

Pantheon Report

Generated at 2019-01-17 08:39:39 (UTC).

Data path: AWS Brazil 1 on `ens5` (*local*) → Brazil on `p4p1` (*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 `gps.ntp.br` and have been applied to correct the timestamps in logs.

System info:

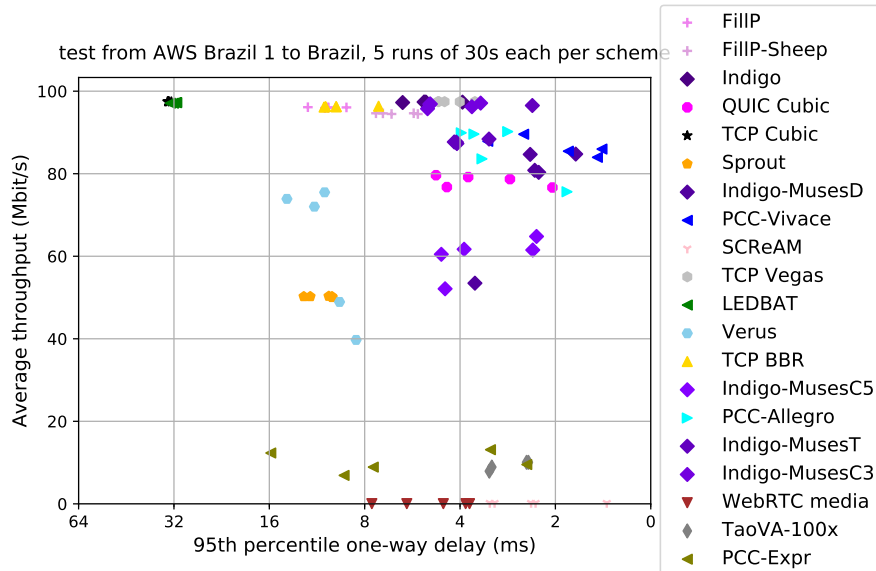
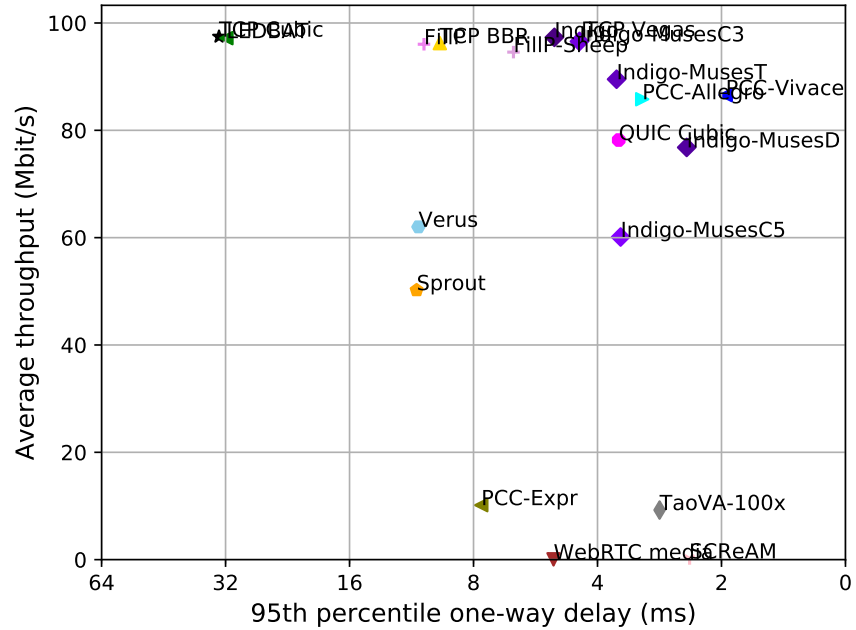
```
Linux 4.15.0-1031-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

Git summary:

```
branch: muses @ c80a283586bf7b0cc1fe08c69c8f60d56498f81c
third_party/fillp @ d6da1459332fcee56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecd90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/muses @ c3eee875824760ec5b2fd207fefe166e1afe2170
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-quick @ 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 Brazil 1 to Brazil, 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	96.25	9.66	0.00
Copa	0	N/A	N/A	N/A
TCP Cubic	5	97.45	33.20	0.01
FillP	5	96.04	10.55	0.26
FillP-Sheep	5	94.57	6.40	0.08
Indigo	5	97.32	5.09	0.00
Indigo-MusesC3	5	96.57	4.43	0.00
Indigo-MusesC5	5	60.12	3.52	0.00
Indigo-MusesD	5	76.81	2.43	0.00
Indigo-MusesT	5	89.52	3.60	0.00
LEDBAT	5	97.17	31.85	0.01
PCC-Allegro	5	85.79	3.11	0.00
PCC-Expr	5	10.15	7.66	34.55
QUIC Cubic	5	78.19	3.55	0.26
SCReAM	5	0.22	2.39	0.00
Sprout	5	50.21	11.00	0.00
TaoVA-100x	4	9.24	2.83	78.30
TCP Vegas	5	97.46	4.29	0.00
Verus	5	62.01	10.89	1.15
PCC-Vivace	5	86.56	1.93	0.00
WebRTC media	5	0.05	5.12	0.00

Run 1: Statistics of TCP BBR

Start at: 2019-01-17 06:40:59

End at: 2019-01-17 06:41:29

Local clock offset: -5.368 ms

Remote clock offset: 0.123 ms

Below is generated by plot.py at 2019-01-17 08:30:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.23 Mbit/s

95th percentile per-packet one-way delay: 9.839 ms

Loss rate: 0.00%

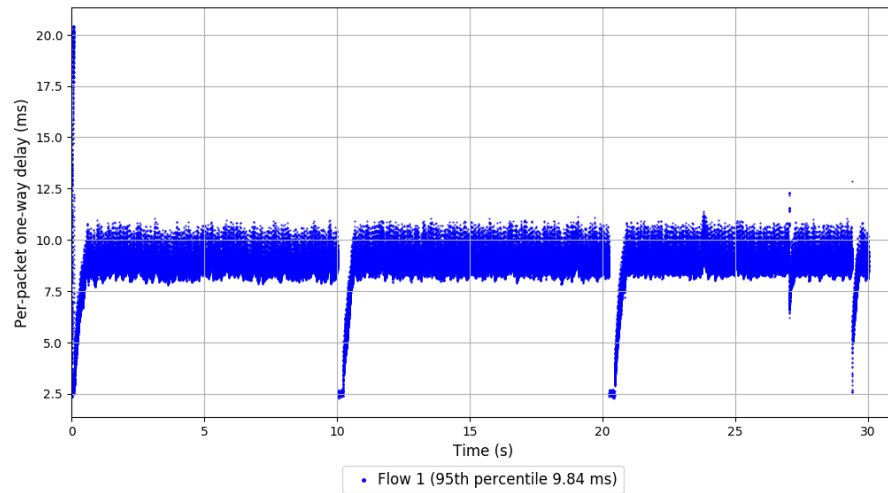
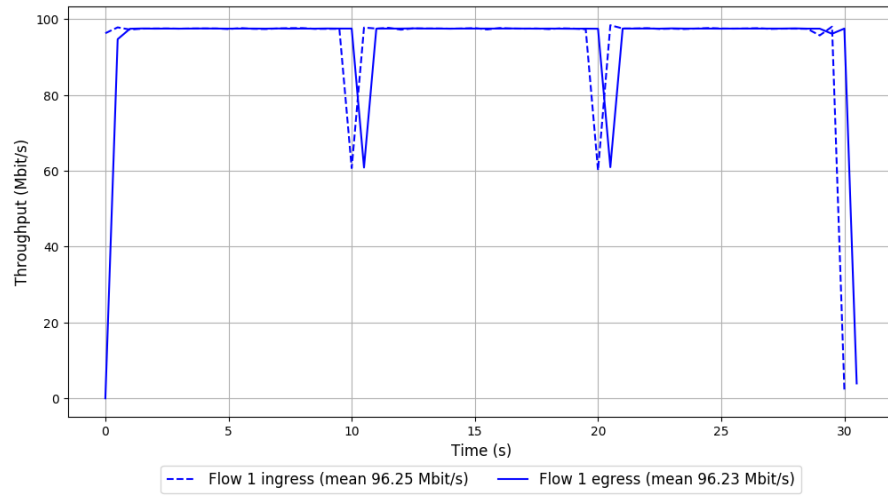
-- Flow 1:

Average throughput: 96.23 Mbit/s

95th percentile per-packet one-way delay: 9.839 ms

Loss rate: 0.00%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2019-01-17 07:04:27

End at: 2019-01-17 07:04:57

Local clock offset: -3.744 ms

Remote clock offset: -0.054 ms

Below is generated by plot.py at 2019-01-17 08:30:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.26 Mbit/s

95th percentile per-packet one-way delay: 9.845 ms

Loss rate: 0.00%

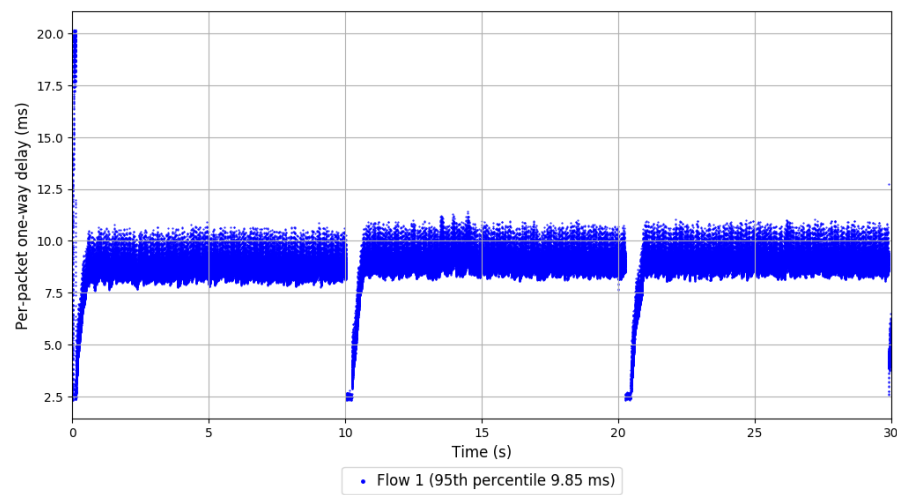
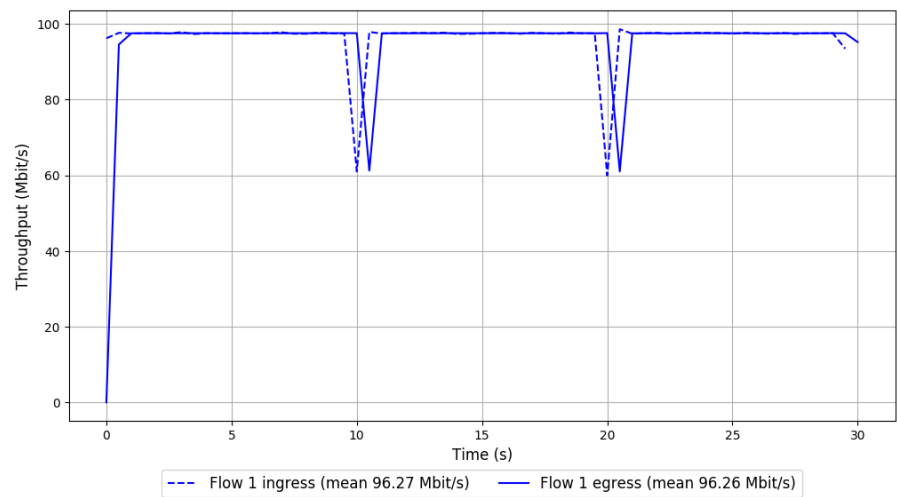
-- Flow 1:

Average throughput: 96.26 Mbit/s

95th percentile per-packet one-way delay: 9.845 ms

Loss rate: 0.00%

Run 2: Report of TCP BBR — Data Link

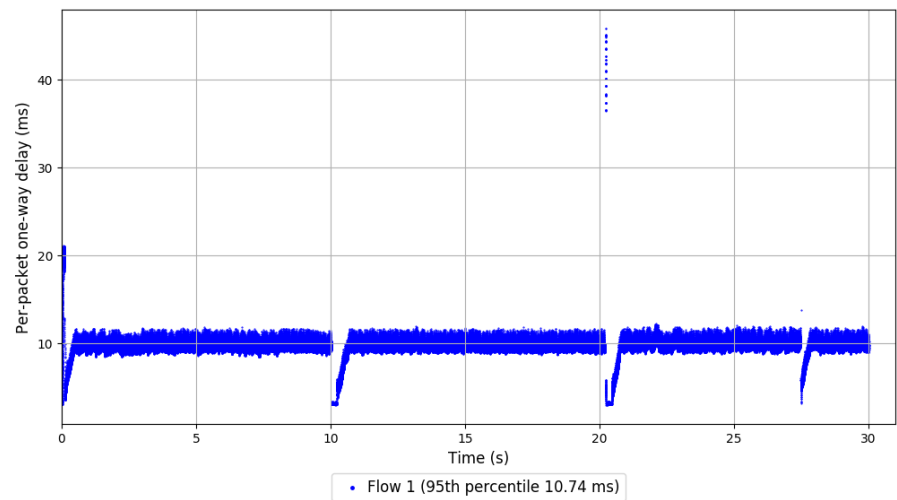
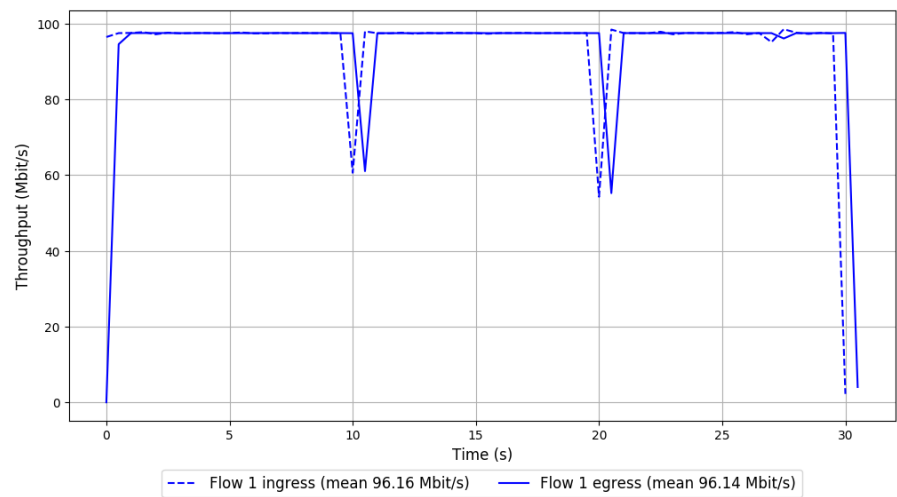


