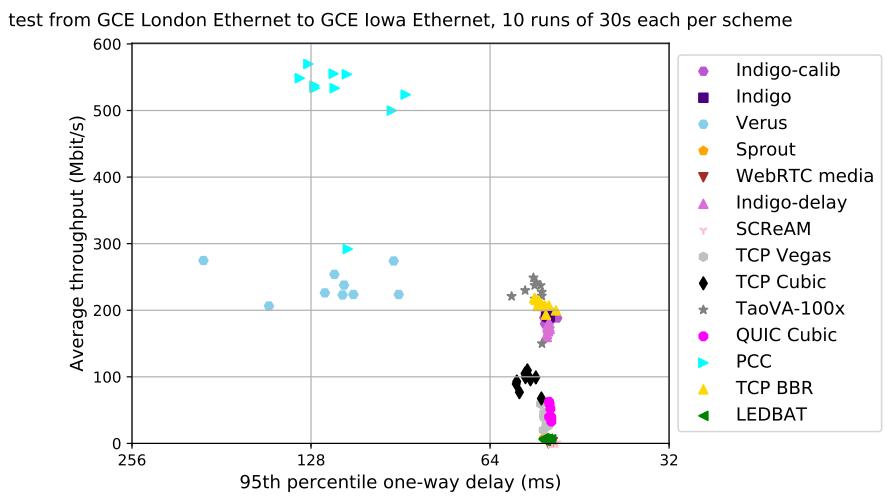
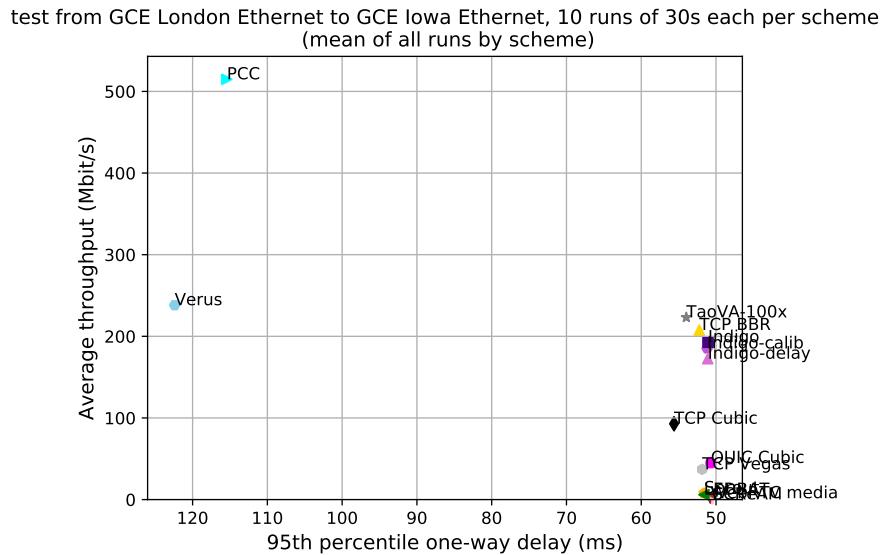


Pantheon Report

Generated at 2017-09-21 18:51:03 (UTC).
Data path: GCE London Ethernet (*remote*) → GCE Iowa Ethernet (*local*).
Repeated the test of 14 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: indigos @ 46c7c812d4acb71eea4f5fb0b03b3657cea3062f
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/indigo-cellular @ aee99e8eb842cb053f8c9a80e28cd256a930bbc2
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/indigo-no-cwnd @ 3e58442c04028a11d7b02456e137604633ba2d6c
third_party/indigo-no-delivery-rate @ 57caa40858b964906edff4876d5a7e5bfff666c5
third_party/indigo-no-queuing-delay @ 03455460fd1a8ffbdad86fabb936fdca204b80db
third_party/indigo-no-send-rate @ b39dfa6b2c5f19cb7cd89626cb4f5bb81f9fecda
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179aab4a906ce6bb7cf3cf
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 @ f1a14bf7e749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efef6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	207.73	52.23	0.39
TCP Cubic	9	92.90	55.62	0.25
LEDBAT	10	5.96	51.62	0.77
PCC	10	514.83	115.42	1.35
QUIC Cubic	9	44.91	50.69	0.60
SCReAM	9	0.22	50.47	0.38
WebRTC media	7	1.72	50.75	0.39
Sprout	10	7.92	51.60	0.47
TaoVA-100x	10	223.20	53.97	0.39
TCP Vegas	7	37.05	51.85	0.29
Verus	9	238.13	122.40	2.52
Indigo	10	192.82	51.07	0.35
Indigo-calib	10	185.17	51.19	0.33
Indigo-delay	10	172.57	51.11	0.36

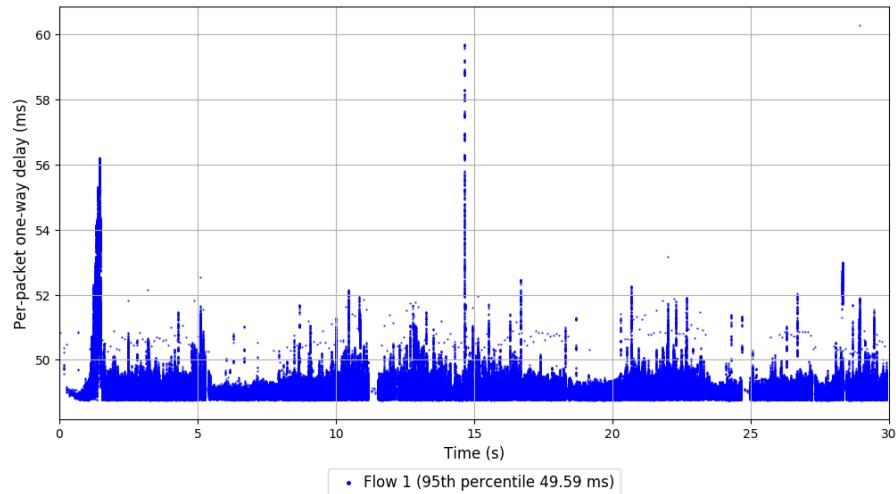
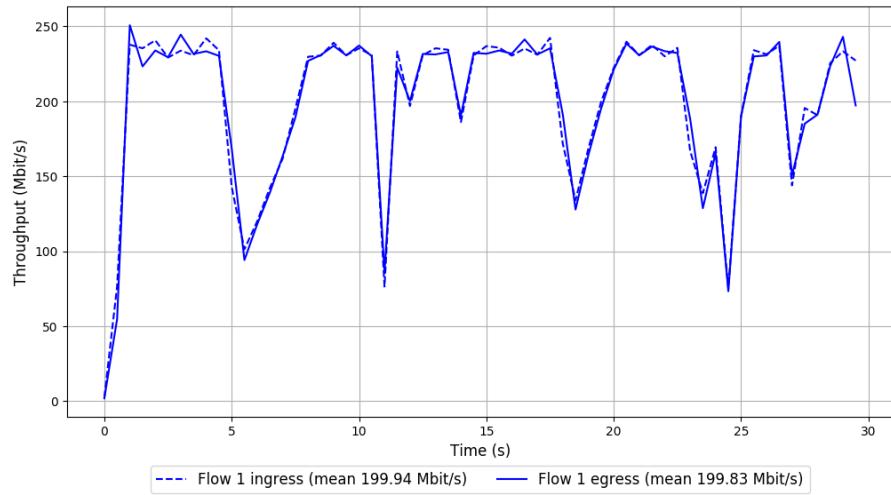
Run 1: Statistics of TCP BBR

Start at: 2017-09-21 14:31:37

End at: 2017-09-21 14:32:07

```
# Below is generated by plot.py at 2017-09-21 18:03:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 199.83 Mbit/s
95th percentile per-packet one-way delay: 49.586 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 199.83 Mbit/s
95th percentile per-packet one-way delay: 49.586 ms
Loss rate: 0.40%
```

Run 1: Report of TCP BBR — Data Link



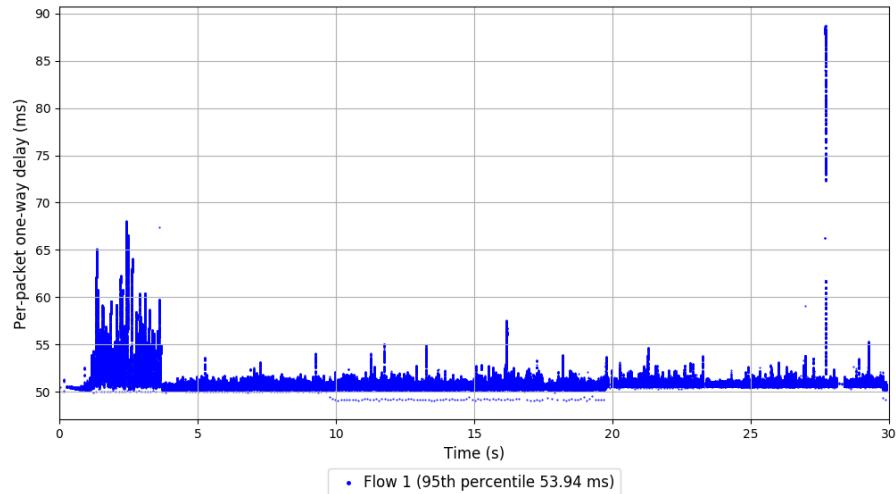
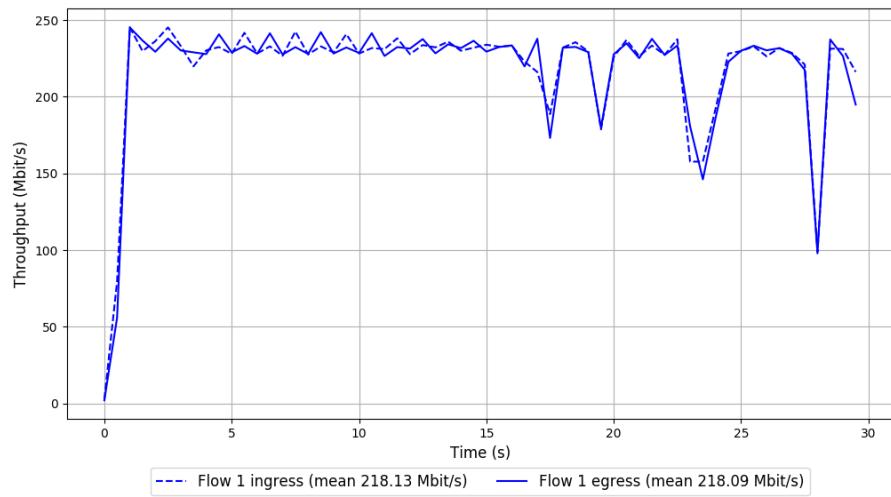
Run 2: Statistics of TCP BBR

Start at: 2017-09-21 14:42:04

End at: 2017-09-21 14:42:34

```
# Below is generated by plot.py at 2017-09-21 18:03:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 218.09 Mbit/s
95th percentile per-packet one-way delay: 53.938 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 218.09 Mbit/s
95th percentile per-packet one-way delay: 53.938 ms
Loss rate: 0.35%
```

Run 2: Report of TCP BBR — Data Link



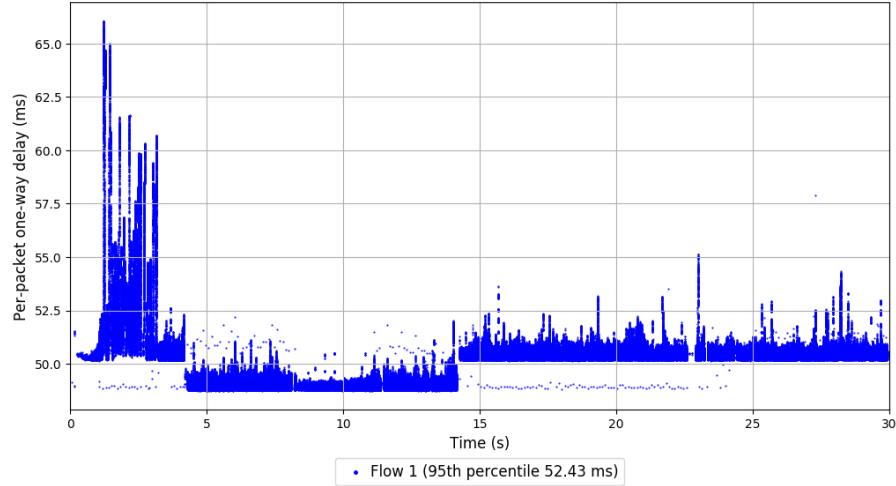
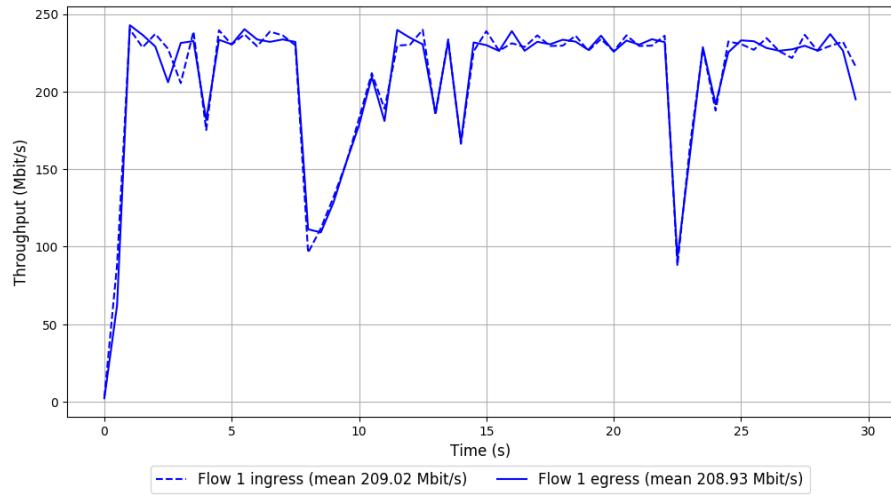
Run 3: Statistics of TCP BBR

Start at: 2017-09-21 14:52:50

End at: 2017-09-21 14:53:20

```
# Below is generated by plot.py at 2017-09-21 18:03:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 208.93 Mbit/s
95th percentile per-packet one-way delay: 52.427 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 208.93 Mbit/s
95th percentile per-packet one-way delay: 52.427 ms
Loss rate: 0.37%
```

Run 3: Report of TCP BBR — Data Link



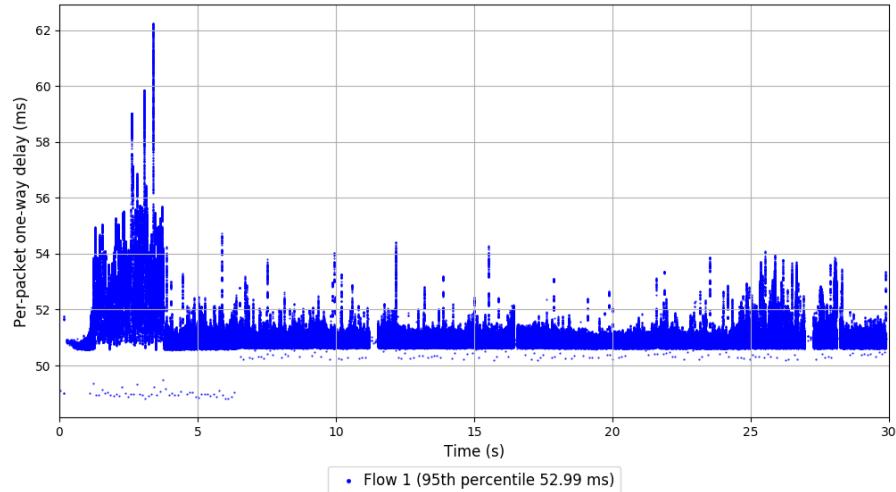
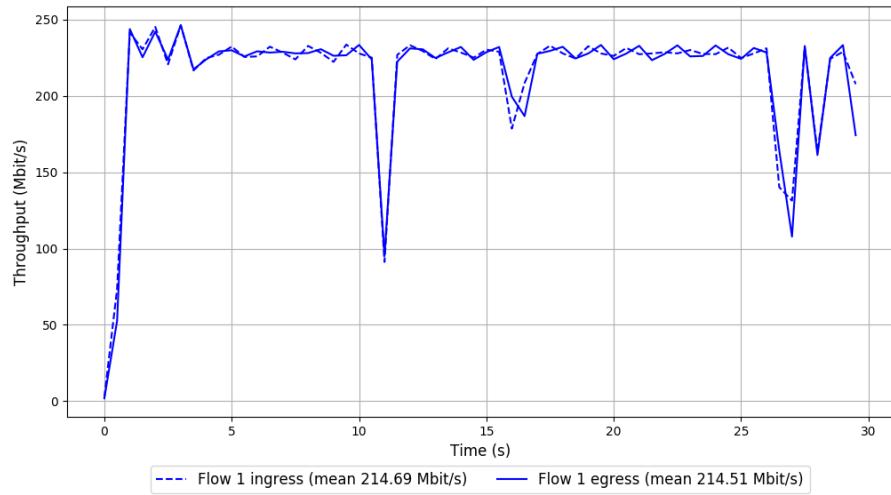
Run 4: Statistics of TCP BBR

Start at: 2017-09-21 15:03:28

End at: 2017-09-21 15:03:58

```
# Below is generated by plot.py at 2017-09-21 18:03:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 214.51 Mbit/s
95th percentile per-packet one-way delay: 52.987 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 214.51 Mbit/s
95th percentile per-packet one-way delay: 52.987 ms
Loss rate: 0.42%
```

Run 4: Report of TCP BBR — Data Link



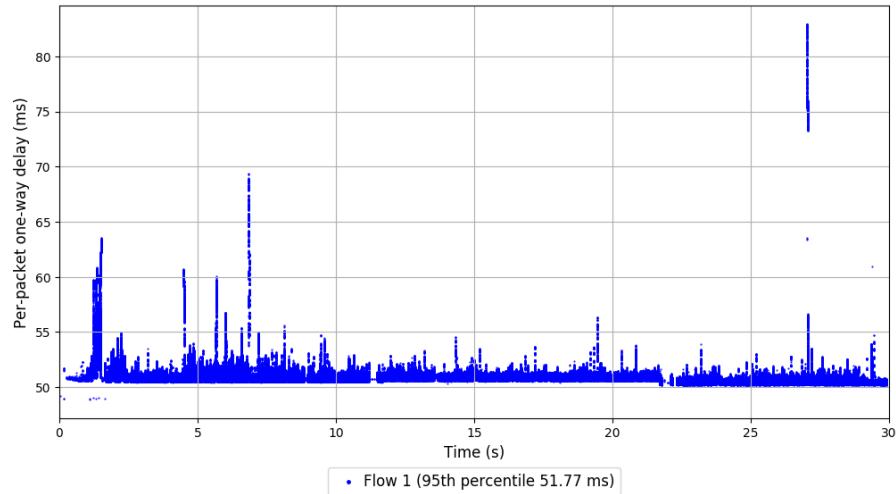
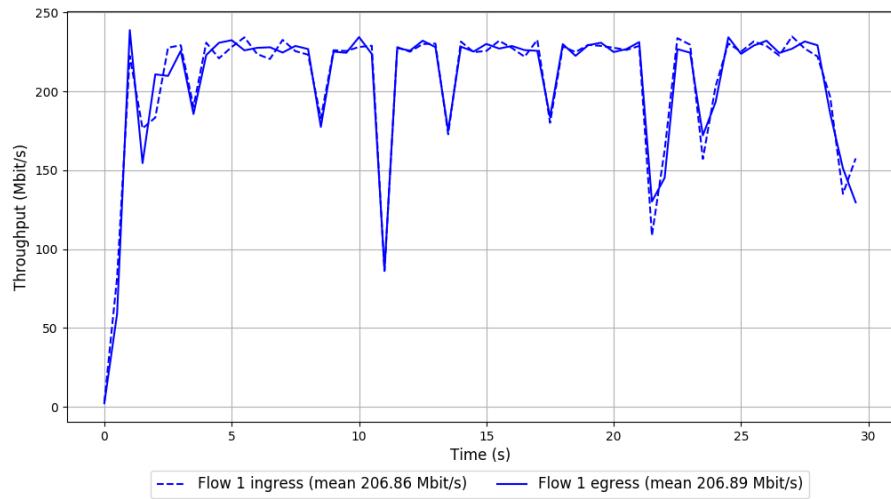
Run 5: Statistics of TCP BBR

Start at: 2017-09-21 15:14:12

End at: 2017-09-21 15:14:42

```
# Below is generated by plot.py at 2017-09-21 18:03:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 206.89 Mbit/s
95th percentile per-packet one-way delay: 51.770 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 206.89 Mbit/s
95th percentile per-packet one-way delay: 51.770 ms
Loss rate: 0.32%
```

Run 5: Report of TCP BBR — Data Link



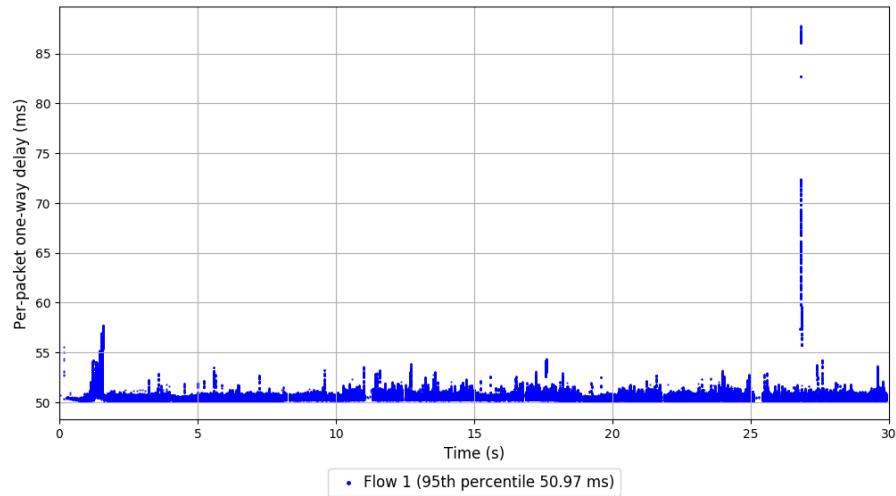
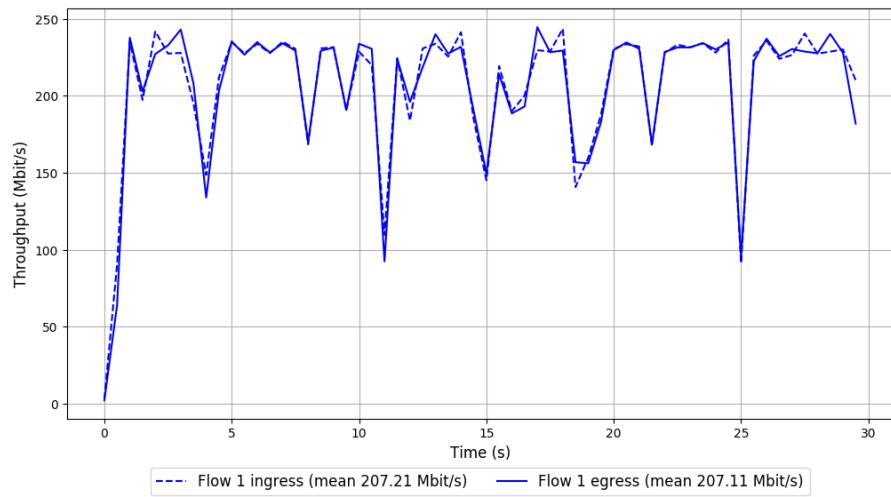
Run 6: Statistics of TCP BBR

Start at: 2017-09-21 15:24:36

End at: 2017-09-21 15:25:06

```
# Below is generated by plot.py at 2017-09-21 18:03:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 207.11 Mbit/s
95th percentile per-packet one-way delay: 50.972 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 207.11 Mbit/s
95th percentile per-packet one-way delay: 50.972 ms
Loss rate: 0.39%
```

Run 6: Report of TCP BBR — Data Link



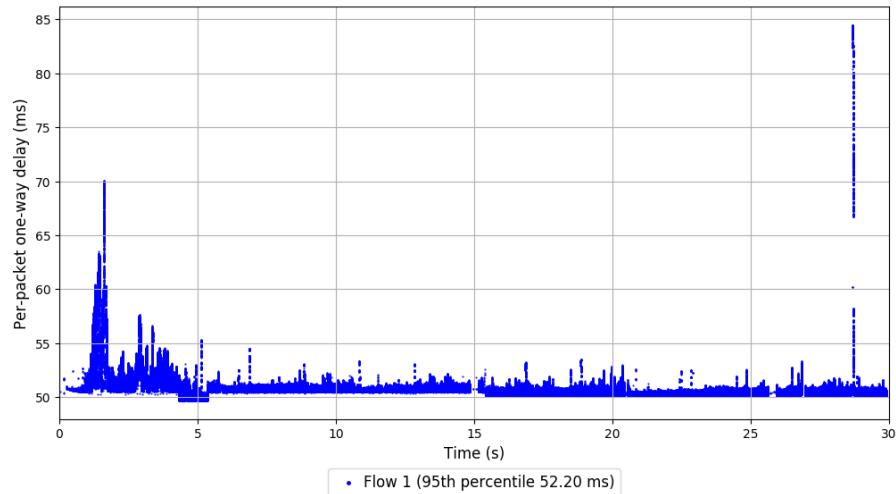
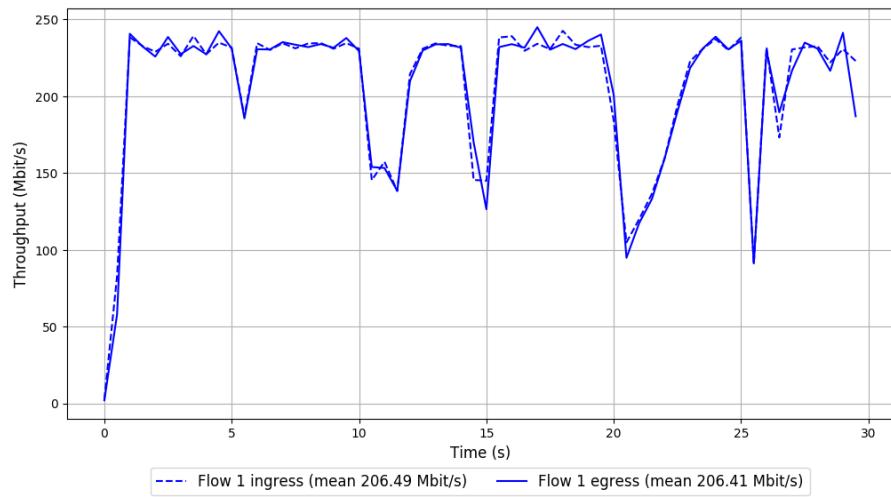
Run 7: Statistics of TCP BBR

Start at: 2017-09-21 15:35:19

End at: 2017-09-21 15:35:49

```
# Below is generated by plot.py at 2017-09-21 18:03:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 206.41 Mbit/s
95th percentile per-packet one-way delay: 52.197 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 206.41 Mbit/s
95th percentile per-packet one-way delay: 52.197 ms
Loss rate: 0.44%
```

Run 7: Report of TCP BBR — Data Link



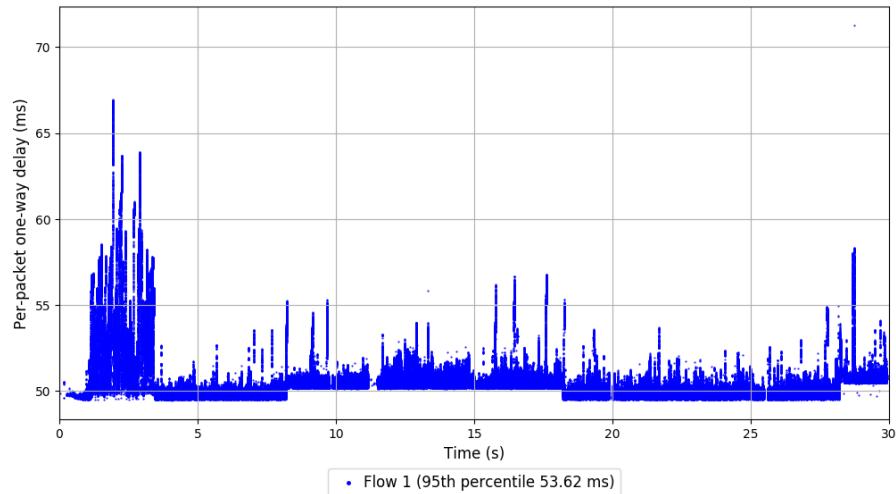
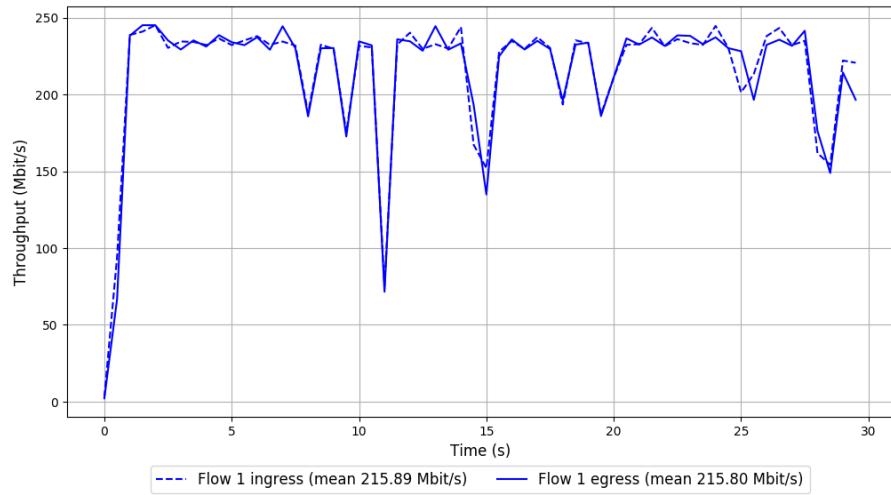
Run 8: Statistics of TCP BBR

Start at: 2017-09-21 15:45:56

End at: 2017-09-21 15:46:26

```
# Below is generated by plot.py at 2017-09-21 18:03:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 215.80 Mbit/s
95th percentile per-packet one-way delay: 53.623 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 215.80 Mbit/s
95th percentile per-packet one-way delay: 53.623 ms
Loss rate: 0.37%
```

Run 8: Report of TCP BBR — Data Link



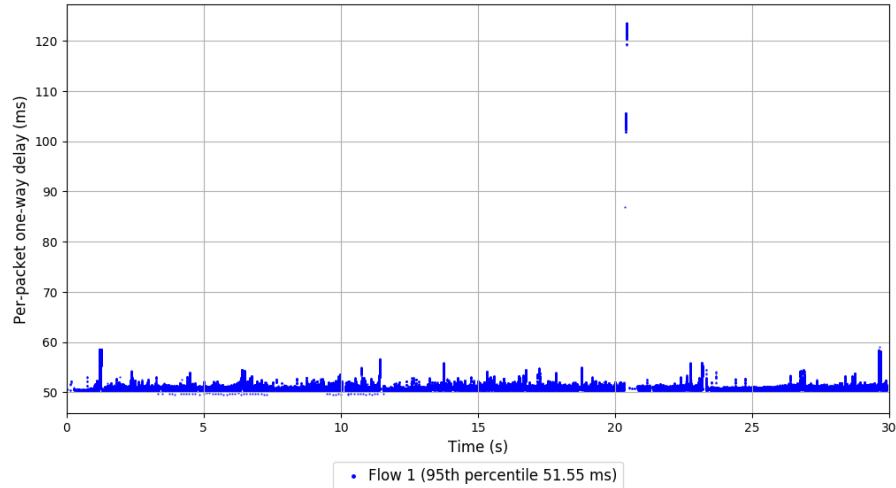
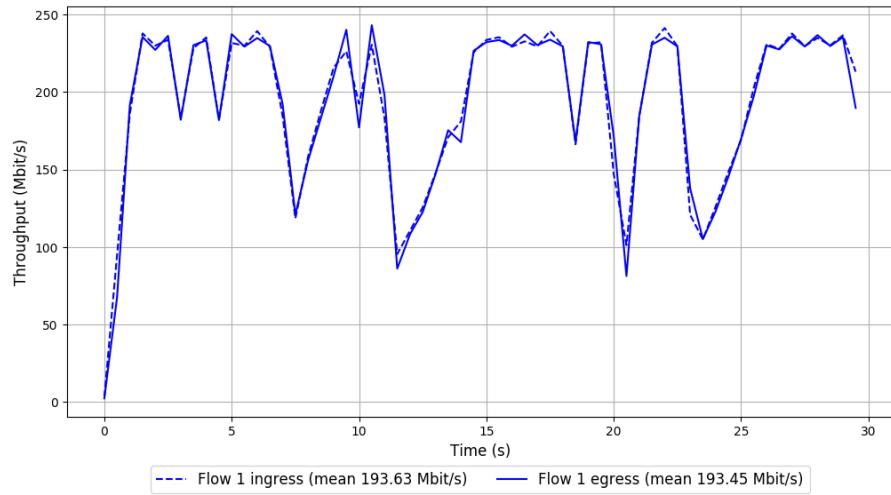
Run 9: Statistics of TCP BBR

Start at: 2017-09-21 15:56:41

End at: 2017-09-21 15:57:11

```
# Below is generated by plot.py at 2017-09-21 18:07:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 193.45 Mbit/s
95th percentile per-packet one-way delay: 51.553 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 193.45 Mbit/s
95th percentile per-packet one-way delay: 51.553 ms
Loss rate: 0.43%
```

Run 9: Report of TCP BBR — Data Link



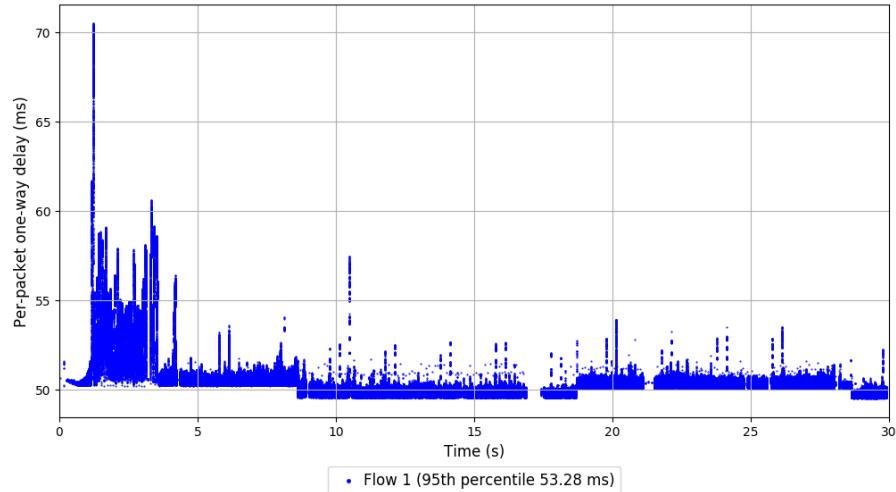
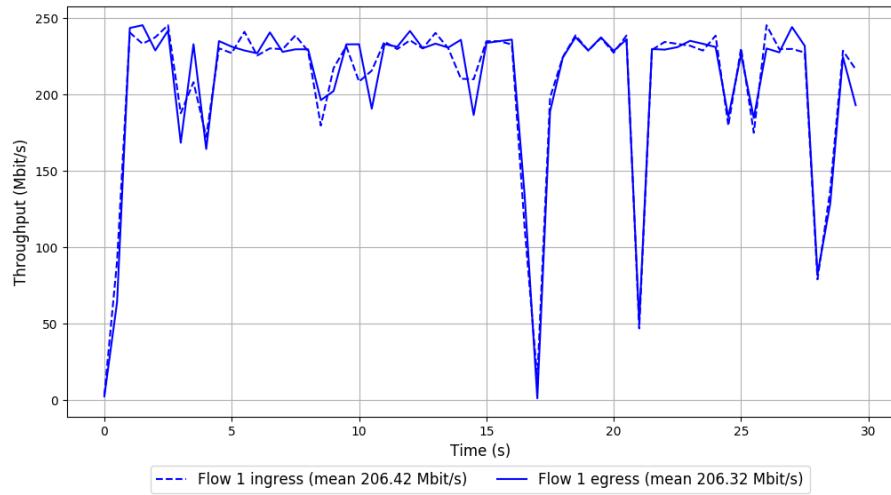
Run 10: Statistics of TCP BBR

Start at: 2017-09-21 16:07:25

End at: 2017-09-21 16:07:55

```
# Below is generated by plot.py at 2017-09-21 18:07:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 206.32 Mbit/s
95th percentile per-packet one-way delay: 53.279 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 206.32 Mbit/s
95th percentile per-packet one-way delay: 53.279 ms
Loss rate: 0.39%
```

Run 10: Report of TCP BBR — Data Link



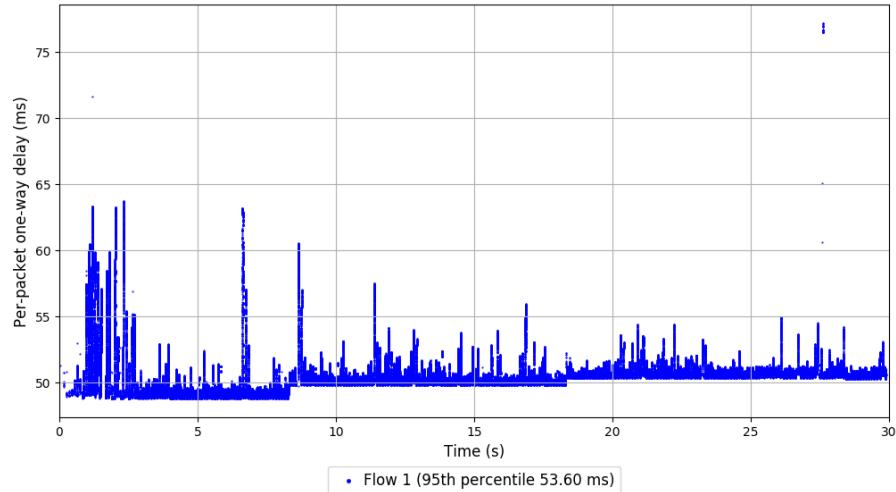
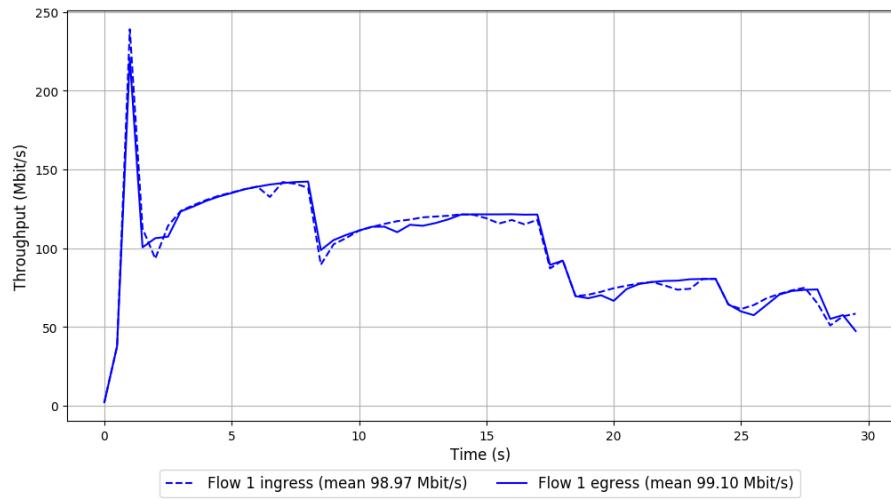
```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2017-09-21 14:25:16
```

```
End at: 2017-09-21 14:25:46
```

```
# Below is generated by plot.py at 2017-09-21 18:07:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 99.10 Mbit/s
95th percentile per-packet one-way delay: 53.605 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 99.10 Mbit/s
95th percentile per-packet one-way delay: 53.605 ms
Loss rate: 0.21%
```

Run 1: Report of TCP Cubic — Data Link



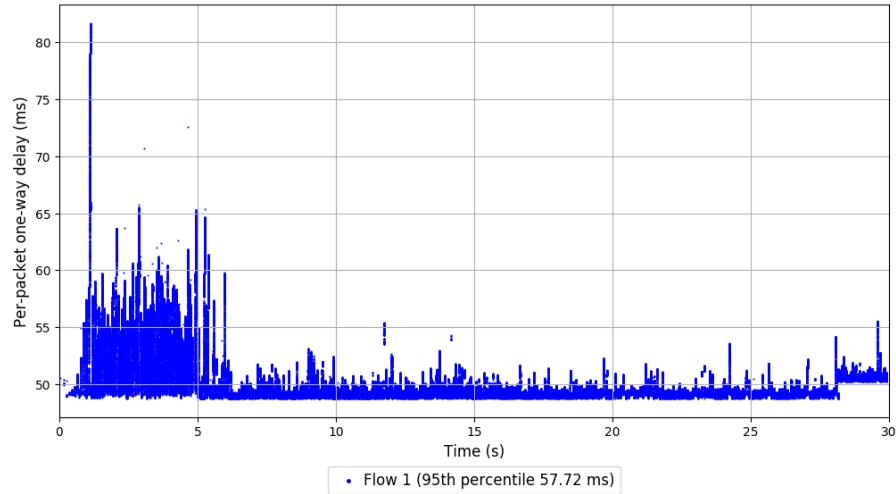
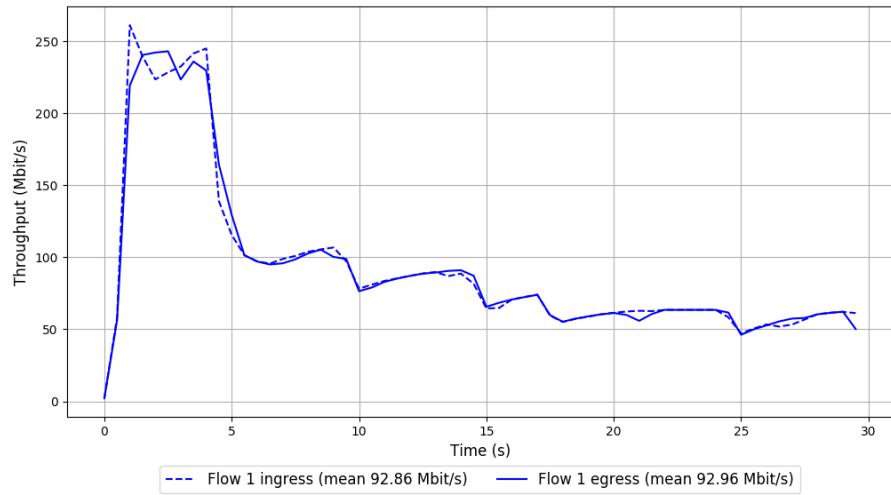
Run 2: Statistics of TCP Cubic

Start at: 2017-09-21 14:35:36

End at: 2017-09-21 14:36:06

```
# Below is generated by plot.py at 2017-09-21 18:07:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.96 Mbit/s
95th percentile per-packet one-way delay: 57.716 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 92.96 Mbit/s
95th percentile per-packet one-way delay: 57.716 ms
Loss rate: 0.24%
```

Run 2: Report of TCP Cubic — Data Link



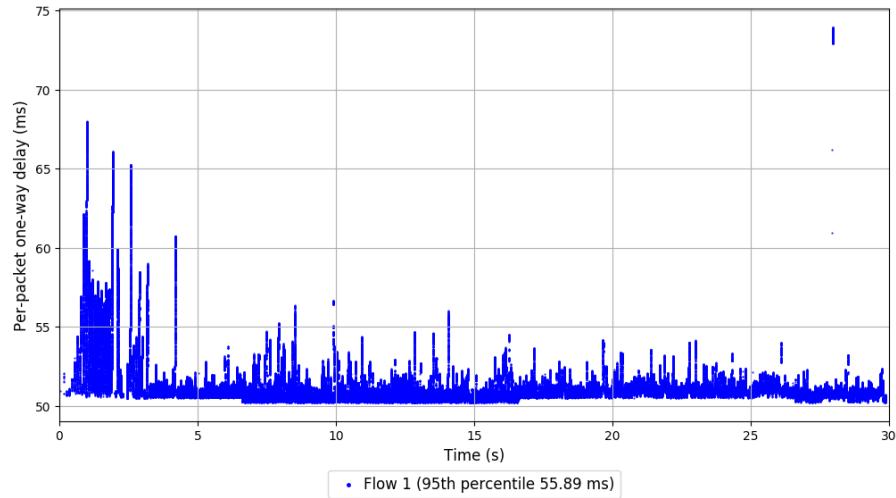
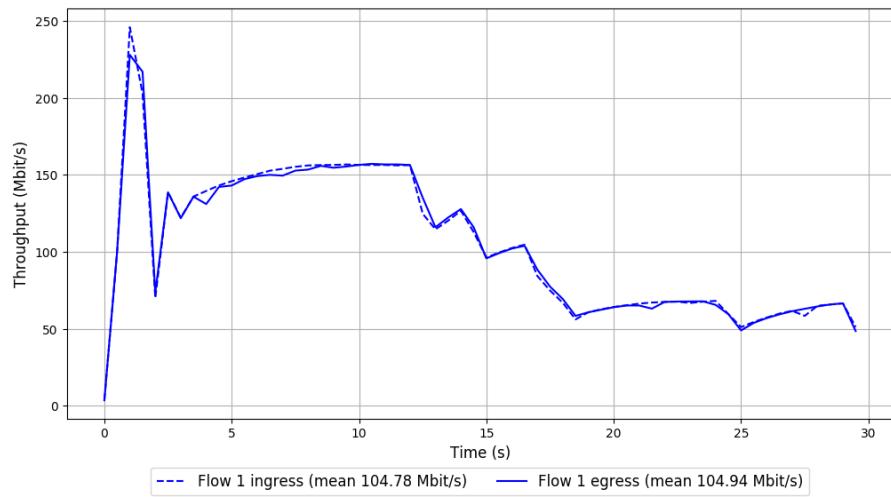
Run 3: Statistics of TCP Cubic

Start at: 2017-09-21 14:46:17

End at: 2017-09-21 14:46:47

```
# Below is generated by plot.py at 2017-09-21 18:07:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 104.94 Mbit/s
95th percentile per-packet one-way delay: 55.892 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 104.94 Mbit/s
95th percentile per-packet one-way delay: 55.892 ms
Loss rate: 0.18%
```

Run 3: Report of TCP Cubic — Data Link



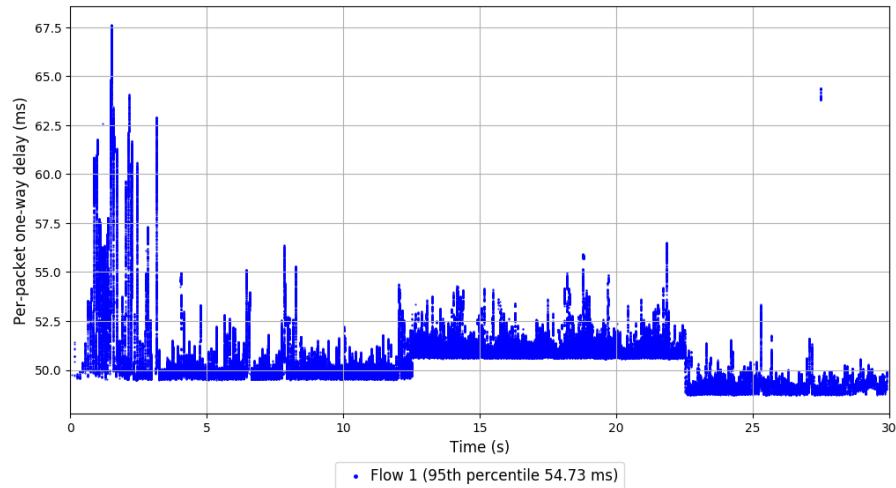
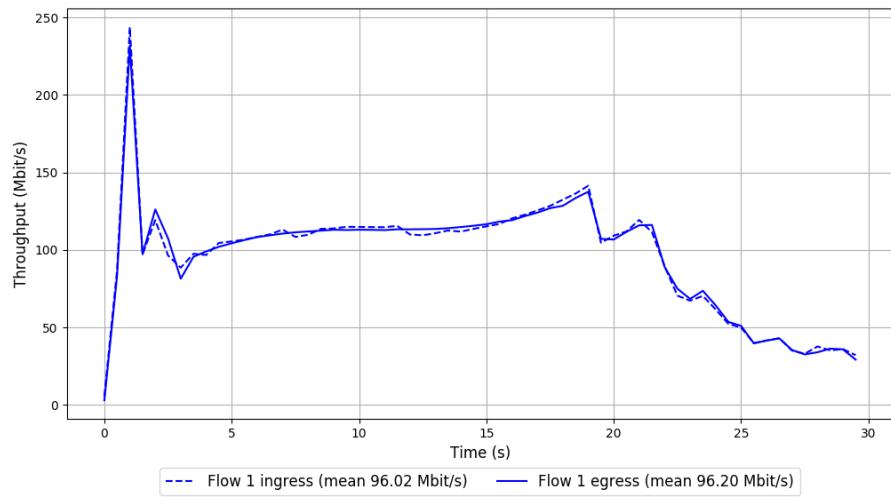
Run 4: Statistics of TCP Cubic

Start at: 2017-09-21 14:57:01

End at: 2017-09-21 14:57:31

```
# Below is generated by plot.py at 2017-09-21 18:07:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.20 Mbit/s
95th percentile per-packet one-way delay: 54.731 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 96.20 Mbit/s
95th percentile per-packet one-way delay: 54.731 ms
Loss rate: 0.15%
```

Run 4: Report of TCP Cubic — Data Link



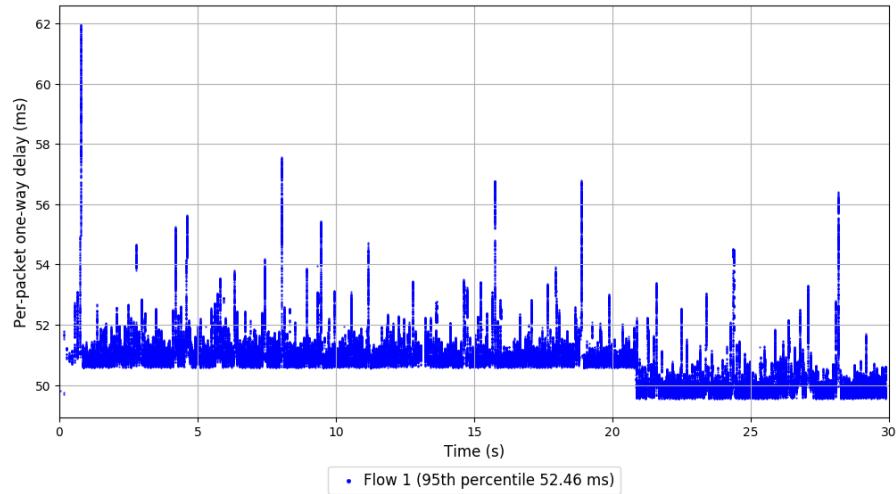
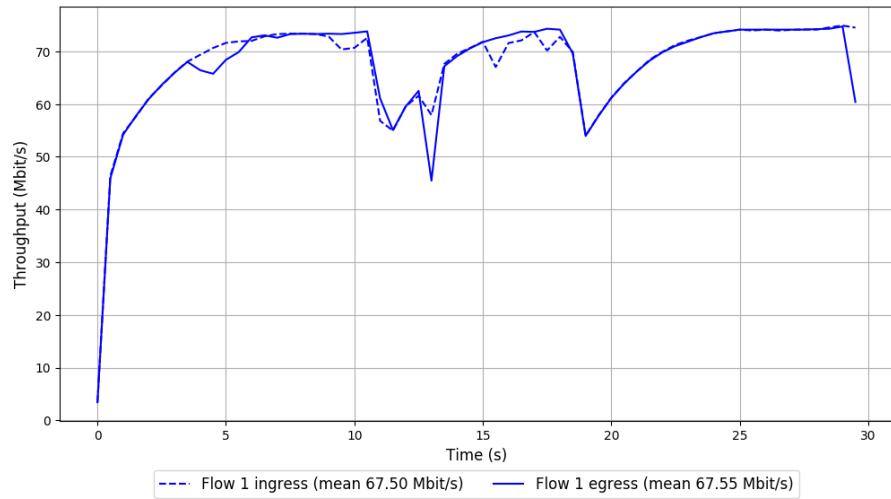
Run 5: Statistics of TCP Cubic

Start at: 2017-09-21 15:07:43

End at: 2017-09-21 15:08:13

```
# Below is generated by plot.py at 2017-09-21 18:07:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.55 Mbit/s
95th percentile per-packet one-way delay: 52.458 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 67.55 Mbit/s
95th percentile per-packet one-way delay: 52.458 ms
Loss rate: 0.38%
```

Run 5: Report of TCP Cubic — Data Link

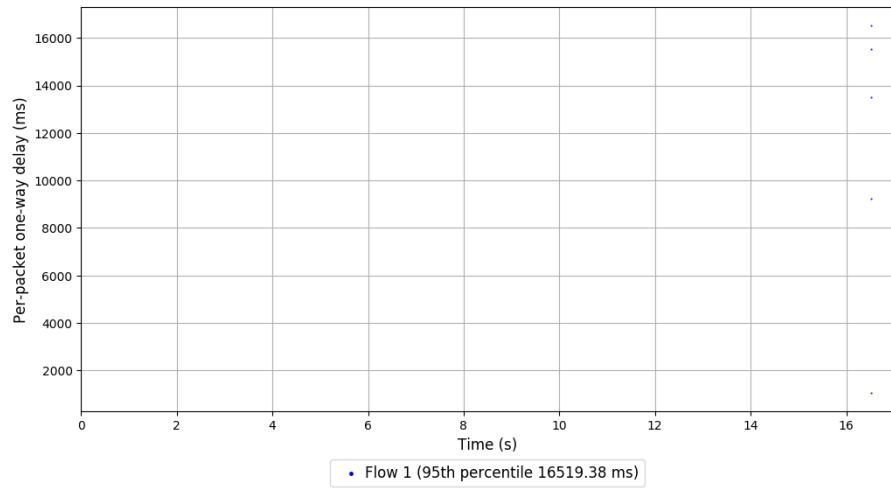
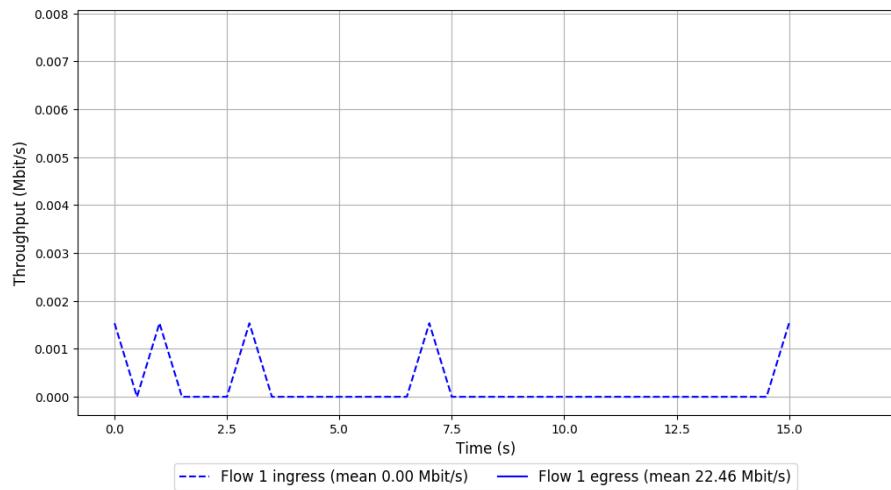


