

Pantheon Report

Generated at 2021-03-07 21:52:27 (UTC).

Data path: (*local*) → (*remote*).

Repeated the test of 12 congestion control schemes 3 times.

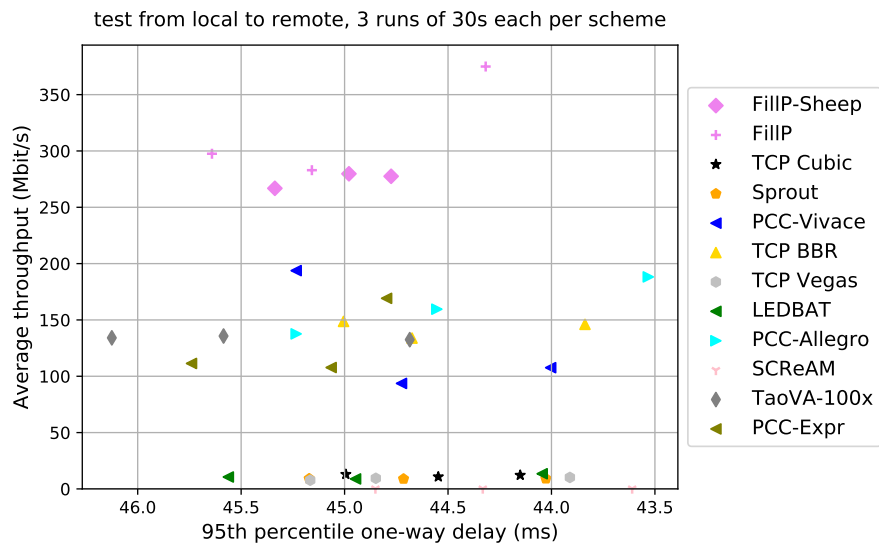
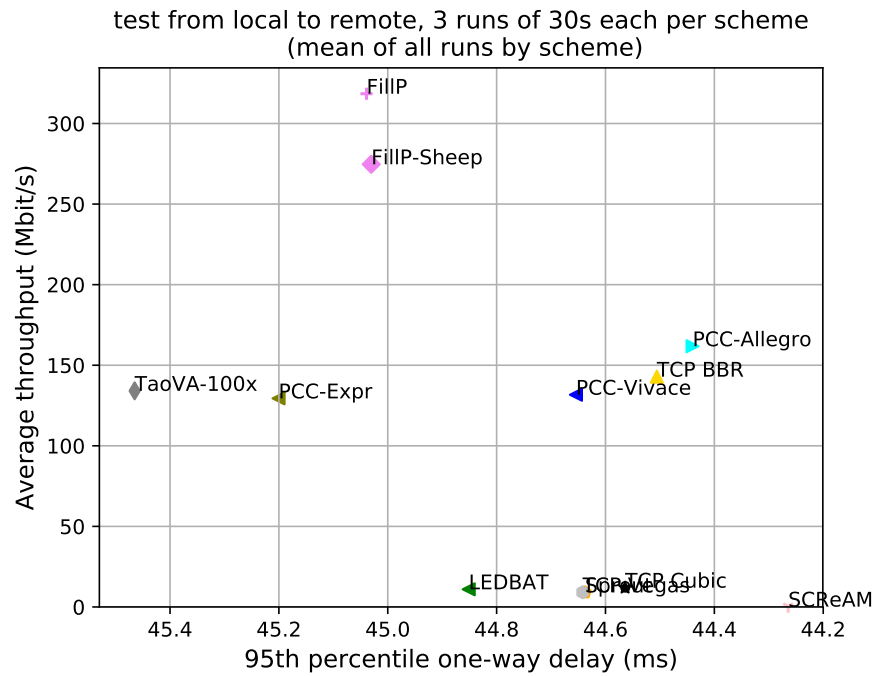
Each test lasted for 30 seconds running 1 flow.

System info:

```
Linux 5.4.0-1038-aws
net.core.default_qdisc = fq_codel
net.core.rmem_default = 212992
net.core.rmem_max = 212992
net.core.wmem_default = 212992
net.core.wmem_max = 212992
net.ipv4.tcp_rmem = 4096 131072 6291456
net.ipv4.tcp_wmem = 4096 16384 4194304
```

Git summary:

```
branch: master @ a0641eb6b033ecc17da7384c72d348e5ca96d0d1
third_party/fillp @ d6da1459332fcee56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf5e58e562f4
third_party/indigo @ 463d89b09699a57bfdfbae351646df6a60040b90
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ f866d3f58d27afd942717625ee3a354cc2e802bd
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/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
M src/ScreamClient
M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```



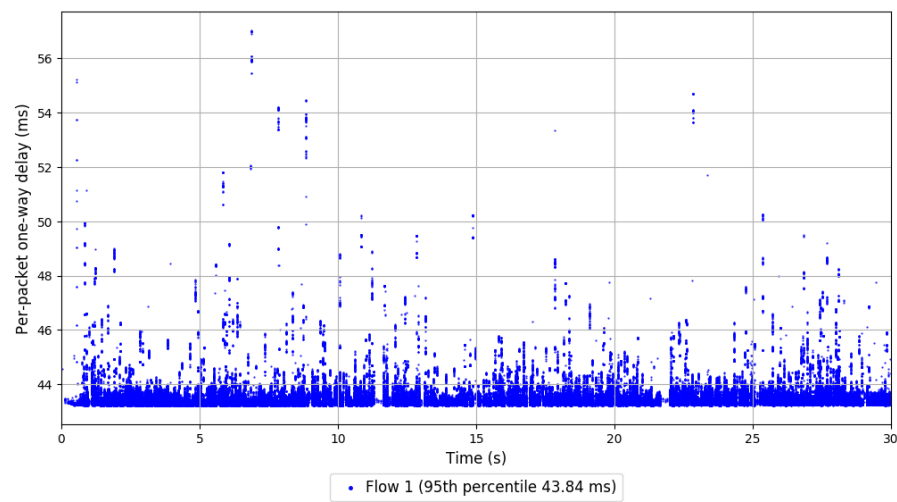
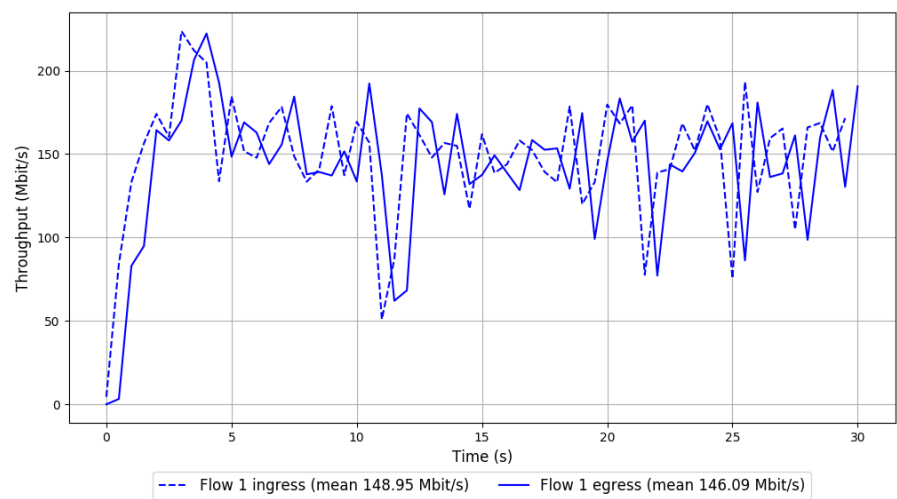
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	3	142.90	44.51	2.35
TCP Cubic	3	11.97	44.56	0.40
FillP	3	318.47	45.04	8.45
FillP-Sheep	3	274.70	45.03	7.21
LEDBAT	3	10.96	44.85	0.53
PCC-Allegro	3	161.79	44.44	1.92
PCC-Expr	3	129.44	45.20	2.85
SCReAM	3	0.22	44.26	0.00
Sprout	3	9.03	44.64	1.67
TaoVA-100x	3	134.11	45.47	7.03
TCP Vegas	3	9.11	44.64	0.33
PCC-Vivace	3	131.69	44.65	2.00