Run 3: Statistics of TCP BBR

Start at: 2019-01-17 07:27:55
End at: 2019-01-17 07:28:25
Local clock offset: -5.149 ms
Remote clock offset: -0.146 ms

Below is generated by plot.py at 2019-01-17 08:30:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.14 Mbit/s
95th percentile per-packet one-way delay: 10.745 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.14 Mbit/s
95th percentile per-packet one-way delay: 10.745 ms
Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link

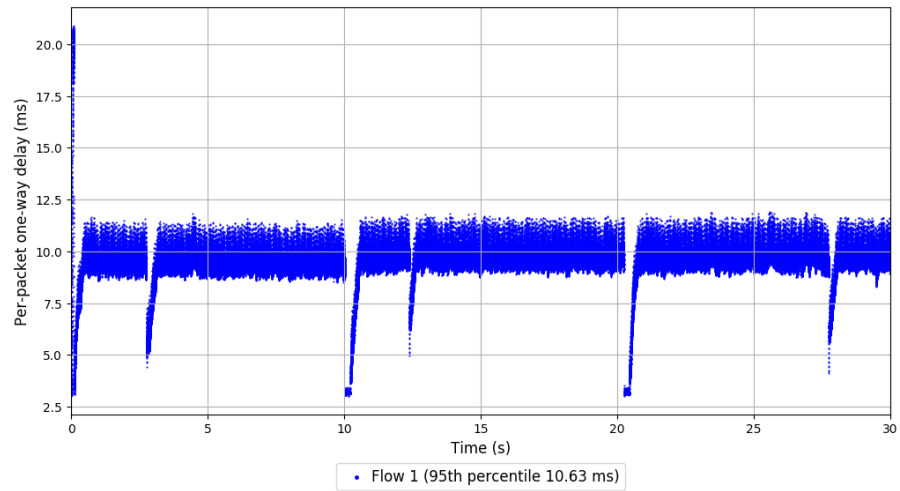
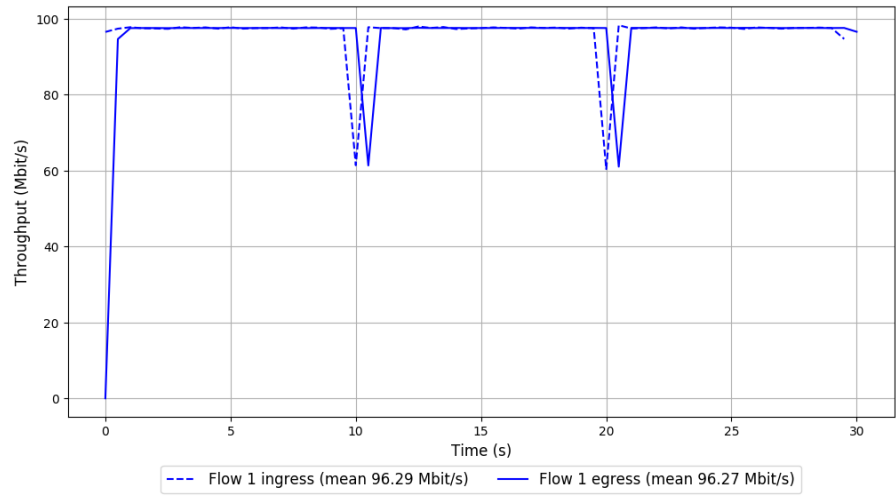


Run 4: Statistics of TCP BBR

Start at: 2019-01-17 07:51:21
End at: 2019-01-17 07:51:51
Local clock offset: -5.817 ms
Remote clock offset: -0.233 ms

Below is generated by plot.py at 2019-01-17 08:30:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.27 Mbit/s
95th percentile per-packet one-way delay: 10.629 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.27 Mbit/s
95th percentile per-packet one-way delay: 10.629 ms
Loss rate: 0.00%

Run 4: Report of TCP BBR — Data Link

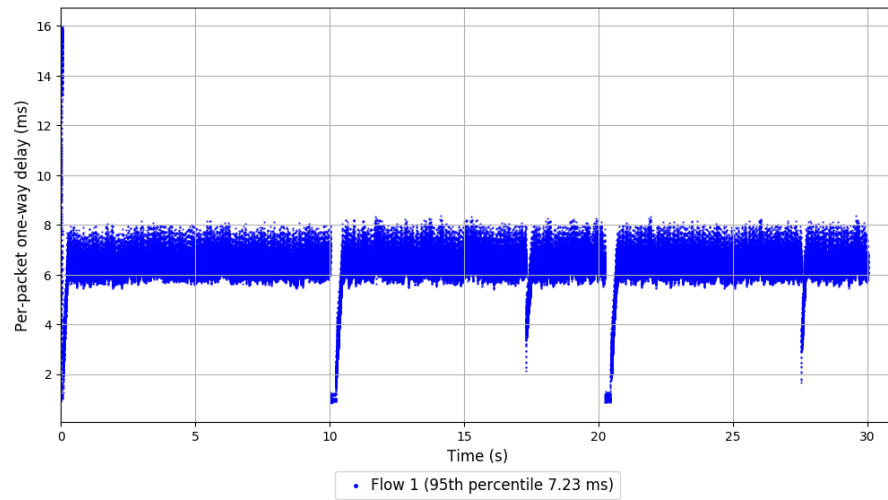
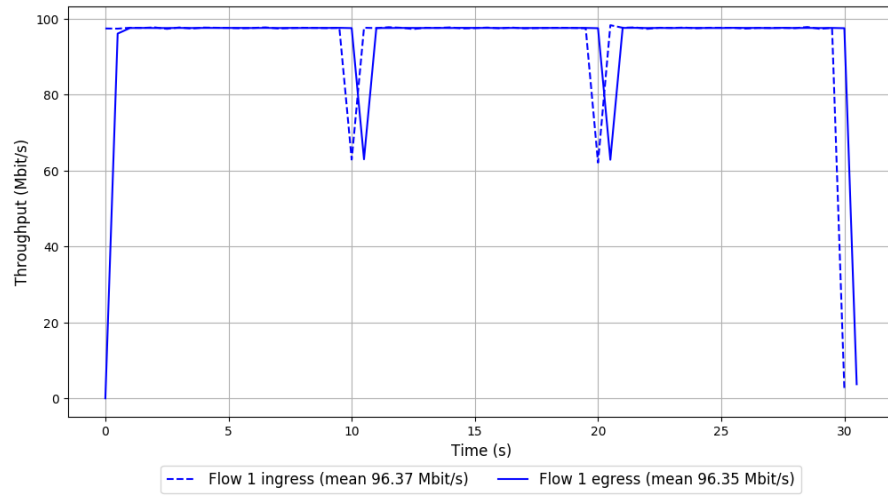


Run 5: Statistics of TCP BBR

Start at: 2019-01-17 08:14:47
End at: 2019-01-17 08:15:17
Local clock offset: -5.41 ms
Remote clock offset: -0.187 ms

Below is generated by plot.py at 2019-01-17 08:30:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.35 Mbit/s
95th percentile per-packet one-way delay: 7.231 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.35 Mbit/s
95th percentile per-packet one-way delay: 7.231 ms
Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

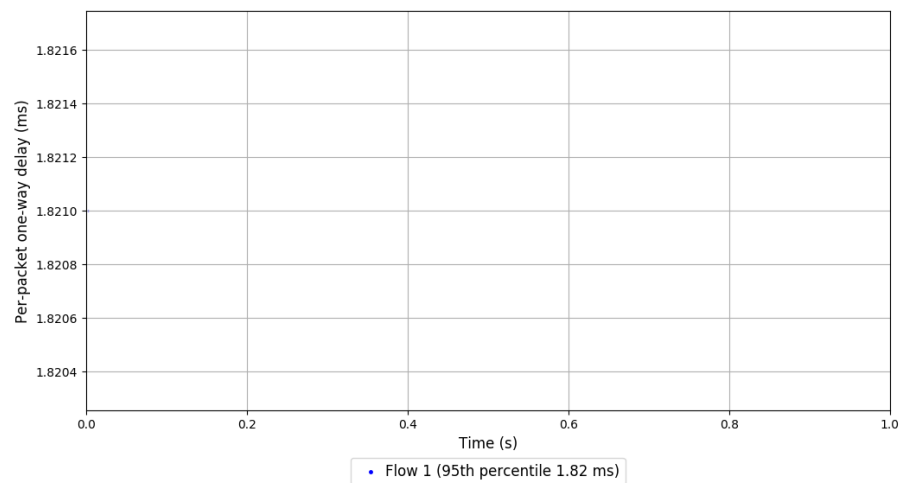
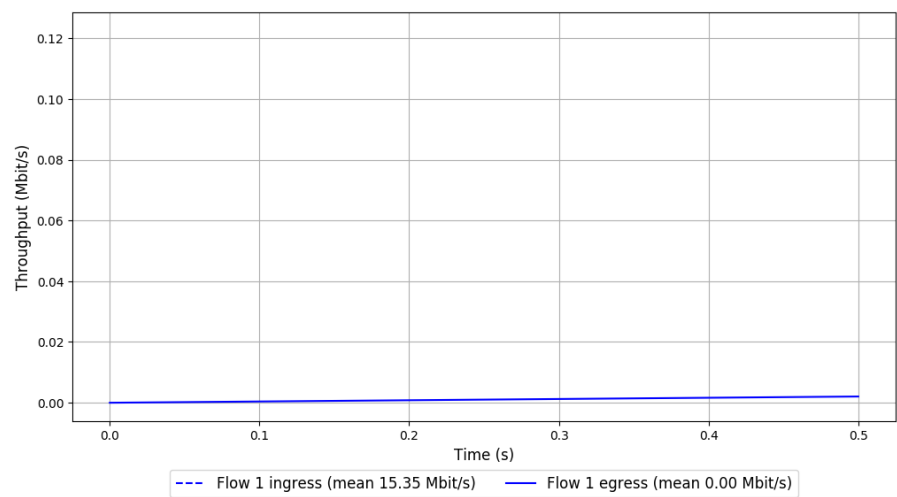
Start at: 2019-01-17 06:50:01

End at: 2019-01-17 06:50:31

Local clock offset: -5.984 ms

Remote clock offset: -0.025 ms

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

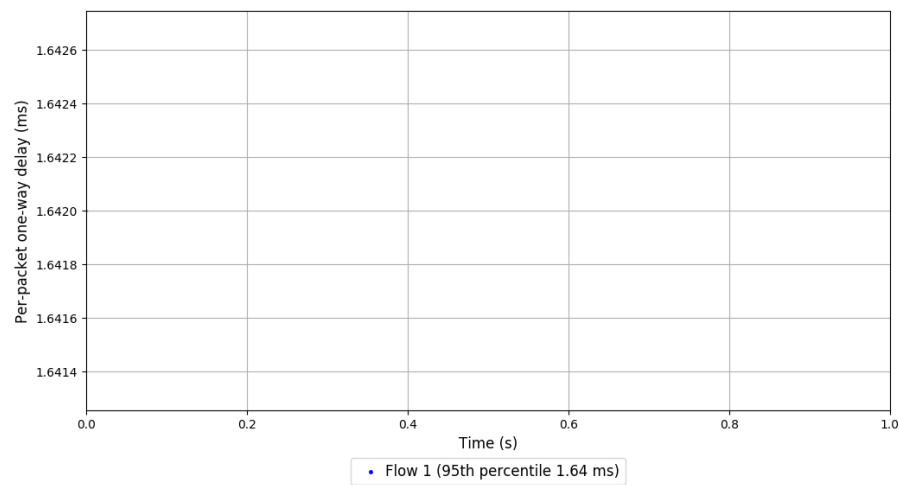
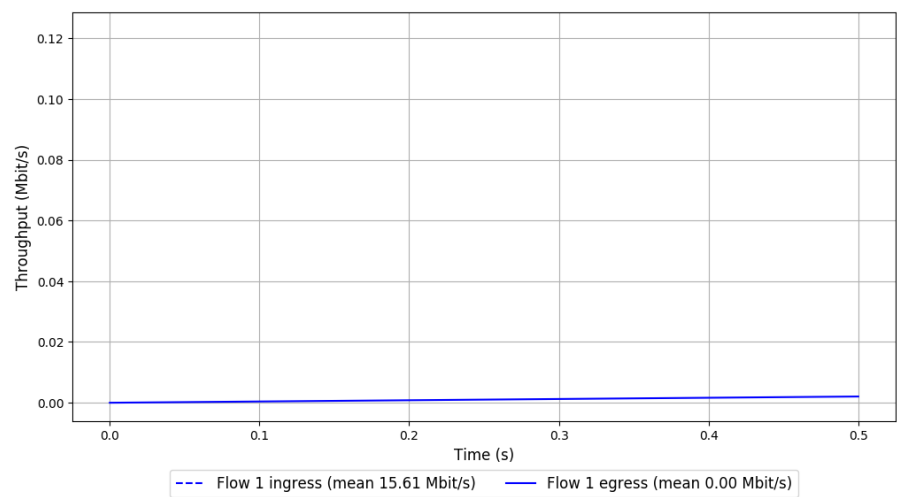
Start at: 2019-01-17 07:13:28

