

Pantheon Report

Generated at 2019-02-11 15:16:45 (UTC).

Data path: AWS California 1 on `ens5` (*local*) → Stanford on `eno1` (*remote*).

Repeated the test of 21 congestion control schemes 5 times.

Each test lasted for 30 seconds running 1 flow.

NTP offsets were measured against `time.stanford.edu` and have been applied to correct the timestamps in logs.

System info:

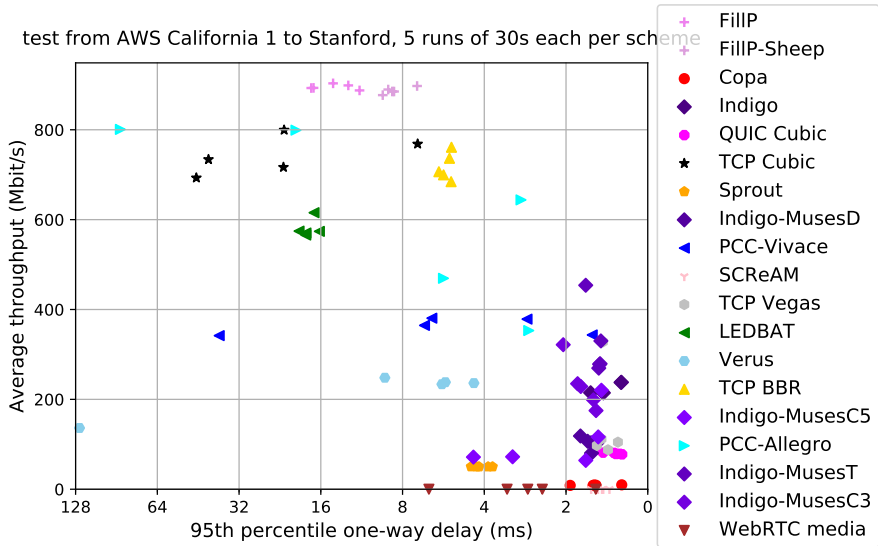
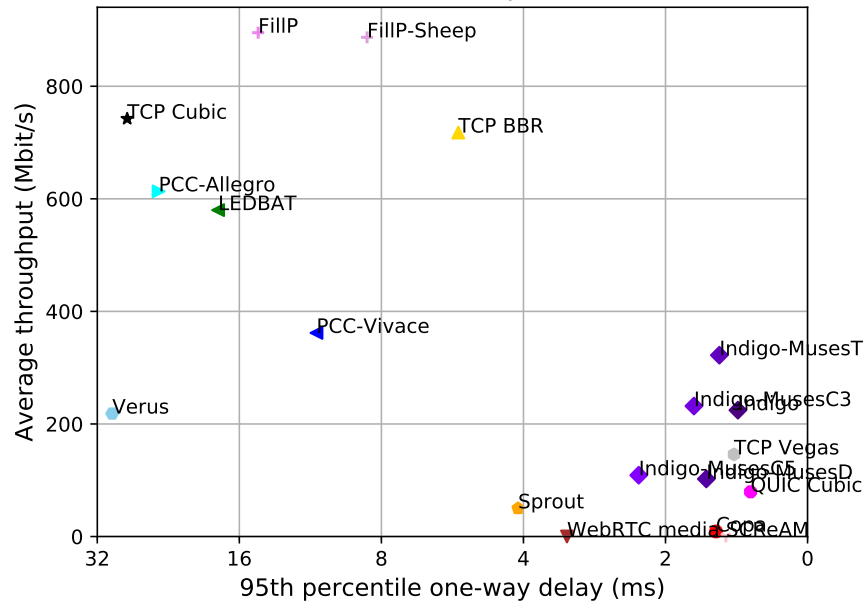
```
Linux 4.15.0-1031-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

Git summary:

```
branch: muses @ 7a686f7c2ed0a333082c0bab1fa5c921ab47e6ee
third_party/fillp @ d6da1459332fcee56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecd90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/muses @ 5ce721187ad823da20955337730c746486ca4966
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
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
```

third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851

test from AWS California 1 to Stanford, 5 runs of 30s each per scheme
(mean of all runs by scheme)



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	5	717.71	5.50	0.02
Copa	5	8.99	1.29	48.35
TCP Cubic	5	742.28	27.66	0.06
FillP	5	895.15	14.60	3.65
FillP-Sheep	5	886.89	8.58	2.30
Indigo	5	224.55	0.98	0.00
Indigo-MusesC3	5	231.84	1.60	0.01
Indigo-MusesC5	5	108.91	2.28	0.03
Indigo-MusesD	5	102.33	1.43	0.00
Indigo-MusesT	5	322.16	1.24	0.00
LEDBAT	5	579.96	17.75	0.04
PCC-Allegro	5	613.30	23.72	0.36
PCC-Expr	0	N/A	N/A	N/A
QUIC Cubic	5	79.45	0.80	0.00
SCReAM	5	0.22	1.15	0.00
Sprout	5	50.10	4.11	0.01
TaoVA-100x	0	N/A	N/A	N/A
TCP Vegas	5	145.94	1.04	0.00
Verus	5	218.50	29.76	0.98
PCC-Vivace	5	361.80	10.98	0.01
WebRTC media	5	0.05	3.24	0.00

Run 1: Statistics of TCP BBR

Start at: 2019-02-11 12:21:27

End at: 2019-02-11 12:21:57

Local clock offset: 3.133 ms

Remote clock offset: -3.075 ms

Below is generated by plot.py at 2019-02-11 14:37:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 684.52 Mbit/s

95th percentile per-packet one-way delay: 5.300 ms

Loss rate: 0.02%

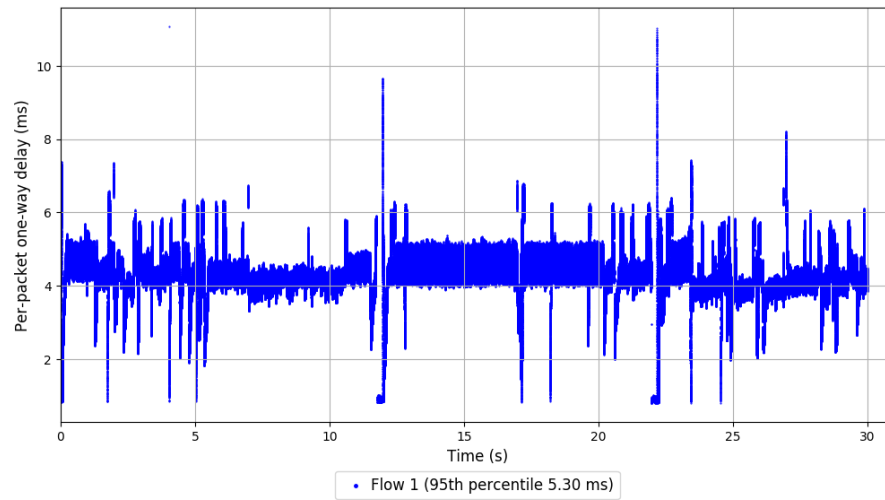
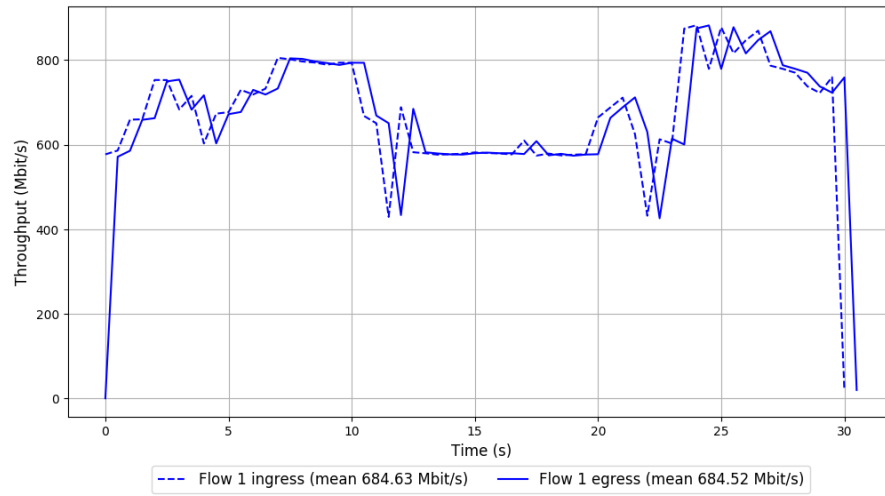
-- Flow 1:

Average throughput: 684.52 Mbit/s

95th percentile per-packet one-way delay: 5.300 ms

Loss rate: 0.02%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2019-02-11 12:50:35

End at: 2019-02-11 12:51:05

Local clock offset: 1.48 ms

Remote clock offset: -2.864 ms

Below is generated by plot.py at 2019-02-11 14:38:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 736.57 Mbit/s

95th percentile per-packet one-way delay: 5.373 ms

Loss rate: 0.02%

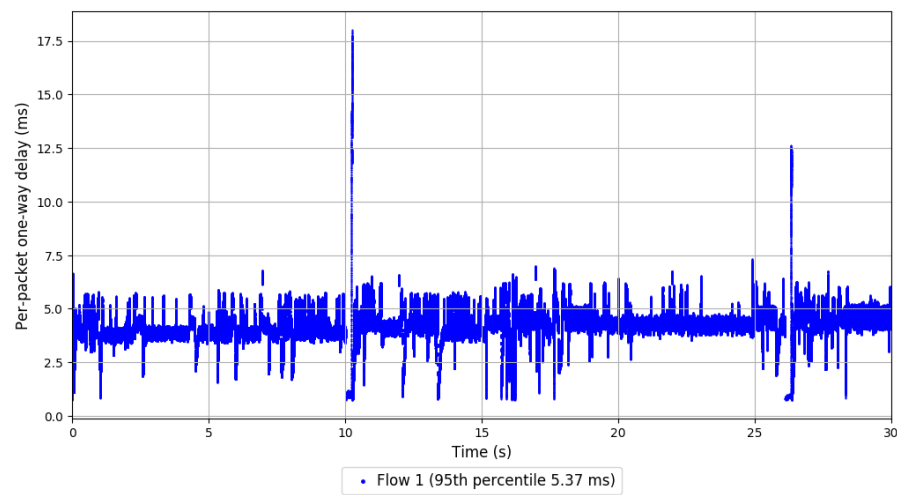
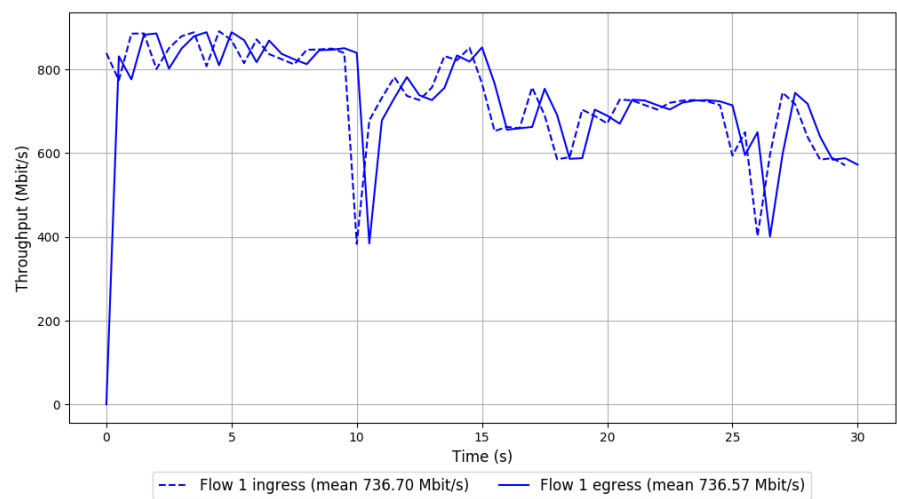
-- Flow 1:

Average throughput: 736.57 Mbit/s

95th percentile per-packet one-way delay: 5.373 ms

Loss rate: 0.02%

Run 2: Report of TCP BBR — Data Link

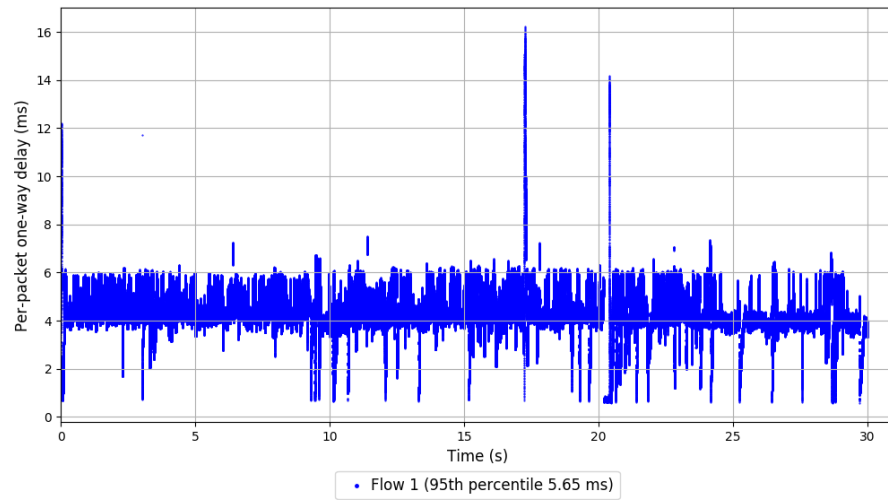
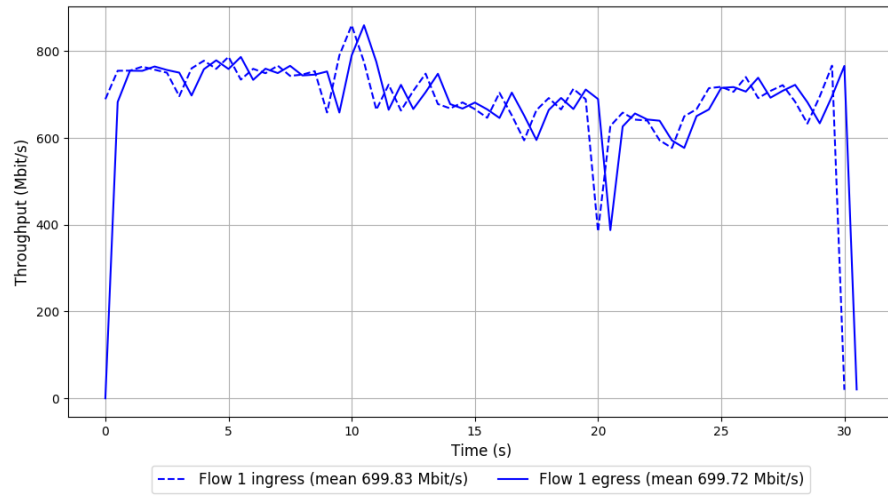


Run 3: Statistics of TCP BBR

Start at: 2019-02-11 13:19:41
End at: 2019-02-11 13:20:11
Local clock offset: -2.277 ms
Remote clock offset: -1.593 ms

Below is generated by plot.py at 2019-02-11 14:38:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 699.72 Mbit/s
95th percentile per-packet one-way delay: 5.651 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 699.72 Mbit/s
95th percentile per-packet one-way delay: 5.651 ms
Loss rate: 0.02%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2019-02-11 13:48:44

End at: 2019-02-11 13:49:14

Local clock offset: 0.022 ms

Remote clock offset: 0.762 ms

Below is generated by plot.py at 2019-02-11 14:38:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 706.65 Mbit/s

95th percentile per-packet one-way delay: 5.879 ms

Loss rate: 0.01%

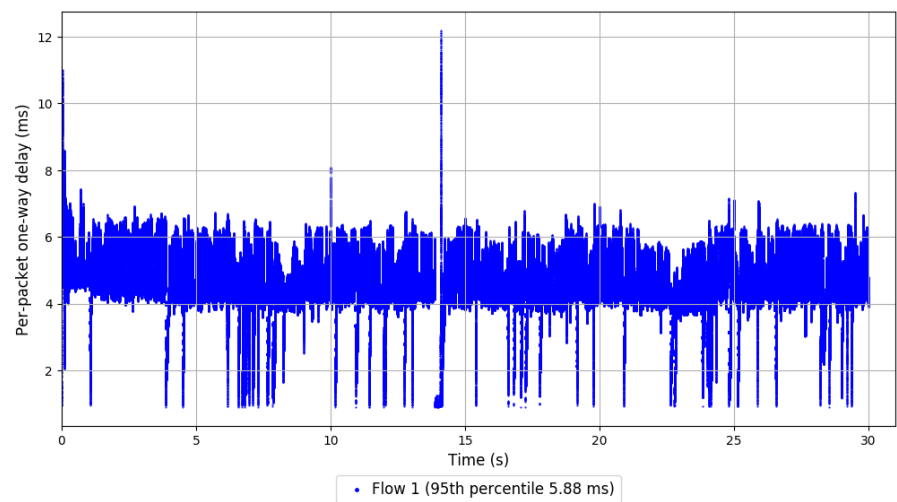
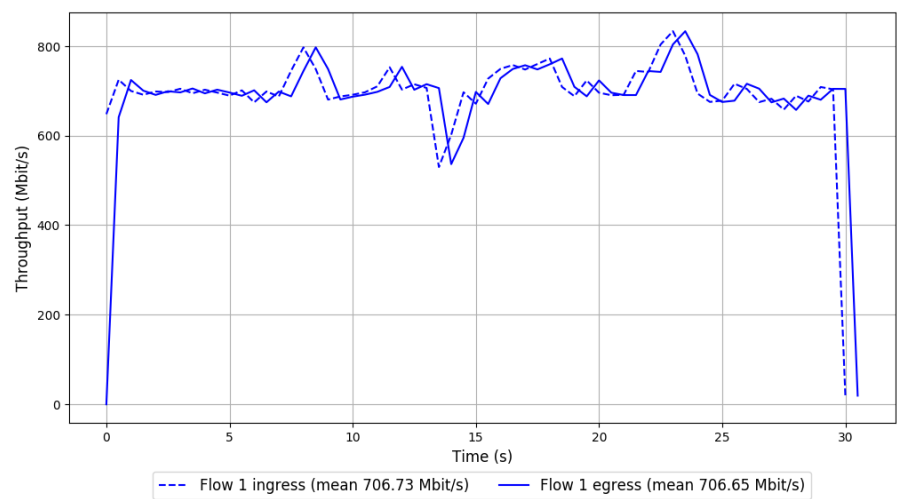
-- Flow 1:

Average throughput: 706.65 Mbit/s

95th percentile per-packet one-way delay: 5.879 ms

Loss rate: 0.01%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2019-02-11 14:17:33

End at: 2019-02-11 14:18:03

Local clock offset: 0.557 ms

Remote clock offset: 2.067 ms

Below is generated by plot.py at 2019-02-11 14:38:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 761.11 Mbit/s

95th percentile per-packet one-way delay: 5.284 ms

Loss rate: 0.02%

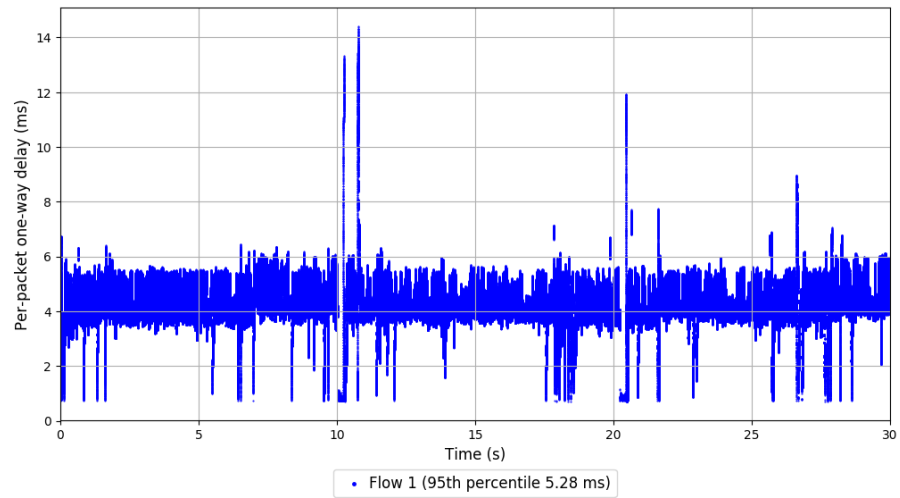
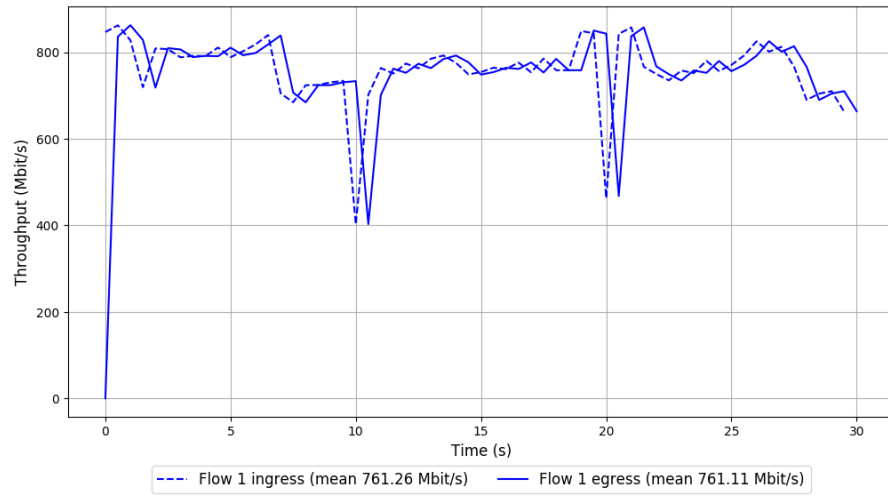
-- Flow 1:

Average throughput: 761.11 Mbit/s

95th percentile per-packet one-way delay: 5.284 ms

Loss rate: 0.02%

Run 5: Report of TCP BBR — Data Link

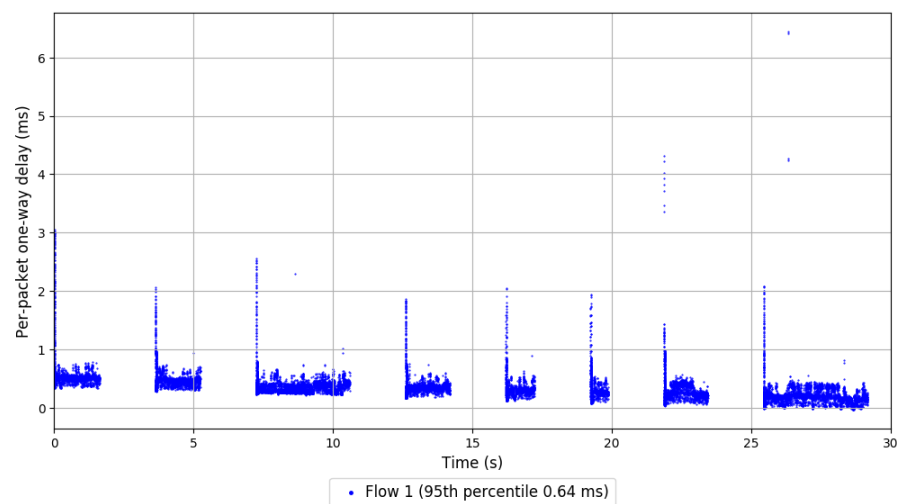
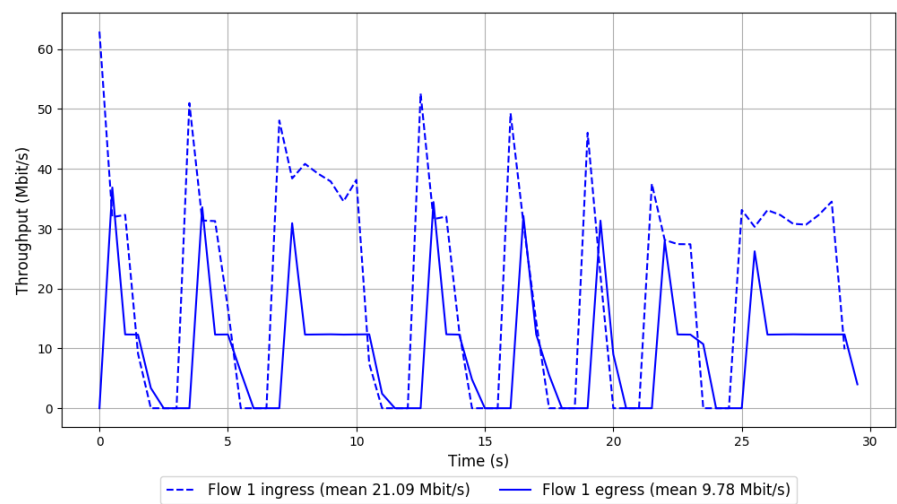


Run 1: Statistics of Copa

Start at: 2019-02-11 12:05:15
End at: 2019-02-11 12:05:45
Local clock offset: 9.162 ms
Remote clock offset: -4.447 ms

Below is generated by plot.py at 2019-02-11 14:38:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.78 Mbit/s
95th percentile per-packet one-way delay: 0.637 ms
Loss rate: 53.65%
-- Flow 1:
Average throughput: 9.78 Mbit/s
95th percentile per-packet one-way delay: 0.637 ms
Loss rate: 53.65%

Run 1: Report of Copa — Data Link

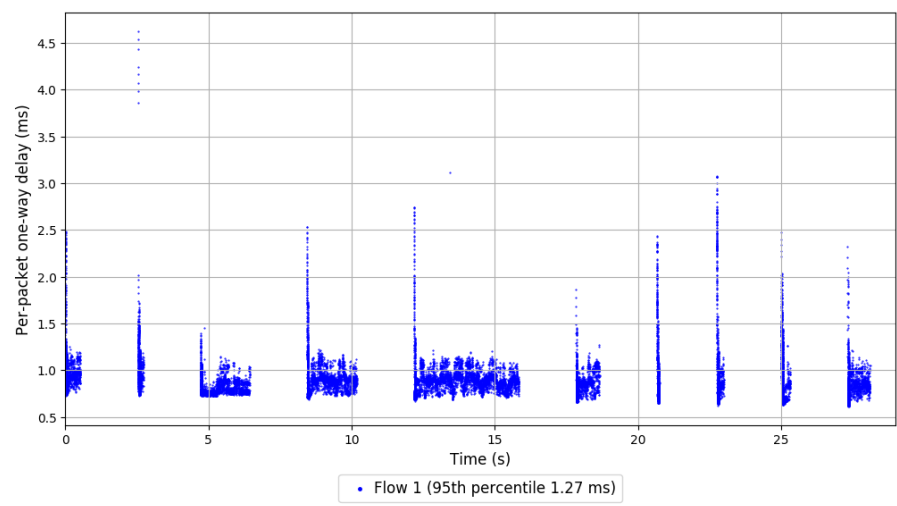
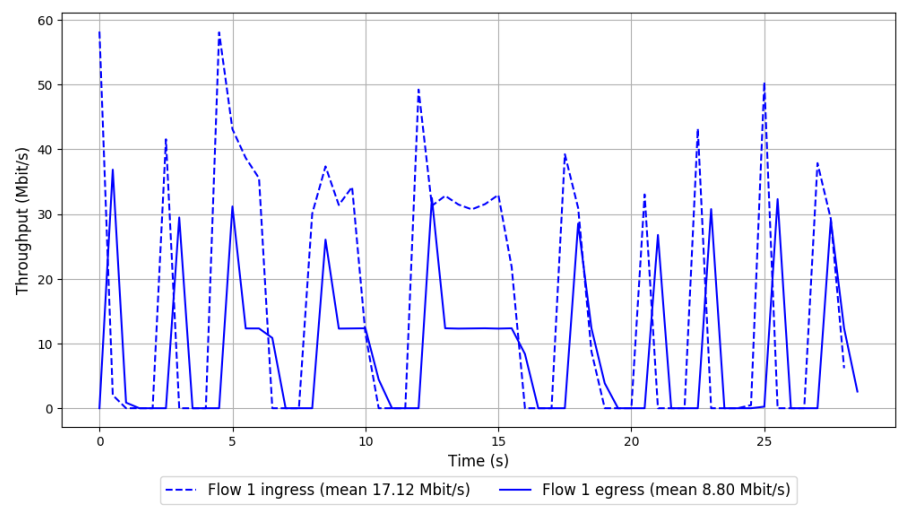


Run 2: Statistics of Copa

Start at: 2019-02-11 12:34:16
End at: 2019-02-11 12:34:46
Local clock offset: 3.221 ms
Remote clock offset: -3.002 ms

Below is generated by plot.py at 2019-02-11 14:38:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.80 Mbit/s
95th percentile per-packet one-way delay: 1.266 ms
Loss rate: 48.59%
-- Flow 1:
Average throughput: 8.80 Mbit/s
95th percentile per-packet one-way delay: 1.266 ms
Loss rate: 48.59%

Run 2: Report of Copa — Data Link

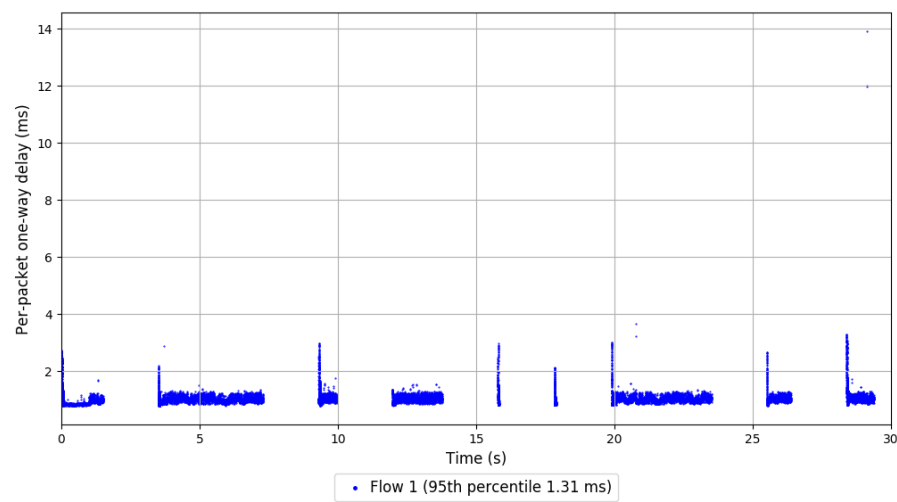
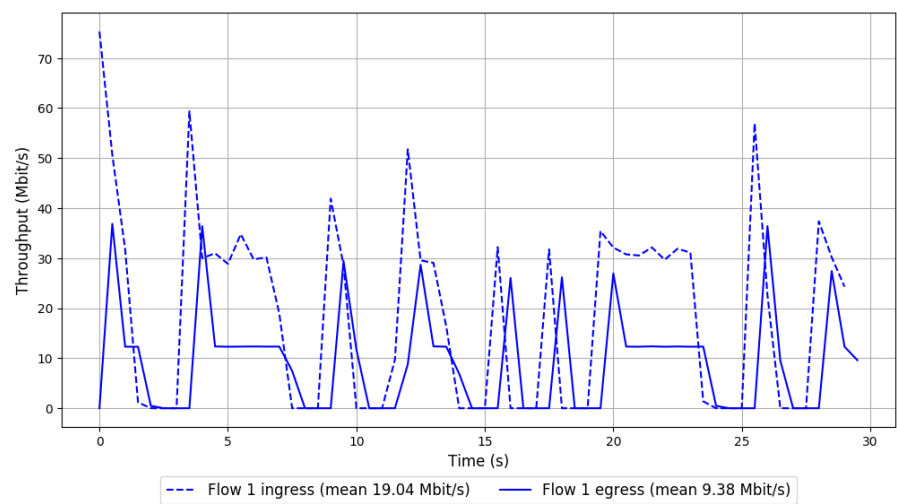


Run 3: Statistics of Copa

Start at: 2019-02-11 13:03:20
End at: 2019-02-11 13:03:50
Local clock offset: 1.724 ms
Remote clock offset: -2.776 ms

Below is generated by plot.py at 2019-02-11 14:38:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.38 Mbit/s
95th percentile per-packet one-way delay: 1.307 ms
Loss rate: 50.75%
-- Flow 1:
Average throughput: 9.38 Mbit/s
95th percentile per-packet one-way delay: 1.307 ms
Loss rate: 50.75%

Run 3: Report of Copa — Data Link

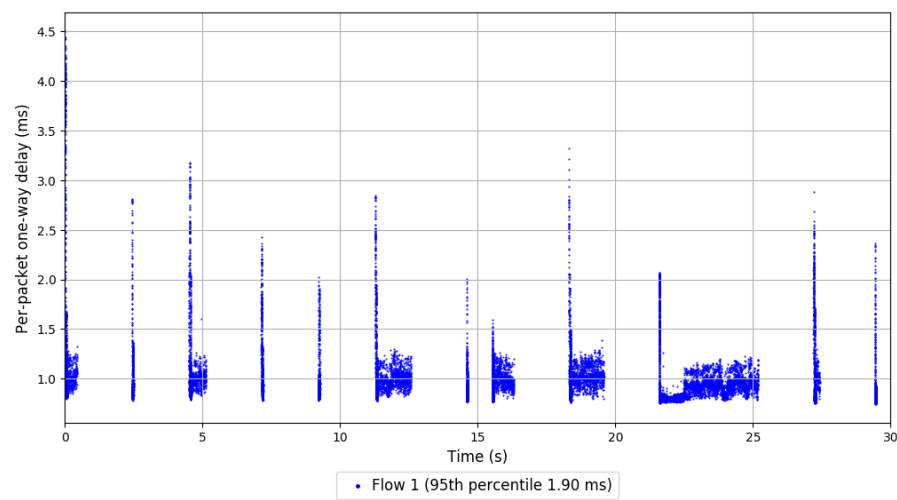
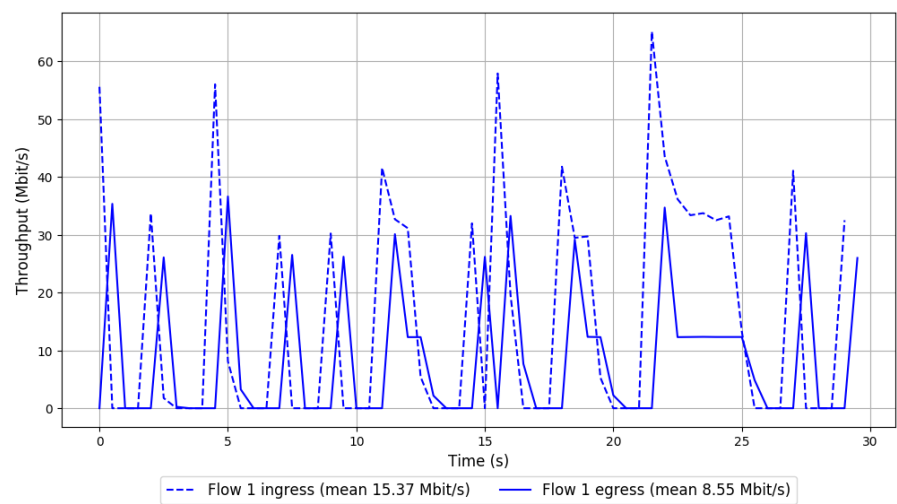


Run 4: Statistics of Copa

Start at: 2019-02-11 13:32:29
End at: 2019-02-11 13:32:59
Local clock offset: -3.133 ms
Remote clock offset: -0.127 ms

Below is generated by plot.py at 2019-02-11 14:38:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.55 Mbit/s
95th percentile per-packet one-way delay: 1.898 ms
Loss rate: 44.38%
-- Flow 1:
Average throughput: 8.55 Mbit/s
95th percentile per-packet one-way delay: 1.898 ms
Loss rate: 44.38%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2019-02-11 14:01:27

End at: 2019-02-11 14:01:57

Local clock offset: 0.847 ms

Remote clock offset: 1.266 ms

Below is generated by plot.py at 2019-02-11 14:38:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.46 Mbit/s

95th percentile per-packet one-way delay: 1.339 ms

Loss rate: 44.36%

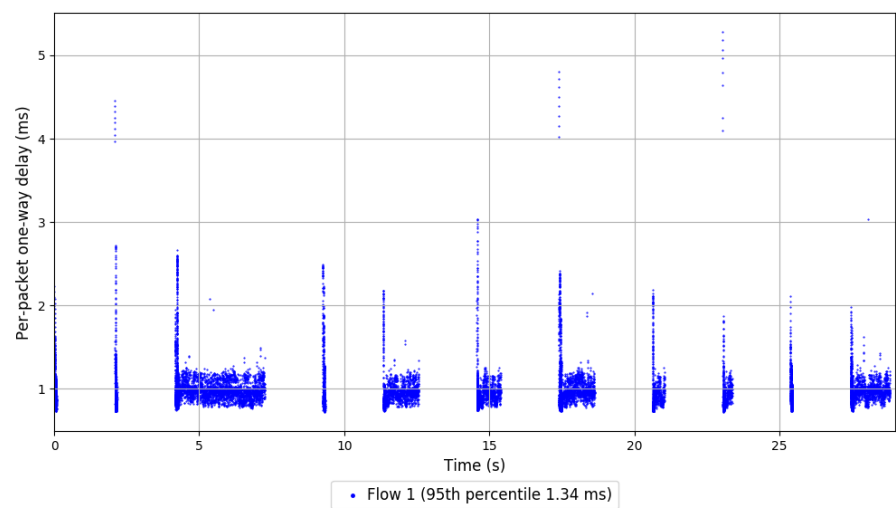
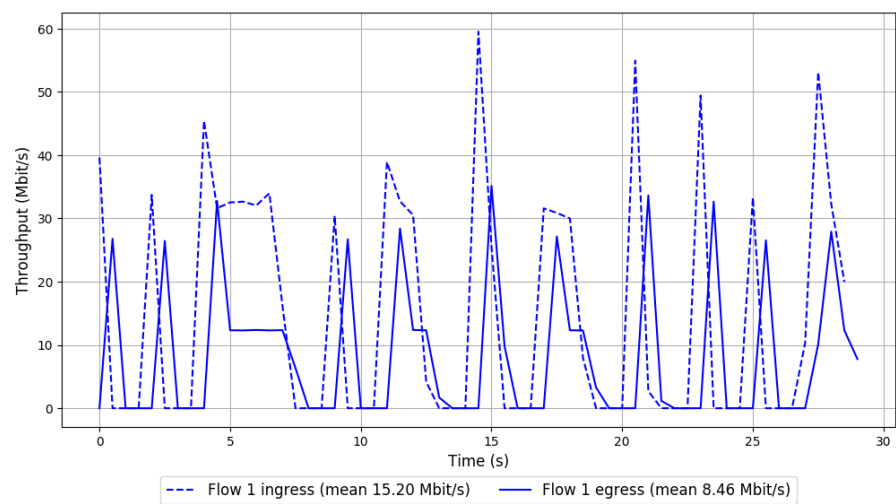
-- Flow 1:

Average throughput: 8.46 Mbit/s

95th percentile per-packet one-way delay: 1.339 ms

Loss rate: 44.36%

Run 5: Report of Copa — Data Link

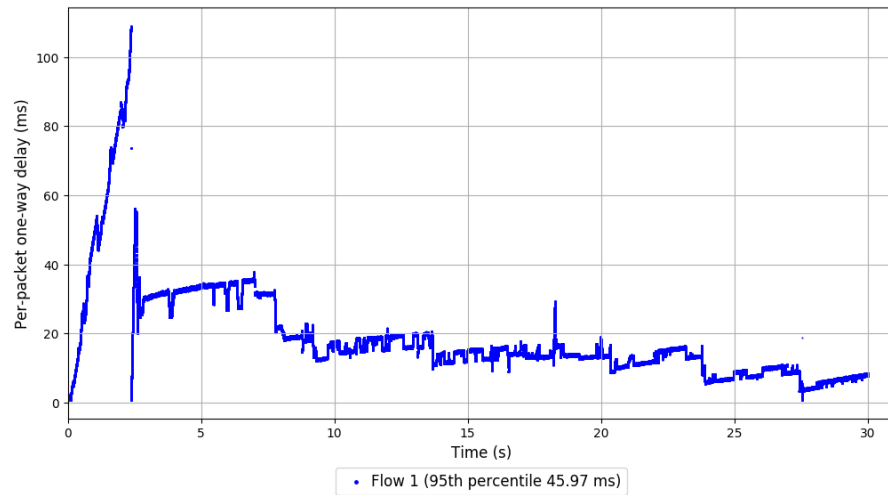
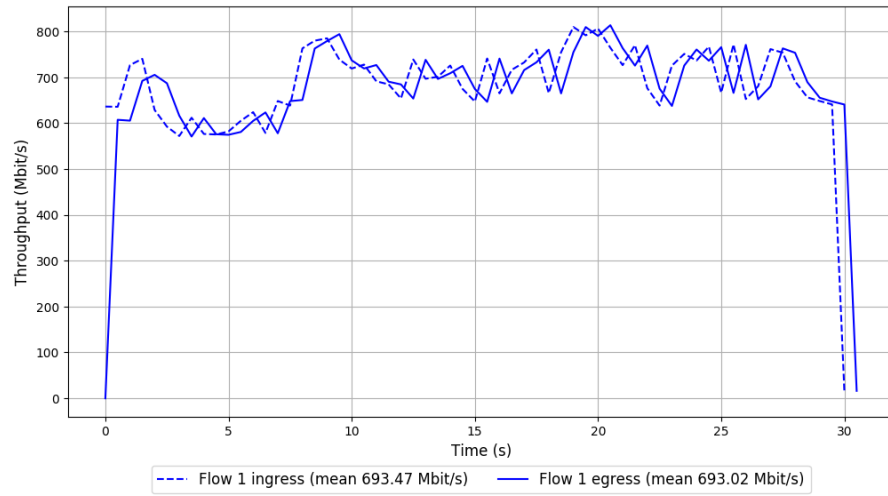


Run 1: Statistics of TCP Cubic

Start at: 2019-02-11 12:27:10
End at: 2019-02-11 12:27:40
Local clock offset: 2.994 ms
Remote clock offset: -3.082 ms

Below is generated by plot.py at 2019-02-11 14:38:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 693.02 Mbit/s
95th percentile per-packet one-way delay: 45.970 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 693.02 Mbit/s
95th percentile per-packet one-way delay: 45.970 ms
Loss rate: 0.07%

Run 1: Report of TCP Cubic — Data Link

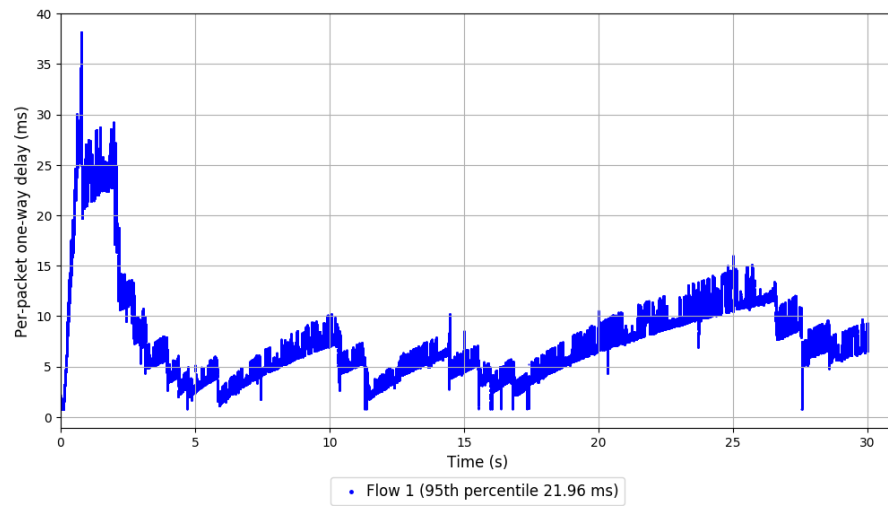
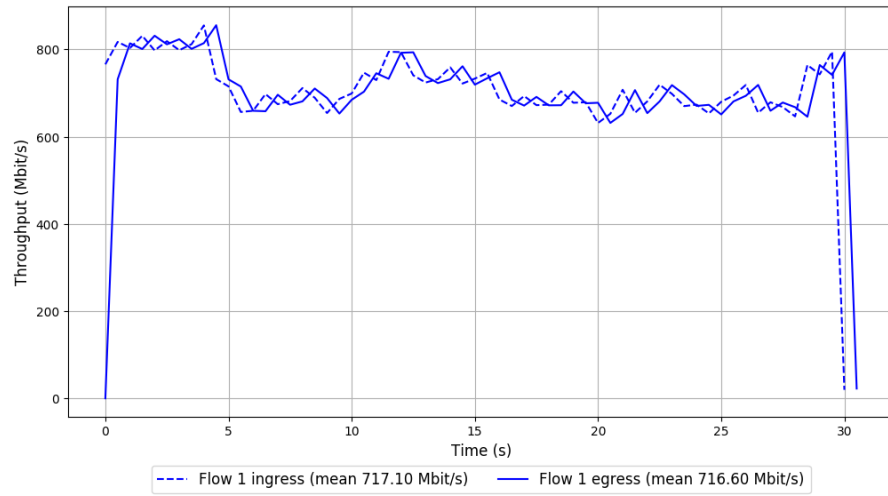


Run 2: Statistics of TCP Cubic

Start at: 2019-02-11 12:56:18
End at: 2019-02-11 12:56:48
Local clock offset: 1.521 ms
Remote clock offset: -2.813 ms

Below is generated by plot.py at 2019-02-11 14:38:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 716.60 Mbit/s
95th percentile per-packet one-way delay: 21.964 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 716.60 Mbit/s
95th percentile per-packet one-way delay: 21.964 ms
Loss rate: 0.07%

Run 2: Report of TCP Cubic — Data Link

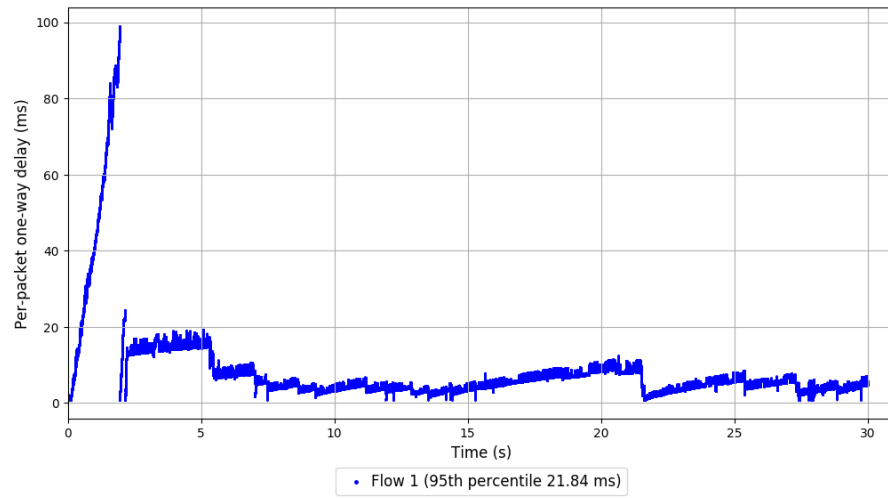
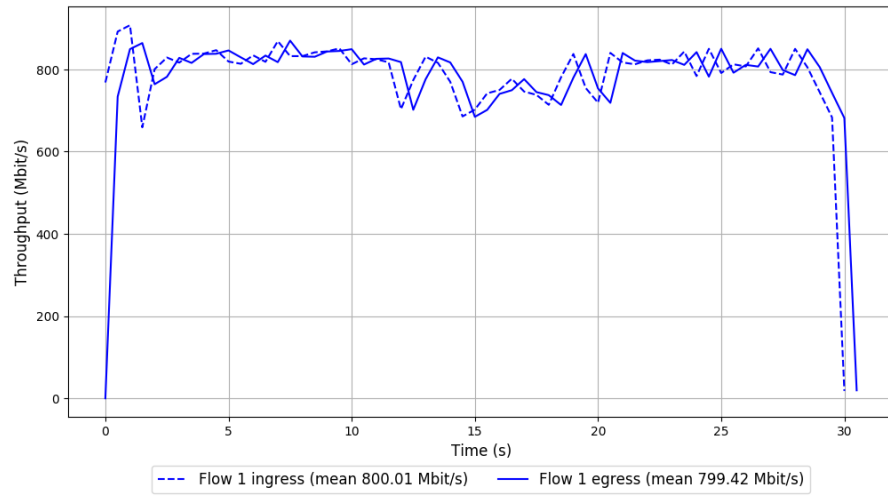


Run 3: Statistics of TCP Cubic

Start at: 2019-02-11 13:25:23
End at: 2019-02-11 13:25:53
Local clock offset: -2.766 ms
Remote clock offset: -0.761 ms

Below is generated by plot.py at 2019-02-11 14:39:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 799.42 Mbit/s
95th percentile per-packet one-way delay: 21.837 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 799.42 Mbit/s
95th percentile per-packet one-way delay: 21.837 ms
Loss rate: 0.07%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2019-02-11 13:54:25

End at: 2019-02-11 13:54:55

Local clock offset: 0.487 ms

Remote clock offset: 0.968 ms

Below is generated by plot.py at 2019-02-11 14:44:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 768.46 Mbit/s

95th percentile per-packet one-way delay: 7.040 ms

Loss rate: 0.04%

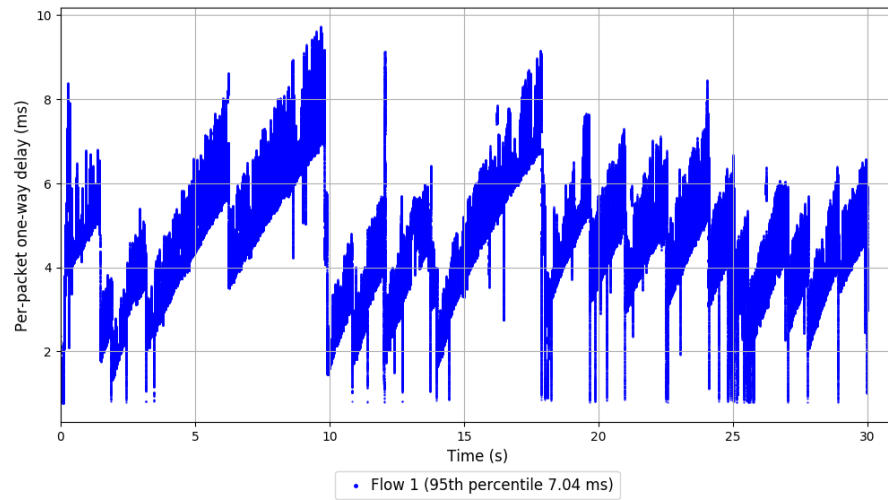
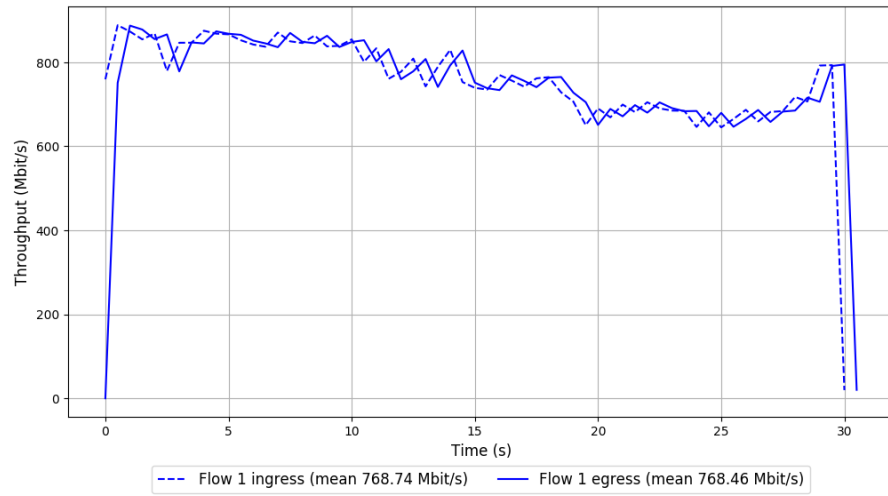
-- Flow 1:

Average throughput: 768.46 Mbit/s

95th percentile per-packet one-way delay: 7.040 ms

Loss rate: 0.04%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2019-02-11 14:23:16

End at: 2019-02-11 14:23:46

Local clock offset: 0.589 ms

Remote clock offset: 2.22 ms

Below is generated by plot.py at 2019-02-11 14:44:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 733.90 Mbit/s

95th percentile per-packet one-way delay: 41.476 ms

Loss rate: 0.05%

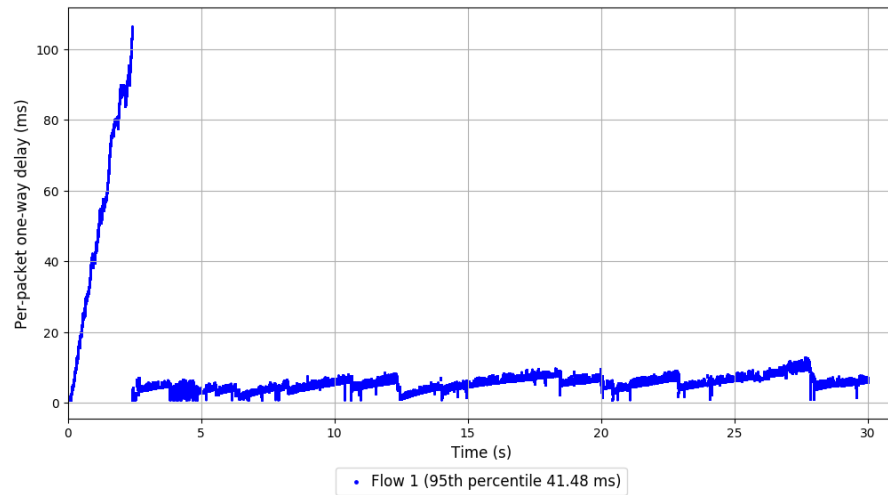
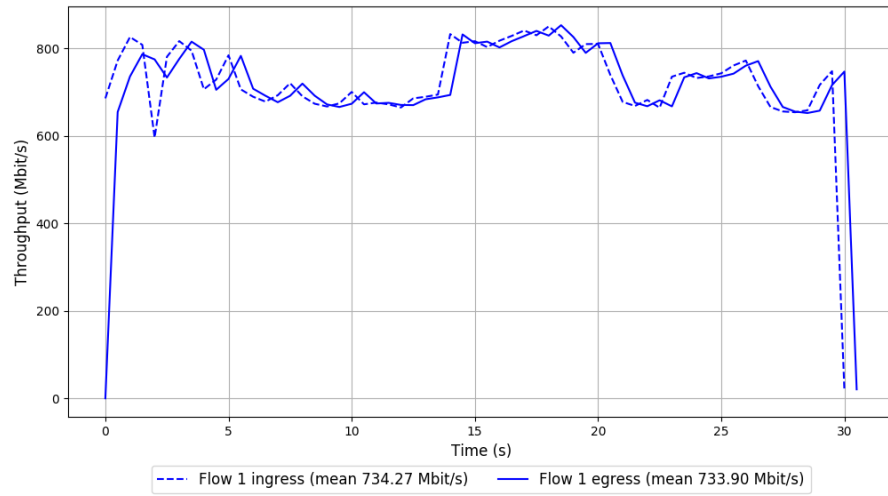
-- Flow 1:

Average throughput: 733.90 Mbit/s

95th percentile per-packet one-way delay: 41.476 ms

Loss rate: 0.05%

Run 5: Report of TCP Cubic — Data Link

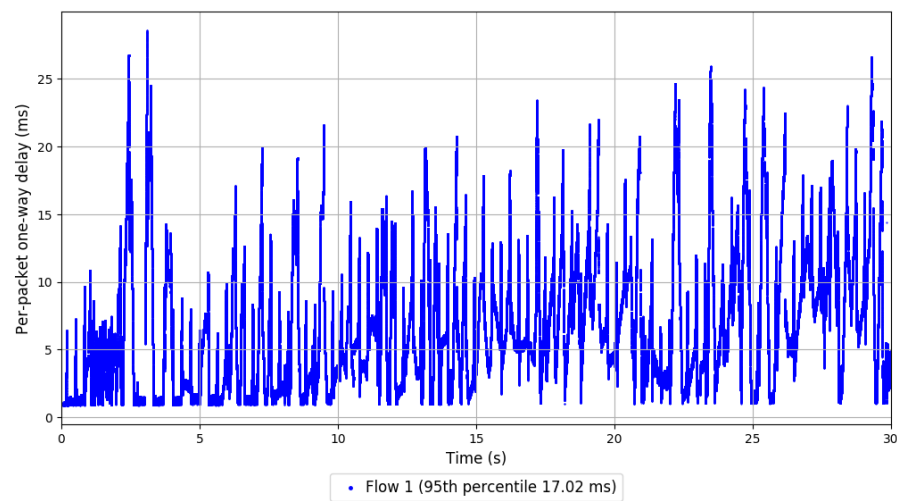
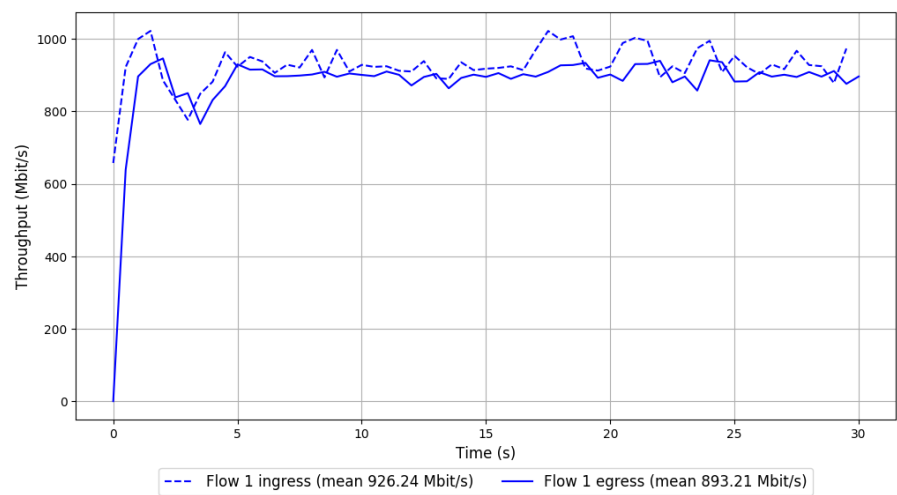


Run 1: Statistics of FillP

Start at: 2019-02-11 11:59:48
End at: 2019-02-11 12:00:18
Local clock offset: 8.918 ms
Remote clock offset: -4.035 ms

Below is generated by plot.py at 2019-02-11 14:49:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 893.21 Mbit/s
95th percentile per-packet one-way delay: 17.016 ms
Loss rate: 3.56%
-- Flow 1:
Average throughput: 893.21 Mbit/s
95th percentile per-packet one-way delay: 17.016 ms
Loss rate: 3.56%

Run 1: Report of FillP — Data Link

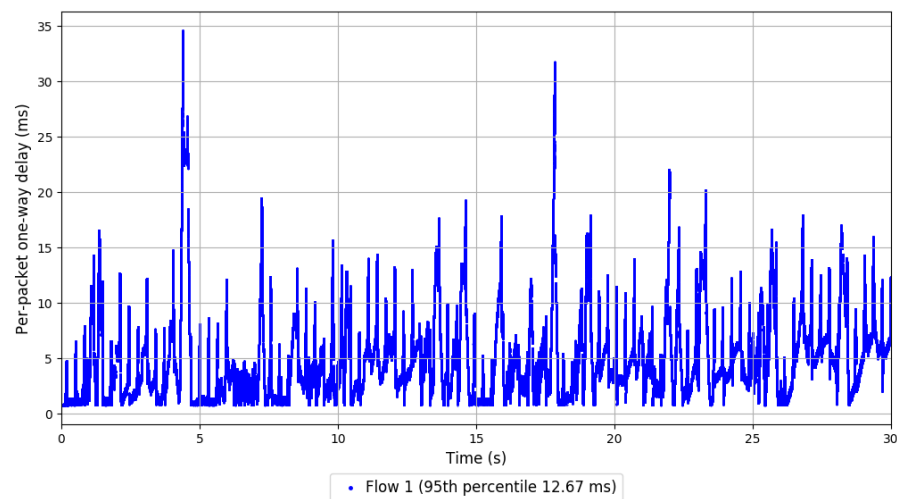
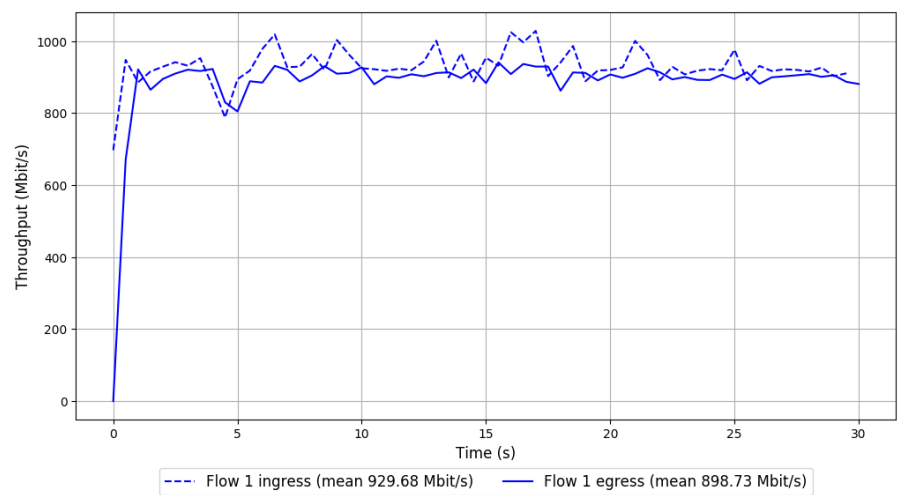


Run 2: Statistics of FillP

Start at: 2019-02-11 12:28:46
End at: 2019-02-11 12:29:16
Local clock offset: 2.999 ms
Remote clock offset: -3.067 ms

Below is generated by plot.py at 2019-02-11 14:49:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 898.73 Mbit/s
95th percentile per-packet one-way delay: 12.672 ms
Loss rate: 3.33%
-- Flow 1:
Average throughput: 898.73 Mbit/s
95th percentile per-packet one-way delay: 12.672 ms
Loss rate: 3.33%

Run 2: Report of FillP — Data Link

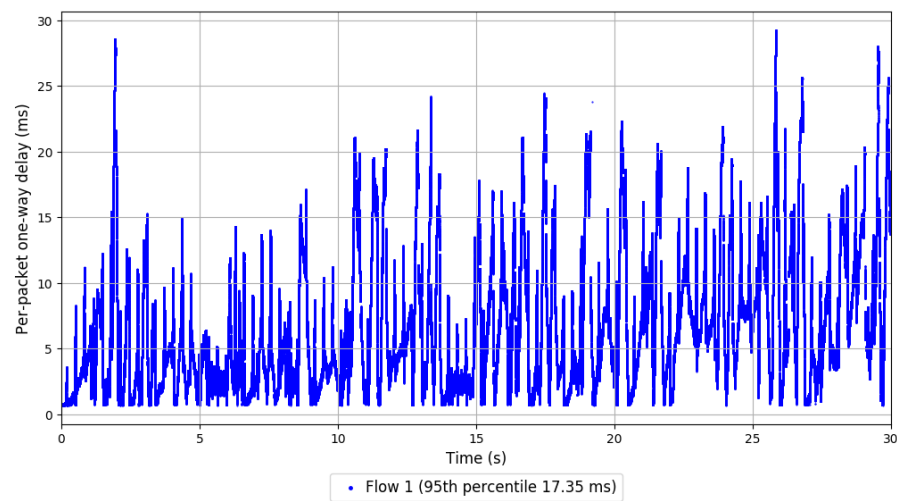
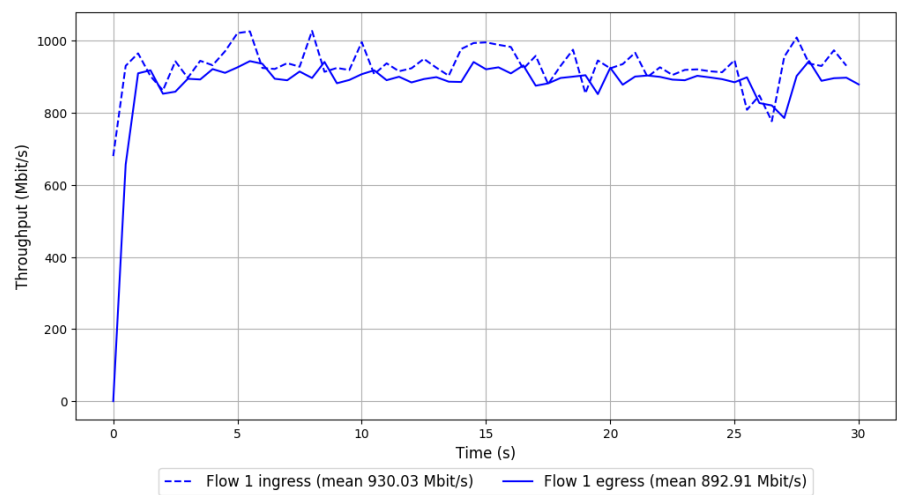


Run 3: Statistics of FillP

Start at: 2019-02-11 12:57:55
End at: 2019-02-11 12:58:25
Local clock offset: 1.547 ms
Remote clock offset: -2.852 ms

Below is generated by plot.py at 2019-02-11 14:49:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 892.91 Mbit/s
95th percentile per-packet one-way delay: 17.354 ms
Loss rate: 3.99%
-- Flow 1:
Average throughput: 892.91 Mbit/s
95th percentile per-packet one-way delay: 17.354 ms
Loss rate: 3.99%

Run 3: Report of FillP — Data Link

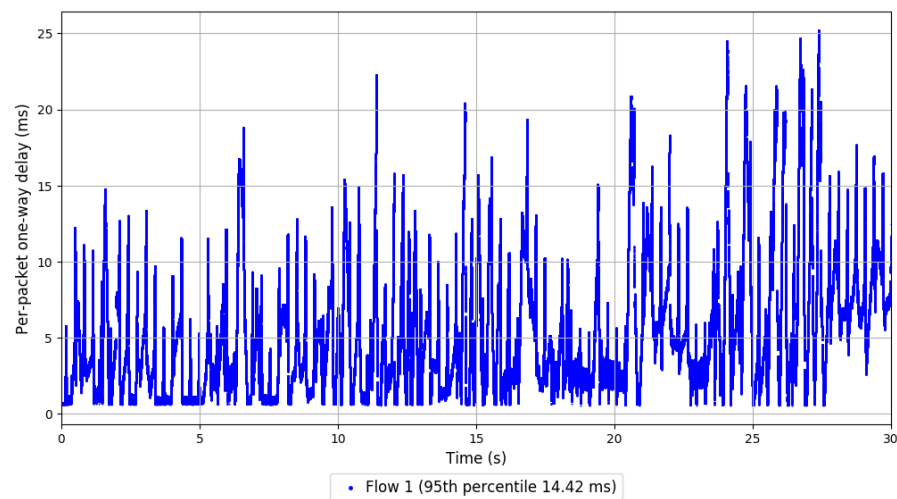
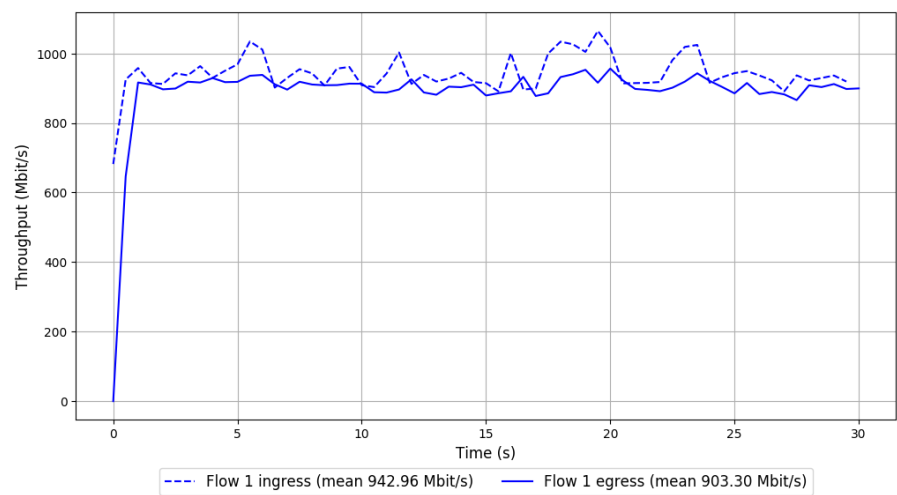


Run 4: Statistics of FillP

Start at: 2019-02-11 13:27:02
End at: 2019-02-11 13:27:32
Local clock offset: -2.882 ms
Remote clock offset: -0.707 ms

Below is generated by plot.py at 2019-02-11 14:50:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 903.30 Mbit/s
95th percentile per-packet one-way delay: 14.417 ms
Loss rate: 4.20%
-- Flow 1:
Average throughput: 903.30 Mbit/s
95th percentile per-packet one-way delay: 14.417 ms
Loss rate: 4.20%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2019-02-11 13:56:03

End at: 2019-02-11 13:56:33

Local clock offset: 0.575 ms

Remote clock offset: 1.119 ms