Run 6: Statistics of TCP Cubic

Start at: 2017-09-21 15:18:13

End at: 2017-09-21 15:18:43

Run 6: Report of TCP Cubic — Data Link



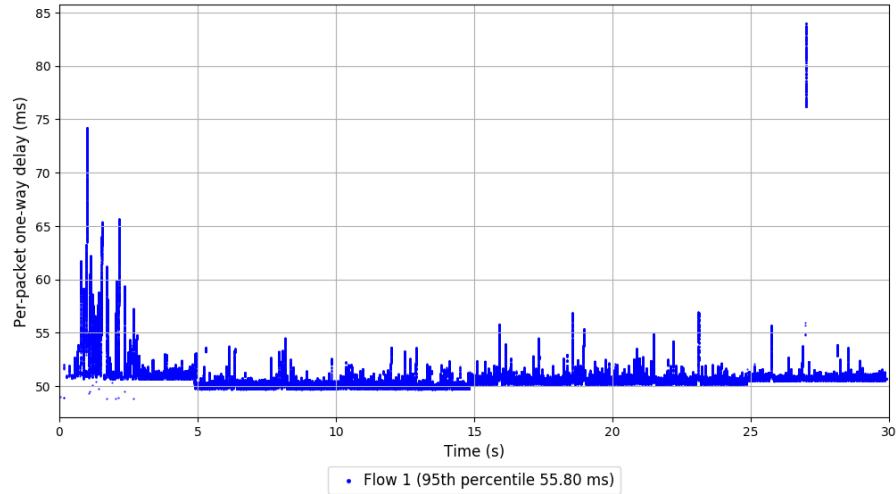
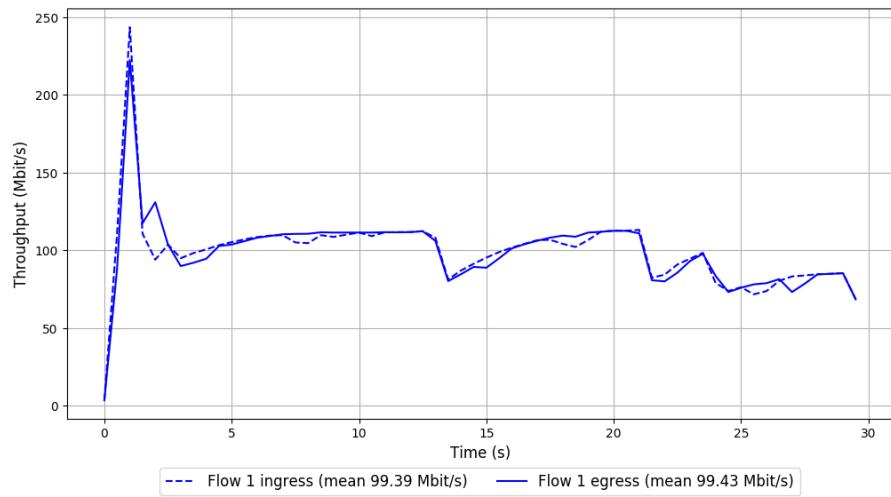
Run 7: Statistics of TCP Cubic

Start at: 2017-09-21 15:28:49

End at: 2017-09-21 15:29:19

```
# Below is generated by plot.py at 2017-09-21 18:07:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 99.43 Mbit/s
95th percentile per-packet one-way delay: 55.801 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 99.43 Mbit/s
95th percentile per-packet one-way delay: 55.801 ms
Loss rate: 0.29%
```

Run 7: Report of TCP Cubic — Data Link



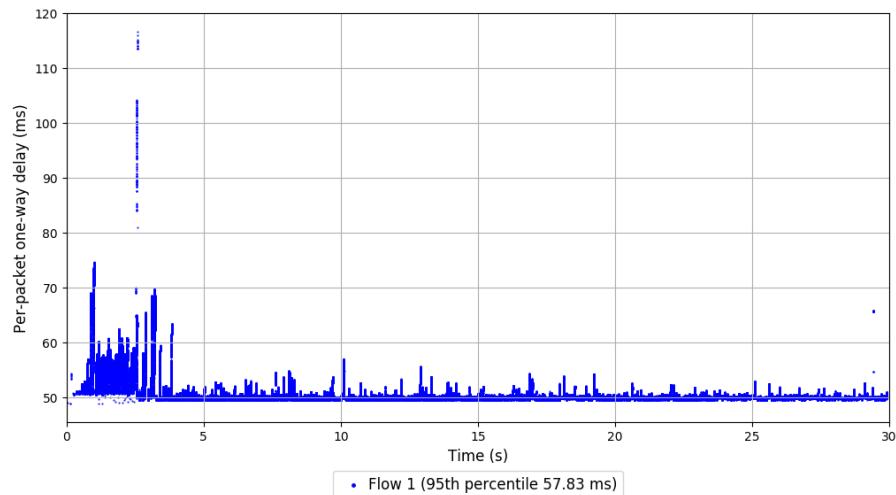
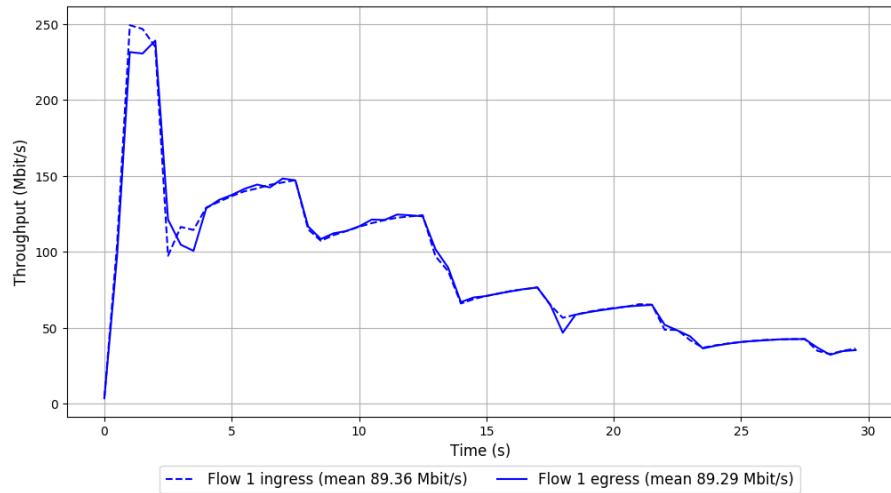
Run 8: Statistics of TCP Cubic

Start at: 2017-09-21 15:39:31

End at: 2017-09-21 15:40:01

```
# Below is generated by plot.py at 2017-09-21 18:07:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.29 Mbit/s
95th percentile per-packet one-way delay: 57.830 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 89.29 Mbit/s
95th percentile per-packet one-way delay: 57.830 ms
Loss rate: 0.41%
```

Run 8: Report of TCP Cubic — Data Link



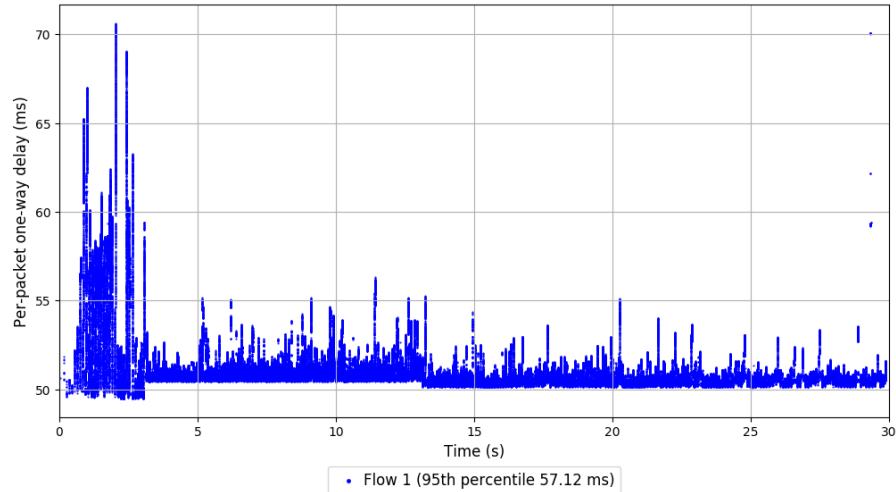
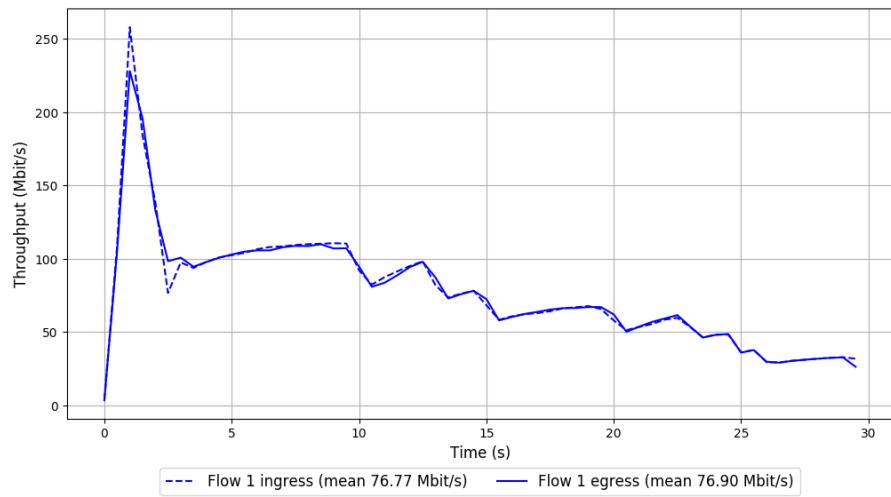
Run 9: Statistics of TCP Cubic

Start at: 2017-09-21 15:50:11

End at: 2017-09-21 15:50:41

```
# Below is generated by plot.py at 2017-09-21 18:07:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.90 Mbit/s
95th percentile per-packet one-way delay: 57.122 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 76.90 Mbit/s
95th percentile per-packet one-way delay: 57.122 ms
Loss rate: 0.17%
```

Run 9: Report of TCP Cubic — Data Link



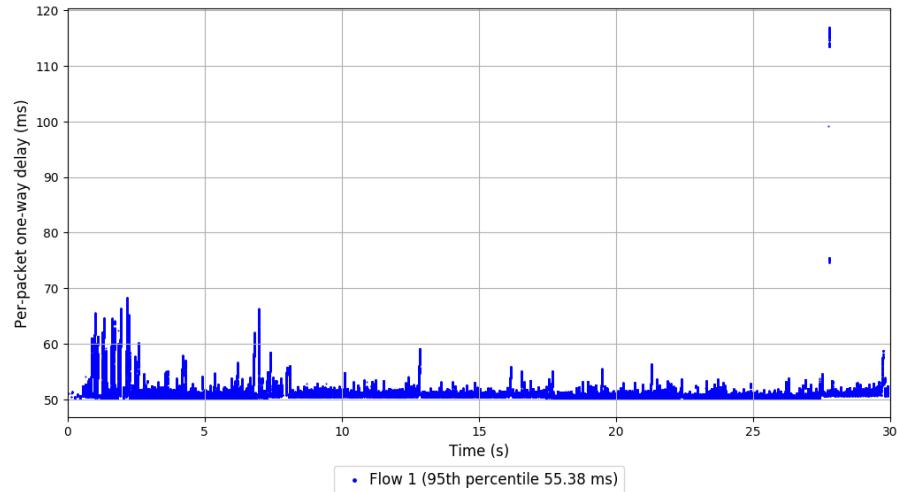
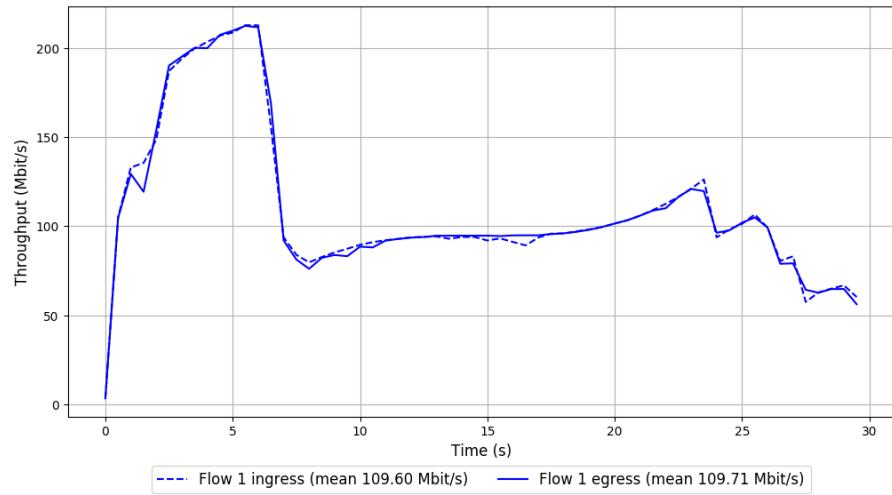
Run 10: Statistics of TCP Cubic

Start at: 2017-09-21 16:00:56

End at: 2017-09-21 16:01:27

```
# Below is generated by plot.py at 2017-09-21 18:07:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 109.71 Mbit/s
95th percentile per-packet one-way delay: 55.384 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 109.71 Mbit/s
95th percentile per-packet one-way delay: 55.384 ms
Loss rate: 0.23%
```

Run 10: Report of TCP Cubic — Data Link



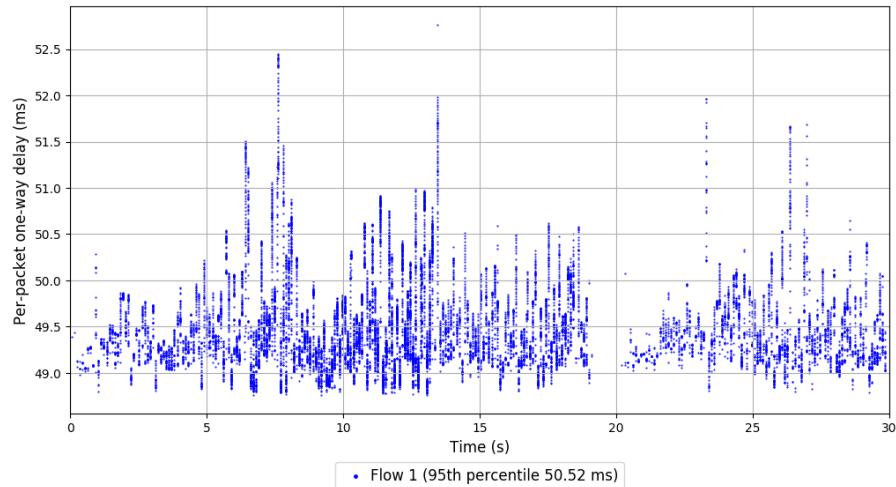
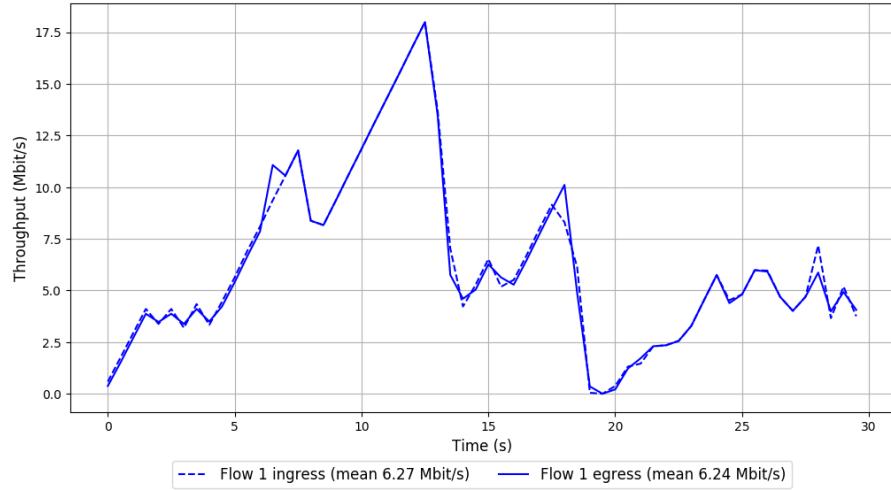
```
Run 1: Statistics of LEDBAT
```

```
Start at: 2017-09-21 14:28:15
```

```
End at: 2017-09-21 14:28:45
```

```
# Below is generated by plot.py at 2017-09-21 18:07:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.24 Mbit/s
95th percentile per-packet one-way delay: 50.524 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 6.24 Mbit/s
95th percentile per-packet one-way delay: 50.524 ms
Loss rate: 0.69%
```

Run 1: Report of LEDBAT — Data Link



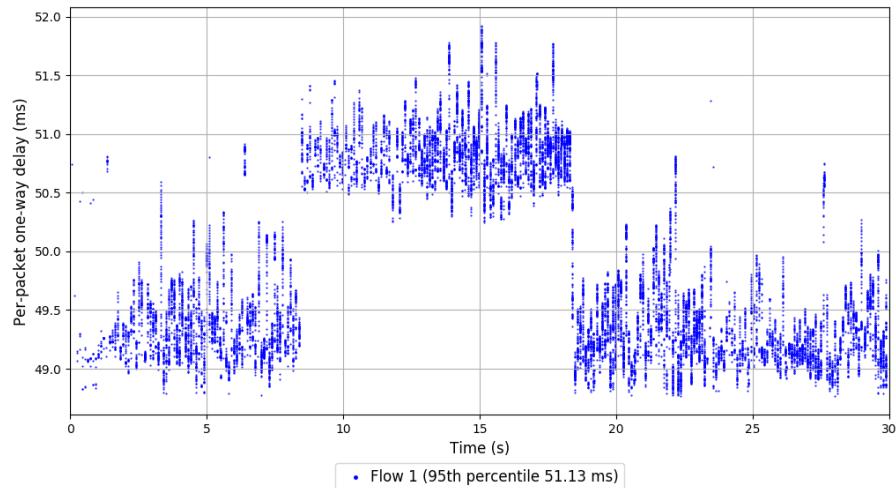
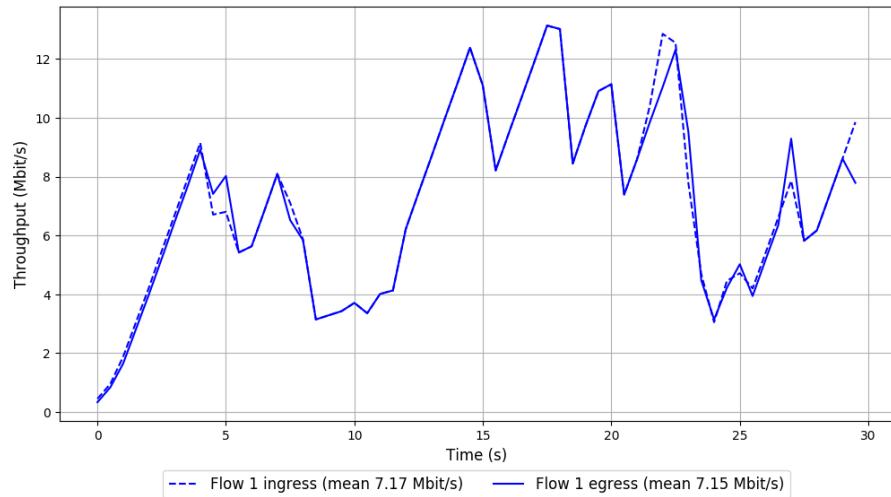
Run 2: Statistics of LEDBAT

Start at: 2017-09-21 14:38:36

End at: 2017-09-21 14:39:06

```
# Below is generated by plot.py at 2017-09-21 18:07:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.15 Mbit/s
95th percentile per-packet one-way delay: 51.127 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 7.15 Mbit/s
95th percentile per-packet one-way delay: 51.127 ms
Loss rate: 0.68%
```

Run 2: Report of LEDBAT — Data Link



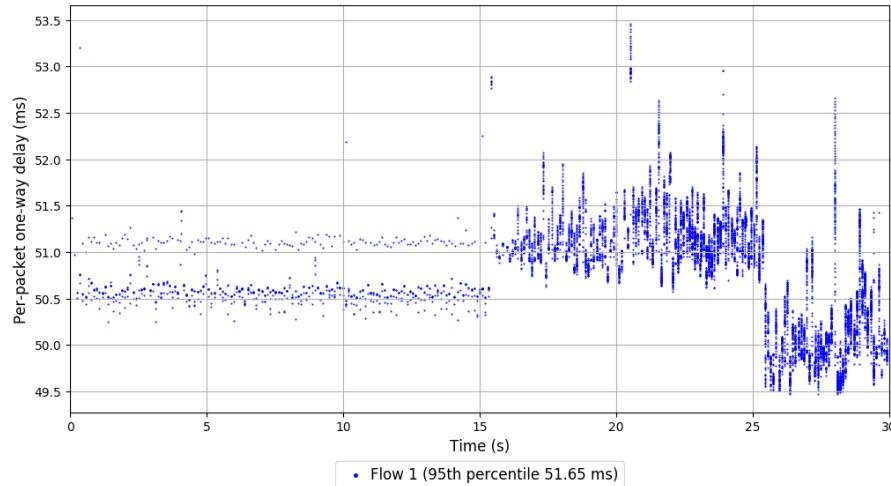
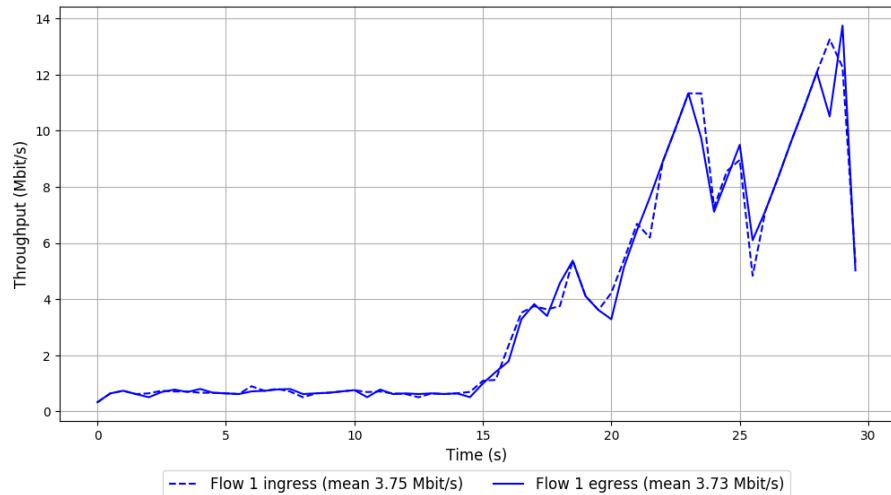
```
Run 3: Statistics of LEDBAT
```

```
Start at: 2017-09-21 14:49:19
```

```
End at: 2017-09-21 14:49:49
```

```
# Below is generated by plot.py at 2017-09-21 18:07:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.73 Mbit/s
95th percentile per-packet one-way delay: 51.647 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 3.73 Mbit/s
95th percentile per-packet one-way delay: 51.647 ms
Loss rate: 0.84%
```

Run 3: Report of LEDBAT — Data Link



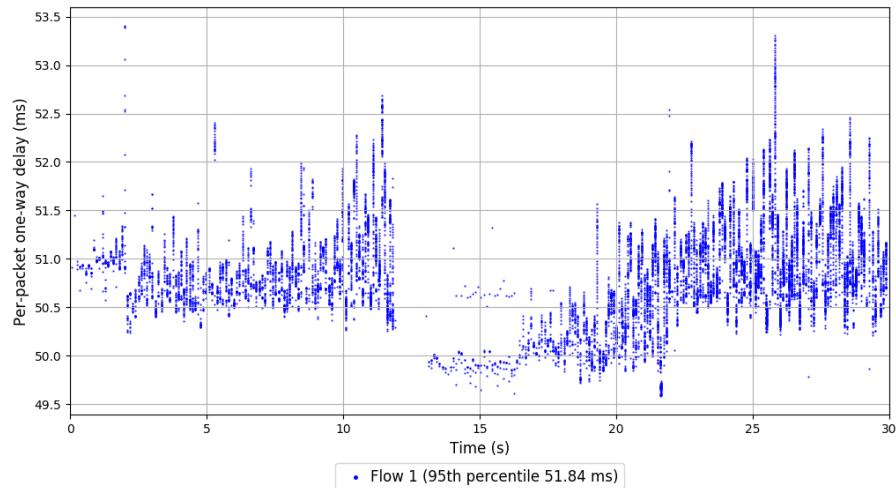
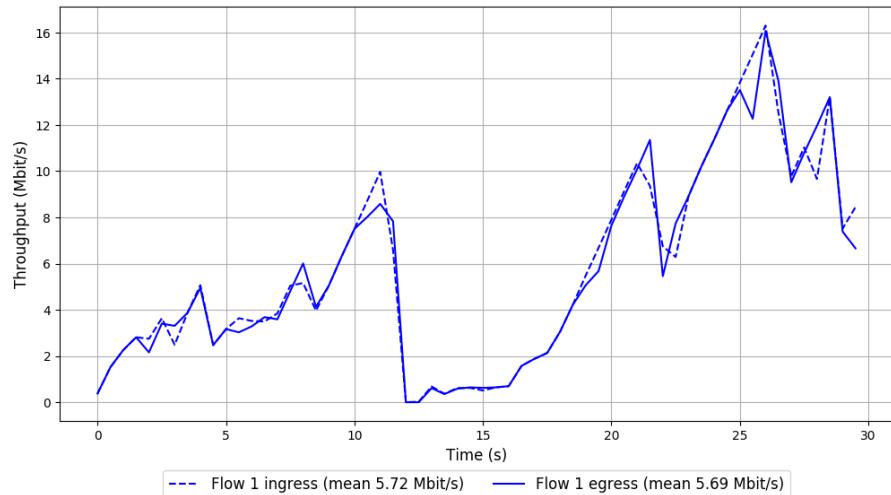
Run 4: Statistics of LEDBAT

Start at: 2017-09-21 15:00:02

End at: 2017-09-21 15:00:32

```
# Below is generated by plot.py at 2017-09-21 18:07:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.69 Mbit/s
95th percentile per-packet one-way delay: 51.838 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 5.69 Mbit/s
95th percentile per-packet one-way delay: 51.838 ms
Loss rate: 0.94%
```

Run 4: Report of LEDBAT — Data Link



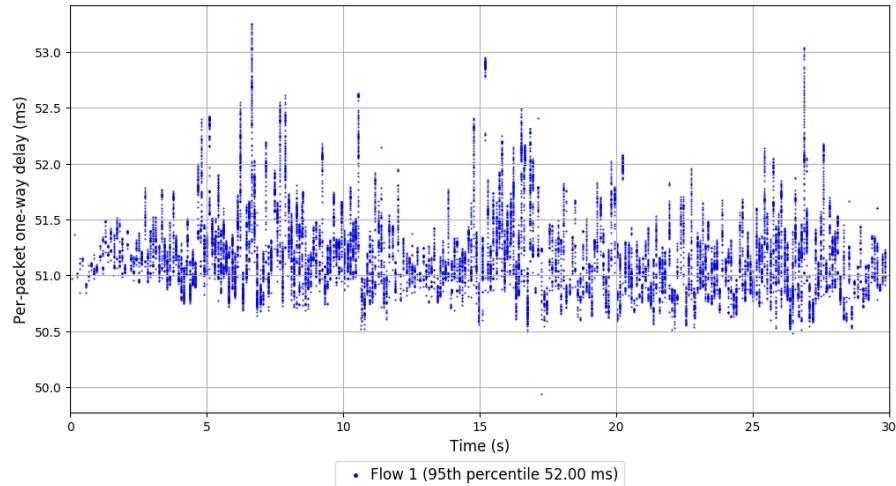
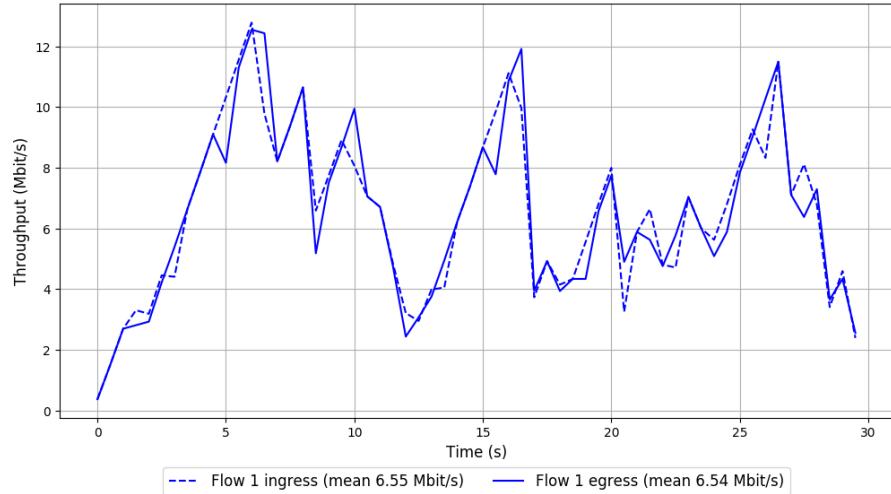
Run 5: Statistics of LEDBAT

Start at: 2017-09-21 15:10:43

End at: 2017-09-21 15:11:13

```
# Below is generated by plot.py at 2017-09-21 18:07:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.54 Mbit/s
95th percentile per-packet one-way delay: 52.004 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 6.54 Mbit/s
95th percentile per-packet one-way delay: 52.004 ms
Loss rate: 0.41%
```

Run 5: Report of LEDBAT — Data Link



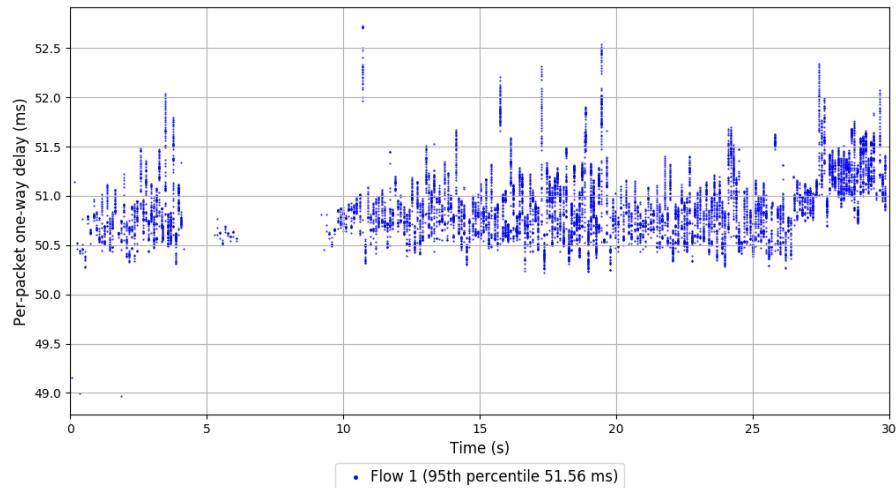
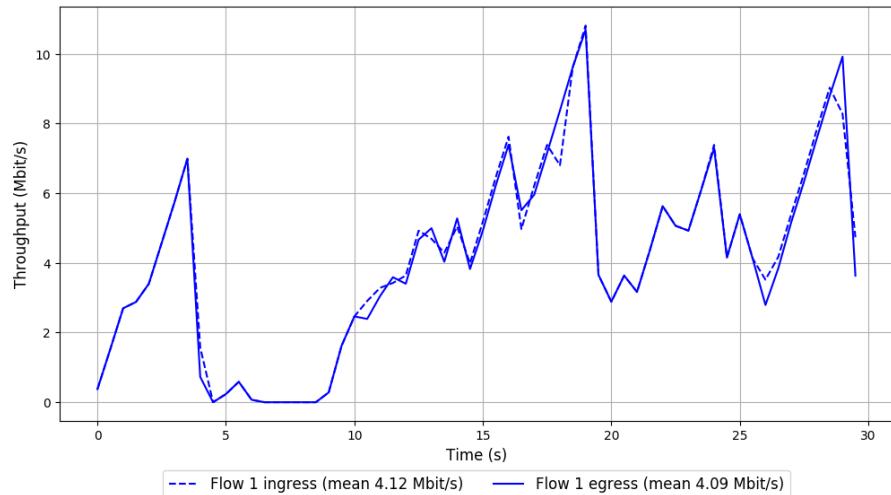
Run 6: Statistics of LEDBAT

Start at: 2017-09-21 15:21:07

End at: 2017-09-21 15:21:37

```
# Below is generated by plot.py at 2017-09-21 18:07:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.09 Mbit/s
95th percentile per-packet one-way delay: 51.559 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 4.09 Mbit/s
95th percentile per-packet one-way delay: 51.559 ms
Loss rate: 1.06%
```

Run 6: Report of LEDBAT — Data Link



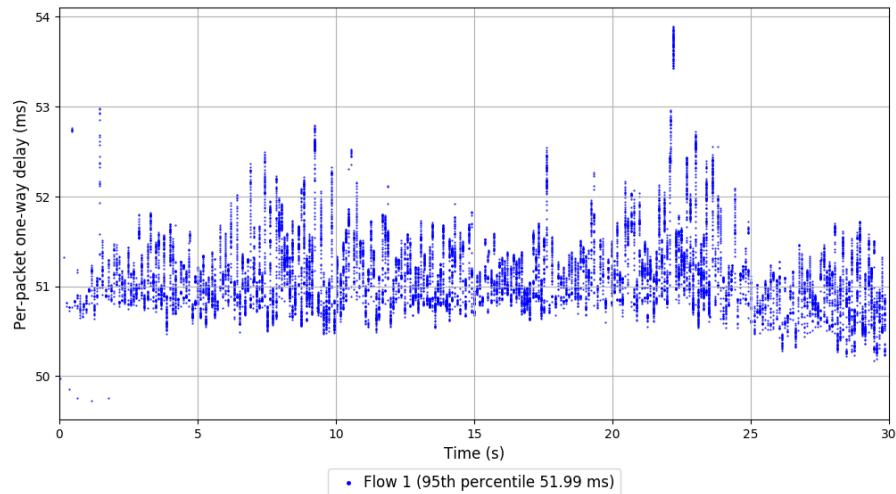
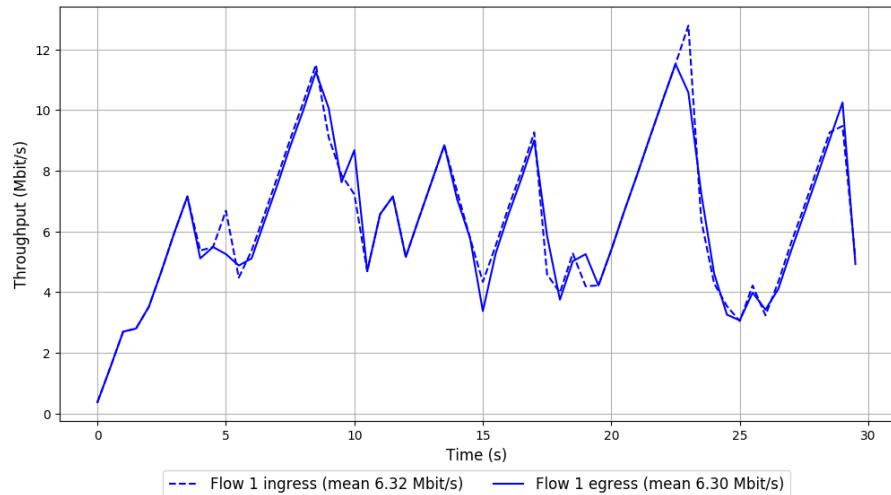
Run 7: Statistics of LEDBAT

Start at: 2017-09-21 15:31:49

End at: 2017-09-21 15:32:19

```
# Below is generated by plot.py at 2017-09-21 18:07:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.30 Mbit/s
95th percentile per-packet one-way delay: 51.991 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 6.30 Mbit/s
95th percentile per-packet one-way delay: 51.991 ms
Loss rate: 0.76%
```

Run 7: Report of LEDBAT — Data Link



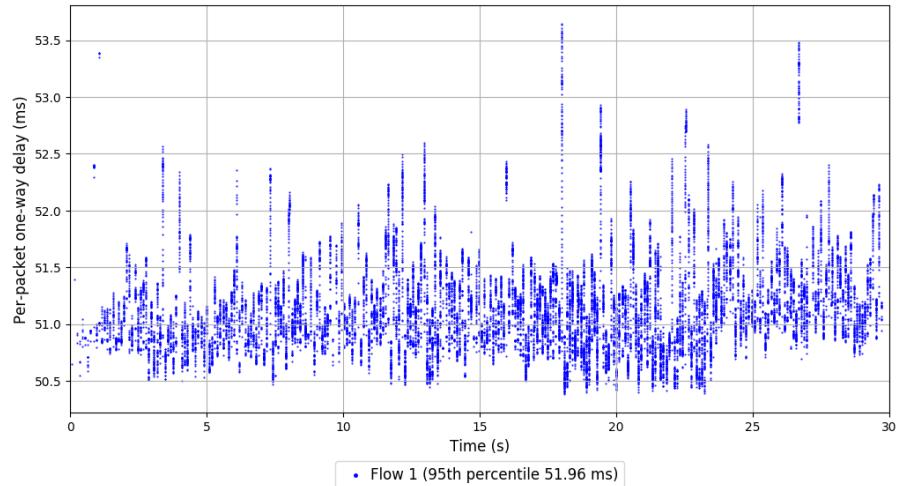
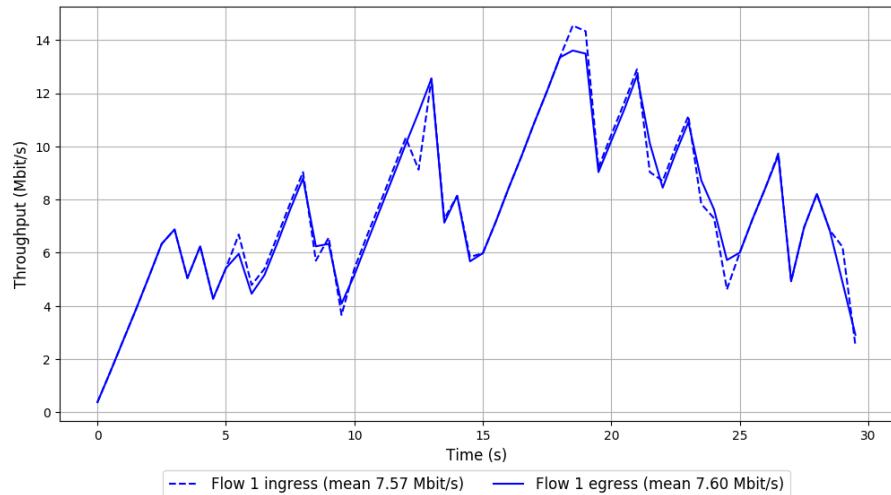
Run 8: Statistics of LEDBAT

Start at: 2017-09-21 15:42:30

End at: 2017-09-21 15:43:00

```
# Below is generated by plot.py at 2017-09-21 18:07:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.60 Mbit/s
95th percentile per-packet one-way delay: 51.963 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 7.60 Mbit/s
95th percentile per-packet one-way delay: 51.963 ms
Loss rate: 0.37%
```

Run 8: Report of LEDBAT — Data Link



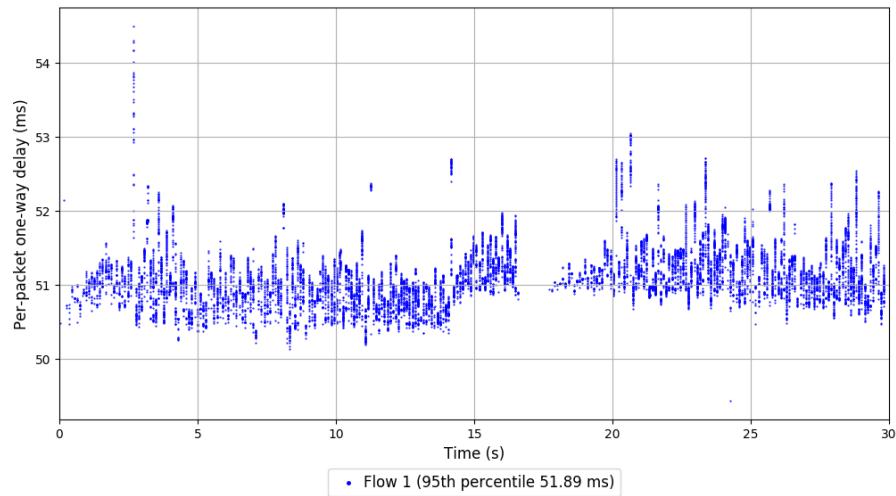
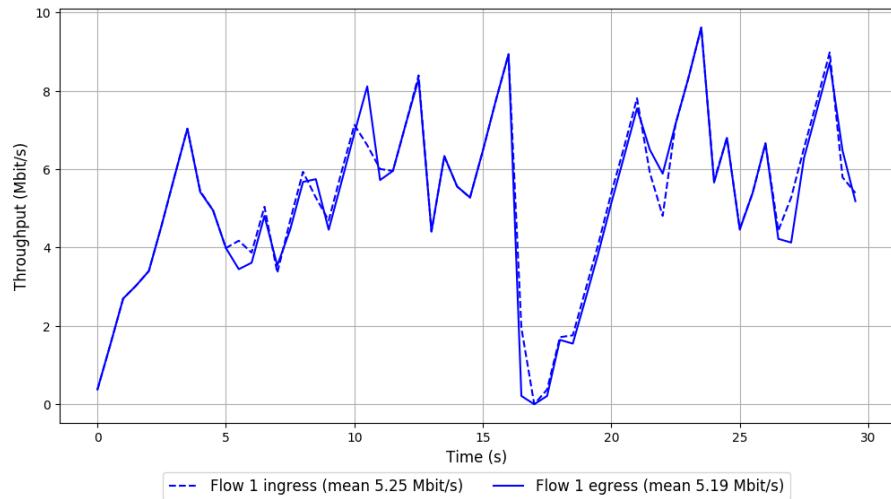
Run 9: Statistics of LEDBAT

Start at: 2017-09-21 15:53:10

End at: 2017-09-21 15:53:40

```
# Below is generated by plot.py at 2017-09-21 18:07:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.19 Mbit/s
95th percentile per-packet one-way delay: 51.889 ms
Loss rate: 1.31%
-- Flow 1:
Average throughput: 5.19 Mbit/s
95th percentile per-packet one-way delay: 51.889 ms
Loss rate: 1.31%
```

Run 9: Report of LEDBAT — Data Link



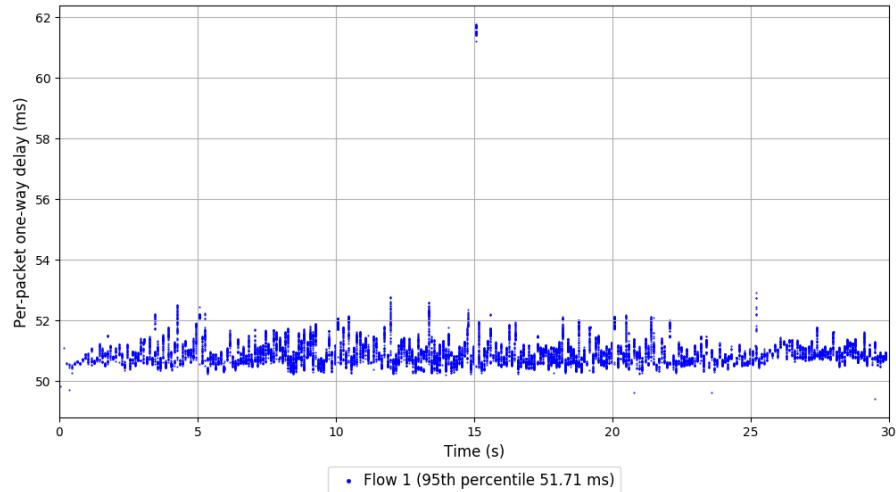
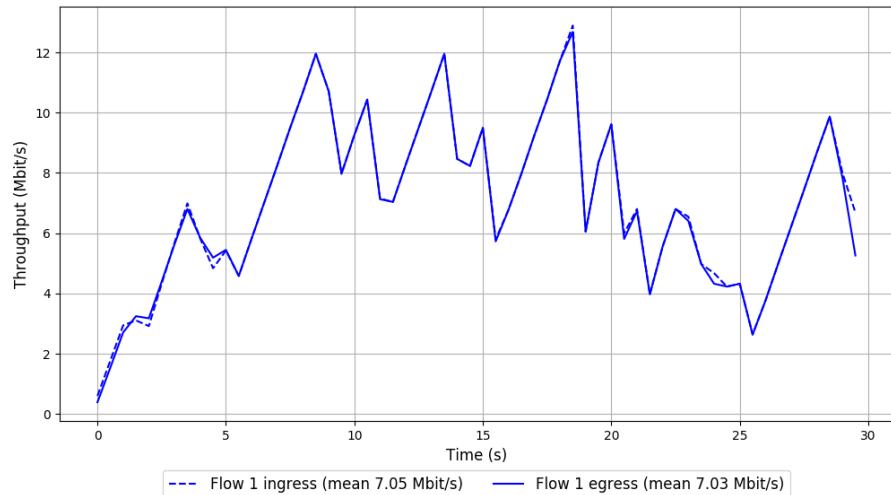
Run 10: Statistics of LEDBAT

Start at: 2017-09-21 16:03:59

End at: 2017-09-21 16:04:29

```
# Below is generated by plot.py at 2017-09-21 18:07:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.03 Mbit/s
95th percentile per-packet one-way delay: 51.706 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 7.03 Mbit/s
95th percentile per-packet one-way delay: 51.706 ms
Loss rate: 0.64%
```

Run 10: Report of LEDBAT — Data Link



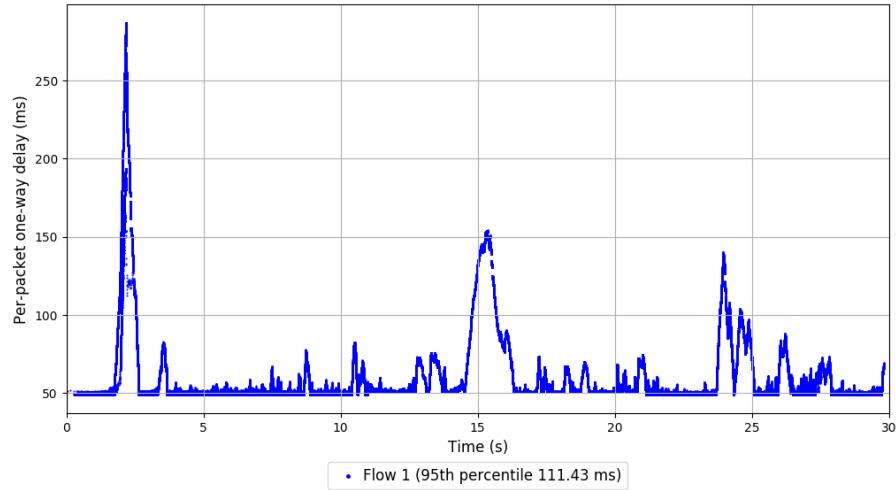
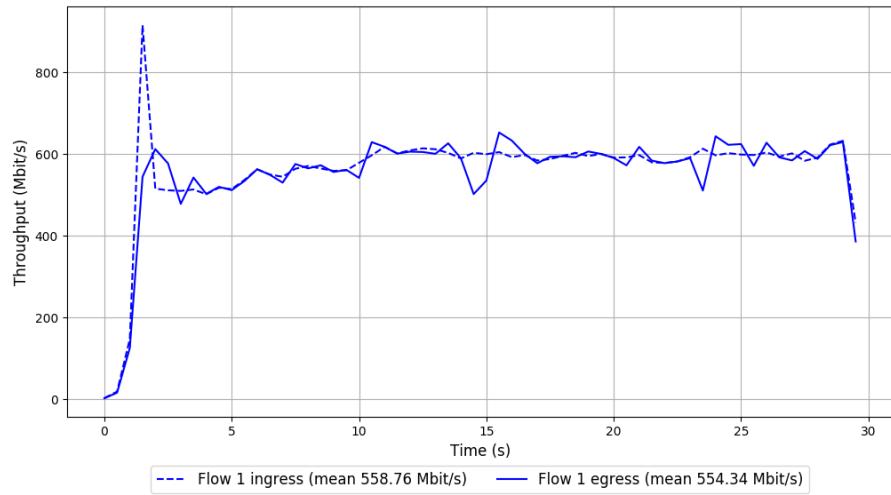
Run 1: Statistics of PCC

Start at: 2017-09-21 14:22:43

End at: 2017-09-21 14:23:13

```
# Below is generated by plot.py at 2017-09-21 18:17:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 554.34 Mbit/s
95th percentile per-packet one-way delay: 111.428 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 554.34 Mbit/s
95th percentile per-packet one-way delay: 111.428 ms
Loss rate: 1.14%
```

Run 1: Report of PCC — Data Link



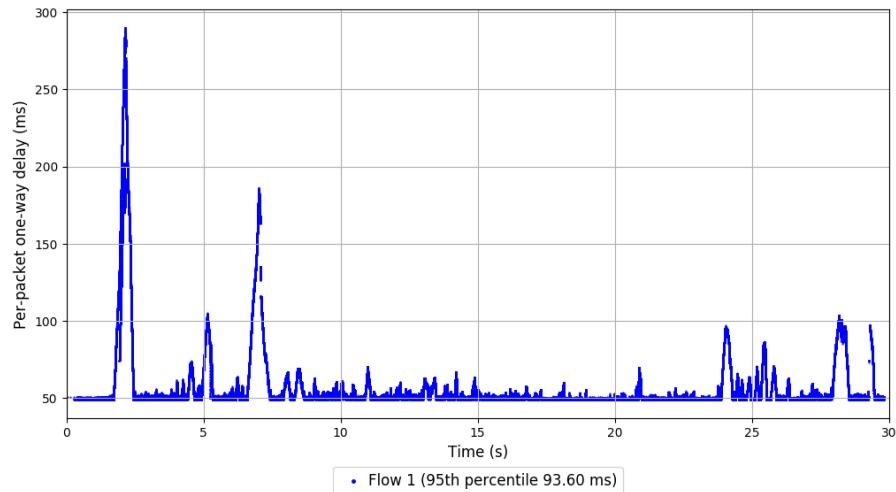
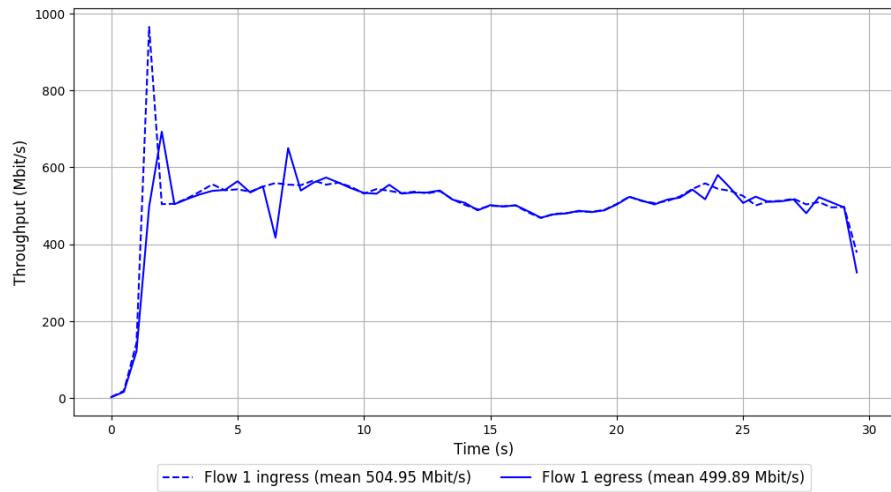
Run 2: Statistics of PCC

Start at: 2017-09-21 14:33:17

End at: 2017-09-21 14:33:47

```
# Below is generated by plot.py at 2017-09-21 18:17:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 499.89 Mbit/s
95th percentile per-packet one-way delay: 93.596 ms
Loss rate: 1.34%
-- Flow 1:
Average throughput: 499.89 Mbit/s
95th percentile per-packet one-way delay: 93.596 ms
Loss rate: 1.34%
```

Run 2: Report of PCC — Data Link



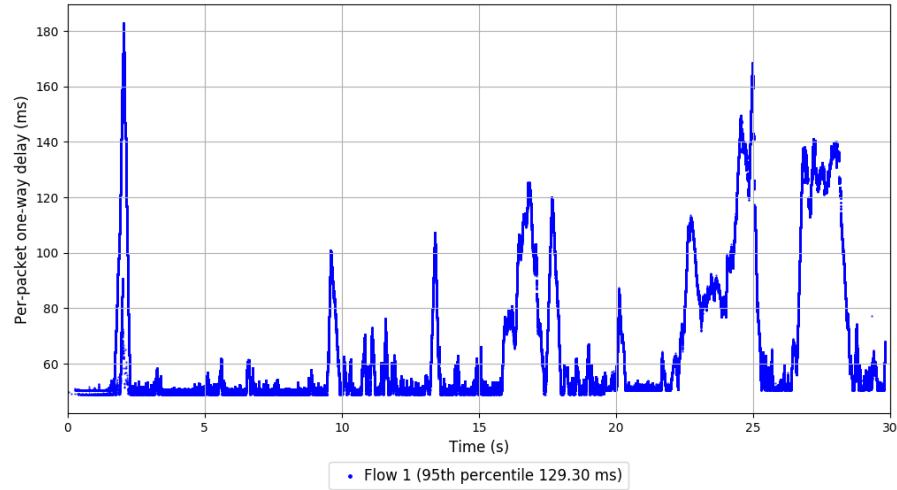
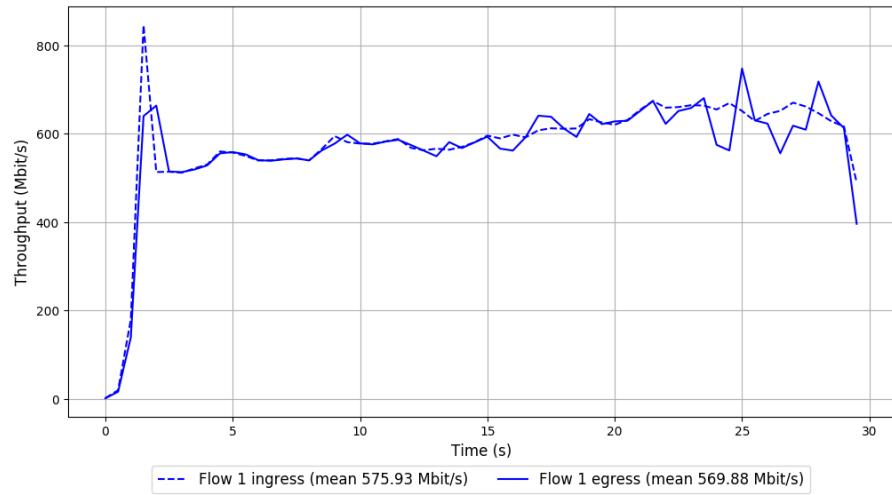
Run 3: Statistics of PCC

Start at: 2017-09-21 14:43:44

End at: 2017-09-21 14:44:14

```
# Below is generated by plot.py at 2017-09-21 18:17:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 569.88 Mbit/s
95th percentile per-packet one-way delay: 129.298 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 569.88 Mbit/s
95th percentile per-packet one-way delay: 129.298 ms
Loss rate: 1.38%
```