End at: 2019-01-17 07:13:58

Local clock offset: -4.352 ms

Remote clock offset: -0.148 ms

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

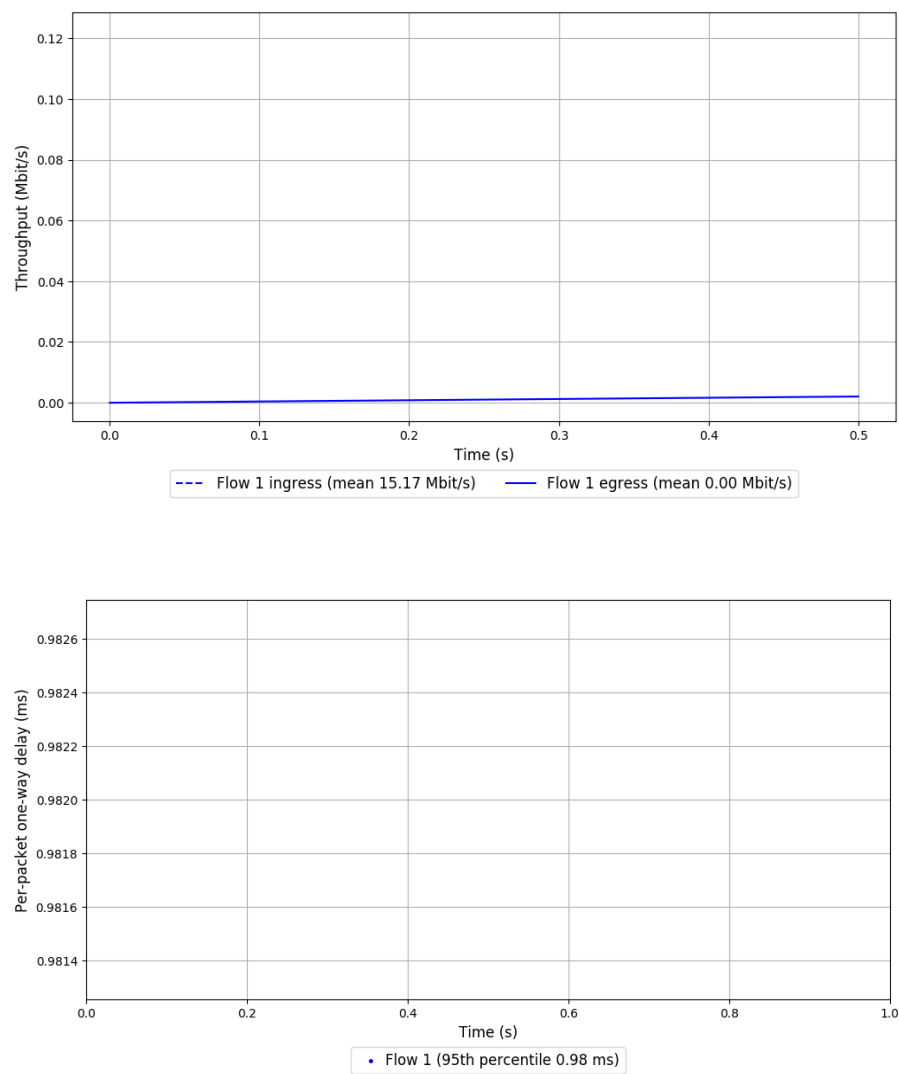
Start at: 2019-01-17 07:36:57

End at: 2019-01-17 07:37:27

Local clock offset: -4.762 ms

Remote clock offset: -0.237 ms

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

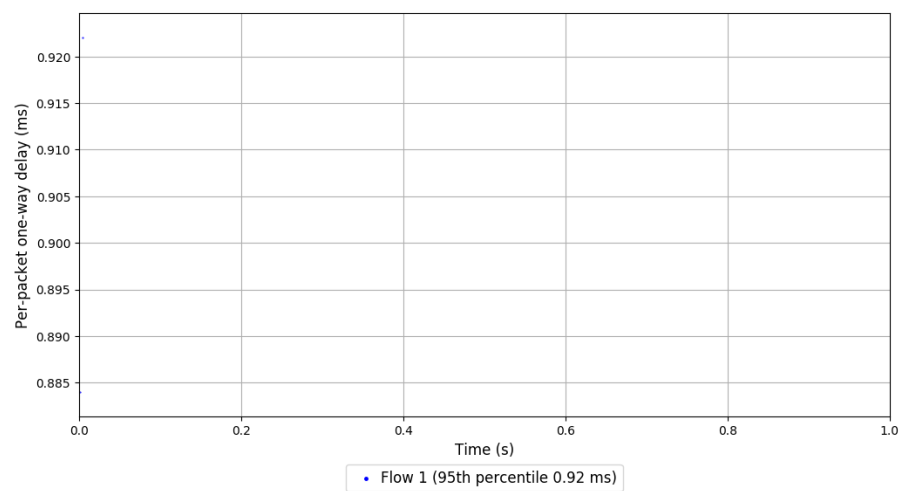
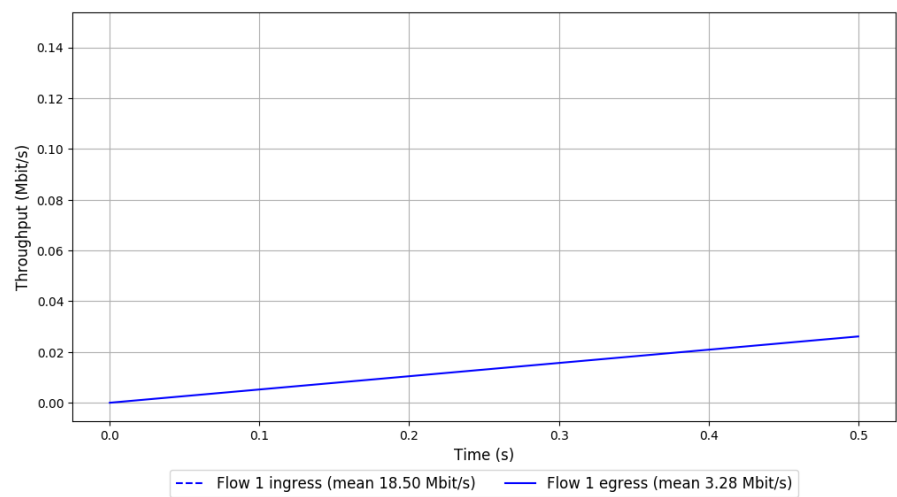
Start at: 2019-01-17 08:00:22

End at: 2019-01-17 08:00:52

Local clock offset: -5.135 ms

Remote clock offset: -0.245 ms

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

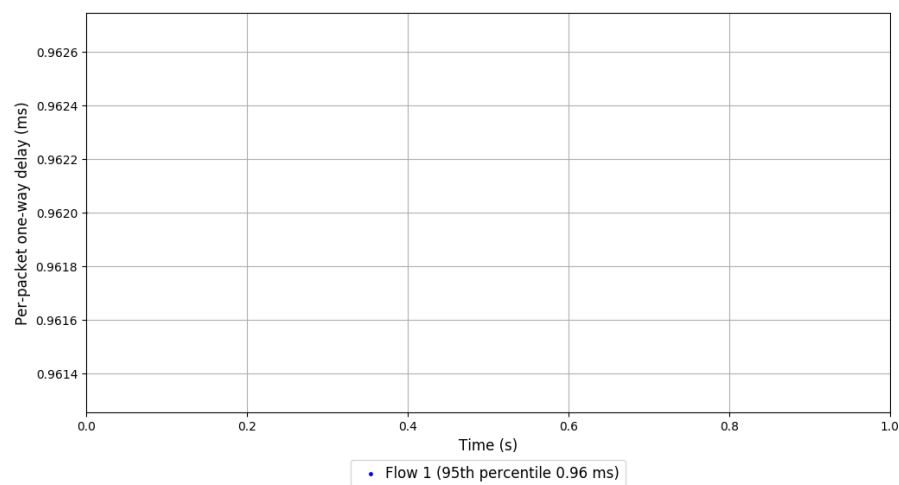
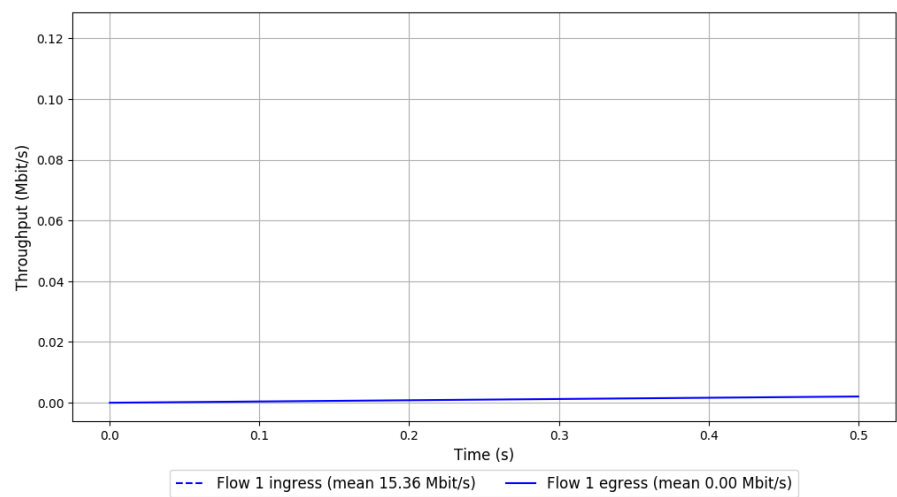
Start at: 2019-01-17 08:23:49

End at: 2019-01-17 08:24:19

Local clock offset: -4.761 ms

Remote clock offset: -0.295 ms

Run 5: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2019-01-17 06:33:10

End at: 2019-01-17 06:33:40

Local clock offset: -4.55 ms

Remote clock offset: 0.171 ms

Below is generated by plot.py at 2019-01-17 08:30:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.41 Mbit/s

95th percentile per-packet one-way delay: 32.609 ms

Loss rate: 0.01%

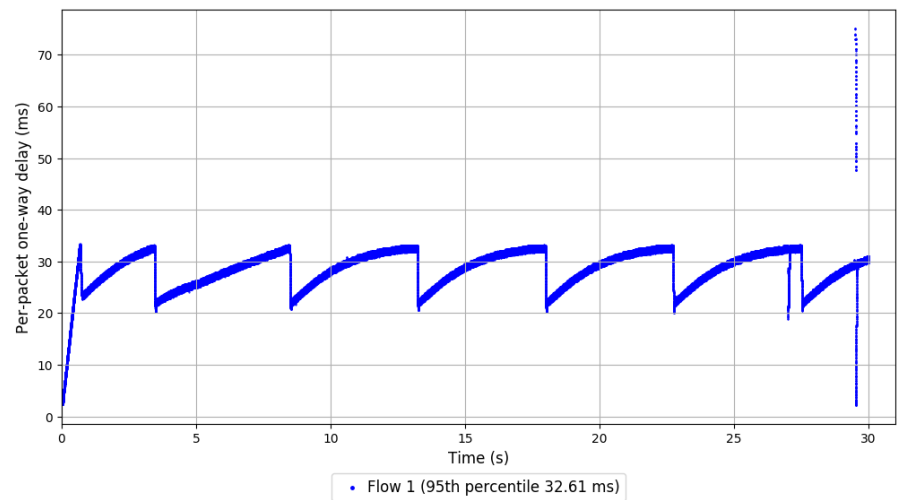
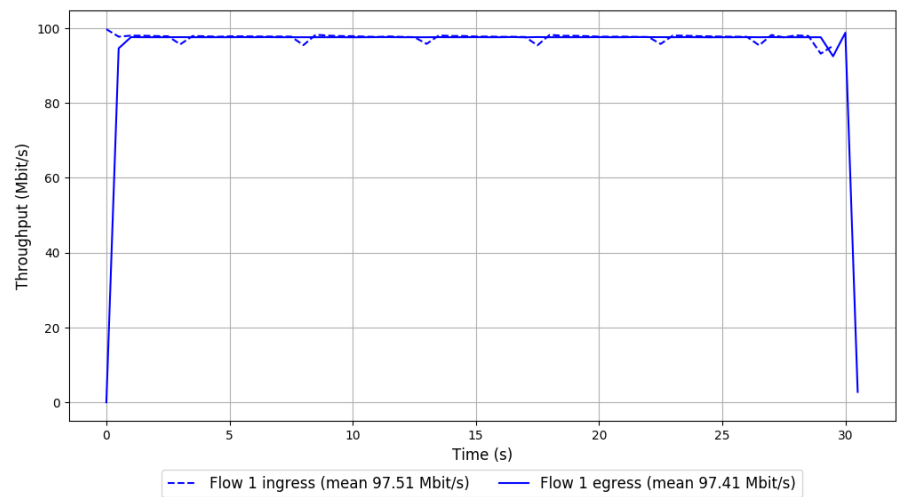
-- Flow 1:

Average throughput: 97.41 Mbit/s

95th percentile per-packet one-way delay: 32.609 ms

Loss rate: 0.01%

Run 1: Report of TCP Cubic — Data Link

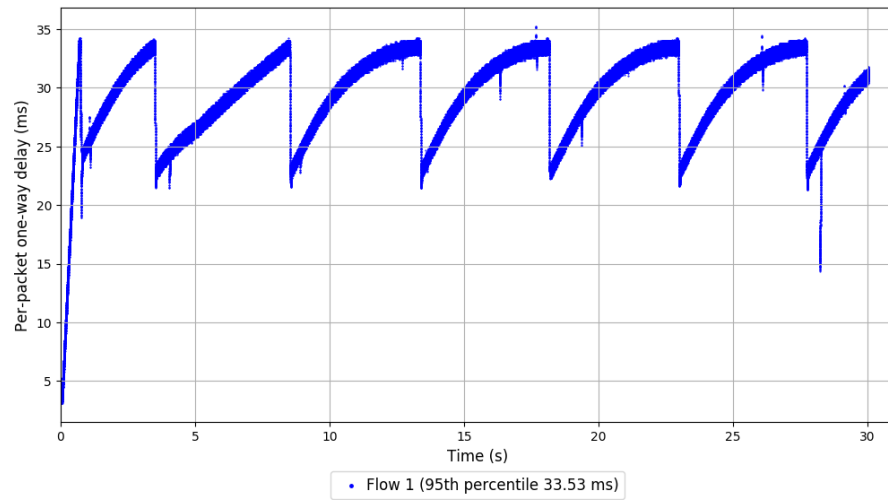
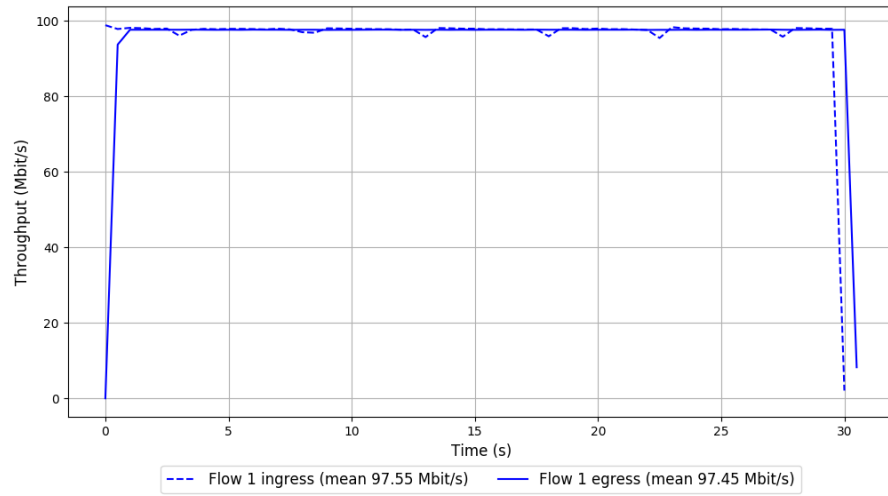


Run 2: Statistics of TCP Cubic

Start at: 2019-01-17 06:56:37
End at: 2019-01-17 06:57:07
Local clock offset: -4.981 ms
Remote clock offset: -0.012 ms

Below is generated by plot.py at 2019-01-17 08:30:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.45 Mbit/s
95th percentile per-packet one-way delay: 33.526 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.45 Mbit/s
95th percentile per-packet one-way delay: 33.526 ms
Loss rate: 0.01%

Run 2: Report of TCP Cubic — Data Link

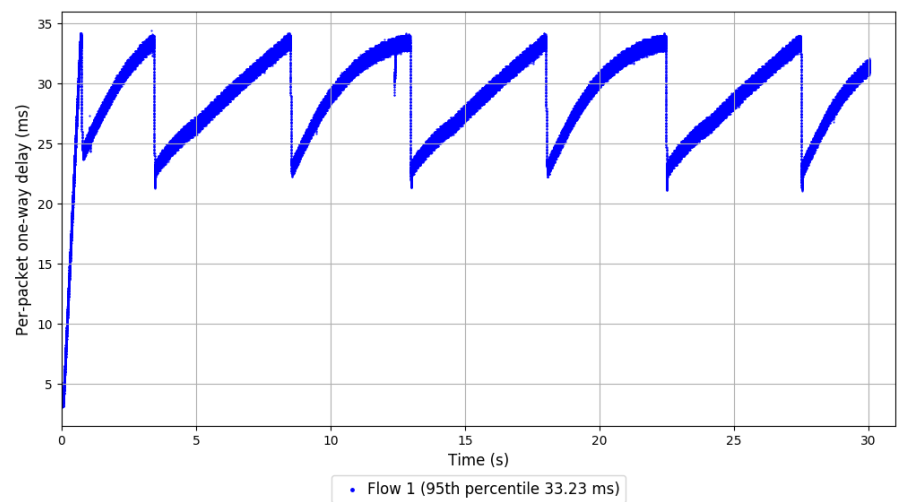
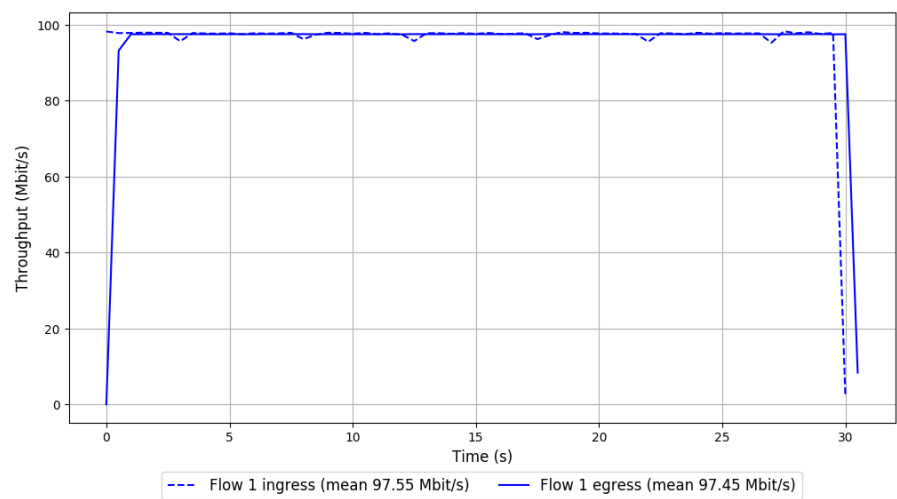


Run 3: Statistics of TCP Cubic

Start at: 2019-01-17 07:20:05
End at: 2019-01-17 07:20:35
Local clock offset: -4.667 ms
Remote clock offset: -0.153 ms

Below is generated by plot.py at 2019-01-17 08:30:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.45 Mbit/s
95th percentile per-packet one-way delay: 33.231 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.45 Mbit/s
95th percentile per-packet one-way delay: 33.231 ms
Loss rate: 0.01%

Run 3: Report of TCP Cubic — Data Link

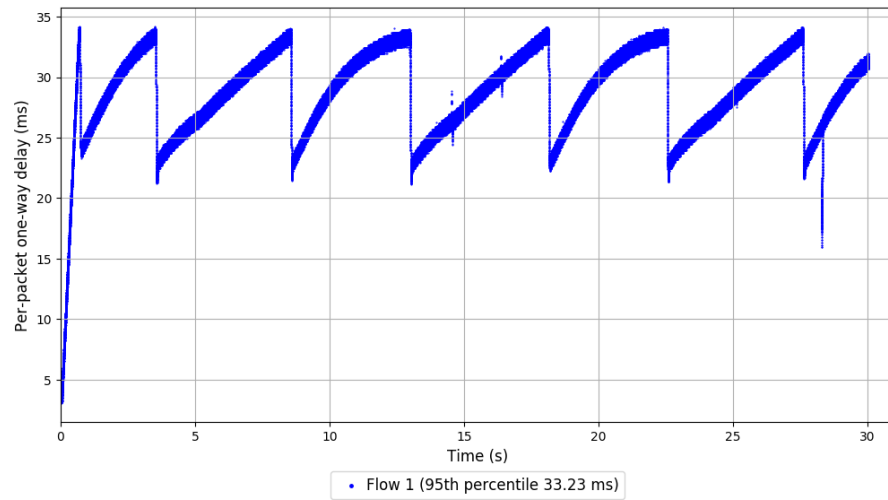
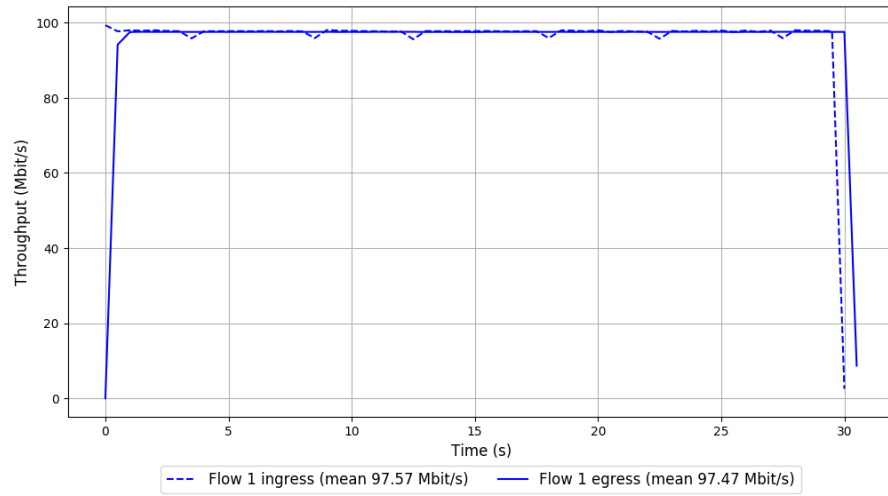


Run 4: Statistics of TCP Cubic

Start at: 2019-01-17 07:43:32
End at: 2019-01-17 07:44:02
Local clock offset: -5.698 ms
Remote clock offset: -0.169 ms

Below is generated by plot.py at 2019-01-17 08:31:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 33.229 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 33.229 ms
Loss rate: 0.01%

Run 4: Report of TCP Cubic — Data Link

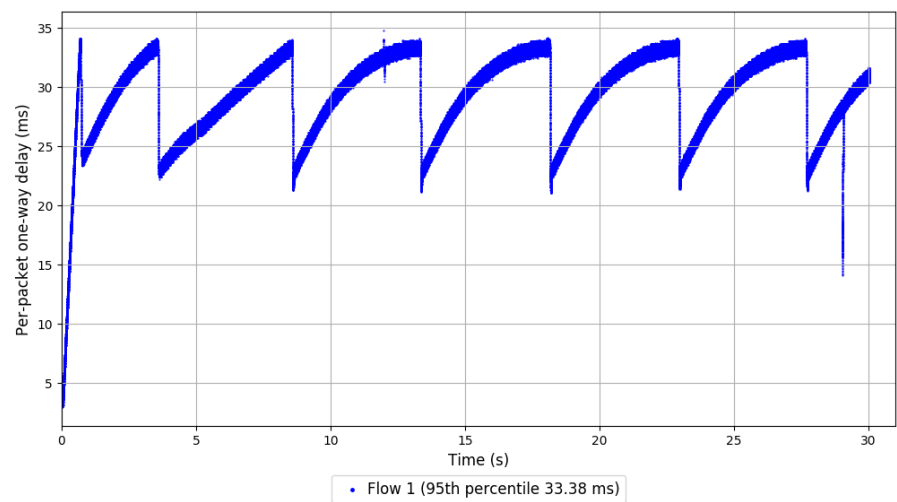
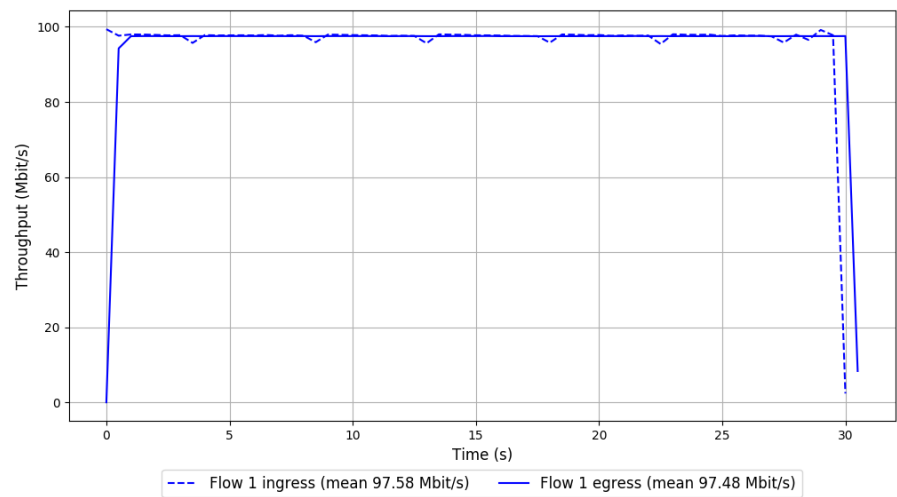


Run 5: Statistics of TCP Cubic

Start at: 2019-01-17 08:06:58
End at: 2019-01-17 08:07:28
Local clock offset: -6.015 ms
Remote clock offset: -0.264 ms

Below is generated by plot.py at 2019-01-17 08:31:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 33.383 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 33.383 ms
Loss rate: 0.01%

