Pantheon Report

Generated at 2017-09-18 13:07:44 (UTC).

Data path: GCE London Ethernet (*remote*) →GCE Sydney Ethernet (*local*).

Repeated the test of 15 congestion control schemes 10 times.
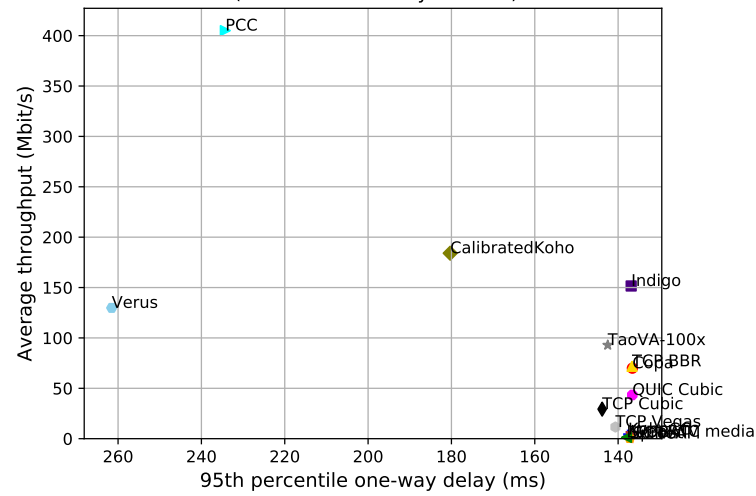
Each test lasted for 30 seconds running 1 flow.

Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

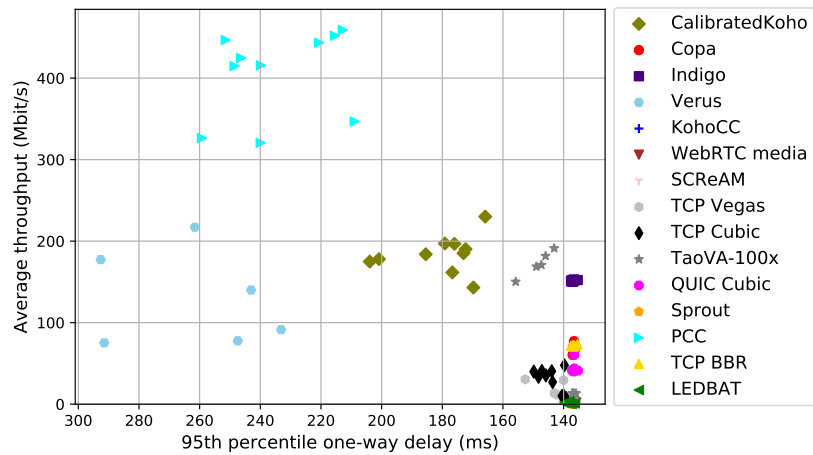Tested BBR with qdisc of Fair Queuing (`fq`), and other schemes with the default Linux qdisc (`pfifo_fast`).

```
Git summary:
branch: master @ 57453dc11f8da93a2e03eea75289fea01b816298
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
 M datagrump/sender.cc
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
 M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
 M receiver/src/buffer.h
 M receiver/src/core.cpp
 M sender/src/buffer.h
 M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
 M src/examples/cellsim.cc
 M src/examples/sproutbt2.cc
 M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
 M src/verus.hpp
 M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

test from GCE London Ethernet to GCE Sydney Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)

test from GCE London Ethernet to GCE Sydney Ethernet, 10 runs of 30s each per scheme

2

scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	71.83	136.66	1.01
CalibratedKoho	10	184.07	180.30	1.77
Copa	7	69.96	136.58	1.08
TCP Cubic	10	29.32	143.83	1.58
Indigo	10	151.56	136.87	1.03
KohoCC	8	4.20	137.62	1.19
LEDBAT	10	1.29	137.99	2.20
PCC	10	405.03	234.26	4.32
QUIC Cubic	10	43.37	136.60	0.72
SCReAM	10	0.22	136.50	0.89
Sprout	10	0.40	137.19	0.90
TaoVA-100x	10	92.91	142.49	0.99
TCP Vegas	10	11.58	140.65	1.61
Verus	6	129.82	261.53	5.43
WebRTC media	10	1.97	136.92	1.26

```
Run 1: Statistics of TCP BBR

Start at: 2017-09-18 08:20:35
End at: 2017-09-18 08:21:05

# Below is generated by plot.py at 2017-09-18 12:40:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.56 Mbit/s
95th percentile per-packet one-way delay: 135.415 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 73.56 Mbit/s
95th percentile per-packet one-way delay: 135.415 ms
Loss rate: 0.96%
```
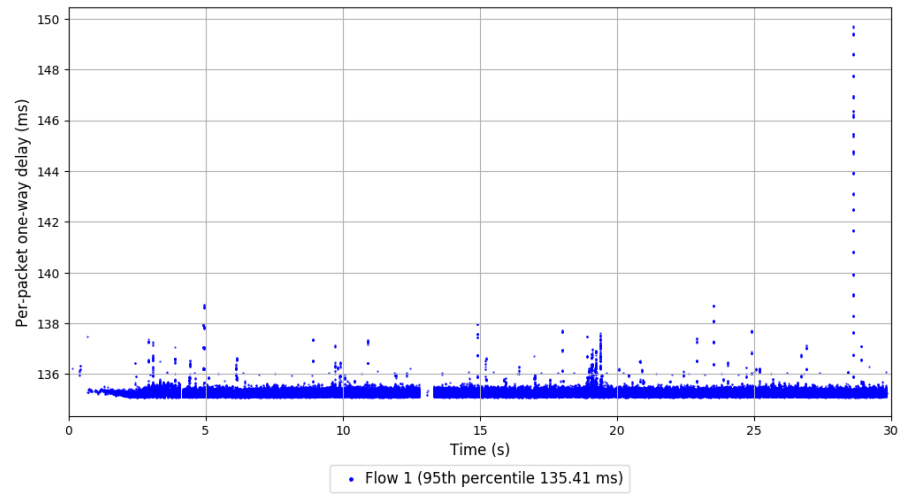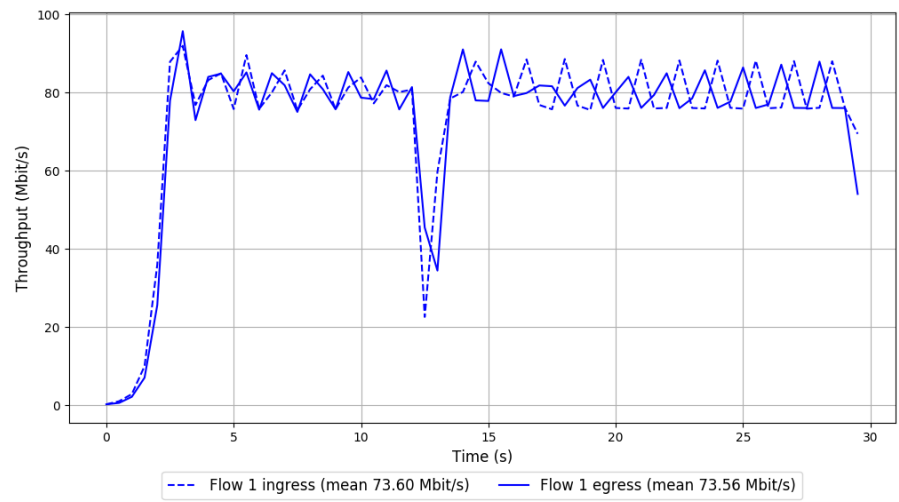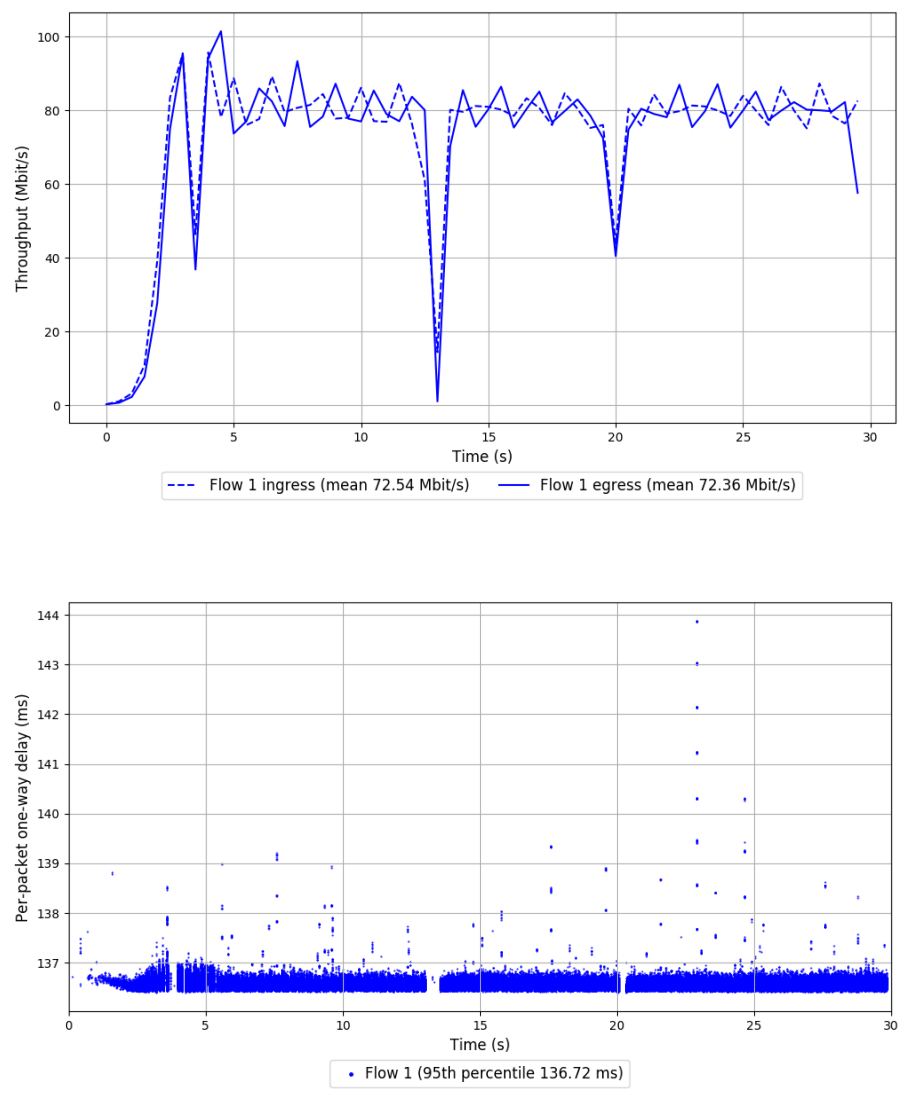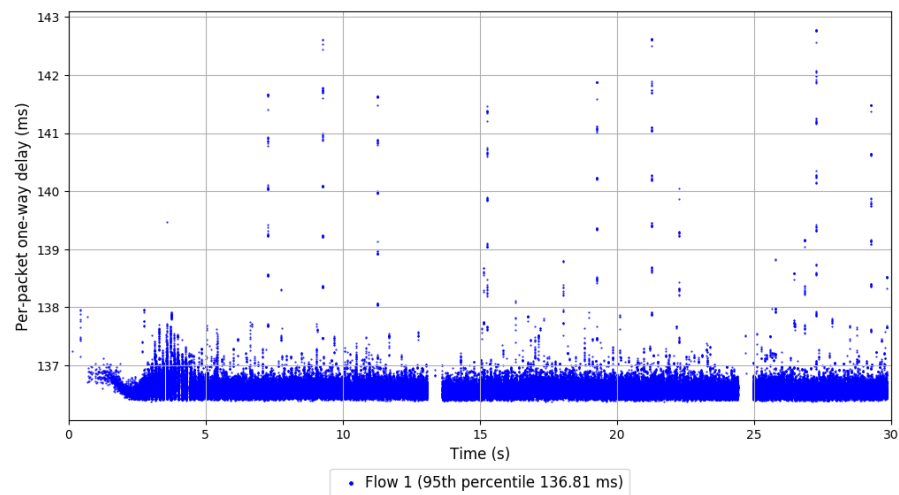
Run 1: Report of TCP BBR — Data Link

```
Run 2: Statistics of TCP BBR

Start at: 2017-09-18 08:32:32
End at: 2017-09-18 08:33:02

# Below is generated by plot.py at 2017-09-18 12:40:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.36 Mbit/s
95th percentile per-packet one-way delay: 136.715 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 72.36 Mbit/s
95th percentile per-packet one-way delay: 136.715 ms
Loss rate: 1.16%
```
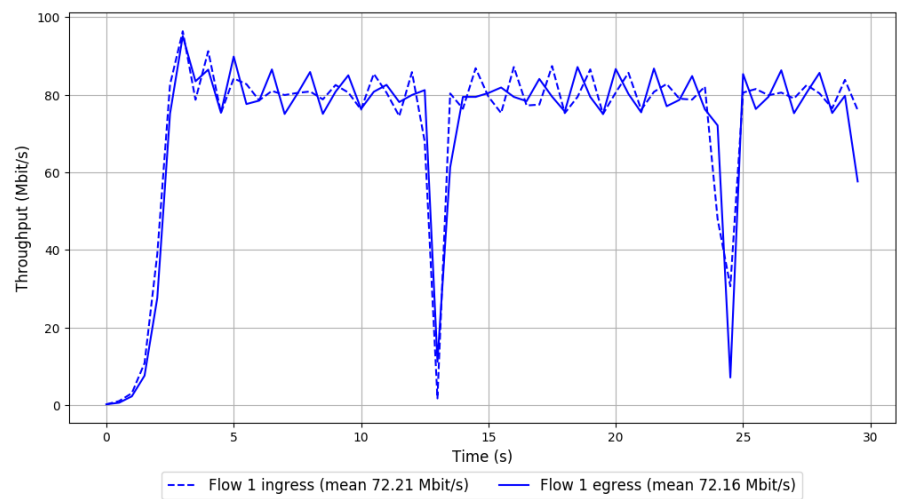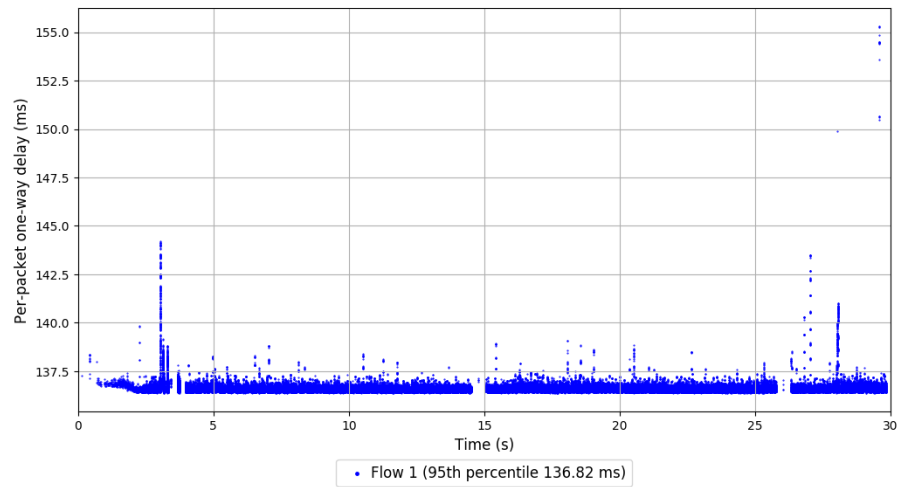
Run 2: Report of TCP BBR — Data Link

Flow 1 ingress (mean 72.54 Mbit/s) Flow 1 egress (mean 72.36 Mbit/s)

Flow 1 (95th percentile 136.72 ms)

```
Run 3: Statistics of TCP BBR

Start at: 2017-09-18 08:44:44
End at: 2017-09-18 08:45:14

# Below is generated by plot.py at 2017-09-18 12:40:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.16 Mbit/s
95th percentile per-packet one-way delay: 136.809 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 72.16 Mbit/s
95th percentile per-packet one-way delay: 136.809 ms
Loss rate: 0.99%
```
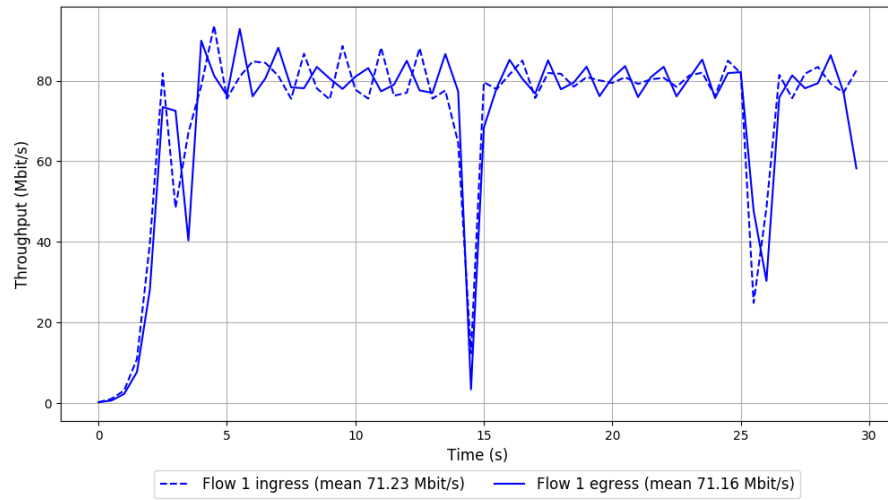
Run 3: Report of TCP BBR — Data Link

```
Run 4: Statistics of TCP BBR

Start at: 2017-09-18 08:56:45
End at: 2017-09-18 08:57:15

# Below is generated by plot.py at 2017-09-18 12:40:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.16 Mbit/s
95th percentile per-packet one-way delay: 136.817 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 71.16 Mbit/s
95th percentile per-packet one-way delay: 136.817 ms
Loss rate: 1.02%
```
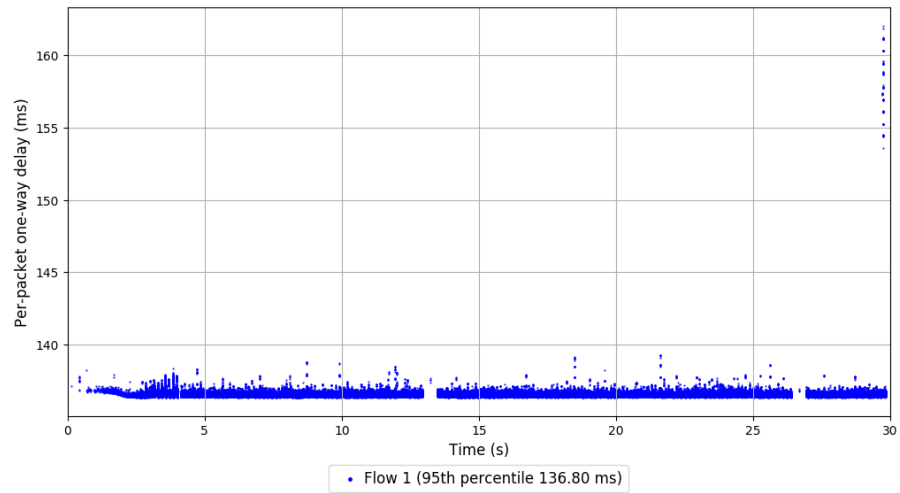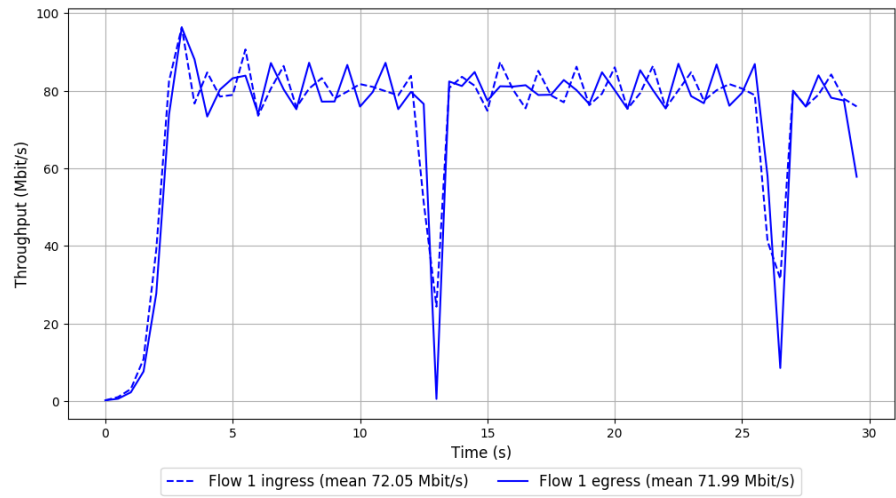
Run 4: Report of TCP BBR — Data Link

Flow 1 ingress (mean 71.23 Mbit/s)   Flow 1 egress (mean 71.16 Mbit/s)

Flow 1 (95th percentile 136.82 ms)

```
Run 5: Statistics of TCP BBR

Start at: 2017-09-18 09:09:08
End at: 2017-09-18 09:09:38

# Below is generated by plot.py at 2017-09-18 12:40:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.99 Mbit/s
95th percentile per-packet one-way delay: 136.797 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 71.99 Mbit/s
95th percentile per-packet one-way delay: 136.797 ms
Loss rate: 0.99%
```
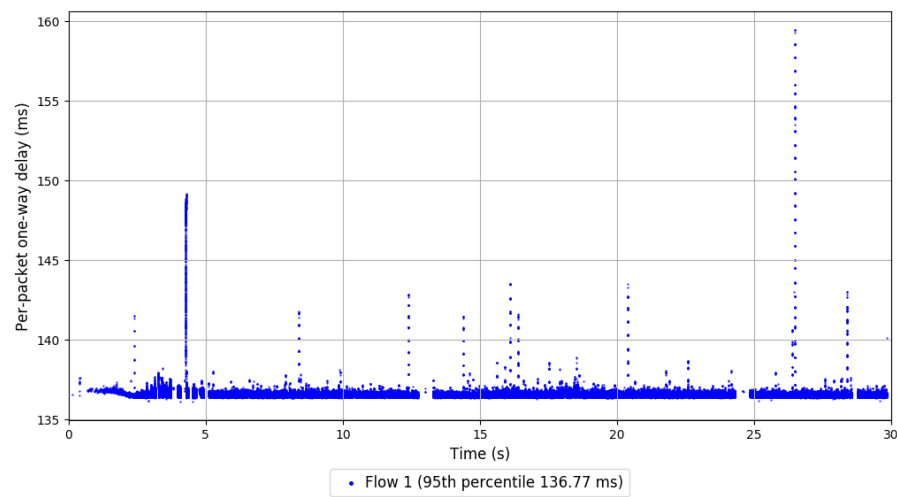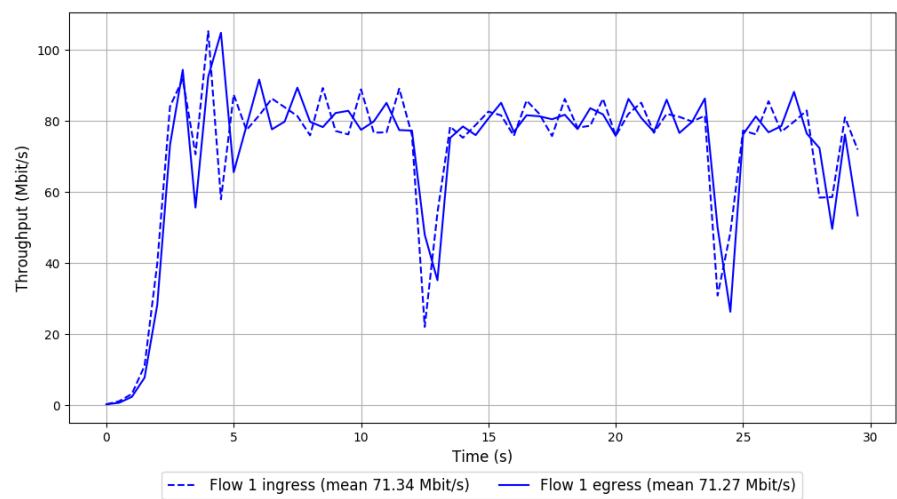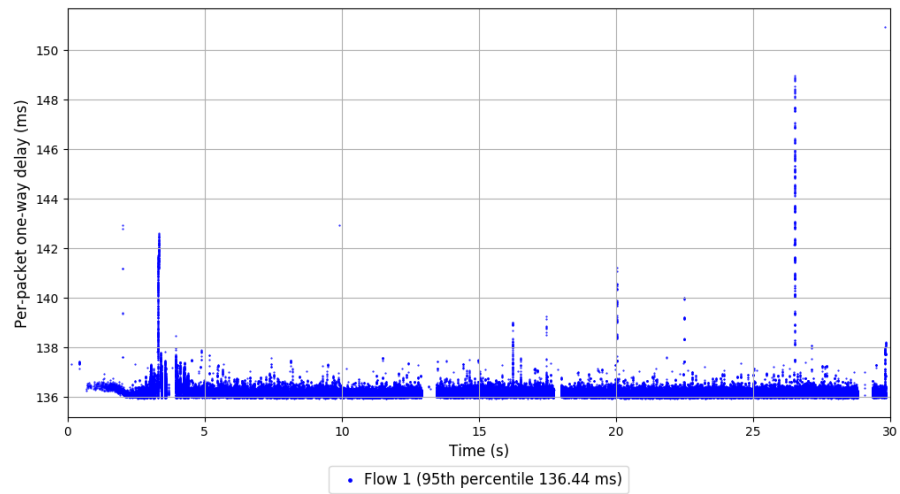
Run 5: Report of TCP BBR — Data Link

Flow 1 ingress (mean 72.05 Mbit/s)   Flow 1 egress (mean 71.99 Mbit/s)

Flow 1 (95th percentile 136.80 ms)

```
Run 6: Statistics of TCP BBR

Start at: 2017-09-18 09:21:31
End at: 2017-09-18 09:22:01

# Below is generated by plot.py at 2017-09-18 12:40:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.27 Mbit/s
95th percentile per-packet one-way delay: 136.771 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 71.27 Mbit/s
95th percentile per-packet one-way delay: 136.771 ms
Loss rate: 0.99%
```
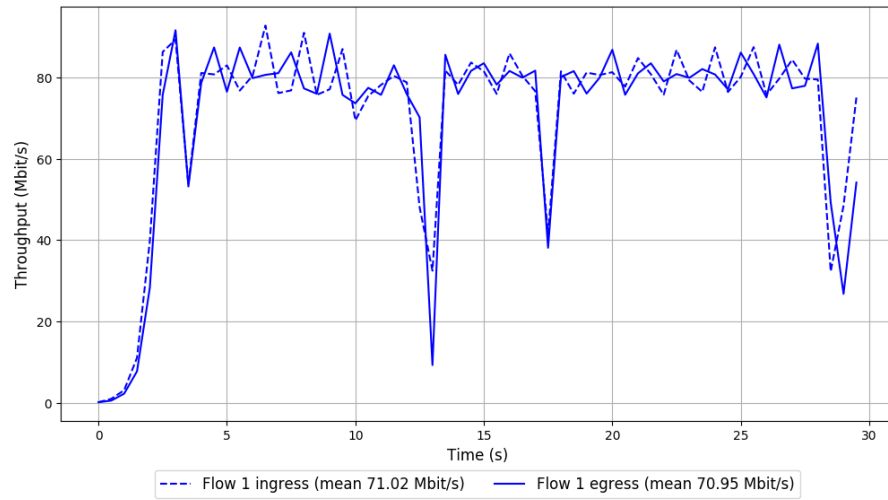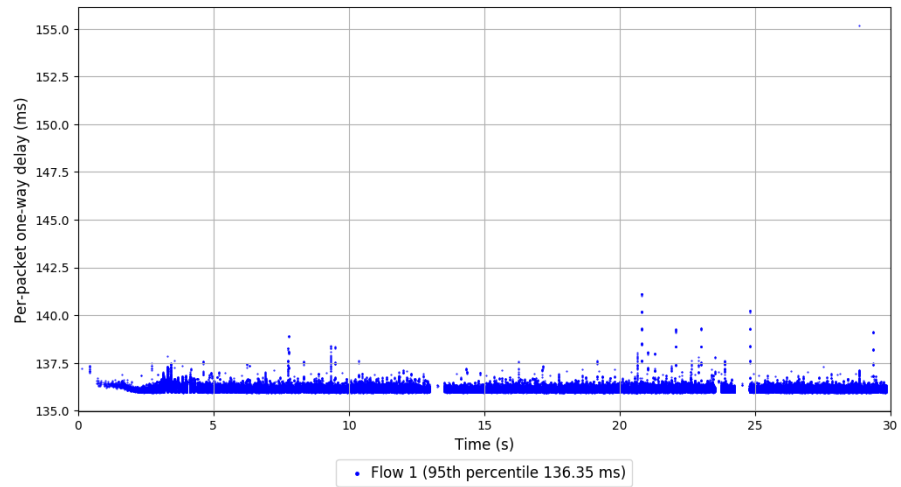
Run 6: Report of TCP BBR — Data Link

Flow 1 ingress (mean 71.34 Mbit/s)   Flow 1 egress (mean 71.27 Mbit/s)

Flow 1 (95th percentile 136.77 ms)

```
Run 7: Statistics of TCP BBR

Start at: 2017-09-18 09:34:06
End at: 2017-09-18 09:34:36

# Below is generated by plot.py at 2017-09-18 12:40:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.95 Mbit/s
95th percentile per-packet one-way delay: 136.440 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 70.95 Mbit/s
95th percentile per-packet one-way delay: 136.440 ms
Loss rate: 1.01%
```
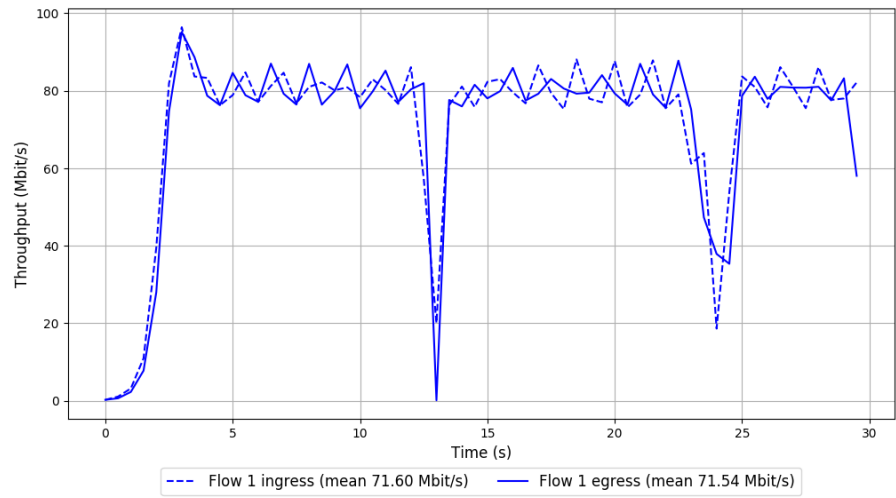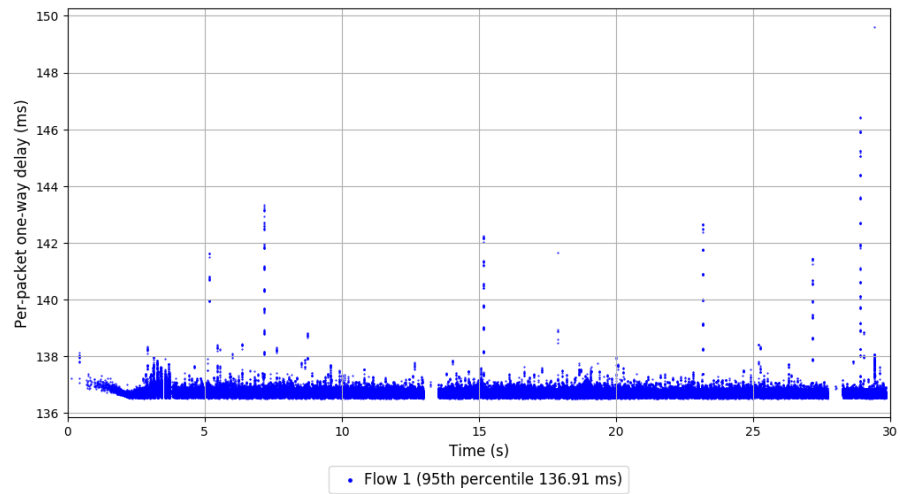
Run 7: Report of TCP BBR — Data Link

Flow 1 ingress (mean 71.02 Mbit/s) ----- Flow 1 egress (mean 70.95 Mbit/s)

• Flow 1 (95th percentile 136.44 ms)

```
Run 8: Statistics of TCP BBR

Start at: 2017-09-18 09:46:09
End at: 2017-09-18 09:46:39

# Below is generated by plot.py at 2017-09-18 12:40:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.54 Mbit/s
95th percentile per-packet one-way delay: 136.350 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 71.54 Mbit/s
95th percentile per-packet one-way delay: 136.350 ms
Loss rate: 1.00%
```
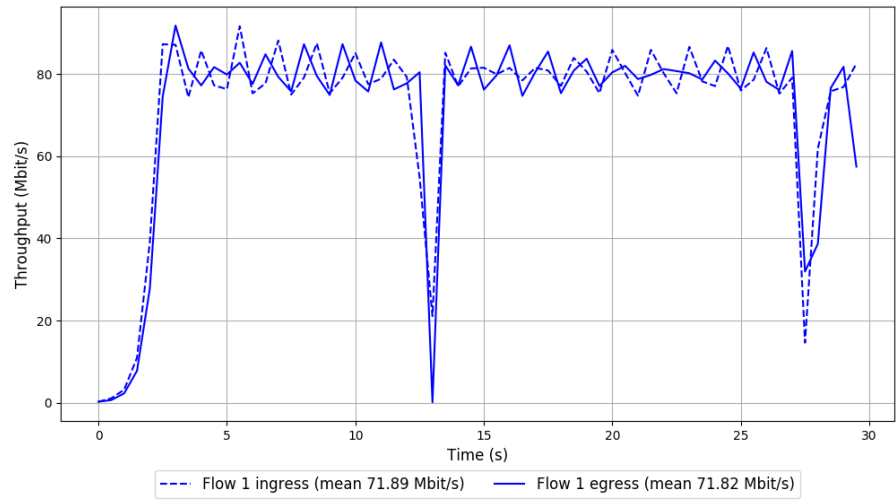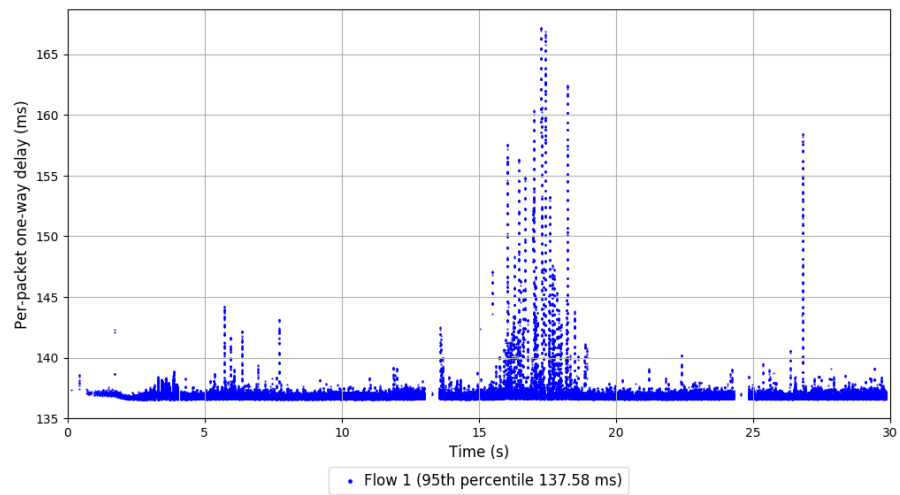
Run 8: Report of TCP BBR — Data Link

```
Run 9: Statistics of TCP BBR

Start at: 2017-09-18 09:58:25
End at: 2017-09-18 09:58:55

# Below is generated by plot.py at 2017-09-18 12:41:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.82 Mbit/s
95th percentile per-packet one-way delay: 136.910 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 71.82 Mbit/s
95th percentile per-packet one-way delay: 136.910 ms
Loss rate: 1.01%
```
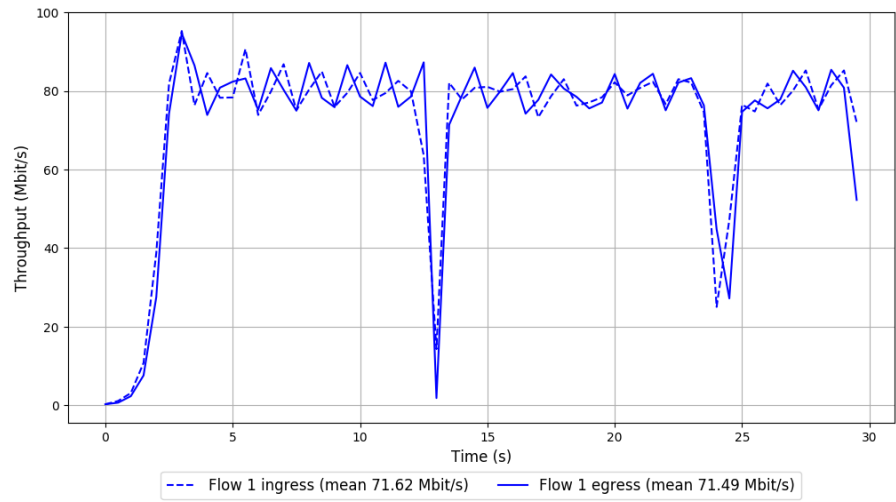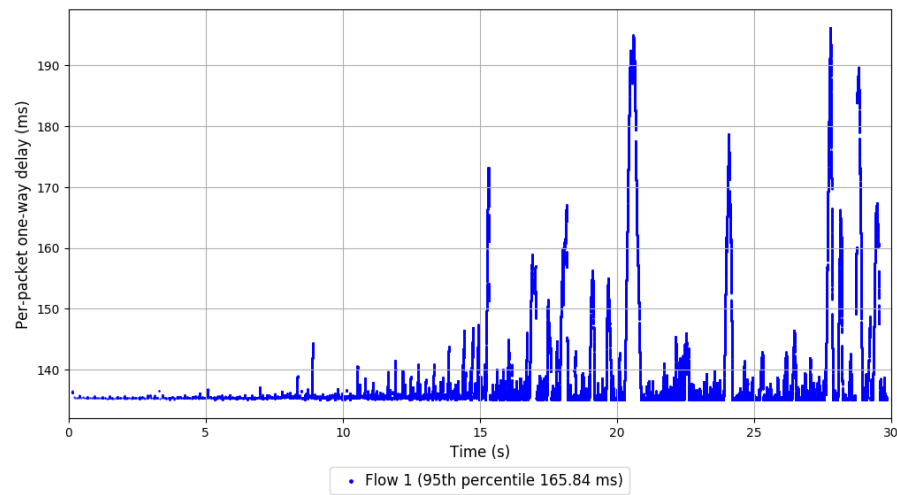
Run 9: Report of TCP BBR — Data Link

Flow 1 ingress (mean 71.89 Mbit/s) — Flow 1 egress (mean 71.82 Mbit/s)

Flow 1 (95th percentile 136.91 ms)

```
Run 10: Statistics of TCP BBR

Start at: 2017-09-18 10:10:46
End at: 2017-09-18 10:11:16

# Below is generated by plot.py at 2017-09-18 12:41:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.49 Mbit/s
95th percentile per-packet one-way delay: 137.580 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 71.49 Mbit/s
95th percentile per-packet one-way delay: 137.580 ms
Loss rate: 1.02%
```
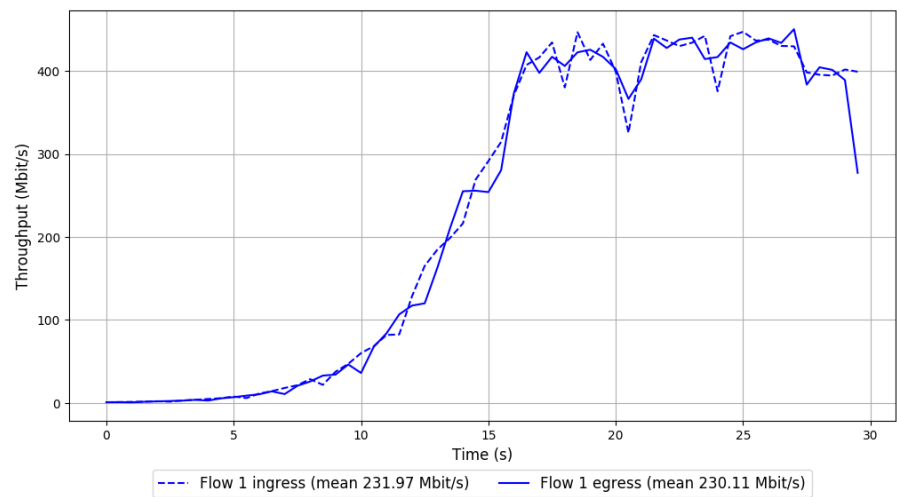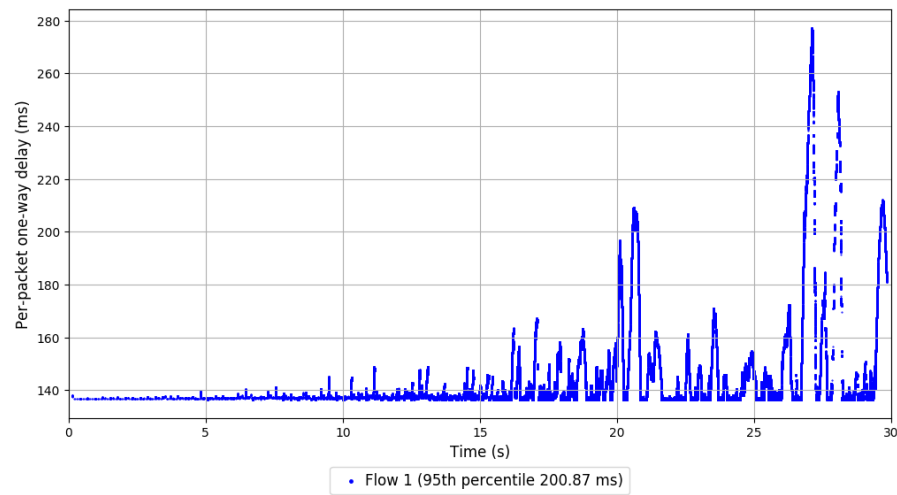
Run 10: Report of TCP BBR — Data Link

```
Run 1: Statistics of CalibratedKoho

Start at: 2017-09-18 08:25:52
End at: 2017-09-18 08:26:22

# Below is generated by plot.py at 2017-09-18 12:44:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 230.11 Mbit/s
95th percentile per-packet one-way delay: 165.844 ms
Loss rate: 1.71%
-- Flow 1:
Average throughput: 230.11 Mbit/s
95th percentile per-packet one-way delay: 165.844 ms
Loss rate: 1.71%
```
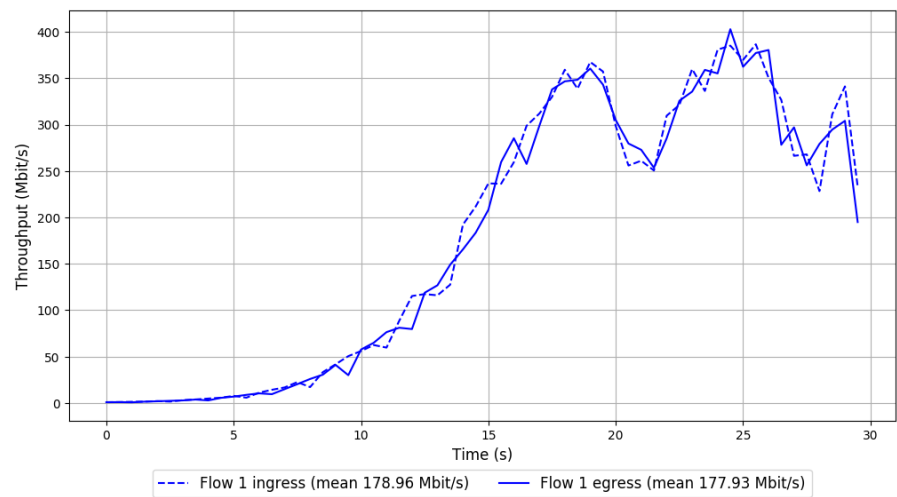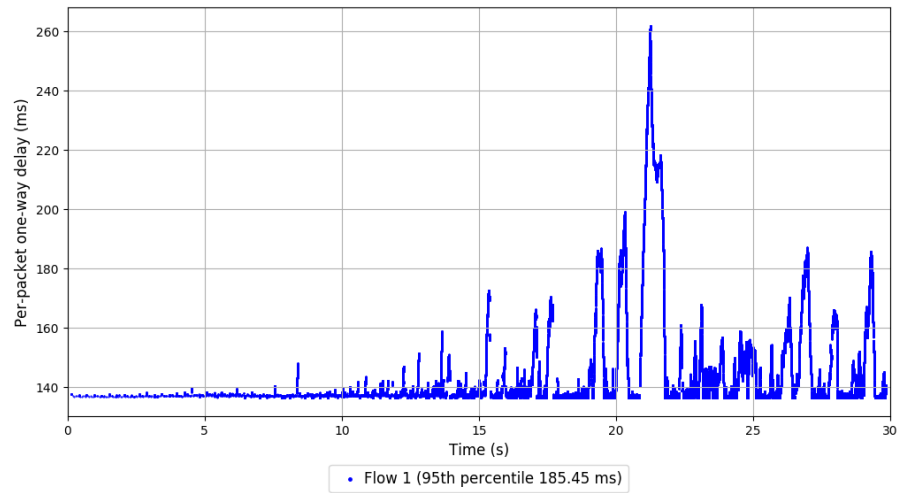
Run 1: Report of CalibratedKoho — Data Link

```
Run 2: Statistics of CalibratedKoho

Start at: 2017-09-18 08:37:54
End at: 2017-09-18 08:38:24

# Below is generated by plot.py at 2017-09-18 12:44:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 177.93 Mbit/s
95th percentile per-packet one-way delay: 200.874 ms
Loss rate: 1.49%
-- Flow 1:
Average throughput: 177.93 Mbit/s
95th percentile per-packet one-way delay: 200.874 ms
Loss rate: 1.49%
```
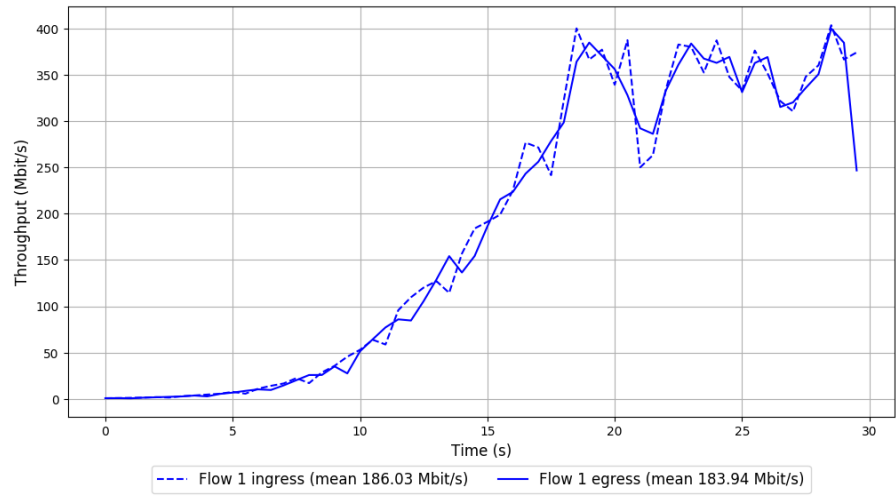
Run 2: Report of CalibratedKoho — Data Link

```
Run 3: Statistics of CalibratedKoho

Start at: 2017-09-18 08:50:06
End at: 2017-09-18 08:50:36

# Below is generated by plot.py at 2017-09-18 12:44:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 183.94 Mbit/s
95th percentile per-packet one-way delay: 185.451 ms
Loss rate: 2.03%
-- Flow 1:
Average throughput: 183.94 Mbit/s
95th percentile per-packet one-way delay: 185.451 ms
Loss rate: 2.03%
```
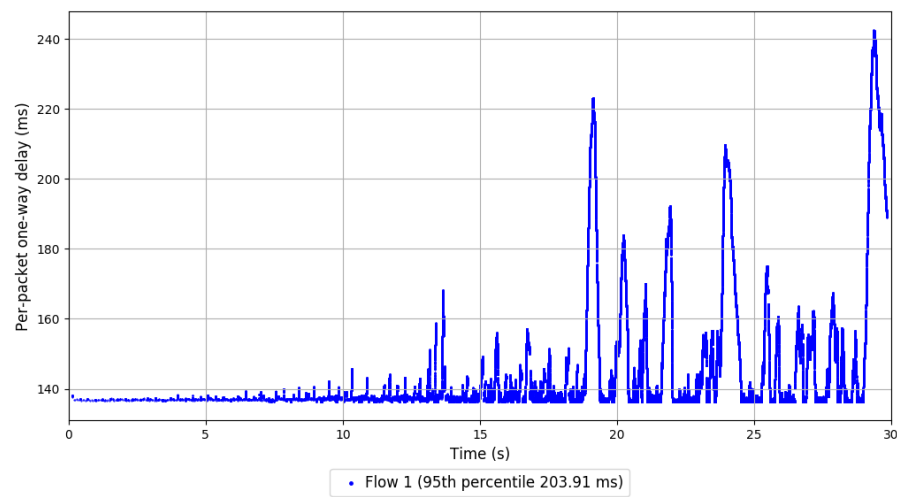
Run 3: Report of CalibratedKoho — Data Link

```
Run 4: Statistics of CalibratedKoho

Start at: 2017-09-18 09:02:28
End at: 2017-09-18 09:02:58

# Below is generated by plot.py at 2017-09-18 12:44:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 174.94 Mbit/s
95th percentile per-packet one-way delay: 203.911 ms
Loss rate: 1.51%
-- Flow 1:
Average throughput: 174.94 Mbit/s
95th percentile per-packet one-way delay: 203.911 ms
Loss rate: 1.51%
```
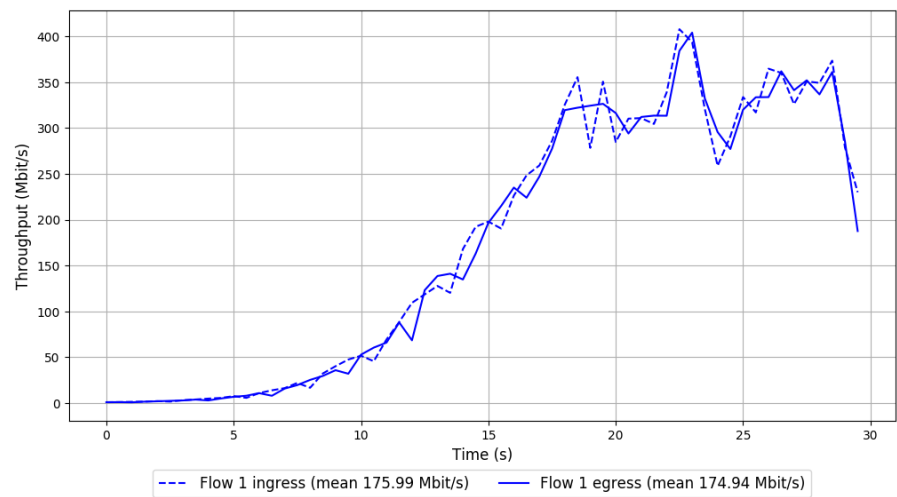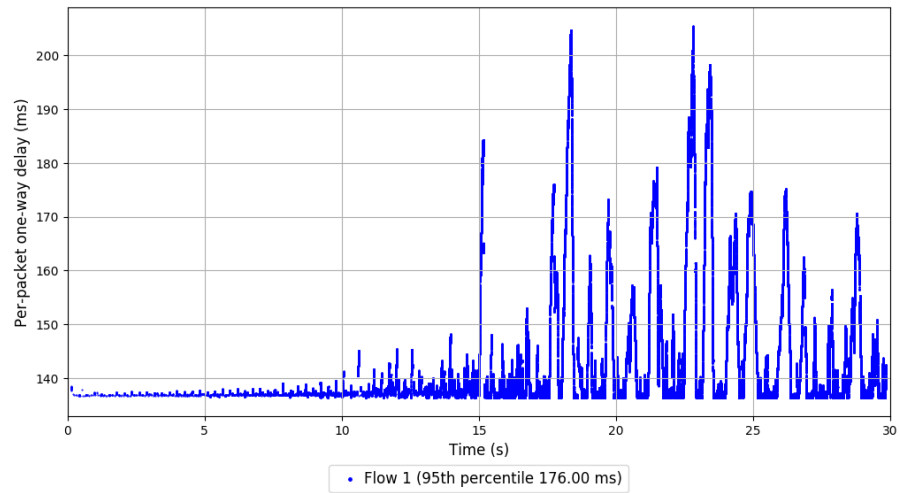
Run 4: Report of CalibratedKoho — Data Link

```
Run 5: Statistics of CalibratedKoho

Start at: 2017-09-18 09:14:49
End at: 2017-09-18 09:15:19

# Below is generated by plot.py at 2017-09-18 12:44:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 196.69 Mbit/s
95th percentile per-packet one-way delay: 175.997 ms
Loss rate: 2.02%
-- Flow 1:
Average throughput: 196.69 Mbit/s
95th percentile per-packet one-way delay: 175.997 ms
Loss rate: 2.02%
```
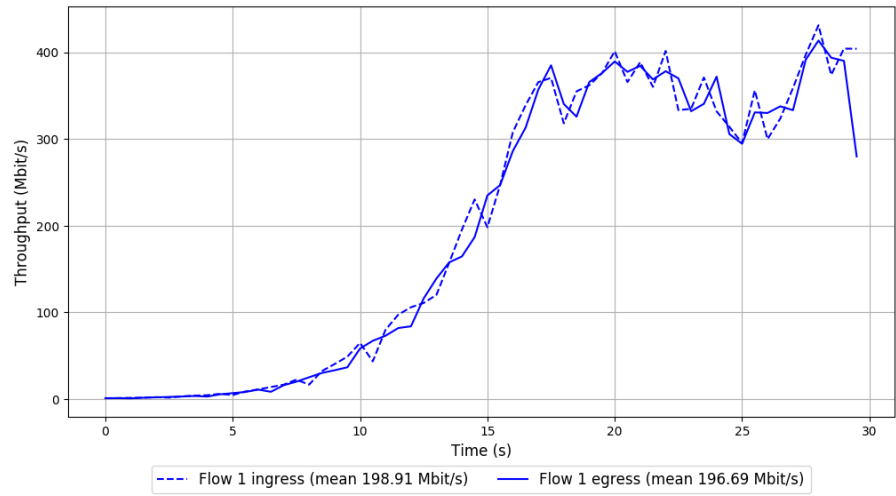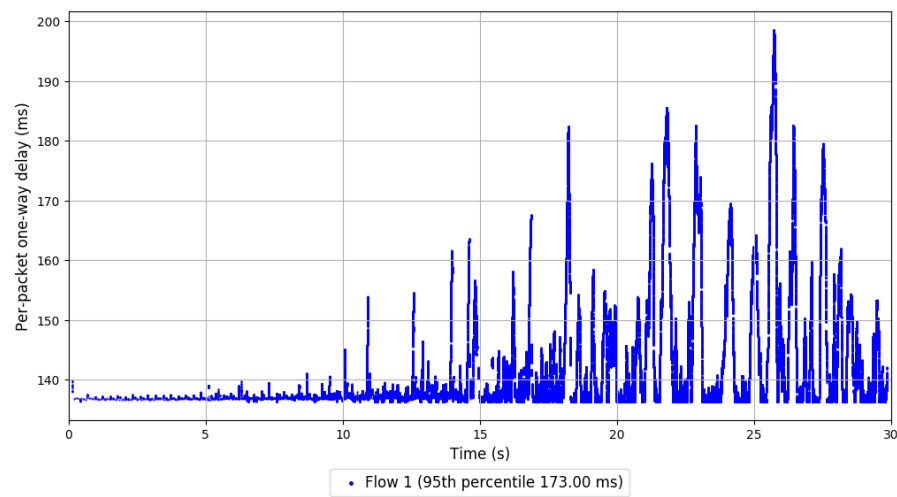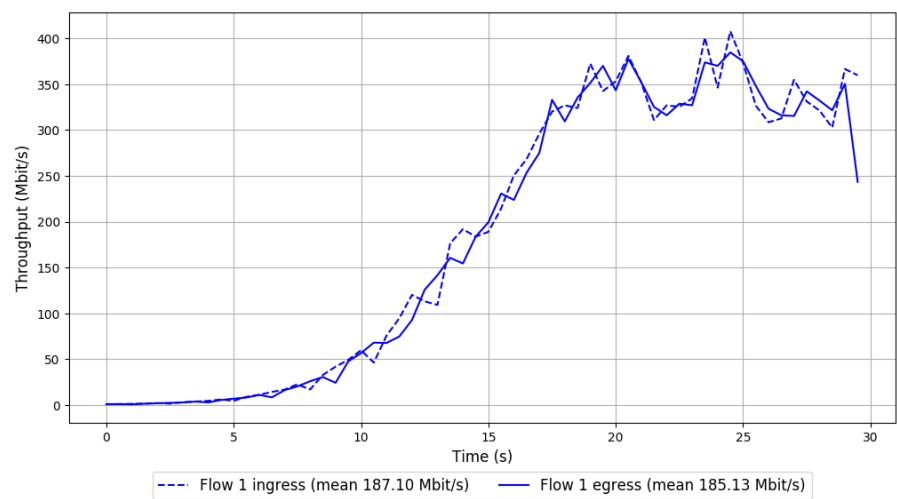
Run 5: Report of CalibratedKoho — Data Link

Flow 1 ingress (mean 198.91 Mbit/s) — Flow 1 egress (mean 196.69 Mbit/s)

• Flow 1 (95th percentile 176.00 ms)

```
Run 6: Statistics of CalibratedKoho

Start at: 2017-09-18 09:27:11
End at: 2017-09-18 09:27:41

# Below is generated by plot.py at 2017-09-18 12:44:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 185.13 Mbit/s
95th percentile per-packet one-way delay: 173.000 ms
Loss rate: 1.96%
-- Flow 1:
Average throughput: 185.13 Mbit/s
95th percentile per-packet one-way delay: 173.000 ms
Loss rate: 1.96%
```
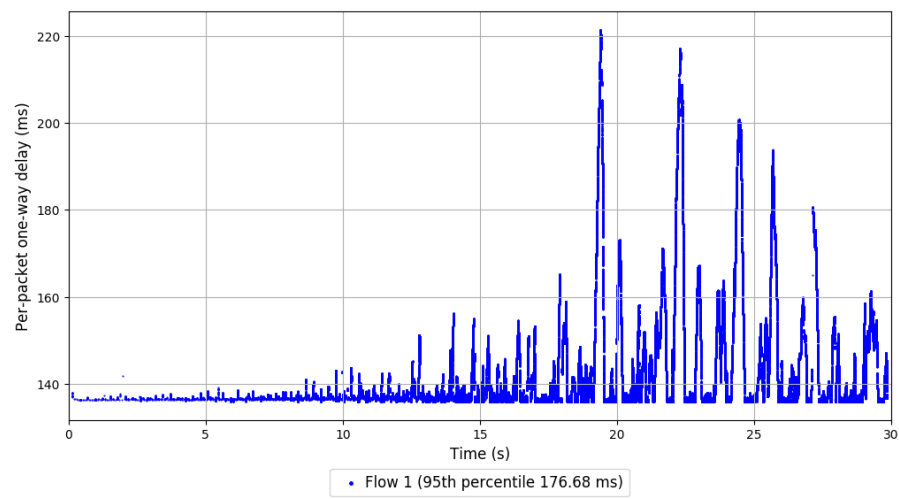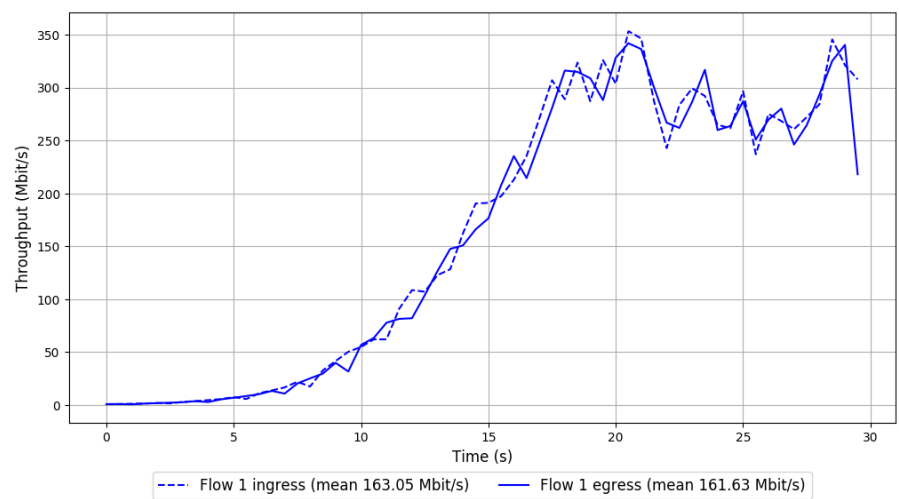
Run 6: Report of CalibratedKoho — Data Link

Flow 1 ingress (mean 187.10 Mbit/s)   Flow 1 egress (mean 185.13 Mbit/s)

Flow 1 (95th percentile 173.00 ms)