Run 3: Report of PCC — Data Link



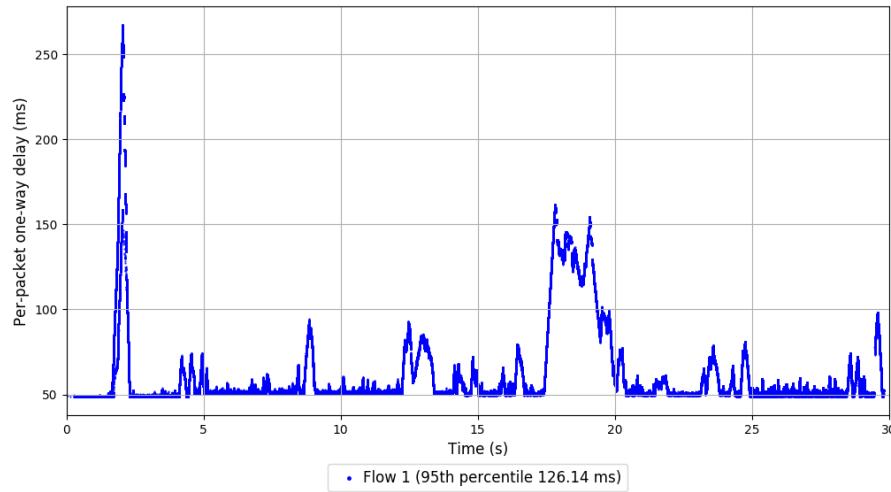
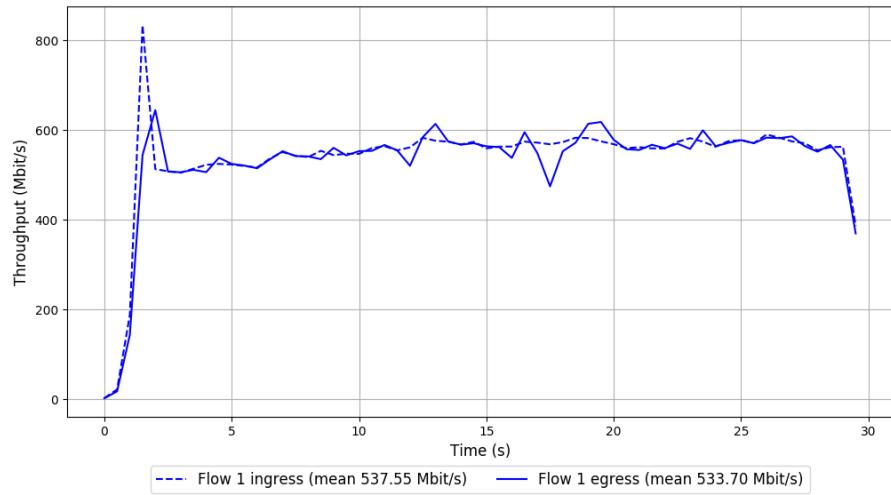
Run 4: Statistics of PCC

Start at: 2017-09-21 14:54:29

End at: 2017-09-21 14:54:59

```
# Below is generated by plot.py at 2017-09-21 18:17:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 533.70 Mbit/s
95th percentile per-packet one-way delay: 126.141 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 533.70 Mbit/s
95th percentile per-packet one-way delay: 126.141 ms
Loss rate: 1.05%
```

Run 4: Report of PCC — Data Link



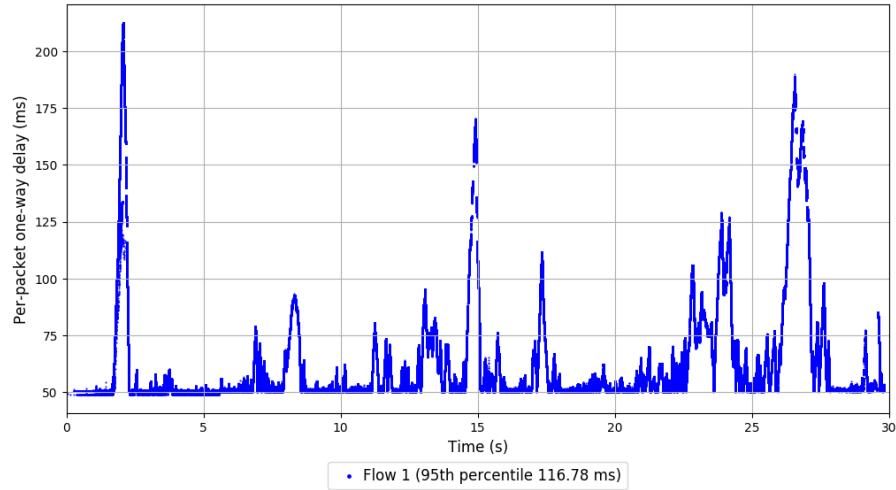
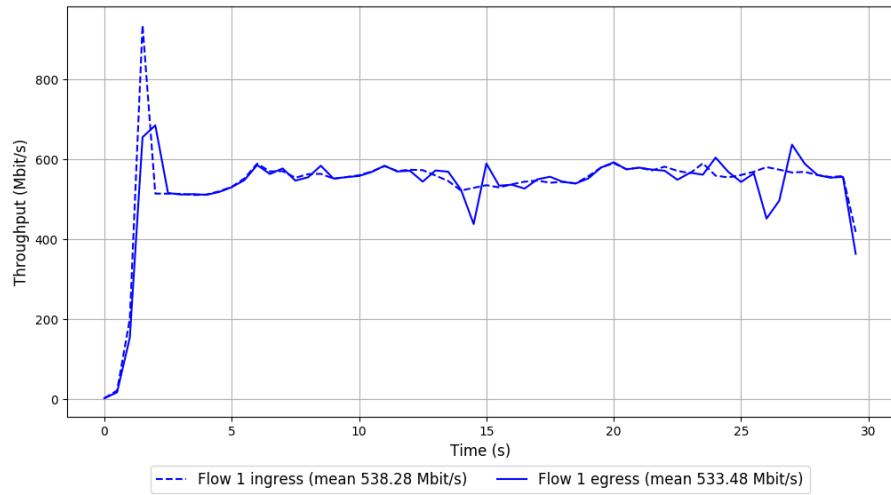
Run 5: Statistics of PCC

Start at: 2017-09-21 15:05:08

End at: 2017-09-21 15:05:38

```
# Below is generated by plot.py at 2017-09-21 18:17:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 533.48 Mbit/s
95th percentile per-packet one-way delay: 116.782 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 533.48 Mbit/s
95th percentile per-packet one-way delay: 116.782 ms
Loss rate: 1.22%
```

Run 5: Report of PCC — Data Link



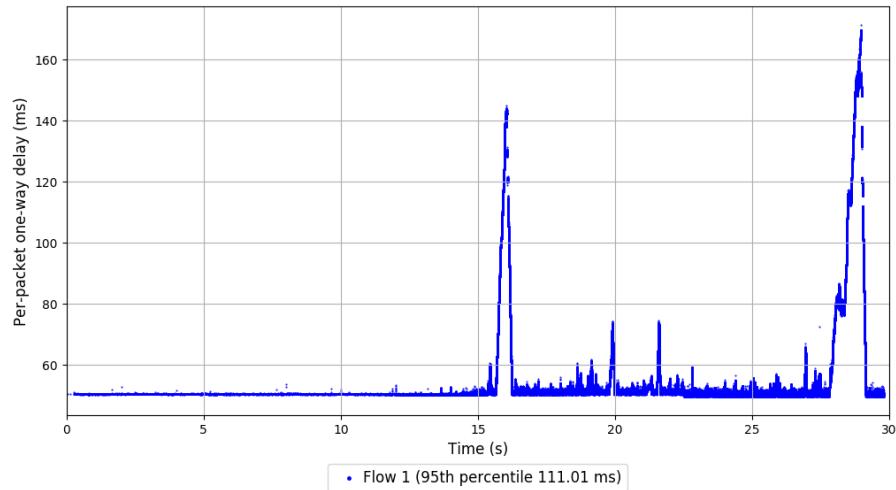
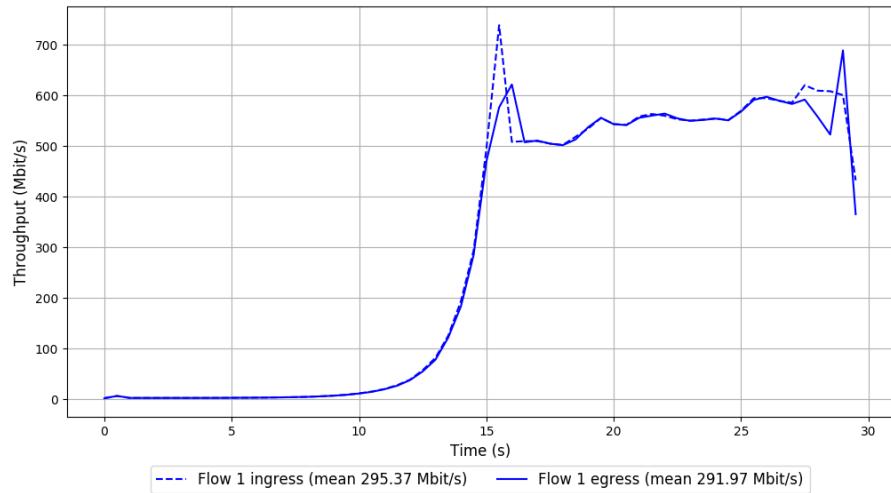
Run 6: Statistics of PCC

Start at: 2017-09-21 15:15:51

End at: 2017-09-21 15:16:21

```
# Below is generated by plot.py at 2017-09-21 18:17:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 291.97 Mbit/s
95th percentile per-packet one-way delay: 111.009 ms
Loss rate: 1.49%
-- Flow 1:
Average throughput: 291.97 Mbit/s
95th percentile per-packet one-way delay: 111.009 ms
Loss rate: 1.49%
```

Run 6: Report of PCC — Data Link



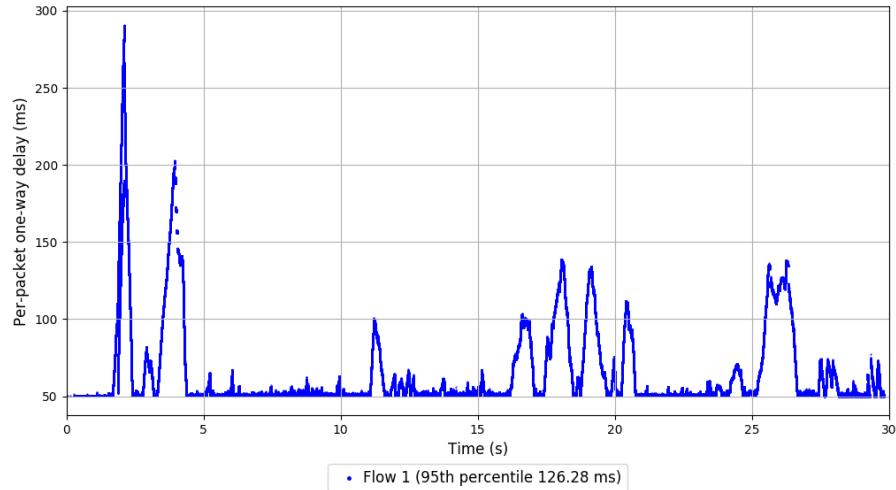
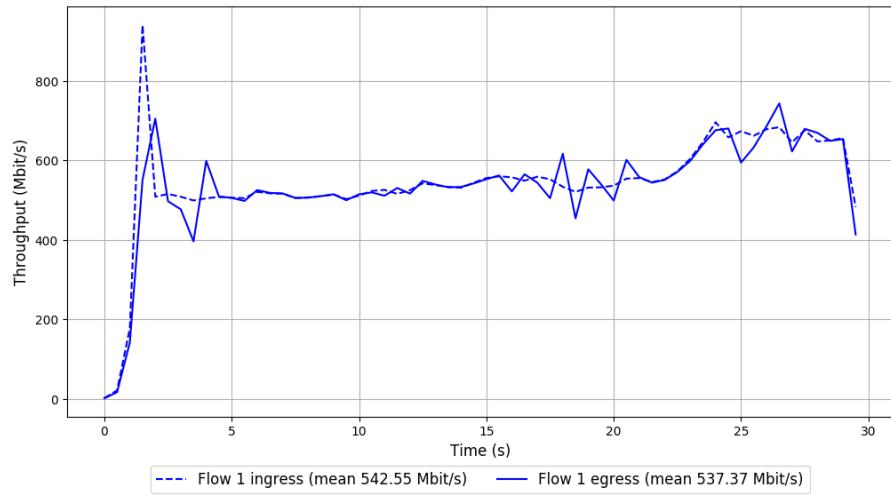
Run 7: Statistics of PCC

Start at: 2017-09-21 15:26:16

End at: 2017-09-21 15:26:46

```
# Below is generated by plot.py at 2017-09-21 18:18:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 537.37 Mbit/s
95th percentile per-packet one-way delay: 126.280 ms
Loss rate: 1.29%
-- Flow 1:
Average throughput: 537.37 Mbit/s
95th percentile per-packet one-way delay: 126.280 ms
Loss rate: 1.29%
```

Run 7: Report of PCC — Data Link



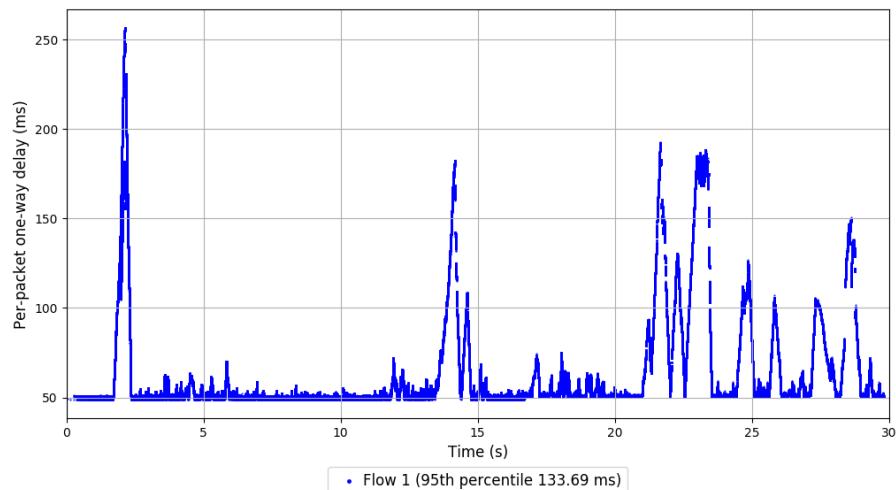
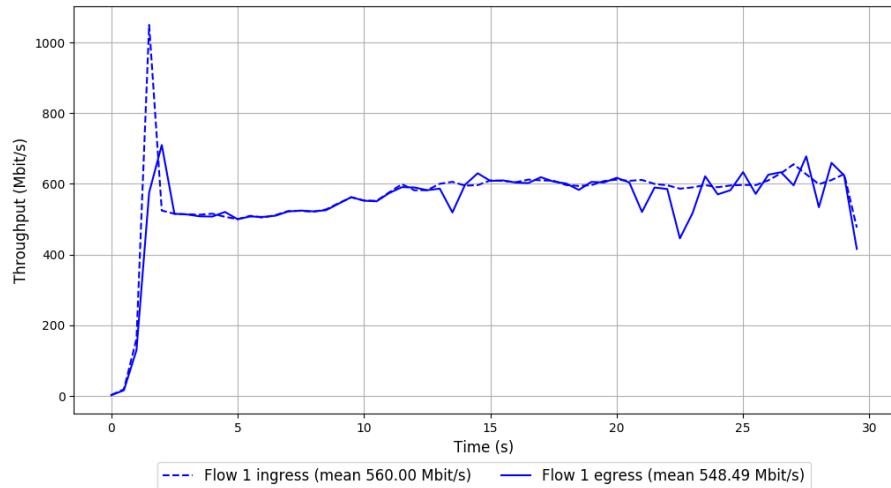
Run 8: Statistics of PCC

Start at: 2017-09-21 15:36:57

End at: 2017-09-21 15:37:27

```
# Below is generated by plot.py at 2017-09-21 18:18:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 548.49 Mbit/s
95th percentile per-packet one-way delay: 133.689 ms
Loss rate: 2.38%
-- Flow 1:
Average throughput: 548.49 Mbit/s
95th percentile per-packet one-way delay: 133.689 ms
Loss rate: 2.38%
```

Run 8: Report of PCC — Data Link



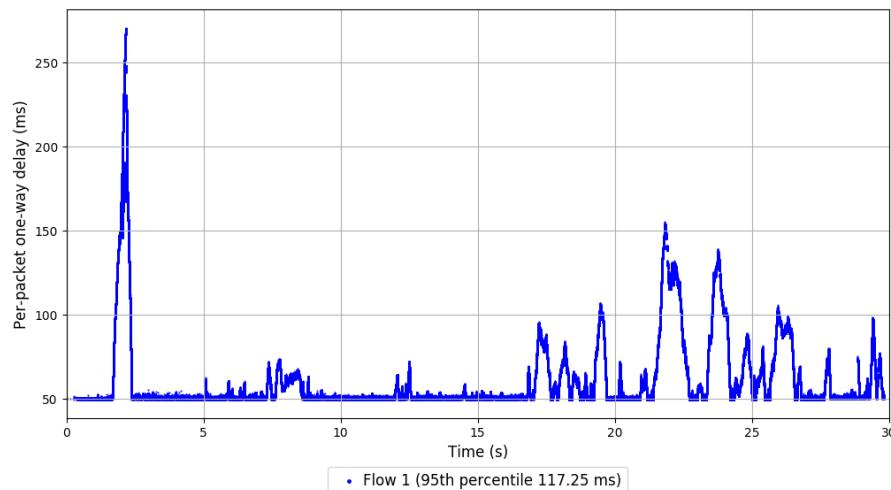
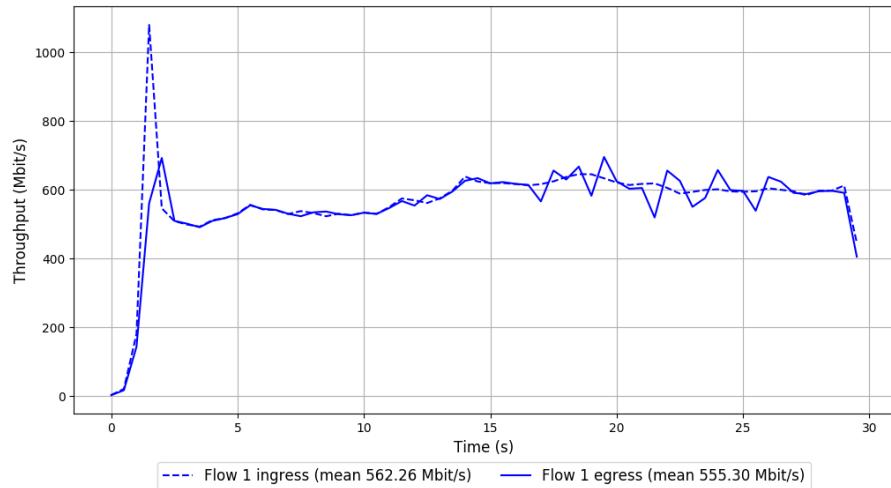
Run 9: Statistics of PCC

Start at: 2017-09-21 15:47:36

End at: 2017-09-21 15:48:06

```
# Below is generated by plot.py at 2017-09-21 18:24:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 555.30 Mbit/s
95th percentile per-packet one-way delay: 117.247 ms
Loss rate: 1.57%
-- Flow 1:
Average throughput: 555.30 Mbit/s
95th percentile per-packet one-way delay: 117.247 ms
Loss rate: 1.57%
```

Run 9: Report of PCC — Data Link



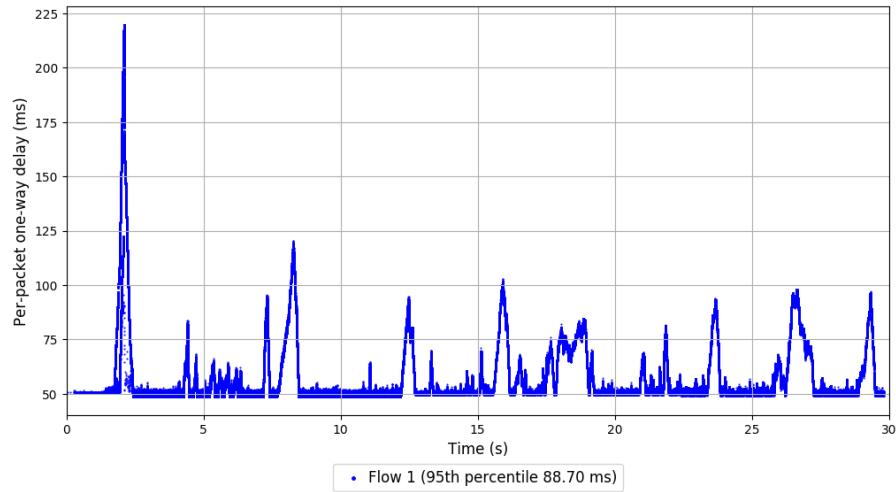
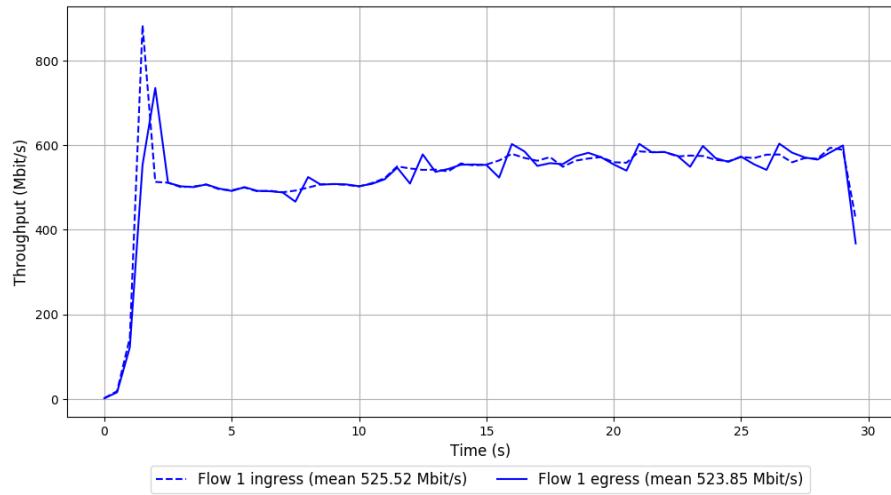
Run 10: Statistics of PCC

Start at: 2017-09-21 15:58:21

End at: 2017-09-21 15:58:51

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 523.85 Mbit/s
95th percentile per-packet one-way delay: 88.702 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 523.85 Mbit/s
95th percentile per-packet one-way delay: 88.702 ms
Loss rate: 0.65%
```

Run 10: Report of PCC — Data Link

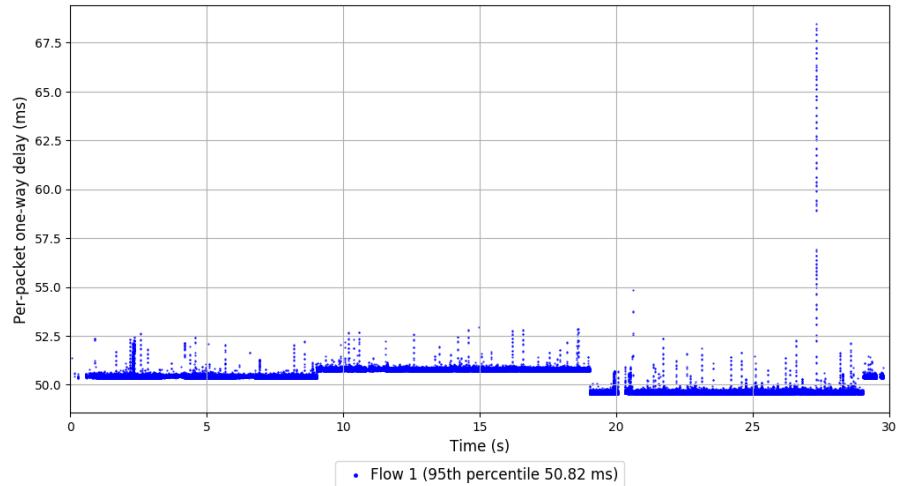
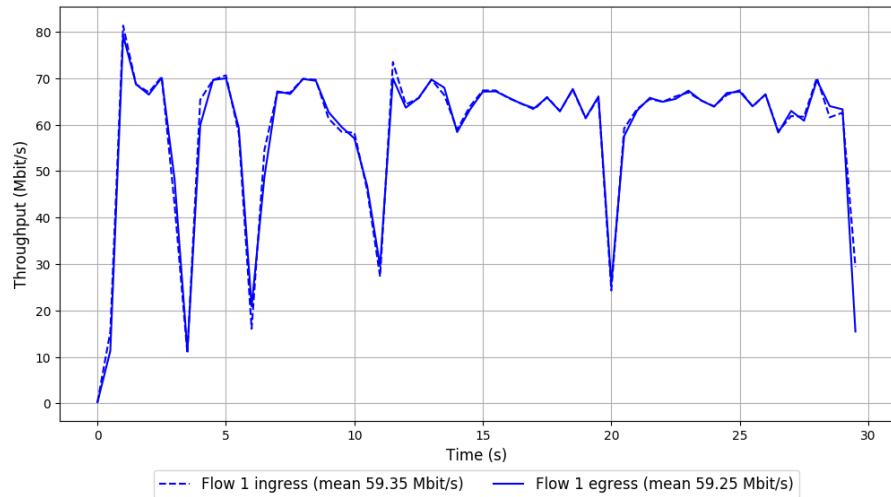


```
Run 1: Statistics of QUIC Cubic

Start at: 2017-09-21 14:24:35
End at: 2017-09-21 14:25:05

# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.25 Mbit/s
95th percentile per-packet one-way delay: 50.822 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 59.25 Mbit/s
95th percentile per-packet one-way delay: 50.822 ms
Loss rate: 0.50%
```

Run 1: Report of QUIC Cubic — Data Link



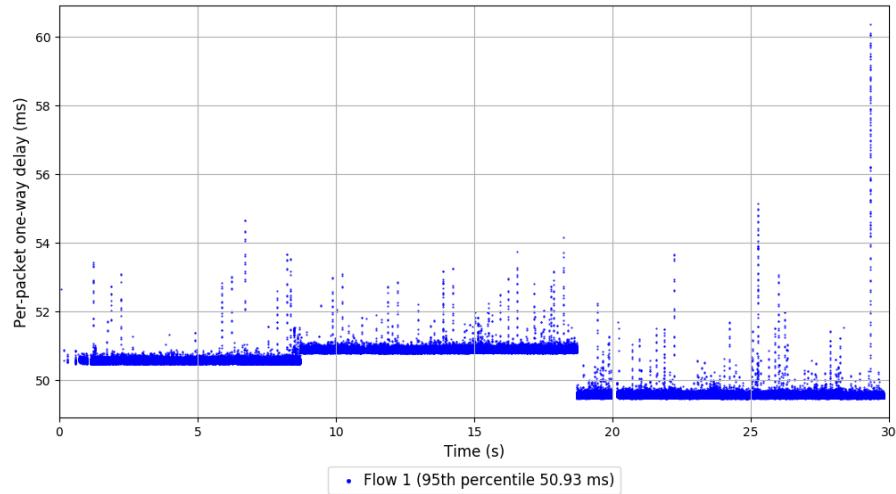
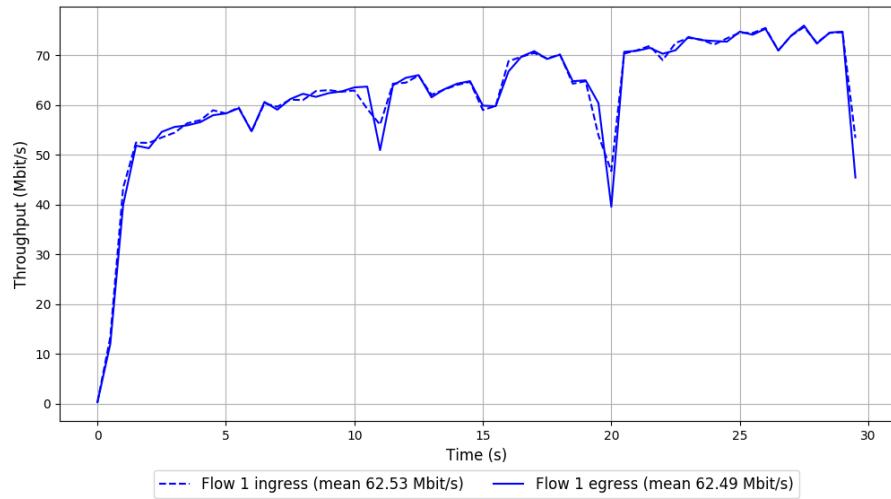
Run 2: Statistics of QUIC Cubic

Start at: 2017-09-21 14:34:55

End at: 2017-09-21 14:35:25

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.49 Mbit/s
95th percentile per-packet one-way delay: 50.927 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 62.49 Mbit/s
95th percentile per-packet one-way delay: 50.927 ms
Loss rate: 0.41%
```

Run 2: Report of QUIC Cubic — Data Link



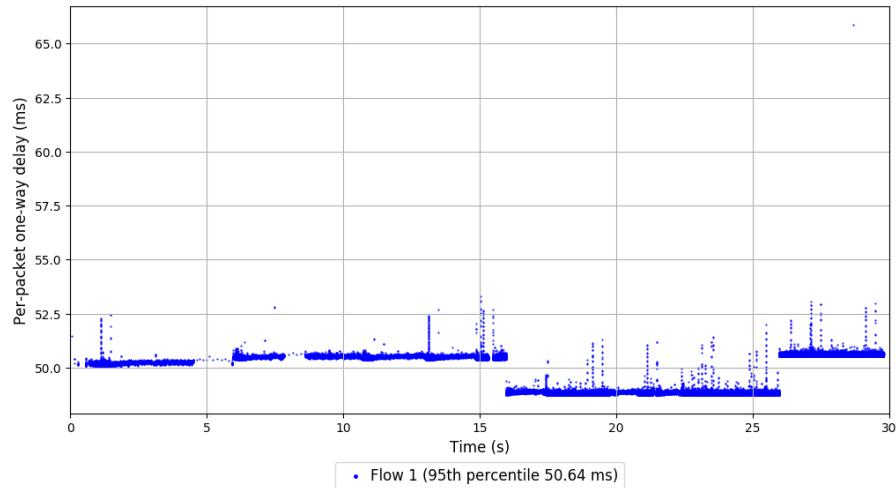
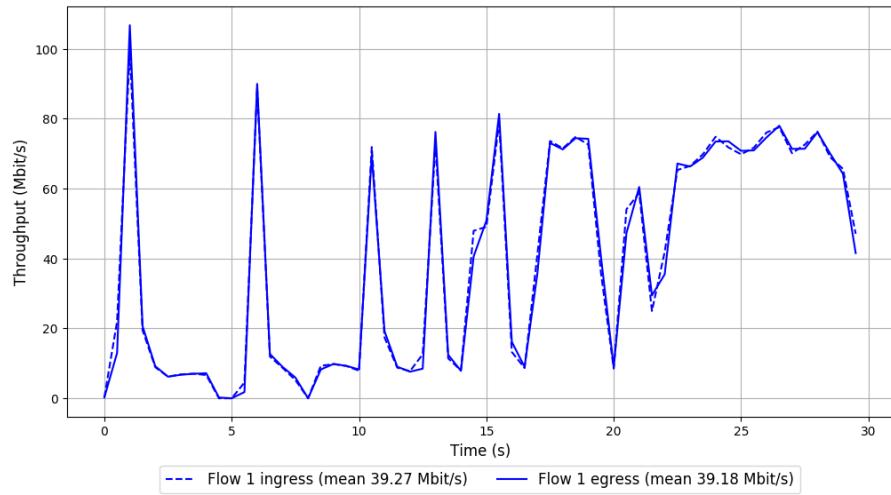
Run 3: Statistics of QUIC Cubic

Start at: 2017-09-21 14:45:38

End at: 2017-09-21 14:46:08

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.18 Mbit/s
95th percentile per-packet one-way delay: 50.639 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 39.18 Mbit/s
95th percentile per-packet one-way delay: 50.639 ms
Loss rate: 0.57%
```

Run 3: Report of QUIC Cubic — Data Link



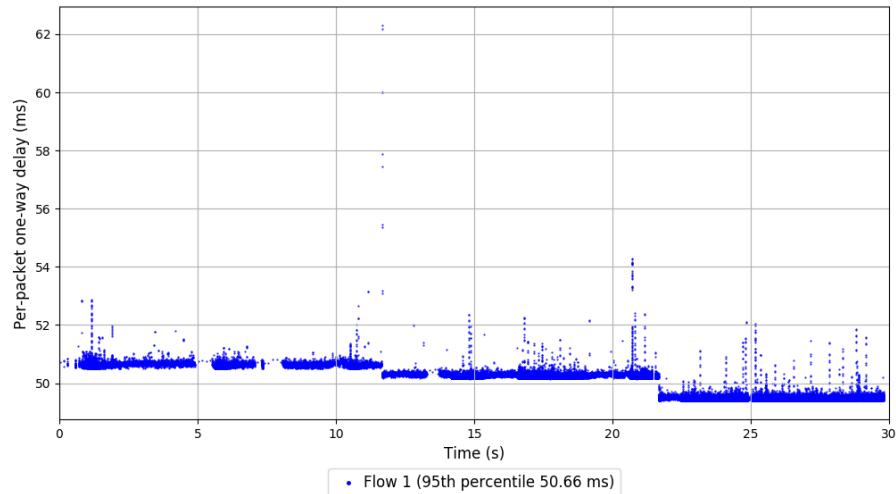
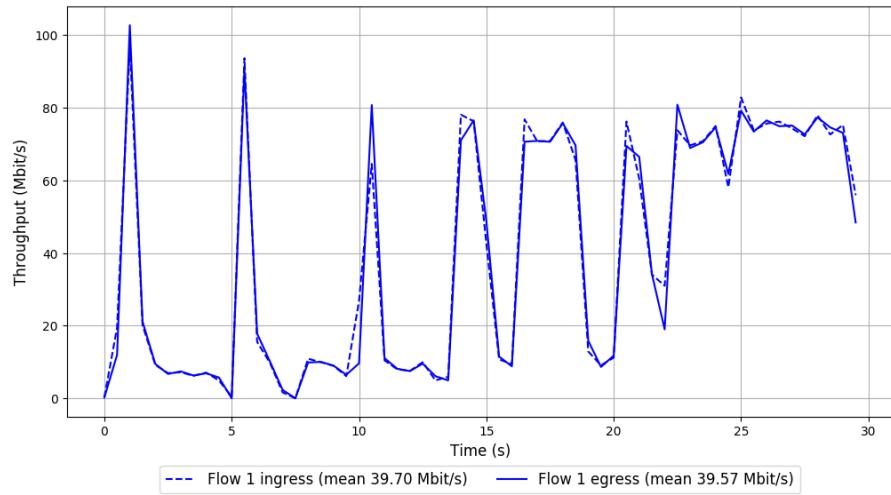
Run 4: Statistics of QUIC Cubic

Start at: 2017-09-21 14:56:22

End at: 2017-09-21 14:56:52

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.57 Mbit/s
95th percentile per-packet one-way delay: 50.655 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 39.57 Mbit/s
95th percentile per-packet one-way delay: 50.655 ms
Loss rate: 0.65%
```

Run 4: Report of QUIC Cubic — Data Link

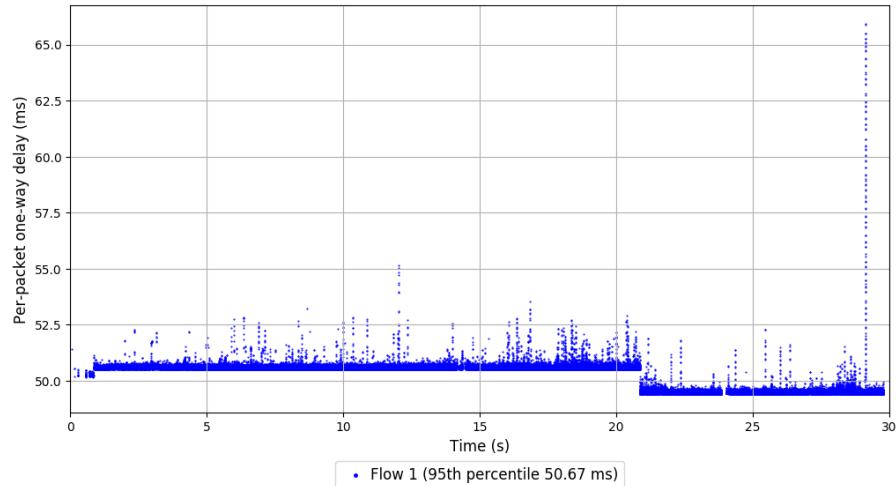
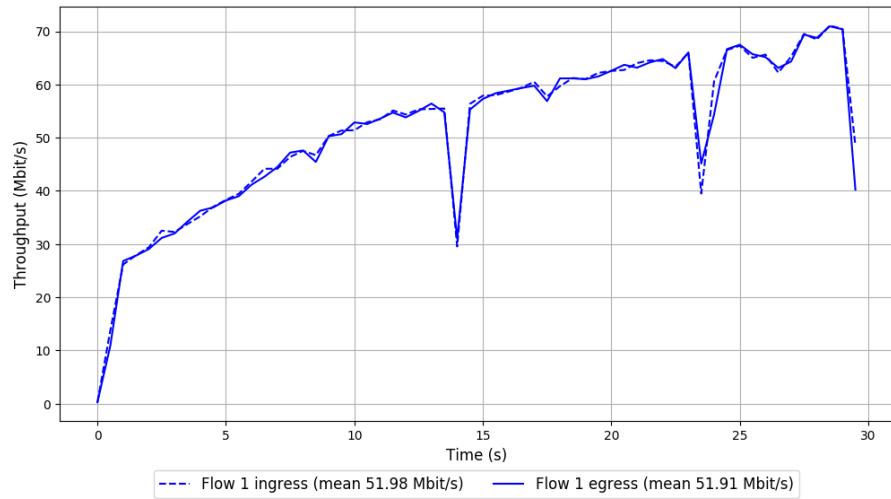


```
Run 5: Statistics of QUIC Cubic

Start at: 2017-09-21 15:07:03
End at: 2017-09-21 15:07:33

# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.91 Mbit/s
95th percentile per-packet one-way delay: 50.672 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 51.91 Mbit/s
95th percentile per-packet one-way delay: 50.672 ms
Loss rate: 0.49%
```

Run 5: Report of QUIC Cubic — Data Link

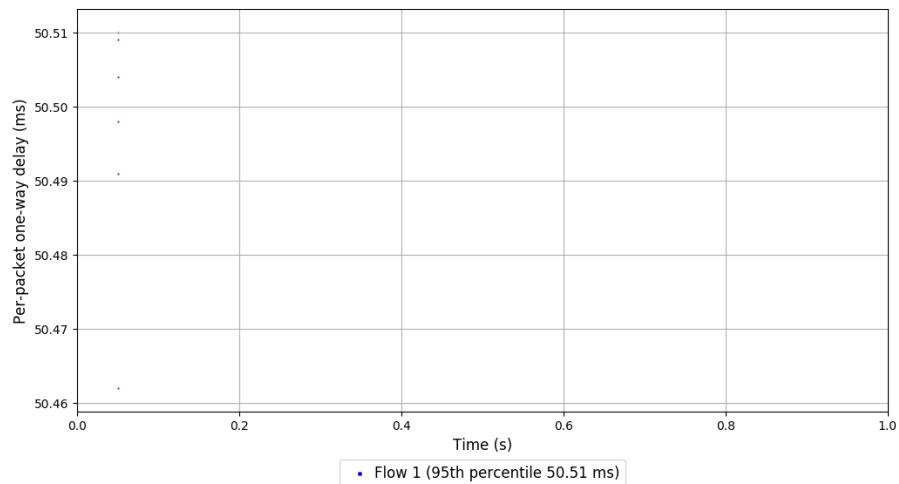
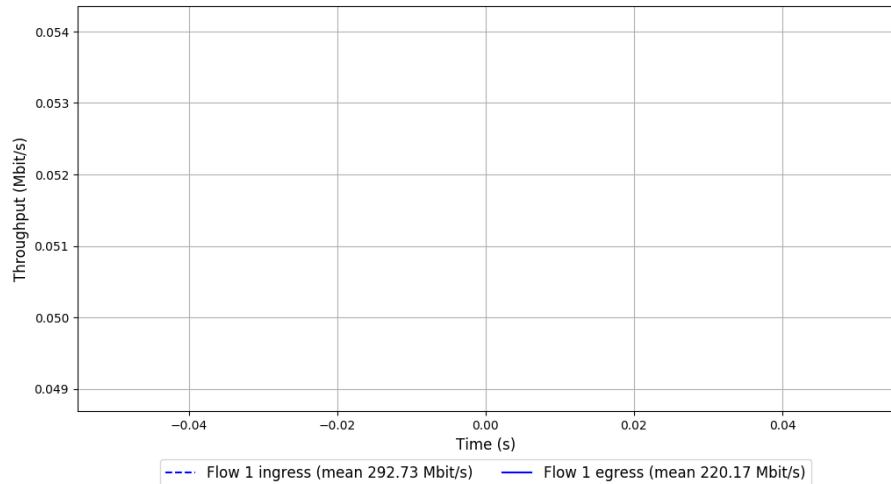


Run 6: Statistics of QUIC Cubic

Start at: 2017-09-21 15:17:36

End at: 2017-09-21 15:18:06

Run 6: Report of QUIC Cubic — Data Link



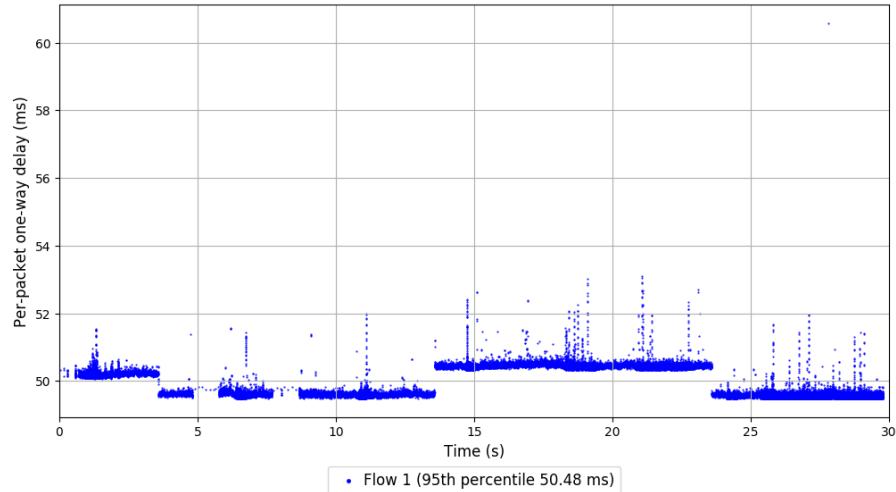
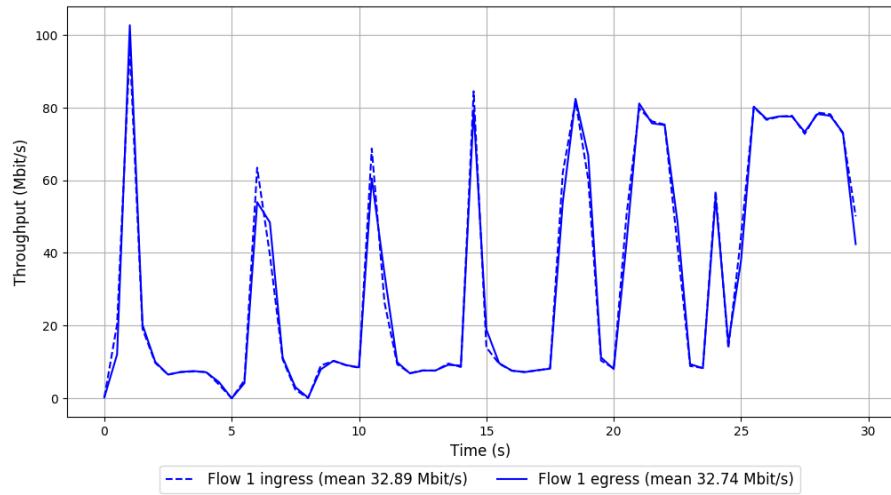
Run 7: Statistics of QUIC Cubic

Start at: 2017-09-21 15:28:10

End at: 2017-09-21 15:28:40

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.74 Mbit/s
95th percentile per-packet one-way delay: 50.483 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 32.74 Mbit/s
95th percentile per-packet one-way delay: 50.483 ms
Loss rate: 0.78%
```

Run 7: Report of QUIC Cubic — Data Link



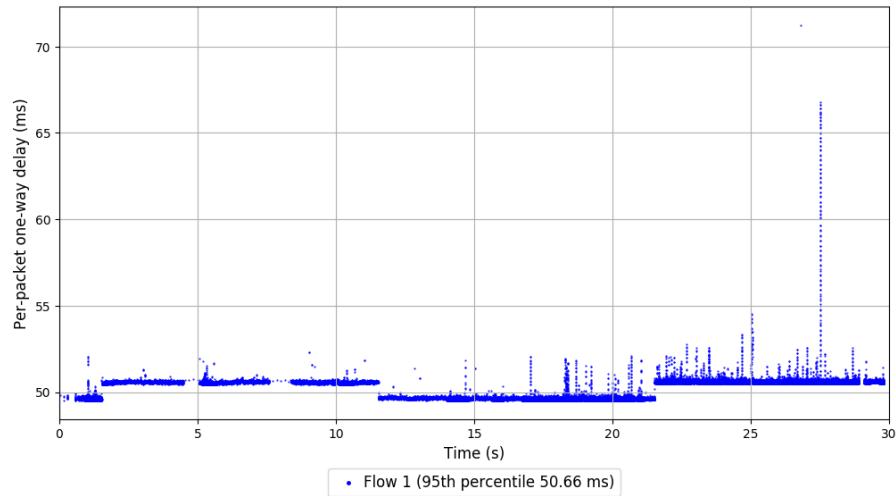
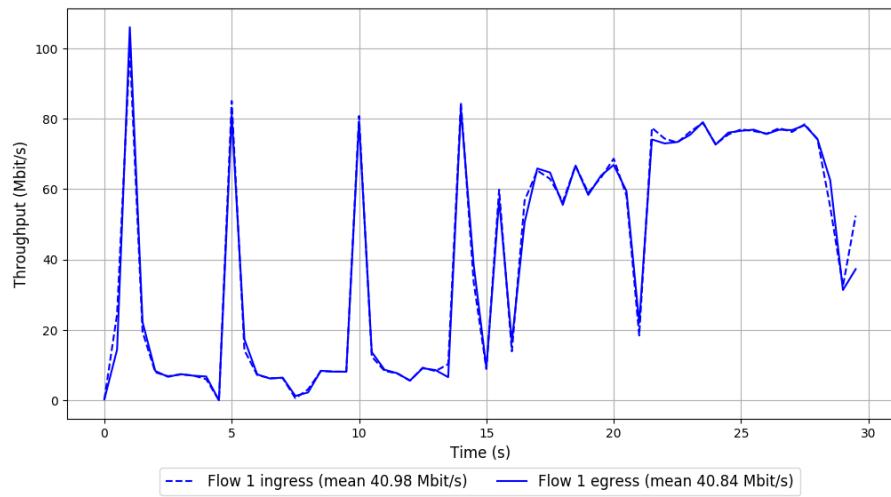
Run 8: Statistics of QUIC Cubic

Start at: 2017-09-21 15:38:52

End at: 2017-09-21 15:39:22

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.84 Mbit/s
95th percentile per-packet one-way delay: 50.660 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 40.84 Mbit/s
95th percentile per-packet one-way delay: 50.660 ms
Loss rate: 0.67%
```

Run 8: Report of QUIC Cubic — Data Link



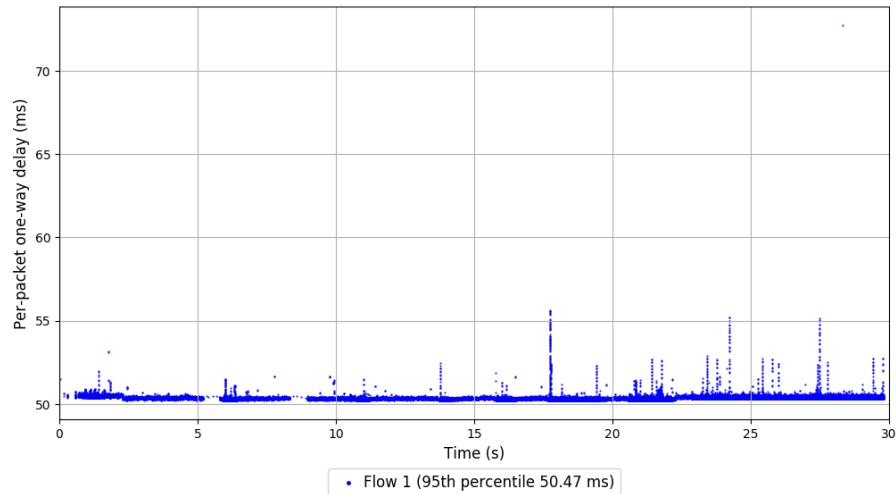
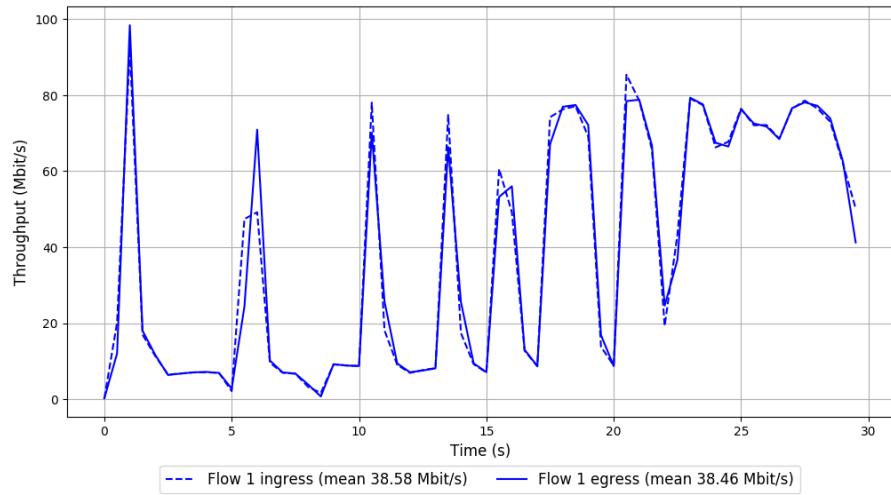
Run 9: Statistics of QUIC Cubic

Start at: 2017-09-21 15:49:31

End at: 2017-09-21 15:50:02

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.46 Mbit/s
95th percentile per-packet one-way delay: 50.472 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 38.46 Mbit/s
95th percentile per-packet one-way delay: 50.472 ms
Loss rate: 0.65%
```

Run 9: Report of QUIC Cubic — Data Link



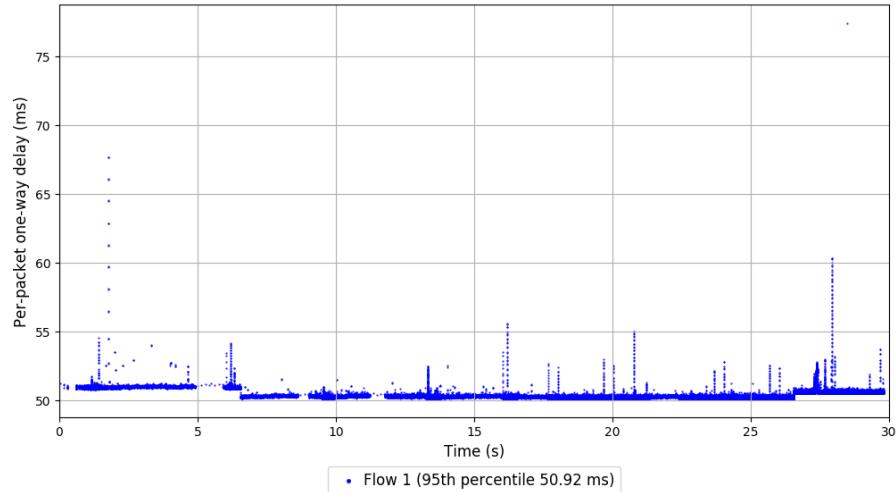
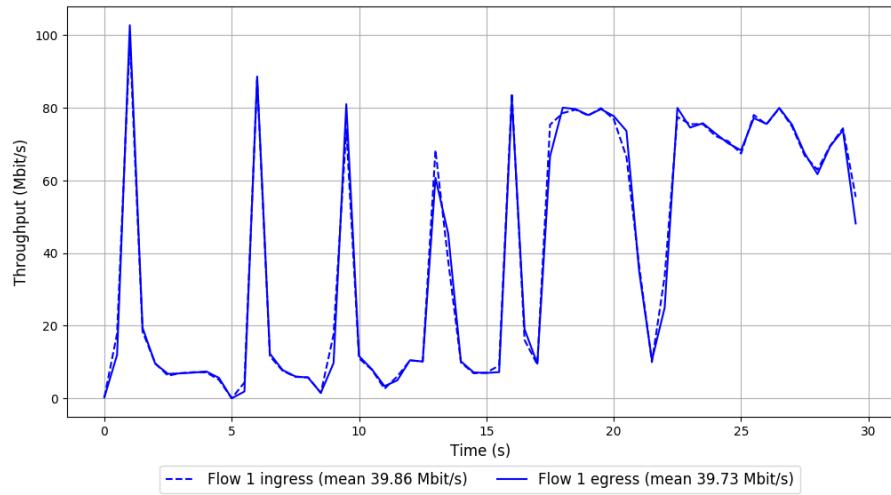
Run 10: Statistics of QUIC Cubic

Start at: 2017-09-21 16:00:17

End at: 2017-09-21 16:00:47

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.73 Mbit/s
95th percentile per-packet one-way delay: 50.920 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 39.73 Mbit/s
95th percentile per-packet one-way delay: 50.920 ms
Loss rate: 0.65%
```

Run 10: Report of QUIC Cubic — Data Link

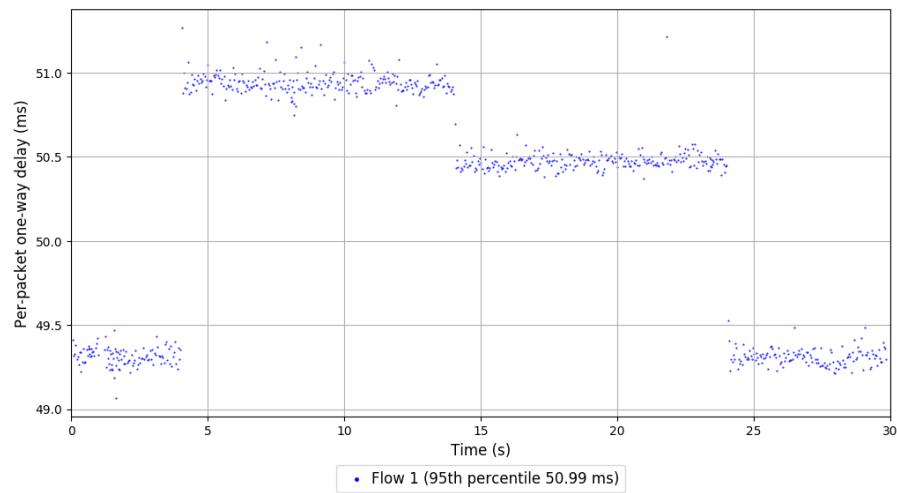
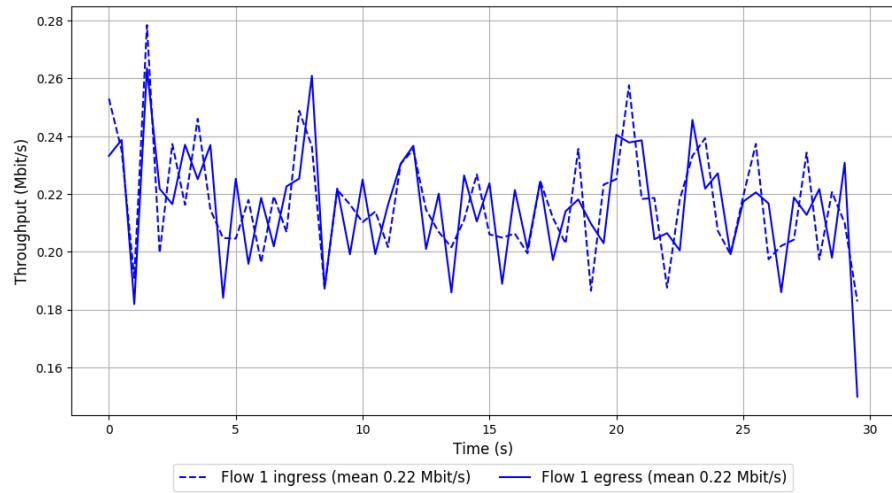


```
Run 1: Statistics of SCReAM

Start at: 2017-09-21 14:31:00
End at: 2017-09-21 14:31:30

# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.988 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.988 ms
Loss rate: 0.38%
```