Run 5: Report of TCP Cubic — Data Link

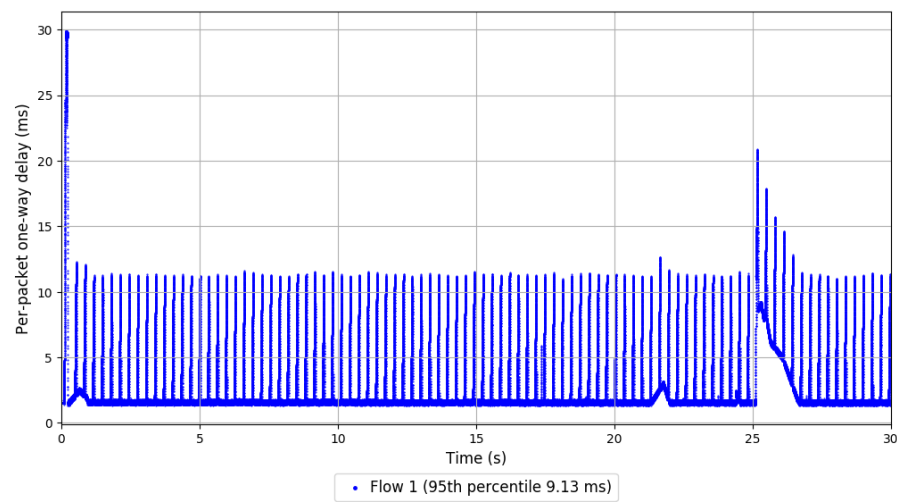
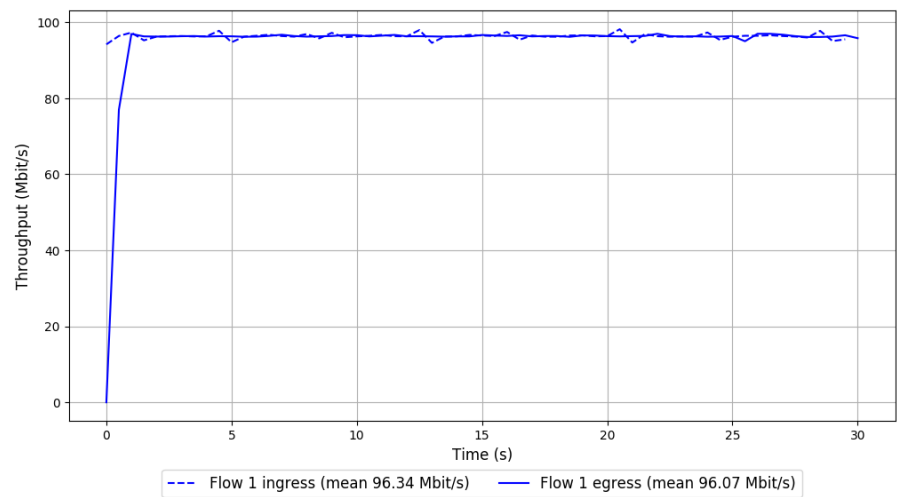


```
Run 1: Statistics of FillP

Start at: 2019-01-17 06:39:52
End at: 2019-01-17 06:40:22
Local clock offset: -6.029 ms
Remote clock offset: 0.036 ms

# Below is generated by plot.py at 2019-01-17 08:31:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.07 Mbit/s
95th percentile per-packet one-way delay: 9.133 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 96.07 Mbit/s
95th percentile per-packet one-way delay: 9.133 ms
Loss rate: 0.28%
```

Run 1: Report of FillP — Data Link

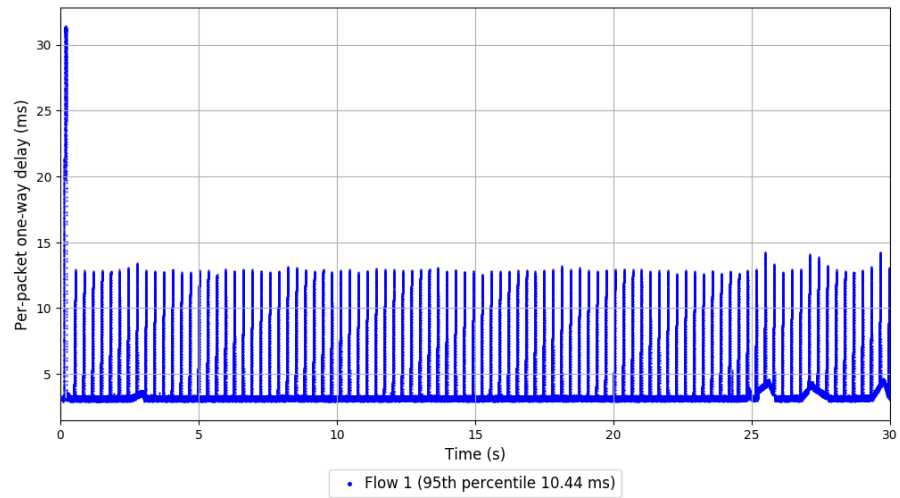
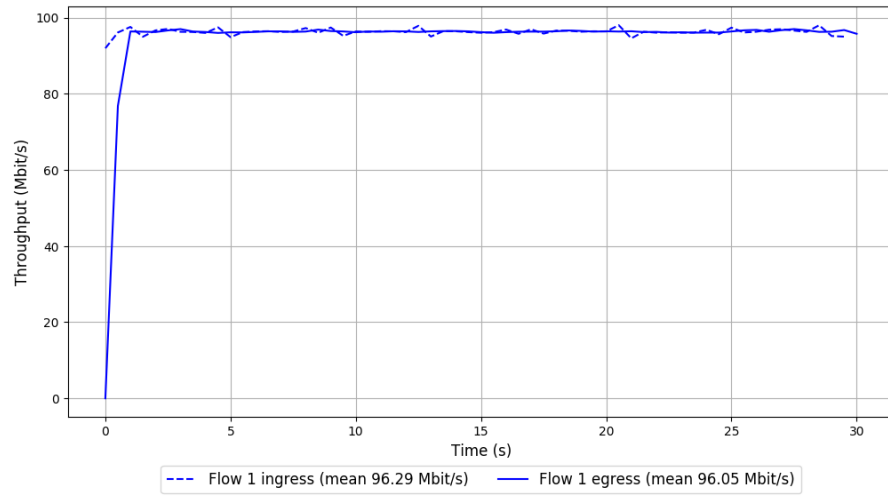


Run 2: Statistics of FillP

Start at: 2019-01-17 07:03:19
End at: 2019-01-17 07:03:49
Local clock offset: -4.539 ms
Remote clock offset: -0.061 ms

Below is generated by plot.py at 2019-01-17 08:31:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.05 Mbit/s
95th percentile per-packet one-way delay: 10.437 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 96.05 Mbit/s
95th percentile per-packet one-way delay: 10.437 ms
Loss rate: 0.25%

Run 2: Report of FillP — Data Link

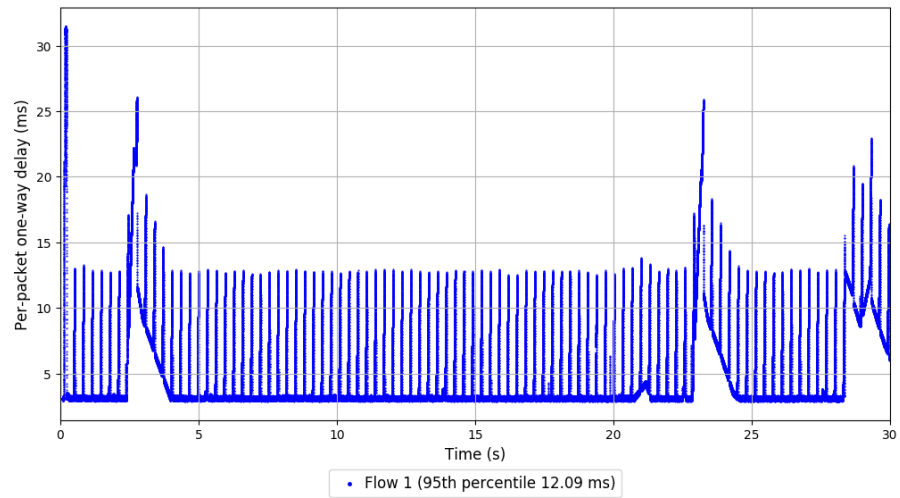
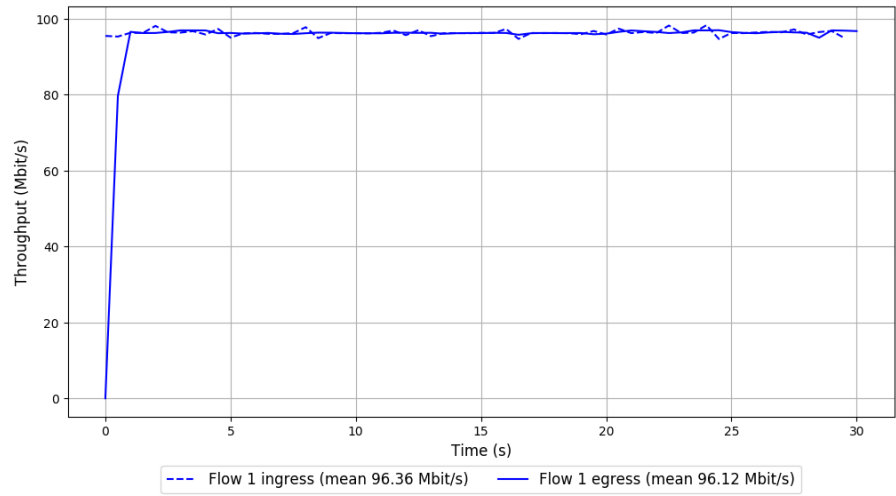


Run 3: Statistics of FillP

Start at: 2019-01-17 07:26:47
End at: 2019-01-17 07:27:17
Local clock offset: -5.079 ms
Remote clock offset: -0.129 ms

Below is generated by plot.py at 2019-01-17 08:31:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.12 Mbit/s
95th percentile per-packet one-way delay: 12.089 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 96.12 Mbit/s
95th percentile per-packet one-way delay: 12.089 ms
Loss rate: 0.24%

Run 3: Report of FillP — Data Link

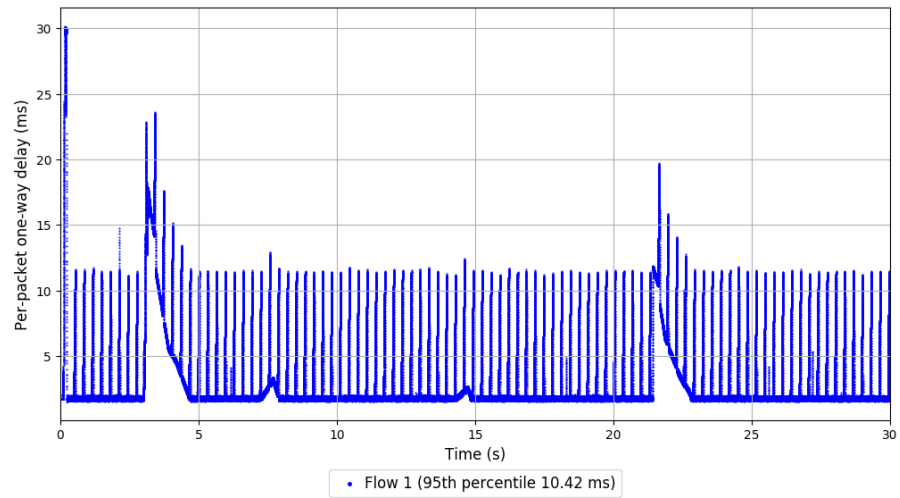
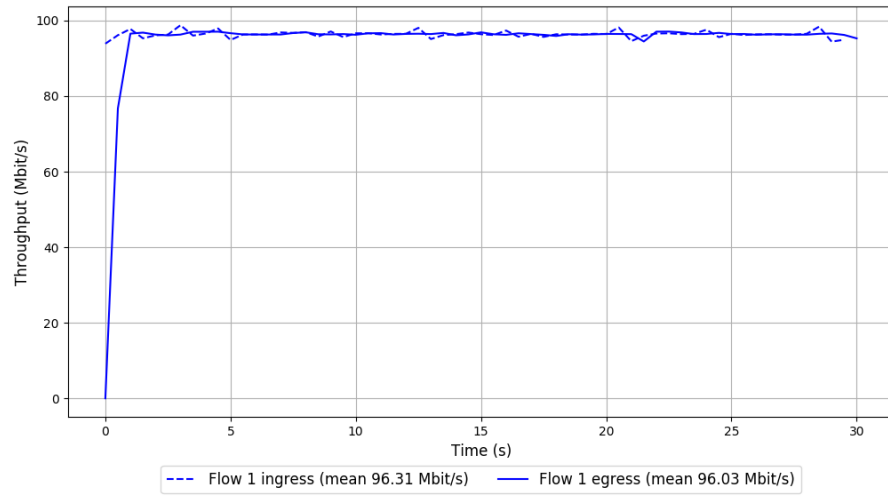


Run 4: Statistics of FillP

Start at: 2019-01-17 07:50:13
End at: 2019-01-17 07:50:43
Local clock offset: -5.87 ms
Remote clock offset: -0.151 ms

Below is generated by plot.py at 2019-01-17 08:31:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.03 Mbit/s
95th percentile per-packet one-way delay: 10.422 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 96.03 Mbit/s
95th percentile per-packet one-way delay: 10.422 ms
Loss rate: 0.28%