Below is generated by plot.py at 2019-02-11 14:50:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 887.59 Mbit/s

95th percentile per-packet one-way delay: 11.520 ms

Loss rate: 3.16%

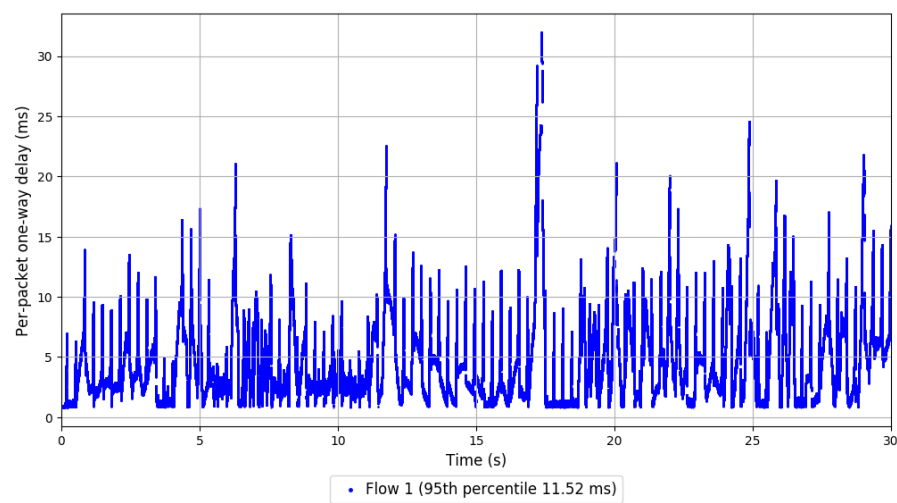
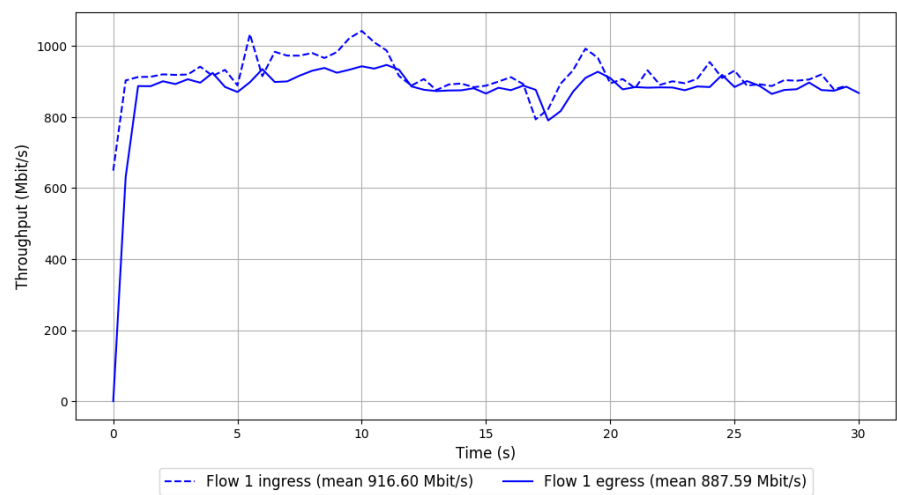
-- Flow 1:

Average throughput: 887.59 Mbit/s

95th percentile per-packet one-way delay: 11.520 ms

Loss rate: 3.16%

Run 5: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2019-02-11 12:25:32

End at: 2019-02-11 12:26:02

Local clock offset: 2.988 ms

Remote clock offset: -3.131 ms

Below is generated by plot.py at 2019-02-11 14:50:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 897.42 Mbit/s

95th percentile per-packet one-way delay: 7.071 ms

Loss rate: 2.68%

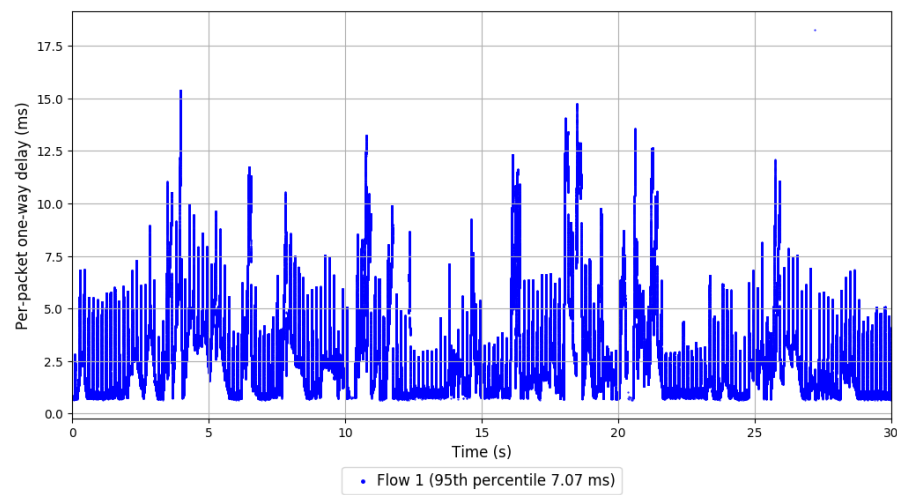
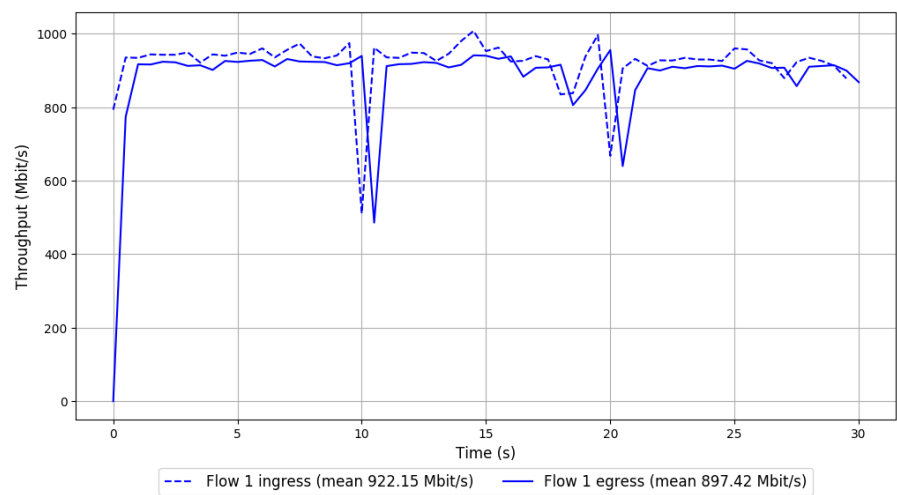
-- Flow 1:

Average throughput: 897.42 Mbit/s

95th percentile per-packet one-way delay: 7.071 ms

Loss rate: 2.68%

Run 1: Report of FillP-Sheep — Data Link

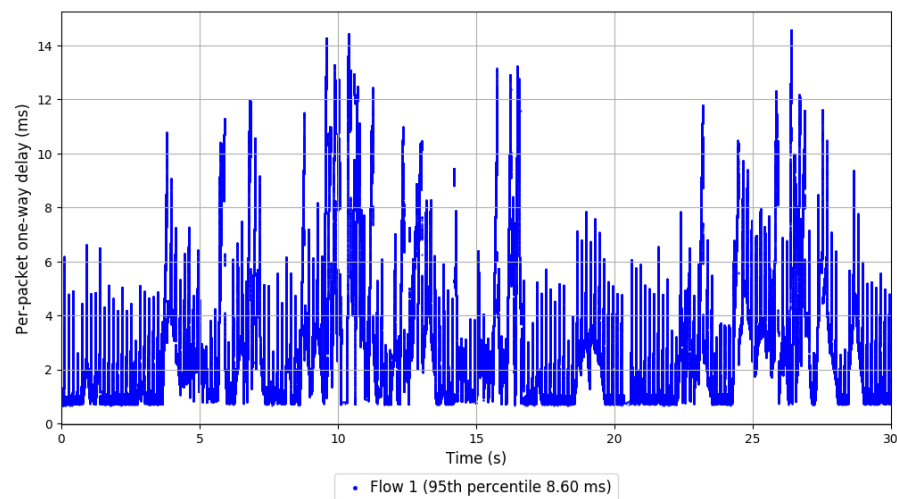
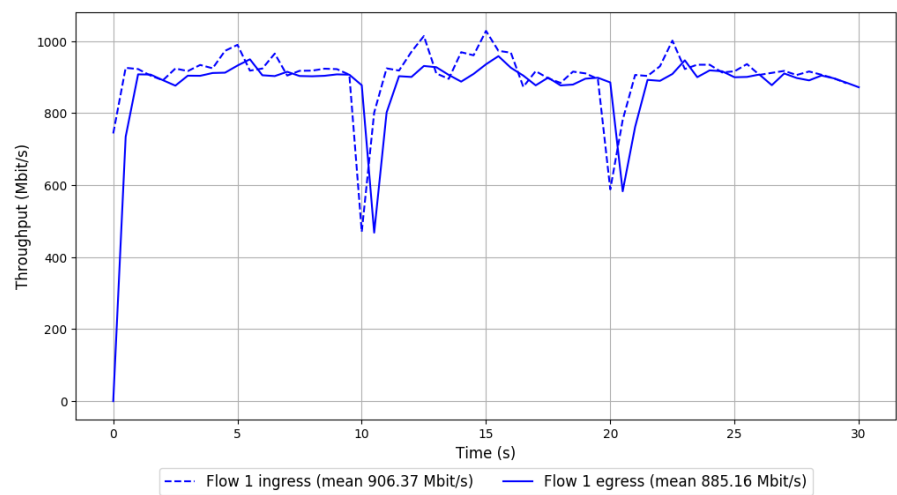


Run 2: Statistics of FillP-Sheep

Start at: 2019-02-11 12:54:41
End at: 2019-02-11 12:55:11
Local clock offset: 1.507 ms
Remote clock offset: -2.875 ms

Below is generated by plot.py at 2019-02-11 14:57:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 885.16 Mbit/s
95th percentile per-packet one-way delay: 8.596 ms
Loss rate: 2.34%
-- Flow 1:
Average throughput: 885.16 Mbit/s
95th percentile per-packet one-way delay: 8.596 ms
Loss rate: 2.34%

Run 2: Report of FillP-Sheep — Data Link

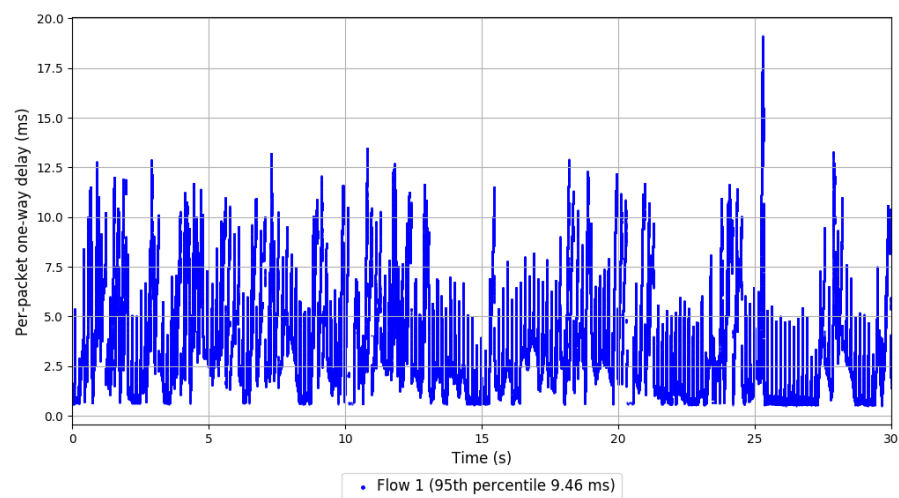
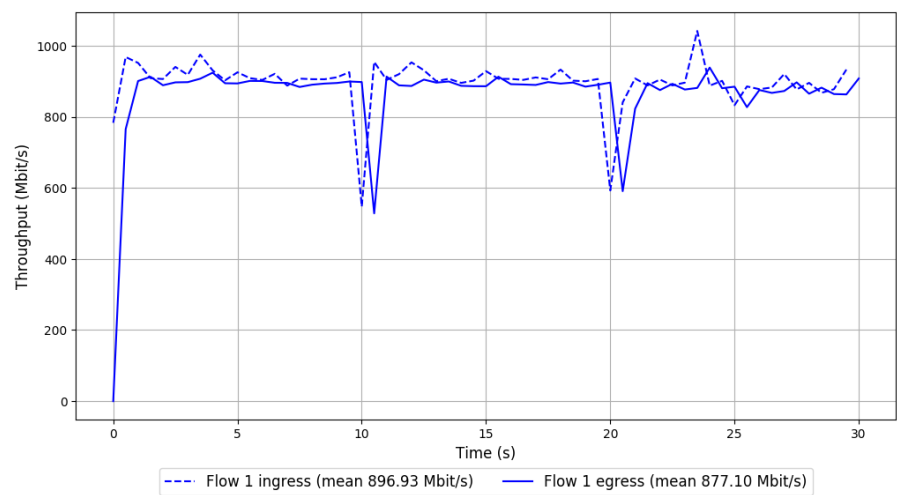


Run 3: Statistics of FillP-Sheep

Start at: 2019-02-11 13:23:46
End at: 2019-02-11 13:24:16
Local clock offset: -2.647 ms
Remote clock offset: -1.077 ms

Below is generated by plot.py at 2019-02-11 14:57:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 877.10 Mbit/s
95th percentile per-packet one-way delay: 9.463 ms
Loss rate: 2.21%
-- Flow 1:
Average throughput: 877.10 Mbit/s
95th percentile per-packet one-way delay: 9.463 ms
Loss rate: 2.21%

Run 3: Report of FillP-Sheep — Data Link



Run 4: Statistics of FillP-Sheep

Start at: 2019-02-11 13:52:49

End at: 2019-02-11 13:53:19

Local clock offset: 0.365 ms

Remote clock offset: 0.917 ms

Below is generated by plot.py at 2019-02-11 15:01:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 885.22 Mbit/s

95th percentile per-packet one-way delay: 8.734 ms

Loss rate: 2.04%

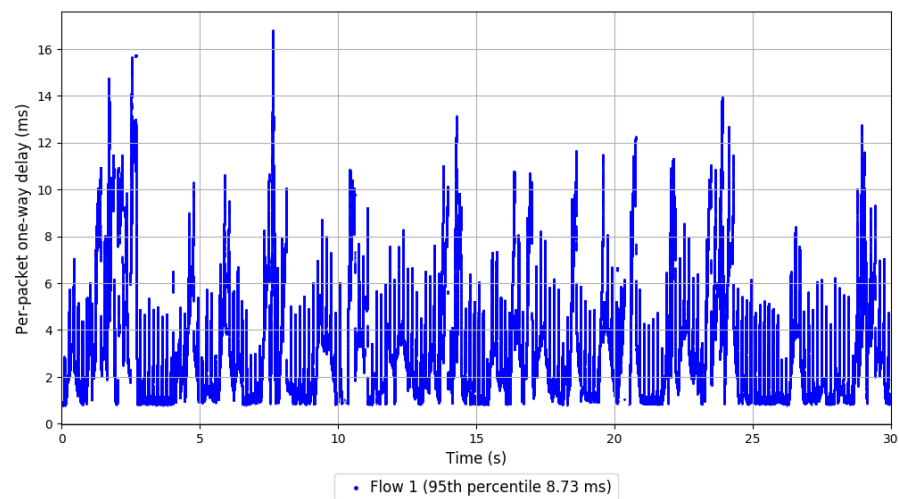
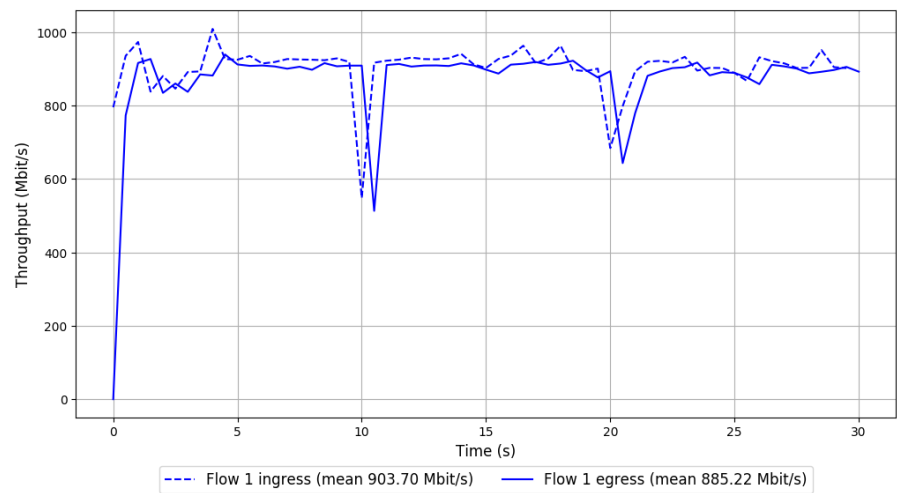
-- Flow 1:

Average throughput: 885.22 Mbit/s

95th percentile per-packet one-way delay: 8.734 ms

Loss rate: 2.04%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2019-02-11 14:21:39

End at: 2019-02-11 14:22:09

Local clock offset: 0.554 ms

Remote clock offset: 2.349 ms

Below is generated by plot.py at 2019-02-11 15:02:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 889.56 Mbit/s

95th percentile per-packet one-way delay: 9.033 ms

Loss rate: 2.24%

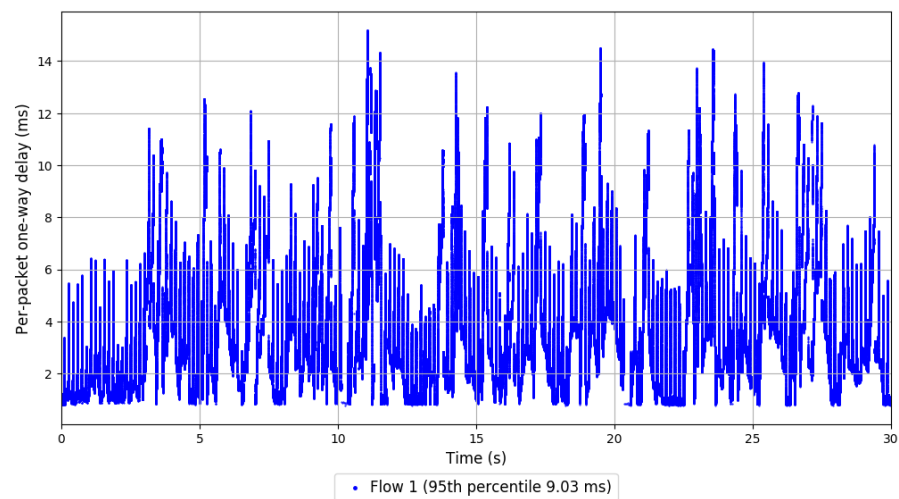
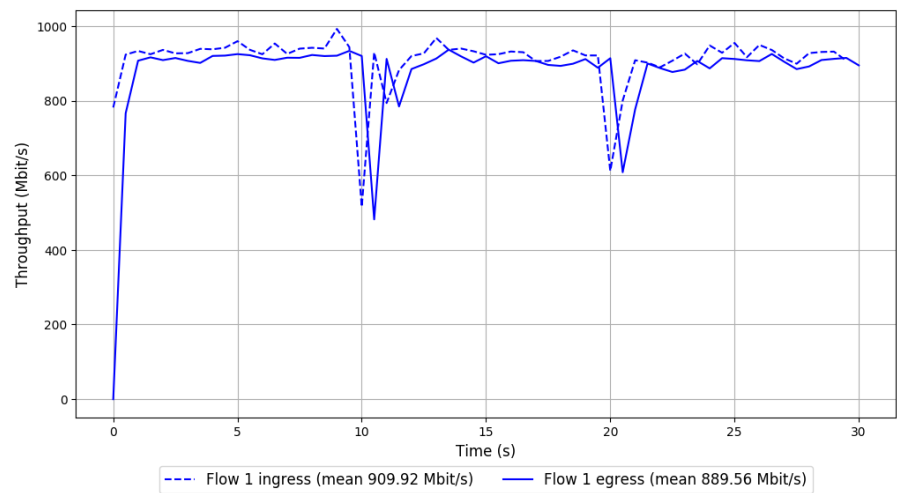
-- Flow 1:

Average throughput: 889.56 Mbit/s

95th percentile per-packet one-way delay: 9.033 ms

Loss rate: 2.24%

Run 5: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

Start at: 2019-02-11 12:07:45

End at: 2019-02-11 12:08:15

Local clock offset: 7.252 ms

Remote clock offset: -4.201 ms

Below is generated by plot.py at 2019-02-11 15:02:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 238.11 Mbit/s

95th percentile per-packet one-way delay: 0.645 ms

Loss rate: 0.00%

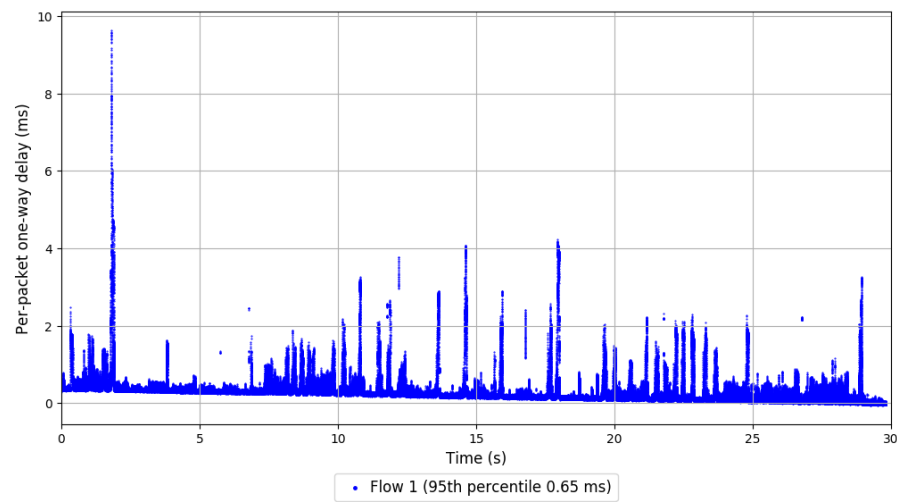
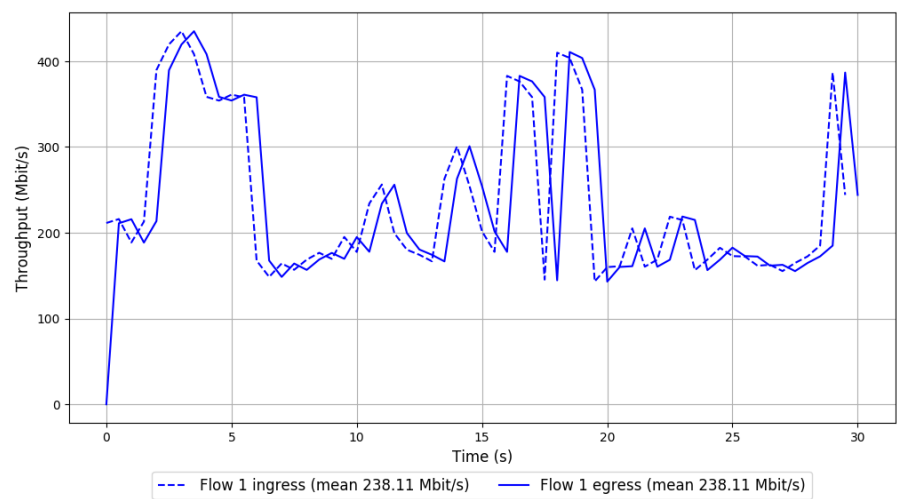
-- Flow 1:

Average throughput: 238.11 Mbit/s

95th percentile per-packet one-way delay: 0.645 ms

Loss rate: 0.00%

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2019-02-11 12:36:53

End at: 2019-02-11 12:37:23

Local clock offset: 2.621 ms

Remote clock offset: -3.01 ms

Below is generated by plot.py at 2019-02-11 15:02:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 214.46 Mbit/s

95th percentile per-packet one-way delay: 1.086 ms

Loss rate: 0.00%

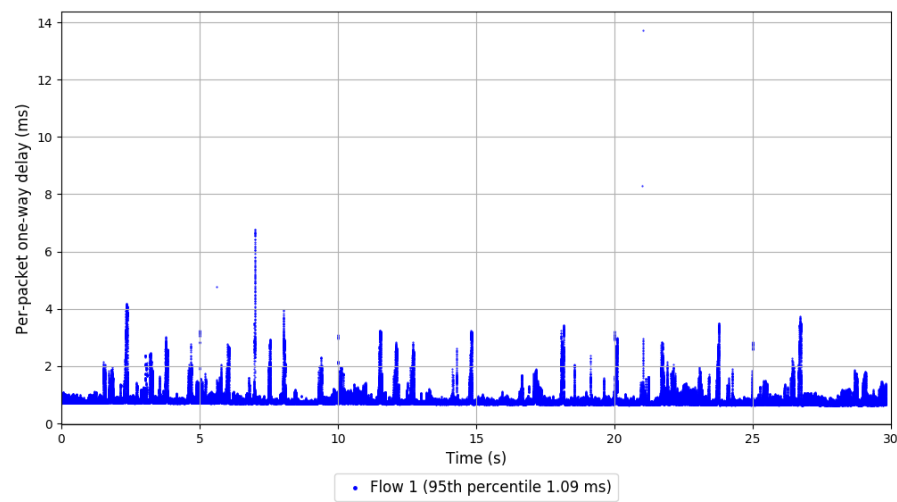
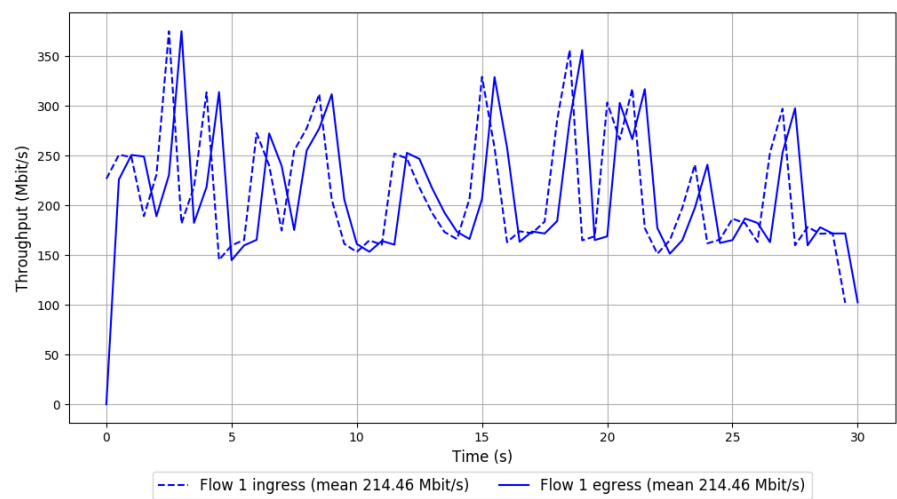
-- Flow 1:

Average throughput: 214.46 Mbit/s

95th percentile per-packet one-way delay: 1.086 ms

Loss rate: 0.00%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2019-02-11 13:05:50

End at: 2019-02-11 13:06:20

Local clock offset: 1.146 ms

Remote clock offset: -2.802 ms

Below is generated by plot.py at 2019-02-11 15:02:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 237.62 Mbit/s

95th percentile per-packet one-way delay: 0.654 ms

Loss rate: 0.00%

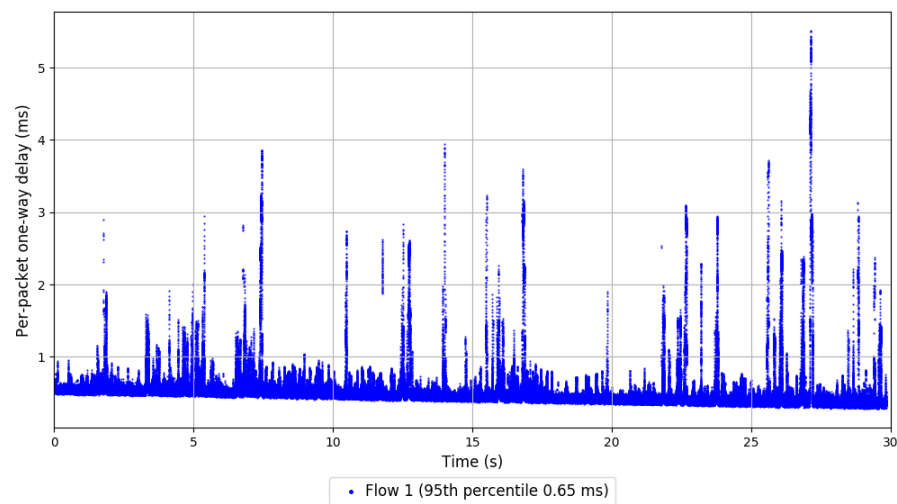
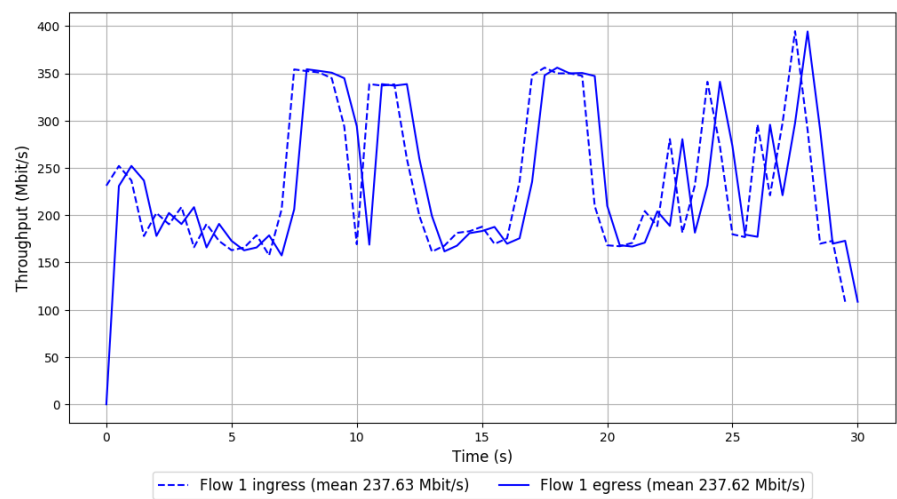
-- Flow 1:

Average throughput: 237.62 Mbit/s

95th percentile per-packet one-way delay: 0.654 ms

Loss rate: 0.00%

Run 3: Report of Indigo — Data Link

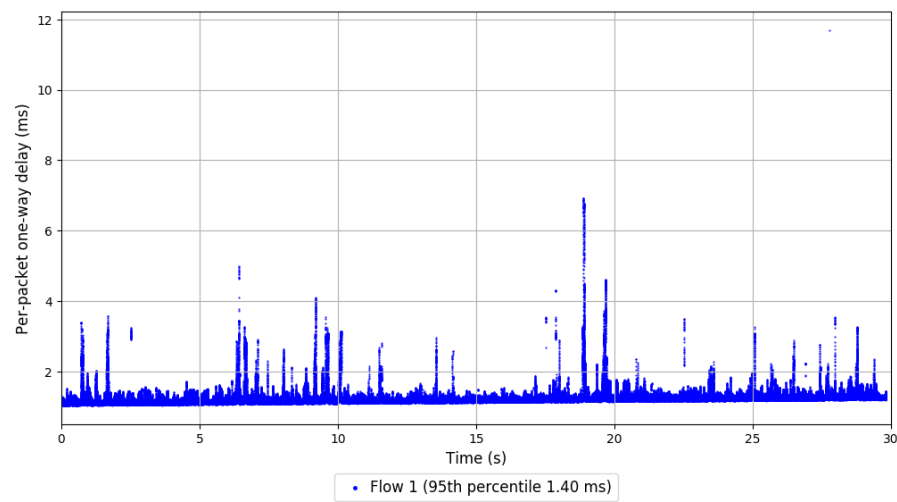
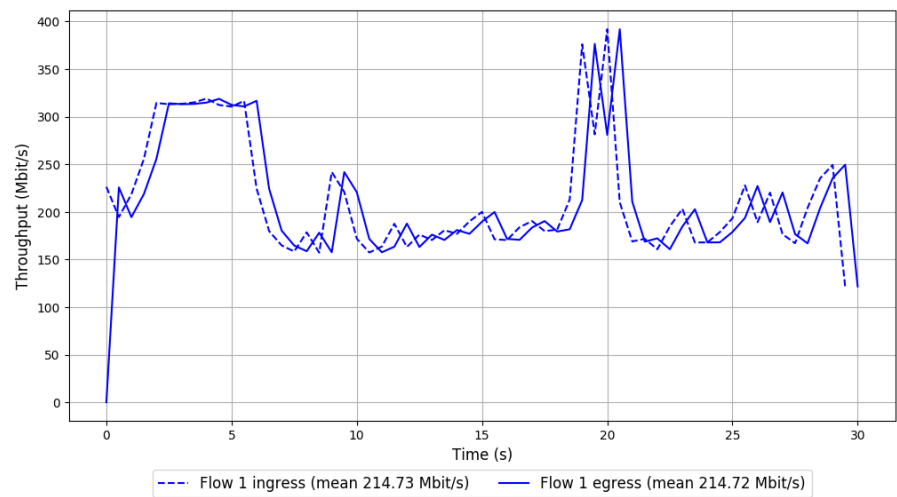


Run 4: Statistics of Indigo

Start at: 2019-02-11 13:34:59
End at: 2019-02-11 13:35:29
Local clock offset: -3.053 ms
Remote clock offset: -0.025 ms

Below is generated by plot.py at 2019-02-11 15:02:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 214.72 Mbit/s
95th percentile per-packet one-way delay: 1.398 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 214.72 Mbit/s
95th percentile per-packet one-way delay: 1.398 ms
Loss rate: 0.00%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2019-02-11 14:03:56

End at: 2019-02-11 14:04:26

Local clock offset: 0.935 ms

Remote clock offset: 1.419 ms

Below is generated by plot.py at 2019-02-11 15:02:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 217.83 Mbit/s

95th percentile per-packet one-way delay: 1.122 ms

Loss rate: 0.00%

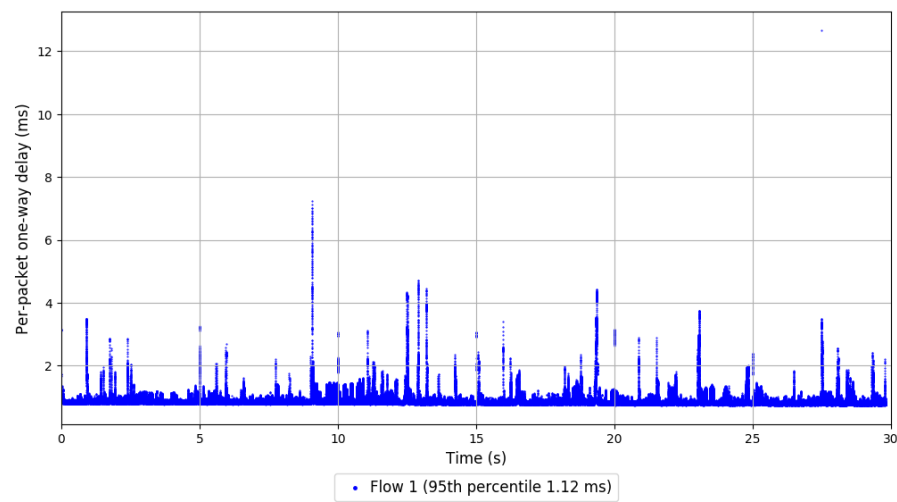
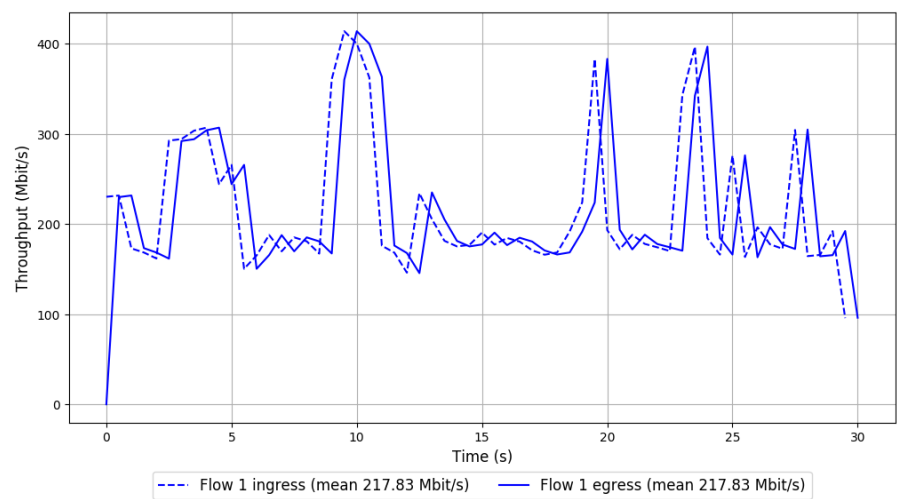
-- Flow 1:

Average throughput: 217.83 Mbit/s

95th percentile per-packet one-way delay: 1.122 ms

Loss rate: 0.00%

Run 5: Report of Indigo — Data Link

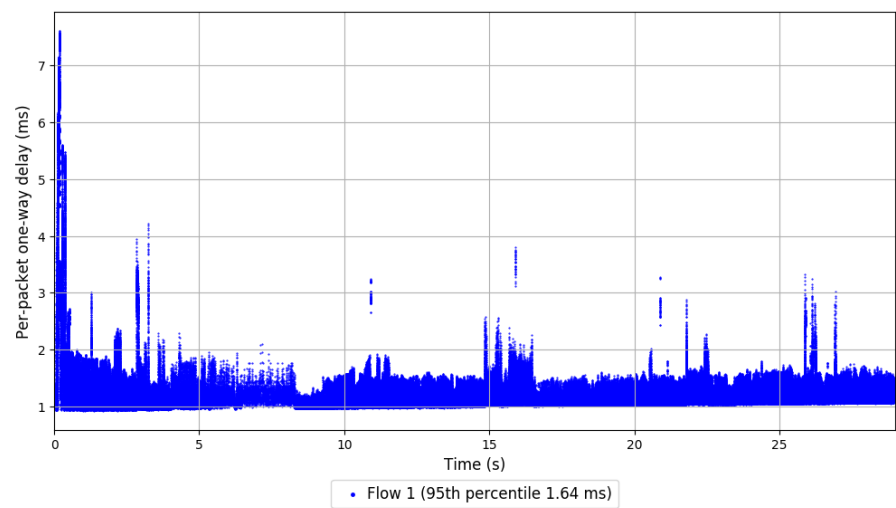
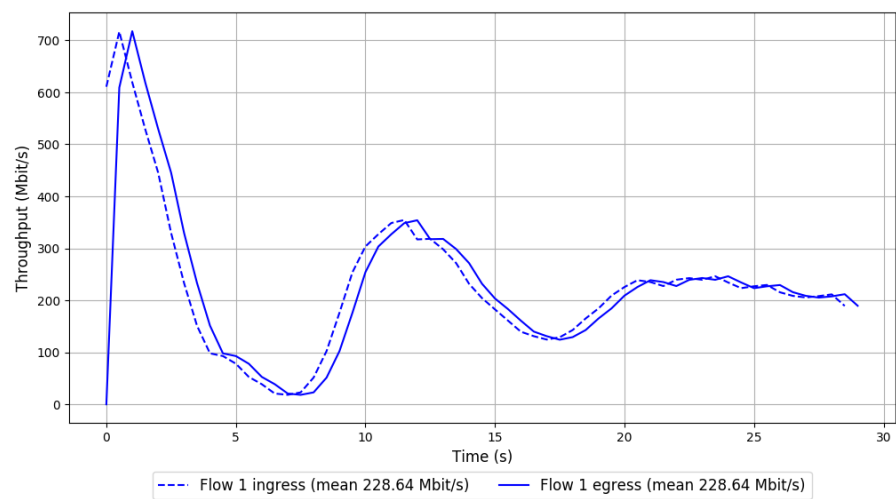


Run 1: Statistics of Indigo-MusesC3

Start at: 2019-02-11 12:02:41
End at: 2019-02-11 12:03:11
Local clock offset: 9.52 ms
Remote clock offset: -4.214 ms

Below is generated by plot.py at 2019-02-11 15:02:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 228.64 Mbit/s
95th percentile per-packet one-way delay: 1.639 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 228.64 Mbit/s
95th percentile per-packet one-way delay: 1.639 ms
Loss rate: 0.00%

Run 1: Report of Indigo-MusesC3 — Data Link

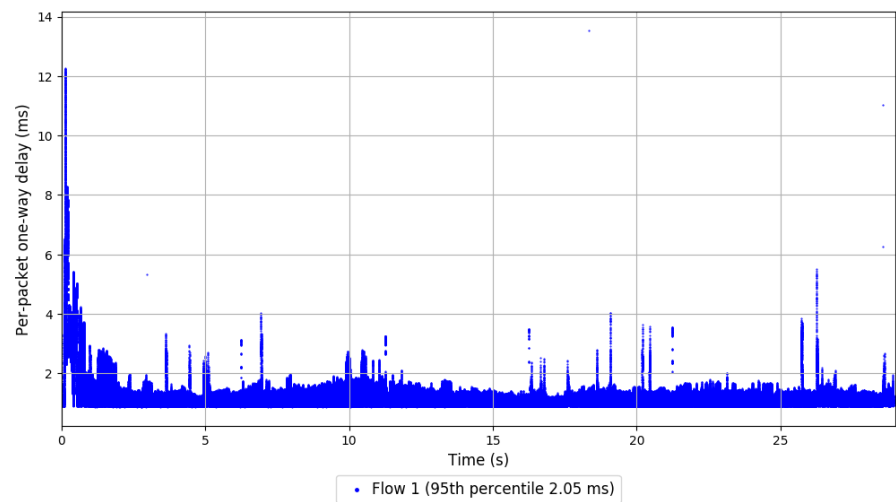
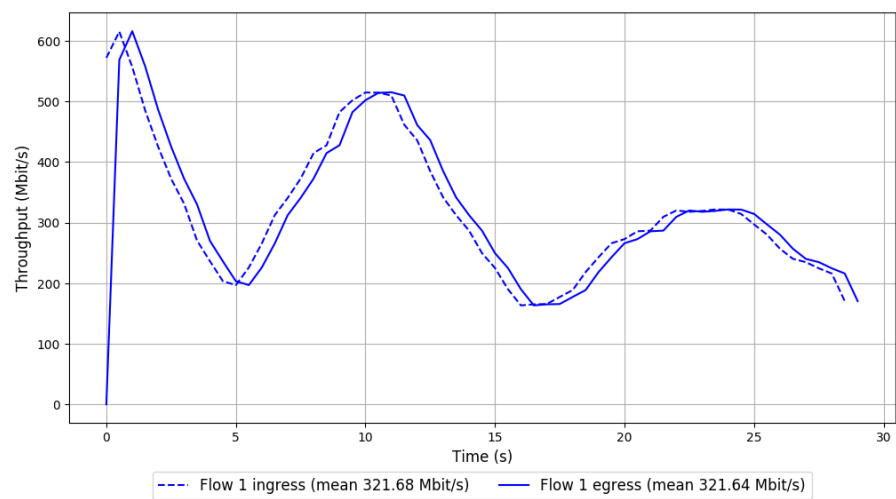


Run 2: Statistics of Indigo-MusesC3

Start at: 2019-02-11 12:31:39
End at: 2019-02-11 12:32:09
Local clock offset: 3.099 ms
Remote clock offset: -2.957 ms

Below is generated by plot.py at 2019-02-11 15:02:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 321.64 Mbit/s
95th percentile per-packet one-way delay: 2.048 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 321.64 Mbit/s
95th percentile per-packet one-way delay: 2.048 ms
Loss rate: 0.01%

Run 2: Report of Indigo-MusesC3 — Data Link

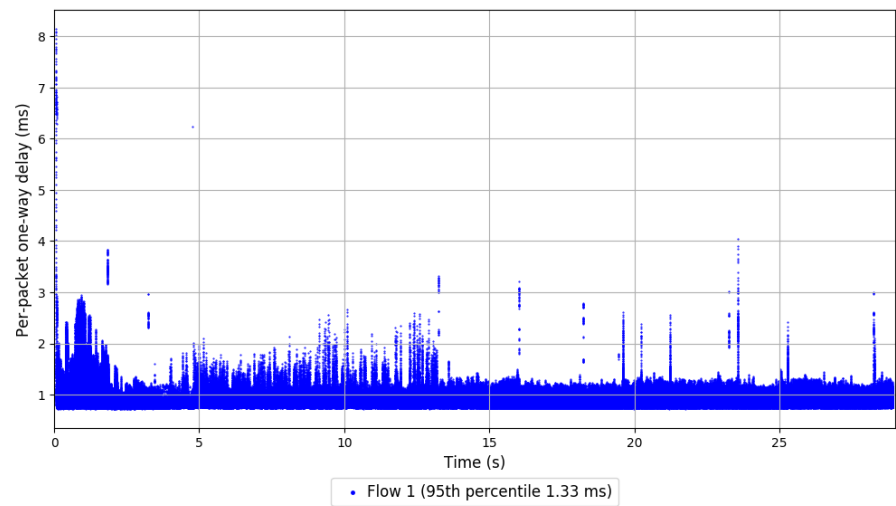
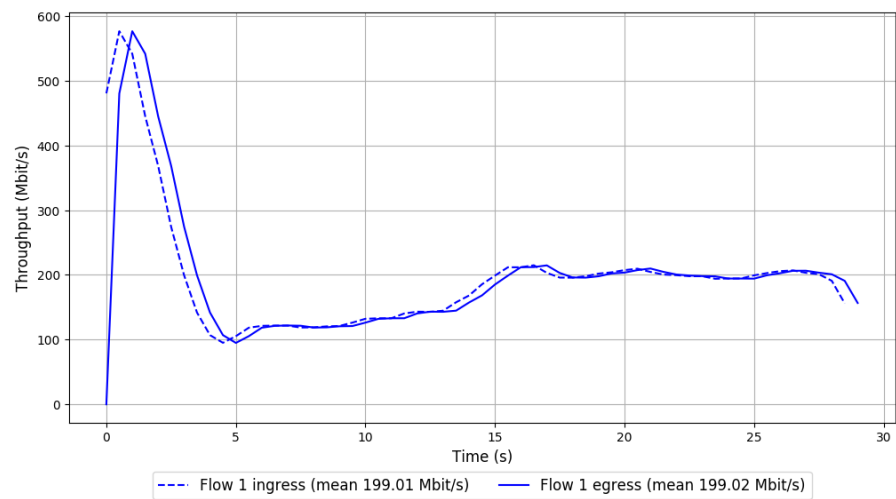


Run 3: Statistics of Indigo-MusesC3

Start at: 2019-02-11 13:00:48
End at: 2019-02-11 13:01:18
Local clock offset: 1.642 ms
Remote clock offset: -2.822 ms

Below is generated by plot.py at 2019-02-11 15:02:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 199.02 Mbit/s
95th percentile per-packet one-way delay: 1.329 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 199.02 Mbit/s
95th percentile per-packet one-way delay: 1.329 ms
Loss rate: 0.00%

Run 3: Report of Indigo-MusesC3 — Data Link

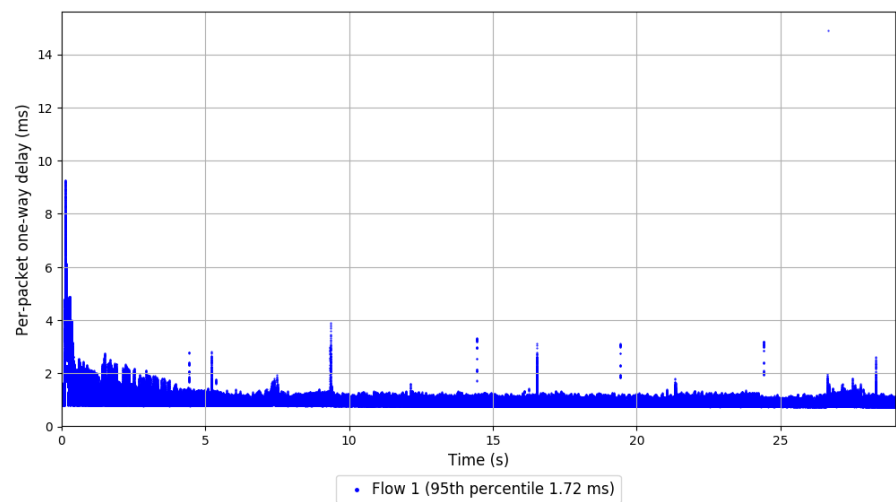
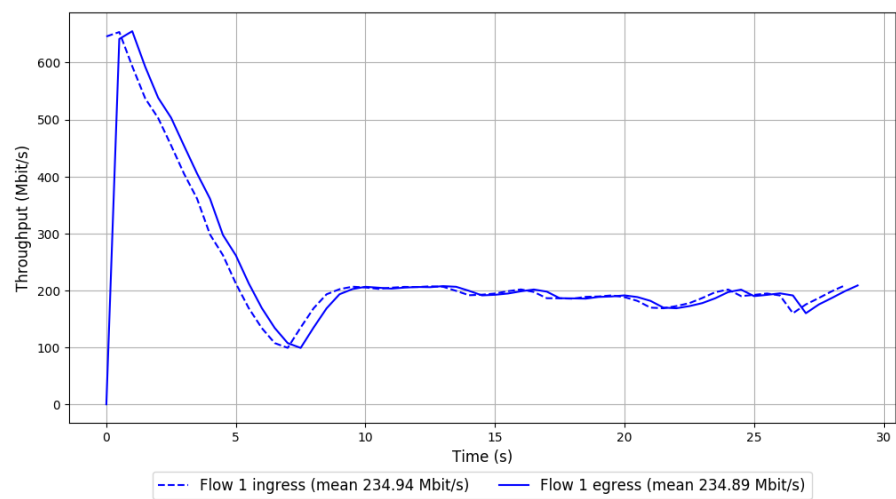


Run 4: Statistics of Indigo-MusesC3

Start at: 2019-02-11 13:29:55
End at: 2019-02-11 13:30:25
Local clock offset: -3.038 ms
Remote clock offset: -0.328 ms

Below is generated by plot.py at 2019-02-11 15:02:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 234.89 Mbit/s
95th percentile per-packet one-way delay: 1.717 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 234.89 Mbit/s
95th percentile per-packet one-way delay: 1.717 ms
Loss rate: 0.02%

Run 4: Report of Indigo-MusesC3 — Data Link



Run 5: Statistics of Indigo-MusesC3

Start at: 2019-02-11 13:58:55

End at: 2019-02-11 13:59:25

Local clock offset: 0.737 ms

Remote clock offset: 1.156 ms

Below is generated by plot.py at 2019-02-11 15:02:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 175.03 Mbit/s

95th percentile per-packet one-way delay: 1.266 ms

Loss rate: 0.01%

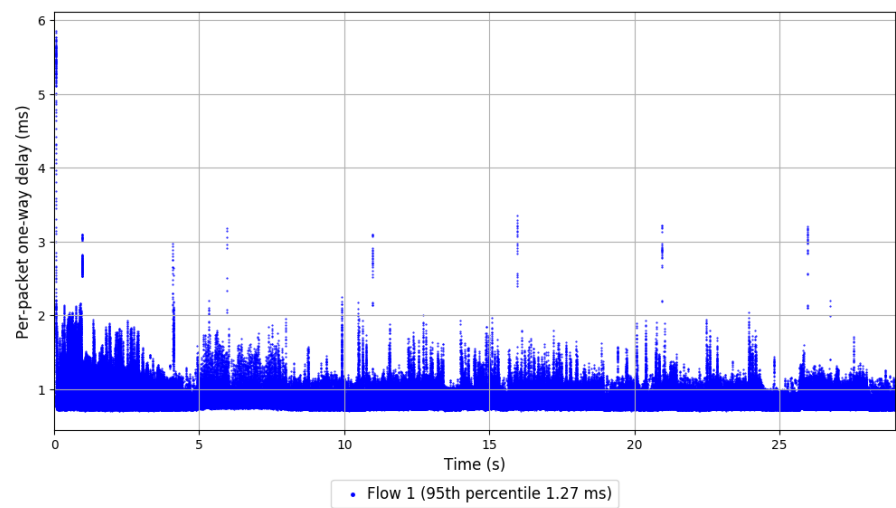
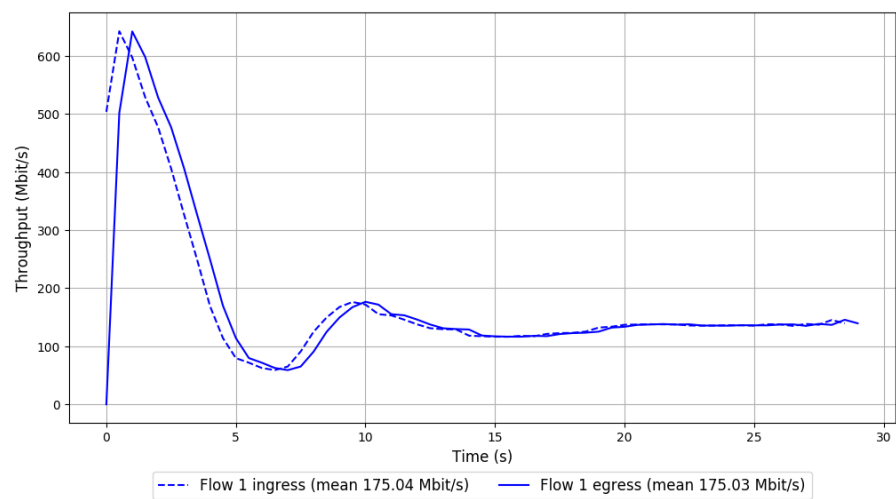
-- Flow 1:

Average throughput: 175.03 Mbit/s

95th percentile per-packet one-way delay: 1.266 ms

Loss rate: 0.01%

Run 5: Report of Indigo-MusesC3 — Data Link

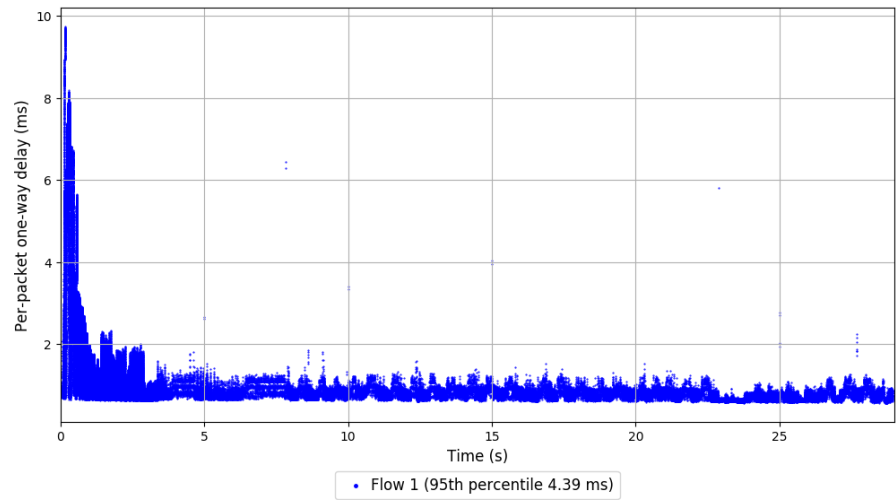
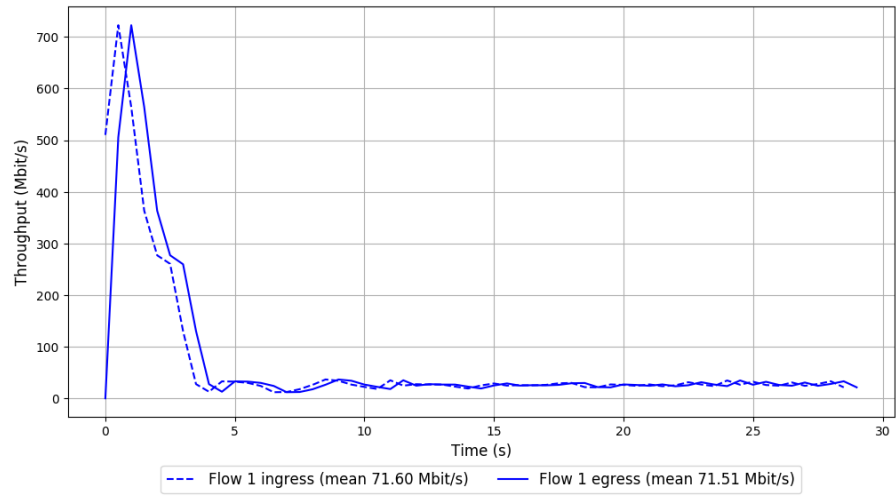


Run 1: Statistics of Indigo-MusesC5

Start at: 2019-02-11 12:17:26
End at: 2019-02-11 12:17:56
Local clock offset: 3.571 ms
Remote clock offset: -3.324 ms

Below is generated by plot.py at 2019-02-11 15:02:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 71.51 Mbit/s
95th percentile per-packet one-way delay: 4.386 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 71.51 Mbit/s
95th percentile per-packet one-way delay: 4.386 ms
Loss rate: 0.12%

Run 1: Report of Indigo-MusesC5 — Data Link

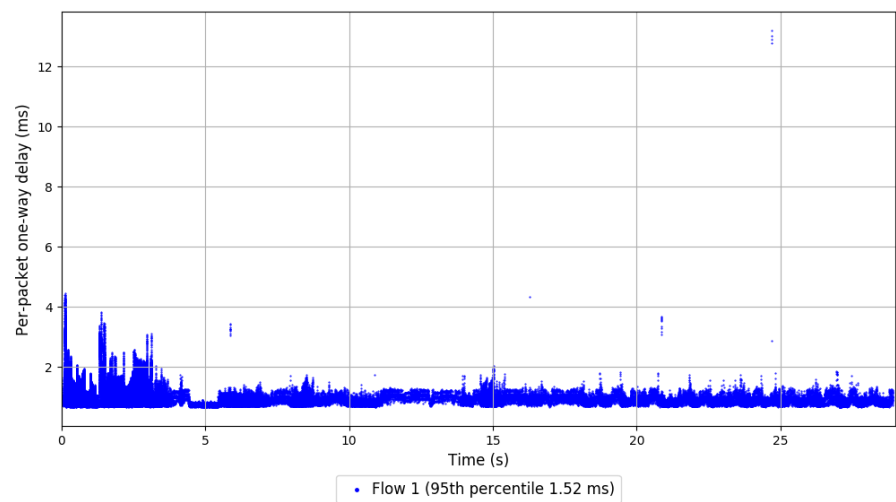
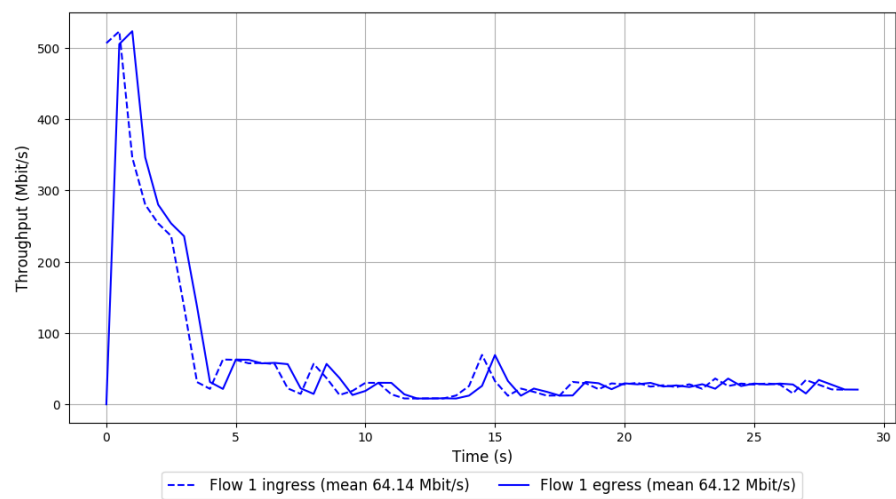


Run 2: Statistics of Indigo-MusesC5

Start at: 2019-02-11 12:46:45
End at: 2019-02-11 12:47:15
Local clock offset: 1.568 ms
Remote clock offset: -2.925 ms

Below is generated by plot.py at 2019-02-11 15:02:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 64.12 Mbit/s
95th percentile per-packet one-way delay: 1.517 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 64.12 Mbit/s
95th percentile per-packet one-way delay: 1.517 ms
Loss rate: 0.03%

Run 2: Report of Indigo-MusesC5 — Data Link

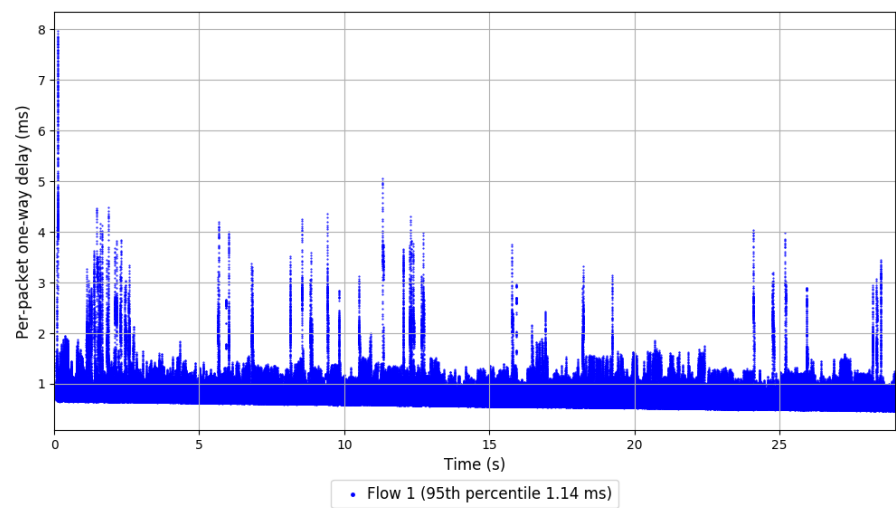
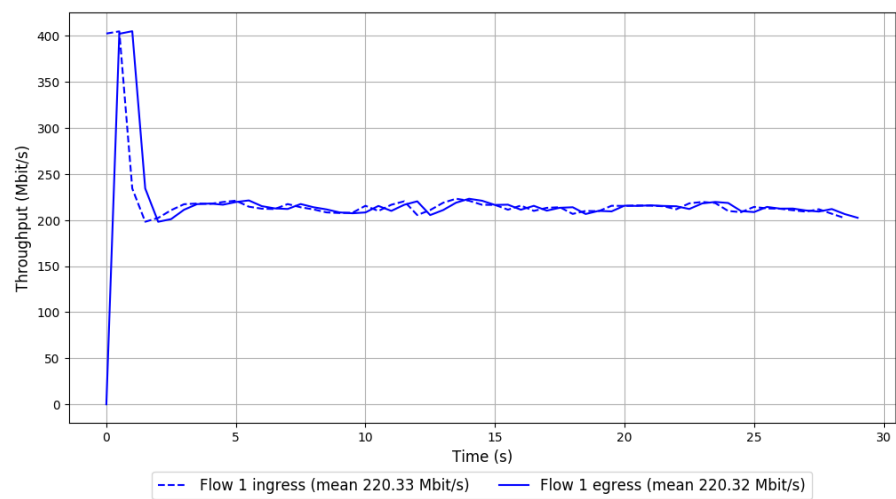


Run 3: Statistics of Indigo-MusesC5

Start at: 2019-02-11 13:15:36
End at: 2019-02-11 13:16:06
Local clock offset: -1.707 ms
Remote clock offset: -2.438 ms

Below is generated by plot.py at 2019-02-11 15:02:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 220.32 Mbit/s
95th percentile per-packet one-way delay: 1.135 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 220.32 Mbit/s
95th percentile per-packet one-way delay: 1.135 ms
Loss rate: 0.00%

Run 3: Report of Indigo-MusesC5 — Data Link



Run 4: Statistics of Indigo-MusesC5

Start at: 2019-02-11 13:44:47

End at: 2019-02-11 13:45:17

Local clock offset: -0.487 ms

Remote clock offset: 0.456 ms

Below is generated by plot.py at 2019-02-11 15:02:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.20 Mbit/s

95th percentile per-packet one-way delay: 3.146 ms

Loss rate: 0.00%

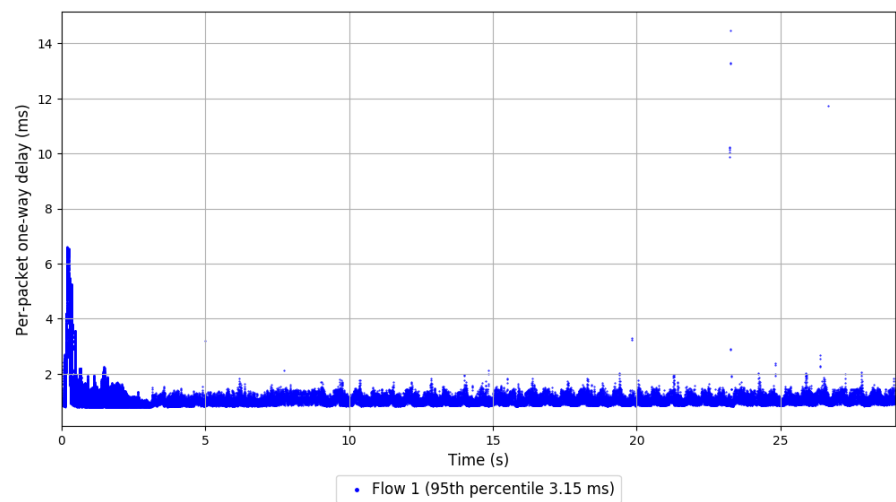
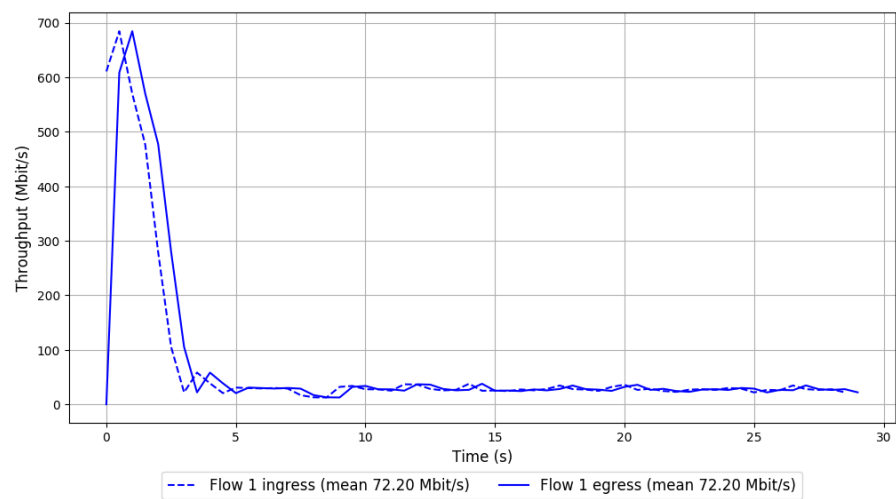
-- Flow 1:

Average throughput: 72.20 Mbit/s

95th percentile per-packet one-way delay: 3.146 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesC5 — Data Link



Run 5: Statistics of Indigo-MusesC5

Start at: 2019-02-11 14:13:38

End at: 2019-02-11 14:14:09

Local clock offset: 0.595 ms

Remote clock offset: 1.843 ms

Below is generated by plot.py at 2019-02-11 15:02:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 116.42 Mbit/s

95th percentile per-packet one-way delay: 1.212 ms

Loss rate: 0.00%

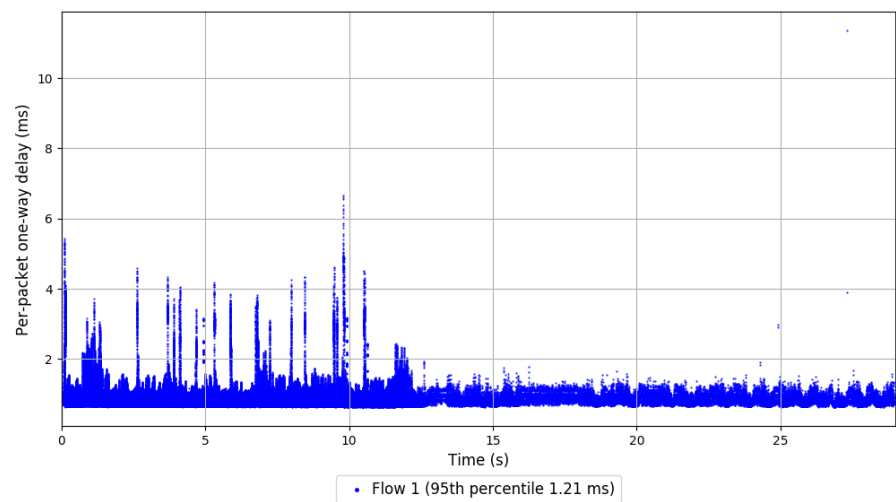
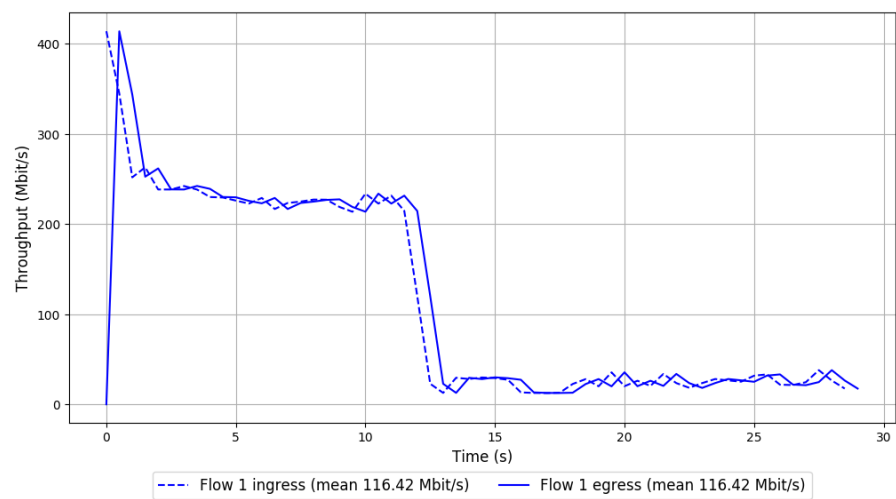
-- Flow 1:

Average throughput: 116.42 Mbit/s

95th percentile per-packet one-way delay: 1.212 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesC5 — Data Link

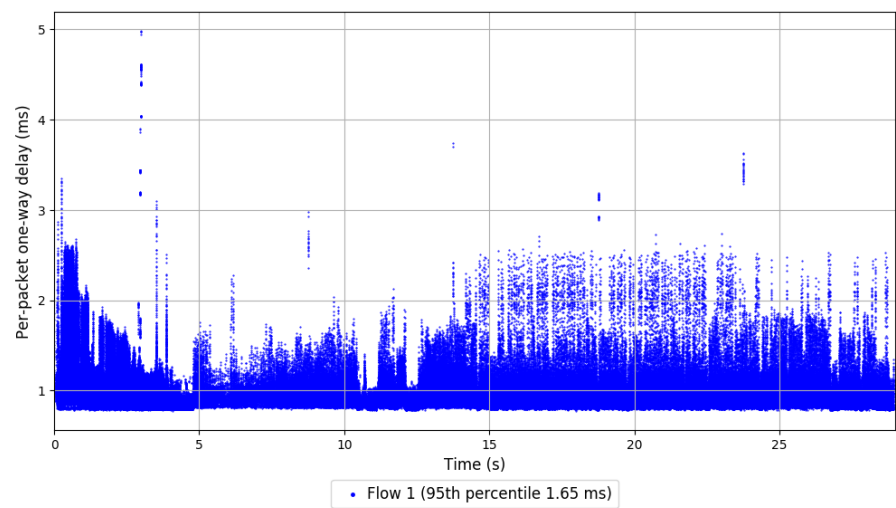
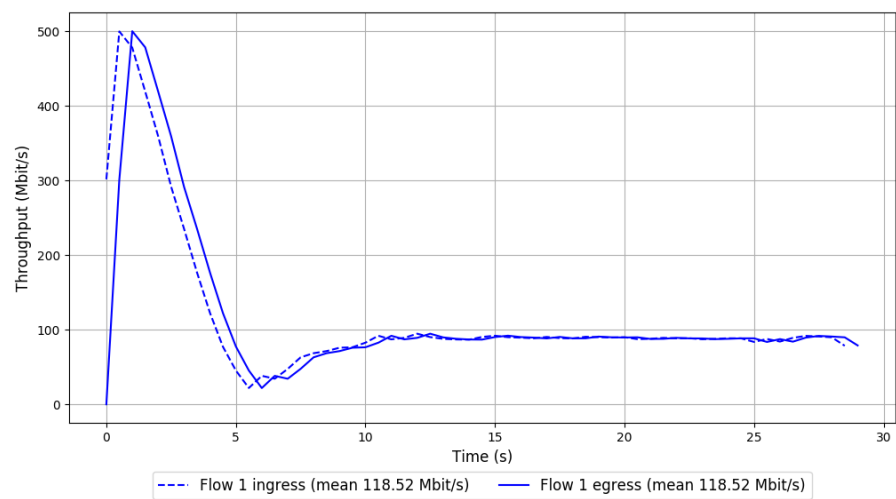