Run 1: Report of SCReAM — Data Link



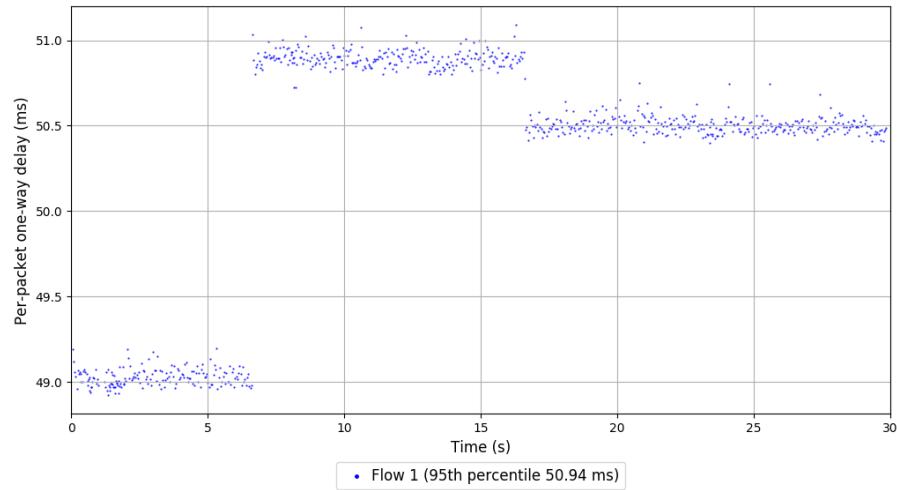
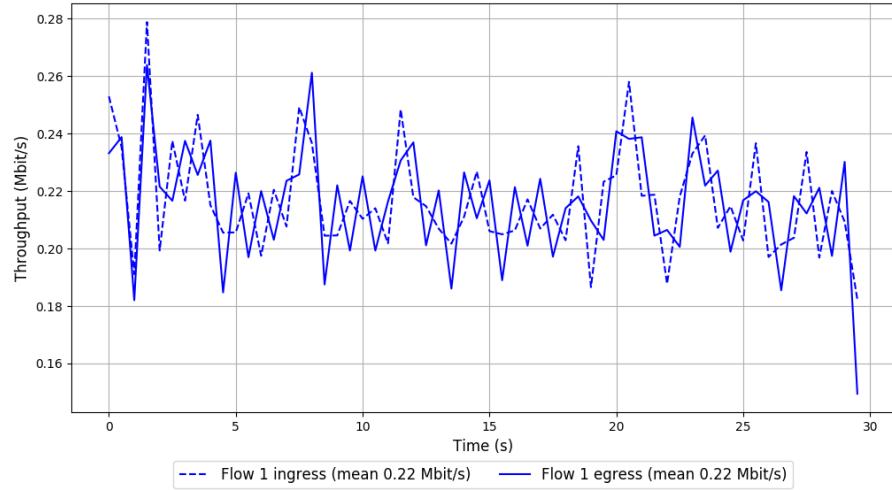
Run 2: Statistics of SCReAM

Start at: 2017-09-21 14:41:27

End at: 2017-09-21 14:41:57

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.943 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.943 ms
Loss rate: 0.38%
```

Run 2: Report of SCReAM — Data Link



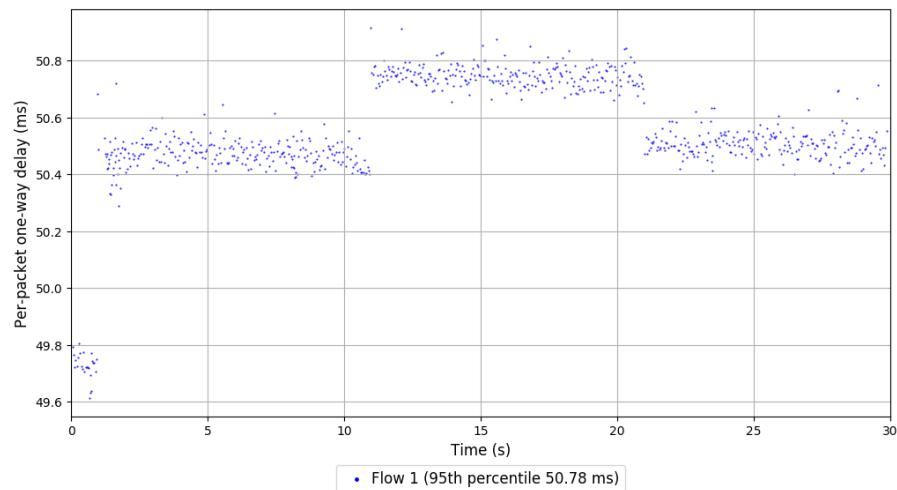
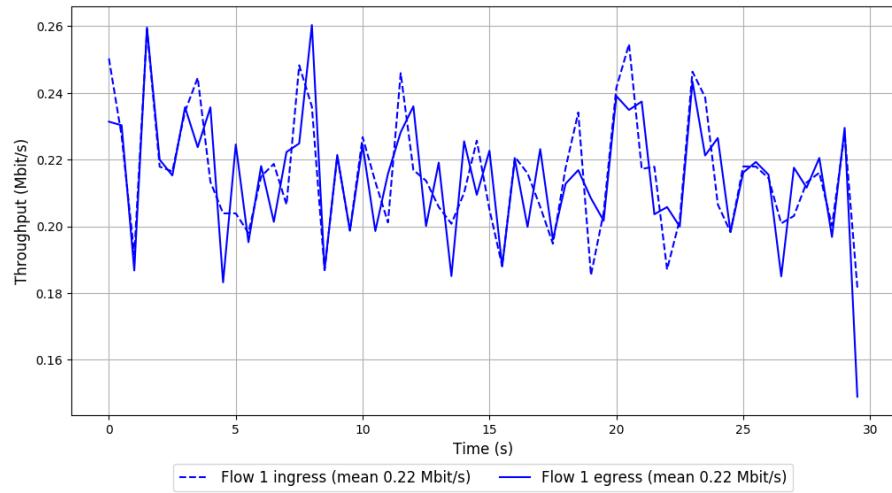
Run 3: Statistics of SCReAM

Start at: 2017-09-21 14:52:13

End at: 2017-09-21 14:52:43

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.782 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.782 ms
Loss rate: 0.38%
```

Run 3: Report of SCReAM — Data Link



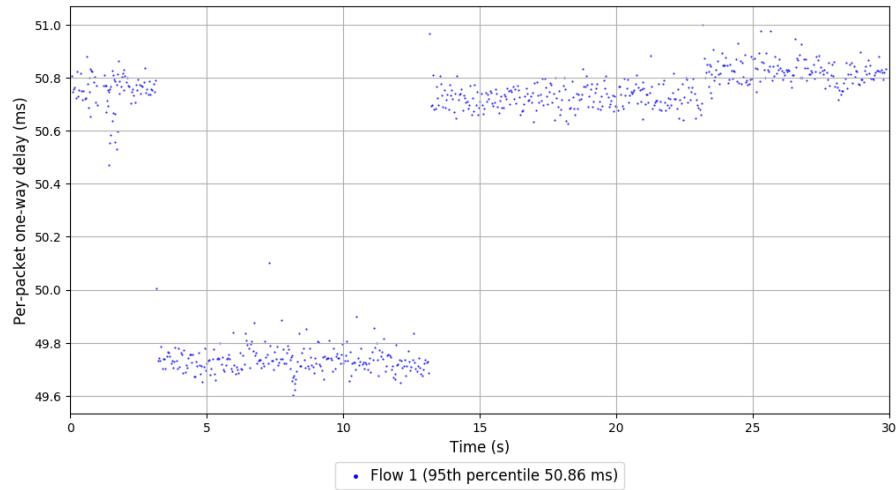
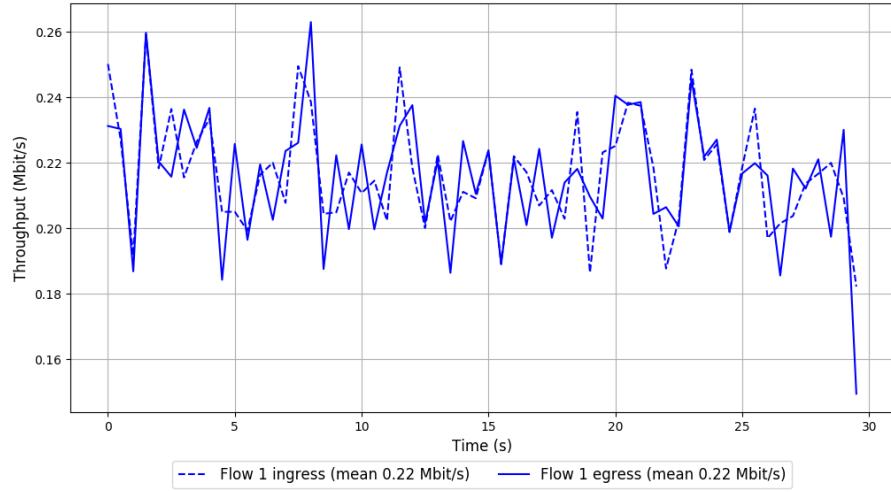
Run 4: Statistics of SCReAM

Start at: 2017-09-21 15:02:51

End at: 2017-09-21 15:03:21

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.857 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.857 ms
Loss rate: 0.38%
```

Run 4: Report of SCReAM — Data Link



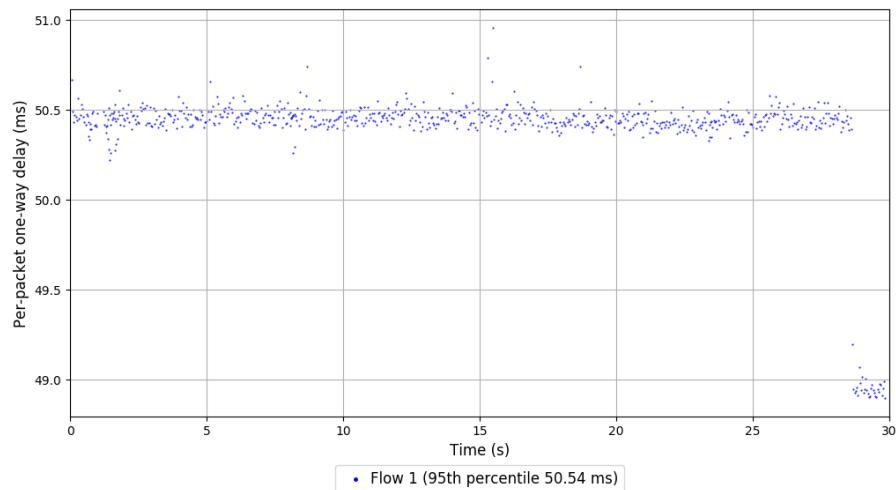
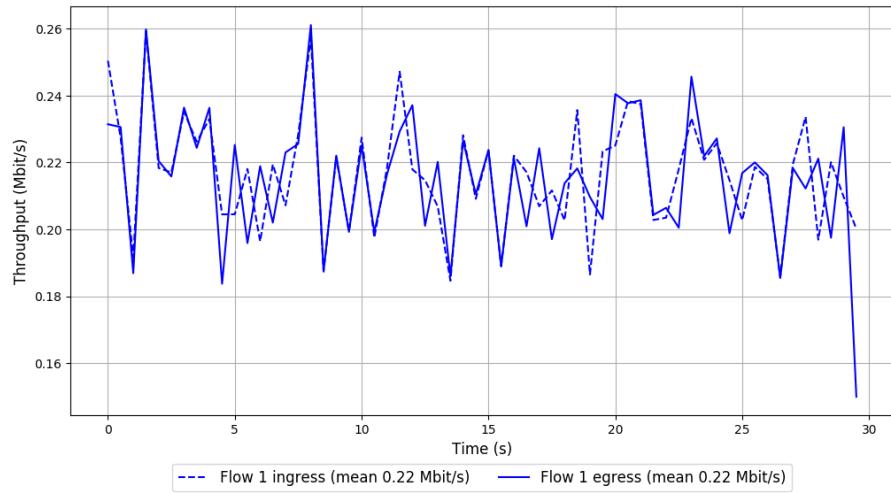
Run 5: Statistics of SCReAM

Start at: 2017-09-21 15:13:35

End at: 2017-09-21 15:14:05

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.540 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.540 ms
Loss rate: 0.51%
```

Run 5: Report of SCReAM — Data Link



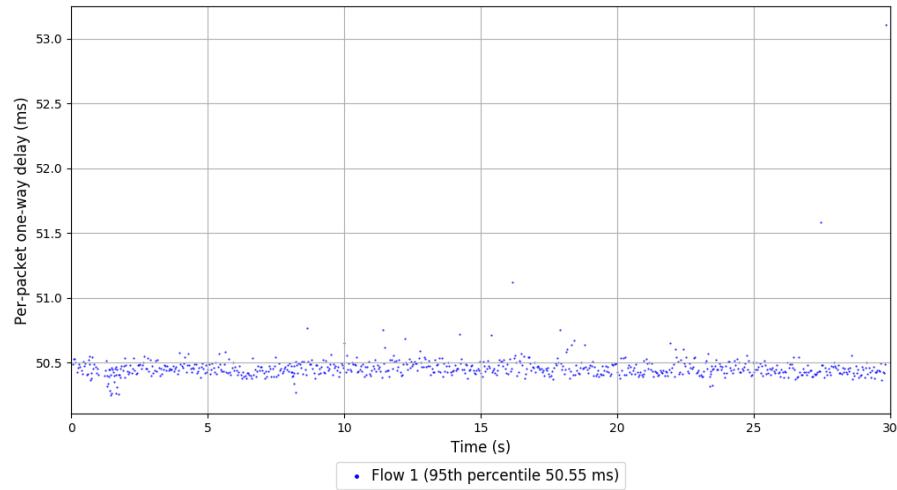
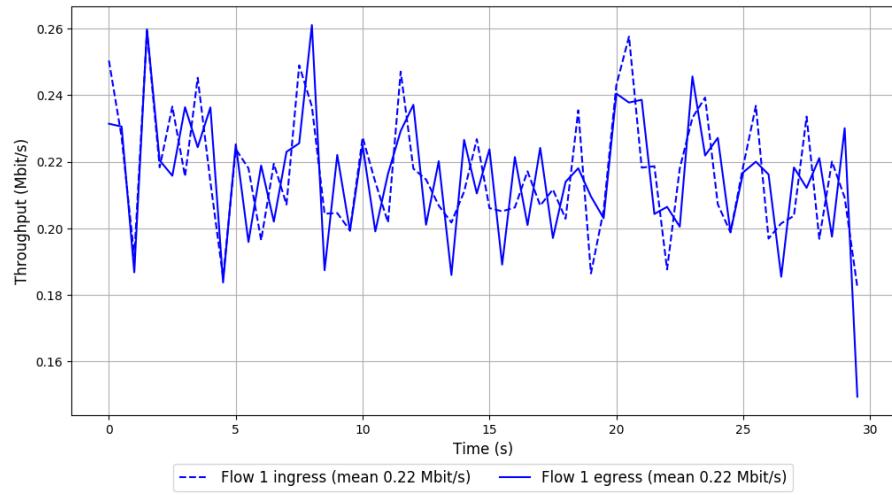
Run 6: Statistics of SCReAM

Start at: 2017-09-21 15:23:59

End at: 2017-09-21 15:24:29

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.545 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.545 ms
Loss rate: 0.38%
```

Run 6: Report of SCReAM — Data Link



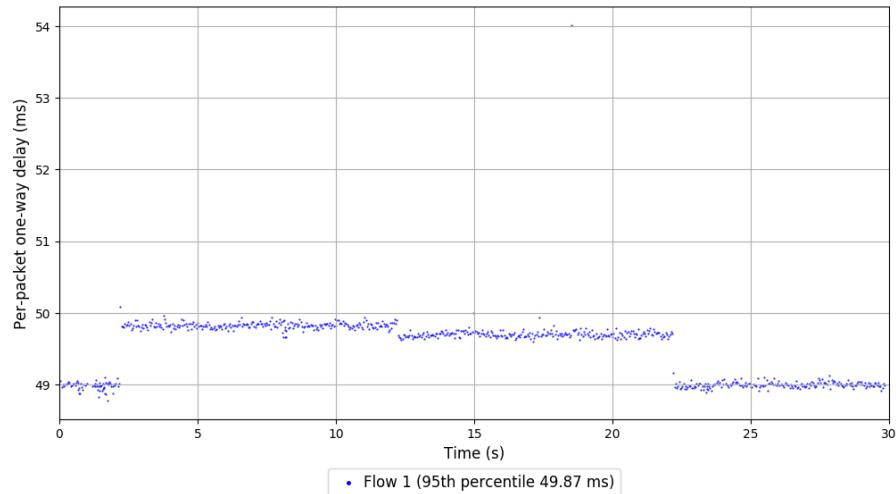
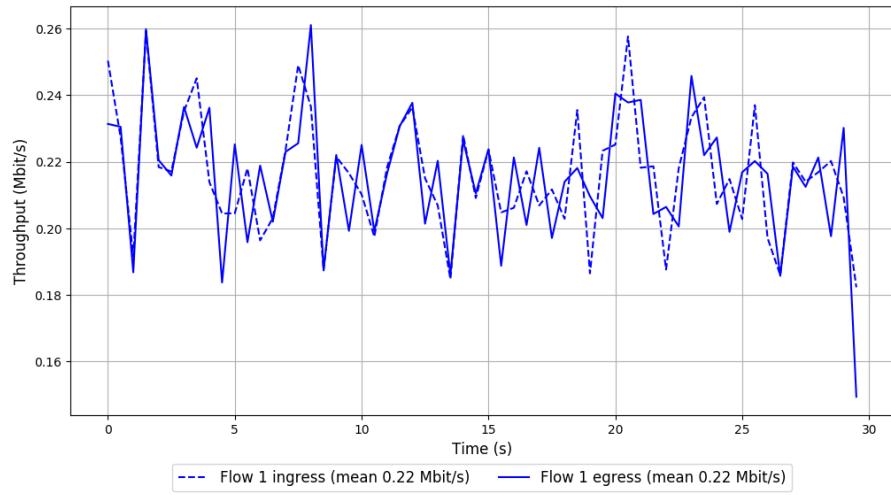
Run 7: Statistics of SCReAM

Start at: 2017-09-21 15:34:42

End at: 2017-09-21 15:35:12

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.867 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.867 ms
Loss rate: 0.38%
```

Run 7: Report of SCReAM — Data Link



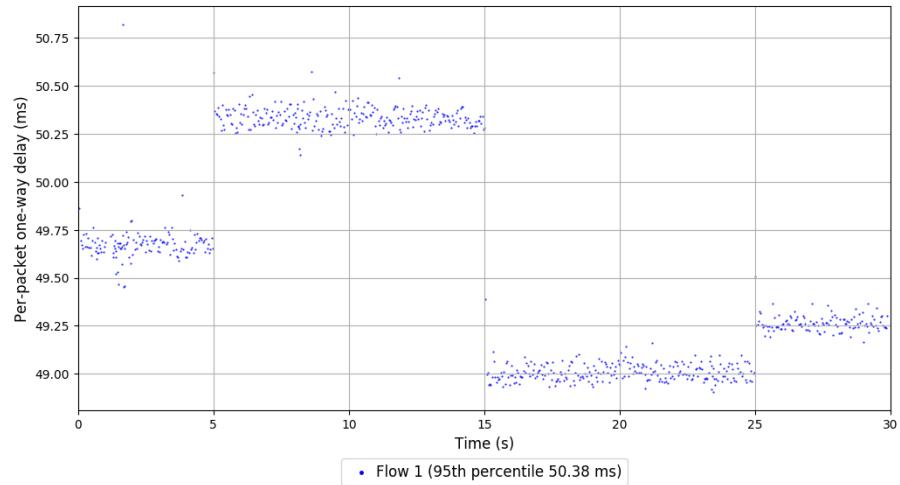
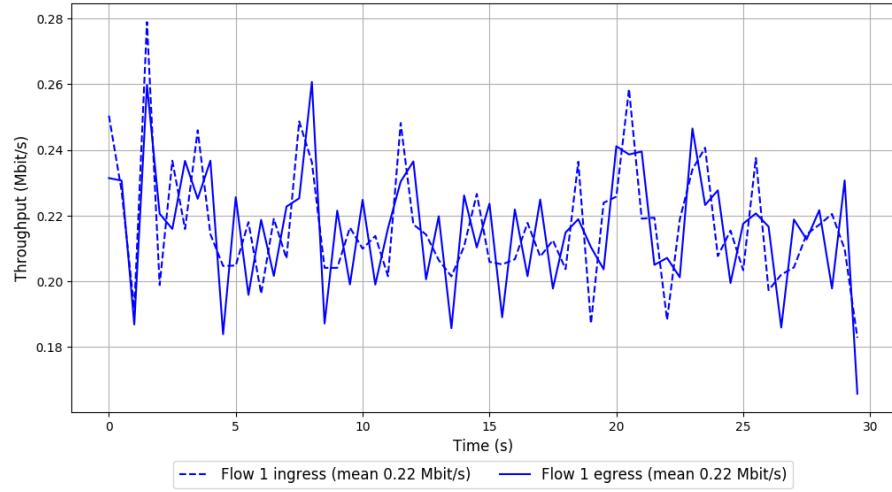
Run 8: Statistics of SCReAM

Start at: 2017-09-21 15:45:19

End at: 2017-09-21 15:45:49

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.383 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.383 ms
Loss rate: 0.26%
```

Run 8: Report of SCReAM — Data Link



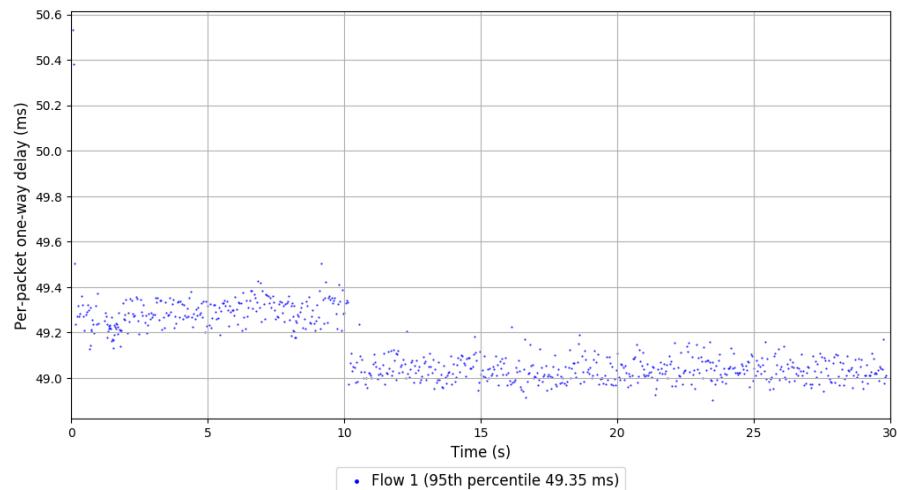
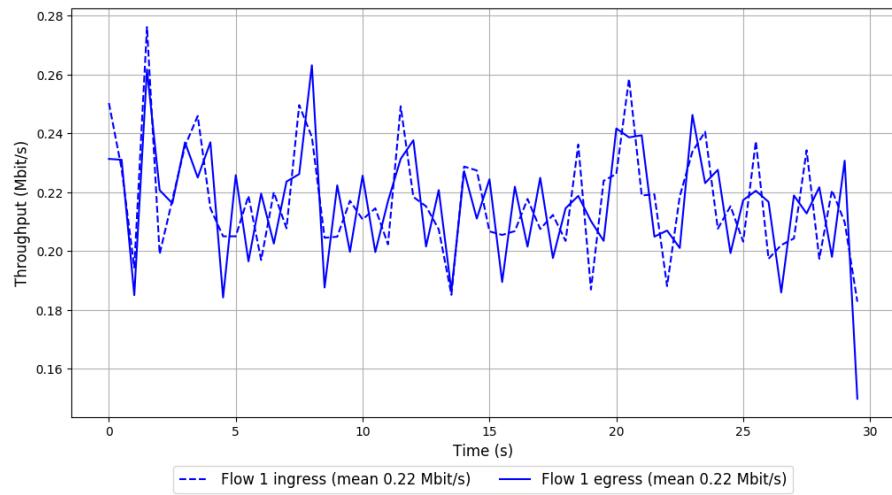
Run 9: Statistics of SCReAM

Start at: 2017-09-21 15:56:04

End at: 2017-09-21 15:56:34

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.350 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 49.350 ms
Loss rate: 0.38%
```

Run 9: Report of SCReAM — Data Link

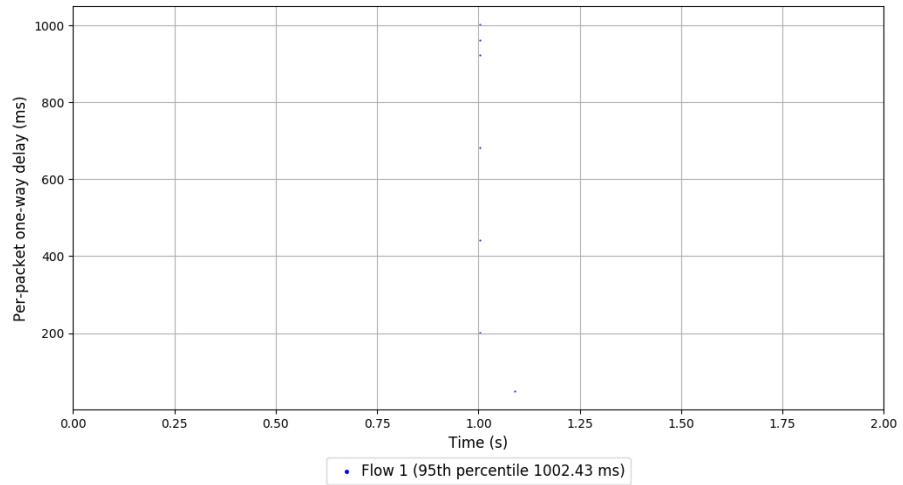
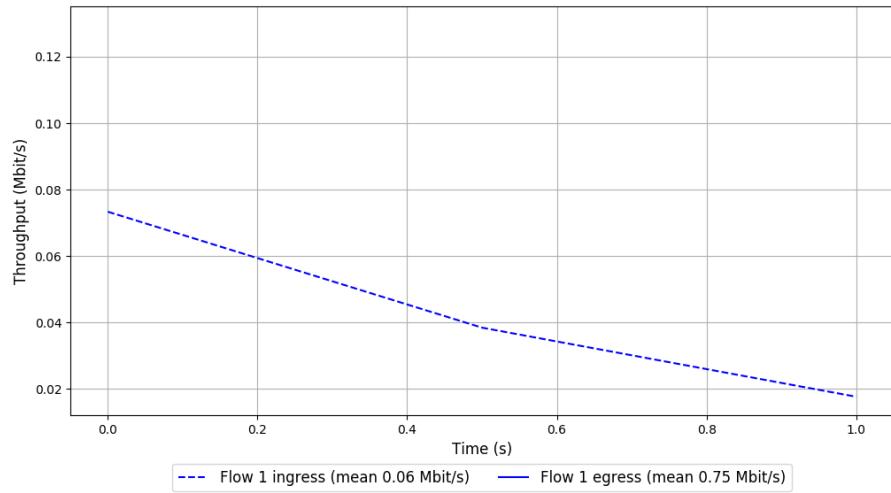


Run 10: Statistics of SCReAM

Start at: 2017-09-21 16:06:48

End at: 2017-09-21 16:07:19

Run 10: Report of SCReAM — Data Link

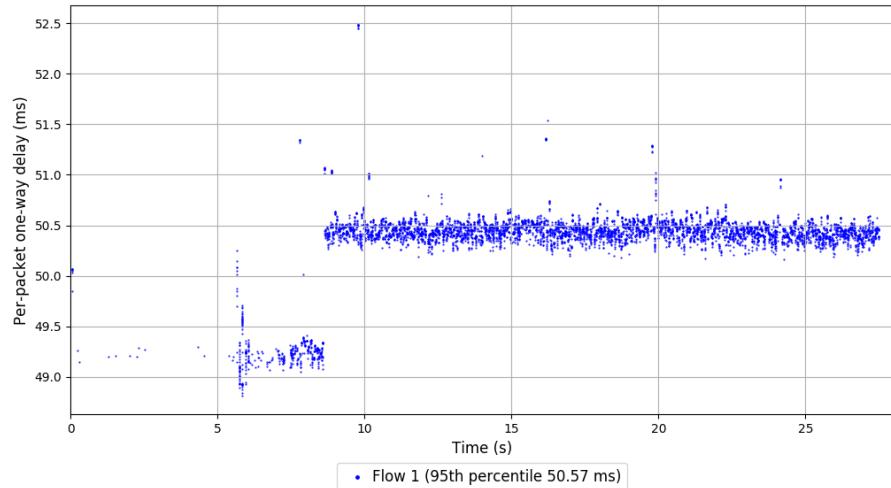
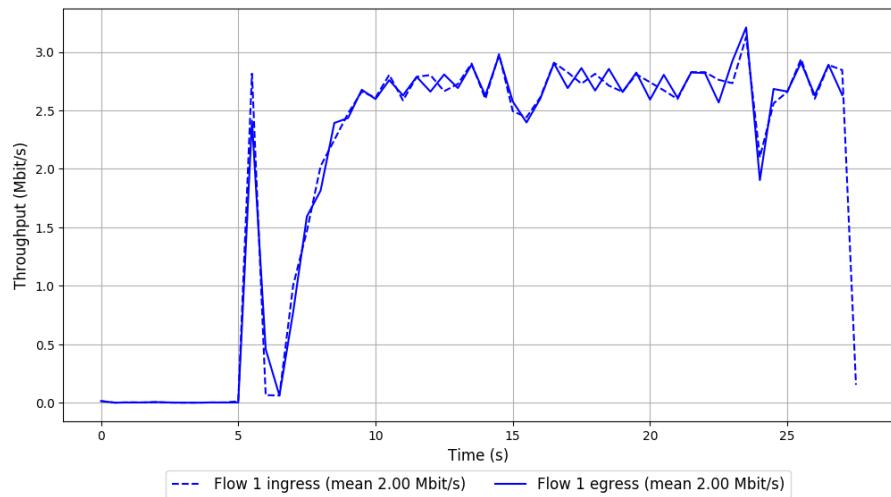


```
Run 1: Statistics of WebRTC media

Start at: 2017-09-21 14:28:53
End at: 2017-09-21 14:29:23

# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 50.573 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 50.573 ms
Loss rate: 0.53%
```

Run 1: Report of WebRTC media — Data Link



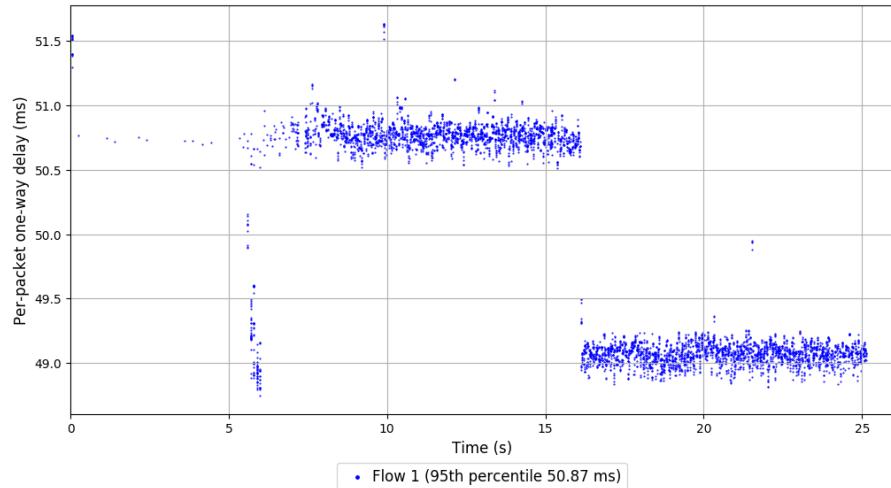
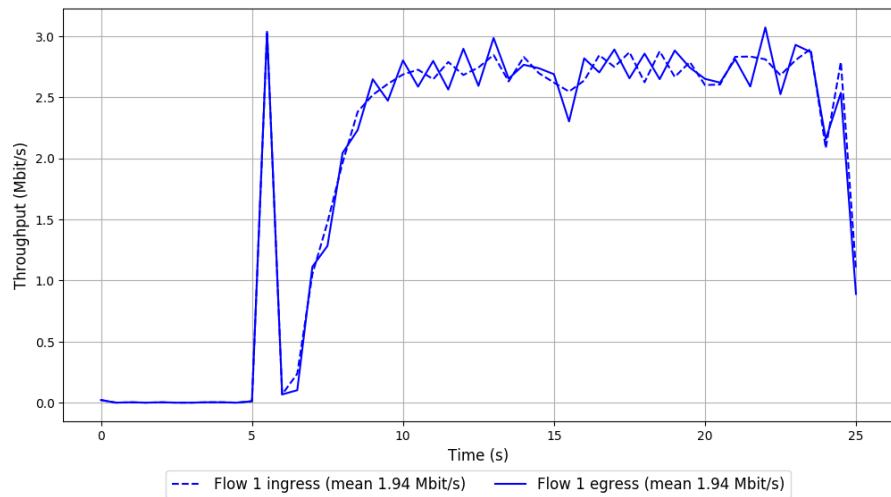
Run 2: Statistics of WebRTC media

Start at: 2017-09-21 14:39:13

End at: 2017-09-21 14:39:43

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.94 Mbit/s
95th percentile per-packet one-way delay: 50.868 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 1.94 Mbit/s
95th percentile per-packet one-way delay: 50.868 ms
Loss rate: 0.66%
```

Run 2: Report of WebRTC media — Data Link



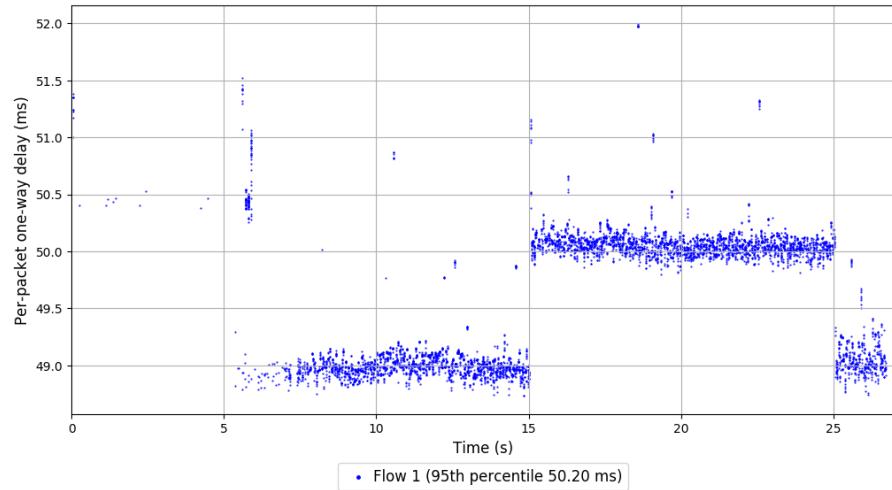
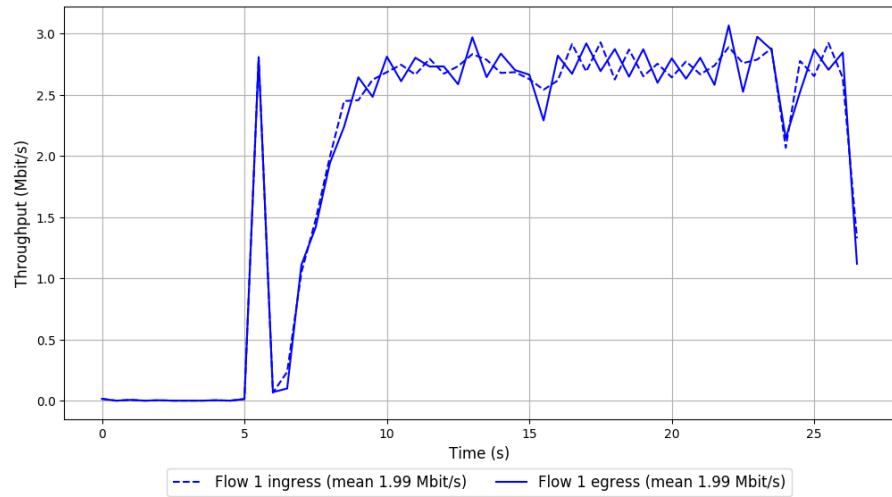
Run 3: Statistics of WebRTC media

Start at: 2017-09-21 14:49:56

End at: 2017-09-21 14:50:26

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.99 Mbit/s
95th percentile per-packet one-way delay: 50.204 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 1.99 Mbit/s
95th percentile per-packet one-way delay: 50.204 ms
Loss rate: 0.42%
```

Run 3: Report of WebRTC media — Data Link

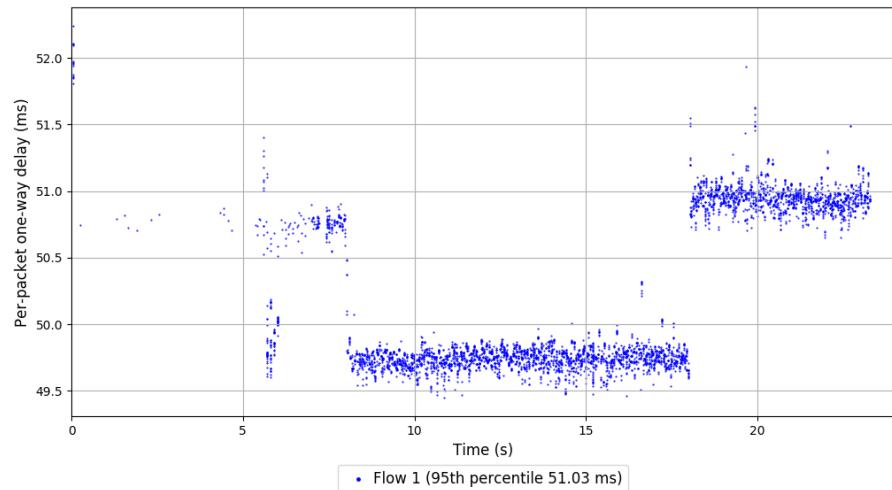
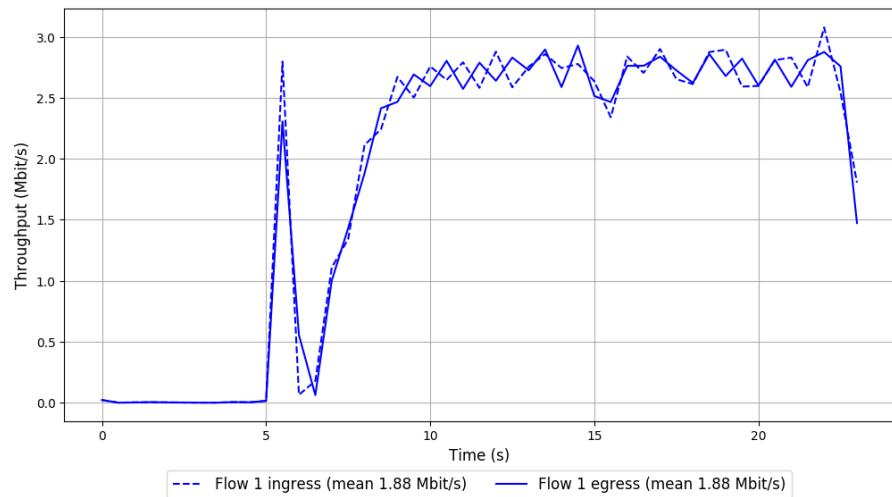


Run 4: Statistics of WebRTC media

Start at: 2017-09-21 15:00:39

End at: 2017-09-21 15:01:09

Run 4: Report of WebRTC media — Data Link

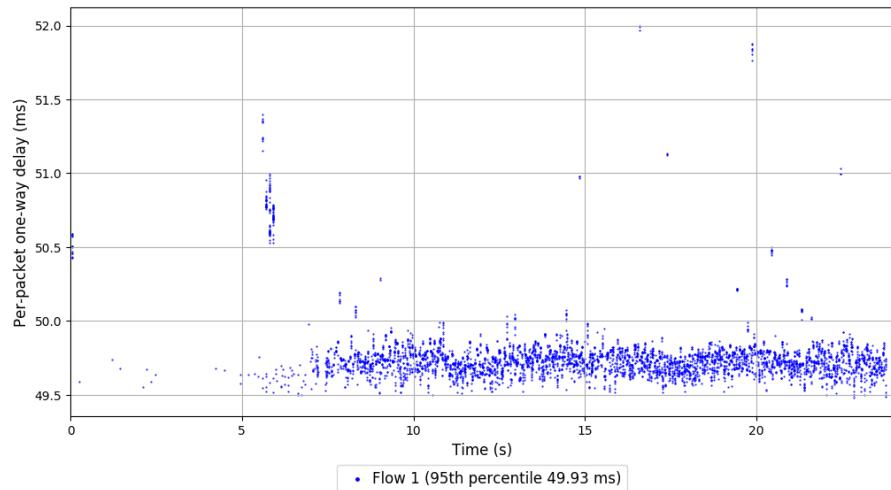
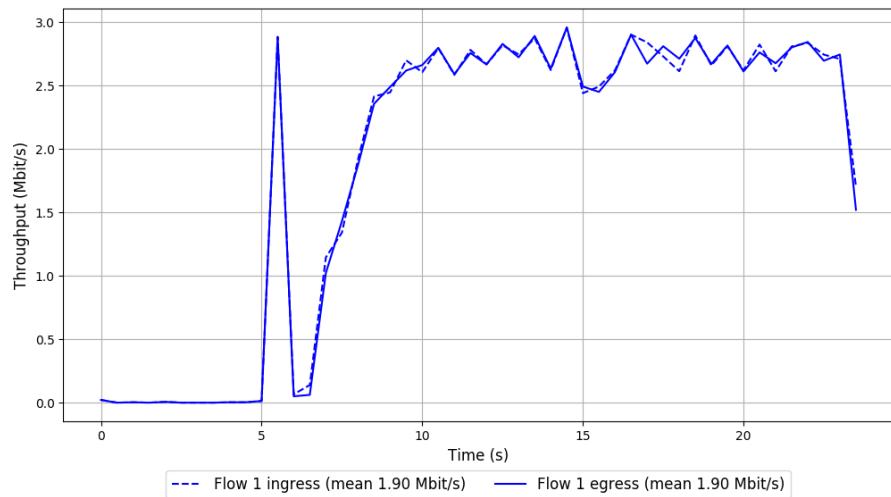


Run 5: Statistics of WebRTC media

Start at: 2017-09-21 15:11:21

End at: 2017-09-21 15:11:51

Run 5: Report of WebRTC media — Data Link



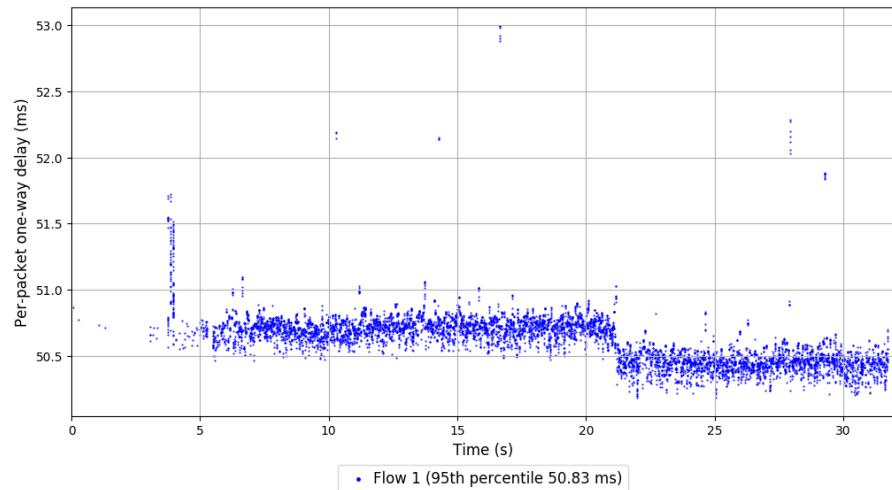
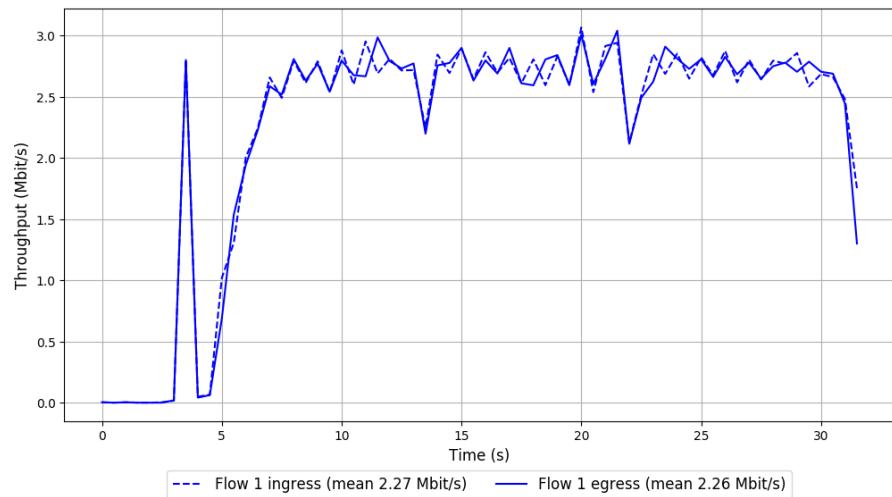
Run 6: Statistics of WebRTC media

Start at: 2017-09-21 15:21:45

End at: 2017-09-21 15:22:15

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 50.827 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 50.827 ms
Loss rate: 0.45%
```

Run 6: Report of WebRTC media — Data Link

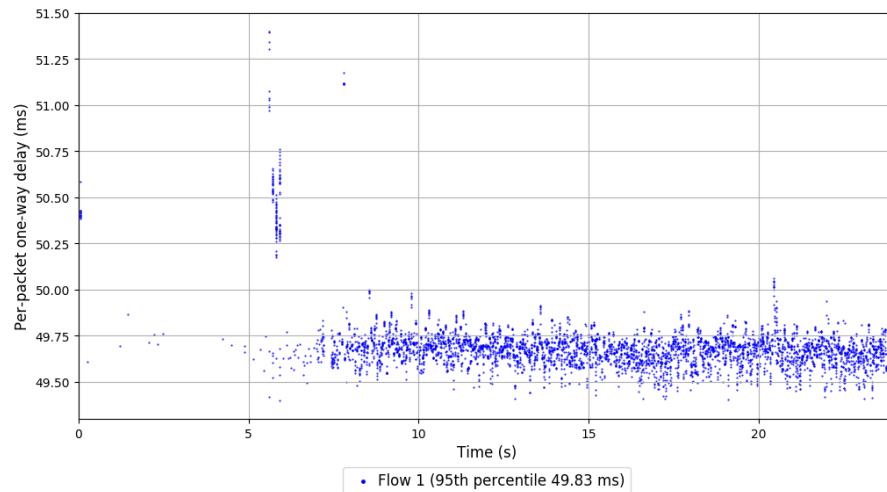
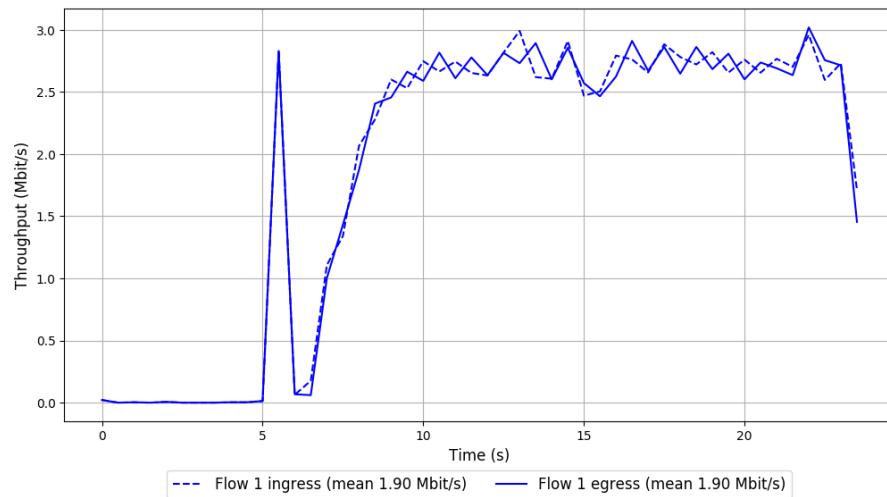


Run 7: Statistics of WebRTC media

Start at: 2017-09-21 15:32:26

End at: 2017-09-21 15:32:57

Run 7: Report of WebRTC media — Data Link

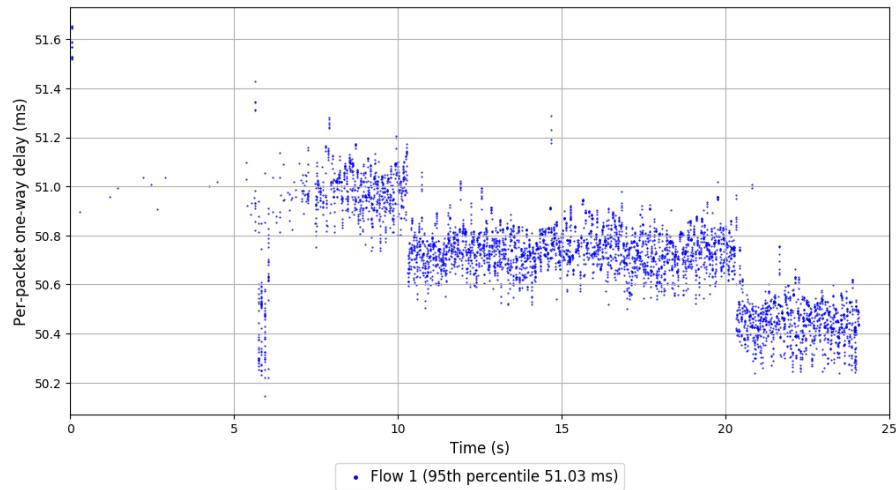
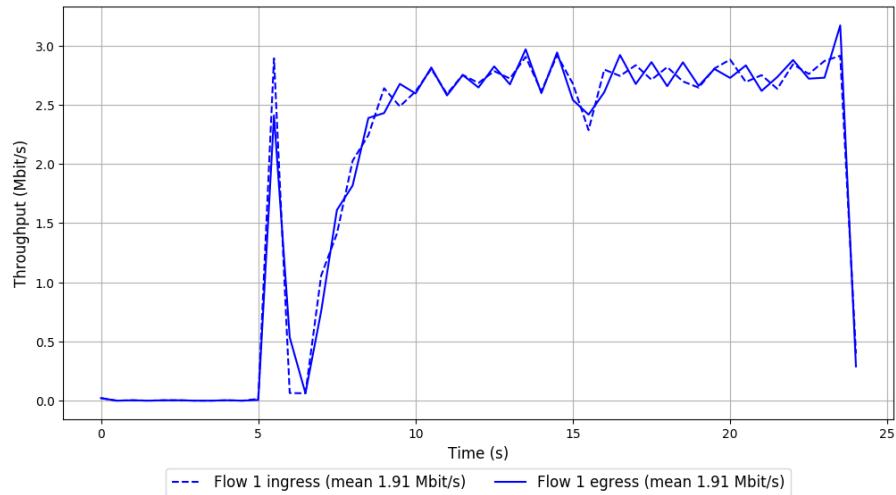


```
Run 8: Statistics of WebRTC media

Start at: 2017-09-21 15:43:08
End at: 2017-09-21 15:43:38

# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 51.033 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 51.033 ms
Loss rate: 0.29%
```

Run 8: Report of WebRTC media — Data Link

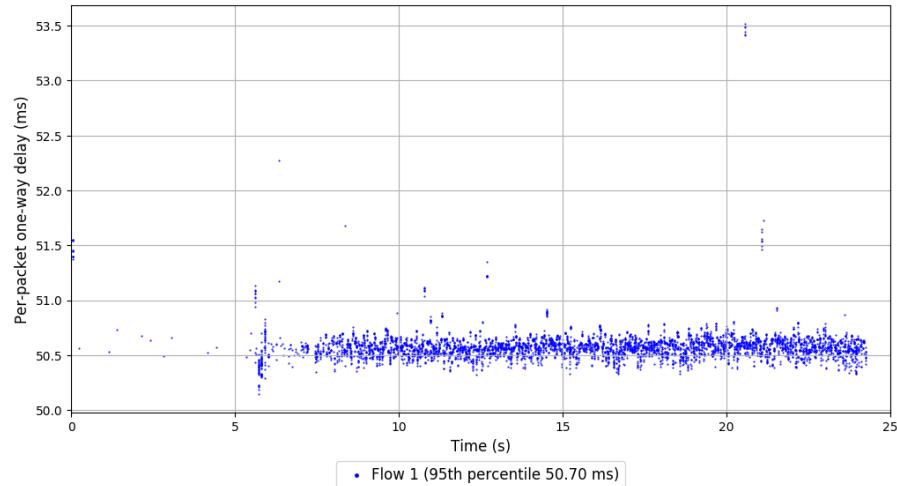
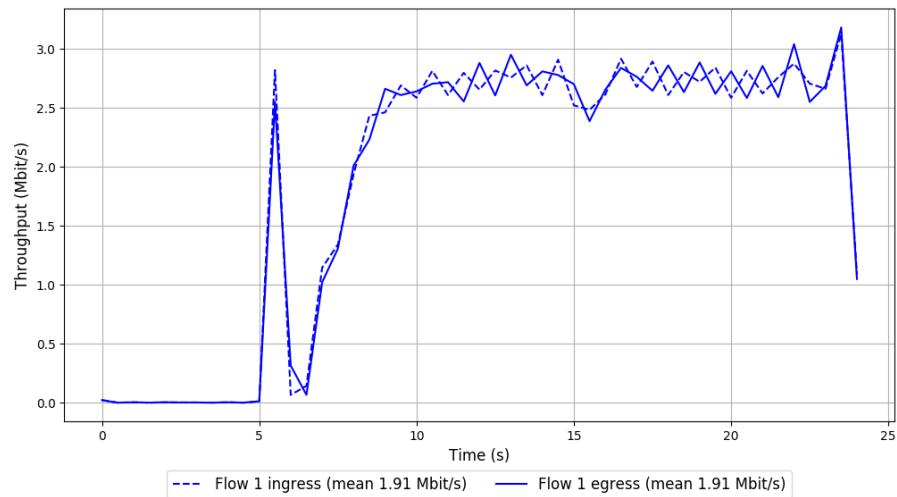


