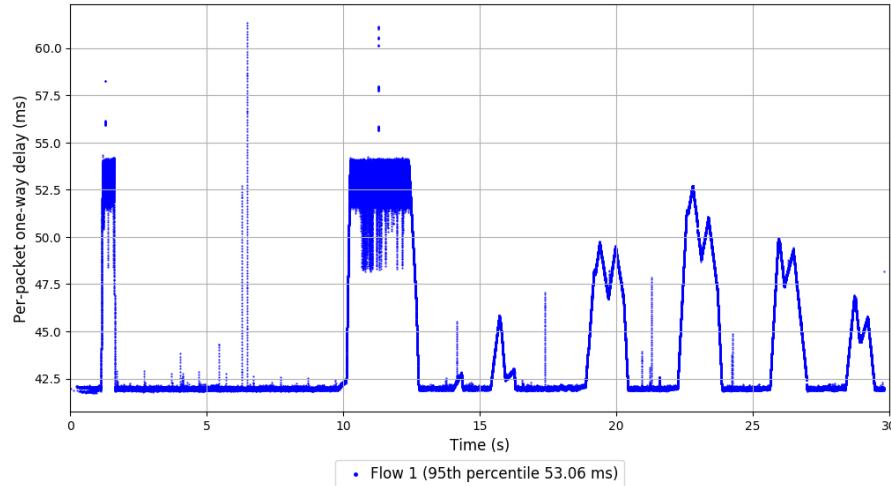
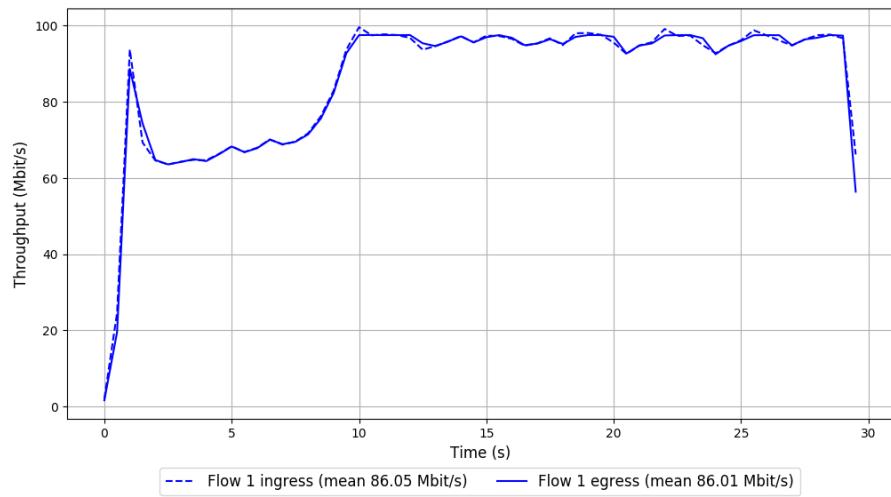


Run 8: Statistics of PCC

```
Start at: 2017-08-29 10:13:16
End at: 2017-08-29 10:13:46
Local clock offset: 0.498 ms
Remote clock offset: 1.004 ms

# Below is generated by plot.py at 2017-08-29 14:57:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.01 Mbit/s
95th percentile per-packet one-way delay: 53.063 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 86.01 Mbit/s
95th percentile per-packet one-way delay: 53.063 ms
Loss rate: 0.35%
```

Run 8: Report of PCC — Data Link

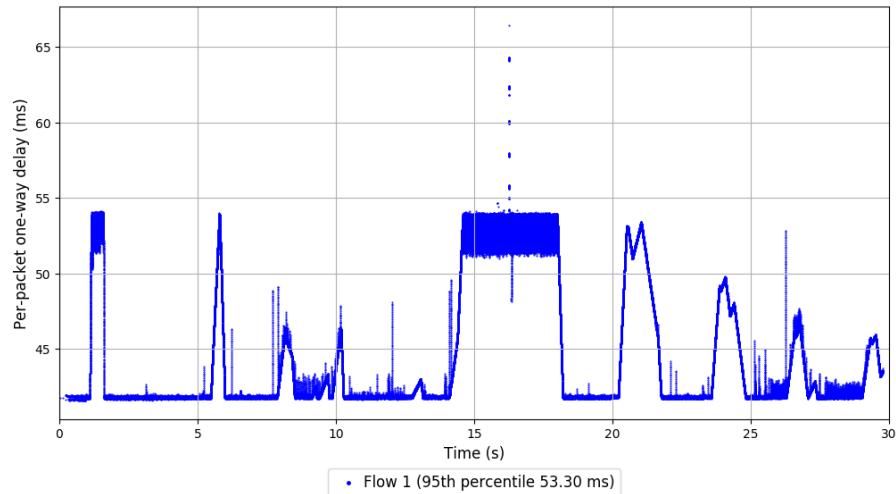
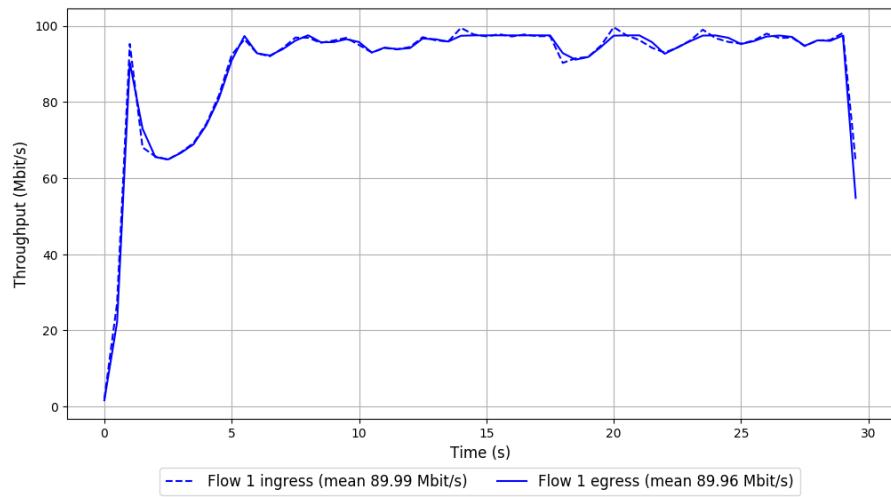


Run 9: Statistics of PCC

```
Start at: 2017-08-29 10:33:34
End at: 2017-08-29 10:34:04
Local clock offset: 0.513 ms
Remote clock offset: 0.063 ms

# Below is generated by plot.py at 2017-08-29 14:57:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.96 Mbit/s
95th percentile per-packet one-way delay: 53.295 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 89.96 Mbit/s
95th percentile per-packet one-way delay: 53.295 ms
Loss rate: 0.34%
```

Run 9: Report of PCC — Data Link

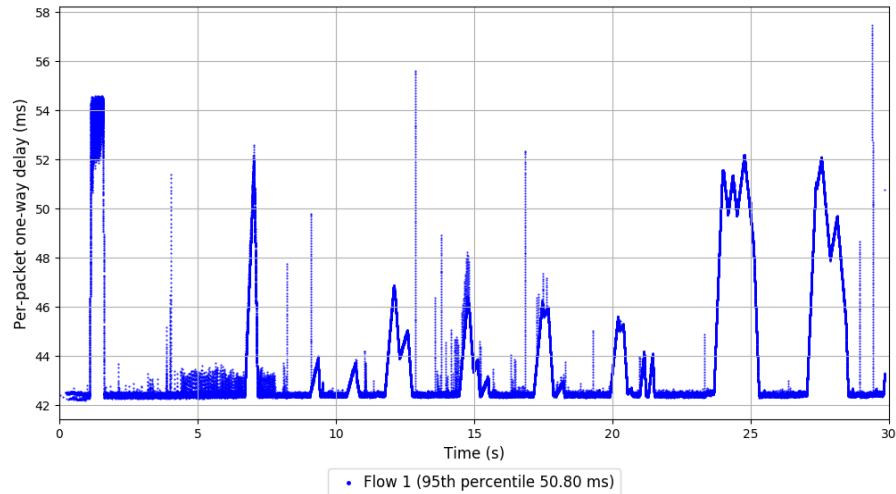
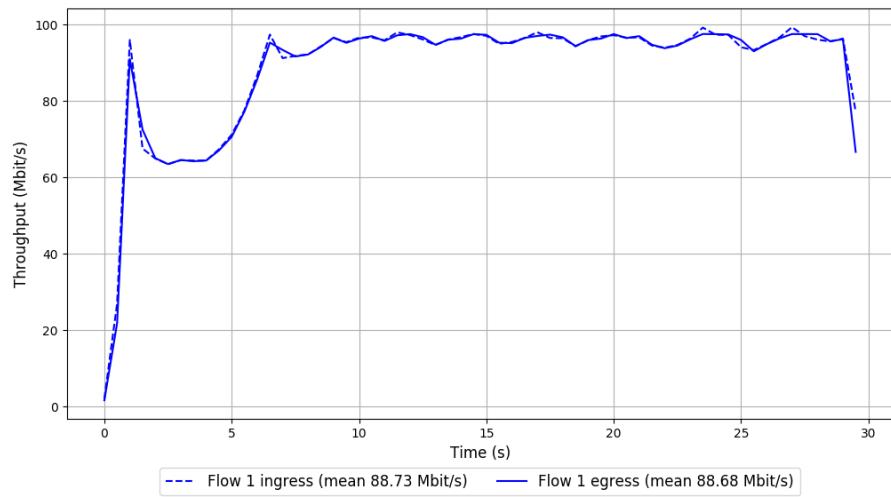


Run 10: Statistics of PCC

```
Start at: 2017-08-29 10:53:55
End at: 2017-08-29 10:54:25
Local clock offset: 0.422 ms
Remote clock offset: -0.346 ms

# Below is generated by plot.py at 2017-08-29 14:57:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.68 Mbit/s
95th percentile per-packet one-way delay: 50.805 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 88.68 Mbit/s
95th percentile per-packet one-way delay: 50.805 ms
Loss rate: 0.35%
```

Run 10: Report of PCC — Data Link

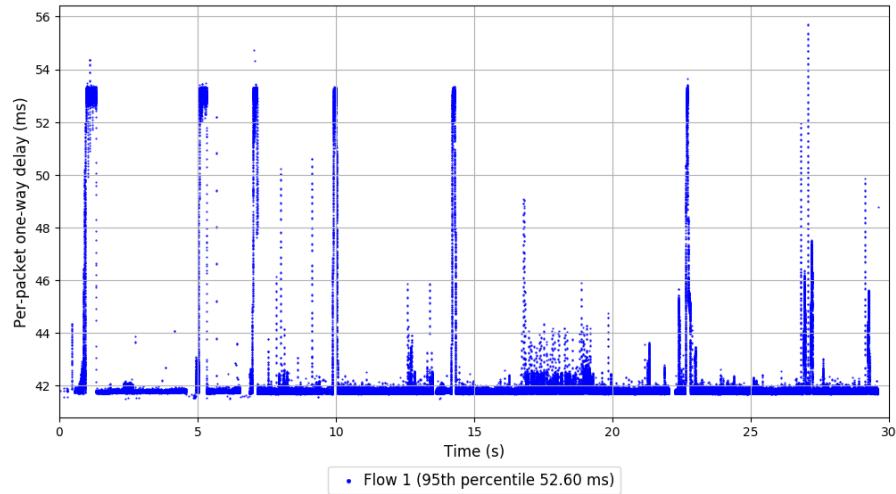
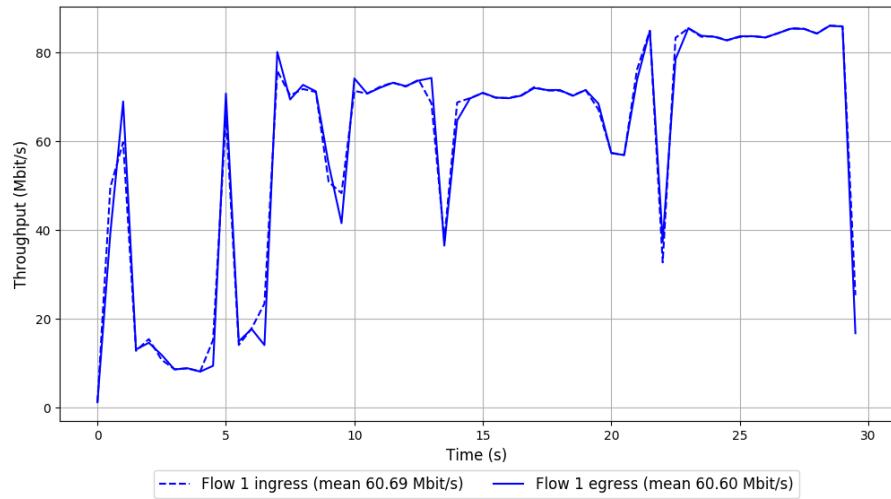


Run 1: Statistics of QUIC Cubic

```
Start at: 2017-08-29 07:37:07
End at: 2017-08-29 07:37:37
Local clock offset: 0.768 ms
Remote clock offset: -0.705 ms

# Below is generated by plot.py at 2017-08-29 14:57:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.60 Mbit/s
95th percentile per-packet one-way delay: 52.602 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 60.60 Mbit/s
95th percentile per-packet one-way delay: 52.602 ms
Loss rate: 0.44%
```

Run 1: Report of QUIC Cubic — Data Link

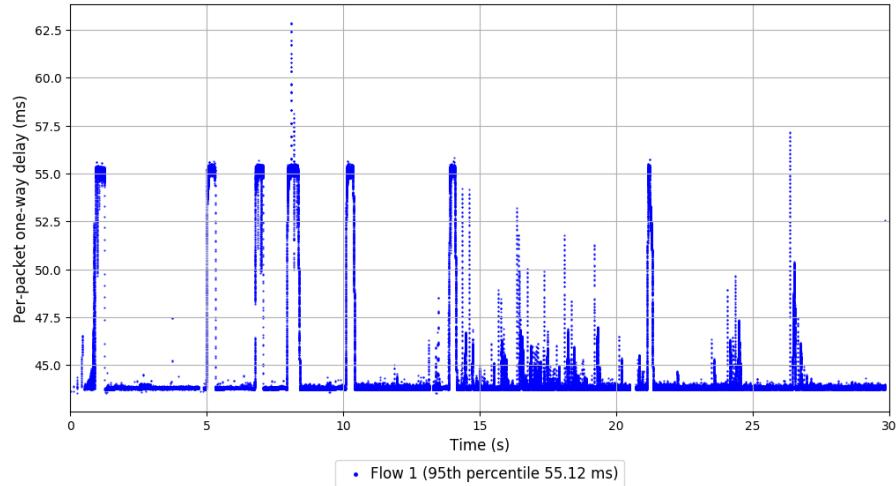
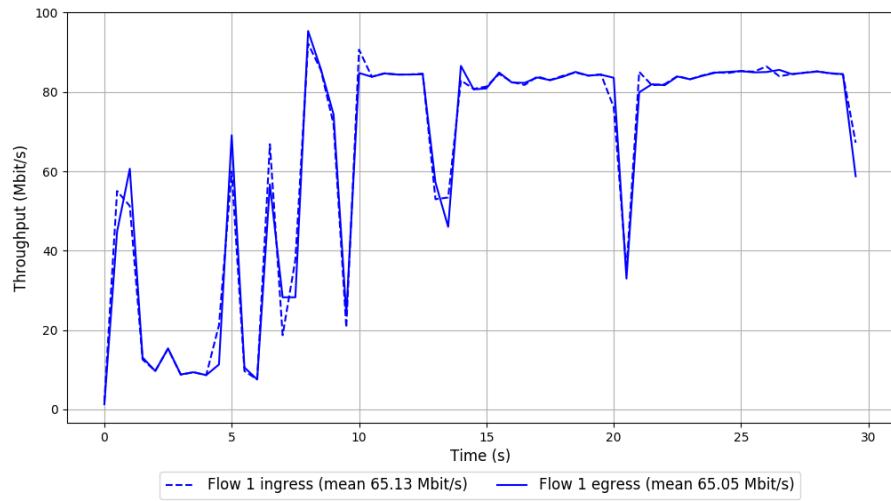


Run 2: Statistics of QUIC Cubic

```
Start at: 2017-08-29 07:57:29
End at: 2017-08-29 07:57:59
Local clock offset: 0.66 ms
Remote clock offset: -2.227 ms

# Below is generated by plot.py at 2017-08-29 14:57:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.05 Mbit/s
95th percentile per-packet one-way delay: 55.118 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 65.05 Mbit/s
95th percentile per-packet one-way delay: 55.118 ms
Loss rate: 0.41%
```

Run 2: Report of QUIC Cubic — Data Link

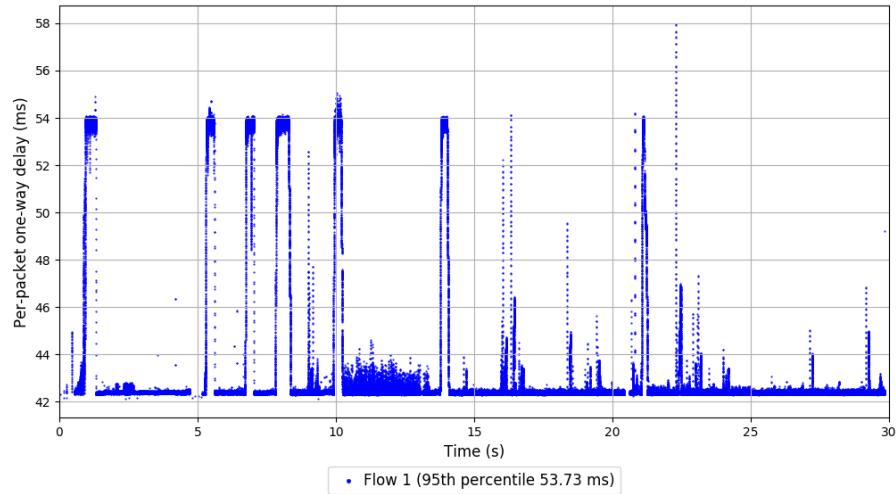
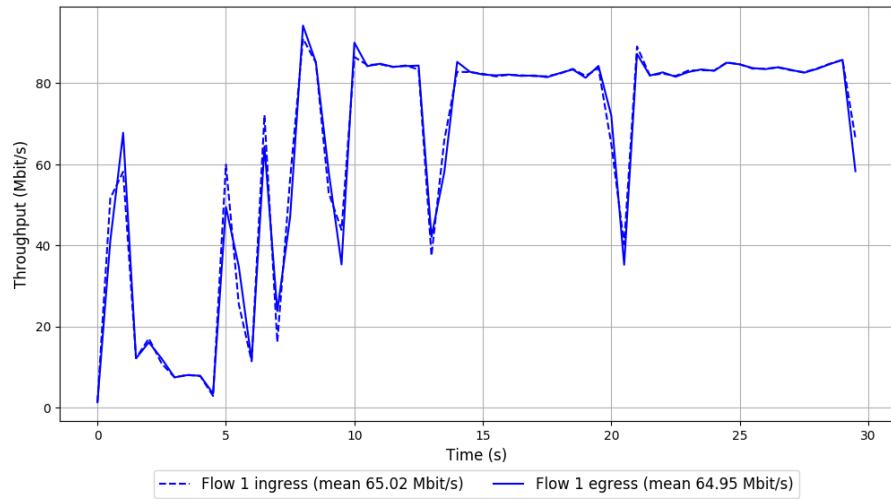


Run 3: Statistics of QUIC Cubic

```
Start at: 2017-08-29 08:17:50
End at: 2017-08-29 08:18:20
Local clock offset: 0.61 ms
Remote clock offset: 0.449 ms

# Below is generated by plot.py at 2017-08-29 14:57:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.95 Mbit/s
95th percentile per-packet one-way delay: 53.729 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 64.95 Mbit/s
95th percentile per-packet one-way delay: 53.729 ms
Loss rate: 0.40%
```

Run 3: Report of QUIC Cubic — Data Link

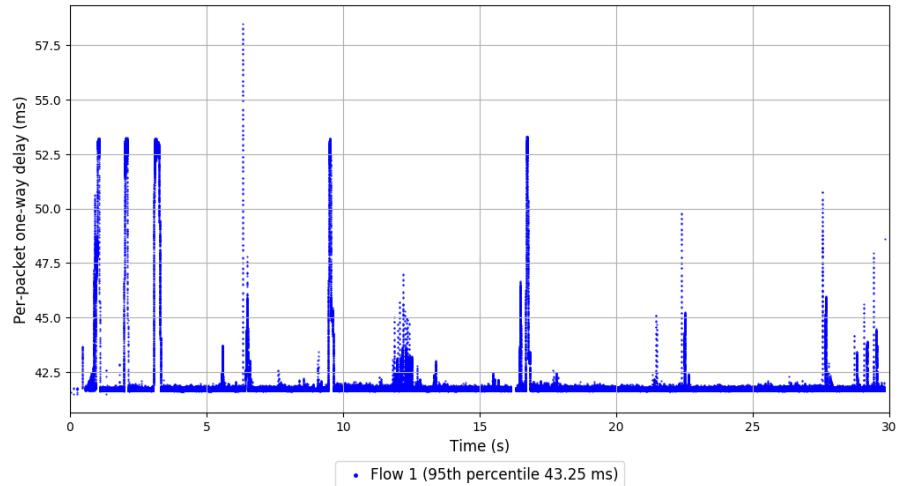
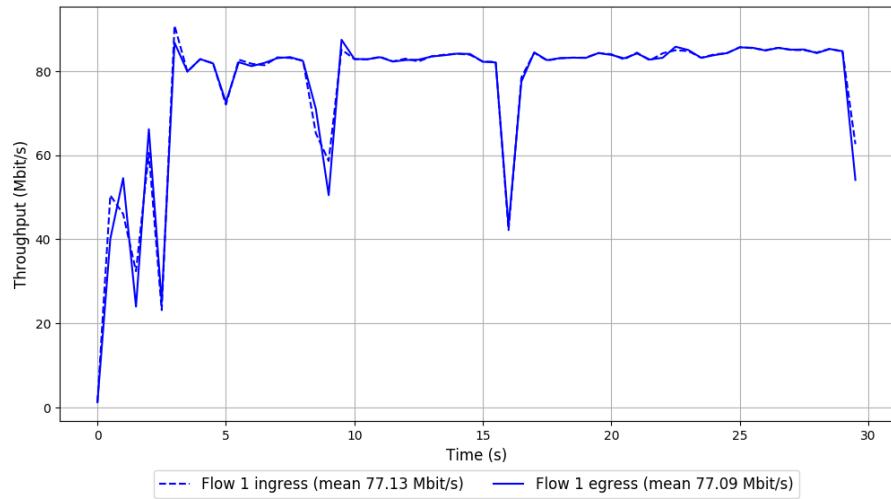


Run 4: Statistics of QUIC Cubic

```
Start at: 2017-08-29 08:38:08
End at: 2017-08-29 08:38:38
Local clock offset: 0.652 ms
Remote clock offset: 0.974 ms

# Below is generated by plot.py at 2017-08-29 14:57:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.09 Mbit/s
95th percentile per-packet one-way delay: 43.254 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 77.09 Mbit/s
95th percentile per-packet one-way delay: 43.254 ms
Loss rate: 0.34%
```

Run 4: Report of QUIC Cubic — Data Link

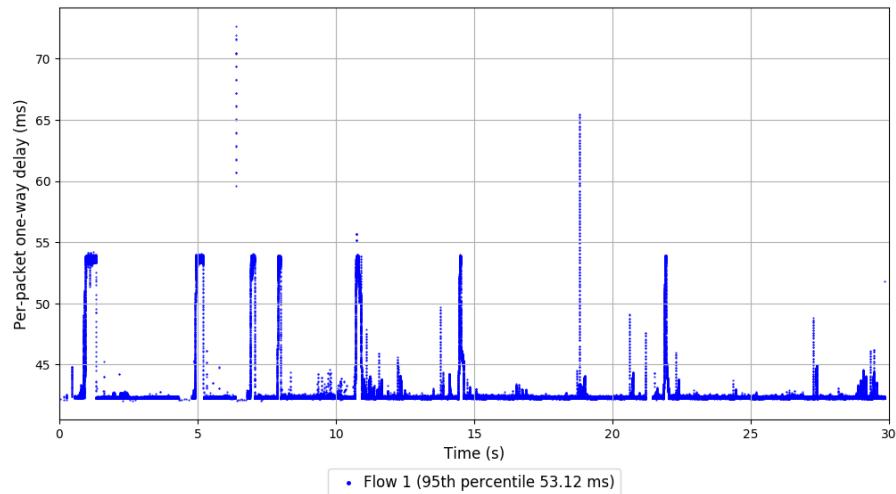
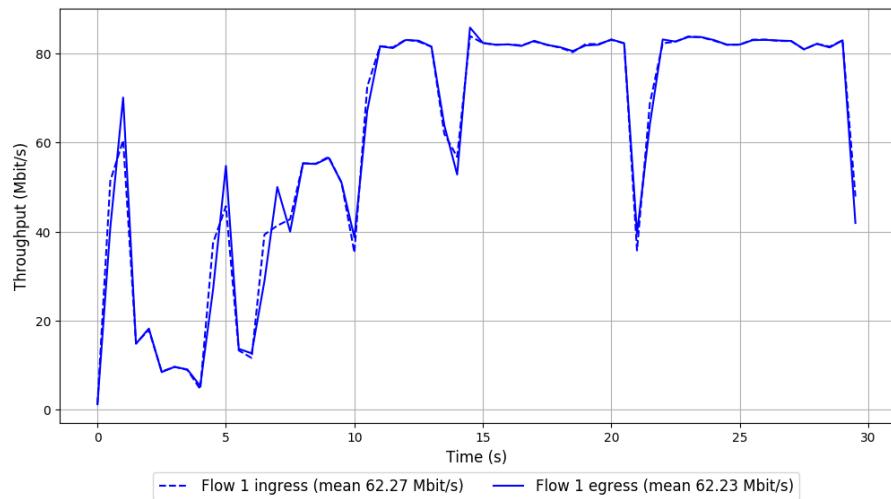


Run 5: Statistics of QUIC Cubic

```
Start at: 2017-08-29 08:58:28
End at: 2017-08-29 08:58:58
Local clock offset: 0.618 ms
Remote clock offset: 1.266 ms

# Below is generated by plot.py at 2017-08-29 14:57:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.23 Mbit/s
95th percentile per-packet one-way delay: 53.115 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 62.23 Mbit/s
95th percentile per-packet one-way delay: 53.115 ms
Loss rate: 0.35%
```

Run 5: Report of QUIC Cubic — Data Link

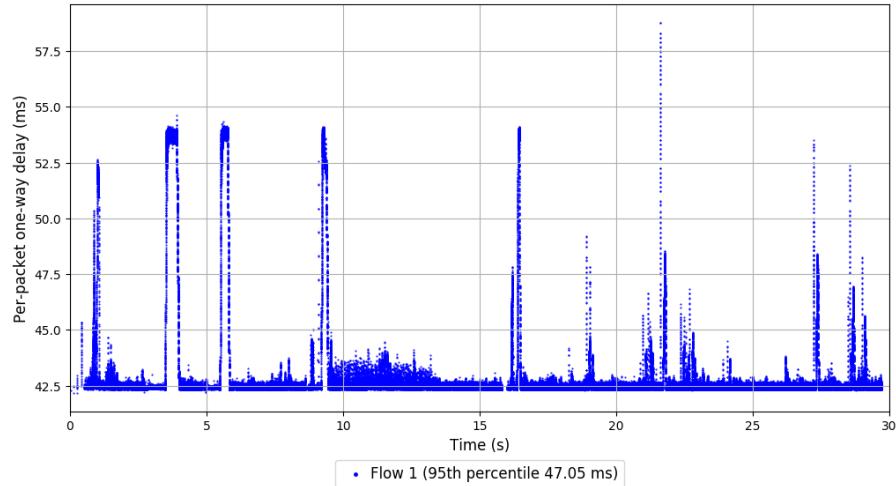
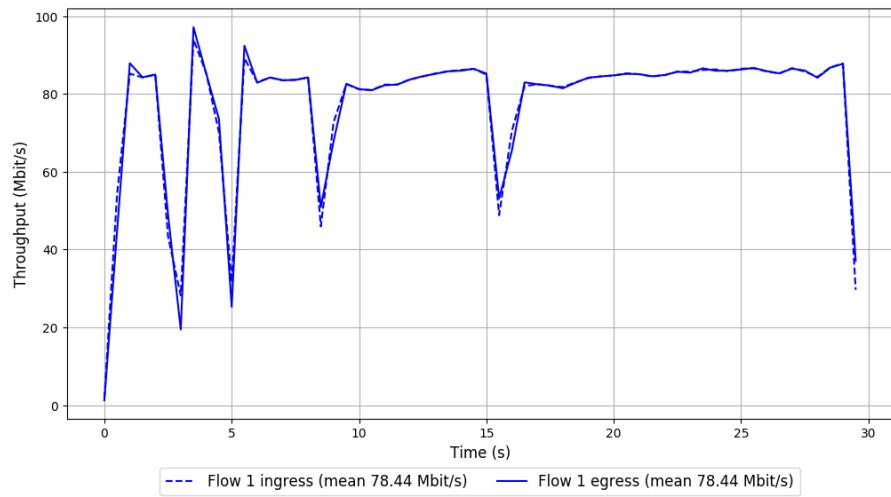