```
Run 1: Statistics of Indigo-MusesD

Start at: 2019-02-11 12:24:15
End at: 2019-02-11 12:24:45
Local clock offset: 3.0 ms
Remote clock offset: -3.068 ms

# Below is generated by plot.py at 2019-02-11 15:02:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 118.52 Mbit/s
95th percentile per-packet one-way delay: 1.647 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 118.52 Mbit/s
95th percentile per-packet one-way delay: 1.647 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo-MusesD — Data Link



Run 2: Statistics of Indigo-MusesD

Start at: 2019-02-11 12:53:24

End at: 2019-02-11 12:53:54

Local clock offset: 1.488 ms

Remote clock offset: -2.76 ms

Below is generated by plot.py at 2019-02-11 15:02:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 106.71 Mbit/s

95th percentile per-packet one-way delay: 1.470 ms

Loss rate: 0.00%

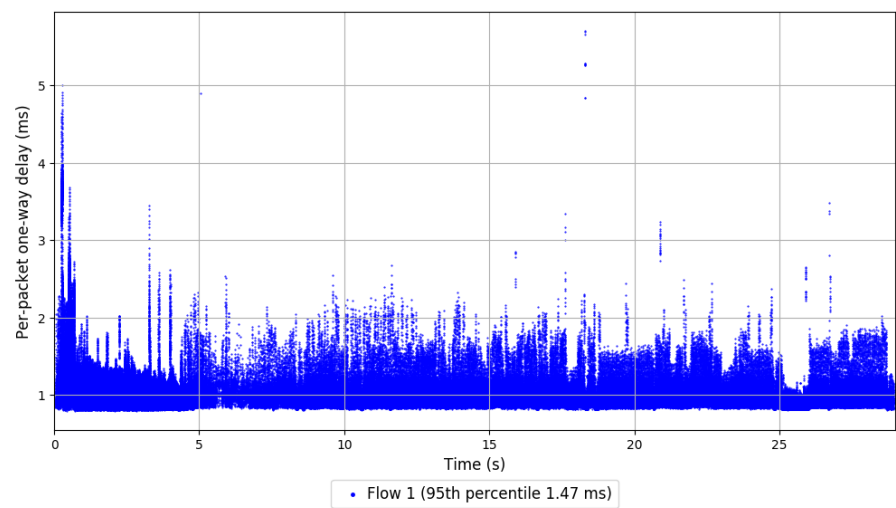
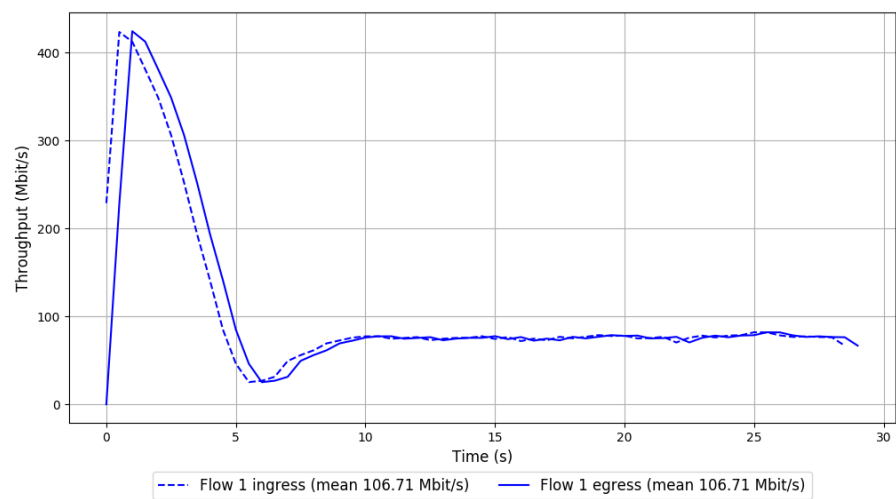
-- Flow 1:

Average throughput: 106.71 Mbit/s

95th percentile per-packet one-way delay: 1.470 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesD — Data Link



Run 3: Statistics of Indigo-MusesD

Start at: 2019-02-11 13:22:30

End at: 2019-02-11 13:23:00

Local clock offset: -2.539 ms

Remote clock offset: -1.15 ms

Below is generated by plot.py at 2019-02-11 15:02:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 102.60 Mbit/s

95th percentile per-packet one-way delay: 1.247 ms

Loss rate: 0.00%

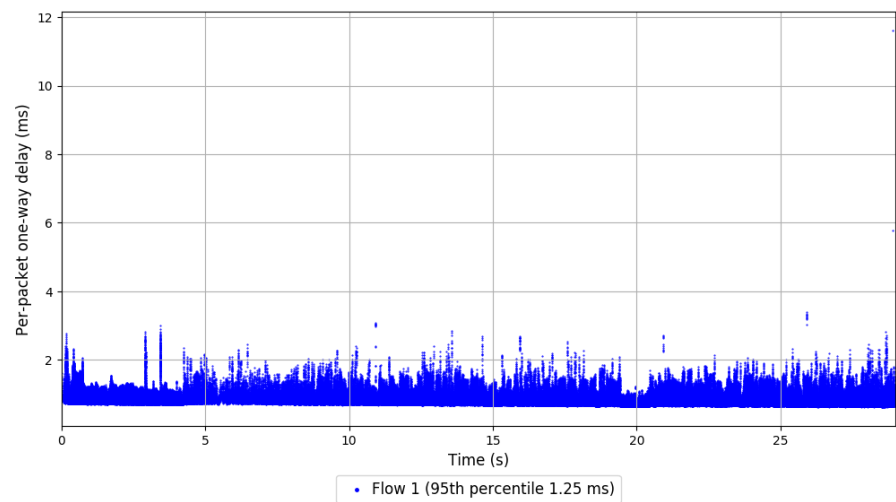
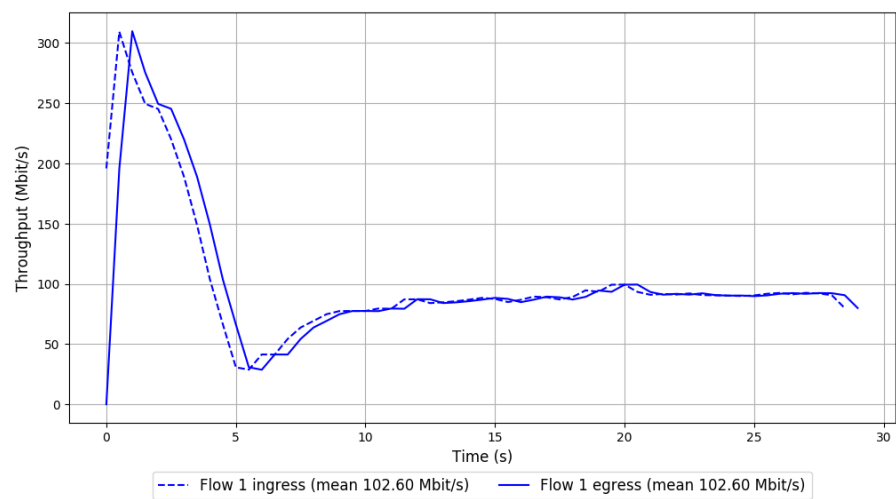
-- Flow 1:

Average throughput: 102.60 Mbit/s

95th percentile per-packet one-way delay: 1.247 ms

Loss rate: 0.00%

Run 3: Report of Indigo-MusesD — Data Link



Run 4: Statistics of Indigo-MusesD

Start at: 2019-02-11 13:51:33

End at: 2019-02-11 13:52:03

Local clock offset: 0.289 ms

Remote clock offset: 0.759 ms

Below is generated by plot.py at 2019-02-11 15:02:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.45 Mbit/s

95th percentile per-packet one-way delay: 1.376 ms

Loss rate: 0.00%

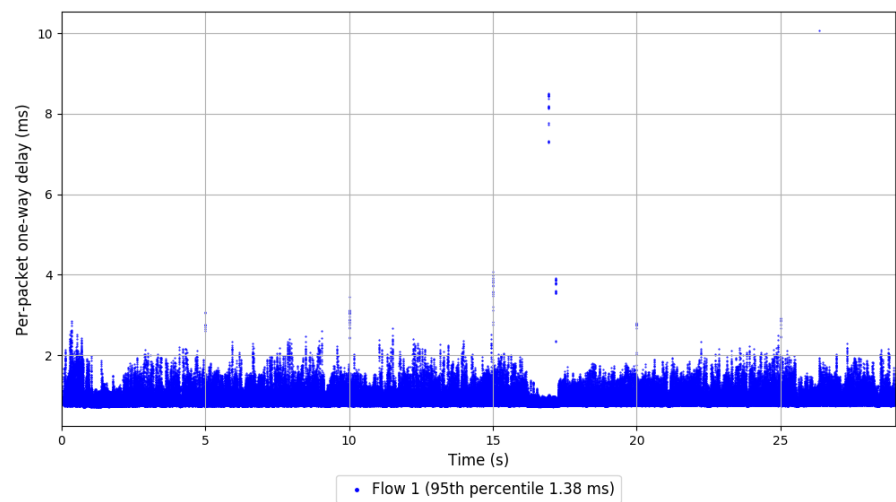
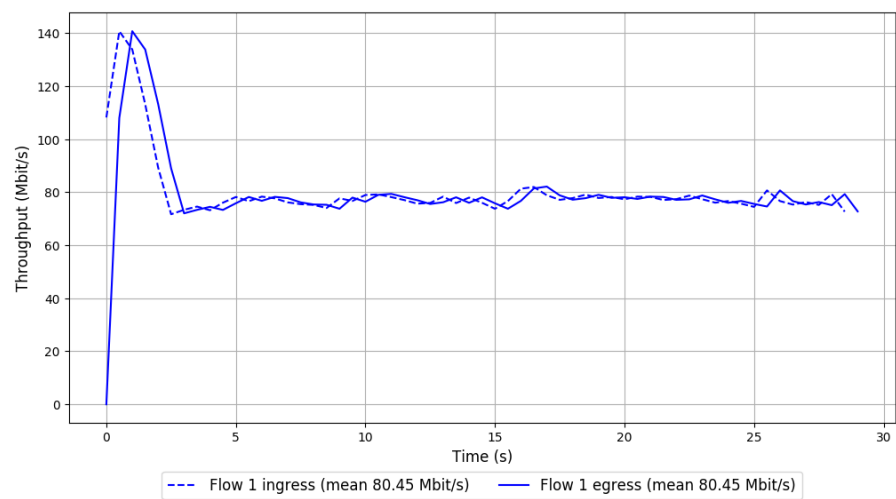
-- Flow 1:

Average throughput: 80.45 Mbit/s

95th percentile per-packet one-way delay: 1.376 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesD — Data Link



Run 5: Statistics of Indigo-MusesD

Start at: 2019-02-11 14:20:23

End at: 2019-02-11 14:20:53

Local clock offset: 0.554 ms

Remote clock offset: 2.286 ms

Below is generated by plot.py at 2019-02-11 15:02:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 103.38 Mbit/s

95th percentile per-packet one-way delay: 1.387 ms

Loss rate: 0.01%

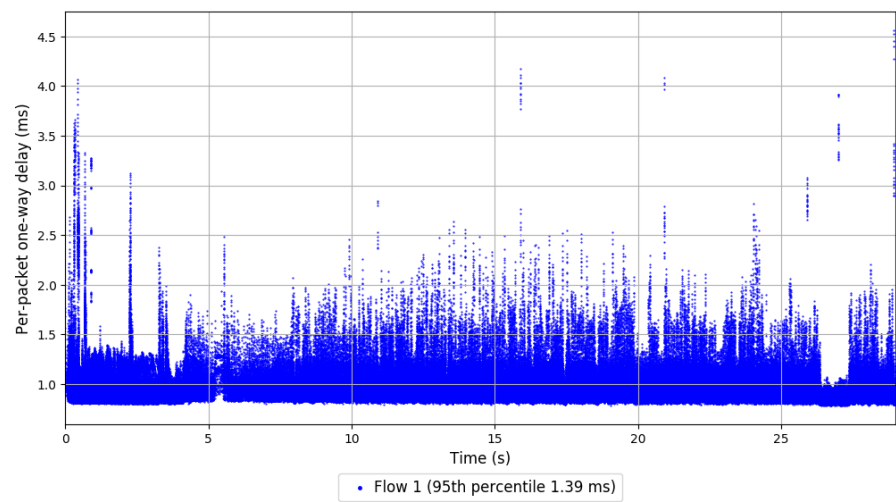
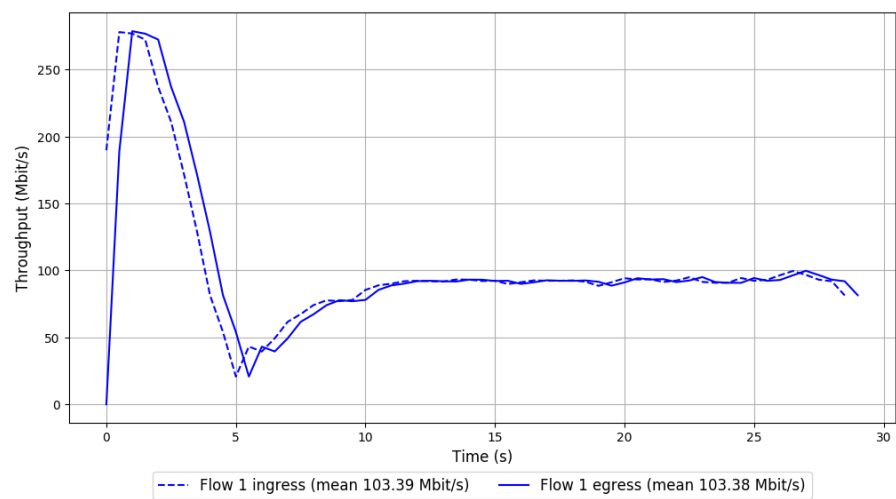
-- Flow 1:

Average throughput: 103.38 Mbit/s

95th percentile per-packet one-way delay: 1.387 ms

Loss rate: 0.01%

Run 5: Report of Indigo-MusesD — Data Link

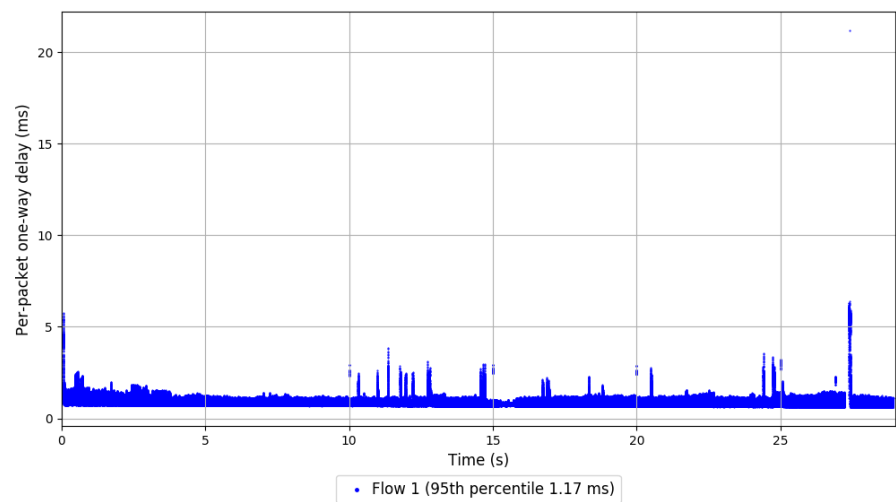
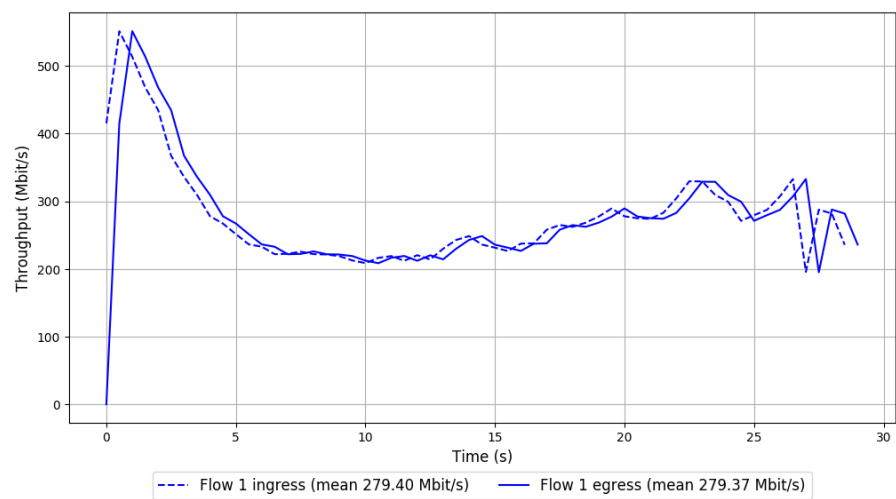


```
Run 1: Statistics of Indigo-MusesT

Start at: 2019-02-11 12:16:04
End at: 2019-02-11 12:16:35
Local clock offset: 3.815 ms
Remote clock offset: -3.268 ms

# Below is generated by plot.py at 2019-02-11 15:02:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 279.37 Mbit/s
95th percentile per-packet one-way delay: 1.167 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 279.37 Mbit/s
95th percentile per-packet one-way delay: 1.167 ms
Loss rate: 0.01%
```

Run 1: Report of Indigo-MusesT — Data Link



Run 2: Statistics of Indigo-MusesT

Start at: 2019-02-11 12:45:23

End at: 2019-02-11 12:45:53

Local clock offset: 1.62 ms

Remote clock offset: -2.895 ms

Below is generated by plot.py at 2019-02-11 15:02:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 277.97 Mbit/s

95th percentile per-packet one-way delay: 1.177 ms

Loss rate: 0.00%

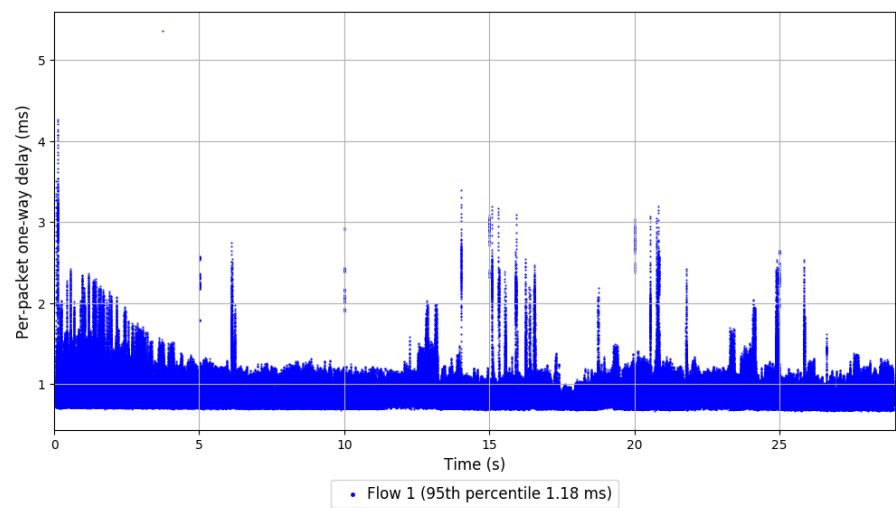
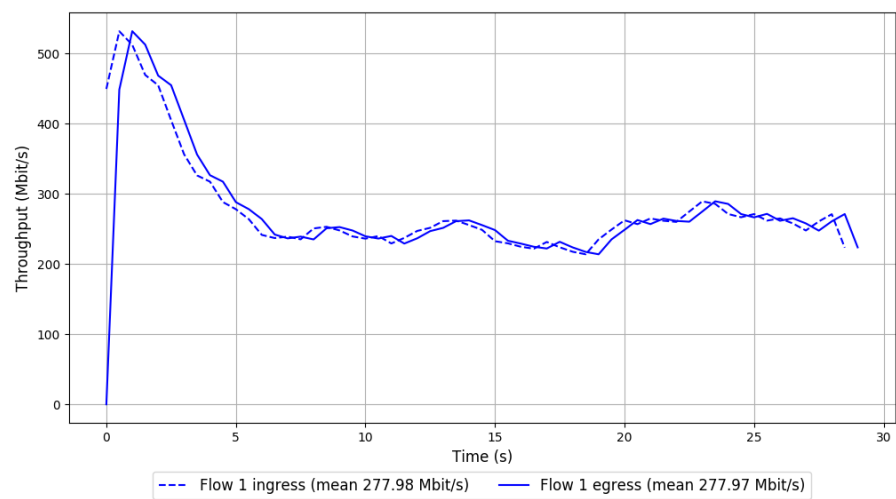
-- Flow 1:

Average throughput: 277.97 Mbit/s

95th percentile per-packet one-way delay: 1.177 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesT — Data Link



Run 3: Statistics of Indigo-MusesT

Start at: 2019-02-11 13:14:12

End at: 2019-02-11 13:14:42

Local clock offset: -1.425 ms

Remote clock offset: -2.783 ms

Below is generated by plot.py at 2019-02-11 15:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 330.07 Mbit/s

95th percentile per-packet one-way delay: 1.147 ms

Loss rate: 0.00%

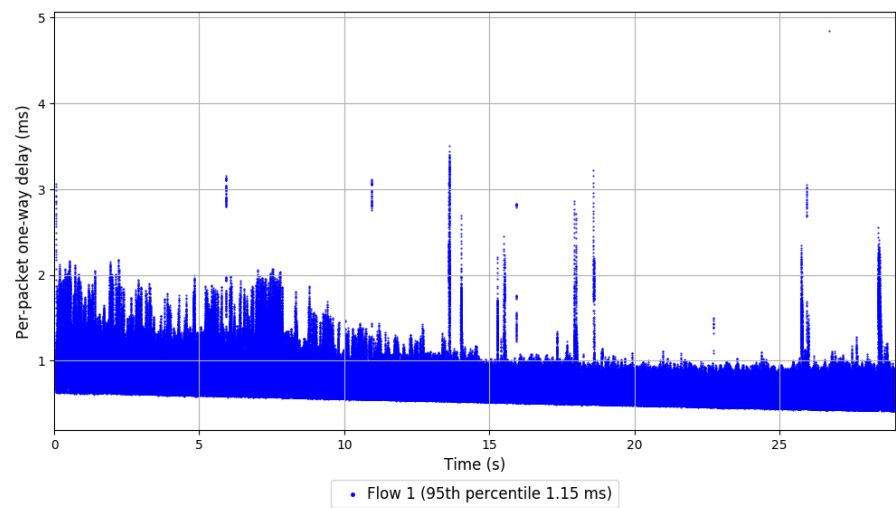
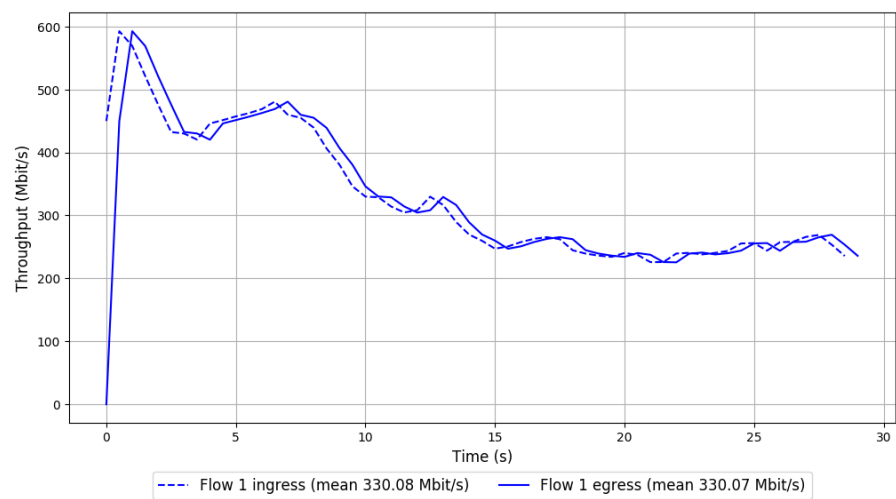
-- Flow 1:

Average throughput: 330.07 Mbit/s

95th percentile per-packet one-way delay: 1.147 ms

Loss rate: 0.00%

Run 3: Report of Indigo-MusesT — Data Link



Run 4: Statistics of Indigo-MusesT

Start at: 2019-02-11 13:43:20

End at: 2019-02-11 13:43:50

Local clock offset: -0.725 ms

Remote clock offset: 0.443 ms

Below is generated by plot.py at 2019-02-11 15:03:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 453.93 Mbit/s

95th percentile per-packet one-way delay: 1.518 ms

Loss rate: 0.00%

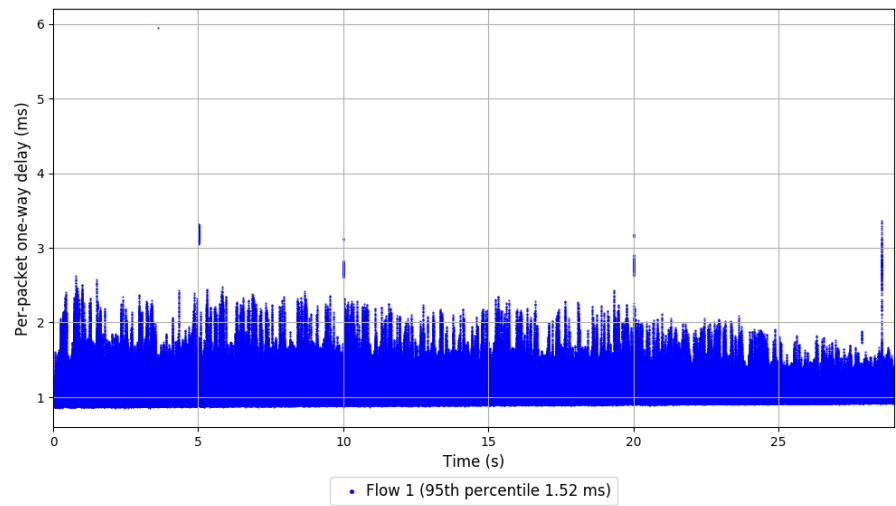
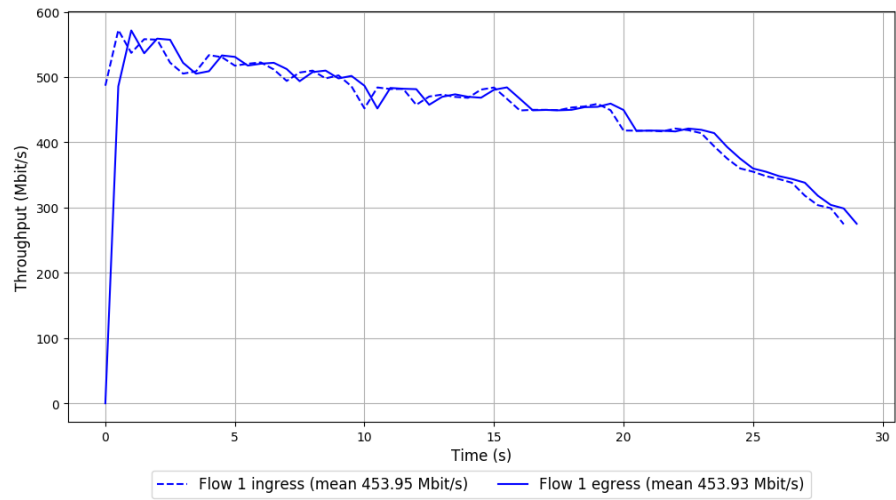
-- Flow 1:

Average throughput: 453.93 Mbit/s

95th percentile per-packet one-way delay: 1.518 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesT — Data Link



Run 5: Statistics of Indigo-MusesT

Start at: 2019-02-11 14:12:17

End at: 2019-02-11 14:12:47

Local clock offset: 0.607 ms

Remote clock offset: 1.787 ms

Below is generated by plot.py at 2019-02-11 15:03:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 269.47 Mbit/s

95th percentile per-packet one-way delay: 1.199 ms

Loss rate: 0.00%

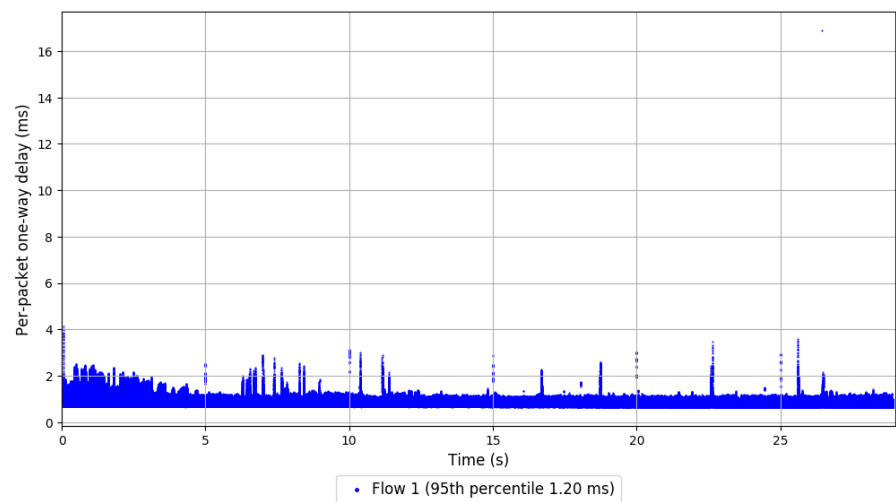
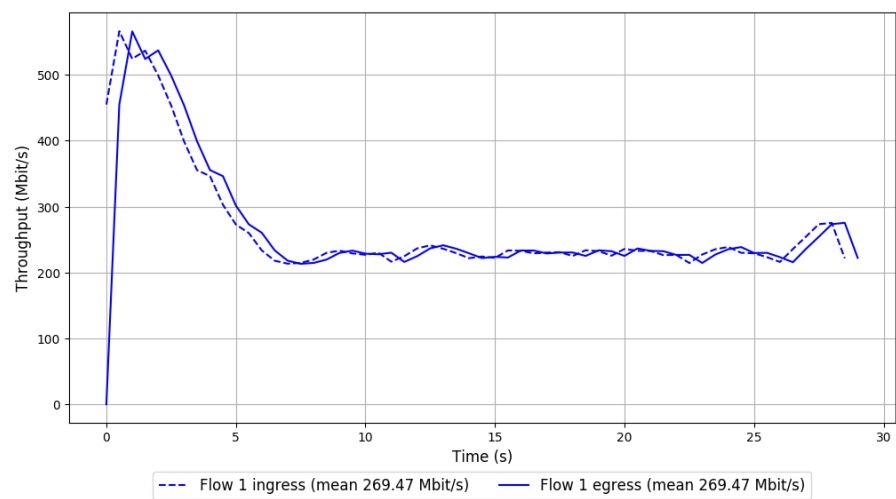
-- Flow 1:

Average throughput: 269.47 Mbit/s

95th percentile per-packet one-way delay: 1.199 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesT — Data Link

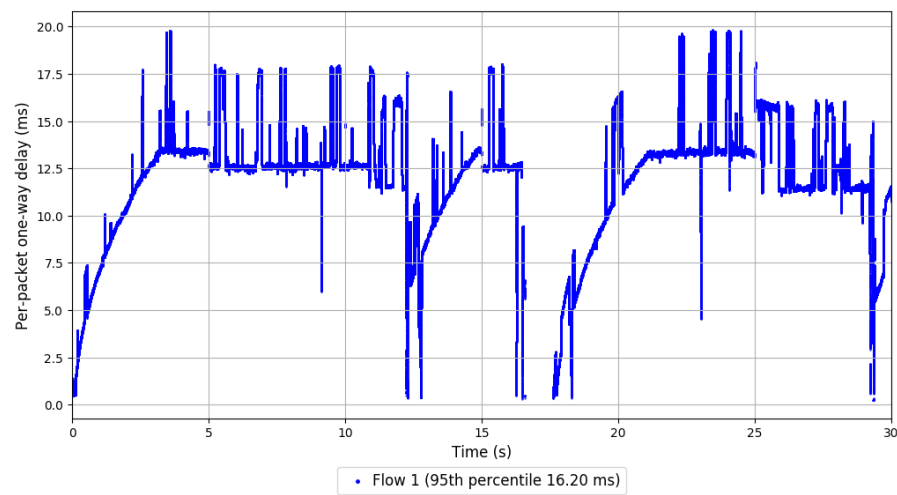
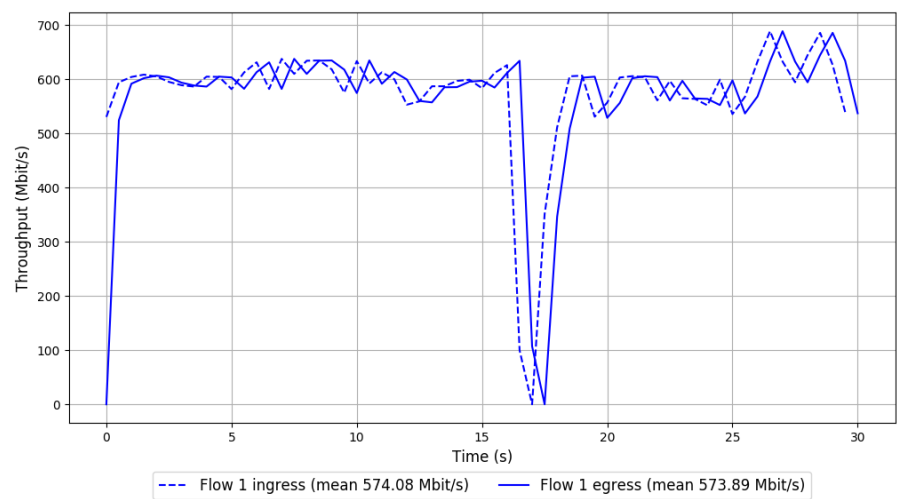