```
Run 9: Statistics of WebRTC media

Start at: 2017-09-21 15:53:47
End at: 2017-09-21 15:54:17

# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 50.705 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 50.705 ms
Loss rate: 0.36%
```

Run 9: Report of WebRTC media — Data Link



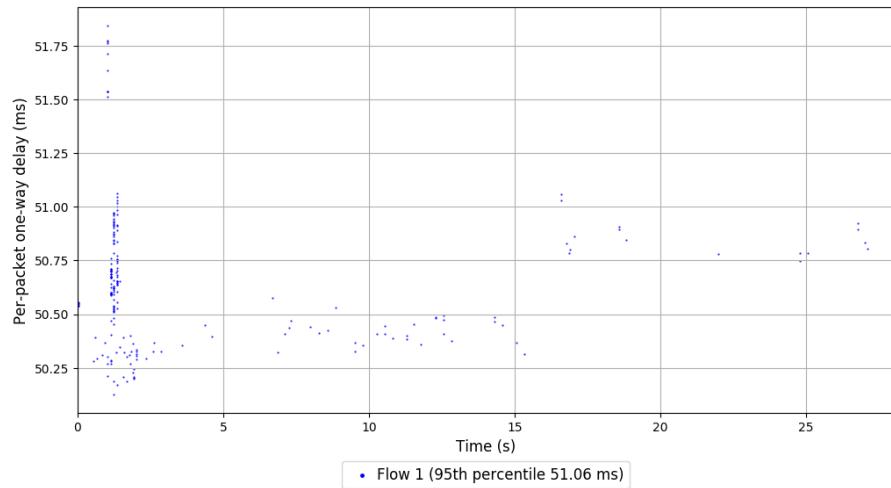
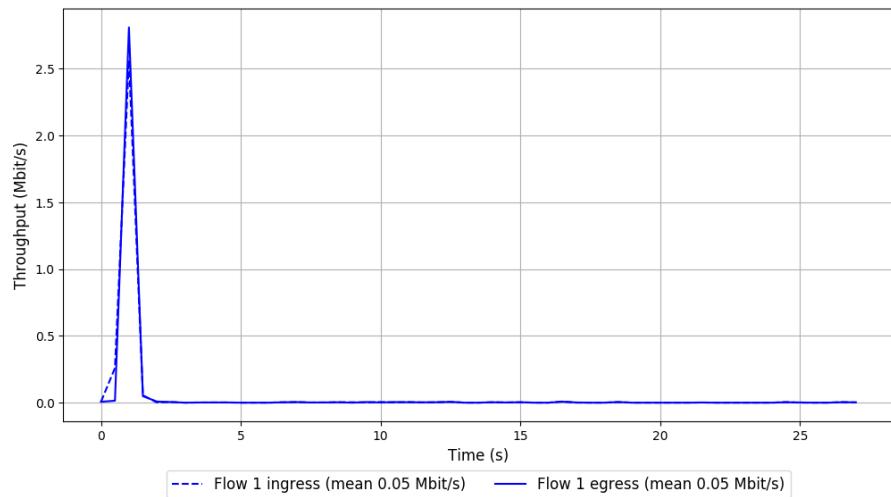
Run 10: Statistics of WebRTC media

Start at: 2017-09-21 16:04:36

End at: 2017-09-21 16:05:06

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 51.061 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 51.061 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link



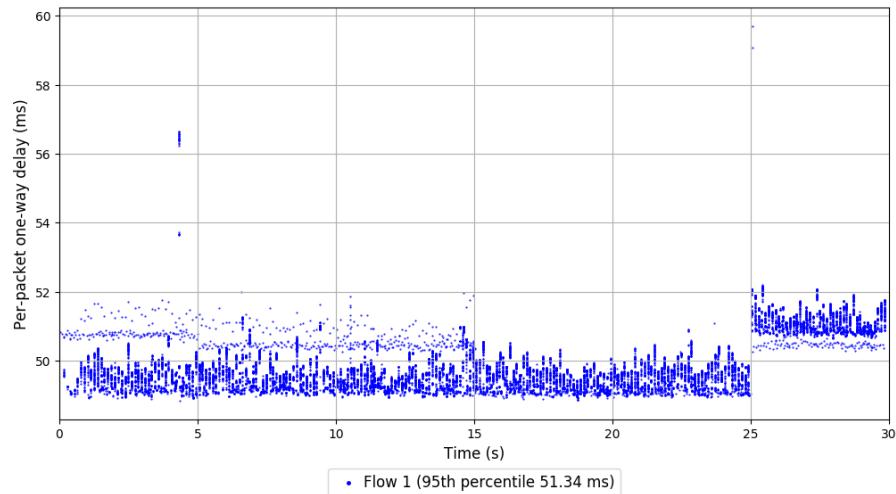
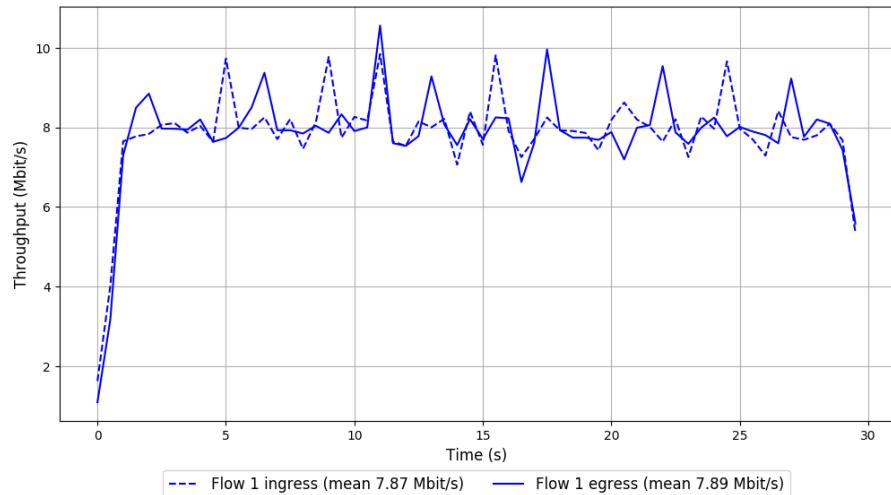
Run 1: Statistics of Sprout

Start at: 2017-09-21 14:26:49

End at: 2017-09-21 14:27:19

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.89 Mbit/s
95th percentile per-packet one-way delay: 51.335 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 7.89 Mbit/s
95th percentile per-packet one-way delay: 51.335 ms
Loss rate: 0.07%
```

Run 1: Report of Sprout — Data Link



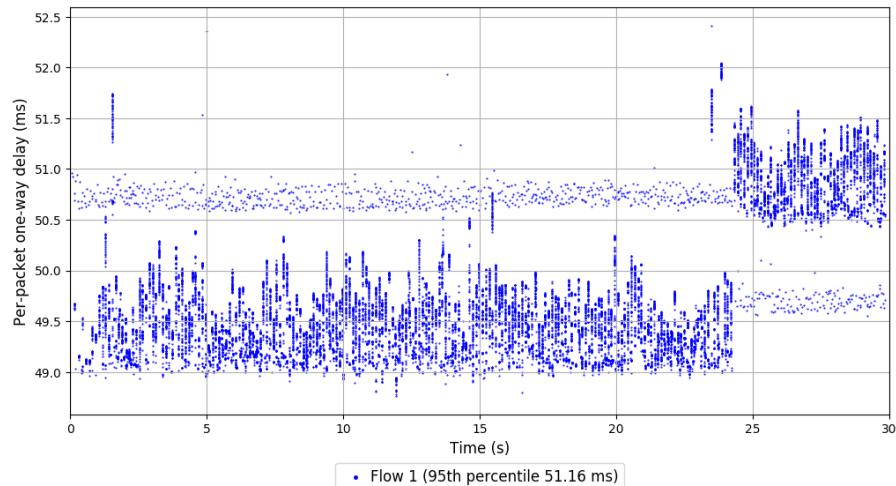
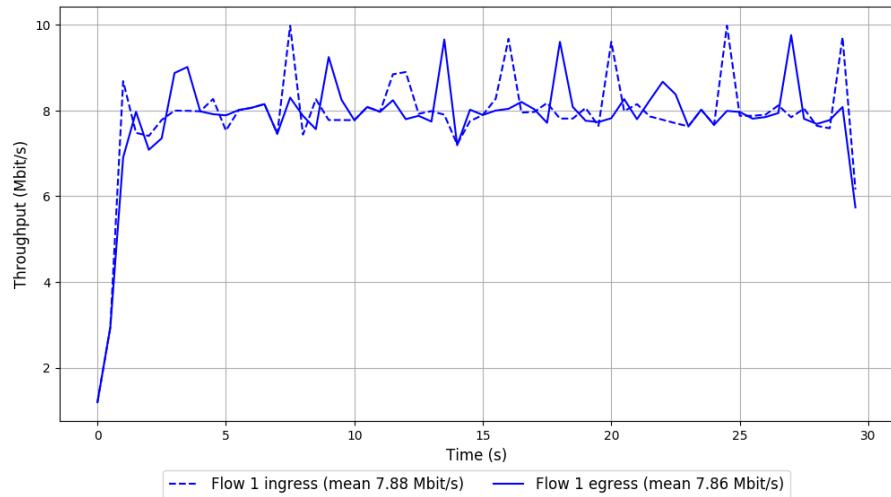
Run 2: Statistics of Sprout

Start at: 2017-09-21 14:37:09

End at: 2017-09-21 14:37:40

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.86 Mbit/s
95th percentile per-packet one-way delay: 51.156 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 7.86 Mbit/s
95th percentile per-packet one-way delay: 51.156 ms
Loss rate: 0.55%
```

Run 2: Report of Sprout — Data Link



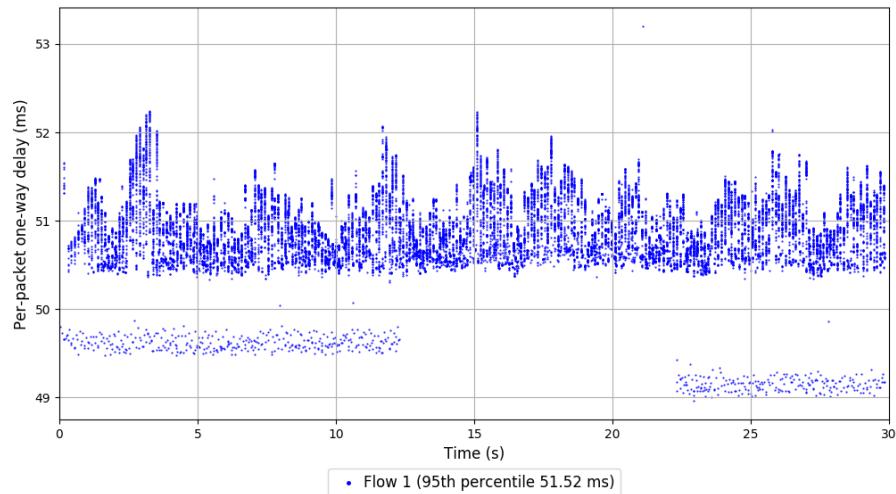
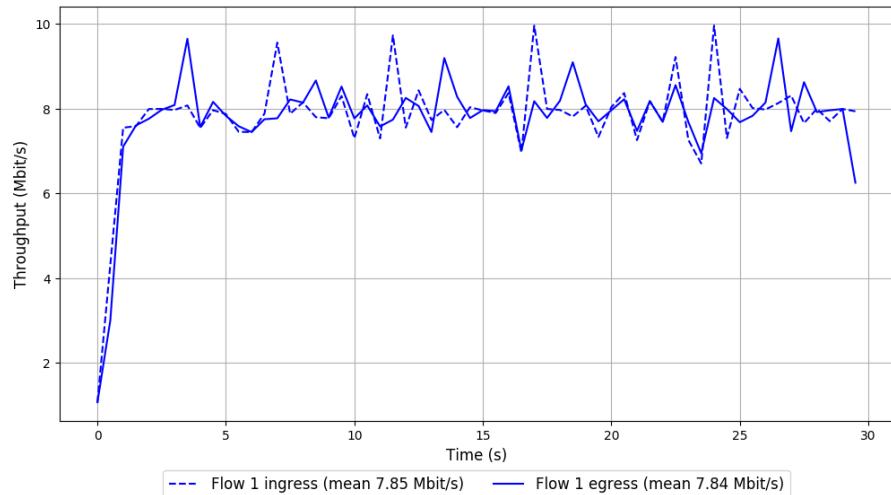
Run 3: Statistics of Sprout

Start at: 2017-09-21 14:47:52

End at: 2017-09-21 14:48:22

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.84 Mbit/s
95th percentile per-packet one-way delay: 51.517 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 7.84 Mbit/s
95th percentile per-packet one-way delay: 51.517 ms
Loss rate: 0.38%
```

Run 3: Report of Sprout — Data Link



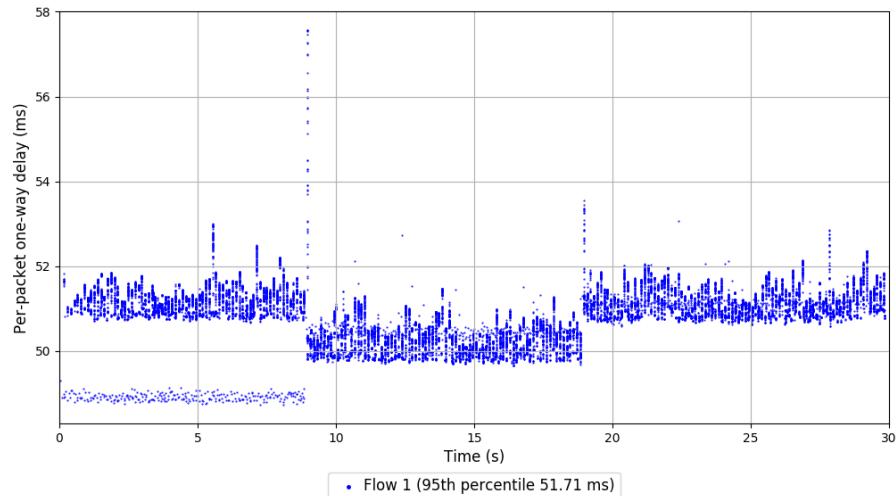
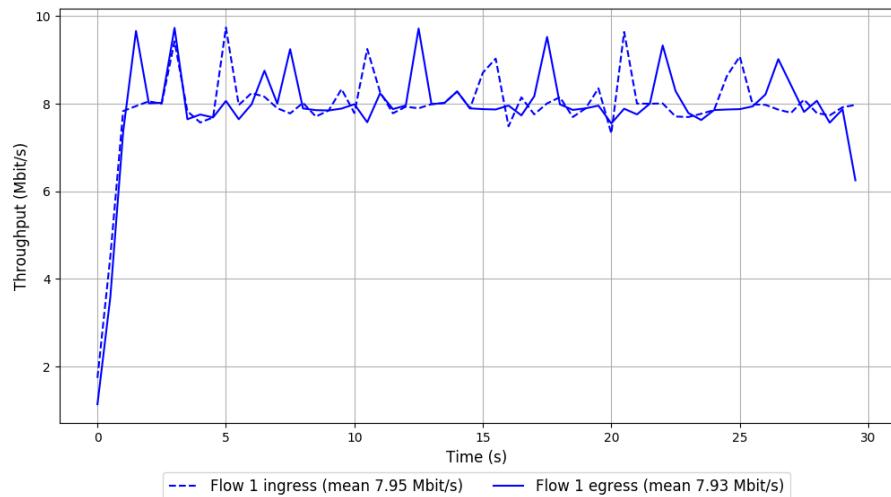
Run 4: Statistics of Sprout

Start at: 2017-09-21 14:58:35

End at: 2017-09-21 14:59:05

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.93 Mbit/s
95th percentile per-packet one-way delay: 51.713 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 7.93 Mbit/s
95th percentile per-packet one-way delay: 51.713 ms
Loss rate: 0.49%
```

Run 4: Report of Sprout — Data Link



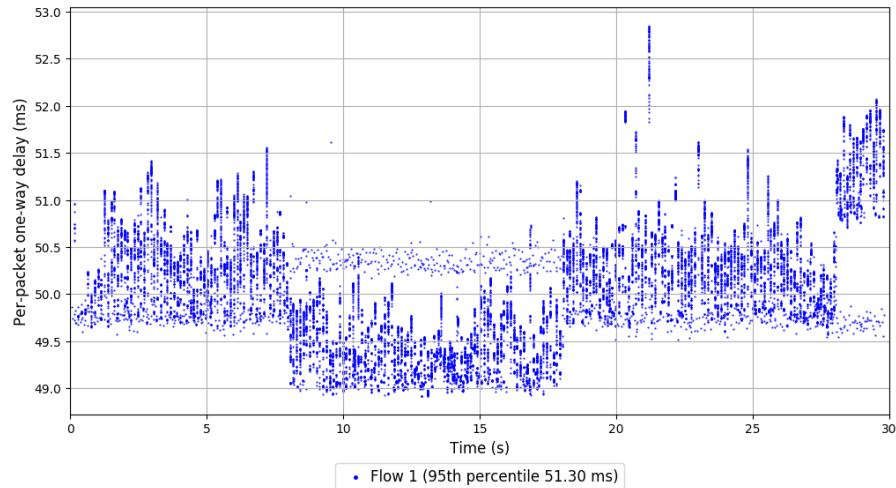
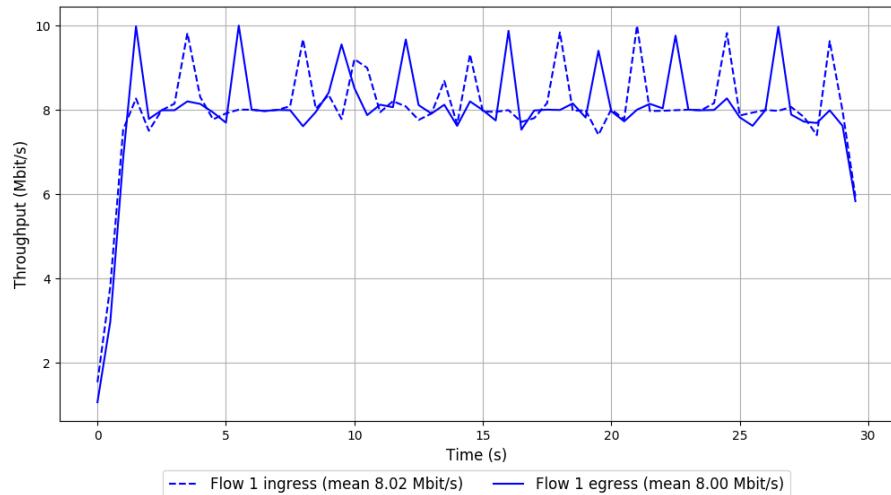
Run 5: Statistics of Sprout

Start at: 2017-09-21 15:09:16

End at: 2017-09-21 15:09:46

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.00 Mbit/s
95th percentile per-packet one-way delay: 51.302 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 8.00 Mbit/s
95th percentile per-packet one-way delay: 51.302 ms
Loss rate: 0.52%
```

Run 5: Report of Sprout — Data Link



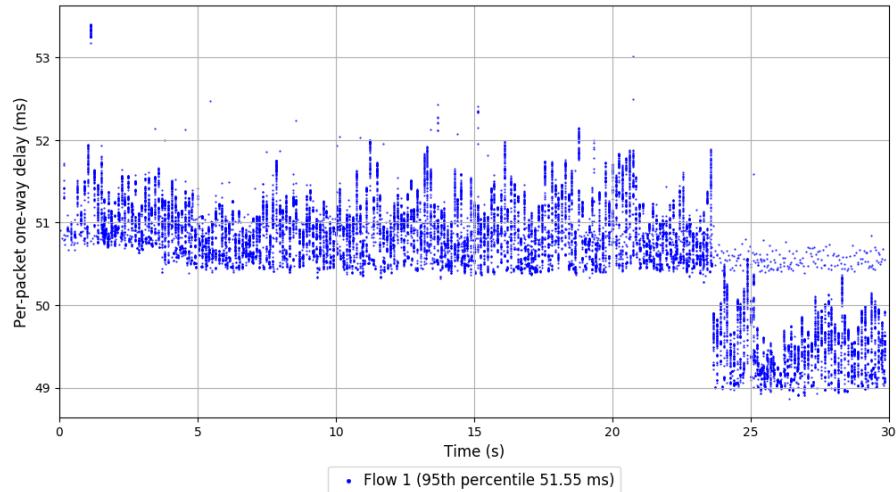
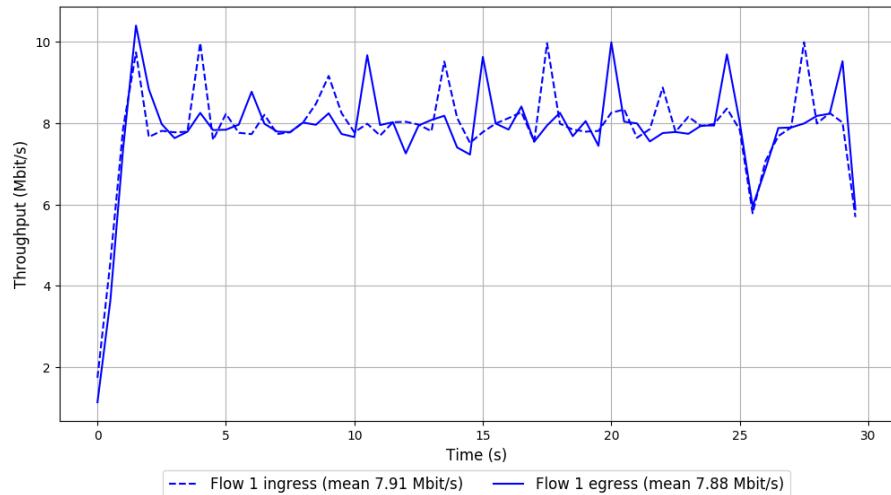
Run 6: Statistics of Sprout

Start at: 2017-09-21 15:19:40

End at: 2017-09-21 15:20:10

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.88 Mbit/s
95th percentile per-packet one-way delay: 51.548 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 7.88 Mbit/s
95th percentile per-packet one-way delay: 51.548 ms
Loss rate: 0.59%
```

Run 6: Report of Sprout — Data Link



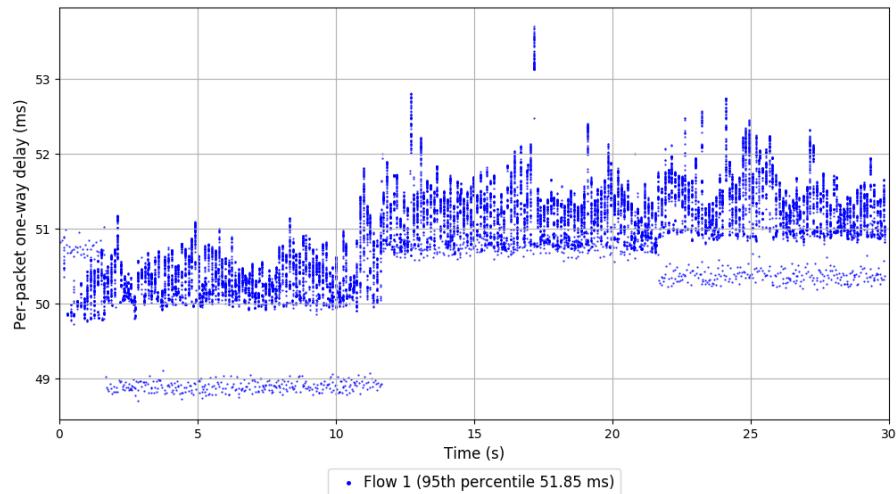
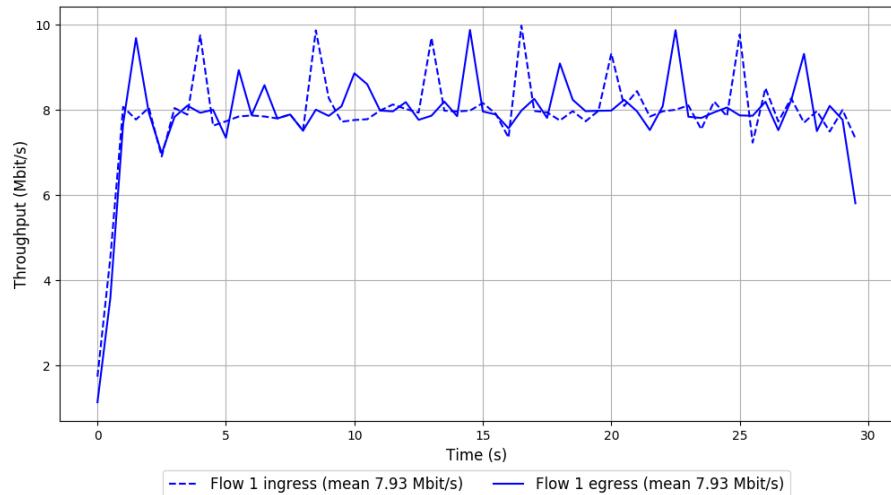
Run 7: Statistics of Sprout

Start at: 2017-09-21 15:30:22

End at: 2017-09-21 15:30:52

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.93 Mbit/s
95th percentile per-packet one-way delay: 51.846 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 7.93 Mbit/s
95th percentile per-packet one-way delay: 51.846 ms
Loss rate: 0.42%
```

Run 7: Report of Sprout — Data Link



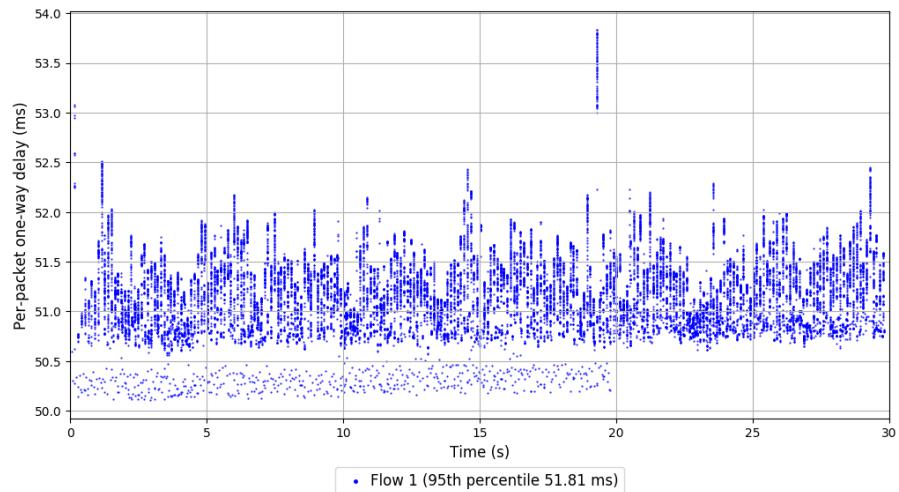
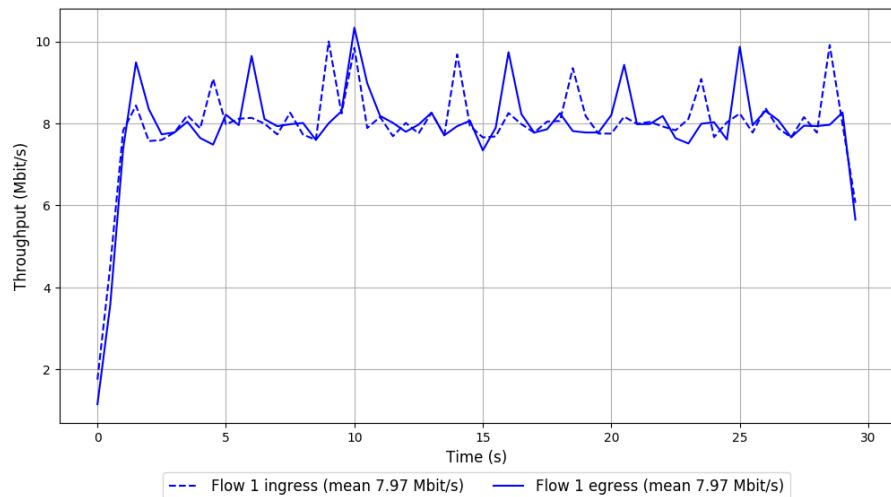
Run 8: Statistics of Sprout

Start at: 2017-09-21 15:41:04

End at: 2017-09-21 15:41:34

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.97 Mbit/s
95th percentile per-packet one-way delay: 51.809 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 7.97 Mbit/s
95th percentile per-packet one-way delay: 51.809 ms
Loss rate: 0.47%
```

Run 8: Report of Sprout — Data Link



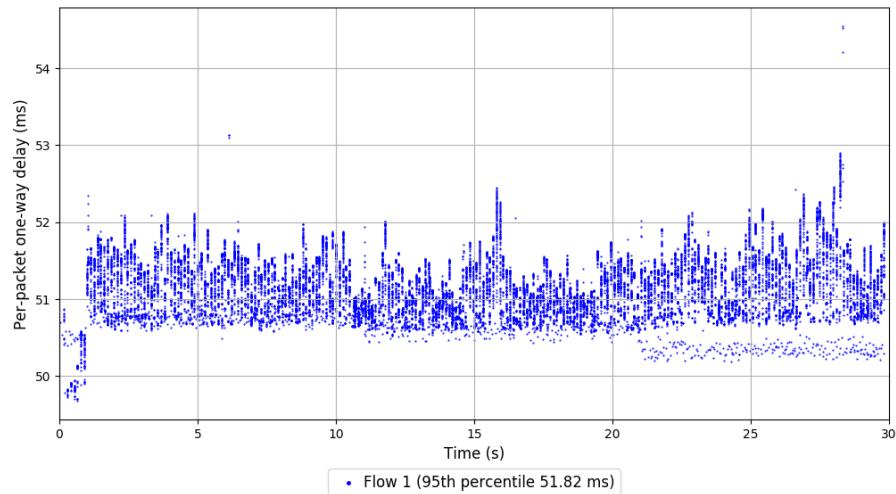
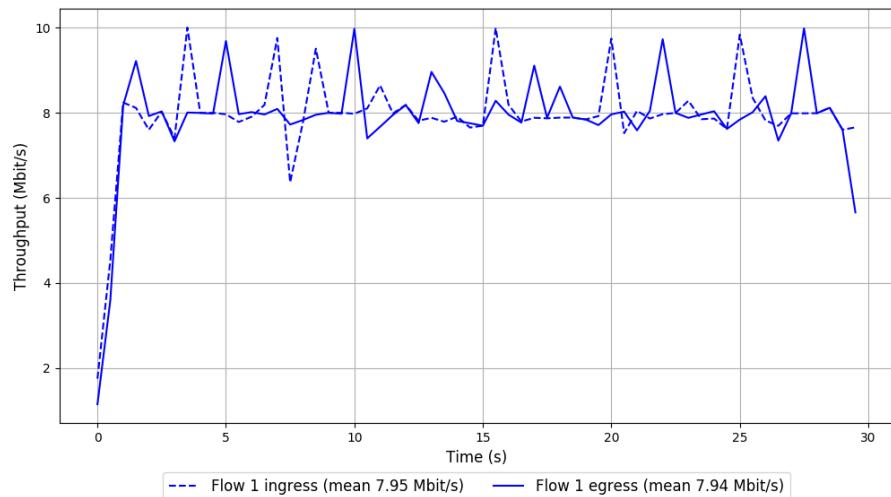
Run 9: Statistics of Sprout

Start at: 2017-09-21 15:51:43

End at: 2017-09-21 15:52:13

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.94 Mbit/s
95th percentile per-packet one-way delay: 51.818 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 7.94 Mbit/s
95th percentile per-packet one-way delay: 51.818 ms
Loss rate: 0.55%
```

Run 9: Report of Sprout — Data Link



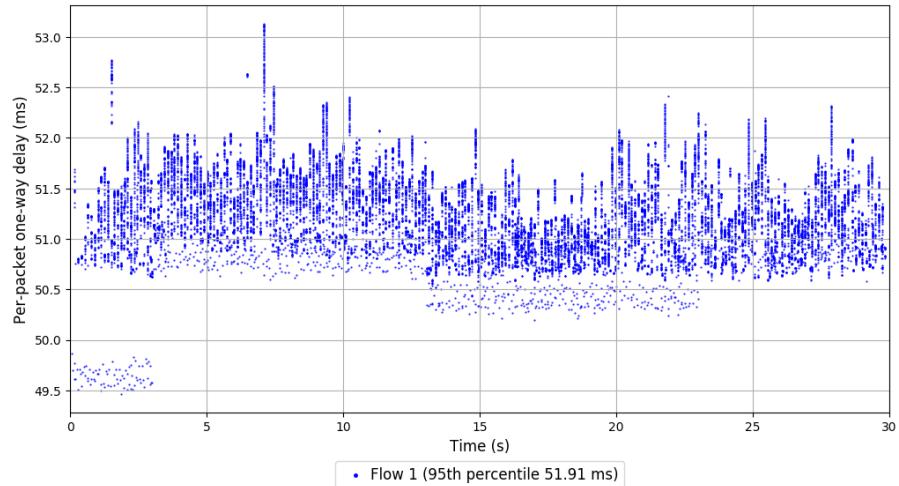
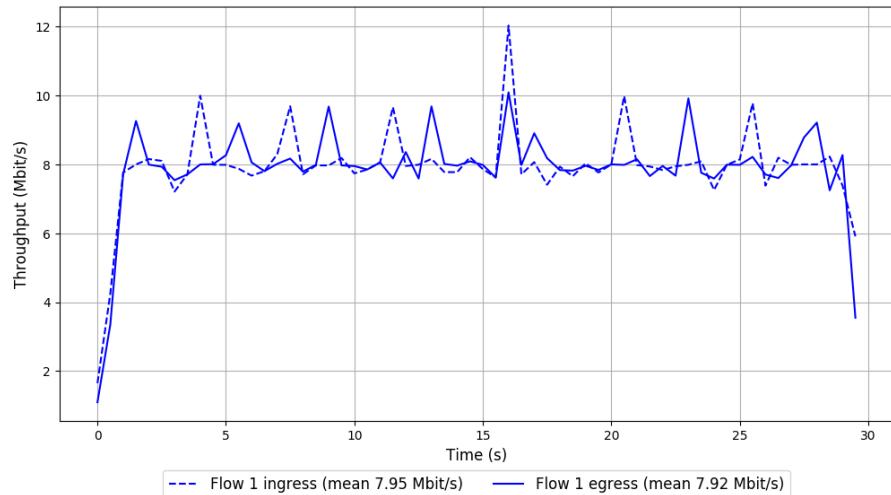
Run 10: Statistics of Sprout

Start at: 2017-09-21 16:02:31

End at: 2017-09-21 16:03:01

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.92 Mbit/s
95th percentile per-packet one-way delay: 51.910 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 7.92 Mbit/s
95th percentile per-packet one-way delay: 51.910 ms
Loss rate: 0.66%
```

Run 10: Report of Sprout — Data Link



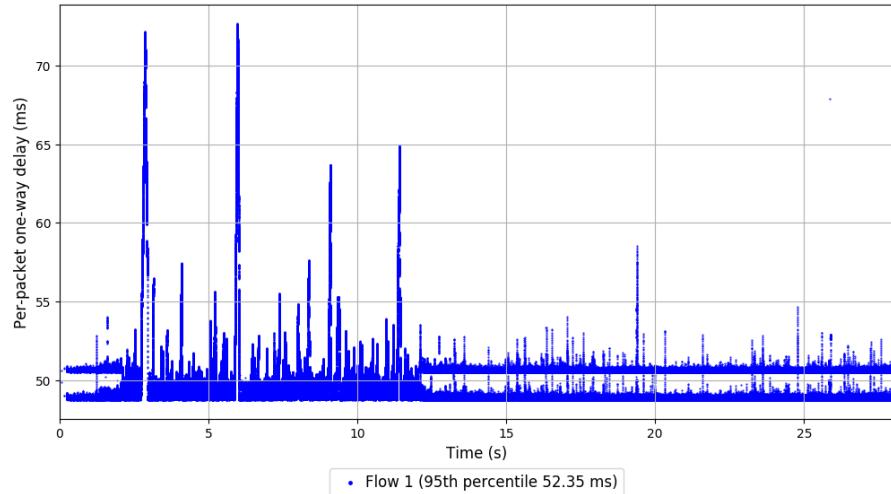
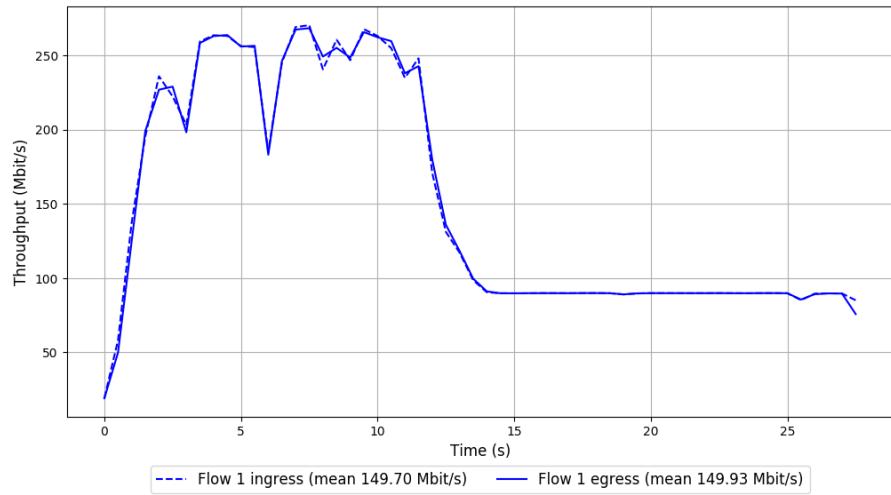
Run 1: Statistics of TaoVA-100x

Start at: 2017-09-21 14:29:30

End at: 2017-09-21 14:30:00

```
# Below is generated by plot.py at 2017-09-21 18:27:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 149.93 Mbit/s
95th percentile per-packet one-way delay: 52.346 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 149.93 Mbit/s
95th percentile per-packet one-way delay: 52.346 ms
Loss rate: 0.22%
```

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



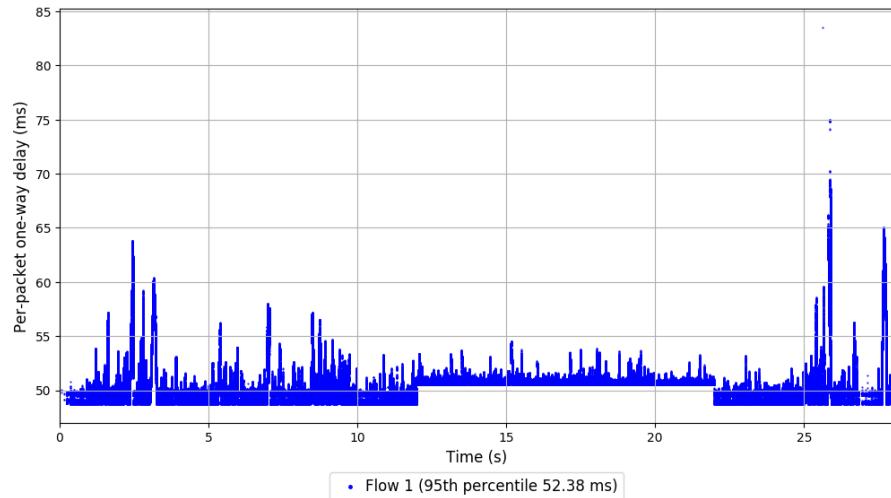
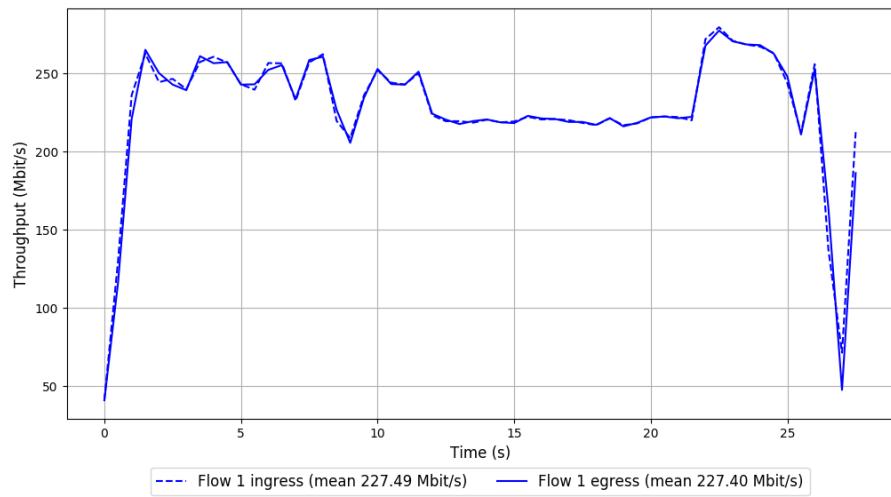
Run 2: Statistics of TaoVA-100x

Start at: 2017-09-21 14:39:50

End at: 2017-09-21 14:40:20

```
# Below is generated by plot.py at 2017-09-21 18:27:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 227.40 Mbit/s
95th percentile per-packet one-way delay: 52.380 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 227.40 Mbit/s
95th percentile per-packet one-way delay: 52.380 ms
Loss rate: 0.40%
```

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



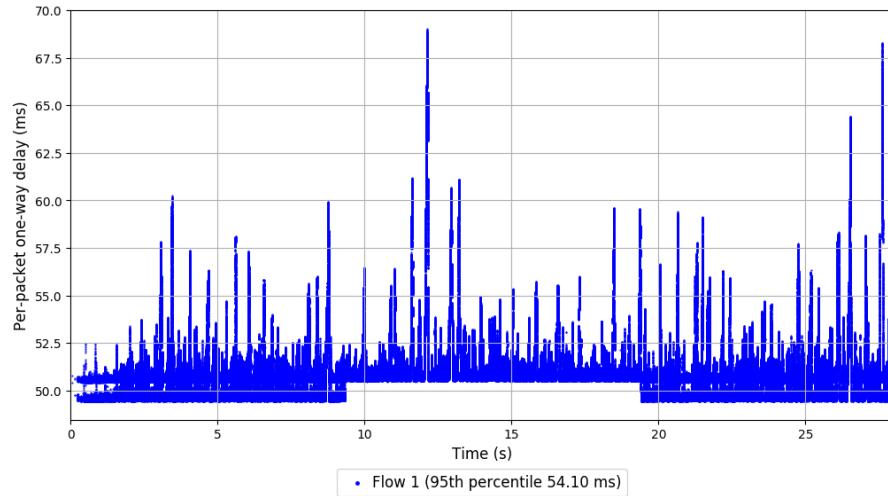
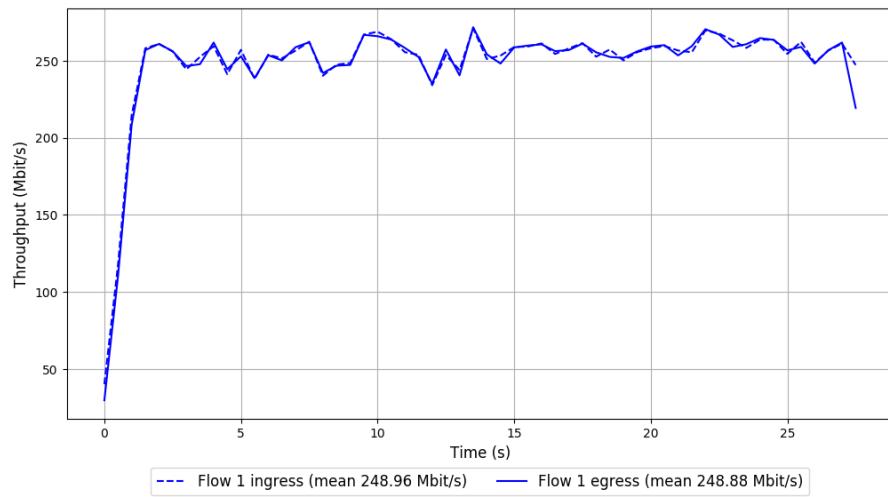
Run 3: Statistics of TaoVA-100x

Start at: 2017-09-21 14:50:33

End at: 2017-09-21 14:51:03

```
# Below is generated by plot.py at 2017-09-21 18:28:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 248.88 Mbit/s
95th percentile per-packet one-way delay: 54.099 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 248.88 Mbit/s
95th percentile per-packet one-way delay: 54.099 ms
Loss rate: 0.39%
```

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



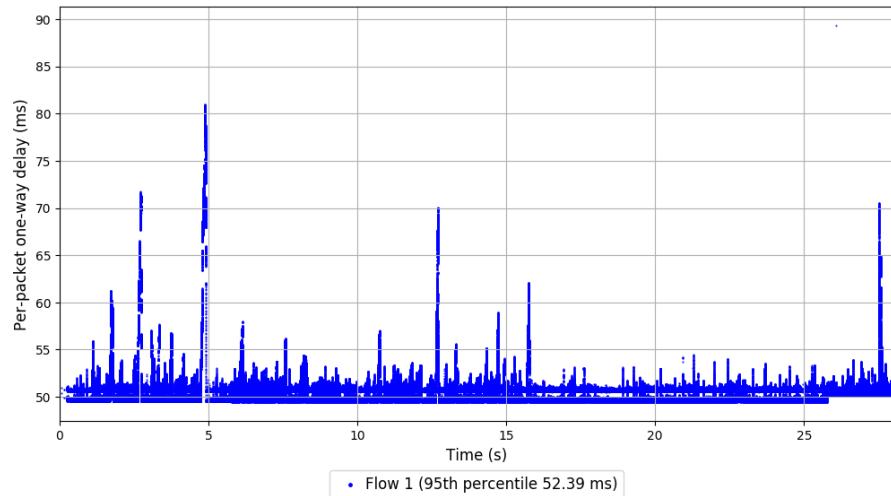
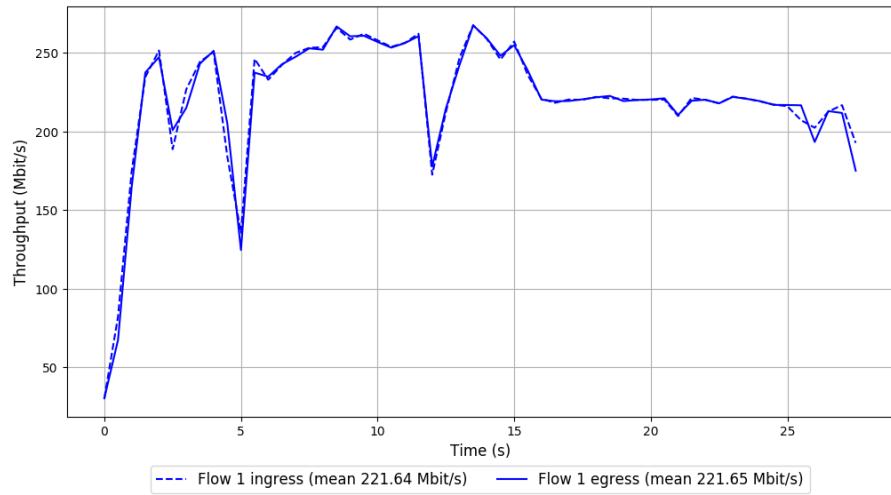
Run 4: Statistics of TaoVA-100x

Start at: 2017-09-21 15:01:16

End at: 2017-09-21 15:01:46

```
# Below is generated by plot.py at 2017-09-21 18:28:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 221.65 Mbit/s
95th percentile per-packet one-way delay: 52.388 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 221.65 Mbit/s
95th percentile per-packet one-way delay: 52.388 ms
Loss rate: 0.36%
```

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



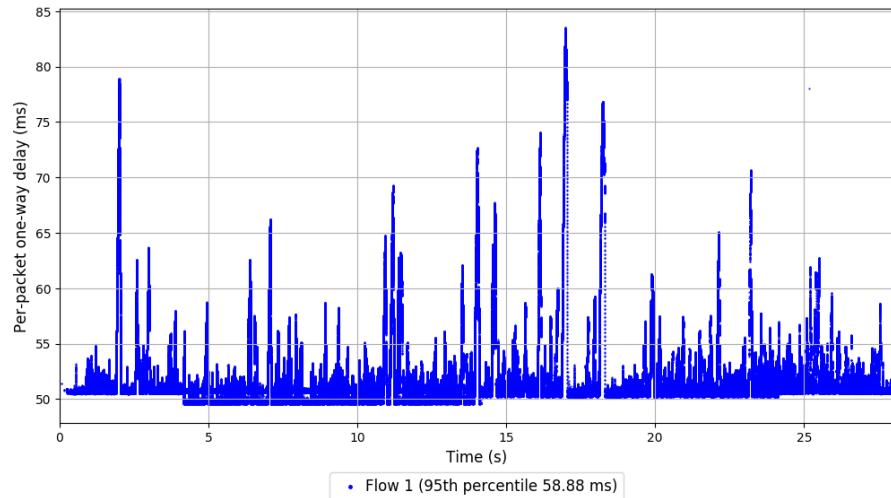
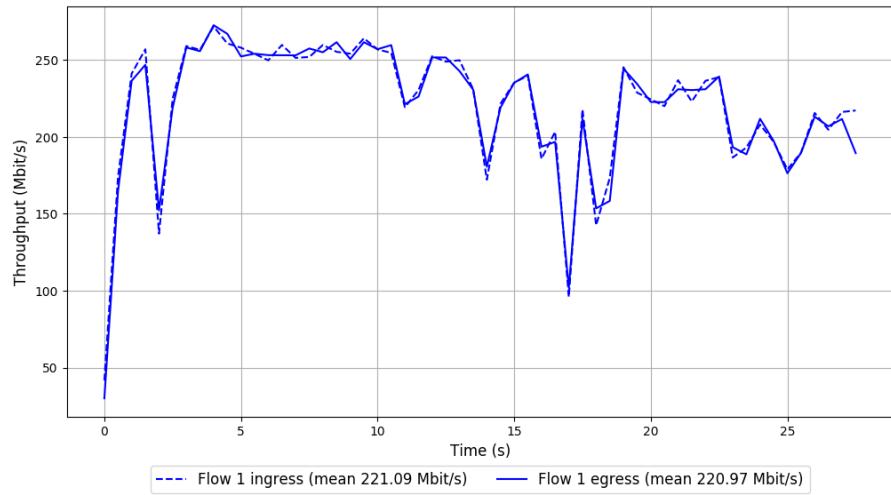
Run 5: Statistics of TaoVA-100x

Start at: 2017-09-21 15:11:58

End at: 2017-09-21 15:12:28

```
# Below is generated by plot.py at 2017-09-21 18:28:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 220.97 Mbit/s
95th percentile per-packet one-way delay: 58.875 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 220.97 Mbit/s
95th percentile per-packet one-way delay: 58.875 ms
Loss rate: 0.43%
```

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



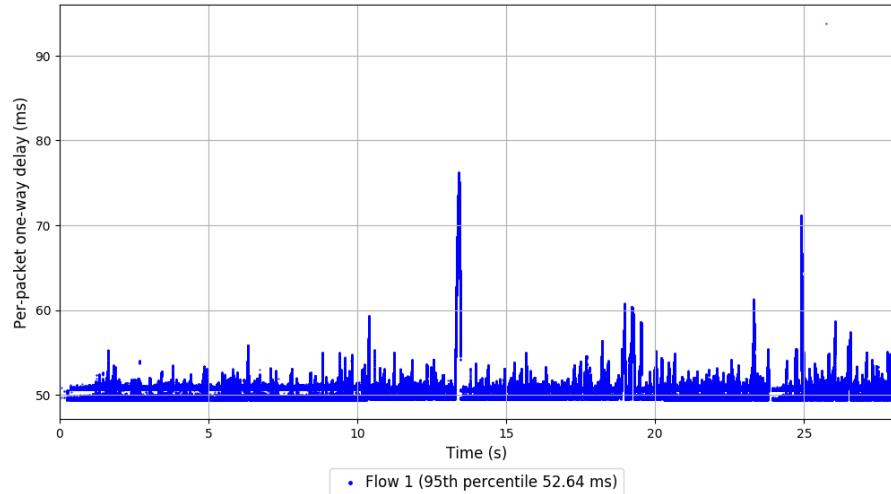
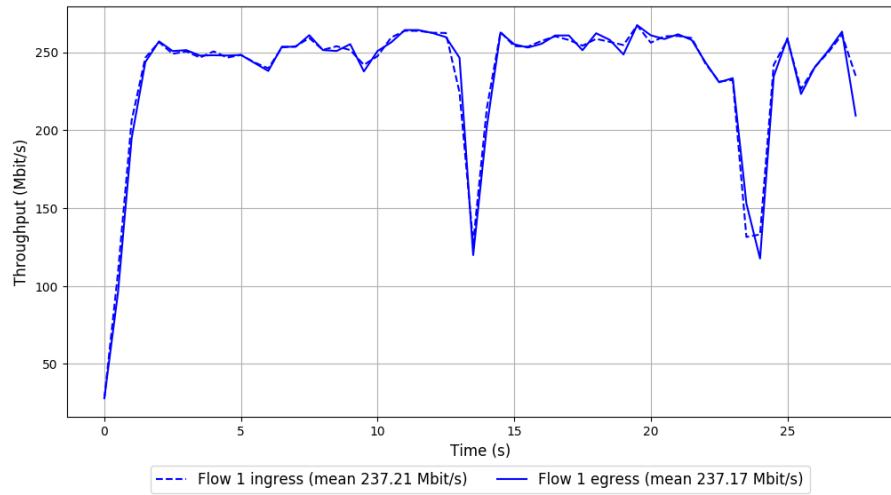
Run 6: Statistics of TaoVA-100x

Start at: 2017-09-21 15:22:22

End at: 2017-09-21 15:22:52

```
# Below is generated by plot.py at 2017-09-21 18:28:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 237.17 Mbit/s
95th percentile per-packet one-way delay: 52.640 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 237.17 Mbit/s
95th percentile per-packet one-way delay: 52.640 ms
Loss rate: 0.38%
```

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



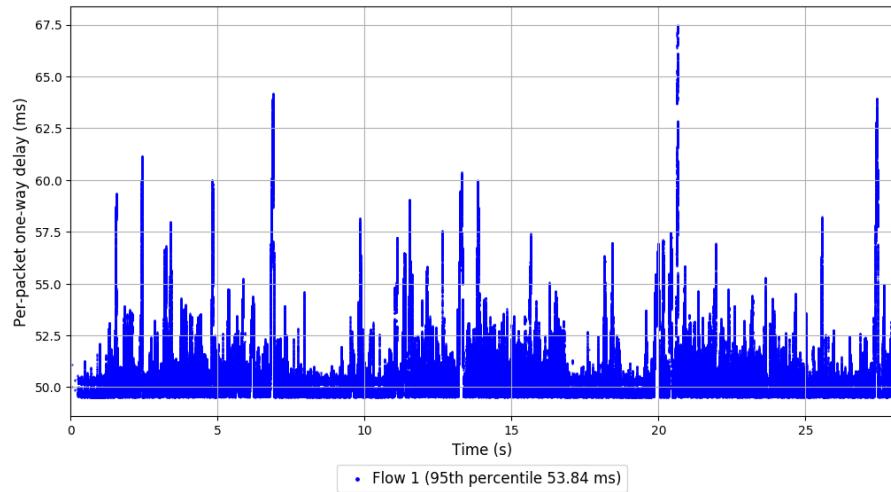
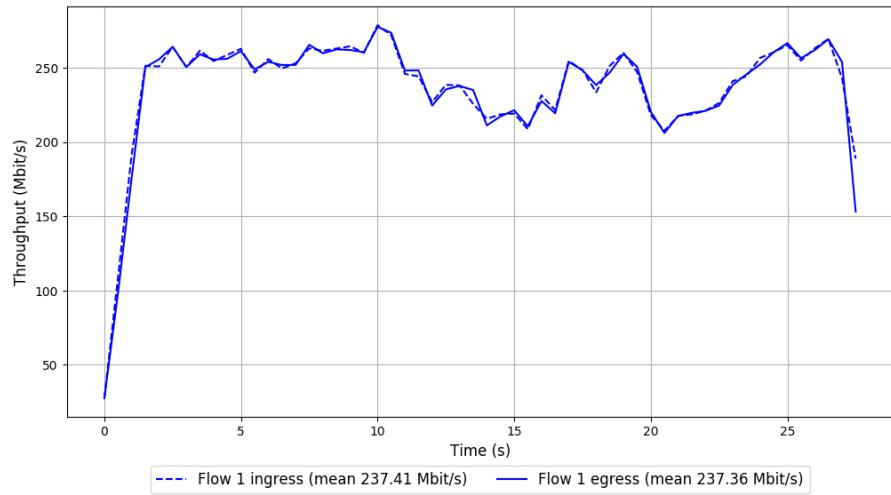
Run 7: Statistics of TaoVA-100x

Start at: 2017-09-21 15:33:03

End at: 2017-09-21 15:33:33