Run 6: Statistics of QUIC Cubic

```
Start at: 2017-08-29 09:18:50
End at: 2017-08-29 09:19:20
Local clock offset: 0.604 ms
Remote clock offset: 0.987 ms

# Below is generated by plot.py at 2017-08-29 14:58:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.44 Mbit/s
95th percentile per-packet one-way delay: 47.051 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 78.44 Mbit/s
95th percentile per-packet one-way delay: 47.051 ms
Loss rate: 0.00%
```

Run 6: Report of QUIC Cubic — Data Link

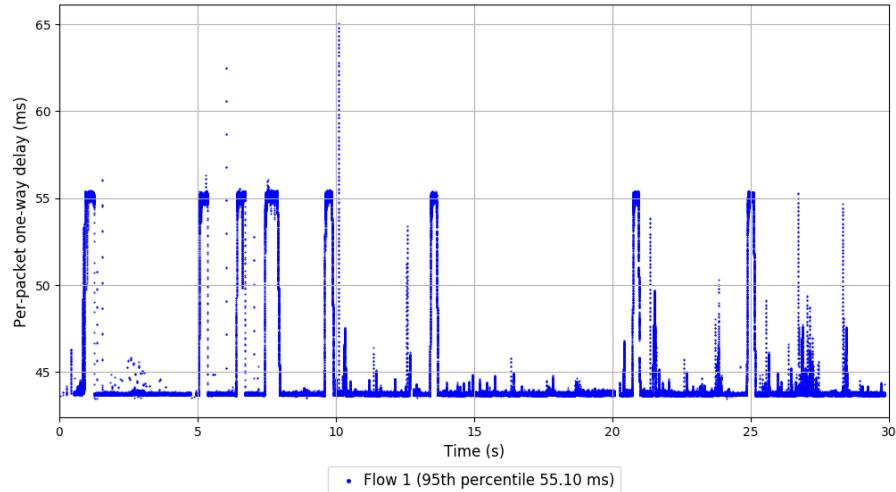
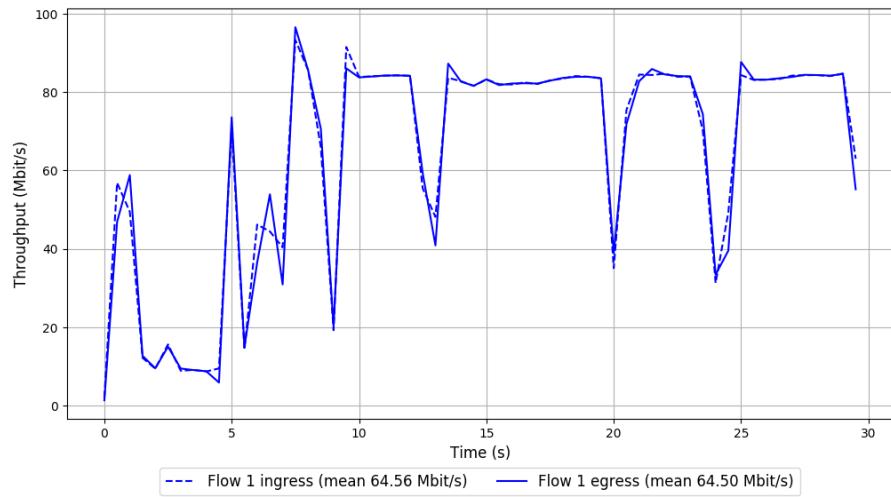


Run 7: Statistics of QUIC Cubic

```
Start at: 2017-08-29 09:39:14
End at: 2017-08-29 09:39:44
Local clock offset: 0.529 ms
Remote clock offset: -1.282 ms

# Below is generated by plot.py at 2017-08-29 14:58:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.50 Mbit/s
95th percentile per-packet one-way delay: 55.098 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 64.50 Mbit/s
95th percentile per-packet one-way delay: 55.098 ms
Loss rate: 0.39%
```

Run 7: Report of QUIC Cubic — Data Link

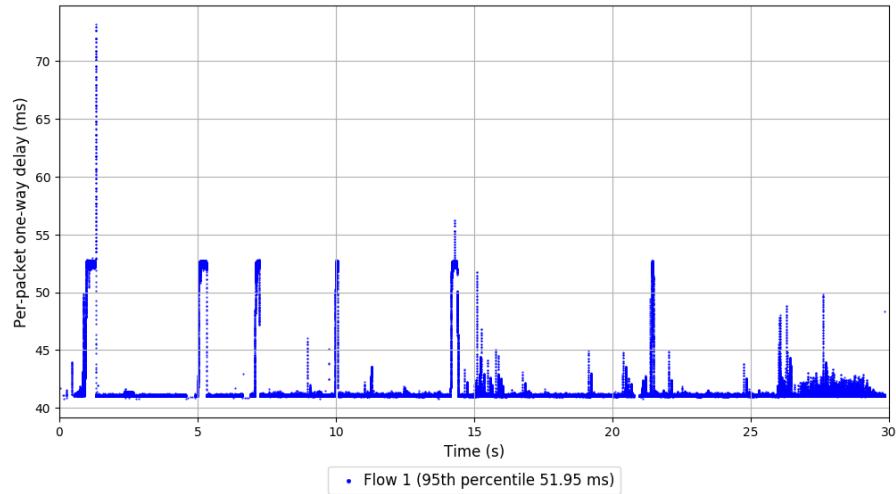
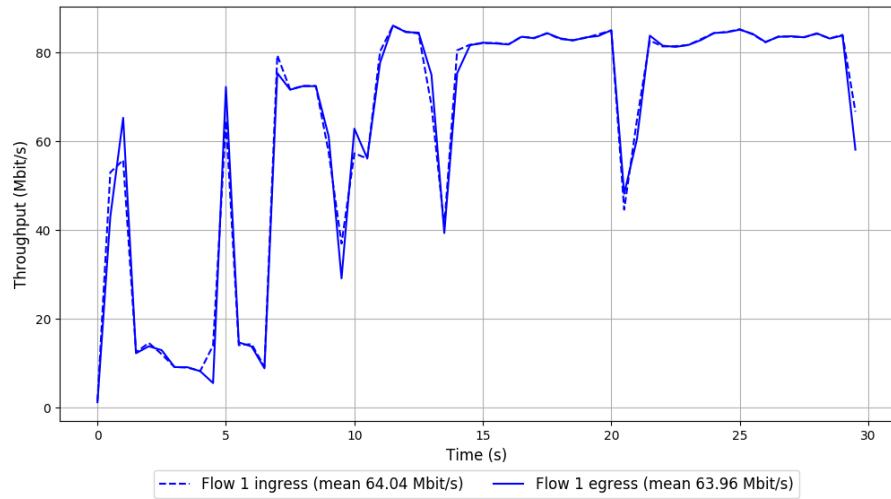


Run 8: Statistics of QUIC Cubic

```
Start at: 2017-08-29 09:59:33
End at: 2017-08-29 10:00:03
Local clock offset: 0.588 ms
Remote clock offset: 1.304 ms

# Below is generated by plot.py at 2017-08-29 14:58:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.96 Mbit/s
95th percentile per-packet one-way delay: 51.950 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 63.96 Mbit/s
95th percentile per-packet one-way delay: 51.950 ms
Loss rate: 0.41%
```

Run 8: Report of QUIC Cubic — Data Link

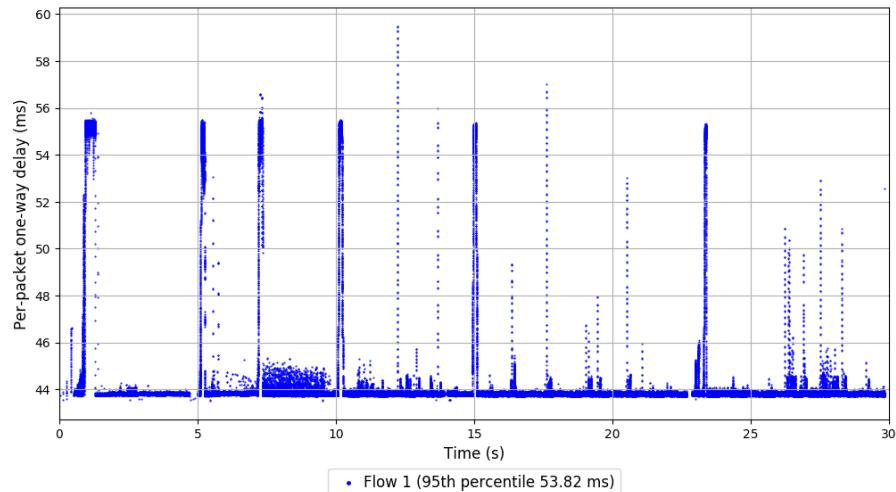
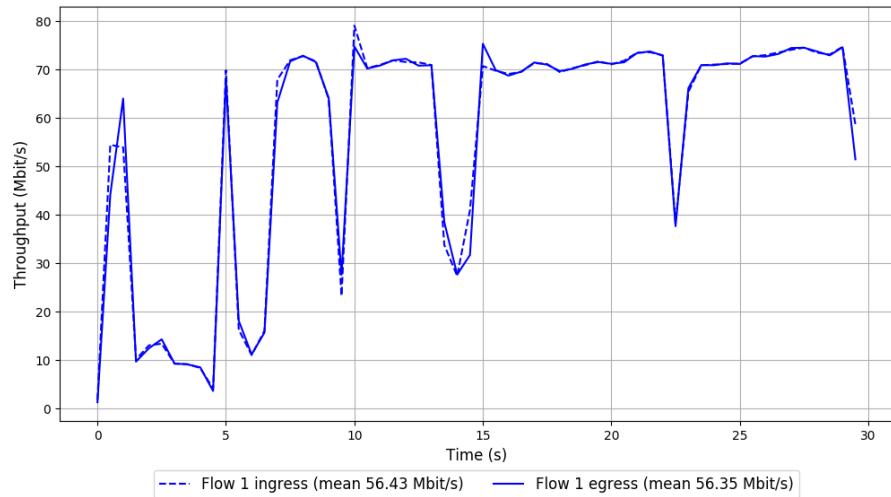


Run 9: Statistics of QUIC Cubic

```
Start at: 2017-08-29 10:19:54
End at: 2017-08-29 10:20:24
Local clock offset: 0.56 ms
Remote clock offset: -1.628 ms

# Below is generated by plot.py at 2017-08-29 14:58:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.35 Mbit/s
95th percentile per-packet one-way delay: 53.816 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 56.35 Mbit/s
95th percentile per-packet one-way delay: 53.816 ms
Loss rate: 0.41%
```

Run 9: Report of QUIC Cubic — Data Link

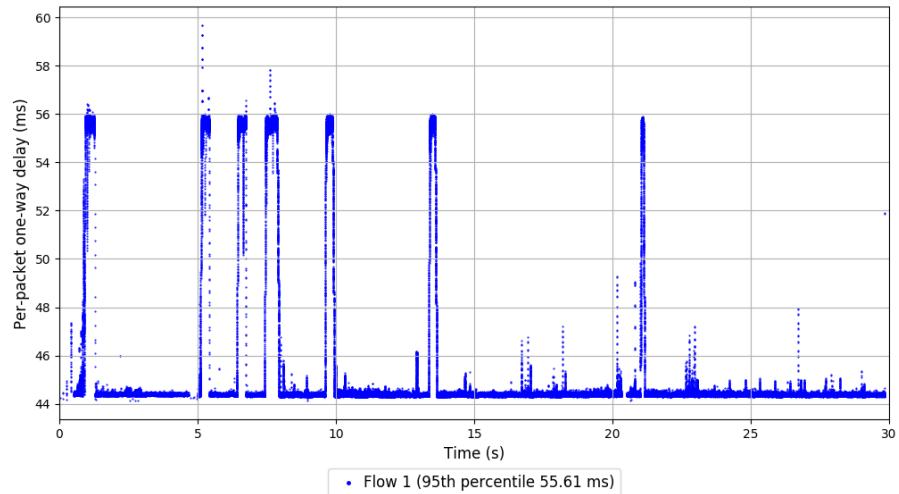
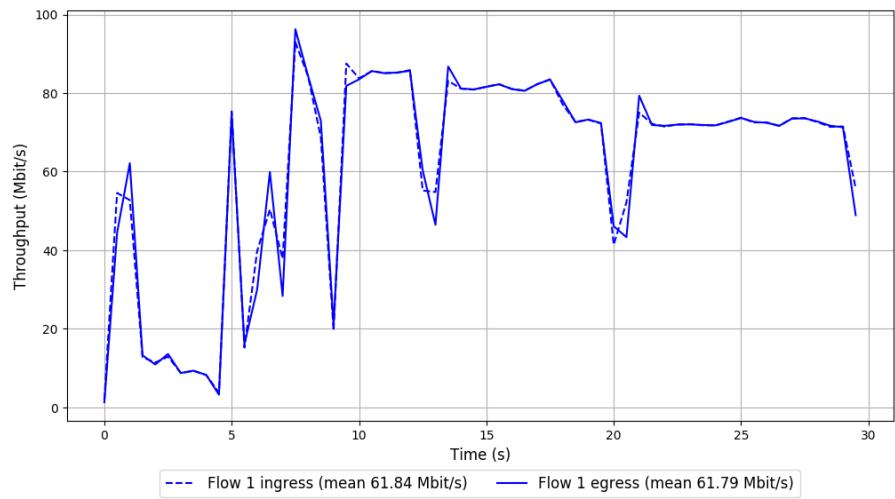


Run 10: Statistics of QUIC Cubic

```
Start at: 2017-08-29 10:40:13
End at: 2017-08-29 10:40:43
Local clock offset: 0.415 ms
Remote clock offset: -1.997 ms

# Below is generated by plot.py at 2017-08-29 14:58:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.79 Mbit/s
95th percentile per-packet one-way delay: 55.613 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 61.79 Mbit/s
95th percentile per-packet one-way delay: 55.613 ms
Loss rate: 0.36%
```

Run 10: Report of QUIC Cubic — Data Link

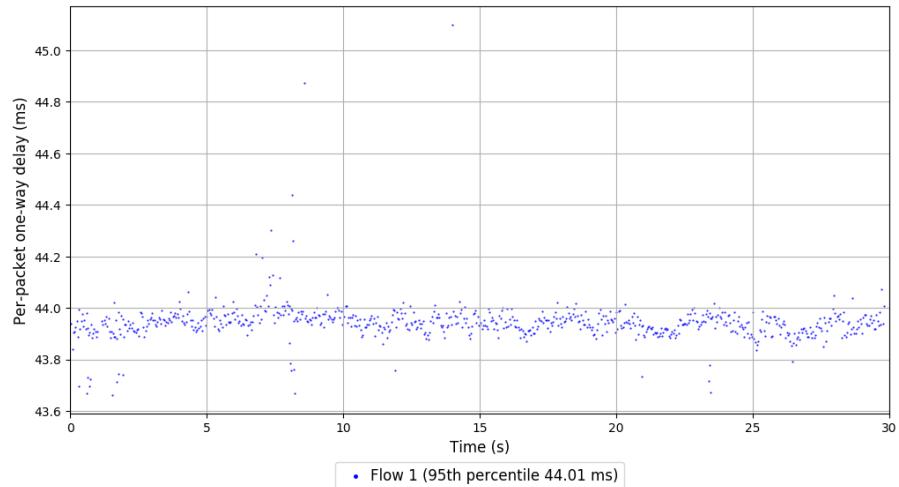
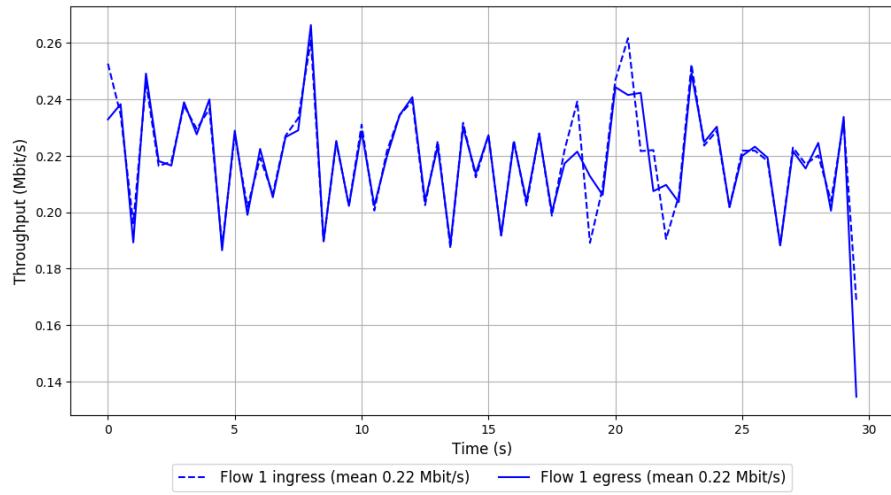


Run 1: Statistics of SCReAM

```
Start at: 2017-08-29 07:54:54
End at: 2017-08-29 07:55:24
Local clock offset: 0.668 ms
Remote clock offset: -2.353 ms

# Below is generated by plot.py at 2017-08-29 14:58:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 44.006 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 44.006 ms
Loss rate: 0.38%
```

Run 1: Report of SCReAM — Data Link

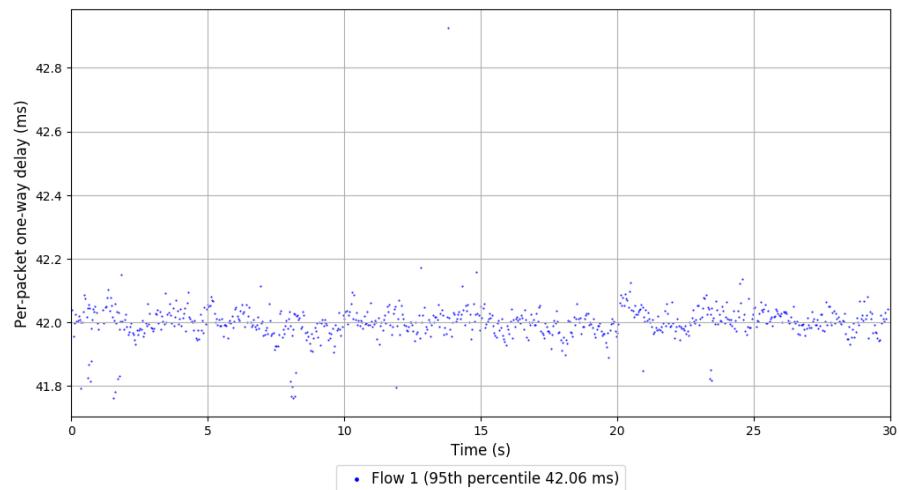
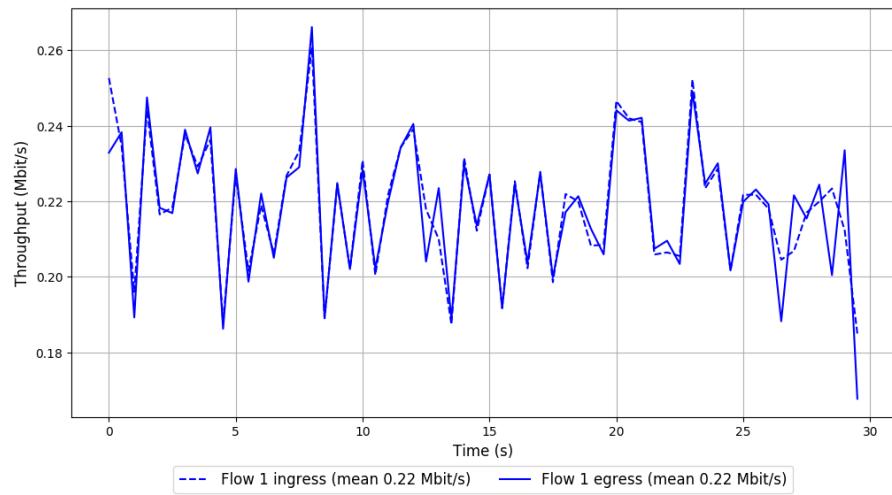


Run 2: Statistics of SCReAM

```
Start at: 2017-08-29 08:15:16
End at: 2017-08-29 08:15:46
Local clock offset: 0.62 ms
Remote clock offset: 0.849 ms

# Below is generated by plot.py at 2017-08-29 14:58:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 42.064 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 42.064 ms
Loss rate: 0.26%
```

Run 2: Report of SCReAM — Data Link

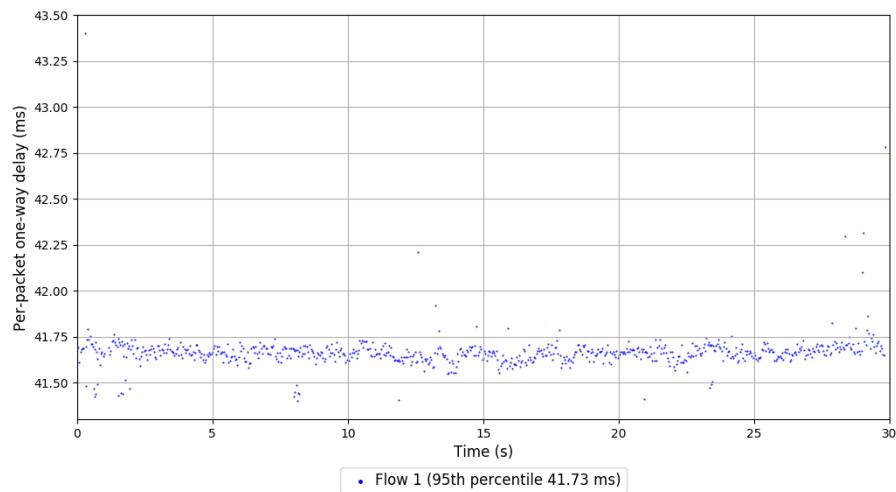
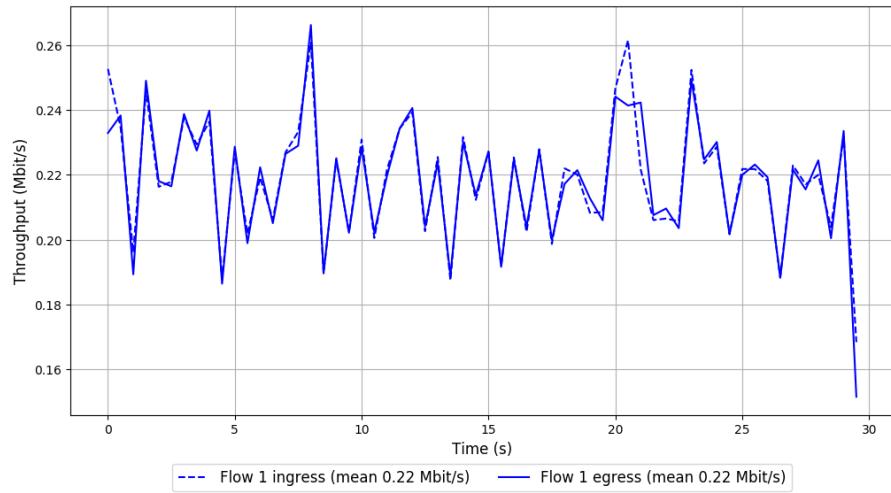


Run 3: Statistics of SCReAM

```
Start at: 2017-08-29 08:35:33
End at: 2017-08-29 08:36:03
Local clock offset: 0.566 ms
Remote clock offset: 0.876 ms

# Below is generated by plot.py at 2017-08-29 14:58:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 41.729 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 41.729 ms
Loss rate: 0.25%
```

Run 3: Report of SCReAM — Data Link

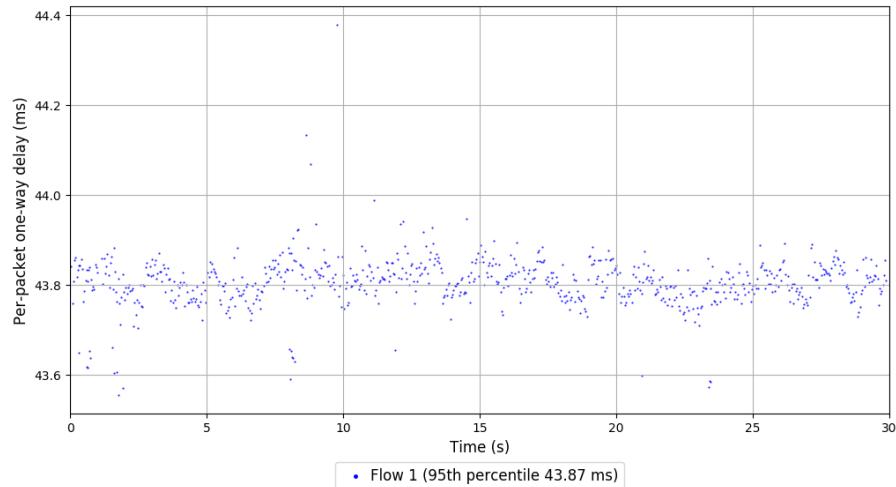
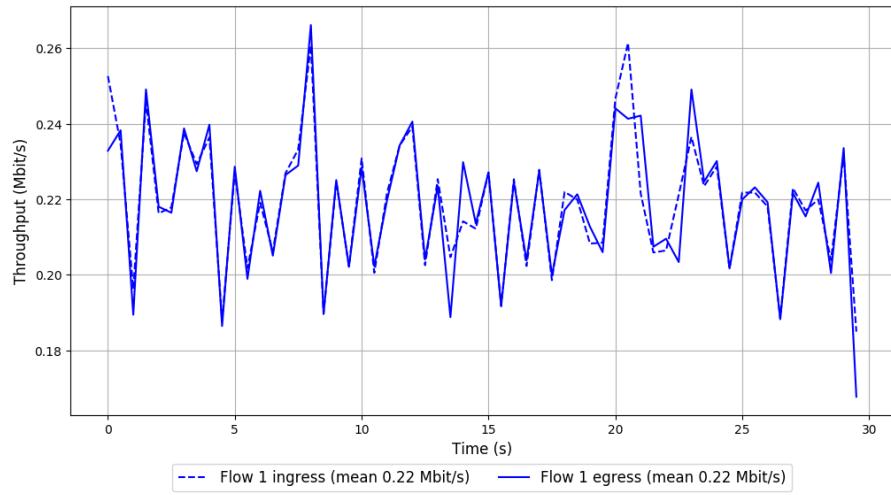


Run 4: Statistics of SCReAM

```
Start at: 2017-08-29 08:55:53
End at: 2017-08-29 08:56:23
Local clock offset: 0.626 ms
Remote clock offset: -0.921 ms

# Below is generated by plot.py at 2017-08-29 14:58:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 43.873 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 43.873 ms
Loss rate: 0.26%
```

Run 4: Report of SCReAM — Data Link

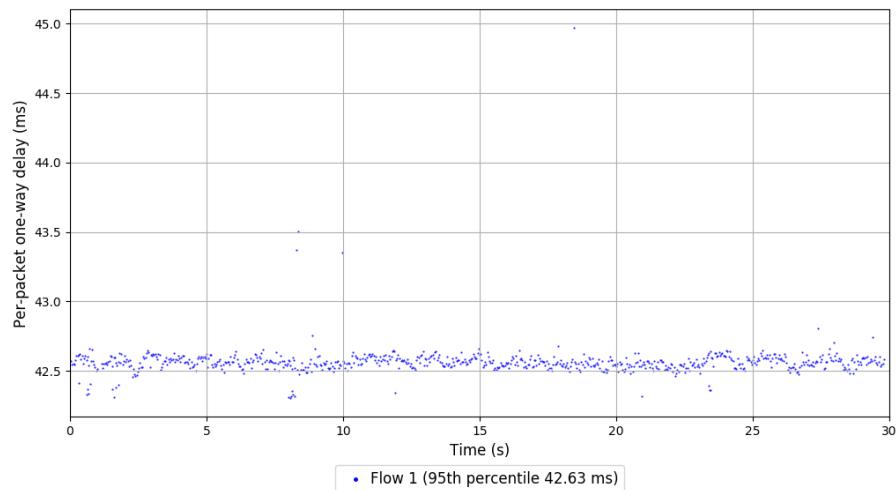
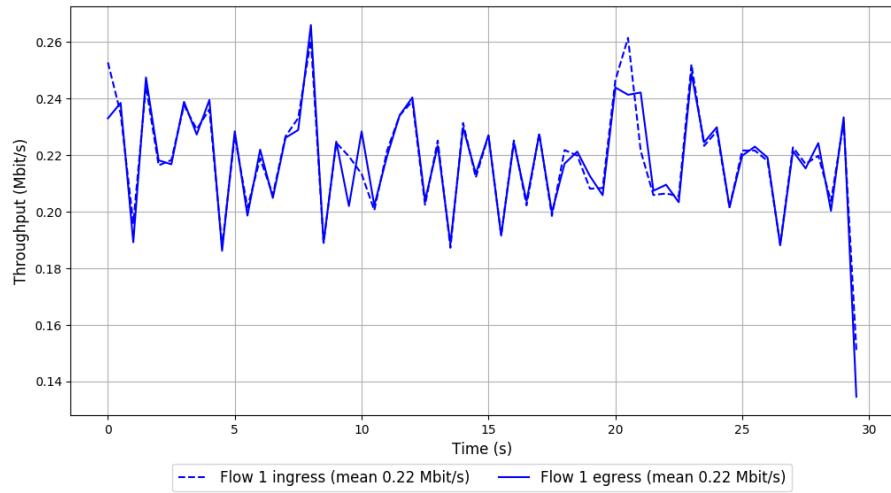


Run 5: Statistics of SCReAM

```
Start at: 2017-08-29 09:16:16
End at: 2017-08-29 09:16:46
Local clock offset: 0.667 ms
Remote clock offset: 1.026 ms

# Below is generated by plot.py at 2017-08-29 14:58:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 42.630 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 42.630 ms
Loss rate: 0.25%
```