Run 1: Statistics of LEDBAT

Start at: 2019-02-11 12:09:08
End at: 2019-02-11 12:09:38
Local clock offset: 6.286 ms
Remote clock offset: -3.982 ms

Below is generated by plot.py at 2019-02-11 15:05:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 573.89 Mbit/s
95th percentile per-packet one-way delay: 16.201 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 573.89 Mbit/s
95th percentile per-packet one-way delay: 16.201 ms
Loss rate: 0.03%

Run 1: Report of LEDBAT — Data Link

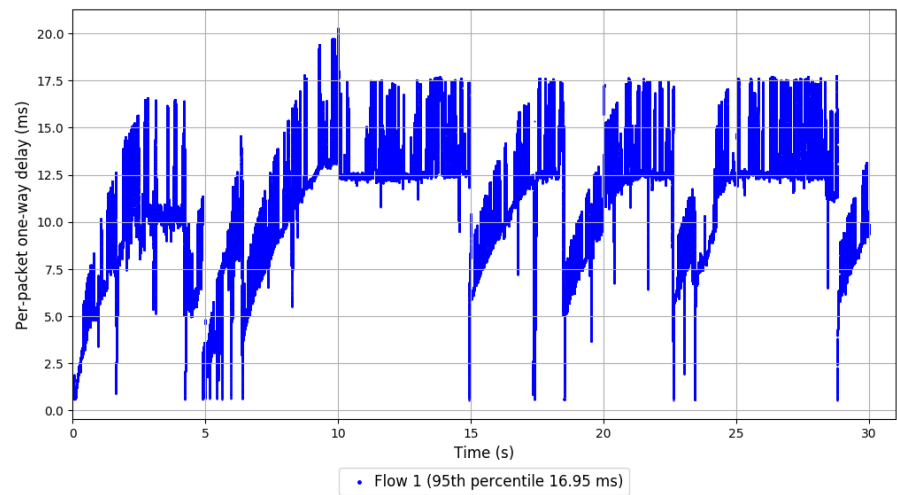
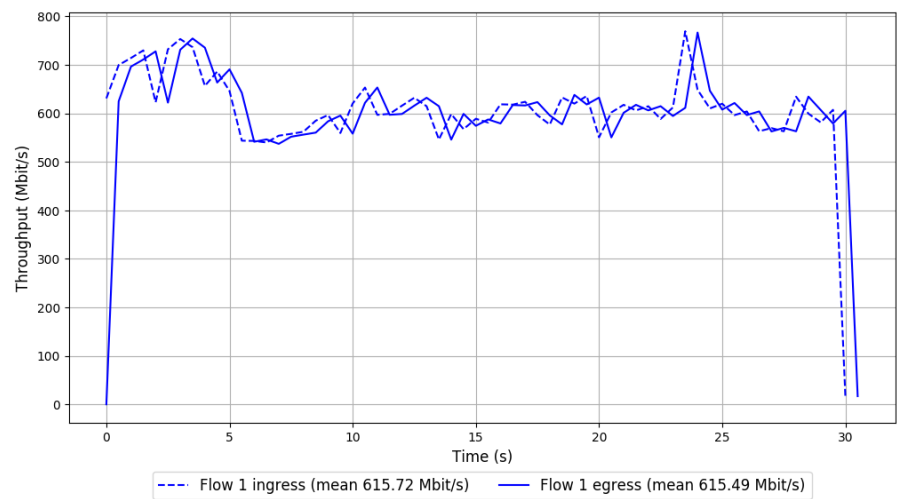


Run 2: Statistics of LEDBAT

Start at: 2019-02-11 12:38:15
End at: 2019-02-11 12:38:45
Local clock offset: 2.411 ms
Remote clock offset: -3.103 ms

Below is generated by plot.py at 2019-02-11 15:08:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 615.49 Mbit/s
95th percentile per-packet one-way delay: 16.951 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 615.49 Mbit/s
95th percentile per-packet one-way delay: 16.951 ms
Loss rate: 0.04%

Run 2: Report of LEDBAT — Data Link

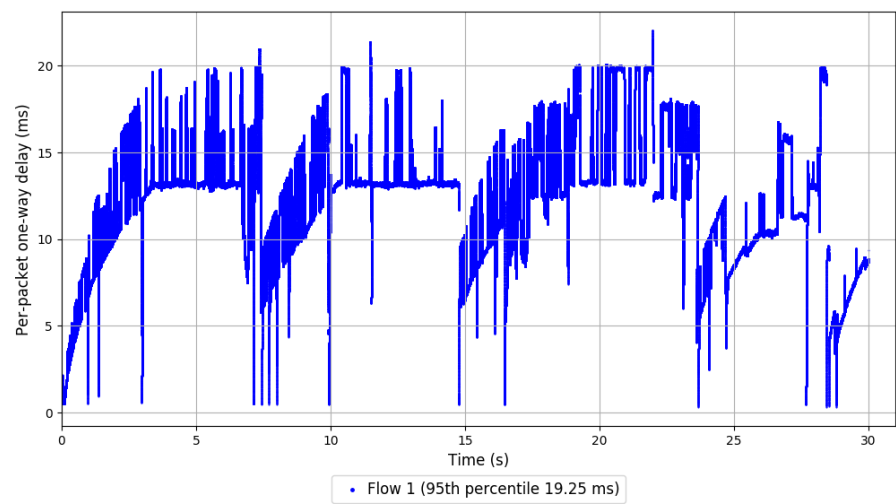
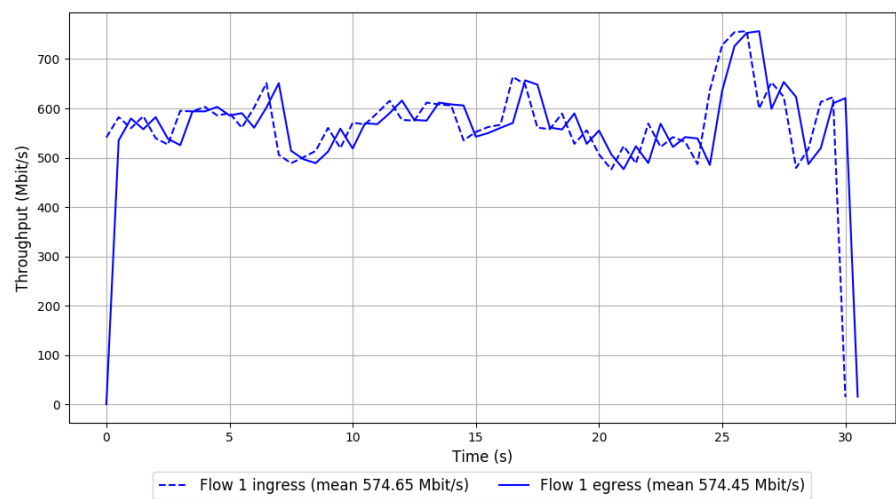


Run 3: Statistics of LEDBAT

Start at: 2019-02-11 13:07:13
End at: 2019-02-11 13:07:43
Local clock offset: 0.514 ms
Remote clock offset: -2.854 ms

Below is generated by plot.py at 2019-02-11 15:08:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 574.45 Mbit/s
95th percentile per-packet one-way delay: 19.248 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 574.45 Mbit/s
95th percentile per-packet one-way delay: 19.248 ms
Loss rate: 0.04%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2019-02-11 13:36:21

End at: 2019-02-11 13:36:51

Local clock offset: -2.48 ms

Remote clock offset: 0.079 ms

Below is generated by plot.py at 2019-02-11 15:08:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 570.27 Mbit/s

95th percentile per-packet one-way delay: 18.152 ms

Loss rate: 0.05%

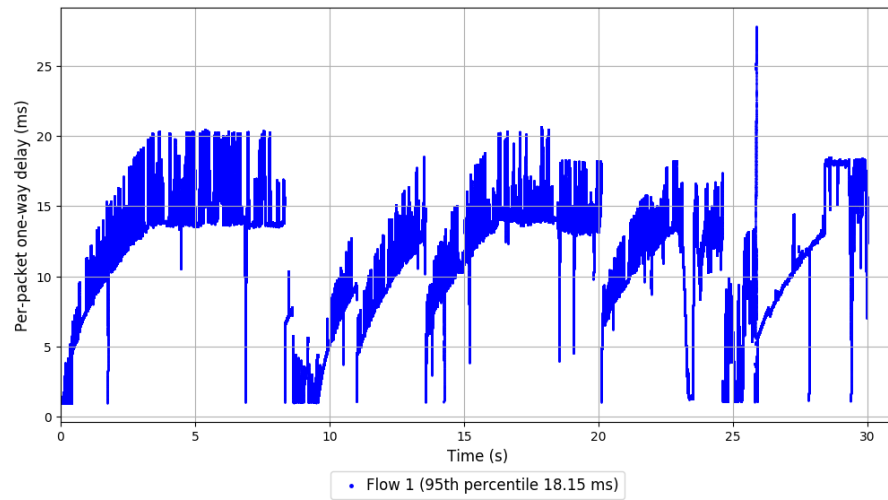
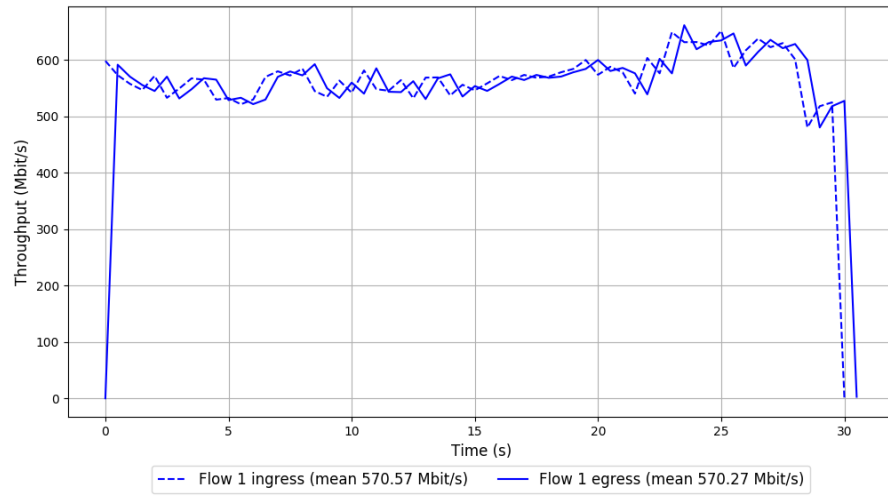
-- Flow 1:

Average throughput: 570.27 Mbit/s

95th percentile per-packet one-way delay: 18.152 ms

Loss rate: 0.05%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2019-02-11 14:05:19

End at: 2019-02-11 14:05:49

Local clock offset: 0.907 ms

Remote clock offset: 1.477 ms

Below is generated by plot.py at 2019-02-11 15:08:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 565.72 Mbit/s

95th percentile per-packet one-way delay: 18.181 ms

Loss rate: 0.05%

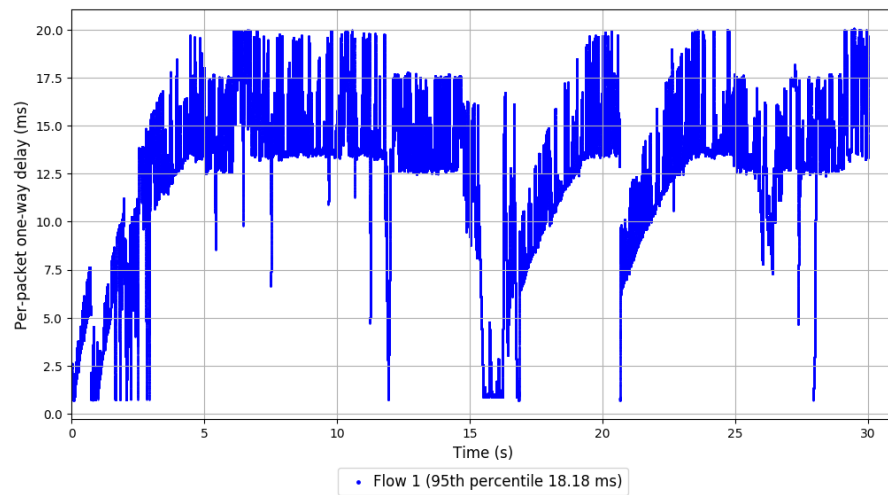
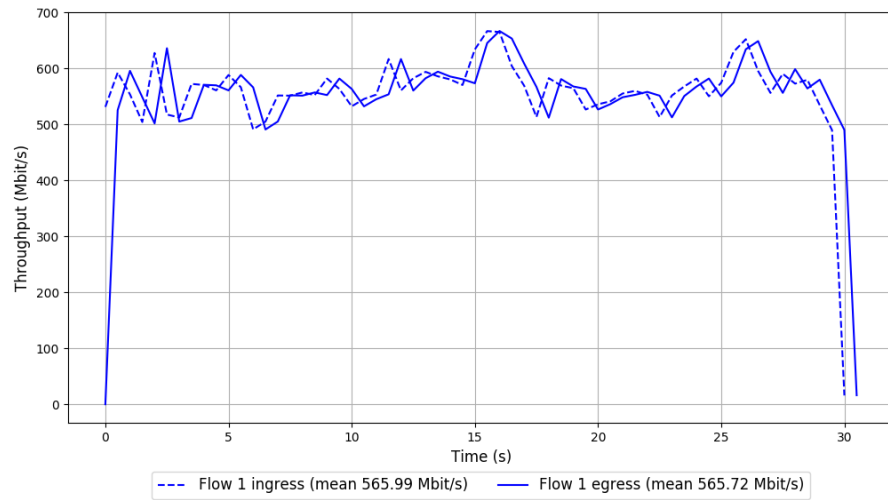
-- Flow 1:

Average throughput: 565.72 Mbit/s

95th percentile per-packet one-way delay: 18.181 ms

Loss rate: 0.05%

Run 5: Report of LEDBAT — Data Link



Run 1: Statistics of PCC-Allegro

Start at: 2019-02-11 12:18:42

End at: 2019-02-11 12:19:12

Local clock offset: 3.397 ms

Remote clock offset: -3.248 ms

Below is generated by plot.py at 2019-02-11 15:11:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 800.83 Mbit/s

95th percentile per-packet one-way delay: 87.548 ms

Loss rate: 1.66%

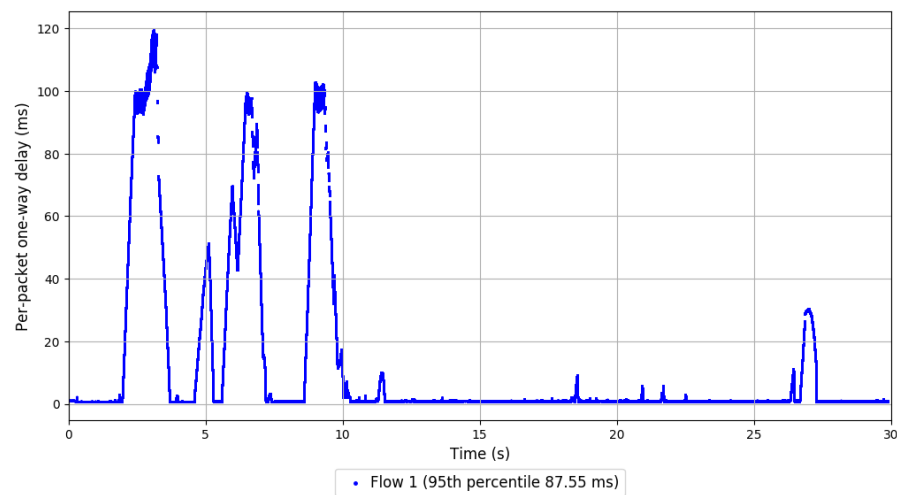
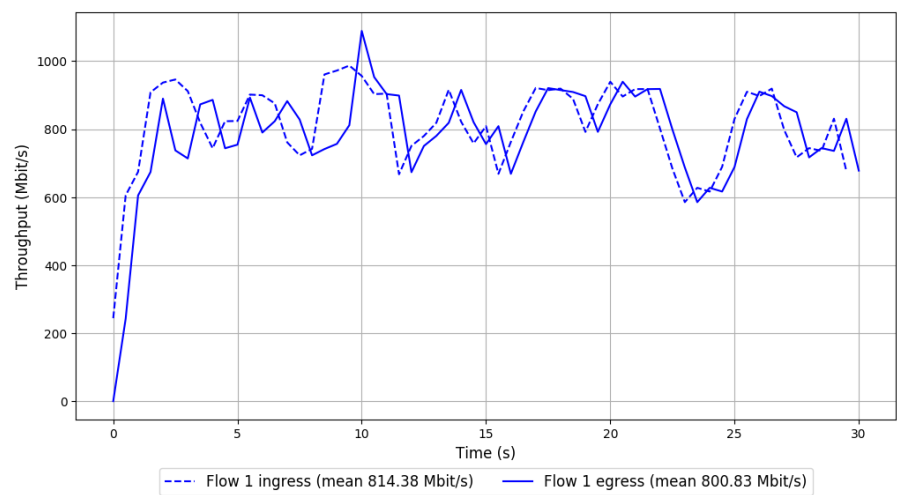
-- Flow 1:

Average throughput: 800.83 Mbit/s

95th percentile per-packet one-way delay: 87.548 ms

Loss rate: 1.66%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2019-02-11 12:48:00

End at: 2019-02-11 12:48:30

Local clock offset: 1.521 ms

Remote clock offset: -2.851 ms

Below is generated by plot.py at 2019-02-11 15:11:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 353.16 Mbit/s

95th percentile per-packet one-way delay: 2.743 ms

Loss rate: 0.04%

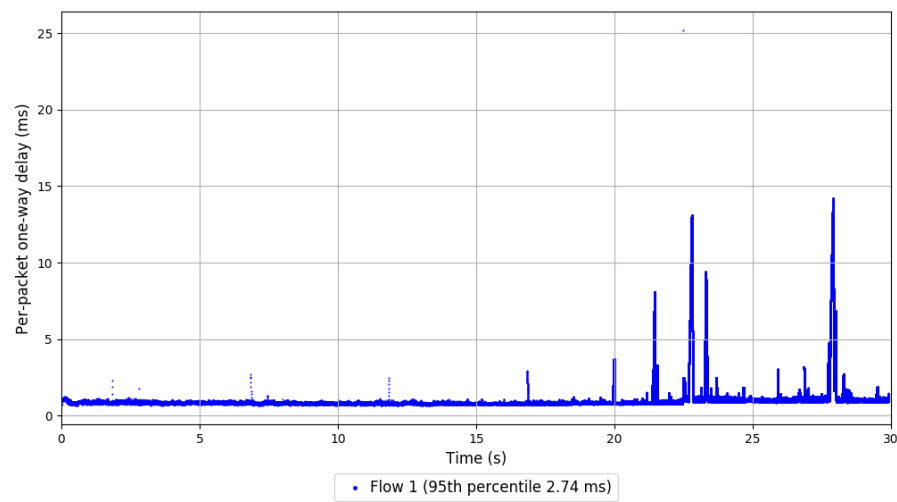
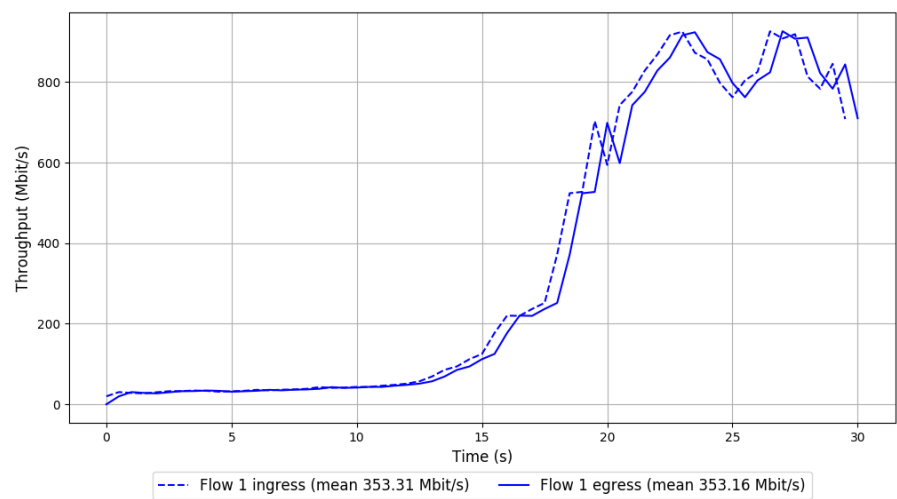
-- Flow 1:

Average throughput: 353.16 Mbit/s

95th percentile per-packet one-way delay: 2.743 ms

Loss rate: 0.04%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2019-02-11 13:16:56

End at: 2019-02-11 13:17:26

Local clock offset: -1.889 ms

Remote clock offset: -2.218 ms

Below is generated by plot.py at 2019-02-11 15:13:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 799.13 Mbit/s

95th percentile per-packet one-way delay: 19.744 ms

Loss rate: 0.05%

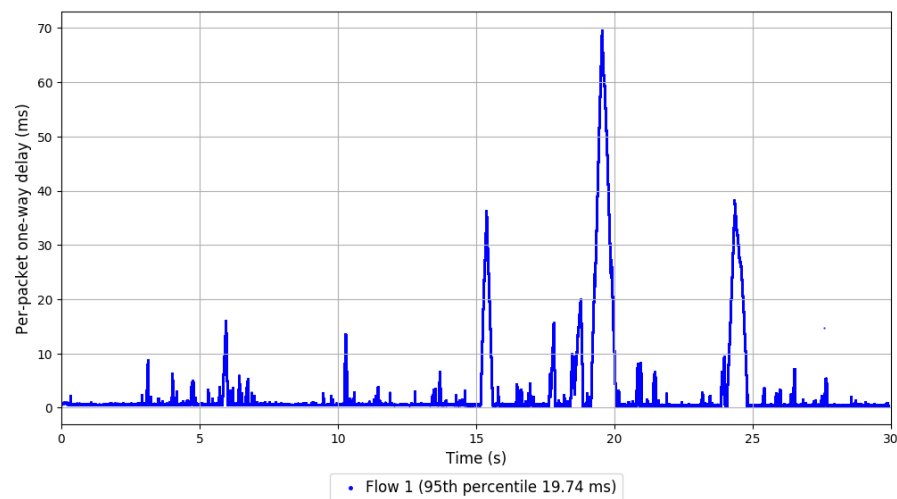
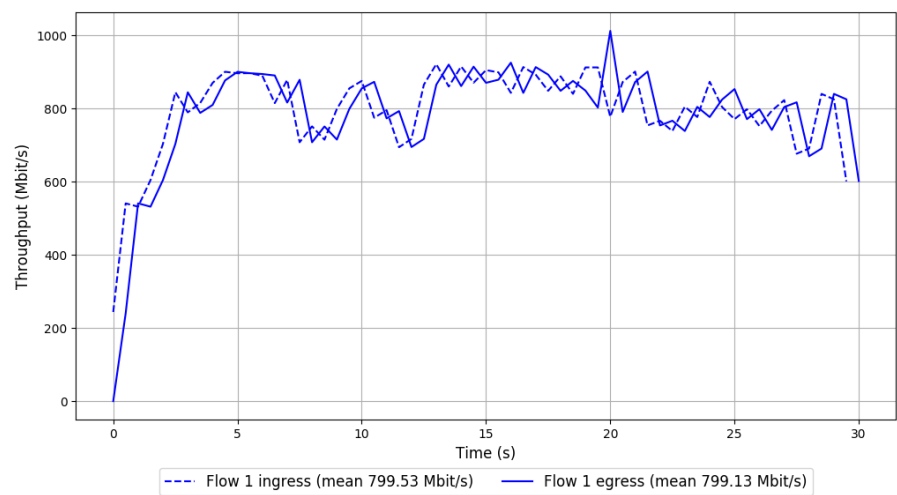
-- Flow 1:

Average throughput: 799.13 Mbit/s

95th percentile per-packet one-way delay: 19.744 ms

Loss rate: 0.05%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2019-02-11 13:46:02

End at: 2019-02-11 13:46:33

Local clock offset: -0.29 ms

Remote clock offset: 0.501 ms

Below is generated by plot.py at 2019-02-11 15:13:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 643.95 Mbit/s

95th percentile per-packet one-way delay: 2.929 ms

Loss rate: 0.04%

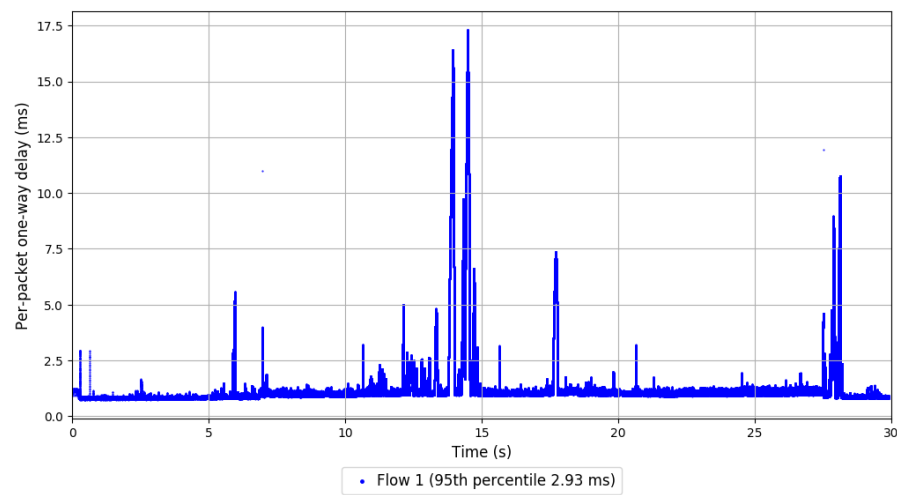
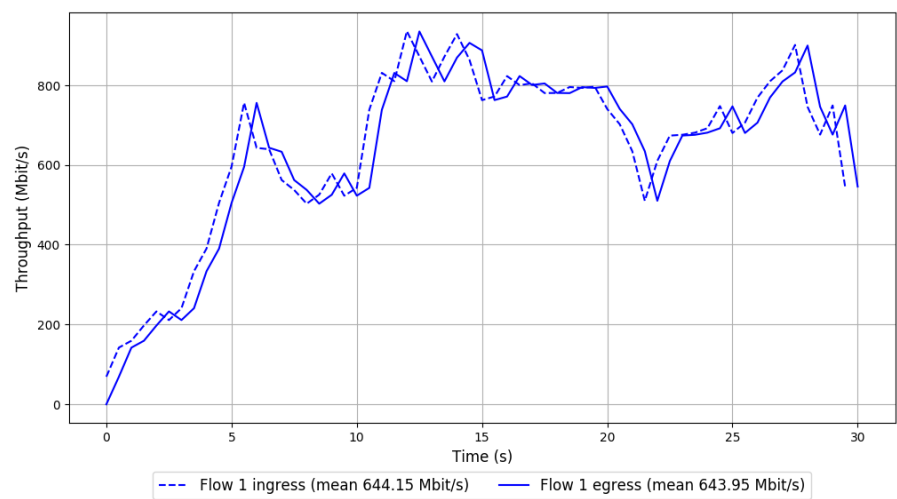
-- Flow 1:

Average throughput: 643.95 Mbit/s

95th percentile per-packet one-way delay: 2.929 ms

Loss rate: 0.04%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2019-02-11 14:14:55

End at: 2019-02-11 14:15:25

Local clock offset: 0.562 ms

Remote clock offset: 2.012 ms

Below is generated by plot.py at 2019-02-11 15:13:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 469.42 Mbit/s

95th percentile per-packet one-way delay: 5.653 ms

Loss rate: 0.01%

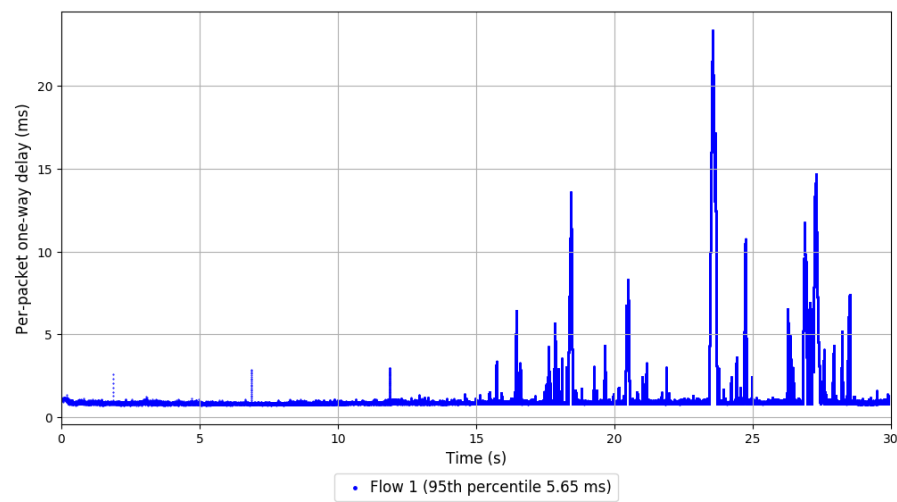
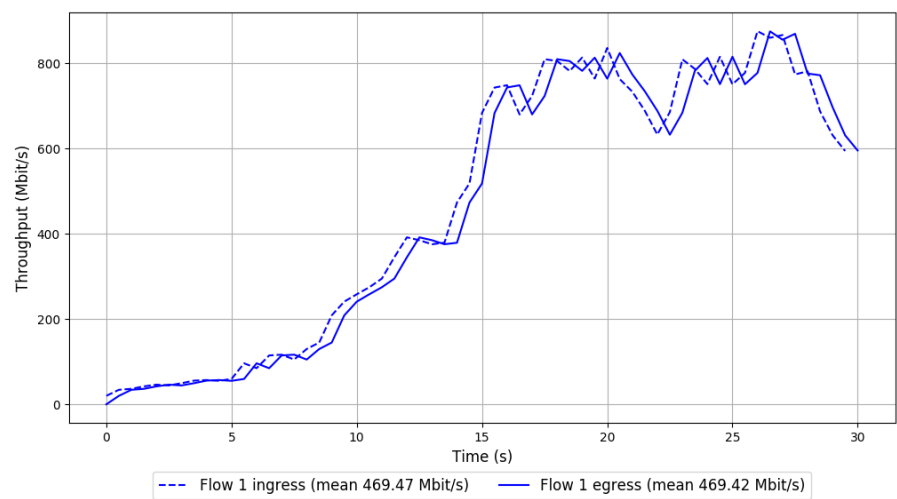
-- Flow 1:

Average throughput: 469.42 Mbit/s

95th percentile per-packet one-way delay: 5.653 ms

Loss rate: 0.01%

Run 5: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

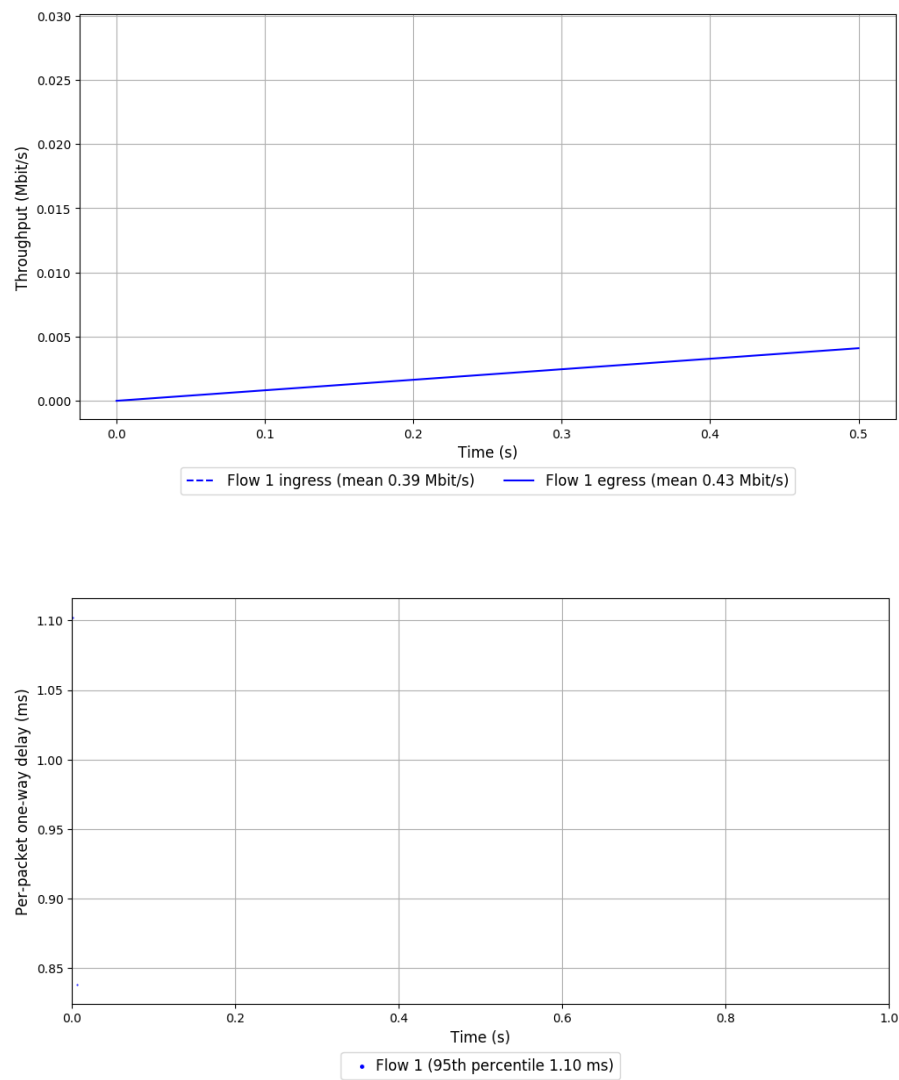
Start at: 2019-02-11 12:20:14

End at: 2019-02-11 12:20:44

Local clock offset: 3.22 ms

Remote clock offset: -3.168 ms

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

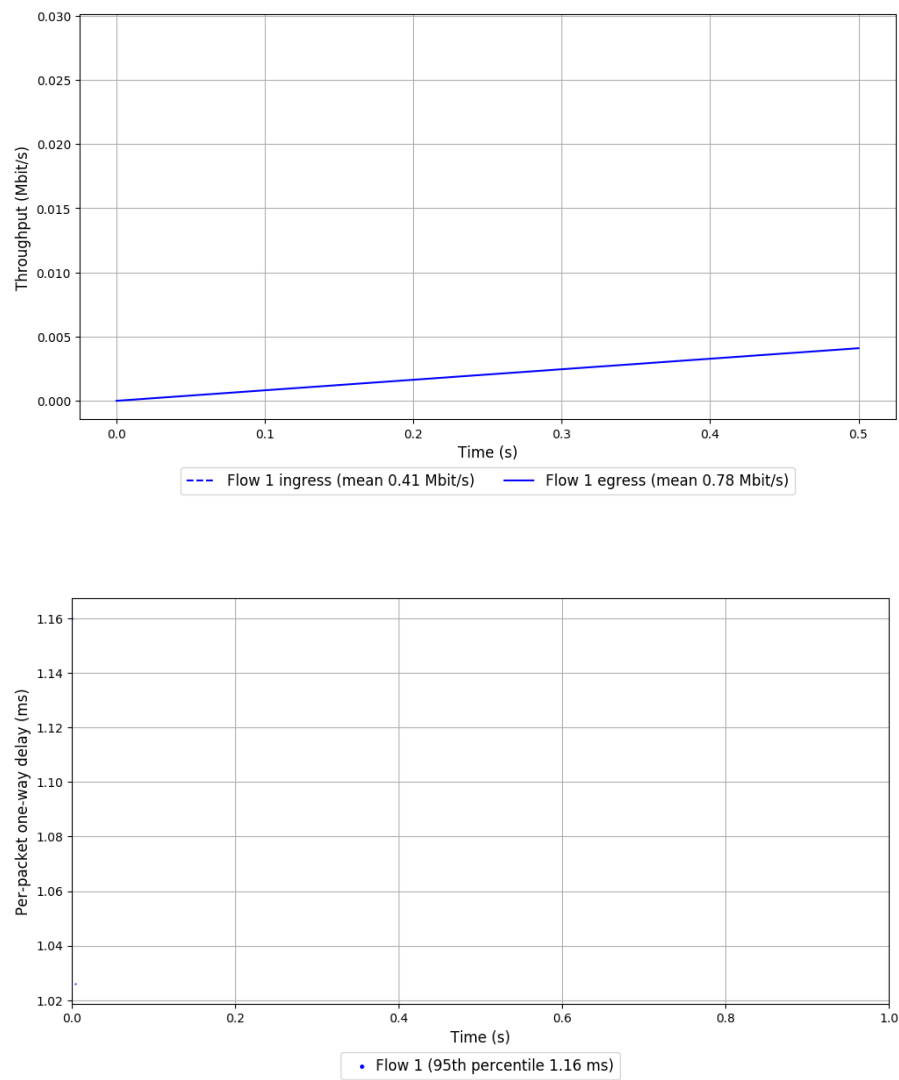
Start at: 2019-02-11 12:49:21

End at: 2019-02-11 12:49:51

Local clock offset: 1.489 ms

Remote clock offset: -2.817 ms

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

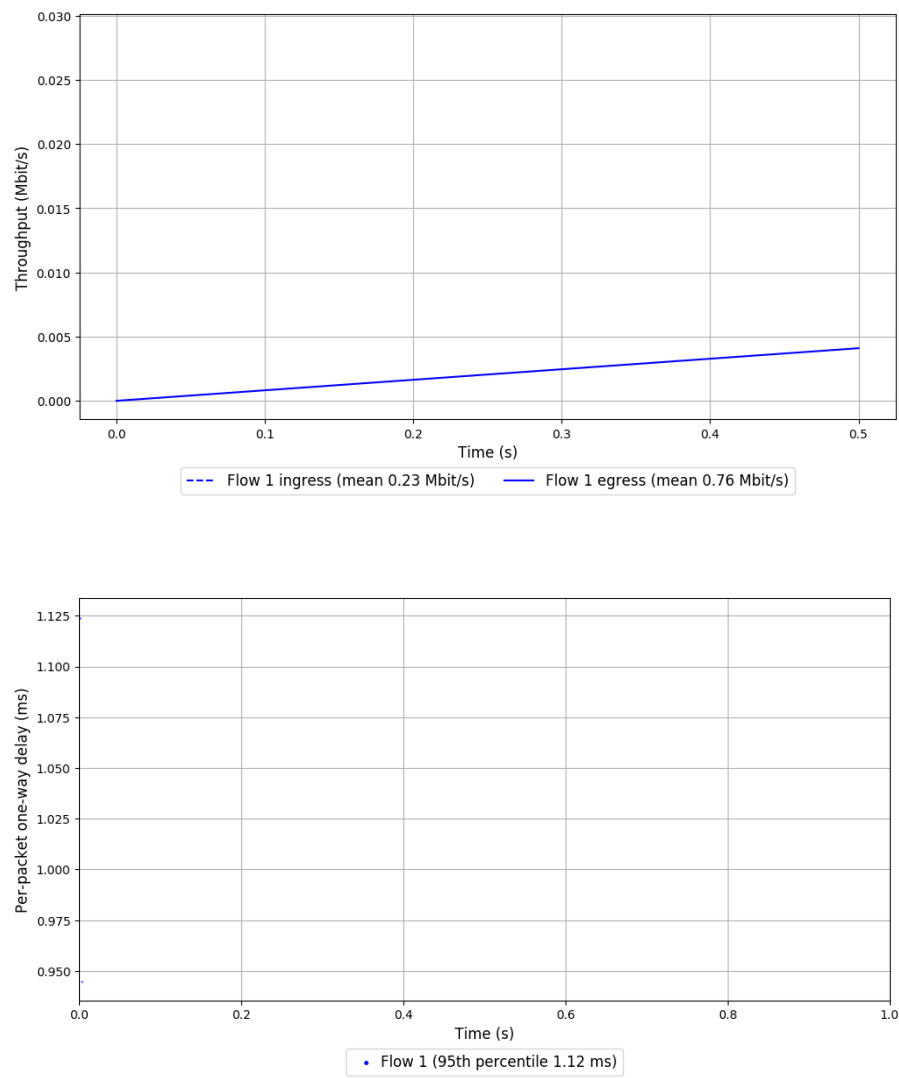
Start at: 2019-02-11 13:18:28

End at: 2019-02-11 13:18:58

Local clock offset: -2.104 ms

Remote clock offset: -1.85 ms

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

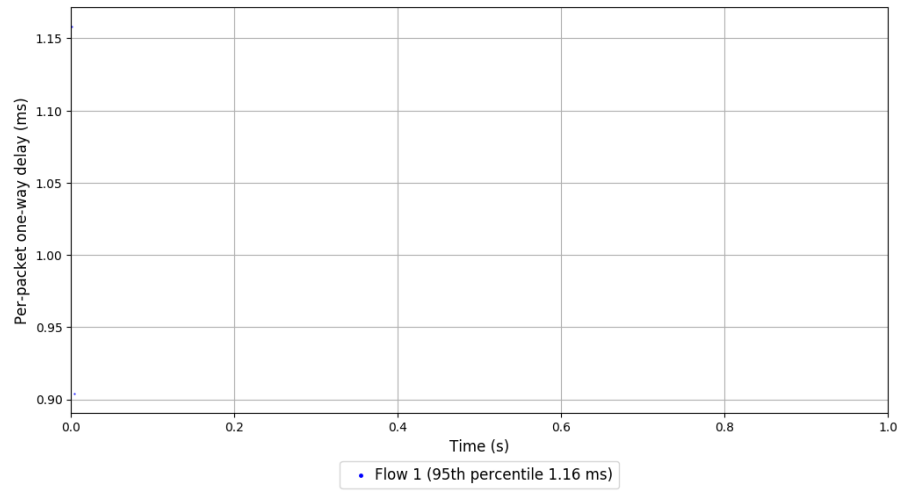
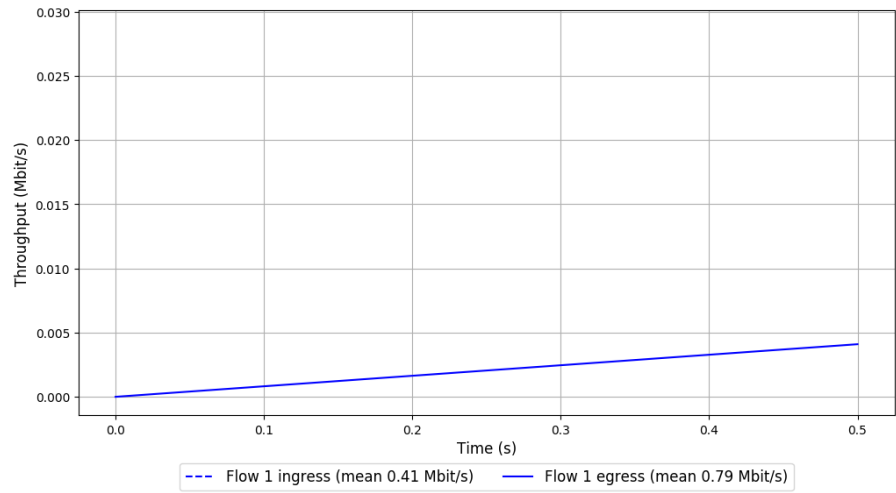
Start at: 2019-02-11 13:47:31