```
Run 1: Statistics of TCP BBR

Start at: 2021-03-07 21:20:20
End at: 2021-03-07 21:20:50

# Below is generated by plot.py at 2021-03-07 21:44:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 146.09 Mbit/s
95th percentile per-packet one-way delay: 43.838 ms
Loss rate: 1.92%
-- Flow 1:
Average throughput: 146.09 Mbit/s
95th percentile per-packet one-way delay: 43.838 ms
Loss rate: 1.92%
```

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2021-03-07 21:29:25

End at: 2021-03-07 21:29:55

Below is generated by plot.py at 2021-03-07 21:44:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 133.91 Mbit/s

95th percentile per-packet one-way delay: 44.674 ms

Loss rate: 3.01%

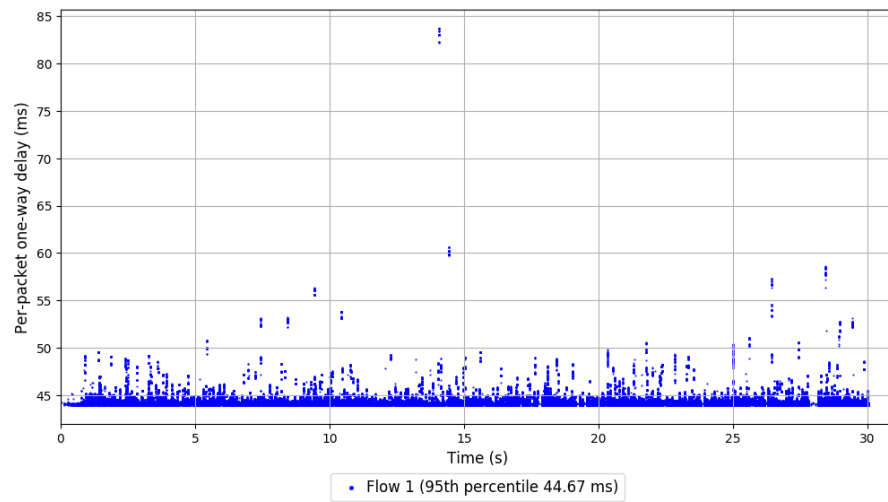
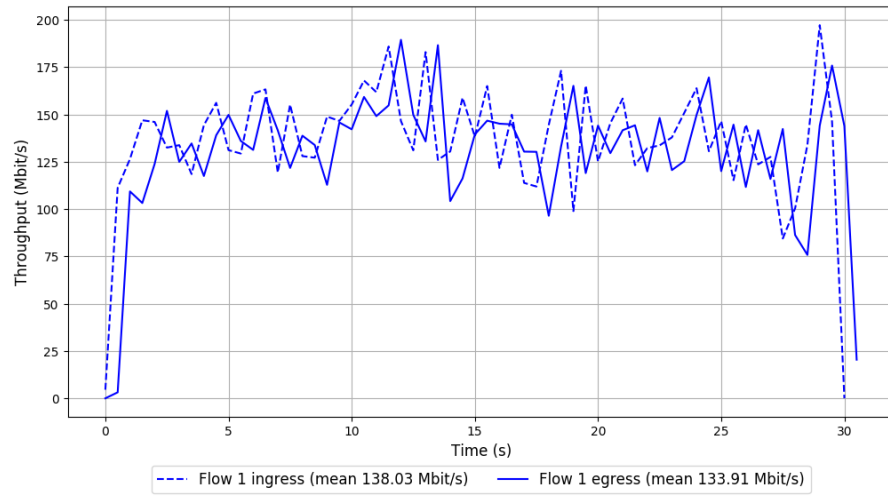
-- Flow 1:

Average throughput: 133.91 Mbit/s

95th percentile per-packet one-way delay: 44.674 ms

Loss rate: 3.01%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2021-03-07 21:38:28

End at: 2021-03-07 21:38:58

Below is generated by plot.py at 2021-03-07 21:44:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 148.70 Mbit/s

95th percentile per-packet one-way delay: 45.005 ms

Loss rate: 2.11%

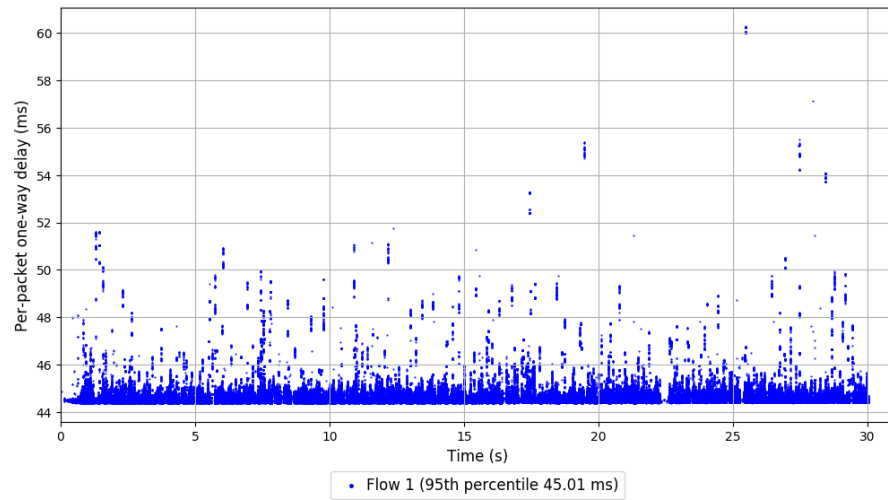
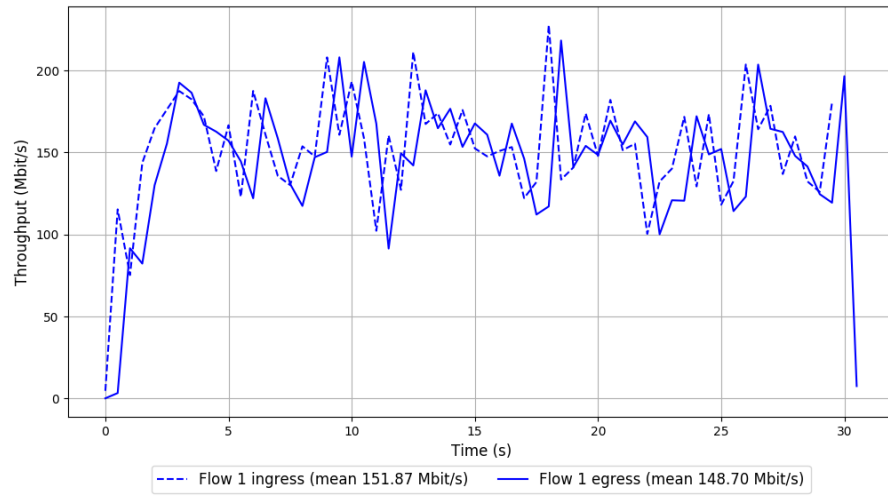
-- Flow 1:

Average throughput: 148.70 Mbit/s

95th percentile per-packet one-way delay: 45.005 ms

Loss rate: 2.11%

Run 3: Report of TCP BBR — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2021-03-07 21:18:11

End at: 2021-03-07 21:18:41

Below is generated by plot.py at 2021-03-07 21:44:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.18 Mbit/s

95th percentile per-packet one-way delay: 44.151 ms

Loss rate: 0.25%

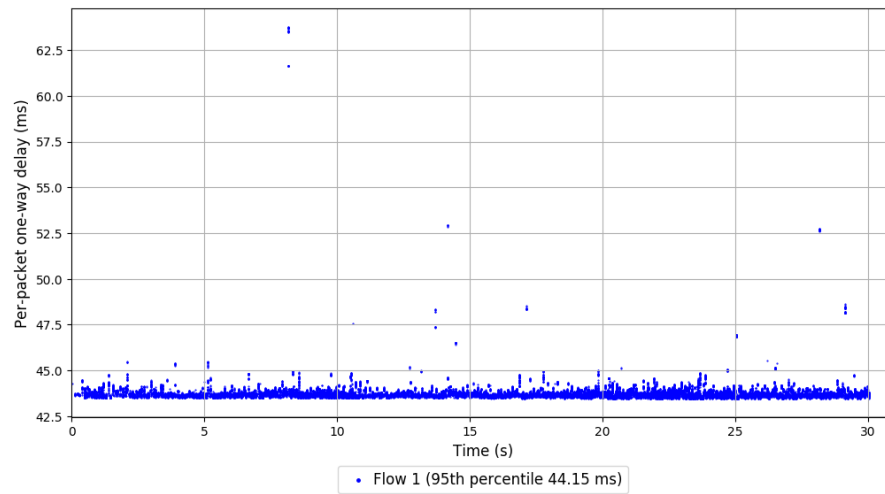
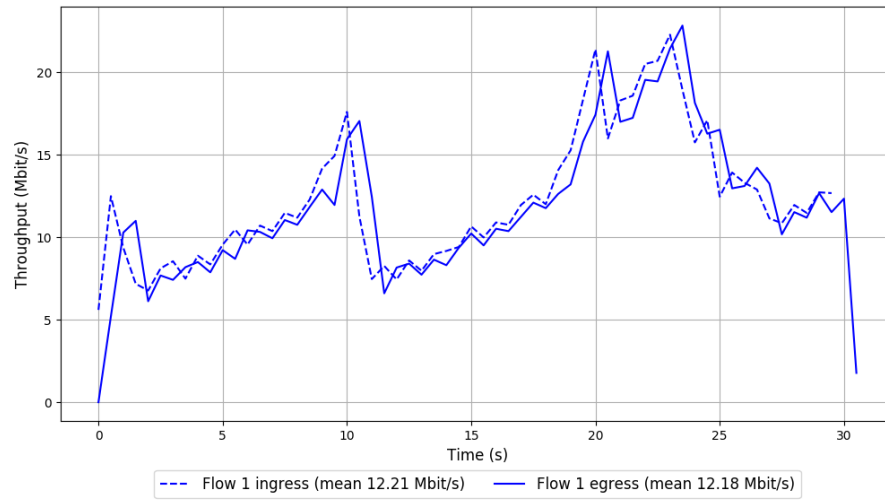
-- Flow 1:

Average throughput: 12.18 Mbit/s

95th percentile per-packet one-way delay: 44.151 ms

Loss rate: 0.25%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2021-03-07 21:27:19

End at: 2021-03-07 21:27:49

Below is generated by plot.py at 2021-03-07 21:44:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.77 Mbit/s

95th percentile per-packet one-way delay: 44.547 ms

Loss rate: 0.63%

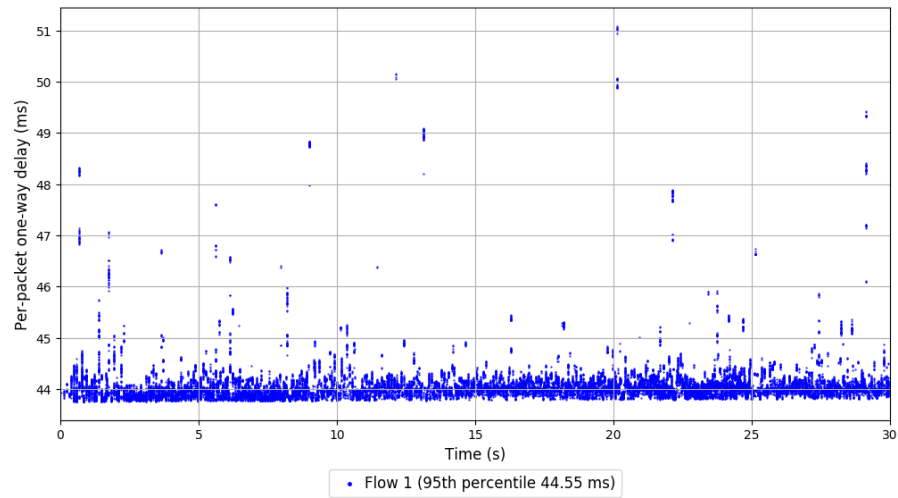
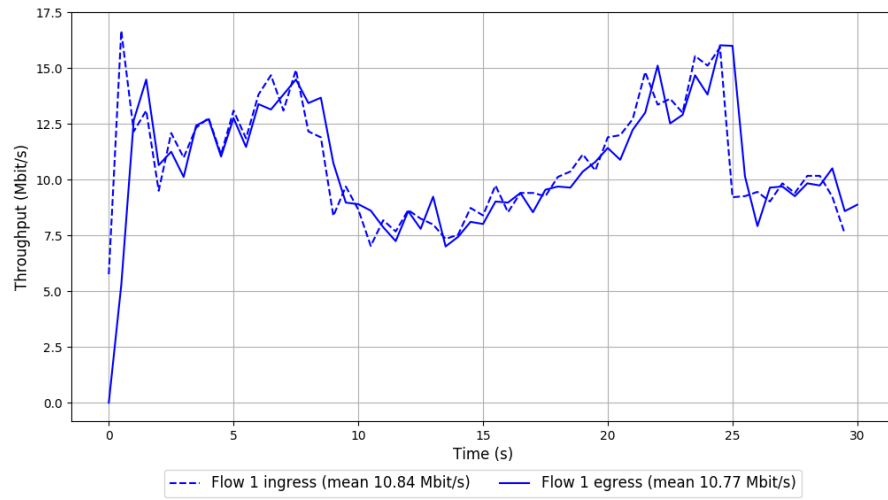
-- Flow 1:

Average throughput: 10.77 Mbit/s

95th percentile per-packet one-way delay: 44.547 ms

Loss rate: 0.63%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2021-03-07 21:36:17

End at: 2021-03-07 21:36:47

Below is generated by plot.py at 2021-03-07 21:44:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.95 Mbit/s

95th percentile per-packet one-way delay: 44.994 ms

Loss rate: 0.33%

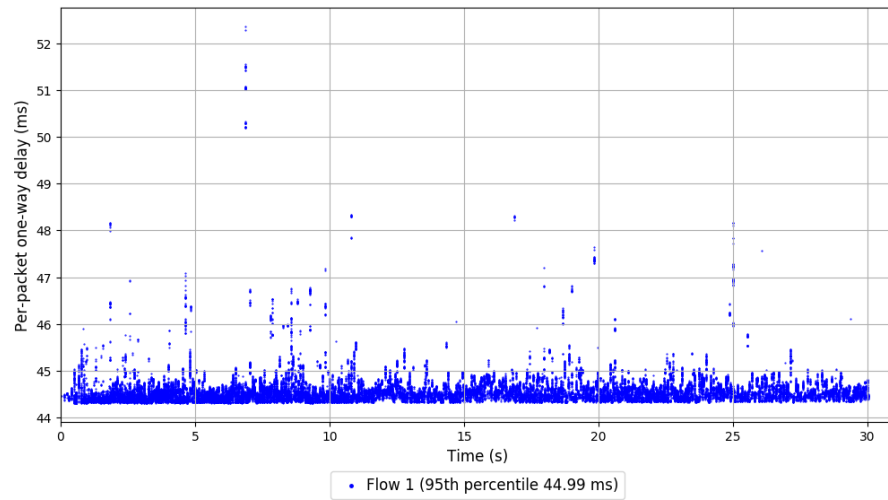
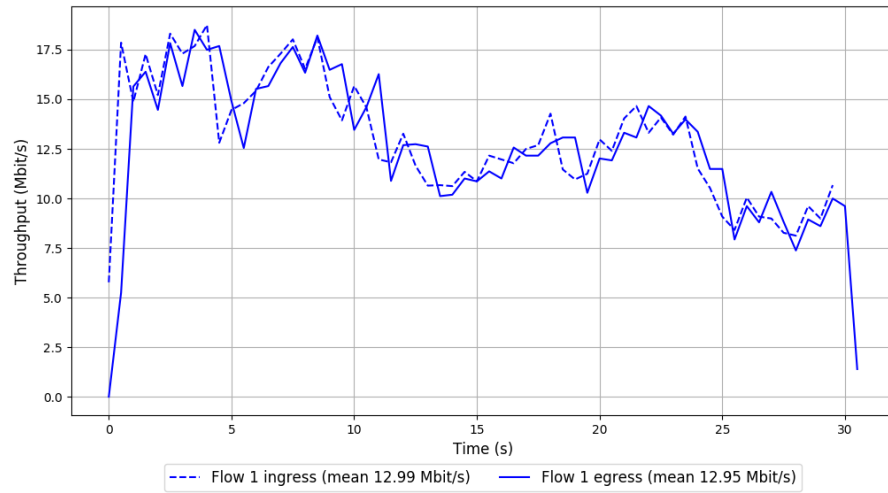
-- Flow 1:

Average throughput: 12.95 Mbit/s

95th percentile per-packet one-way delay: 44.994 ms

Loss rate: 0.33%

Run 3: Report of TCP Cubic — Data Link



Run 1: Statistics of FillP

Start at: 2021-03-07 21:17:20

End at: 2021-03-07 21:17:50