Run 5: Report of SCReAM — Data Link

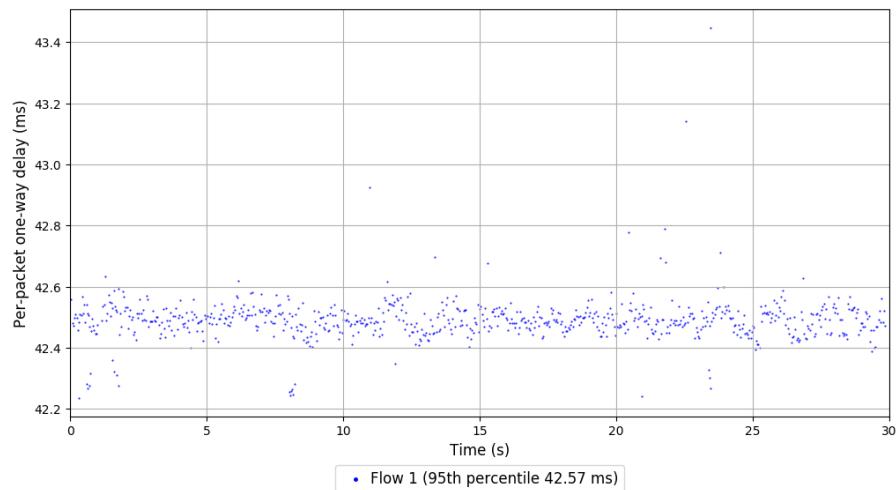
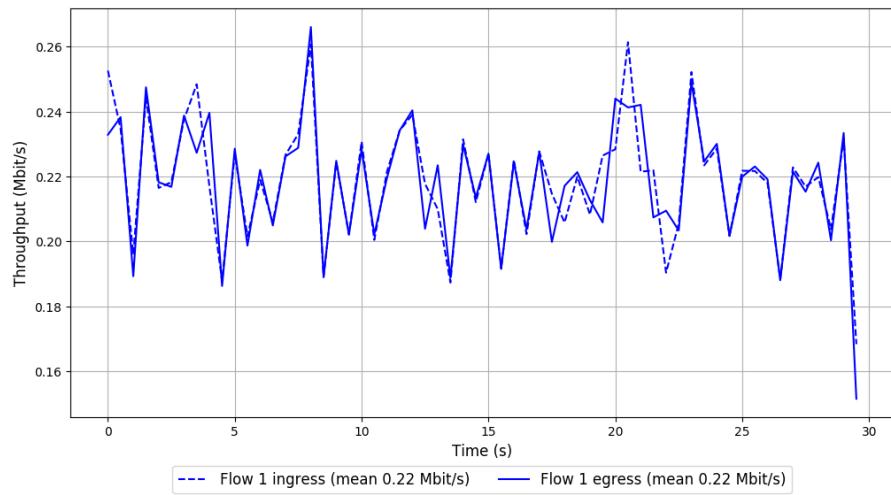


Run 6: Statistics of SCReAM

```
Start at: 2017-08-29 09:36:39
End at: 2017-08-29 09:37:09
Local clock offset: 0.578 ms
Remote clock offset: 0.858 ms

# Below is generated by plot.py at 2017-08-29 14:58:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 42.566 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 42.566 ms
Loss rate: 0.25%
```

Run 6: Report of SCReAM — Data Link

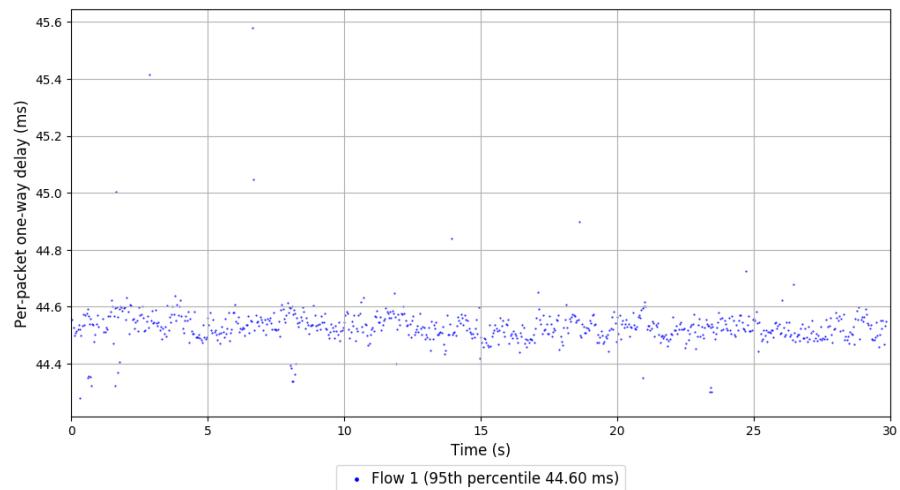
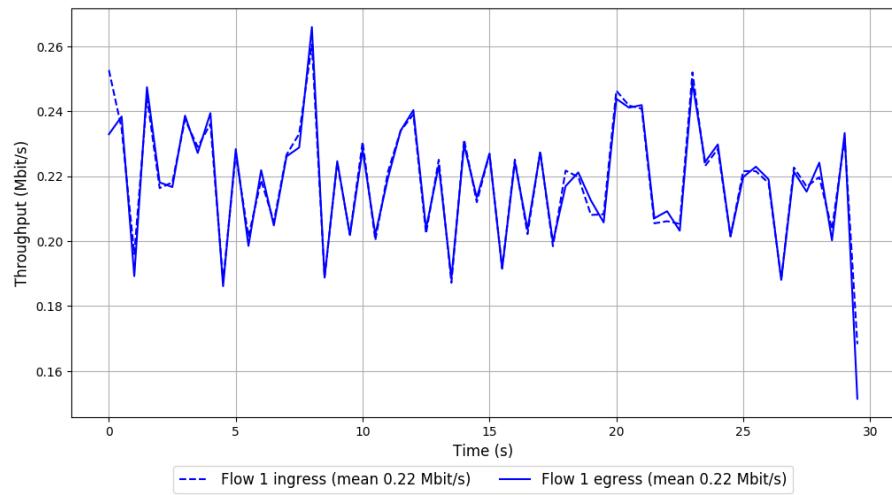


Run 7: Statistics of SCReAM

```
Start at: 2017-08-29 09:56:59
End at: 2017-08-29 09:57:29
Local clock offset: 0.516 ms
Remote clock offset: -1.351 ms

# Below is generated by plot.py at 2017-08-29 14:58:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 44.598 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 44.598 ms
Loss rate: 0.25%
```

Run 7: Report of SCReAM — Data Link

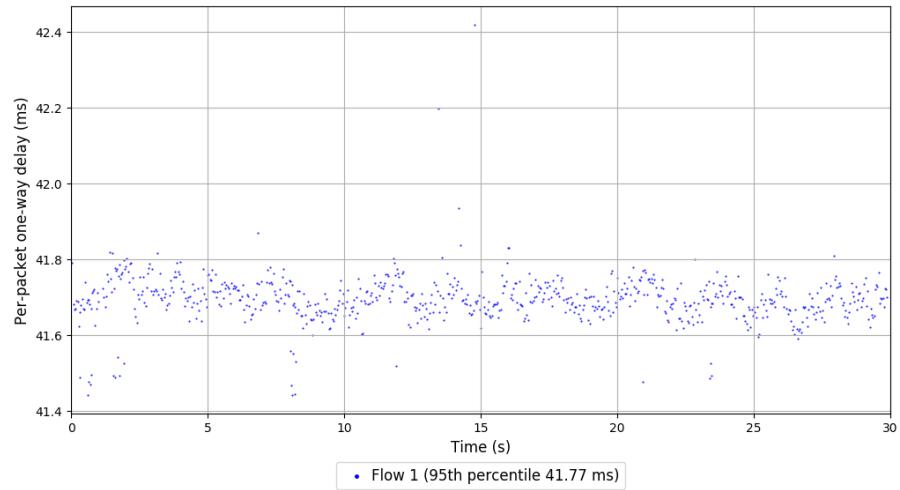
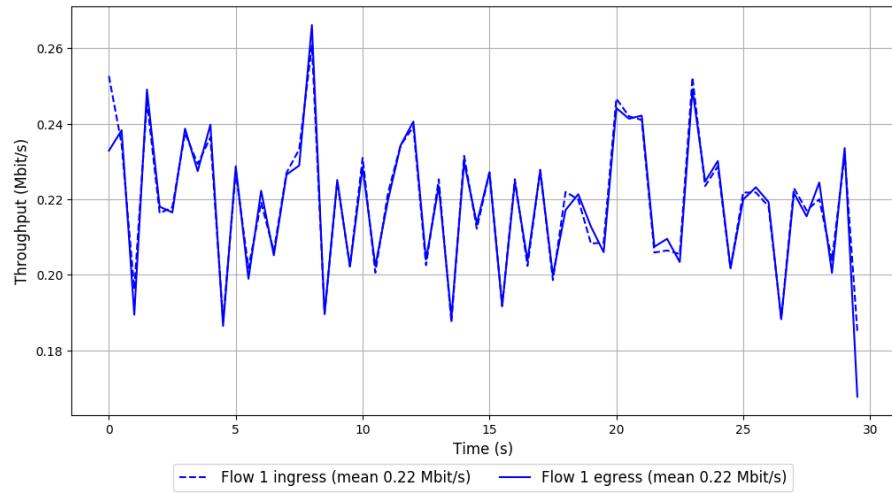


Run 8: Statistics of SCReAM

```
Start at: 2017-08-29 10:17:19
End at: 2017-08-29 10:17:49
Local clock offset: 0.587 ms
Remote clock offset: 0.538 ms

# Below is generated by plot.py at 2017-08-29 14:58:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 41.771 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 41.771 ms
Loss rate: 0.26%
```

Run 8: Report of SCReAM — Data Link

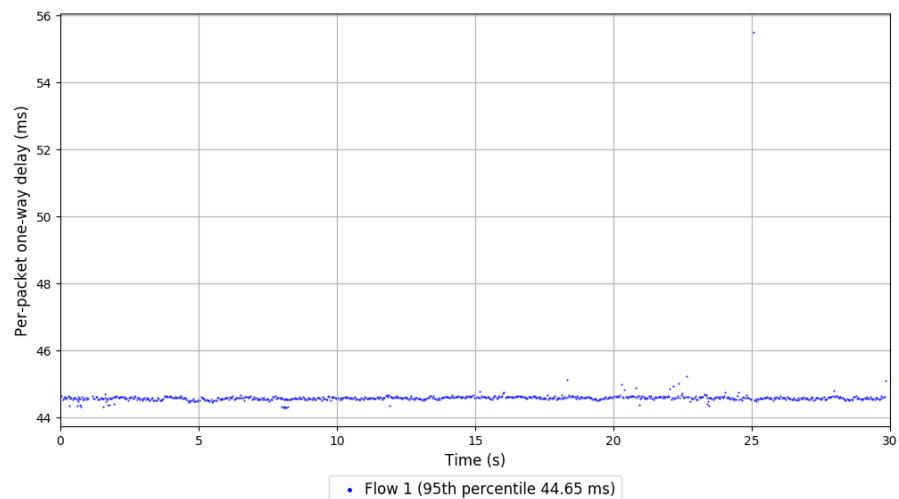
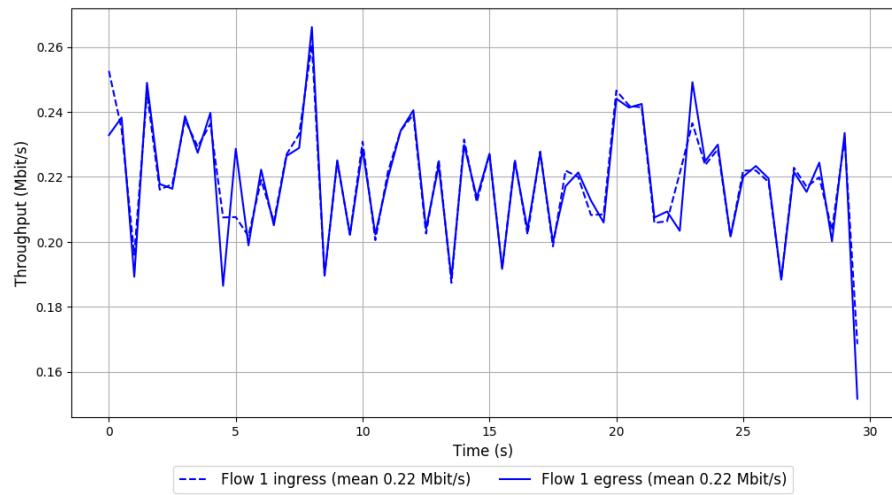


Run 9: Statistics of SCReAM

```
Start at: 2017-08-29 10:37:38
End at: 2017-08-29 10:38:08
Local clock offset: 0.498 ms
Remote clock offset: -1.987 ms

# Below is generated by plot.py at 2017-08-29 14:58:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 44.654 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 44.654 ms
Loss rate: 0.25%
```

Run 9: Report of SCReAM — Data Link

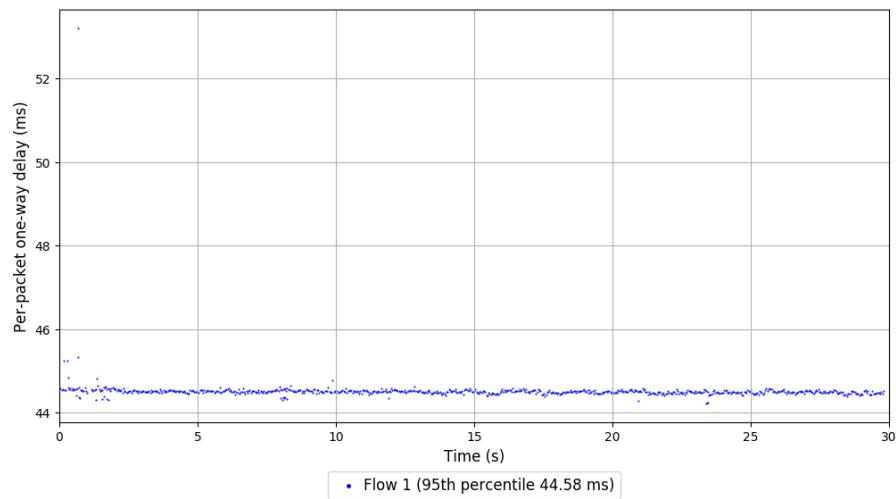
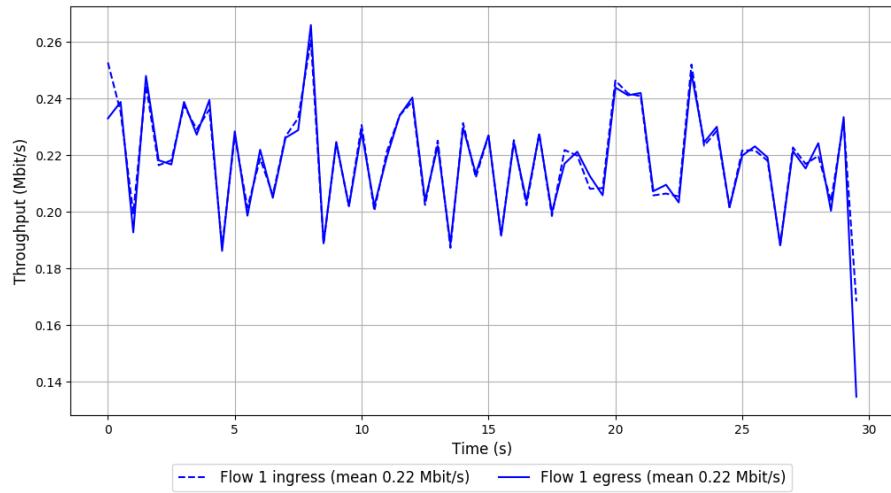


Run 10: Statistics of SCReAM

```
Start at: 2017-08-29 10:58:00
End at: 2017-08-29 10:58:30
Local clock offset: 0.424 ms
Remote clock offset: -2.325 ms

# Below is generated by plot.py at 2017-08-29 14:58:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 44.579 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 44.579 ms
Loss rate: 0.38%
```

Run 10: Report of SCReAM — Data Link

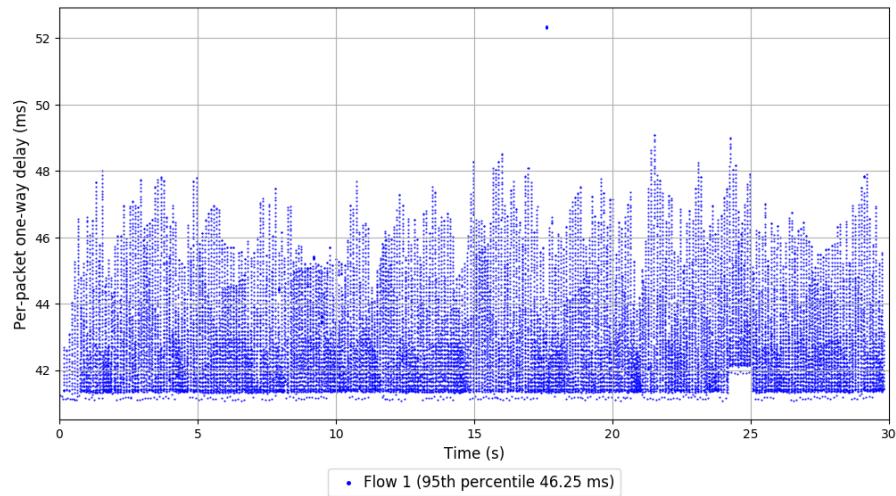
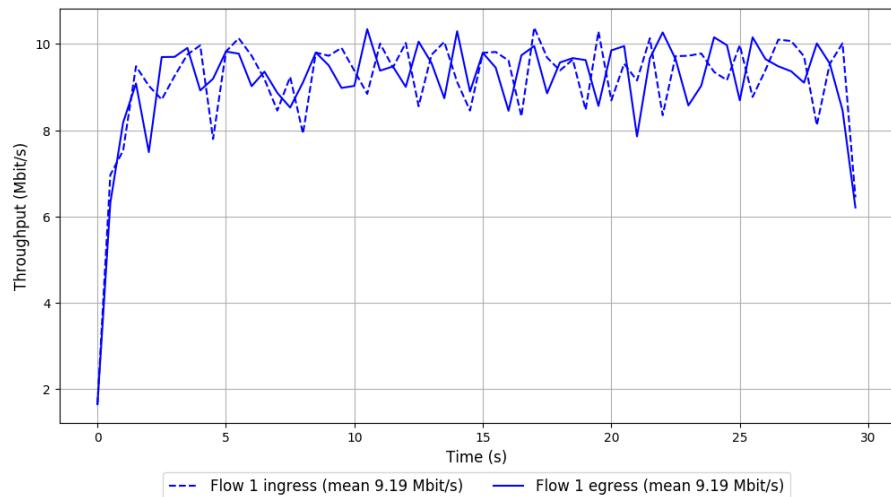


Run 1: Statistics of Sprout

```
Start at: 2017-08-29 07:56:11
End at: 2017-08-29 07:56:41
Local clock offset: 0.767 ms
Remote clock offset: 0.358 ms

# Below is generated by plot.py at 2017-08-29 14:58:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.19 Mbit/s
95th percentile per-packet one-way delay: 46.249 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 9.19 Mbit/s
95th percentile per-packet one-way delay: 46.249 ms
Loss rate: 0.33%
```

Run 1: Report of Sprout — Data Link

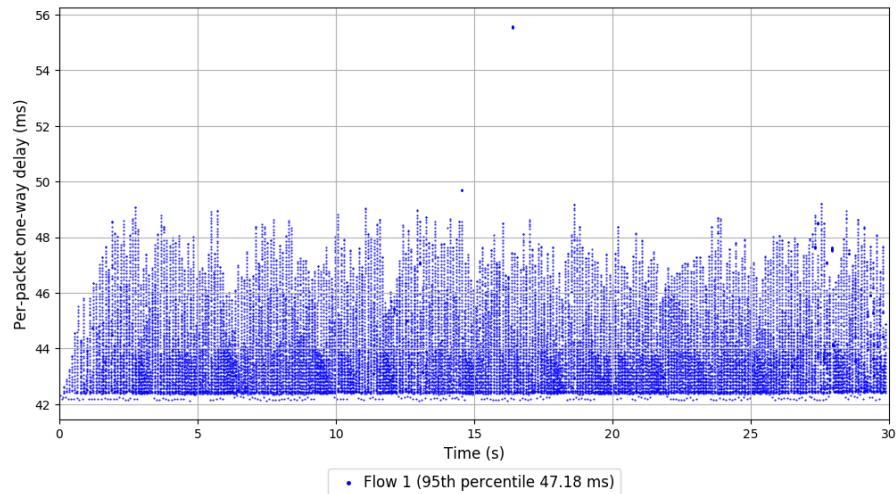
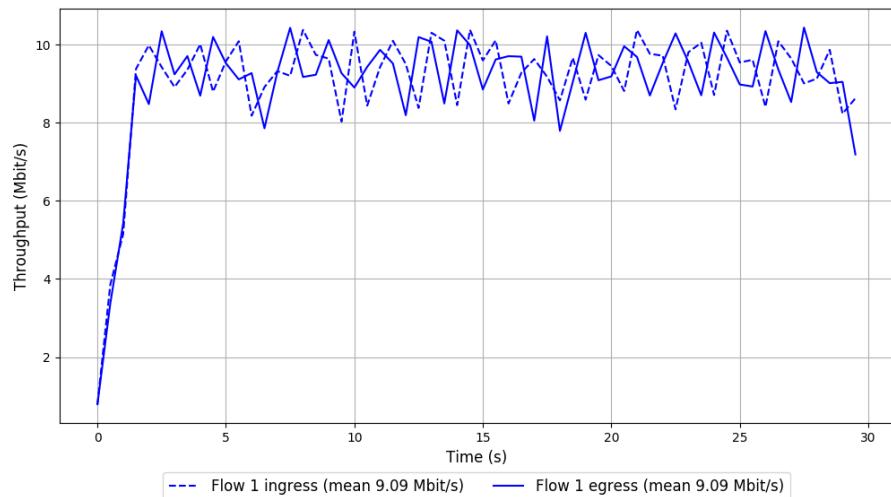


Run 2: Statistics of Sprout

```
Start at: 2017-08-29 08:16:33
End at: 2017-08-29 08:17:03
Local clock offset: 0.602 ms
Remote clock offset: 0.427 ms

# Below is generated by plot.py at 2017-08-29 14:58:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.09 Mbit/s
95th percentile per-packet one-way delay: 47.184 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 9.09 Mbit/s
95th percentile per-packet one-way delay: 47.184 ms
Loss rate: 0.32%
```

Run 2: Report of Sprout — Data Link

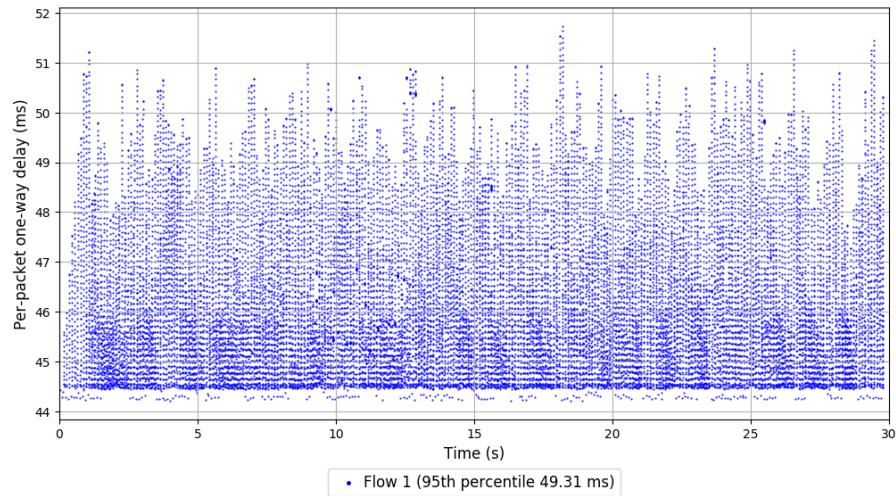
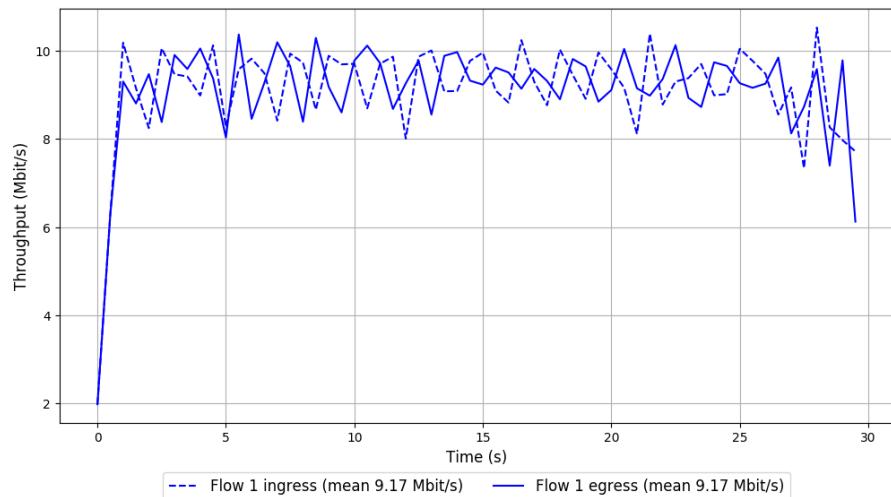


Run 3: Statistics of Sprout

```
Start at: 2017-08-29 08:36:50
End at: 2017-08-29 08:37:20
Local clock offset: 0.665 ms
Remote clock offset: -1.137 ms

# Below is generated by plot.py at 2017-08-29 14:58:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.17 Mbit/s
95th percentile per-packet one-way delay: 49.308 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 9.17 Mbit/s
95th percentile per-packet one-way delay: 49.308 ms
Loss rate: 0.29%
```

Run 3: Report of Sprout — Data Link

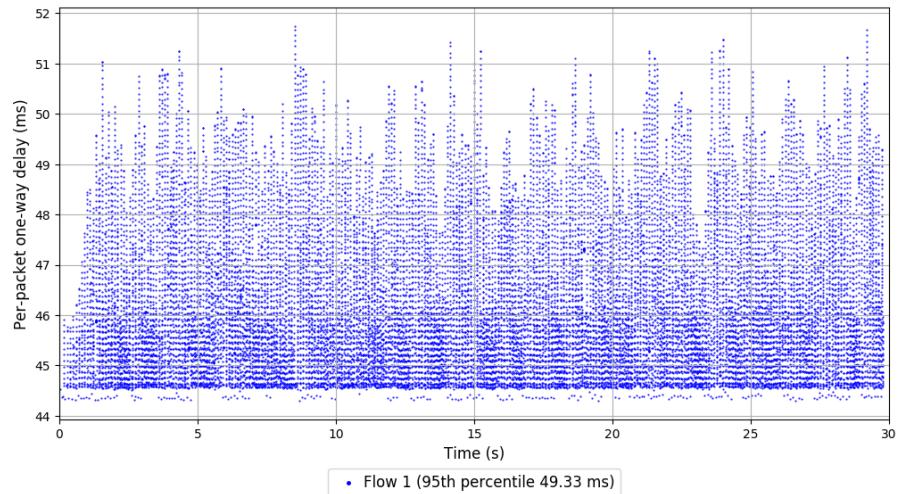
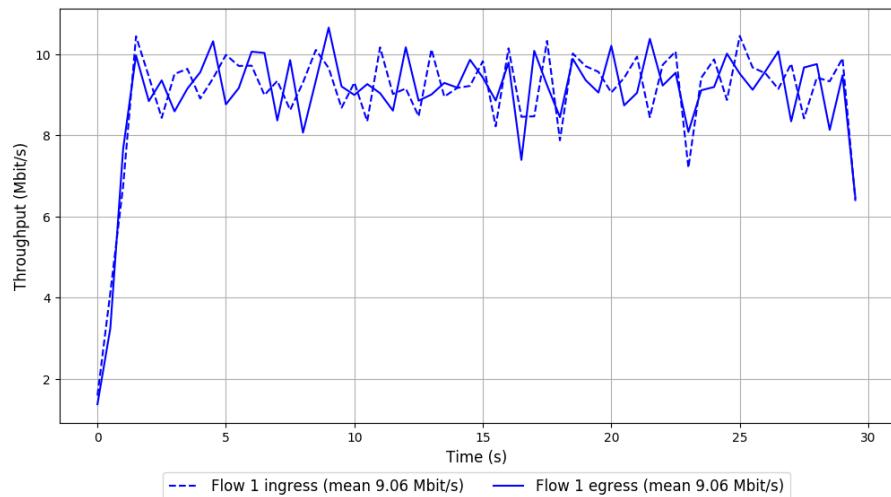


Run 4: Statistics of Sprout

```
Start at: 2017-08-29 08:57:10
End at: 2017-08-29 08:57:40
Local clock offset: 0.691 ms
Remote clock offset: -0.842 ms

# Below is generated by plot.py at 2017-08-29 14:58:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.06 Mbit/s
95th percentile per-packet one-way delay: 49.328 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 9.06 Mbit/s
95th percentile per-packet one-way delay: 49.328 ms
Loss rate: 0.35%
```