Run 4: Report of FillP — Data Link

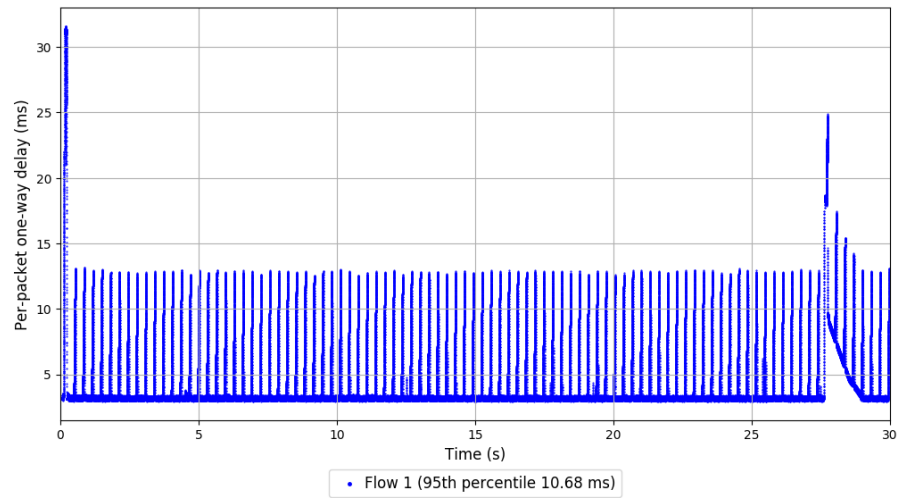
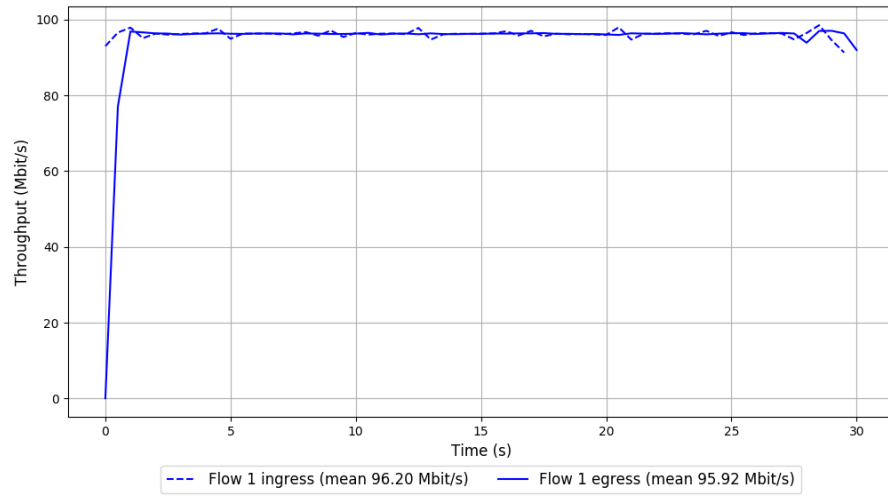


Run 5: Statistics of FillP

Start at: 2019-01-17 08:13:40
End at: 2019-01-17 08:14:10
Local clock offset: -6.211 ms
Remote clock offset: -0.234 ms

Below is generated by plot.py at 2019-01-17 08:31:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.92 Mbit/s
95th percentile per-packet one-way delay: 10.683 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 95.92 Mbit/s
95th percentile per-packet one-way delay: 10.683 ms
Loss rate: 0.26%

Run 5: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2019-01-17 06:32:03

End at: 2019-01-17 06:32:33

Local clock offset: -5.154 ms

Remote clock offset: 0.157 ms

Below is generated by plot.py at 2019-01-17 08:31:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.47 Mbit/s

95th percentile per-packet one-way delay: 5.435 ms

Loss rate: 0.07%

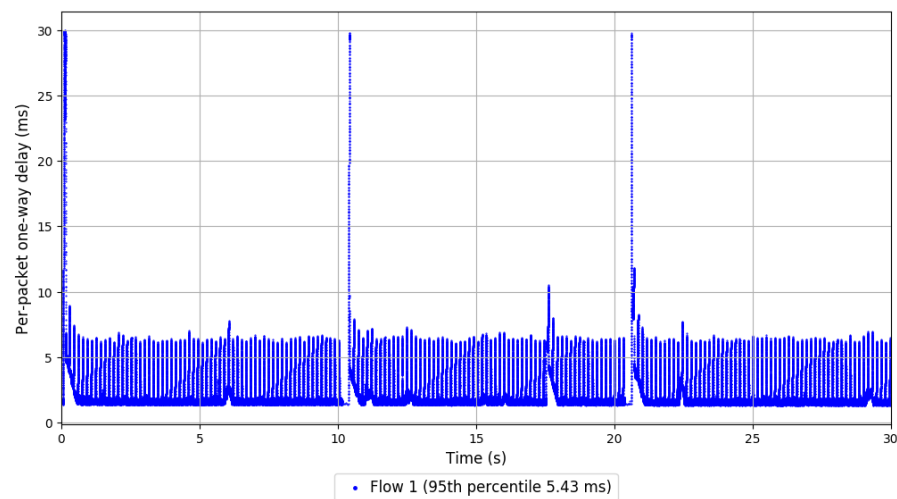
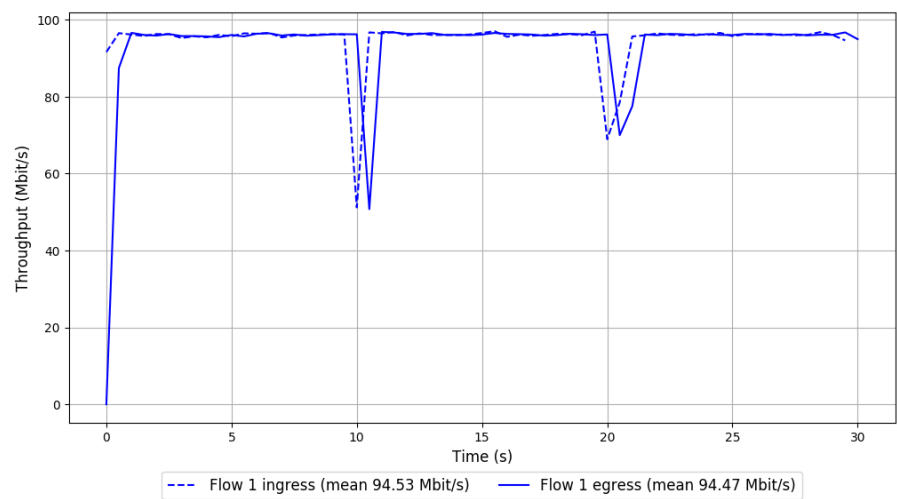
-- Flow 1:

Average throughput: 94.47 Mbit/s

95th percentile per-packet one-way delay: 5.435 ms

Loss rate: 0.07%

Run 1: Report of FillP-Sheep — Data Link

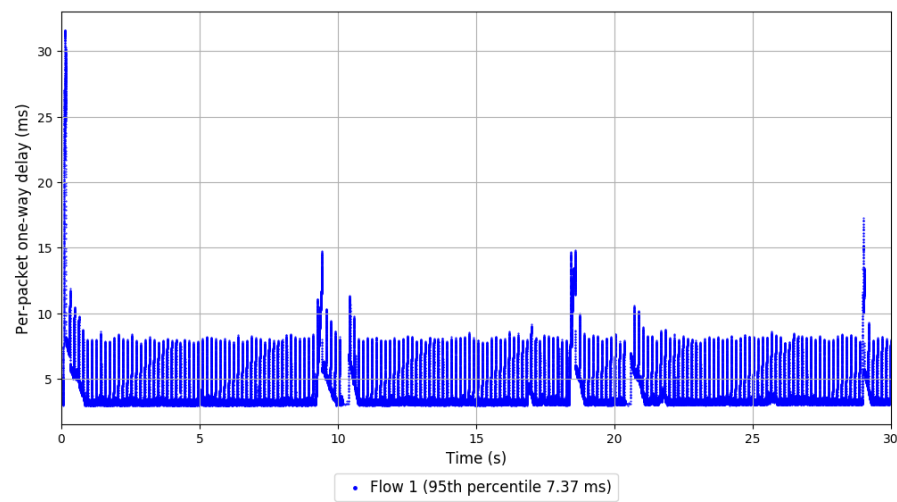
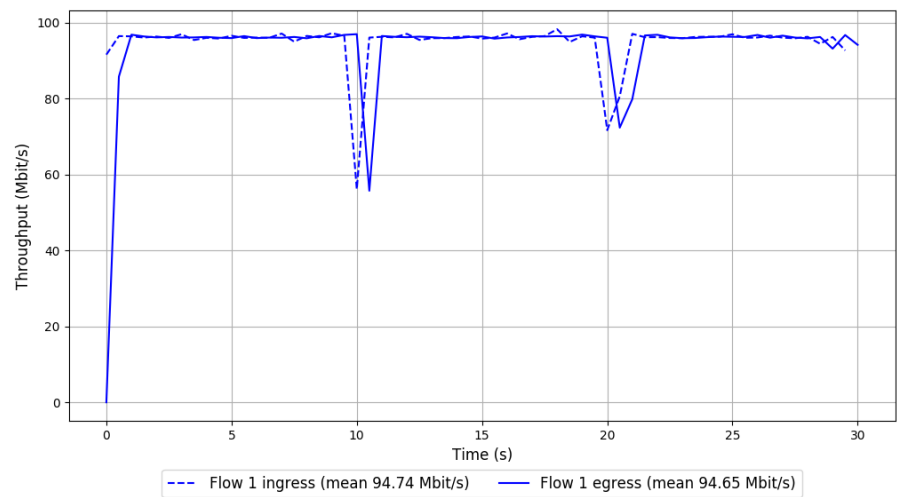


Run 2: Statistics of FillP-Sheep

Start at: 2019-01-17 06:55:30
End at: 2019-01-17 06:56:00
Local clock offset: -5.107 ms
Remote clock offset: -0.025 ms

Below is generated by plot.py at 2019-01-17 08:32:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.65 Mbit/s
95th percentile per-packet one-way delay: 7.370 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 94.65 Mbit/s
95th percentile per-packet one-way delay: 7.370 ms
Loss rate: 0.08%

Run 2: Report of FillP-Sheep — Data Link

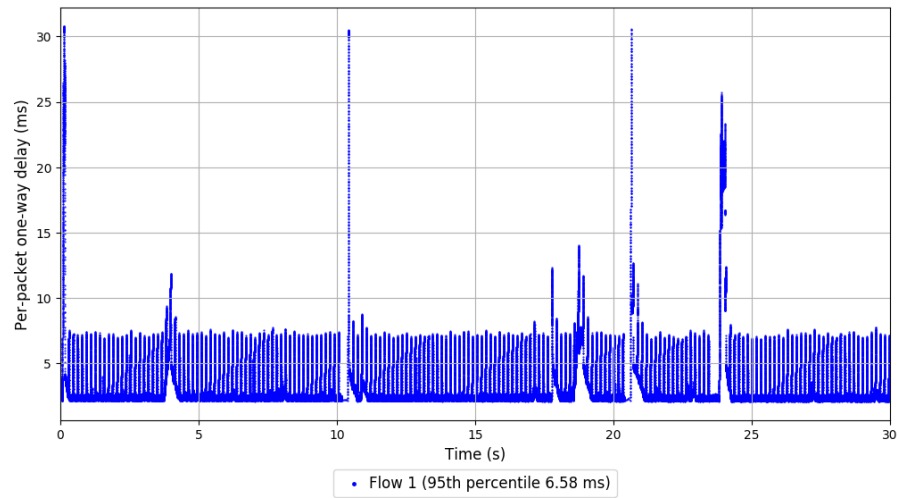
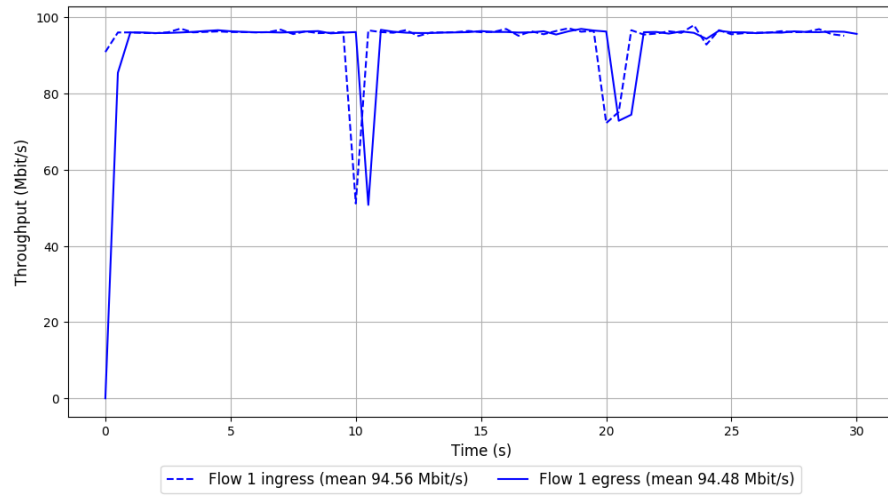


Run 3: Statistics of FillP-Sheep

Start at: 2019-01-17 07:18:58
End at: 2019-01-17 07:19:28
Local clock offset: -3.793 ms
Remote clock offset: -0.141 ms

Below is generated by plot.py at 2019-01-17 08:32:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.48 Mbit/s
95th percentile per-packet one-way delay: 6.581 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 94.48 Mbit/s
95th percentile per-packet one-way delay: 6.581 ms
Loss rate: 0.09%