Below is generated by plot.py at 2021-03-07 21:45:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 282.93 Mbit/s

95th percentile per-packet one-way delay: 45.158 ms

Loss rate: 12.64%

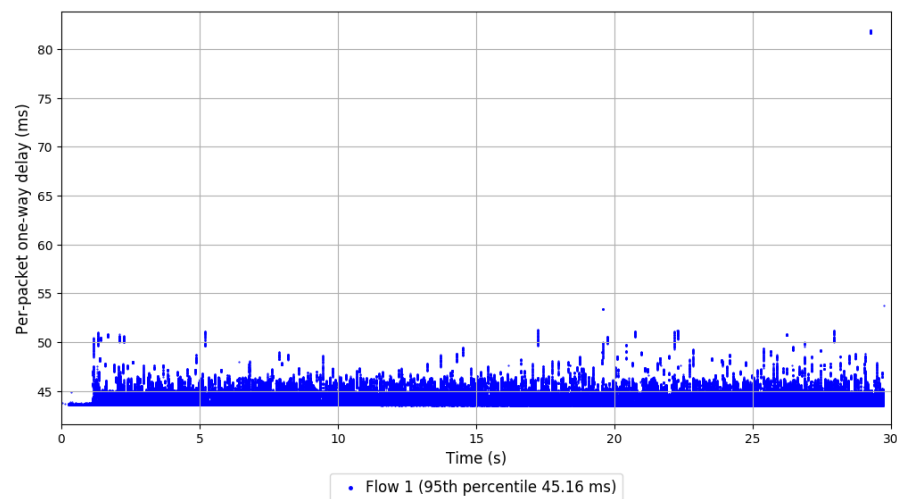
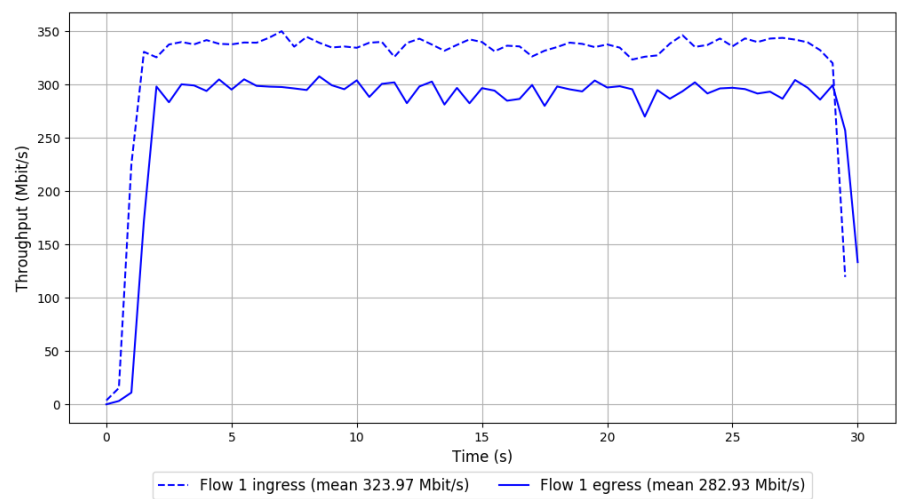
-- Flow 1:

Average throughput: 282.93 Mbit/s

95th percentile per-packet one-way delay: 45.158 ms

Loss rate: 12.64%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2021-03-07 21:26:25

End at: 2021-03-07 21:26:55

Below is generated by plot.py at 2021-03-07 21:45:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 374.95 Mbit/s

95th percentile per-packet one-way delay: 44.318 ms

Loss rate: 2.64%

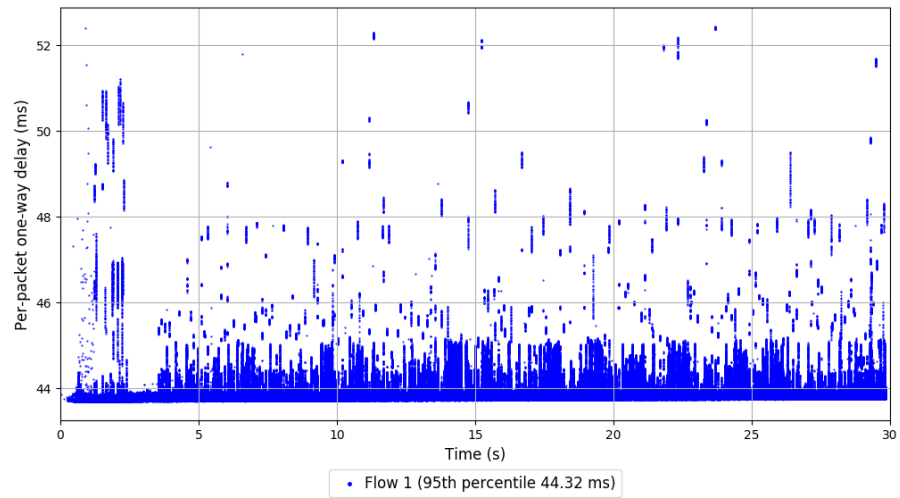
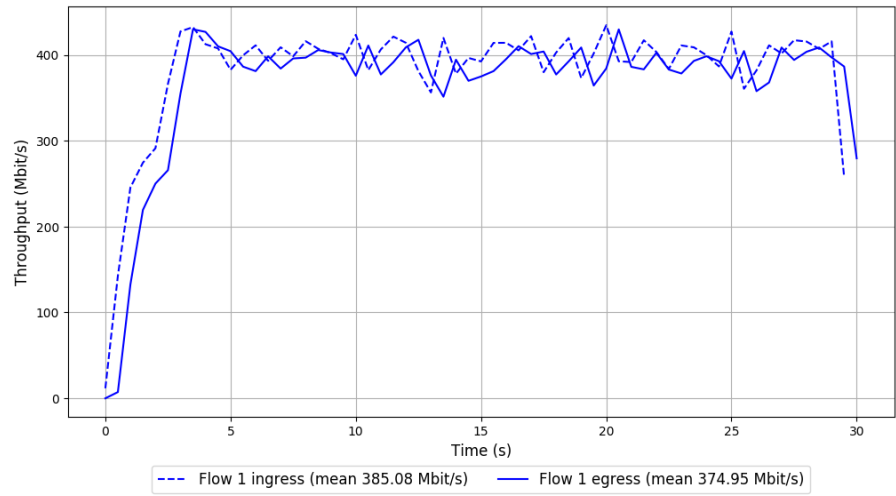
-- Flow 1:

Average throughput: 374.95 Mbit/s

95th percentile per-packet one-way delay: 44.318 ms

Loss rate: 2.64%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2021-03-07 21:35:24

End at: 2021-03-07 21:35:54

Below is generated by plot.py at 2021-03-07 21:46:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 297.53 Mbit/s

95th percentile per-packet one-way delay: 45.641 ms

Loss rate: 10.06%

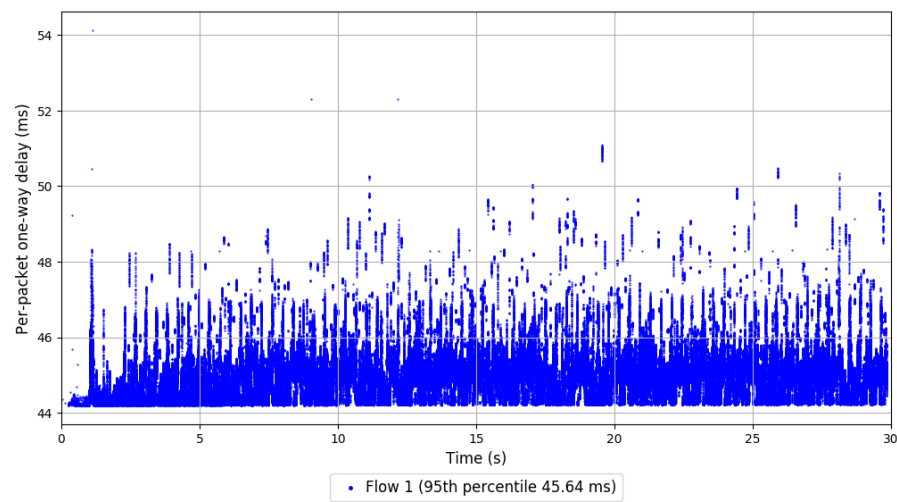
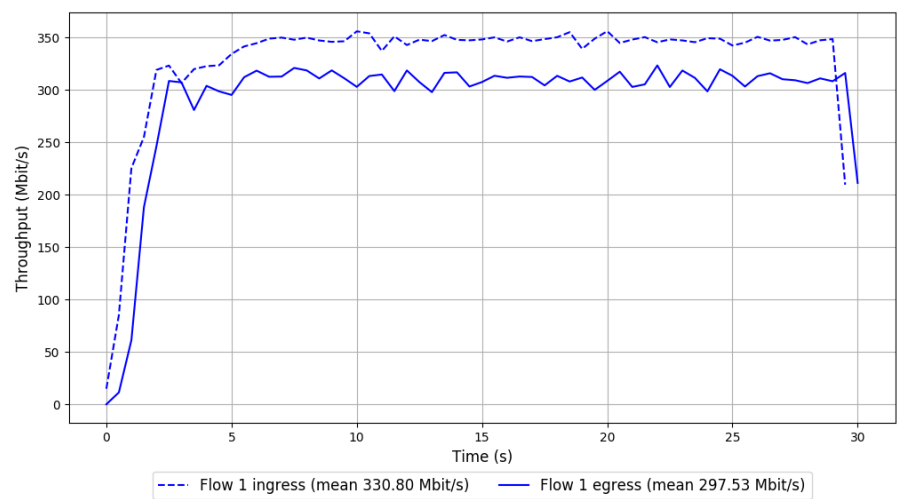
-- Flow 1:

Average throughput: 297.53 Mbit/s

95th percentile per-packet one-way delay: 45.641 ms

Loss rate: 10.06%

Run 3: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2021-03-07 21:16:30

End at: 2021-03-07 21:17:00

Below is generated by plot.py at 2021-03-07 21:47:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 279.75 Mbit/s

95th percentile per-packet one-way delay: 44.979 ms

Loss rate: 8.02%

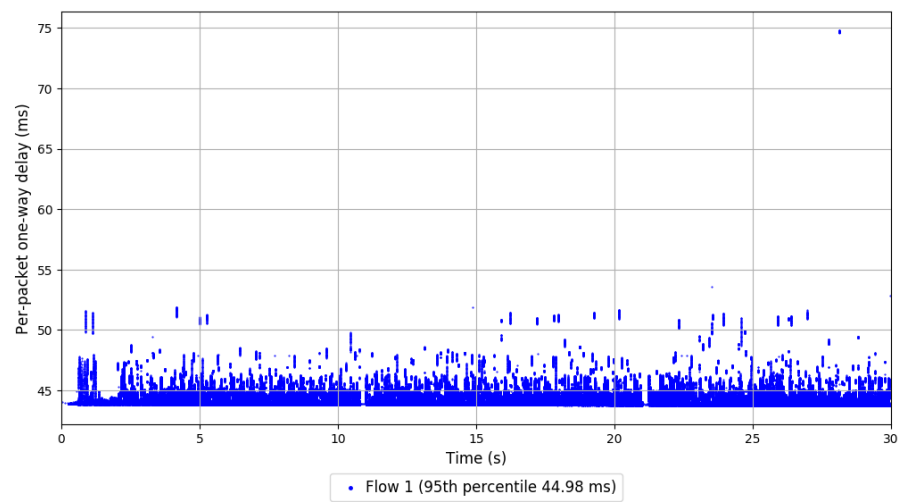
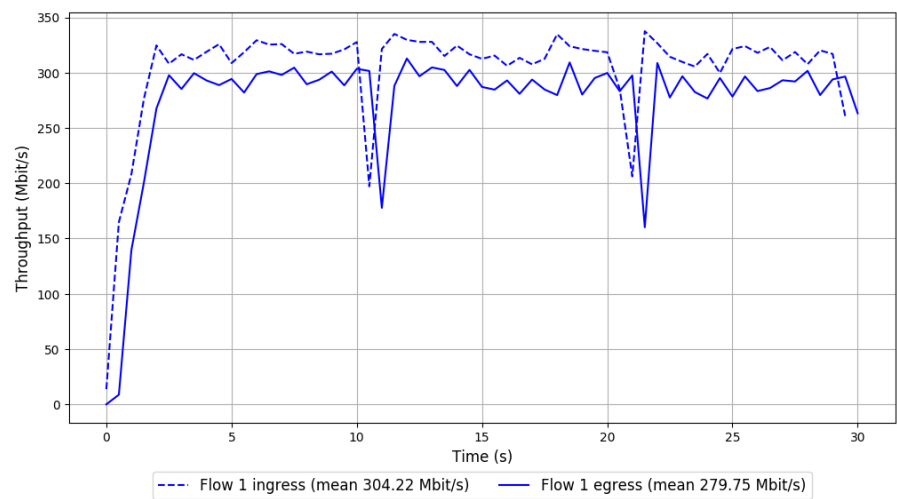
-- Flow 1:

Average throughput: 279.75 Mbit/s

95th percentile per-packet one-way delay: 44.979 ms

Loss rate: 8.02%

Run 1: Report of FillP-Sheep — Data Link



Run 2: Statistics of FillP-Sheep

Start at: 2021-03-07 21:25:35

End at: 2021-03-07 21:26:05

Below is generated by plot.py at 2021-03-07 21:47:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 277.52 Mbit/s

95th percentile per-packet one-way delay: 44.775 ms

Loss rate: 6.89%

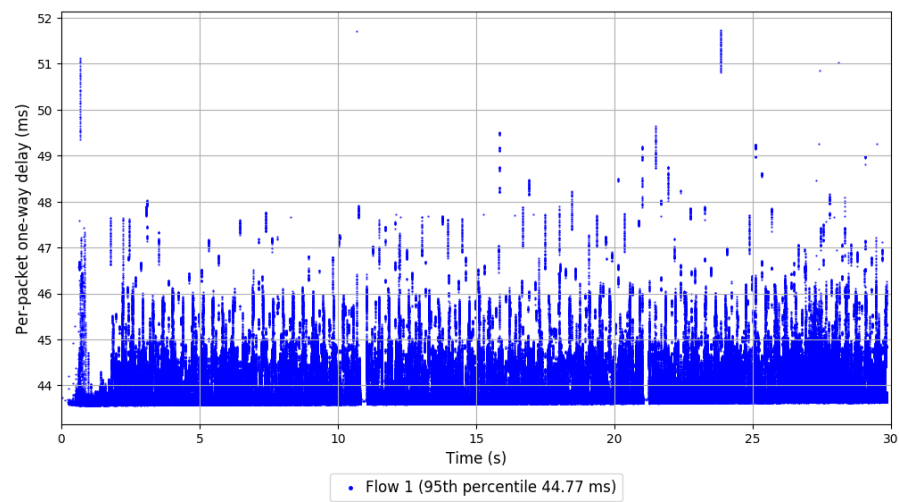
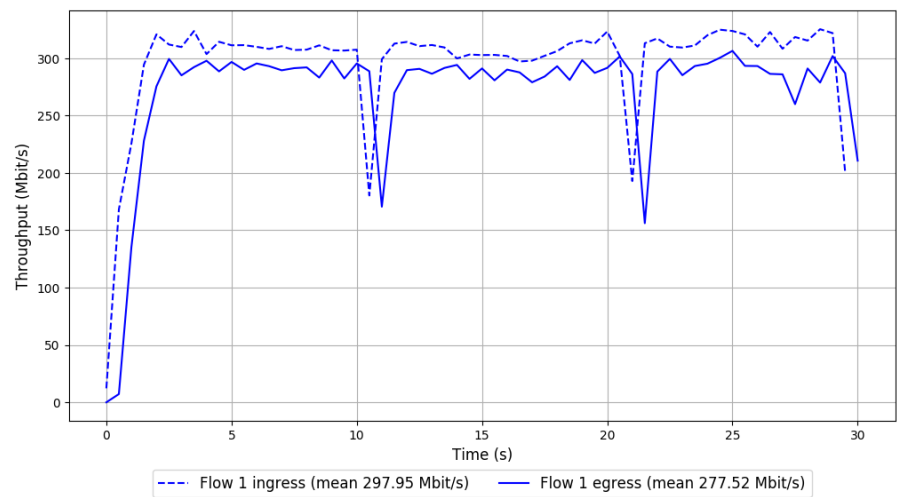
-- Flow 1:

Average throughput: 277.52 Mbit/s

95th percentile per-packet one-way delay: 44.775 ms

Loss rate: 6.89%

Run 2: Report of FillP-Sheep — Data Link



Run 3: Statistics of FillP-Sheep

Start at: 2021-03-07 21:34:35

End at: 2021-03-07 21:35:05

Below is generated by plot.py at 2021-03-07 21:48:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 266.84 Mbit/s

95th percentile per-packet one-way delay: 45.337 ms

Loss rate: 6.73%

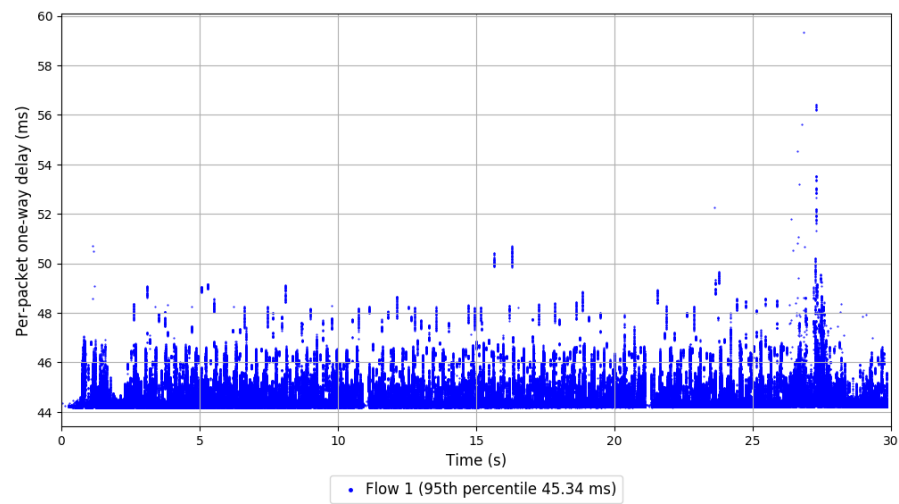
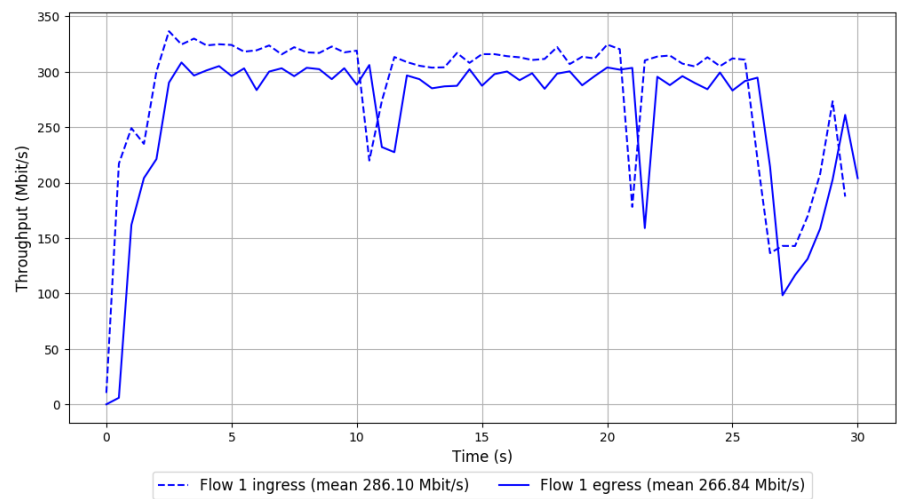
-- Flow 1:

Average throughput: 266.84 Mbit/s

95th percentile per-packet one-way delay: 45.337 ms

Loss rate: 6.73%

Run 3: Report of FillP-Sheep — Data Link

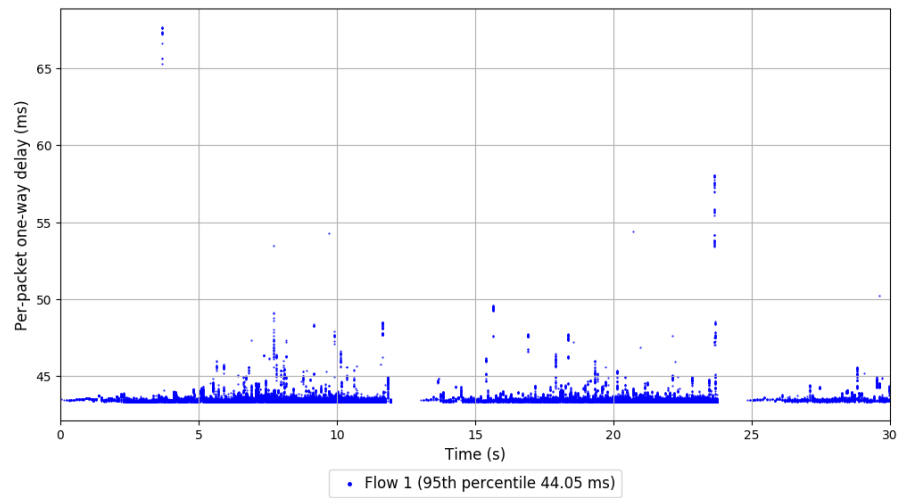
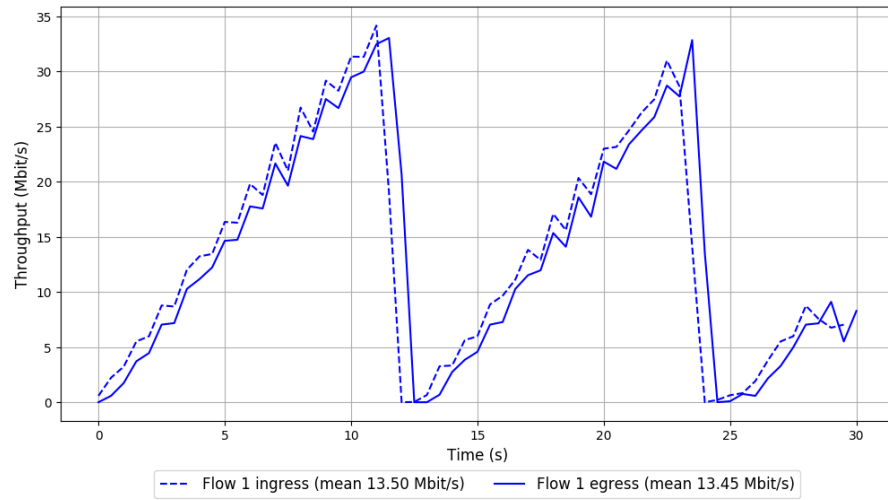