```
# Below is generated by plot.py at 2017-09-21 18:33:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 237.36 Mbit/s
95th percentile per-packet one-way delay: 53.841 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 237.36 Mbit/s
95th percentile per-packet one-way delay: 53.841 ms
Loss rate: 0.39%
```

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



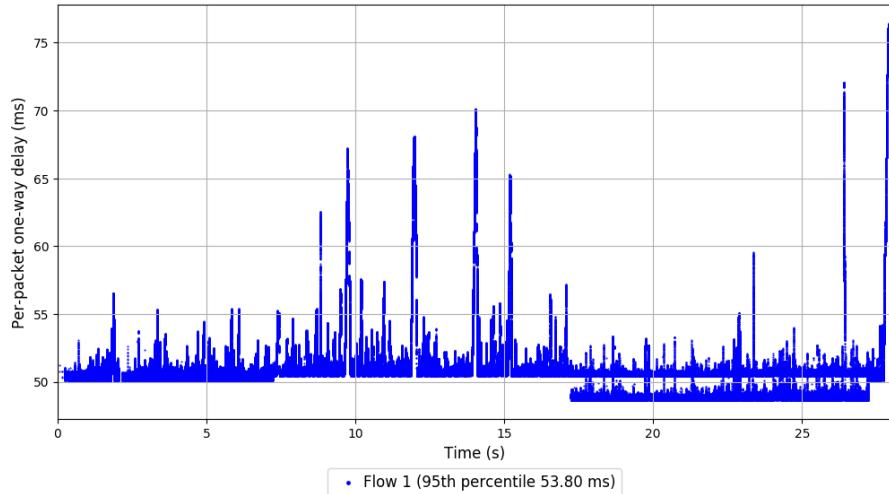
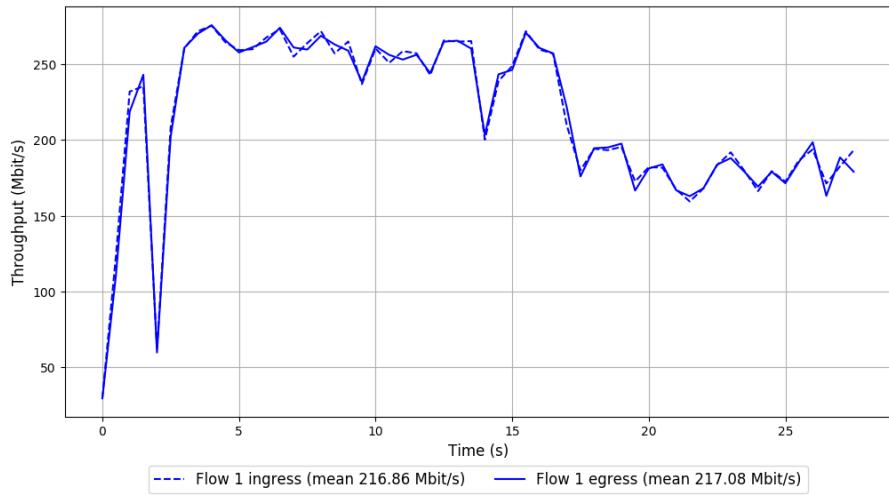
Run 8: Statistics of TaoVA-100x

Start at: 2017-09-21 15:43:45

End at: 2017-09-21 15:44:15

```
# Below is generated by plot.py at 2017-09-21 18:33:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 217.08 Mbit/s
95th percentile per-packet one-way delay: 53.804 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 217.08 Mbit/s
95th percentile per-packet one-way delay: 53.804 ms
Loss rate: 0.26%
```

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



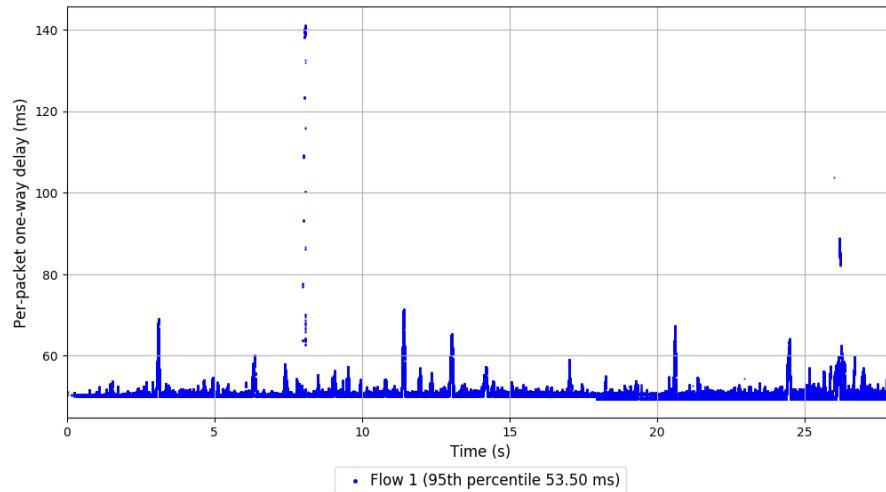
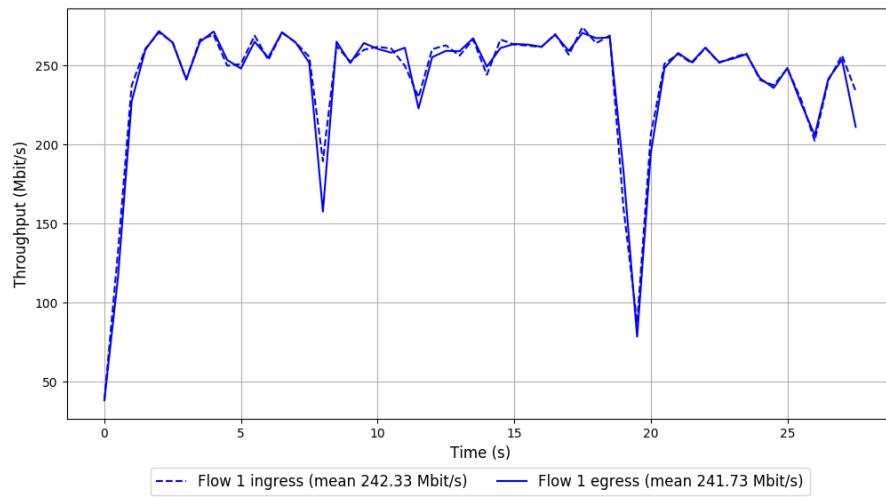
Run 9: Statistics of TaoVA-100x

Start at: 2017-09-21 15:54:24

End at: 2017-09-21 15:54:54

```
# Below is generated by plot.py at 2017-09-21 18:35:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 241.73 Mbit/s
95th percentile per-packet one-way delay: 53.499 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 241.73 Mbit/s
95th percentile per-packet one-way delay: 53.499 ms
Loss rate: 0.61%
```

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



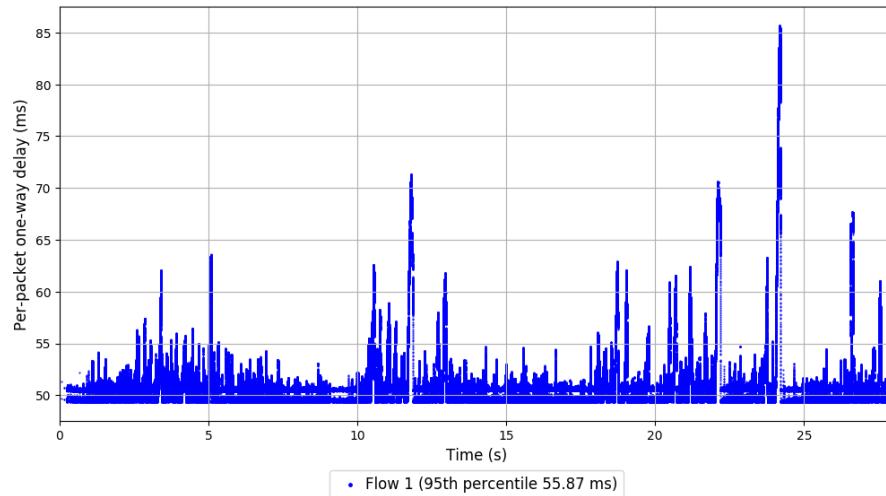
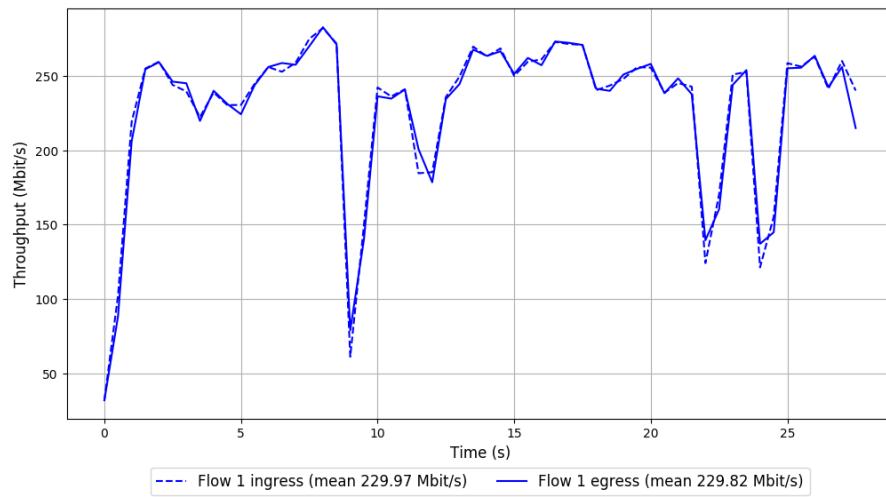
Run 10: Statistics of TaoVA-100x

Start at: 2017-09-21 16:05:13

End at: 2017-09-21 16:05:43

```
# Below is generated by plot.py at 2017-09-21 18:35:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 229.82 Mbit/s
95th percentile per-packet one-way delay: 55.869 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 229.82 Mbit/s
95th percentile per-packet one-way delay: 55.869 ms
Loss rate: 0.42%
```

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



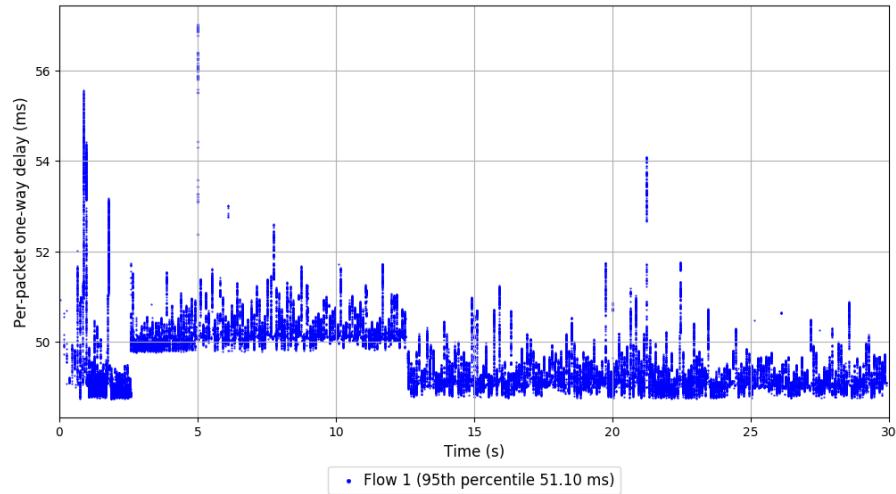
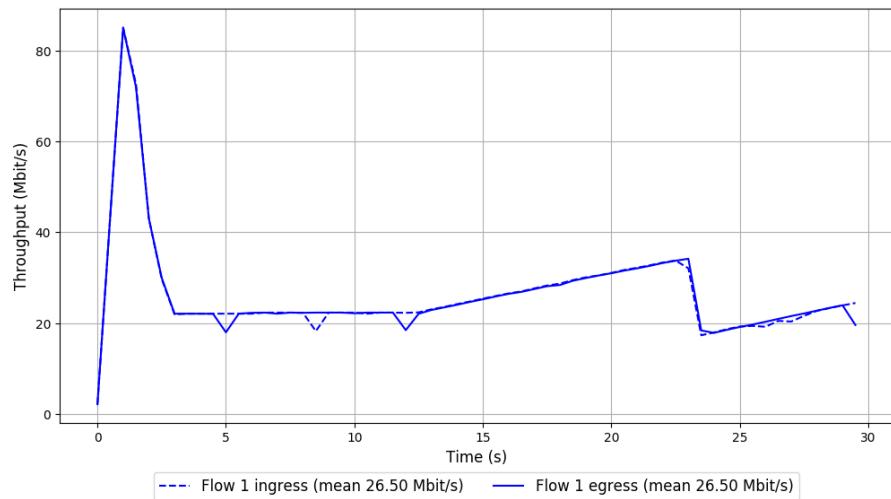
Run 1: Statistics of TCP Vegas

Start at: 2017-09-21 14:30:21

End at: 2017-09-21 14:30:51

```
# Below is generated by plot.py at 2017-09-21 18:35:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.50 Mbit/s
95th percentile per-packet one-way delay: 51.099 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 26.50 Mbit/s
95th percentile per-packet one-way delay: 51.099 ms
Loss rate: 0.33%
```

Run 1: Report of TCP Vegas — Data Link



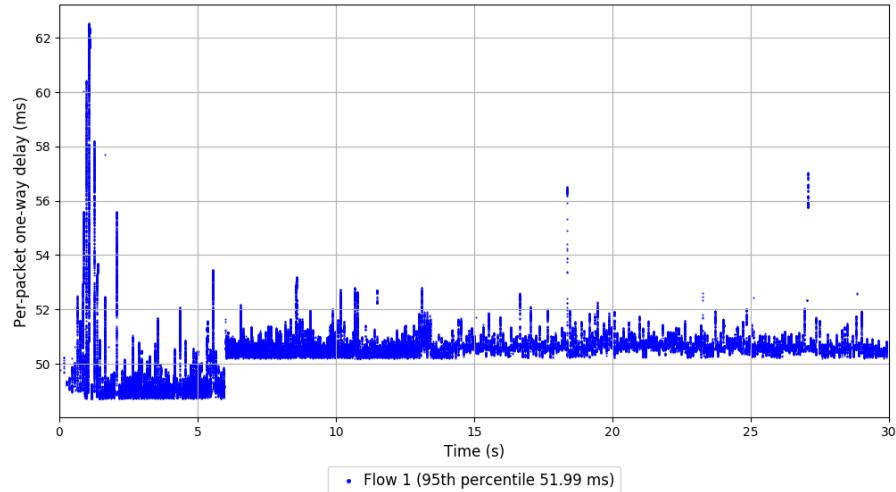
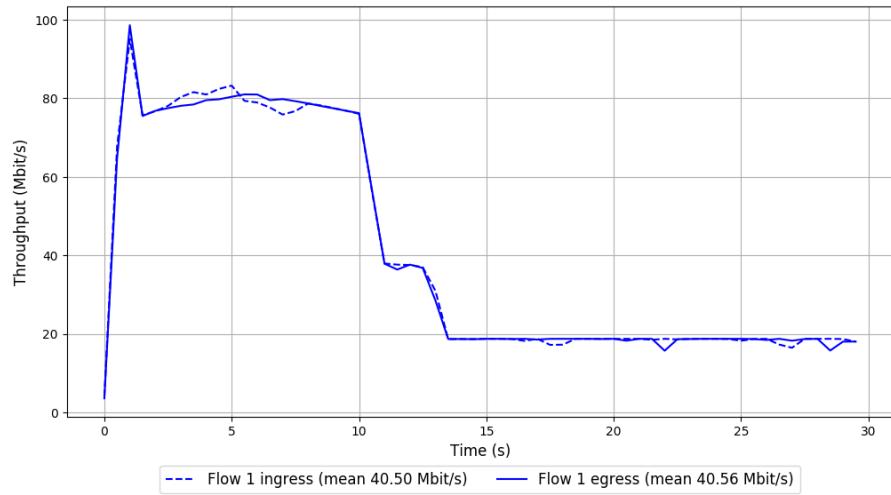
Run 2: Statistics of TCP Vegas

Start at: 2017-09-21 14:40:48

End at: 2017-09-21 14:41:18

```
# Below is generated by plot.py at 2017-09-21 18:35:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.56 Mbit/s
95th percentile per-packet one-way delay: 51.989 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 40.56 Mbit/s
95th percentile per-packet one-way delay: 51.989 ms
Loss rate: 0.19%
```

Run 2: Report of TCP Vegas — Data Link



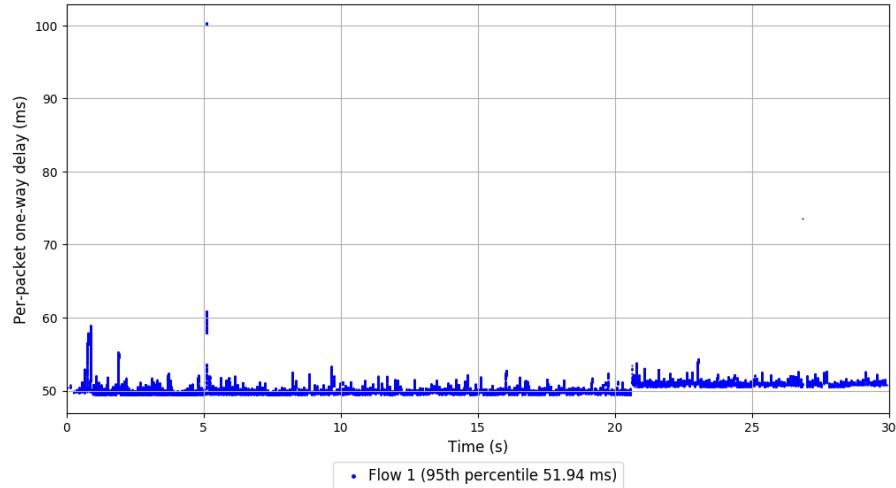
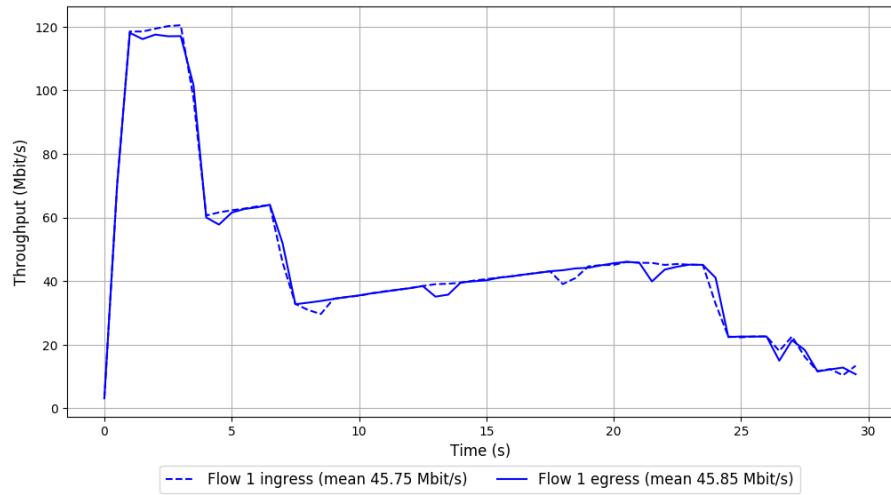
Run 3: Statistics of TCP Vegas

Start at: 2017-09-21 14:51:33

End at: 2017-09-21 14:52:03

```
# Below is generated by plot.py at 2017-09-21 18:35:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.85 Mbit/s
95th percentile per-packet one-way delay: 51.944 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 45.85 Mbit/s
95th percentile per-packet one-way delay: 51.944 ms
Loss rate: 0.12%
```

Run 3: Report of TCP Vegas — Data Link

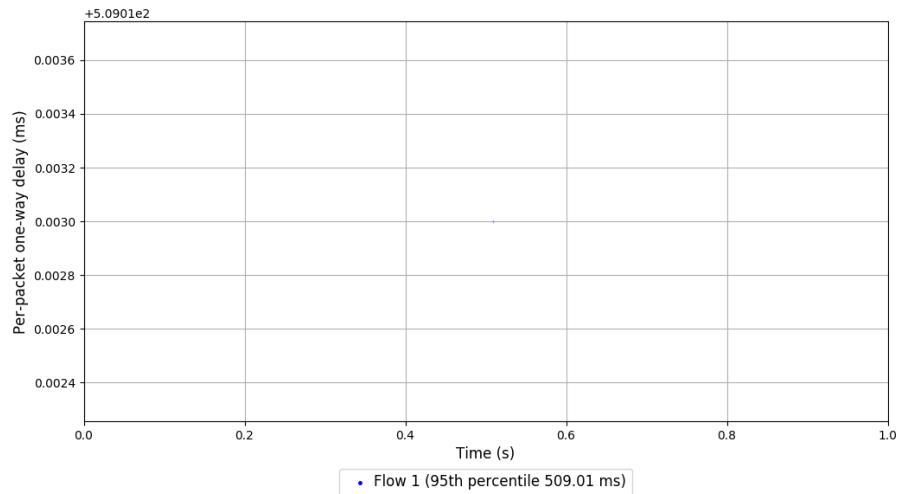
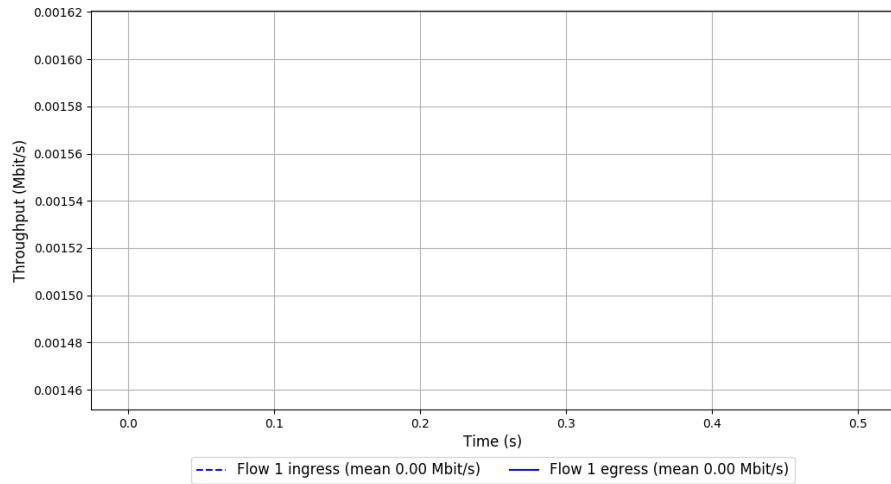


Run 4: Statistics of TCP Vegas

Start at: 2017-09-21 15:02:14

End at: 2017-09-21 15:02:44

Run 4: Report of TCP Vegas — Data Link



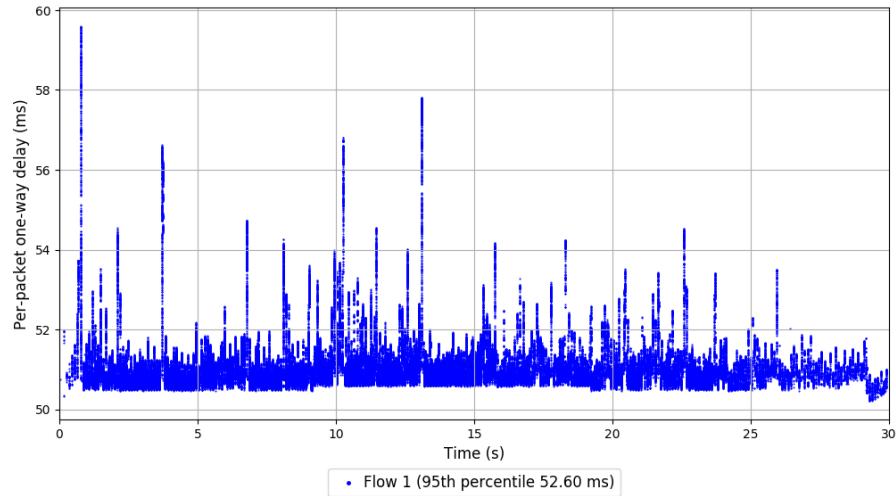
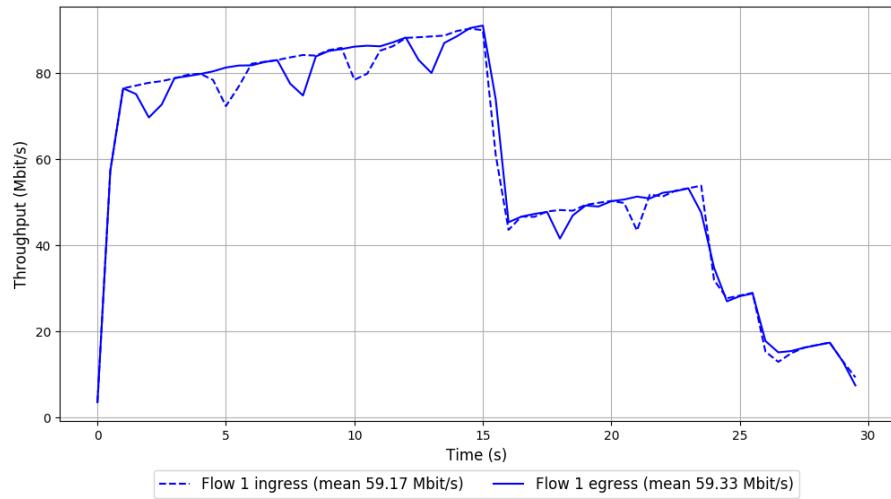
Run 5: Statistics of TCP Vegas

Start at: 2017-09-21 15:12:55

End at: 2017-09-21 15:13:25

```
# Below is generated by plot.py at 2017-09-21 18:35:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.33 Mbit/s
95th percentile per-packet one-way delay: 52.596 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 59.33 Mbit/s
95th percentile per-packet one-way delay: 52.596 ms
Loss rate: 0.06%
```

Run 5: Report of TCP Vegas — Data Link



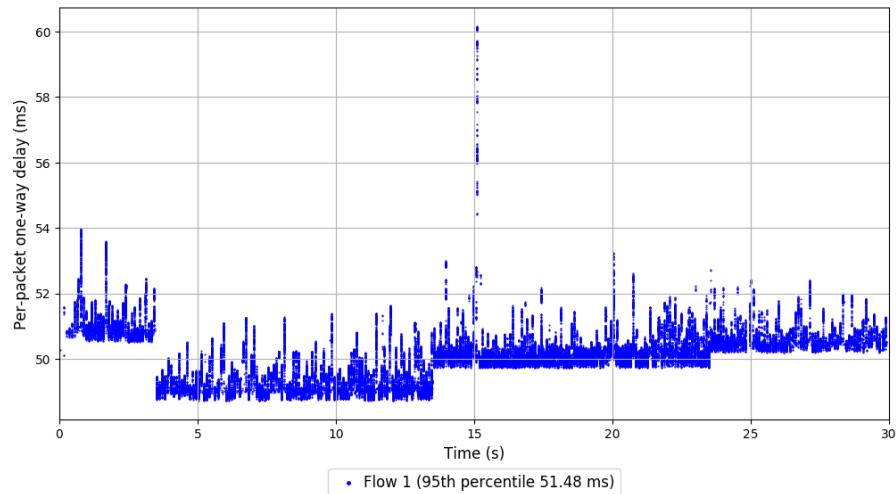
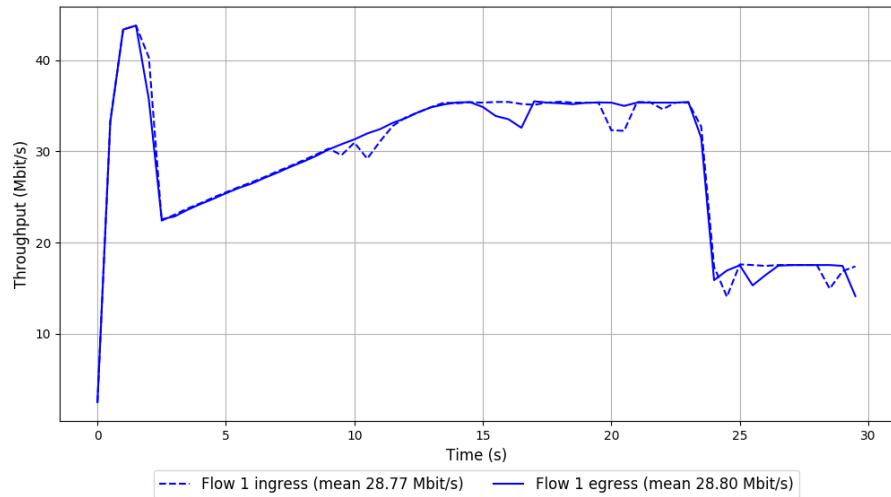
Run 6: Statistics of TCP Vegas

Start at: 2017-09-21 15:23:20

End at: 2017-09-21 15:23:50

```
# Below is generated by plot.py at 2017-09-21 18:35:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.80 Mbit/s
95th percentile per-packet one-way delay: 51.481 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 28.80 Mbit/s
95th percentile per-packet one-way delay: 51.481 ms
Loss rate: 0.21%
```

Run 6: Report of TCP Vegas — Data Link



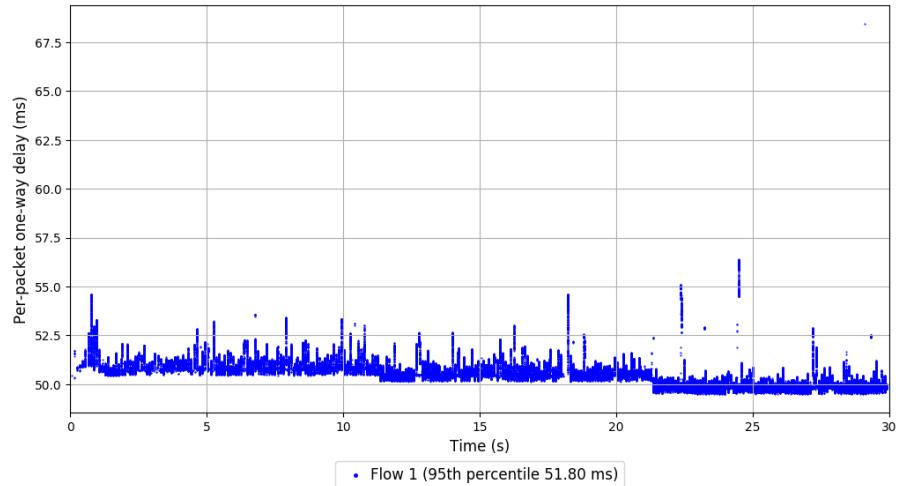
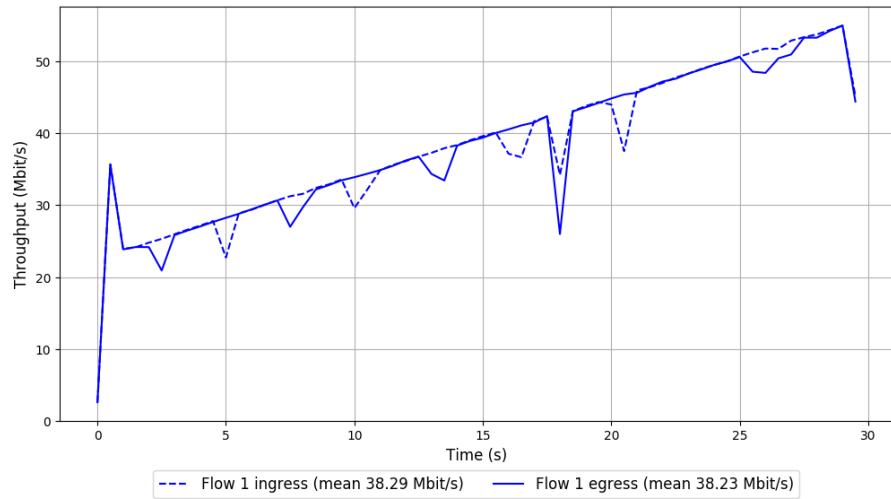
Run 7: Statistics of TCP Vegas

Start at: 2017-09-21 15:34:03

End at: 2017-09-21 15:34:33

```
# Below is generated by plot.py at 2017-09-21 18:35:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.23 Mbit/s
95th percentile per-packet one-way delay: 51.802 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 38.23 Mbit/s
95th percentile per-packet one-way delay: 51.802 ms
Loss rate: 0.49%
```

Run 7: Report of TCP Vegas — Data Link

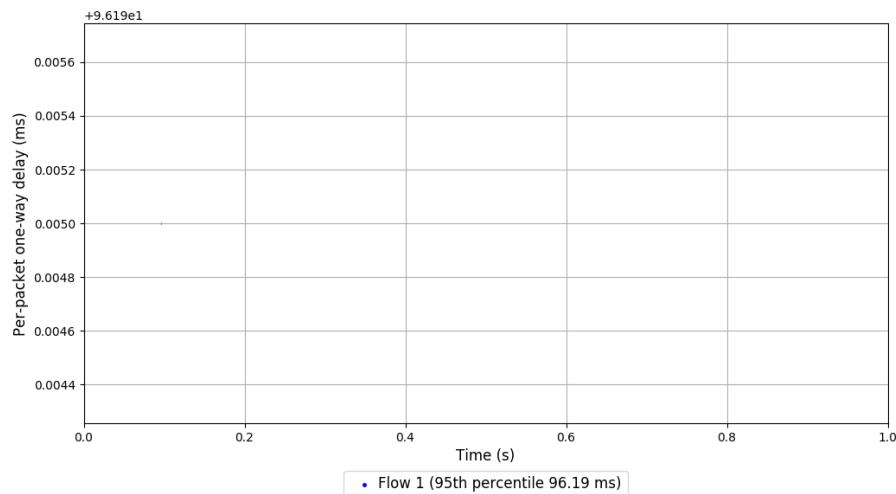
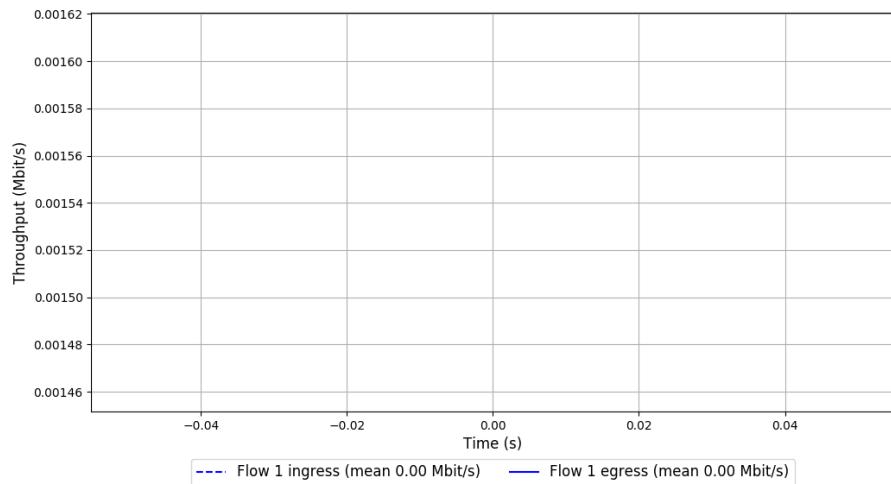


Run 8: Statistics of TCP Vegas

Start at: 2017-09-21 15:44:42

End at: 2017-09-21 15:45:12

Run 8: Report of TCP Vegas — Data Link



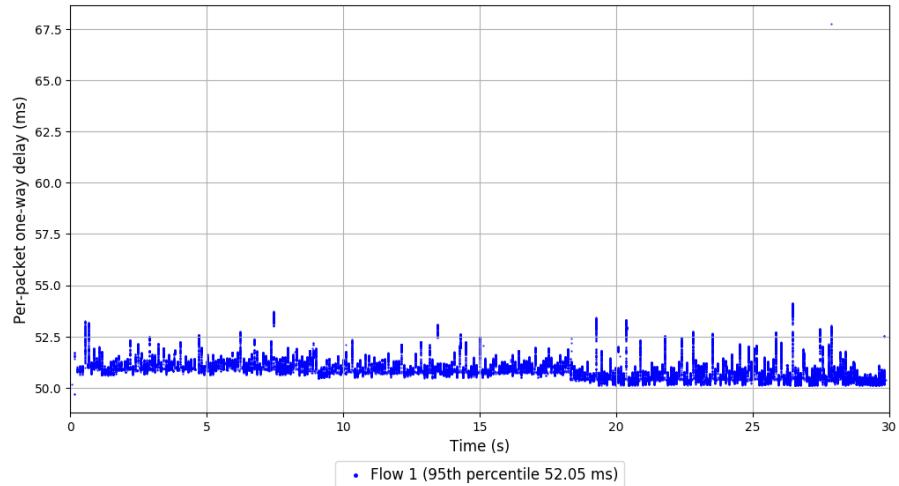
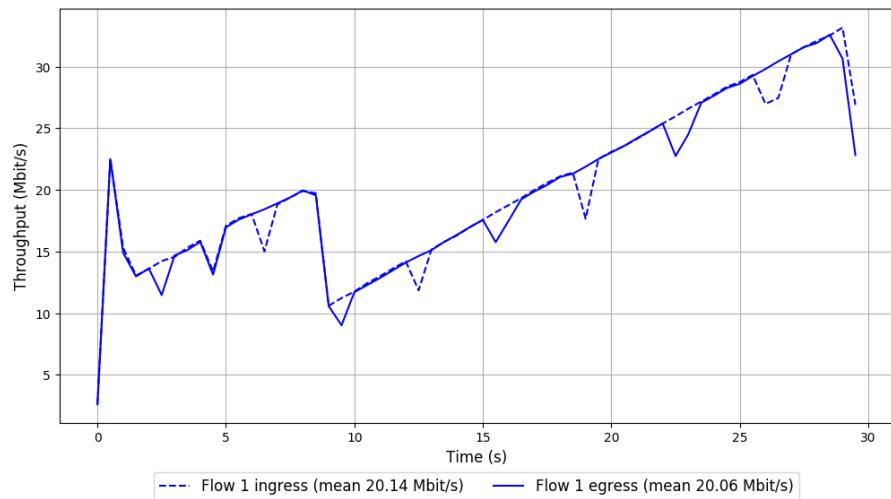
Run 9: Statistics of TCP Vegas

Start at: 2017-09-21 15:55:26

End at: 2017-09-21 15:55:56

```
# Below is generated by plot.py at 2017-09-21 18:35:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.06 Mbit/s
95th percentile per-packet one-way delay: 52.047 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 20.06 Mbit/s
95th percentile per-packet one-way delay: 52.047 ms
Loss rate: 0.60%
```

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2017-09-21 16:06:12

End at: 2017-09-21 16:06:42

Run 10: Report of TCP Vegas — Data Link

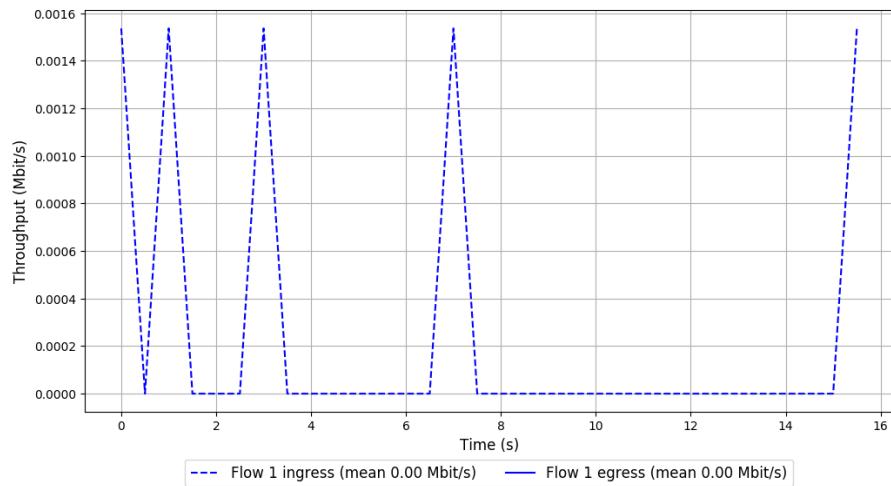


Figure is missing

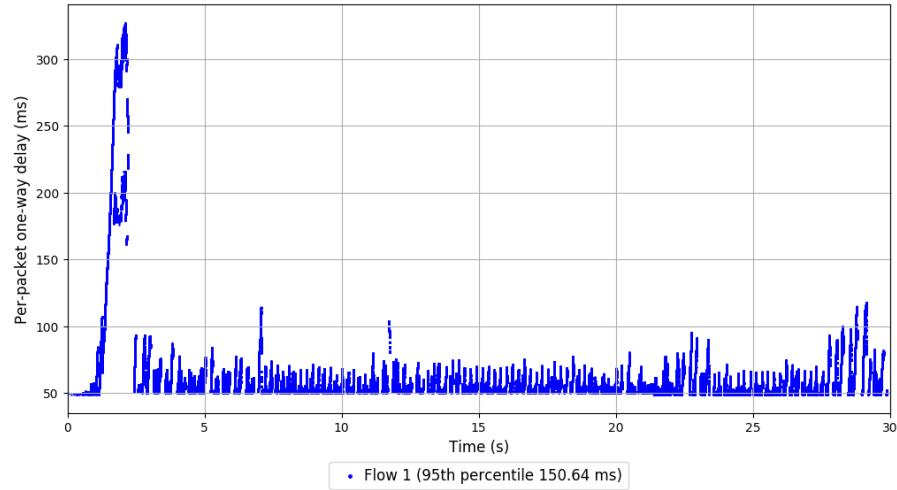
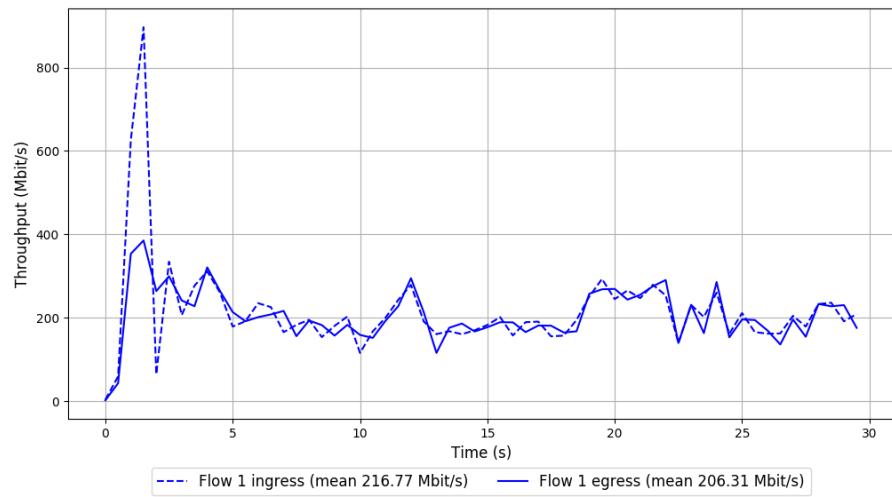
Run 1: Statistics of Verus

Start at: 2017-09-21 14:23:42

End at: 2017-09-21 14:24:12

```
# Below is generated by plot.py at 2017-09-21 18:35:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 206.31 Mbit/s
95th percentile per-packet one-way delay: 150.643 ms
Loss rate: 5.15%
-- Flow 1:
Average throughput: 206.31 Mbit/s
95th percentile per-packet one-way delay: 150.643 ms
Loss rate: 5.15%
```

Run 1: Report of Verus — Data Link

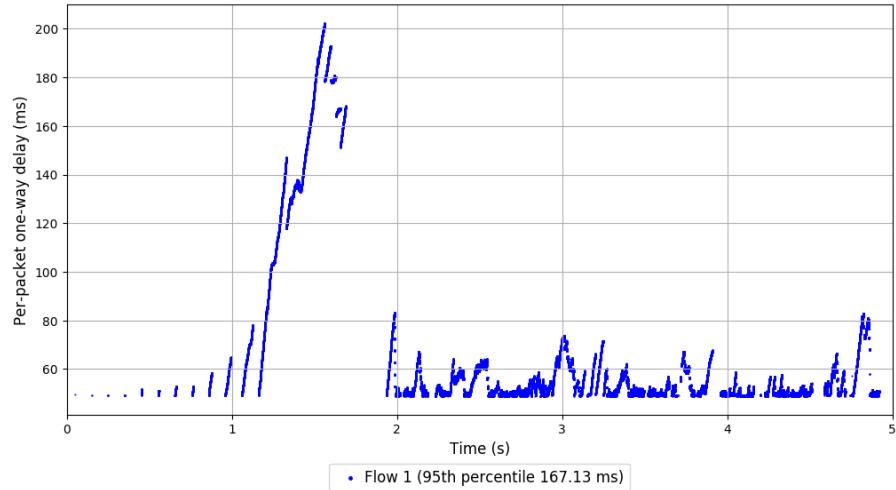
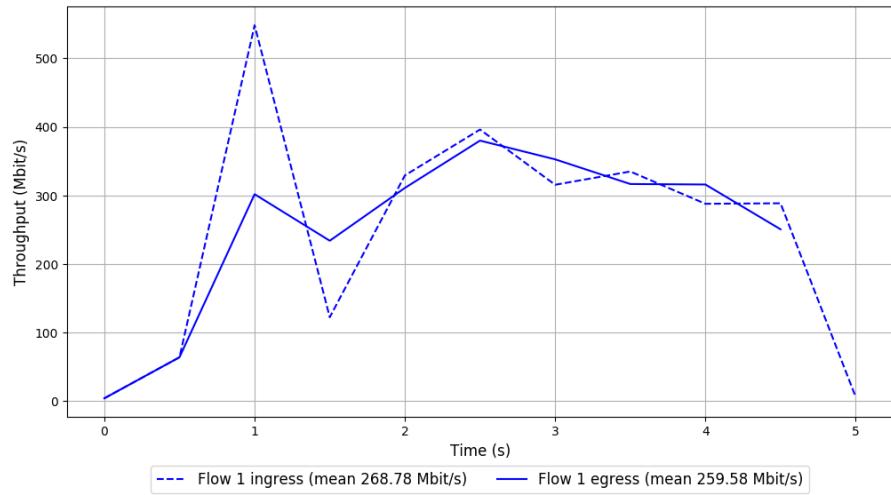


Run 2: Statistics of Verus

Start at: 2017-09-21 14:34:15

End at: 2017-09-21 14:34:45

Run 2: Report of Verus — Data Link



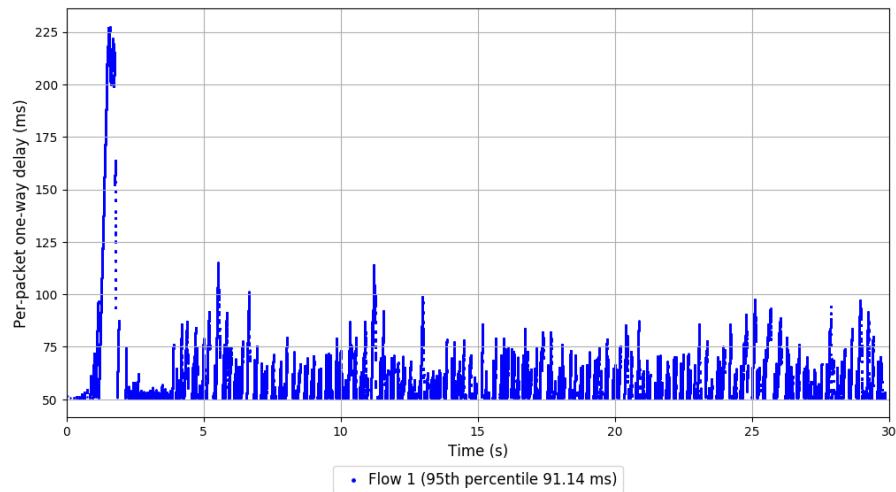
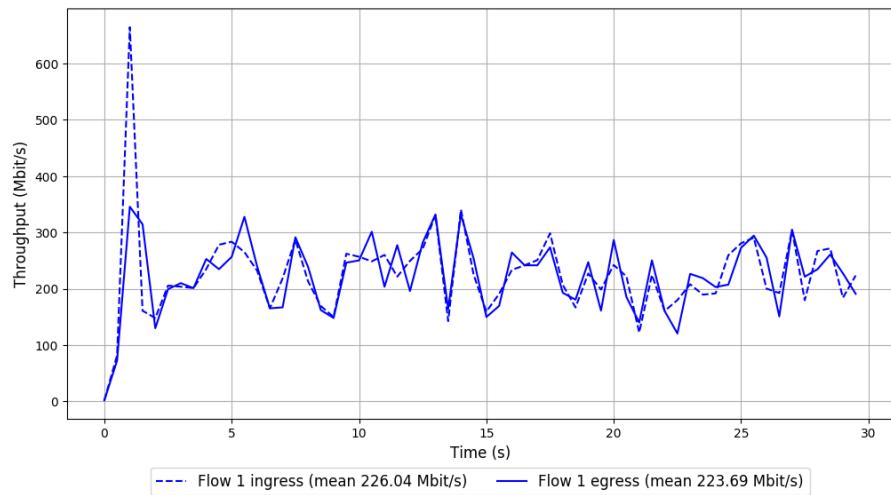
Run 3: Statistics of Verus

Start at: 2017-09-21 14:44:45

End at: 2017-09-21 14:45:15

```
# Below is generated by plot.py at 2017-09-21 18:35:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 223.69 Mbit/s
95th percentile per-packet one-way delay: 91.144 ms
Loss rate: 1.54%
-- Flow 1:
Average throughput: 223.69 Mbit/s
95th percentile per-packet one-way delay: 91.144 ms
Loss rate: 1.54%
```

Run 3: Report of Verus — Data Link



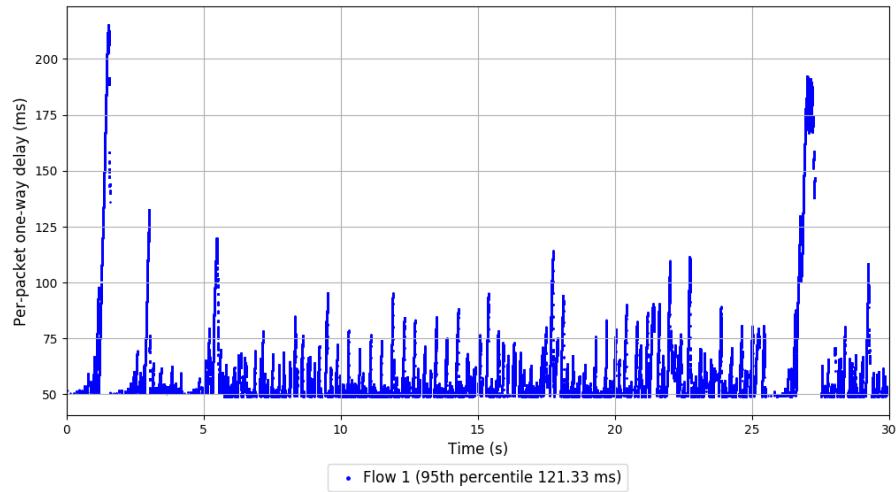
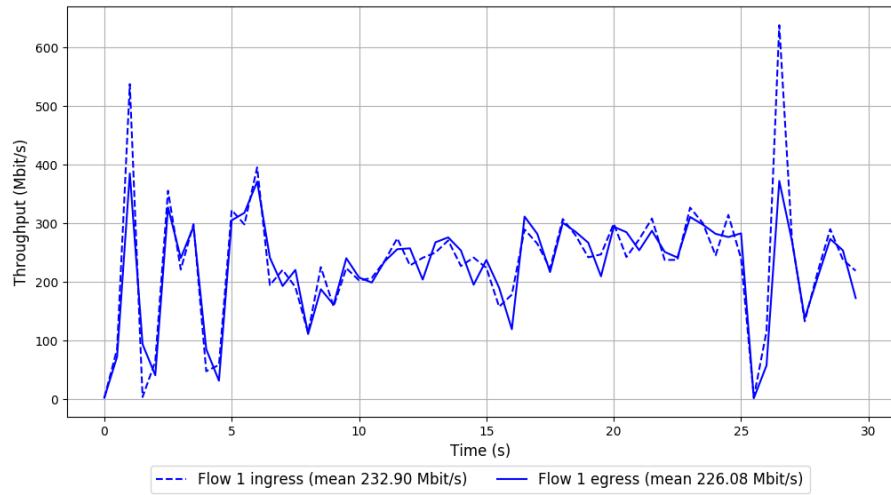
Run 4: Statistics of Verus

Start at: 2017-09-21 14:55:28

End at: 2017-09-21 14:55:58

```
# Below is generated by plot.py at 2017-09-21 18:35:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 226.08 Mbit/s
95th percentile per-packet one-way delay: 121.331 ms
Loss rate: 3.25%
-- Flow 1:
Average throughput: 226.08 Mbit/s
95th percentile per-packet one-way delay: 121.331 ms
Loss rate: 3.25%
```

Run 4: Report of Verus — Data Link



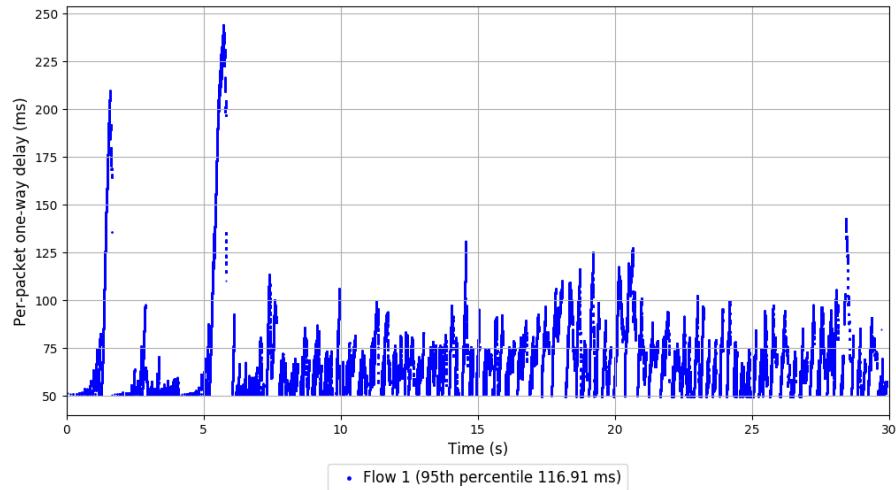
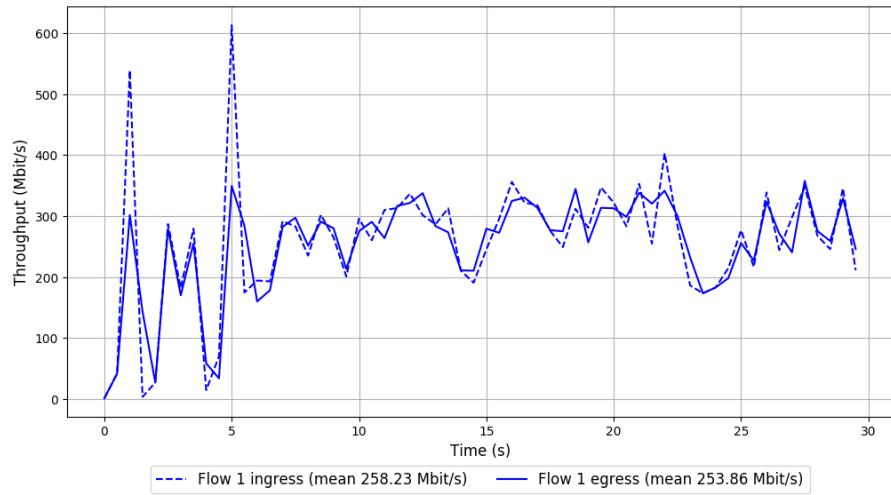
Run 5: Statistics of Verus

Start at: 2017-09-21 15:06:07

End at: 2017-09-21 15:06:37