Run 3: Report of FillP-Sheep — Data Link

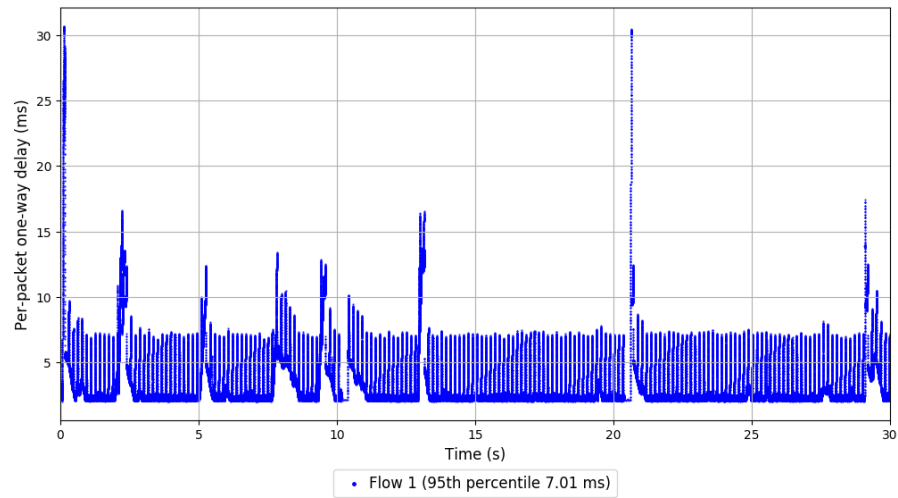
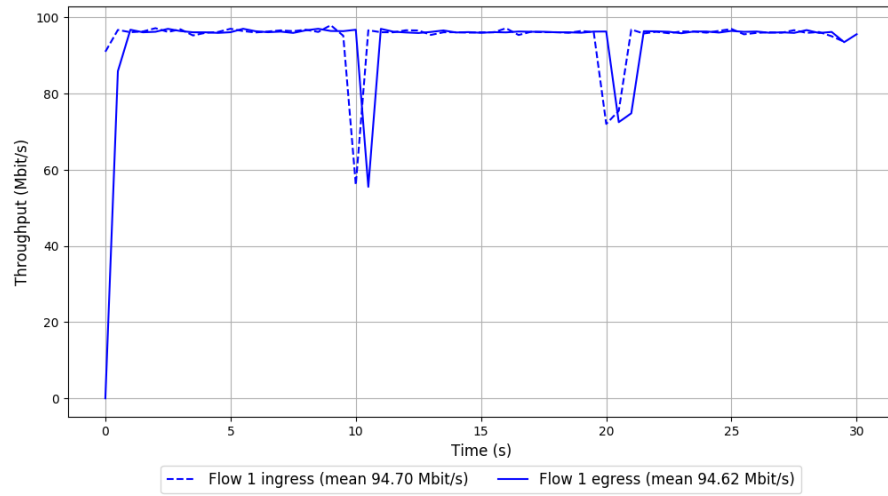


Run 4: Statistics of FillP-Sheep

Start at: 2019-01-17 07:42:25
End at: 2019-01-17 07:42:55
Local clock offset: -4.905 ms
Remote clock offset: -0.274 ms

Below is generated by plot.py at 2019-01-17 08:32:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.62 Mbit/s
95th percentile per-packet one-way delay: 7.007 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 94.62 Mbit/s
95th percentile per-packet one-way delay: 7.007 ms
Loss rate: 0.08%

Run 4: Report of FillP-Sheep — Data Link

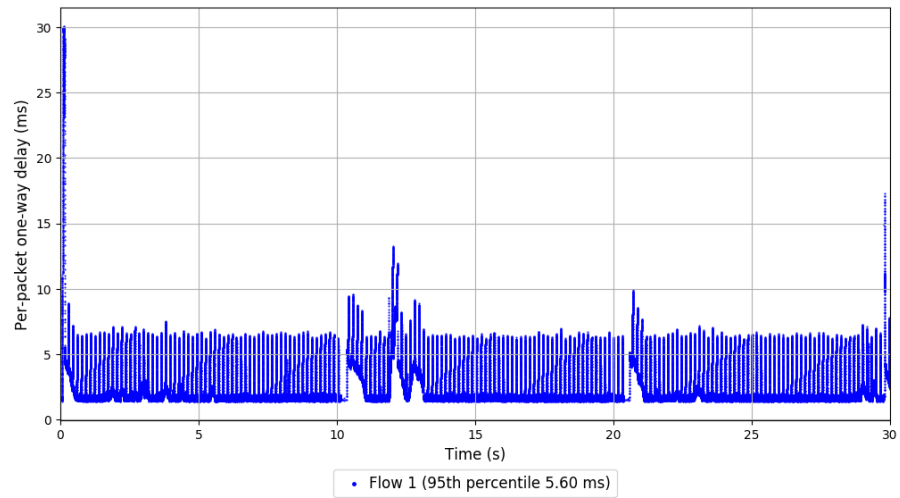
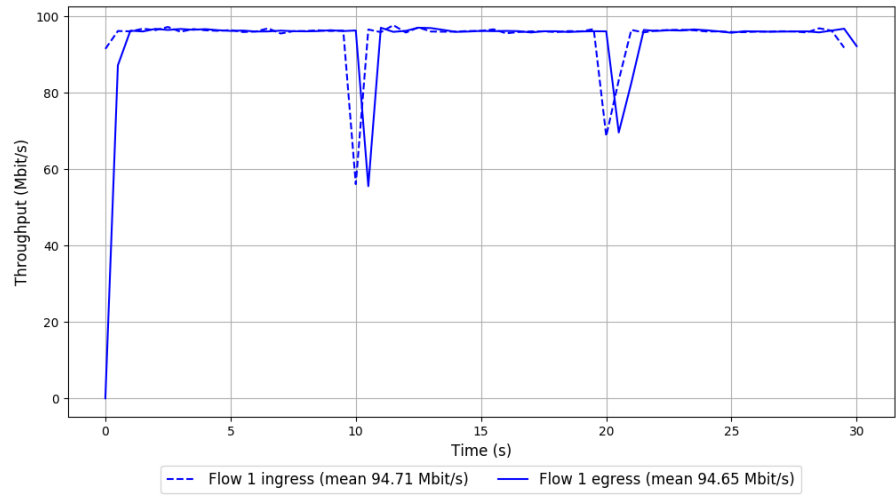


Run 5: Statistics of FillP-Sheep

Start at: 2019-01-17 08:05:50
End at: 2019-01-17 08:06:20
Local clock offset: -6.002 ms
Remote clock offset: -0.244 ms

Below is generated by plot.py at 2019-01-17 08:32:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.65 Mbit/s
95th percentile per-packet one-way delay: 5.602 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 94.65 Mbit/s
95th percentile per-packet one-way delay: 5.602 ms
Loss rate: 0.07%

Run 5: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

Start at: 2019-01-17 06:48:51

End at: 2019-01-17 06:49:21

Local clock offset: -6.255 ms

Remote clock offset: 0.014 ms

Below is generated by plot.py at 2019-01-17 08:32:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.25 Mbit/s

95th percentile per-packet one-way delay: 6.071 ms

Loss rate: 0.00%

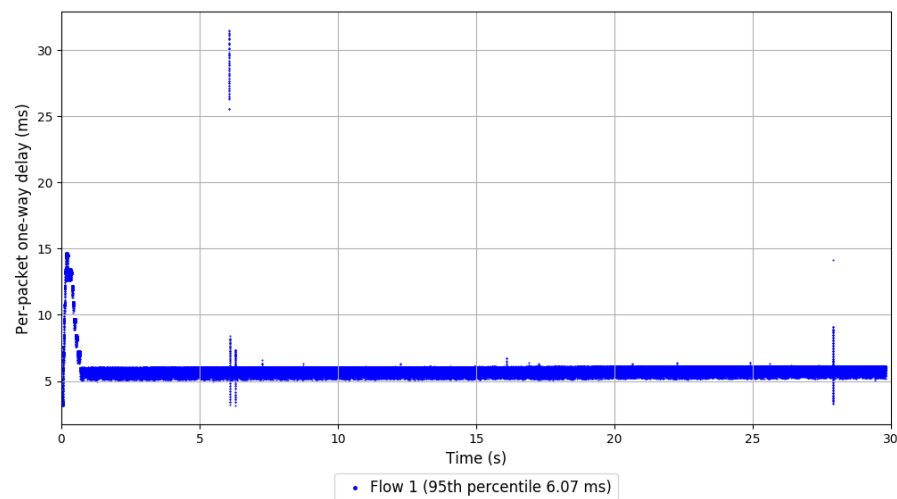
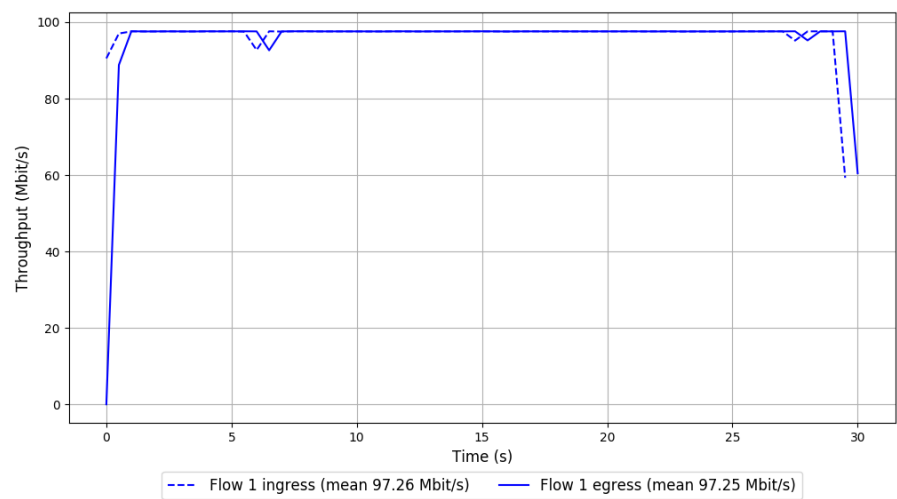
-- Flow 1:

Average throughput: 97.25 Mbit/s

95th percentile per-packet one-way delay: 6.071 ms

Loss rate: 0.00%

Run 1: Report of Indigo — Data Link

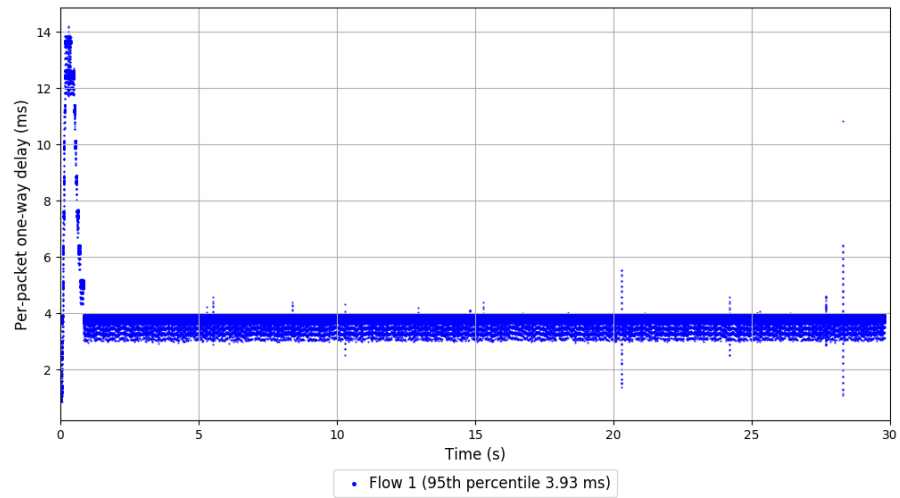
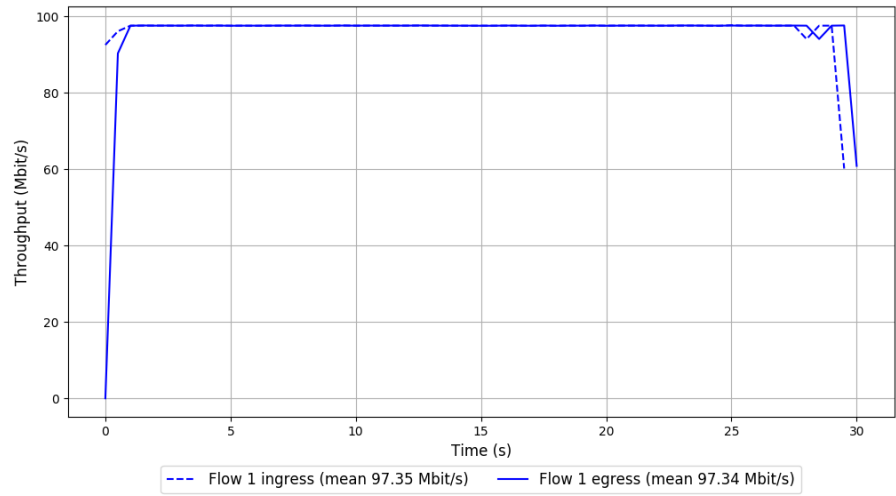


Run 2: Statistics of Indigo

Start at: 2019-01-17 07:12:19
End at: 2019-01-17 07:12:49
Local clock offset: -3.666 ms
Remote clock offset: -0.108 ms

Below is generated by plot.py at 2019-01-17 08:32:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.34 Mbit/s
95th percentile per-packet one-way delay: 3.929 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.34 Mbit/s
95th percentile per-packet one-way delay: 3.929 ms
Loss rate: 0.00%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2019-01-17 07:35:47

End at: 2019-01-17 07:36:17

Local clock offset: -4.773 ms

Remote clock offset: -0.15 ms

Below is generated by plot.py at 2019-01-17 08:32:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.38 Mbit/s