```
Run 1: Statistics of LEDBAT

Start at: 2021-03-07 21:21:46
End at: 2021-03-07 21:22:16

# Below is generated by plot.py at 2021-03-07 21:48:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.45 Mbit/s
95th percentile per-packet one-way delay: 44.045 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 13.45 Mbit/s
95th percentile per-packet one-way delay: 44.045 ms
Loss rate: 0.35%
```

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2021-03-07 21:30:52

End at: 2021-03-07 21:31:22

Below is generated by plot.py at 2021-03-07 21:48:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.86 Mbit/s

95th percentile per-packet one-way delay: 44.947 ms

Loss rate: 0.80%

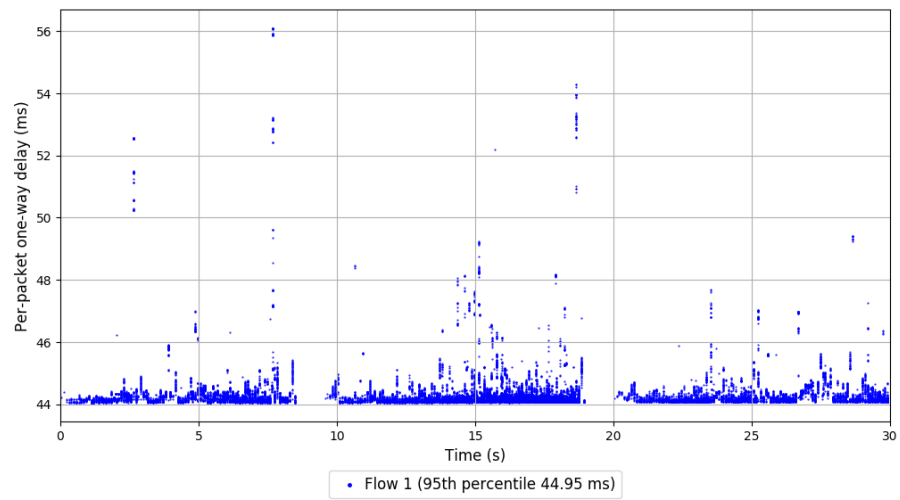
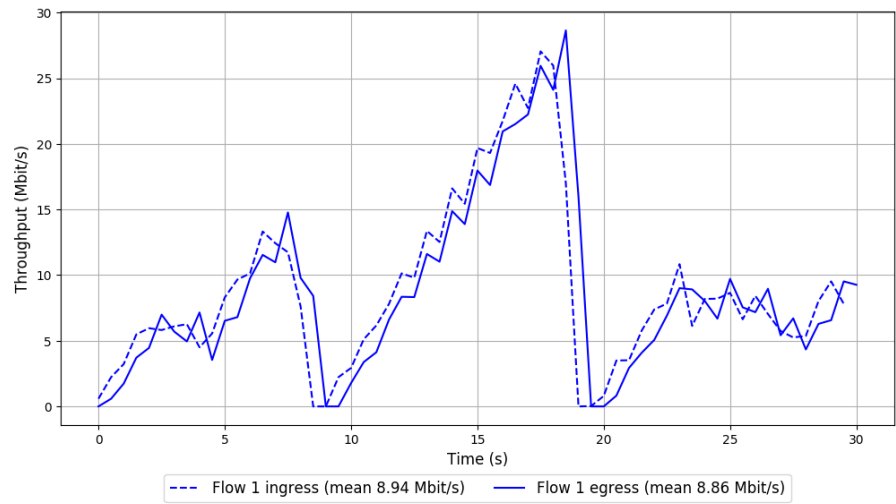
-- Flow 1:

Average throughput: 8.86 Mbit/s

95th percentile per-packet one-way delay: 44.947 ms

Loss rate: 0.80%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2021-03-07 21:39:55

End at: 2021-03-07 21:40:25

Below is generated by plot.py at 2021-03-07 21:48:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.57 Mbit/s

95th percentile per-packet one-way delay: 45.562 ms

Loss rate: 0.44%

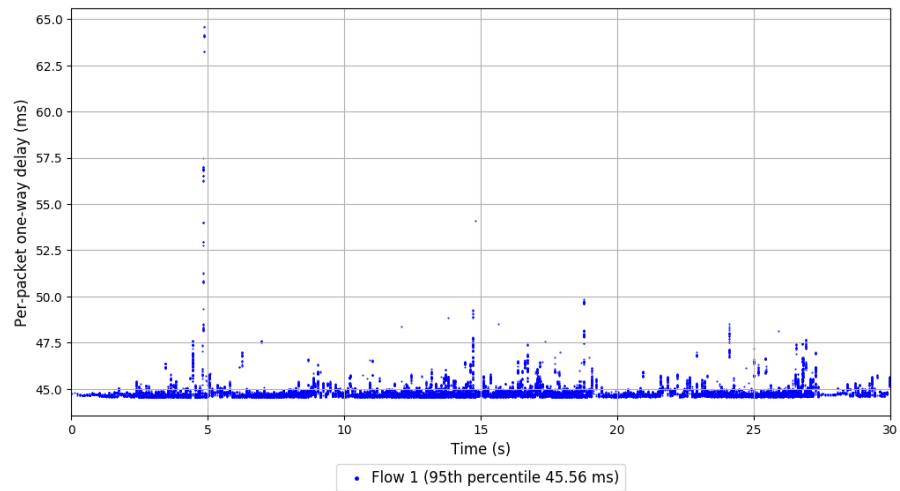
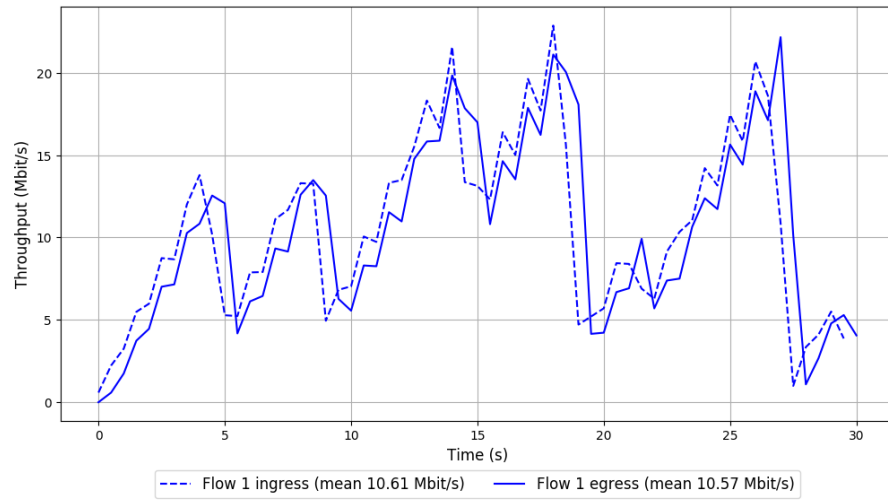
-- Flow 1:

Average throughput: 10.57 Mbit/s

95th percentile per-packet one-way delay: 45.562 ms

Loss rate: 0.44%

Run 3: Report of LEDBAT — Data Link

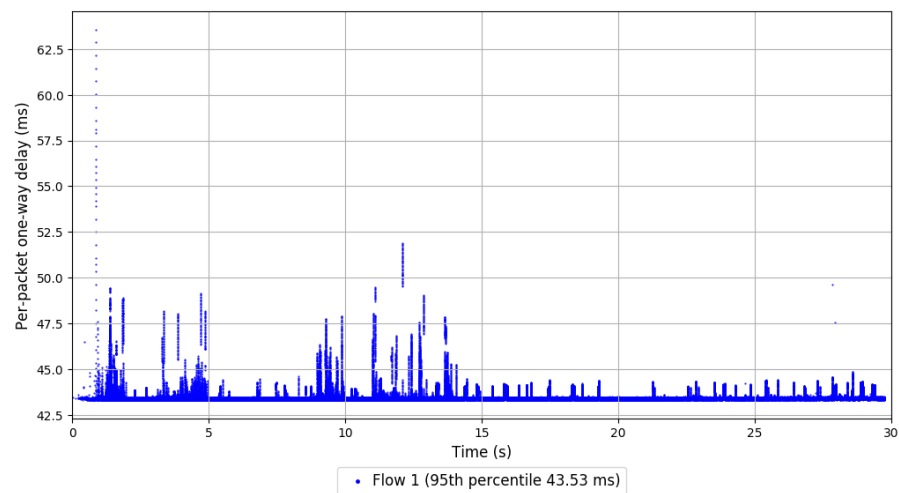
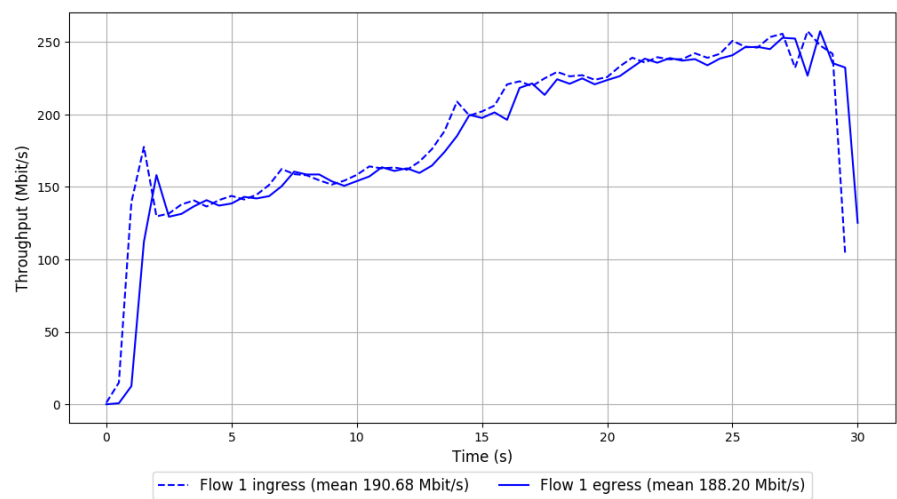


```
Run 1: Statistics of PCC-Allegro

Start at: 2021-03-07 21:22:26
End at: 2021-03-07 21:22:56

# Below is generated by plot.py at 2021-03-07 21:48:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 188.20 Mbit/s
95th percentile per-packet one-way delay: 43.532 ms
Loss rate: 1.30%
-- Flow 1:
Average throughput: 188.20 Mbit/s
95th percentile per-packet one-way delay: 43.532 ms
Loss rate: 1.30%
```

Run 1: Report of PCC-Allegro — Data Link

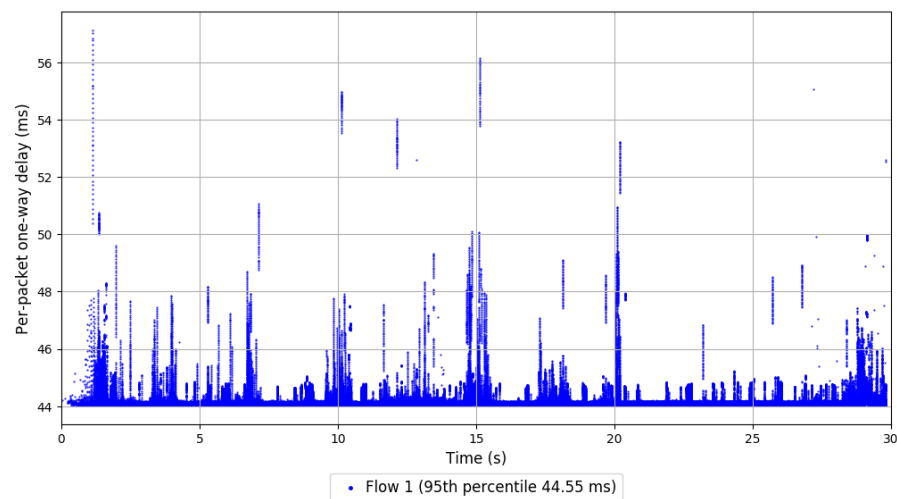
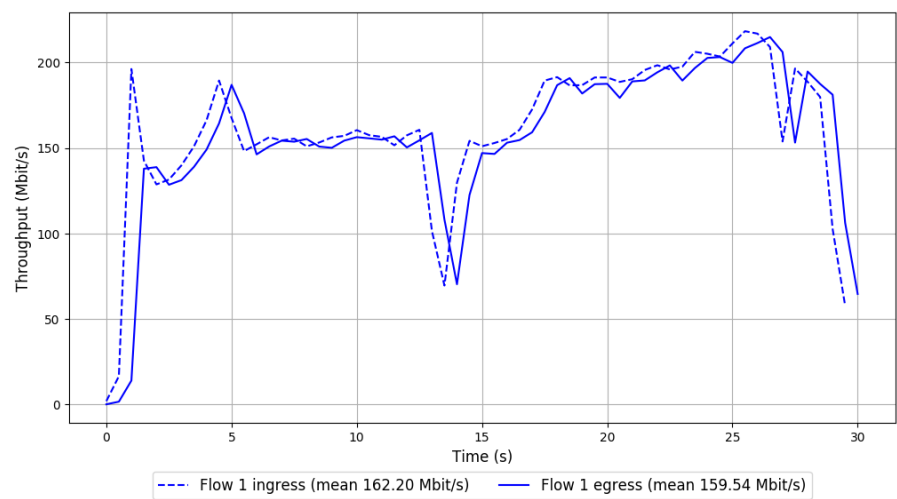