```
Run 7: Statistics of CalibratedKoho

Start at: 2017-09-18 09:39:28
End at: 2017-09-18 09:39:58

# Below is generated by plot.py at 2017-09-18 12:44:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 161.63 Mbit/s
95th percentile per-packet one-way delay: 176.678 ms
Loss rate: 1.78%
-- Flow 1:
Average throughput: 161.63 Mbit/s
95th percentile per-packet one-way delay: 176.678 ms
Loss rate: 1.78%
```
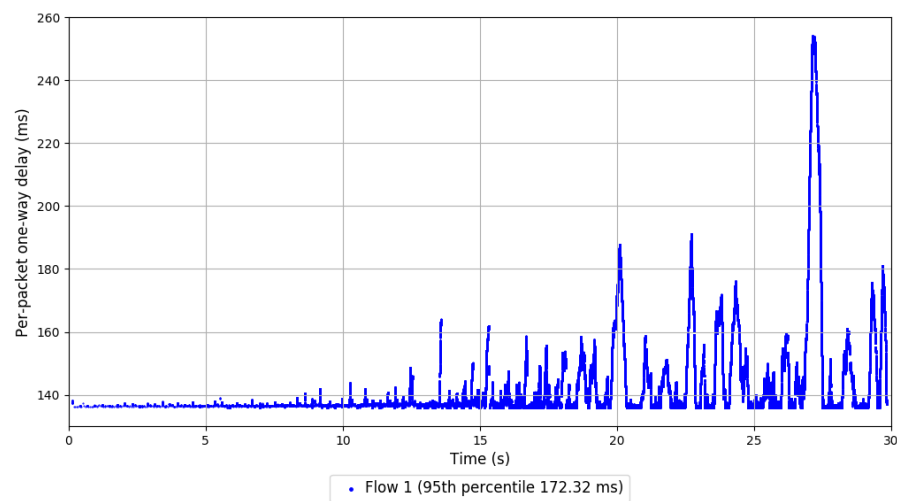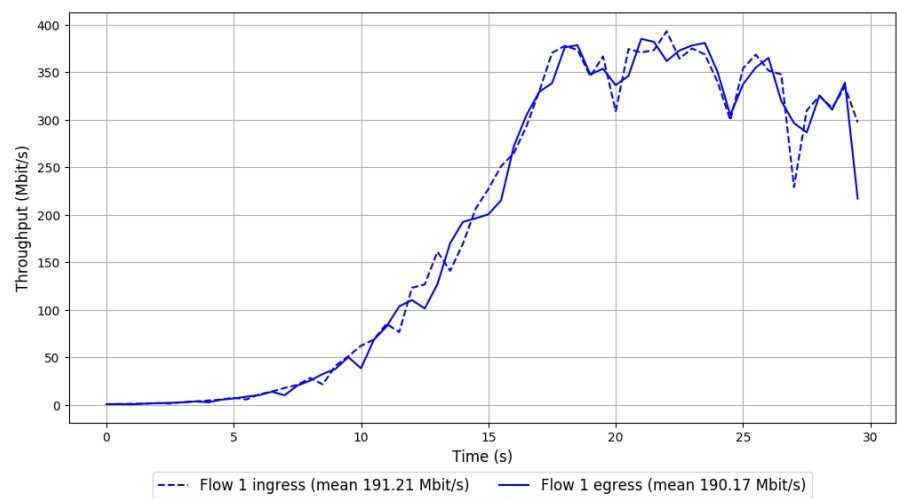
Run 7: Report of CalibratedKoho — Data Link

Flow 1 ingress (mean 163.05 Mbit/s)   Flow 1 egress (mean 161.63 Mbit/s)

Flow 1 (95th percentile 176.68 ms)

```
Run 8: Statistics of CalibratedKoho

Start at: 2017-09-18 09:51:46
End at: 2017-09-18 09:52:16

# Below is generated by plot.py at 2017-09-18 12:44:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 190.17 Mbit/s
95th percentile per-packet one-way delay: 172.319 ms
Loss rate: 1.45%
-- Flow 1:
Average throughput: 190.17 Mbit/s
95th percentile per-packet one-way delay: 172.319 ms
Loss rate: 1.45%
```
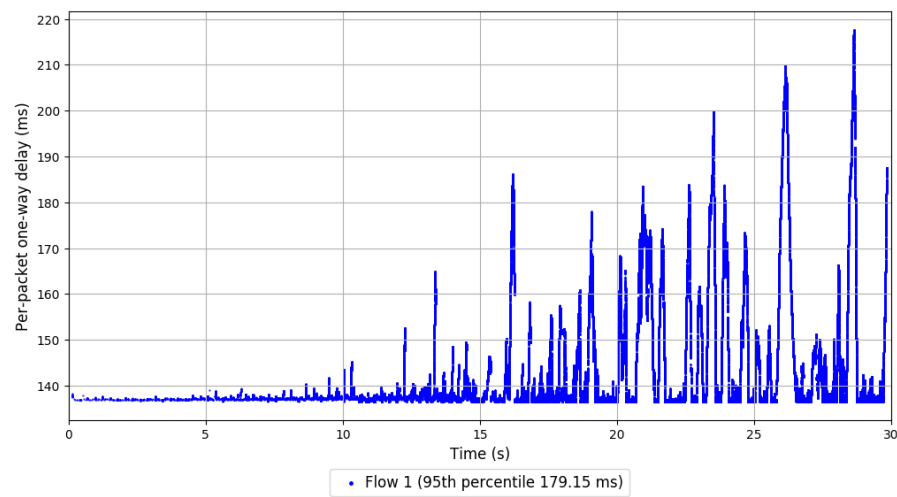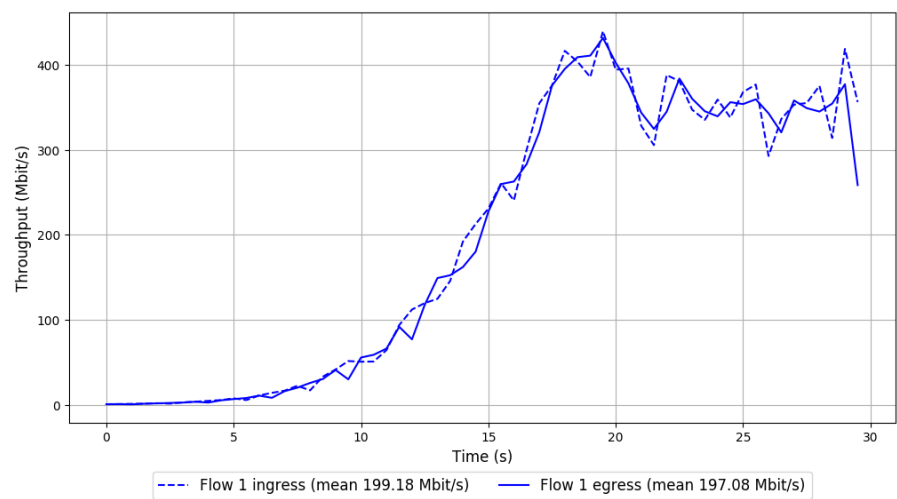
Run 8: Report of CalibratedKoho — Data Link

```
Run 9: Statistics of CalibratedKoho

Start at: 2017-09-18 10:04:05
End at: 2017-09-18 10:04:35

# Below is generated by plot.py at 2017-09-18 12:47:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 197.08 Mbit/s
95th percentile per-packet one-way delay: 179.150 ms
Loss rate: 1.96%
-- Flow 1:
Average throughput: 197.08 Mbit/s
95th percentile per-packet one-way delay: 179.150 ms
Loss rate: 1.96%
```
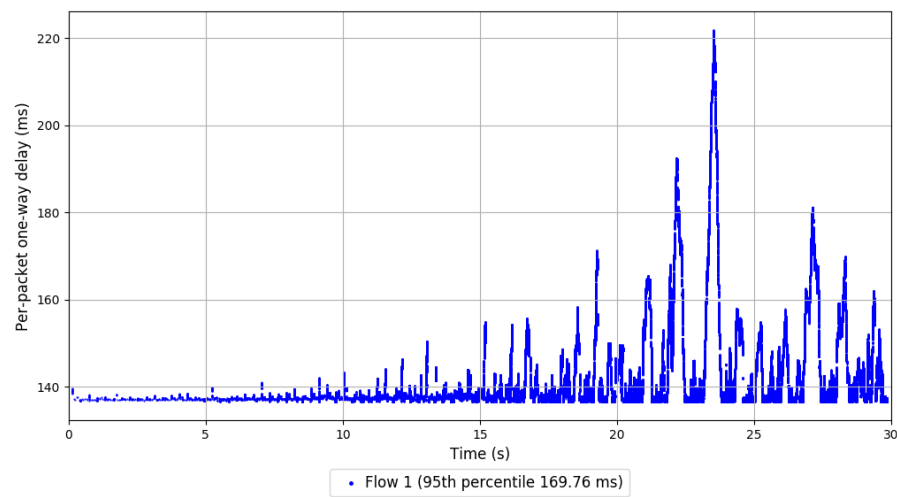
Run 9: Report of CalibratedKoho — Data Link

```
Run 10: Statistics of CalibratedKoho

Start at: 2017-09-18 10:16:10
End at: 2017-09-18 10:16:40

# Below is generated by plot.py at 2017-09-18 12:47:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 143.10 Mbit/s
95th percentile per-packet one-way delay: 169.758 ms
Loss rate: 1.84%
-- Flow 1:
Average throughput: 143.10 Mbit/s
95th percentile per-packet one-way delay: 169.758 ms
Loss rate: 1.84%
```
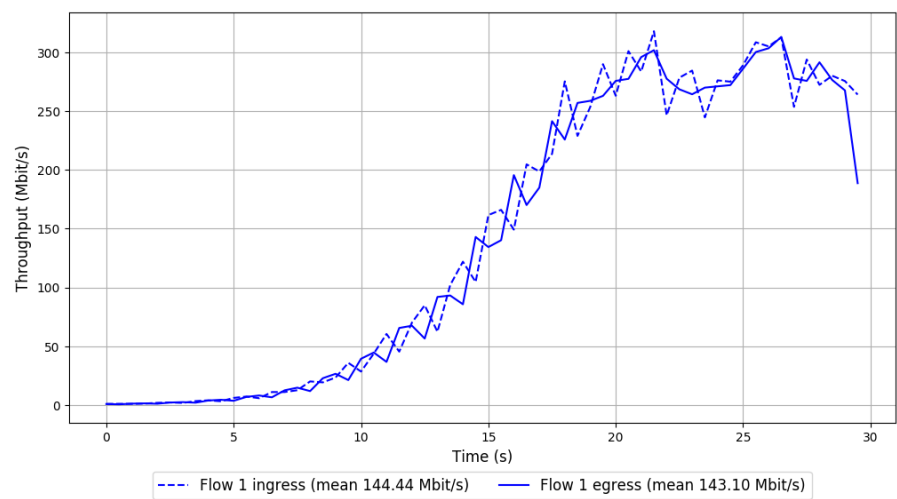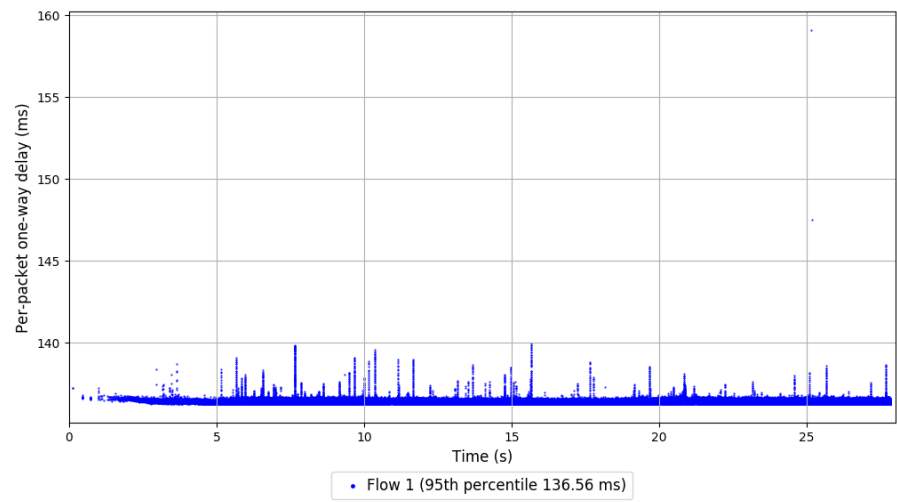
Run 10: Report of CalibratedKoho — Data Link

```
Run 1: Statistics of Copa

Start at: 2017-09-18 08:31:40
End at: 2017-09-18 08:32:10

# Below is generated by plot.py at 2017-09-18 12:47:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.33 Mbit/s
95th percentile per-packet one-way delay: 136.563 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 77.33 Mbit/s
95th percentile per-packet one-way delay: 136.563 ms
Loss rate: 1.06%
```
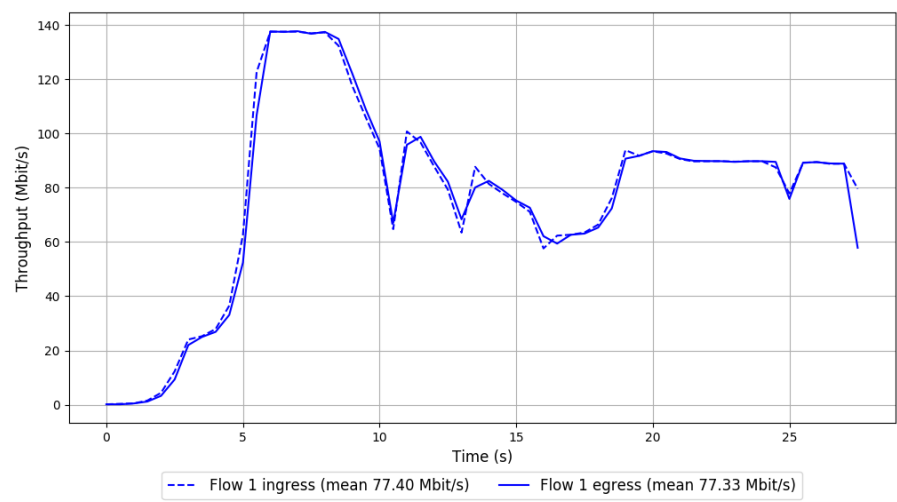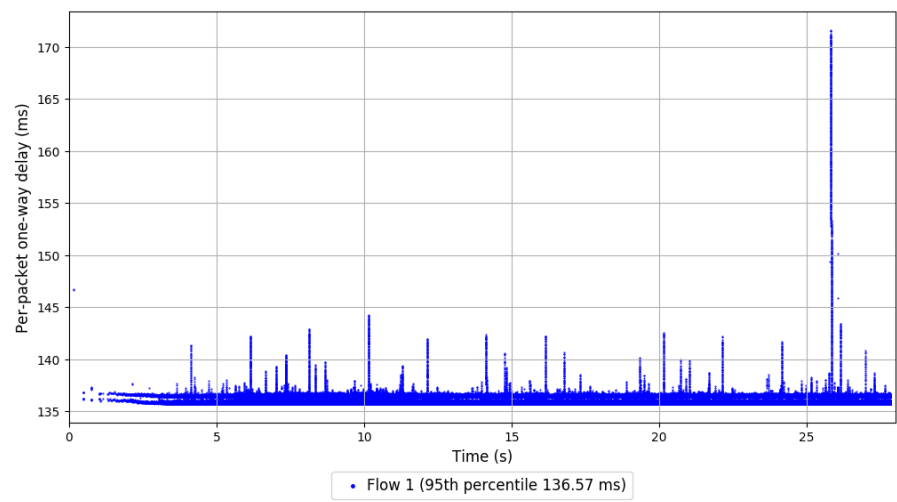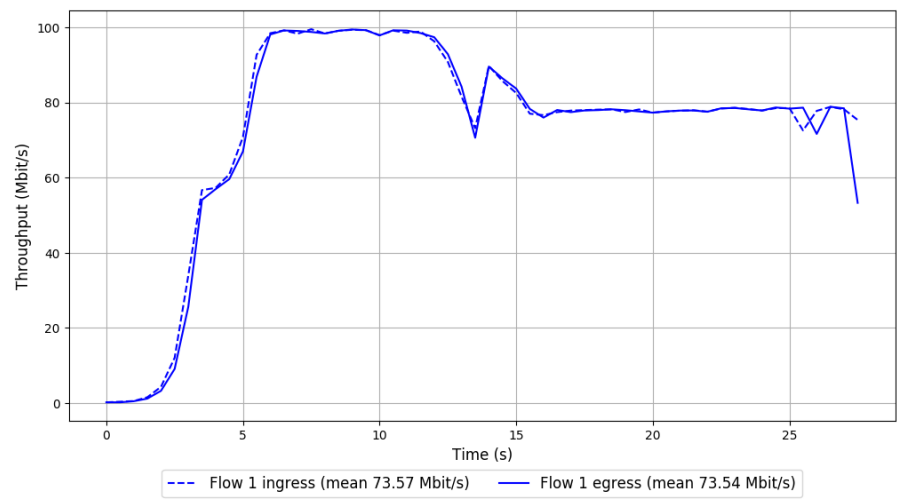
Run 1: Report of Copa — Data Link

Flow 1 ingress (mean 77.40 Mbit/s)   Flow 1 egress (mean 77.33 Mbit/s)

• Flow 1 (95th percentile 136.56 ms)

```
Run 2: Statistics of Copa

Start at: 2017-09-18 08:43:52
End at: 2017-09-18 08:44:22

# Below is generated by plot.py at 2017-09-18 12:47:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.54 Mbit/s
95th percentile per-packet one-way delay: 136.574 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 73.54 Mbit/s
95th percentile per-packet one-way delay: 136.574 ms
Loss rate: 1.05%
```
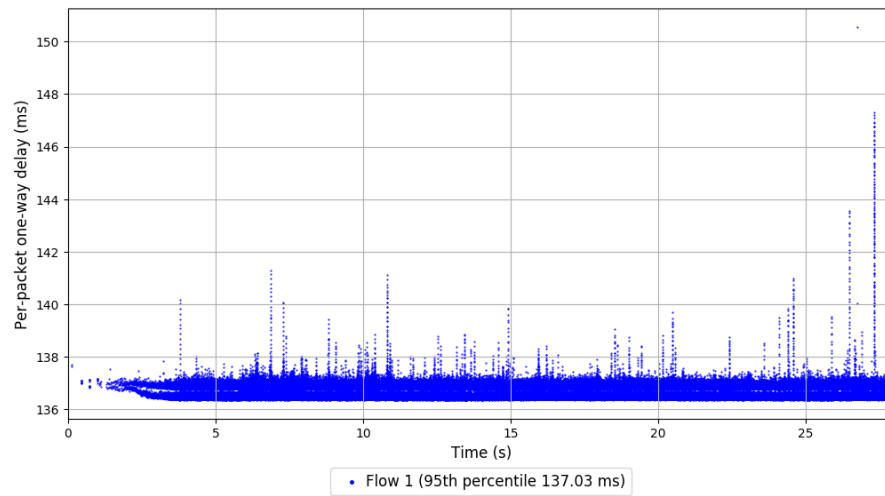
Run 2: Report of Copa — Data Link

```
Run 3: Statistics of Copa

Start at: 2017-09-18 08:55:53
End at: 2017-09-18 08:56:23

# Below is generated by plot.py at 2017-09-18 12:47:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.43 Mbit/s
95th percentile per-packet one-way delay: 137.027 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 60.43 Mbit/s
95th percentile per-packet one-way delay: 137.027 ms
Loss rate: 1.14%
```
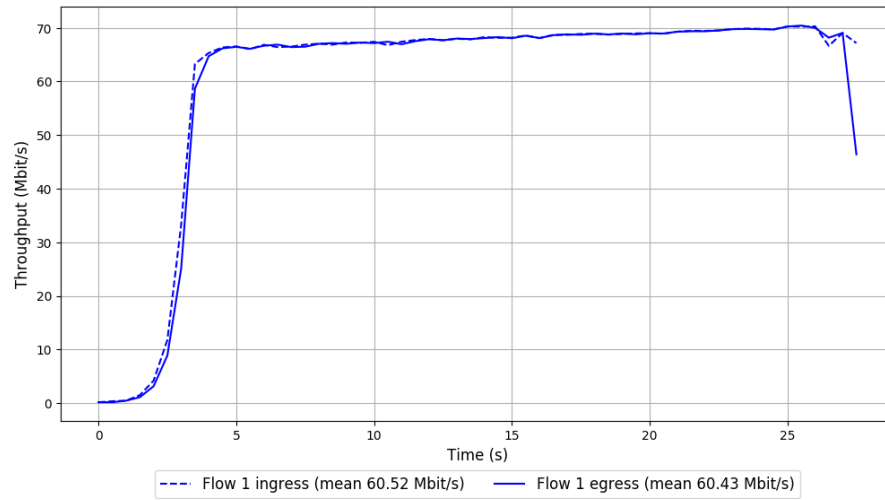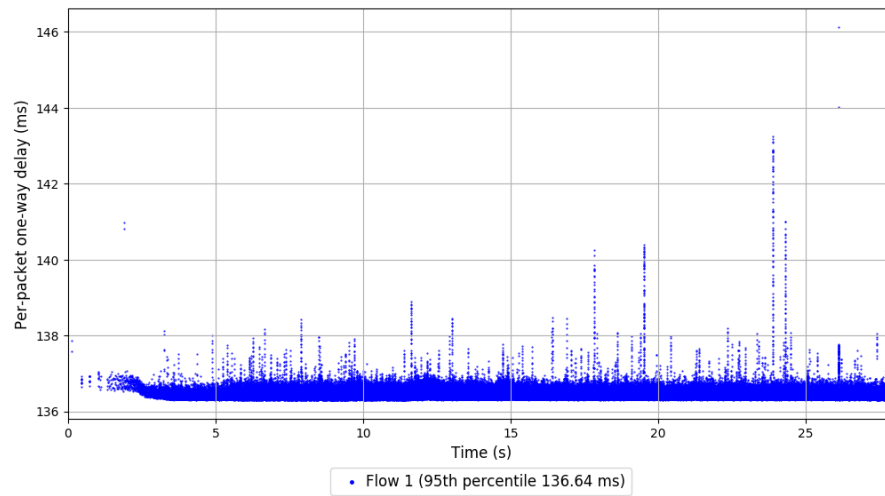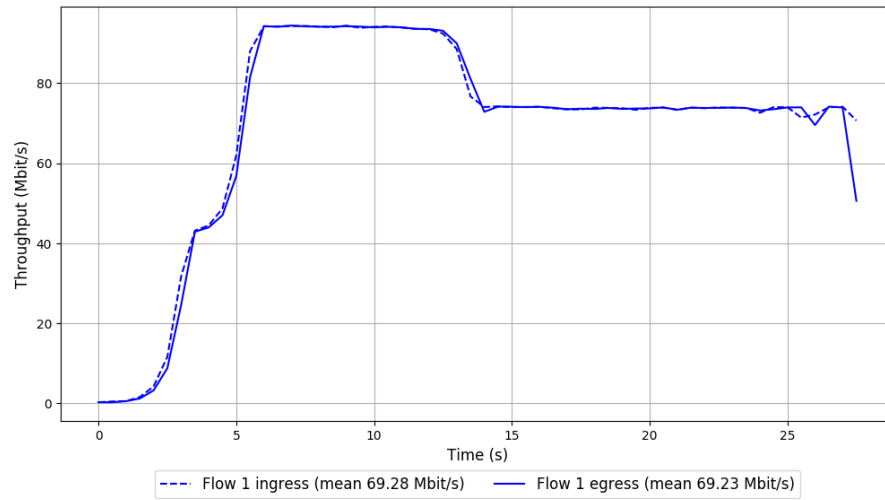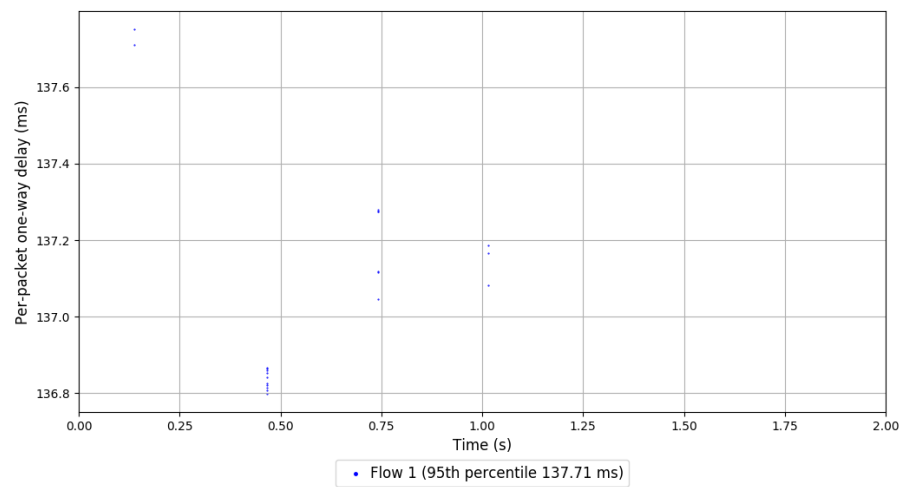
Run 3: Report of Copa — Data Link

Flow 1 ingress (mean 60.52 Mbit/s) --- Flow 1 egress (mean 60.43 Mbit/s)

• Flow 1 (95th percentile 137.03 ms)

```
Run 4: Statistics of Copa

Start at: 2017-09-18 09:08:16
End at: 2017-09-18 09:08:46

# Below is generated by plot.py at 2017-09-18 12:47:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.23 Mbit/s
95th percentile per-packet one-way delay: 136.642 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 69.23 Mbit/s
95th percentile per-packet one-way delay: 136.642 ms
Loss rate: 1.04%
```
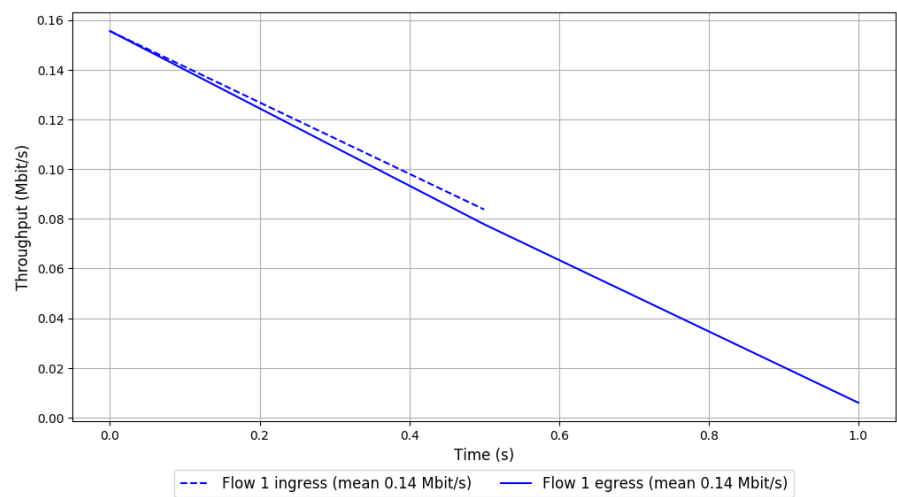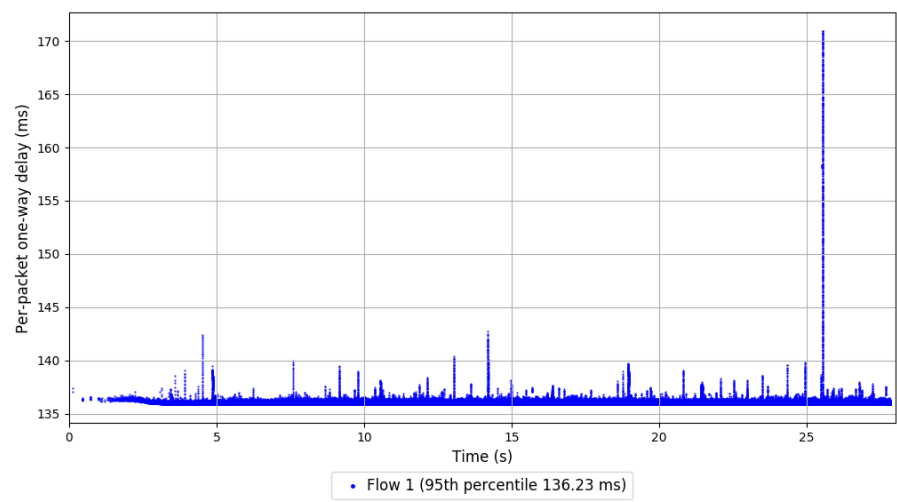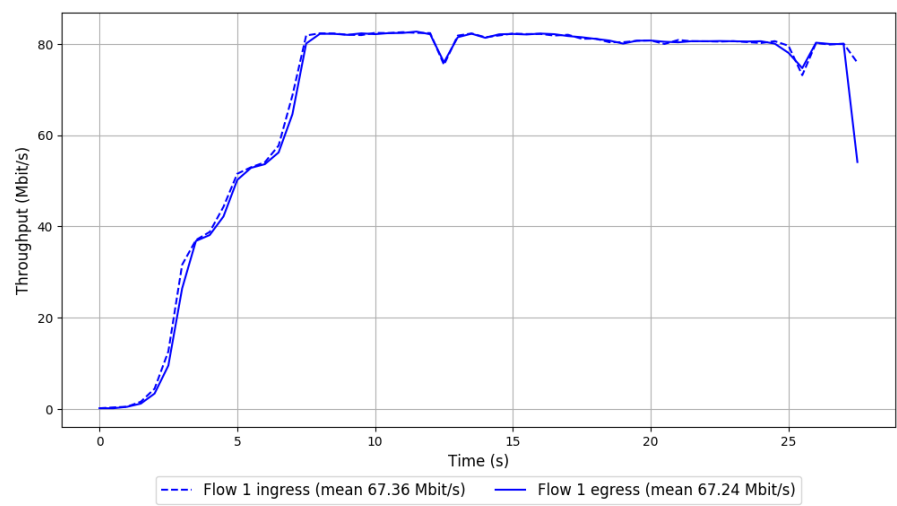
Run 4: Report of Copa — Data Link

Flow 1 ingress (mean 69.28 Mbit/s) —— Flow 1 egress (mean 69.23 Mbit/s)

• Flow 1 (95th percentile 136.64 ms)

Run 5: Statistics of Copa

Start at: 2017-09-18 09:20:48
End at: 2017-09-18 09:21:18

Run 5: Report of Copa — Data Link

```
Run 6: Statistics of Copa

Start at: 2017-09-18 09:33:13
End at: 2017-09-18 09:33:44

# Below is generated by plot.py at 2017-09-18 12:47:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.24 Mbit/s
95th percentile per-packet one-way delay: 136.226 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 67.24 Mbit/s
95th percentile per-packet one-way delay: 136.226 ms
Loss rate: 1.16%
```

Run 6: Report of Copa — Data Link

Flow 1 ingress (mean 67.36 Mbit/s) ---- Flow 1 egress (mean 67.24 Mbit/s)

• Flow 1 (95th percentile 136.23 ms)

```
Run 7: Statistics of Copa

Start at: 2017-09-18 09:45:16
End at: 2017-09-18 09:45:46


# Below is generated by plot.py at 2017-09-18 12:47:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.36 Mbit/s
95th percentile per-packet one-way delay: 136.878 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 70.36 Mbit/s
95th percentile per-packet one-way delay: 136.878 ms
Loss rate: 1.05%
```
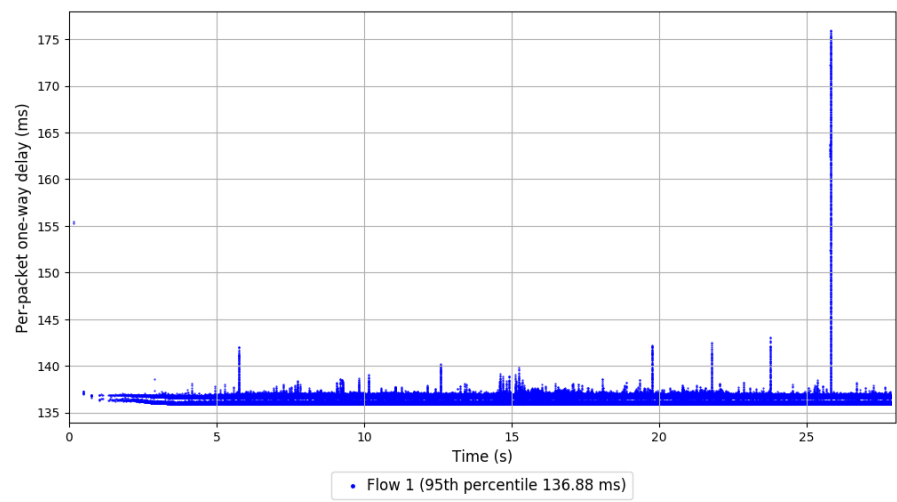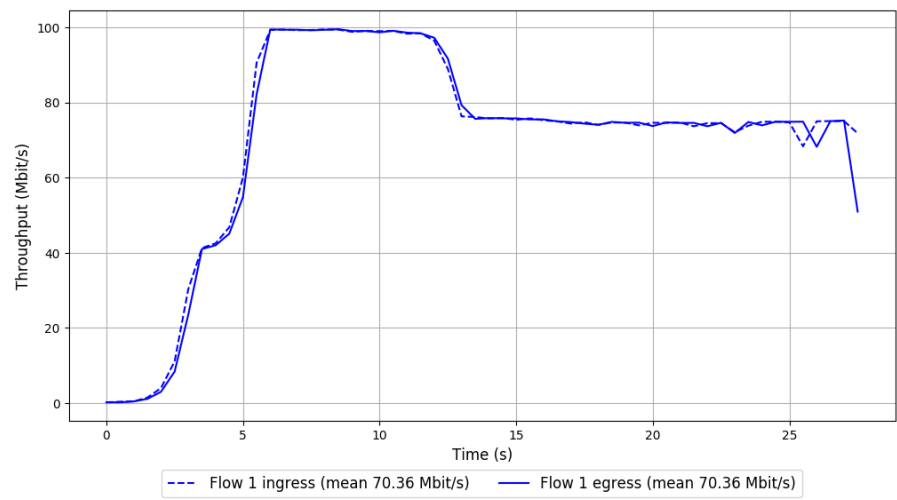
Run 7: Report of Copa — Data Link

Flow 1 ingress (mean 70.36 Mbit/s)   Flow 1 egress (mean 70.36 Mbit/s)

Flow 1 (95th percentile 136.88 ms)

```
Run 8: Statistics of Copa

Start at: 2017-09-18 09:57:32
End at: 2017-09-18 09:58:02

# Below is generated by plot.py at 2017-09-18 12:48:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.60 Mbit/s
95th percentile per-packet one-way delay: 136.172 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 71.60 Mbit/s
95th percentile per-packet one-way delay: 136.172 ms
Loss rate: 1.06%
```
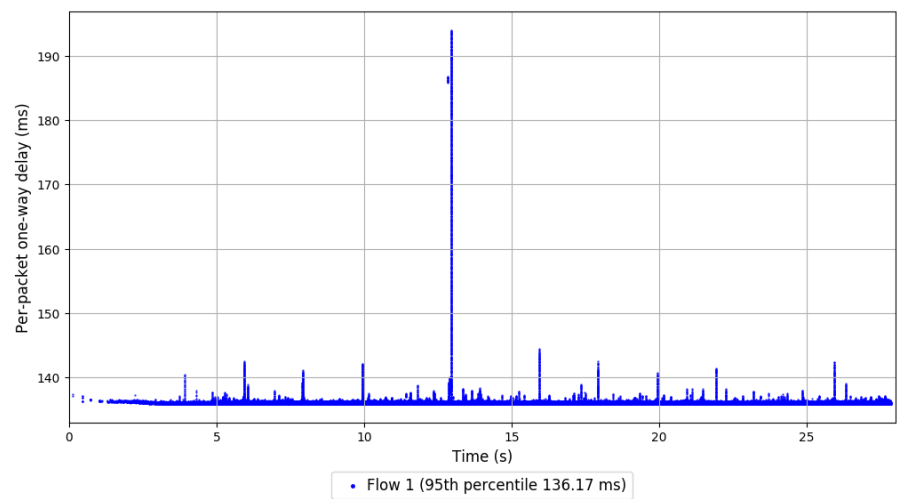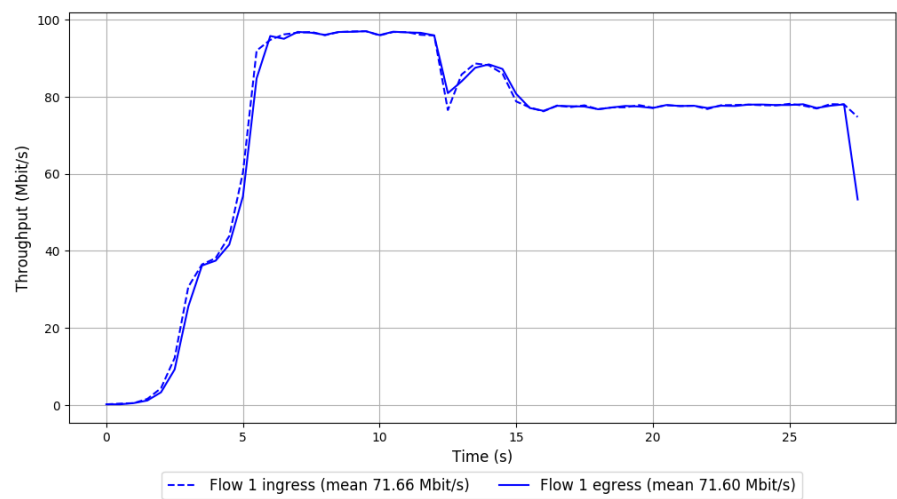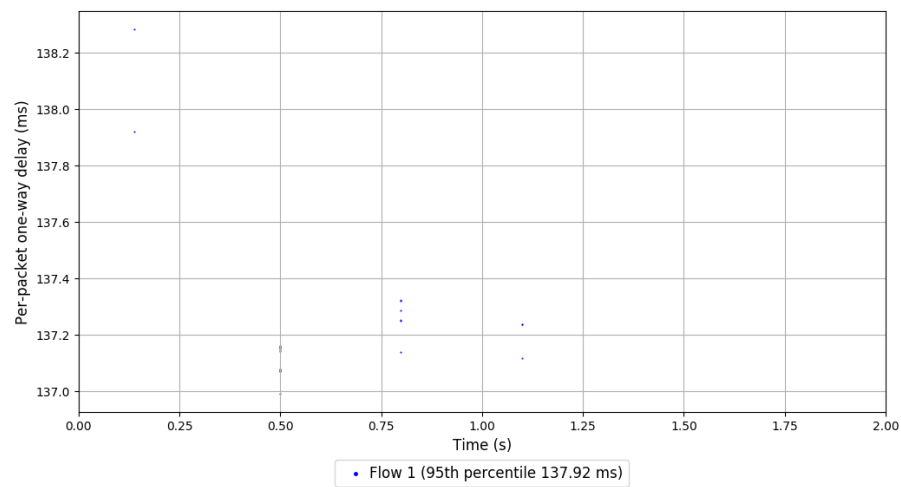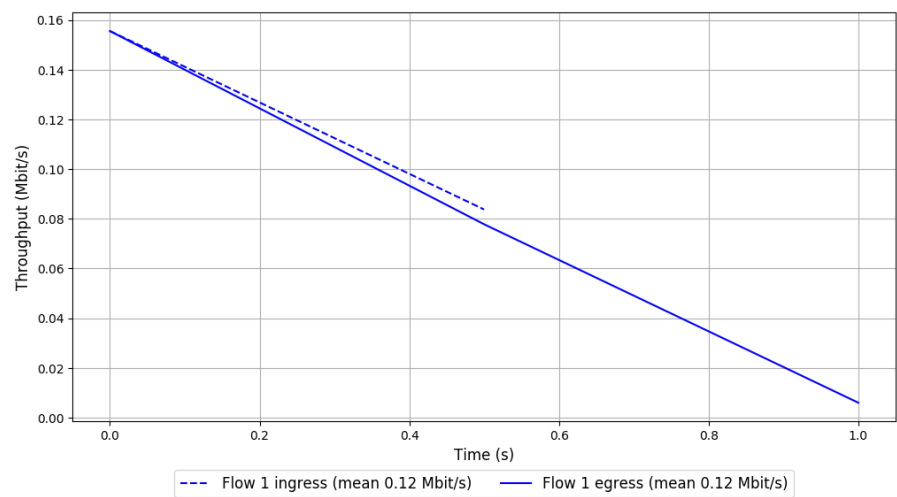
Run 8: Report of Copa — Data Link

Flow 1 ingress (mean 71.66 Mbit/s) ---- Flow 1 egress (mean 71.60 Mbit/s) ——

• Flow 1 (95th percentile 136.17 ms)

```
Run 9: Statistics of Copa

Start at: 2017-09-18 10:10:03
End at: 2017-09-18 10:10:33
```
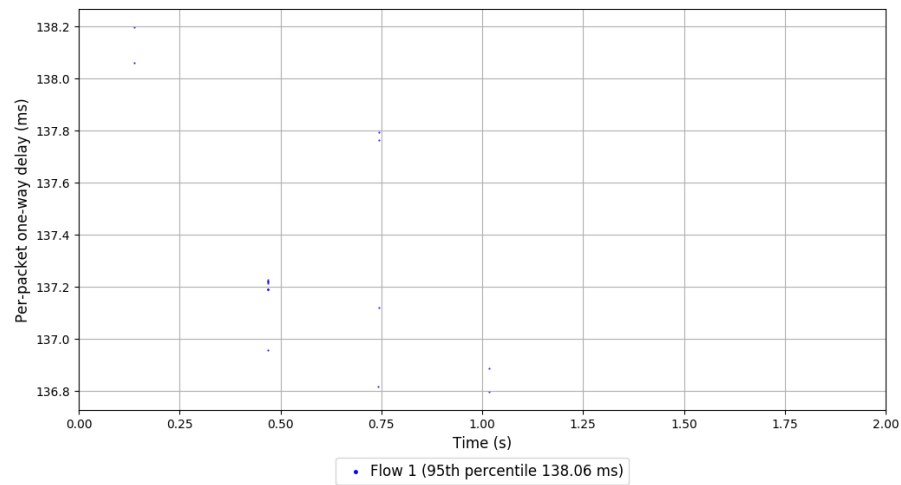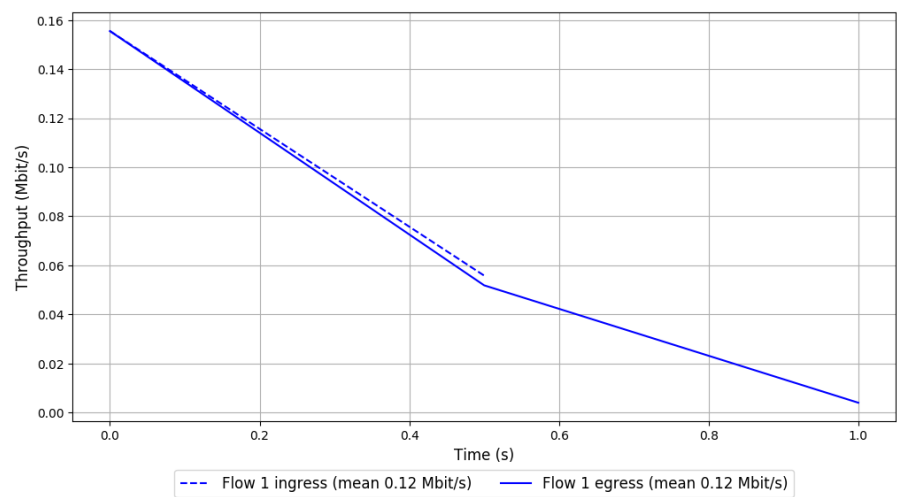
Run 9: Report of Copa — Data Link

Run 10: Statistics of Copa

Start at: 2017-09-18 10:22:00
End at: 2017-09-18 10:22:30

Run 10: Report of Copa — Data Link

```
Run 1: Statistics of TCP Cubic

Start at: 2017-09-18 08:29:08
End at: 2017-09-18 08:29:38

# Below is generated by plot.py at 2017-09-18 12:48:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.73 Mbit/s
95th percentile per-packet one-way delay: 139.729 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 47.73 Mbit/s
95th percentile per-packet one-way delay: 139.729 ms
Loss rate: 0.87%
```
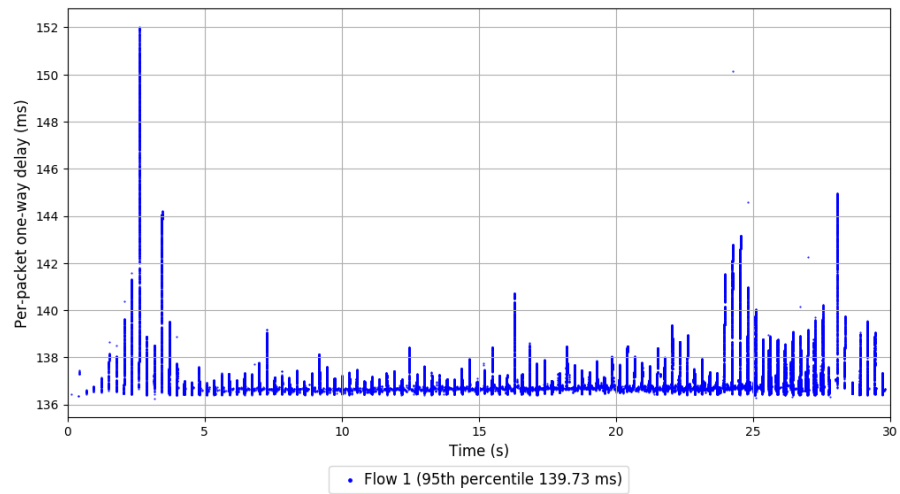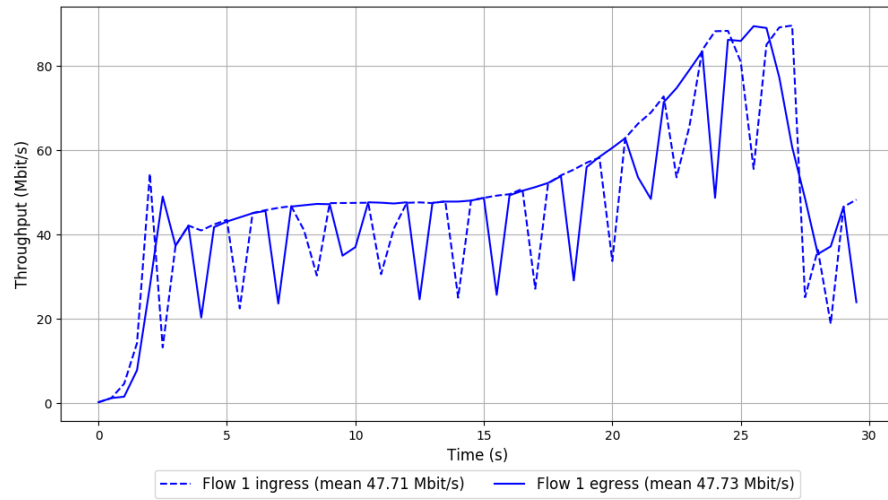
Run 1: Report of TCP Cubic — Data Link

```
Run 2: Statistics of TCP Cubic

Start at: 2017-09-18 08:41:18
End at: 2017-09-18 08:41:48

# Below is generated by plot.py at 2017-09-18 12:48:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.31 Mbit/s
95th percentile per-packet one-way delay: 145.854 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 35.31 Mbit/s
95th percentile per-packet one-way delay: 145.854 ms
Loss rate: 1.04%
```
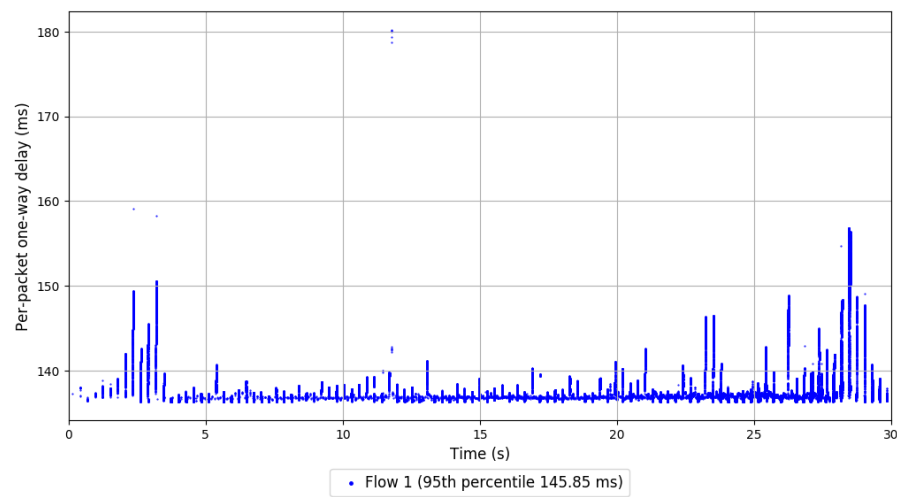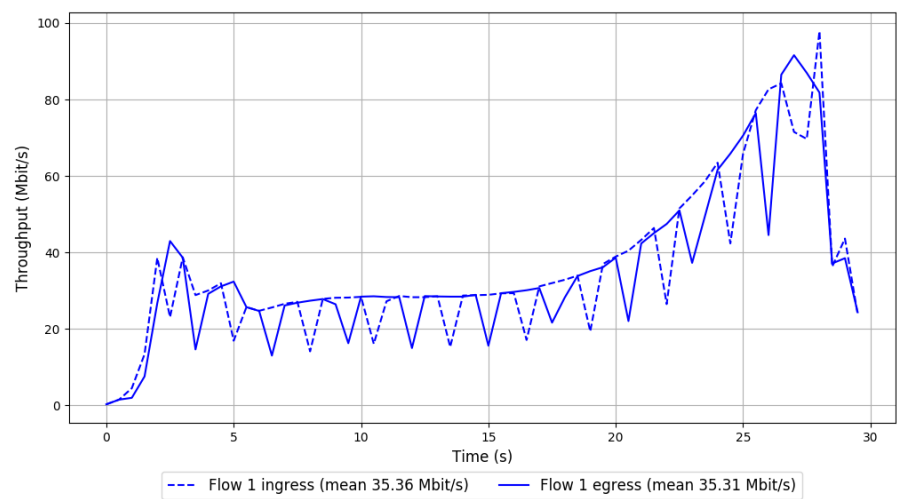
Run 2: Report of TCP Cubic — Data Link

```
Run 3: Statistics of TCP Cubic

Start at: 2017-09-18 08:53:20
End at: 2017-09-18 08:53:50

# Below is generated by plot.py at 2017-09-18 12:48:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.64 Mbit/s
95th percentile per-packet one-way delay: 139.269 ms
Loss rate: 2.45%
-- Flow 1:
Average throughput: 7.64 Mbit/s
95th percentile per-packet one-way delay: 139.269 ms
Loss rate: 2.45%
```
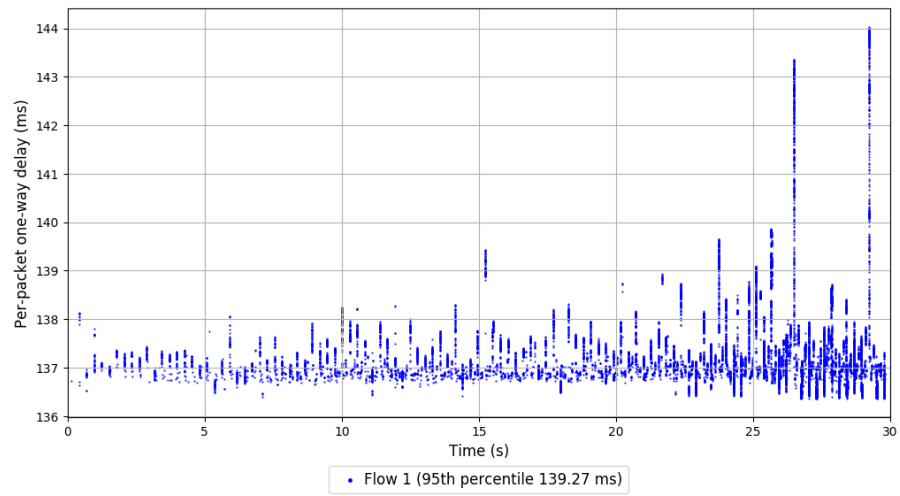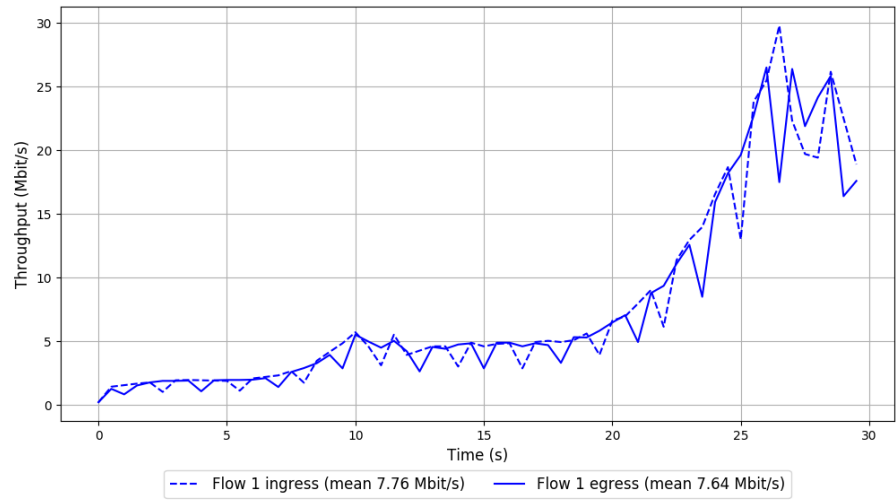
Run 3: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 7.76 Mbit/s) --- Flow 1 egress (mean 7.64 Mbit/s)

Flow 1 (95th percentile 139.27 ms)

```
Run 4: Statistics of TCP Cubic

Start at: 2017-09-18 09:05:49
End at: 2017-09-18 09:06:19


# Below is generated by plot.py at 2017-09-18 12:48:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.07 Mbit/s
95th percentile per-packet one-way delay: 140.547 ms
Loss rate: 4.56%
-- Flow 1:
Average throughput: 10.07 Mbit/s
95th percentile per-packet one-way delay: 140.547 ms
Loss rate: 4.56%
```
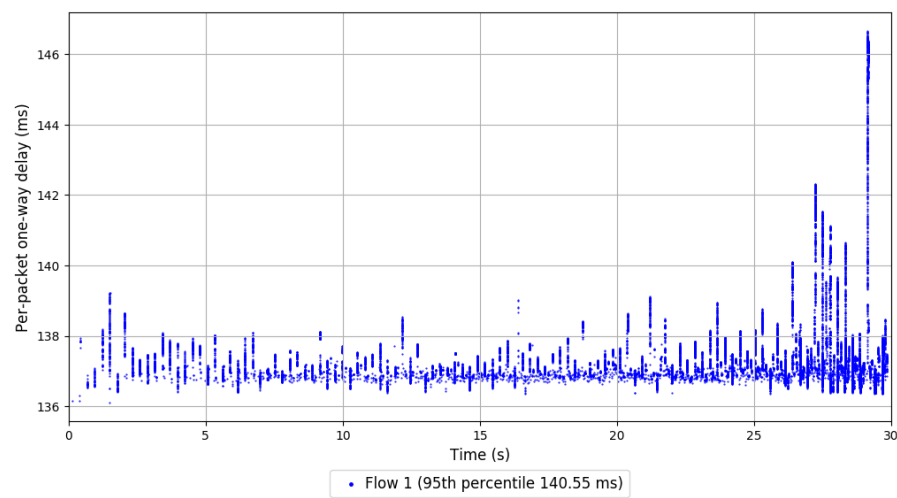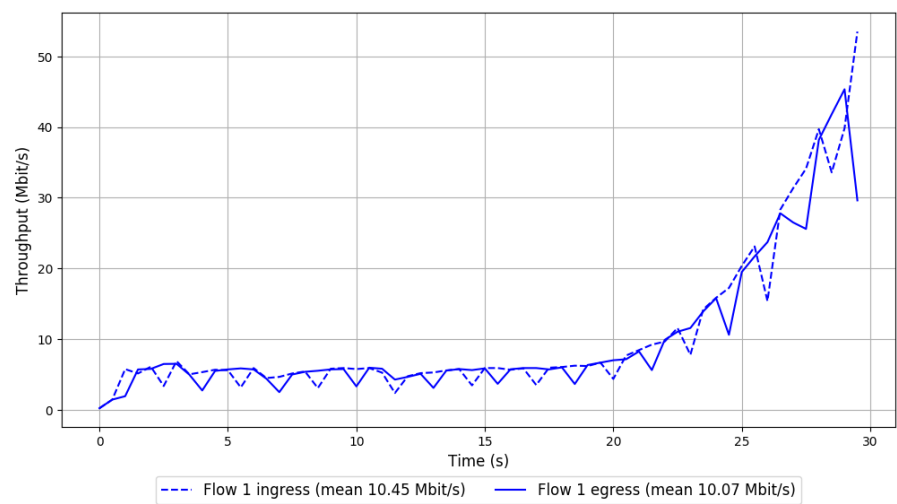
Run 4: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 10.45 Mbit/s)   Flow 1 egress (mean 10.07 Mbit/s)

Flow 1 (95th percentile 140.55 ms)

```
Run 5: Statistics of TCP Cubic

Start at: 2017-09-18 09:18:17
End at: 2017-09-18 09:18:47


# Below is generated by plot.py at 2017-09-18 12:48:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.12 Mbit/s
95th percentile per-packet one-way delay: 143.628 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 27.12 Mbit/s
95th percentile per-packet one-way delay: 143.628 ms
Loss rate: 1.26%
```
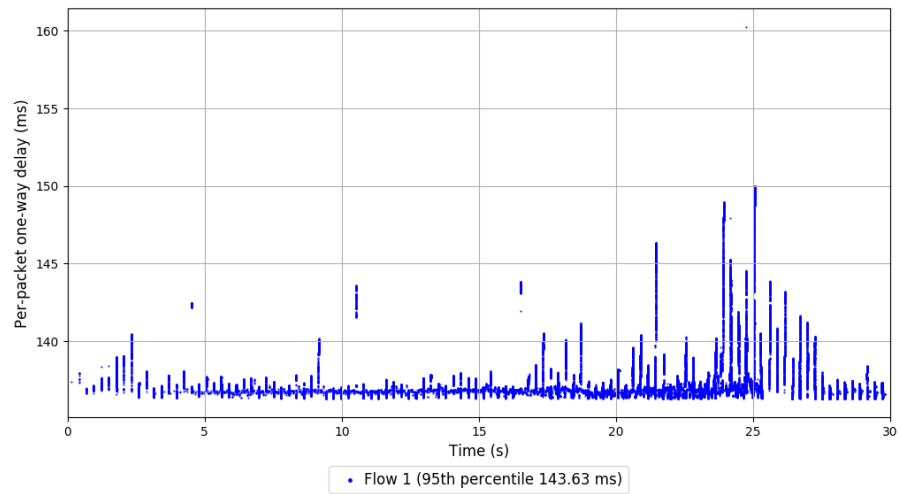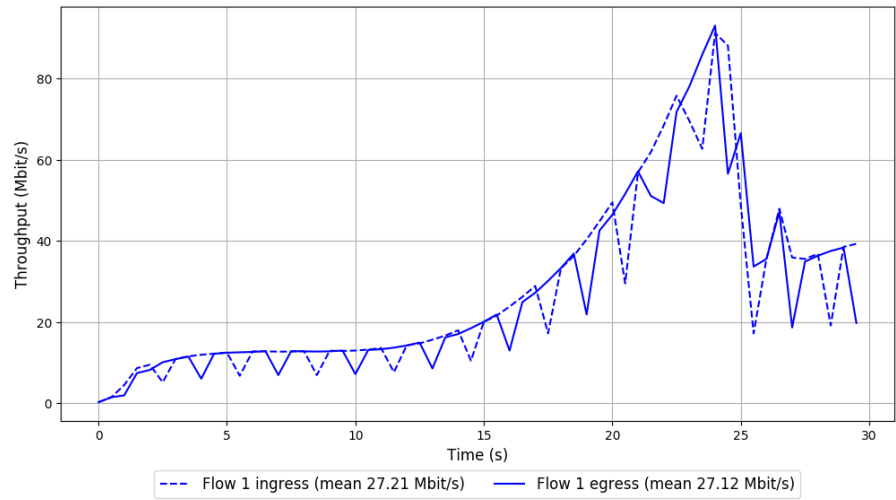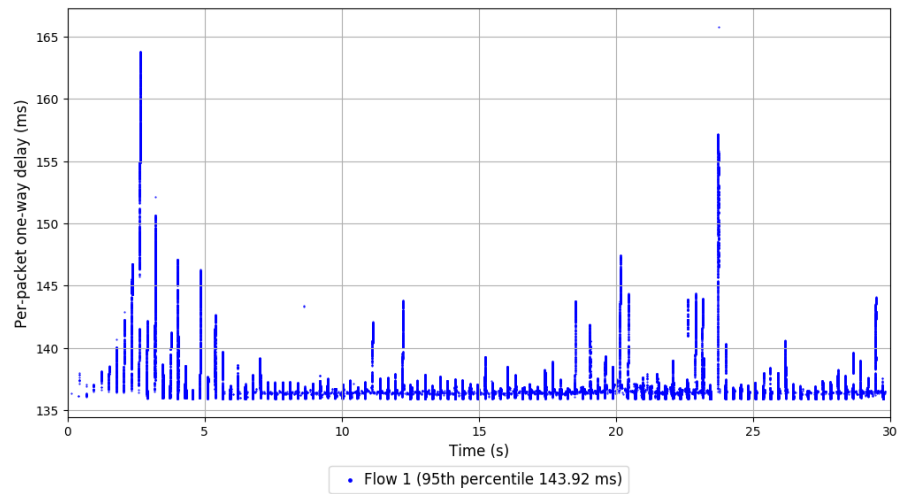
Run 5: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 27.21 Mbit/s) --- Flow 1 egress (mean 27.12 Mbit/s)

Flow 1 (95th percentile 143.63 ms)

```
Run 6: Statistics of TCP Cubic

Start at: 2017-09-18 09:30:41
End at: 2017-09-18 09:31:11


# Below is generated by plot.py at 2017-09-18 12:48:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.43 Mbit/s
95th percentile per-packet one-way delay: 143.918 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 40.43 Mbit/s
95th percentile per-packet one-way delay: 143.918 ms
Loss rate: 0.76%
```
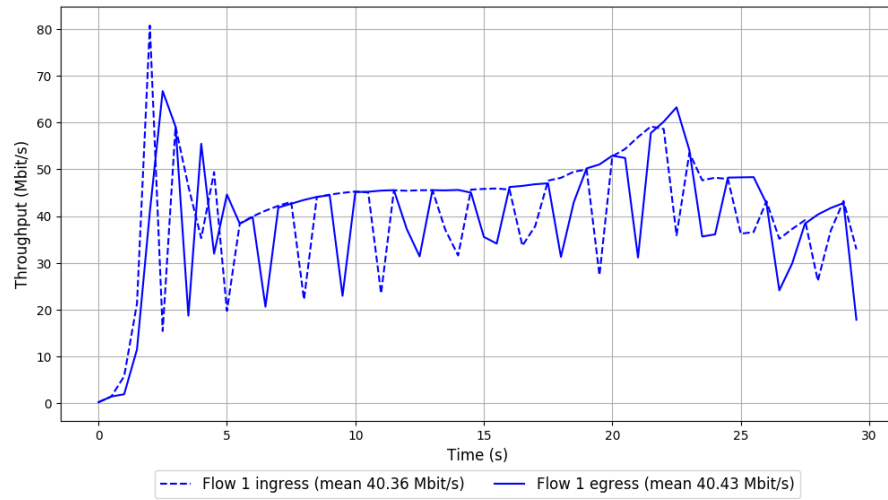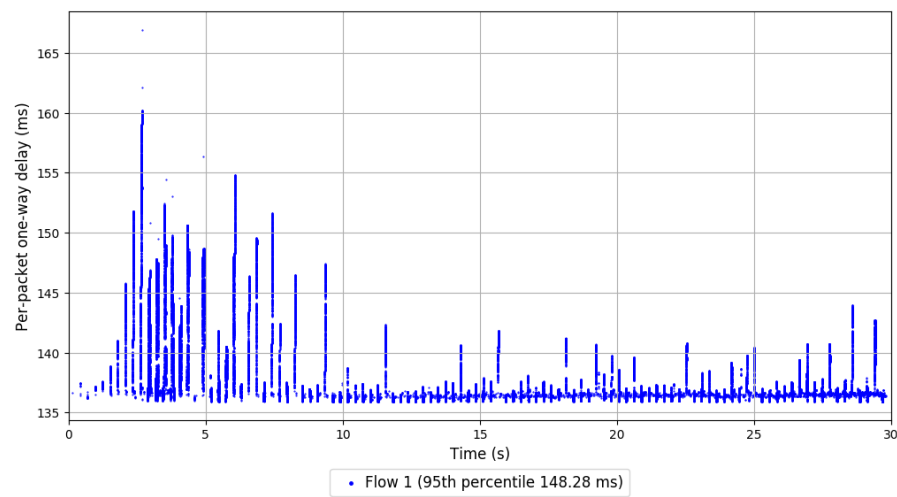
Run 6: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 40.36 Mbit/s) ----- Flow 1 egress (mean 40.43 Mbit/s)

• Flow 1 (95th percentile 143.92 ms)