```
# Below is generated by plot.py at 2017-09-21 18:35:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 253.86 Mbit/s
95th percentile per-packet one-way delay: 116.911 ms
Loss rate: 2.03%
-- Flow 1:
Average throughput: 253.86 Mbit/s
95th percentile per-packet one-way delay: 116.911 ms
Loss rate: 2.03%
```

Run 5: Report of Verus — Data Link



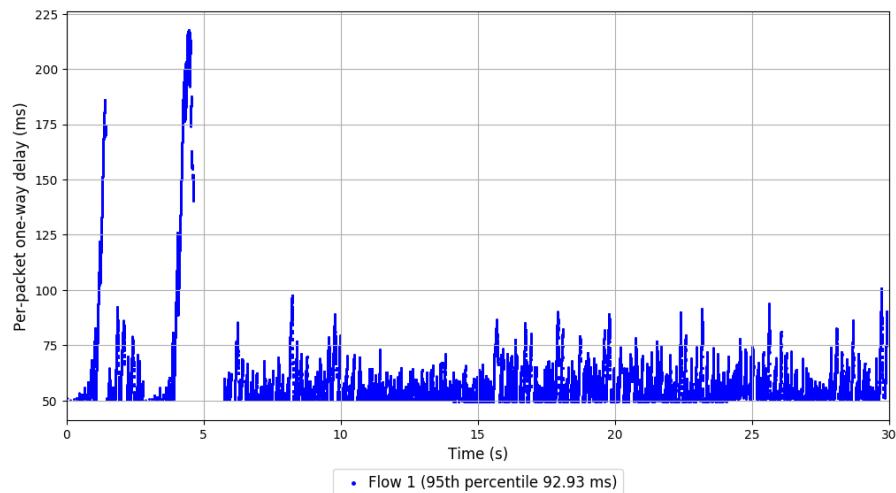
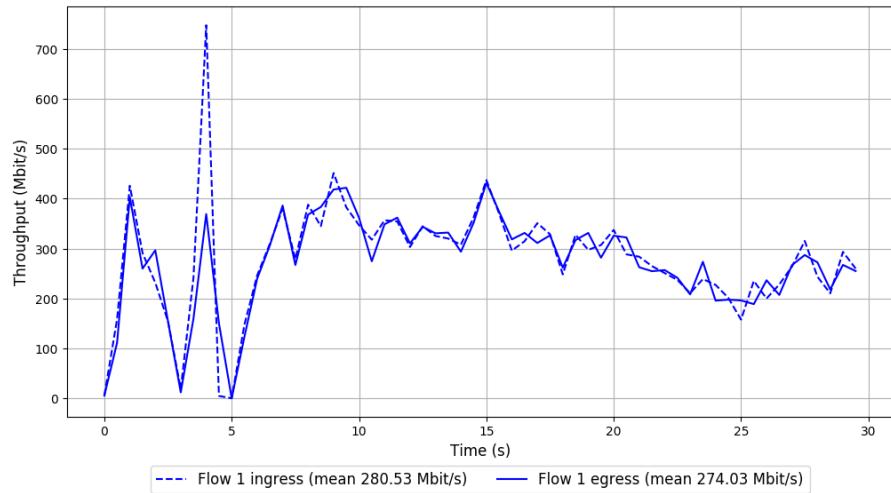
Run 6: Statistics of Verus

Start at: 2017-09-21 15:16:40

End at: 2017-09-21 15:17:10

```
# Below is generated by plot.py at 2017-09-21 18:38:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 274.03 Mbit/s
95th percentile per-packet one-way delay: 92.929 ms
Loss rate: 2.45%
-- Flow 1:
Average throughput: 274.03 Mbit/s
95th percentile per-packet one-way delay: 92.929 ms
Loss rate: 2.45%
```

Run 6: Report of Verus — Data Link



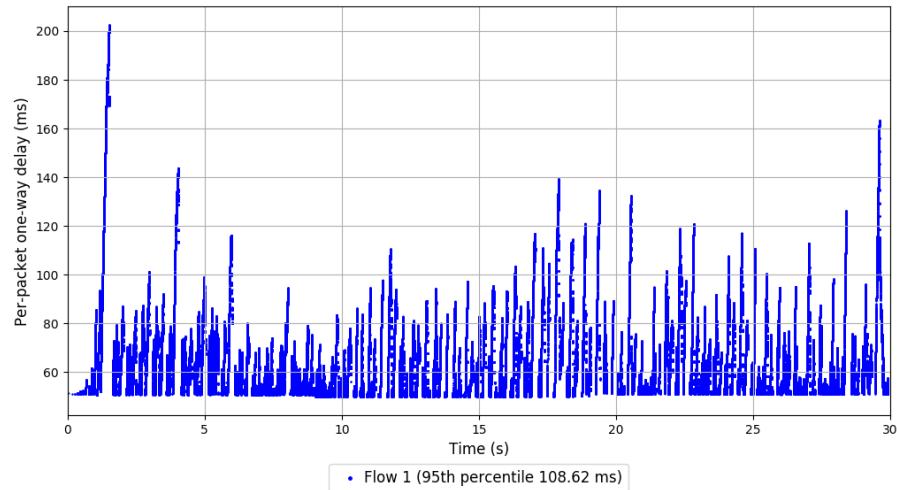
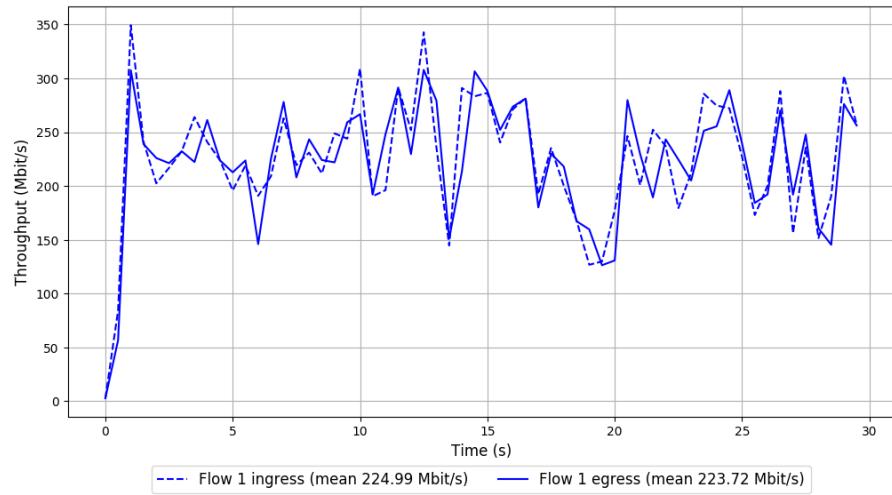
Run 7: Statistics of Verus

Start at: 2017-09-21 15:27:15

End at: 2017-09-21 15:27:45

```
# Below is generated by plot.py at 2017-09-21 18:38:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 223.72 Mbit/s
95th percentile per-packet one-way delay: 108.624 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 223.72 Mbit/s
95th percentile per-packet one-way delay: 108.624 ms
Loss rate: 0.88%
```

Run 7: Report of Verus — Data Link



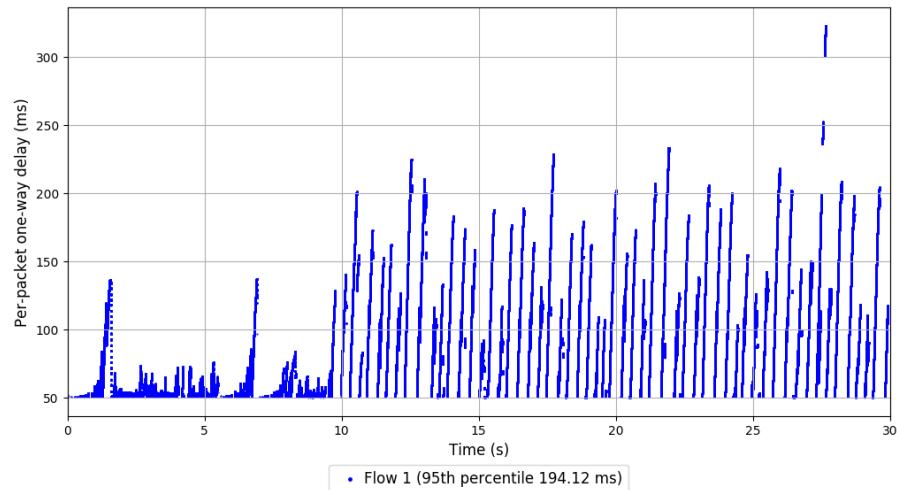
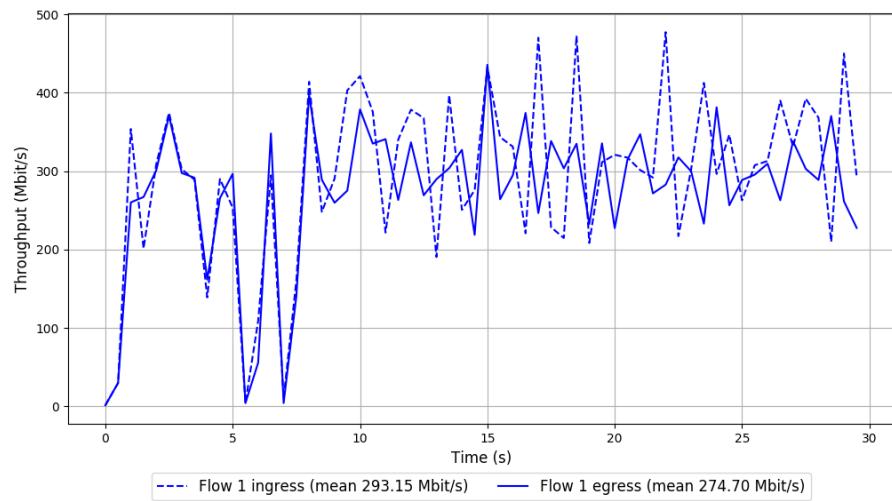
Run 8: Statistics of Verus

Start at: 2017-09-21 15:37:55

End at: 2017-09-21 15:38:25

```
# Below is generated by plot.py at 2017-09-21 18:39:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 274.70 Mbit/s
95th percentile per-packet one-way delay: 194.116 ms
Loss rate: 6.36%
-- Flow 1:
Average throughput: 274.70 Mbit/s
95th percentile per-packet one-way delay: 194.116 ms
Loss rate: 6.36%
```

Run 8: Report of Verus — Data Link



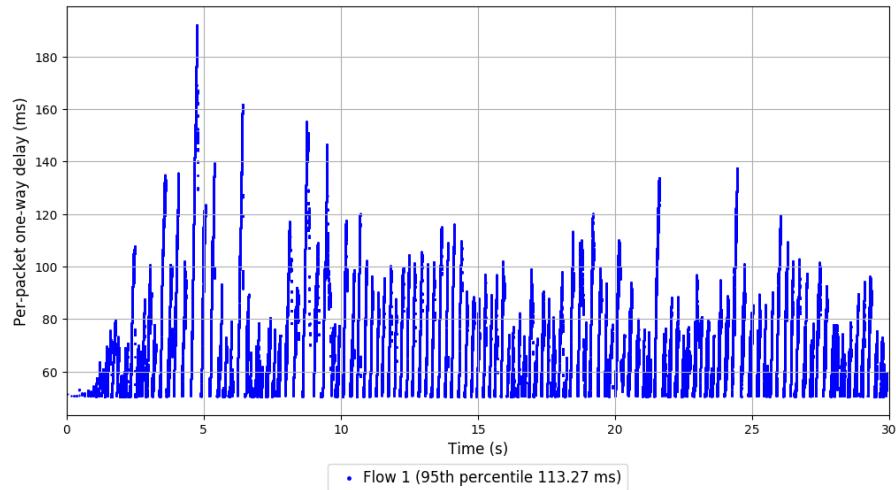
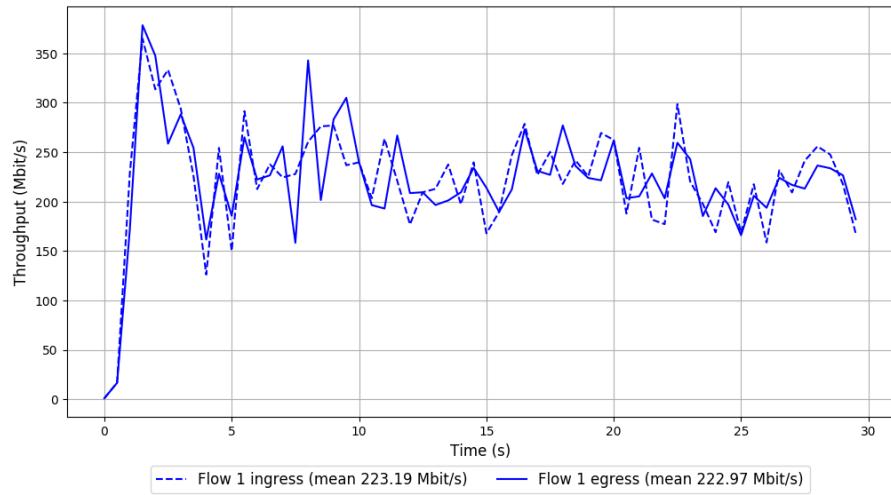
Run 9: Statistics of Verus

Start at: 2017-09-21 15:48:37

End at: 2017-09-21 15:49:07

```
# Below is generated by plot.py at 2017-09-21 18:39:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 222.97 Mbit/s
95th percentile per-packet one-way delay: 113.269 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 222.97 Mbit/s
95th percentile per-packet one-way delay: 113.269 ms
Loss rate: 0.31%
```

Run 9: Report of Verus — Data Link



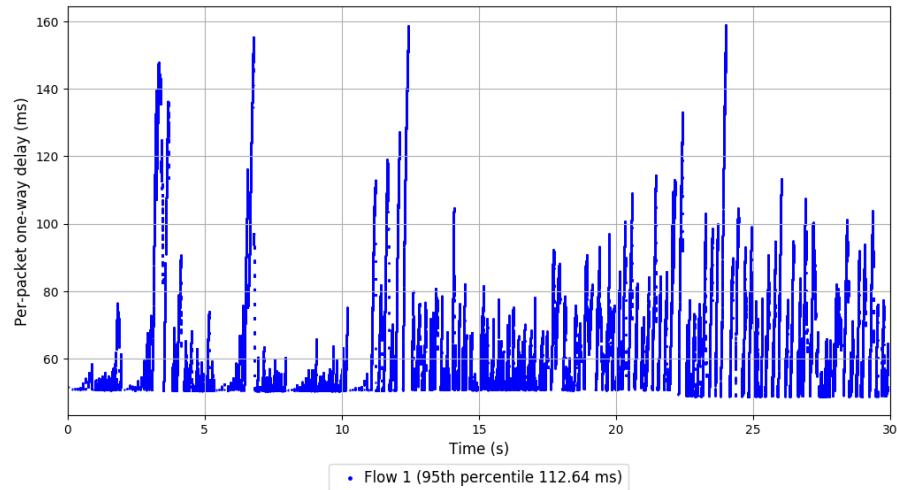
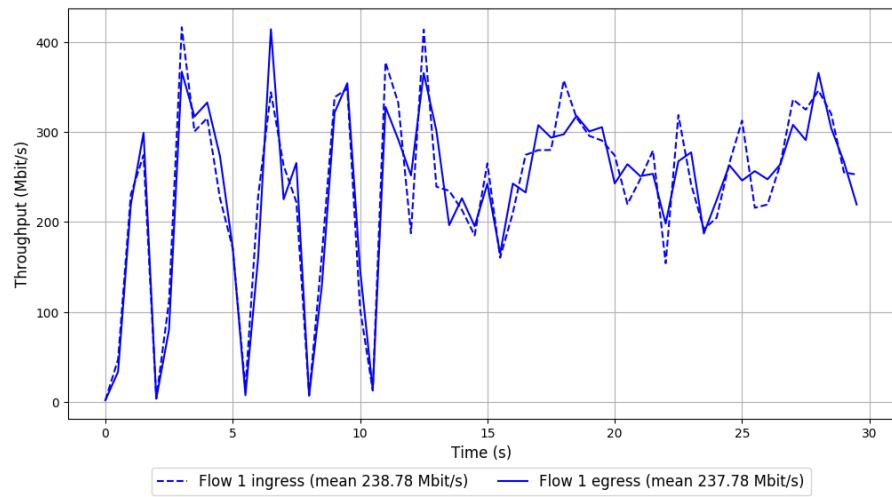
Run 10: Statistics of Verus

Start at: 2017-09-21 15:59:22

End at: 2017-09-21 15:59:52

```
# Below is generated by plot.py at 2017-09-21 18:39:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 237.78 Mbit/s
95th percentile per-packet one-way delay: 112.643 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 237.78 Mbit/s
95th percentile per-packet one-way delay: 112.643 ms
Loss rate: 0.68%
```

Run 10: Report of Verus — Data Link



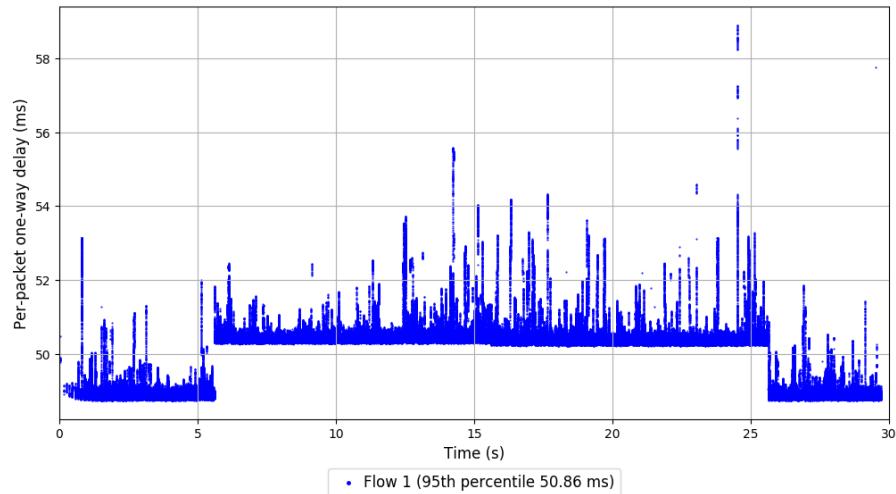
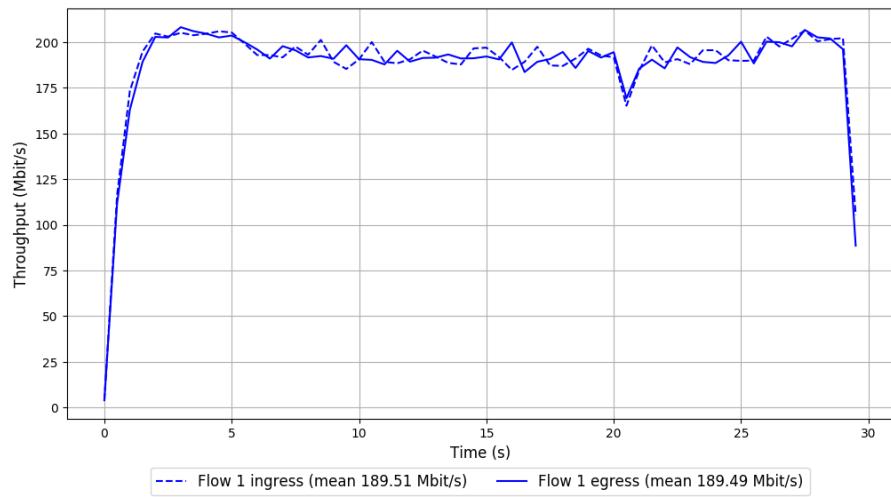
Run 1: Statistics of Indigo

Start at: 2017-09-21 14:25:58

End at: 2017-09-21 14:26:28

```
# Below is generated by plot.py at 2017-09-21 18:39:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 189.49 Mbit/s
95th percentile per-packet one-way delay: 50.858 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 189.49 Mbit/s
95th percentile per-packet one-way delay: 50.858 ms
Loss rate: 0.36%
```

Run 1: Report of Indigo — Data Link



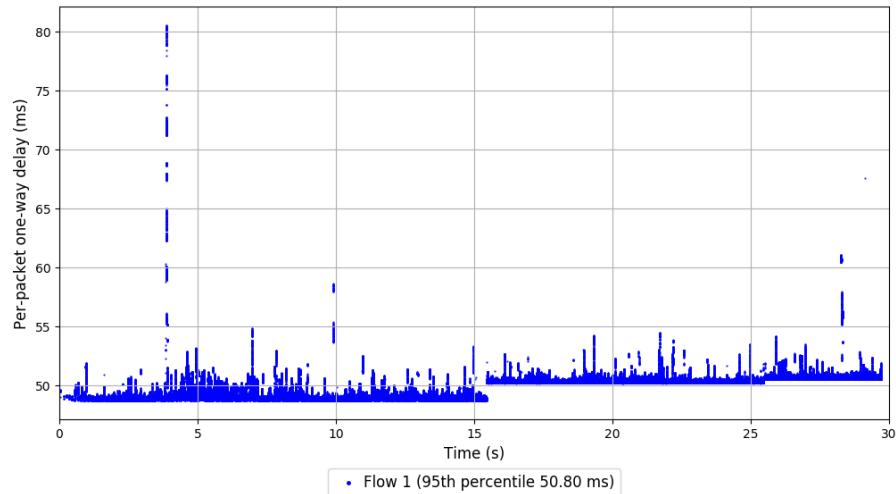
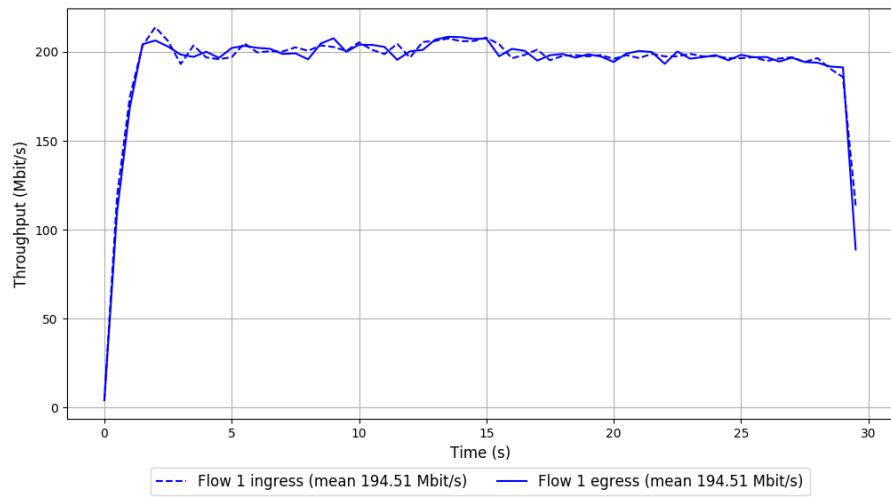
Run 2: Statistics of Indigo

Start at: 2017-09-21 14:36:18

End at: 2017-09-21 14:36:48

```
# Below is generated by plot.py at 2017-09-21 18:39:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 194.51 Mbit/s
95th percentile per-packet one-way delay: 50.797 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 194.51 Mbit/s
95th percentile per-packet one-way delay: 50.797 ms
Loss rate: 0.34%
```

Run 2: Report of Indigo — Data Link



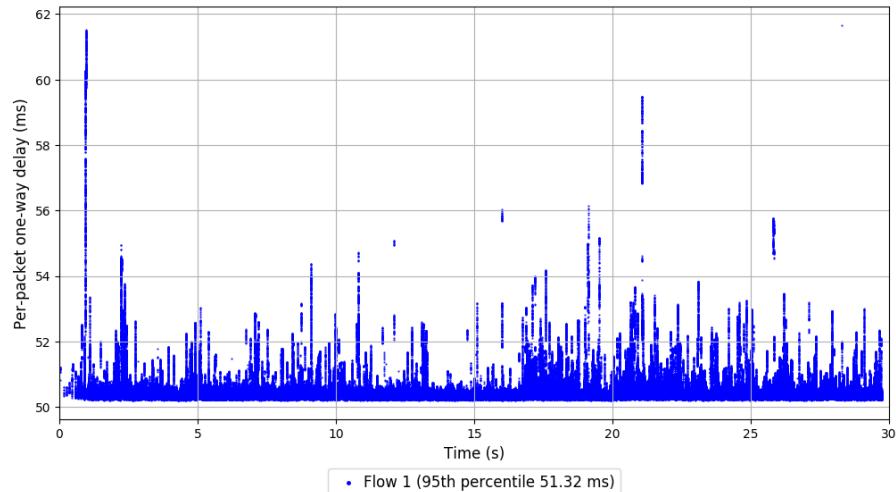
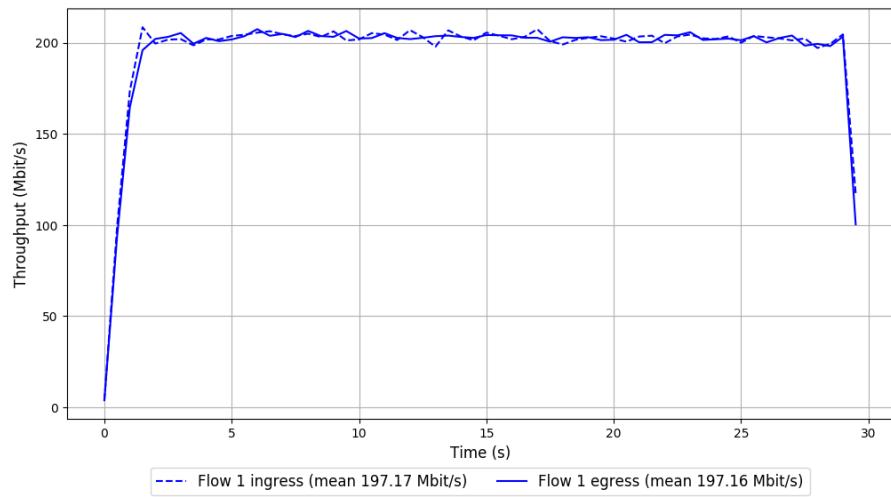
Run 3: Statistics of Indigo

Start at: 2017-09-21 14:47:00

End at: 2017-09-21 14:47:30

```
# Below is generated by plot.py at 2017-09-21 18:39:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 197.16 Mbit/s
95th percentile per-packet one-way delay: 51.320 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 197.16 Mbit/s
95th percentile per-packet one-way delay: 51.320 ms
Loss rate: 0.34%
```

Run 3: Report of Indigo — Data Link



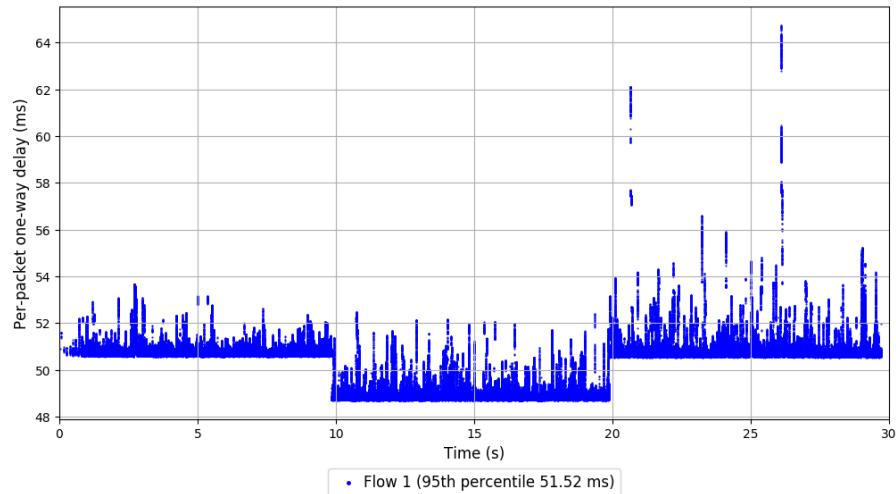
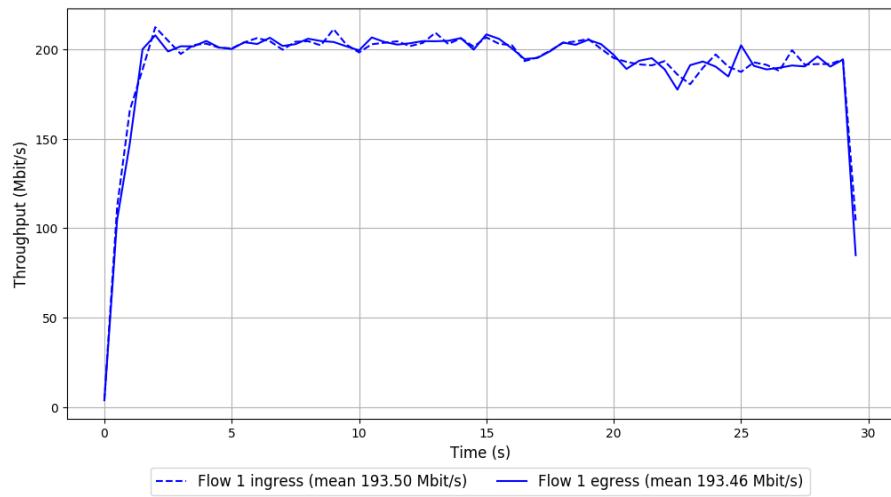
Run 4: Statistics of Indigo

Start at: 2017-09-21 14:57:44

End at: 2017-09-21 14:58:14

```
# Below is generated by plot.py at 2017-09-21 18:41:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 193.46 Mbit/s
95th percentile per-packet one-way delay: 51.519 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 193.46 Mbit/s
95th percentile per-packet one-way delay: 51.519 ms
Loss rate: 0.36%
```

Run 4: Report of Indigo — Data Link



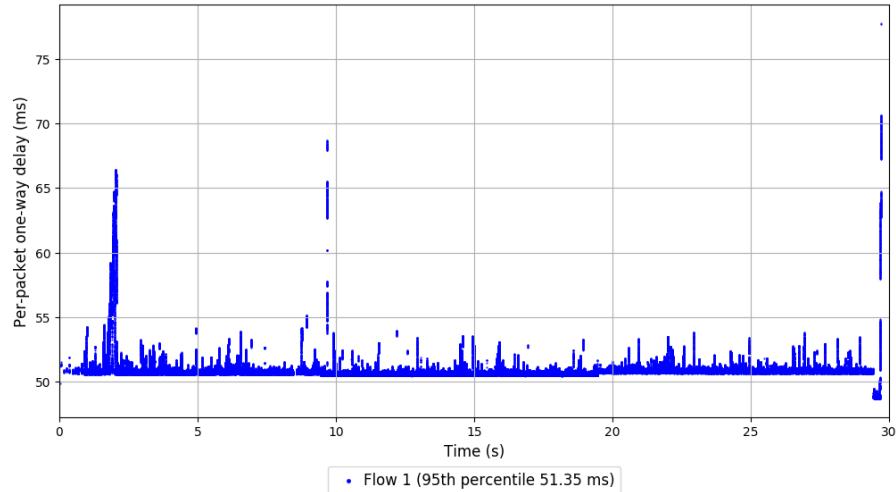
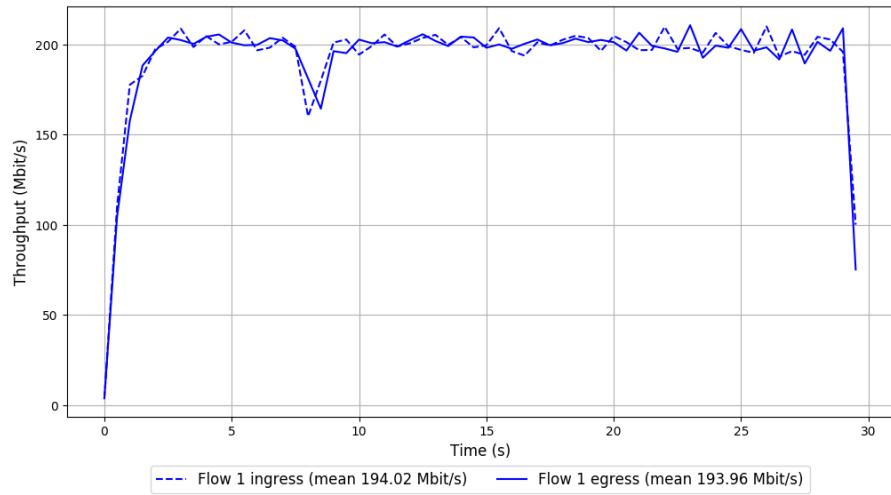
Run 5: Statistics of Indigo

Start at: 2017-09-21 15:08:24

End at: 2017-09-21 15:08:54

```
# Below is generated by plot.py at 2017-09-21 18:42:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 193.96 Mbit/s
95th percentile per-packet one-way delay: 51.347 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 193.96 Mbit/s
95th percentile per-packet one-way delay: 51.347 ms
Loss rate: 0.34%
```

Run 5: Report of Indigo — Data Link



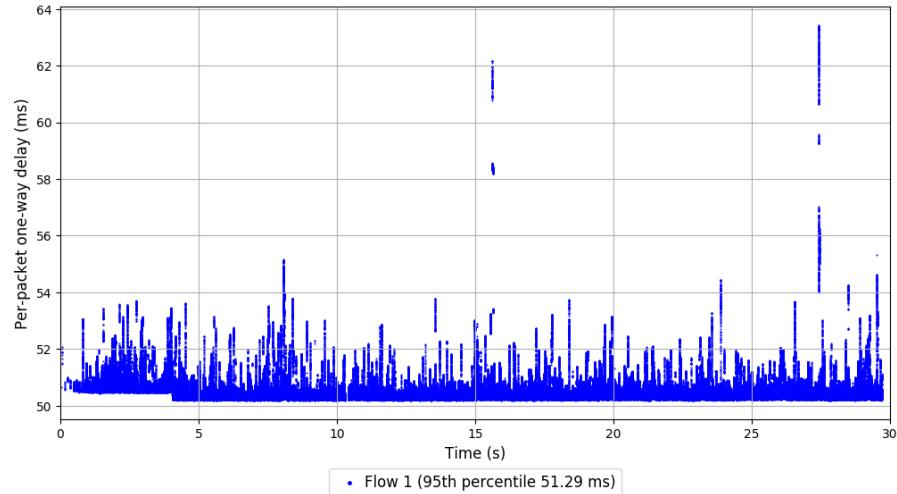
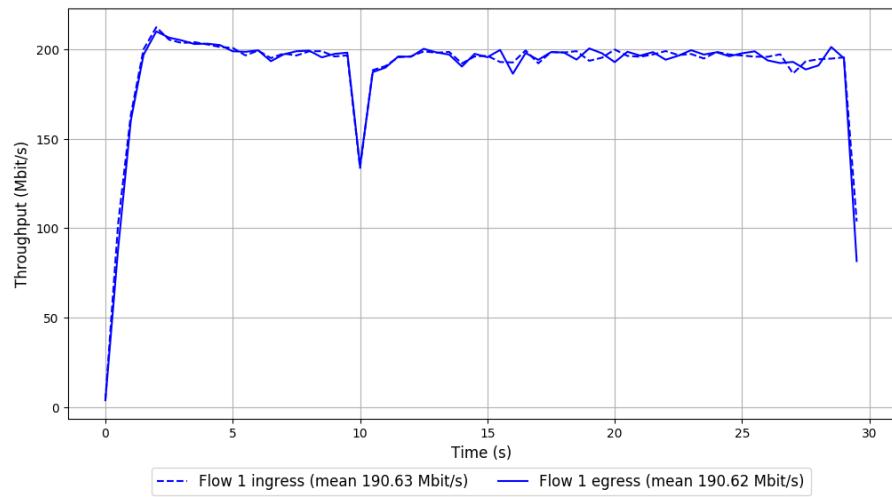
Run 6: Statistics of Indigo

Start at: 2017-09-21 15:18:50

End at: 2017-09-21 15:19:20

```
# Below is generated by plot.py at 2017-09-21 18:42:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 190.62 Mbit/s
95th percentile per-packet one-way delay: 51.289 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 190.62 Mbit/s
95th percentile per-packet one-way delay: 51.289 ms
Loss rate: 0.36%
```

Run 6: Report of Indigo — Data Link



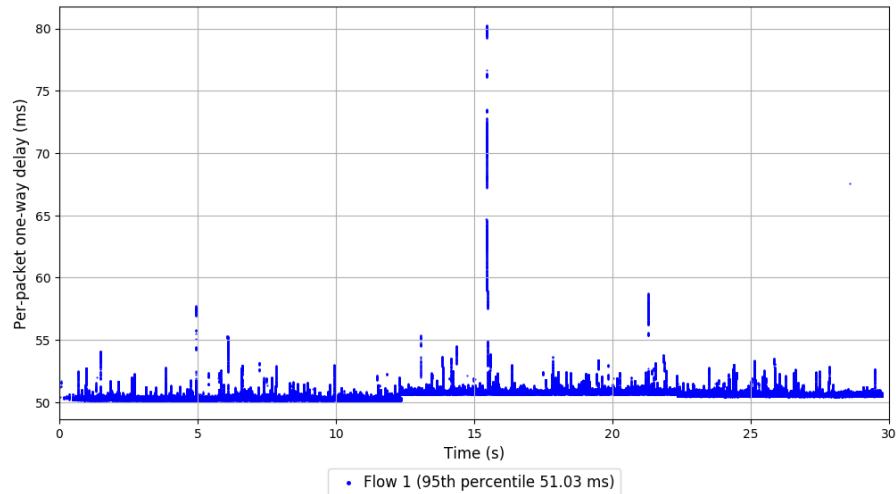
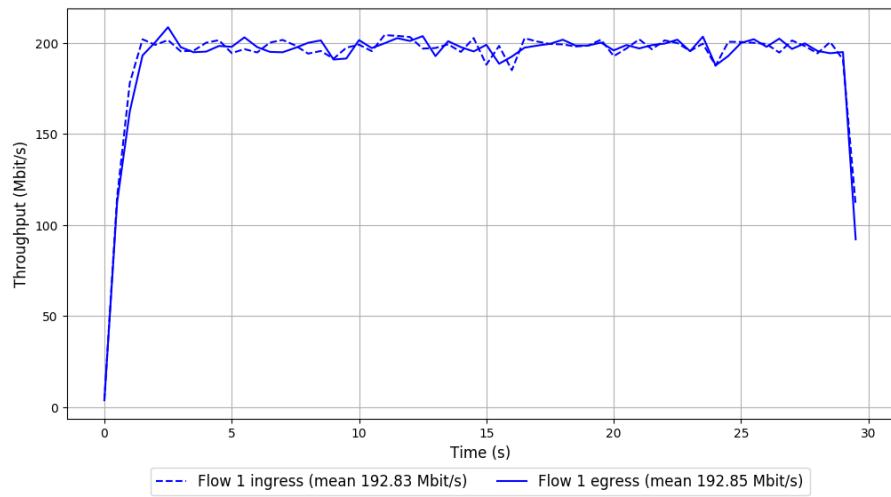
Run 7: Statistics of Indigo

Start at: 2017-09-21 15:29:31

End at: 2017-09-21 15:30:01

```
# Below is generated by plot.py at 2017-09-21 18:42:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 192.85 Mbit/s
95th percentile per-packet one-way delay: 51.030 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 192.85 Mbit/s
95th percentile per-packet one-way delay: 51.030 ms
Loss rate: 0.33%
```

Run 7: Report of Indigo — Data Link



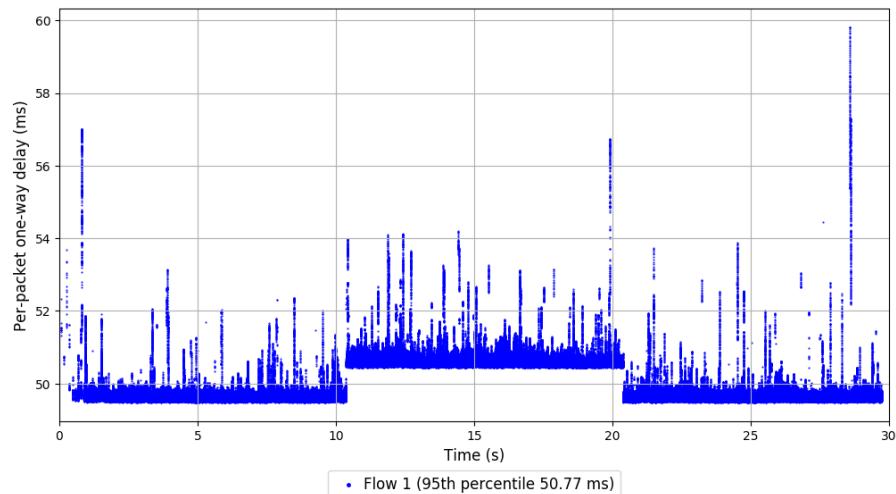
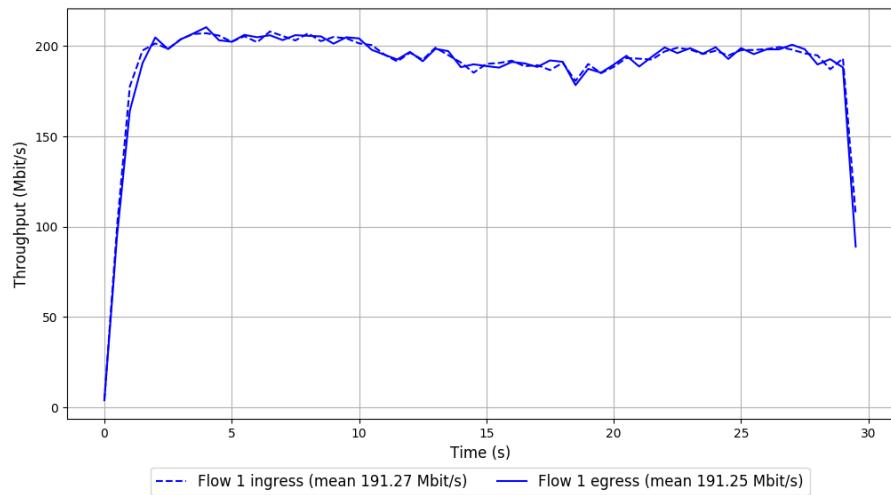
Run 8: Statistics of Indigo

Start at: 2017-09-21 15:40:13

End at: 2017-09-21 15:40:43

```
# Below is generated by plot.py at 2017-09-21 18:42:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 191.25 Mbit/s
95th percentile per-packet one-way delay: 50.775 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 191.25 Mbit/s
95th percentile per-packet one-way delay: 50.775 ms
Loss rate: 0.35%
```

Run 8: Report of Indigo — Data Link



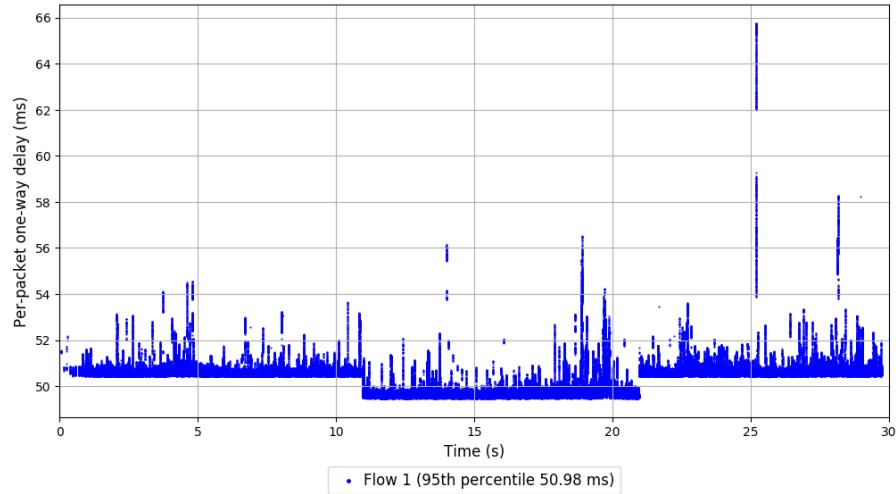
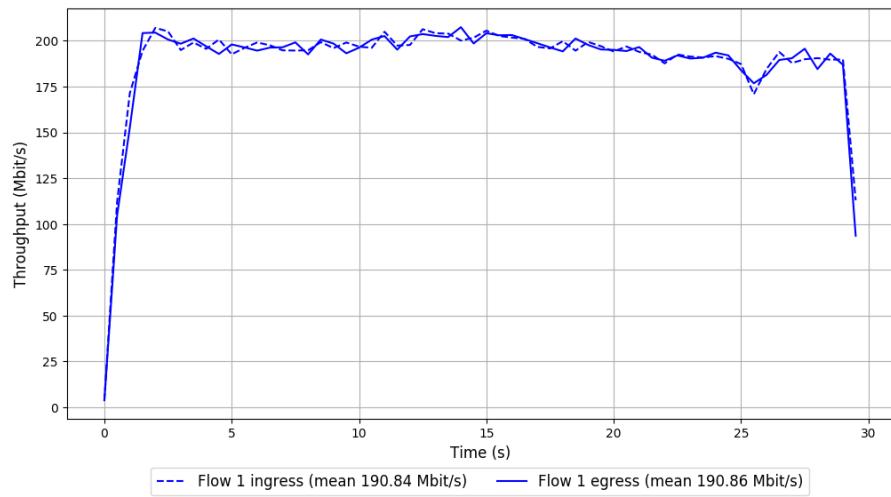
Run 9: Statistics of Indigo

Start at: 2017-09-21 15:50:53

End at: 2017-09-21 15:51:23

```
# Below is generated by plot.py at 2017-09-21 18:42:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 190.86 Mbit/s
95th percentile per-packet one-way delay: 50.980 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 190.86 Mbit/s
95th percentile per-packet one-way delay: 50.980 ms
Loss rate: 0.34%
```

Run 9: Report of Indigo — Data Link



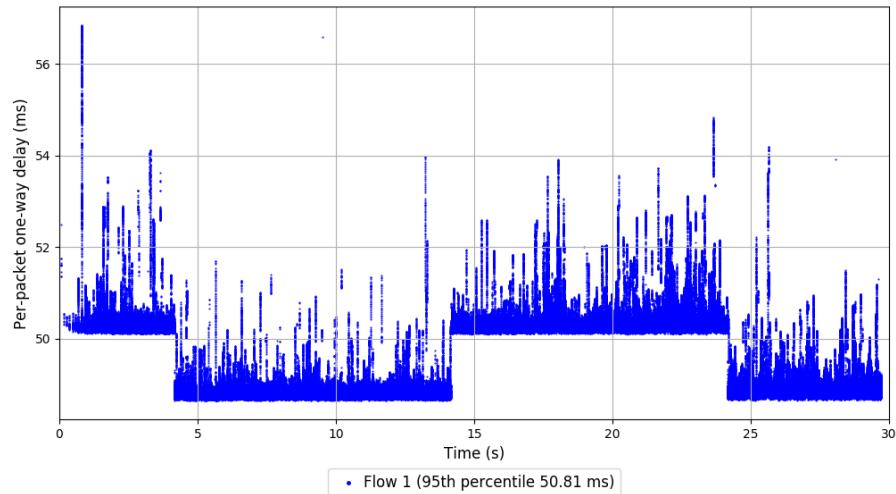
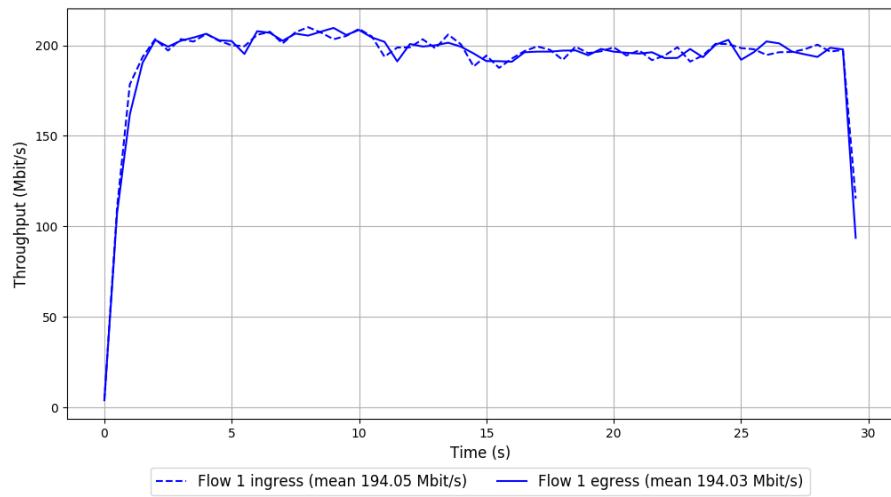
Run 10: Statistics of Indigo

Start at: 2017-09-21 16:01:40

End at: 2017-09-21 16:02:10

```
# Below is generated by plot.py at 2017-09-21 18:43:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 194.03 Mbit/s
95th percentile per-packet one-way delay: 50.810 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 194.03 Mbit/s
95th percentile per-packet one-way delay: 50.810 ms
Loss rate: 0.35%
```

Run 10: Report of Indigo — Data Link



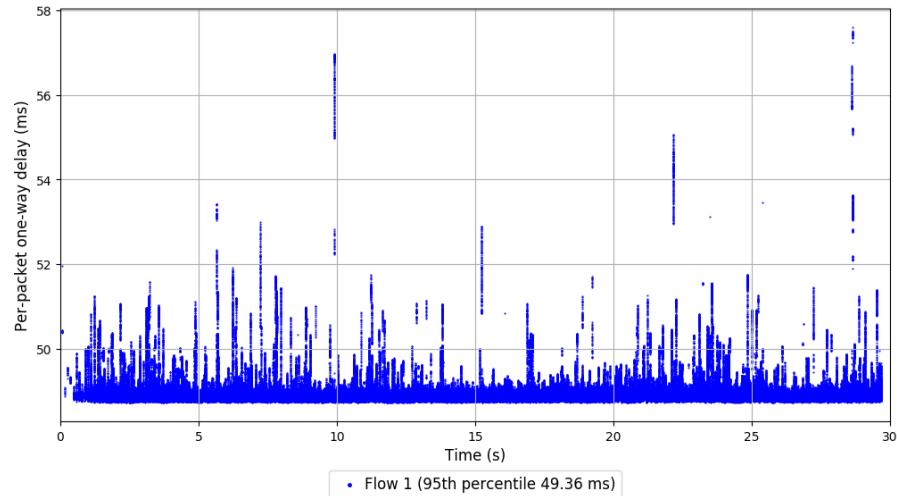
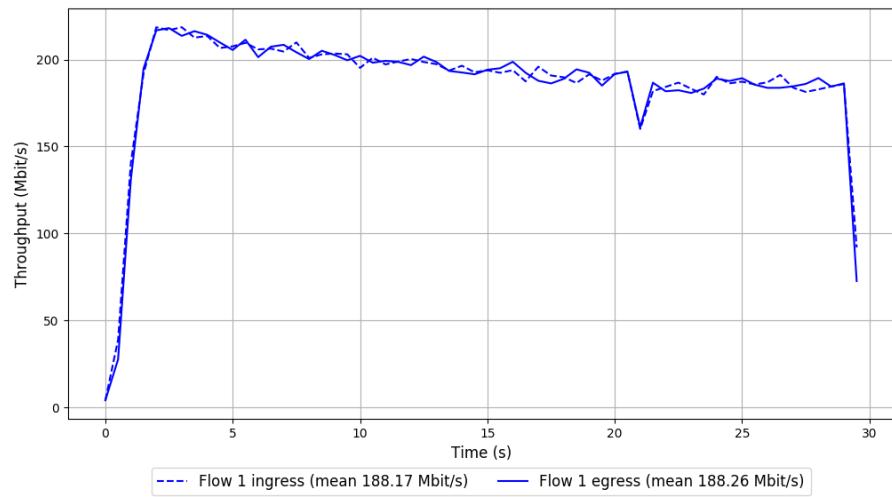
Run 1: Statistics of Indigo-calib

Start at: 2017-09-21 14:32:26

End at: 2017-09-21 14:32:56

```
# Below is generated by plot.py at 2017-09-21 18:43:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 188.26 Mbit/s
95th percentile per-packet one-way delay: 49.363 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 188.26 Mbit/s
95th percentile per-packet one-way delay: 49.363 ms
Loss rate: 0.30%
```

Run 1: Report of Indigo-calib — Data Link



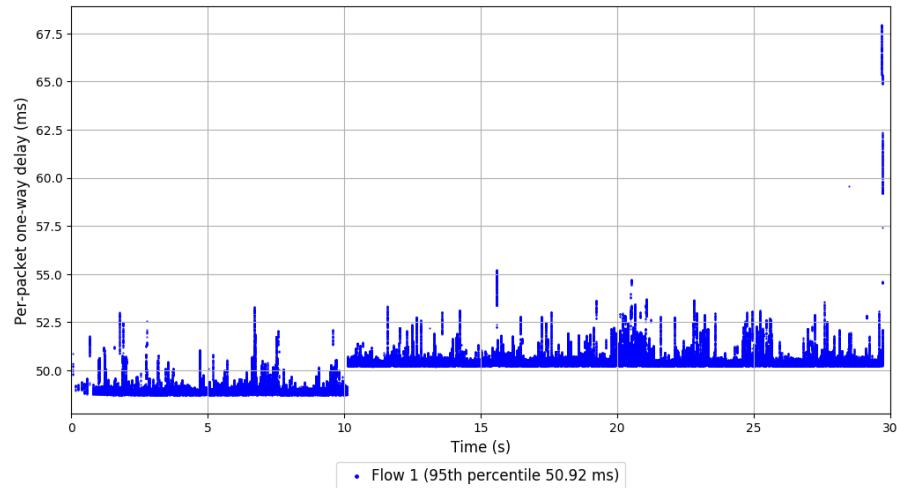
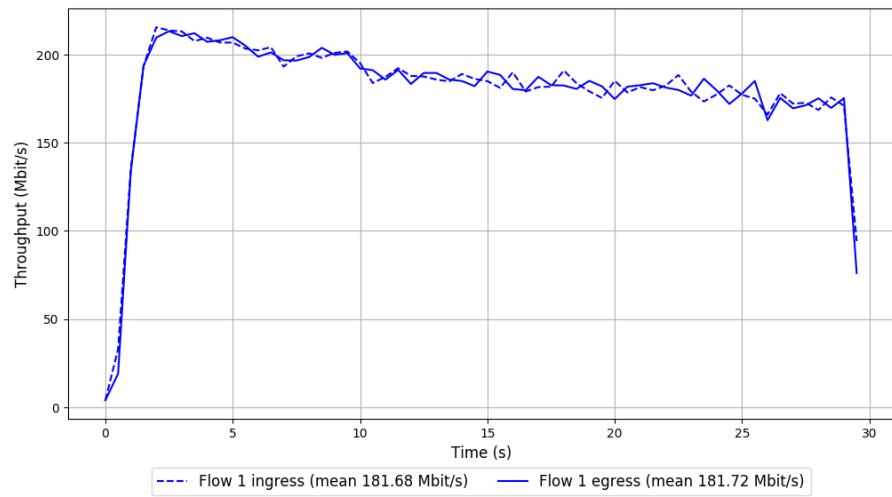
Run 2: Statistics of Indigo-calib

Start at: 2017-09-21 14:42:54

End at: 2017-09-21 14:43:24