```
Run 2: Statistics of PCC-Allegro

Start at: 2021-03-07 21:31:32
End at: 2021-03-07 21:32:02

# Below is generated by plot.py at 2021-03-07 21:48:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 159.54 Mbit/s
95th percentile per-packet one-way delay: 44.554 ms
Loss rate: 1.63%
-- Flow 1:
Average throughput: 159.54 Mbit/s
95th percentile per-packet one-way delay: 44.554 ms
Loss rate: 1.63%
```

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2021-03-07 21:40:35

End at: 2021-03-07 21:41:05

Below is generated by plot.py at 2021-03-07 21:49:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 137.62 Mbit/s

95th percentile per-packet one-way delay: 45.234 ms

Loss rate: 2.82%

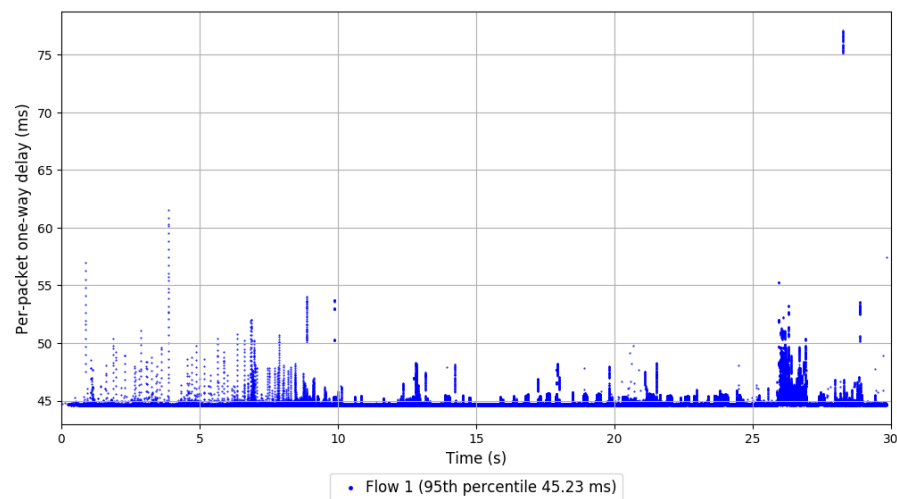
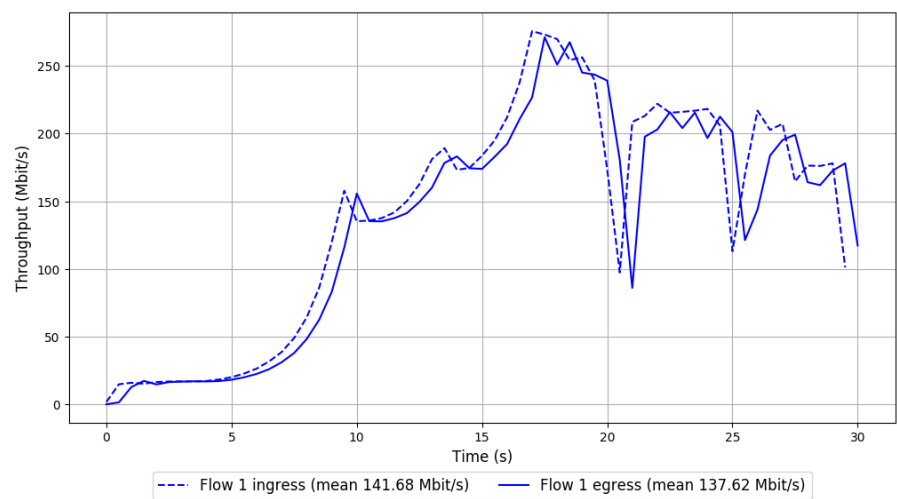
-- Flow 1:

Average throughput: 137.62 Mbit/s

95th percentile per-packet one-way delay: 45.234 ms

Loss rate: 2.82%

Run 3: Report of PCC-Allegro — Data Link

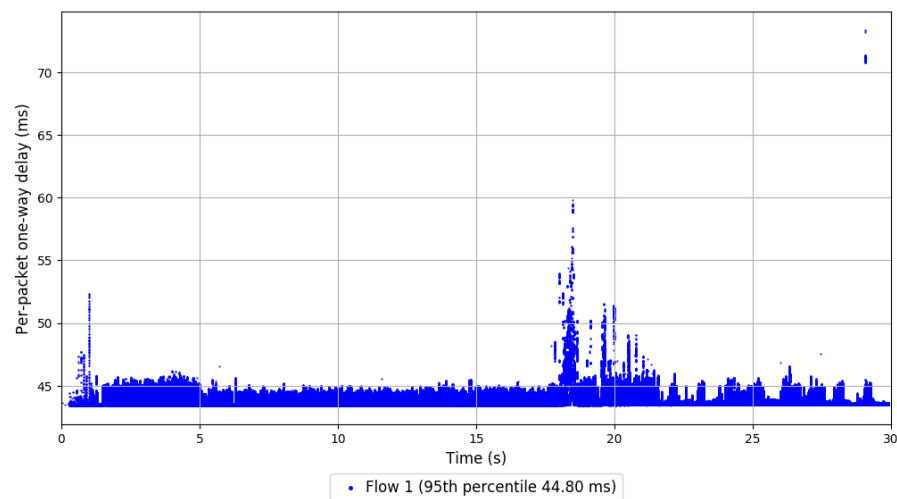
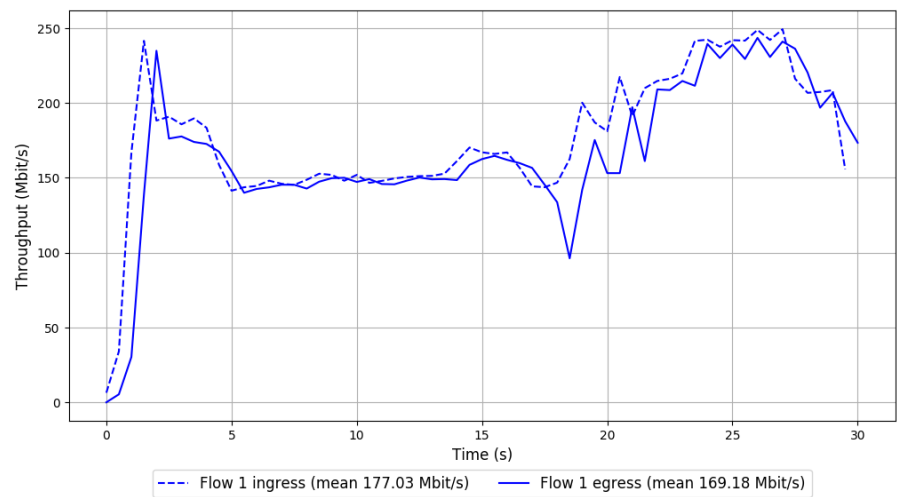


```
Run 1: Statistics of PCC-Expr

Start at: 2021-03-07 21:24:42
End at: 2021-03-07 21:25:12

# Below is generated by plot.py at 2021-03-07 21:50:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 169.18 Mbit/s
95th percentile per-packet one-way delay: 44.797 ms
Loss rate: 4.43%
-- Flow 1:
Average throughput: 169.18 Mbit/s
95th percentile per-packet one-way delay: 44.797 ms
Loss rate: 4.43%
```


Run 1: Report of PCC-Expr — Data Link

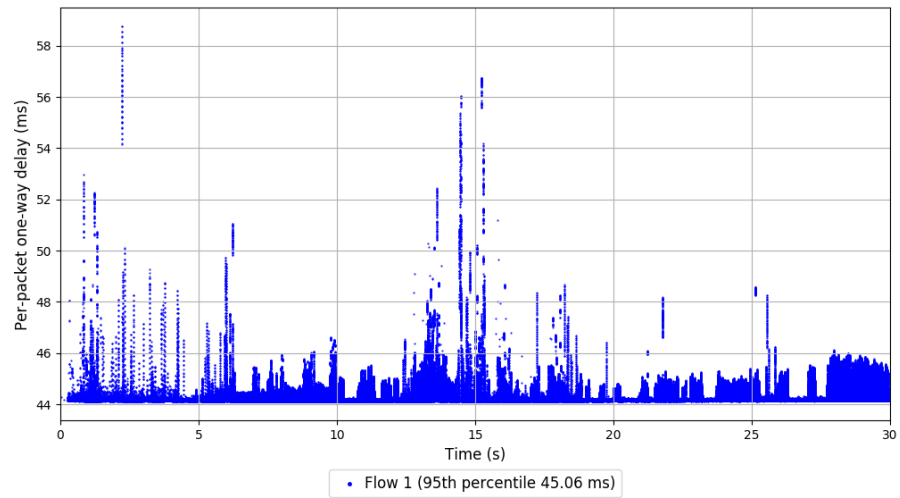
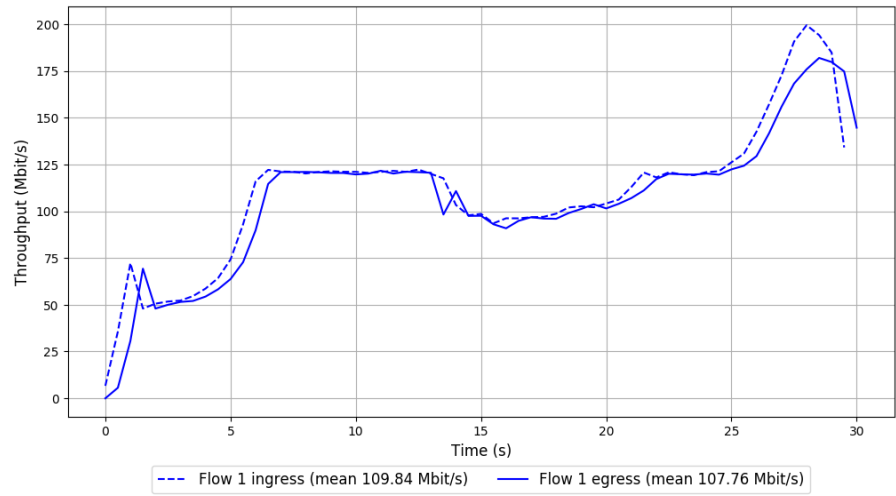


```
Run 2: Statistics of PCC-Expr

Start at: 2021-03-07 21:33:47
End at: 2021-03-07 21:34:17

# Below is generated by plot.py at 2021-03-07 21:50:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 107.76 Mbit/s
95th percentile per-packet one-way delay: 45.065 ms
Loss rate: 1.96%
-- Flow 1:
Average throughput: 107.76 Mbit/s
95th percentile per-packet one-way delay: 45.065 ms
Loss rate: 1.96%
```

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

Start at: 2021-03-07 21:42:50

End at: 2021-03-07 21:43:20

Below is generated by plot.py at 2021-03-07 21:50:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 111.37 Mbit/s

95th percentile per-packet one-way delay: 45.740 ms

Loss rate: 2.17%

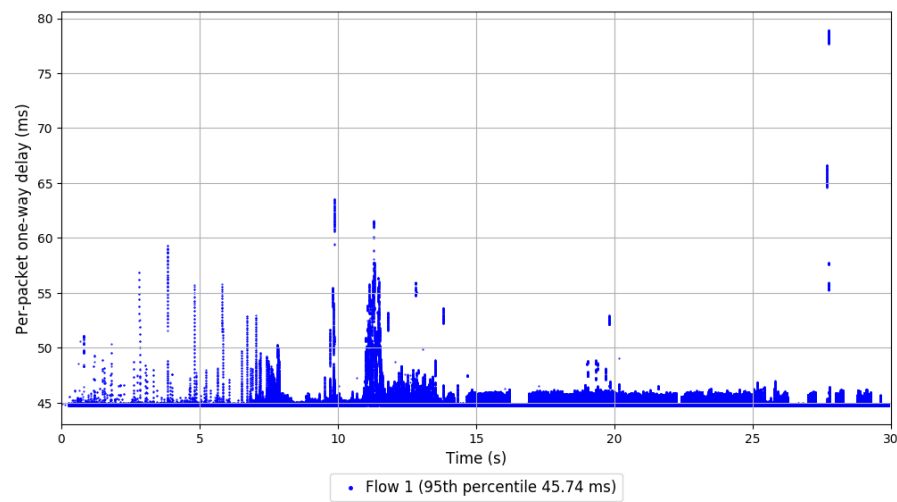
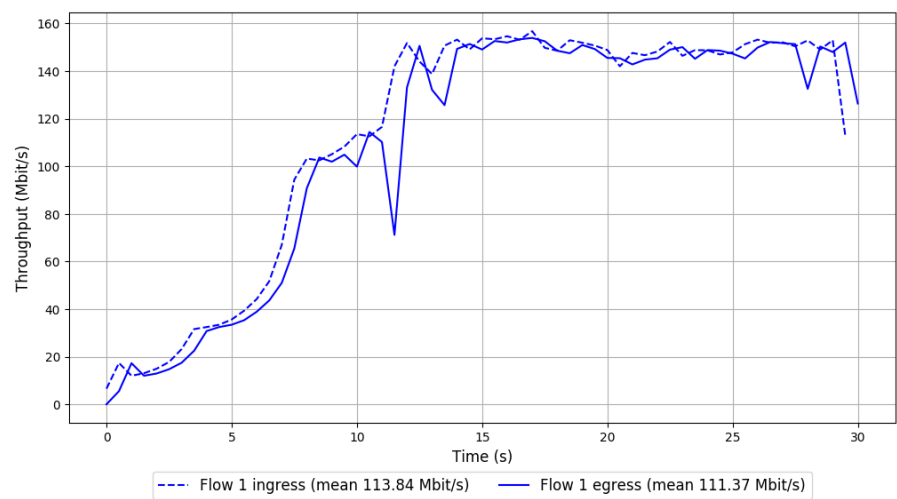
-- Flow 1:

Average throughput: 111.37 Mbit/s

95th percentile per-packet one-way delay: 45.740 ms

Loss rate: 2.17%

Run 3: Report of PCC-Expr — Data Link

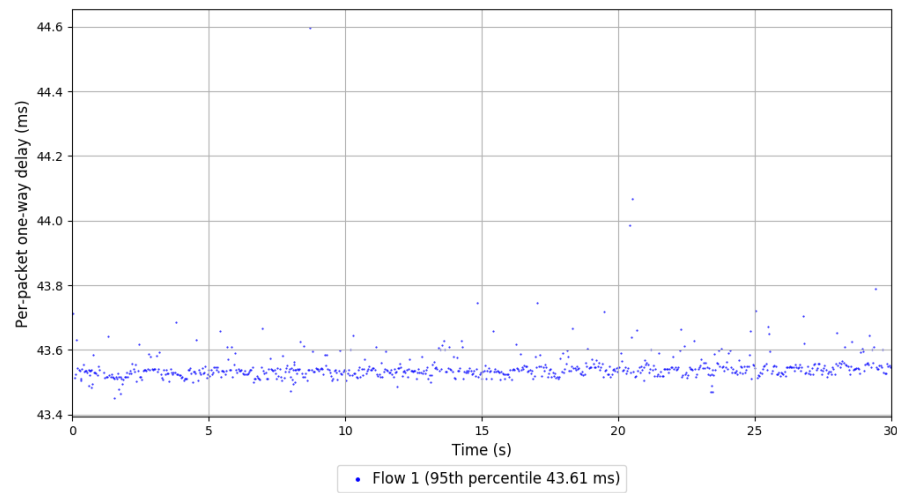
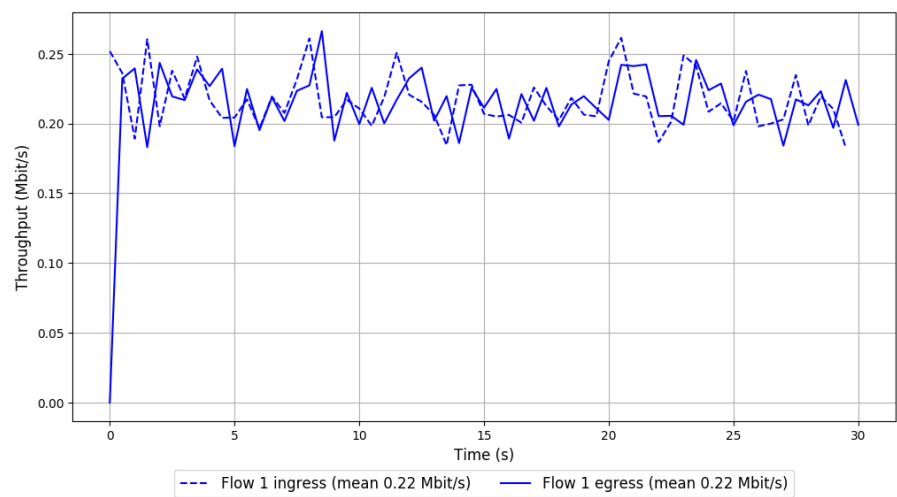