```
Run 7: Statistics of TCP Cubic

Start at: 2017-09-18 09:42:41
End at: 2017-09-18 09:43:11

# Below is generated by plot.py at 2017-09-18 12:48:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.53 Mbit/s
95th percentile per-packet one-way delay: 148.284 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 33.53 Mbit/s
95th percentile per-packet one-way delay: 148.284 ms
Loss rate: 1.11%
```
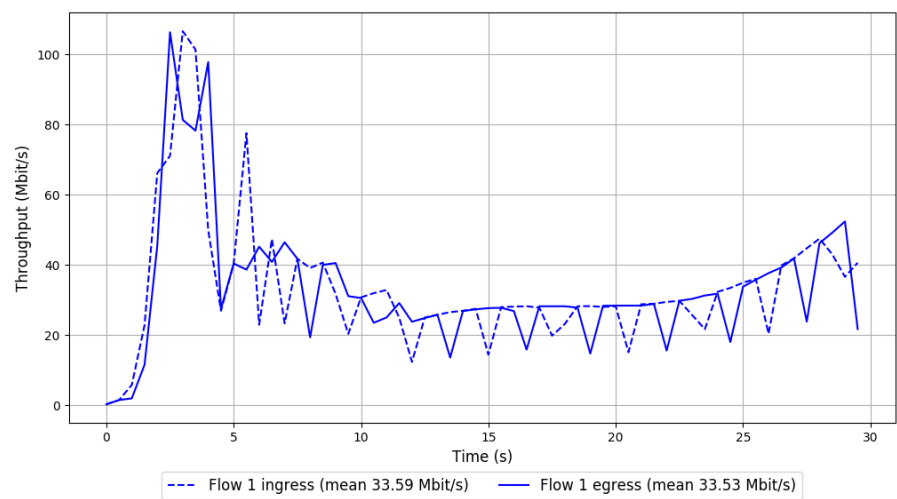
Run 7: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 33.59 Mbit/s)   Flow 1 egress (mean 33.53 Mbit/s)

Flow 1 (95th percentile 148.28 ms)

```
Run 8: Statistics of TCP Cubic

Start at: 2017-09-18 09:55:03
End at: 2017-09-18 09:55:34


# Below is generated by plot.py at 2017-09-18 12:48:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.98 Mbit/s
95th percentile per-packet one-way delay: 149.839 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 39.98 Mbit/s
95th percentile per-packet one-way delay: 149.839 ms
Loss rate: 0.92%
```
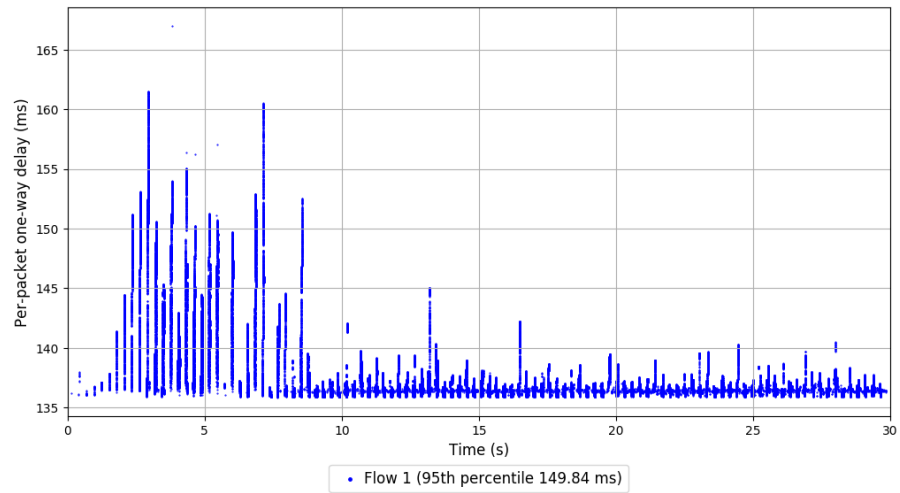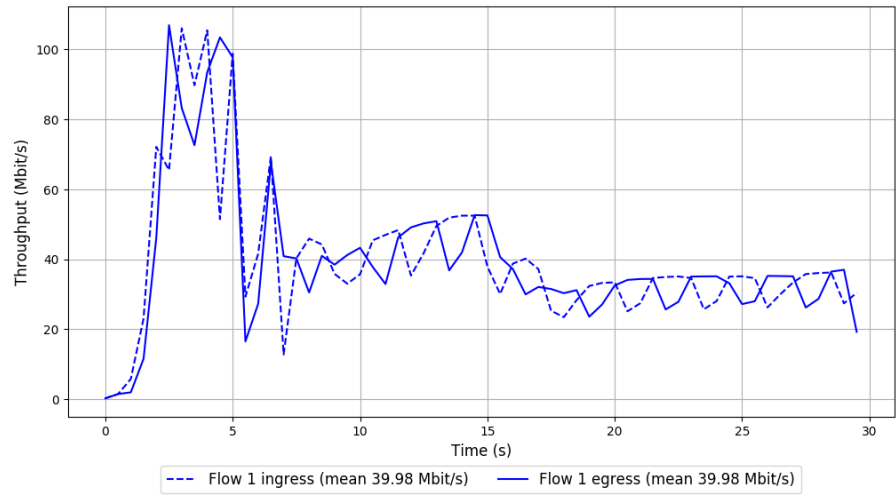
Run 8: Report of TCP Cubic — Data Link

```
Run 9: Statistics of TCP Cubic

Start at: 2017-09-18 10:07:26
End at: 2017-09-18 10:07:56

# Below is generated by plot.py at 2017-09-18 12:48:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.71 Mbit/s
95th percentile per-packet one-way delay: 147.169 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 40.71 Mbit/s
95th percentile per-packet one-way delay: 147.169 ms
Loss rate: 0.69%
```
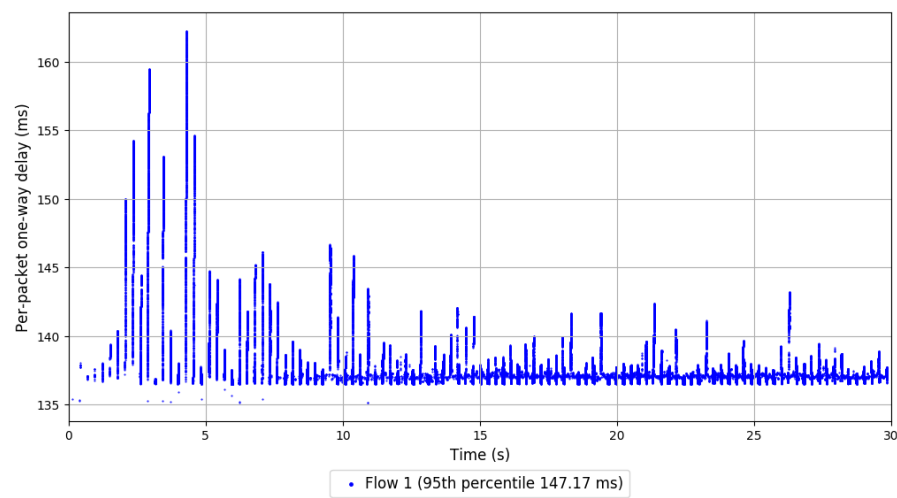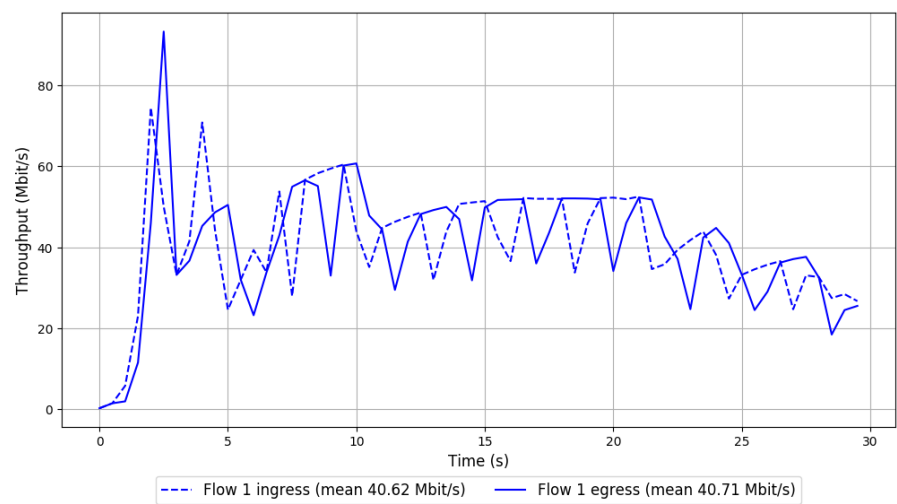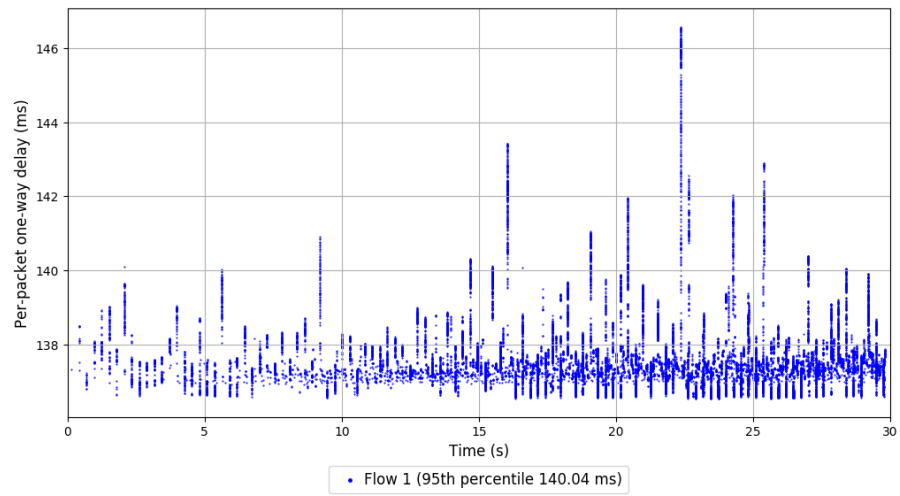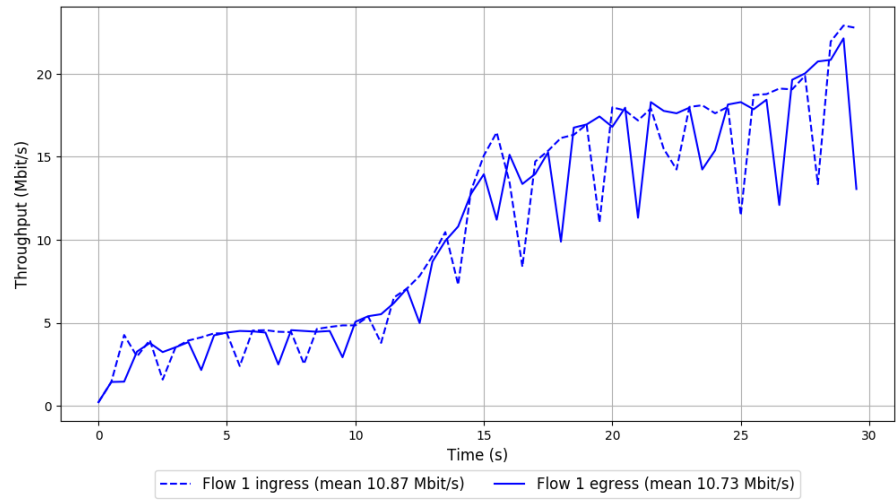
Run 9: Report of TCP Cubic — Data Link

Flow 1 ingress (mean 40.62 Mbit/s) ----- Flow 1 egress (mean 40.71 Mbit/s)

Flow 1 (95th percentile 147.17 ms)

```
Run 10: Statistics of TCP Cubic

Start at: 2017-09-18 10:19:31
End at: 2017-09-18 10:20:01

# Below is generated by plot.py at 2017-09-18 12:48:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.73 Mbit/s
95th percentile per-packet one-way delay: 140.045 ms
Loss rate: 2.13%
-- Flow 1:
Average throughput: 10.73 Mbit/s
95th percentile per-packet one-way delay: 140.045 ms
Loss rate: 2.13%
```
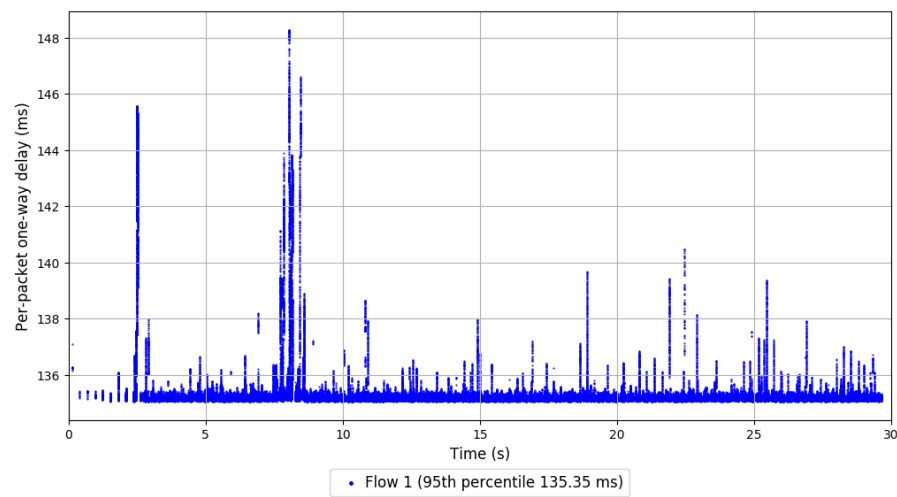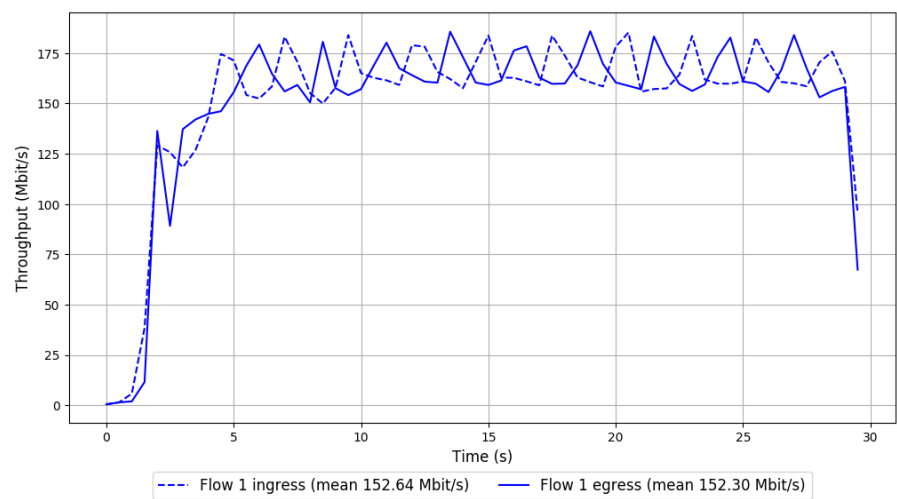
Run 10: Report of TCP Cubic — Data Link

```
Run 1: Statistics of Indigo

Start at: 2017-09-18 08:23:31
End at: 2017-09-18 08:24:01

# Below is generated by plot.py at 2017-09-18 12:49:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 152.30 Mbit/s
95th percentile per-packet one-way delay: 135.355 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 152.30 Mbit/s
95th percentile per-packet one-way delay: 135.355 ms
Loss rate: 1.14%
```

Run 1: Report of Indigo — Data Link

```
Run 2: Statistics of Indigo

Start at: 2017-09-18 08:35:31
End at: 2017-09-18 08:36:01

# Below is generated by plot.py at 2017-09-18 12:50:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 153.00 Mbit/s
95th percentile per-packet one-way delay: 136.604 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 153.00 Mbit/s
95th percentile per-packet one-way delay: 136.604 ms
Loss rate: 1.00%
```
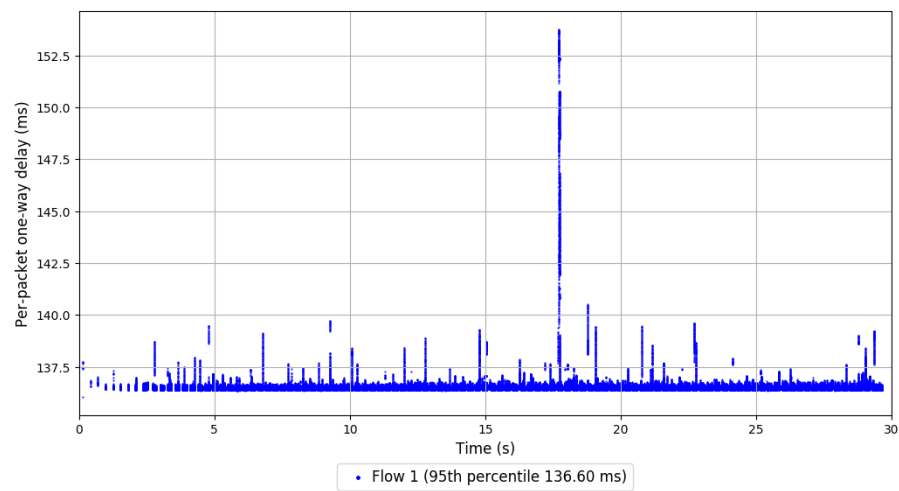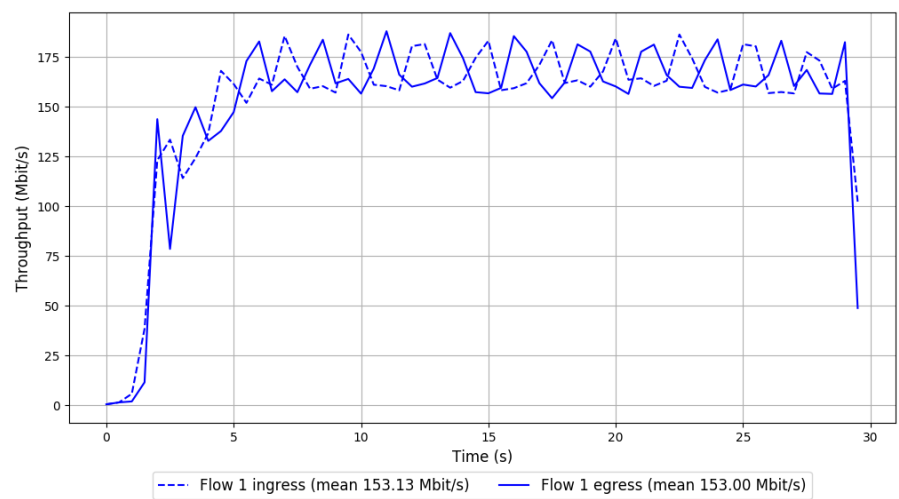
Run 2: Report of Indigo — Data Link

```
Run 3: Statistics of Indigo

Start at: 2017-09-18 08:47:42
End at: 2017-09-18 08:48:12

# Below is generated by plot.py at 2017-09-18 12:50:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 150.97 Mbit/s
95th percentile per-packet one-way delay: 137.387 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 150.97 Mbit/s
95th percentile per-packet one-way delay: 137.387 ms
Loss rate: 1.01%
```
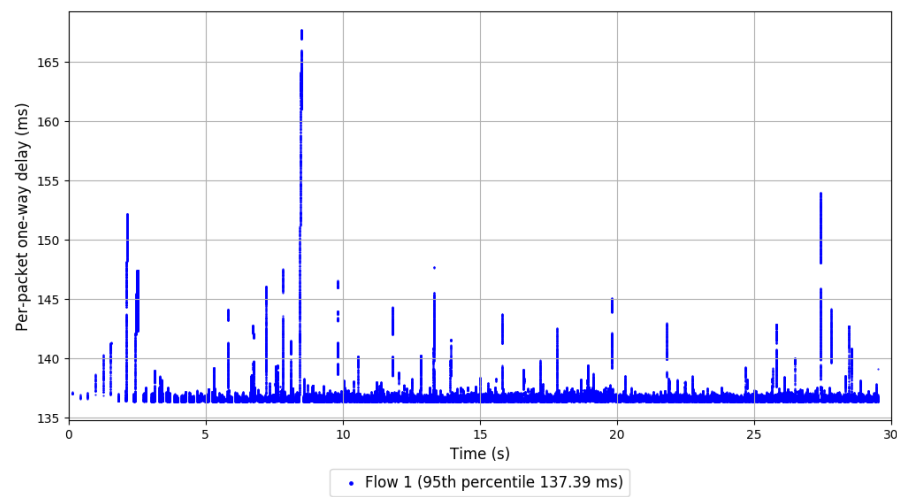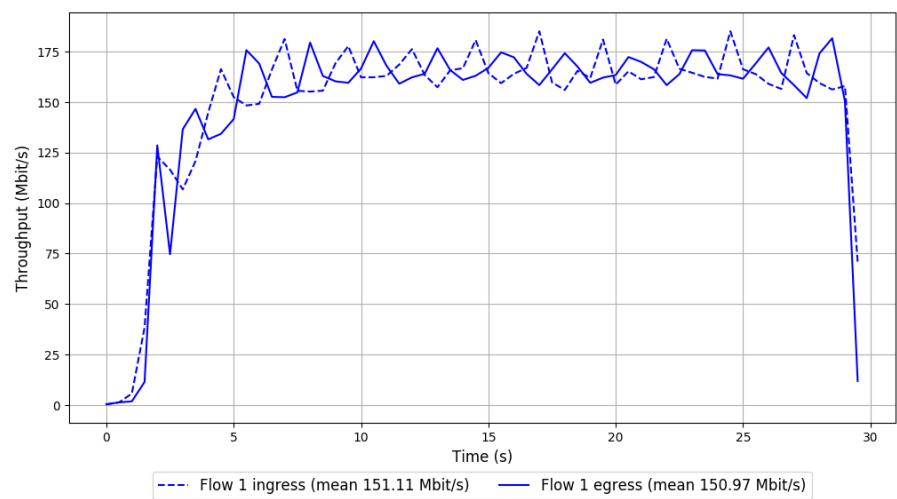
Run 3: Report of Indigo — Data Link

```
Run 4: Statistics of Indigo

Start at: 2017-09-18 08:59:45
End at: 2017-09-18 09:00:15

# Below is generated by plot.py at 2017-09-18 12:50:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 151.23 Mbit/s
95th percentile per-packet one-way delay: 137.440 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 151.23 Mbit/s
95th percentile per-packet one-way delay: 137.440 ms
Loss rate: 1.01%
```
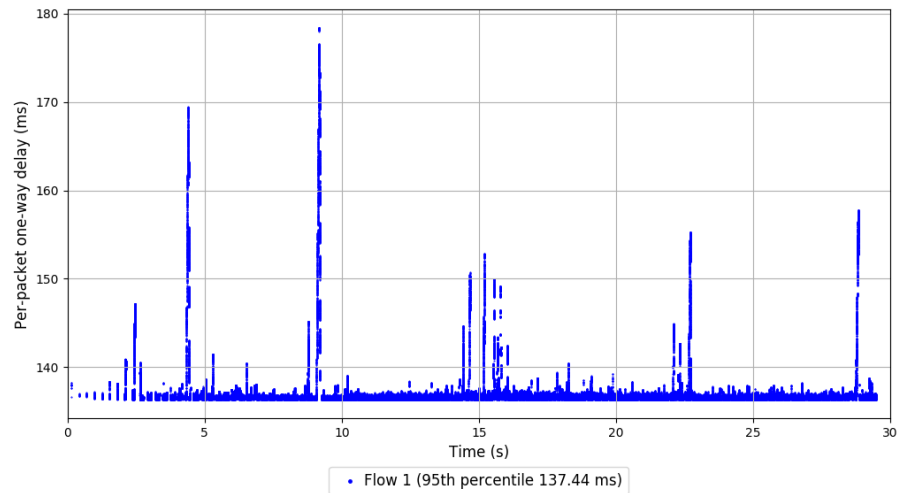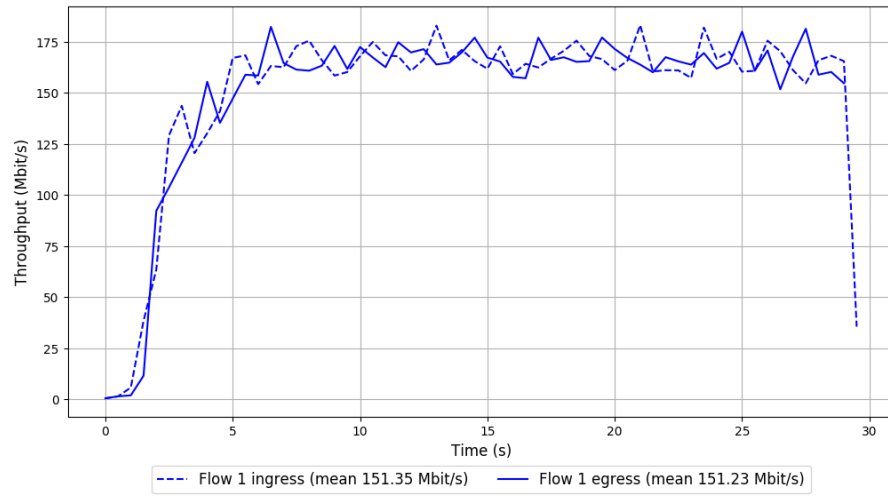
Run 4: Report of Indigo — Data Link

```
Run 5: Statistics of Indigo

Start at: 2017-09-18 09:12:05
End at: 2017-09-18 09:12:35

# Below is generated by plot.py at 2017-09-18 12:50:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 150.17 Mbit/s
95th percentile per-packet one-way delay: 136.912 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 150.17 Mbit/s
95th percentile per-packet one-way delay: 136.912 ms
Loss rate: 1.02%
```
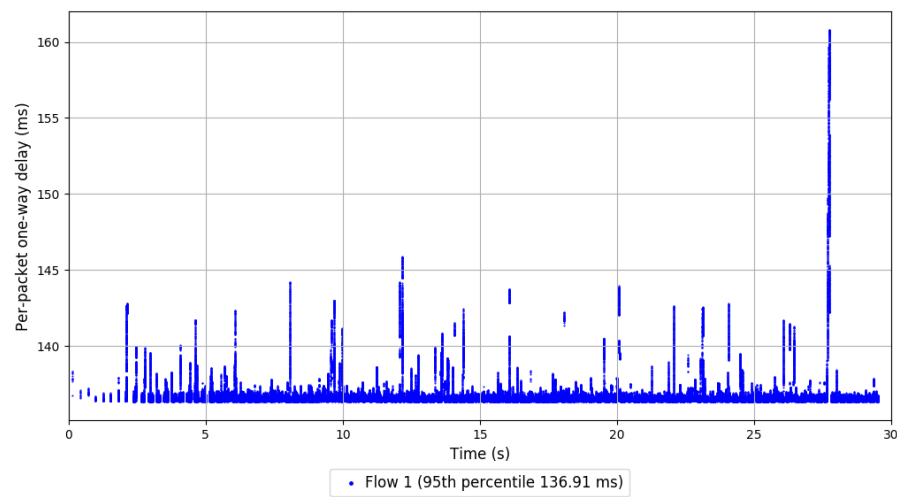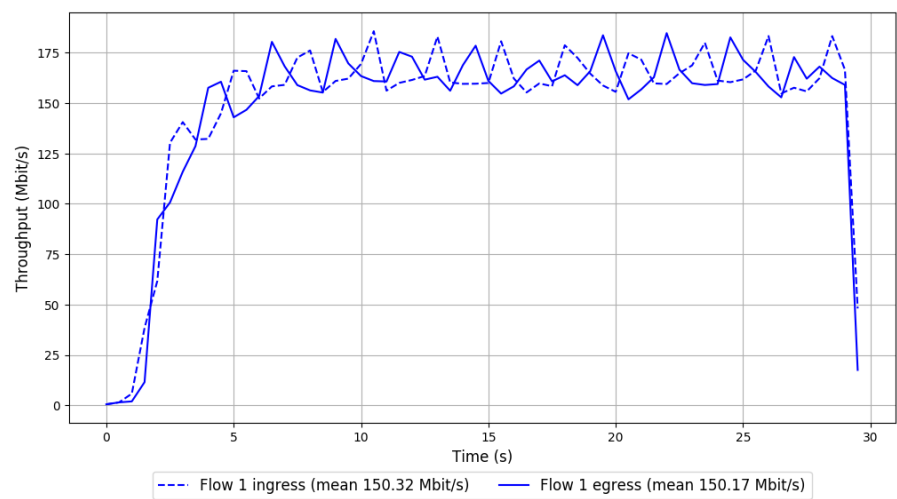
Run 5: Report of Indigo — Data Link

Flow 1 ingress (mean 150.32 Mbit/s)   Flow 1 egress (mean 150.17 Mbit/s)

Flow 1 (95th percentile 136.91 ms)

```
Run 6: Statistics of Indigo

Start at: 2017-09-18 09:24:29
End at: 2017-09-18 09:24:59

# Below is generated by plot.py at 2017-09-18 12:50:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 152.02 Mbit/s
95th percentile per-packet one-way delay: 136.916 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 152.02 Mbit/s
95th percentile per-packet one-way delay: 136.916 ms
Loss rate: 1.03%
```
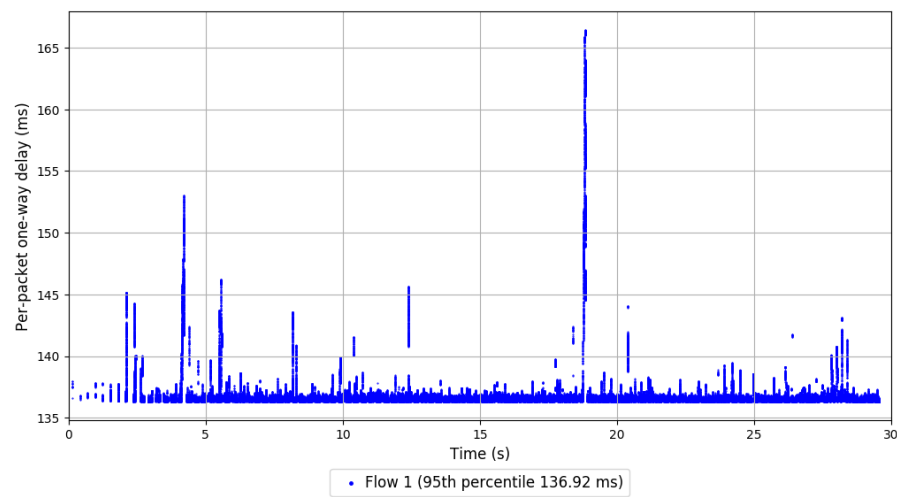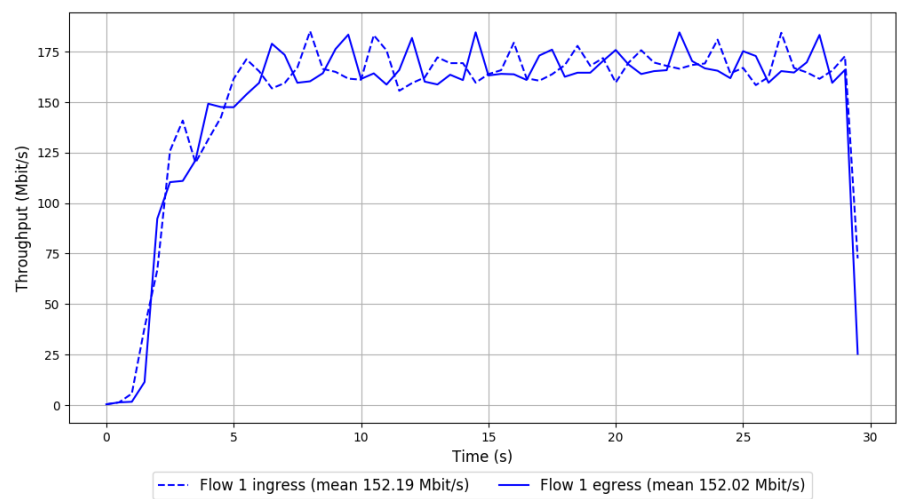
Run 6: Report of Indigo — Data Link

Flow 1 ingress (mean 152.19 Mbit/s)   Flow 1 egress (mean 152.02 Mbit/s)

Flow 1 (95th percentile 136.92 ms)

```
Run 7: Statistics of Indigo

Start at: 2017-09-18 09:37:03
End at: 2017-09-18 09:37:33

# Below is generated by plot.py at 2017-09-18 12:50:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 151.78 Mbit/s
95th percentile per-packet one-way delay: 136.594 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 151.78 Mbit/s
95th percentile per-packet one-way delay: 136.594 ms
Loss rate: 1.00%
```
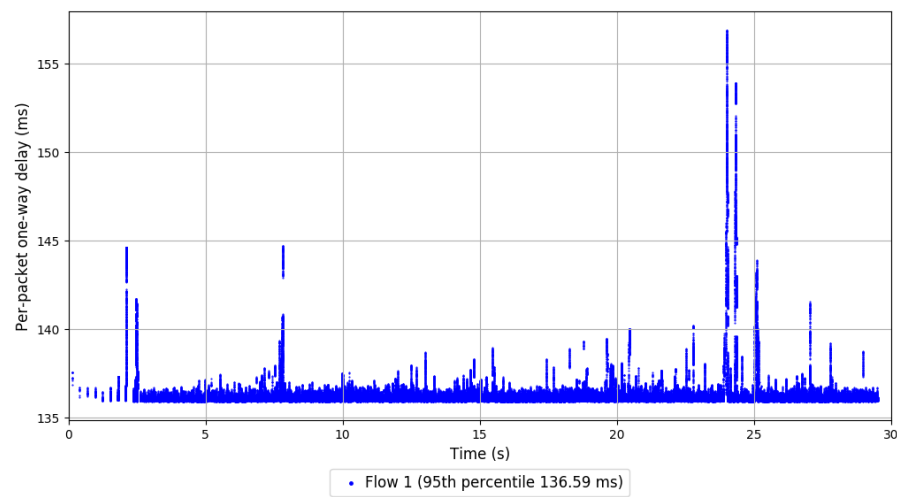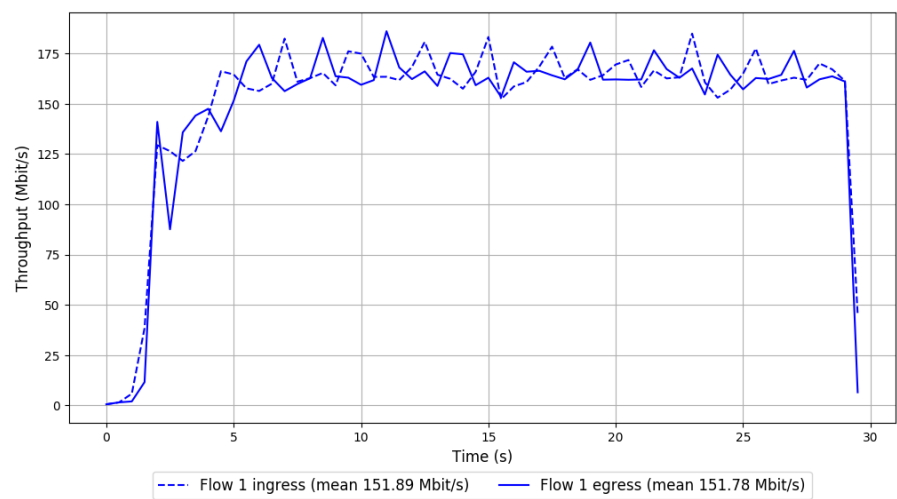
Run 7: Report of Indigo — Data Link

```
Run 8: Statistics of Indigo

Start at: 2017-09-18 09:49:06
End at: 2017-09-18 09:49:36

# Below is generated by plot.py at 2017-09-18 12:51:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 151.72 Mbit/s
95th percentile per-packet one-way delay: 136.489 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 151.72 Mbit/s
95th percentile per-packet one-way delay: 136.489 ms
Loss rate: 1.01%
```
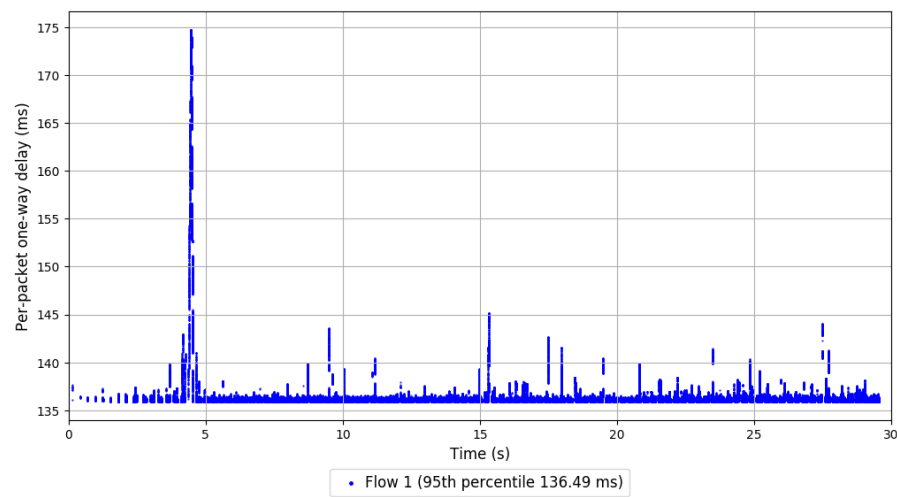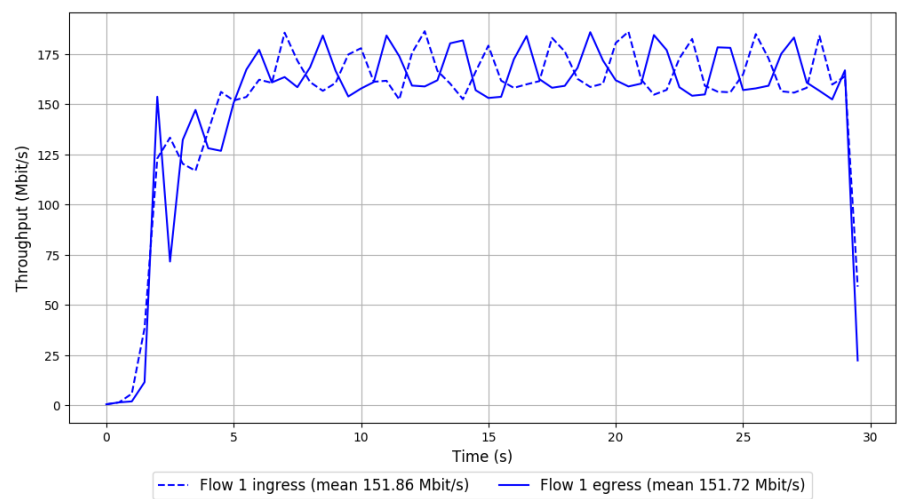
Run 8: Report of Indigo — Data Link

Flow 1 ingress (mean 151.86 Mbit/s)   Flow 1 egress (mean 151.72 Mbit/s)

Flow 1 (95th percentile 136.49 ms)

```
Run 9: Statistics of Indigo

Start at: 2017-09-18 10:01:22
End at: 2017-09-18 10:01:52

# Below is generated by plot.py at 2017-09-18 12:52:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 150.62 Mbit/s
95th percentile per-packet one-way delay: 137.542 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 150.62 Mbit/s
95th percentile per-packet one-way delay: 137.542 ms
Loss rate: 1.04%
```
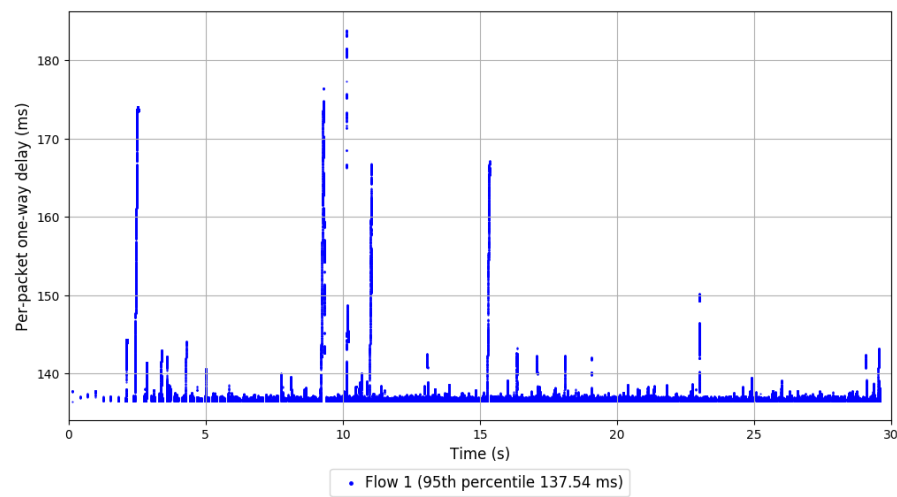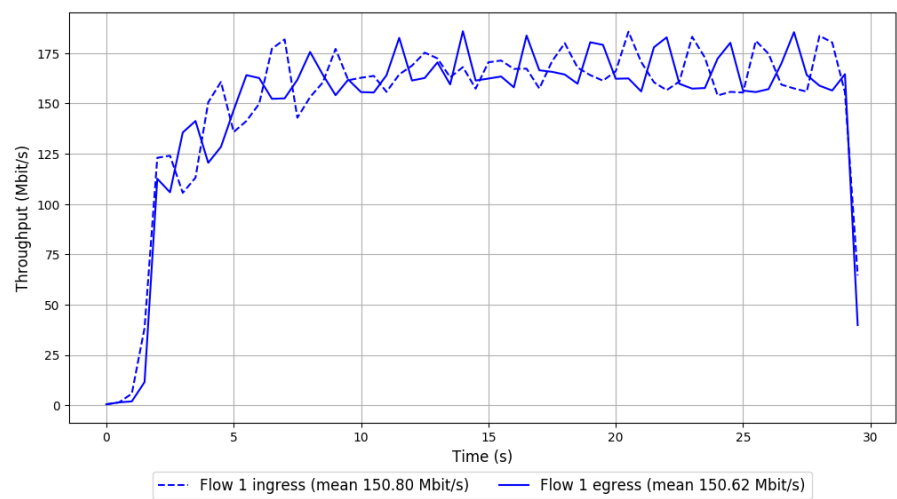
Run 9: Report of Indigo — Data Link

Flow 1 ingress (mean 150.80 Mbit/s)   Flow 1 egress (mean 150.62 Mbit/s)

• Flow 1 (95th percentile 137.54 ms)

```
Run 10: Statistics of Indigo

Start at: 2017-09-18 10:13:44
End at: 2017-09-18 10:14:14

# Below is generated by plot.py at 2017-09-18 12:52:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 151.81 Mbit/s
95th percentile per-packet one-way delay: 137.443 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 151.81 Mbit/s
95th percentile per-packet one-way delay: 137.443 ms
Loss rate: 1.02%
```
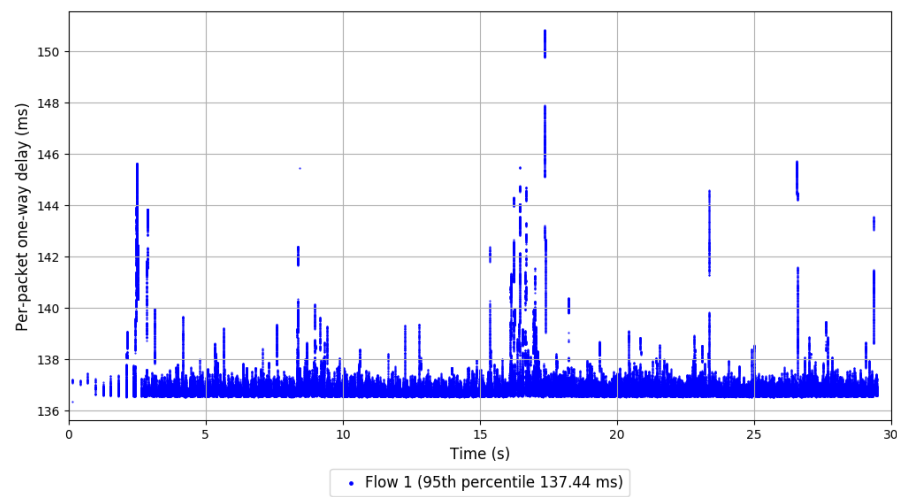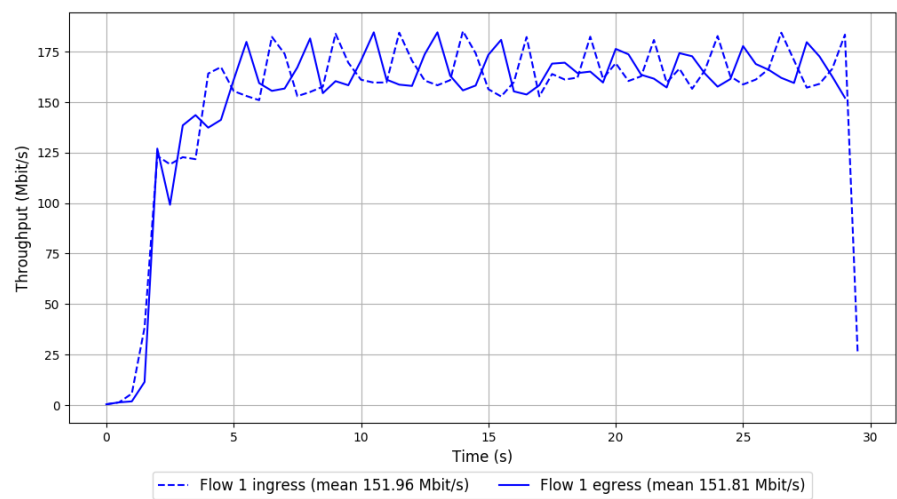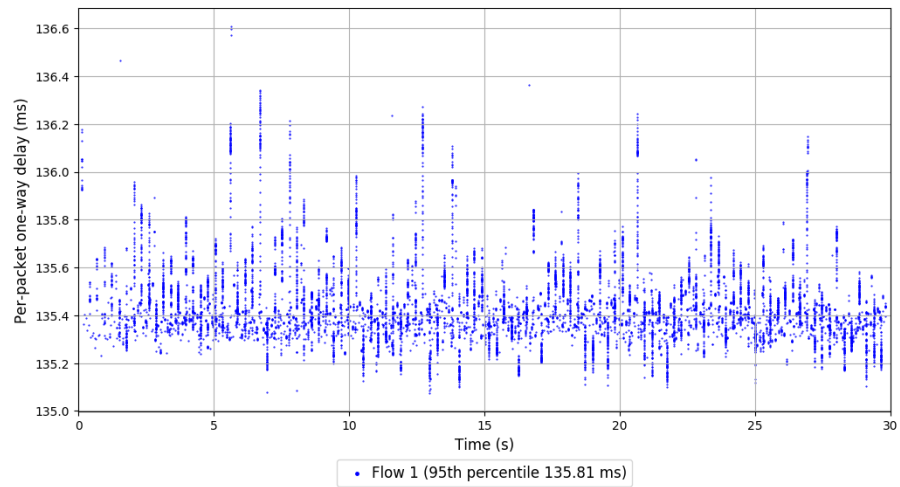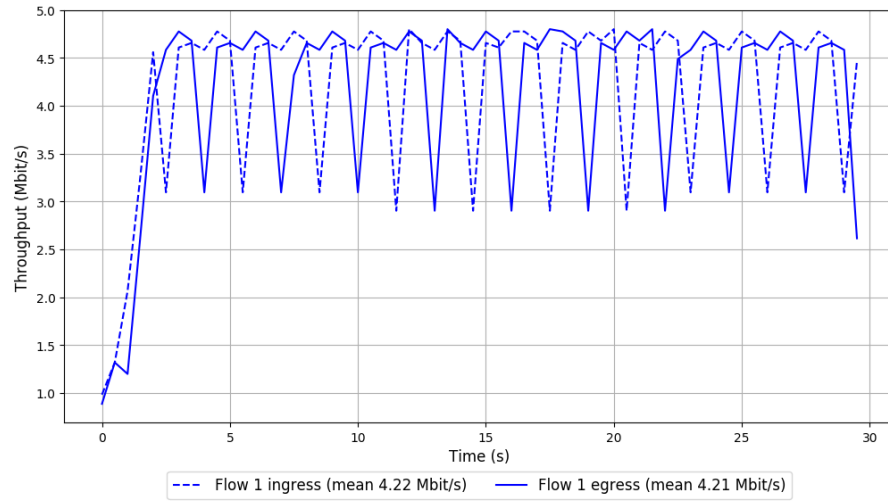
Run 10: Report of Indigo — Data Link

```
Run 1: Statistics of KohoCC

Start at: 2017-09-18 08:27:38
End at: 2017-09-18 08:28:08

# Below is generated by plot.py at 2017-09-18 12:52:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.21 Mbit/s
95th percentile per-packet one-way delay: 135.805 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 4.21 Mbit/s
95th percentile per-packet one-way delay: 135.805 ms
Loss rate: 1.13%
```

Run 1: Report of KohoCC — Data Link

```
Run 2: Statistics of KohoCC

Start at: 2017-09-18 08:39:49
End at: 2017-09-18 08:40:19


# Below is generated by plot.py at 2017-09-18 12:52:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.20 Mbit/s
95th percentile per-packet one-way delay: 138.007 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 4.20 Mbit/s
95th percentile per-packet one-way delay: 138.007 ms
Loss rate: 1.33%
```
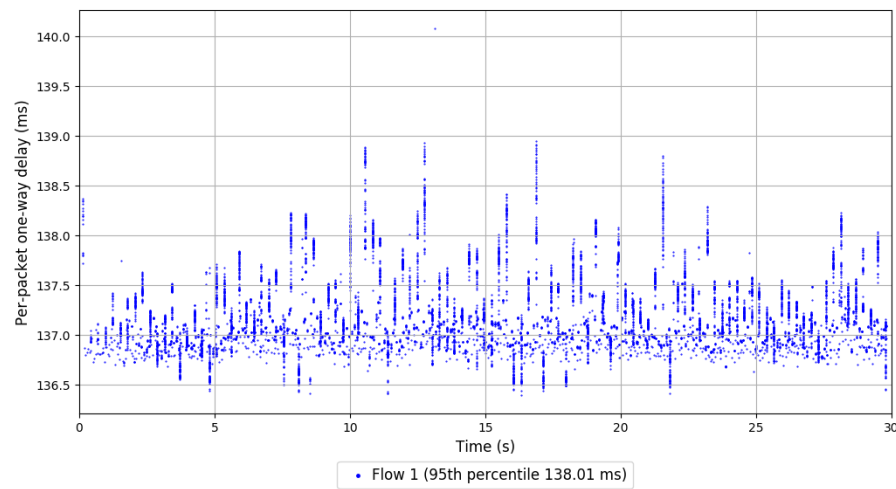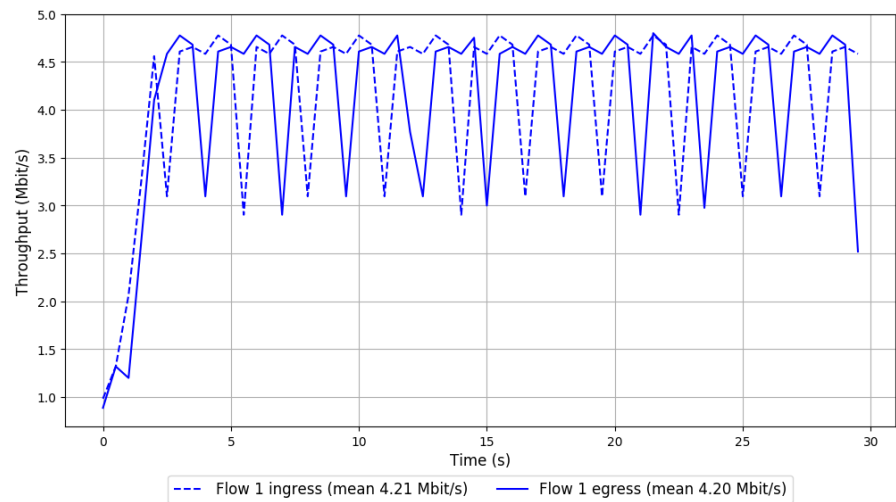
Run 2: Report of KohoCC — Data Link

```
Run 3: Statistics of KohoCC

Start at: 2017-09-18 08:51:50
End at: 2017-09-18 08:52:20

# Below is generated by plot.py at 2017-09-18 12:52:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.20 Mbit/s
95th percentile per-packet one-way delay: 137.925 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 4.20 Mbit/s
95th percentile per-packet one-way delay: 137.925 ms
Loss rate: 1.07%
```
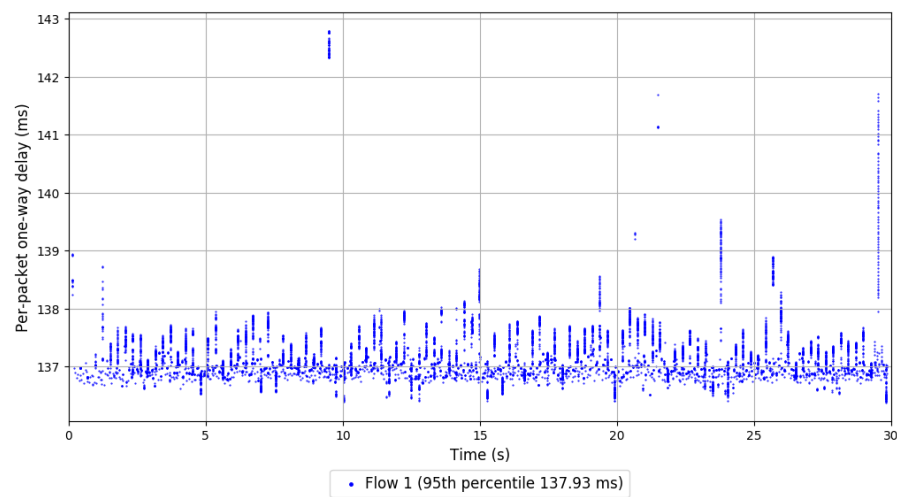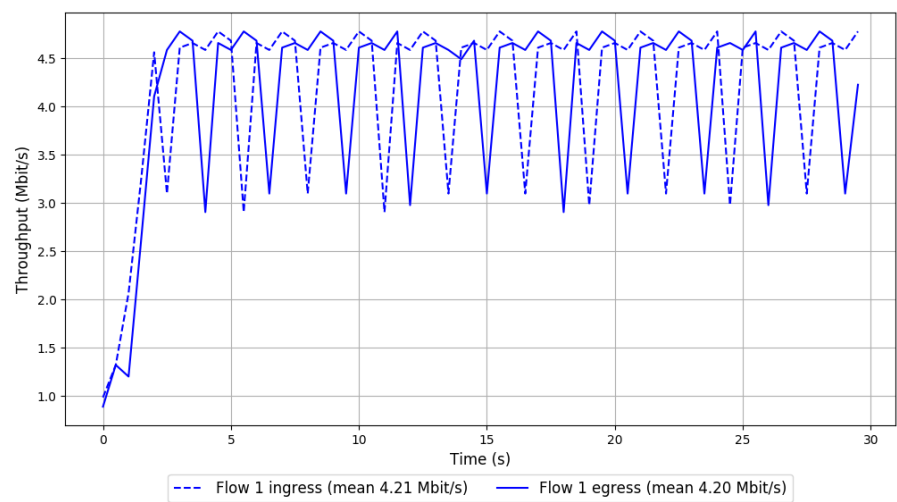
Run 3: Report of KohoCC — Data Link

```
Run 4: Statistics of KohoCC

Start at: 2017-09-18 09:04:19
End at: 2017-09-18 09:04:49

# Below is generated by plot.py at 2017-09-18 12:52:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.19 Mbit/s
95th percentile per-packet one-way delay: 137.964 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 4.19 Mbit/s
95th percentile per-packet one-way delay: 137.964 ms
Loss rate: 1.38%
```
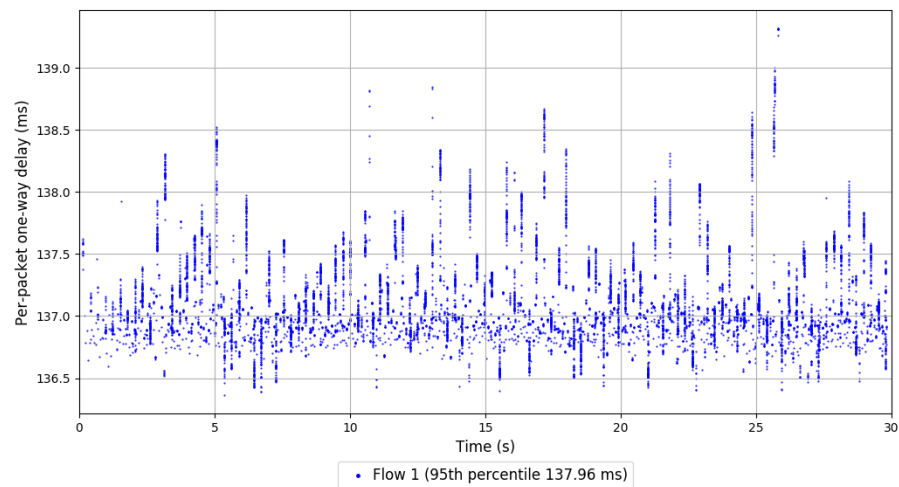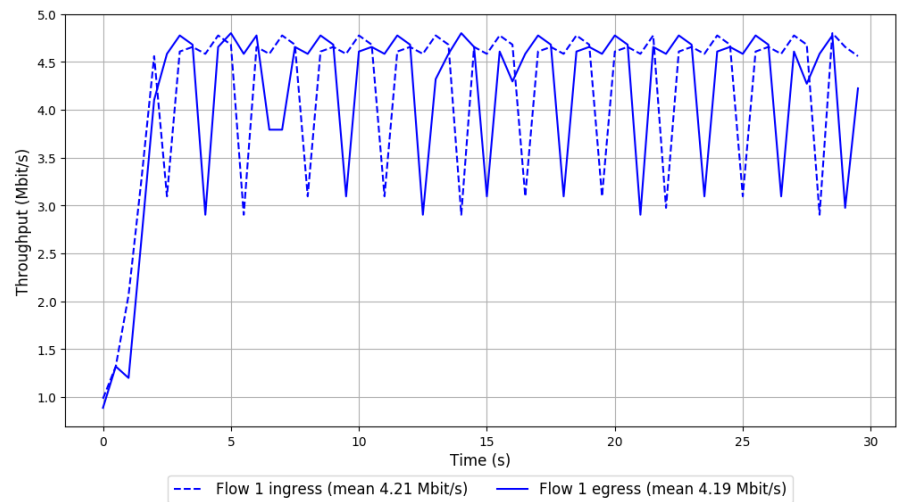
Run 4: Report of KohoCC — Data Link

Flow 1 ingress (mean 4.21 Mbit/s)   Flow 1 egress (mean 4.19 Mbit/s)

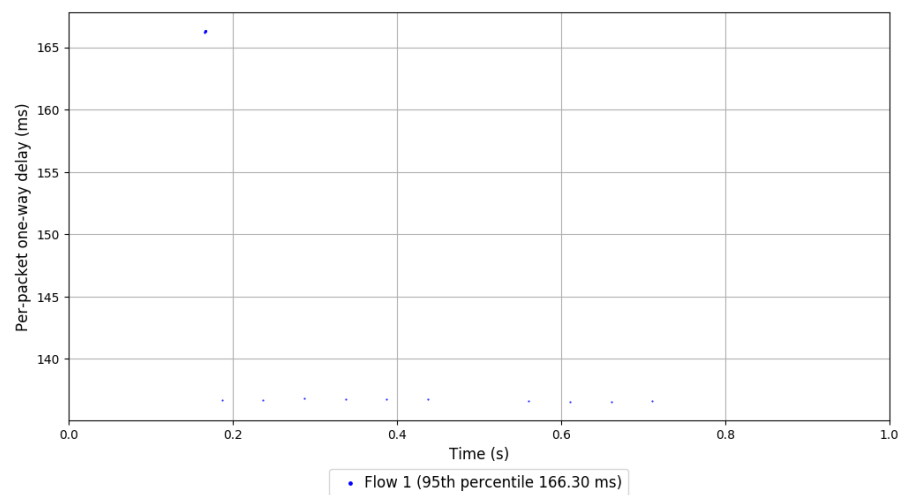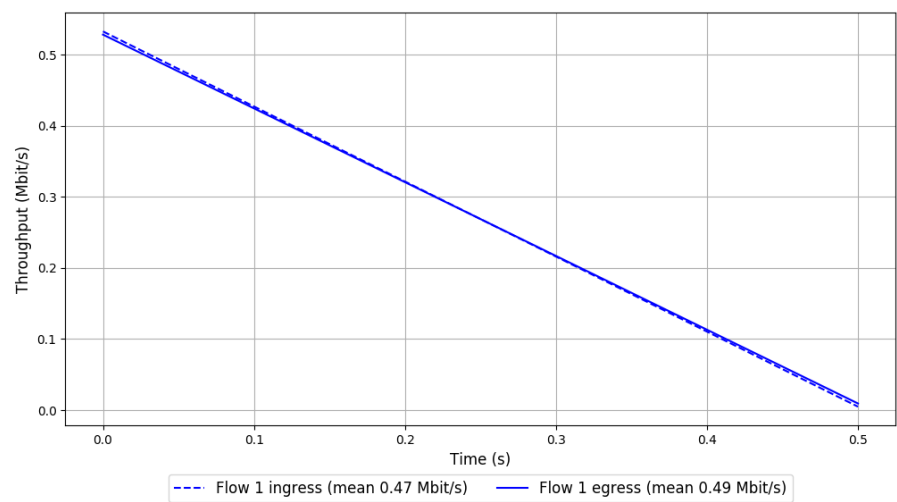
Flow 1 (95th percentile 137.96 ms)

Run 5: Statistics of KohoCC

Start at: 2017-09-18 09:16:49
End at: 2017-09-18 09:17:19

Run 5: Report of KohoCC — Data Link

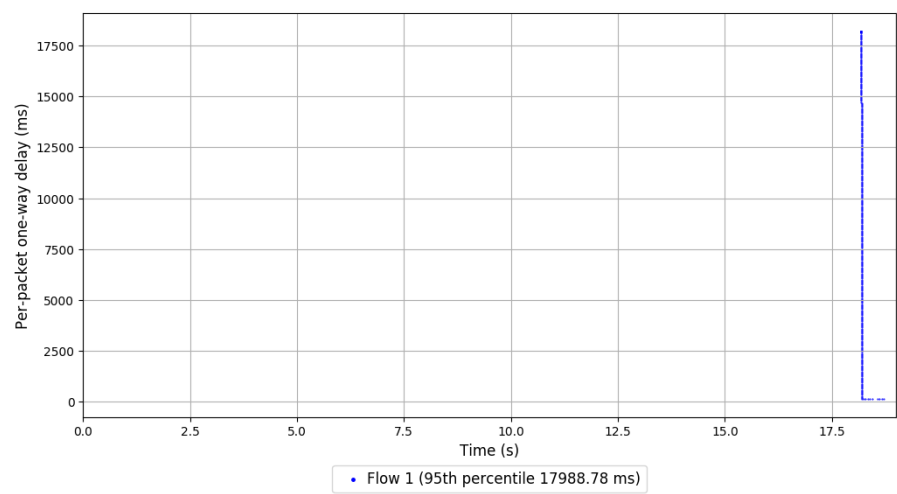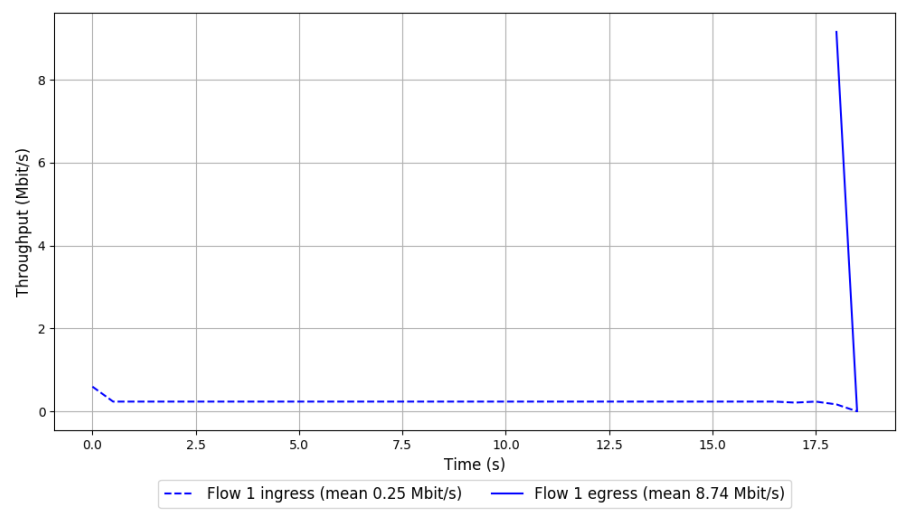Flow 1 ingress (mean 0.47 Mbit/s)   Flow 1 egress (mean 0.49 Mbit/s)

Flow 1 (95th percentile 166.30 ms)

Run 6: Statistics of KohoCC

Start at: 2017-09-18 09:29:13
End at: 2017-09-18 09:29:43

Run 6: Report of KohoCC — Data Link

Flow 1 ingress (mean 0.25 Mbit/s) — — —   Flow 1 egress (mean 8.74 Mbit/s) ———

• Flow 1 (95th percentile 17988.78 ms)