Run 4: Report of Sprout — Data Link

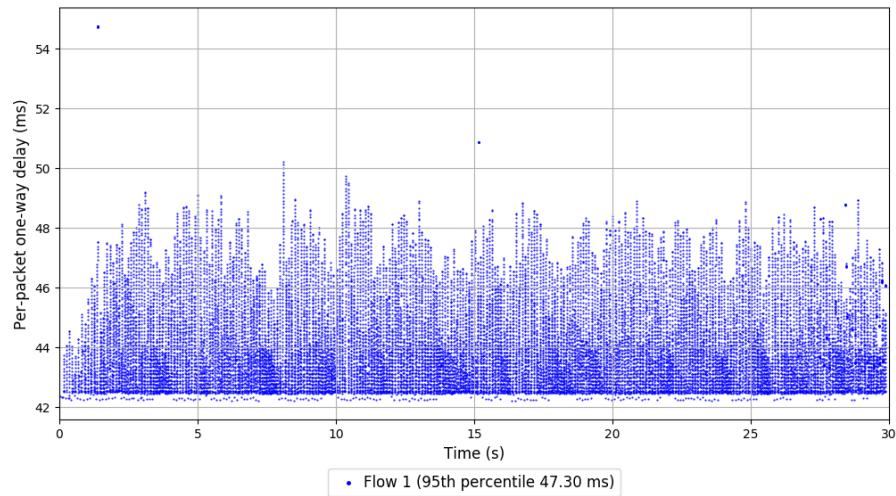
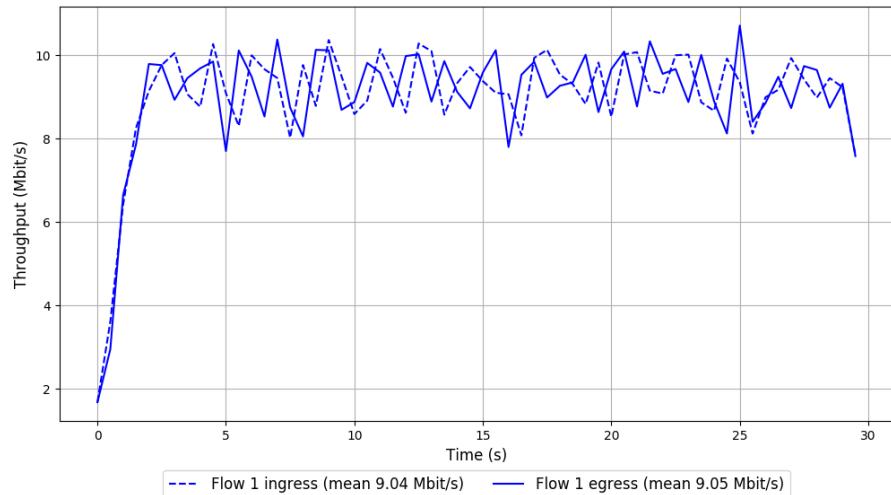


Run 5: Statistics of Sprout

```
Start at: 2017-08-29 09:17:33
End at: 2017-08-29 09:18:03
Local clock offset: 0.693 ms
Remote clock offset: 1.112 ms

# Below is generated by plot.py at 2017-08-29 14:58:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.05 Mbit/s
95th percentile per-packet one-way delay: 47.295 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 9.05 Mbit/s
95th percentile per-packet one-way delay: 47.295 ms
Loss rate: 0.18%
```

Run 5: Report of Sprout — Data Link

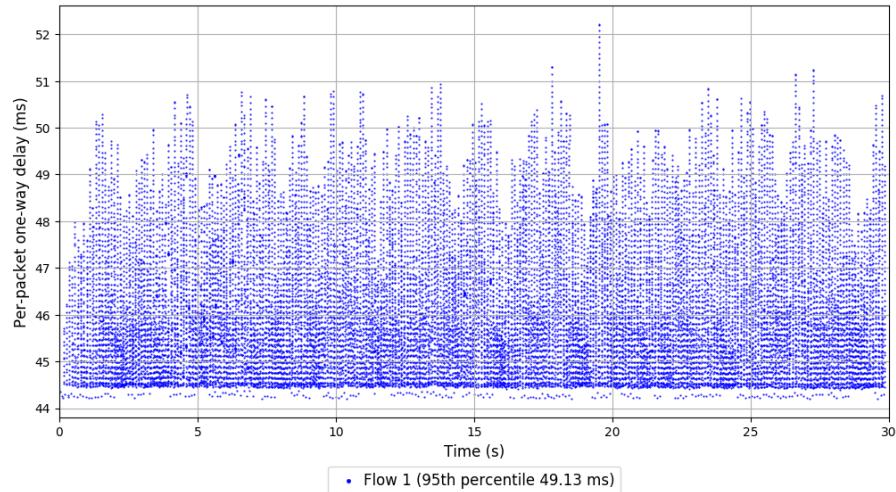
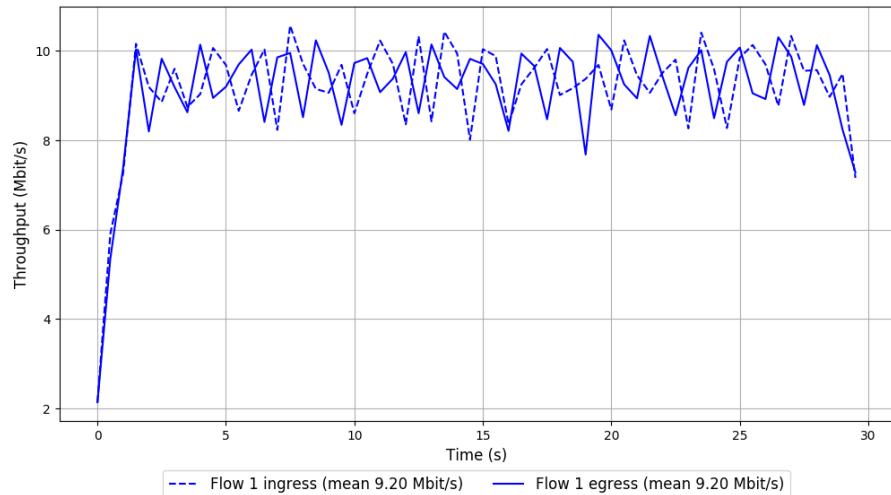


Run 6: Statistics of Sprout

```
Start at: 2017-08-29 09:37:56
End at: 2017-08-29 09:38:26
Local clock offset: 0.573 ms
Remote clock offset: -1.146 ms

# Below is generated by plot.py at 2017-08-29 14:58:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.20 Mbit/s
95th percentile per-packet one-way delay: 49.126 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 9.20 Mbit/s
95th percentile per-packet one-way delay: 49.126 ms
Loss rate: 0.30%
```

Run 6: Report of Sprout — Data Link

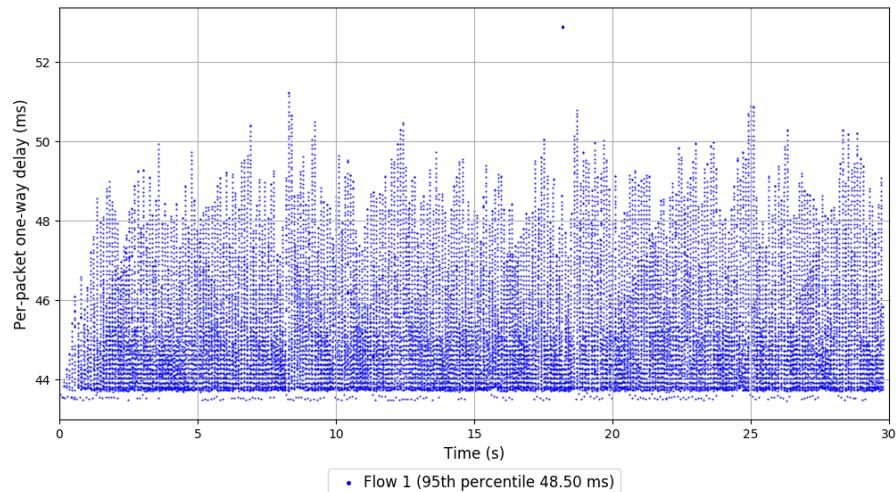
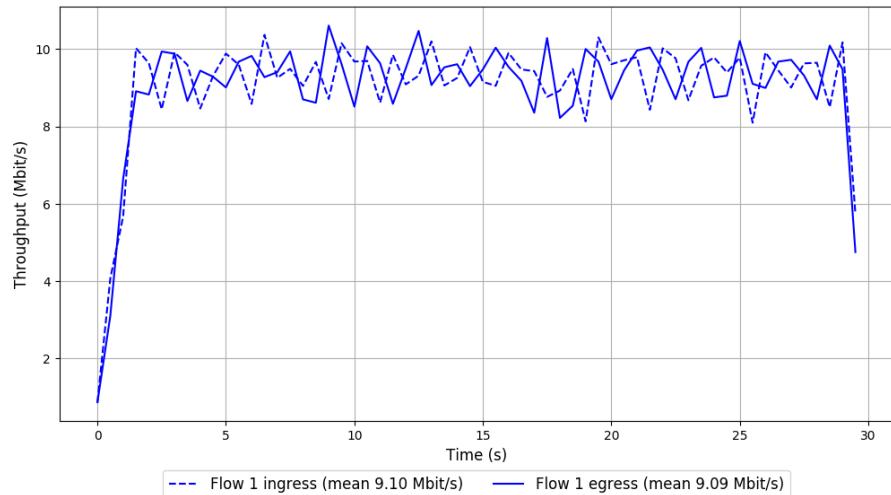


Run 7: Statistics of Sprout

```
Start at: 2017-08-29 09:58:16
End at: 2017-08-29 09:58:46
Local clock offset: 0.506 ms
Remote clock offset: -1.341 ms

# Below is generated by plot.py at 2017-08-29 14:58:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.09 Mbit/s
95th percentile per-packet one-way delay: 48.499 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 9.09 Mbit/s
95th percentile per-packet one-way delay: 48.499 ms
Loss rate: 0.31%
```

Run 7: Report of Sprout — Data Link

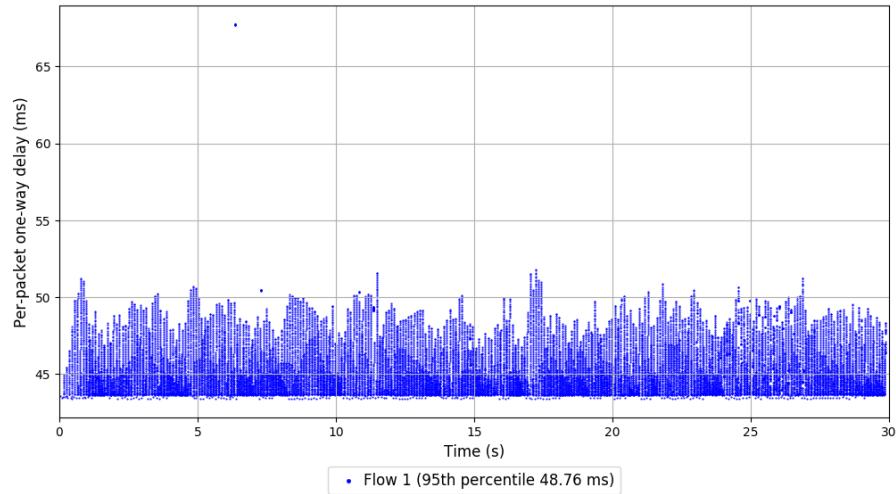
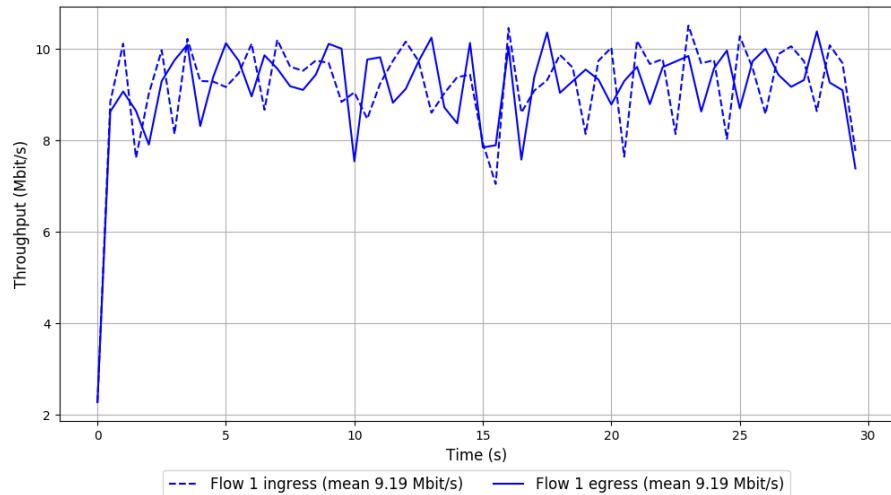


Run 8: Statistics of Sprout

```
Start at: 2017-08-29 10:18:36
End at: 2017-08-29 10:19:06
Local clock offset: 0.488 ms
Remote clock offset: -1.54 ms

# Below is generated by plot.py at 2017-08-29 14:58:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.19 Mbit/s
95th percentile per-packet one-way delay: 48.763 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 9.19 Mbit/s
95th percentile per-packet one-way delay: 48.763 ms
Loss rate: 0.33%
```

Run 8: Report of Sprout — Data Link

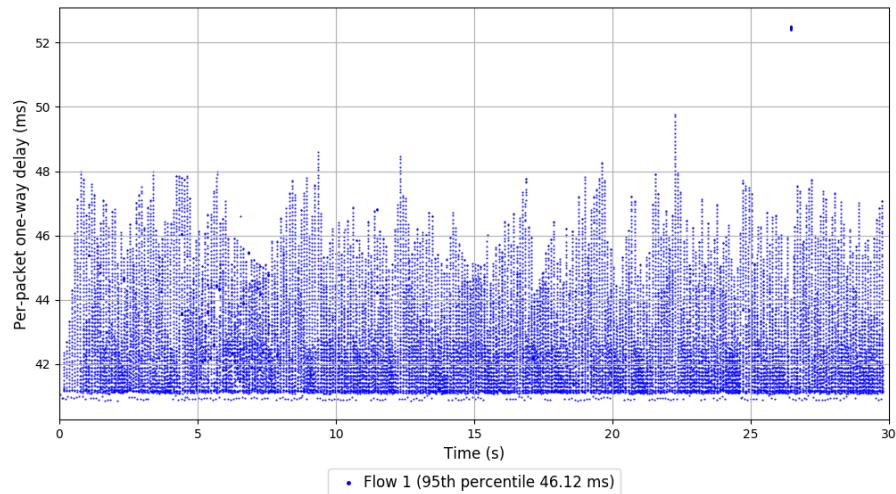
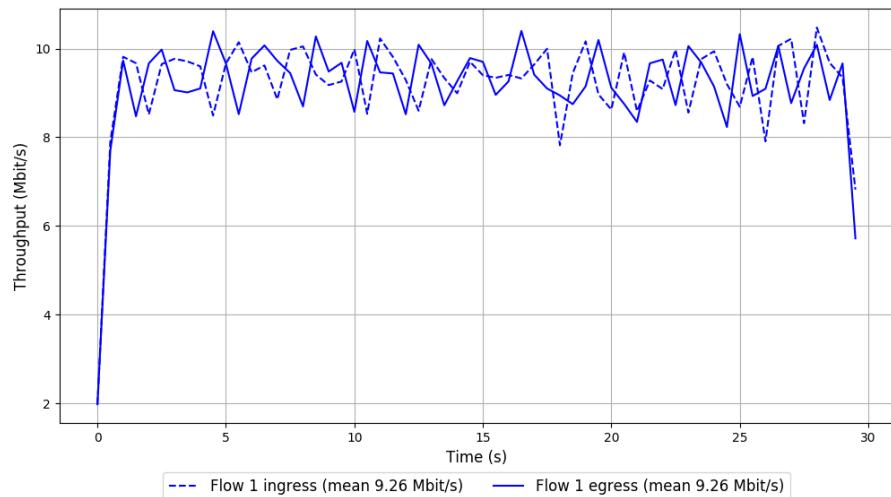


Run 9: Statistics of Sprout

```
Start at: 2017-08-29 10:38:55
End at: 2017-08-29 10:39:25
Local clock offset: 0.397 ms
Remote clock offset: 0.55 ms

# Below is generated by plot.py at 2017-08-29 14:58:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.26 Mbit/s
95th percentile per-packet one-way delay: 46.117 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 9.26 Mbit/s
95th percentile per-packet one-way delay: 46.117 ms
Loss rate: 0.40%
```

Run 9: Report of Sprout — Data Link

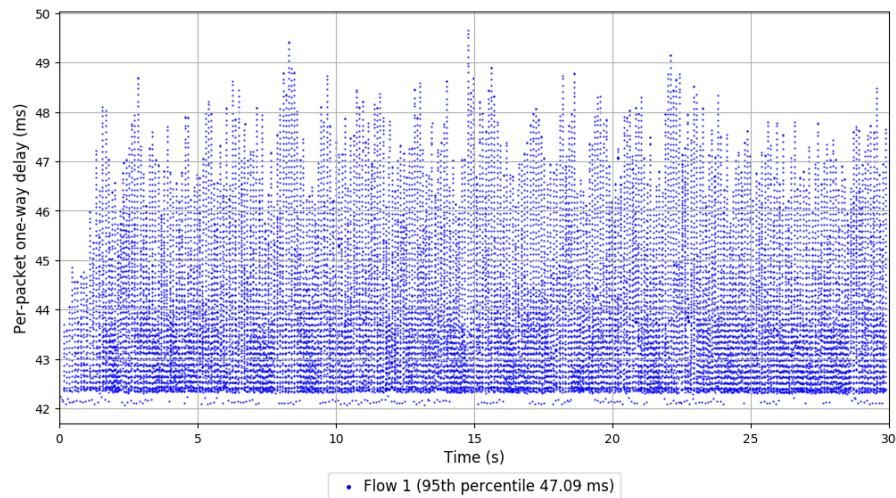
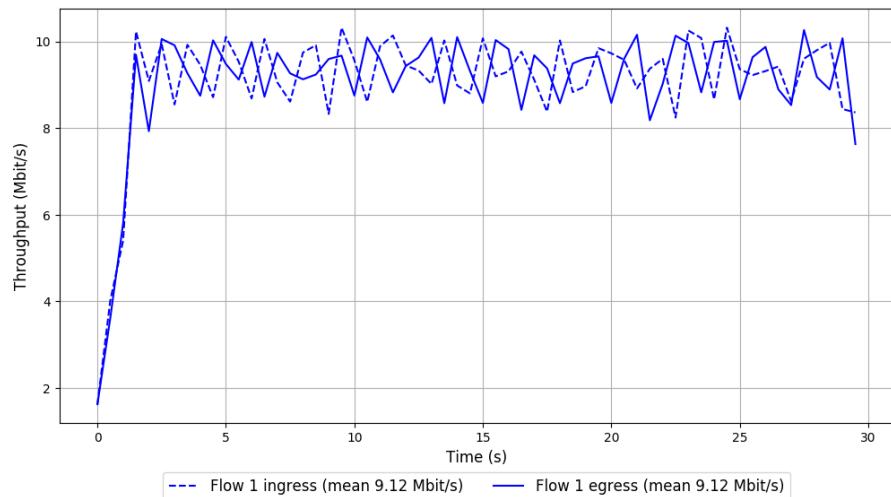


Run 10: Statistics of Sprout

```
Start at: 2017-08-29 10:59:17
End at: 2017-08-29 10:59:47
Local clock offset: 0.4 ms
Remote clock offset: -0.254 ms

# Below is generated by plot.py at 2017-08-29 14:58:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.12 Mbit/s
95th percentile per-packet one-way delay: 47.085 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 9.12 Mbit/s
95th percentile per-packet one-way delay: 47.085 ms
Loss rate: 0.20%
```

Run 10: Report of Sprout — Data Link

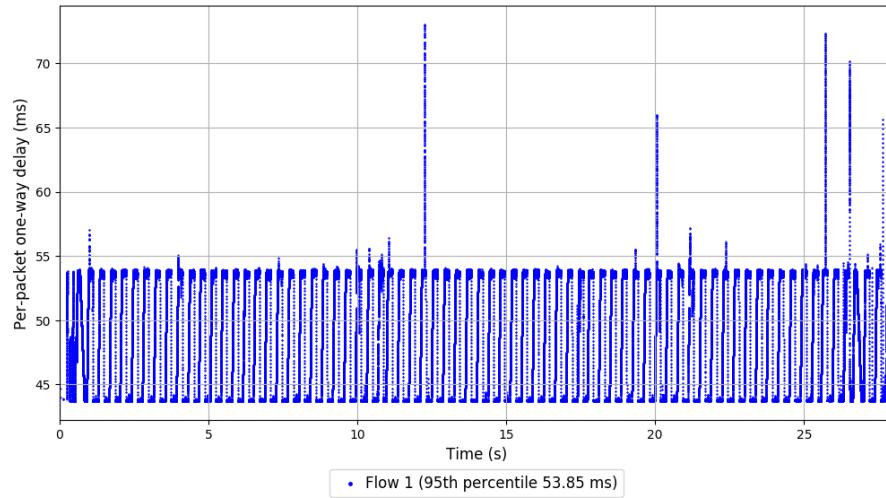
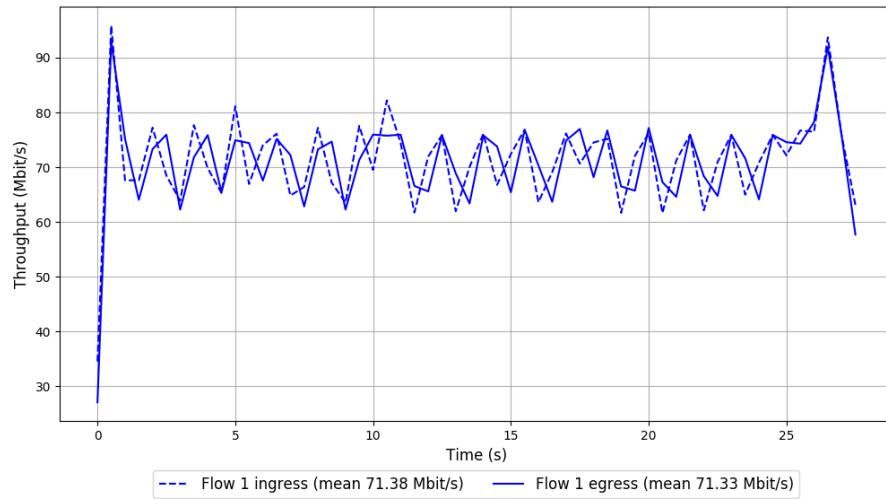


Run 1: Statistics of TaoVA-100x

```
Start at: 2017-08-29 07:45:17
End at: 2017-08-29 07:45:47
Local clock offset: 0.683 ms
Remote clock offset: -2.605 ms

# Below is generated by plot.py at 2017-08-29 14:58:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.33 Mbit/s
95th percentile per-packet one-way delay: 53.847 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 71.33 Mbit/s
95th percentile per-packet one-way delay: 53.847 ms
Loss rate: 0.39%
```

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

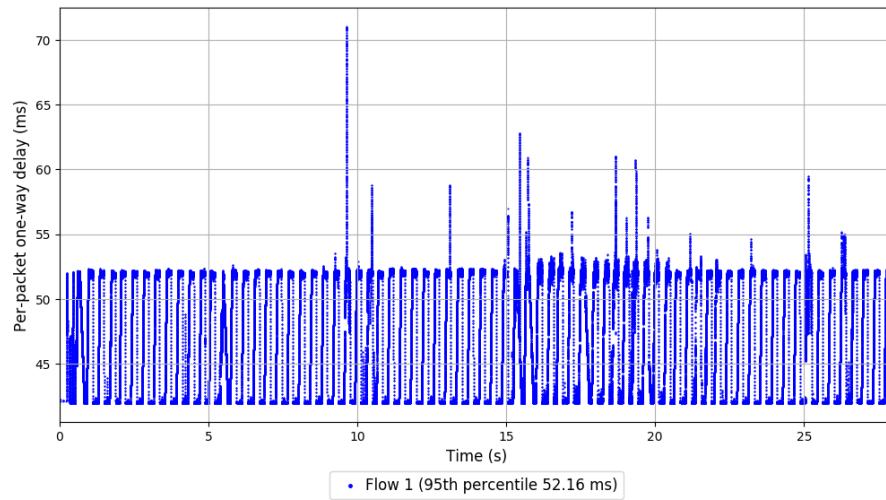
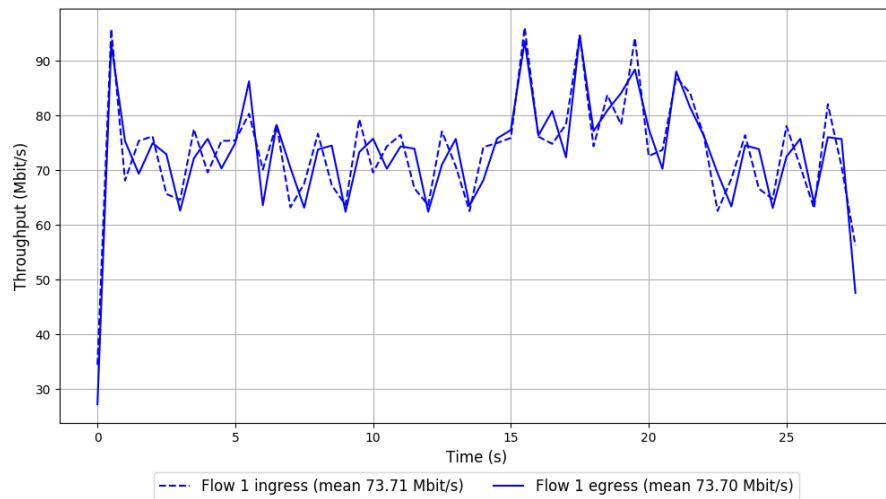


Run 2: Statistics of TaoVA-100x

```
Start at: 2017-08-29 08:05:42
End at: 2017-08-29 08:06:12
Local clock offset: 0.714 ms
Remote clock offset: 0.636 ms

# Below is generated by plot.py at 2017-08-29 14:58:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.70 Mbit/s
95th percentile per-packet one-way delay: 52.161 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 73.70 Mbit/s
95th percentile per-packet one-way delay: 52.161 ms
Loss rate: 0.33%
```

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

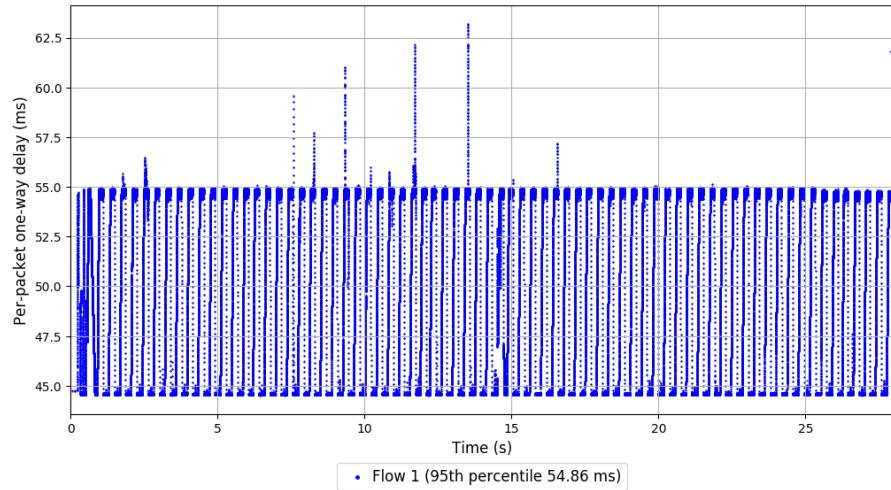
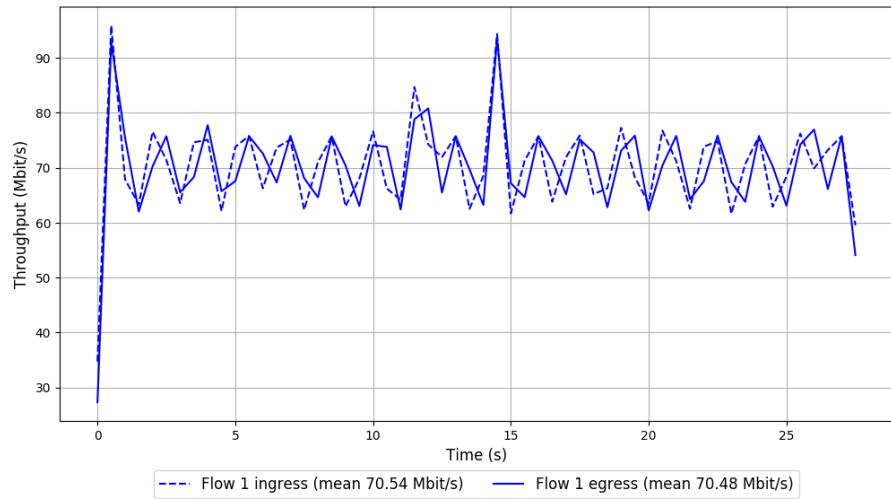


Run 3: Statistics of TaoVA-100x

```
Start at: 2017-08-29 08:26:02
End at: 2017-08-29 08:26:32
Local clock offset: 0.658 ms
Remote clock offset: -1.495 ms

# Below is generated by plot.py at 2017-08-29 14:59:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.48 Mbit/s
95th percentile per-packet one-way delay: 54.856 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 70.48 Mbit/s
95th percentile per-packet one-way delay: 54.856 ms
Loss rate: 0.40%
```