```
# Below is generated by plot.py at 2017-09-21 18:45:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 181.72 Mbit/s
95th percentile per-packet one-way delay: 50.925 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 181.72 Mbit/s
95th percentile per-packet one-way delay: 50.925 ms
Loss rate: 0.31%
```

Run 2: Report of Indigo-calib — Data Link



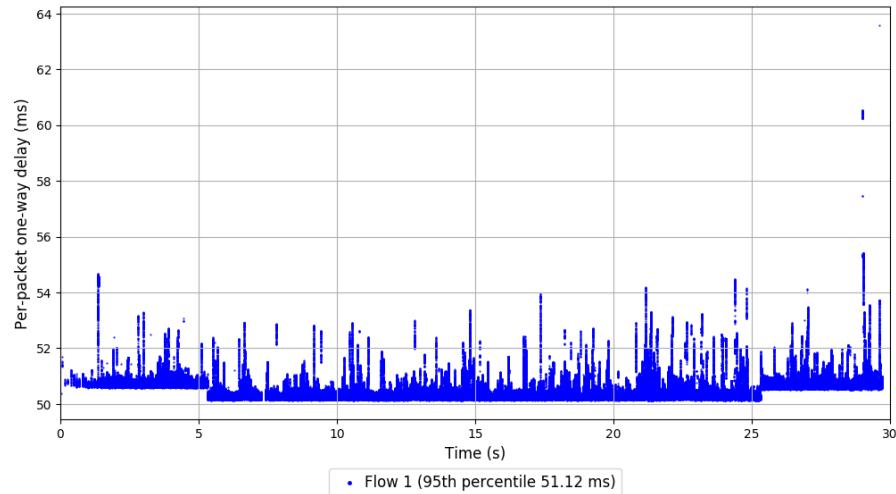
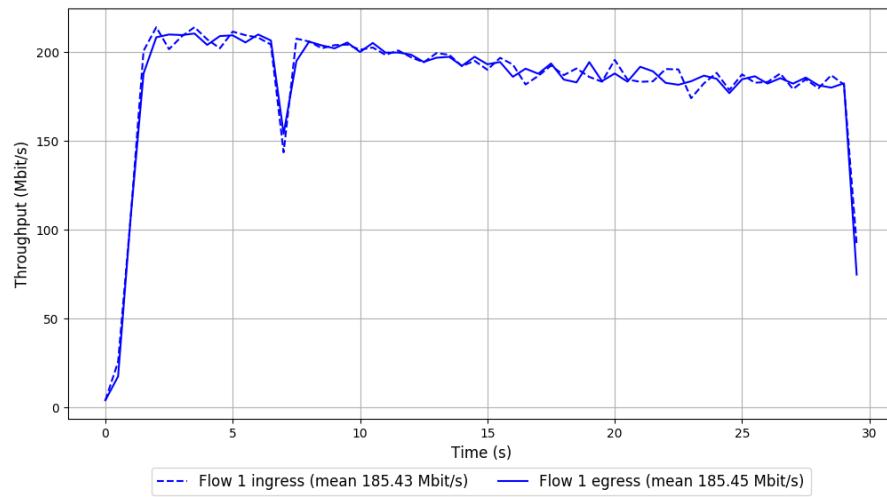
Run 3: Statistics of Indigo-calib

Start at: 2017-09-21 14:53:38

End at: 2017-09-21 14:54:08

```
# Below is generated by plot.py at 2017-09-21 18:46:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 185.45 Mbit/s
95th percentile per-packet one-way delay: 51.119 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 185.45 Mbit/s
95th percentile per-packet one-way delay: 51.119 ms
Loss rate: 0.35%
```

Run 3: Report of Indigo-calib — Data Link



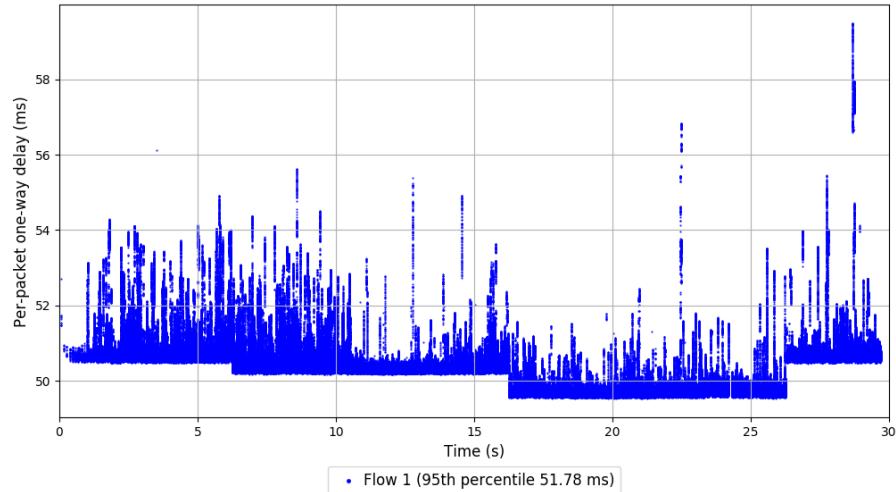
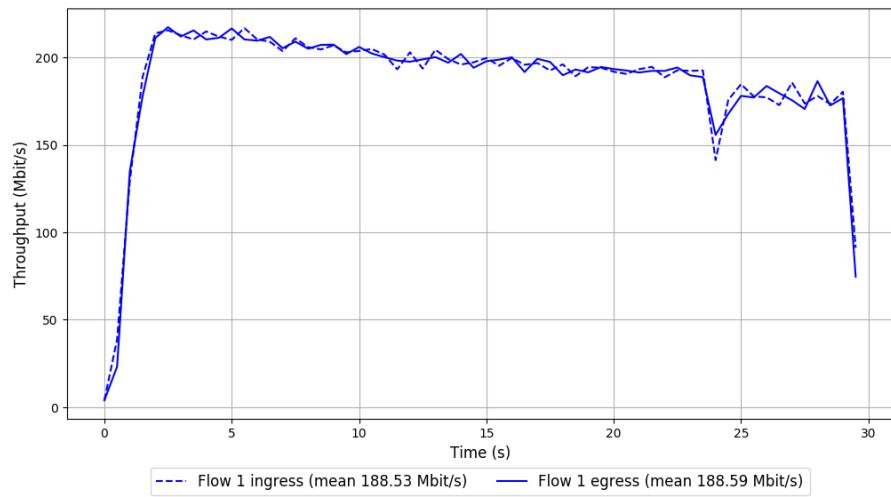
Run 4: Statistics of Indigo-calib

Start at: 2017-09-21 15:04:17

End at: 2017-09-21 15:04:47

```
# Below is generated by plot.py at 2017-09-21 18:46:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 188.59 Mbit/s
95th percentile per-packet one-way delay: 51.782 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 188.59 Mbit/s
95th percentile per-packet one-way delay: 51.782 ms
Loss rate: 0.32%
```

Run 4: Report of Indigo-calib — Data Link

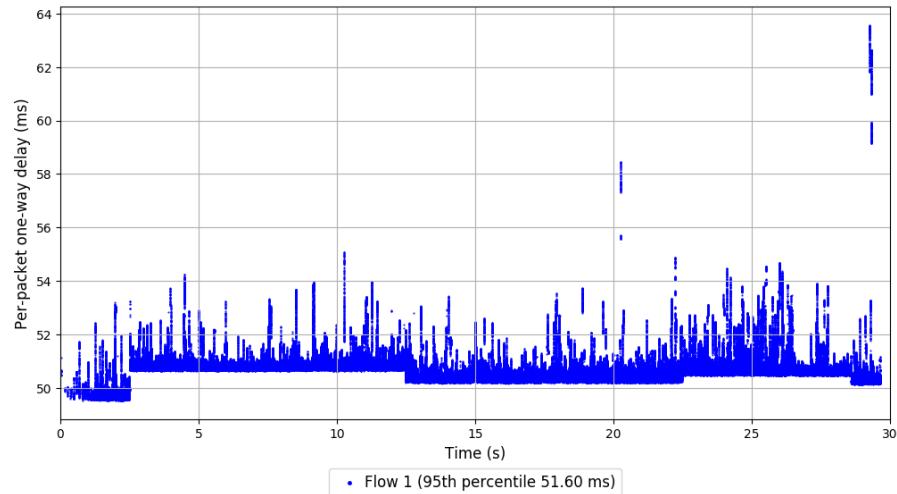
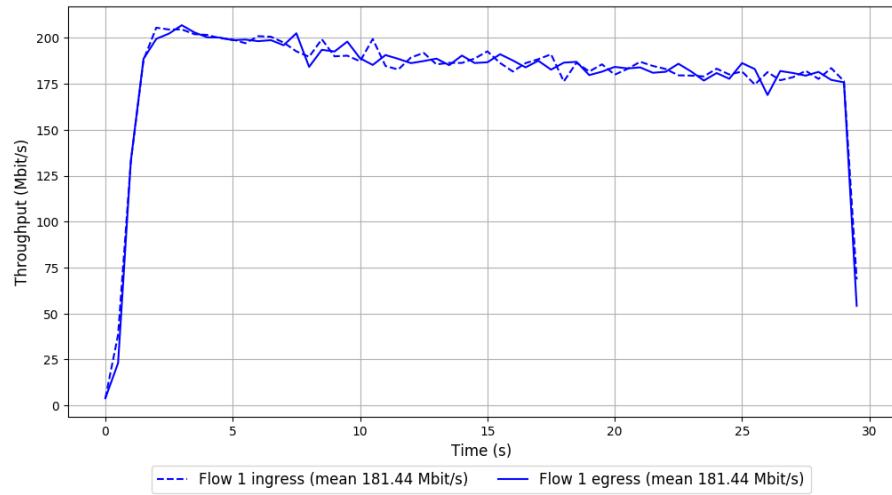


```
Run 5: Statistics of Indigo-calib

Start at: 2017-09-21 15:15:01
End at: 2017-09-21 15:15:31

# Below is generated by plot.py at 2017-09-21 18:46:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 181.44 Mbit/s
95th percentile per-packet one-way delay: 51.599 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 181.44 Mbit/s
95th percentile per-packet one-way delay: 51.599 ms
Loss rate: 0.35%
```

Run 5: Report of Indigo-calib — Data Link



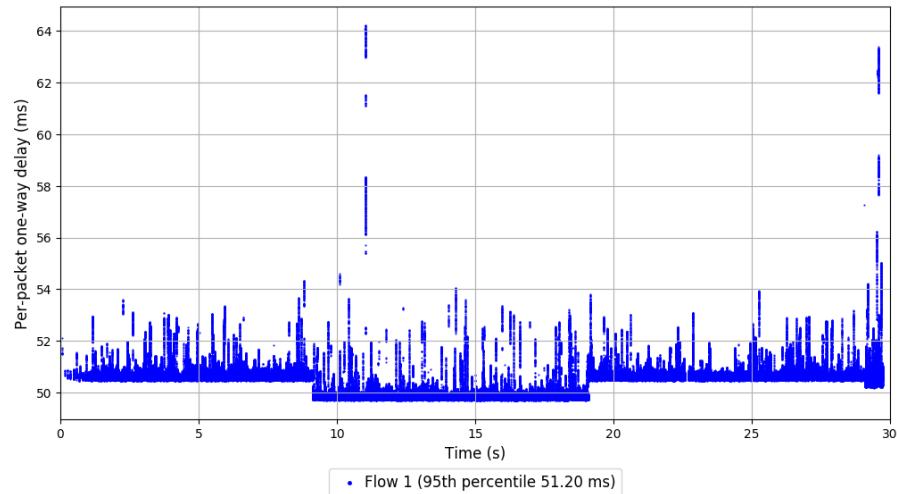
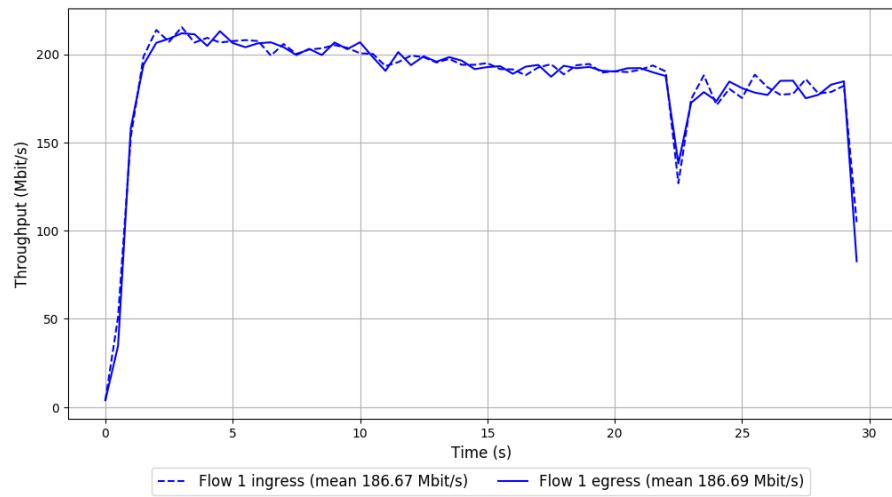
Run 6: Statistics of Indigo-calib

Start at: 2017-09-21 15:25:25

End at: 2017-09-21 15:25:55

```
# Below is generated by plot.py at 2017-09-21 18:46:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 186.69 Mbit/s
95th percentile per-packet one-way delay: 51.196 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 186.69 Mbit/s
95th percentile per-packet one-way delay: 51.196 ms
Loss rate: 0.34%
```

Run 6: Report of Indigo-calib — Data Link



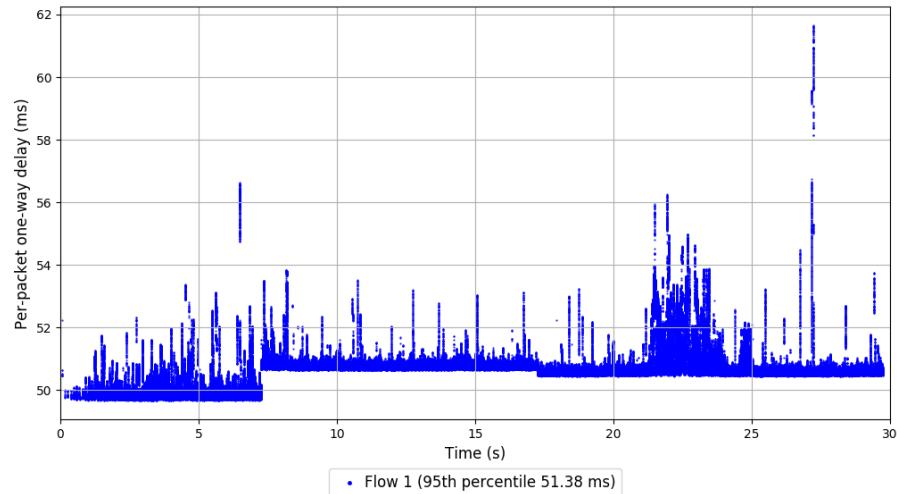
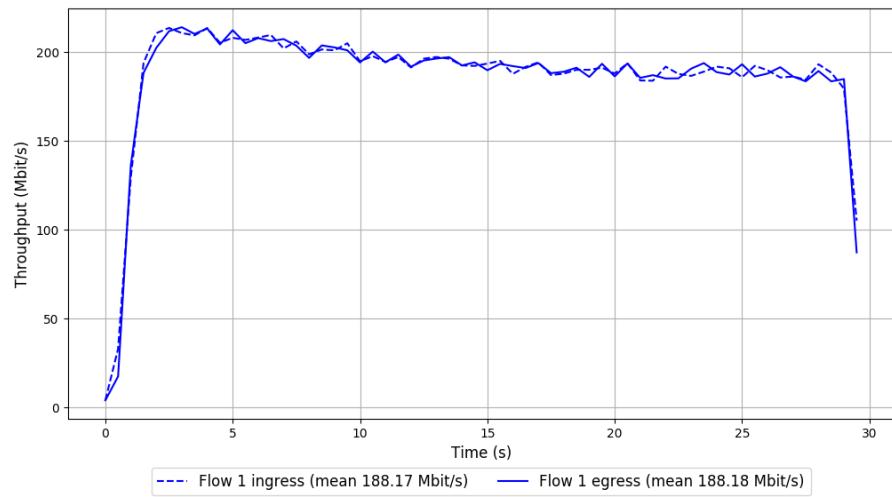
Run 7: Statistics of Indigo-calib

Start at: 2017-09-21 15:36:06

End at: 2017-09-21 15:36:36

```
# Below is generated by plot.py at 2017-09-21 18:46:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 188.18 Mbit/s
95th percentile per-packet one-way delay: 51.378 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 188.18 Mbit/s
95th percentile per-packet one-way delay: 51.378 ms
Loss rate: 0.35%
```

Run 7: Report of Indigo-calib — Data Link



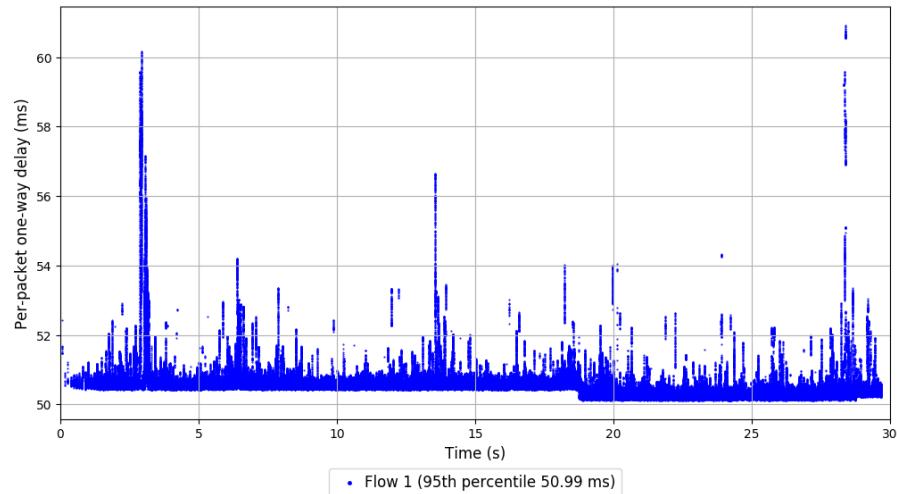
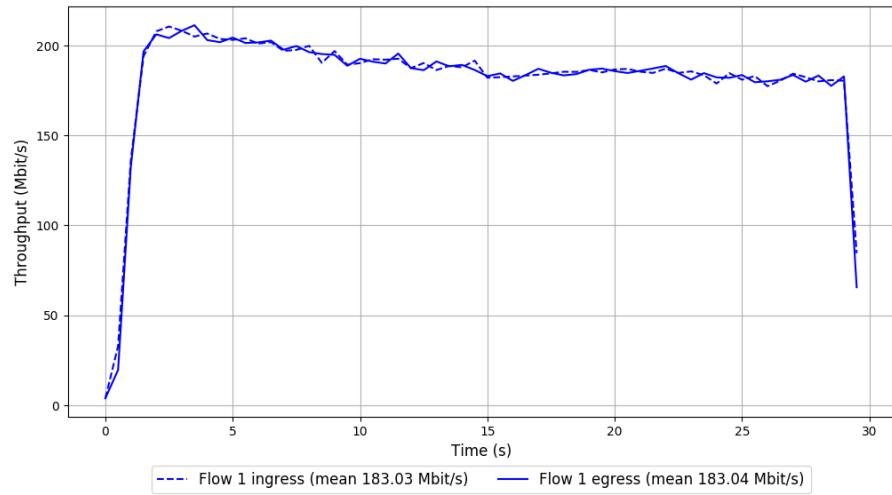
Run 8: Statistics of Indigo-calib

Start at: 2017-09-21 15:46:45

End at: 2017-09-21 15:47:15

```
# Below is generated by plot.py at 2017-09-21 18:46:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 183.04 Mbit/s
95th percentile per-packet one-way delay: 50.991 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 183.04 Mbit/s
95th percentile per-packet one-way delay: 50.991 ms
Loss rate: 0.34%
```

Run 8: Report of Indigo-calib — Data Link



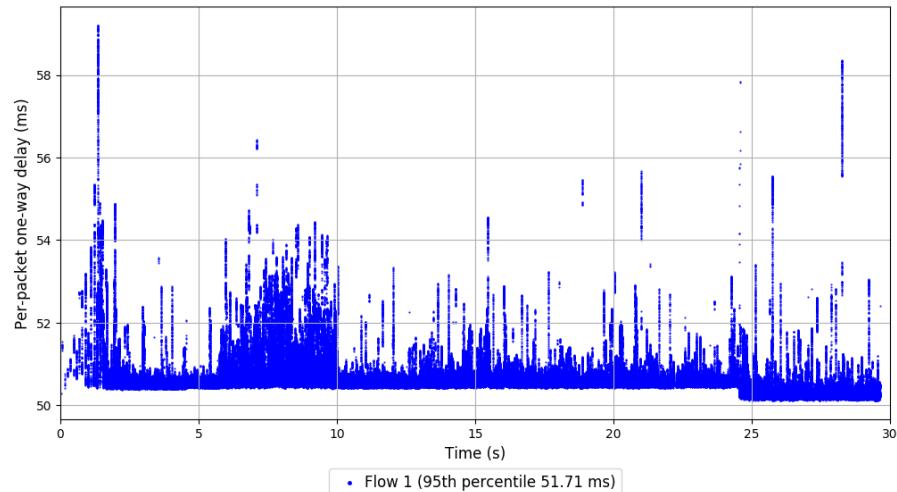
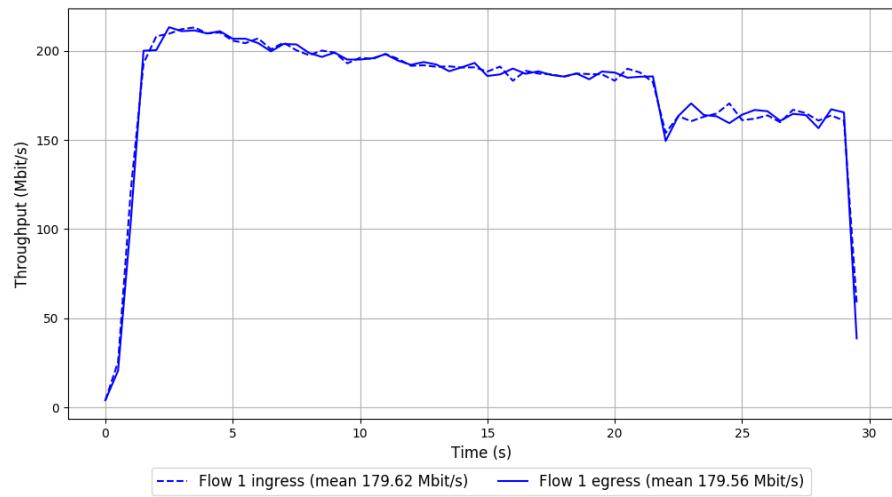
Run 9: Statistics of Indigo-calib

Start at: 2017-09-21 15:57:29

End at: 2017-09-21 15:57:59

```
# Below is generated by plot.py at 2017-09-21 18:46:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 179.56 Mbit/s
95th percentile per-packet one-way delay: 51.714 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 179.56 Mbit/s
95th percentile per-packet one-way delay: 51.714 ms
Loss rate: 0.31%
```

Run 9: Report of Indigo-calib — Data Link



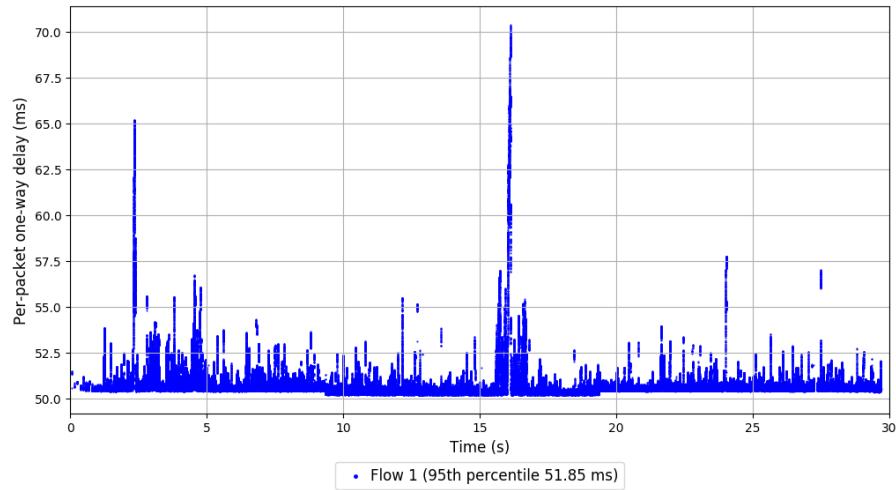
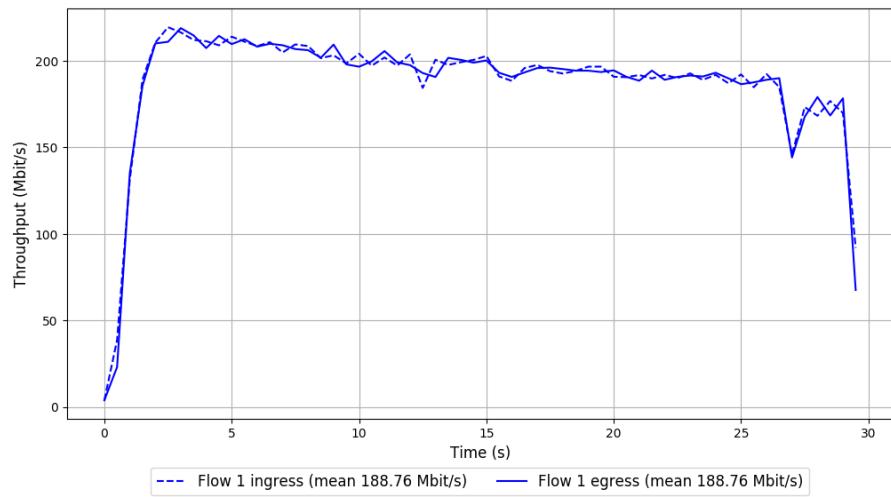
Run 10: Statistics of Indigo-calib

Start at: 2017-09-21 16:08:14

End at: 2017-09-21 16:08:44

```
# Below is generated by plot.py at 2017-09-21 18:49:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 188.76 Mbit/s
95th percentile per-packet one-way delay: 51.851 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 188.76 Mbit/s
95th percentile per-packet one-way delay: 51.851 ms
Loss rate: 0.33%
```

Run 10: Report of Indigo-calib — Data Link

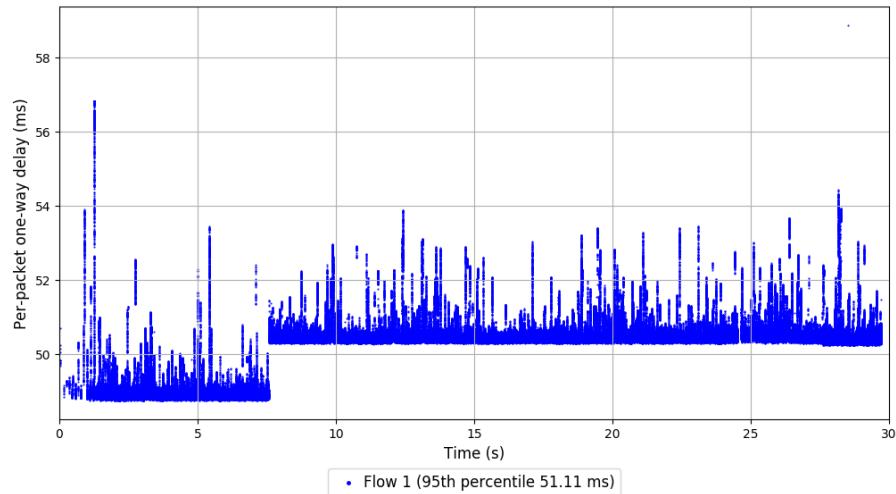
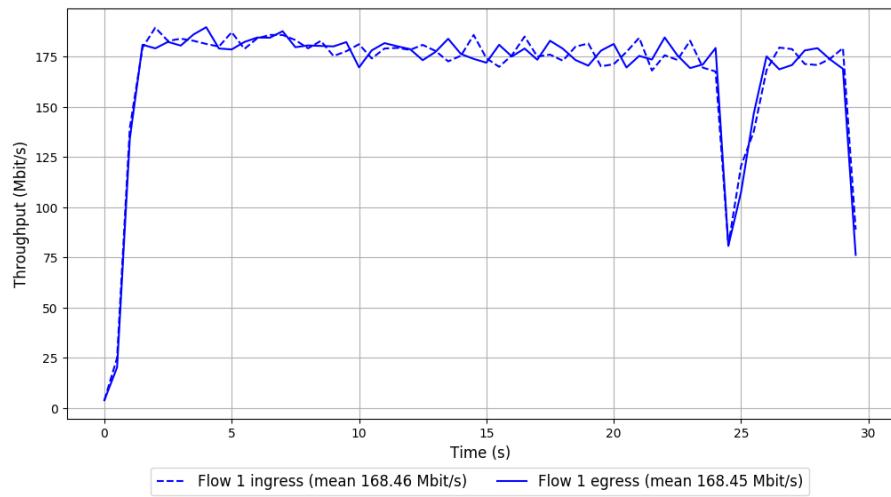


```
Run 1: Statistics of Indigo-delay

Start at: 2017-09-21 14:27:26
End at: 2017-09-21 14:27:56

# Below is generated by plot.py at 2017-09-21 18:49:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 168.45 Mbit/s
95th percentile per-packet one-way delay: 51.108 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 168.45 Mbit/s
95th percentile per-packet one-way delay: 51.108 ms
Loss rate: 0.35%
```

Run 1: Report of Indigo-delay — Data Link



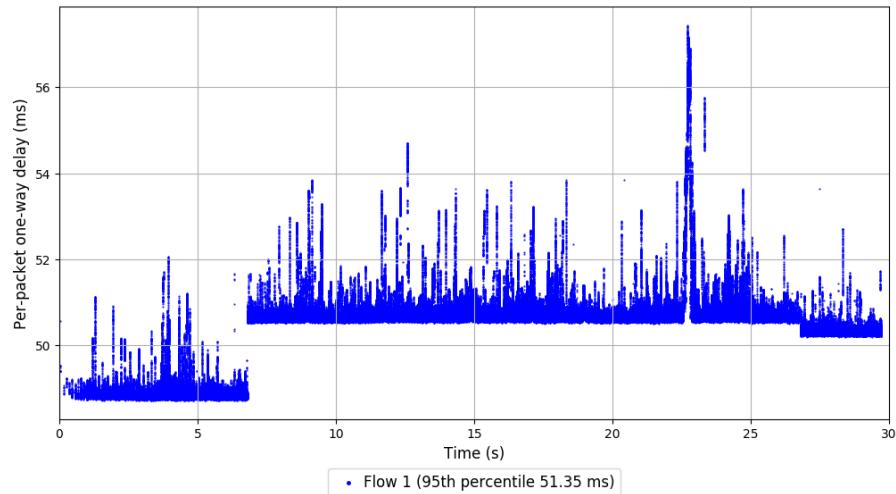
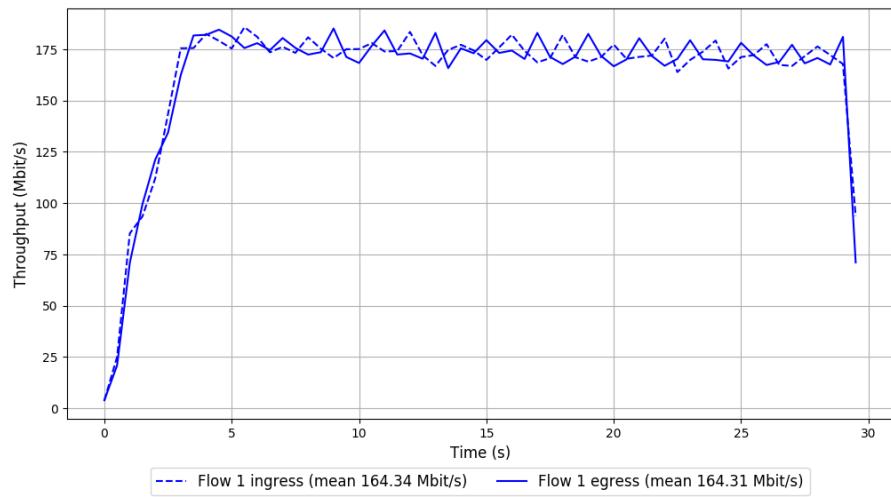
Run 2: Statistics of Indigo-delay

Start at: 2017-09-21 14:37:47

End at: 2017-09-21 14:38:17

```
# Below is generated by plot.py at 2017-09-21 18:49:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 164.31 Mbit/s
95th percentile per-packet one-way delay: 51.346 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 164.31 Mbit/s
95th percentile per-packet one-way delay: 51.346 ms
Loss rate: 0.35%
```

Run 2: Report of Indigo-delay — Data Link



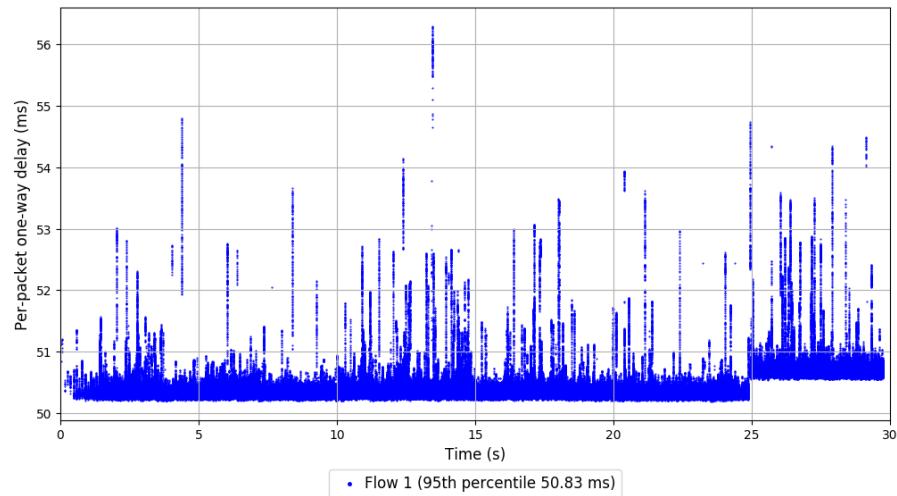
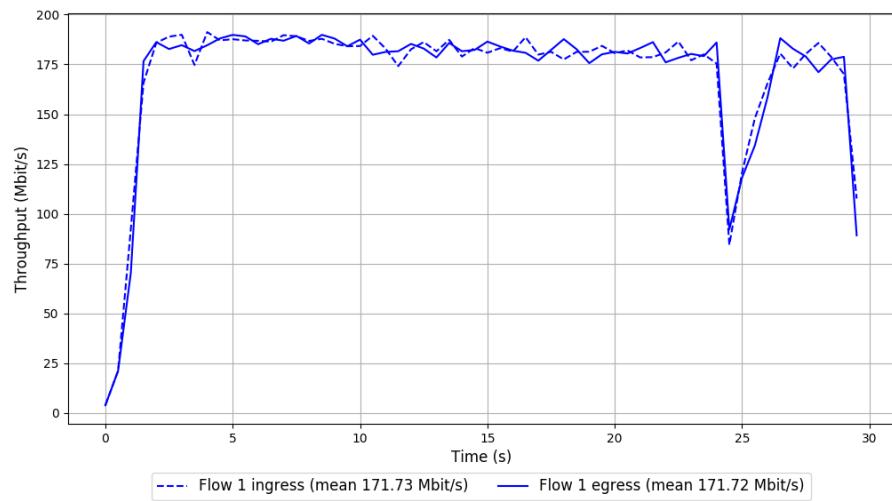
Run 3: Statistics of Indigo-delay

Start at: 2017-09-21 14:48:29

End at: 2017-09-21 14:48:59

```
# Below is generated by plot.py at 2017-09-21 18:49:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 171.72 Mbit/s
95th percentile per-packet one-way delay: 50.831 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 171.72 Mbit/s
95th percentile per-packet one-way delay: 50.831 ms
Loss rate: 0.35%
```

Run 3: Report of Indigo-delay — Data Link



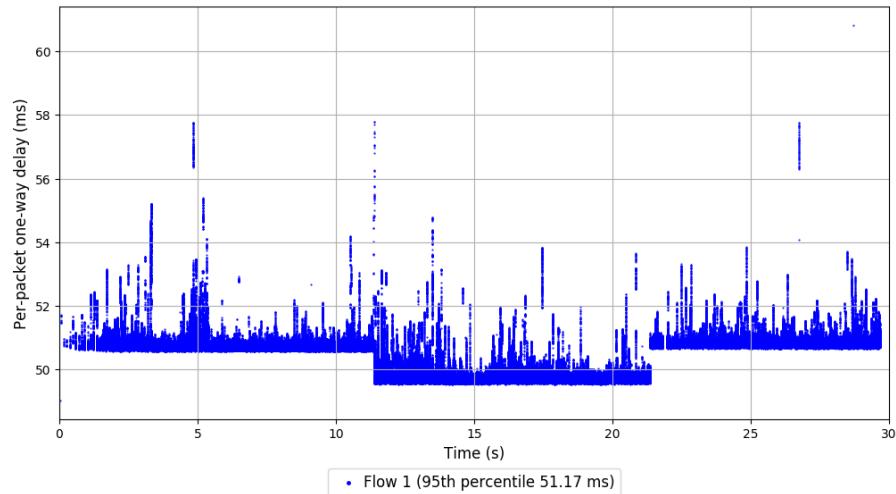
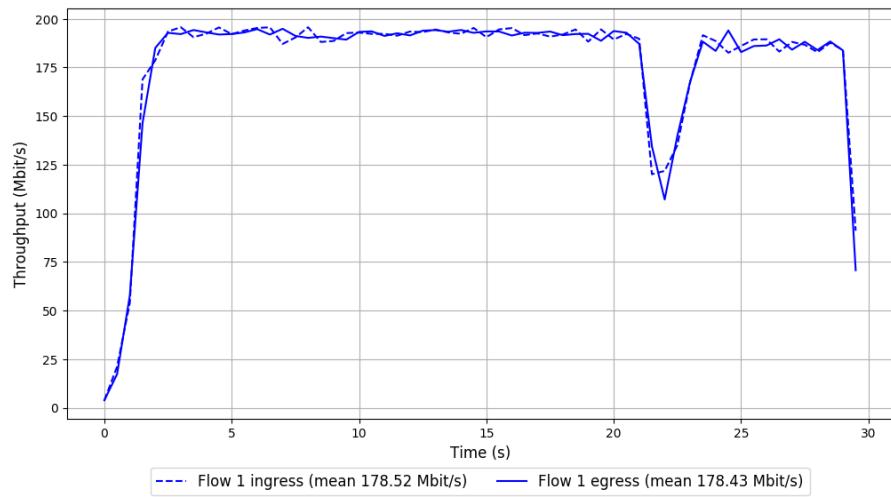
Run 4: Statistics of Indigo-delay

Start at: 2017-09-21 14:59:12

End at: 2017-09-21 14:59:42

```
# Below is generated by plot.py at 2017-09-21 18:50:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 178.43 Mbit/s
95th percentile per-packet one-way delay: 51.170 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 178.43 Mbit/s
95th percentile per-packet one-way delay: 51.170 ms
Loss rate: 0.35%
```

Run 4: Report of Indigo-delay — Data Link



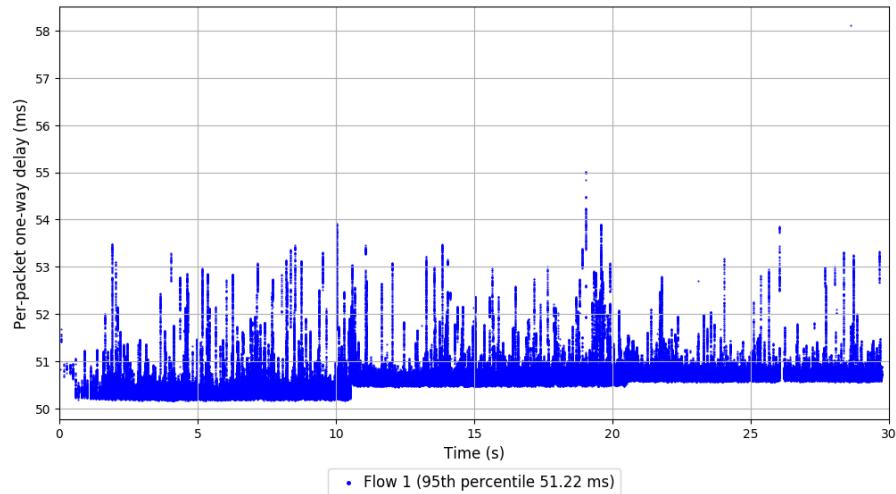
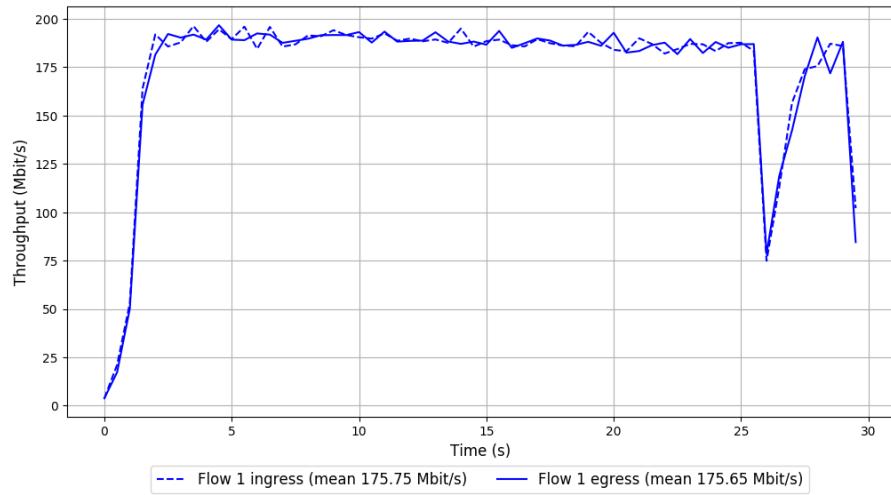
Run 5: Statistics of Indigo-delay

Start at: 2017-09-21 15:09:53

End at: 2017-09-21 15:10:23

```
# Below is generated by plot.py at 2017-09-21 18:50:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 175.65 Mbit/s
95th percentile per-packet one-way delay: 51.220 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 175.65 Mbit/s
95th percentile per-packet one-way delay: 51.220 ms
Loss rate: 0.38%
```

Run 5: Report of Indigo-delay — Data Link



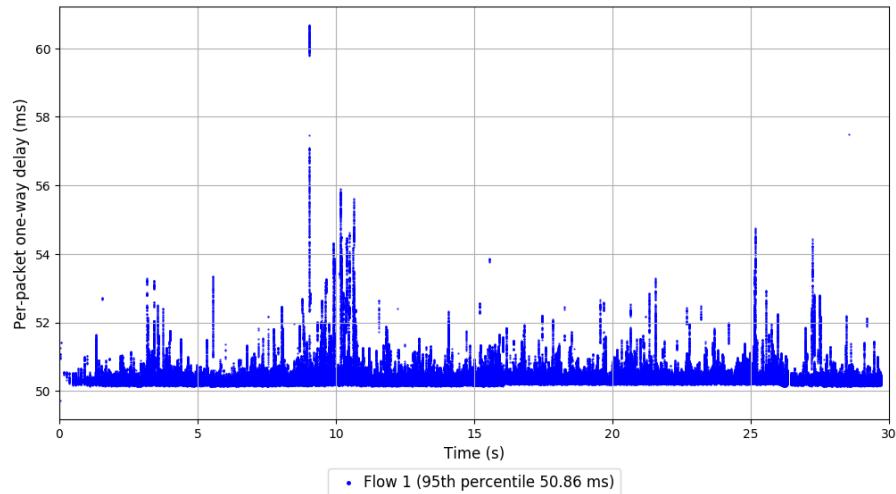
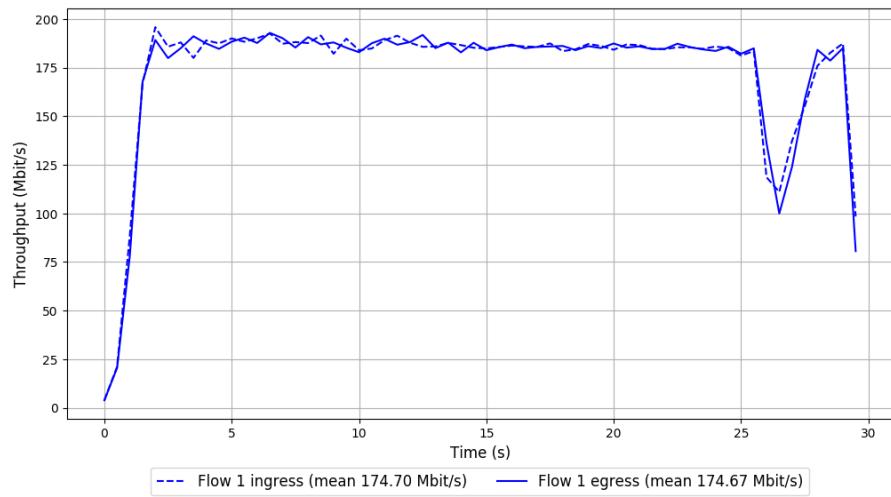
Run 6: Statistics of Indigo-delay

Start at: 2017-09-21 15:20:18

End at: 2017-09-21 15:20:48

```
# Below is generated by plot.py at 2017-09-21 18:50:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 174.67 Mbit/s
95th percentile per-packet one-way delay: 50.860 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 174.67 Mbit/s
95th percentile per-packet one-way delay: 50.860 ms
Loss rate: 0.36%
```

Run 6: Report of Indigo-delay — Data Link



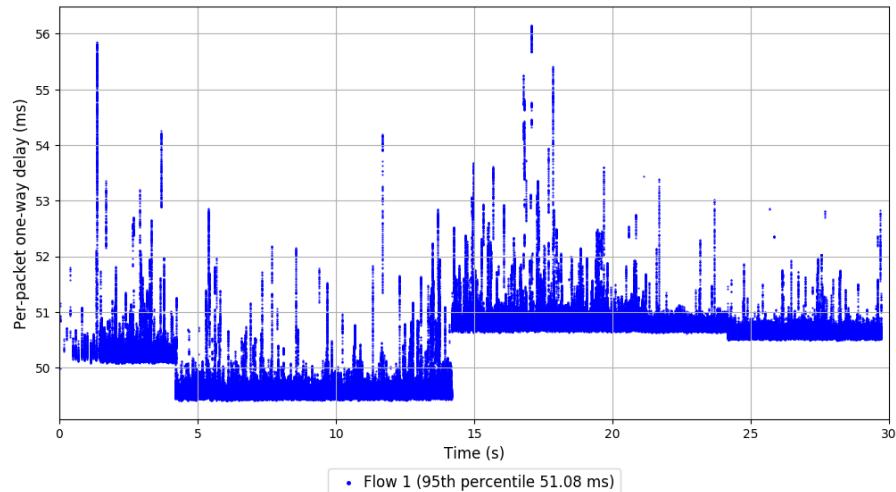
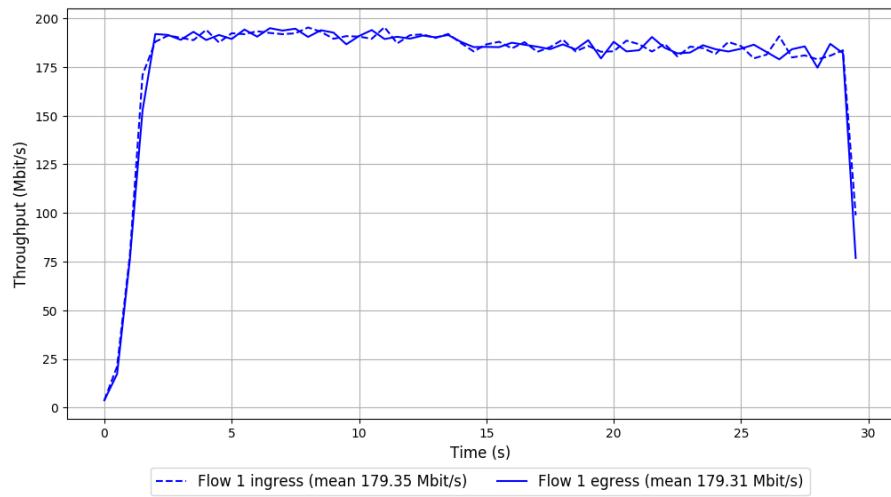
Run 7: Statistics of Indigo-delay

Start at: 2017-09-21 15:31:00

End at: 2017-09-21 15:31:30

```
# Below is generated by plot.py at 2017-09-21 18:50:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 179.31 Mbit/s
95th percentile per-packet one-way delay: 51.081 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 179.31 Mbit/s
95th percentile per-packet one-way delay: 51.081 ms
Loss rate: 0.36%
```

Run 7: Report of Indigo-delay — Data Link



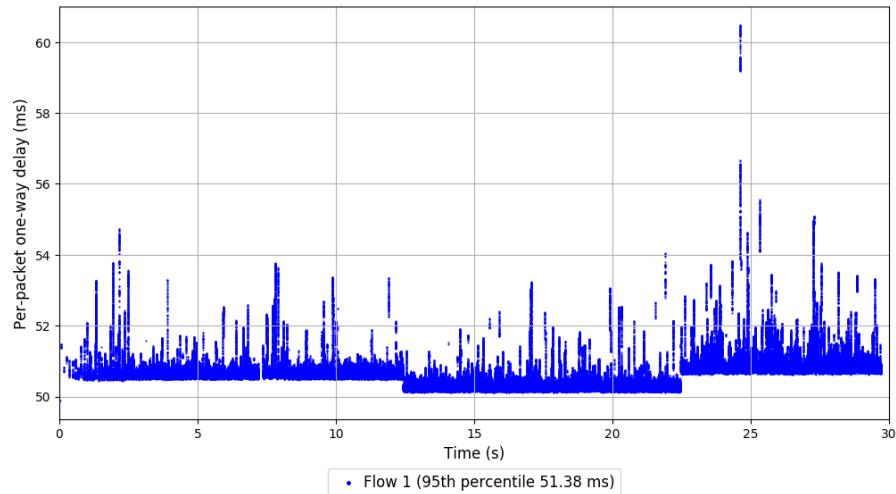
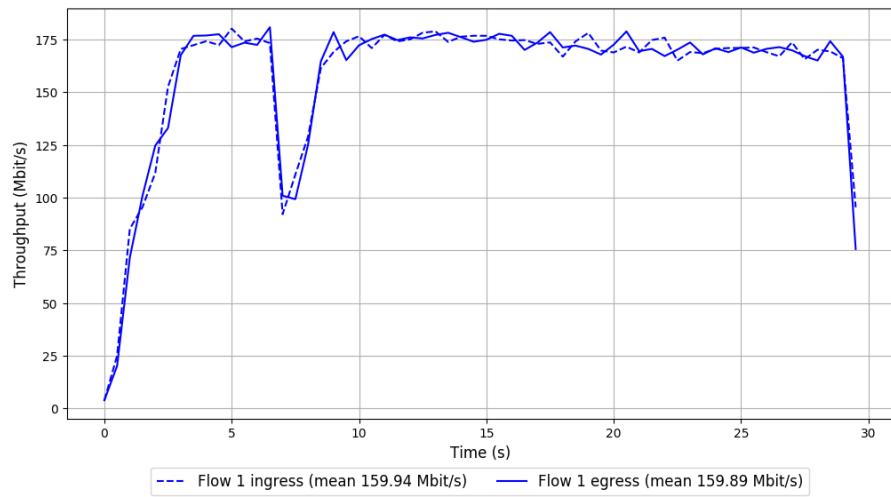
Run 8: Statistics of Indigo-delay

Start at: 2017-09-21 15:41:41

End at: 2017-09-21 15:42:11

```
# Below is generated by plot.py at 2017-09-21 18:50:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 159.89 Mbit/s
95th percentile per-packet one-way delay: 51.378 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 159.89 Mbit/s
95th percentile per-packet one-way delay: 51.378 ms
Loss rate: 0.36%
```

Run 8: Report of Indigo-delay — Data Link



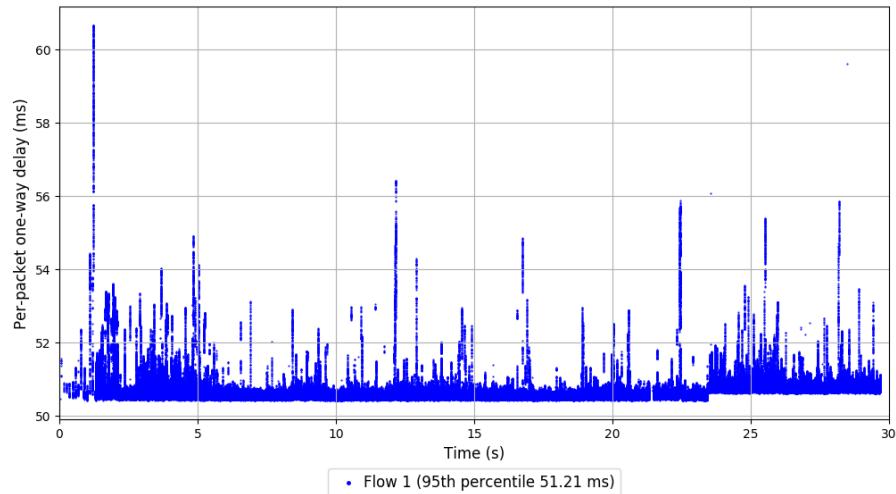
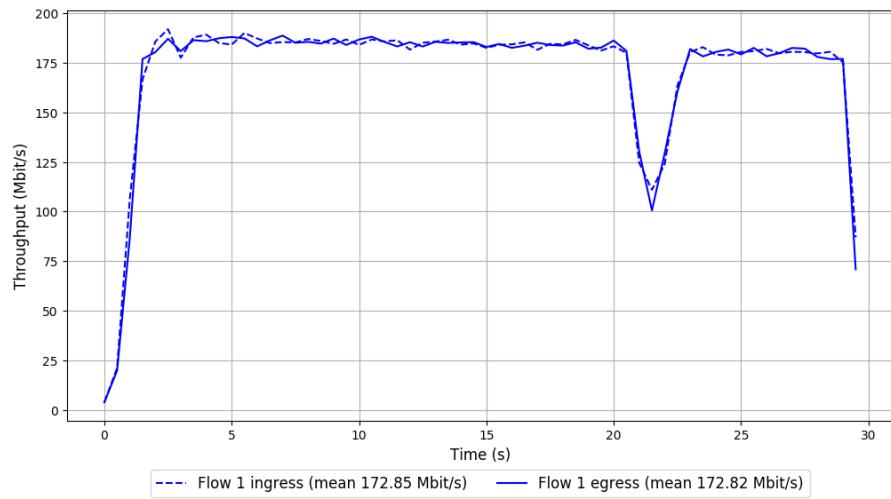
Run 9: Statistics of Indigo-delay

Start at: 2017-09-21 15:52:20

End at: 2017-09-21 15:52:50

```
# Below is generated by plot.py at 2017-09-21 18:51:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 172.82 Mbit/s
95th percentile per-packet one-way delay: 51.207 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 172.82 Mbit/s
95th percentile per-packet one-way delay: 51.207 ms
Loss rate: 0.36%
```

Run 9: Report of Indigo-delay — Data Link



Run 10: Statistics of Indigo-delay

Start at: 2017-09-21 16:03:08

End at: 2017-09-21 16:03:38

```
# Below is generated by plot.py at 2017-09-21 18:51:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 180.42 Mbit/s
95th percentile per-packet one-way delay: 50.854 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 180.42 Mbit/s
95th percentile per-packet one-way delay: 50.854 ms
Loss rate: 0.35%
```

Run 10: Report of Indigo-delay — Data Link