```
Run 7: Statistics of KohoCC

Start at: 2017-09-18 09:41:11
End at: 2017-09-18 09:41:41

# Below is generated by plot.py at 2017-09-18 12:52:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.20 Mbit/s
95th percentile per-packet one-way delay: 137.565 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 4.20 Mbit/s
95th percentile per-packet one-way delay: 137.565 ms
Loss rate: 1.07%
```
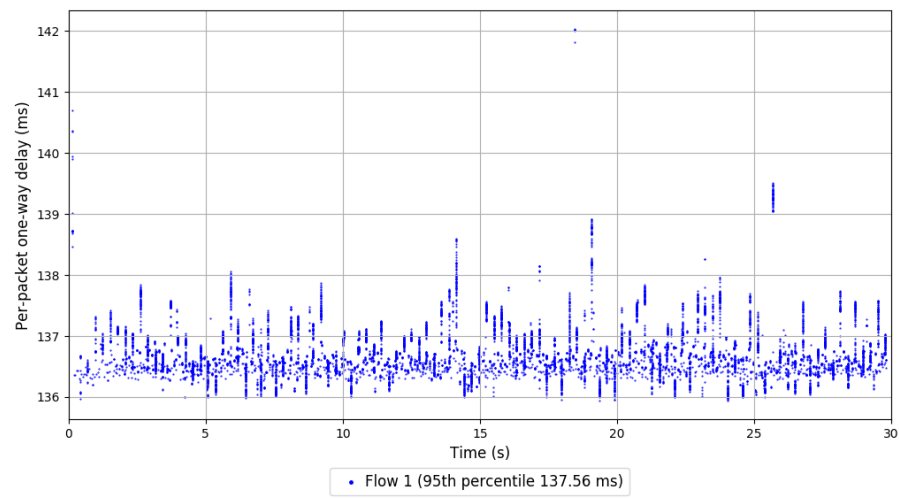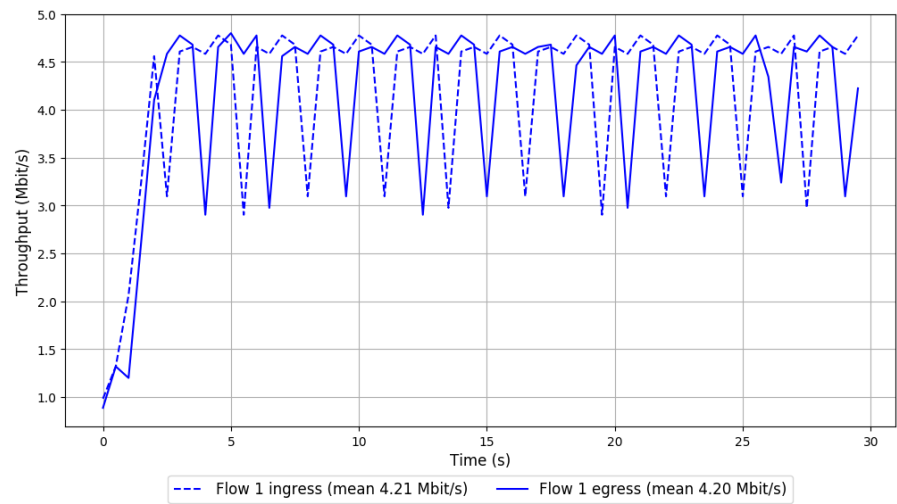
Run 7: Report of KohoCC — Data Link

```
Run 8: Statistics of KohoCC

Start at: 2017-09-18 09:53:33
End at: 2017-09-18 09:54:03

# Below is generated by plot.py at 2017-09-18 12:52:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.19 Mbit/s
95th percentile per-packet one-way delay: 137.488 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 4.19 Mbit/s
95th percentile per-packet one-way delay: 137.488 ms
Loss rate: 1.27%
```
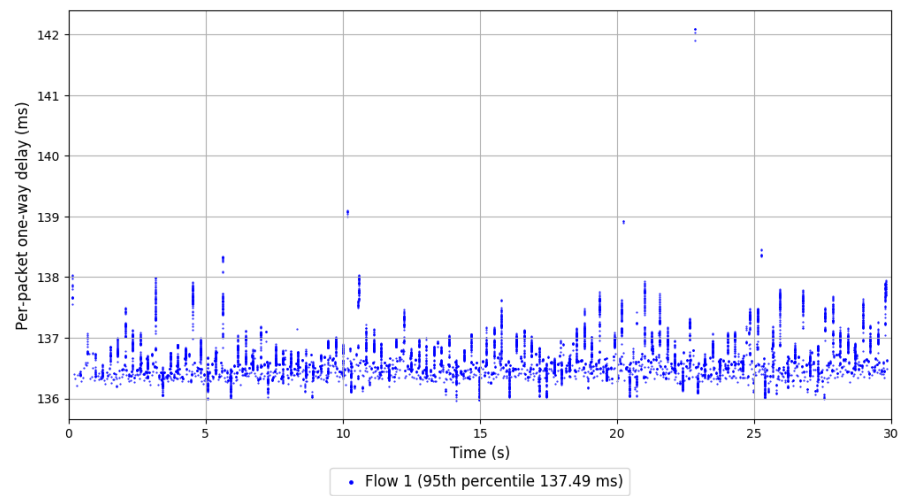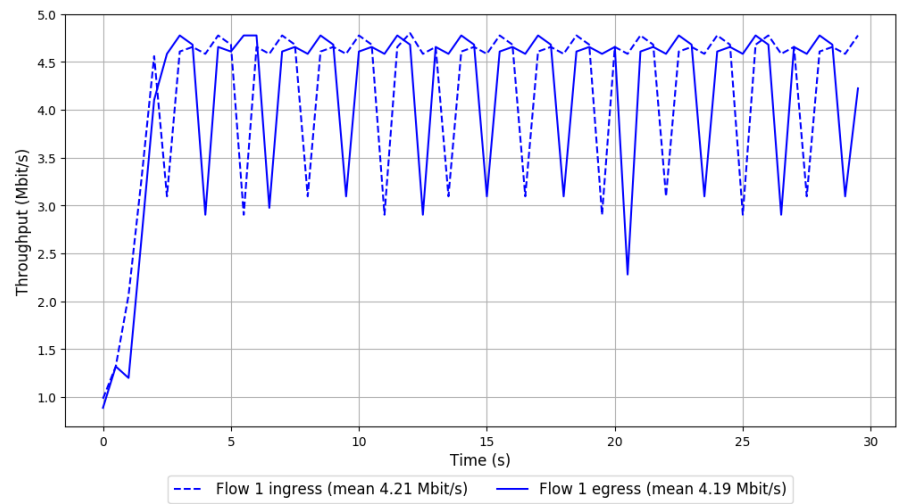
Run 8: Report of KohoCC — Data Link

Flow 1 ingress (mean 4.21 Mbit/s)   Flow 1 egress (mean 4.19 Mbit/s)

Flow 1 (95th percentile 137.49 ms)

```
Run 9: Statistics of KohoCC

Start at: 2017-09-18 10:05:57
End at: 2017-09-18 10:06:27

# Below is generated by plot.py at 2017-09-18 12:52:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.18 Mbit/s
95th percentile per-packet one-way delay: 138.059 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 4.18 Mbit/s
95th percentile per-packet one-way delay: 138.059 ms
Loss rate: 0.96%
```
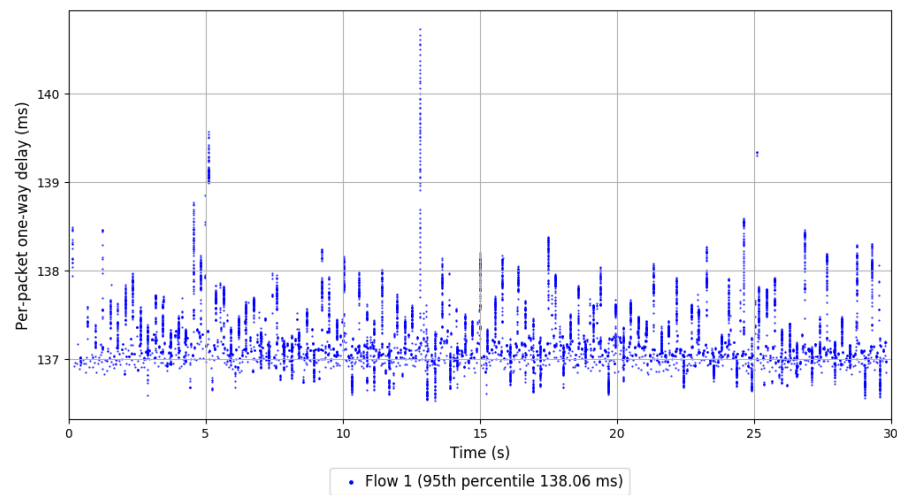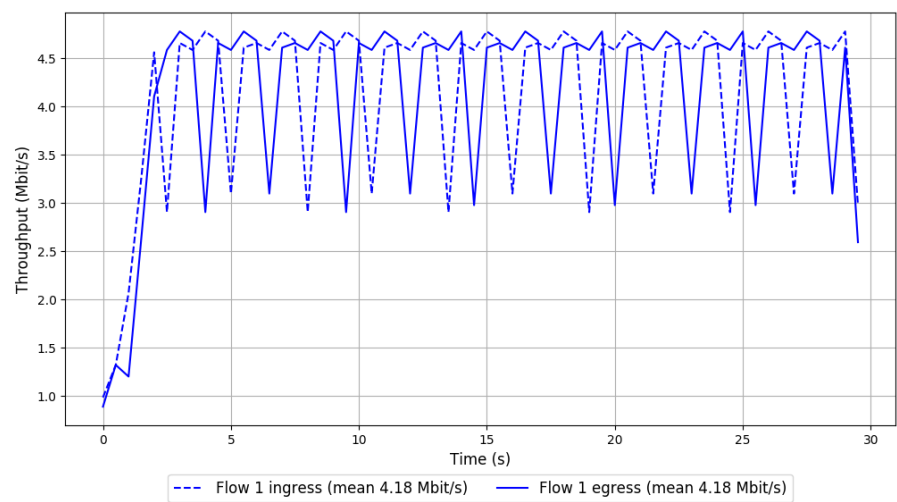
Run 9: Report of KohoCC — Data Link

Flow 1 ingress (mean 4.18 Mbit/s)   Flow 1 egress (mean 4.18 Mbit/s)

Flow 1 (95th percentile 138.06 ms)

```
Run 10: Statistics of KohoCC

Start at: 2017-09-18 10:18:00
End at: 2017-09-18 10:18:30

# Below is generated by plot.py at 2017-09-18 12:52:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.19 Mbit/s
95th percentile per-packet one-way delay: 138.170 ms
Loss rate: 1.31%
-- Flow 1:
Average throughput: 4.19 Mbit/s
95th percentile per-packet one-way delay: 138.170 ms
Loss rate: 1.31%
```
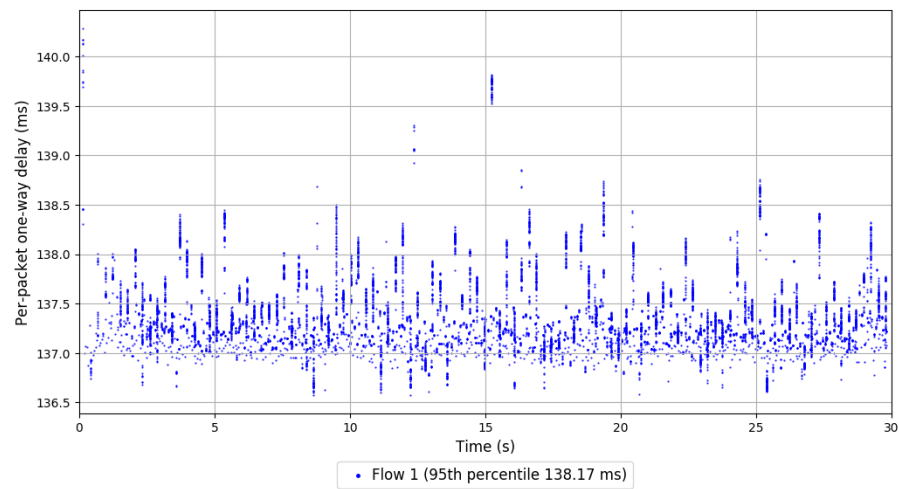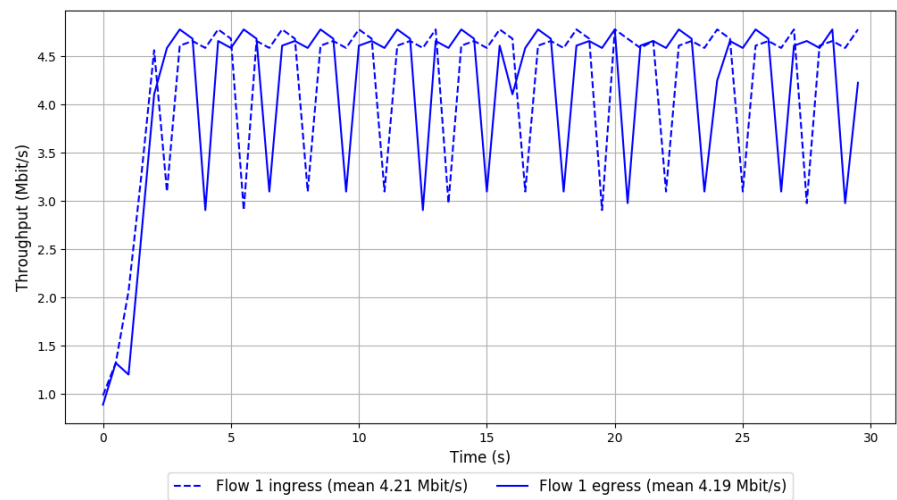
Run 10: Report of KohoCC — Data Link

Flow 1 ingress (mean 4.21 Mbit/s)   Flow 1 egress (mean 4.19 Mbit/s)
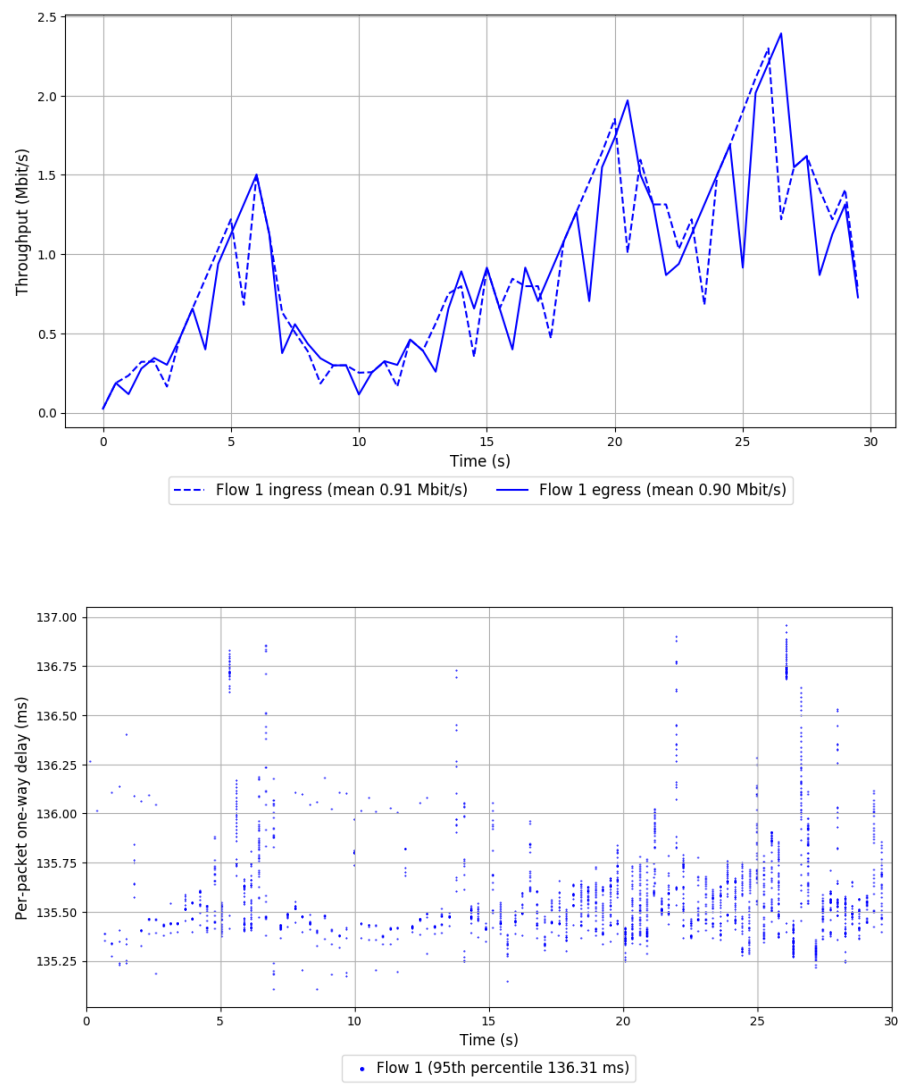

Flow 1 (95th percentile 138.17 ms)

```
Run 1: Statistics of LEDBAT

Start at: 2017-09-18 08:21:23
End at: 2017-09-18 08:21:53

# Below is generated by plot.py at 2017-09-18 12:52:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.90 Mbit/s
95th percentile per-packet one-way delay: 136.313 ms
Loss rate: 1.61%
-- Flow 1:
Average throughput: 0.90 Mbit/s
95th percentile per-packet one-way delay: 136.313 ms
Loss rate: 1.61%
```

Run 1: Report of LEDBAT — Data Link

Flow 1 ingress (mean 0.91 Mbit/s)   Flow 1 egress (mean 0.90 Mbit/s)

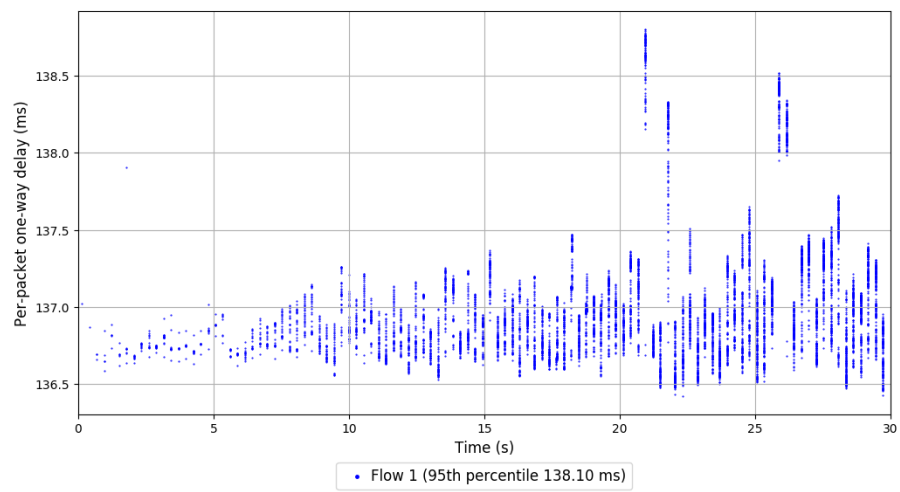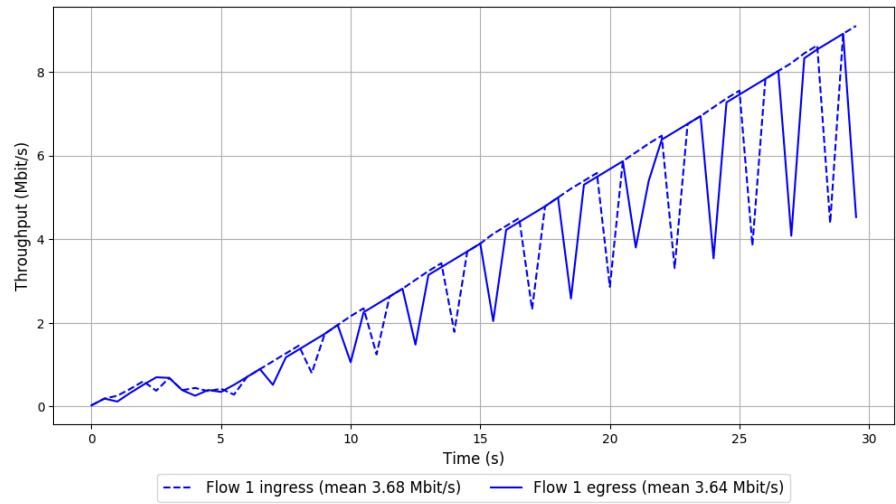• Flow 1 (95th percentile 136.31 ms)

```
Run 2: Statistics of LEDBAT

Start at: 2017-09-18 08:33:20
End at: 2017-09-18 08:33:50

# Below is generated by plot.py at 2017-09-18 12:52:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.64 Mbit/s
95th percentile per-packet one-way delay: 138.103 ms
Loss rate: 2.08%
-- Flow 1:
Average throughput: 3.64 Mbit/s
95th percentile per-packet one-way delay: 138.103 ms
Loss rate: 2.08%
```

Run 2: Report of LEDBAT — Data Link

Flow 1 ingress (mean 3.68 Mbit/s)   Flow 1 egress (mean 3.64 Mbit/s)

Flow 1 (95th percentile 138.10 ms)

```
Run 3: Statistics of LEDBAT

Start at: 2017-09-18 08:45:32
End at: 2017-09-18 08:46:03

# Below is generated by plot.py at 2017-09-18 12:52:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.20 Mbit/s
95th percentile per-packet one-way delay: 137.976 ms
Loss rate: 2.64%
-- Flow 1:
Average throughput: 1.20 Mbit/s
95th percentile per-packet one-way delay: 137.976 ms
Loss rate: 2.64%
```
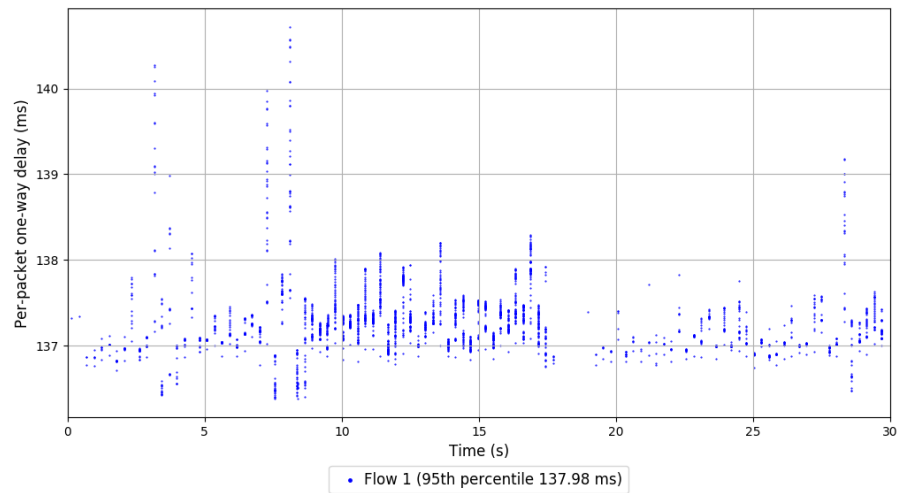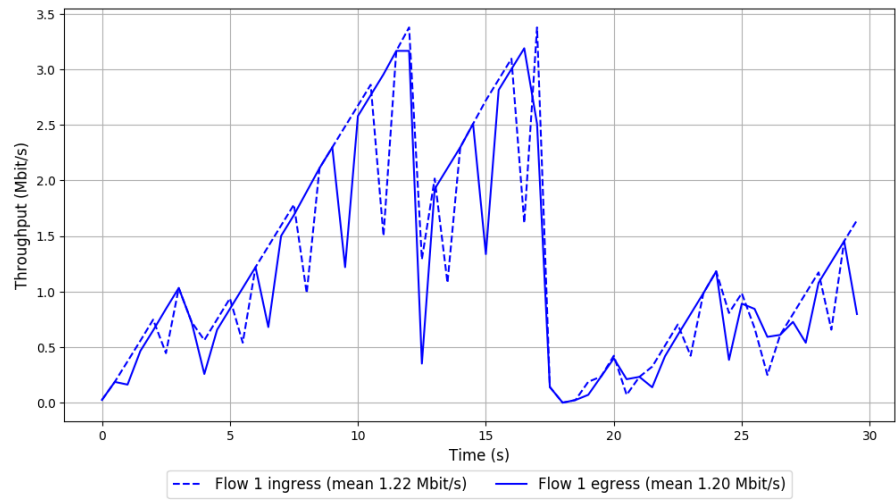
Run 3: Report of LEDBAT — Data Link

```
Run 4: Statistics of LEDBAT

Start at: 2017-09-18 08:57:33
End at: 2017-09-18 08:58:03

# Below is generated by plot.py at 2017-09-18 12:52:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.70 Mbit/s
95th percentile per-packet one-way delay: 138.307 ms
Loss rate: 2.57%
-- Flow 1:
Average throughput: 0.70 Mbit/s
95th percentile per-packet one-way delay: 138.307 ms
Loss rate: 2.57%
```
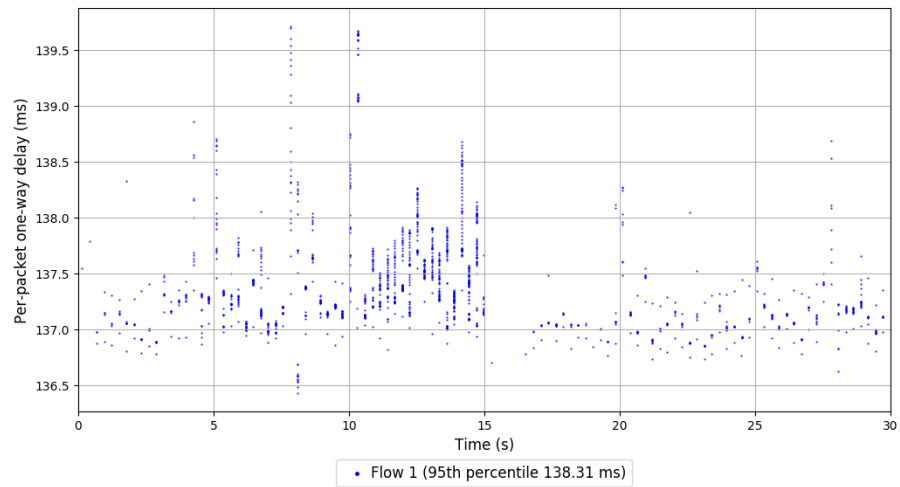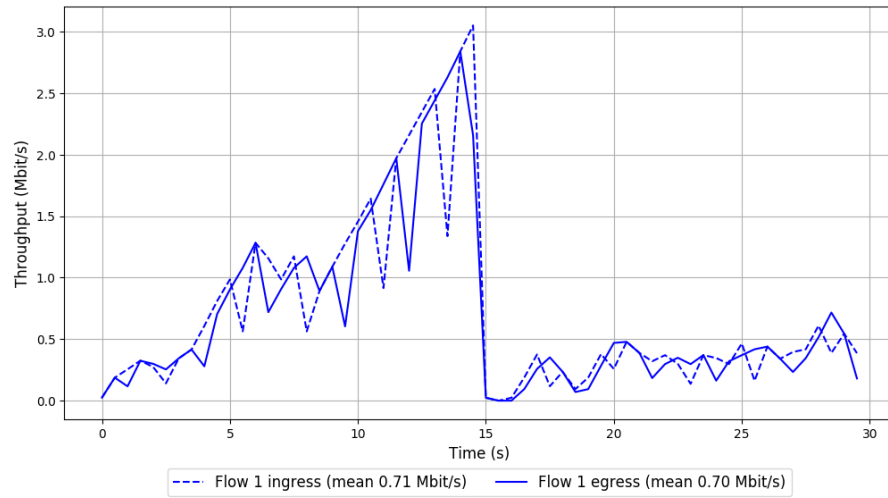
Run 4: Report of LEDBAT — Data Link

Flow 1 ingress (mean 0.71 Mbit/s)   Flow 1 egress (mean 0.70 Mbit/s)

Flow 1 (95th percentile 138.31 ms)

```
Run 5: Statistics of LEDBAT

Start at: 2017-09-18 09:09:57
End at: 2017-09-18 09:10:27

# Below is generated by plot.py at 2017-09-18 12:52:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.28 Mbit/s
95th percentile per-packet one-way delay: 138.461 ms
Loss rate: 3.13%
-- Flow 1:
Average throughput: 1.28 Mbit/s
95th percentile per-packet one-way delay: 138.461 ms
Loss rate: 3.13%
```
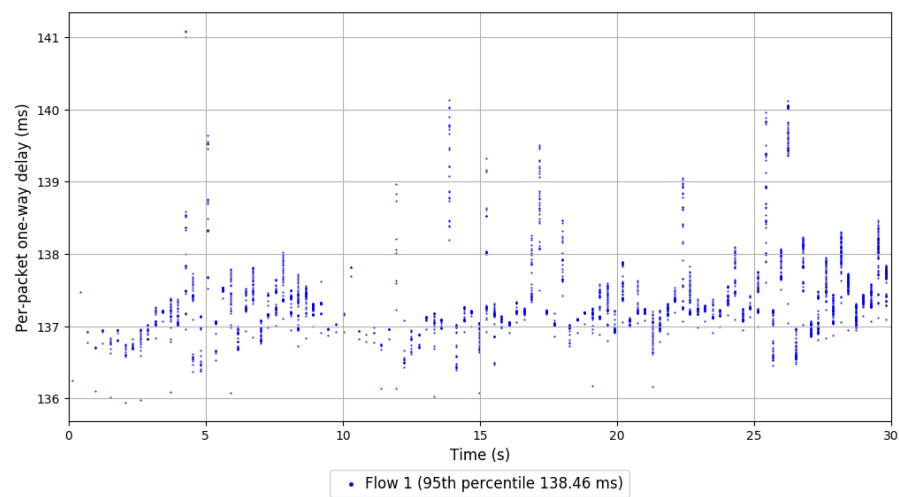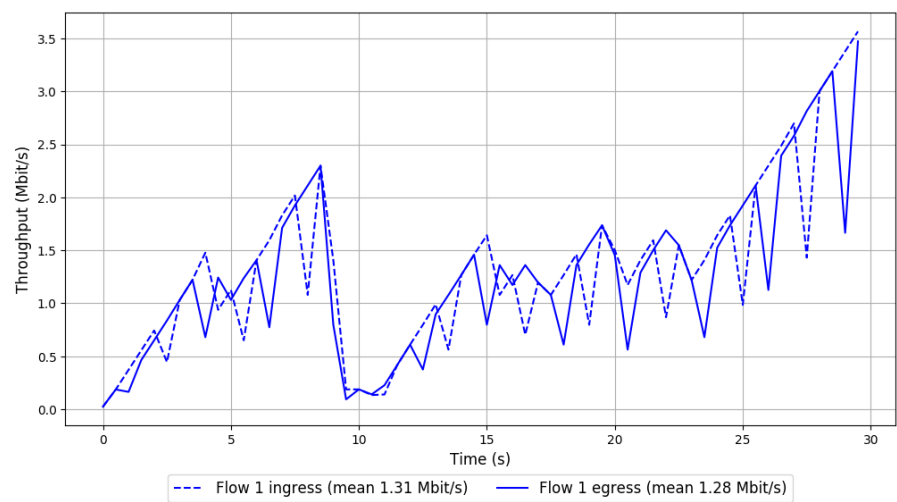
Run 5: Report of LEDBAT — Data Link

Flow 1 ingress (mean 1.31 Mbit/s)   Flow 1 egress (mean 1.28 Mbit/s)

Flow 1 (95th percentile 138.46 ms)

```
Run 6: Statistics of LEDBAT

Start at: 2017-09-18 09:22:19
End at: 2017-09-18 09:22:50

# Below is generated by plot.py at 2017-09-18 12:52:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.15 Mbit/s
95th percentile per-packet one-way delay: 138.219 ms
Loss rate: 1.99%
-- Flow 1:
Average throughput: 1.15 Mbit/s
95th percentile per-packet one-way delay: 138.219 ms
Loss rate: 1.99%
```
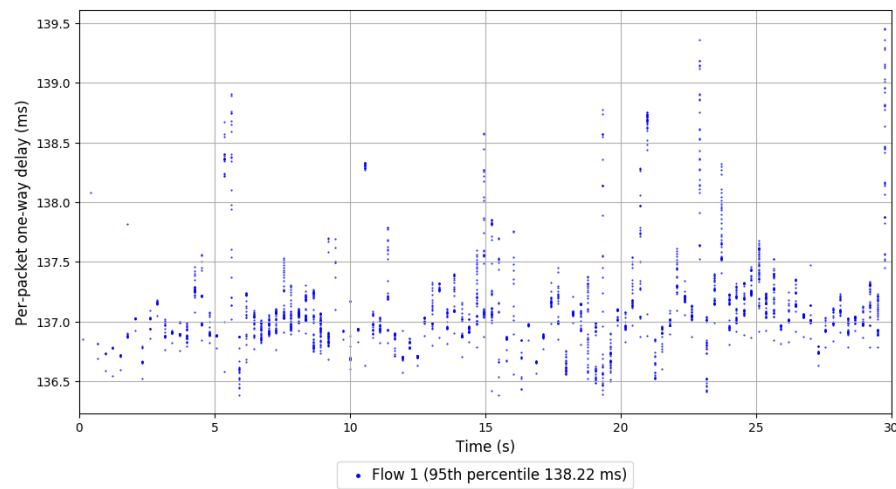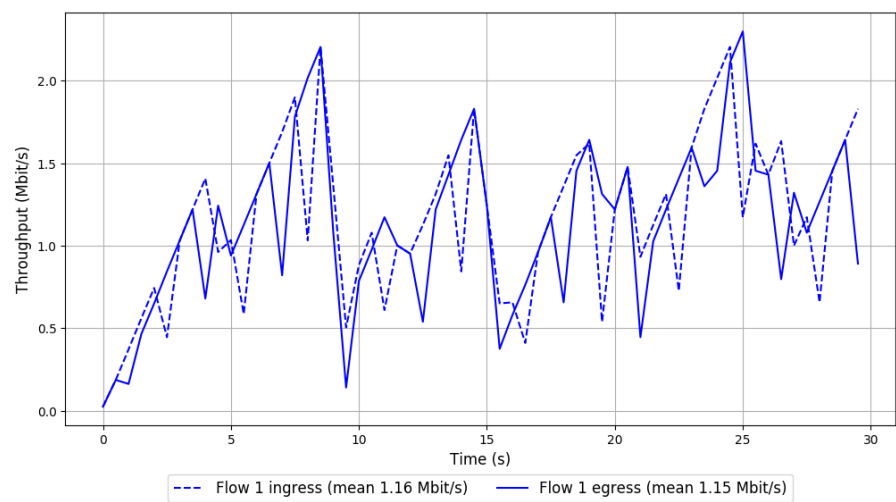
Run 6: Report of LEDBAT — Data Link

```
Run 7: Statistics of LEDBAT

Start at: 2017-09-18 09:34:54
End at: 2017-09-18 09:35:24

# Below is generated by plot.py at 2017-09-18 12:52:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: 137.480 ms
Loss rate: 2.68%
-- Flow 1:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: 137.480 ms
Loss rate: 2.68%
```
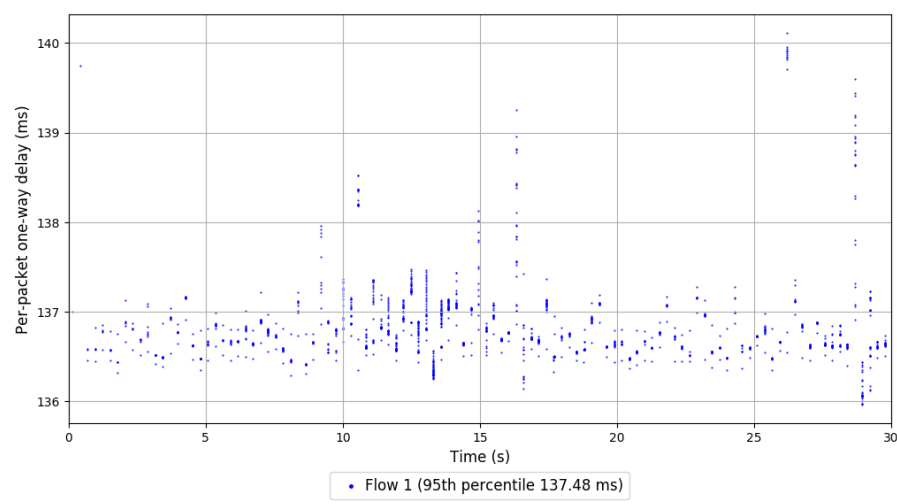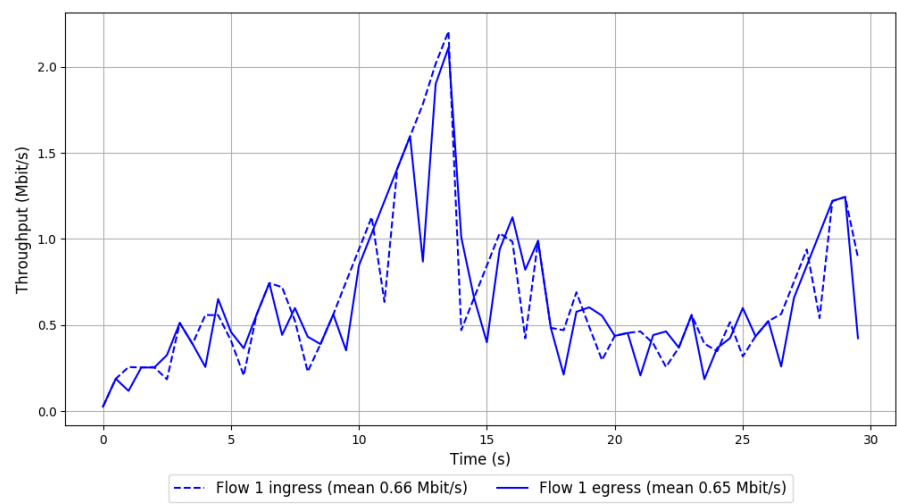
Run 7: Report of LEDBAT — Data Link

Flow 1 ingress (mean 0.66 Mbit/s)   Flow 1 egress (mean 0.65 Mbit/s)

Flow 1 (95th percentile 137.48 ms)

```
Run 8: Statistics of LEDBAT

Start at: 2017-09-18 09:46:57
End at: 2017-09-18 09:47:27

# Below is generated by plot.py at 2017-09-18 12:52:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 137.243 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 137.243 ms
Loss rate: 1.09%
```
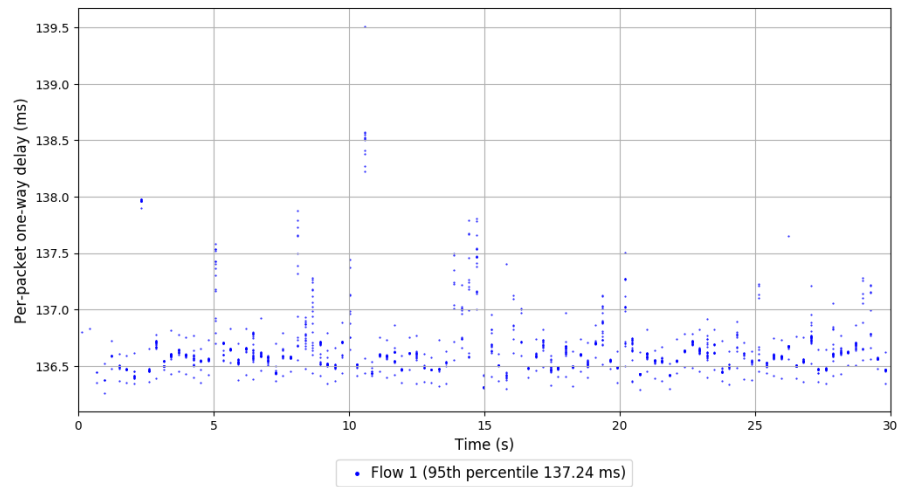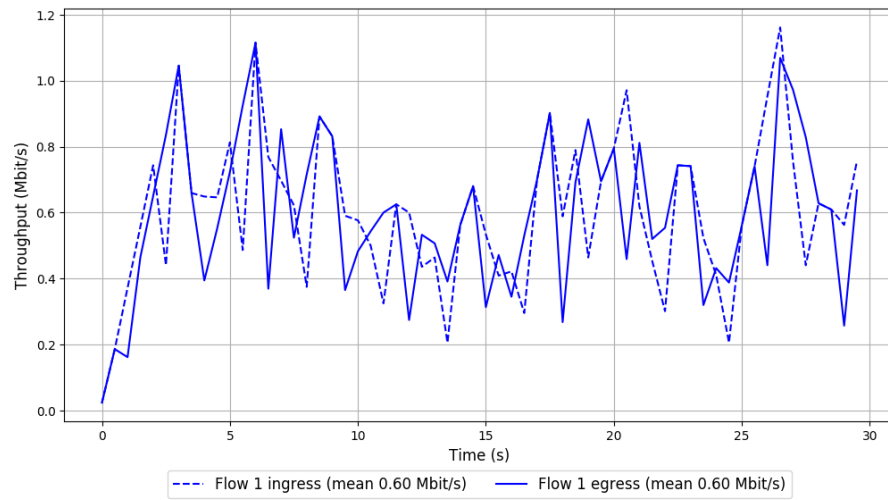
Run 8: Report of LEDBAT — Data Link

```
Run 9: Statistics of LEDBAT

Start at: 2017-09-18 09:59:13
End at: 2017-09-18 09:59:43

# Below is generated by plot.py at 2017-09-18 12:52:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 138.031 ms
Loss rate: 2.05%
-- Flow 1:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 138.031 ms
Loss rate: 2.05%
```
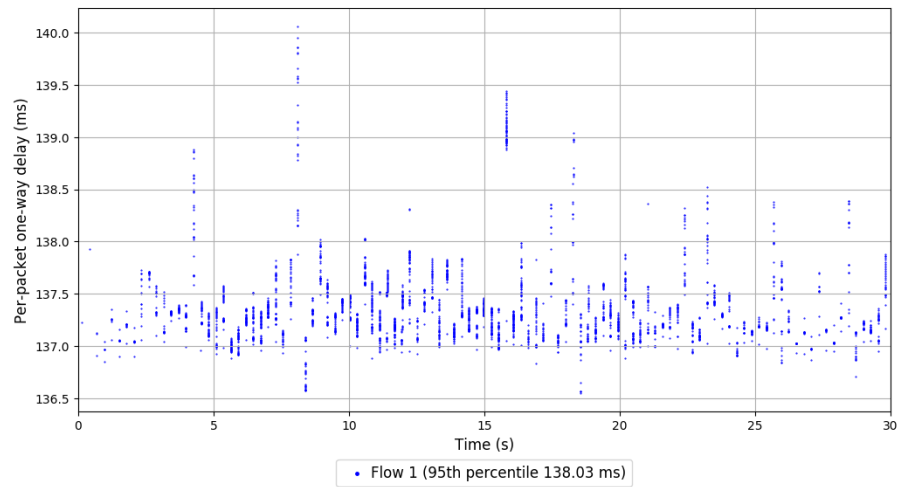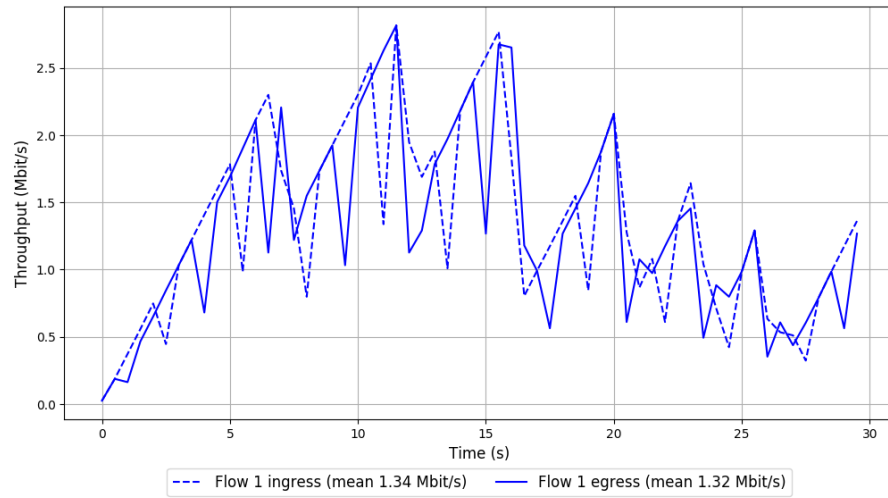
Run 9: Report of LEDBAT — Data Link

Flow 1 ingress (mean 1.34 Mbit/s) --- Flow 1 egress (mean 1.32 Mbit/s)

Flow 1 (95th percentile 138.03 ms)

```
Run 10: Statistics of LEDBAT

Start at: 2017-09-18 10:11:35
End at: 2017-09-18 10:12:05

# Below is generated by plot.py at 2017-09-18 12:52:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 139.758 ms
Loss rate: 2.19%
-- Flow 1:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 139.758 ms
Loss rate: 2.19%
```
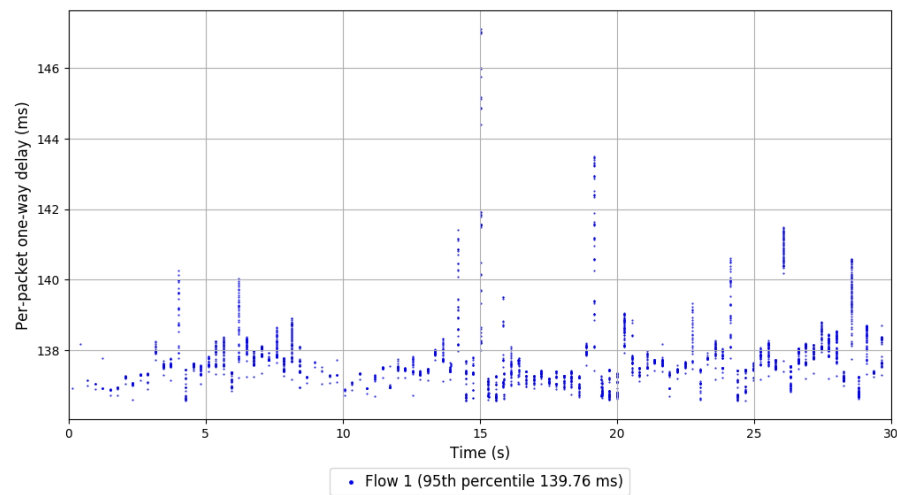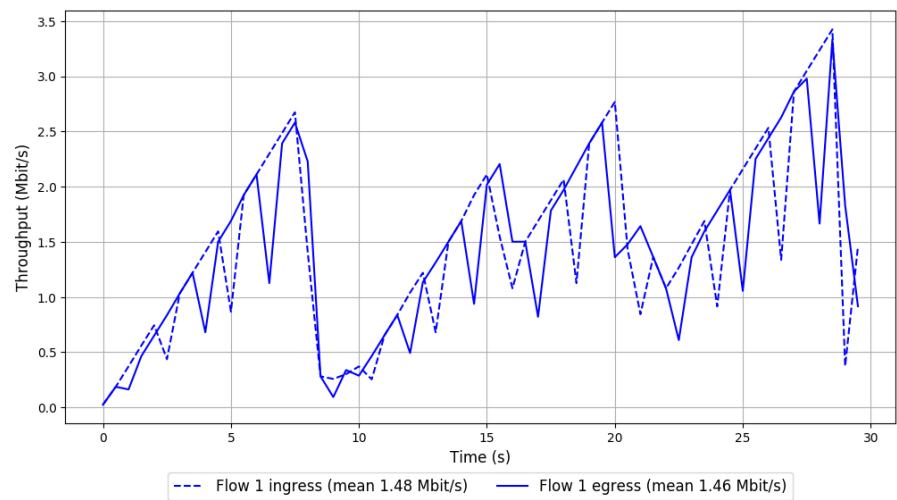
Run 10: Report of LEDBAT — Data Link

Flow 1 ingress (mean 1.48 Mbit/s)   Flow 1 egress (mean 1.46 Mbit/s)

Flow 1 (95th percentile 139.76 ms)

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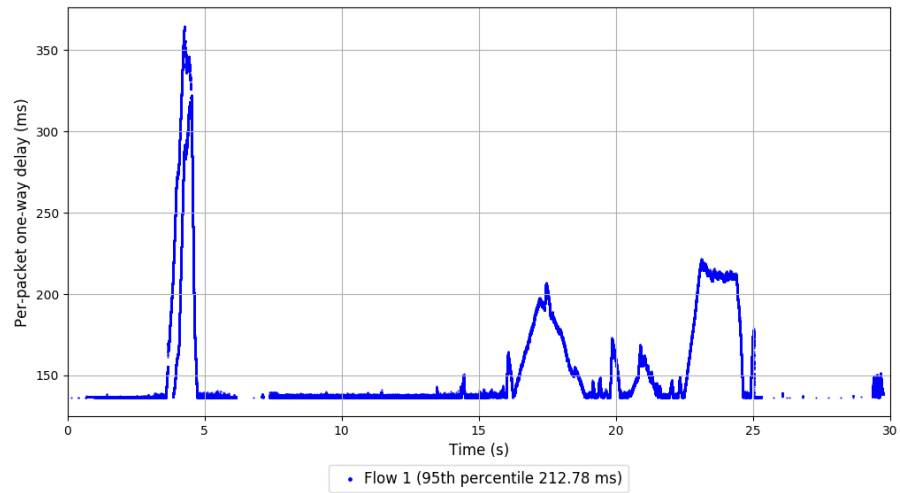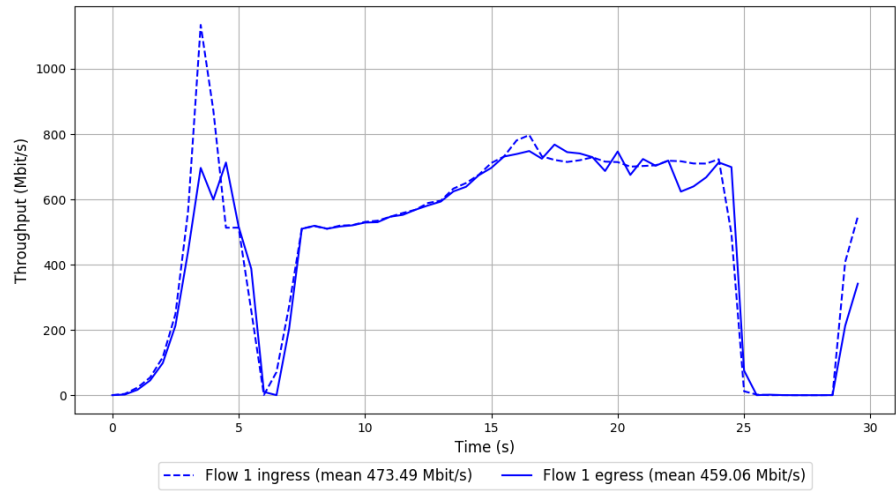
Run 1: Statistics of PCC

Start at: 2017-09-18 08:30:36
End at: 2017-09-18 08:31:06

Below is generated by plot.py at 2017-09-18 12:58:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 459.06 Mbit/s
95th percentile per-packet one-way delay: 212.783 ms
Loss rate: 3.94%
-- Flow 1:
Average throughput: 459.06 Mbit/s
95th percentile per-packet one-way delay: 212.783 ms
Loss rate: 3.94%

Run 1: Report of PCC — Data Link

Flow 1 ingress (mean 473.49 Mbit/s)   Flow 1 egress (mean 459.06 Mbit/s)

Flow 1 (95th percentile 212.78 ms)

```
Run 2: Statistics of PCC

Start at: 2017-09-18 08:42:46
End at: 2017-09-18 08:43:16

# Below is generated by plot.py at 2017-09-18 12:58:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 443.41 Mbit/s
95th percentile per-packet one-way delay: 220.548 ms
Loss rate: 4.09%
-- Flow 1:
Average throughput: 443.41 Mbit/s
95th percentile per-packet one-way delay: 220.548 ms
Loss rate: 4.09%
```
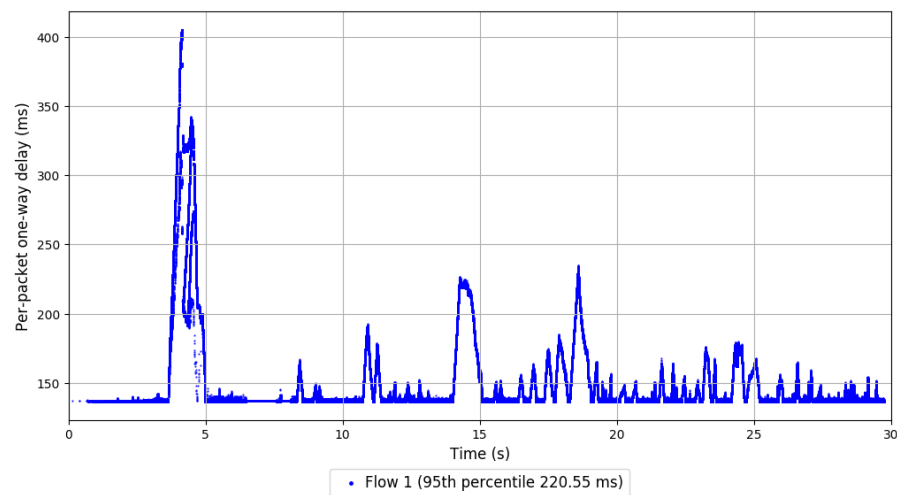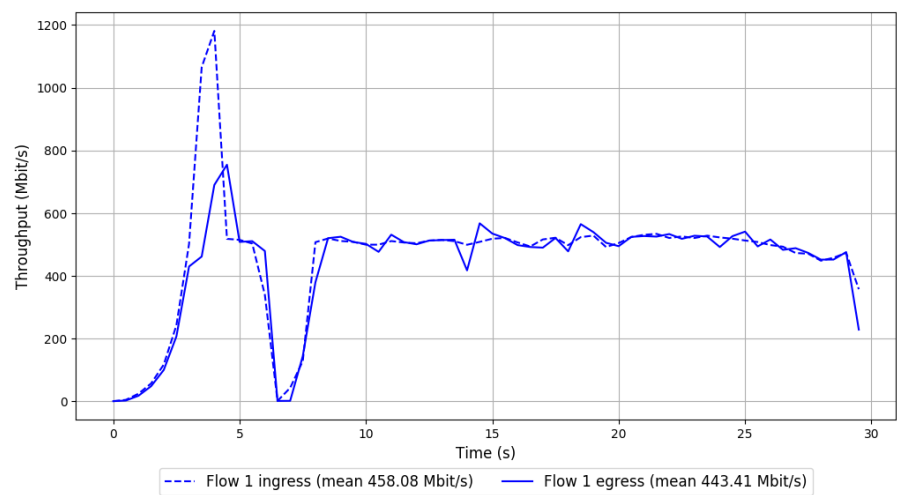
Run 2: Report of PCC — Data Link

```
Run 3: Statistics of PCC

Start at: 2017-09-18 08:54:46
End at: 2017-09-18 08:55:16

# Below is generated by plot.py at 2017-09-18 12:58:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 424.73 Mbit/s
95th percentile per-packet one-way delay: 246.321 ms
Loss rate: 5.17%
-- Flow 1:
Average throughput: 424.73 Mbit/s
95th percentile per-packet one-way delay: 246.321 ms
Loss rate: 5.17%
```
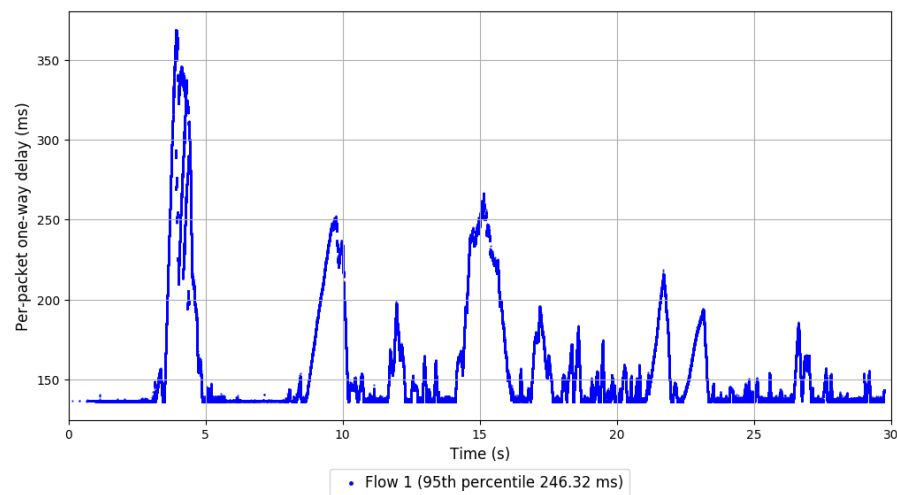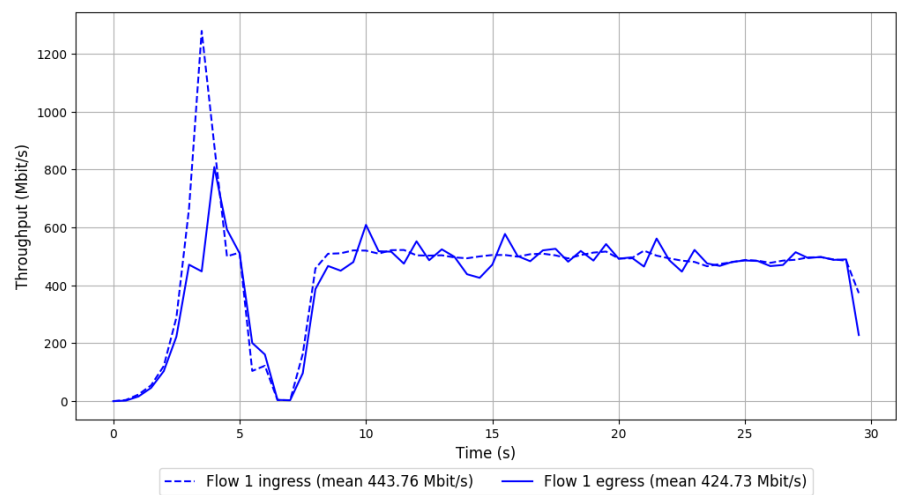
Run 3: Report of PCC — Data Link

Flow 1 ingress (mean 443.76 Mbit/s) --- Flow 1 egress (mean 424.73 Mbit/s)

• Flow 1 (95th percentile 246.32 ms)