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

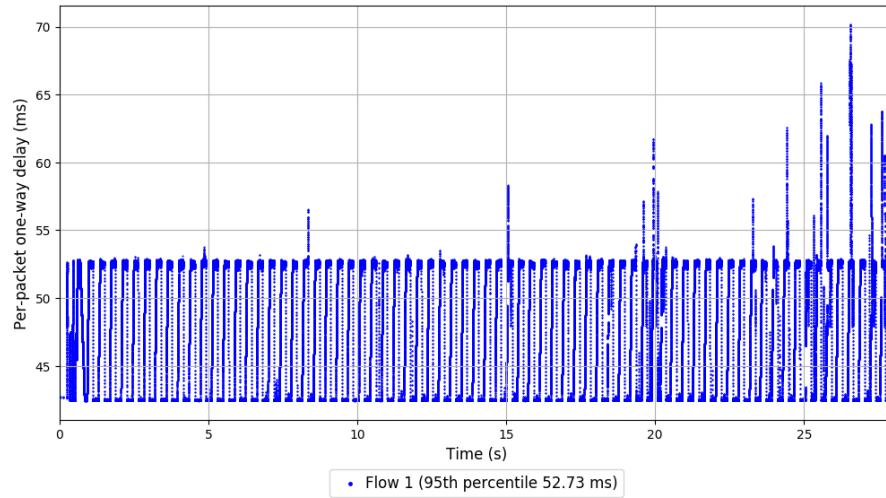
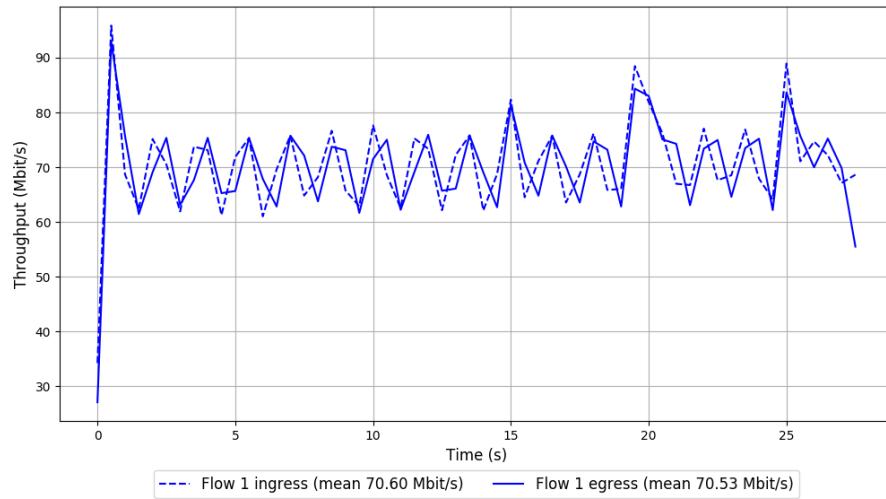


Run 4: Statistics of TaoVA-100x

```
Start at: 2017-08-29 08:46:19
End at: 2017-08-29 08:46:49
Local clock offset: 0.703 ms
Remote clock offset: 0.983 ms

# Below is generated by plot.py at 2017-08-29 14:59:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.53 Mbit/s
95th percentile per-packet one-way delay: 52.725 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 70.53 Mbit/s
95th percentile per-packet one-way delay: 52.725 ms
Loss rate: 0.44%
```

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

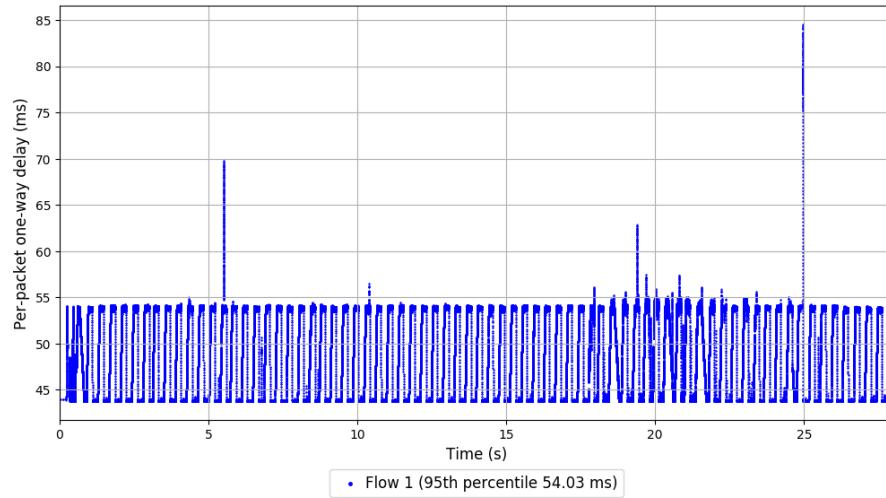
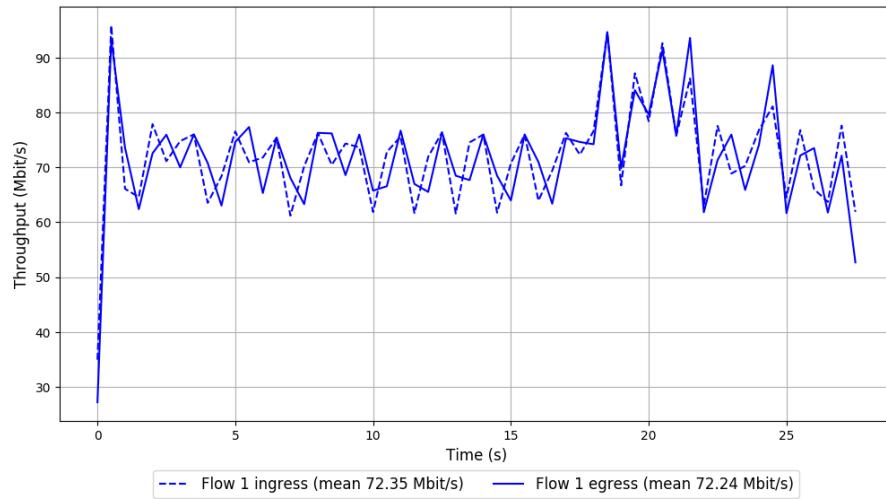


Run 5: Statistics of TaoVA-100x

```
Start at: 2017-08-29 09:06:40
End at: 2017-08-29 09:07:10
Local clock offset: 0.722 ms
Remote clock offset: -0.997 ms

# Below is generated by plot.py at 2017-08-29 14:59:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.24 Mbit/s
95th percentile per-packet one-way delay: 54.034 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 72.24 Mbit/s
95th percentile per-packet one-way delay: 54.034 ms
Loss rate: 0.48%
```

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

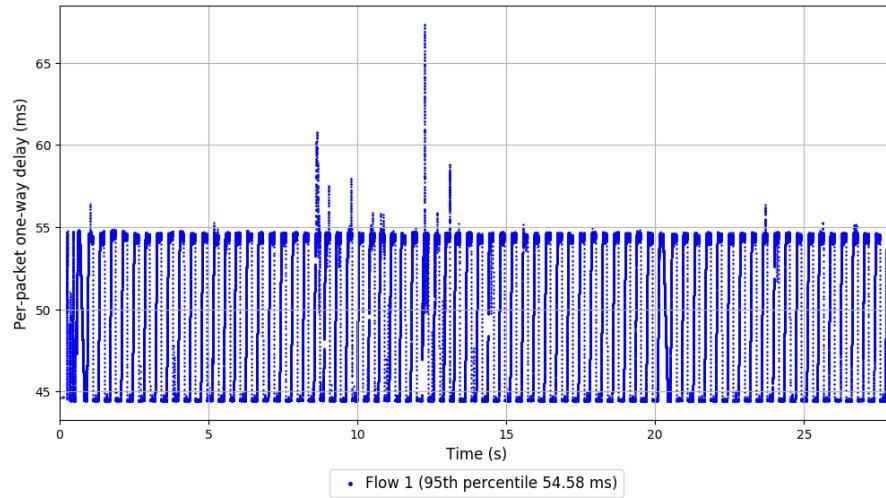
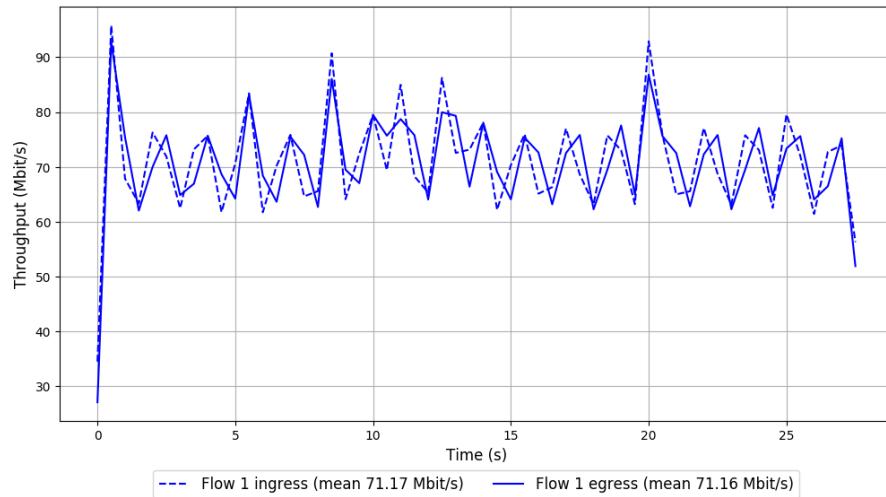


Run 6: Statistics of TaoVA-100x

```
Start at: 2017-08-29 09:27:04
End at: 2017-08-29 09:27:34
Local clock offset: 0.603 ms
Remote clock offset: -1.113 ms

# Below is generated by plot.py at 2017-08-29 14:59:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.16 Mbit/s
95th percentile per-packet one-way delay: 54.580 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 71.16 Mbit/s
95th percentile per-packet one-way delay: 54.580 ms
Loss rate: 0.34%
```

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

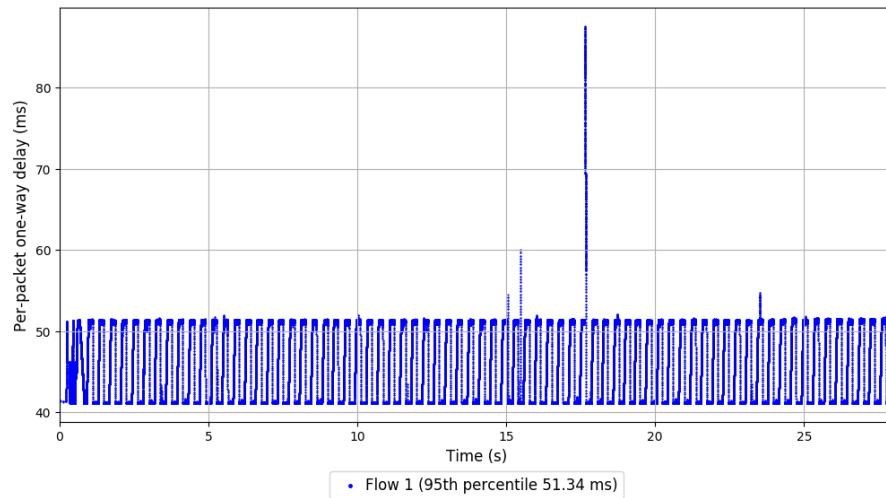
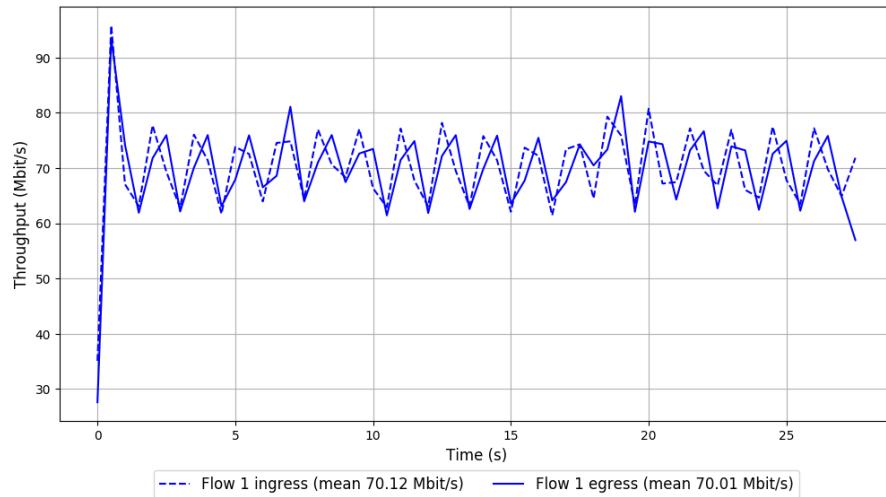


Run 7: Statistics of TaoVA-100x

```
Start at: 2017-08-29 09:47:25
End at: 2017-08-29 09:47:55
Local clock offset: 0.625 ms
Remote clock offset: 1.346 ms

# Below is generated by plot.py at 2017-08-29 14:59:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.01 Mbit/s
95th percentile per-packet one-way delay: 51.335 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 70.01 Mbit/s
95th percentile per-packet one-way delay: 51.335 ms
Loss rate: 0.48%
```

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

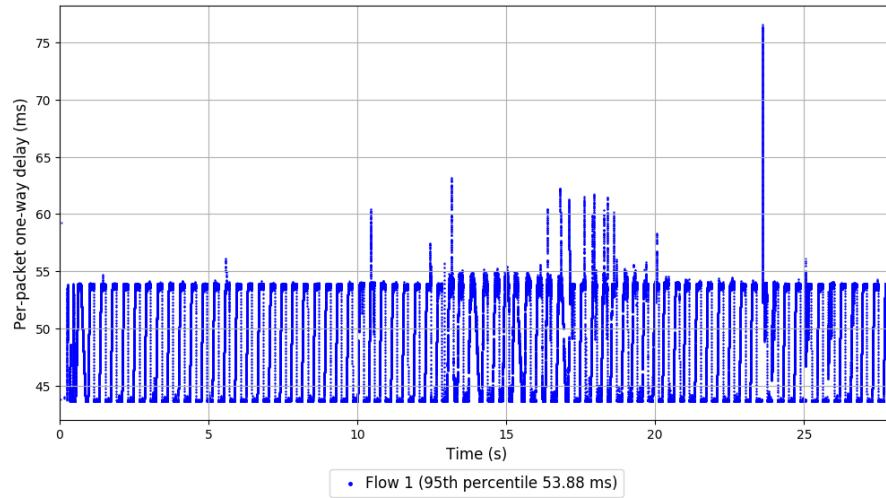
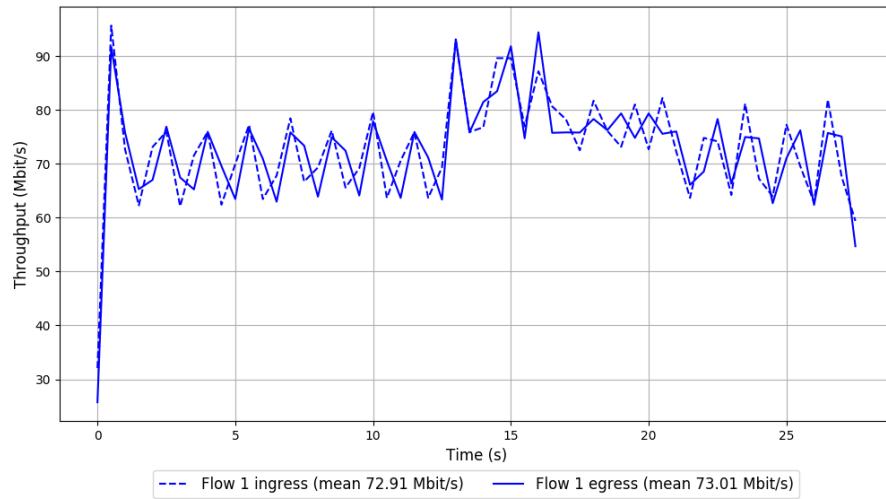


Run 8: Statistics of TaoVA-100x

```
Start at: 2017-08-29 10:07:45
End at: 2017-08-29 10:08:15
Local clock offset: 0.605 ms
Remote clock offset: -1.367 ms

# Below is generated by plot.py at 2017-08-29 14:59:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.01 Mbit/s
95th percentile per-packet one-way delay: 53.885 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 73.01 Mbit/s
95th percentile per-packet one-way delay: 53.885 ms
Loss rate: 0.18%
```

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

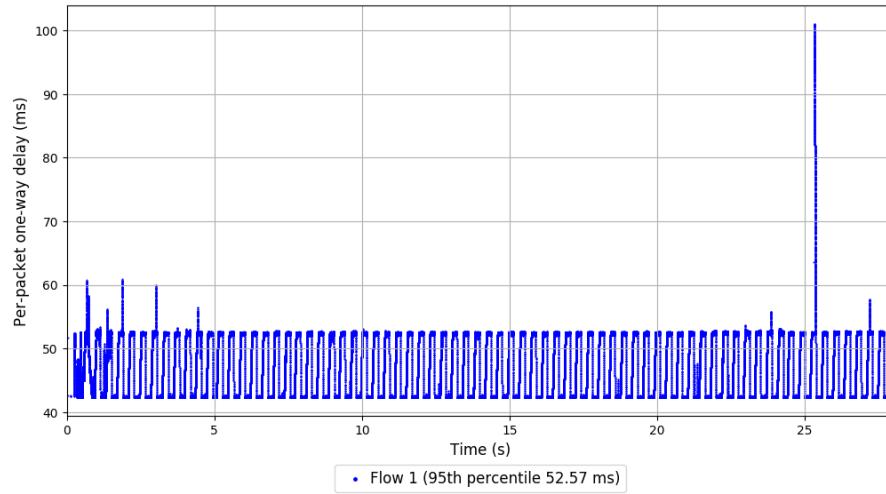
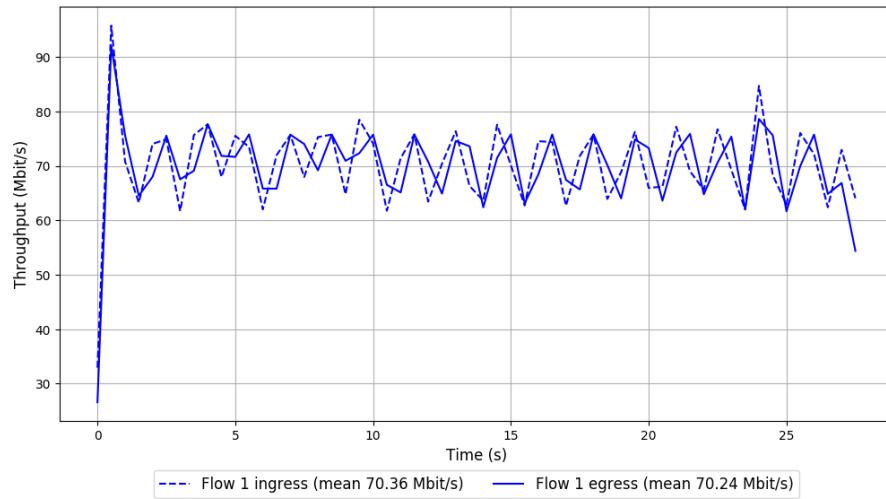


Run 9: Statistics of TaoVA-100x

```
Start at: 2017-08-29 10:28:04
End at: 2017-08-29 10:28:34
Local clock offset: 0.523 ms
Remote clock offset: 0.288 ms

# Below is generated by plot.py at 2017-08-29 14:59:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.24 Mbit/s
95th percentile per-packet one-way delay: 52.572 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 70.24 Mbit/s
95th percentile per-packet one-way delay: 52.572 ms
Loss rate: 0.50%
```

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

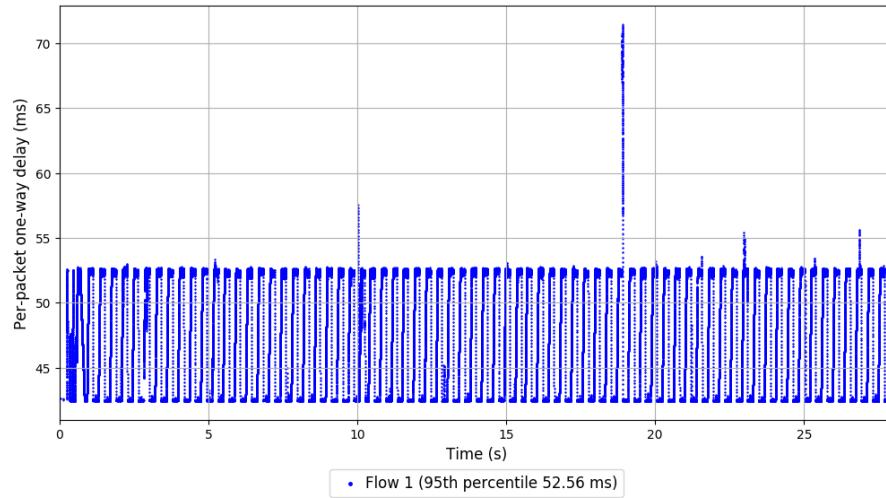
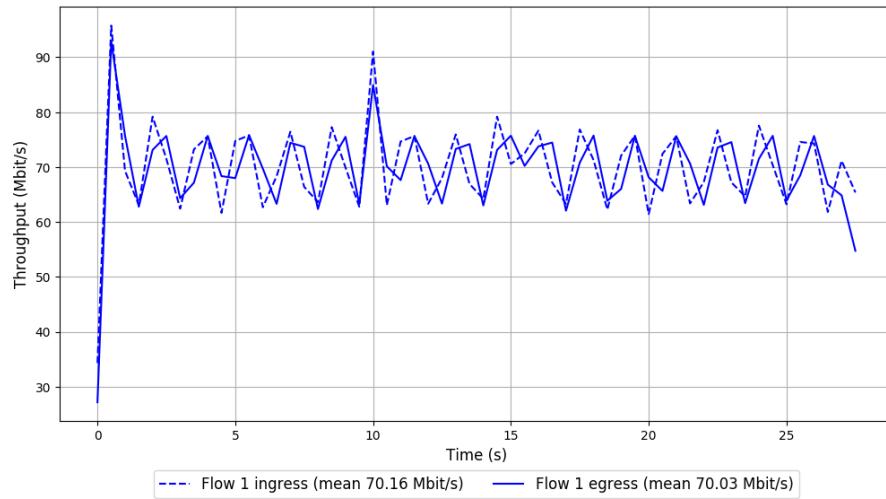


Run 10: Statistics of TaoVA-100x

```
Start at: 2017-08-29 10:48:25
End at: 2017-08-29 10:48:55
Local clock offset: 0.476 ms
Remote clock offset: -0.167 ms

# Below is generated by plot.py at 2017-08-29 14:59:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.03 Mbit/s
95th percentile per-packet one-way delay: 52.558 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 70.03 Mbit/s
95th percentile per-packet one-way delay: 52.558 ms
Loss rate: 0.53%
```

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

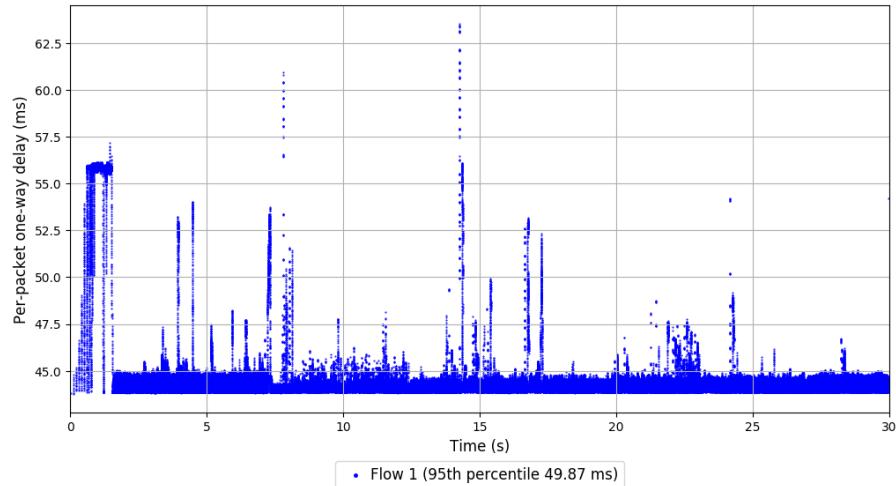
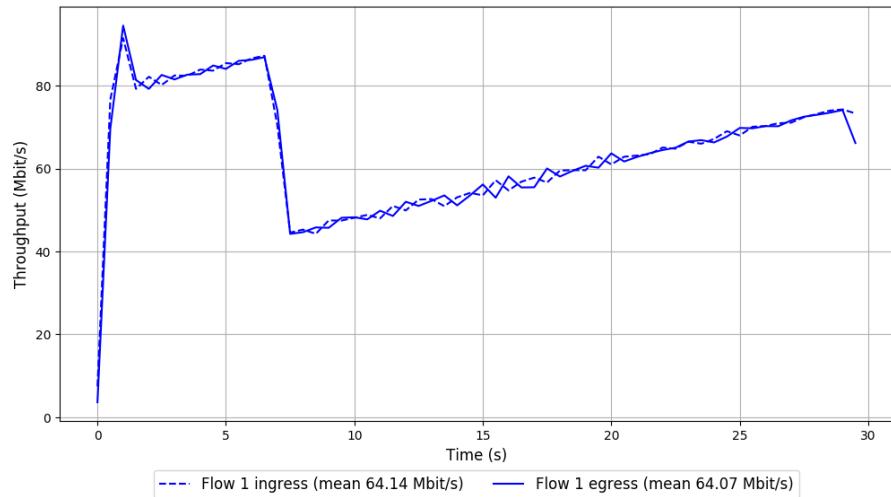


Run 1: Statistics of TCP Vegas

```
Start at: 2017-08-29 07:39:52
End at: 2017-08-29 07:40:22
Local clock offset: 0.765 ms
Remote clock offset: -2.771 ms

# Below is generated by plot.py at 2017-08-29 15:00:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.07 Mbit/s
95th percentile per-packet one-way delay: 49.869 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 64.07 Mbit/s
95th percentile per-packet one-way delay: 49.869 ms
Loss rate: 0.38%
```

Run 1: Report of TCP Vegas — Data Link

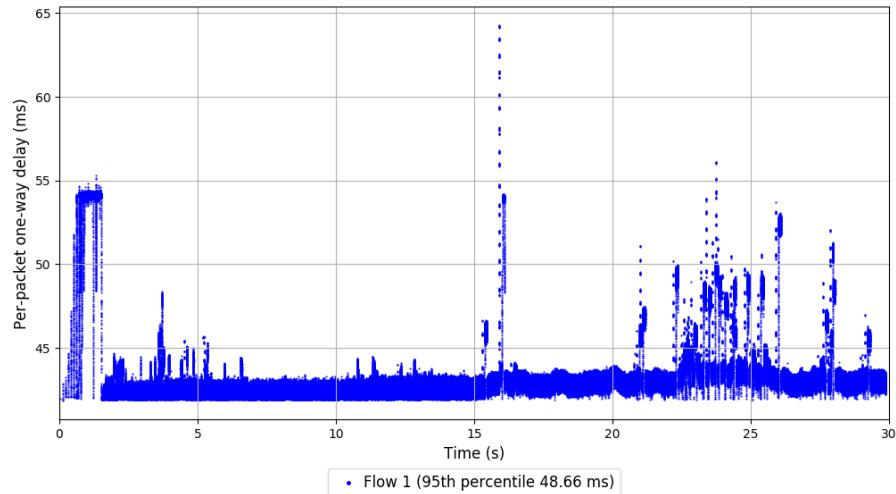
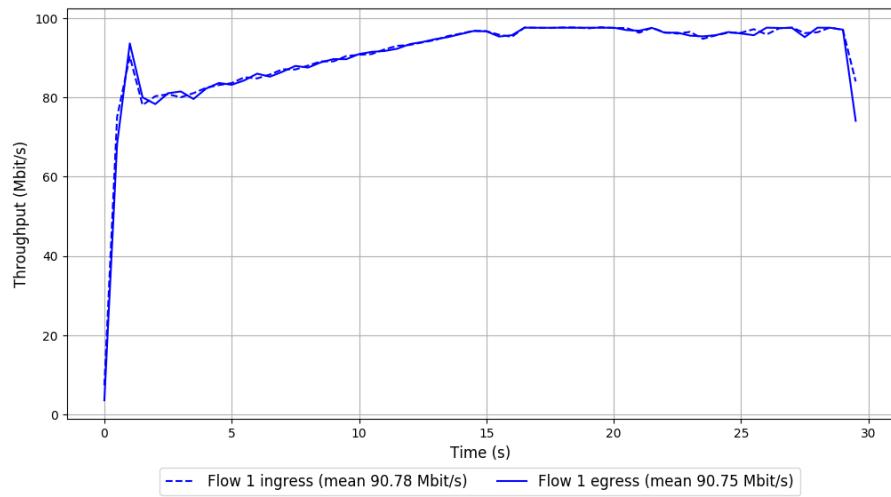


Run 2: Statistics of TCP Vegas

```
Start at: 2017-08-29 08:00:15
End at: 2017-08-29 08:00:45
Local clock offset: 0.712 ms
Remote clock offset: 0.467 ms

# Below is generated by plot.py at 2017-08-29 15:00:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.75 Mbit/s
95th percentile per-packet one-way delay: 48.655 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 90.75 Mbit/s
95th percentile per-packet one-way delay: 48.655 ms
Loss rate: 0.34%
```