End at: 2019-02-11 13:48:01

Local clock offset: -0.104 ms

Remote clock offset: 0.605 ms

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

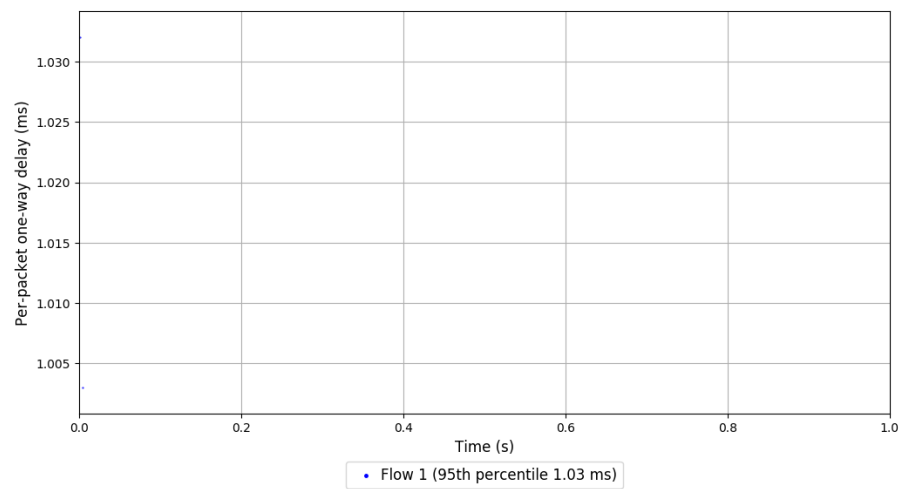
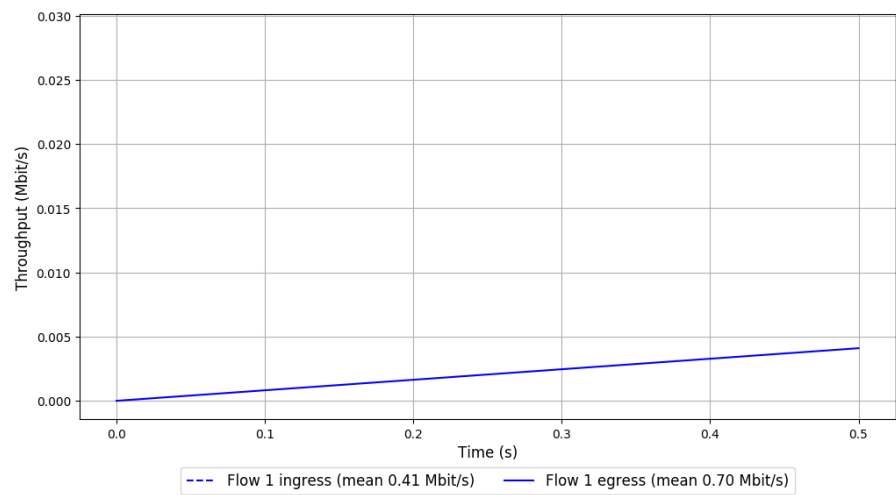
Start at: 2019-02-11 14:16:20

End at: 2019-02-11 14:16:50

Local clock offset: 0.57 ms

Remote clock offset: 2.002 ms

Run 5: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2019-02-11 12:12:05

End at: 2019-02-11 12:12:35

Local clock offset: 4.97 ms

Remote clock offset: -3.618 ms

Below is generated by plot.py at 2019-02-11 15:13:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.68 Mbit/s

95th percentile per-packet one-way delay: 0.628 ms

Loss rate: 0.00%

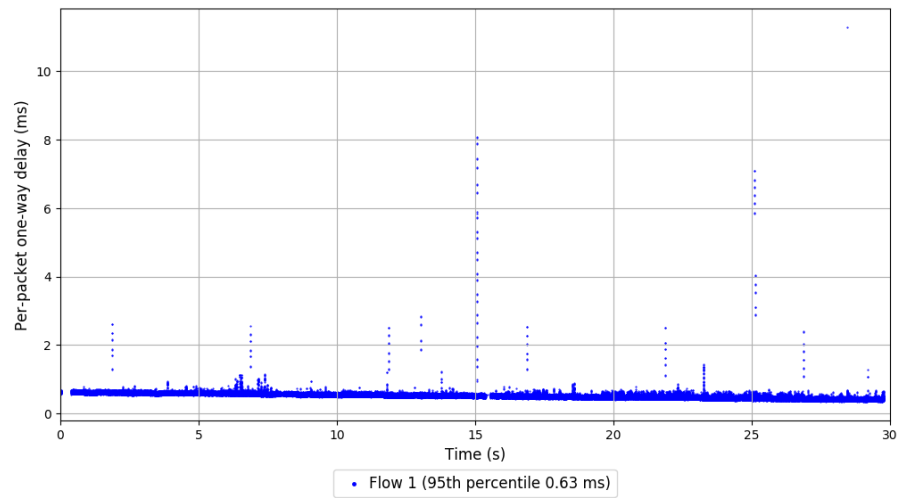
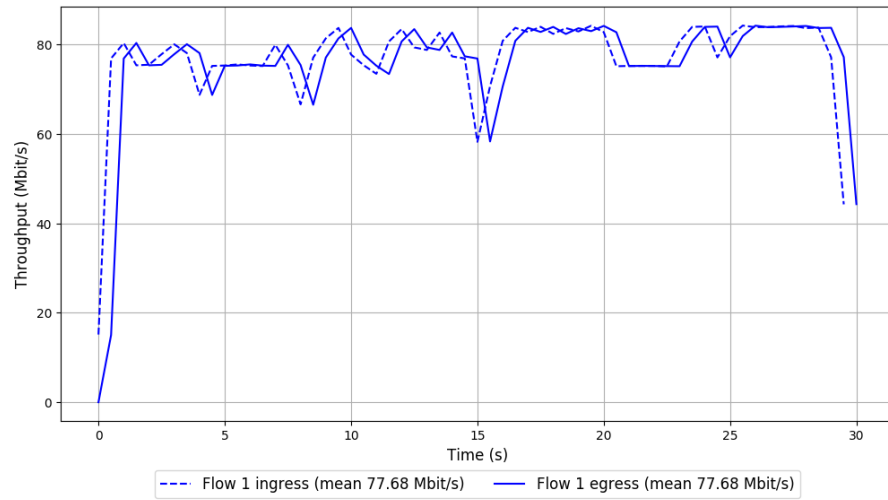
-- Flow 1:

Average throughput: 77.68 Mbit/s

95th percentile per-packet one-way delay: 0.628 ms

Loss rate: 0.00%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2019-02-11 12:41:19

End at: 2019-02-11 12:41:49

Local clock offset: 1.929 ms

Remote clock offset: -2.982 ms

Below is generated by plot.py at 2019-02-11 15:13:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.48 Mbit/s

95th percentile per-packet one-way delay: 0.776 ms

Loss rate: 0.00%

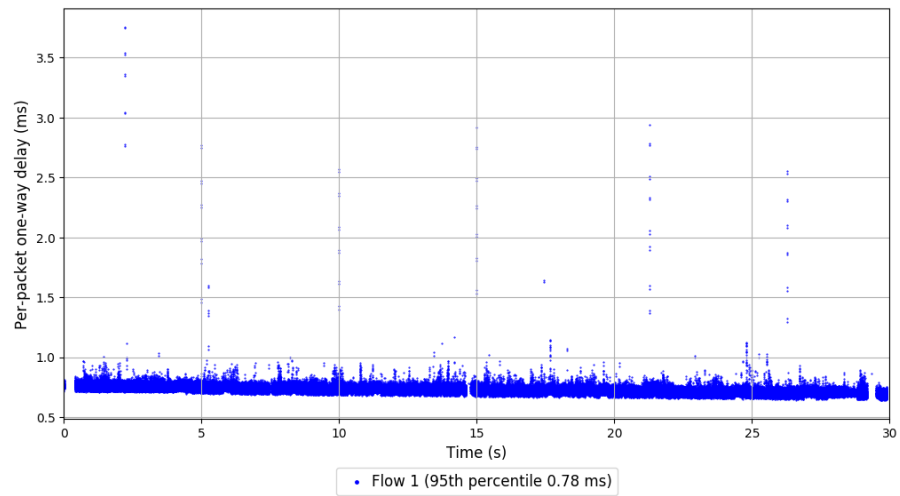
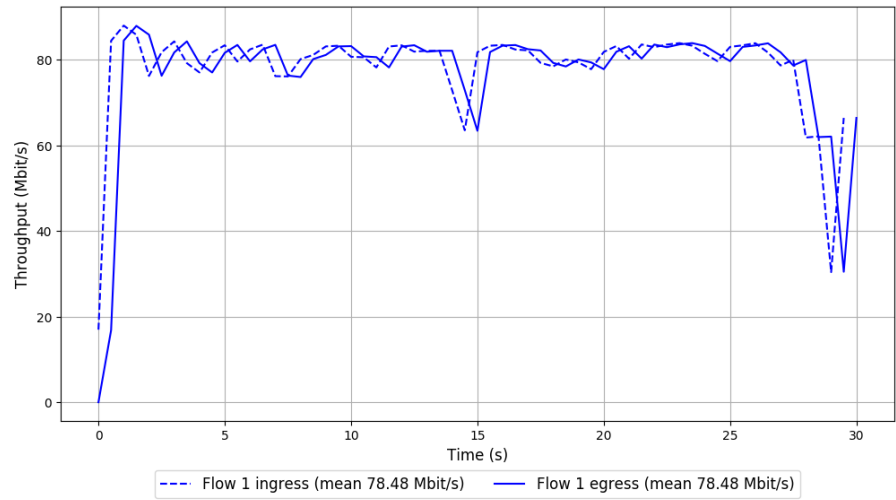
-- Flow 1:

Average throughput: 78.48 Mbit/s

95th percentile per-packet one-way delay: 0.776 ms

Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2019-02-11 13:10:14

End at: 2019-02-11 13:10:44

Local clock offset: -0.502 ms

Remote clock offset: -2.779 ms

Below is generated by plot.py at 2019-02-11 15:13:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.80 Mbit/s

95th percentile per-packet one-way delay: 0.689 ms

Loss rate: 0.01%

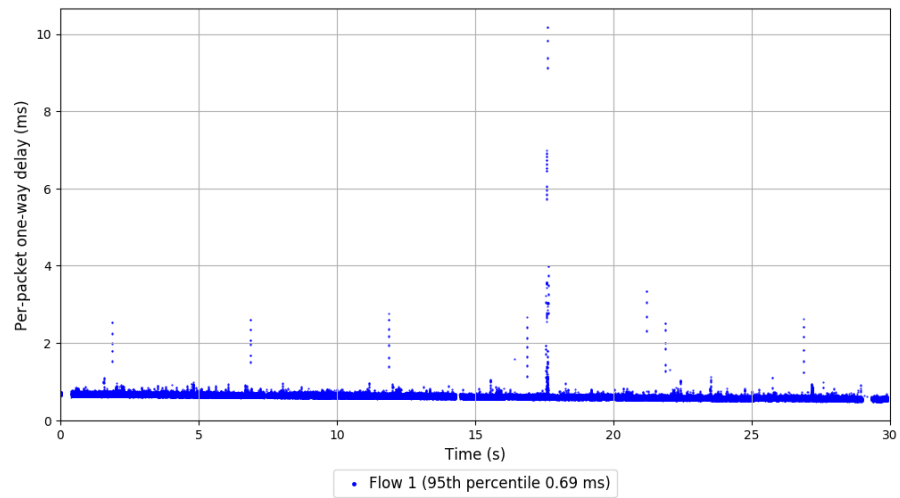
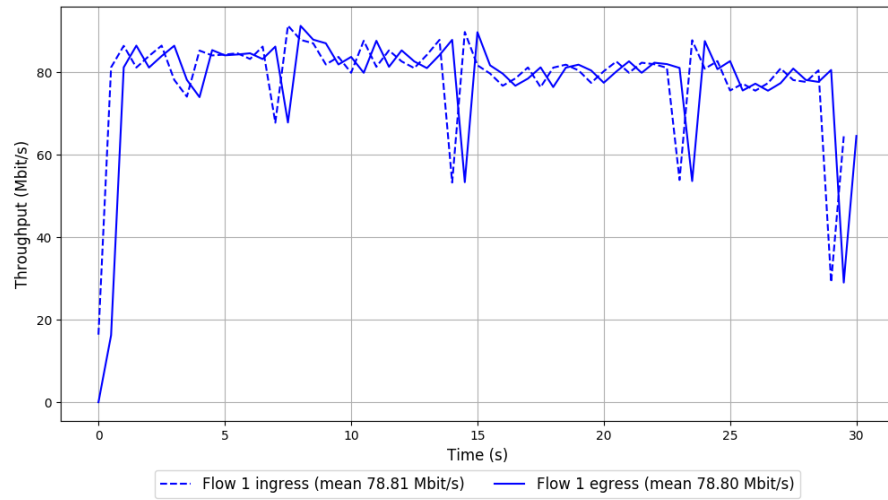
-- Flow 1:

Average throughput: 78.80 Mbit/s

95th percentile per-packet one-way delay: 0.689 ms

Loss rate: 0.01%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2019-02-11 13:39:22

End at: 2019-02-11 13:39:52

Local clock offset: -1.574 ms

Remote clock offset: 0.215 ms

Below is generated by plot.py at 2019-02-11 15:13:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.42 Mbit/s

95th percentile per-packet one-way delay: 1.092 ms

Loss rate: 0.00%

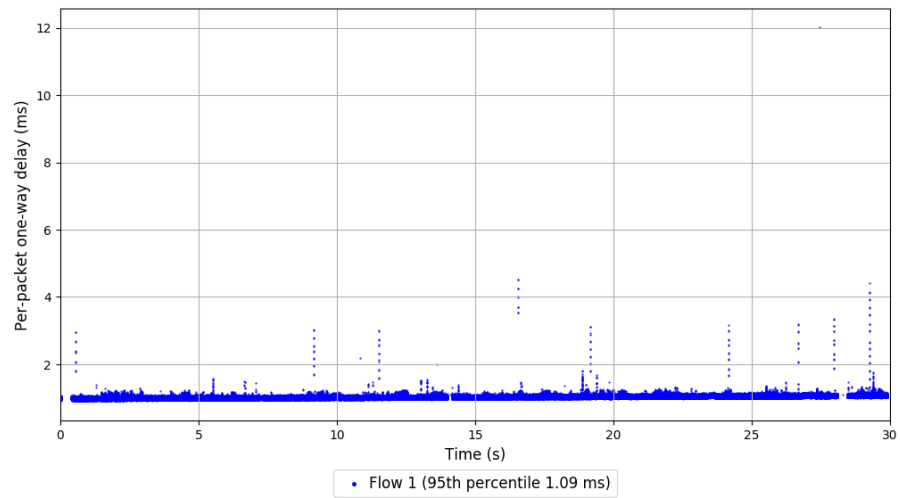
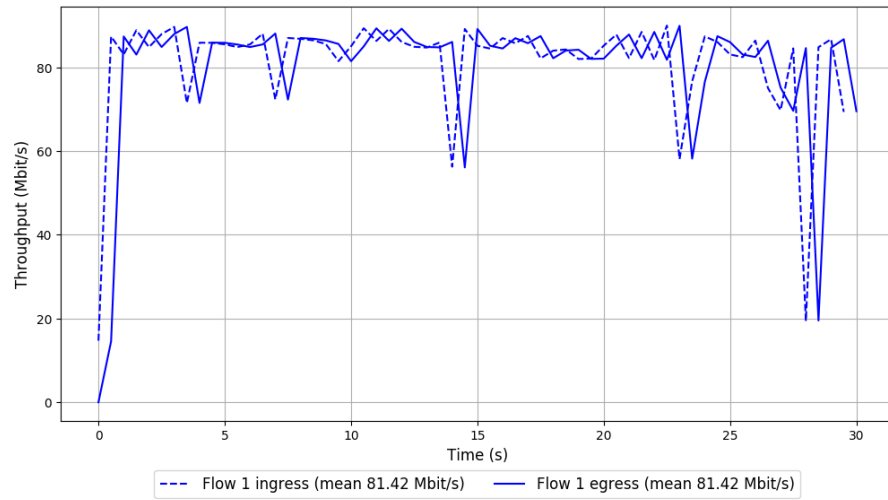
-- Flow 1:

Average throughput: 81.42 Mbit/s

95th percentile per-packet one-way delay: 1.092 ms

Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2019-02-11 14:08:19

End at: 2019-02-11 14:08:49

Local clock offset: 0.726 ms

Remote clock offset: 1.644 ms

Below is generated by plot.py at 2019-02-11 15:13:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.89 Mbit/s

95th percentile per-packet one-way delay: 0.827 ms

Loss rate: 0.00%

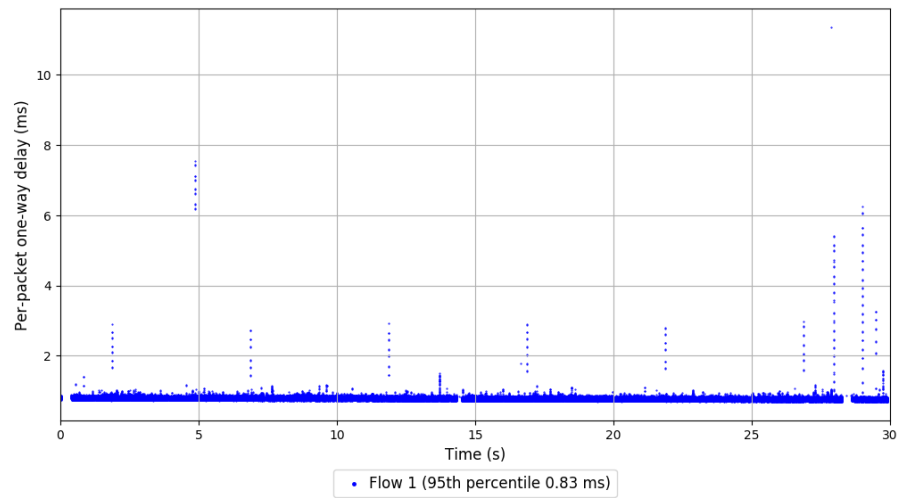
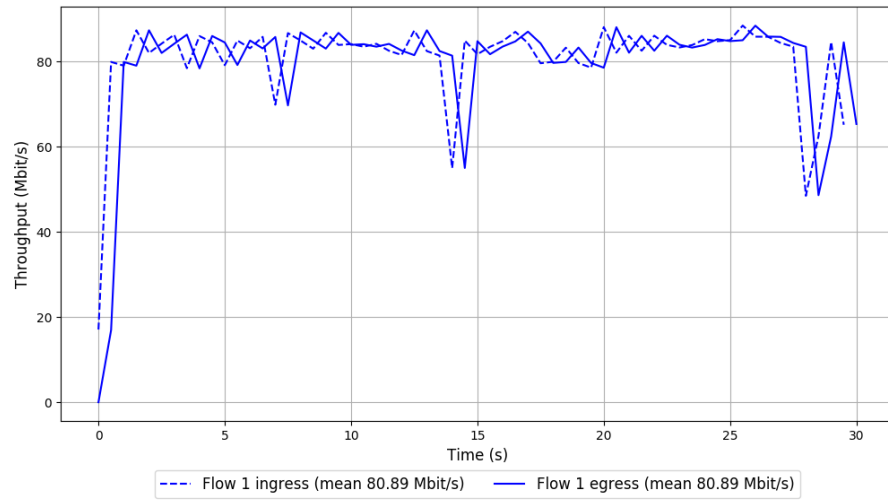
-- Flow 1:

Average throughput: 80.89 Mbit/s

95th percentile per-packet one-way delay: 0.827 ms

Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link

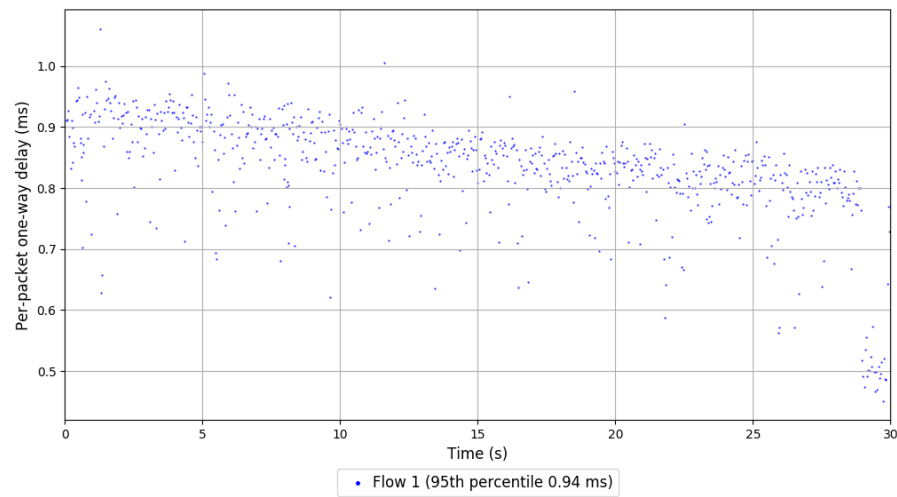
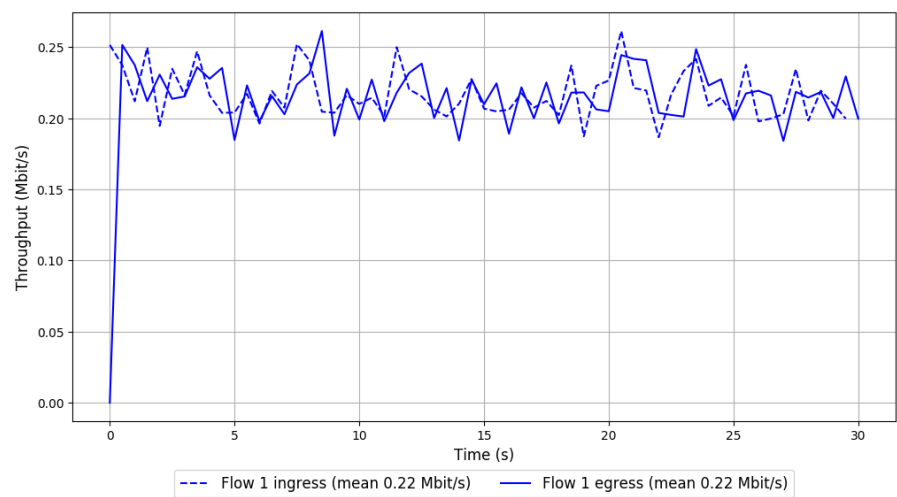


Run 1: Statistics of SCReAM

Start at: 2019-02-11 12:14:51
End at: 2019-02-11 12:15:21
Local clock offset: 4.127 ms
Remote clock offset: -3.456 ms

Below is generated by plot.py at 2019-02-11 15:13:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.937 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.937 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

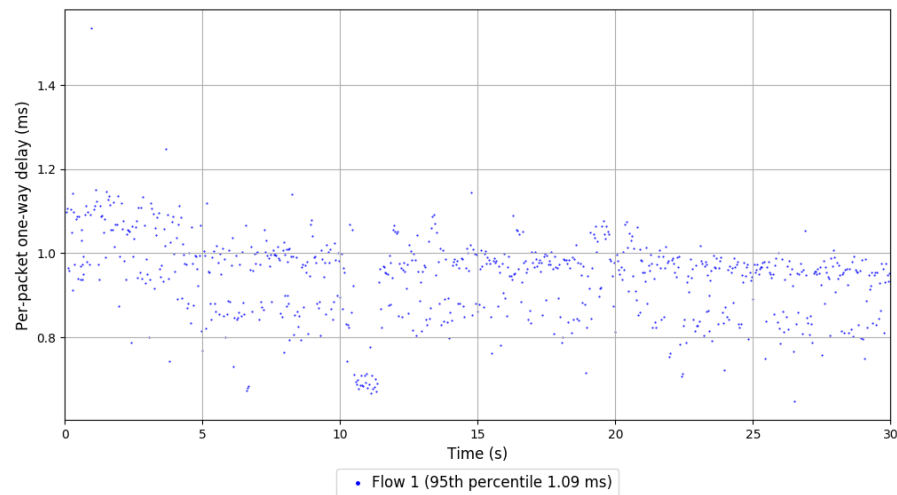
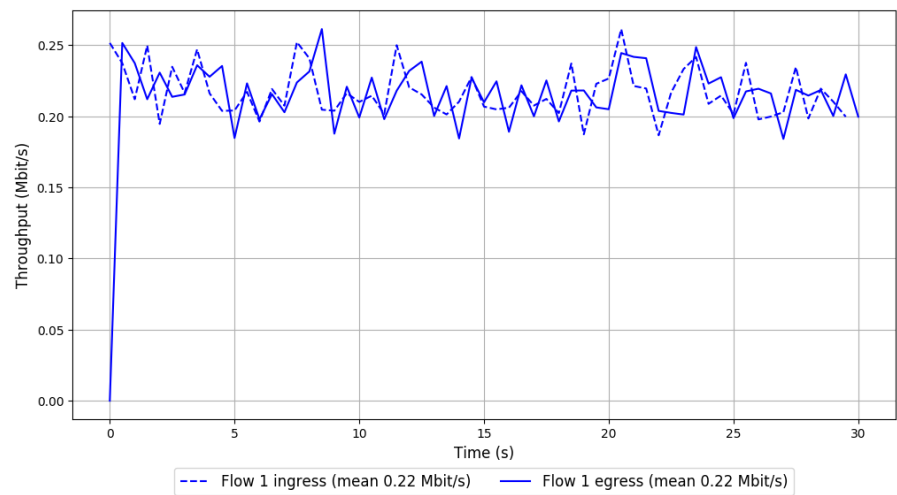


Run 2: Statistics of SCReAM

Start at: 2019-02-11 12:44:10
End at: 2019-02-11 12:44:40
Local clock offset: 1.694 ms
Remote clock offset: -2.984 ms

Below is generated by plot.py at 2019-02-11 15:13:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.089 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.089 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

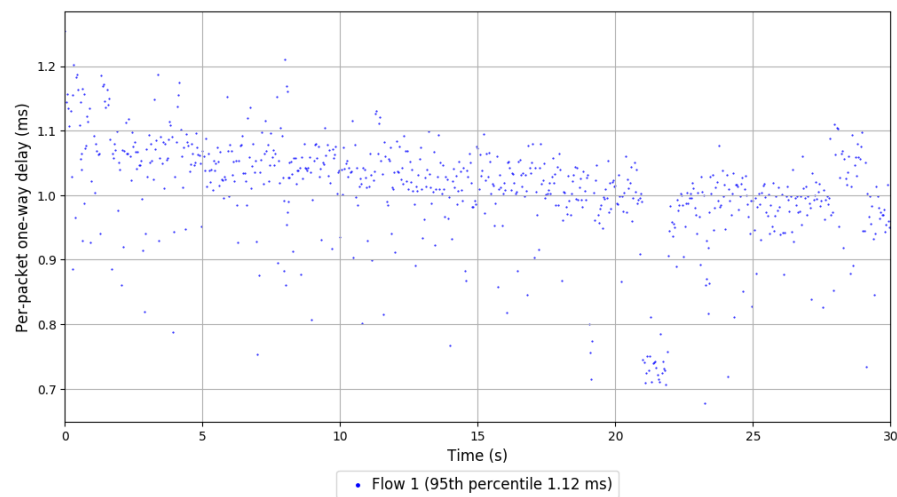
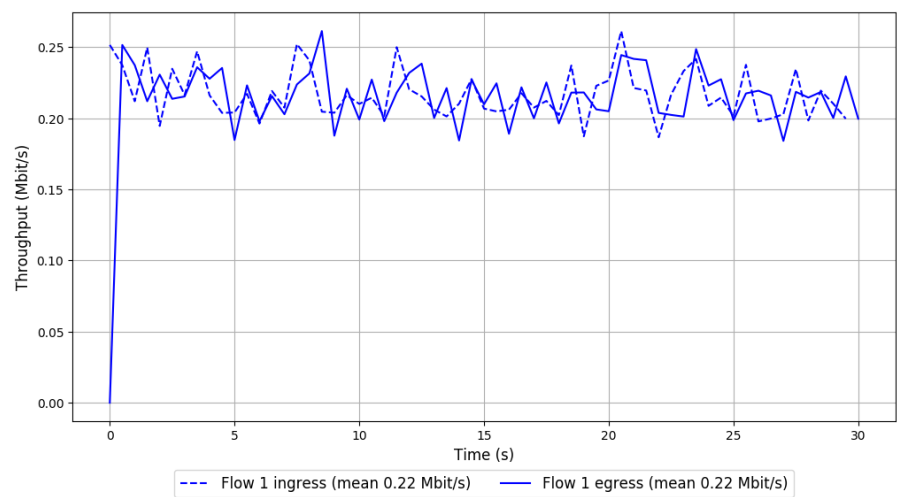


Run 3: Statistics of SCReAM

Start at: 2019-02-11 13:12:59
End at: 2019-02-11 13:13:29
Local clock offset: -1.186 ms
Remote clock offset: -2.717 ms

Below is generated by plot.py at 2019-02-11 15:13:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.118 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.118 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2019-02-11 13:42:07

End at: 2019-02-11 13:42:37

Local clock offset: -0.921 ms

Remote clock offset: 0.42 ms

Below is generated by plot.py at 2019-02-11 15:13:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.385 ms

Loss rate: 0.00%

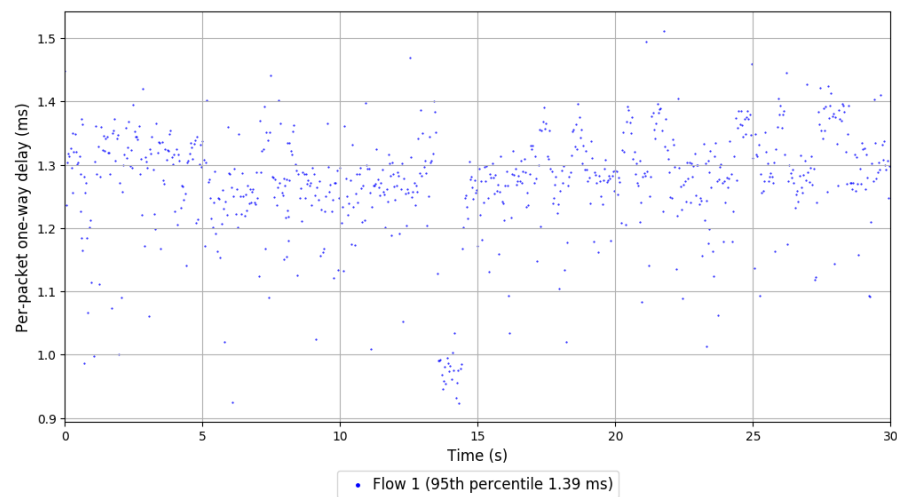
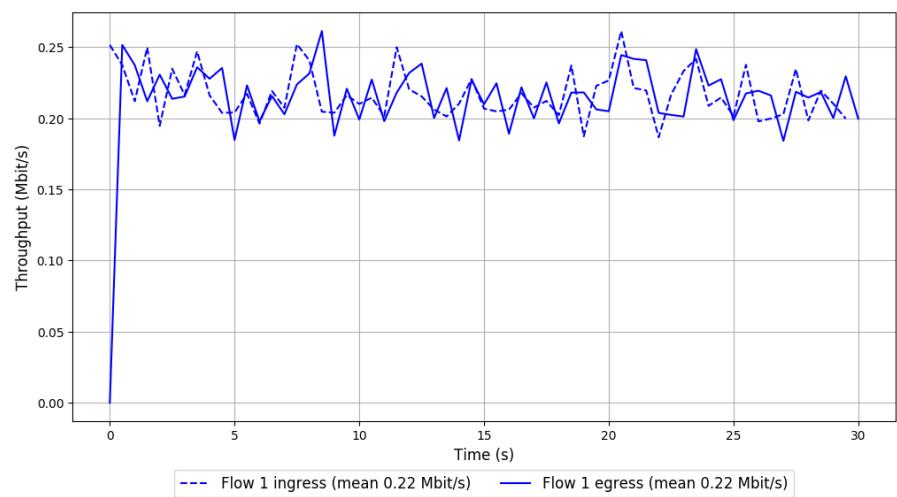
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.385 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2019-02-11 14:11:04

End at: 2019-02-11 14:11:34

Local clock offset: 0.621 ms

Remote clock offset: 1.813 ms

Below is generated by plot.py at 2019-02-11 15:13:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.220 ms

Loss rate: 0.00%

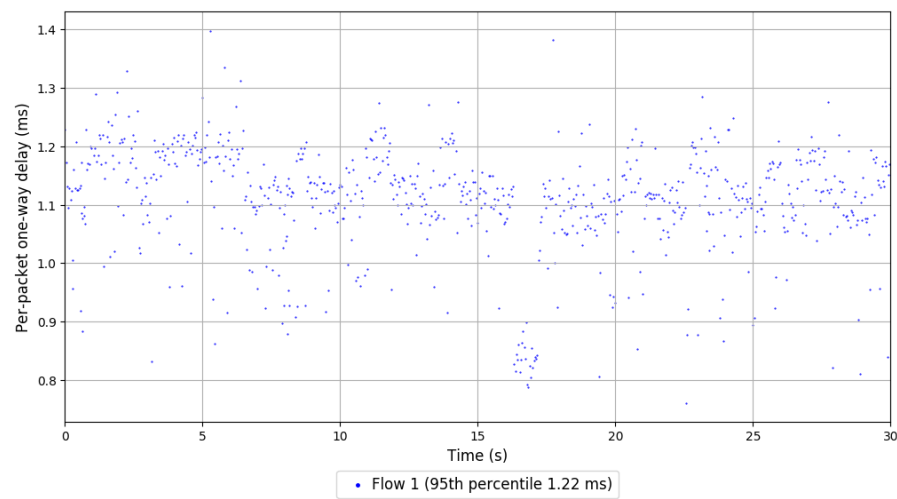
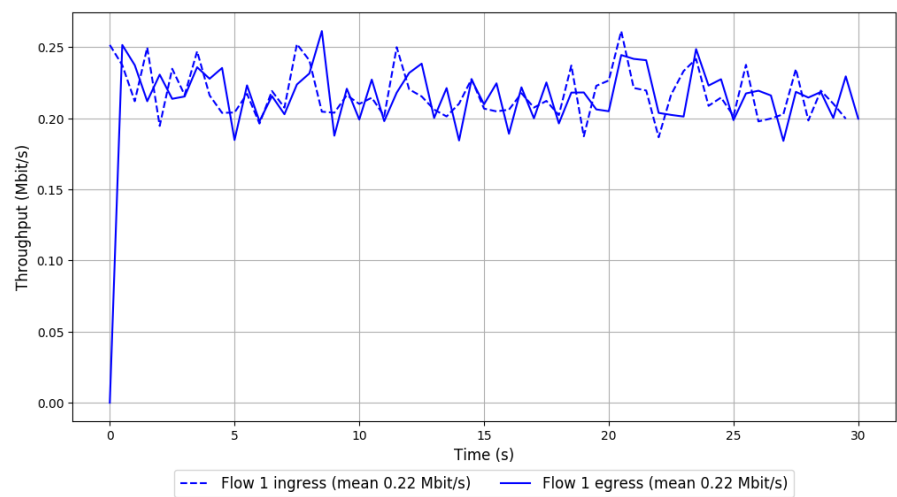
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.220 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2019-02-11 12:01:27

End at: 2019-02-11 12:01:57

Local clock offset: 9.256 ms

Remote clock offset: -4.19 ms

Below is generated by plot.py at 2019-02-11 15:13:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.19 Mbit/s

95th percentile per-packet one-way delay: 4.473 ms

Loss rate: 0.00%

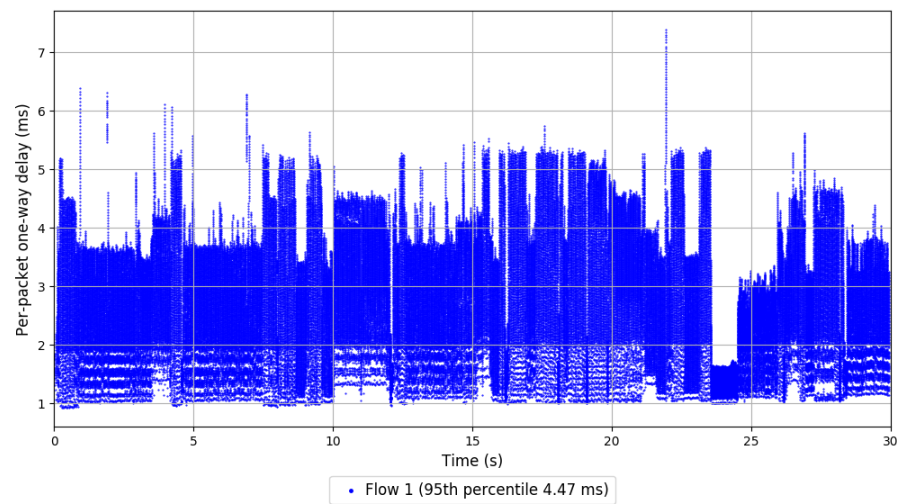
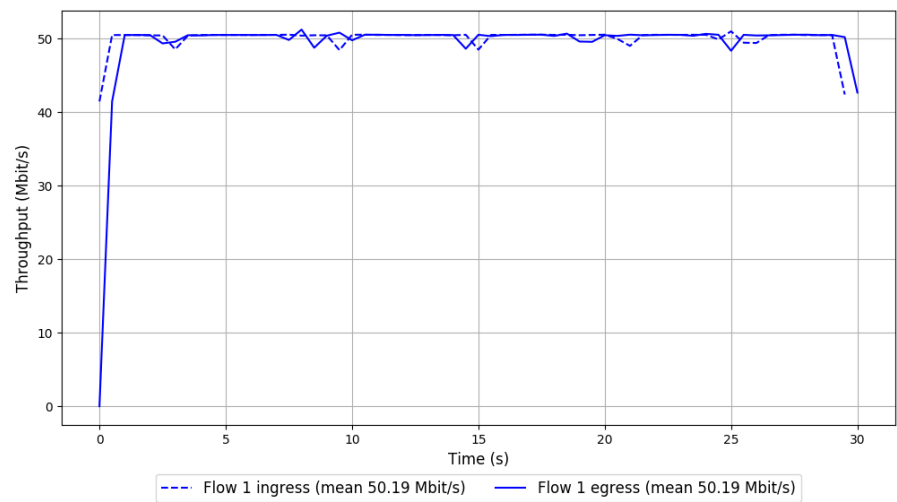
-- Flow 1:

Average throughput: 50.19 Mbit/s

95th percentile per-packet one-way delay: 4.473 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

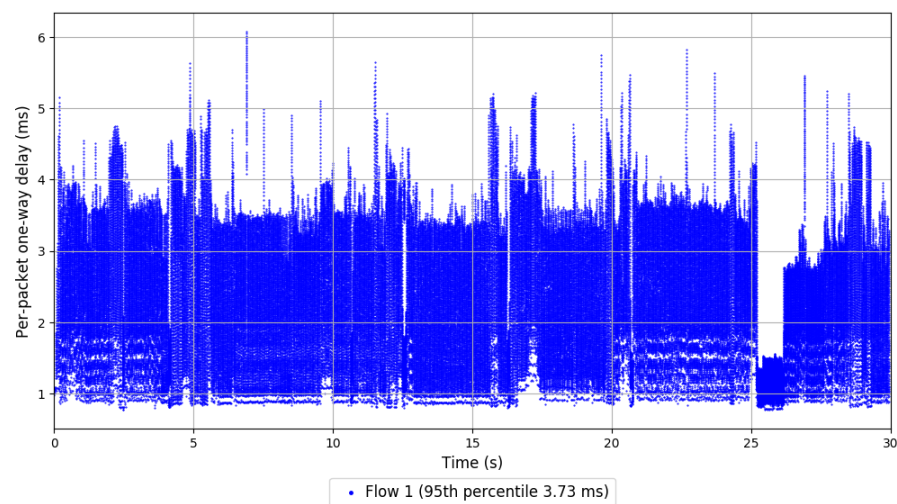
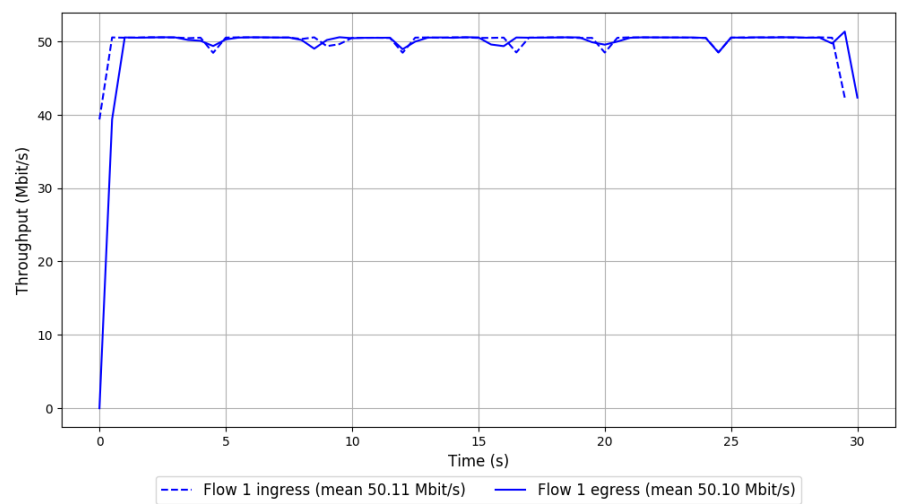


Run 2: Statistics of Sprout

Start at: 2019-02-11 12:30:25
End at: 2019-02-11 12:30:55
Local clock offset: 3.056 ms
Remote clock offset: -3.073 ms

Below is generated by plot.py at 2019-02-11 15:13:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.10 Mbit/s
95th percentile per-packet one-way delay: 3.730 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.10 Mbit/s
95th percentile per-packet one-way delay: 3.730 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