```
Run 4: Statistics of PCC

Start at: 2017-09-18 09:07:16
End at: 2017-09-18 09:07:46

# Below is generated by plot.py at 2017-09-18 12:58:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 320.61 Mbit/s
95th percentile per-packet one-way delay: 239.857 ms
Loss rate: 4.16%
-- Flow 1:
Average throughput: 320.61 Mbit/s
95th percentile per-packet one-way delay: 239.857 ms
Loss rate: 4.16%
```
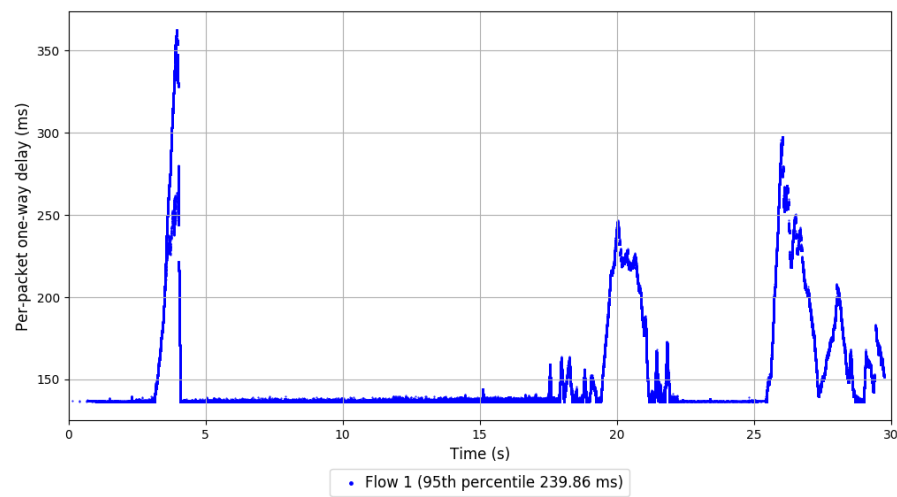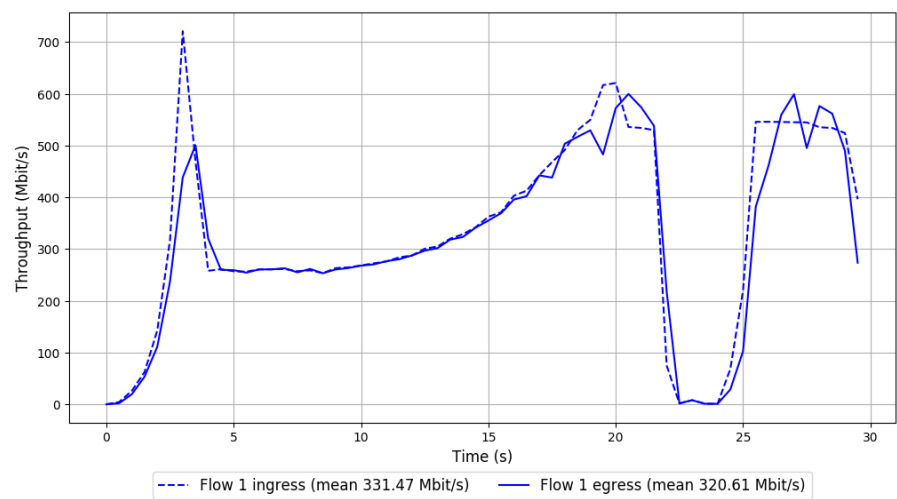
Run 4: Report of PCC — Data Link

```
Run 5: Statistics of PCC

Start at: 2017-09-18 09:19:45
End at: 2017-09-18 09:20:15

# Below is generated by plot.py at 2017-09-18 12:58:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 415.72 Mbit/s
95th percentile per-packet one-way delay: 239.774 ms
Loss rate: 4.09%
-- Flow 1:
Average throughput: 415.72 Mbit/s
95th percentile per-packet one-way delay: 239.774 ms
Loss rate: 4.09%
```
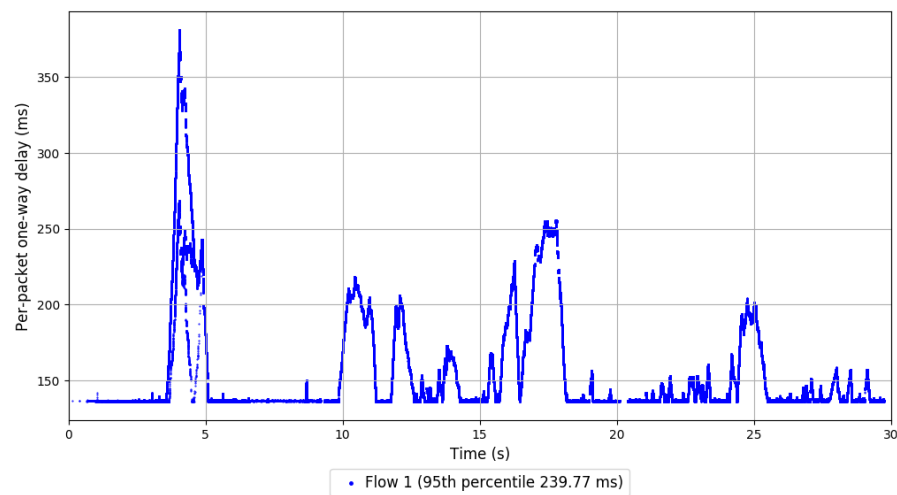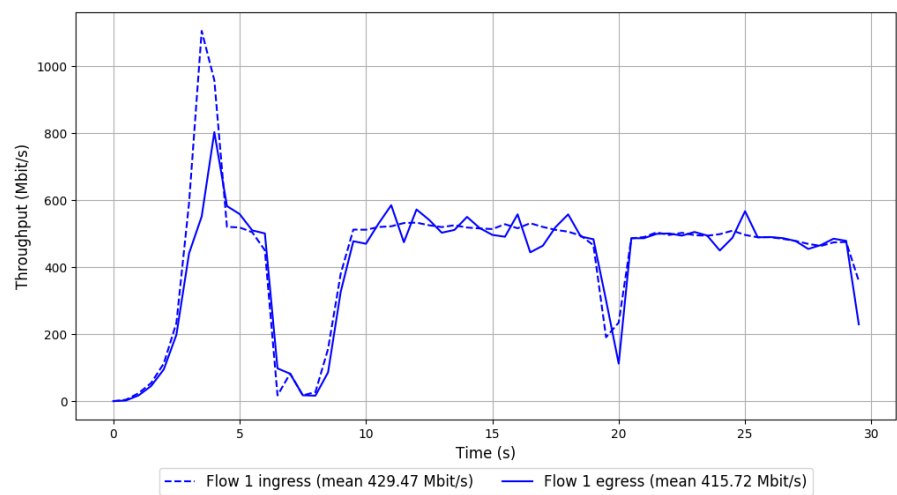
Run 5: Report of PCC — Data Link

Flow 1 ingress (mean 429.47 Mbit/s) —— Flow 1 egress (mean 415.72 Mbit/s)

• Flow 1 (95th percentile 239.77 ms)

```
Run 6: Statistics of PCC

Start at: 2017-09-18 09:32:10
End at: 2017-09-18 09:32:40

# Below is generated by plot.py at 2017-09-18 12:58:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 414.69 Mbit/s
95th percentile per-packet one-way delay: 248.462 ms
Loss rate: 4.37%
-- Flow 1:
Average throughput: 414.69 Mbit/s
95th percentile per-packet one-way delay: 248.462 ms
Loss rate: 4.37%
```
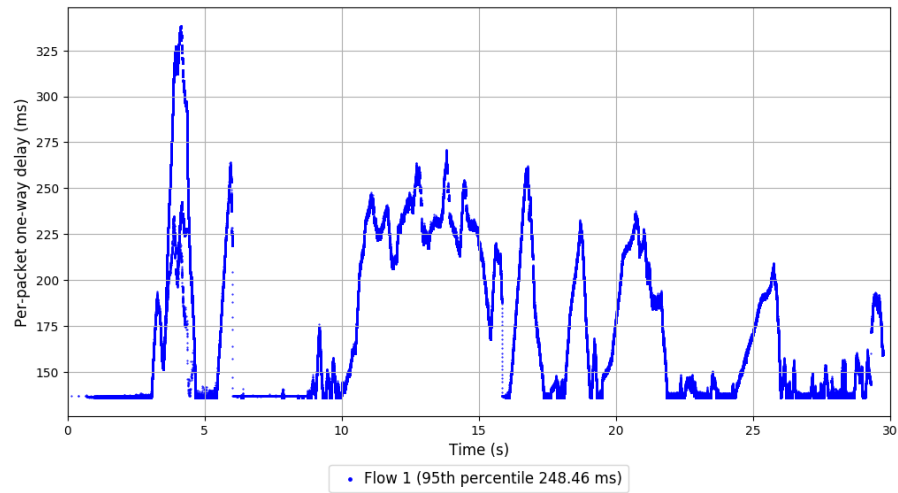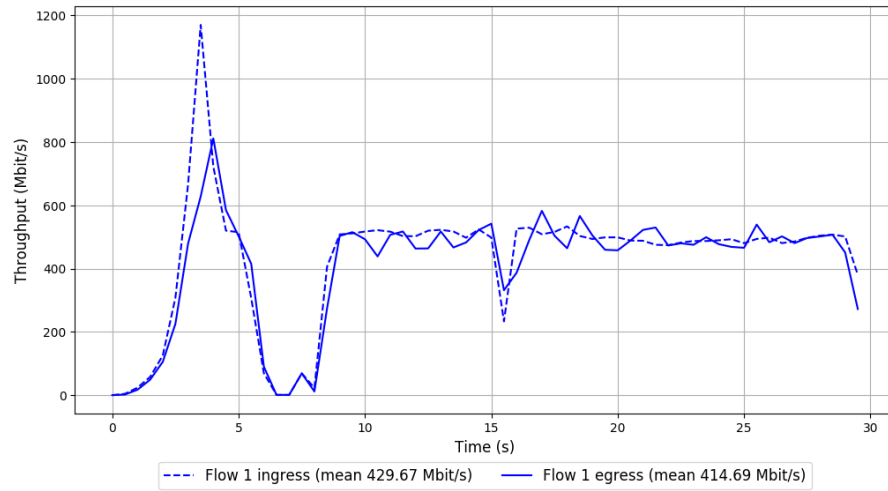
Run 6: Report of PCC — Data Link

Flow 1 ingress (mean 429.67 Mbit/s)   Flow 1 egress (mean 414.69 Mbit/s)

Flow 1 (95th percentile 248.46 ms)

```
Run 7: Statistics of PCC

Start at: 2017-09-18 09:44:10
End at: 2017-09-18 09:44:40

# Below is generated by plot.py at 2017-09-18 13:01:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 446.76 Mbit/s
95th percentile per-packet one-way delay: 251.387 ms
Loss rate: 4.00%
-- Flow 1:
Average throughput: 446.76 Mbit/s
95th percentile per-packet one-way delay: 251.387 ms
Loss rate: 4.00%
```
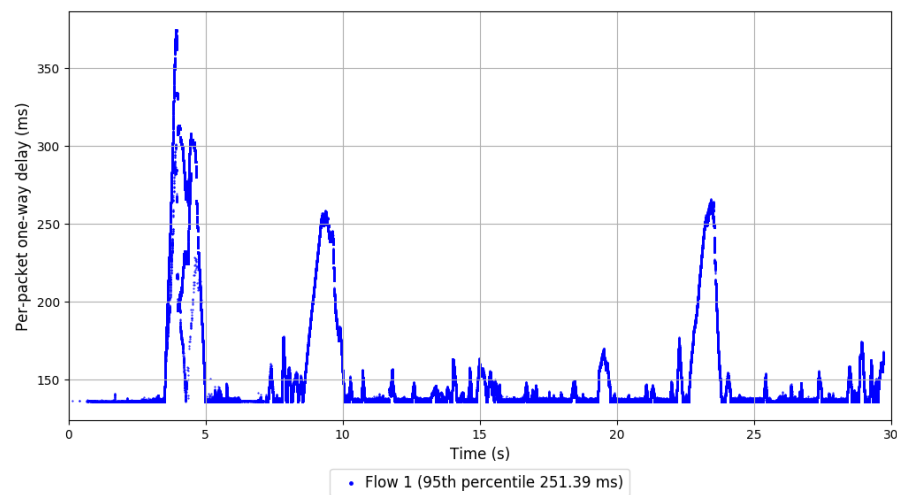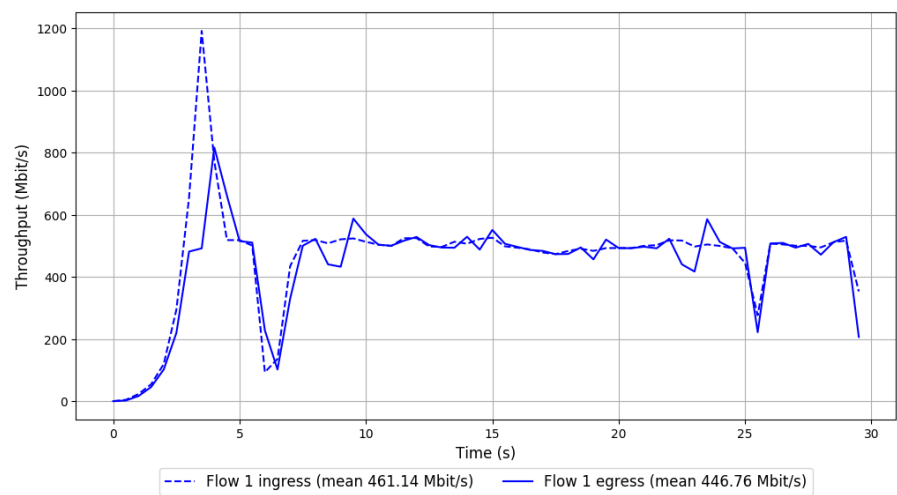
Run 7: Report of PCC — Data Link

Flow 1 ingress (mean 461.14 Mbit/s)   Flow 1 egress (mean 446.76 Mbit/s)

Flow 1 (95th percentile 251.39 ms)

```
Run 8: Statistics of PCC

Start at: 2017-09-18 09:56:32
End at: 2017-09-18 09:57:02

# Below is generated by plot.py at 2017-09-18 13:01:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 326.45 Mbit/s
95th percentile per-packet one-way delay: 259.228 ms
Loss rate: 5.40%
-- Flow 1:
Average throughput: 326.45 Mbit/s
95th percentile per-packet one-way delay: 259.228 ms
Loss rate: 5.40%
```
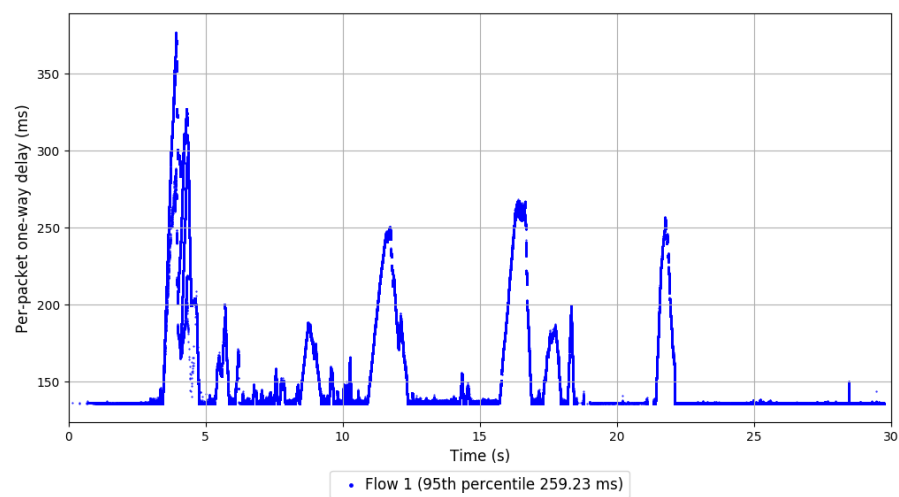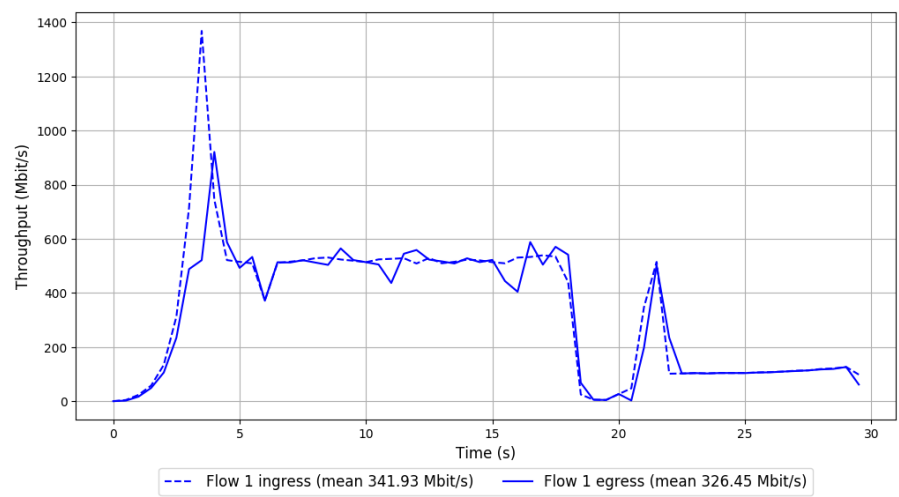
Run 8: Report of PCC — Data Link

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```
Run 9: Statistics of PCC

Start at: 2017-09-18 10:08:55
End at: 2017-09-18 10:09:25

# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 451.98 Mbit/s
95th percentile per-packet one-way delay: 215.392 ms
Loss rate: 4.32%
-- Flow 1:
Average throughput: 451.98 Mbit/s
95th percentile per-packet one-way delay: 215.392 ms
Loss rate: 4.32%
```
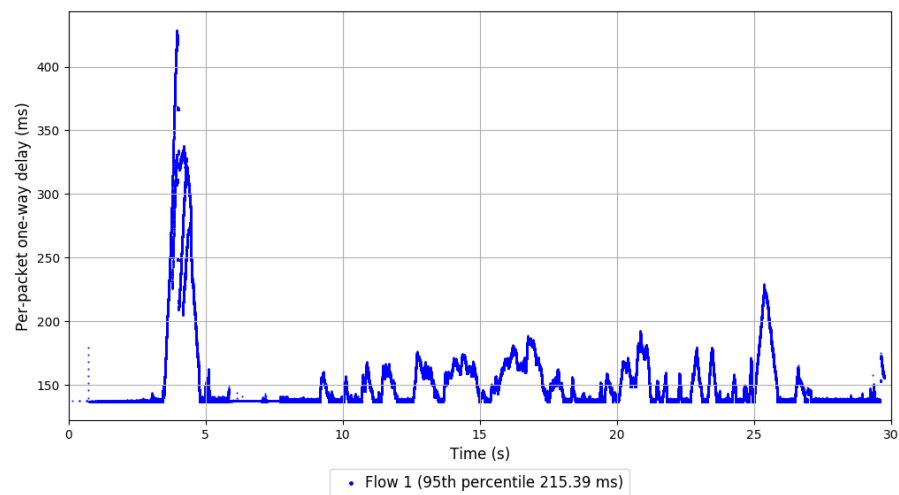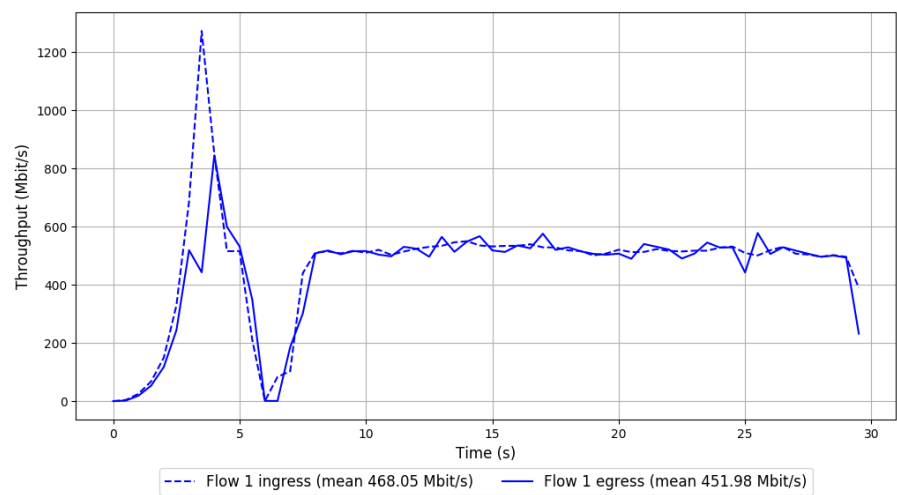
Run 9: Report of PCC — Data Link

Flow 1 ingress (mean 468.05 Mbit/s)   Flow 1 egress (mean 451.98 Mbit/s)

• Flow 1 (95th percentile 215.39 ms)

```
Run 10: Statistics of PCC

Start at: 2017-09-18 10:20:58
End at: 2017-09-18 10:21:28

# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 346.84 Mbit/s
95th percentile per-packet one-way delay: 208.846 ms
Loss rate: 3.65%
-- Flow 1:
Average throughput: 346.84 Mbit/s
95th percentile per-packet one-way delay: 208.846 ms
Loss rate: 3.65%
```
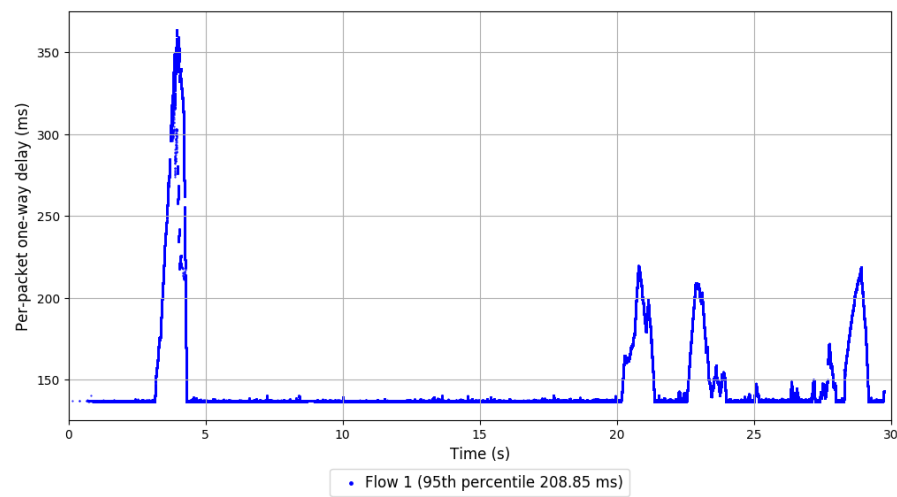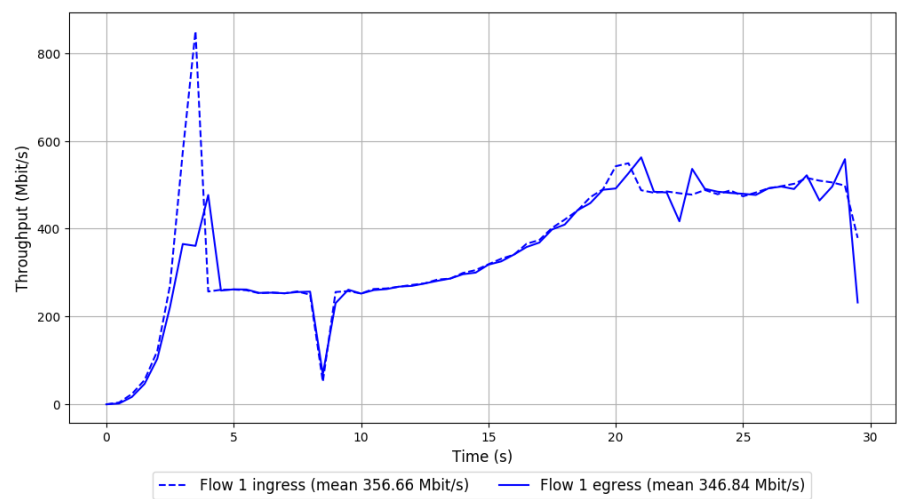
Run 10: Report of PCC — Data Link

Flow 1 ingress (mean 356.66 Mbit/s) — — — Flow 1 egress (mean 346.84 Mbit/s)

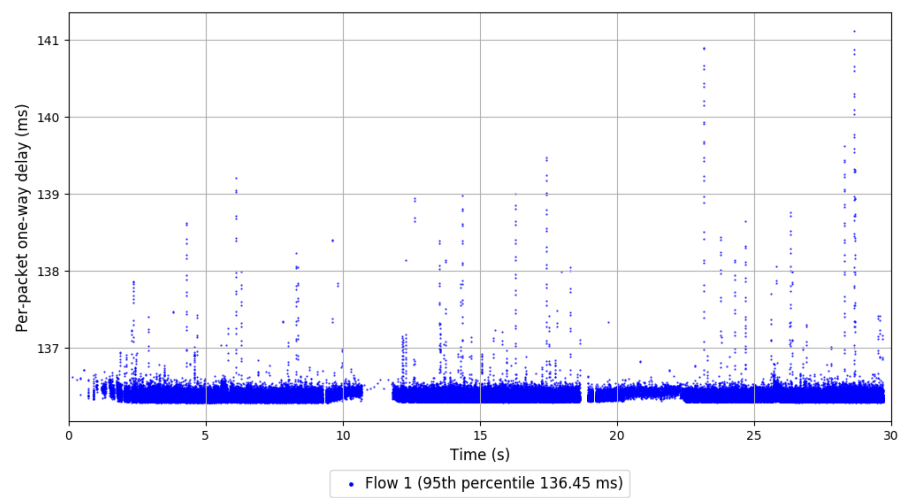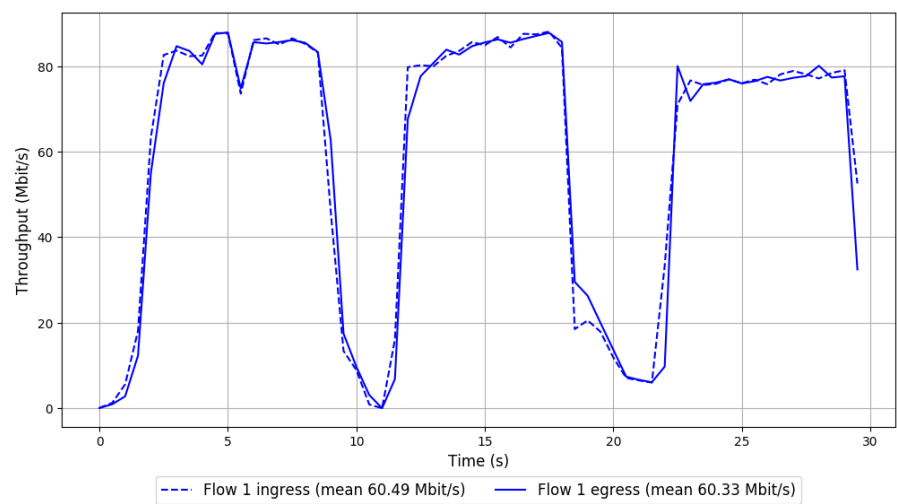· Flow 1 (95th percentile 208.85 ms)

```
Run 1: Statistics of QUIC Cubic

Start at: 2017-09-18 08:28:21
End at: 2017-09-18 08:28:51

# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.33 Mbit/s
95th percentile per-packet one-way delay: 136.454 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 60.33 Mbit/s
95th percentile per-packet one-way delay: 136.454 ms
Loss rate: 1.17%
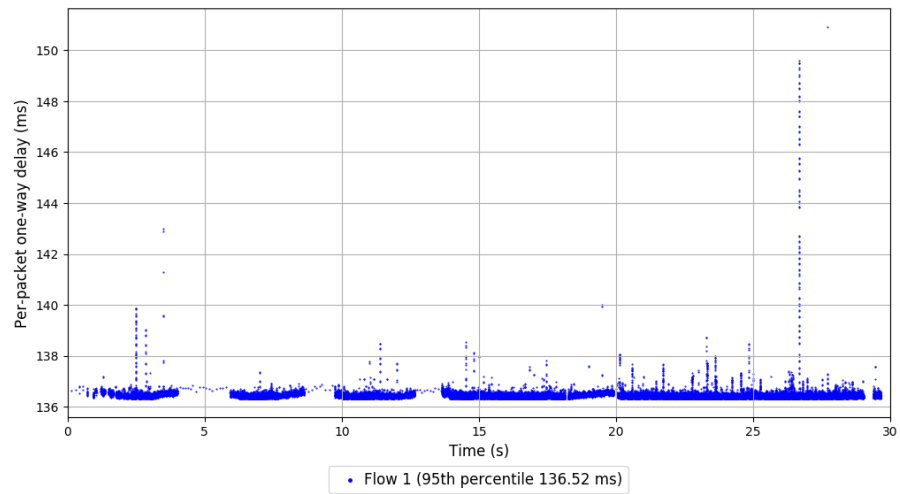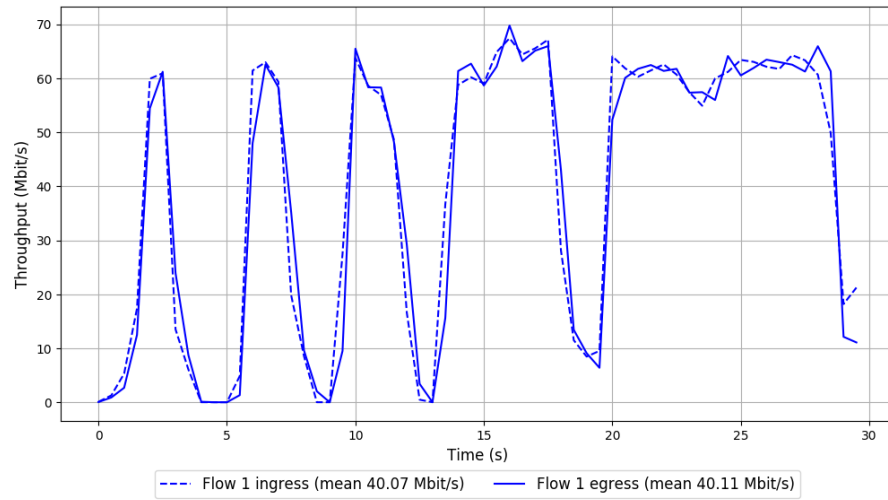```

Run 1: Report of QUIC Cubic — Data Link

```
Run 2: Statistics of QUIC Cubic

Start at: 2017-09-18 08:40:32
End at: 2017-09-18 08:41:02

Below is generated by plot.py at 2017-09-18 13:05:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 40.11 Mbit/s
95th percentile per-packet one-way delay: 136.520 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 40.11 Mbit/s
95th percentile per-packet one-way delay: 136.520 ms
Loss rate: 0.83%
```
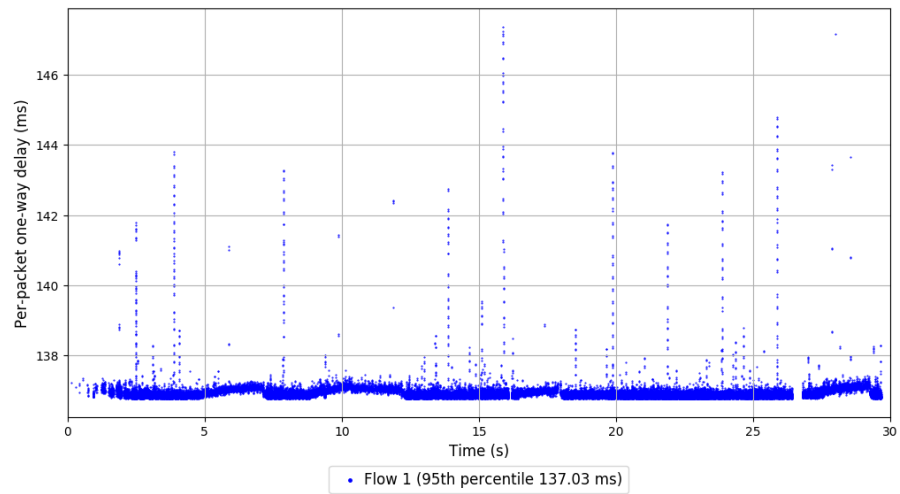
Run 2: Report of QUIC Cubic — Data Link



Flow 1 ingress (mean 40.07 Mbit/s)   Flow 1 egress (mean 40.11 Mbit/s)



Flow 1 (95th percentile 136.52 ms)

```
Run 3: Statistics of QUIC Cubic

Start at: 2017-09-18 08:52:34
End at: 2017-09-18 08:53:04

Below is generated by plot.py at 2017-09-18 13:05:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 42.10 Mbit/s
95th percentile per-packet one-way delay: 137.026 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 42.10 Mbit/s
95th percentile per-packet one-way delay: 137.026 ms
Loss rate: 1.33%
```
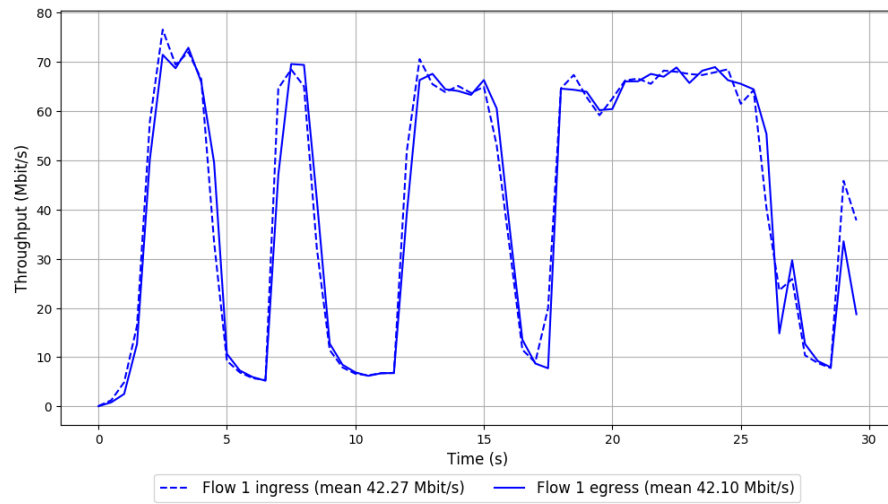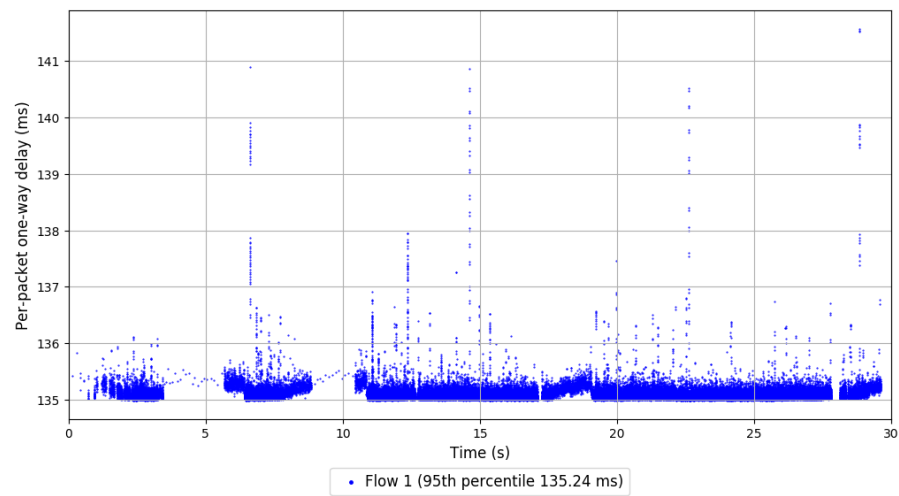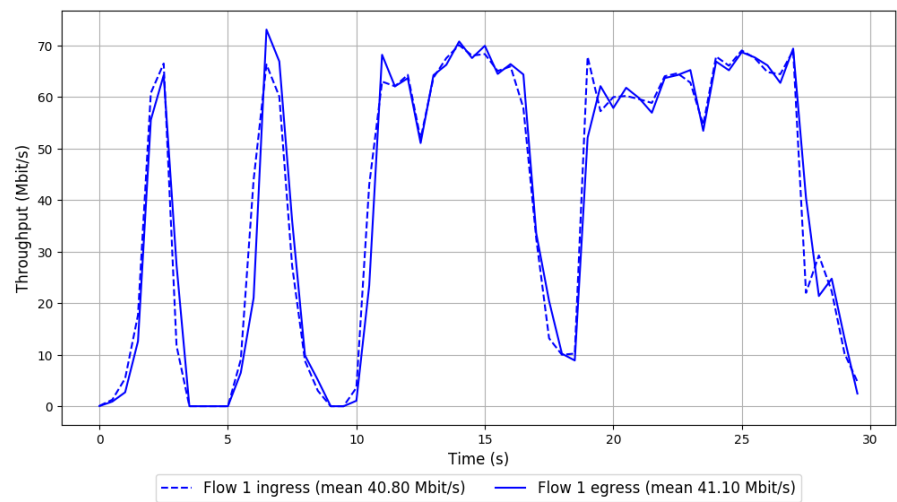
Run 3: Report of QUIC Cubic — Data Link



Flow 1 ingress (mean 42.27 Mbit/s) --- Flow 1 egress (mean 42.10 Mbit/s)



Flow 1 (95th percentile 137.03 ms)

```
Run 4: Statistics of QUIC Cubic

Start at: 2017-09-18 09:05:03
End at: 2017-09-18 09:05:33

# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.10 Mbit/s
95th percentile per-packet one-way delay: 135.239 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 41.10 Mbit/s
95th percentile per-packet one-way delay: 135.239 ms
Loss rate: 0.20%
```

Run 4: Report of QUIC Cubic — Data Link

```
Run 5: Statistics of QUIC Cubic

Start at: 2017-09-18 09:17:31
End at: 2017-09-18 09:18:01

# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.93 Mbit/s
95th percentile per-packet one-way delay: 136.460 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 43.93 Mbit/s
95th percentile per-packet one-way delay: 136.460 ms
Loss rate: 0.96%
```
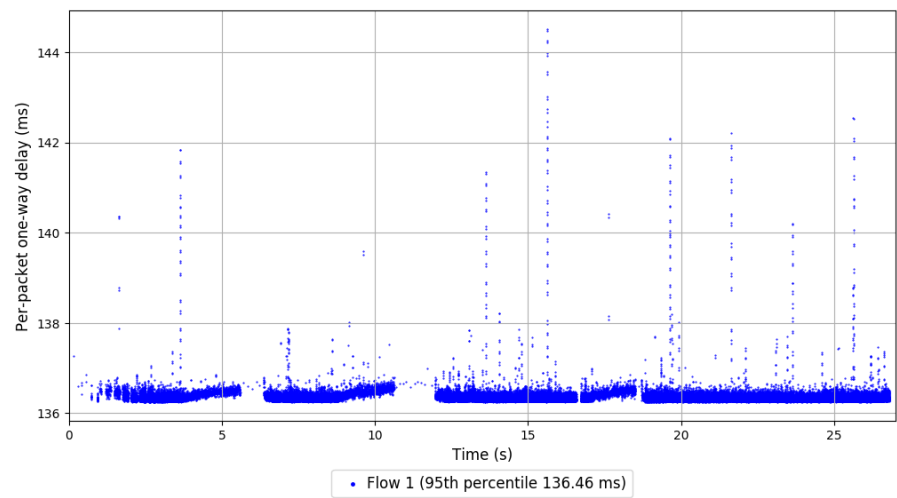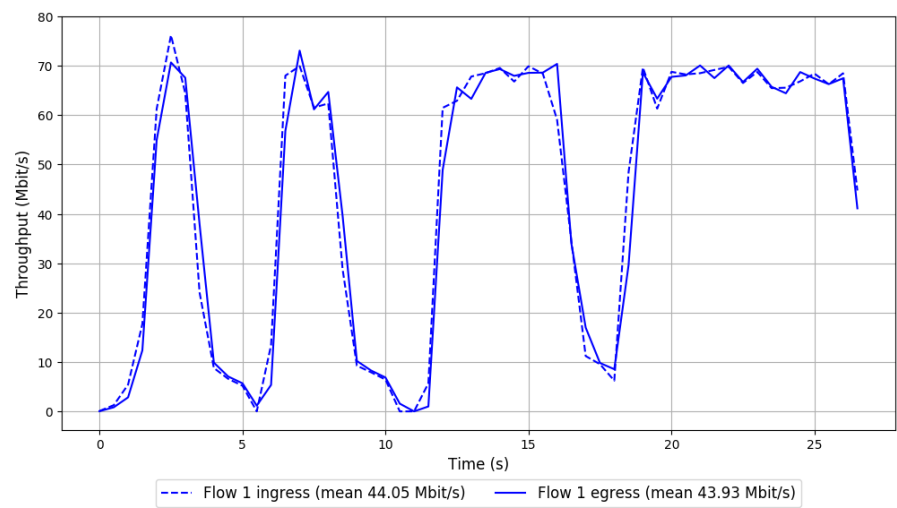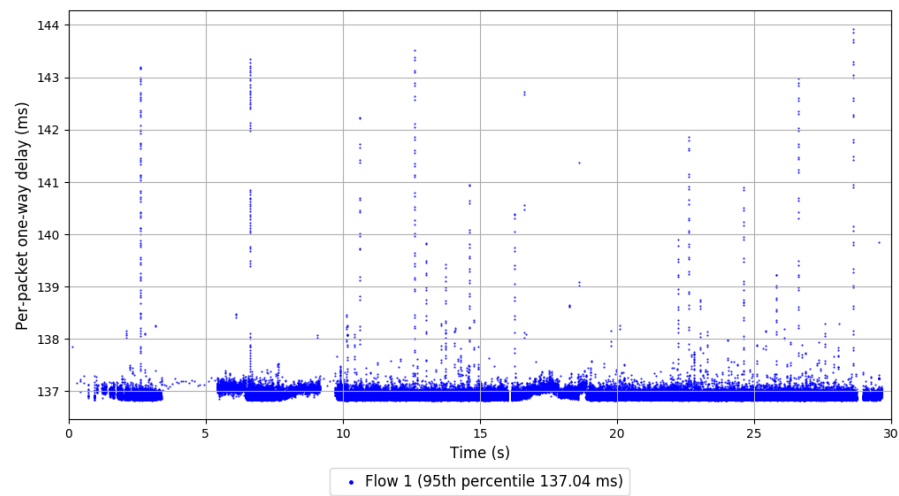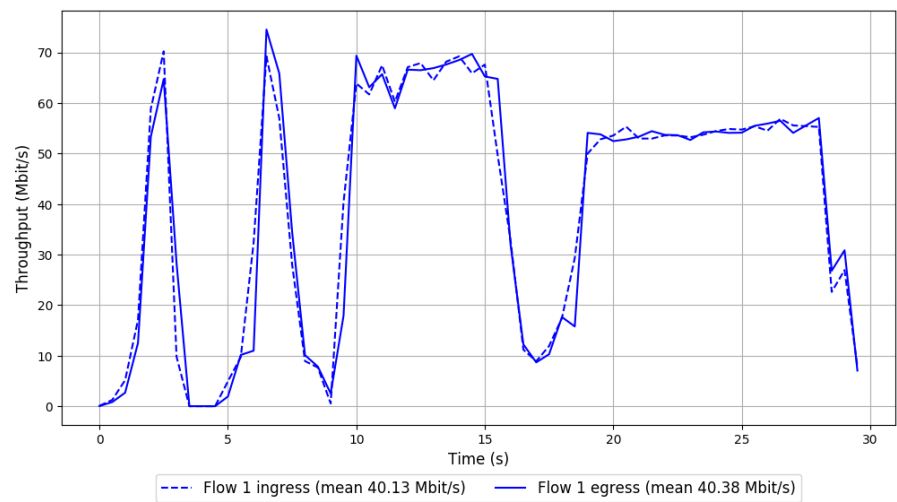
Run 5: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 44.05 Mbit/s)   Flow 1 egress (mean 43.93 Mbit/s)

Flow 1 (95th percentile 136.46 ms)

```
Run 6: Statistics of QUIC Cubic

Start at: 2017-09-18 09:29:55
End at: 2017-09-18 09:30:25

# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.38 Mbit/s
95th percentile per-packet one-way delay: 137.040 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 40.38 Mbit/s
95th percentile per-packet one-way delay: 137.040 ms
Loss rate: 0.29%
```
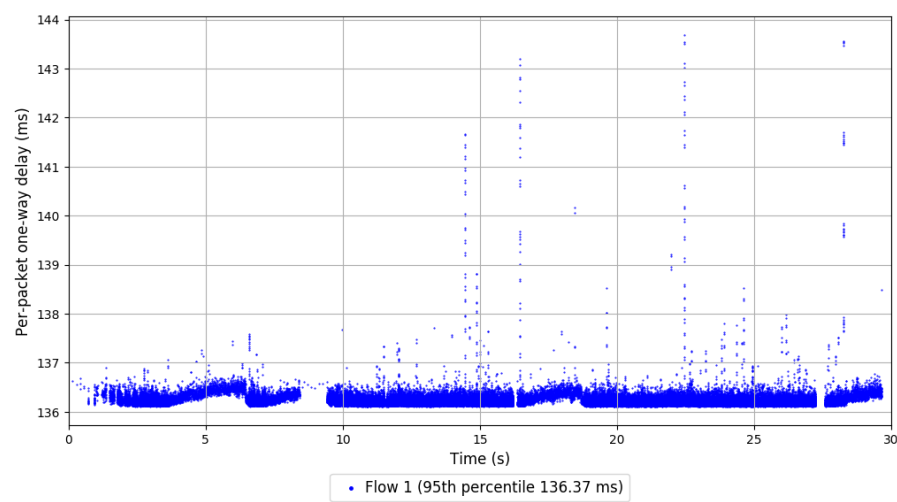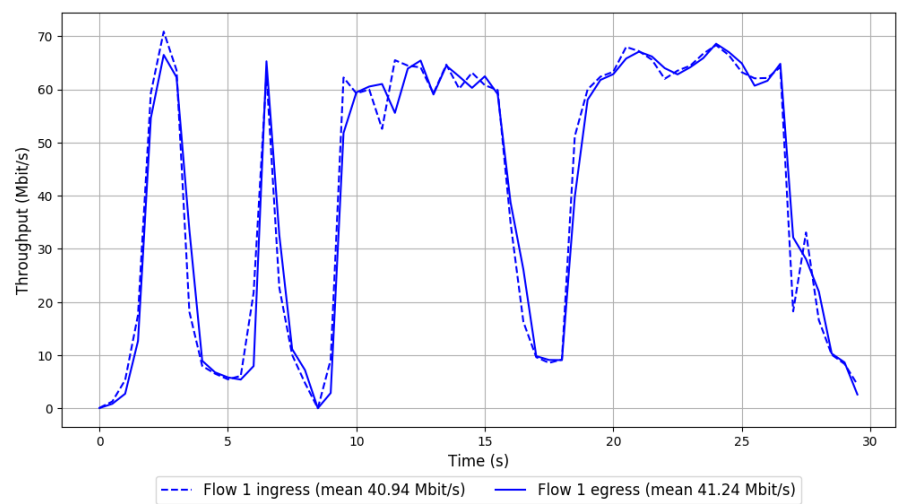
Run 6: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 40.13 Mbit/s) ----- Flow 1 egress (mean 40.38 Mbit/s)

· Flow 1 (95th percentile 137.04 ms)

```
Run 7: Statistics of QUIC Cubic

Start at: 2017-09-18 09:41:55
End at: 2017-09-18 09:42:25

# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.24 Mbit/s
95th percentile per-packet one-way delay: 136.370 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 41.24 Mbit/s
95th percentile per-packet one-way delay: 136.370 ms
Loss rate: 0.17%
```
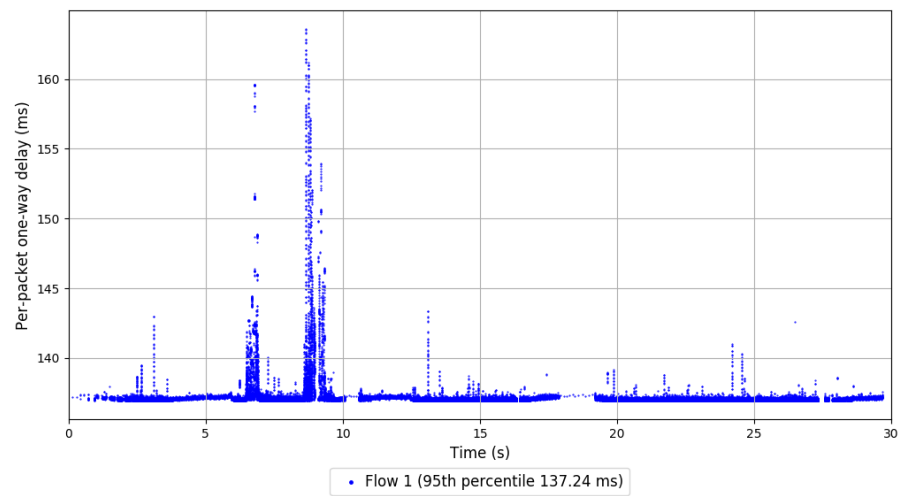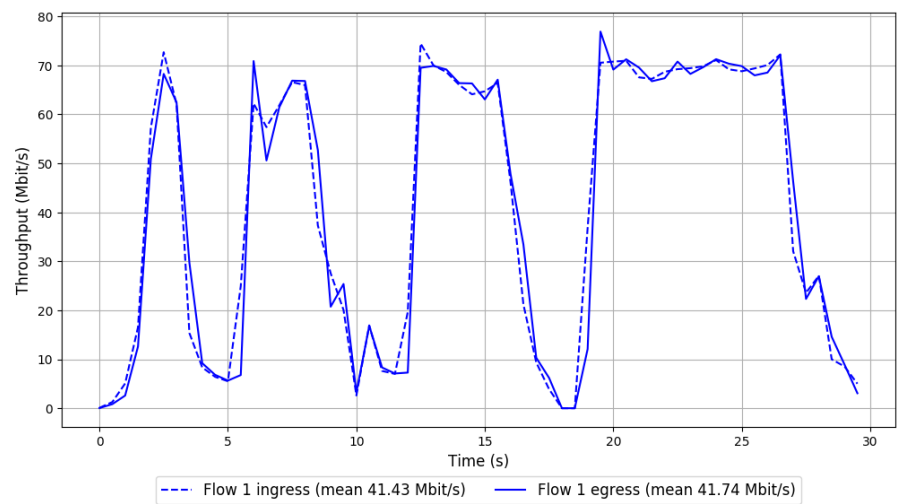
Run 7: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 40.94 Mbit/s) --- Flow 1 egress (mean 41.24 Mbit/s)

• Flow 1 (95th percentile 136.37 ms)

```
Run 8: Statistics of QUIC Cubic

Start at: 2017-09-18 09:54:16
End at: 2017-09-18 09:54:46

# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.74 Mbit/s
95th percentile per-packet one-way delay: 137.242 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 41.74 Mbit/s
95th percentile per-packet one-way delay: 137.242 ms
Loss rate: 0.17%
```
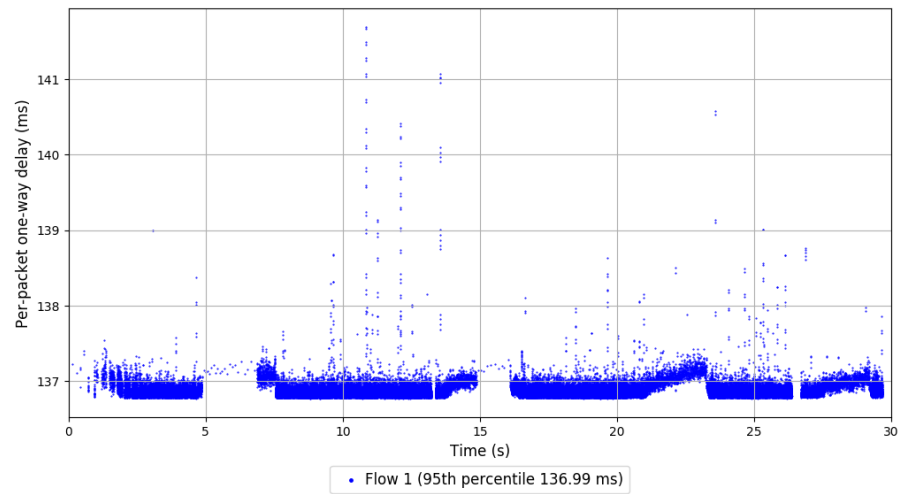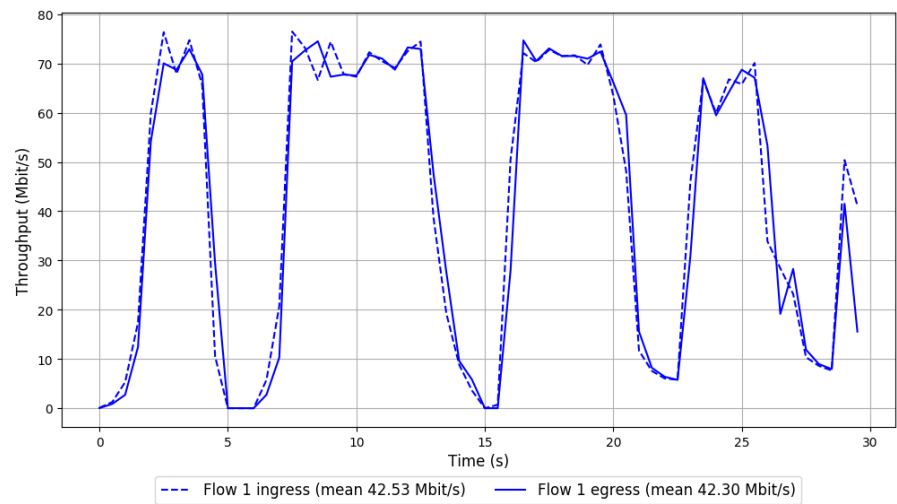
Run 8: Report of QUIC Cubic — Data Link

Throughput (Mbit/s) vs Time (s)

- - - - Flow 1 ingress (mean 41.43 Mbit/s)   —— Flow 1 egress (mean 41.74 Mbit/s)

Per-packet one-way delay (ms) vs Time (s)
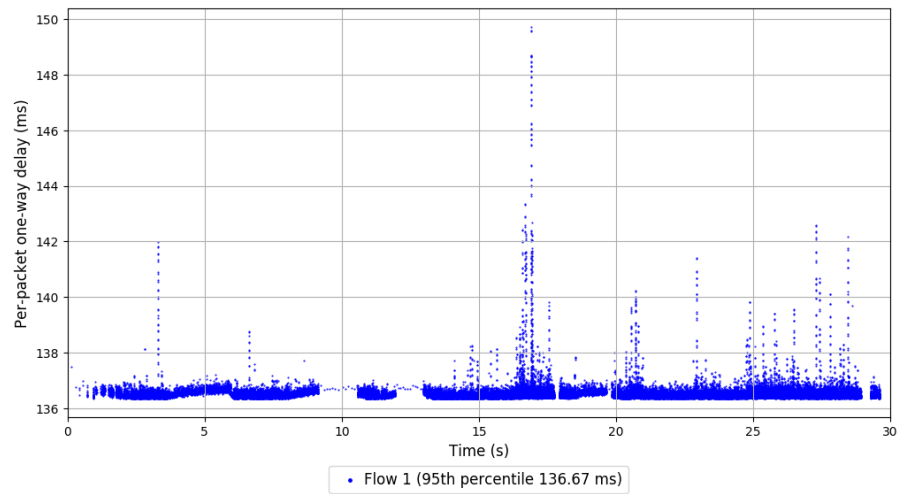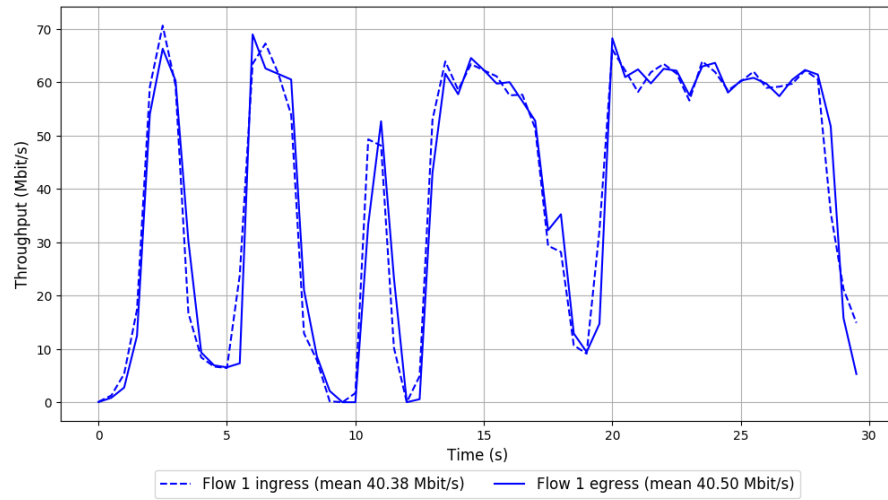
• Flow 1 (95th percentile 137.24 ms)

```
Run 9: Statistics of QUIC Cubic

Start at: 2017-09-18 10:06:40
End at: 2017-09-18 10:07:10

# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.30 Mbit/s
95th percentile per-packet one-way delay: 136.986 ms
Loss rate: 1.44%
-- Flow 1:
Average throughput: 42.30 Mbit/s
95th percentile per-packet one-way delay: 136.986 ms
Loss rate: 1.44%
```
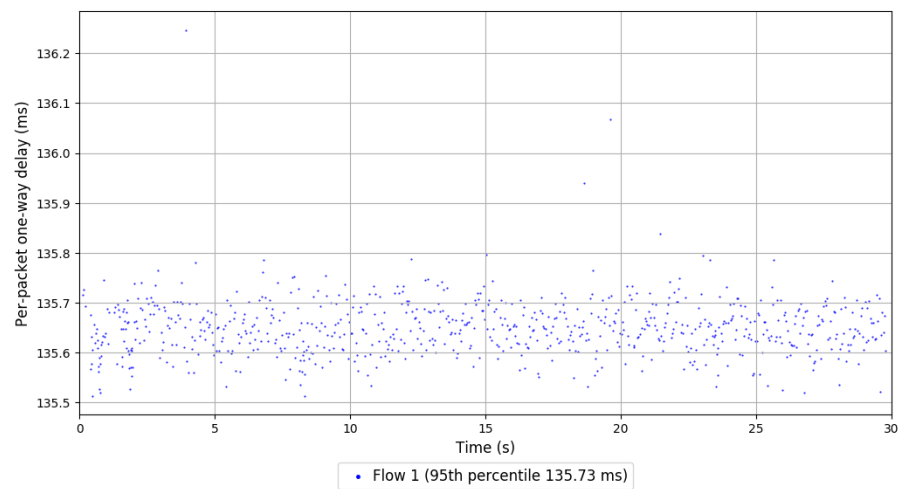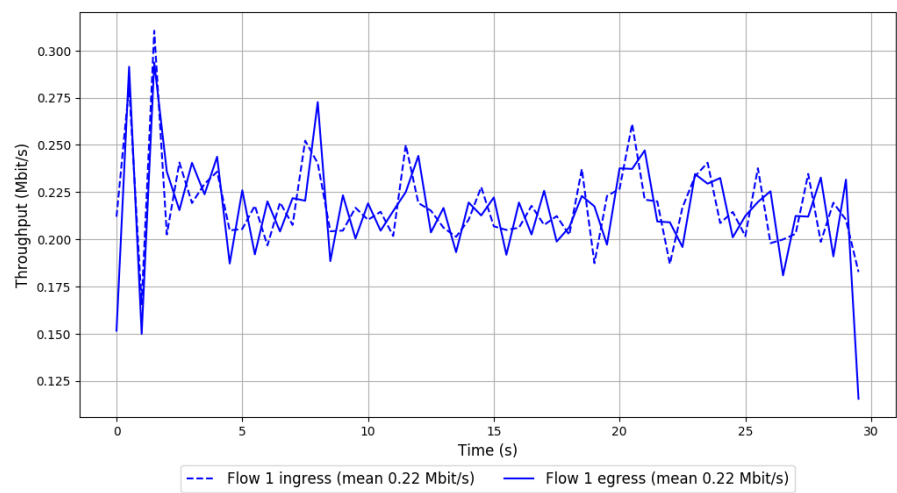
Run 9: Report of QUIC Cubic — Data Link

Flow 1 ingress (mean 42.53 Mbit/s)   Flow 1 egress (mean 42.30 Mbit/s)

Flow 1 (95th percentile 136.99 ms)

```
Run 10: Statistics of QUIC Cubic

Start at: 2017-09-18 10:18:44
End at: 2017-09-18 10:19:14


# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.50 Mbit/s
95th percentile per-packet one-way delay: 136.672 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 40.50 Mbit/s
95th percentile per-packet one-way delay: 136.672 ms
Loss rate: 0.63%
```
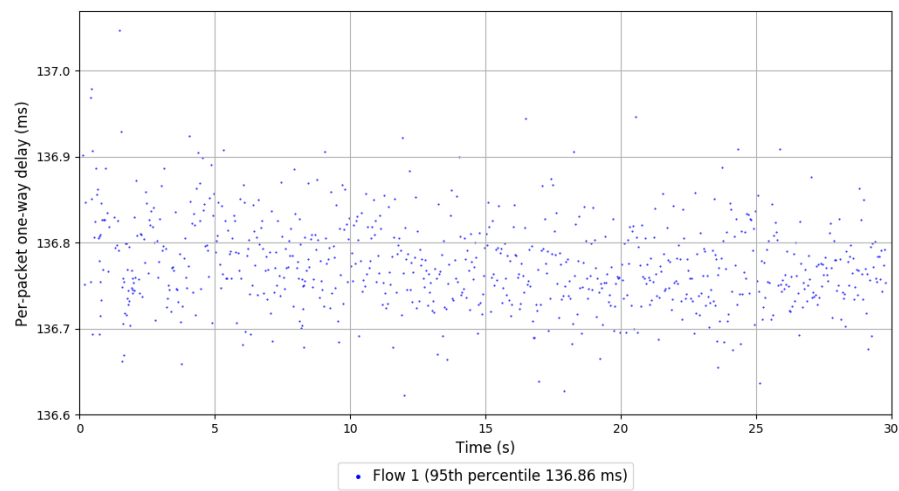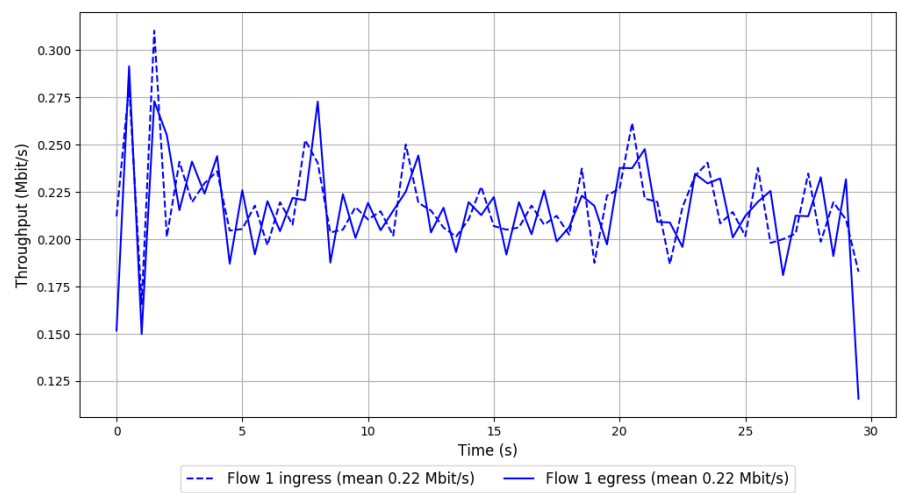
Run 10: Report of QUIC Cubic — Data Link