```
Run 1: Statistics of SCReAM

Start at: 2021-03-07 21:23:12
End at: 2021-03-07 21:23:42

# Below is generated by plot.py at 2021-03-07 21:50:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 43.610 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 43.610 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2021-03-07 21:32:17

End at: 2021-03-07 21:32:47

Below is generated by plot.py at 2021-03-07 21:50:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 44.332 ms

Loss rate: 0.00%

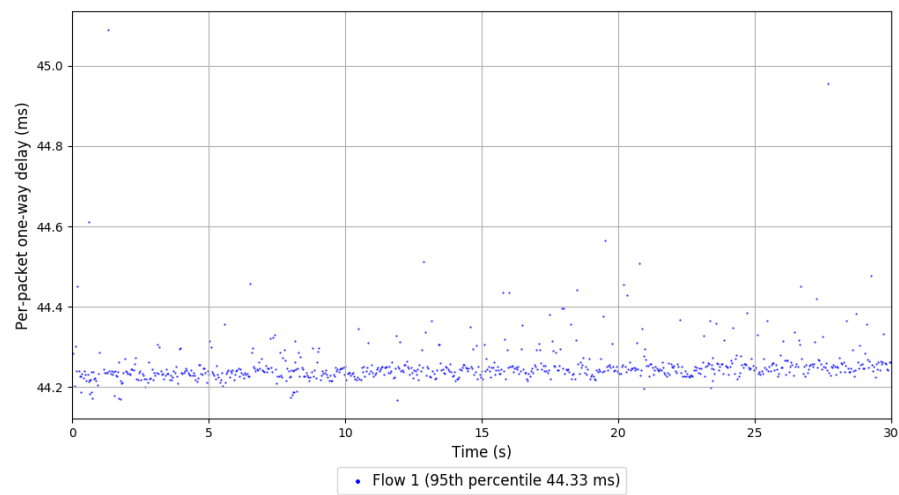
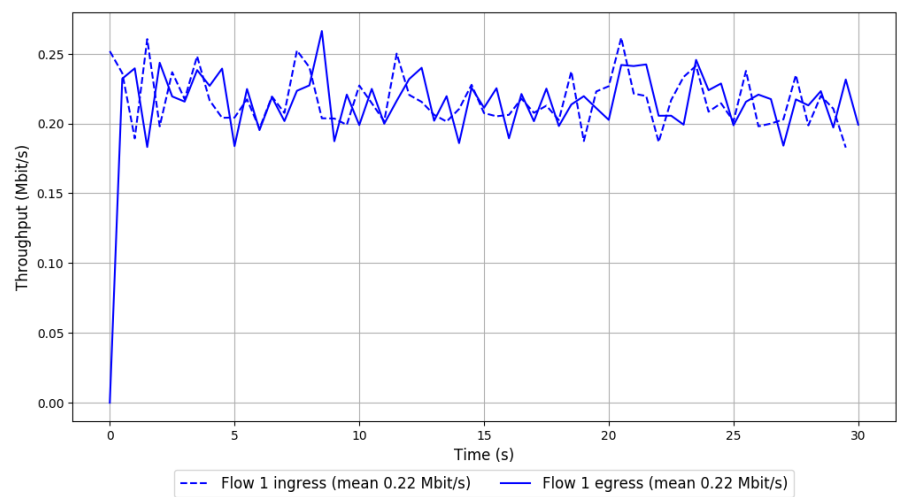
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 44.332 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2021-03-07 21:41:20

End at: 2021-03-07 21:41:50

Below is generated by plot.py at 2021-03-07 21:50:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 44.851 ms

Loss rate: 0.00%

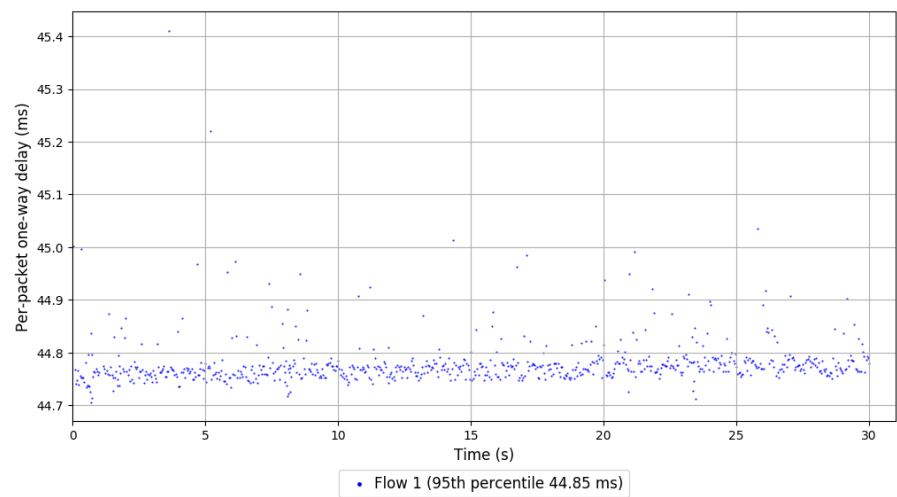
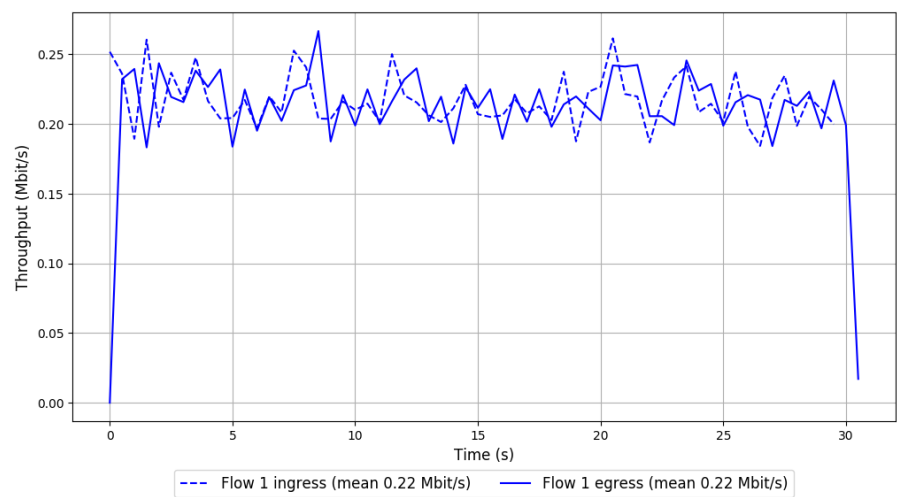
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 44.851 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2021-03-07 21:18:52

End at: 2021-03-07 21:19:22

Below is generated by plot.py at 2021-03-07 21:50:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.11 Mbit/s

95th percentile per-packet one-way delay: 44.027 ms

Loss rate: 1.46%

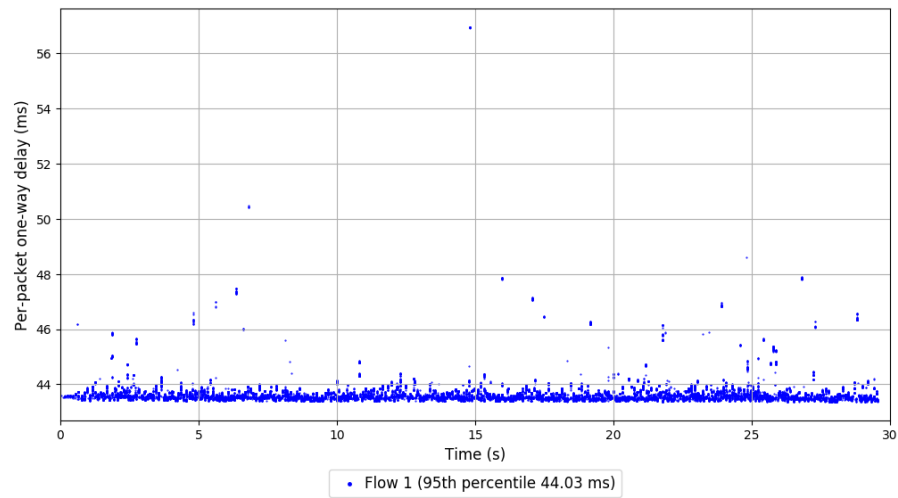
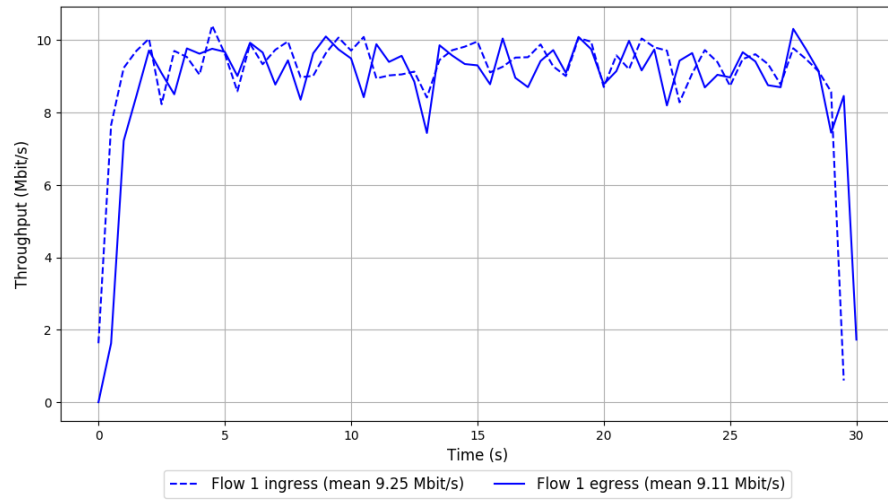
-- Flow 1:

Average throughput: 9.11 Mbit/s

95th percentile per-packet one-way delay: 44.027 ms

Loss rate: 1.46%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2021-03-07 21:27:59

End at: 2021-03-07 21:28:29

Below is generated by plot.py at 2021-03-07 21:50:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.89 Mbit/s

95th percentile per-packet one-way delay: 44.715 ms

Loss rate: 2.13%

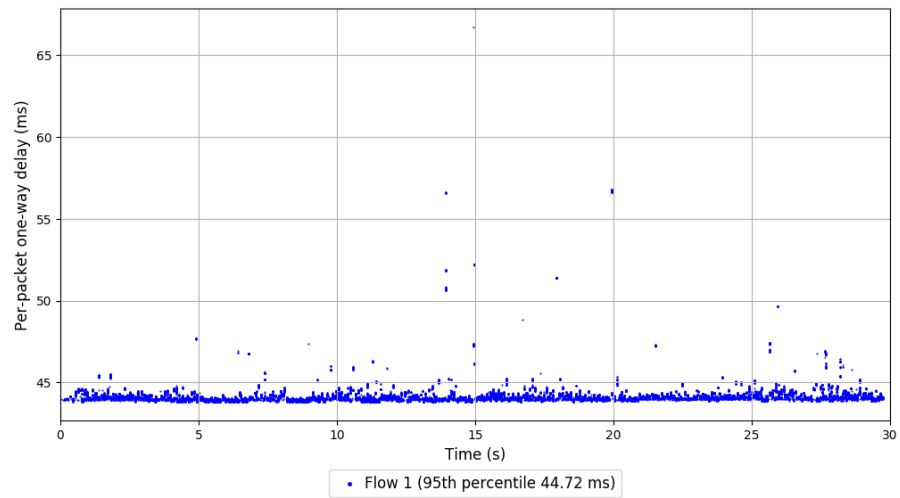
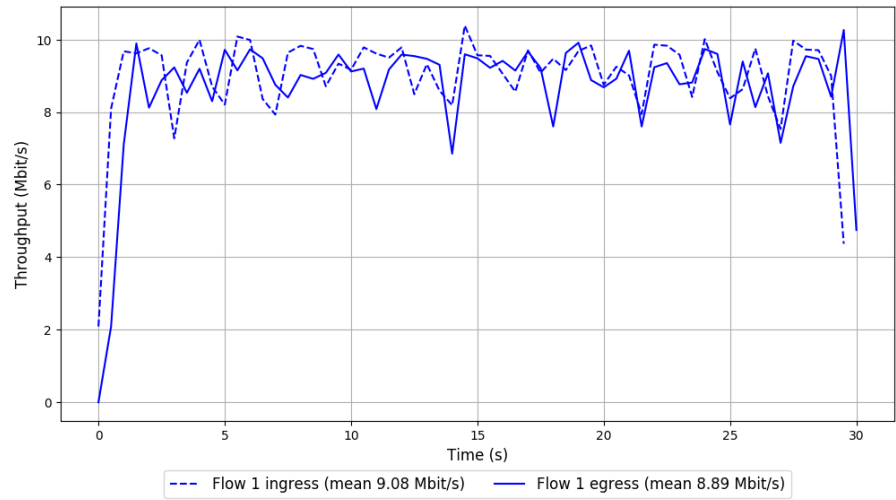
-- Flow 1:

Average throughput: 8.89 Mbit/s

95th percentile per-packet one-way delay: 44.715 ms

Loss rate: 2.13%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2021-03-07 21:36:57