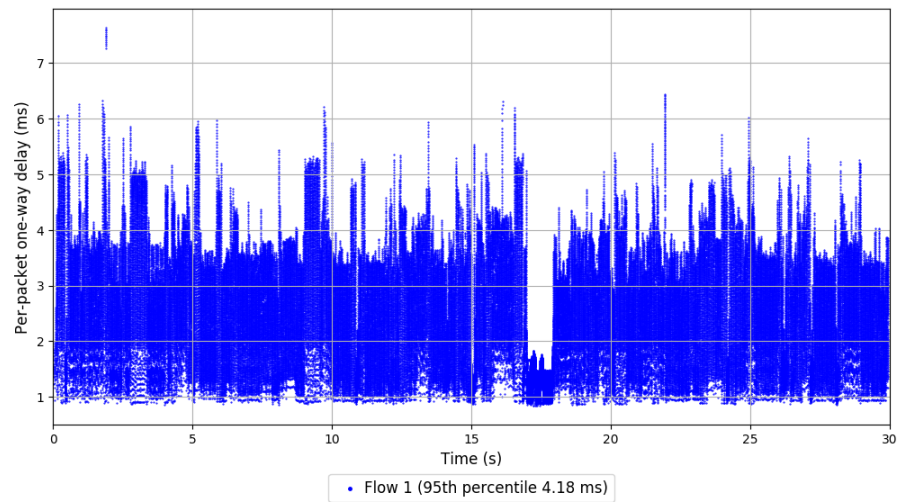
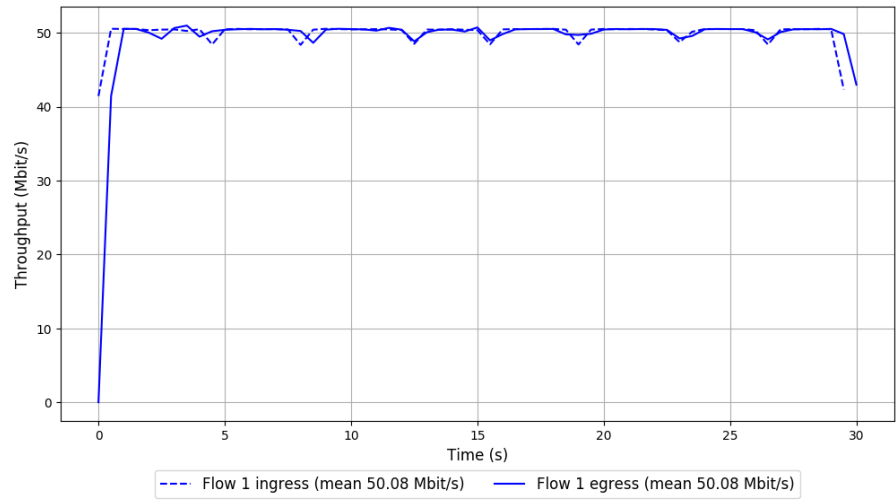


Run 3: Statistics of Sprout

Start at: 2019-02-11 12:59:33
End at: 2019-02-11 13:00:03
Local clock offset: 1.601 ms
Remote clock offset: -2.739 ms

Below is generated by plot.py at 2019-02-11 15:13:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.08 Mbit/s
95th percentile per-packet one-way delay: 4.184 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.08 Mbit/s
95th percentile per-packet one-way delay: 4.184 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

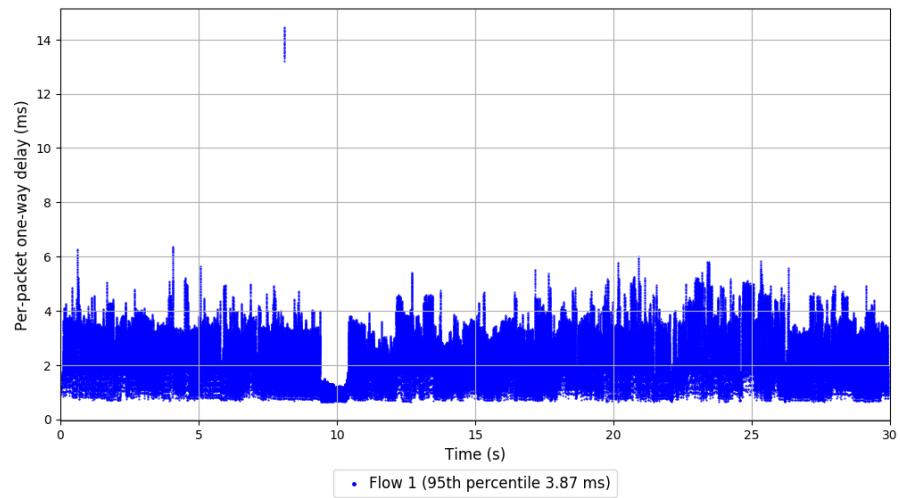
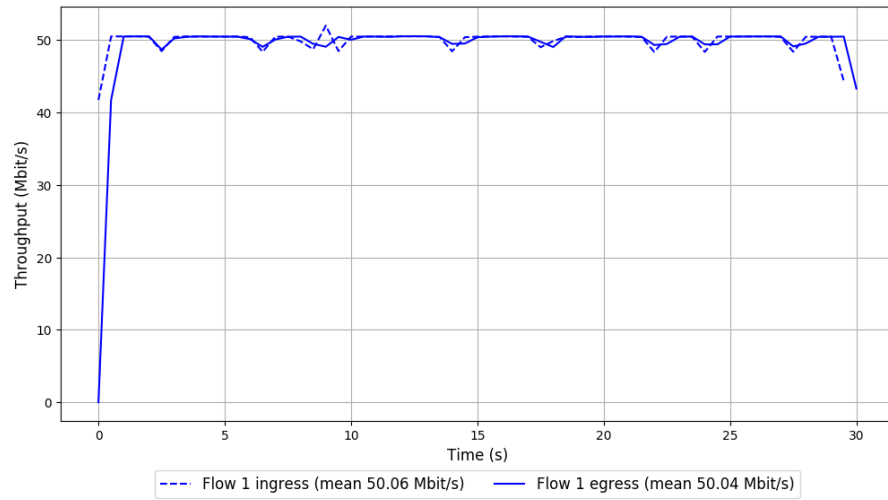


Run 4: Statistics of Sprout

Start at: 2019-02-11 13:28:41
End at: 2019-02-11 13:29:11
Local clock offset: -2.969 ms
Remote clock offset: -0.577 ms

Below is generated by plot.py at 2019-02-11 15:13:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.04 Mbit/s
95th percentile per-packet one-way delay: 3.873 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 50.04 Mbit/s
95th percentile per-packet one-way delay: 3.873 ms
Loss rate: 0.04%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2019-02-11 13:57:41

End at: 2019-02-11 13:58:11

Local clock offset: 0.669 ms

Remote clock offset: 1.178 ms

Below is generated by plot.py at 2019-02-11 15:13:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.07 Mbit/s

95th percentile per-packet one-way delay: 4.270 ms

Loss rate: 0.00%

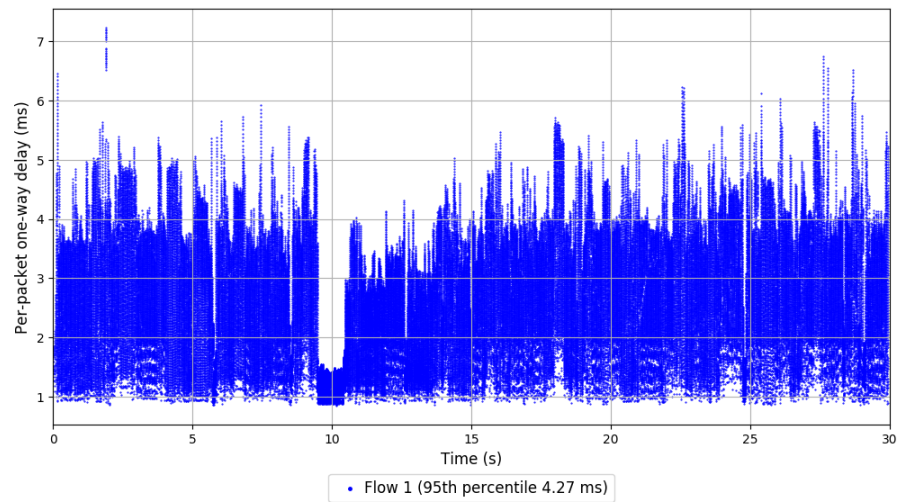
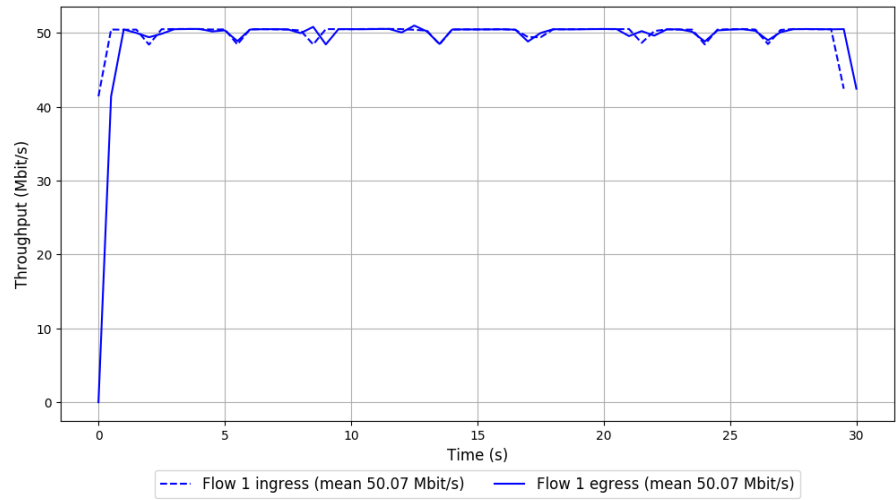
-- Flow 1:

Average throughput: 50.07 Mbit/s

95th percentile per-packet one-way delay: 4.270 ms

Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

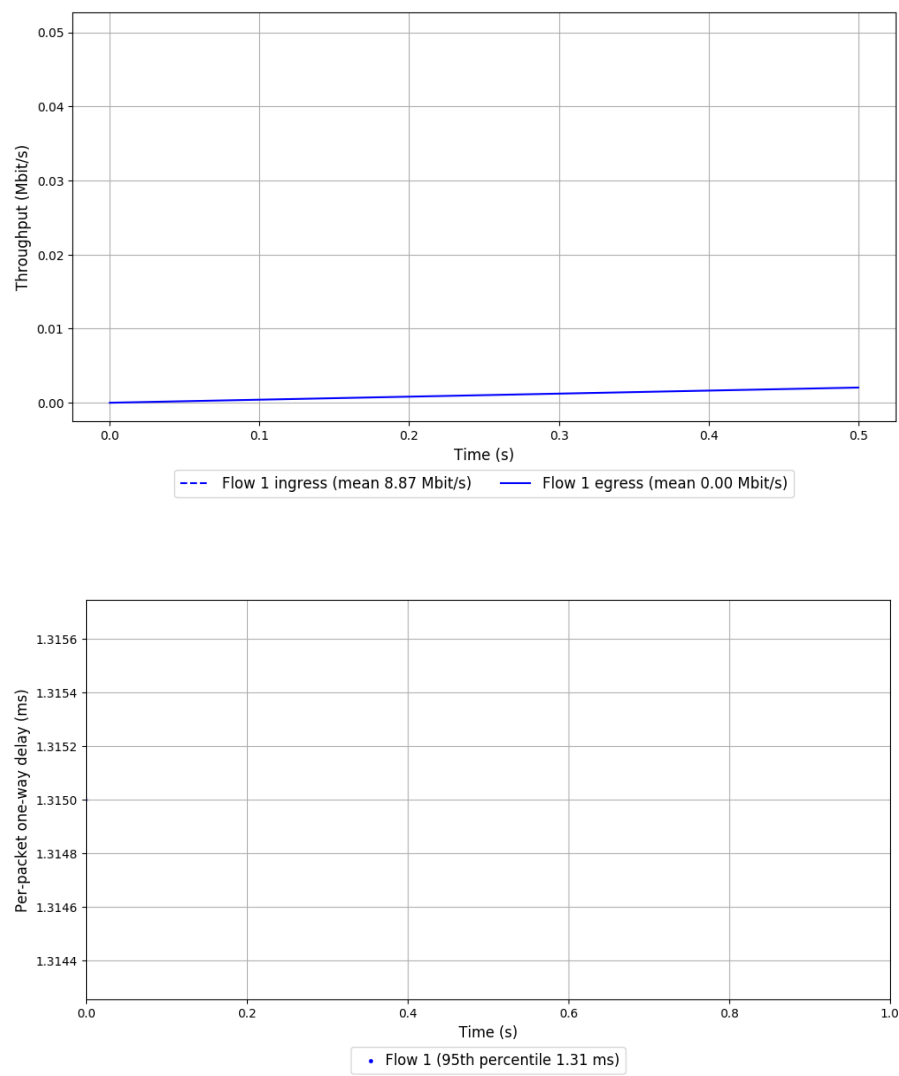
Start at: 2019-02-11 12:04:01

End at: 2019-02-11 12:04:31

Local clock offset: 9.821 ms

Remote clock offset: -4.313 ms

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



Run 2: Statistics of TaoVA-100x

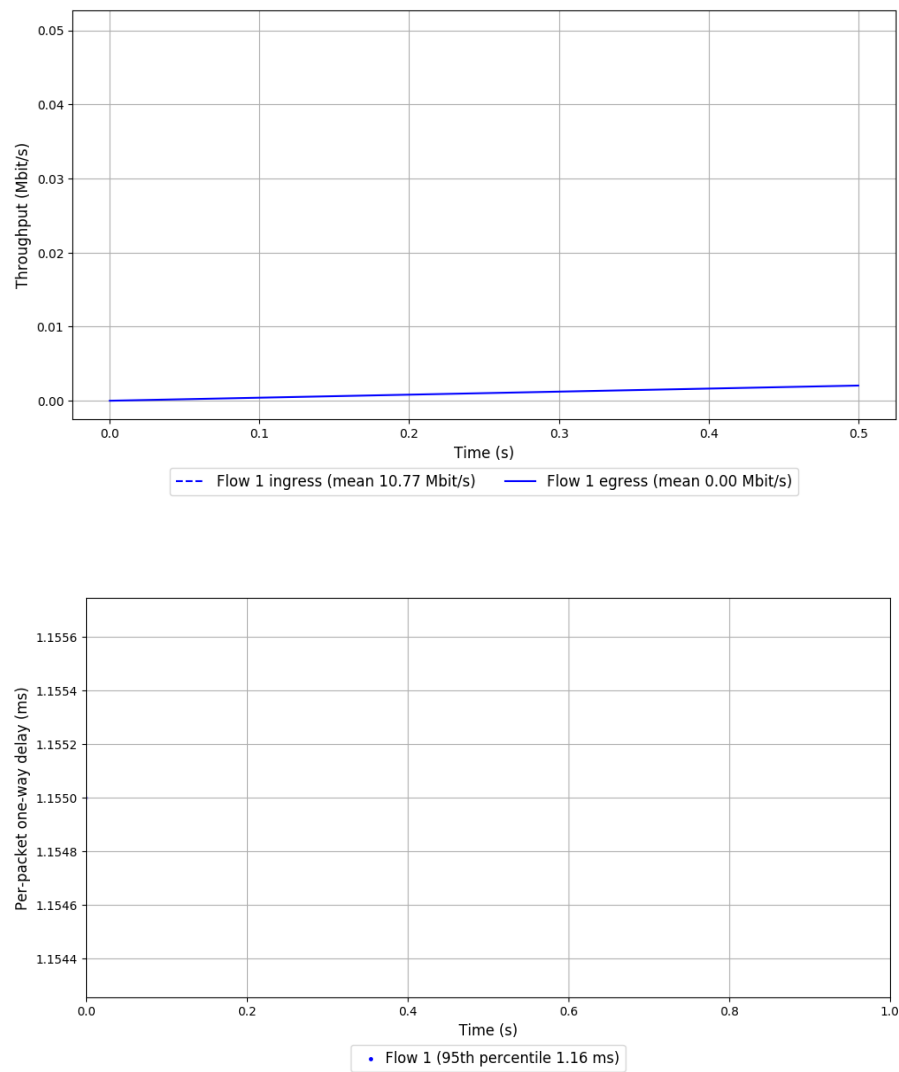
Start at: 2019-02-11 12:33:03

End at: 2019-02-11 12:33:33

Local clock offset: 3.159 ms

Remote clock offset: -2.956 ms

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



Run 3: Statistics of TaoVA-100x

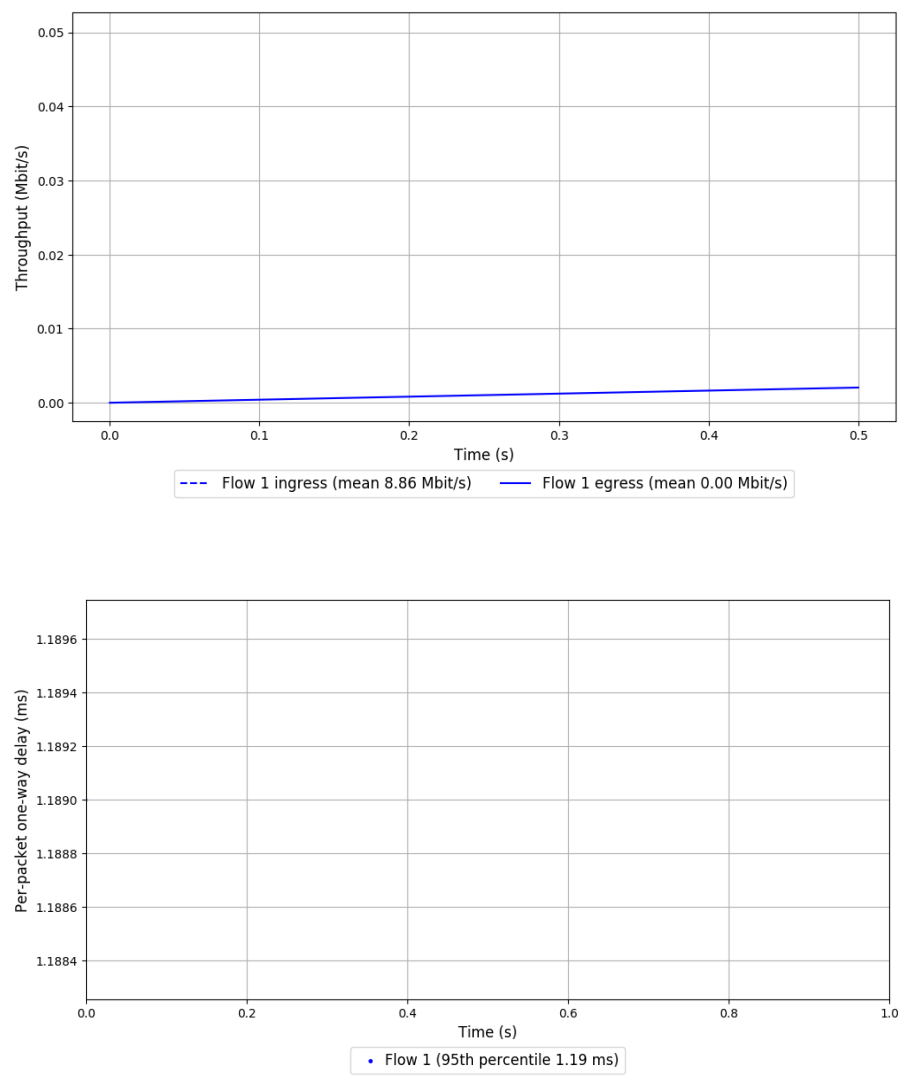
Start at: 2019-02-11 13:02:07

End at: 2019-02-11 13:02:37

Local clock offset: 1.676 ms

Remote clock offset: -2.814 ms

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



Run 4: Statistics of TaoVA-100x

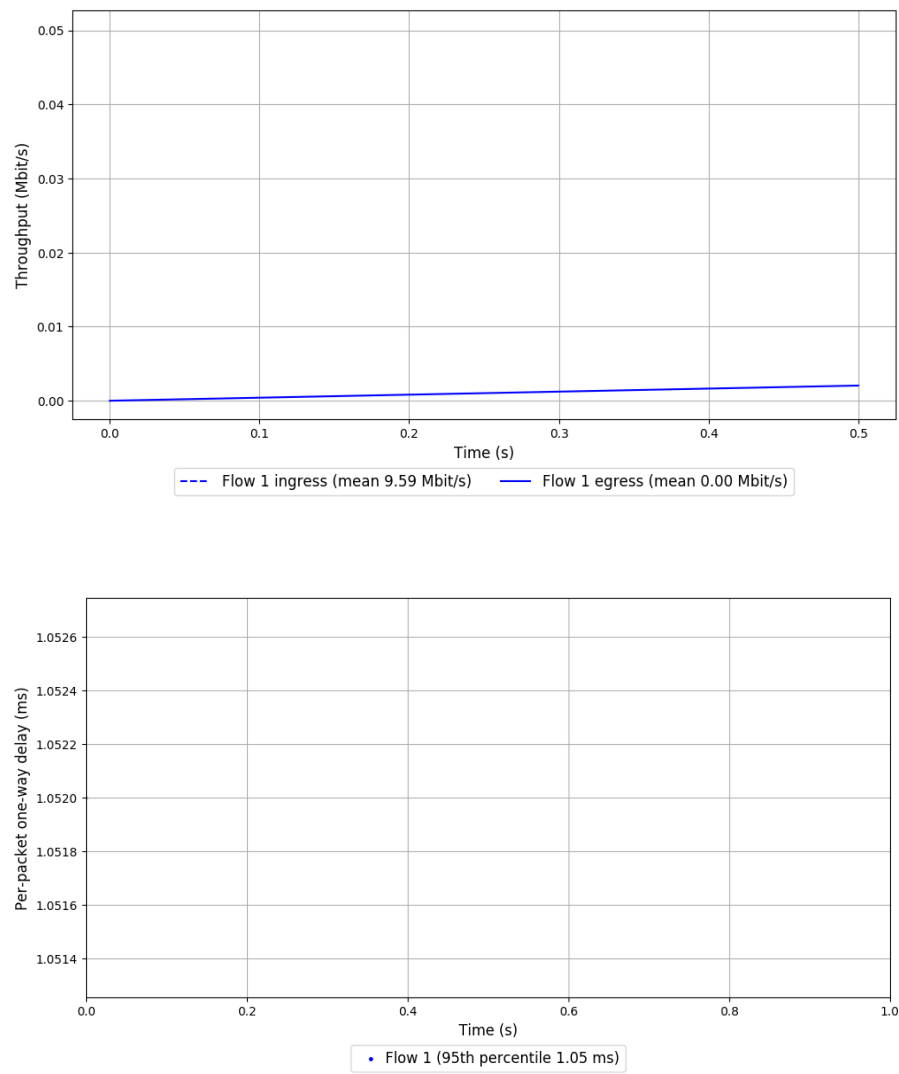
Start at: 2019-02-11 13:31:16

End at: 2019-02-11 13:31:46

Local clock offset: -3.091 ms

Remote clock offset: -0.293 ms

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



Run 5: Statistics of TaoVA-100x

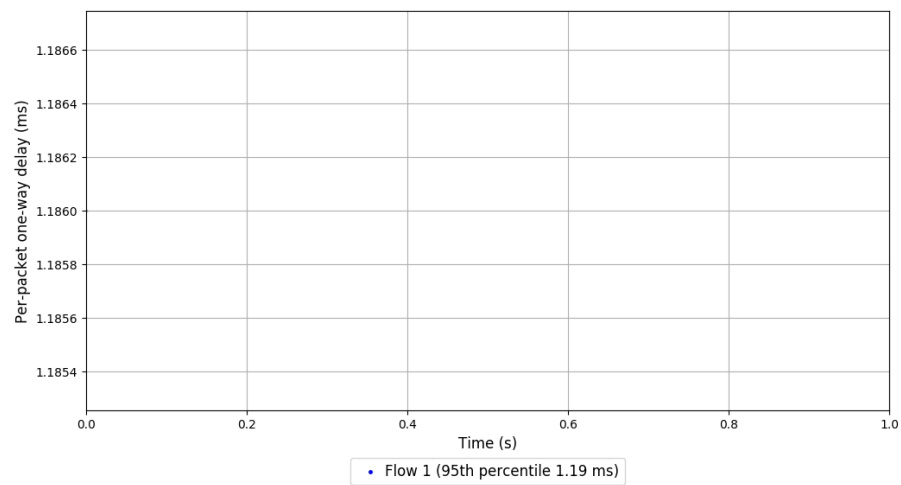
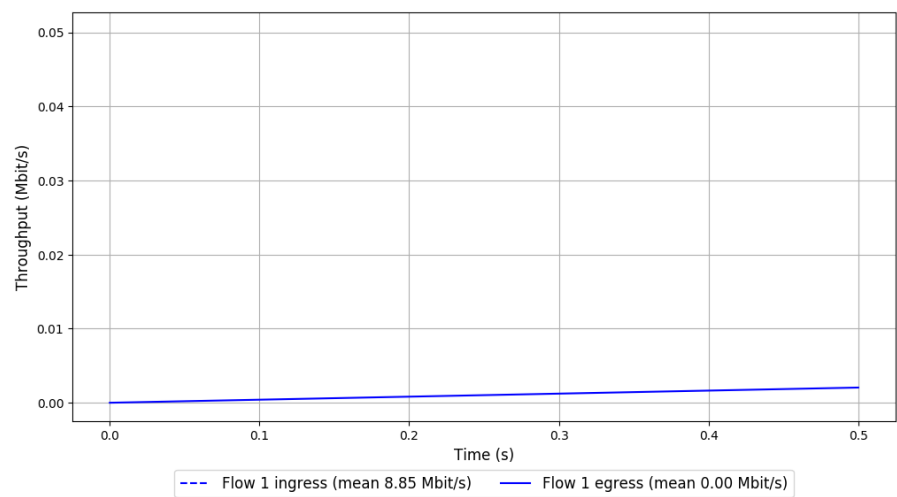
Start at: 2019-02-11 14:00:14

End at: 2019-02-11 14:00:44

Local clock offset: 0.798 ms

Remote clock offset: 1.291 ms

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

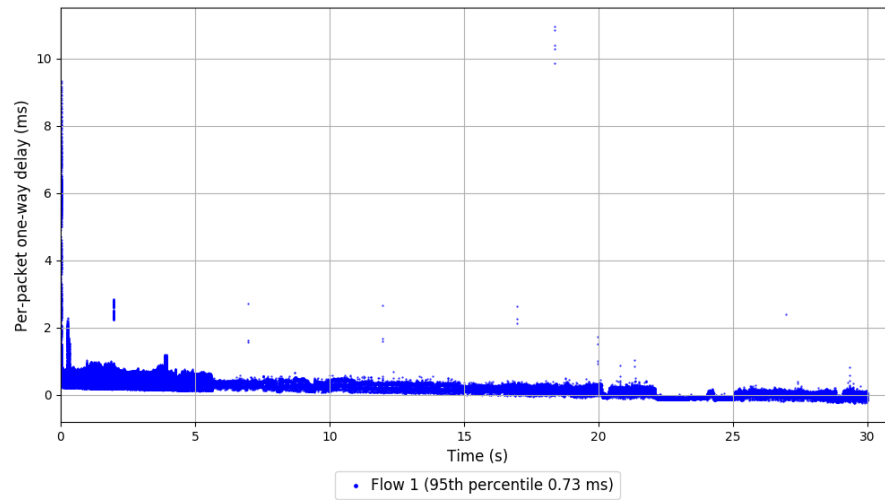
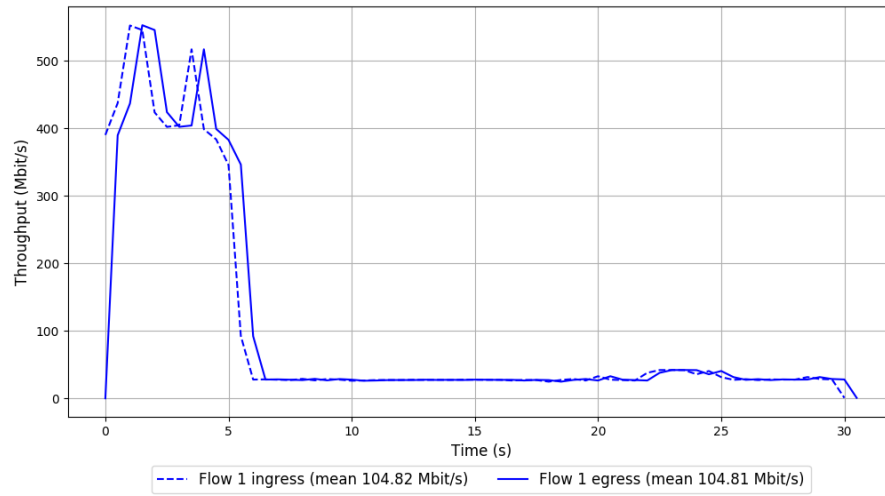


Run 1: Statistics of TCP Vegas

Start at: 2019-02-11 12:06:28
End at: 2019-02-11 12:06:58
Local clock offset: 8.224 ms
Remote clock offset: -4.446 ms

Below is generated by plot.py at 2019-02-11 15:13:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 104.81 Mbit/s
95th percentile per-packet one-way delay: 0.730 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 104.81 Mbit/s
95th percentile per-packet one-way delay: 0.730 ms
Loss rate: 0.01%

Run 1: Report of TCP Vegas — Data Link

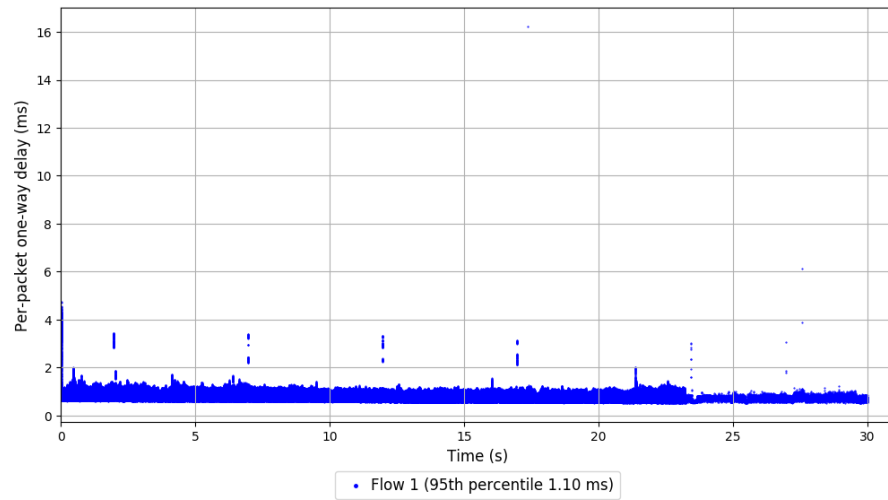
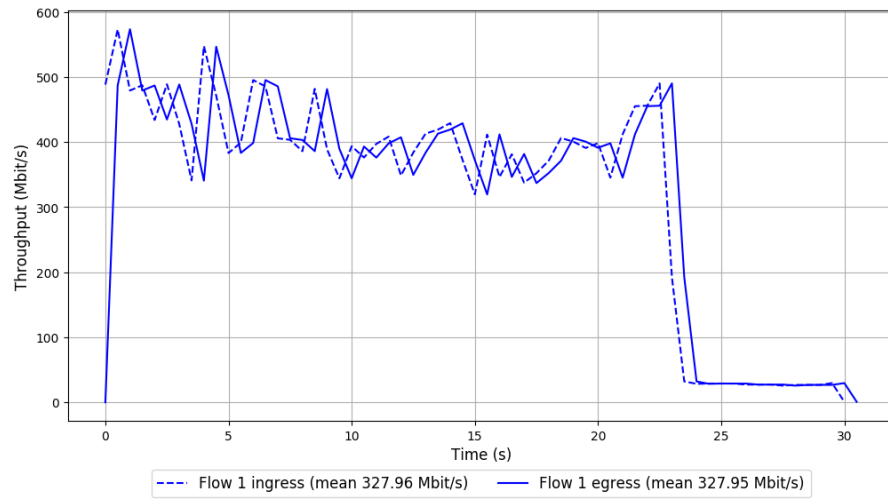


Run 2: Statistics of TCP Vegas

Start at: 2019-02-11 12:35:30
End at: 2019-02-11 12:36:00
Local clock offset: 3.015 ms
Remote clock offset: -3.005 ms

Below is generated by plot.py at 2019-02-11 15:13:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 327.95 Mbit/s
95th percentile per-packet one-way delay: 1.098 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 327.95 Mbit/s
95th percentile per-packet one-way delay: 1.098 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2019-02-11 13:04:34

End at: 2019-02-11 13:05:04

Local clock offset: 1.753 ms

Remote clock offset: -2.74 ms

Below is generated by plot.py at 2019-02-11 15:13:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.79 Mbit/s

95th percentile per-packet one-way delay: 0.973 ms

Loss rate: 0.00%

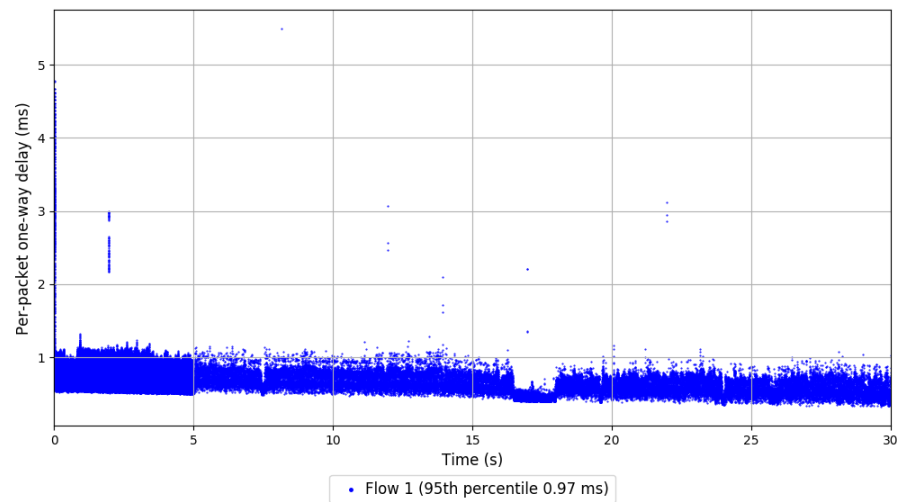
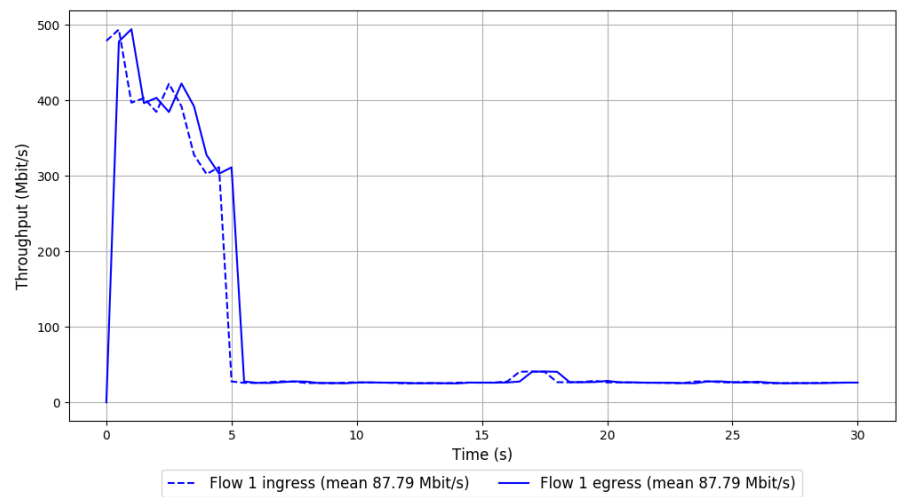
-- Flow 1:

Average throughput: 87.79 Mbit/s

95th percentile per-packet one-way delay: 0.973 ms

Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2019-02-11 13:33:42

End at: 2019-02-11 13:34:12

Local clock offset: -3.181 ms

Remote clock offset: -0.22 ms

Below is generated by plot.py at 2019-02-11 15:13:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 111.83 Mbit/s

95th percentile per-packet one-way delay: 1.133 ms

Loss rate: 0.00%

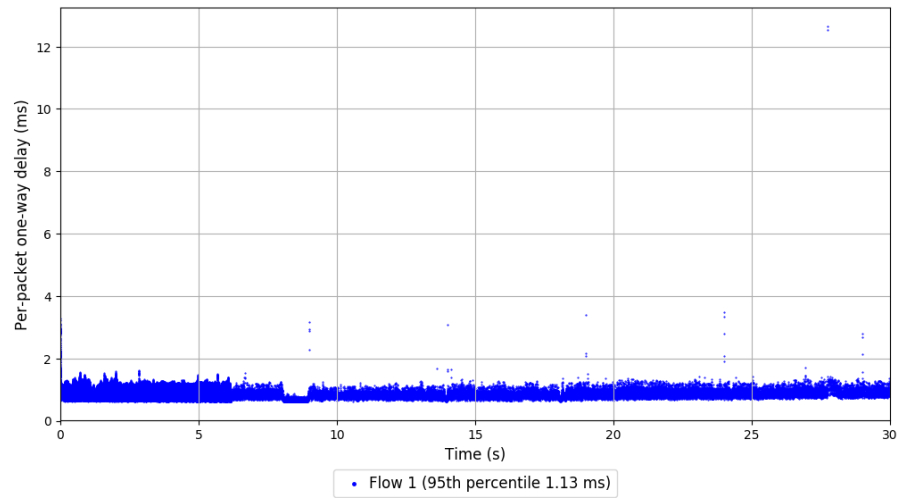
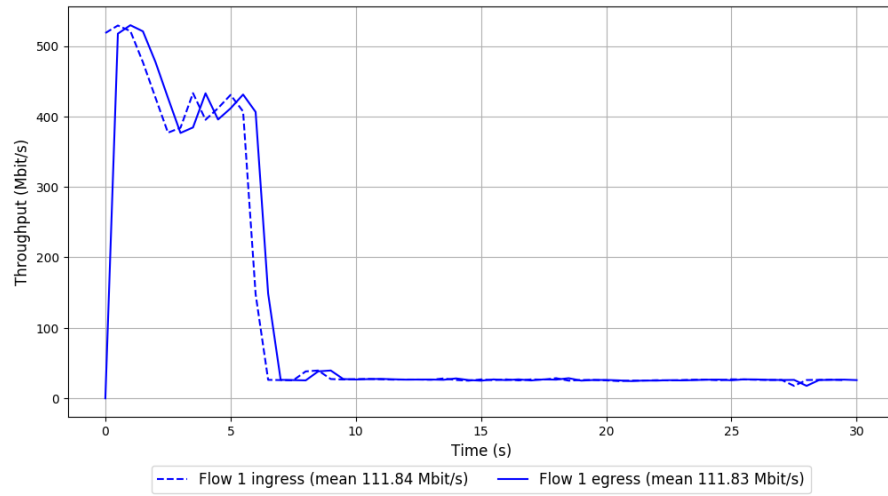
-- Flow 1:

Average throughput: 111.83 Mbit/s

95th percentile per-packet one-way delay: 1.133 ms

Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2019-02-11 14:02:40

End at: 2019-02-11 14:03:10

Local clock offset: 0.885 ms

Remote clock offset: 1.358 ms

Below is generated by plot.py at 2019-02-11 15:13:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.33 Mbit/s

95th percentile per-packet one-way delay: 1.246 ms

Loss rate: 0.01%

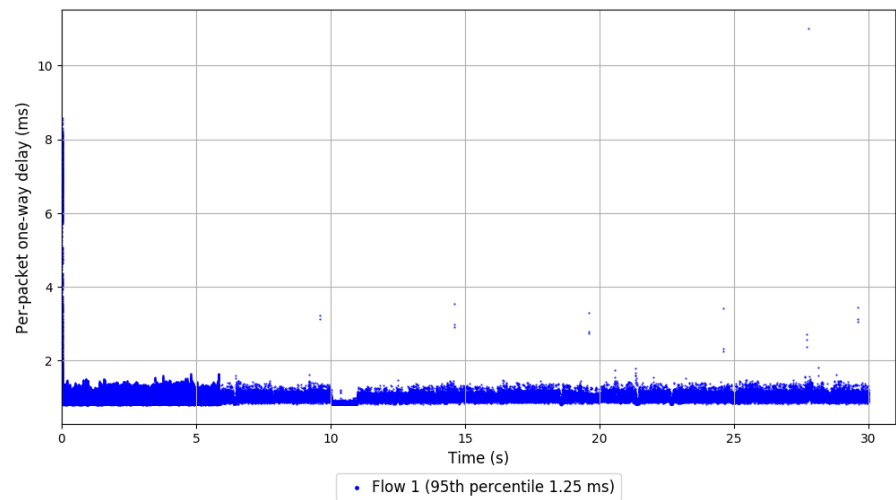
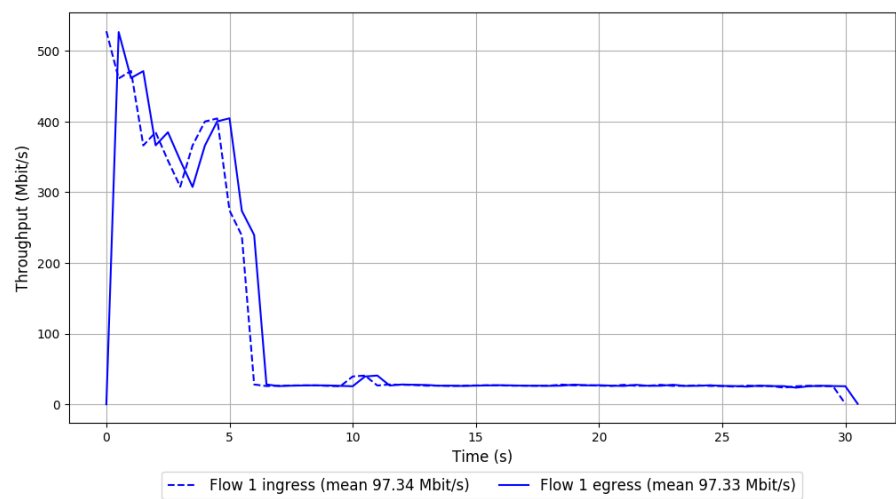
-- Flow 1:

Average throughput: 97.33 Mbit/s

95th percentile per-packet one-way delay: 1.246 ms

Loss rate: 0.01%

Run 5: Report of TCP Vegas — Data Link

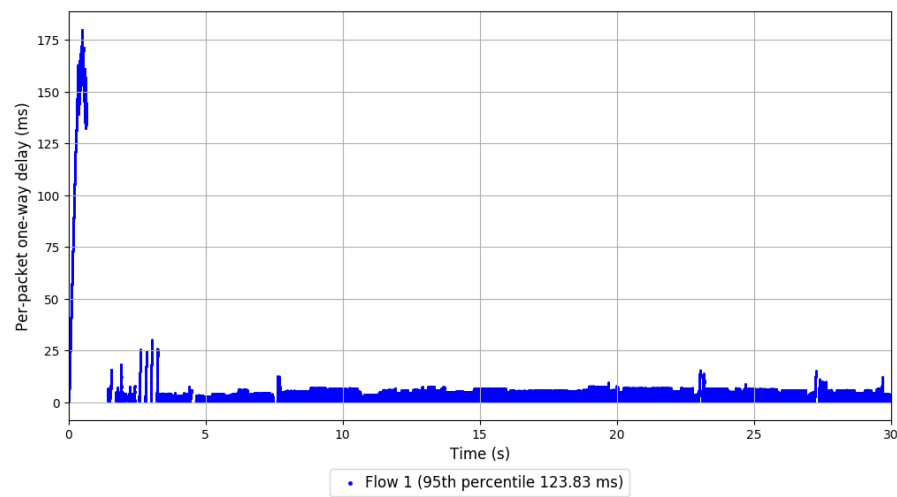
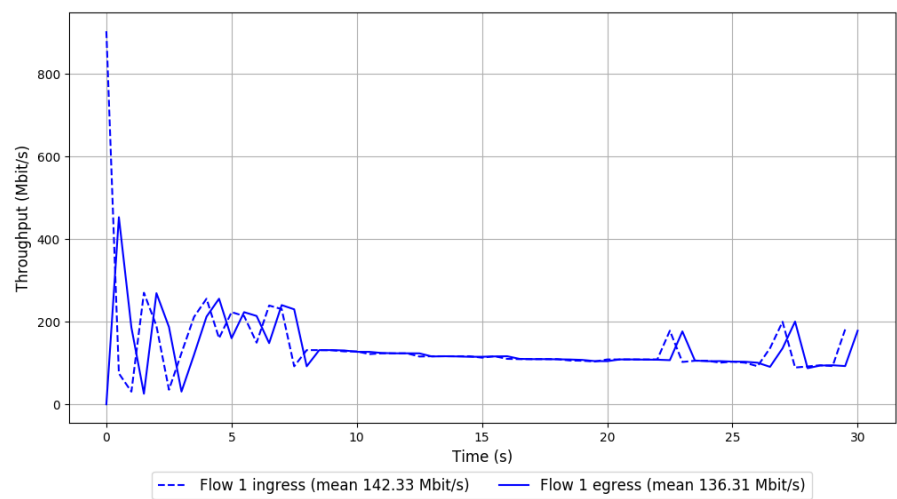