```
Run 1: Statistics of SCReAM

Start at: 2017-09-18 08:25:10
End at: 2017-09-18 08:25:40

# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.732 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.732 ms
Loss rate: 0.89%
```

Run 1: Report of SCReAM — Data Link

```
Run 2: Statistics of SCReAM

Start at: 2017-09-18 08:37:12
End at: 2017-09-18 08:37:42

# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.863 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.863 ms
Loss rate: 0.89%
```
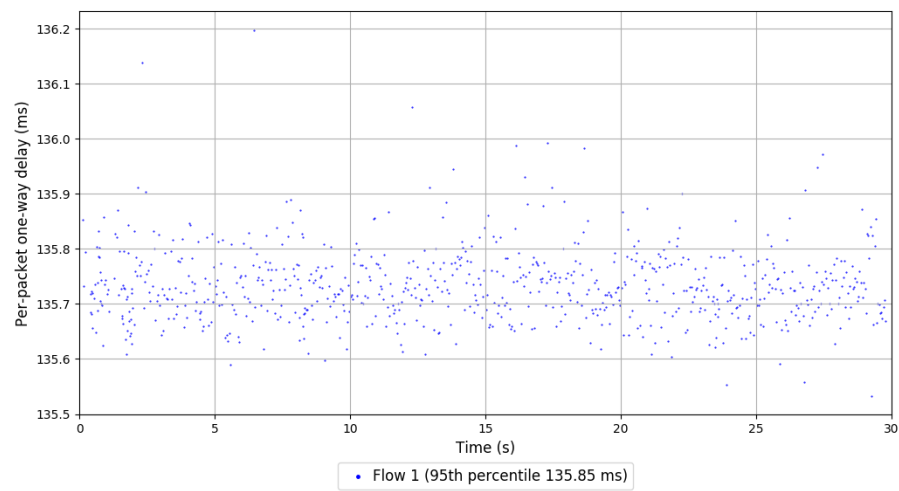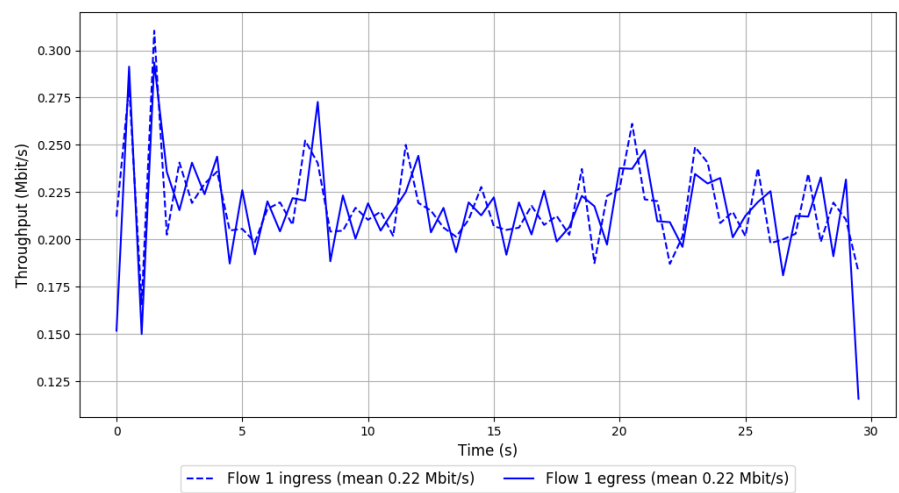
Run 2: Report of SCReAM — Data Link

Flow 1 ingress (mean 0.22 Mbit/s) --- Flow 1 egress (mean 0.22 Mbit/s)

Flow 1 (95th percentile 136.86 ms)

```
Run 3: Statistics of SCReAM

Start at: 2017-09-18 08:49:23
End at: 2017-09-18 08:49:53

# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.849 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.849 ms
Loss rate: 0.89%
```
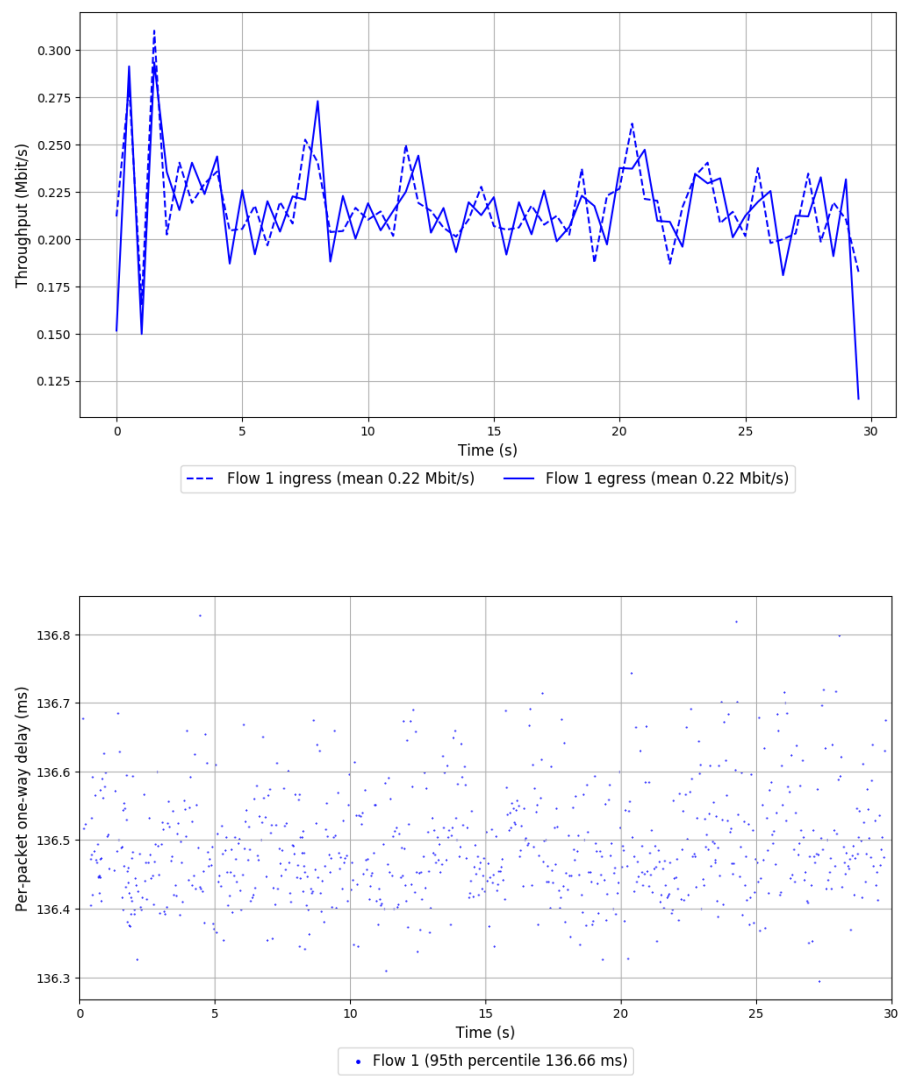
Run 3: Report of SCReAM — Data Link

Flow 1 ingress (mean 0.22 Mbit/s) — Flow 1 egress (mean 0.22 Mbit/s)

Flow 1 (95th percentile 135.85 ms)

```
Run 4: Statistics of SCReAM

Start at: 2017-09-18 09:01:45
End at: 2017-09-18 09:02:15


# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.655 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.655 ms
Loss rate: 0.89%
```
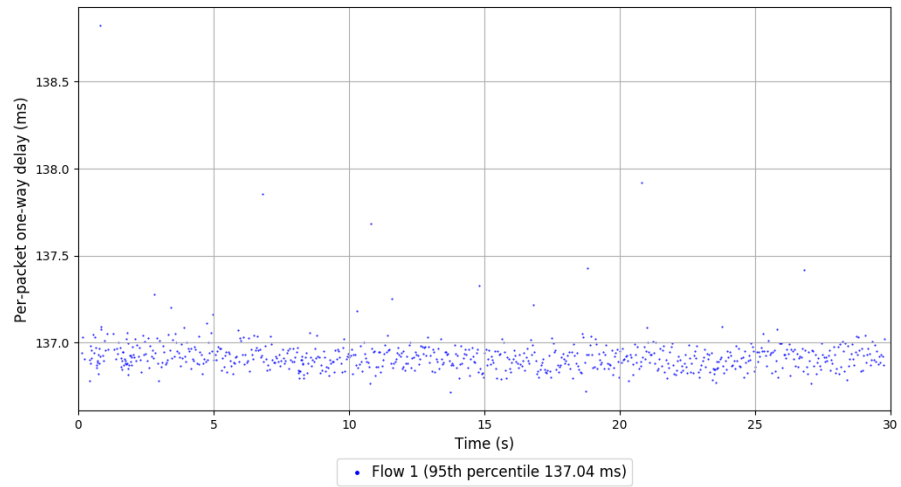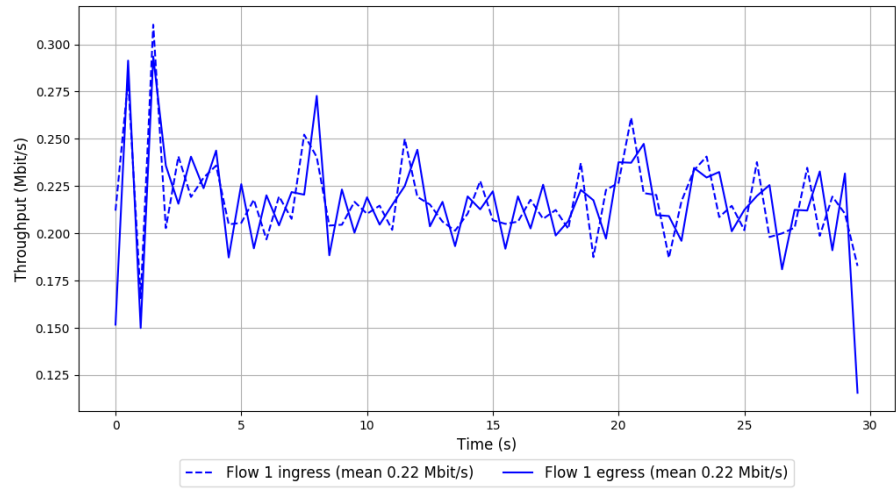
Run 4: Report of SCReAM — Data Link

```
Run 5: Statistics of SCReAM

Start at: 2017-09-18 09:14:07
End at: 2017-09-18 09:14:37

# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 137.036 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 137.036 ms
Loss rate: 0.89%
```
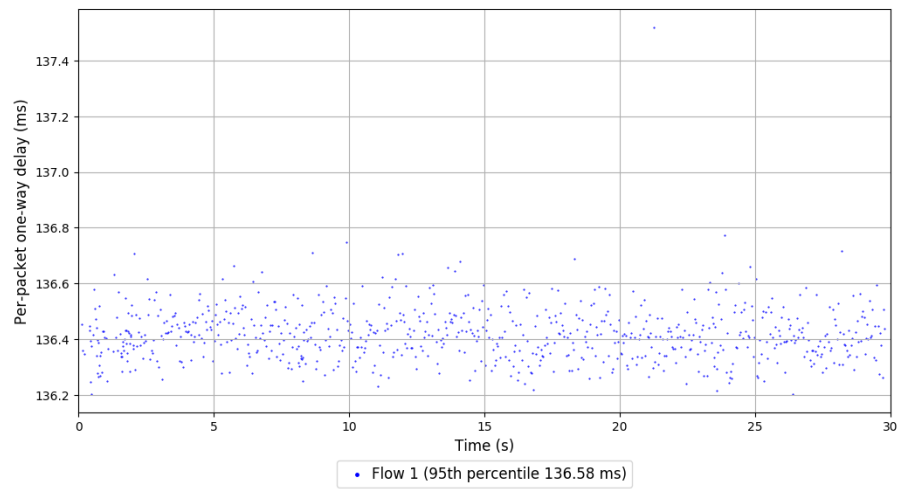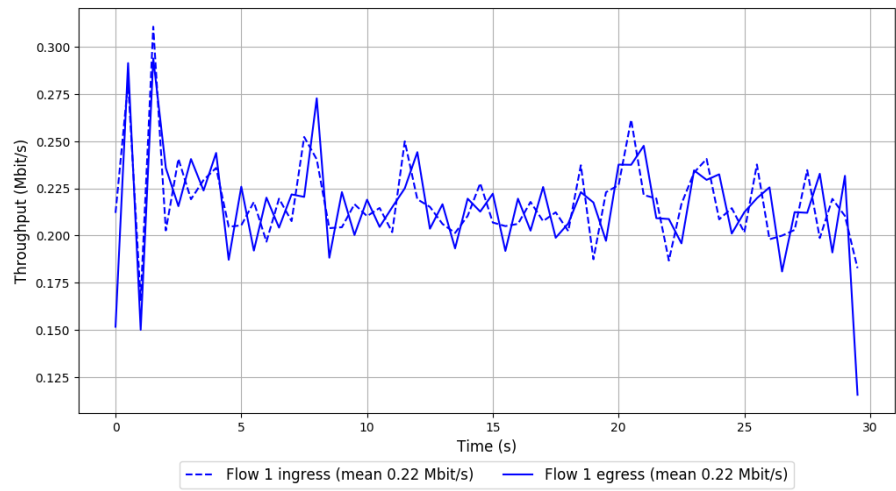
Run 5: Report of SCReAM — Data Link

```
Run 6: Statistics of SCReAM

Start at: 2017-09-18 09:26:28
End at: 2017-09-18 09:26:58

# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.580 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.580 ms
Loss rate: 0.89%
```
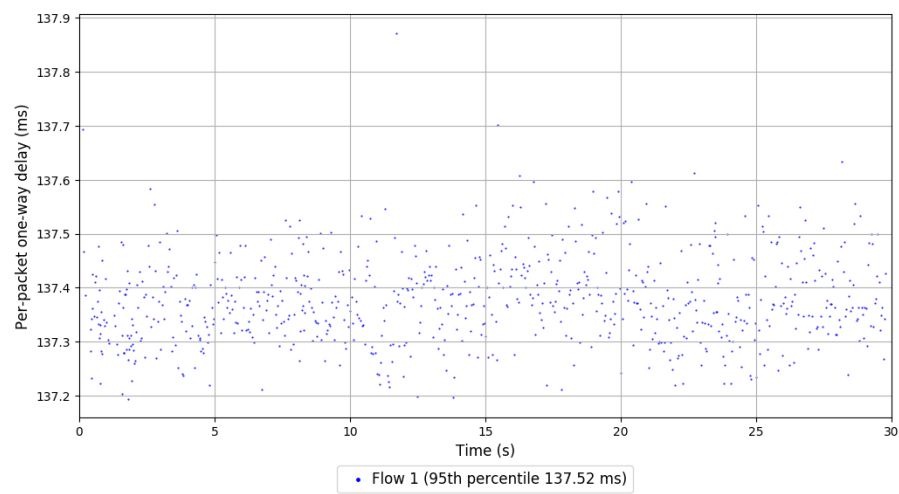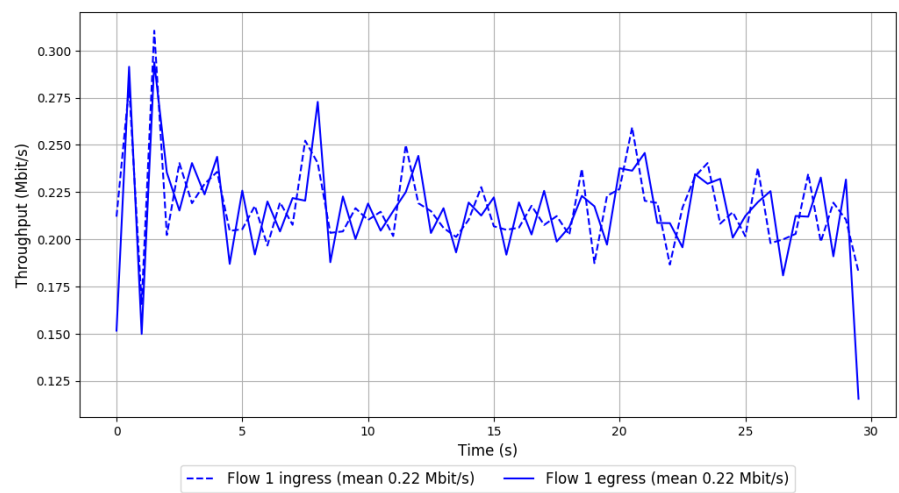
Run 6: Report of SCReAM — Data Link

Flow 1 ingress (mean 0.22 Mbit/s)   Flow 1 egress (mean 0.22 Mbit/s)

Flow 1 (95th percentile 136.58 ms)

```
Run 7: Statistics of SCReAM

Start at: 2017-09-18 09:38:45
End at: 2017-09-18 09:39:15


# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 137.520 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 137.520 ms
Loss rate: 0.90%
```
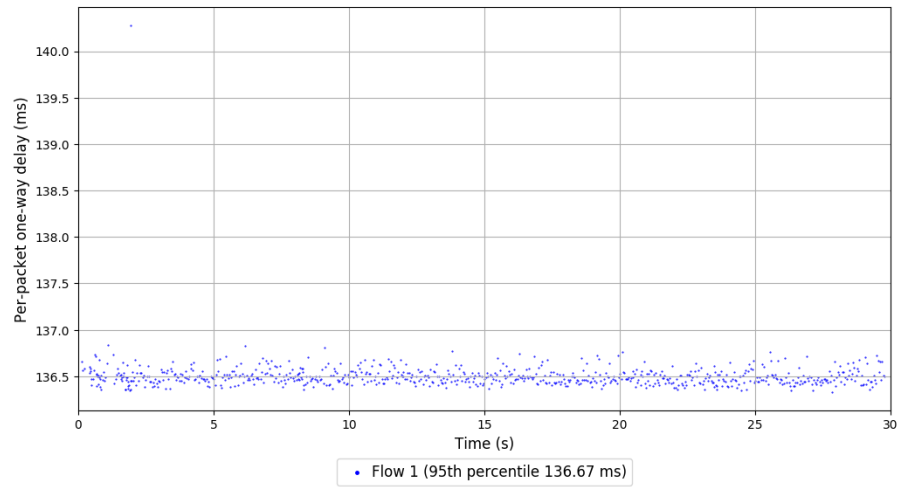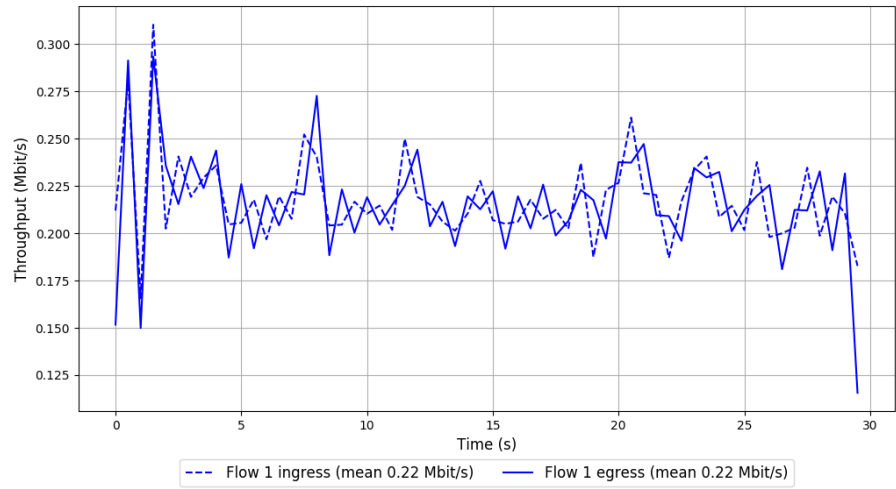
Run 7: Report of SCReAM — Data Link

Flow 1 ingress (mean 0.22 Mbit/s) --- Flow 1 egress (mean 0.22 Mbit/s)

Flow 1 (95th percentile 137.52 ms)

```
Run 8: Statistics of SCReAM

Start at: 2017-09-18 09:51:04
End at: 2017-09-18 09:51:34


# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.668 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.668 ms
Loss rate: 0.89%
```
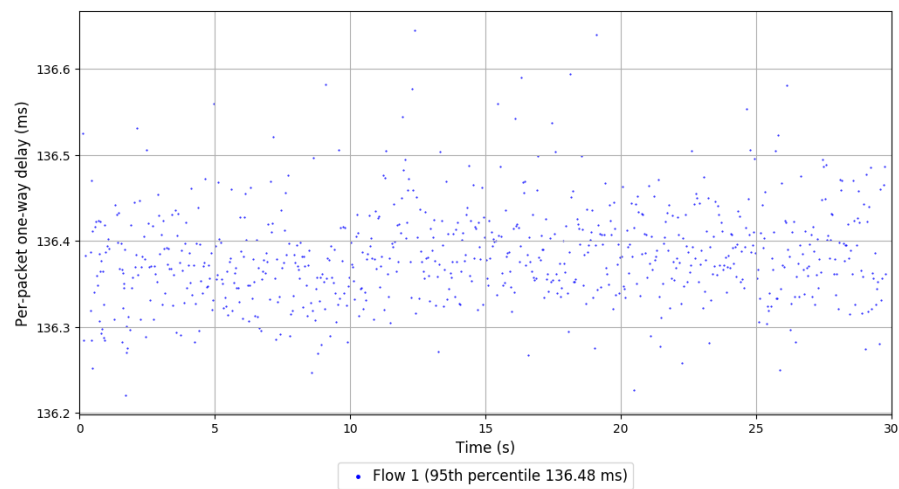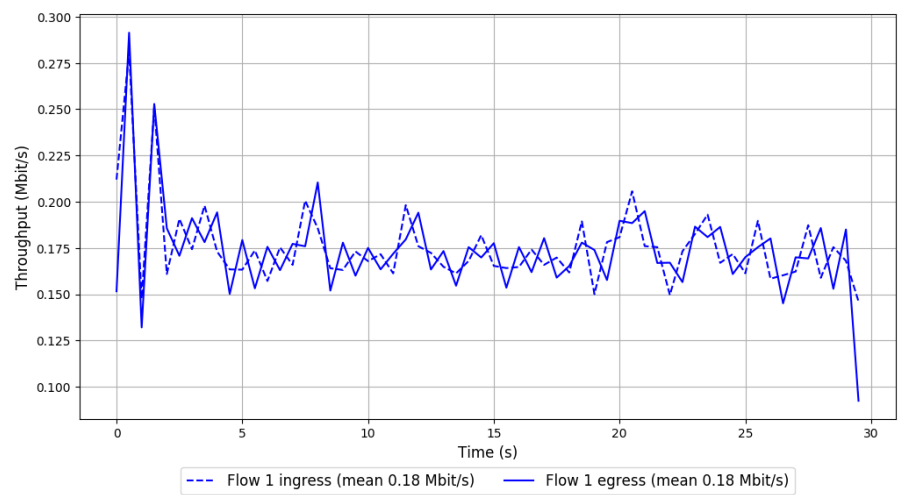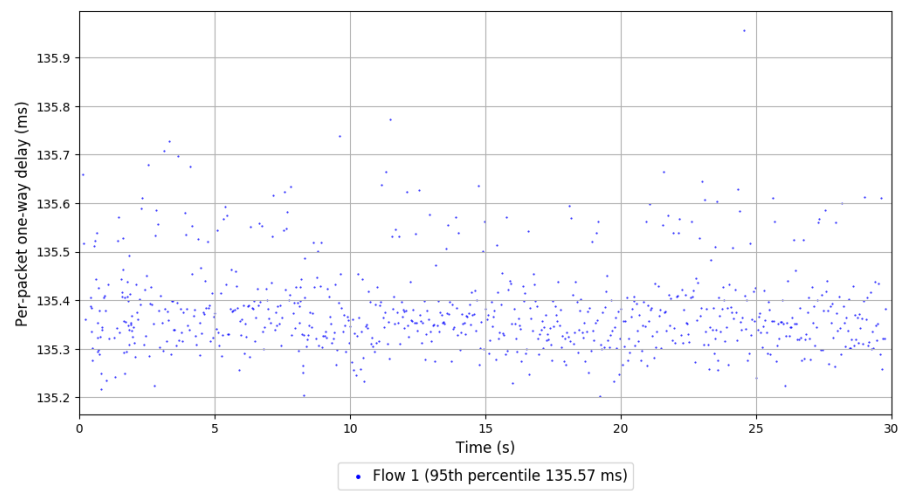
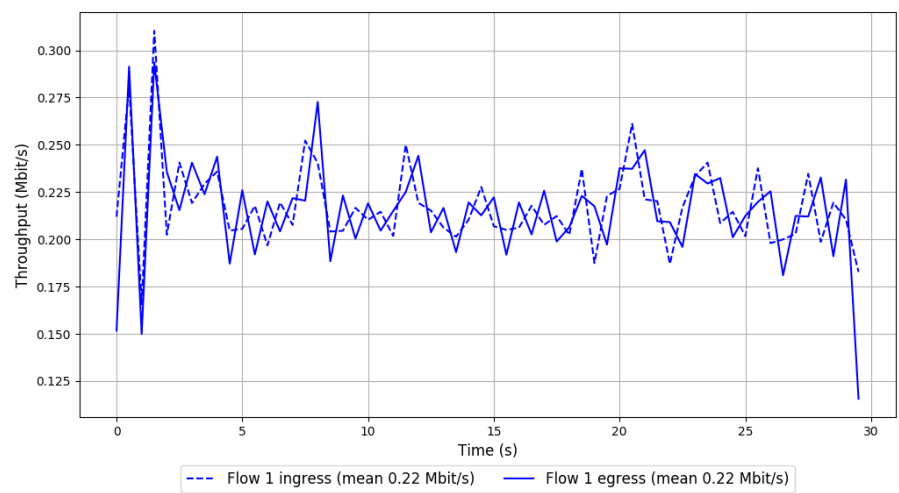Run 8: Report of SCReAM — Data Link

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```
Run 9: Statistics of SCReAM

Start at: 2017-09-18 10:03:23
End at: 2017-09-18 10:03:53

# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 136.482 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 136.482 ms
Loss rate: 0.89%
```

Run 9: Report of SCReAM — Data Link

```
Run 10: Statistics of SCReAM

Start at: 2017-09-18 10:15:28
End at: 2017-09-18 10:15:58

# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.574 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.574 ms
Loss rate: 0.89%
```
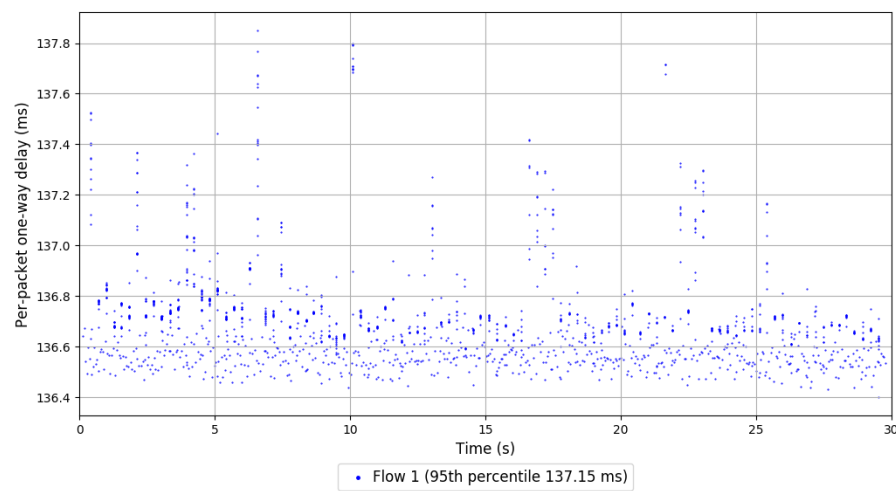
Run 10: Report of SCReAM — Data Link

```
Run 1: Statistics of Sprout

Start at: 2017-09-18 08:29:54
End at: 2017-09-18 08:30:24

# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 137.147 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 137.147 ms
Loss rate: 1.09%
```
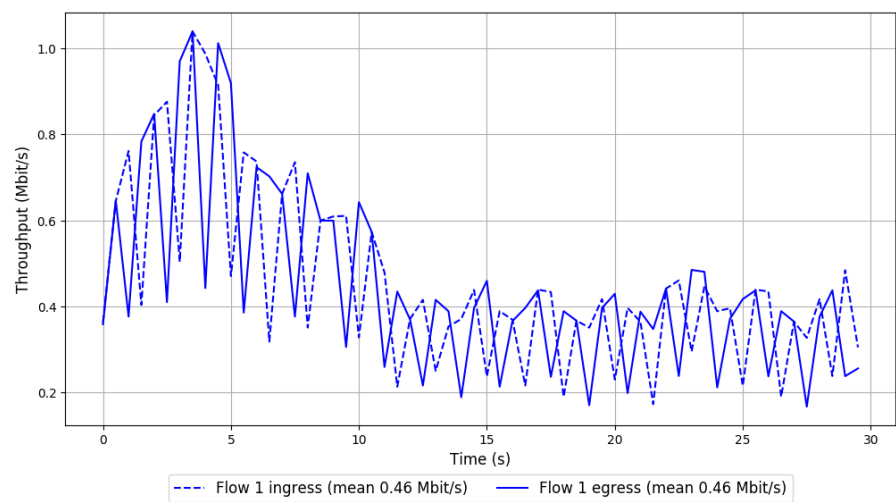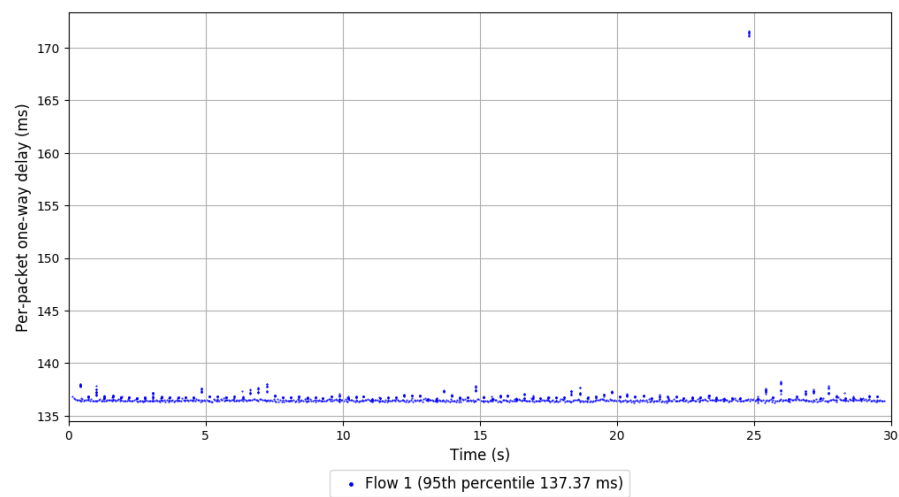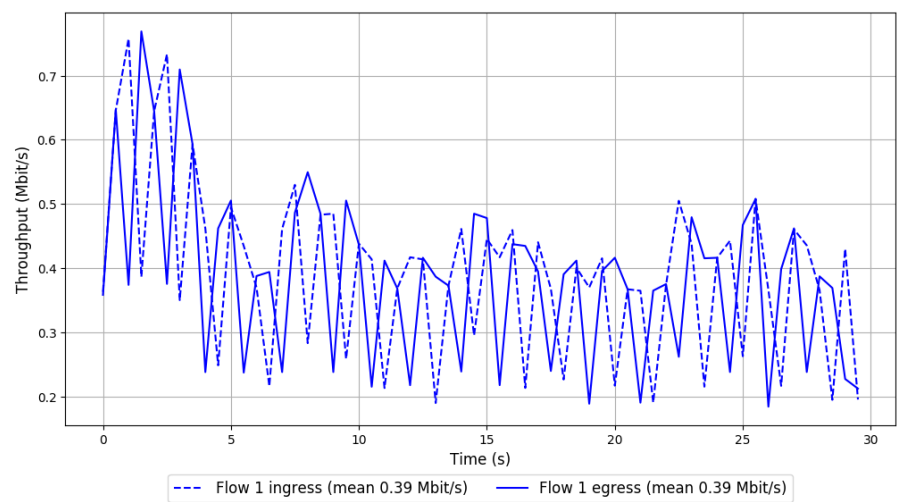
Run 1: Report of Sprout — Data Link

```
Run 2: Statistics of Sprout

Start at: 2017-09-18 08:42:04
End at: 2017-09-18 08:42:34


# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 137.374 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 137.374 ms
Loss rate: 0.81%
```
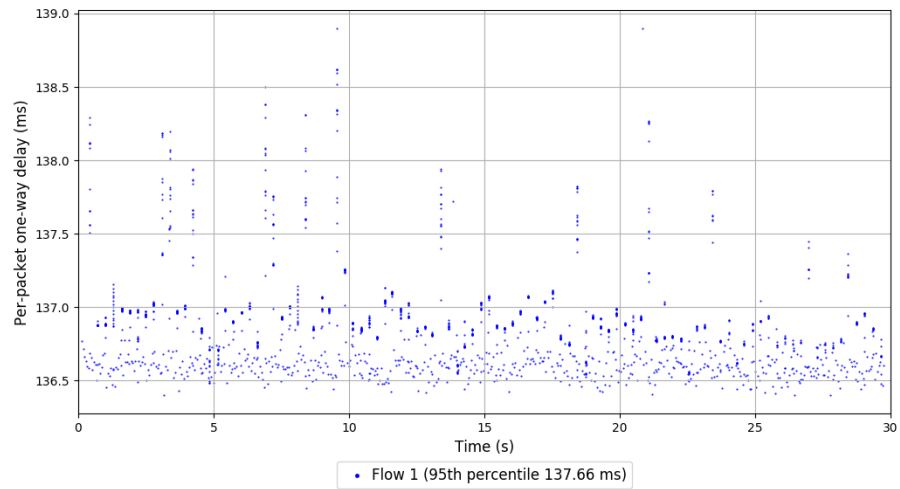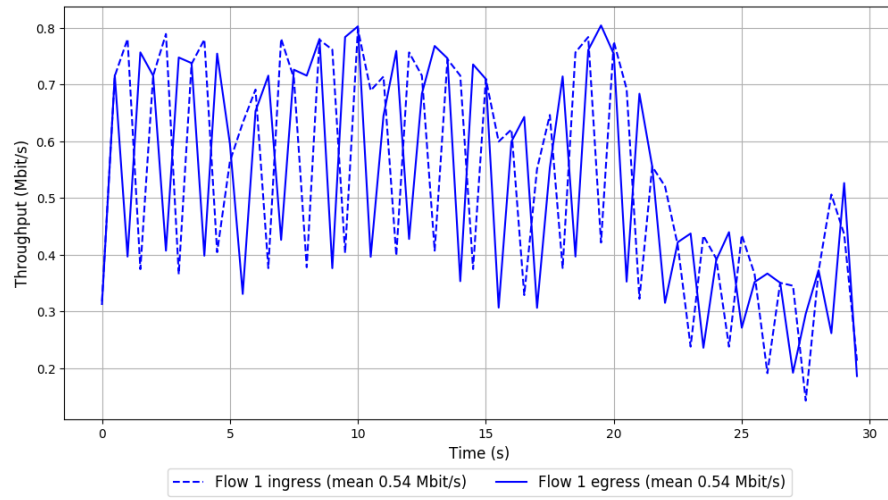
Run 2: Report of Sprout — Data Link

```
Run 3: Statistics of Sprout

Start at: 2017-09-18 08:54:04
End at: 2017-09-18 08:54:34

# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 137.659 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 137.659 ms
Loss rate: 0.57%
```
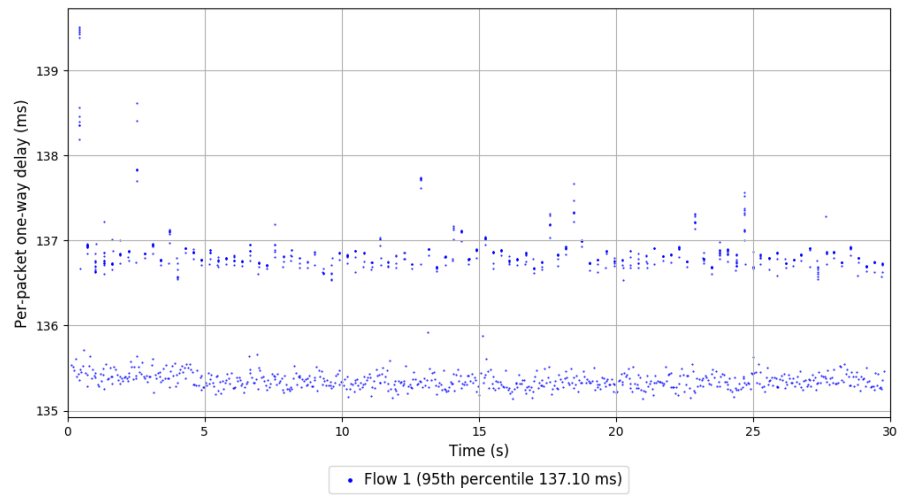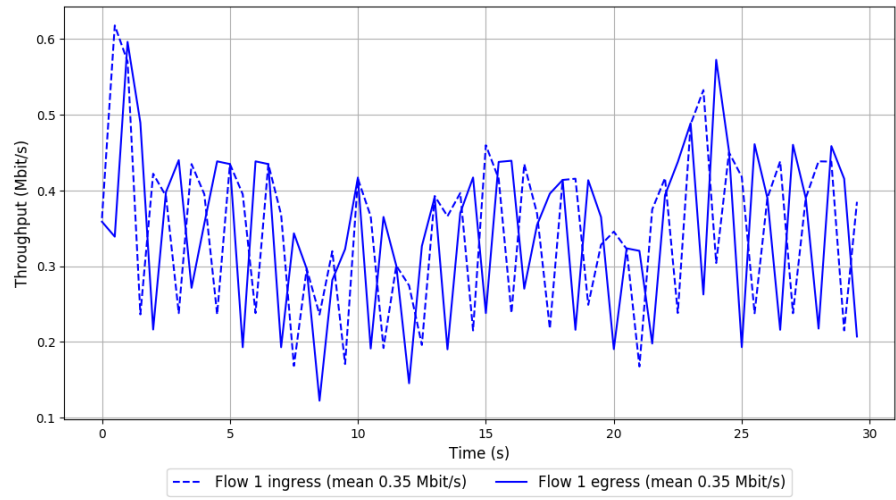
Run 3: Report of Sprout — Data Link

Flow 1 ingress (mean 0.54 Mbit/s) — — — Flow 1 egress (mean 0.54 Mbit/s)

Flow 1 (95th percentile 137.66 ms)

```
Run 4: Statistics of Sprout

Start at: 2017-09-18 09:06:33
End at: 2017-09-18 09:07:03

# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 137.100 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 137.100 ms
Loss rate: 0.87%
```
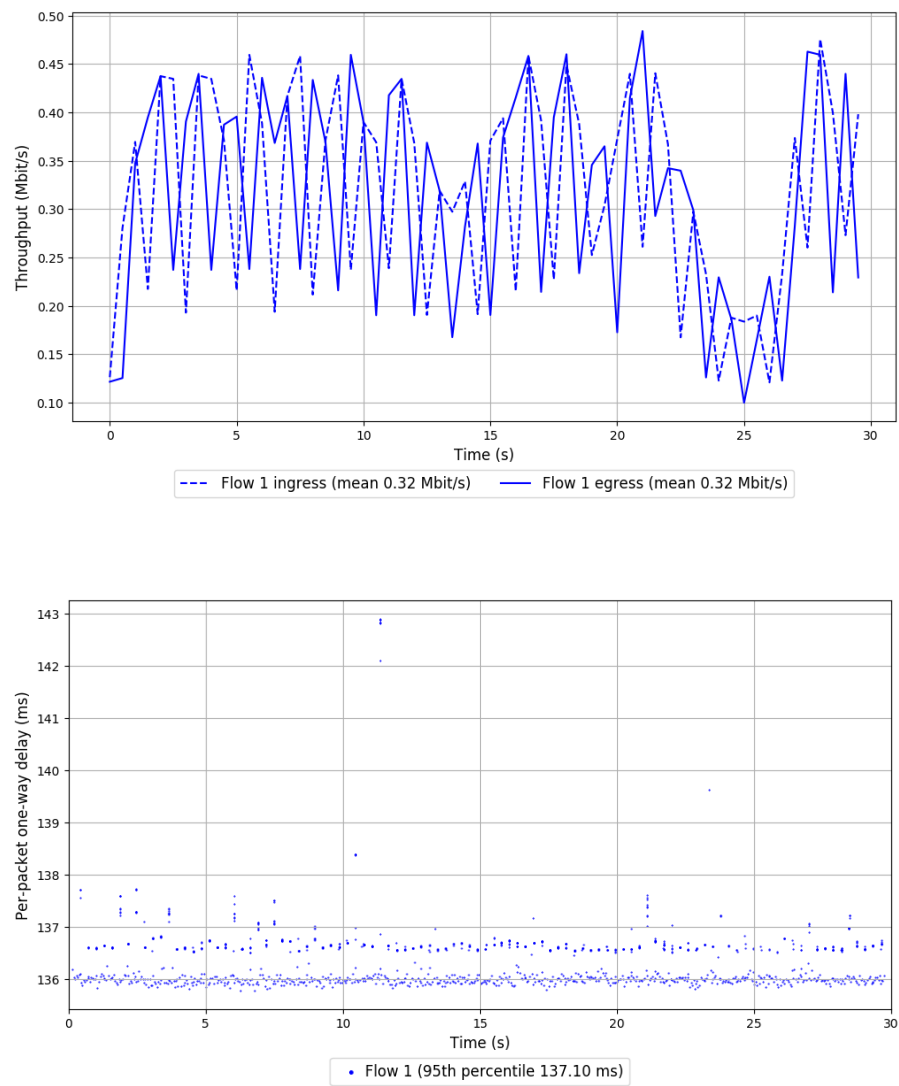
Run 4: Report of Sprout — Data Link

Flow 1 ingress (mean 0.35 Mbit/s) --- Flow 1 egress (mean 0.35 Mbit/s)

Flow 1 (95th percentile 137.10 ms)

```
Run 5: Statistics of Sprout

Start at: 2017-09-18 09:19:02
End at: 2017-09-18 09:19:32

# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 137.102 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 137.102 ms
Loss rate: 1.08%
```
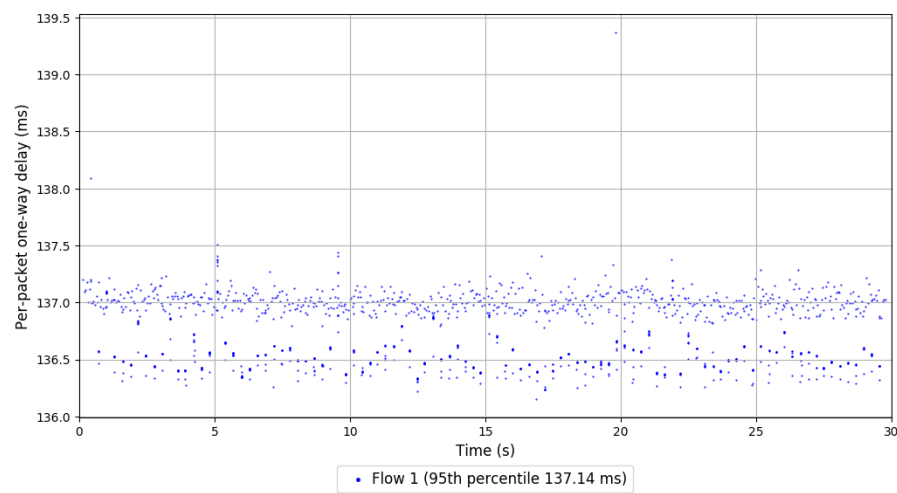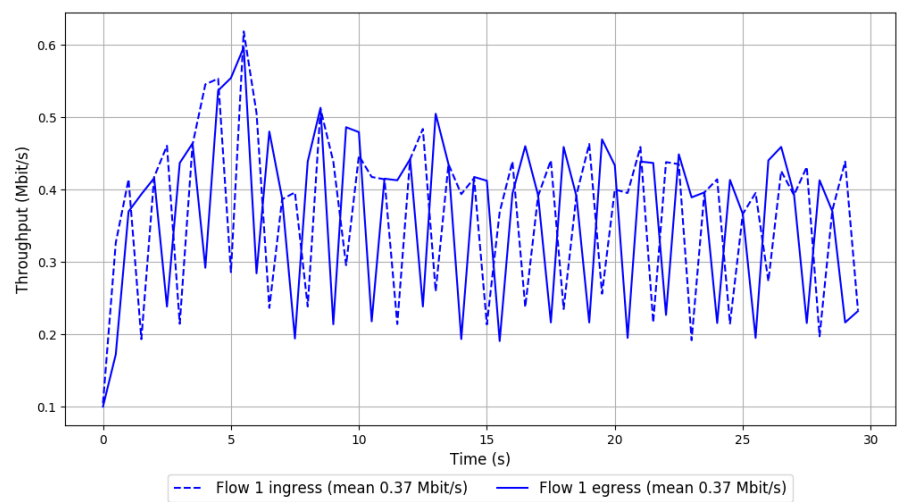
Run 5: Report of Sprout — Data Link

```
Run 6: Statistics of Sprout

Start at: 2017-09-18 09:31:27
End at: 2017-09-18 09:31:57


# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 137.137 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 137.137 ms
Loss rate: 1.04%
```

Run 6: Report of Sprout — Data Link

```
Run 7: Statistics of Sprout

Start at: 2017-09-18 09:43:28
End at: 2017-09-18 09:43:58

# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 136.700 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 136.700 ms
Loss rate: 0.77%
```
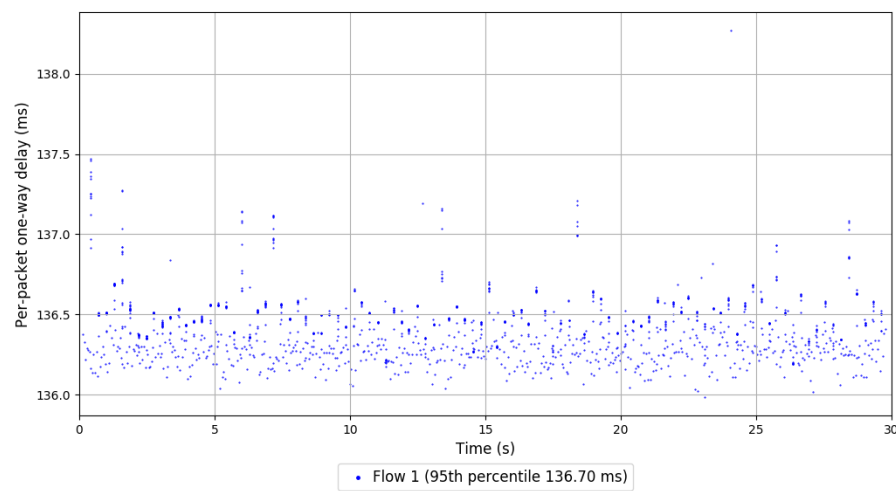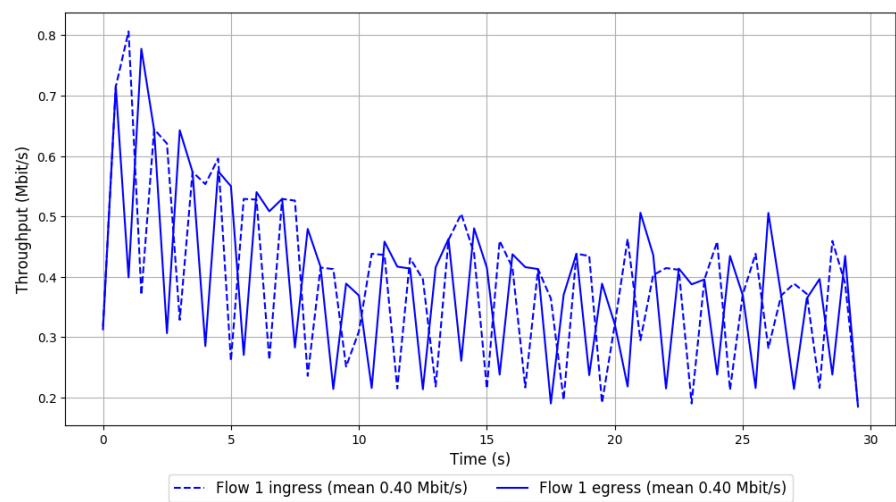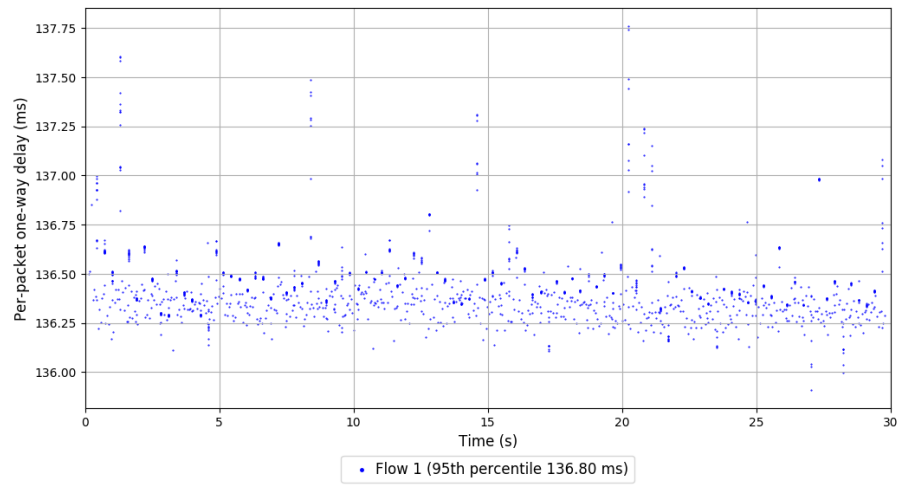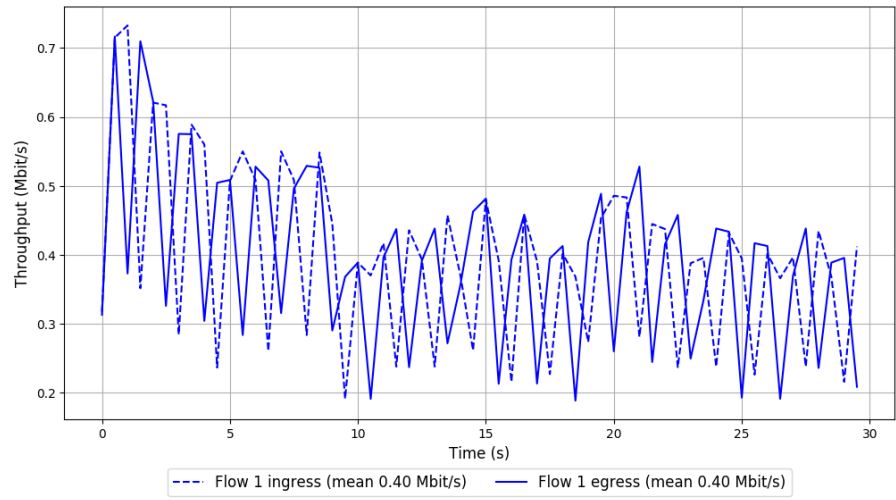
Run 7: Report of Sprout — Data Link

Flow 1 ingress (mean 0.40 Mbit/s)   Flow 1 egress (mean 0.40 Mbit/s)

Flow 1 (95th percentile 136.70 ms)

```
Run 8: Statistics of Sprout

Start at: 2017-09-18 09:55:50
End at: 2017-09-18 09:56:20

# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 136.800 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 136.800 ms
Loss rate: 0.86%
```

Run 8: Report of Sprout — Data Link

Flow 1 ingress (mean 0.40 Mbit/s)   Flow 1 egress (mean 0.40 Mbit/s)

Flow 1 (95th percentile 136.80 ms)

```
Run 9: Statistics of Sprout

Start at: 2017-09-18 10:08:12
End at: 2017-09-18 10:08:42

# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 137.423 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 137.423 ms
Loss rate: 1.00%
```
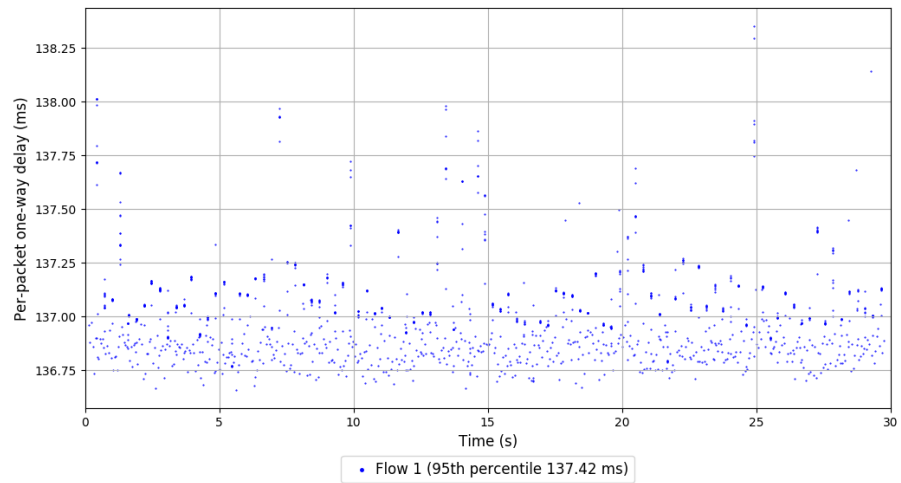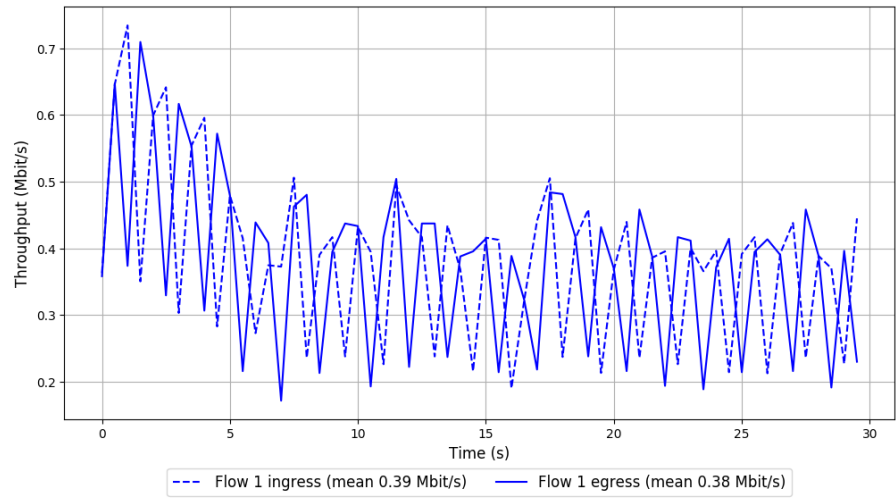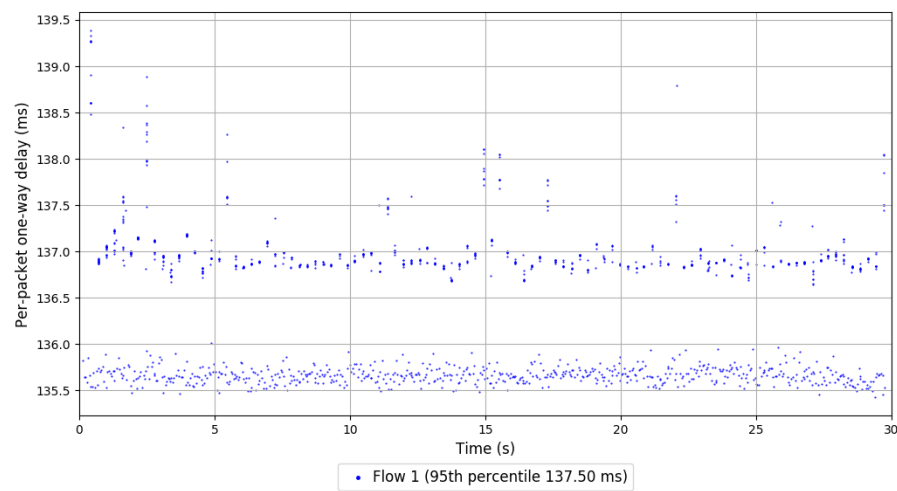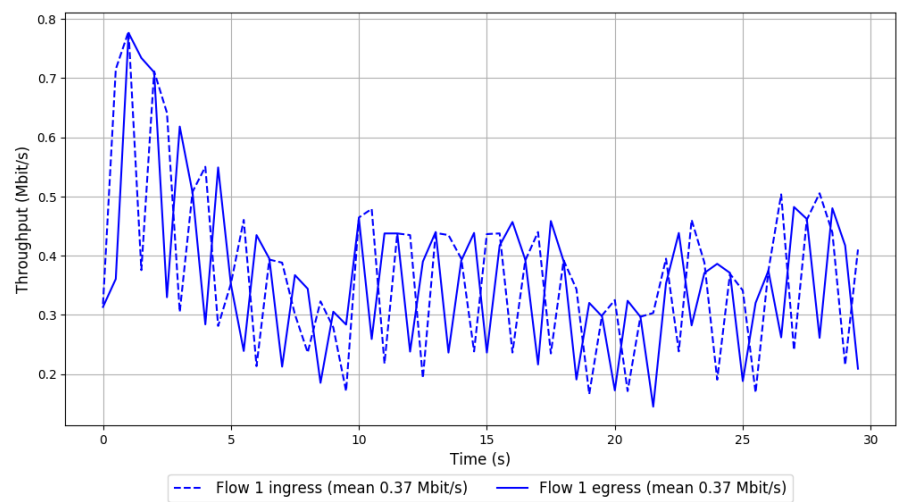
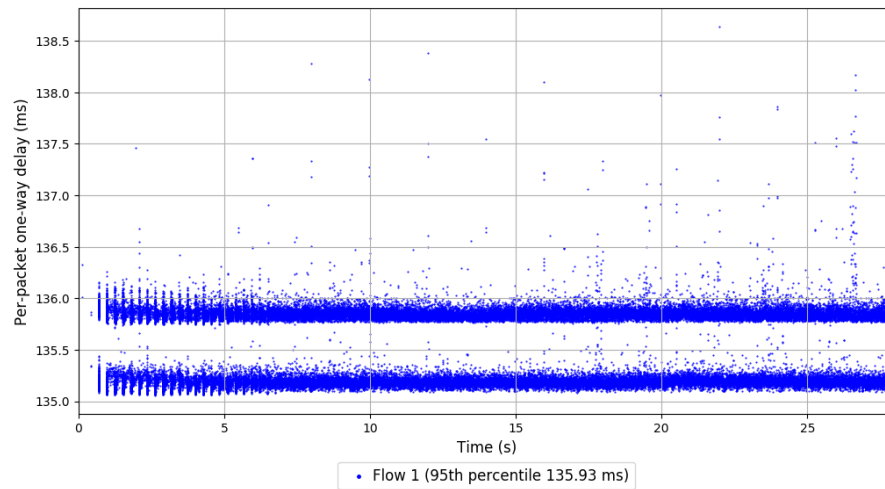# Run 9: Report of Sprout — Data Link

Flow 1 ingress (mean 0.39 Mbit/s)   Flow 1 egress (mean 0.38 Mbit/s)

Flow 1 (95th percentile 137.42 ms)

```
Run 10: Statistics of Sprout

Start at: 2017-09-18 10:20:15
End at: 2017-09-18 10:20:45

# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 137.496 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 137.496 ms
Loss rate: 0.93%
```
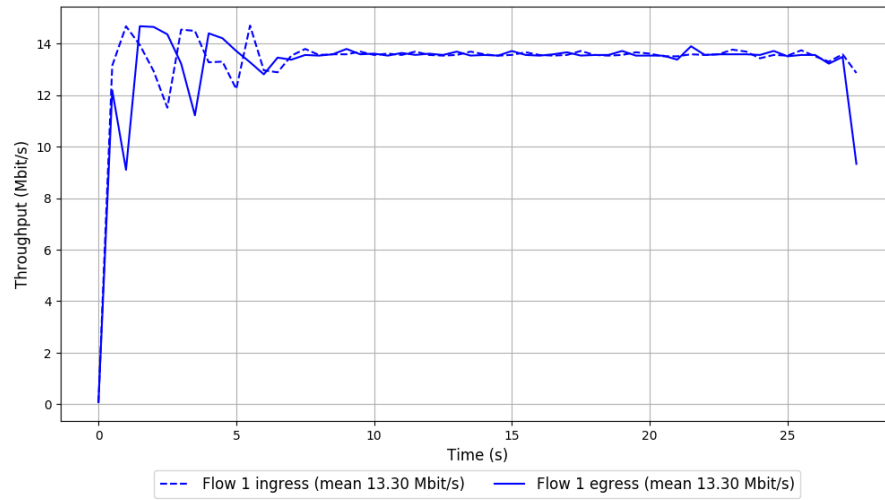
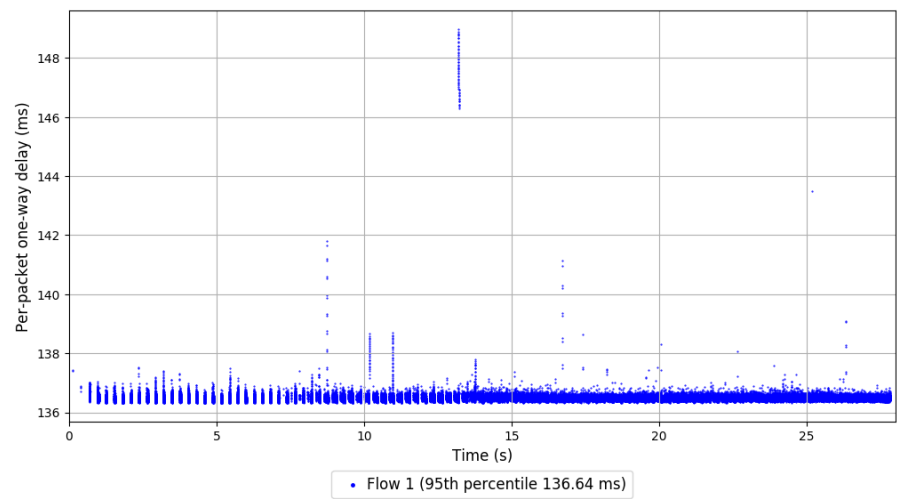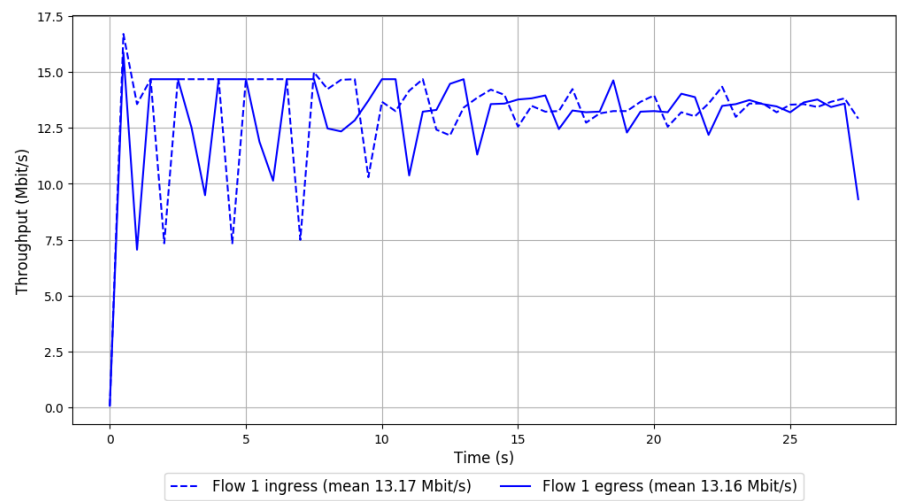Run 10: Report of Sprout — Data Link