End at: 2021-03-07 21:37:27

Below is generated by plot.py at 2021-03-07 21:50:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.09 Mbit/s

95th percentile per-packet one-way delay: 45.171 ms

Loss rate: 1.41%

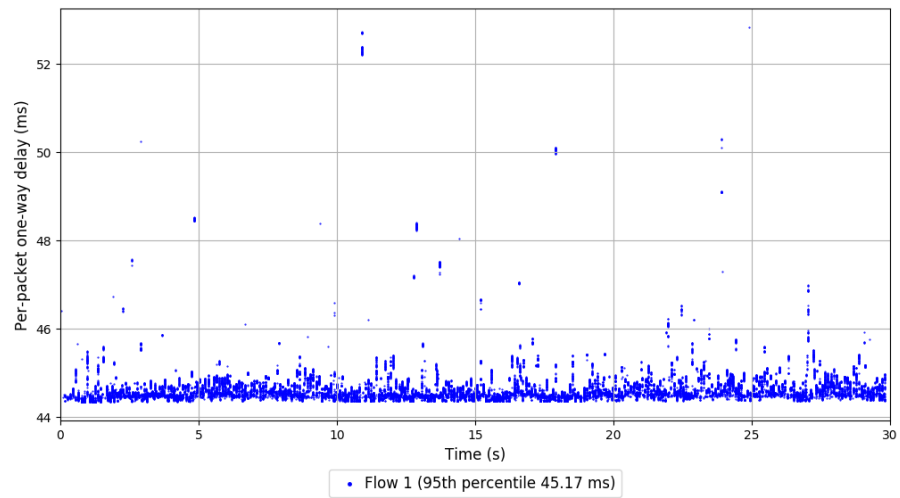
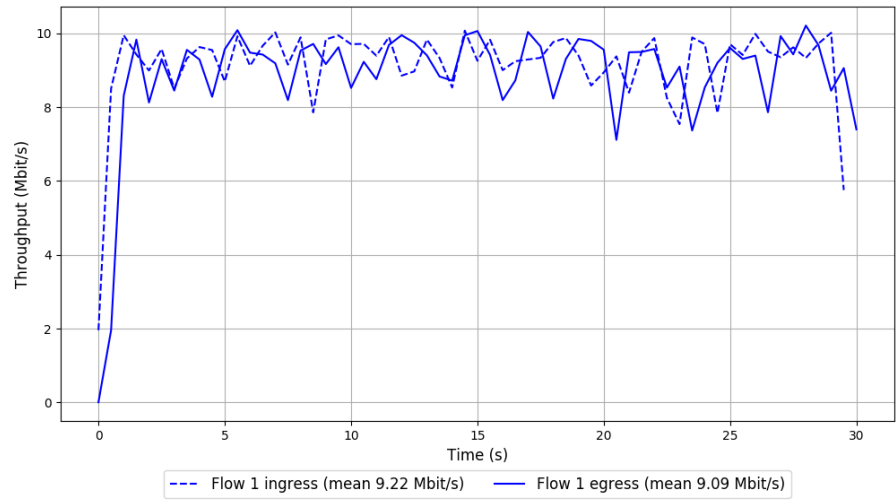
-- Flow 1:

Average throughput: 9.09 Mbit/s

95th percentile per-packet one-way delay: 45.171 ms

Loss rate: 1.41%

Run 3: Report of Sprout — Data Link

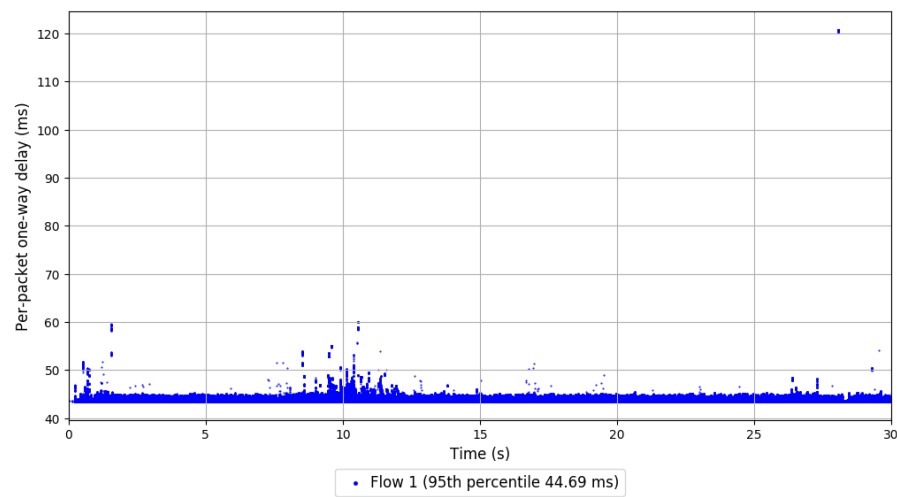
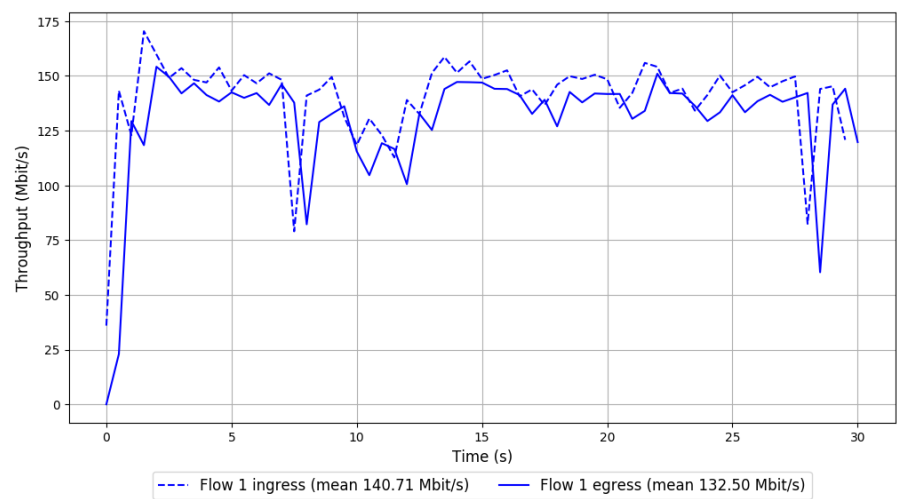


```
Run 1: Statistics of TaoVA-100x

Start at: 2021-03-07 21:23:52
End at: 2021-03-07 21:24:22

# Below is generated by plot.py at 2021-03-07 21:51:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 132.50 Mbit/s
95th percentile per-packet one-way delay: 44.685 ms
Loss rate: 5.86%
-- Flow 1:
Average throughput: 132.50 Mbit/s
95th percentile per-packet one-way delay: 44.685 ms
Loss rate: 5.86%
```

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



Run 2: Statistics of TaoVA-100x

Start at: 2021-03-07 21:32:56

End at: 2021-03-07 21:33:27

Below is generated by plot.py at 2021-03-07 21:51:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 135.71 Mbit/s

95th percentile per-packet one-way delay: 45.585 ms

Loss rate: 7.14%

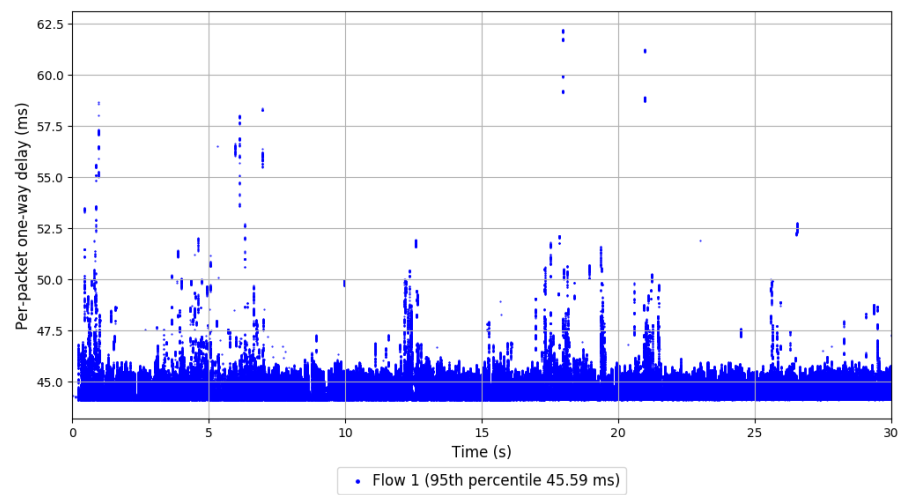
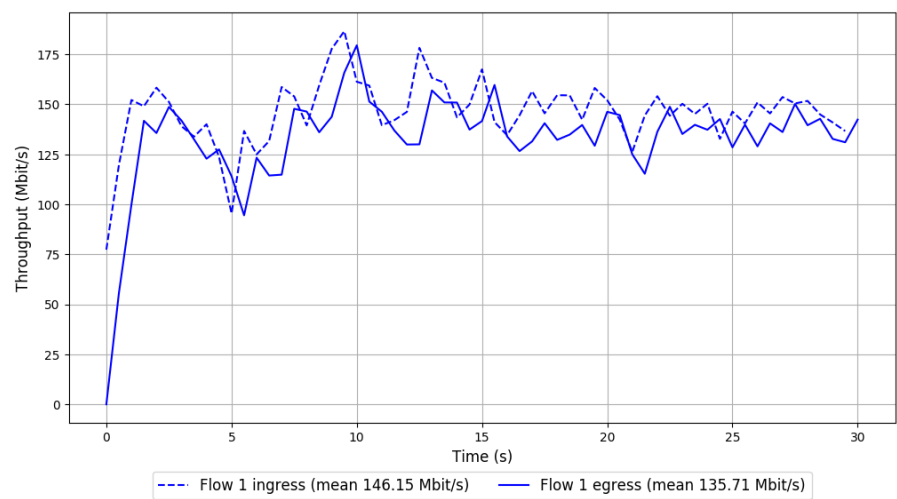
-- Flow 1:

Average throughput: 135.71 Mbit/s

95th percentile per-packet one-way delay: 45.585 ms

Loss rate: 7.14%

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



Run 3: Statistics of TaoVA-100x

Start at: 2021-03-07 21:41:59

End at: 2021-03-07 21:42:29

Below is generated by plot.py at 2021-03-07 21:52:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 134.11 Mbit/s

95th percentile per-packet one-way delay: 46.125 ms

Loss rate: 8.10%

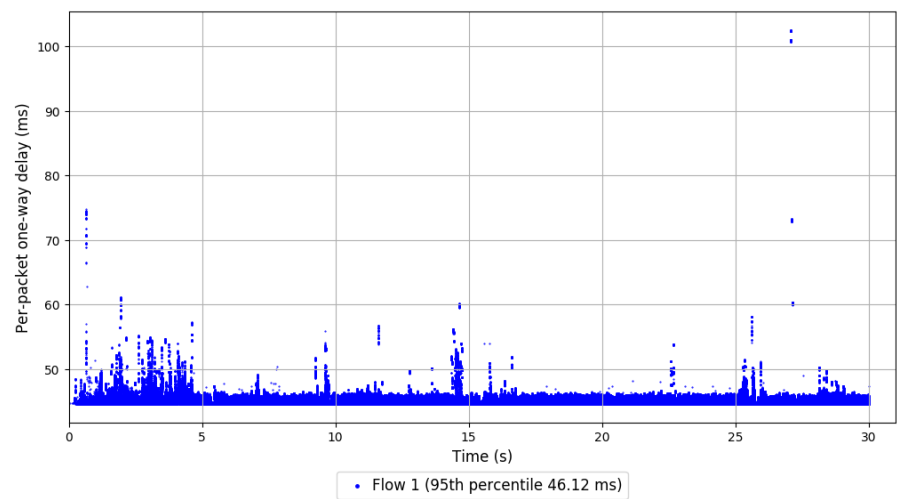
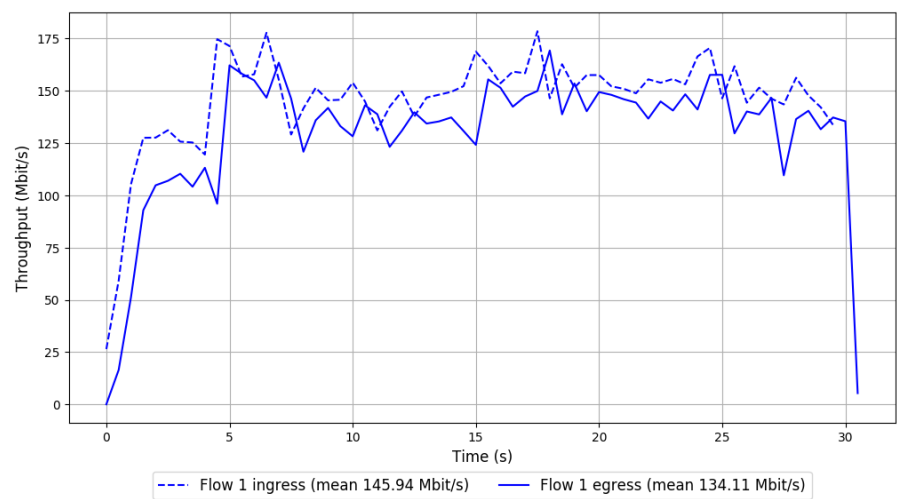
-- Flow 1:

Average throughput: 134.11 Mbit/s

95th percentile per-packet one-way delay: 46.125 ms

Loss rate: 8.10%

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



Run 1: Statistics of TCP Vegas

Start at: 2021-03-07 21:21:05

End at: 2021-03-07 21:21:35

Below is generated by plot.py at 2021-03-07 21:52:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.18 Mbit/s

95th percentile per-packet one-way delay: 43.911 ms

Loss rate: 0.39%

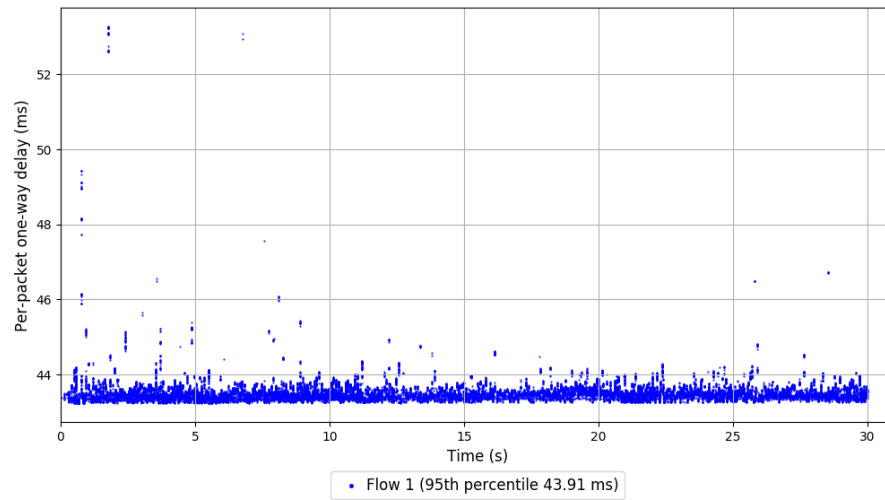
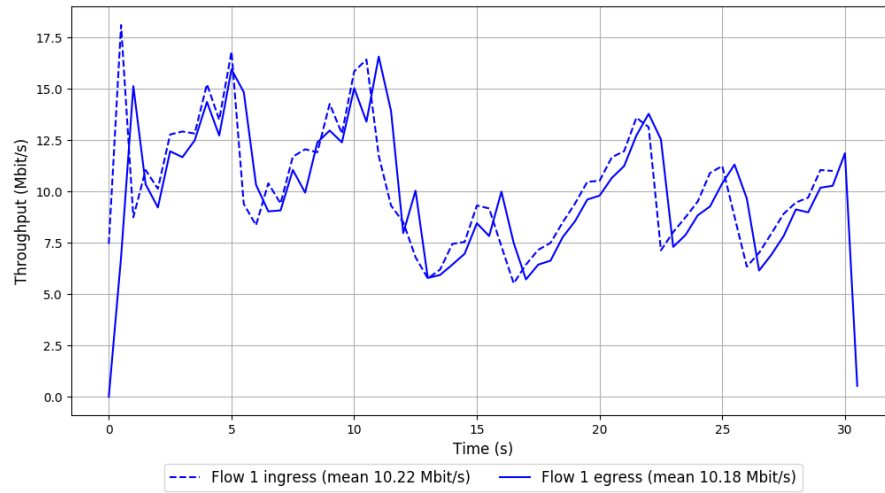
-- Flow 1:

Average throughput: 10.18 Mbit/s

95th percentile per-packet one-way delay: 43.911 ms

Loss rate: 0.39%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2021-03-07 21:30:11

End at: 2021-03-07 21:30:41

Below is generated by plot.py at 2021-03-07 21:52:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.43 Mbit/s

95th percentile per-packet one-way delay: 44.849 ms

Loss rate: 0.32%

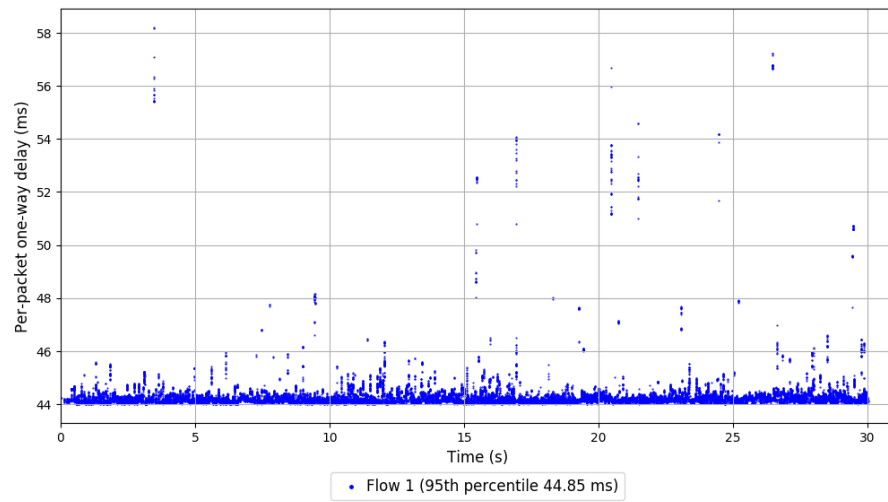
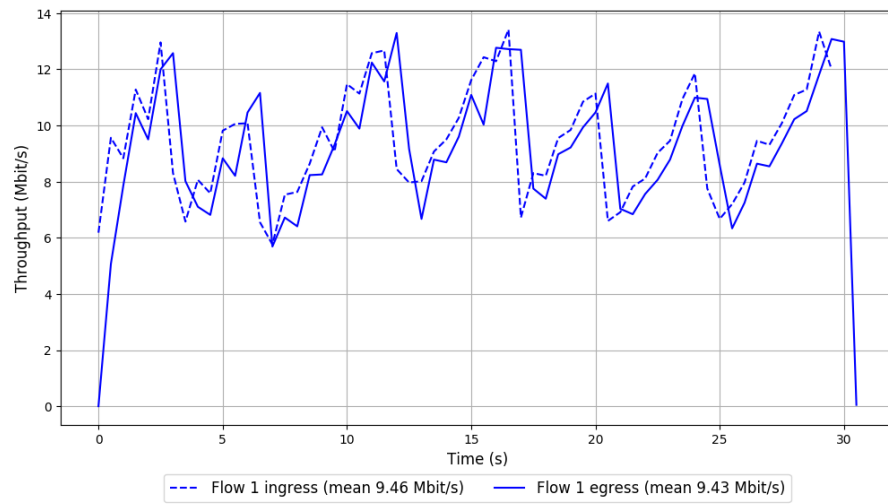
-- Flow 1:

Average throughput: 9.43 Mbit/s

95th percentile per-packet one-way delay: 44.849 ms

Loss rate: 0.32%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2021-03-07 21:39:14

End at: 2021-03-07 21:39:44

Below is generated by plot.py at 2021-03-07 21:52:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.72 Mbit/s

95th percentile per-packet one-way delay: 45.166 ms

Loss rate: 0.27%

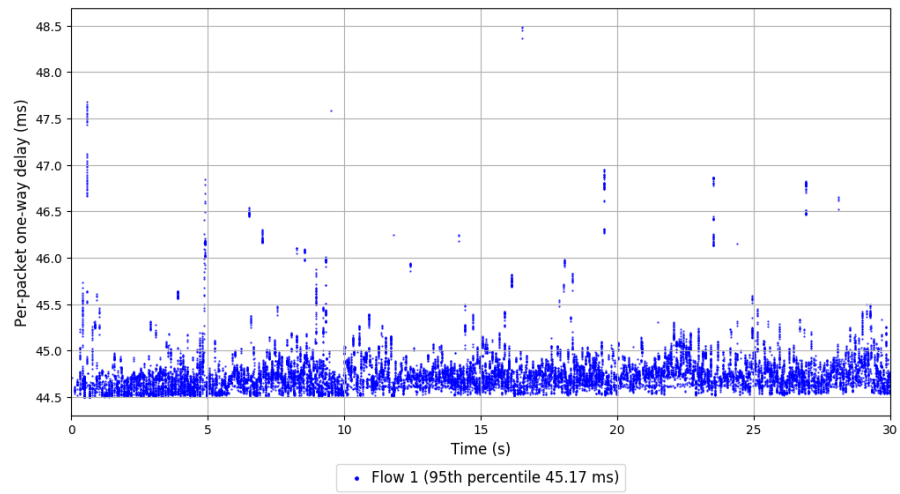
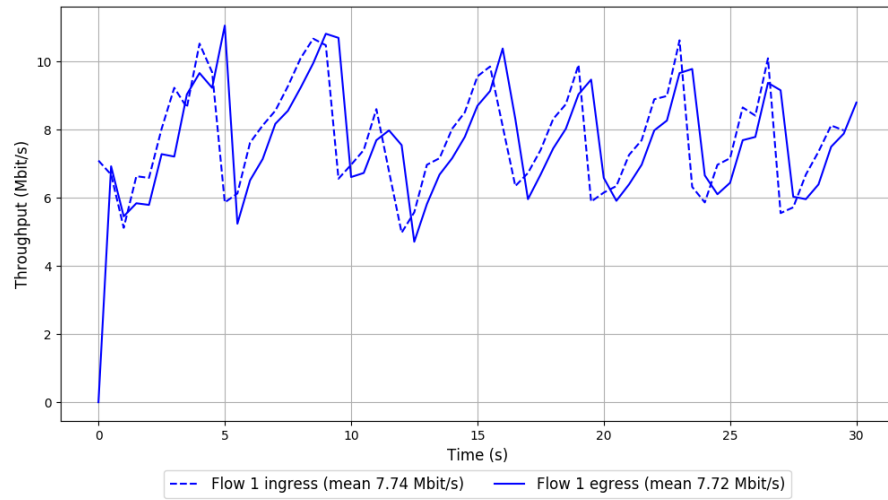
-- Flow 1:

Average throughput: 7.72 Mbit/s

95th percentile per-packet one-way delay: 45.166 ms

Loss rate: 0.27%

Run 3: Report of TCP Vegas — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2021-03-07 21:19:32

End at: 2021-03-07 21:20:02

Below is generated by plot.py at 2021-03-07 21:52:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 107.62 Mbit/s

95th percentile per-packet one-way delay: 44.004 ms

Loss rate: 2.38%

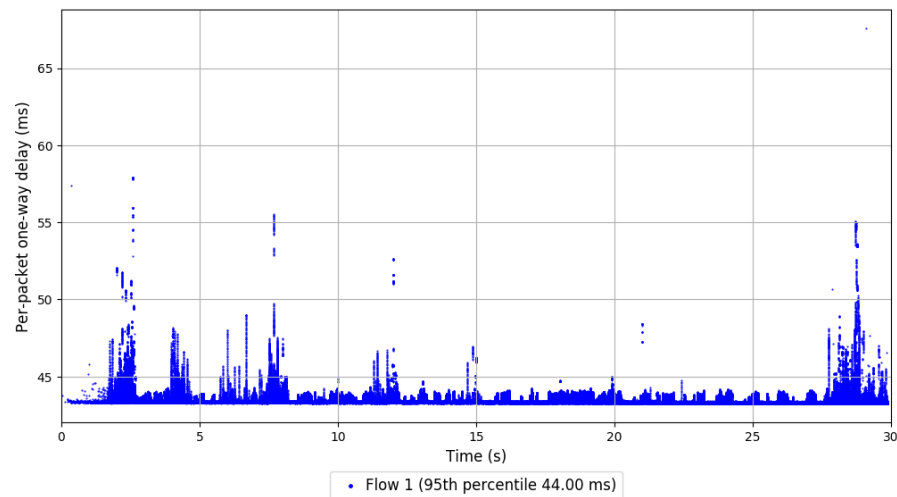
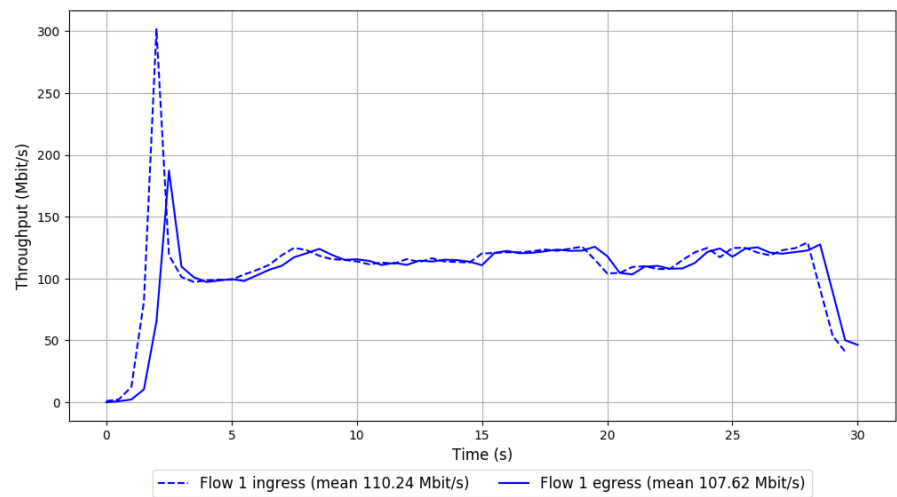
-- Flow 1:

Average throughput: 107.62 Mbit/s

95th percentile per-packet one-way delay: 44.004 ms

Loss rate: 2.38%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2021-03-07 21:28:40

End at: 2021-03-07 21:29:10

Below is generated by plot.py at 2021-03-07 21:52:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.66 Mbit/s

95th percentile per-packet one-way delay: 44.725 ms

Loss rate: 0.95%

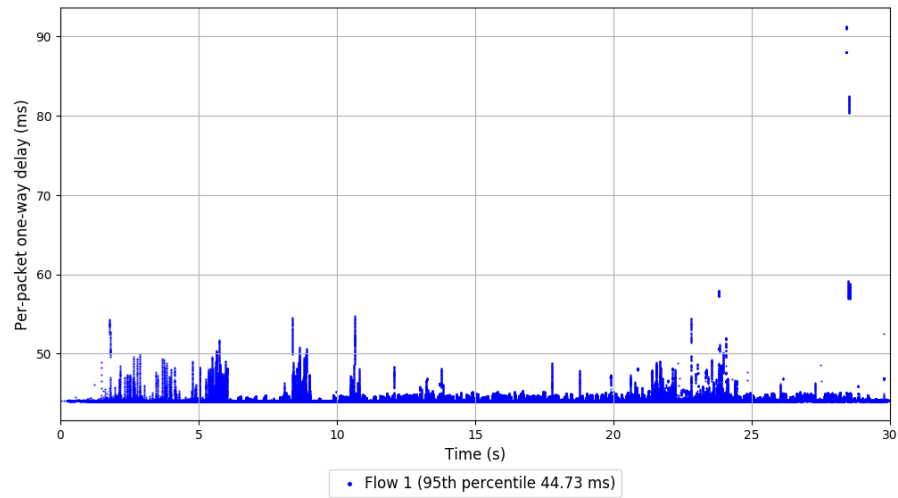
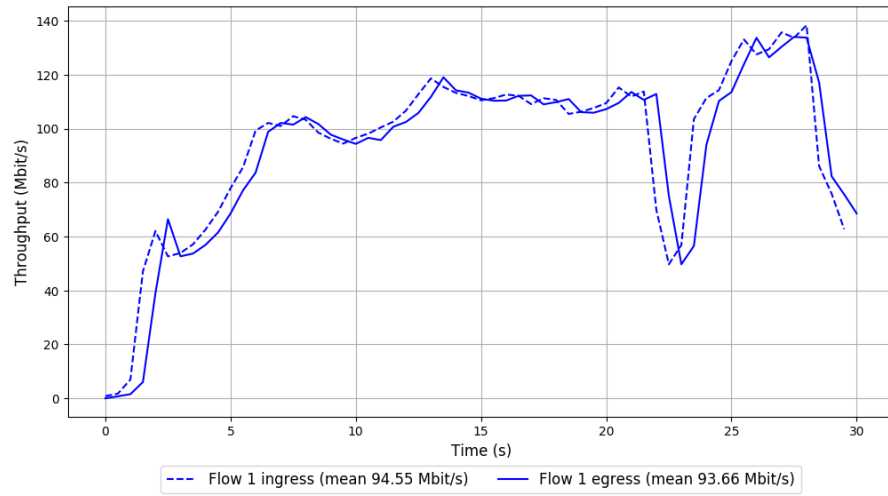
-- Flow 1:

Average throughput: 93.66 Mbit/s

95th percentile per-packet one-way delay: 44.725 ms

Loss rate: 0.95%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2021-03-07 21:37:37

End at: 2021-03-07 21:38:07

Below is generated by plot.py at 2021-03-07 21:52:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 193.78 Mbit/s

95th percentile per-packet one-way delay: 45.234 ms

Loss rate: 2.66%

-- Flow 1:

Average throughput: 193.78 Mbit/s

95th percentile per-packet one-way delay: 45.234 ms

Loss rate: 2.66%

Run 3: Report of PCC-Vivace — Data Link