Run 2: Report of TCP Vegas — Data Link

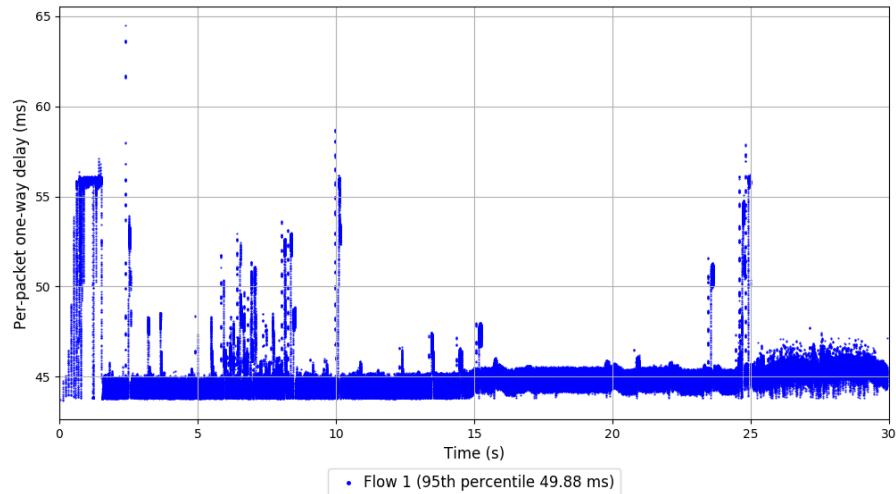
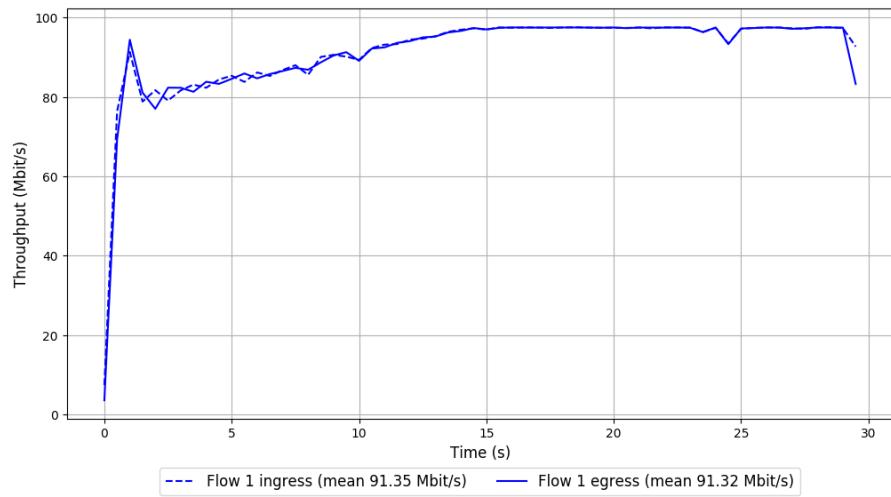


Run 3: Statistics of TCP Vegas

```
Start at: 2017-08-29 08:20:35
End at: 2017-08-29 08:21:05
Local clock offset: 0.695 ms
Remote clock offset: -1.586 ms

# Below is generated by plot.py at 2017-08-29 15:00:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.32 Mbit/s
95th percentile per-packet one-way delay: 49.879 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 91.32 Mbit/s
95th percentile per-packet one-way delay: 49.879 ms
Loss rate: 0.33%
```

Run 3: Report of TCP Vegas — Data Link

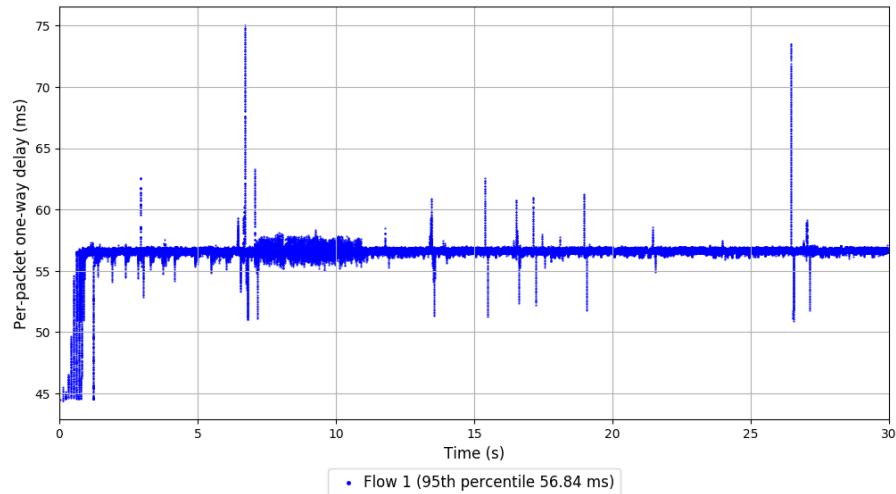
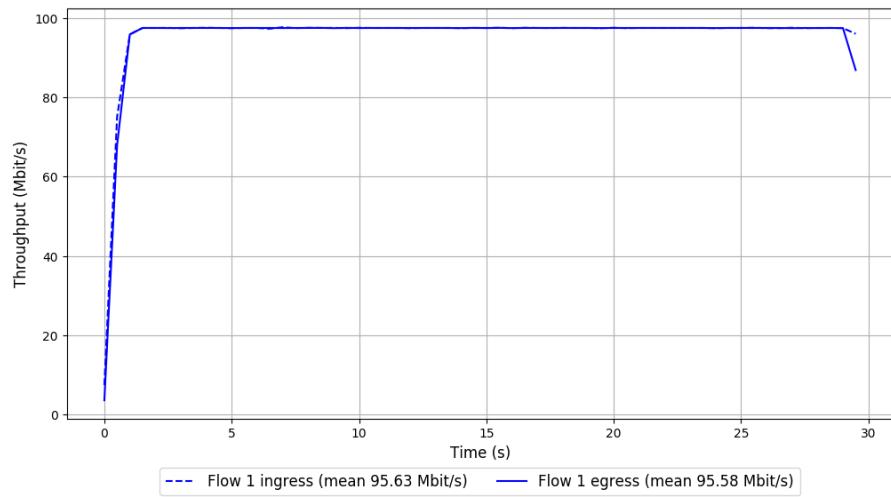


Run 4: Statistics of TCP Vegas

```
Start at: 2017-08-29 08:40:53
End at: 2017-08-29 08:41:23
Local clock offset: 0.676 ms
Remote clock offset: -1.081 ms

# Below is generated by plot.py at 2017-08-29 15:00:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.58 Mbit/s
95th percentile per-packet one-way delay: 56.842 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 95.58 Mbit/s
95th percentile per-packet one-way delay: 56.842 ms
Loss rate: 0.35%
```

Run 4: Report of TCP Vegas — Data Link

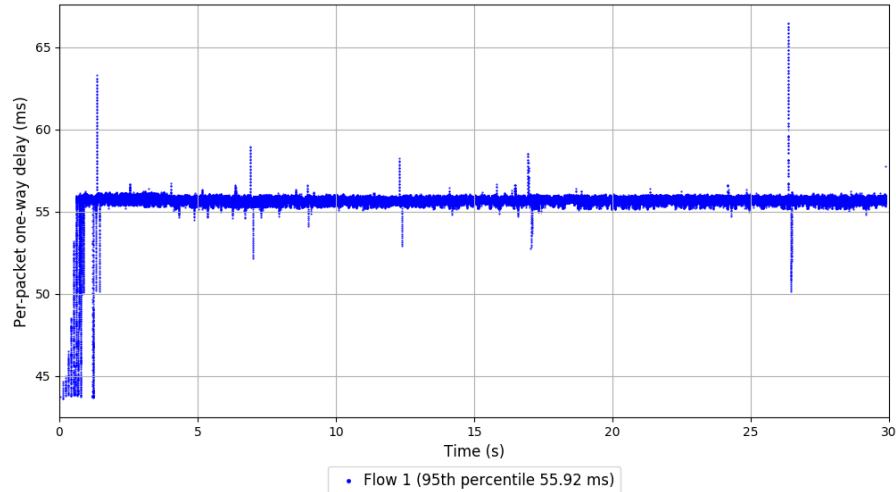
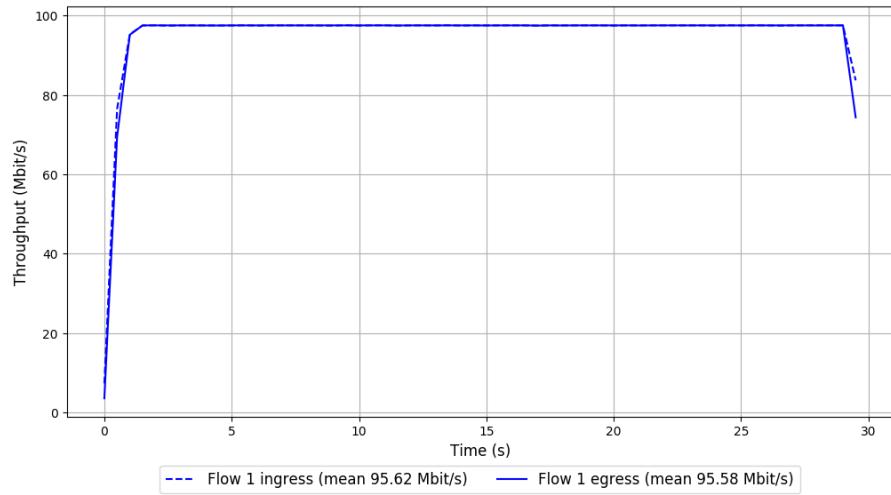


Run 5: Statistics of TCP Vegas

```
Start at: 2017-08-29 09:01:13
End at: 2017-08-29 09:01:43
Local clock offset: 0.631 ms
Remote clock offset: -0.9 ms

# Below is generated by plot.py at 2017-08-29 15:00:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.58 Mbit/s
95th percentile per-packet one-way delay: 55.918 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 95.58 Mbit/s
95th percentile per-packet one-way delay: 55.918 ms
Loss rate: 0.35%
```

Run 5: Report of TCP Vegas — Data Link

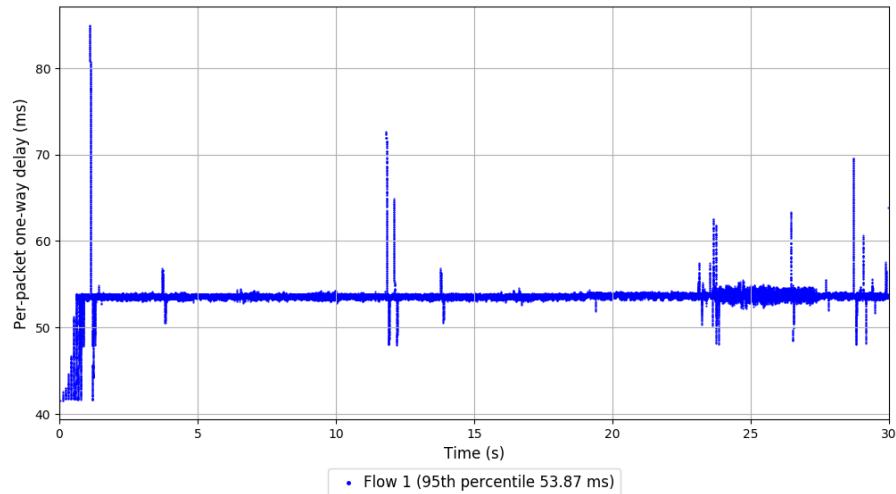
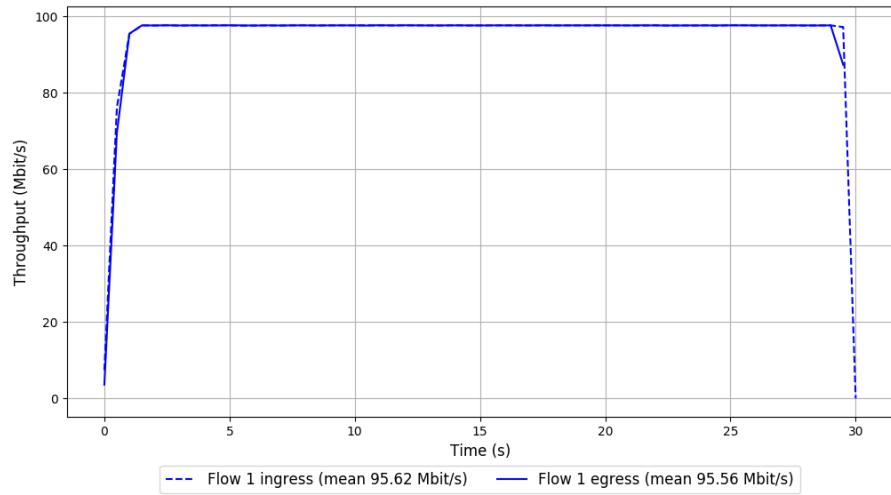


Run 6: Statistics of TCP Vegas

```
Start at: 2017-08-29 09:21:36
End at: 2017-08-29 09:22:06
Local clock offset: 0.677 ms
Remote clock offset: 1.039 ms

# Below is generated by plot.py at 2017-08-29 15:00:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.56 Mbit/s
95th percentile per-packet one-way delay: 53.874 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 95.56 Mbit/s
95th percentile per-packet one-way delay: 53.874 ms
Loss rate: 0.35%
```

Run 6: Report of TCP Vegas — Data Link

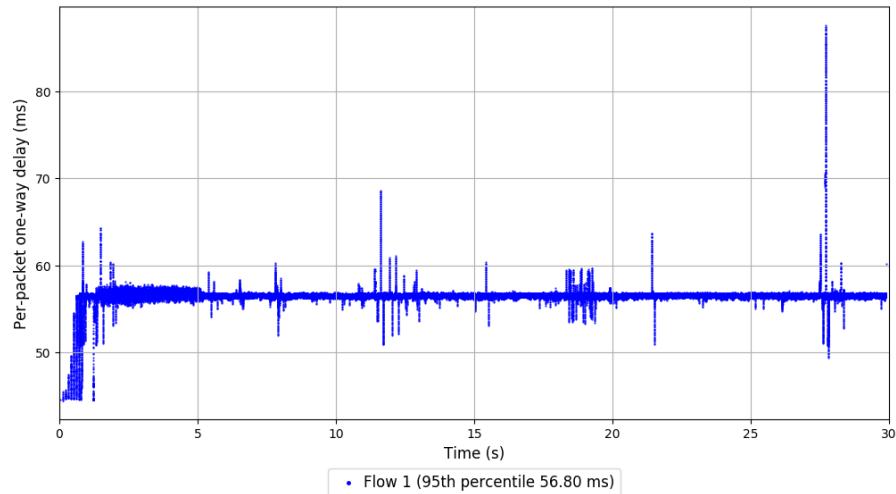
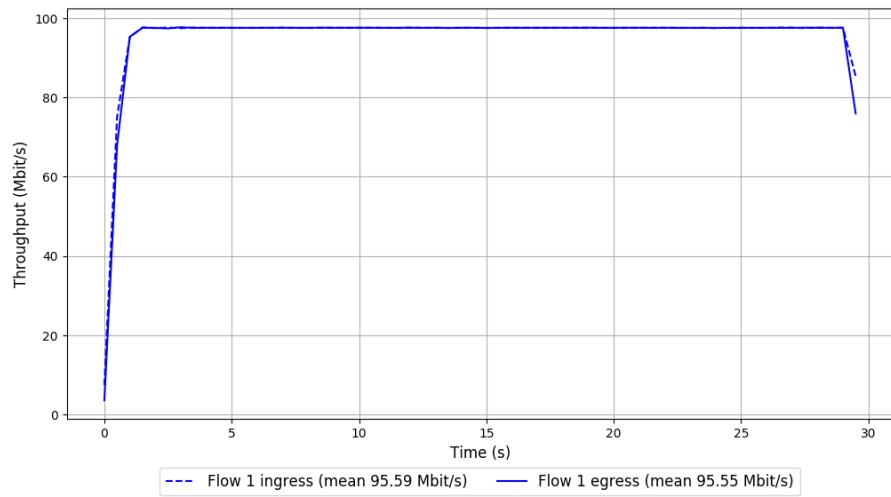


Run 7: Statistics of TCP Vegas

```
Start at: 2017-08-29 09:41:59
End at: 2017-08-29 09:42:29
Local clock offset: 0.647 ms
Remote clock offset: -1.355 ms

# Below is generated by plot.py at 2017-08-29 15:00:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.55 Mbit/s
95th percentile per-packet one-way delay: 56.796 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 95.55 Mbit/s
95th percentile per-packet one-way delay: 56.796 ms
Loss rate: 0.36%
```

Run 7: Report of TCP Vegas — Data Link

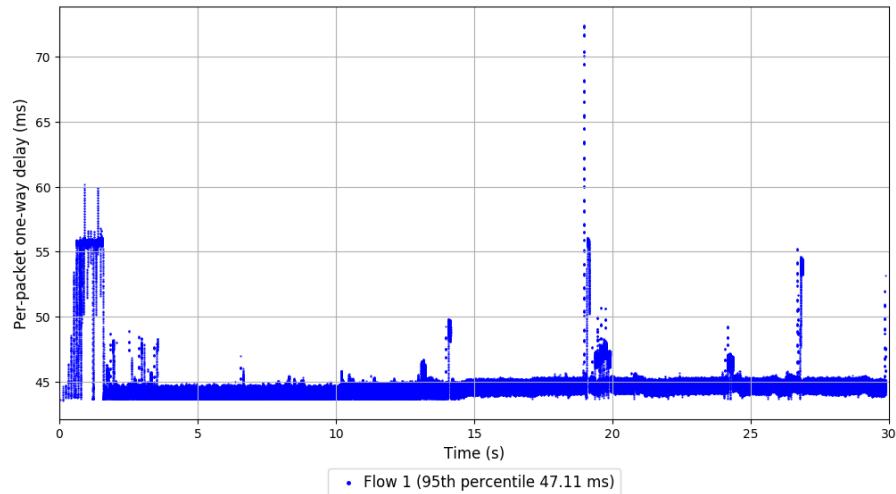
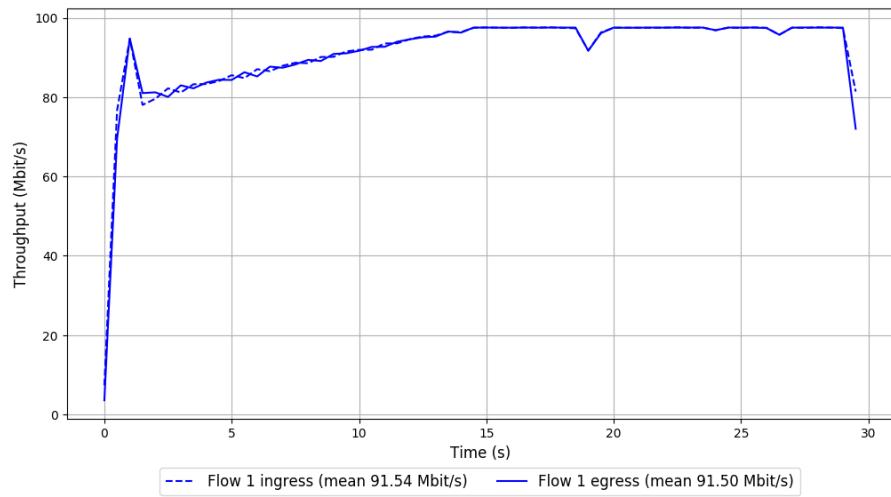


Run 8: Statistics of TCP Vegas

```
Start at: 2017-08-29 10:02:18
End at: 2017-08-29 10:02:48
Local clock offset: 0.499 ms
Remote clock offset: -1.369 ms

# Below is generated by plot.py at 2017-08-29 15:00:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.50 Mbit/s
95th percentile per-packet one-way delay: 47.114 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 91.50 Mbit/s
95th percentile per-packet one-way delay: 47.114 ms
Loss rate: 0.33%
```

Run 8: Report of TCP Vegas — Data Link

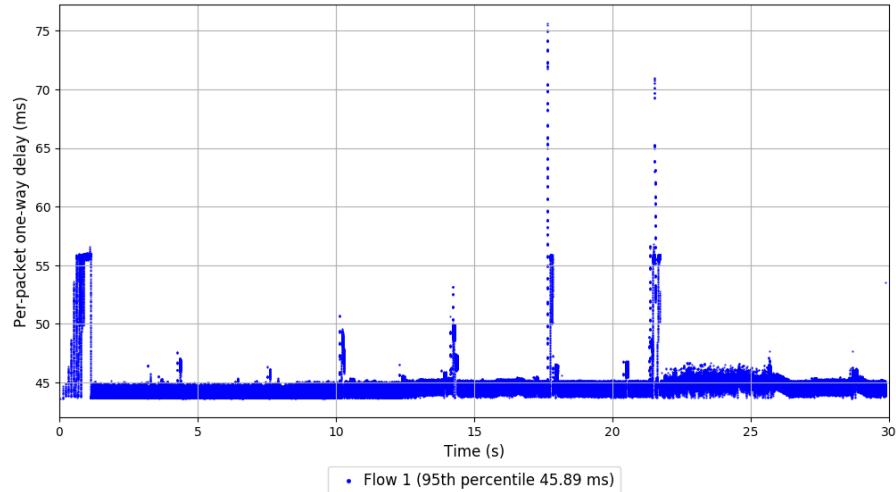
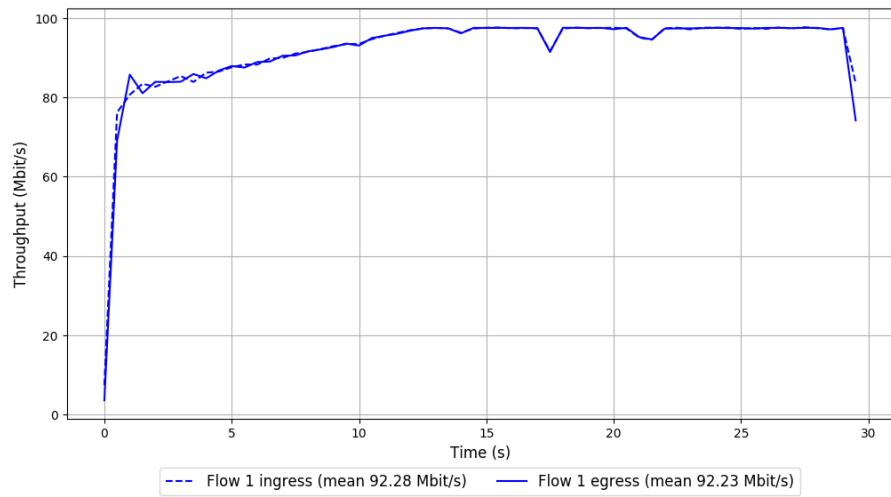


Run 9: Statistics of TCP Vegas

```
Start at: 2017-08-29 10:22:38
End at: 2017-08-29 10:23:08
Local clock offset: 0.468 ms
Remote clock offset: -1.682 ms

# Below is generated by plot.py at 2017-08-29 15:00:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.23 Mbit/s
95th percentile per-packet one-way delay: 45.890 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 92.23 Mbit/s
95th percentile per-packet one-way delay: 45.890 ms
Loss rate: 0.33%
```

Run 9: Report of TCP Vegas — Data Link

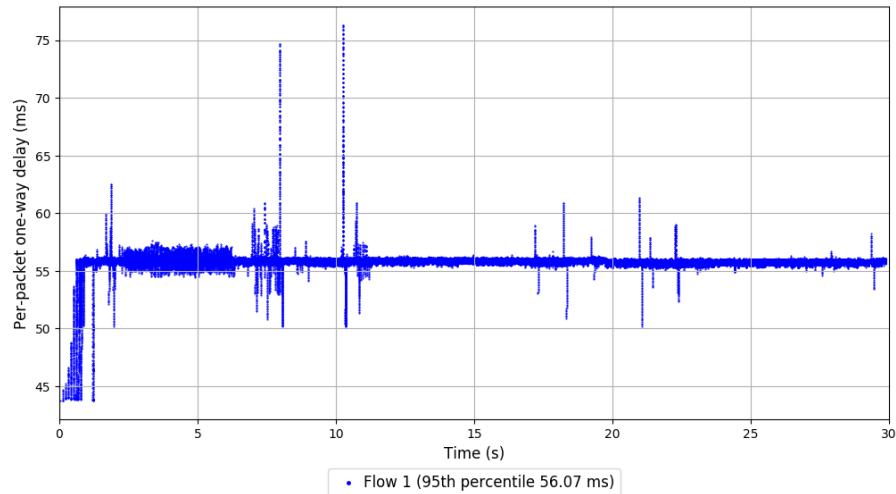
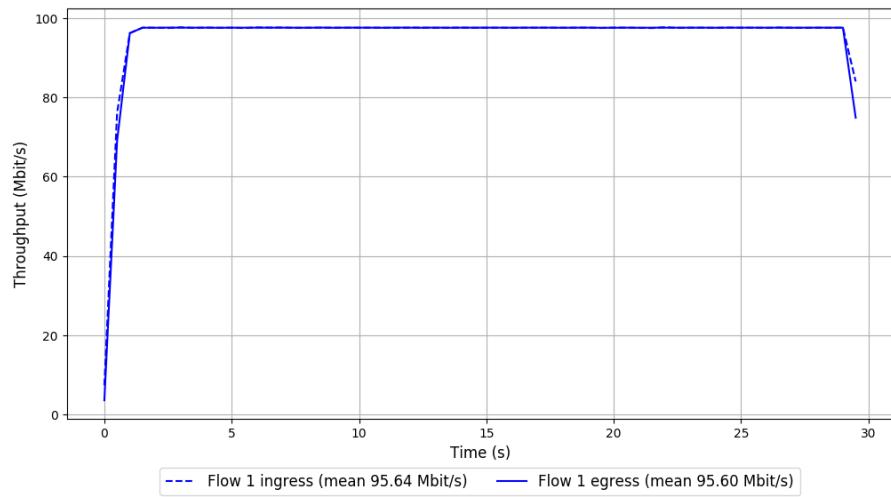


Run 10: Statistics of TCP Vegas

```
Start at: 2017-08-29 10:42:58
End at: 2017-08-29 10:43:28
Local clock offset: 0.389 ms
Remote clock offset: -2.256 ms

# Below is generated by plot.py at 2017-08-29 15:01:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.60 Mbit/s
95th percentile per-packet one-way delay: 56.067 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 95.60 Mbit/s
95th percentile per-packet one-way delay: 56.067 ms
Loss rate: 0.35%
```

Run 10: Report of TCP Vegas — Data Link

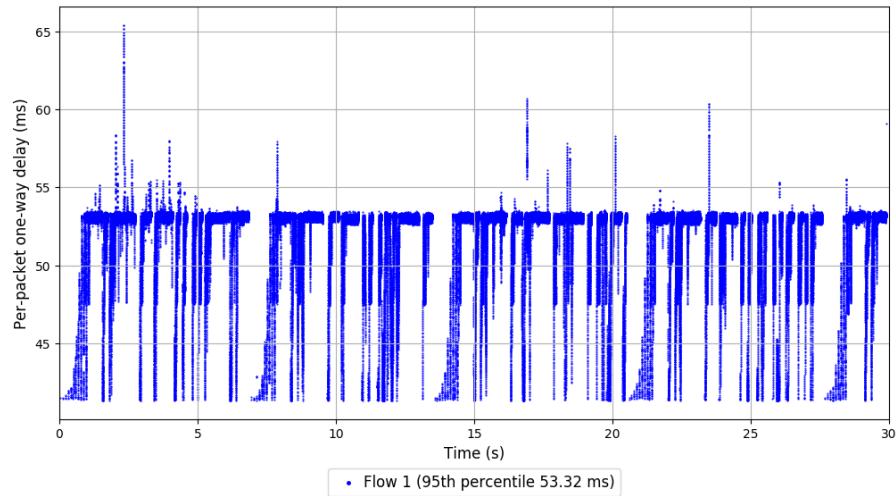
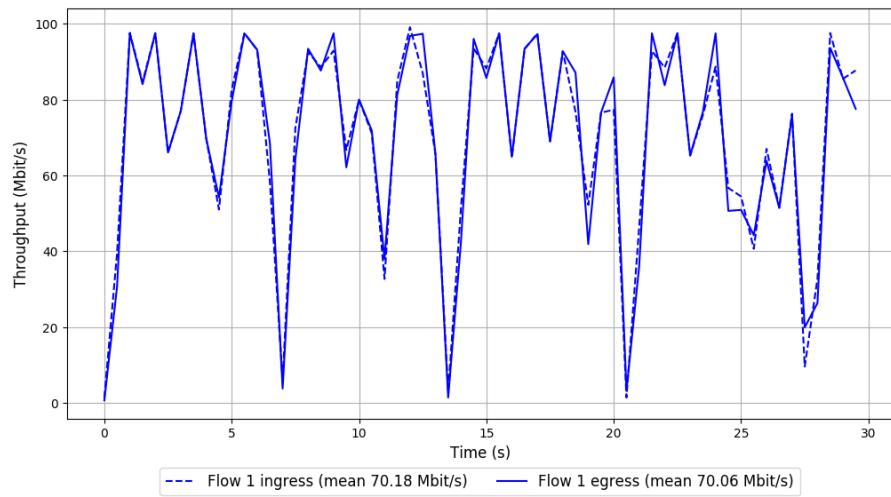