Run 1: Statistics of Verus

Start at: 2019-02-11 12:10:46
End at: 2019-02-11 12:11:16
Local clock offset: 5.522 ms
Remote clock offset: -3.793 ms

Below is generated by plot.py at 2019-02-11 15:13:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 136.31 Mbit/s
95th percentile per-packet one-way delay: 123.826 ms
Loss rate: 4.23%
-- Flow 1:
Average throughput: 136.31 Mbit/s
95th percentile per-packet one-way delay: 123.826 ms
Loss rate: 4.23%

Run 1: Report of Verus — Data Link

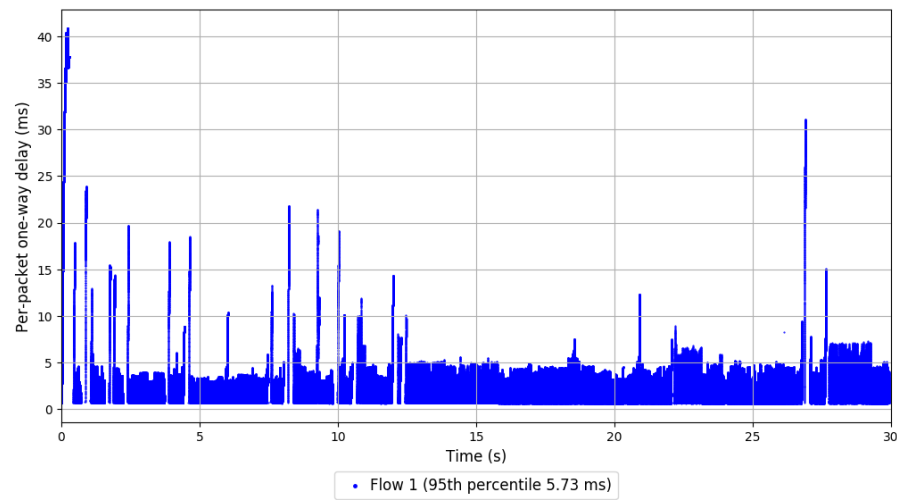
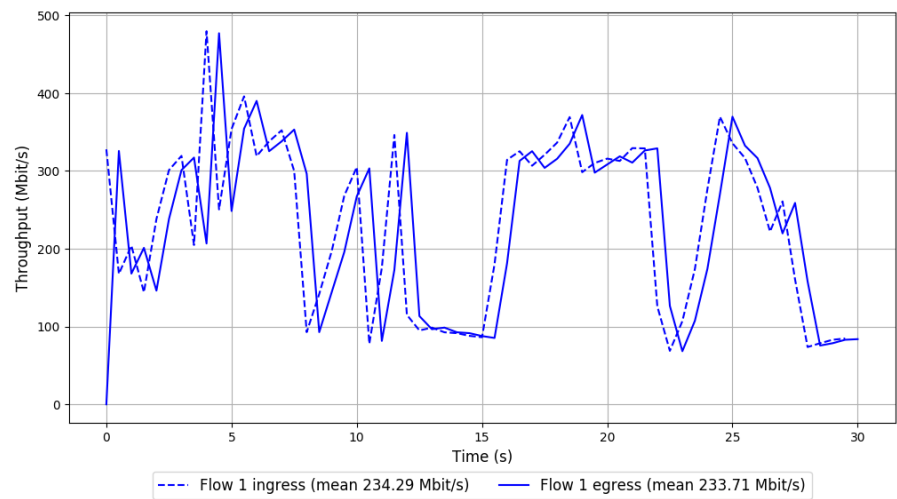


Run 2: Statistics of Verus

Start at: 2019-02-11 12:39:55
End at: 2019-02-11 12:40:25
Local clock offset: 2.112 ms
Remote clock offset: -3.078 ms

Below is generated by plot.py at 2019-02-11 15:14:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 233.71 Mbit/s
95th percentile per-packet one-way delay: 5.729 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 233.71 Mbit/s
95th percentile per-packet one-way delay: 5.729 ms
Loss rate: 0.24%

Run 2: Report of Verus — Data Link

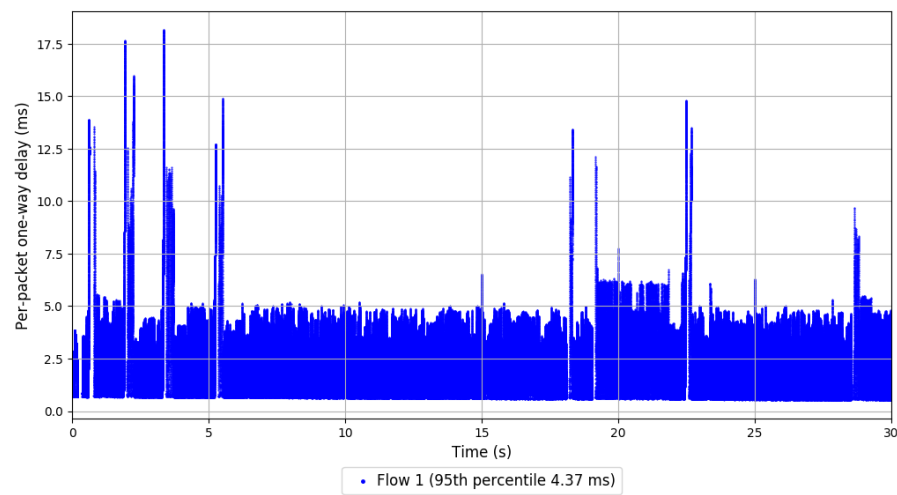
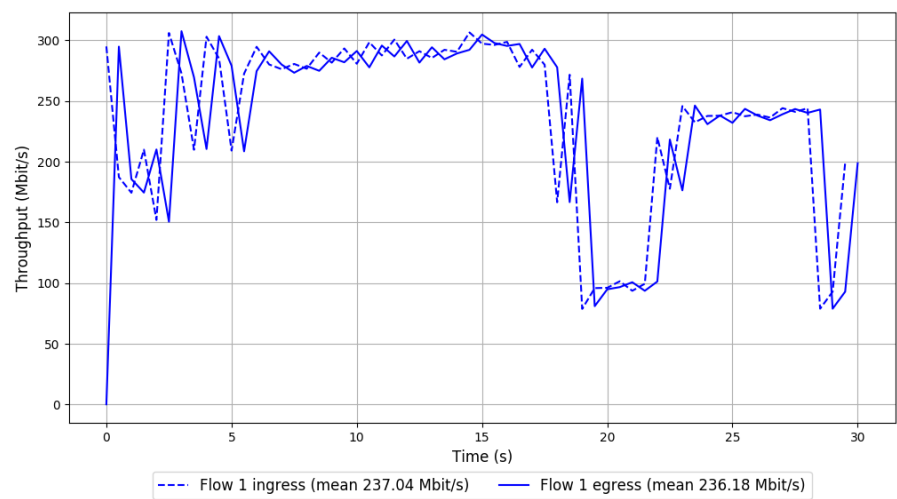


Run 3: Statistics of Verus

Start at: 2019-02-11 13:08:51
End at: 2019-02-11 13:09:21
Local clock offset: -0.104 ms
Remote clock offset: -2.762 ms

Below is generated by plot.py at 2019-02-11 15:14:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 236.18 Mbit/s
95th percentile per-packet one-way delay: 4.368 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 236.18 Mbit/s
95th percentile per-packet one-way delay: 4.368 ms
Loss rate: 0.36%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2019-02-11 13:37:59

End at: 2019-02-11 13:38:29

Local clock offset: -2.003 ms

Remote clock offset: 0.138 ms

Below is generated by plot.py at 2019-02-11 15:14:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 248.14 Mbit/s

95th percentile per-packet one-way delay: 9.295 ms

Loss rate: 0.06%

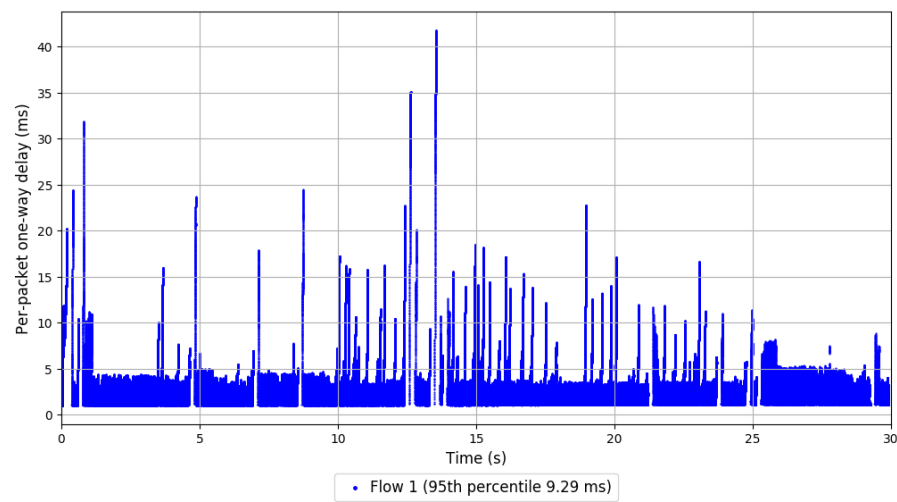
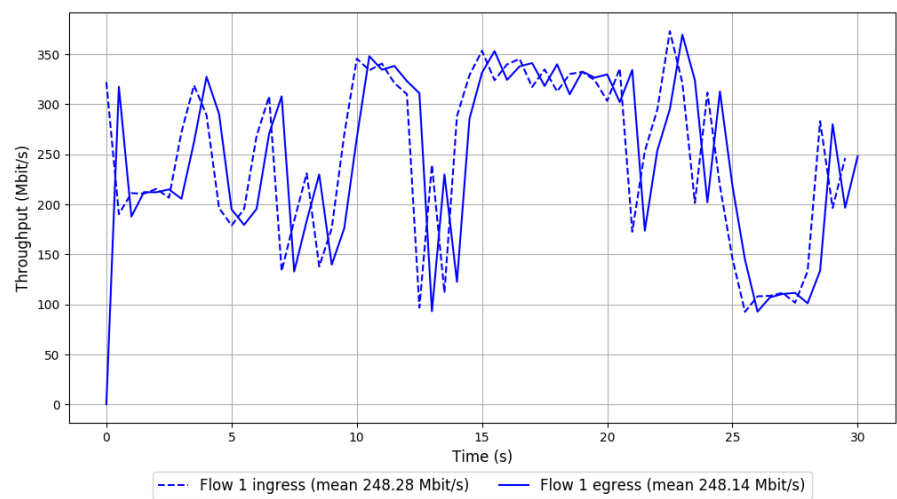
-- Flow 1:

Average throughput: 248.14 Mbit/s

95th percentile per-packet one-way delay: 9.295 ms

Loss rate: 0.06%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2019-02-11 14:06:56

End at: 2019-02-11 14:07:26

Local clock offset: 0.79 ms

Remote clock offset: 1.516 ms

Below is generated by plot.py at 2019-02-11 15:14:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 238.18 Mbit/s

95th percentile per-packet one-way delay: 5.563 ms

Loss rate: 0.03%

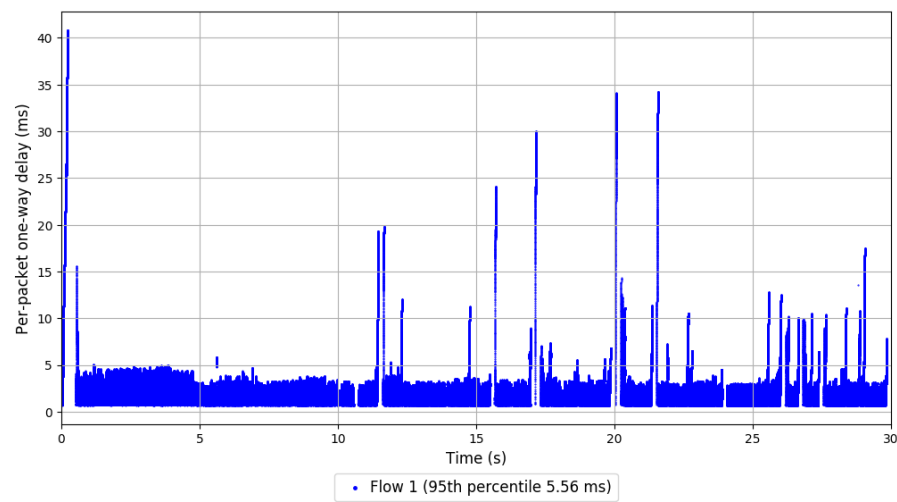
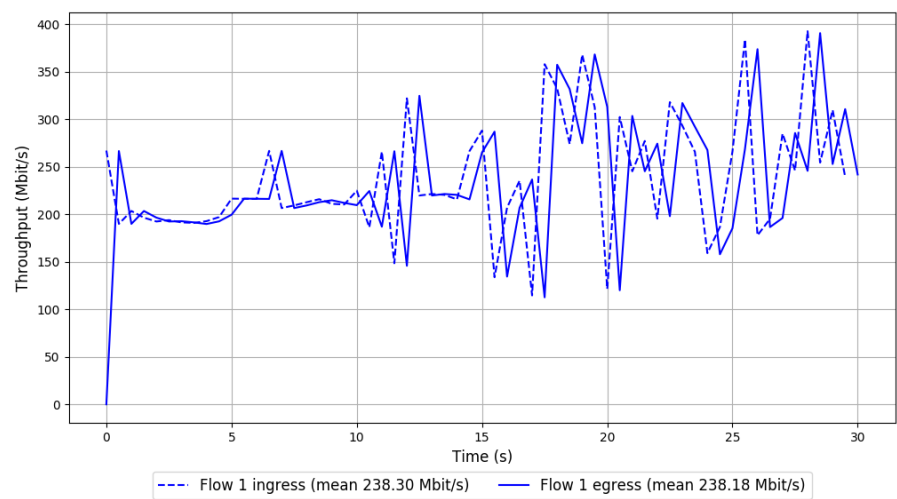
-- Flow 1:

Average throughput: 238.18 Mbit/s

95th percentile per-packet one-way delay: 5.563 ms

Loss rate: 0.03%

Run 5: Report of Verus — Data Link

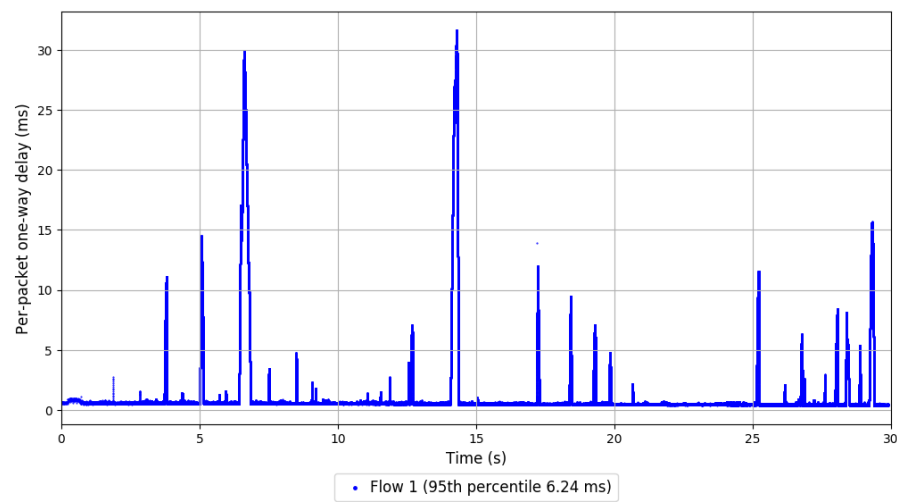
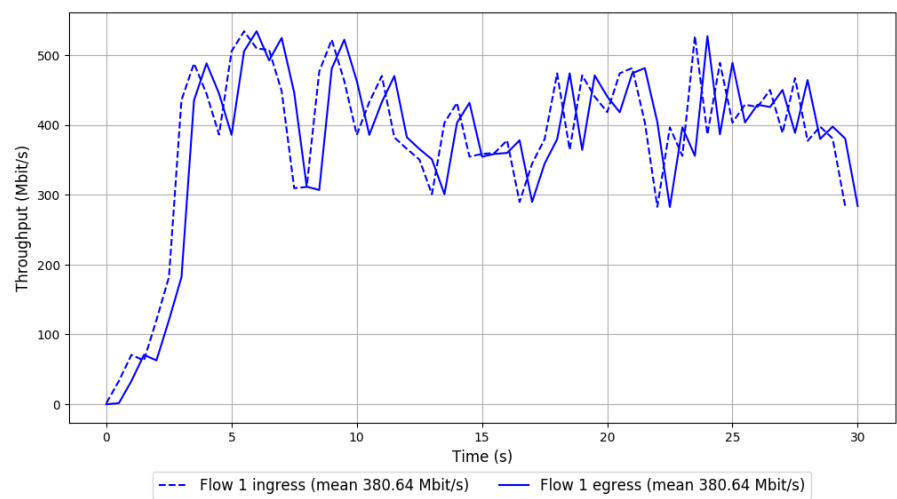


Run 1: Statistics of PCC-Vivace

Start at: 2019-02-11 12:13:21
End at: 2019-02-11 12:13:51
Local clock offset: 4.549 ms
Remote clock offset: -3.578 ms

Below is generated by plot.py at 2019-02-11 15:16:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 380.64 Mbit/s
95th percentile per-packet one-way delay: 6.241 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 380.64 Mbit/s
95th percentile per-packet one-way delay: 6.241 ms
Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link

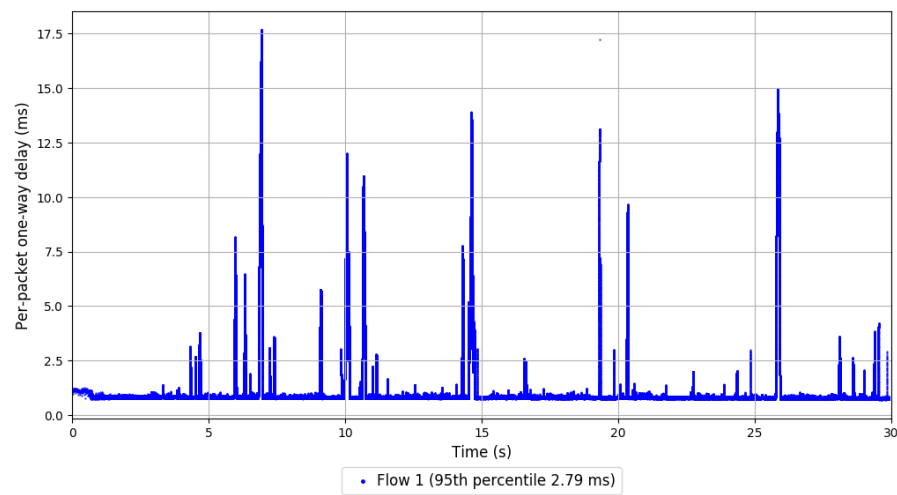
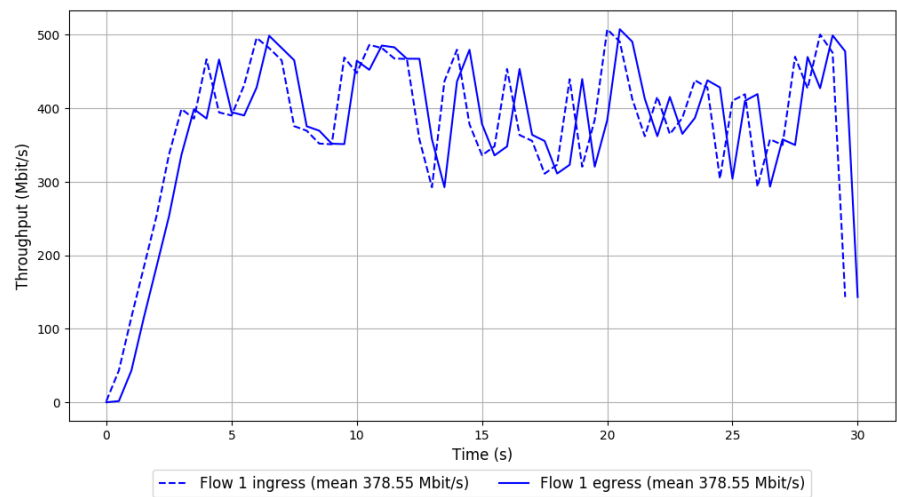


Run 2: Statistics of PCC-Vivace

Start at: 2019-02-11 12:42:39
End at: 2019-02-11 12:43:09
Local clock offset: 1.787 ms
Remote clock offset: -2.913 ms

Below is generated by plot.py at 2019-02-11 15:16:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 378.55 Mbit/s
95th percentile per-packet one-way delay: 2.785 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 378.55 Mbit/s
95th percentile per-packet one-way delay: 2.785 ms
Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2019-02-11 13:11:30

End at: 2019-02-11 13:12:00

Local clock offset: -0.83 ms

Remote clock offset: -2.782 ms

Below is generated by plot.py at 2019-02-11 15:16:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 364.63 Mbit/s

95th percentile per-packet one-way delay: 6.643 ms

Loss rate: 0.00%

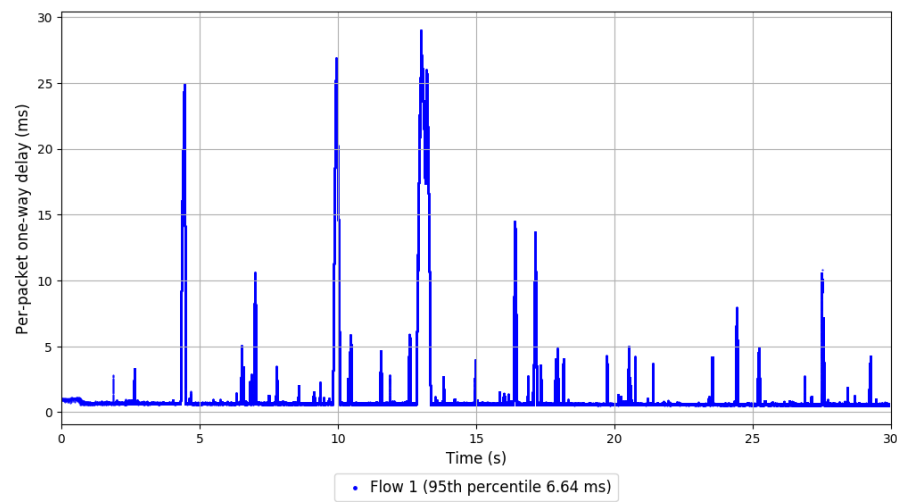
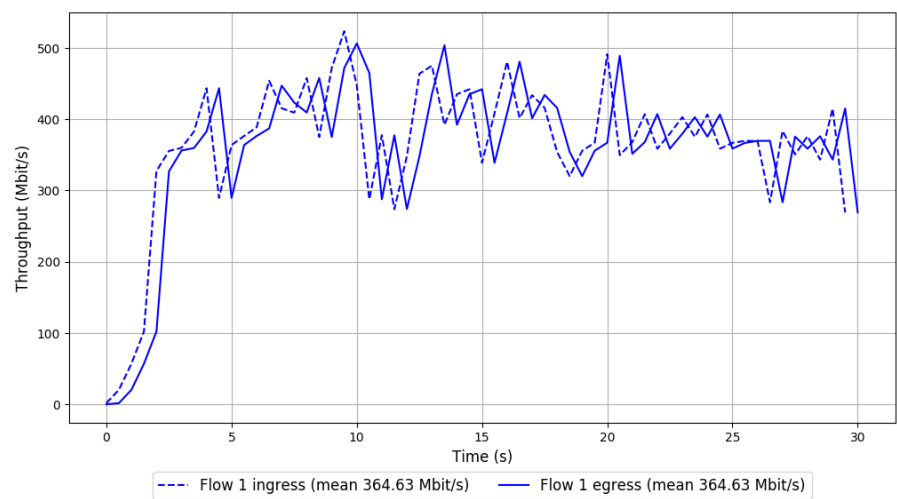
-- Flow 1:

Average throughput: 364.63 Mbit/s

95th percentile per-packet one-way delay: 6.643 ms

Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link



Run 4: Statistics of PCC-Vivace

Start at: 2019-02-11 13:40:38

End at: 2019-02-11 13:41:08

Local clock offset: -1.25 ms

Remote clock offset: 0.244 ms

Below is generated by plot.py at 2019-02-11 15:16:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 343.36 Mbit/s

95th percentile per-packet one-way delay: 1.360 ms

Loss rate: 0.00%

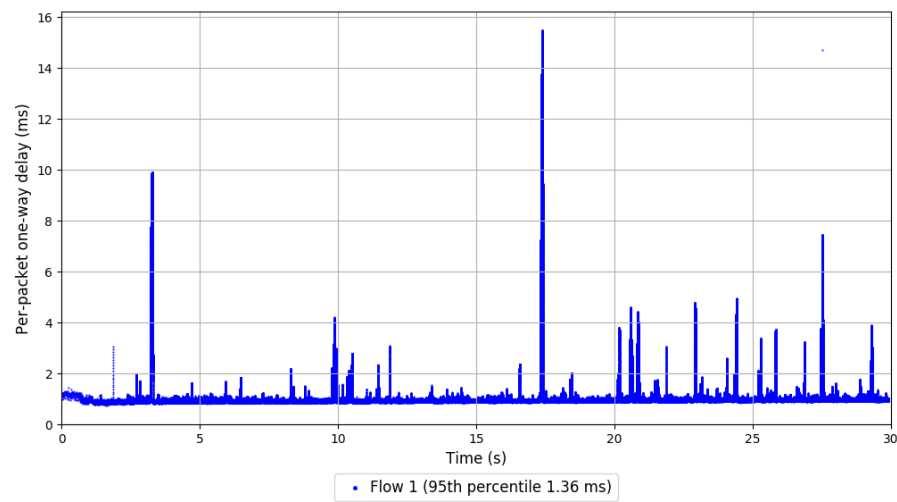
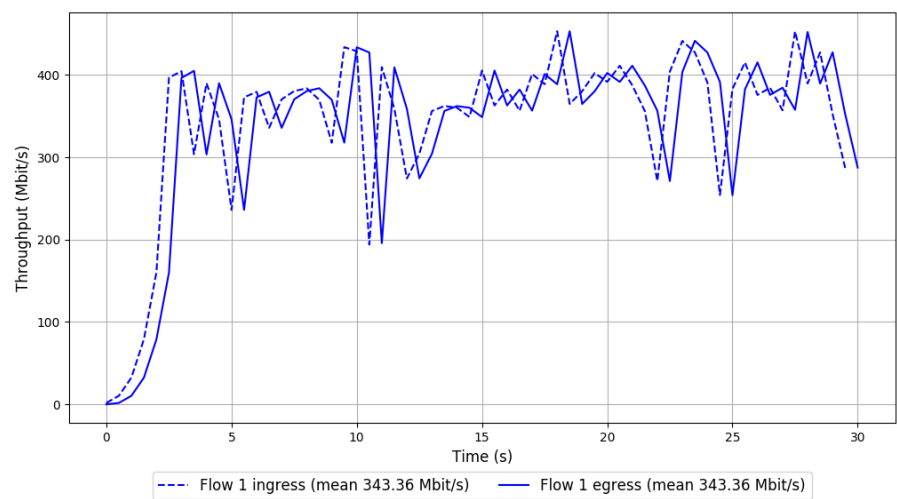
-- Flow 1:

Average throughput: 343.36 Mbit/s

95th percentile per-packet one-way delay: 1.360 ms

Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2019-02-11 14:09:35

End at: 2019-02-11 14:10:05

Local clock offset: 0.682 ms

Remote clock offset: 1.722 ms

Below is generated by plot.py at 2019-02-11 15:16:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 341.84 Mbit/s

95th percentile per-packet one-way delay: 37.885 ms

Loss rate: 0.06%

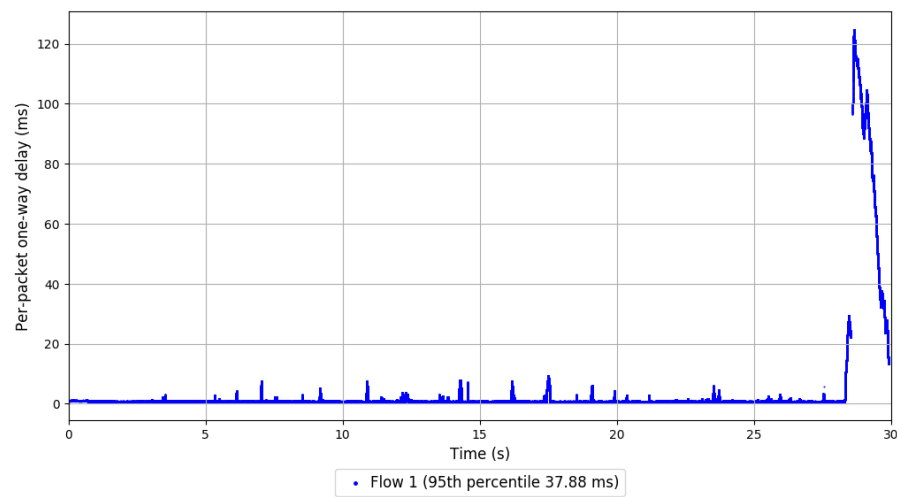
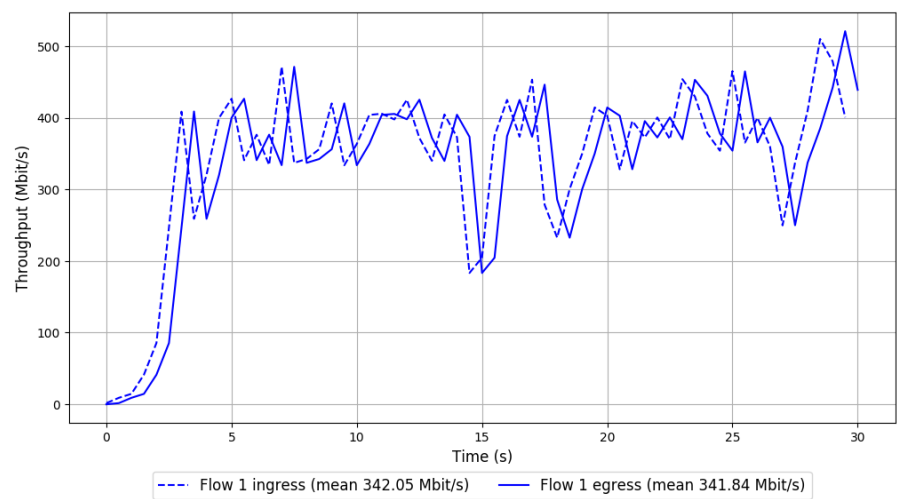
-- Flow 1:

Average throughput: 341.84 Mbit/s

95th percentile per-packet one-way delay: 37.885 ms

Loss rate: 0.06%

Run 5: Report of PCC-Vivace — Data Link

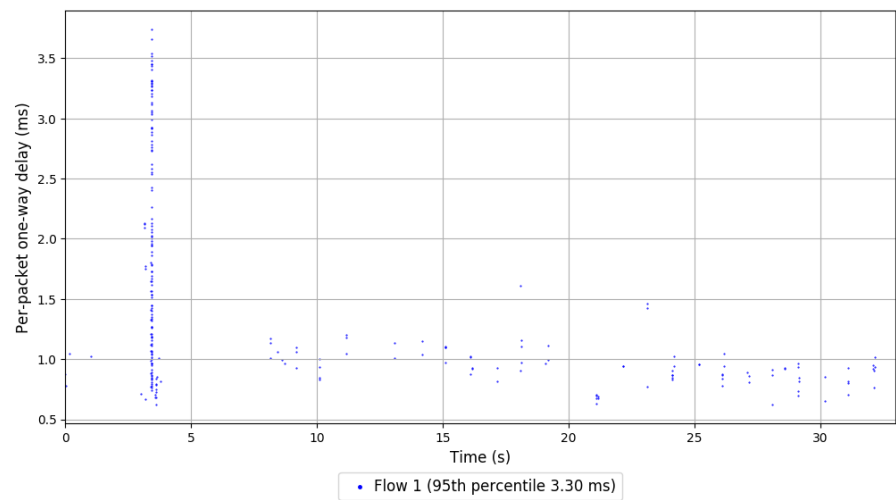
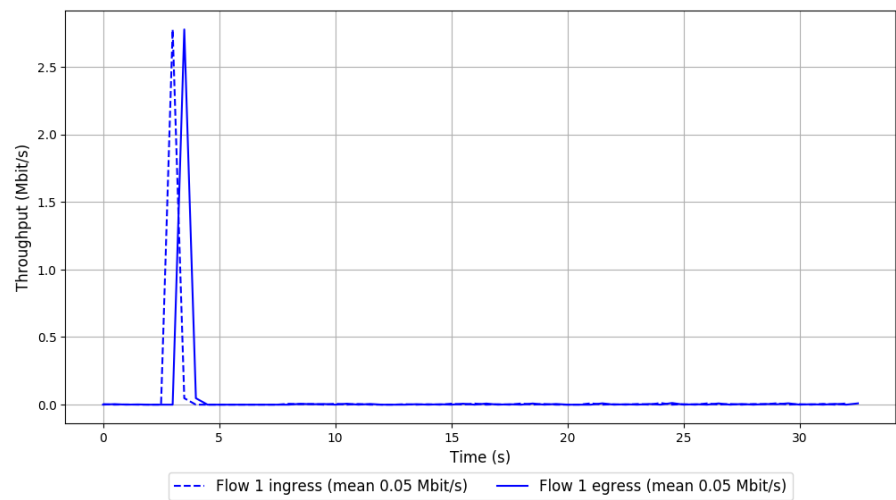


Run 1: Statistics of WebRTC media

Start at: 2019-02-11 12:23:02
End at: 2019-02-11 12:23:32
Local clock offset: 3.047 ms
Remote clock offset: -3.188 ms

Below is generated by plot.py at 2019-02-11 15:16:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.296 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.296 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2019-02-11 12:52:11

End at: 2019-02-11 12:52:41

Local clock offset: 1.479 ms

Remote clock offset: -2.88 ms

Below is generated by plot.py at 2019-02-11 15:16:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 6.397 ms

Loss rate: 0.00%

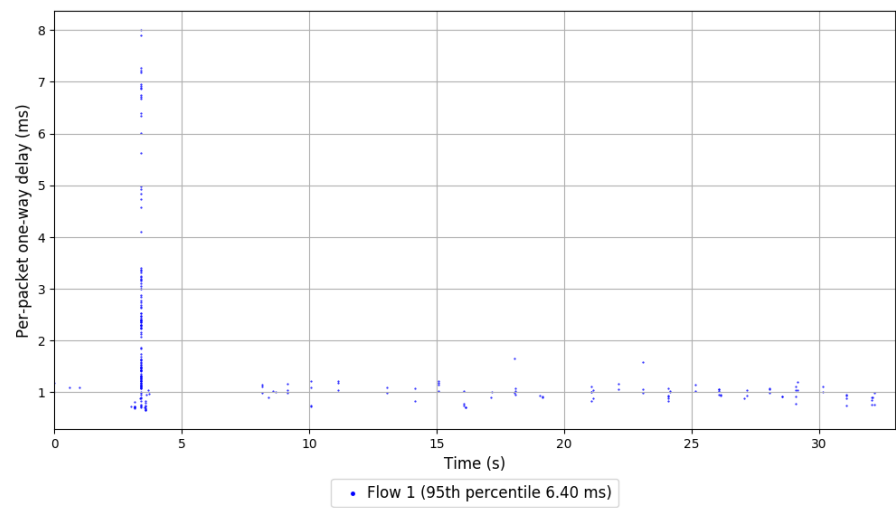
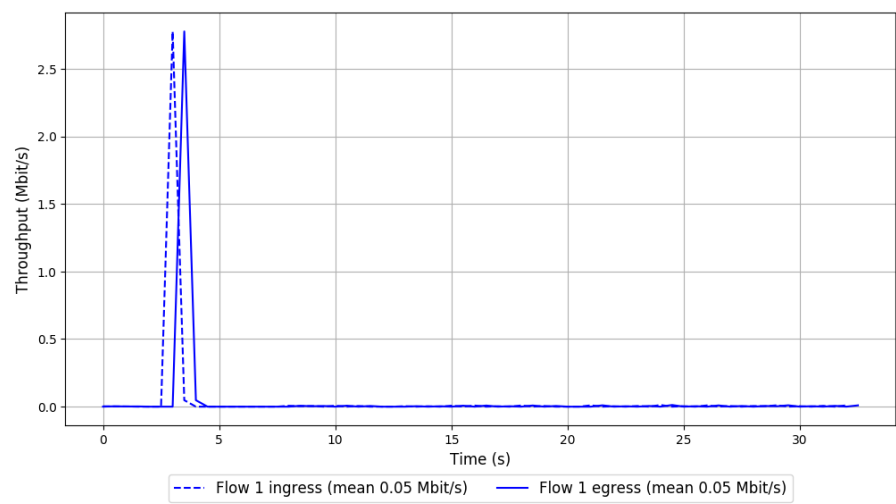
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 6.397 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2019-02-11 13:21:17

End at: 2019-02-11 13:21:47

Local clock offset: -2.419 ms

Remote clock offset: -1.4 ms

Below is generated by plot.py at 2019-02-11 15:16:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 2.445 ms

Loss rate: 0.00%

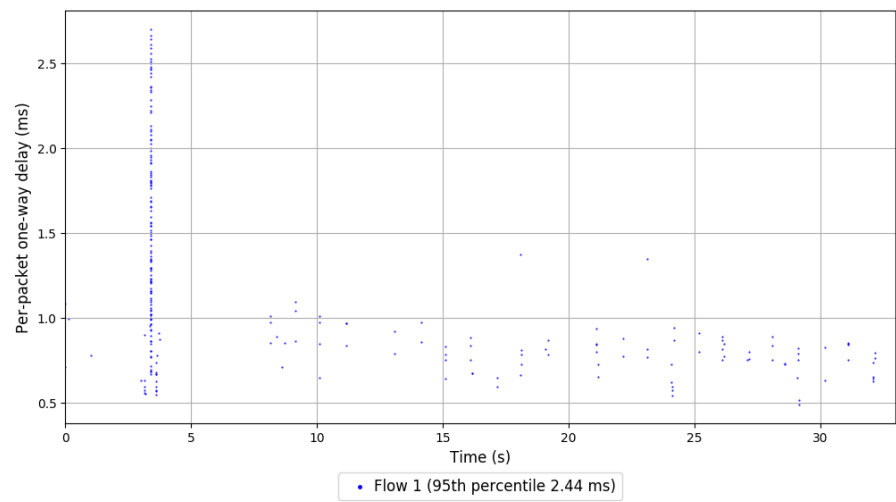
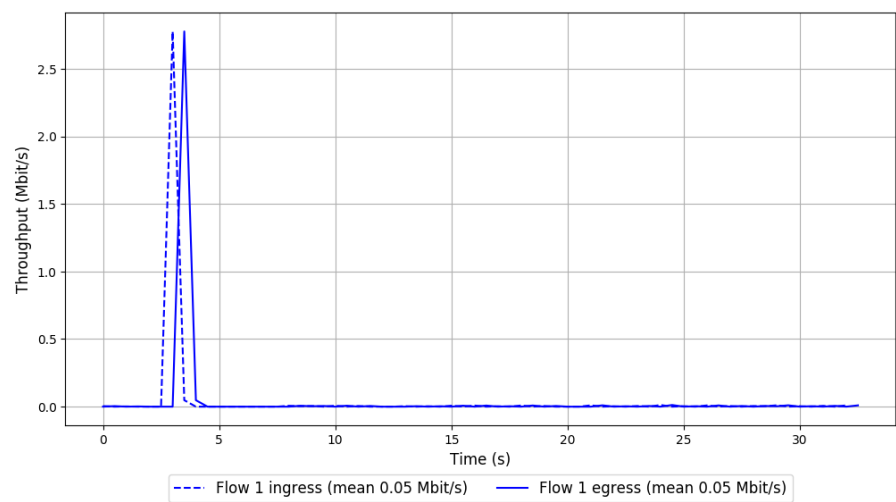
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 2.445 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2019-02-11 13:50:20

End at: 2019-02-11 13:50:50

Local clock offset: 0.146 ms

Remote clock offset: 0.785 ms

Below is generated by plot.py at 2019-02-11 15:16:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 1.272 ms

Loss rate: 0.00%

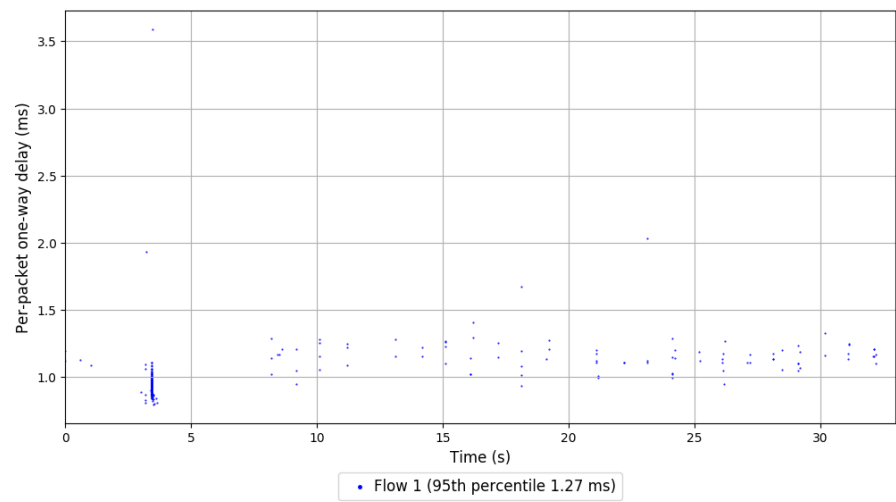
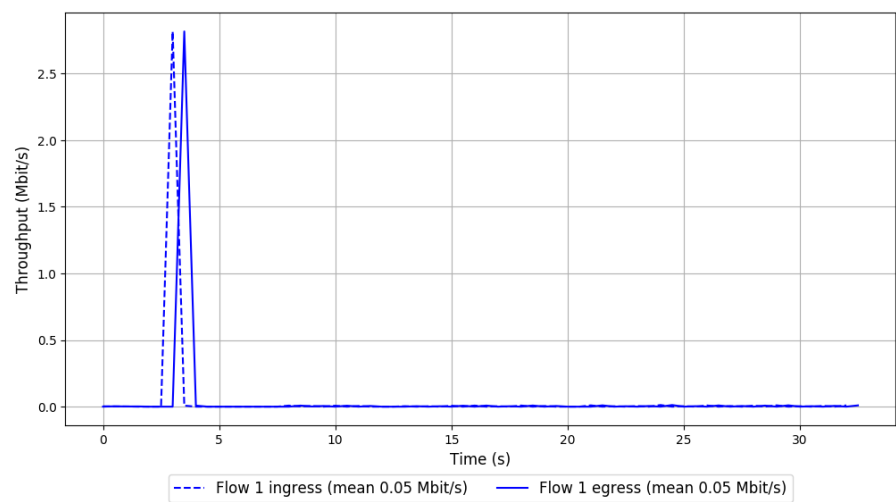
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 1.272 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-02-11 14:19:10

End at: 2019-02-11 14:19:40

Local clock offset: 0.548 ms

Remote clock offset: 2.11 ms

Below is generated by plot.py at 2019-02-11 15:16:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 2.766 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 2.766 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