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

Start at: 2017-09-18 08:24:26
End at: 2017-09-18 08:24:56

# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.30 Mbit/s
95th percentile per-packet one-way delay: 135.926 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 13.30 Mbit/s
95th percentile per-packet one-way delay: 135.926 ms
Loss rate: 0.99%
```

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

Flow 1 ingress (mean 13.30 Mbit/s)   Flow 1 egress (mean 13.30 Mbit/s)
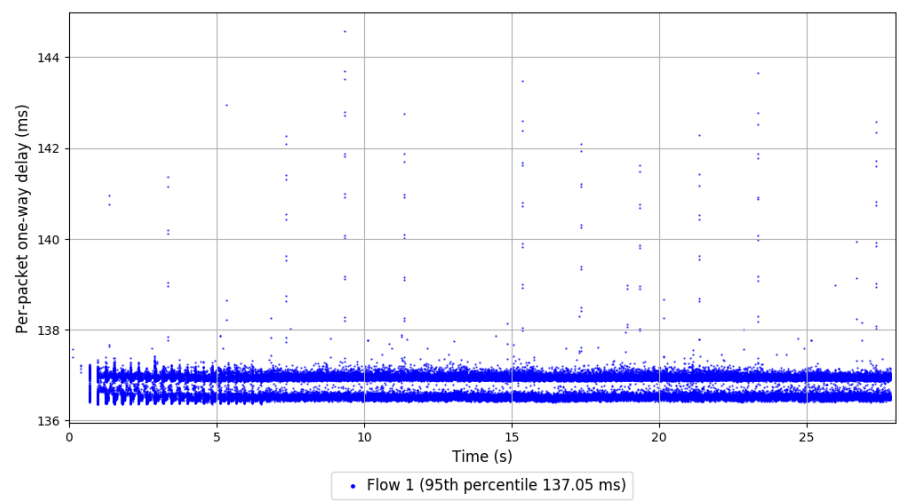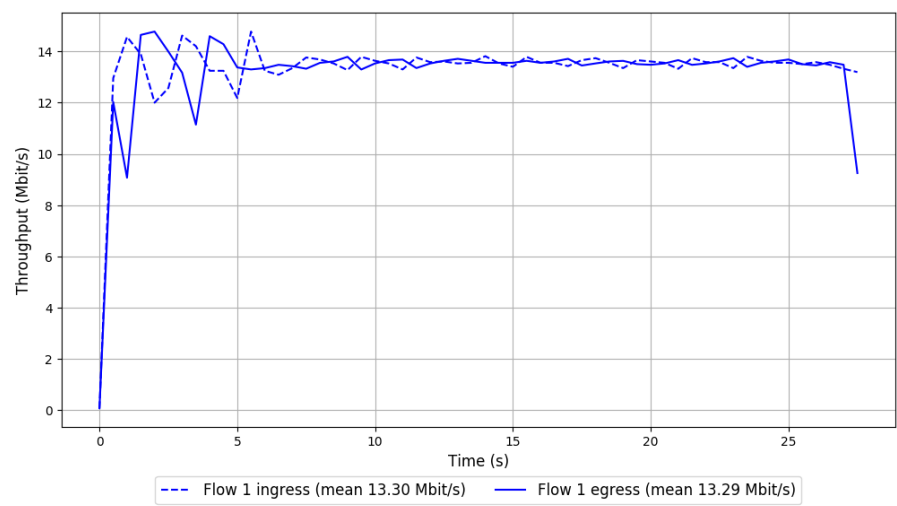

Flow 1 (95th percentile 135.93 ms)

```
Run 2: Statistics of TaoVA-100x

Start at: 2017-09-18 08:36:27
End at: 2017-09-18 08:36:57

# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.16 Mbit/s
95th percentile per-packet one-way delay: 136.639 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 13.16 Mbit/s
95th percentile per-packet one-way delay: 136.639 ms
Loss rate: 1.02%
```

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

```
Run 3: Statistics of TaoVA-100x

Start at: 2017-09-18 08:48:38
End at: 2017-09-18 08:49:08

# Below is generated by plot.py at 2017-09-18 13:05:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.29 Mbit/s
95th percentile per-packet one-way delay: 137.048 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 13.29 Mbit/s
95th percentile per-packet one-way delay: 137.048 ms
Loss rate: 1.01%
```
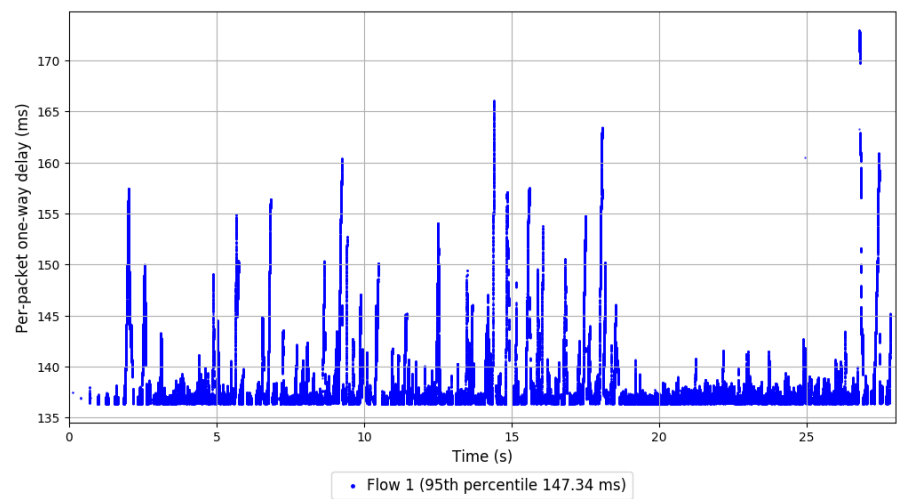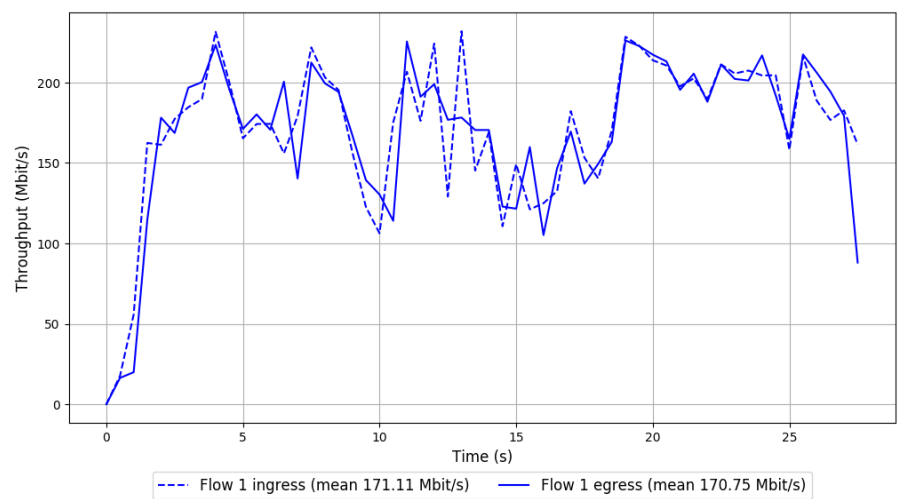
Run 3: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 13.30 Mbit/s)   Flow 1 egress (mean 13.29 Mbit/s)

Flow 1 (95th percentile 137.05 ms)

229

```
Run 4: Statistics of TaoVA-100x

Start at: 2017-09-18 09:00:41
End at: 2017-09-18 09:01:11

# Below is generated by plot.py at 2017-09-18 13:06:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 170.75 Mbit/s
95th percentile per-packet one-way delay: 147.339 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 170.75 Mbit/s
95th percentile per-packet one-way delay: 147.339 ms
Loss rate: 1.02%
```
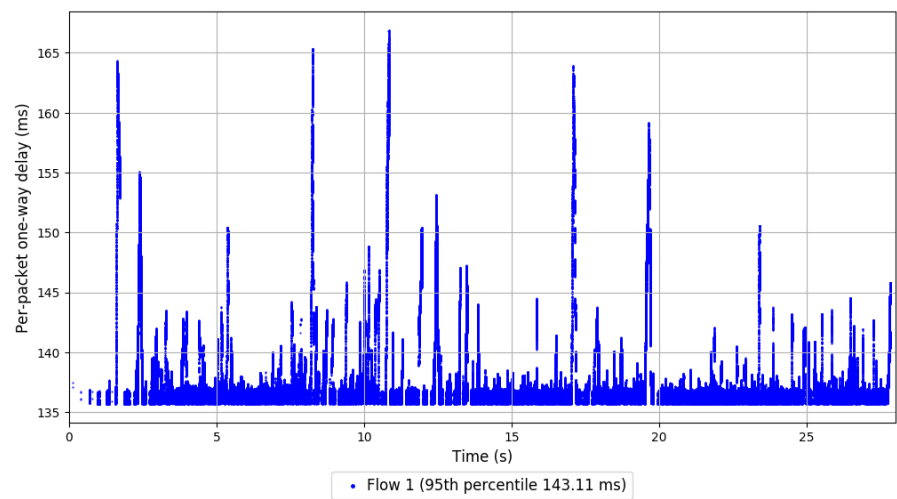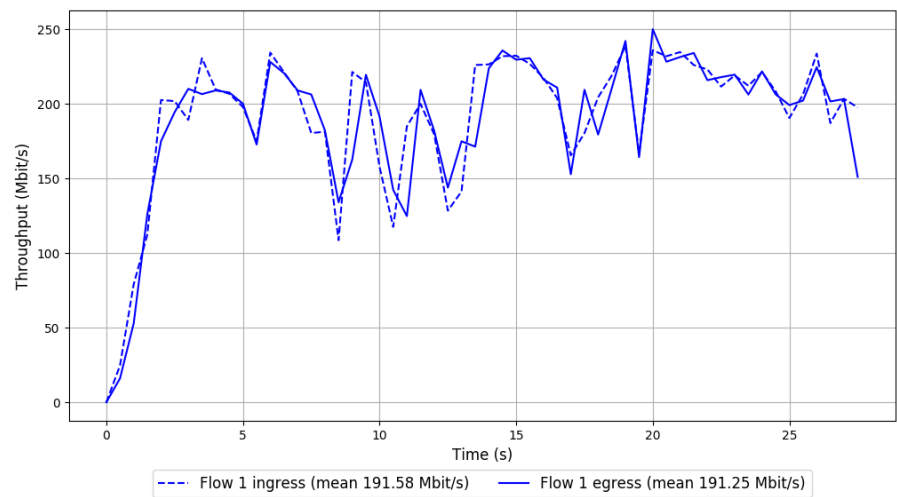
Run 4: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 171.11 Mbit/s) --- Flow 1 egress (mean 170.75 Mbit/s)

· Flow 1 (95th percentile 147.34 ms)

```
Run 5: Statistics of TaoVA-100x

Start at: 2017-09-18 09:13:02
End at: 2017-09-18 09:13:32

# Below is generated by plot.py at 2017-09-18 13:06:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 191.25 Mbit/s
95th percentile per-packet one-way delay: 143.113 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 191.25 Mbit/s
95th percentile per-packet one-way delay: 143.113 ms
Loss rate: 0.94%
```
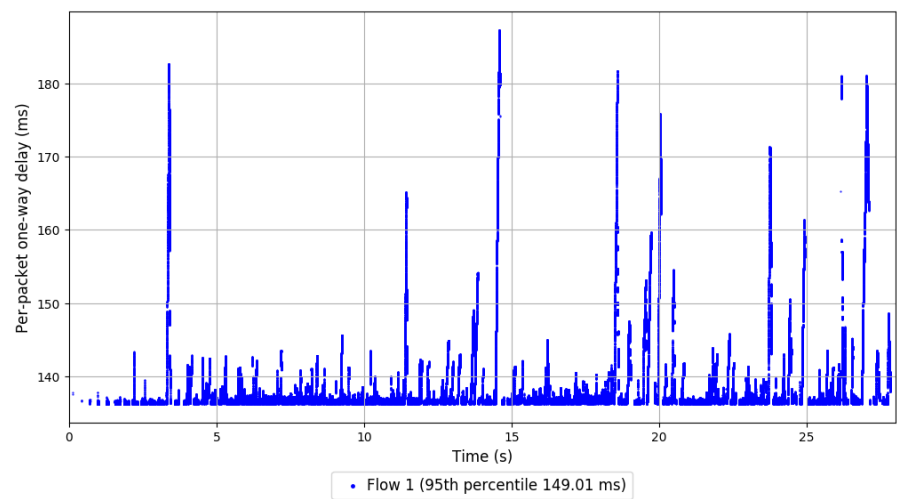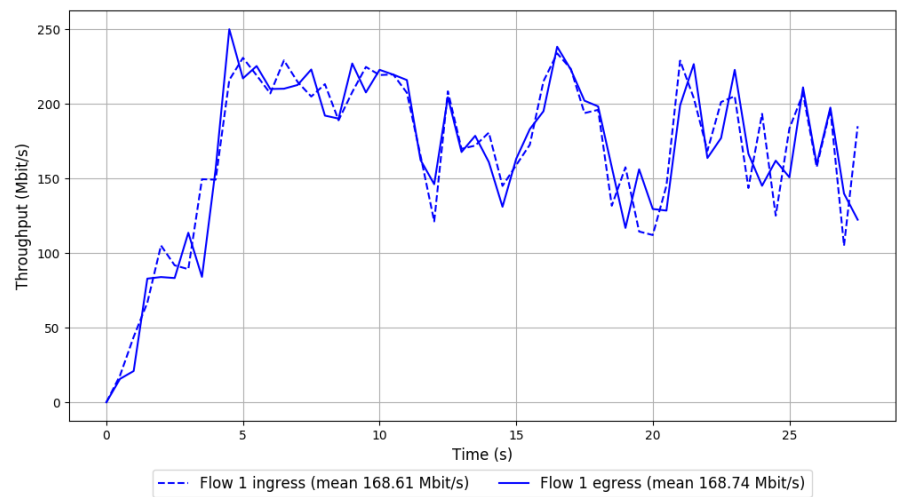
Run 5: Report of TaoVA-100x — Data Link

```
Run 6: Statistics of TaoVA-100x

Start at: 2017-09-18 09:25:25
End at: 2017-09-18 09:25:55

# Below is generated by plot.py at 2017-09-18 13:06:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 168.74 Mbit/s
95th percentile per-packet one-way delay: 149.011 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 168.74 Mbit/s
95th percentile per-packet one-way delay: 149.011 ms
Loss rate: 0.92%
```
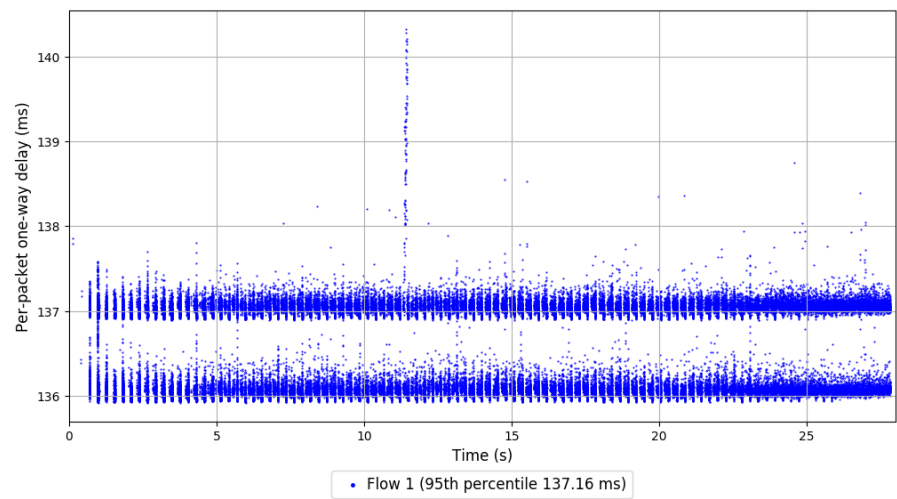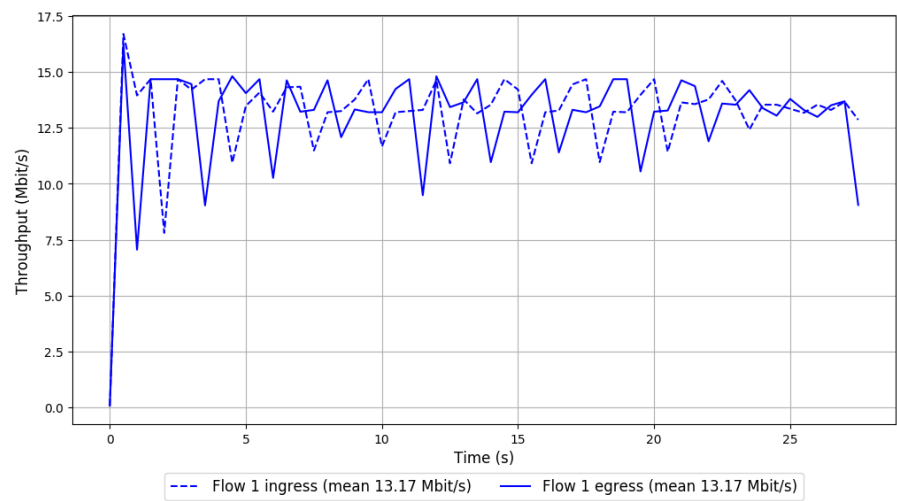
Run 6: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 168.61 Mbit/s)   Flow 1 egress (mean 168.74 Mbit/s)

Flow 1 (95th percentile 149.01 ms)

```
Run 7: Statistics of TaoVA-100x

Start at: 2017-09-18 09:38:00
End at: 2017-09-18 09:38:30

# Below is generated by plot.py at 2017-09-18 13:06:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.17 Mbit/s
95th percentile per-packet one-way delay: 137.162 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 13.17 Mbit/s
95th percentile per-packet one-way delay: 137.162 ms
Loss rate: 1.01%
```
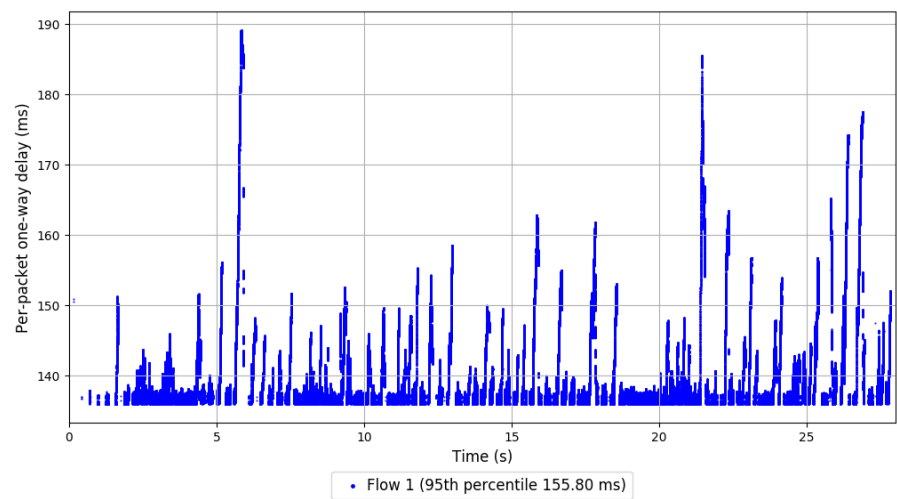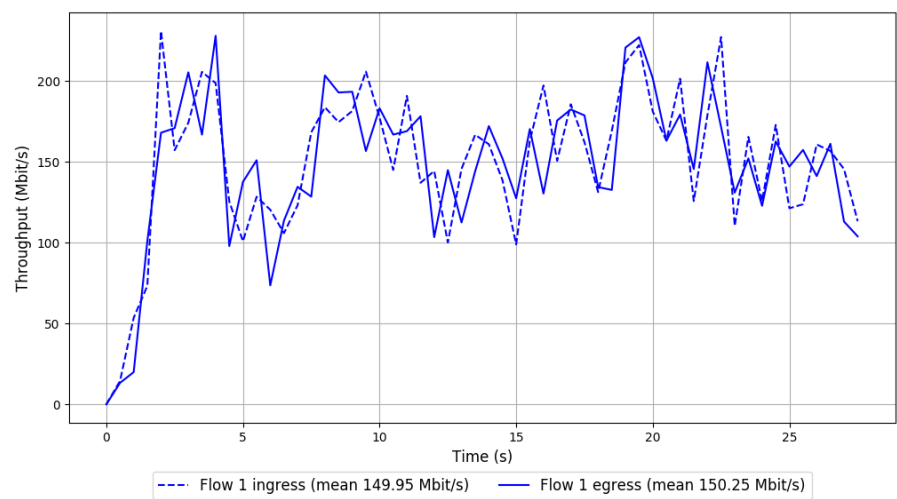
Run 7: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 13.17 Mbit/s)   Flow 1 egress (mean 13.17 Mbit/s)

Flow 1 (95th percentile 137.16 ms)

237

```
Run 8: Statistics of TaoVA-100x

Start at: 2017-09-18 09:50:03
End at: 2017-09-18 09:50:33

# Below is generated by plot.py at 2017-09-18 13:06:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 150.25 Mbit/s
95th percentile per-packet one-way delay: 155.799 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 150.25 Mbit/s
95th percentile per-packet one-way delay: 155.799 ms
Loss rate: 0.83%
```
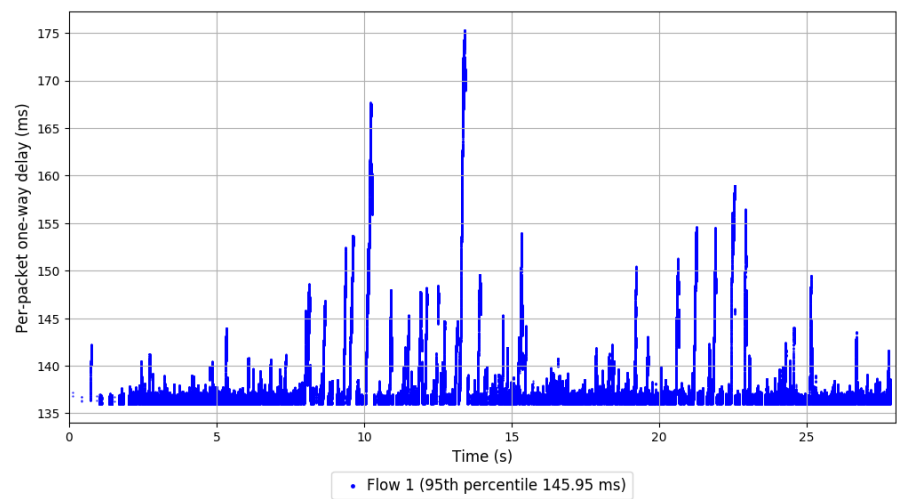
Run 8: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 149.95 Mbit/s)   Flow 1 egress (mean 150.25 Mbit/s)

Flow 1 (95th percentile 155.80 ms)

```
Run 9: Statistics of TaoVA-100x

Start at: 2017-09-18 10:02:19
End at: 2017-09-18 10:02:49

# Below is generated by plot.py at 2017-09-18 13:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 181.88 Mbit/s
95th percentile per-packet one-way delay: 145.948 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 181.88 Mbit/s
95th percentile per-packet one-way delay: 145.948 ms
Loss rate: 1.10%
```
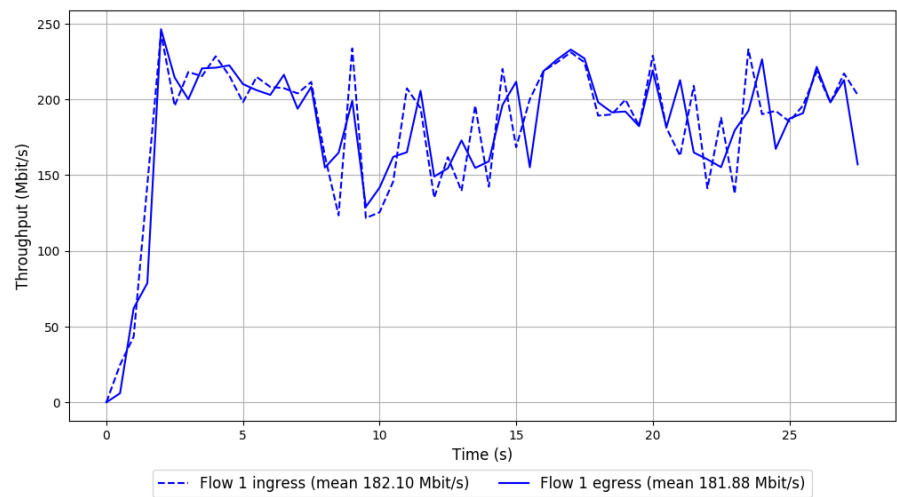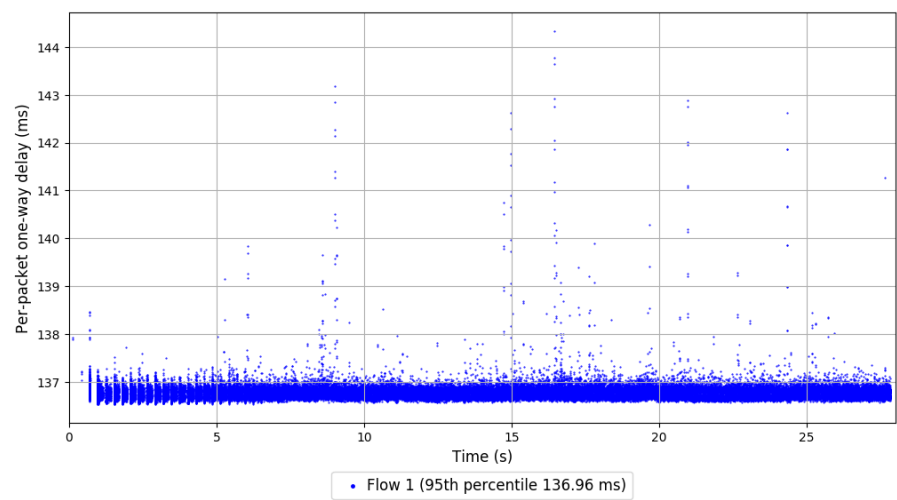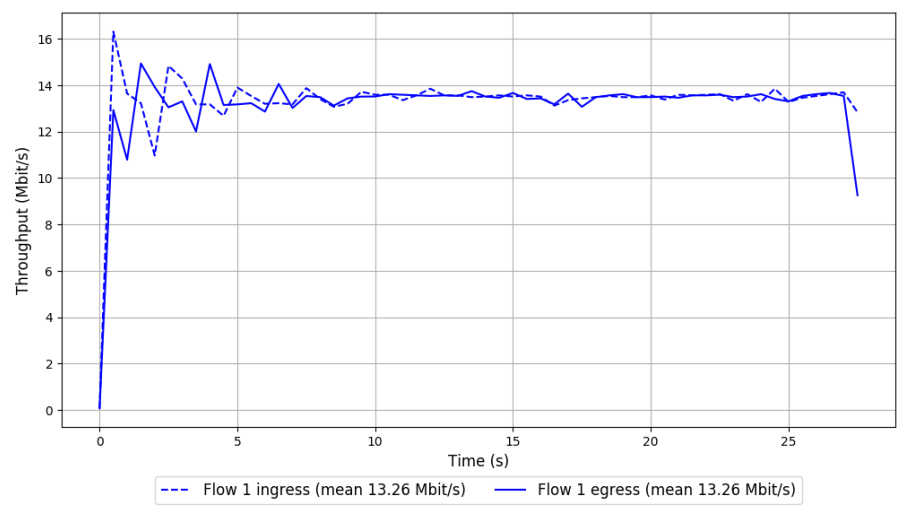
Run 9: Report of TaoVA-100x — Data Link

```
Run 10: Statistics of TaoVA-100x

Start at: 2017-09-18 10:14:43
End at: 2017-09-18 10:15:13


# Below is generated by plot.py at 2017-09-18 13:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.26 Mbit/s
95th percentile per-packet one-way delay: 136.958 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 13.26 Mbit/s
95th percentile per-packet one-way delay: 136.958 ms
Loss rate: 1.05%
```
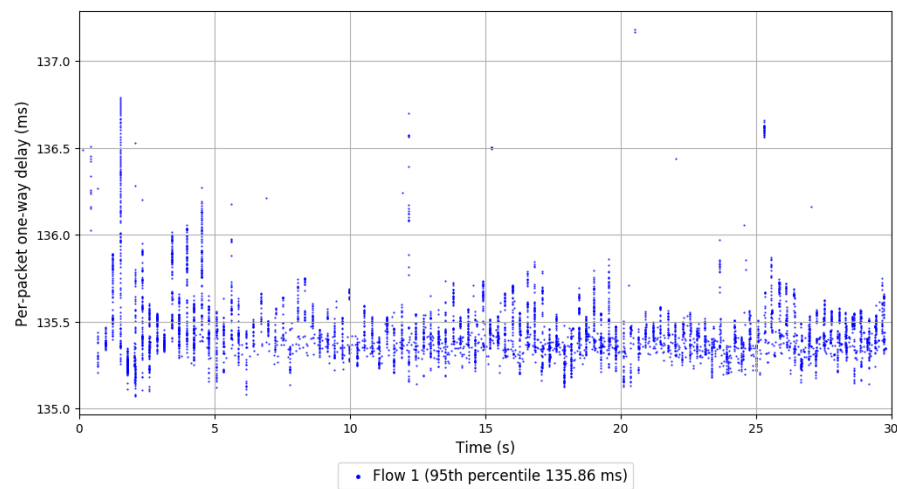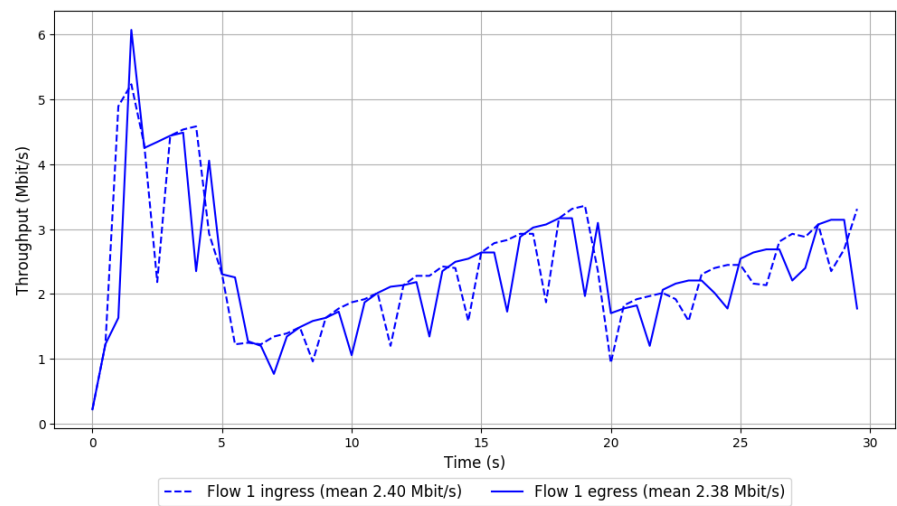
Run 10: Report of TaoVA-100x — Data Link

Flow 1 ingress (mean 13.26 Mbit/s) --- Flow 1 egress (mean 13.26 Mbit/s)

Flow 1 (95th percentile 136.96 ms)

243

Run 1: Statistics of TCP Vegas

Start at: 2017-09-18 08:22:05
End at: 2017-09-18 08:22:35

Below is generated by plot.py at 2017-09-18 13:07:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.38 Mbit/s
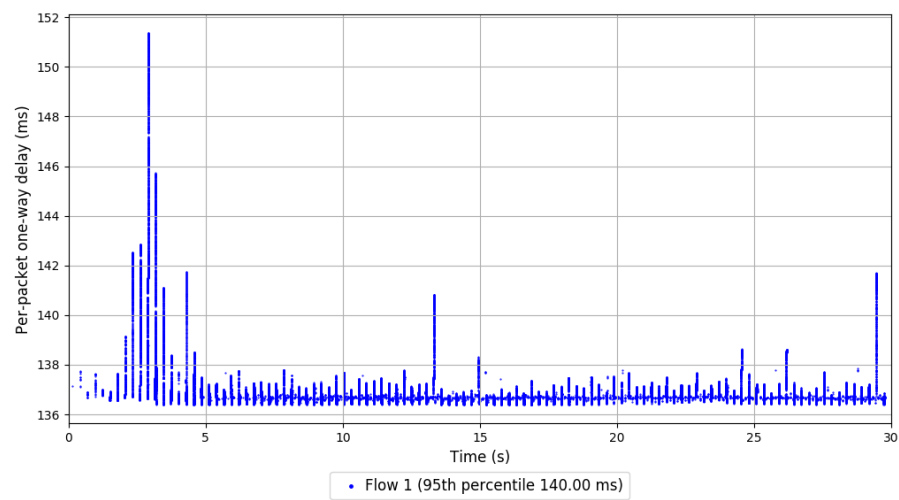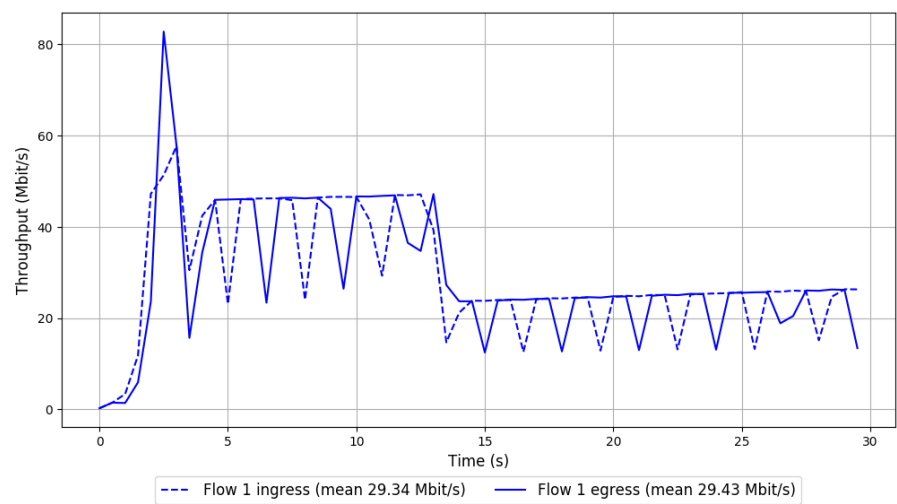95th percentile per-packet one-way delay: 135.857 ms
Loss rate: 1.49%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 135.857 ms
Loss rate: 1.49%

Run 1: Report of TCP Vegas — Data Link

```
Run 2: Statistics of TCP Vegas

Start at: 2017-09-18 08:34:03
End at: 2017-09-18 08:34:33

# Below is generated by plot.py at 2017-09-18 13:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.43 Mbit/s
95th percentile per-packet one-way delay: 140.001 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 29.43 Mbit/s
95th percentile per-packet one-way delay: 140.001 ms
Loss rate: 0.76%
```
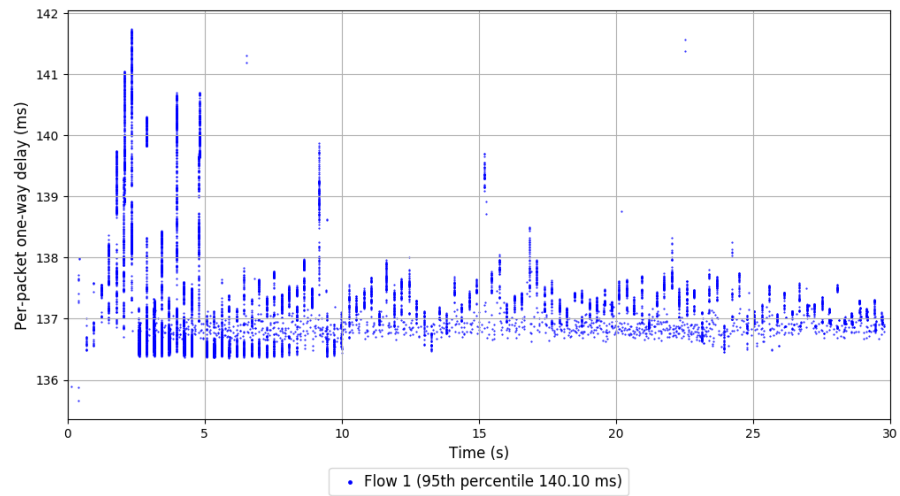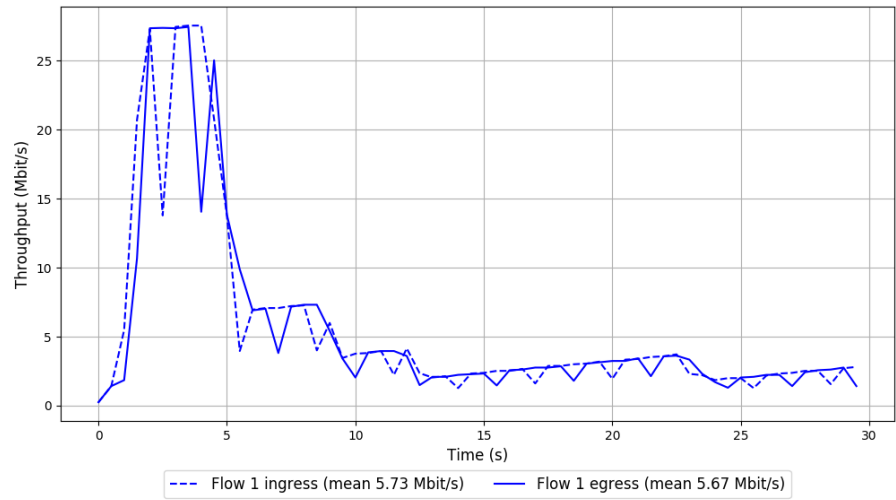
Run 2: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 29.34 Mbit/s) — — —   Flow 1 egress (mean 29.43 Mbit/s) ———

Flow 1 (95th percentile 140.00 ms)

```
Run 3: Statistics of TCP Vegas

Start at: 2017-09-18 08:46:15
End at: 2017-09-18 08:46:45

# Below is generated by plot.py at 2017-09-18 13:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.67 Mbit/s
95th percentile per-packet one-way delay: 140.100 ms
Loss rate: 1.85%
-- Flow 1:
Average throughput: 5.67 Mbit/s
95th percentile per-packet one-way delay: 140.100 ms
Loss rate: 1.85%
```
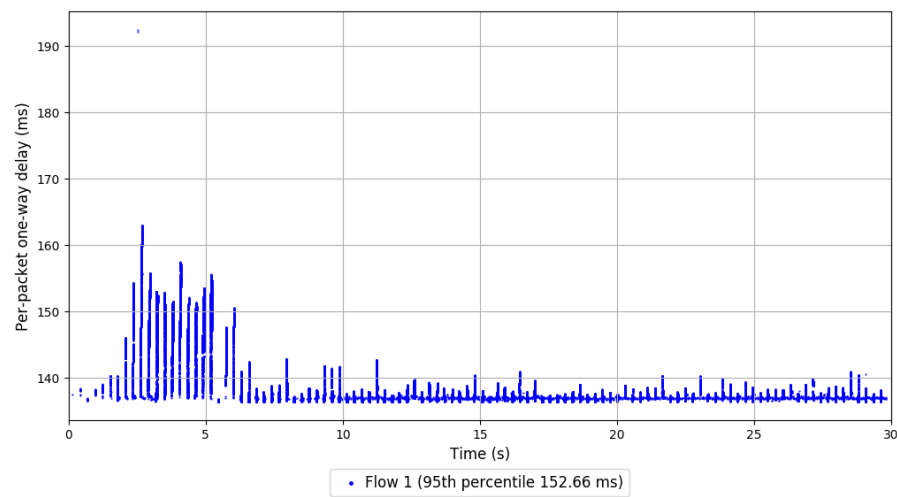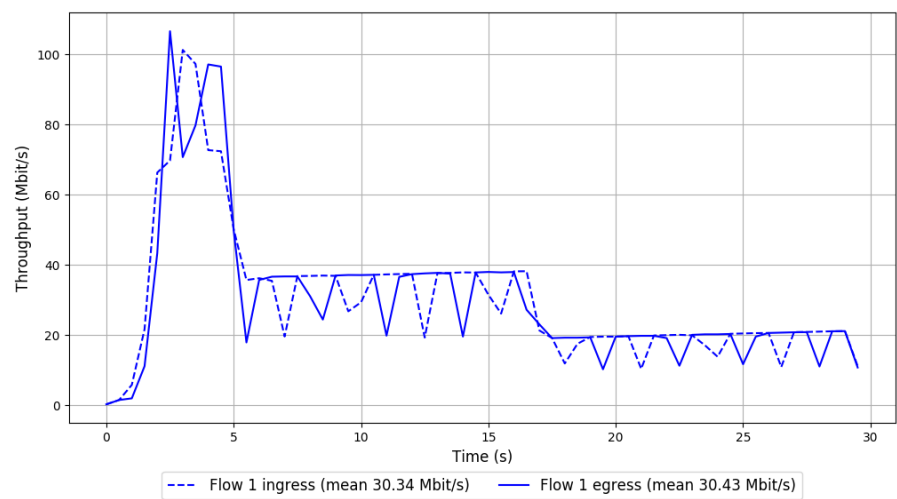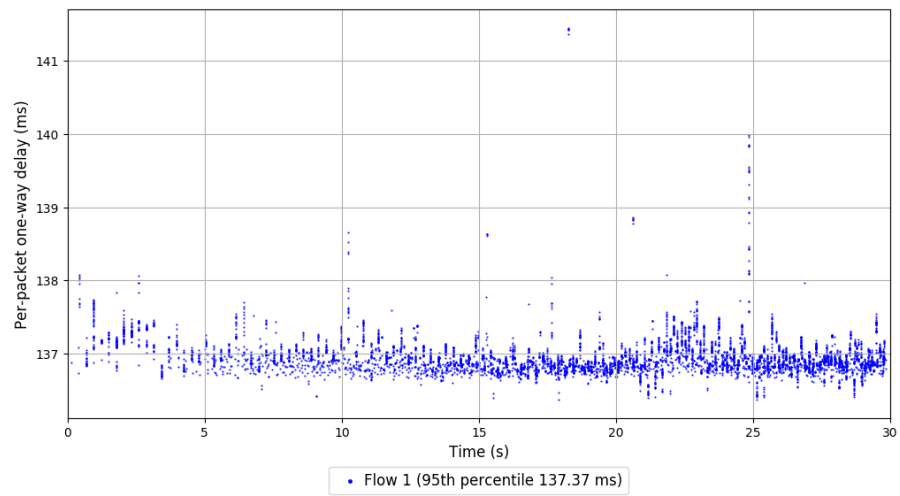
Run 3: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 5.73 Mbit/s) --- Flow 1 egress (mean 5.67 Mbit/s)

Flow 1 (95th percentile 140.10 ms)

```
Run 4: Statistics of TCP Vegas

Start at: 2017-09-18 08:58:16
End at: 2017-09-18 08:58:46

# Below is generated by plot.py at 2017-09-18 13:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 30.43 Mbit/s
95th percentile per-packet one-way delay: 152.656 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 30.43 Mbit/s
95th percentile per-packet one-way delay: 152.656 ms
Loss rate: 0.64%
```
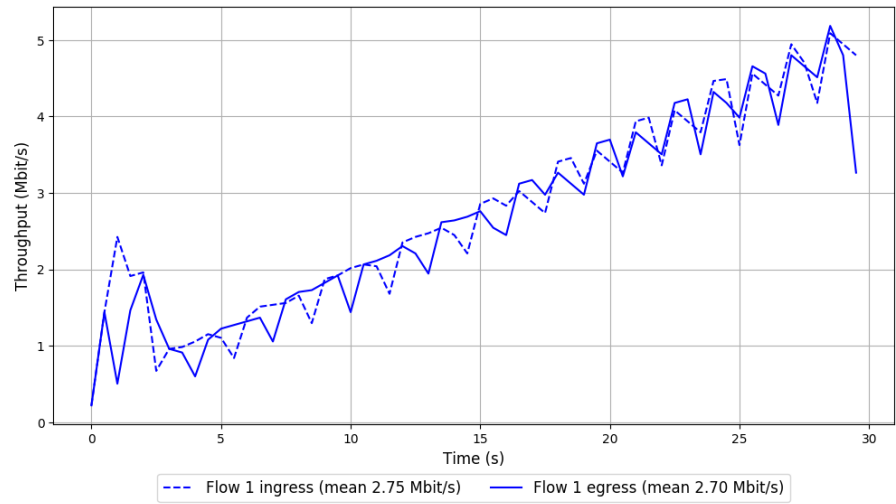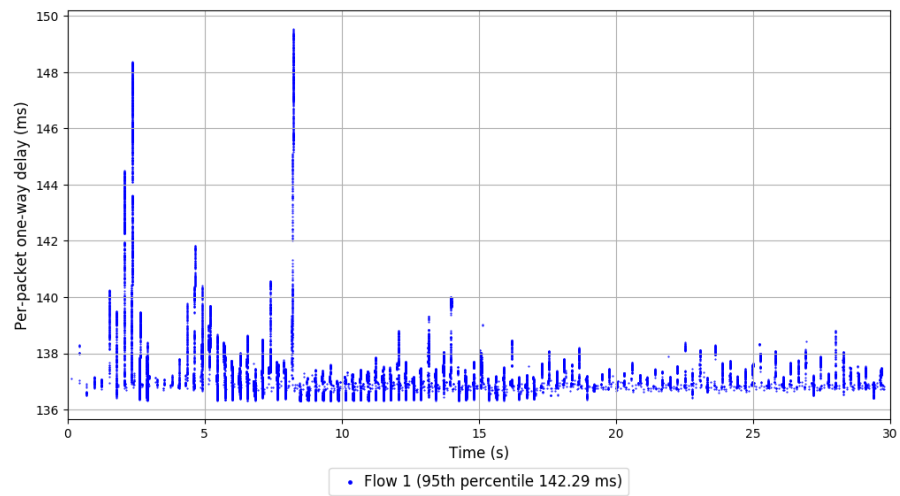
Run 4: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 30.34 Mbit/s) —— Flow 1 egress (mean 30.43 Mbit/s)

• Flow 1 (95th percentile 152.66 ms)

```
Run 5: Statistics of TCP Vegas

Start at: 2017-09-18 09:10:39
End at: 2017-09-18 09:11:09

# Below is generated by plot.py at 2017-09-18 13:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.70 Mbit/s
95th percentile per-packet one-way delay: 137.371 ms
Loss rate: 2.71%
-- Flow 1:
Average throughput: 2.70 Mbit/s
95th percentile per-packet one-way delay: 137.371 ms
Loss rate: 2.71%
```
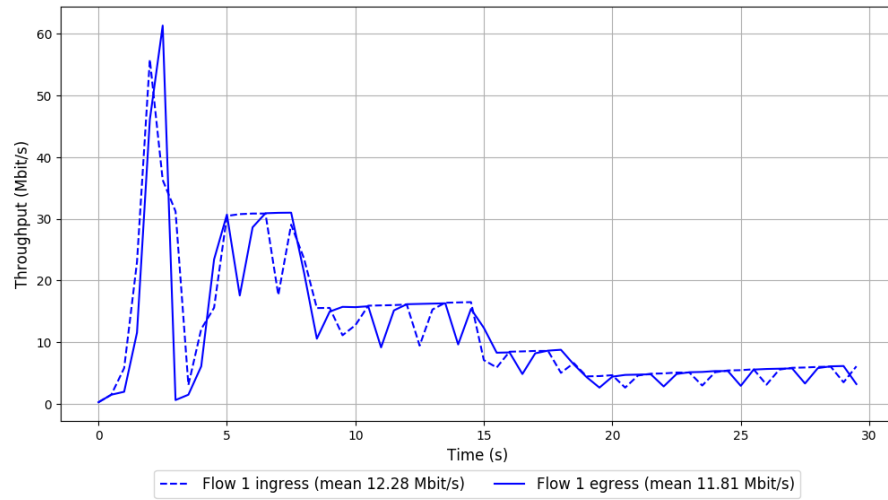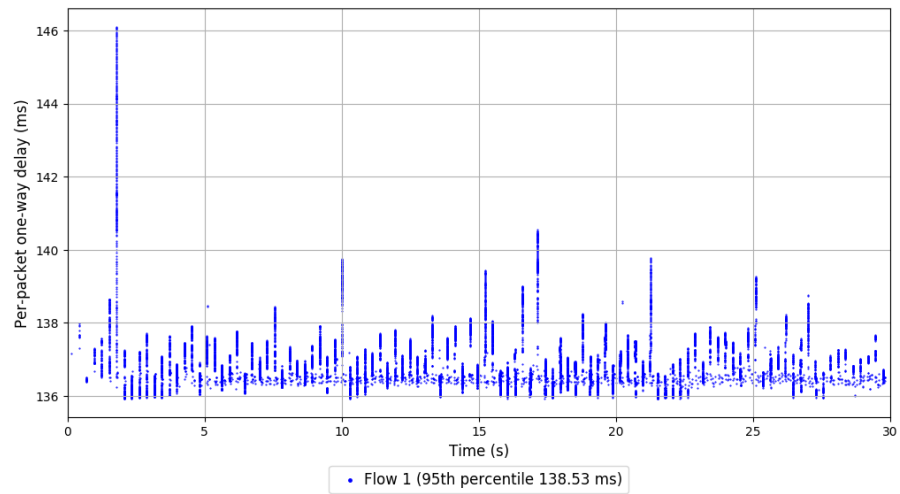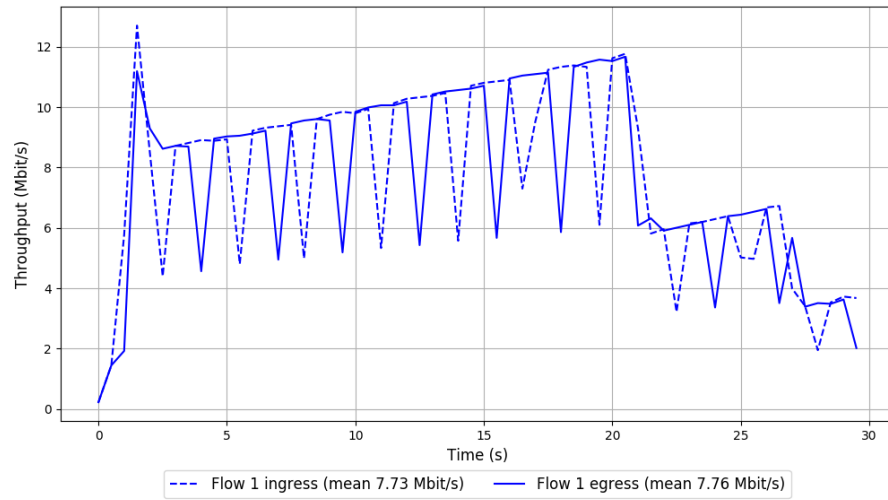
Run 5: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 2.75 Mbit/s) --- Flow 1 egress (mean 2.70 Mbit/s)

Flow 1 (95th percentile 137.37 ms)

```
Run 6: Statistics of TCP Vegas

Start at: 2017-09-18 09:23:02
End at: 2017-09-18 09:23:32

# Below is generated by plot.py at 2017-09-18 13:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.81 Mbit/s
95th percentile per-packet one-way delay: 142.287 ms
Loss rate: 4.71%
-- Flow 1:
Average throughput: 11.81 Mbit/s
95th percentile per-packet one-way delay: 142.287 ms
Loss rate: 4.71%
```
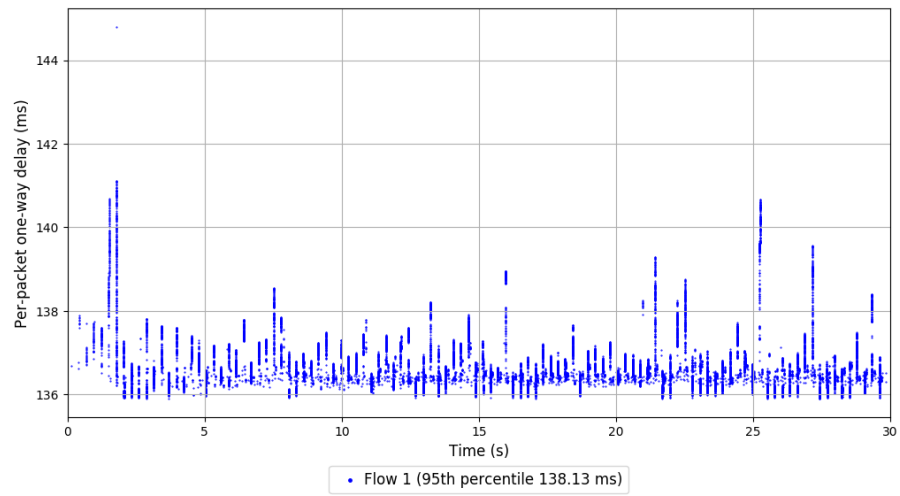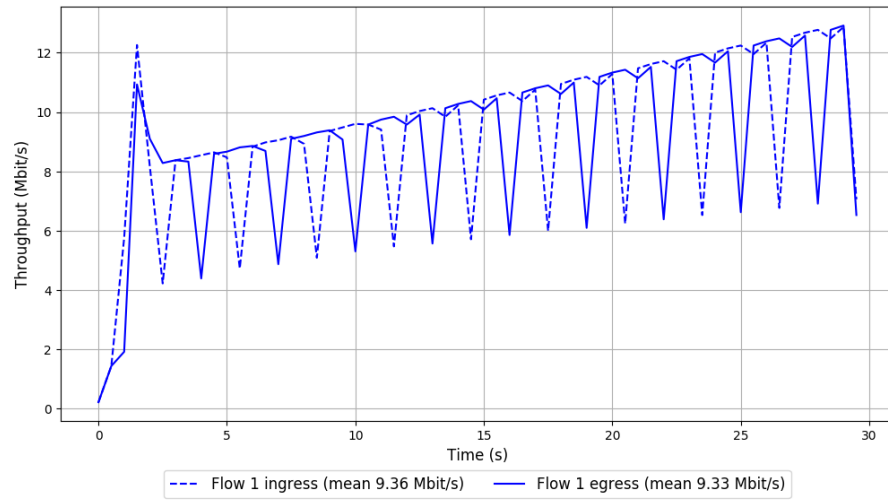
Run 6: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 12.28 Mbit/s) --- Flow 1 egress (mean 11.81 Mbit/s)

Flow 1 (95th percentile 142.29 ms)

```
Run 7: Statistics of TCP Vegas

Start at: 2017-09-18 09:35:37
End at: 2017-09-18 09:36:07

# Below is generated by plot.py at 2017-09-18 13:07:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.76 Mbit/s
95th percentile per-packet one-way delay: 138.526 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 7.76 Mbit/s
95th percentile per-packet one-way delay: 138.526 ms
Loss rate: 0.52%
```
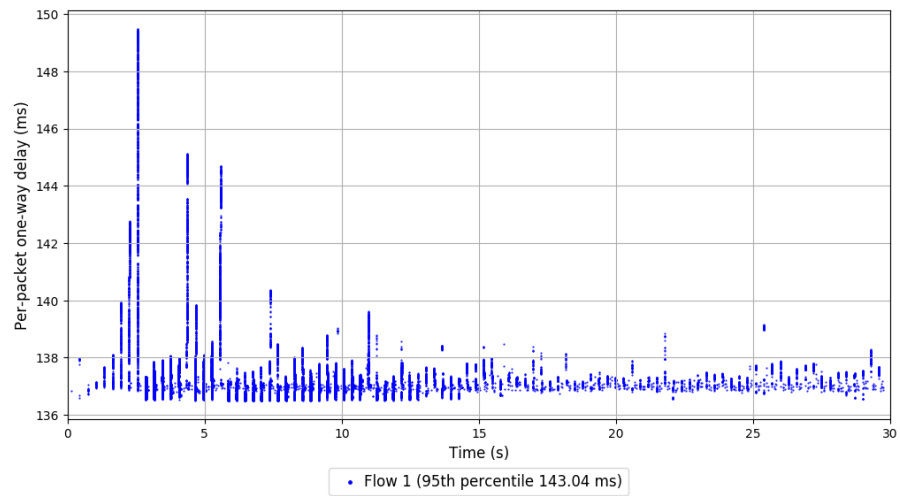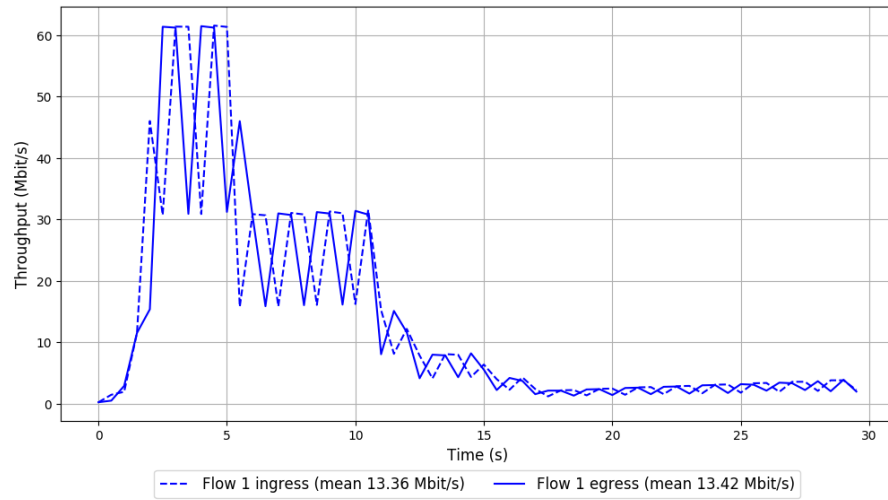
Run 7: Report of TCP Vegas — Data Link

Flow 1 ingress (mean 7.73 Mbit/s) --- Flow 1 egress (mean 7.76 Mbit/s)

• Flow 1 (95th percentile 138.53 ms)

```
Run 8: Statistics of TCP Vegas

Start at: 2017-09-18 09:47:39
End at: 2017-09-18 09:48:09

# Below is generated by plot.py at 2017-09-18 13:07:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.33 Mbit/s
95th percentile per-packet one-way delay: 138.132 ms
Loss rate: 1.19%
-- Flow 1:
Average throughput: 9.33 Mbit/s
95th percentile per-packet one-way delay: 138.132 ms
Loss rate: 1.19%
```
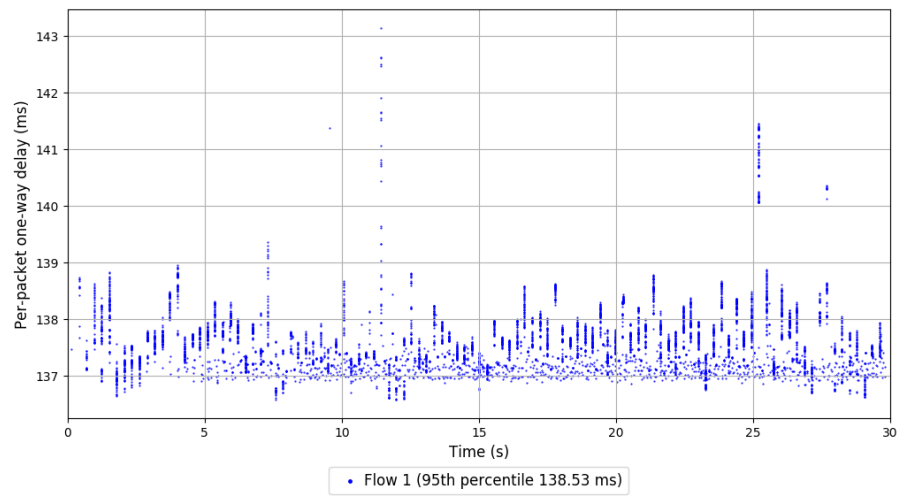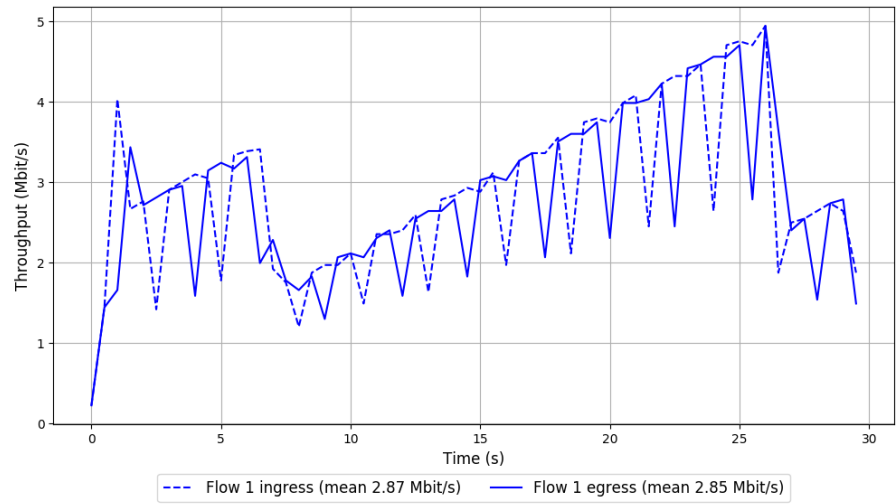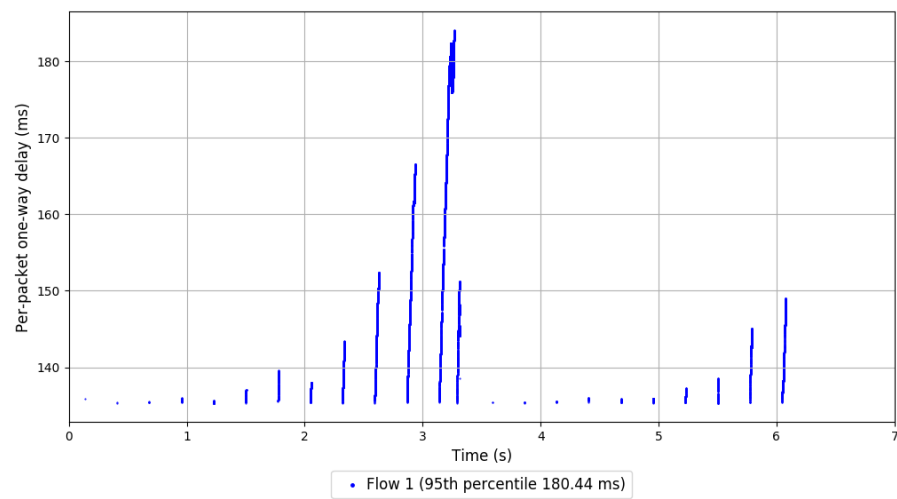
Run 8: Report of TCP Vegas — Data Link