Run 1: Statistics of Verus

```
Start at: 2017-08-29 07:41:13
End at: 2017-08-29 07:41:43
Local clock offset: 0.735 ms
Remote clock offset: -0.272 ms

# Below is generated by plot.py at 2017-08-29 15:01:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.06 Mbit/s
95th percentile per-packet one-way delay: 53.324 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 70.06 Mbit/s
95th percentile per-packet one-way delay: 53.324 ms
Loss rate: 0.48%
```

Run 1: Report of Verus — Data Link

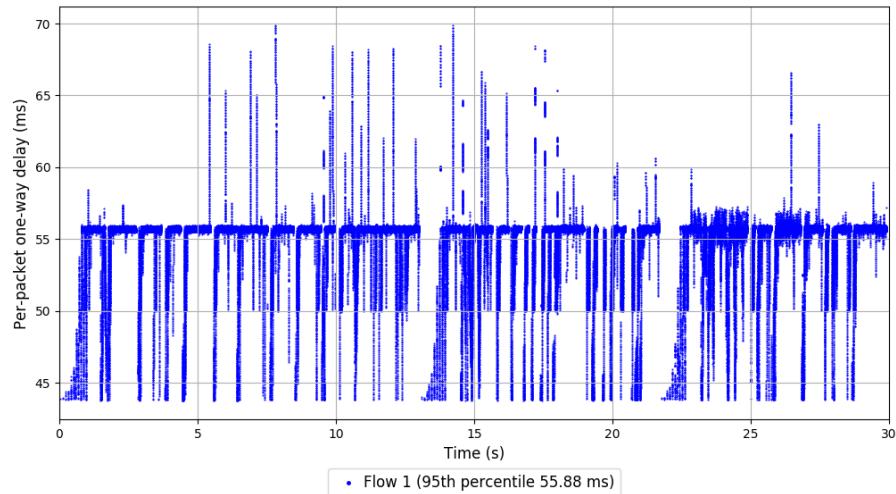
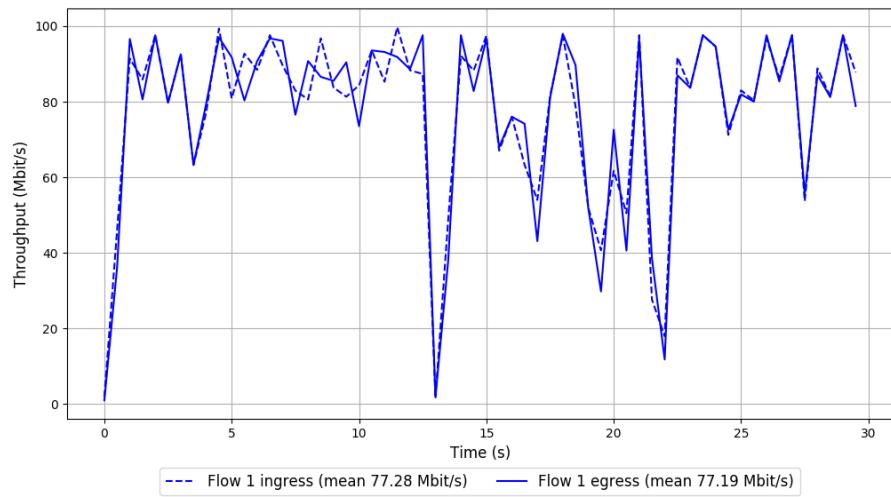


Run 2: Statistics of Verus

```
Start at: 2017-08-29 08:01:37
End at: 2017-08-29 08:02:07
Local clock offset: 0.743 ms
Remote clock offset: -2.018 ms

# Below is generated by plot.py at 2017-08-29 15:01:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.19 Mbit/s
95th percentile per-packet one-way delay: 55.877 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 77.19 Mbit/s
95th percentile per-packet one-way delay: 55.877 ms
Loss rate: 0.43%
```

Run 2: Report of Verus — Data Link

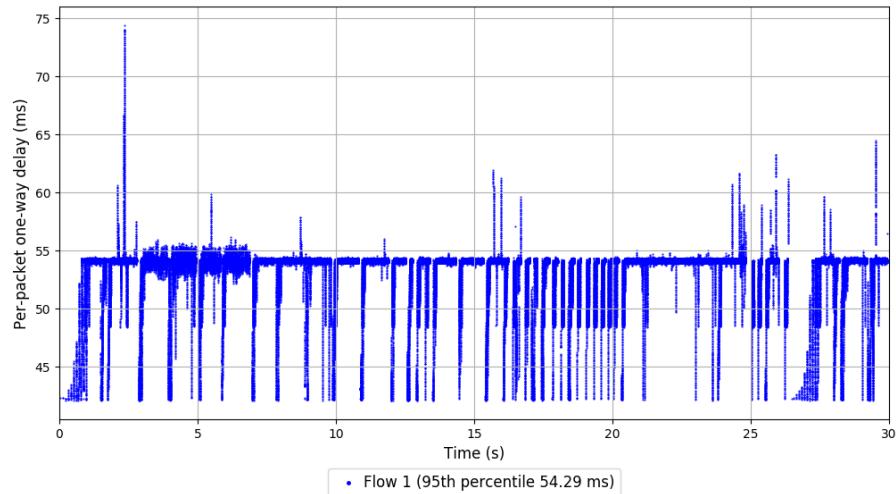
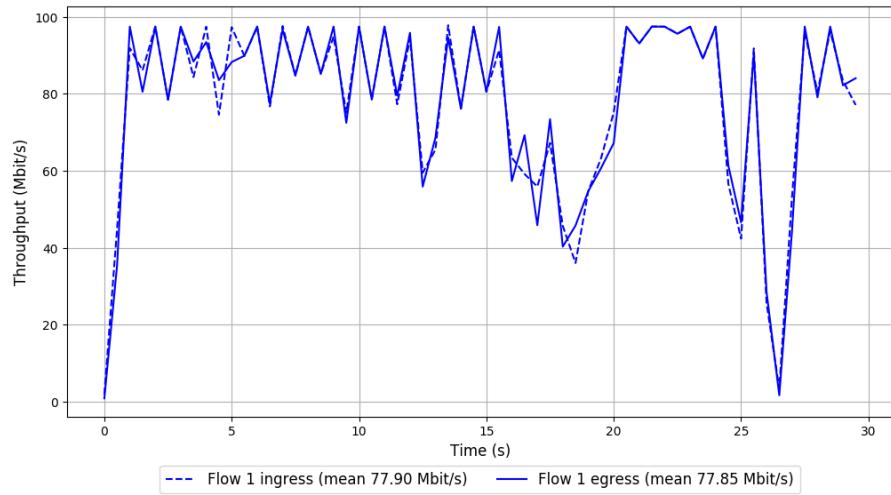


Run 3: Statistics of Verus

```
Start at: 2017-08-29 08:21:57
End at: 2017-08-29 08:22:27
Local clock offset: 0.694 ms
Remote clock offset: 0.963 ms

# Below is generated by plot.py at 2017-08-29 15:01:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.85 Mbit/s
95th percentile per-packet one-way delay: 54.293 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 77.85 Mbit/s
95th percentile per-packet one-way delay: 54.293 ms
Loss rate: 0.08%
```

Run 3: Report of Verus — Data Link

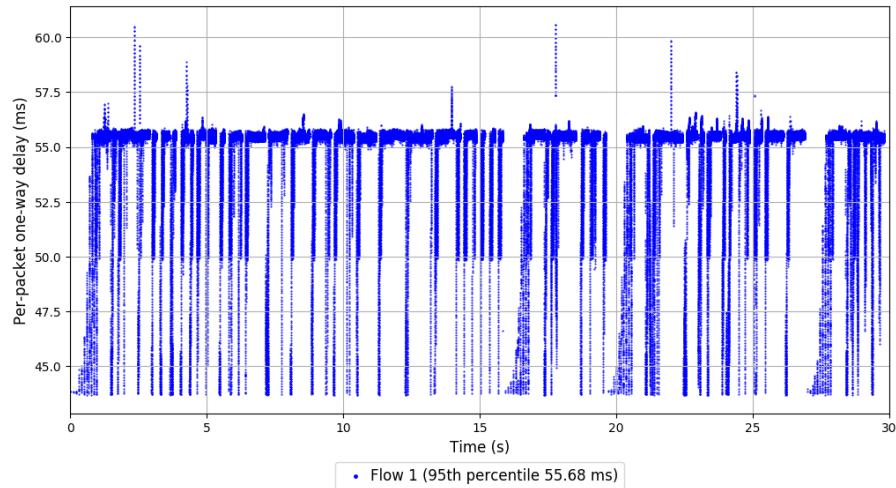
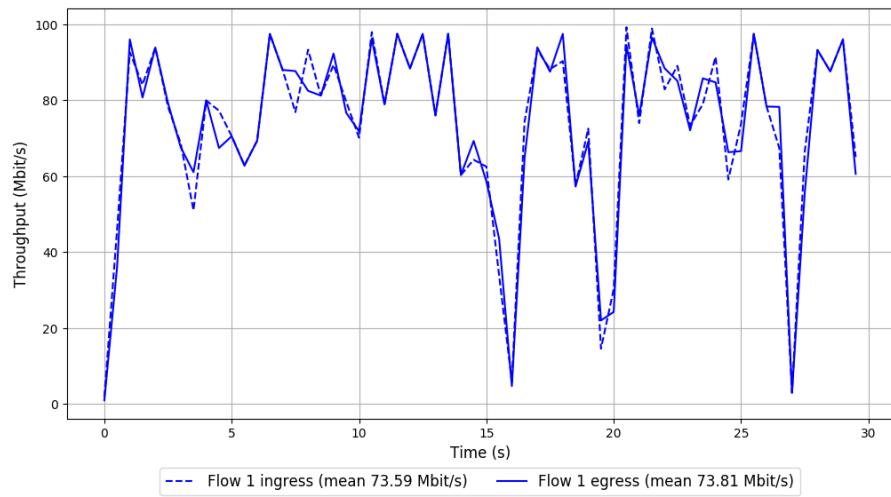


Run 4: Statistics of Verus

```
Start at: 2017-08-29 08:42:15
End at: 2017-08-29 08:42:45
Local clock offset: 0.564 ms
Remote clock offset: -1.168 ms

# Below is generated by plot.py at 2017-08-29 15:01:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.81 Mbit/s
95th percentile per-packet one-way delay: 55.684 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 73.81 Mbit/s
95th percentile per-packet one-way delay: 55.684 ms
Loss rate: 0.35%
```

Run 4: Report of Verus — Data Link

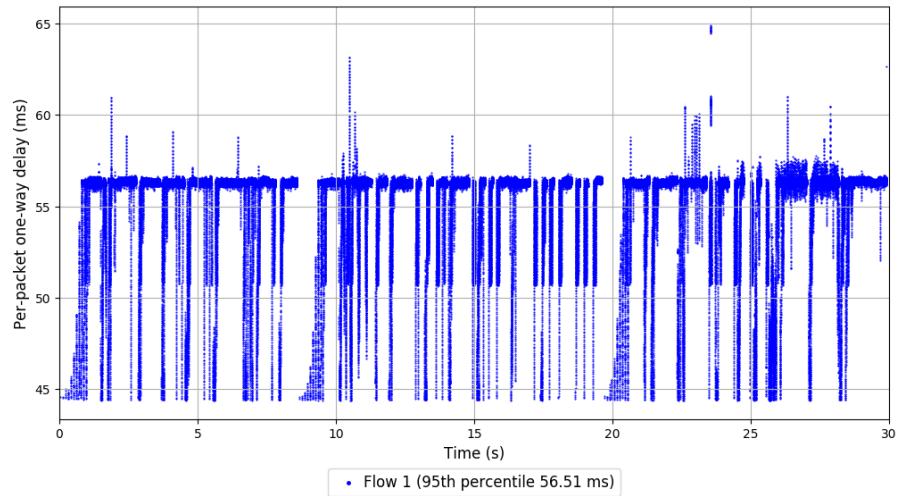
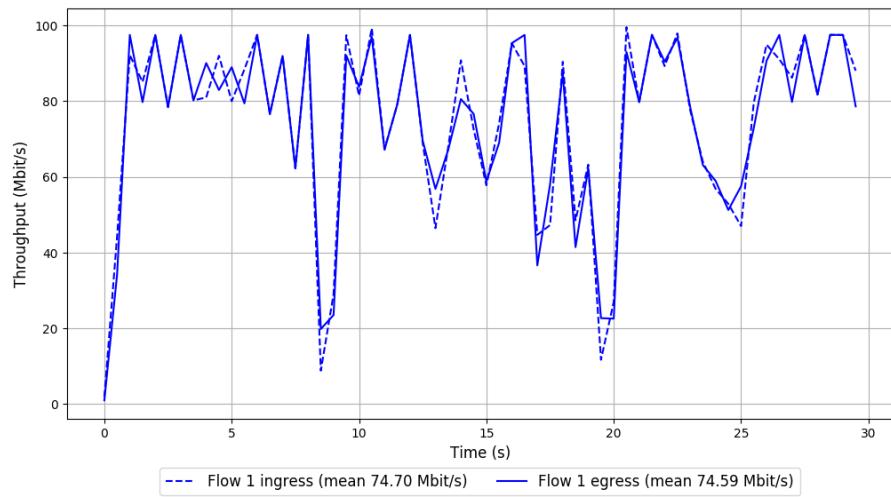


Run 5: Statistics of Verus

```
Start at: 2017-08-29 09:02:36
End at: 2017-08-29 09:03:06
Local clock offset: 0.703 ms
Remote clock offset: -0.838 ms

# Below is generated by plot.py at 2017-08-29 15:01:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.59 Mbit/s
95th percentile per-packet one-way delay: 56.512 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 74.59 Mbit/s
95th percentile per-packet one-way delay: 56.512 ms
Loss rate: 0.46%
```

Run 5: Report of Verus — Data Link

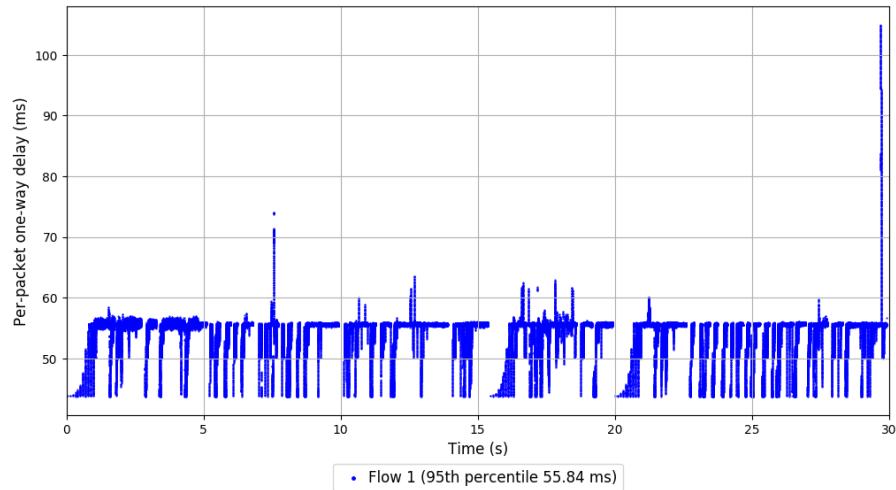
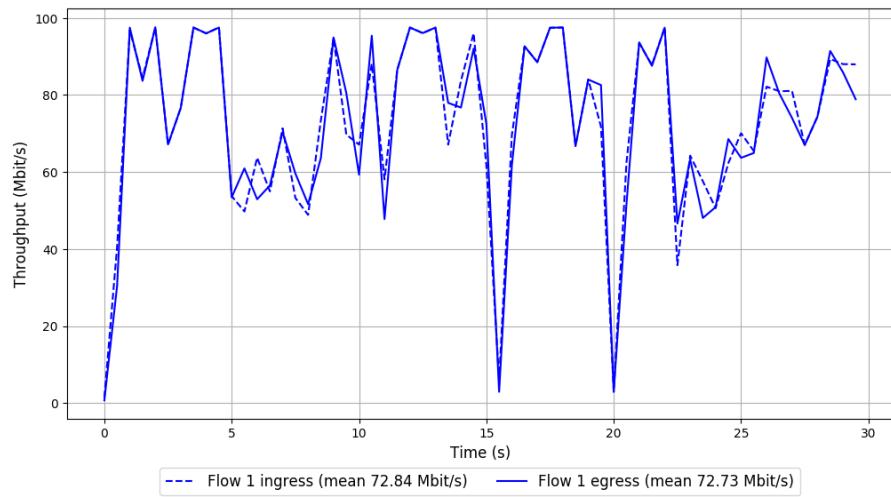


Run 6: Statistics of Verus

```
Start at: 2017-08-29 09:22:59
End at: 2017-08-29 09:23:29
Local clock offset: 0.691 ms
Remote clock offset: -1.094 ms

# Below is generated by plot.py at 2017-08-29 15:01:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.73 Mbit/s
95th percentile per-packet one-way delay: 55.835 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 72.73 Mbit/s
95th percentile per-packet one-way delay: 55.835 ms
Loss rate: 0.46%
```

Run 6: Report of Verus — Data Link

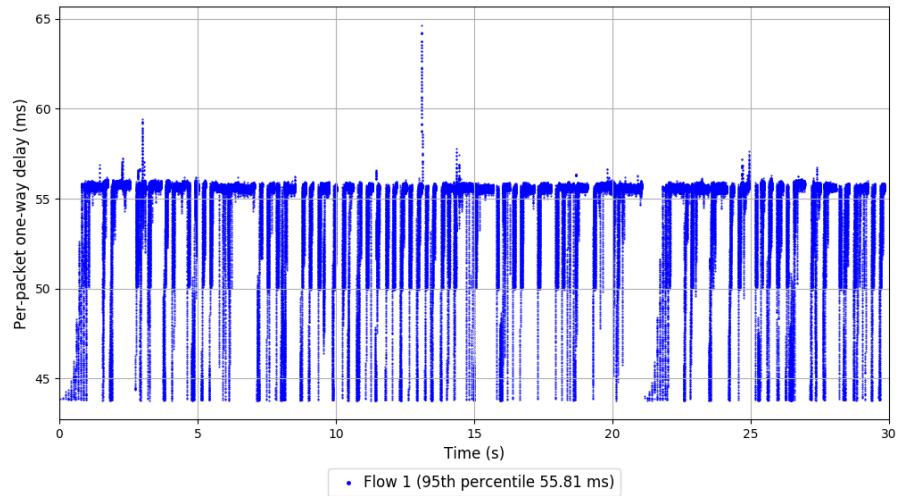
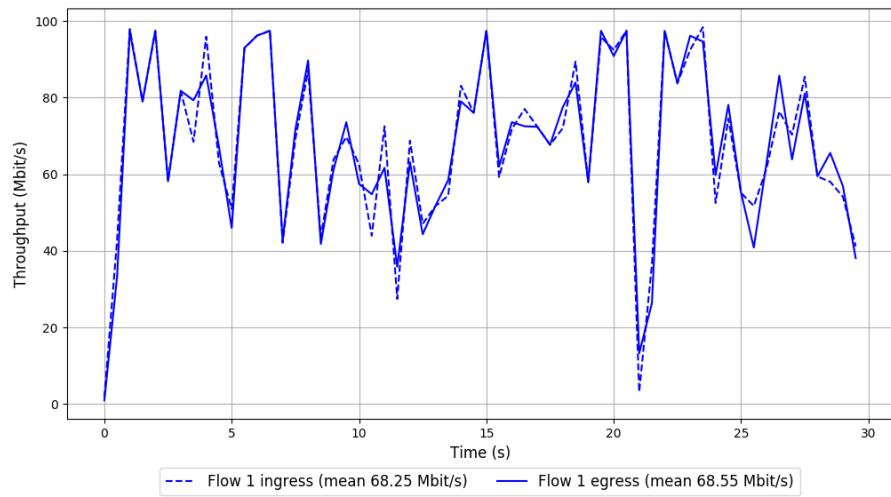


Run 7: Statistics of Verus

```
Start at: 2017-08-29 09:43:21
End at: 2017-08-29 09:43:51
Local clock offset: 0.619 ms
Remote clock offset: -1.277 ms

# Below is generated by plot.py at 2017-08-29 15:01:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.55 Mbit/s
95th percentile per-packet one-way delay: 55.815 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 68.55 Mbit/s
95th percentile per-packet one-way delay: 55.815 ms
Loss rate: 0.09%
```

Run 7: Report of Verus — Data Link

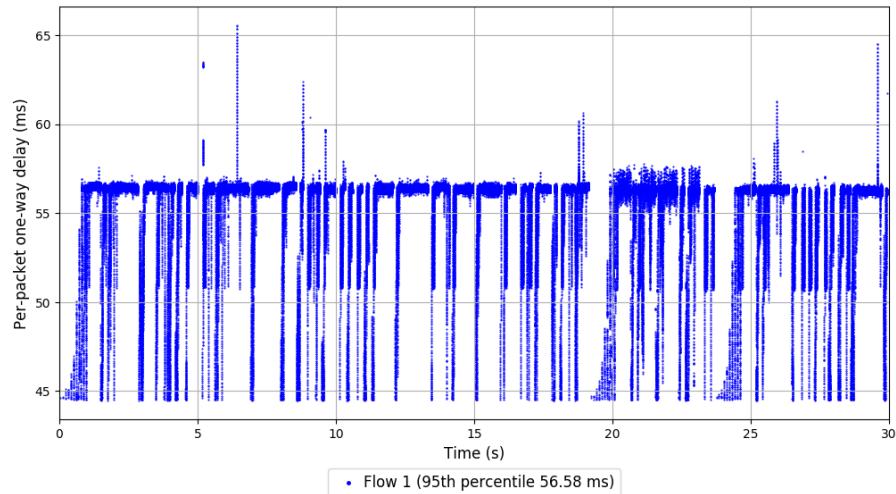
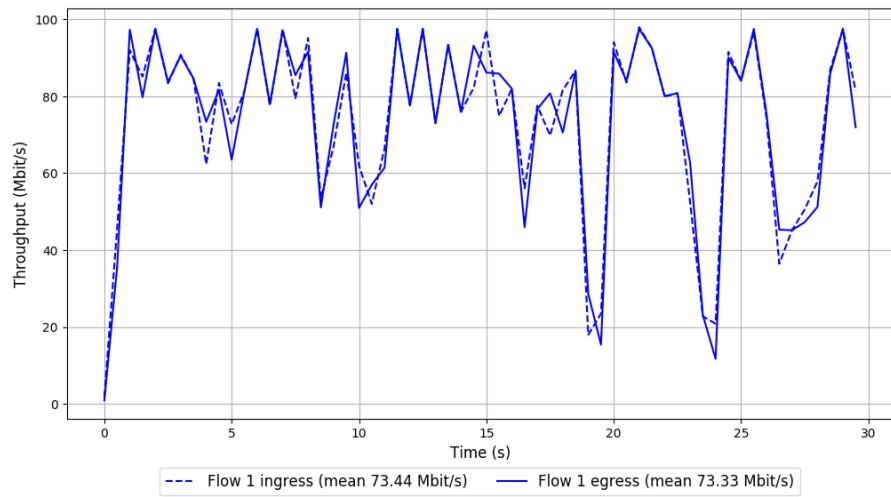


Run 8: Statistics of Verus

```
Start at: 2017-08-29 10:03:41
End at: 2017-08-29 10:04:11
Local clock offset: 0.589 ms
Remote clock offset: -1.302 ms

# Below is generated by plot.py at 2017-08-29 15:01:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.33 Mbit/s
95th percentile per-packet one-way delay: 56.582 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 73.33 Mbit/s
95th percentile per-packet one-way delay: 56.582 ms
Loss rate: 0.46%
```

Run 8: Report of Verus — Data Link

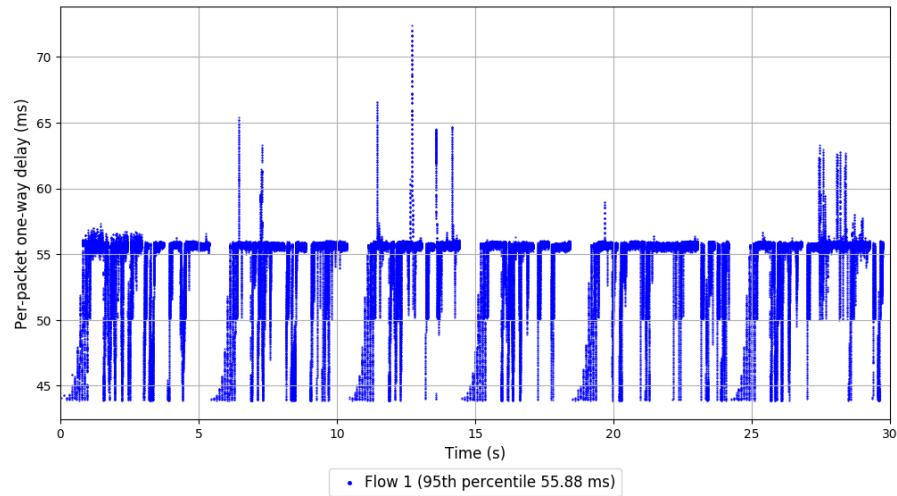
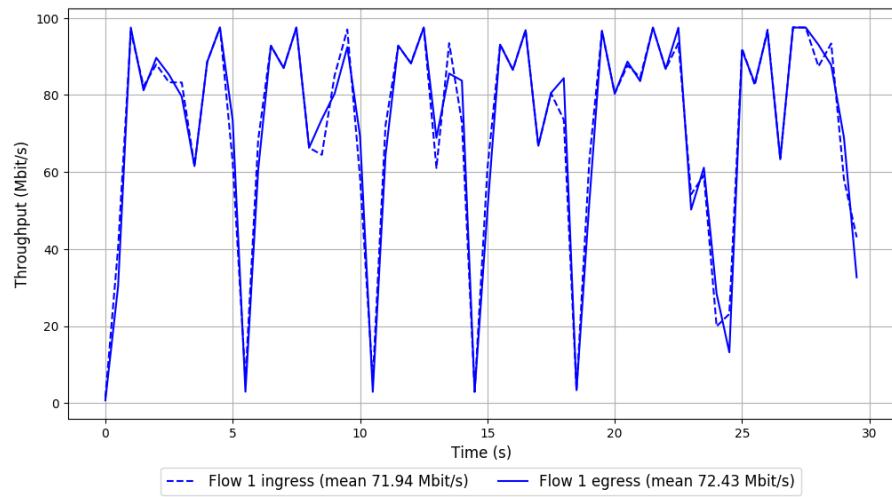


Run 9: Statistics of Verus

```
Start at: 2017-08-29 10:24:00
End at: 2017-08-29 10:24:30
Local clock offset: 0.578 ms
Remote clock offset: -1.833 ms

# Below is generated by plot.py at 2017-08-29 15:01:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.43 Mbit/s
95th percentile per-packet one-way delay: 55.876 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 72.43 Mbit/s
95th percentile per-packet one-way delay: 55.876 ms
Loss rate: 0.24%
```

Run 9: Report of Verus — Data Link

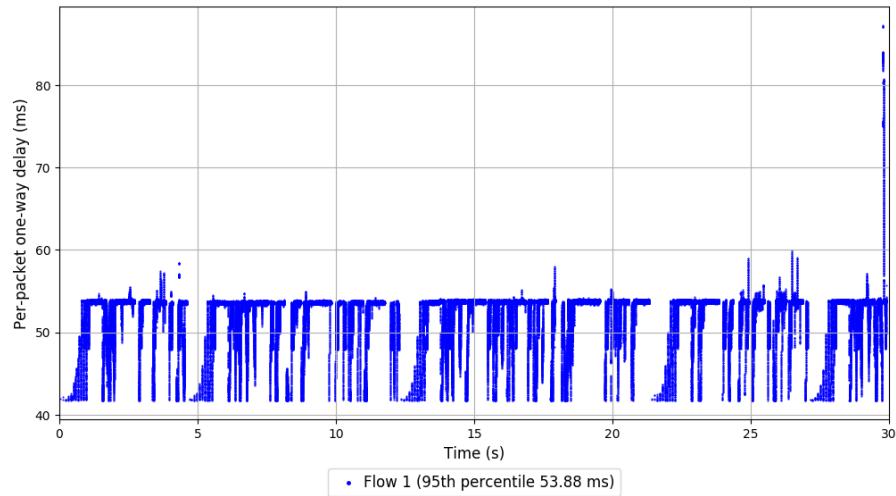
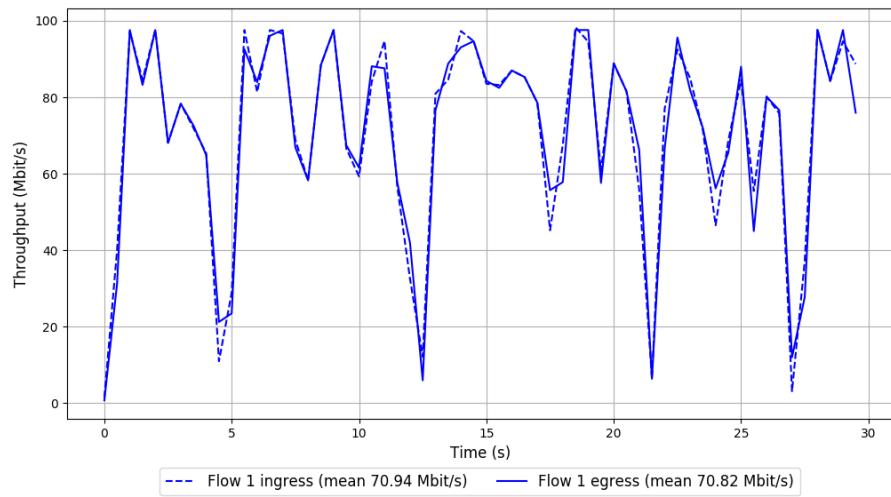


Run 10: Statistics of Verus

```
Start at: 2017-08-29 10:44:21
End at: 2017-08-29 10:44:51
Local clock offset: 0.481 ms
Remote clock offset: -0.152 ms

# Below is generated by plot.py at 2017-08-29 15:01:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.82 Mbit/s
95th percentile per-packet one-way delay: 53.885 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 70.82 Mbit/s
95th percentile per-packet one-way delay: 53.885 ms
Loss rate: 0.48%
```

Run 10: Report of Verus — Data Link

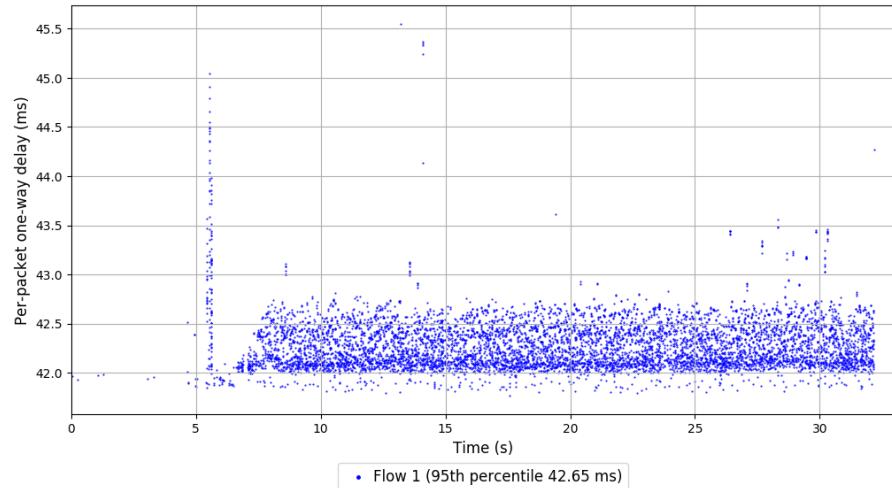
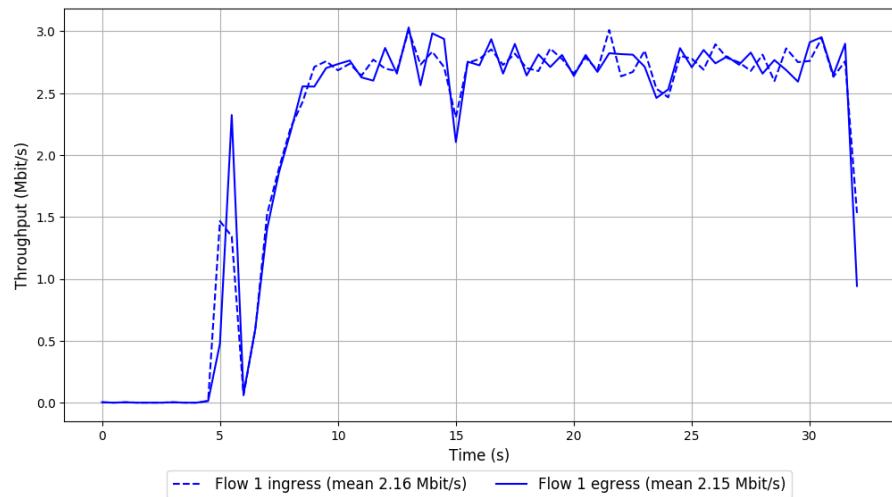


```
Run 1: Statistics of WebRTC media
```

```
Start at: 2017-08-29 07:42:35
End at: 2017-08-29 07:43:05
Local clock offset: 0.749 ms
Remote clock offset: -0.174 ms

# Below is generated by plot.py at 2017-08-29 15:01:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 42.651 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 42.651 ms
Loss rate: 0.48%
```

Run 1: Report of WebRTC media — Data Link

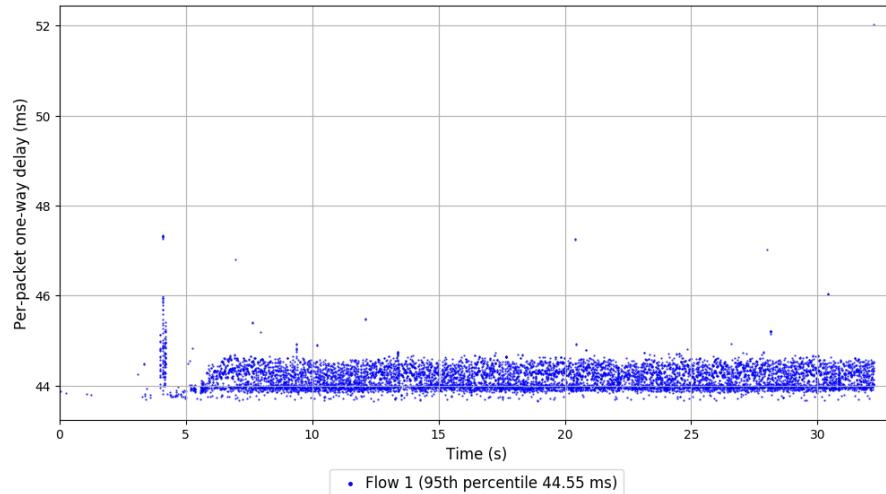
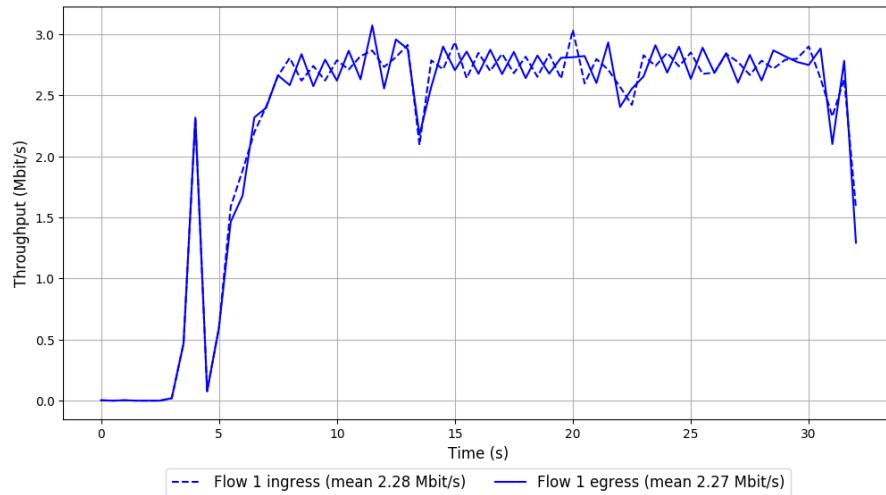


Run 2: Statistics of WebRTC media

```
Start at: 2017-08-29 08:03:01
End at: 2017-08-29 08:03:31
Local clock offset: 0.721 ms
Remote clock offset: -2.111 ms

# Below is generated by plot.py at 2017-08-29 15:01:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 44.554 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 44.554 ms
Loss rate: 0.34%
```

Run 2: Report of WebRTC media — Data Link

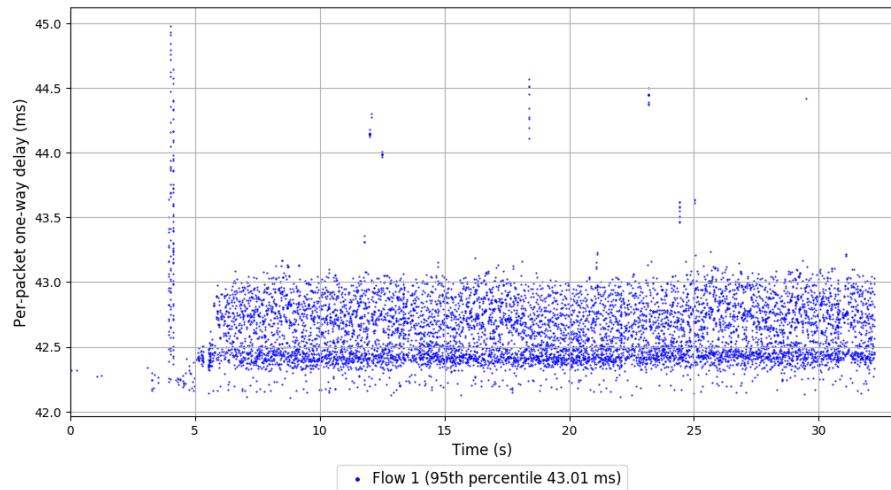
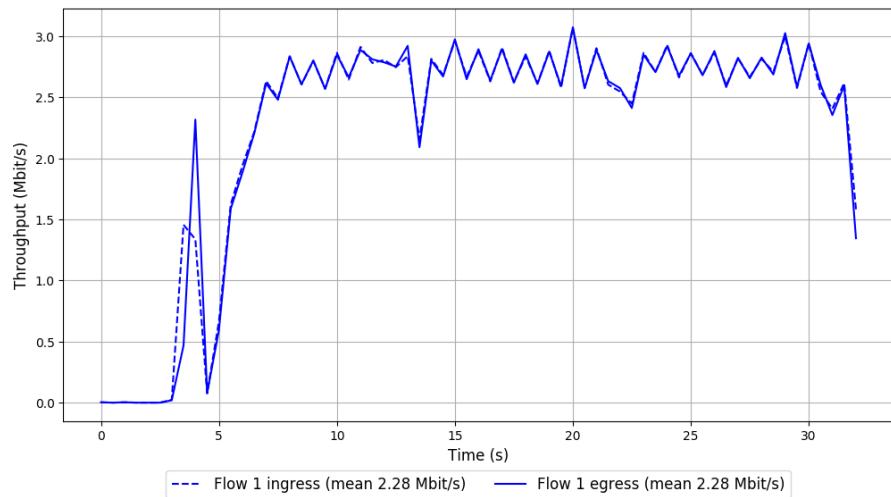


```
Run 3: Statistics of WebRTC media

Start at: 2017-08-29 08:23:20
End at: 2017-08-29 08:23:50
Local clock offset: 0.603 ms
Remote clock offset: 0.628 ms

# Below is generated by plot.py at 2017-08-29 15:01:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 43.007 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 43.007 ms
Loss rate: 0.31%
```

Run 3: Report of WebRTC media — Data Link

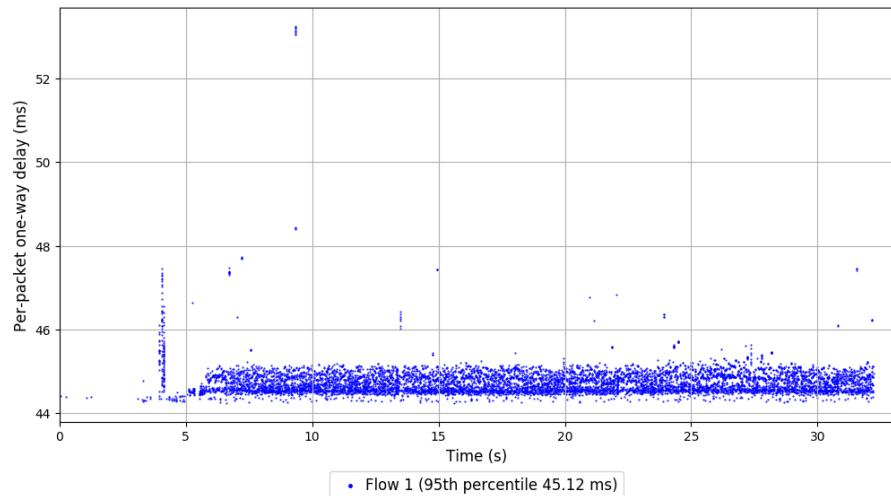
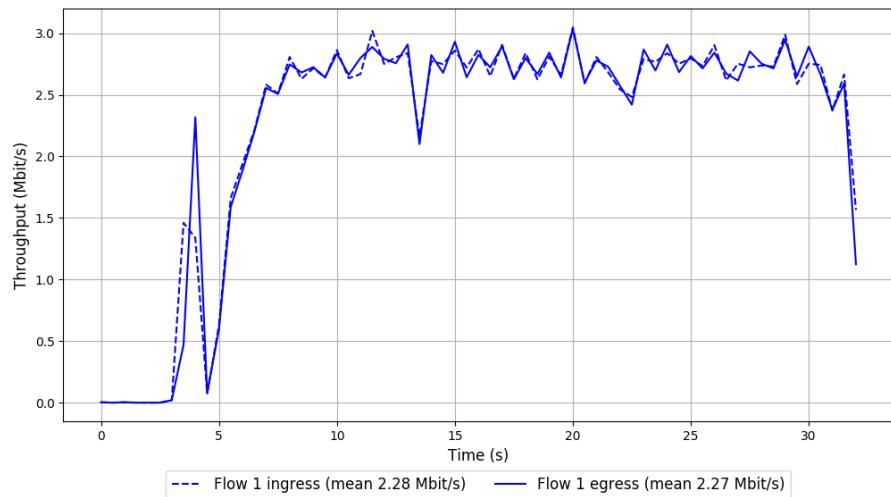


Run 4: Statistics of WebRTC media

```
Start at: 2017-08-29 08:43:38
End at: 2017-08-29 08:44:08
Local clock offset: 0.654 ms
Remote clock offset: -1.058 ms

# Below is generated by plot.py at 2017-08-29 15:01:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 45.118 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 45.118 ms
Loss rate: 0.45%
```

Run 4: Report of WebRTC media — Data Link

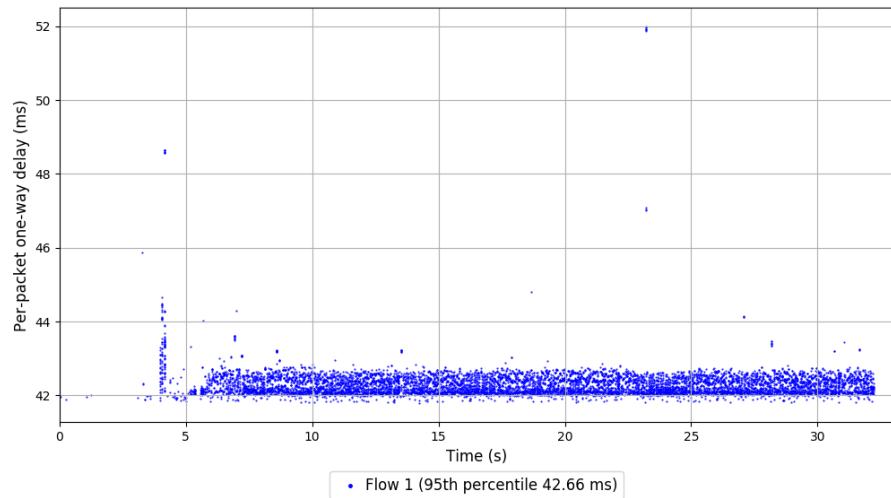
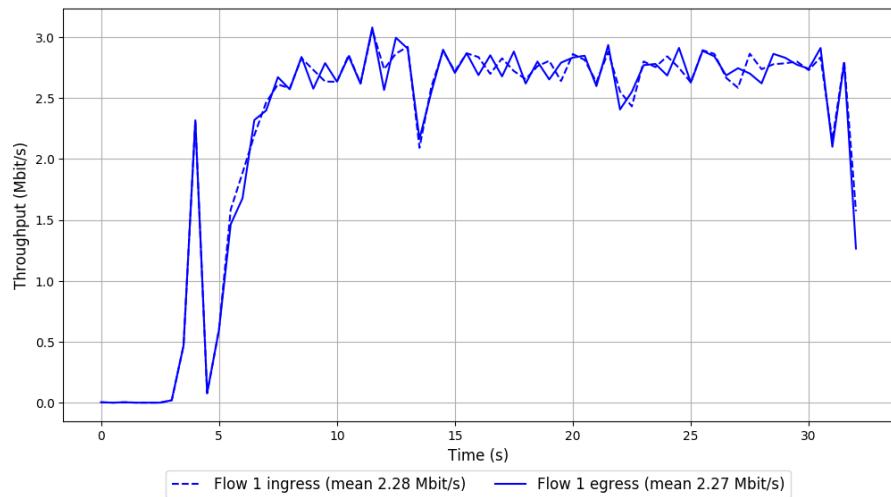


```
Run 5: Statistics of WebRTC media

Start at: 2017-08-29 09:03:58
End at: 2017-08-29 09:04:28
Local clock offset: 0.625 ms
Remote clock offset: 1.506 ms

# Below is generated by plot.py at 2017-08-29 15:01:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 42.660 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 42.660 ms
Loss rate: 0.36%
```

Run 5: Report of WebRTC media — Data Link

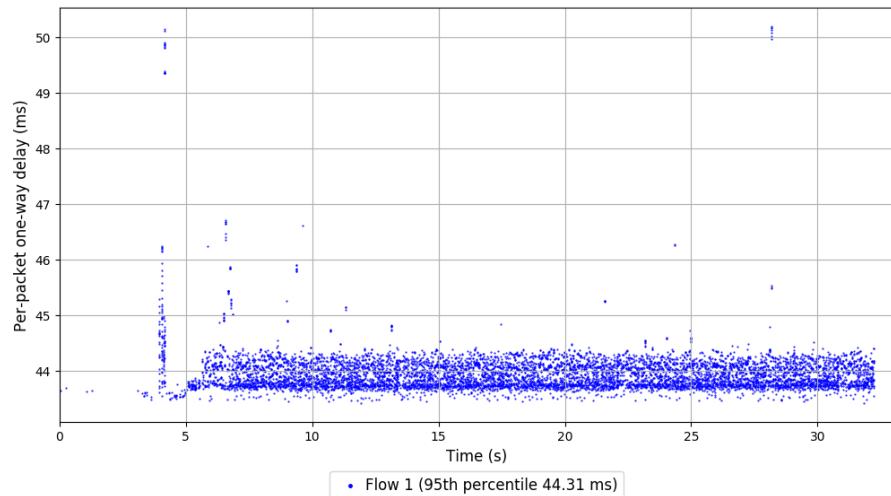
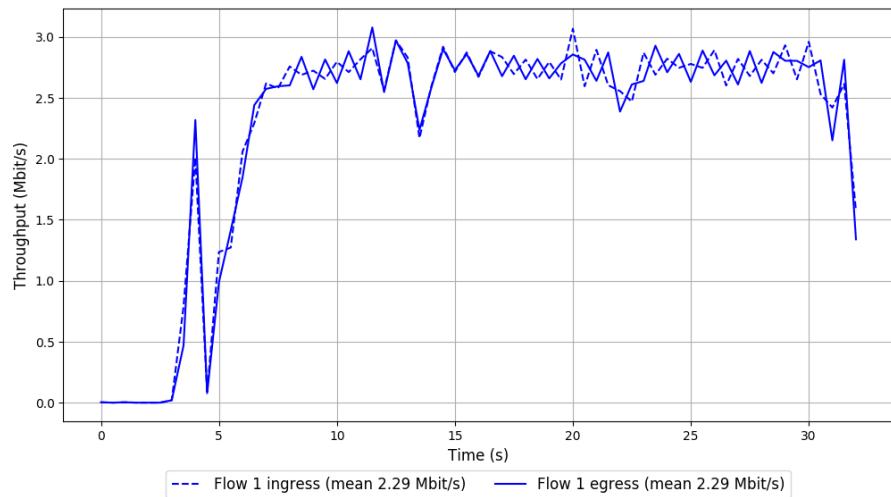


Run 6: Statistics of WebRTC media

```
Start at: 2017-08-29 09:24:22
End at: 2017-08-29 09:24:52
Local clock offset: 0.592 ms
Remote clock offset: -1.136 ms

# Below is generated by plot.py at 2017-08-29 15:01:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 44.313 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 44.313 ms
Loss rate: 0.31%
```

Run 6: Report of WebRTC media — Data Link

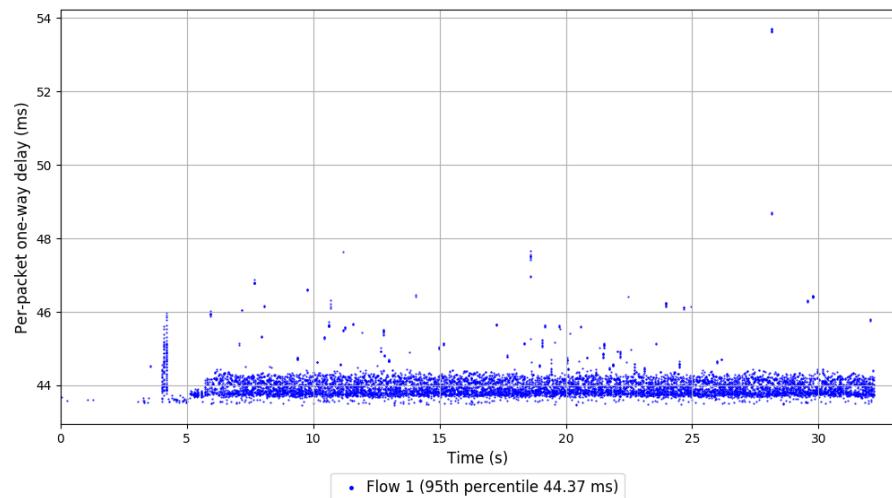
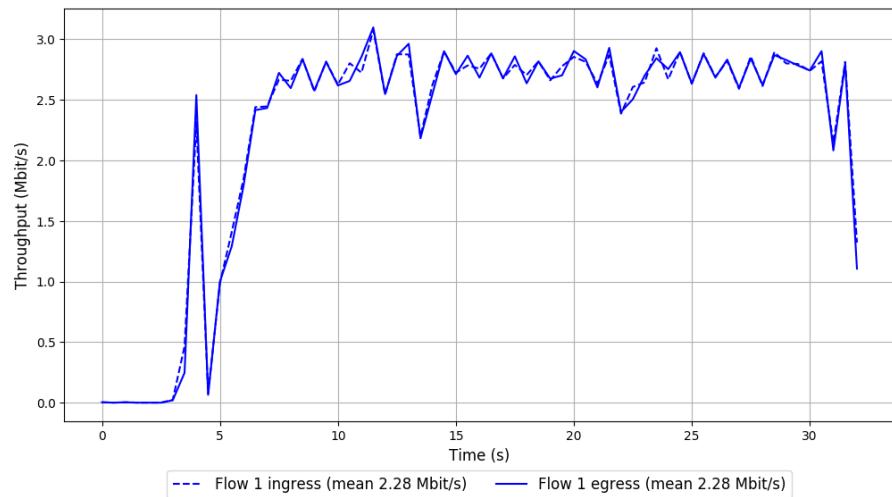


Run 7: Statistics of WebRTC media

```
Start at: 2017-08-29 09:44:43
End at: 2017-08-29 09:45:13
Local clock offset: 0.628 ms
Remote clock offset: -1.186 ms

# Below is generated by plot.py at 2017-08-29 15:01:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 44.371 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 44.371 ms
Loss rate: 0.29%
```

Run 7: Report of WebRTC media — Data Link

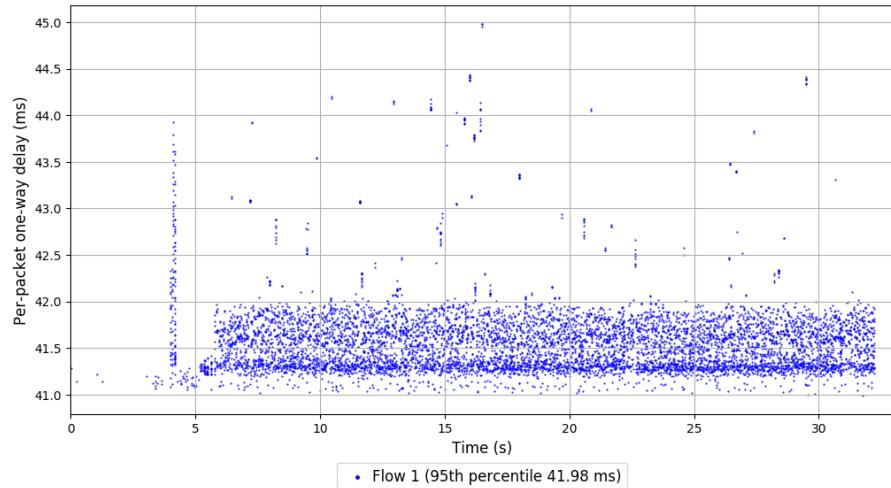
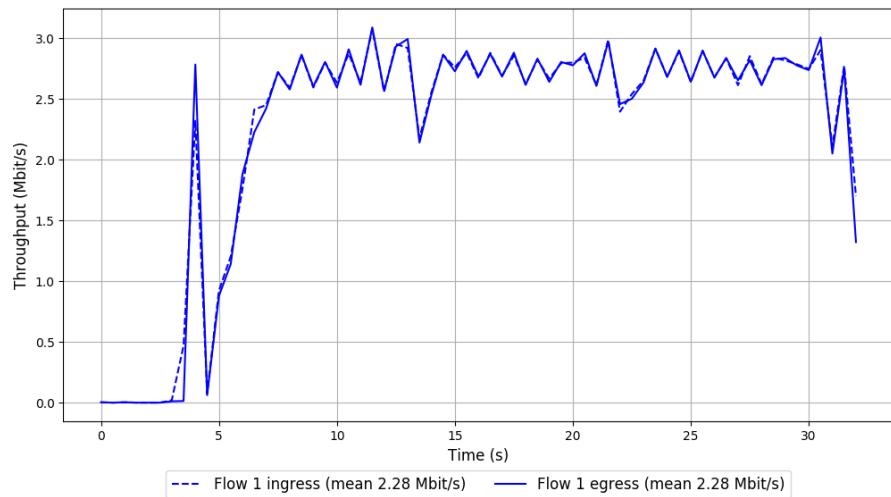


Run 8: Statistics of WebRTC media

```
Start at: 2017-08-29 10:05:03
End at: 2017-08-29 10:05:33
Local clock offset: 0.601 ms
Remote clock offset: 1.205 ms

# Below is generated by plot.py at 2017-08-29 15:01:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 41.976 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 41.976 ms
Loss rate: 0.40%
```

Run 8: Report of WebRTC media — Data Link

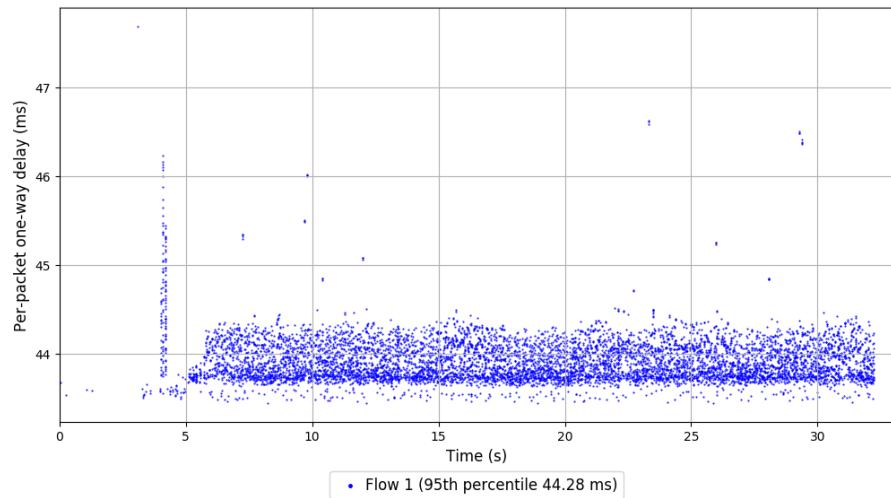
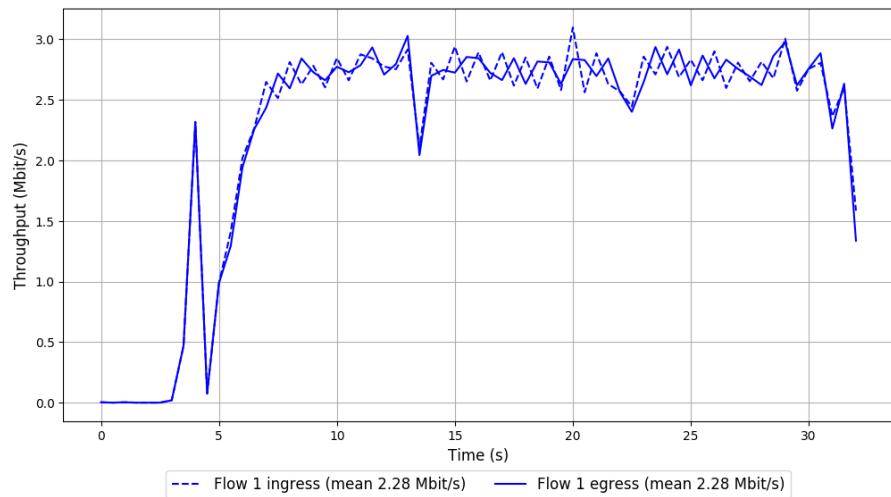


Run 9: Statistics of WebRTC media

```
Start at: 2017-08-29 10:25:23
End at: 2017-08-29 10:25:53
Local clock offset: 0.537 ms
Remote clock offset: -1.716 ms

# Below is generated by plot.py at 2017-08-29 15:01:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 44.281 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 44.281 ms
Loss rate: 0.31%
```

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

```
Start at: 2017-08-29 10:45:43
End at: 2017-08-29 10:46:13
Local clock offset: 0.458 ms
Remote clock offset: 0.273 ms

# Below is generated by plot.py at 2017-08-29 15:01:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 41.899 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 41.899 ms
Loss rate: 0.38%
```

Run 10: Report of WebRTC media — Data Link