```
Run 9: Statistics of TCP Vegas

Start at: 2017-09-18 09:59:55
End at: 2017-09-18 10:00:25

# Below is generated by plot.py at 2017-09-18 13:07:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.42 Mbit/s
95th percentile per-packet one-way delay: 143.039 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 13.42 Mbit/s
95th percentile per-packet one-way delay: 143.039 ms
Loss rate: 0.61%
```
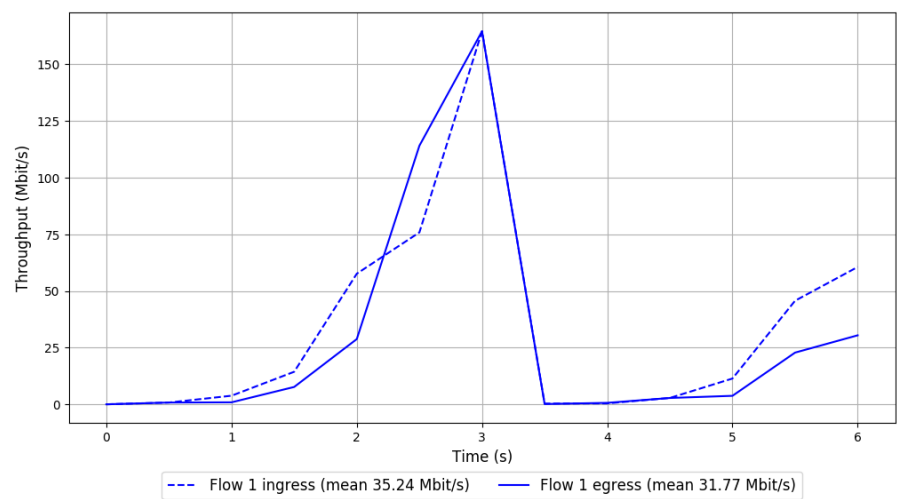
Run 9: Report of TCP Vegas — Data Link

```
Run 10: Statistics of TCP Vegas

Start at: 2017-09-18 10:12:18
End at: 2017-09-18 10:12:48

# Below is generated by plot.py at 2017-09-18 13:07:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.85 Mbit/s
95th percentile per-packet one-way delay: 138.535 ms
Loss rate: 1.61%
-- Flow 1:
Average throughput: 2.85 Mbit/s
95th percentile per-packet one-way delay: 138.535 ms
Loss rate: 1.61%
```
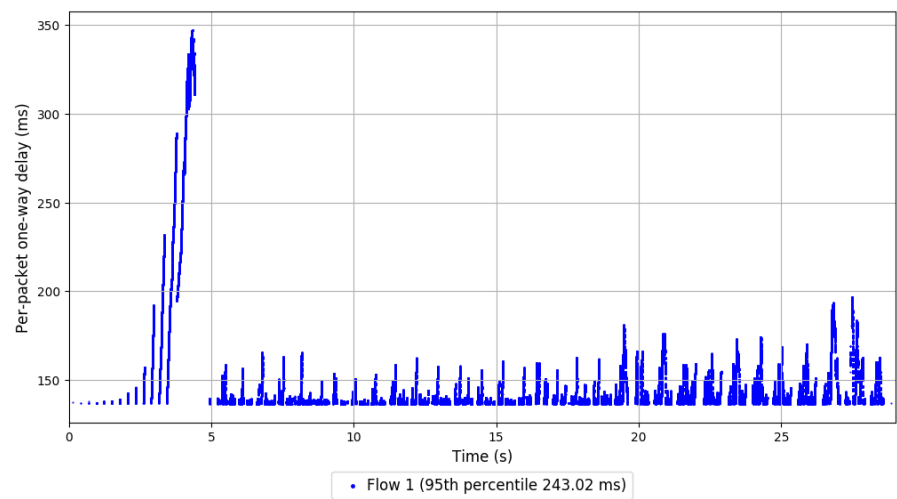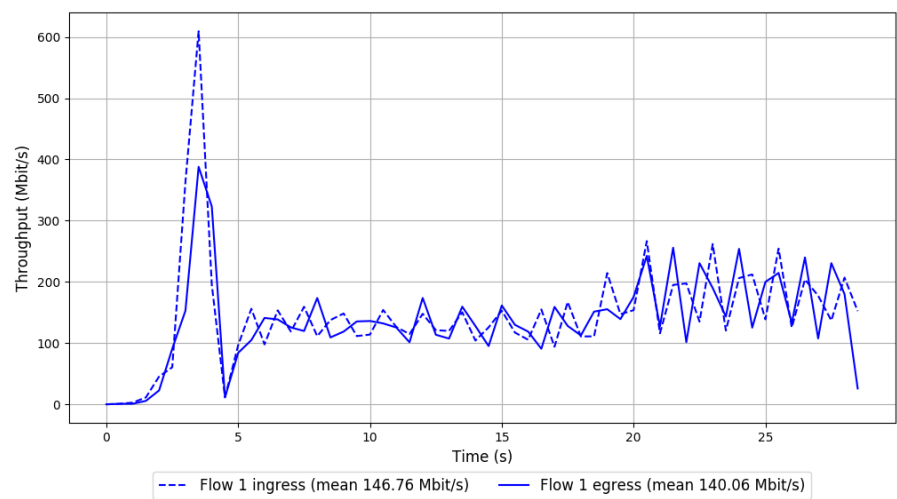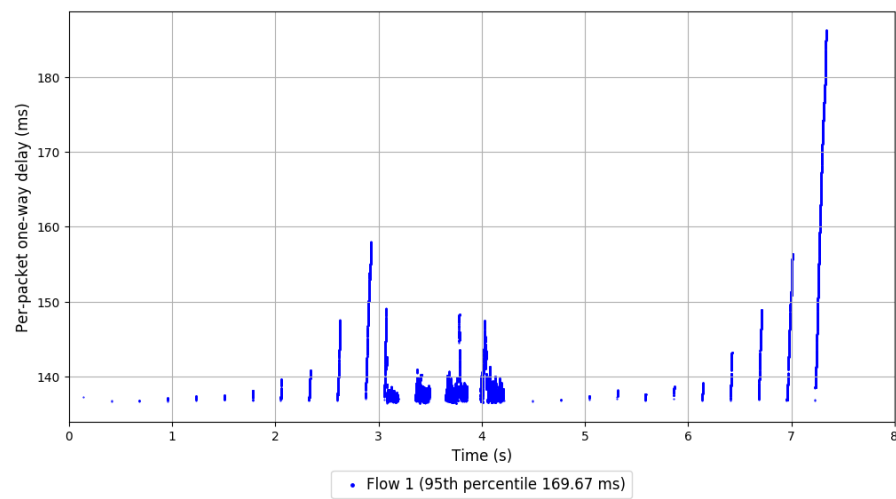
Run 10: Report of TCP Vegas — Data Link
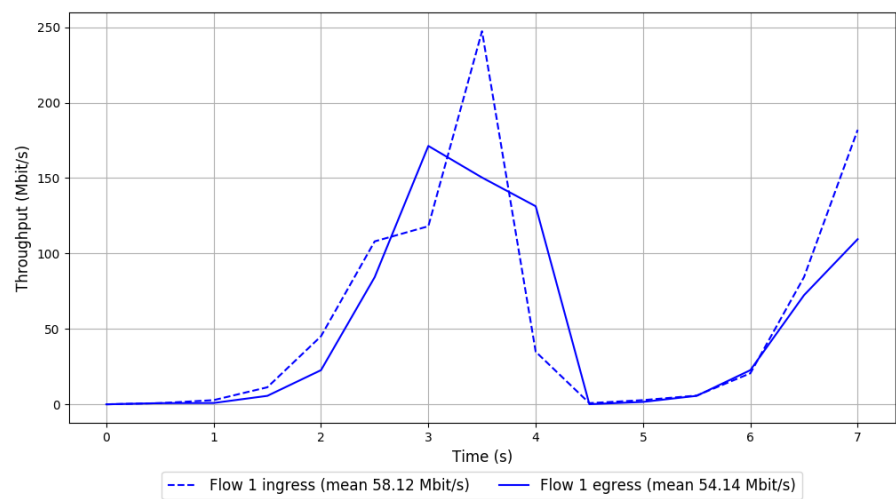
Run 1: Statistics of Verus

Start at: 2017-09-18 08:26:54
End at: 2017-09-18 08:27:24

Run 1: Report of Verus — Data Link

```
Run 2: Statistics of Verus

Start at: 2017-09-18 08:38:53
End at: 2017-09-18 08:39:23

# Below is generated by plot.py at 2017-09-18 13:07:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 140.06 Mbit/s
95th percentile per-packet one-way delay: 243.016 ms
Loss rate: 5.43%
-- Flow 1:
Average throughput: 140.06 Mbit/s
95th percentile per-packet one-way delay: 243.016 ms
Loss rate: 5.43%
```
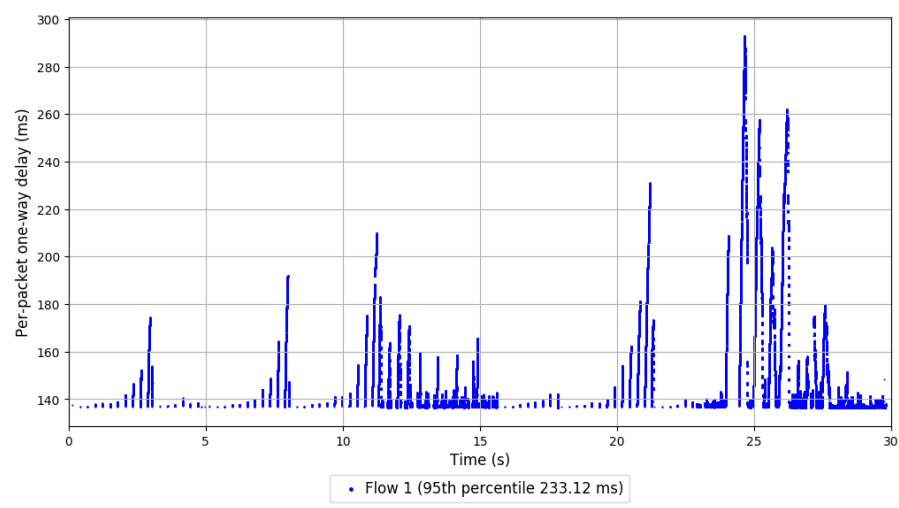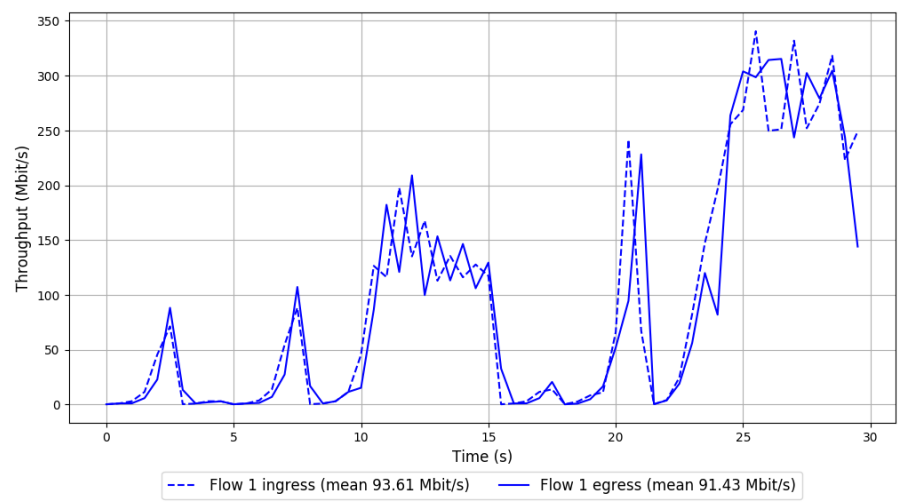
Run 2: Report of Verus — Data Link

Flow 1 ingress (mean 146.76 Mbit/s) — Flow 1 egress (mean 140.06 Mbit/s)

• Flow 1 (95th percentile 243.02 ms)

Run 3: Statistics of Verus

Start at: 2017-09-18 08:51:05
End at: 2017-09-18 08:51:35

Run 3: Report of Verus — Data Link

```
Run 4: Statistics of Verus

Start at: 2017-09-18 09:03:27
End at: 2017-09-18 09:03:57

# Below is generated by plot.py at 2017-09-18 13:07:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.43 Mbit/s
95th percentile per-packet one-way delay: 233.122 ms
Loss rate: 3.22%
-- Flow 1:
Average throughput: 91.43 Mbit/s
95th percentile per-packet one-way delay: 233.122 ms
Loss rate: 3.22%
```

Run 4: Report of Verus — Data Link

```
Run 5: Statistics of Verus

Start at: 2017-09-18 09:15:50
End at: 2017-09-18 09:16:20

# Below is generated by plot.py at 2017-09-18 13:07:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 177.34 Mbit/s
95th percentile per-packet one-way delay: 292.621 ms
Loss rate: 4.82%
-- Flow 1:
Average throughput: 177.34 Mbit/s
95th percentile per-packet one-way delay: 292.621 ms
Loss rate: 4.82%
```
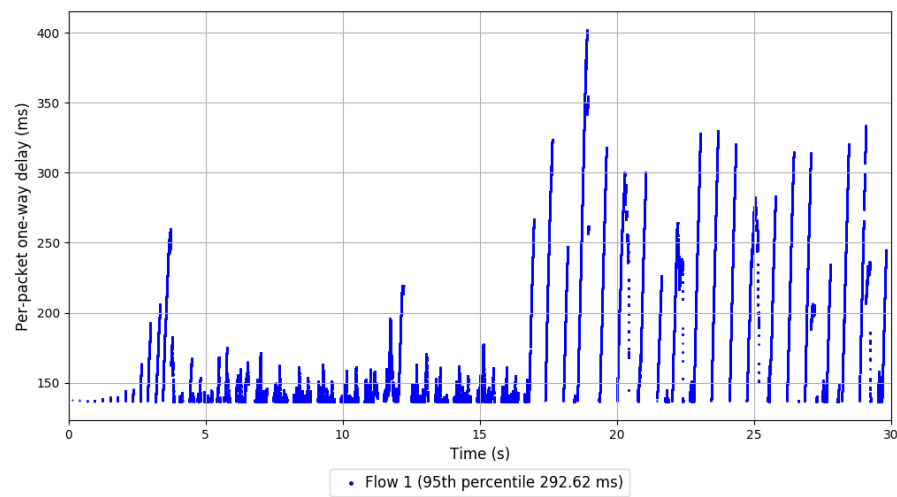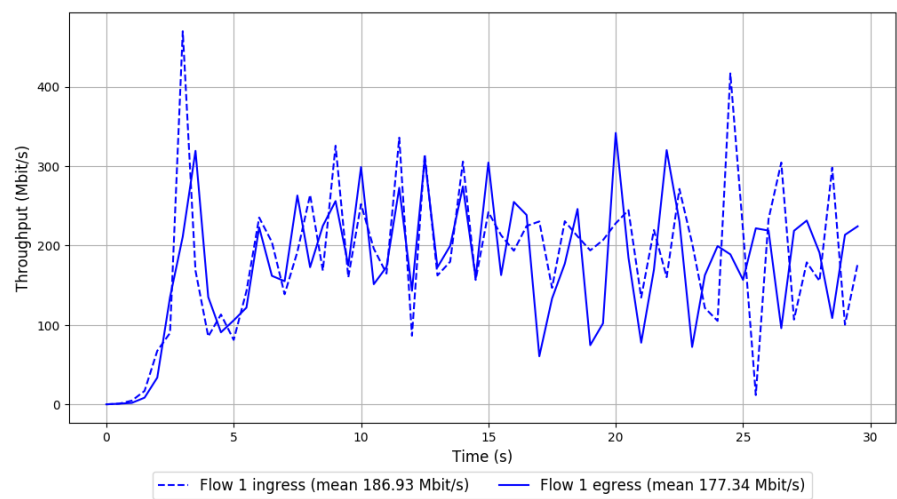
Run 5: Report of Verus — Data Link

```
Run 6: Statistics of Verus

Start at: 2017-09-18 09:28:10
End at: 2017-09-18 09:28:40

# Below is generated by plot.py at 2017-09-18 13:07:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 217.09 Mbit/s
95th percentile per-packet one-way delay: 261.572 ms
Loss rate: 3.09%
-- Flow 1:
Average throughput: 217.09 Mbit/s
95th percentile per-packet one-way delay: 261.572 ms
Loss rate: 3.09%
```
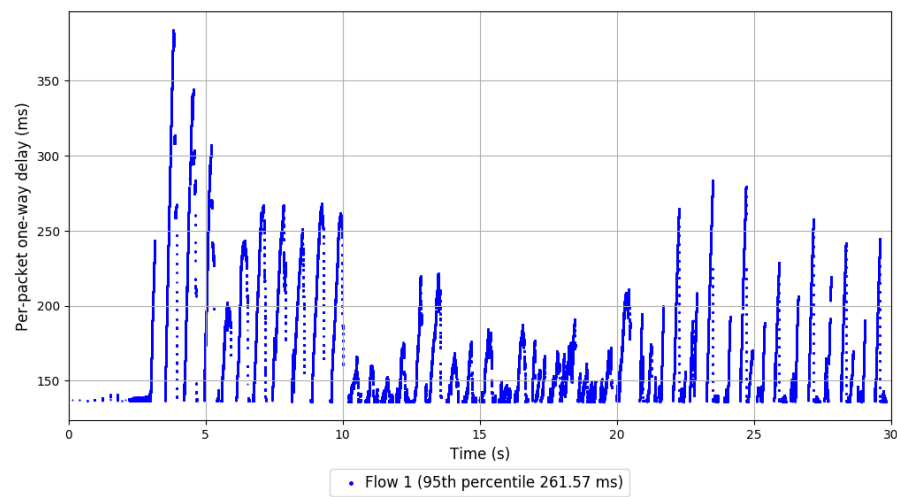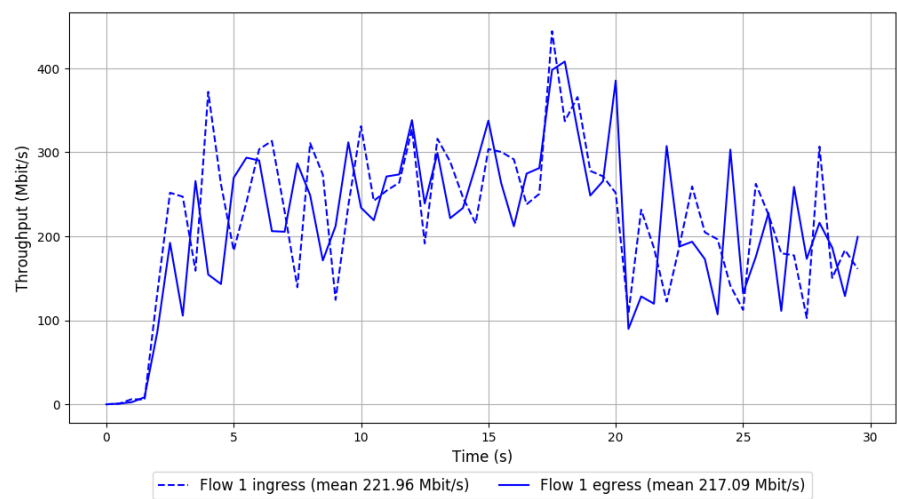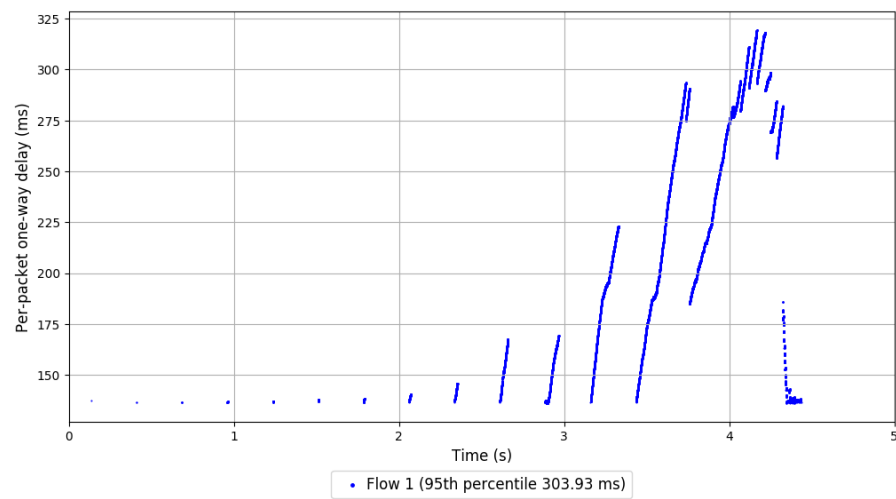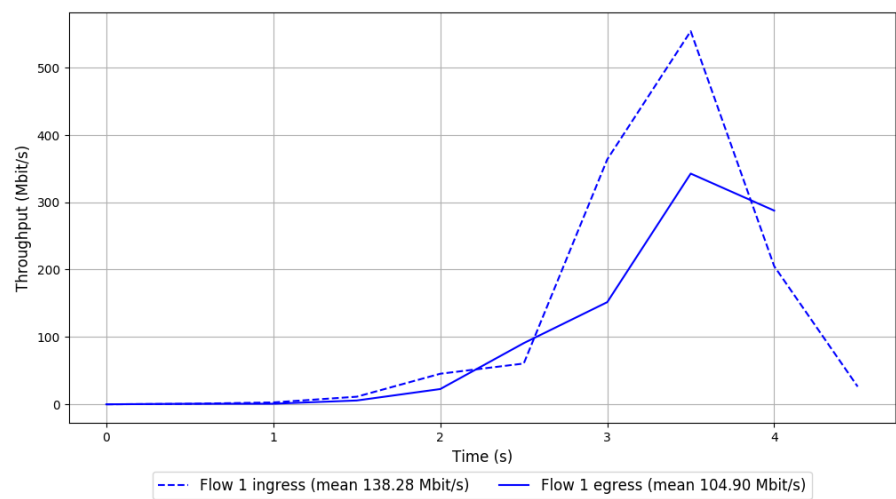
Run 6: Report of Verus — Data Link

```
Run 7: Statistics of Verus

Start at: 2017-09-18 09:40:26
End at: 2017-09-18 09:40:56
```
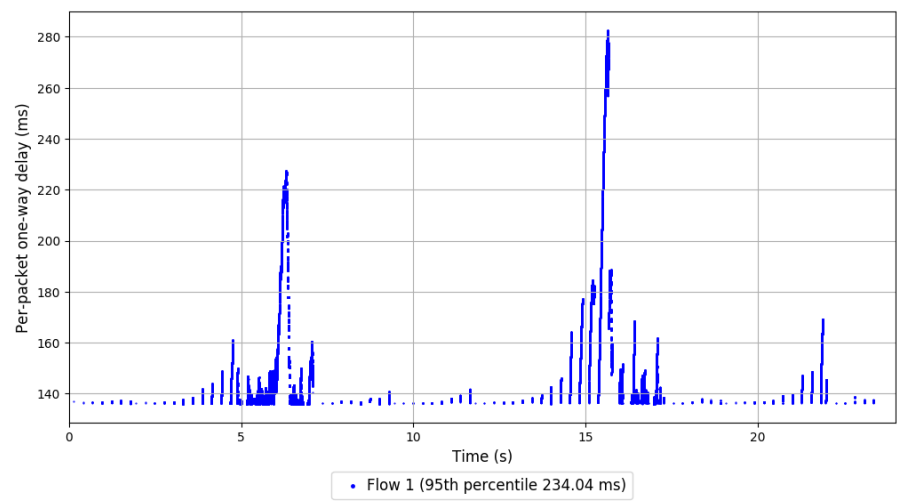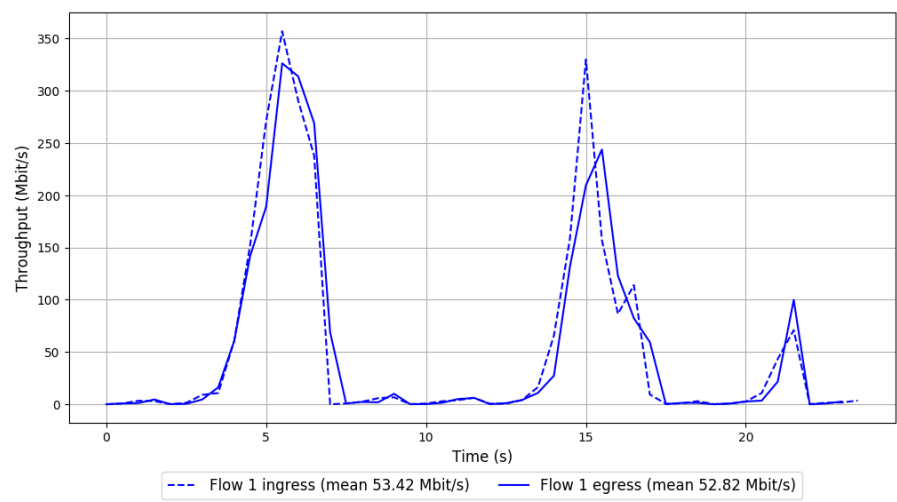
Run 7: Report of Verus — Data Link

Run 8: Statistics of Verus

Start at: 2017-09-18 09:52:46
End at: 2017-09-18 09:53:16

Run 8: Report of Verus — Data Link

```
Run 9: Statistics of Verus

Start at: 2017-09-18 10:05:07
End at: 2017-09-18 10:05:37


# Below is generated by plot.py at 2017-09-18 13:07:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.22 Mbit/s
95th percentile per-packet one-way delay: 291.448 ms
Loss rate: 10.83%
-- Flow 1:
Average throughput: 75.22 Mbit/s
95th percentile per-packet one-way delay: 291.448 ms
Loss rate: 10.83%
```
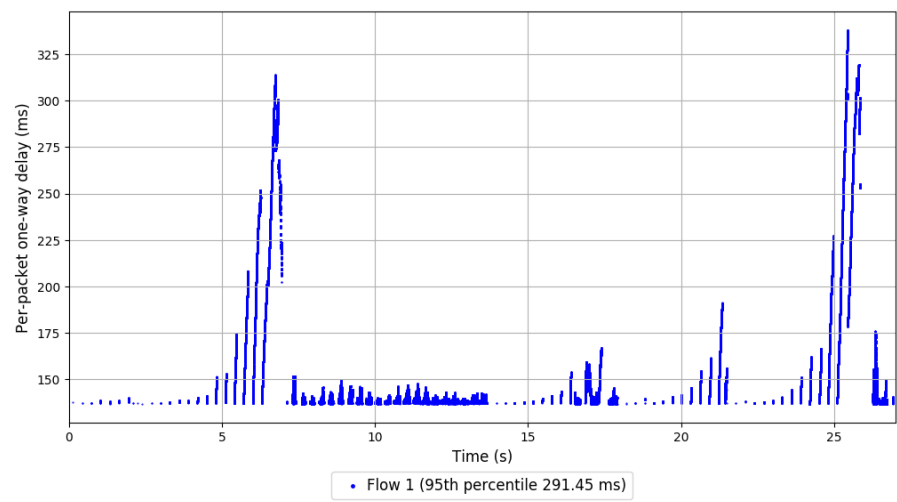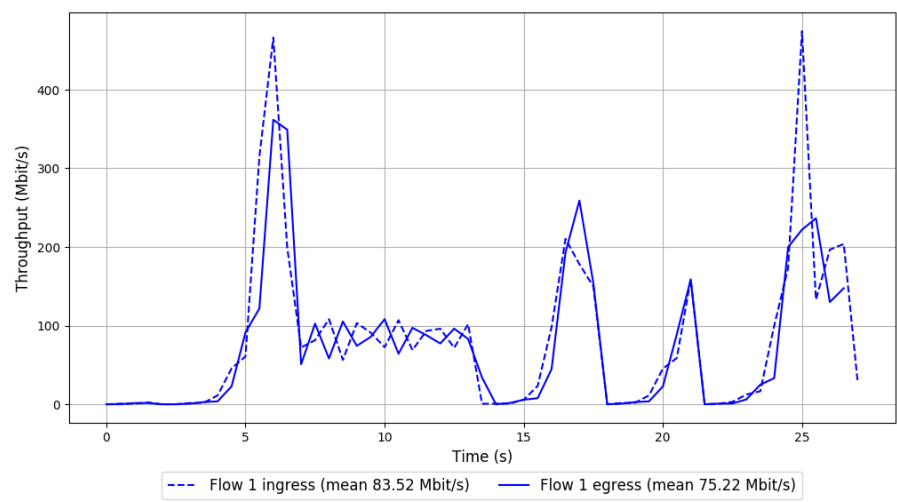
Run 9: Report of Verus — Data Link

```
Run 10: Statistics of Verus

Start at: 2017-09-18 10:17:09
End at: 2017-09-18 10:17:39


# Below is generated by plot.py at 2017-09-18 13:07:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.76 Mbit/s
95th percentile per-packet one-way delay: 247.416 ms
Loss rate: 5.22%
-- Flow 1:
Average throughput: 77.76 Mbit/s
95th percentile per-packet one-way delay: 247.416 ms
Loss rate: 5.22%
```
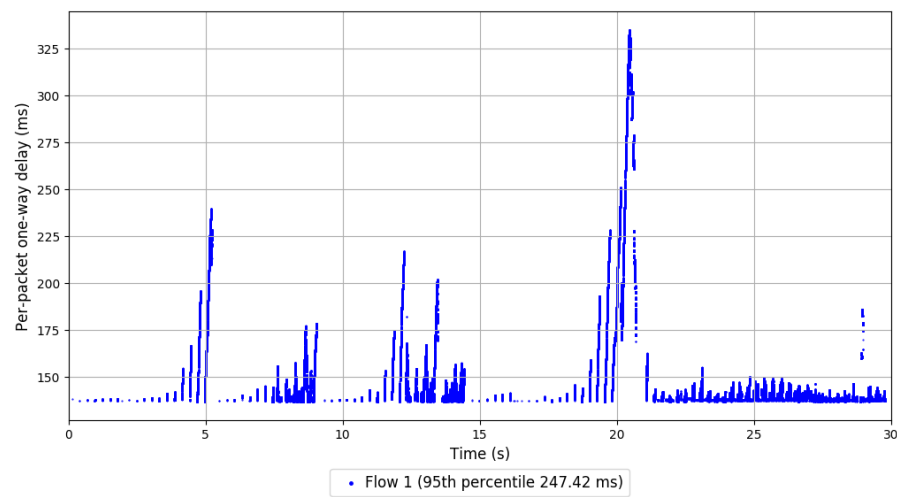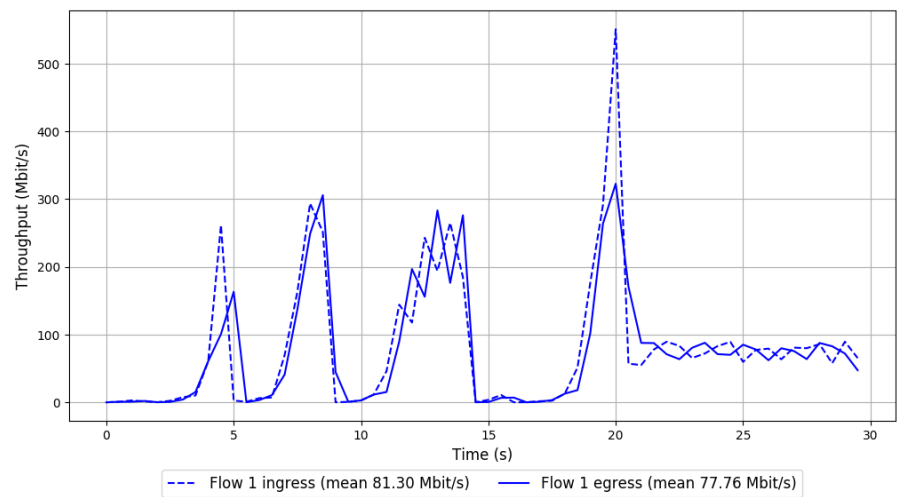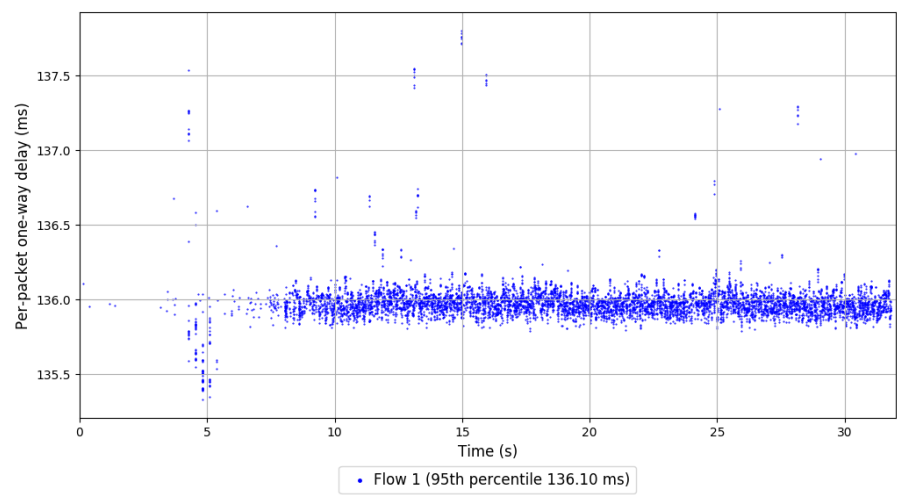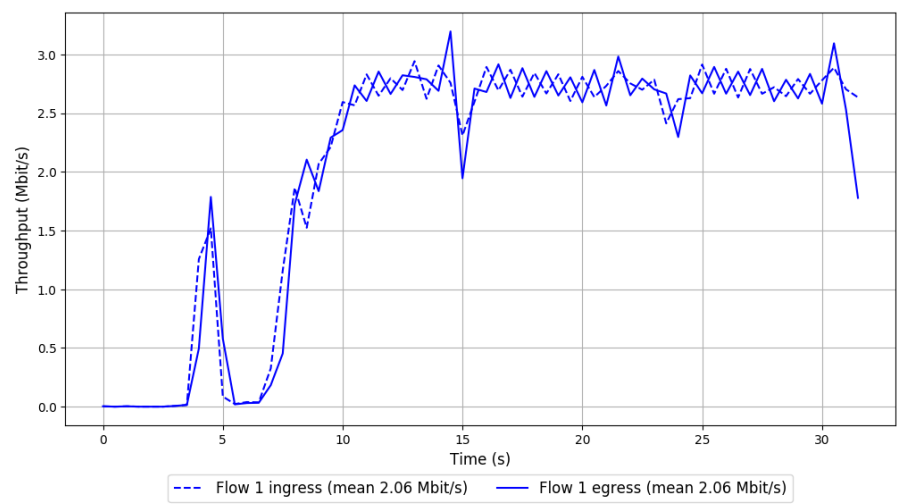
Run 10: Report of Verus — Data Link

```
Run 1: Statistics of WebRTC media

Start at: 2017-09-18 08:22:48
End at: 2017-09-18 08:23:18

# Below is generated by plot.py at 2017-09-18 13:07:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.06 Mbit/s
95th percentile per-packet one-way delay: 136.098 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 2.06 Mbit/s
95th percentile per-packet one-way delay: 136.098 ms
Loss rate: 1.26%
```

Run 1: Report of WebRTC media — Data Link

```
Run 2: Statistics of WebRTC media

Start at: 2017-09-18 08:34:48
End at: 2017-09-18 08:35:18

# Below is generated by plot.py at 2017-09-18 13:07:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.08 Mbit/s
95th percentile per-packet one-way delay: 137.070 ms
Loss rate: 1.34%
-- Flow 1:
Average throughput: 2.08 Mbit/s
95th percentile per-packet one-way delay: 137.070 ms
Loss rate: 1.34%
```
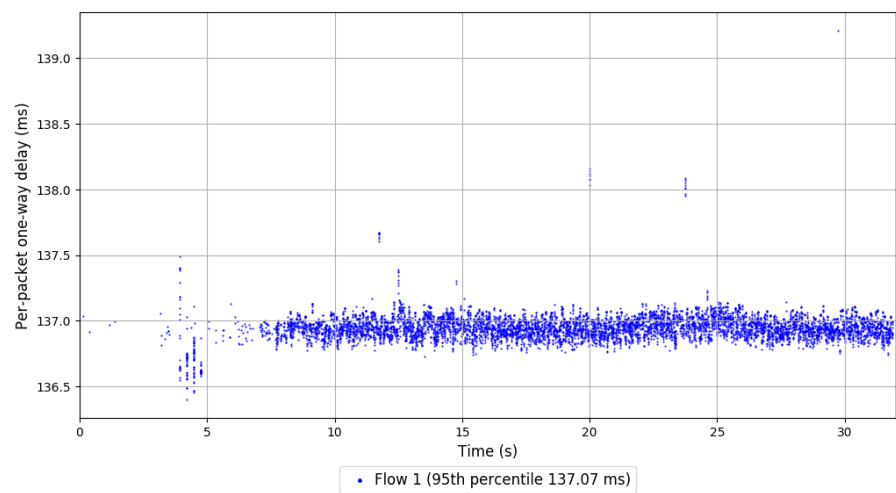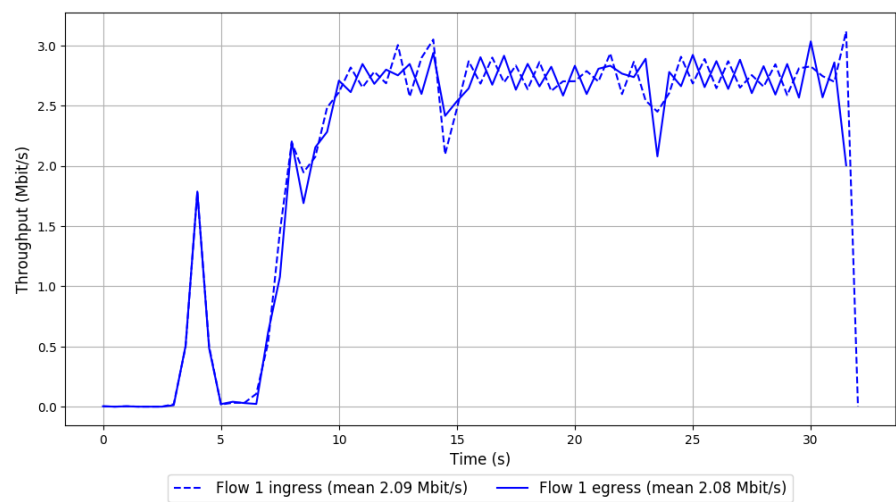
Run 2: Report of WebRTC media — Data Link

```
Run 3: Statistics of WebRTC media

Start at: 2017-09-18 08:46:59
End at: 2017-09-18 08:47:29

# Below is generated by plot.py at 2017-09-18 13:07:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 137.004 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 137.004 ms
Loss rate: 1.15%
```
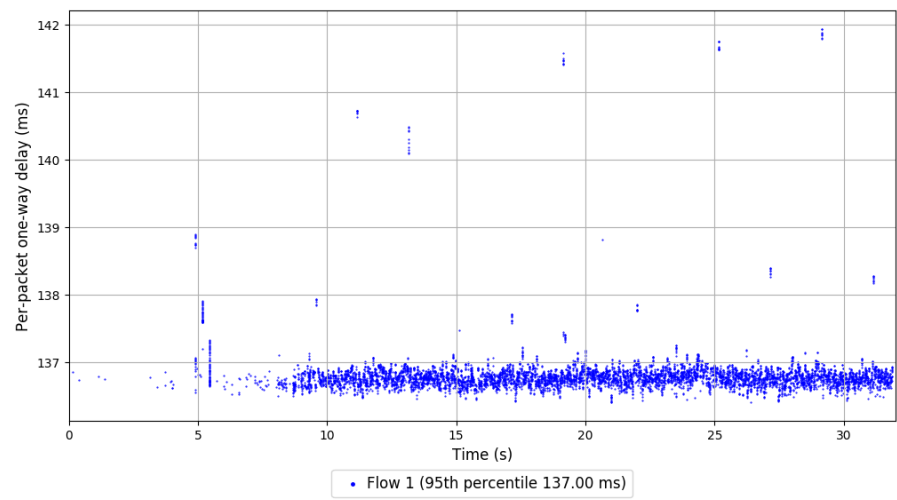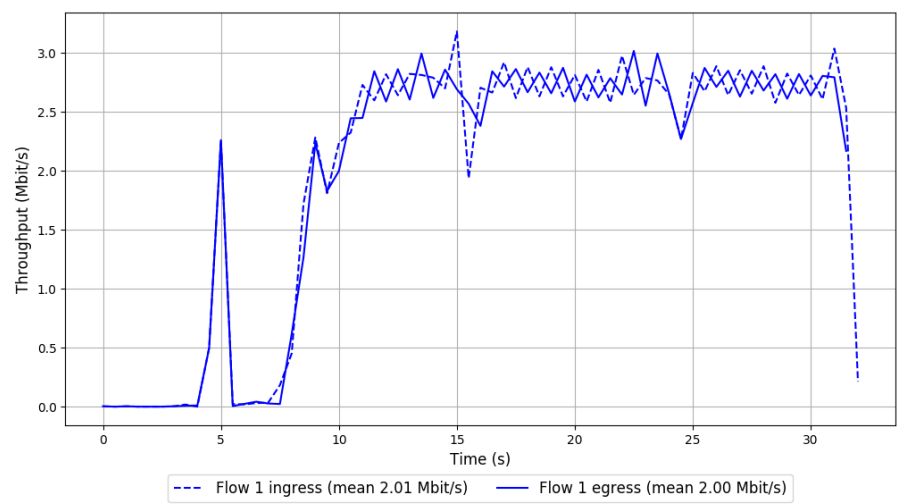
Run 3: Report of WebRTC media — Data Link

Flow 1 ingress (mean 2.01 Mbit/s) Flow 1 egress (mean 2.00 Mbit/s)

Flow 1 (95th percentile 137.00 ms)

```
Run 4: Statistics of WebRTC media

Start at: 2017-09-18 08:59:02
End at: 2017-09-18 08:59:32

# Below is generated by plot.py at 2017-09-18 13:07:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.66 Mbit/s
95th percentile per-packet one-way delay: 137.009 ms
Loss rate: 1.47%
-- Flow 1:
Average throughput: 1.66 Mbit/s
95th percentile per-packet one-way delay: 137.009 ms
Loss rate: 1.47%
```
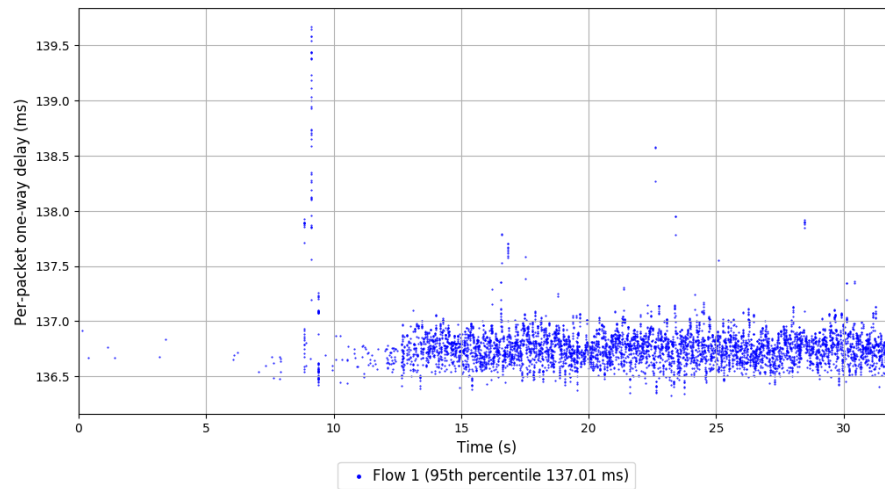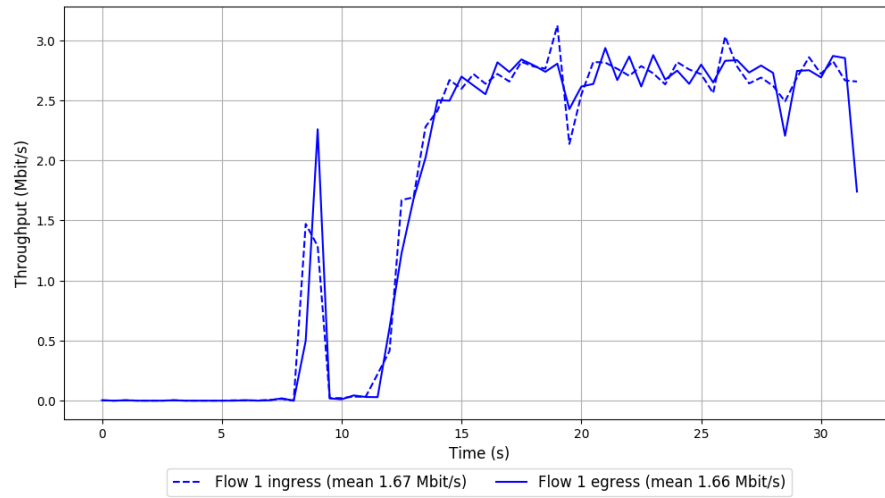
Run 4: Report of WebRTC media — Data Link

Flow 1 ingress (mean 1.67 Mbit/s)   Flow 1 egress (mean 1.66 Mbit/s)

Flow 1 (95th percentile 137.01 ms)

```
Run 5: Statistics of WebRTC media

Start at: 2017-09-18 09:11:22
End at: 2017-09-18 09:11:52

# Below is generated by plot.py at 2017-09-18 13:07:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.02 Mbit/s
95th percentile per-packet one-way delay: 136.922 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 2.02 Mbit/s
95th percentile per-packet one-way delay: 136.922 ms
Loss rate: 1.18%
```
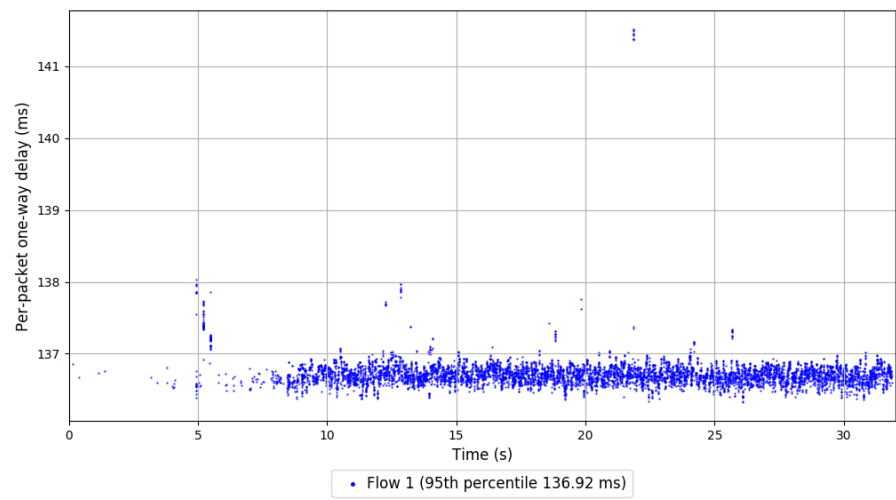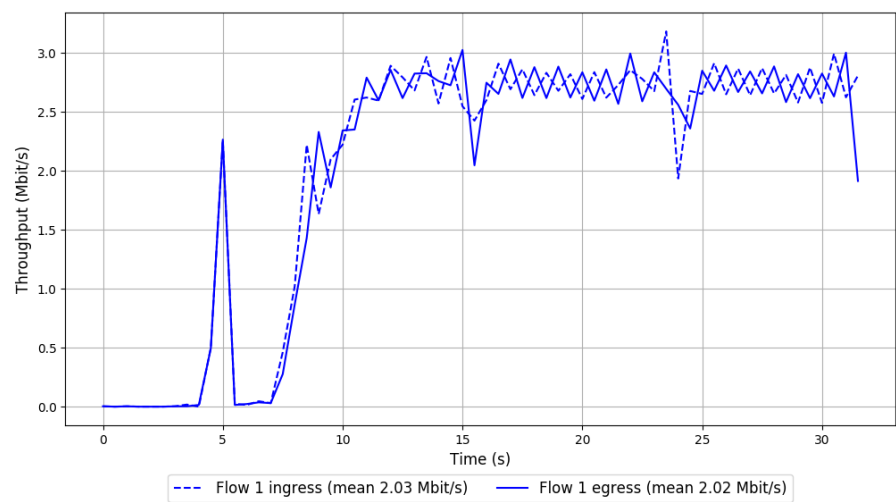
Run 5: Report of WebRTC media — Data Link

Flow 1 ingress (mean 2.03 Mbit/s)   Flow 1 egress (mean 2.02 Mbit/s)

Flow 1 (95th percentile 136.92 ms)

```
Run 6: Statistics of WebRTC media

Start at: 2017-09-18 09:23:46
End at: 2017-09-18 09:24:16

# Below is generated by plot.py at 2017-09-18 13:07:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 137.550 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 137.550 ms
Loss rate: 1.15%
```
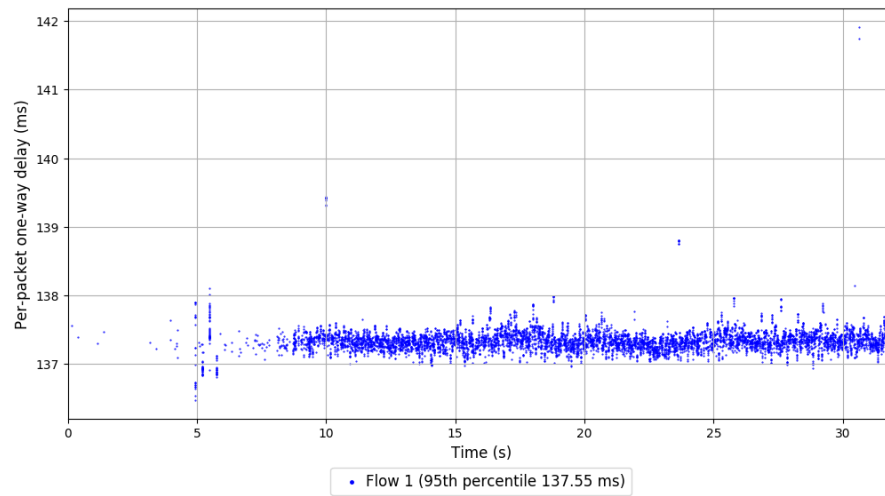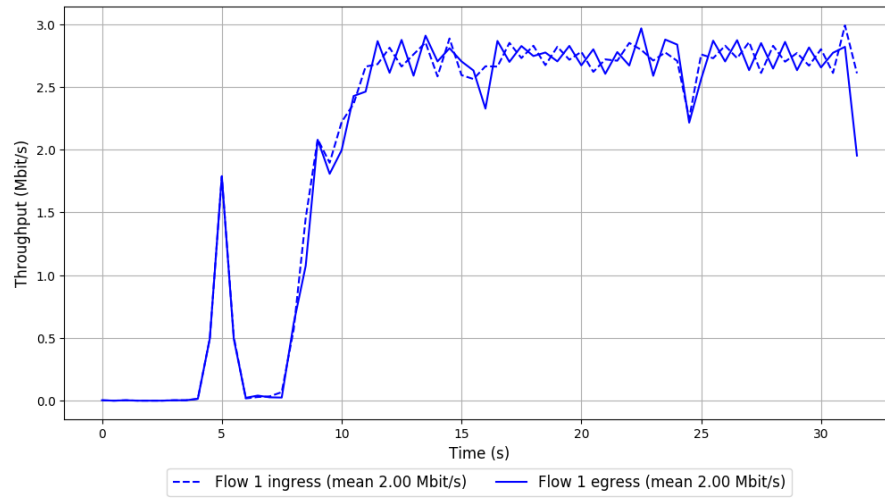
Run 6: Report of WebRTC media — Data Link

```
Run 7: Statistics of WebRTC media

Start at: 2017-09-18 09:36:20
End at: 2017-09-18 09:36:50

# Below is generated by plot.py at 2017-09-18 13:07:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.97 Mbit/s
95th percentile per-packet one-way delay: 136.928 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 1.97 Mbit/s
95th percentile per-packet one-way delay: 136.928 ms
Loss rate: 1.20%
```
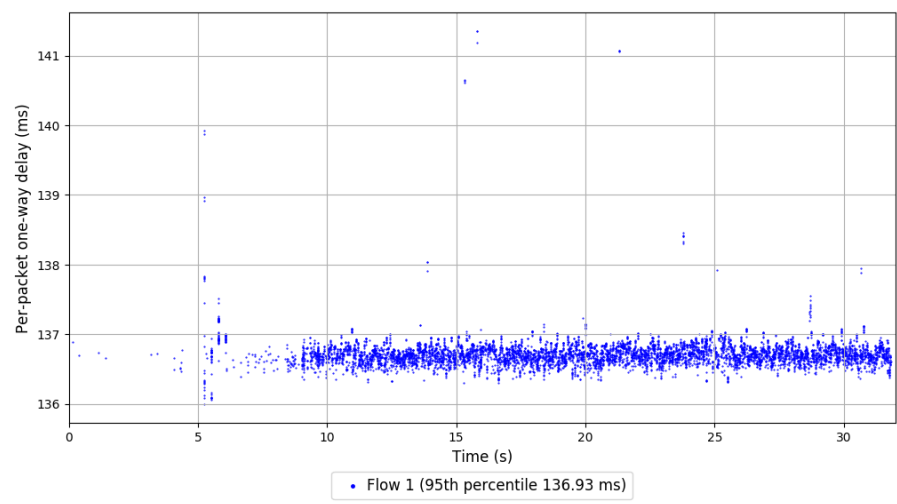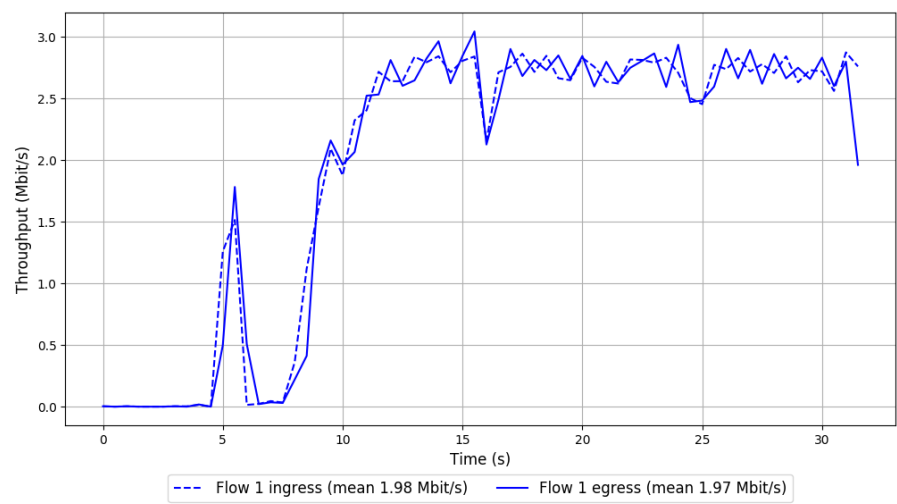
Run 7: Report of WebRTC media — Data Link

```
Run 8: Statistics of WebRTC media

Start at: 2017-09-18 09:48:23
End at: 2017-09-18 09:48:53

# Below is generated by plot.py at 2017-09-18 13:07:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.03 Mbit/s
95th percentile per-packet one-way delay: 137.340 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 2.03 Mbit/s
95th percentile per-packet one-way delay: 137.340 ms
Loss rate: 1.23%
```

Run 8: Report of WebRTC media — Data Link

```
Run 9: Statistics of WebRTC media

Start at: 2017-09-18 10:00:39
End at: 2017-09-18 10:01:09

# Below is generated by plot.py at 2017-09-18 13:07:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.01 Mbit/s
95th percentile per-packet one-way delay: 137.481 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 2.01 Mbit/s
95th percentile per-packet one-way delay: 137.481 ms
Loss rate: 1.18%
```
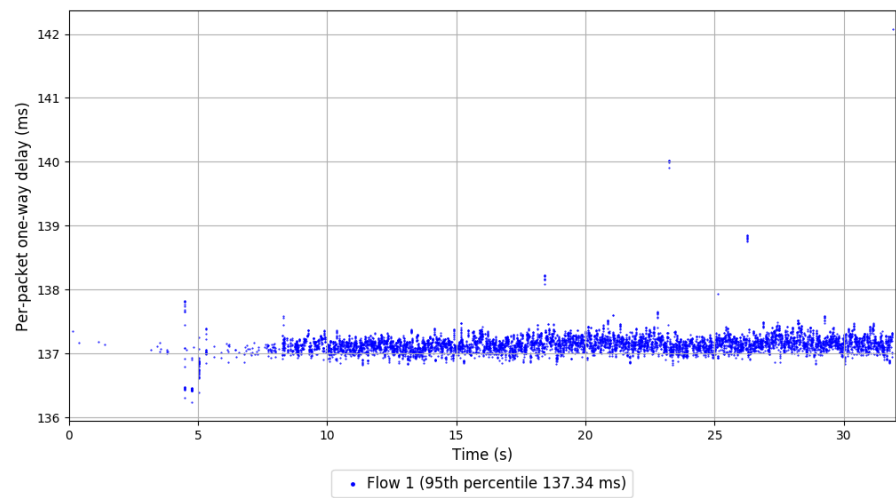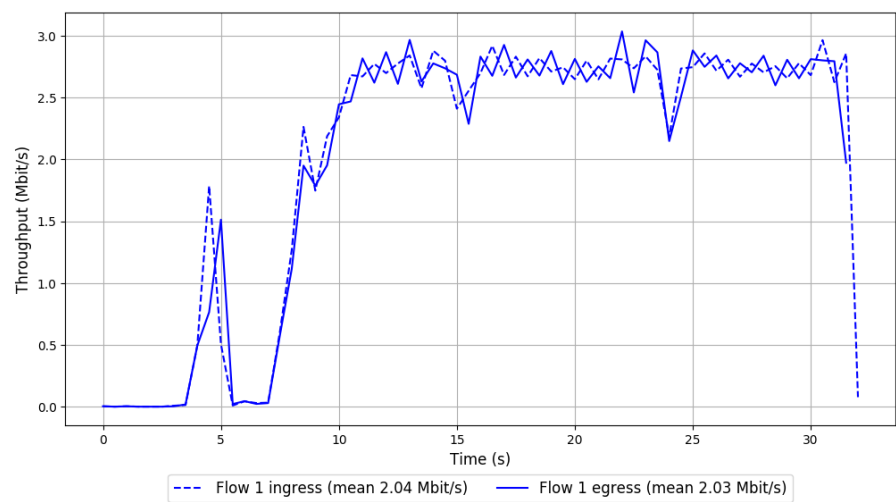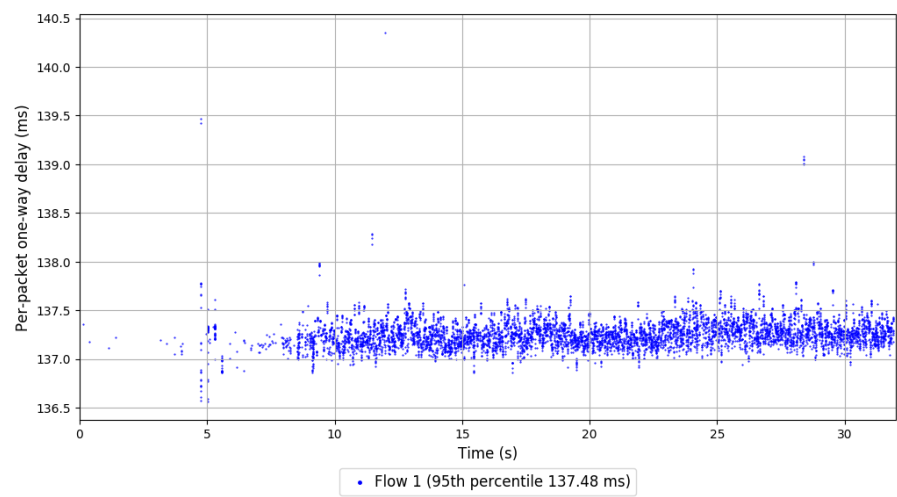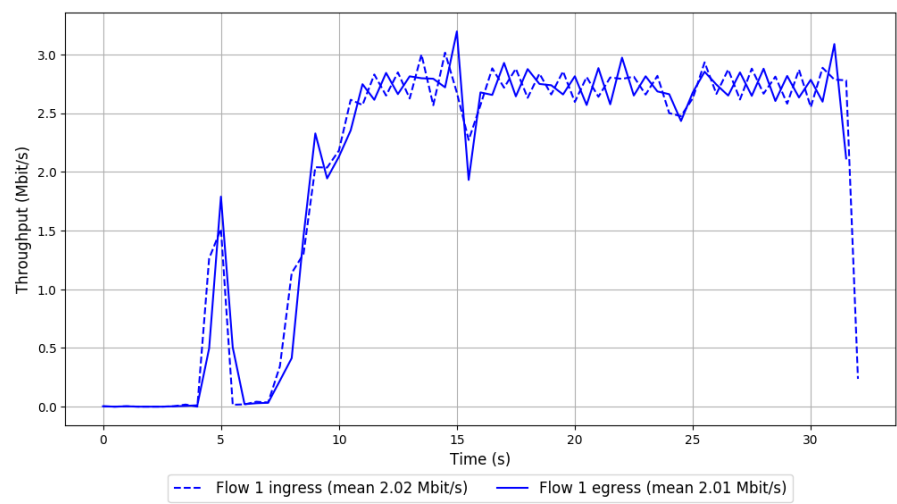
Run 9: Report of WebRTC media — Data Link

```
Run 10: Statistics of WebRTC media

Start at: 2017-09-18 10:13:01
End at: 2017-09-18 10:13:31


# Below is generated by plot.py at 2017-09-18 13:07:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.90 Mbit/s
95th percentile per-packet one-way delay: 135.794 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 1.90 Mbit/s
95th percentile per-packet one-way delay: 135.794 ms
Loss rate: 1.42%
```

Run 10: Report of WebRTC media — Data Link

Flow 1 ingress (mean 1.90 Mbit/s) — — — Flow 1 egress (mean 1.90 Mbit/s)

• Flow 1 (95th percentile 135.79 ms)