95th percentile per-packet one-way delay: 5.194 ms

Loss rate: 0.00%

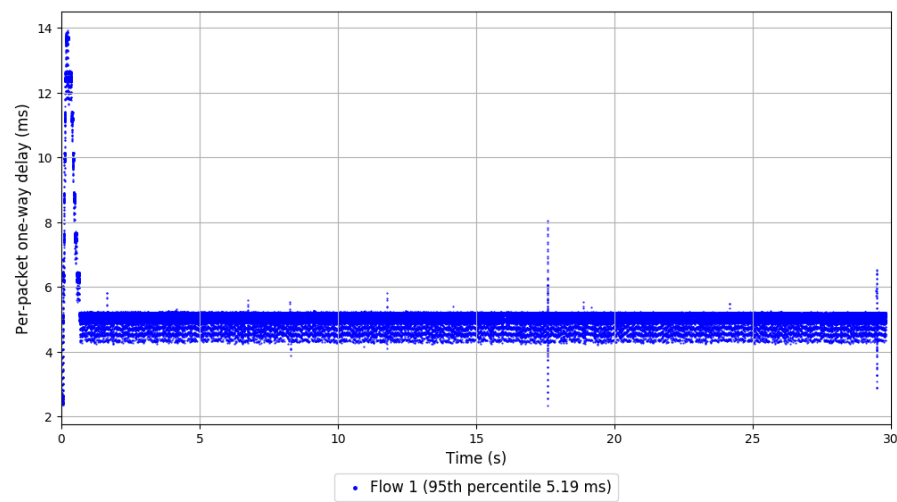
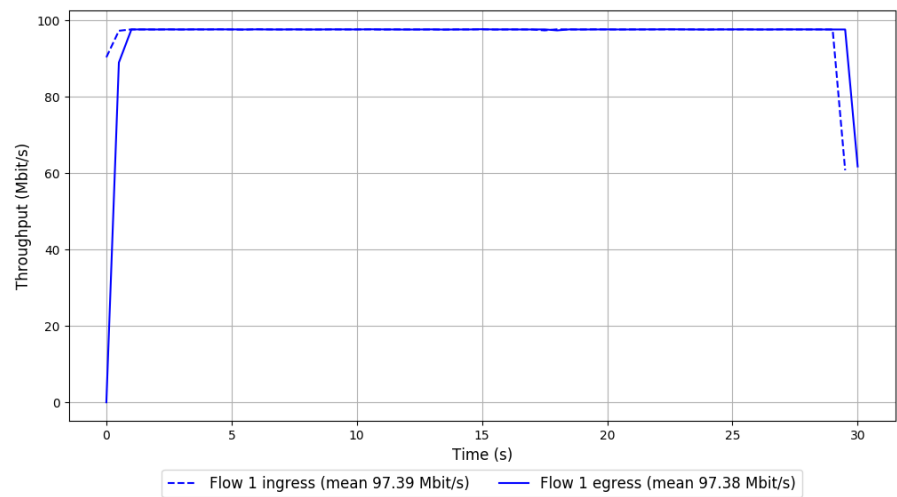
-- Flow 1:

Average throughput: 97.38 Mbit/s

95th percentile per-packet one-way delay: 5.194 ms

Loss rate: 0.00%

Run 3: Report of Indigo — Data Link

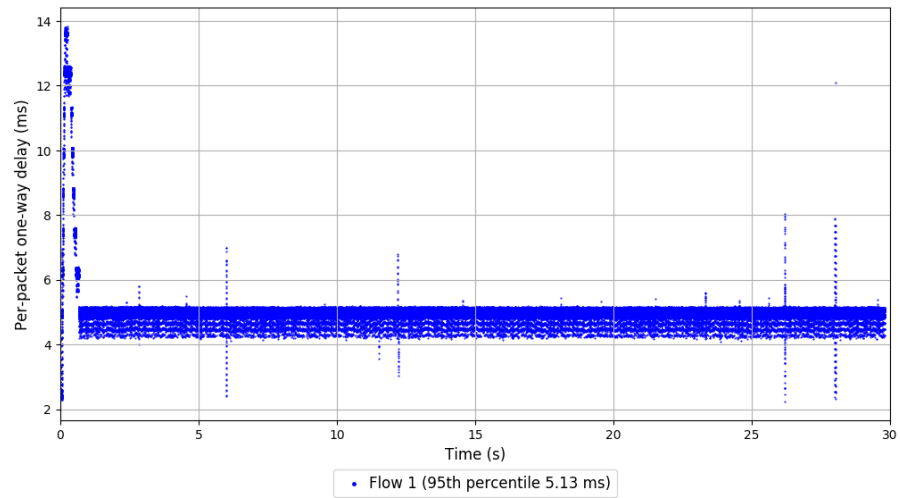
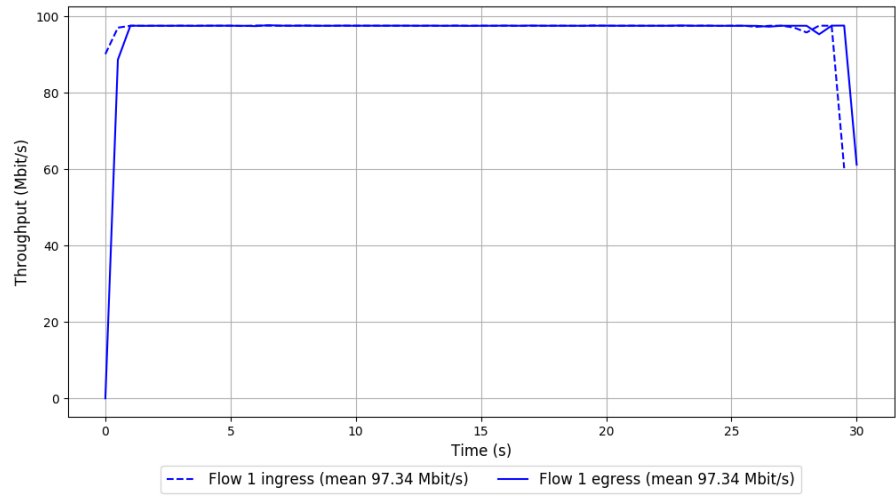


Run 4: Statistics of Indigo

Start at: 2019-01-17 07:59:13
End at: 2019-01-17 07:59:43
Local clock offset: -5.138 ms
Remote clock offset: -0.208 ms

Below is generated by plot.py at 2019-01-17 08:32:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.34 Mbit/s
95th percentile per-packet one-way delay: 5.128 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.34 Mbit/s
95th percentile per-packet one-way delay: 5.128 ms
Loss rate: 0.00%

Run 4: Report of Indigo — Data Link

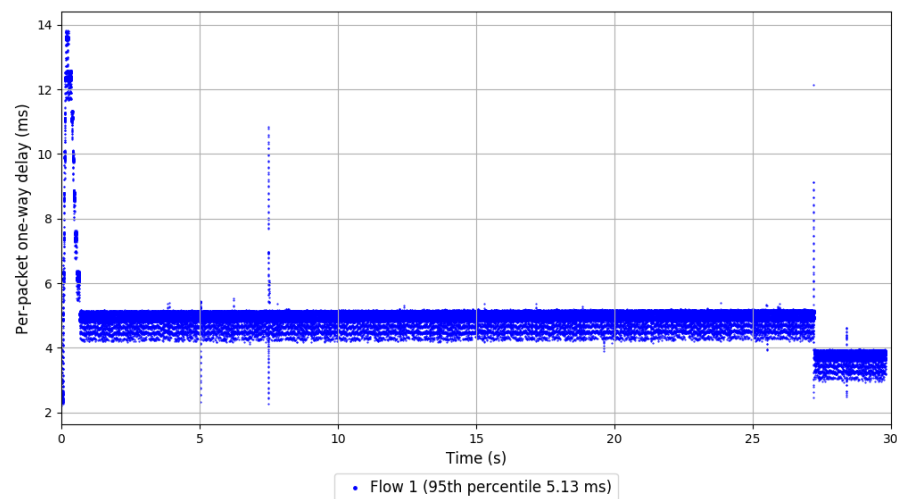
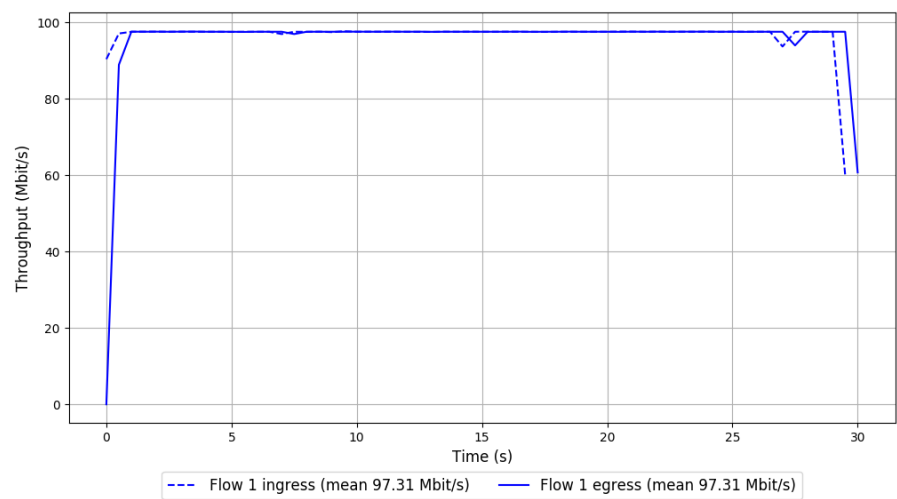


Run 5: Statistics of Indigo

Start at: 2019-01-17 08:22:40
End at: 2019-01-17 08:23:10
Local clock offset: -4.864 ms
Remote clock offset: -0.286 ms

Below is generated by plot.py at 2019-01-17 08:33:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.31 Mbit/s
95th percentile per-packet one-way delay: 5.129 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.31 Mbit/s
95th percentile per-packet one-way delay: 5.129 ms
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link



Run 1: Statistics of Indigo-MusesC3

Start at: 2019-01-17 06:43:17

End at: 2019-01-17 06:43:47

Local clock offset: -6.304 ms

Remote clock offset: 0.084 ms

Below is generated by plot.py at 2019-01-17 08:33:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.90 Mbit/s

95th percentile per-packet one-way delay: 4.966 ms

Loss rate: 0.00%

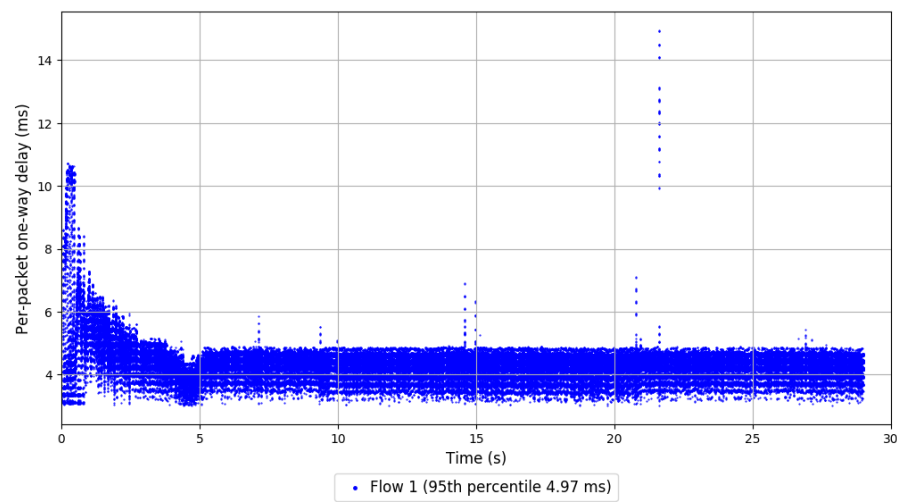
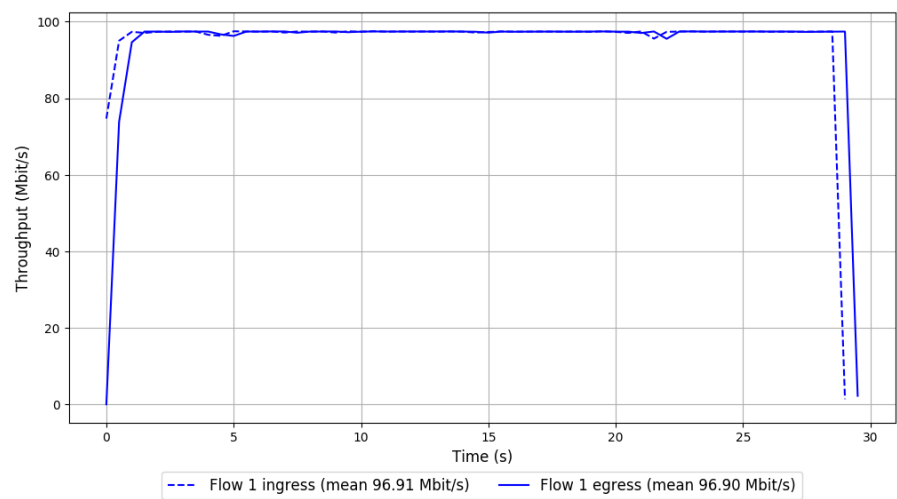
-- Flow 1:

Average throughput: 96.90 Mbit/s

95th percentile per-packet one-way delay: 4.966 ms

Loss rate: 0.00%

Run 1: Report of Indigo-MusesC3 — Data Link



Run 2: Statistics of Indigo-MusesC3

Start at: 2019-01-17 07:06:44

End at: 2019-01-17 07:07:14

Local clock offset: -3.685 ms

Remote clock offset: -0.07 ms

Below is generated by plot.py at 2019-01-17 08:33:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.23 Mbit/s

95th percentile per-packet one-way delay: 3.670 ms

Loss rate: 0.00%

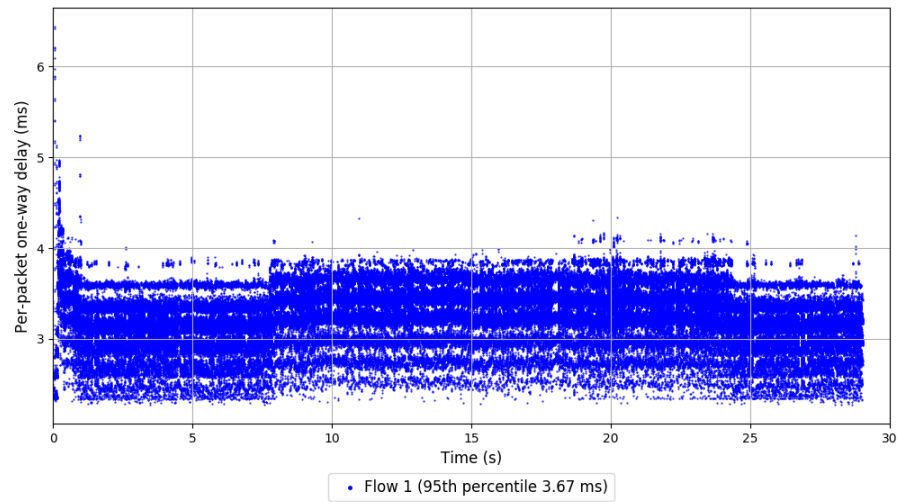
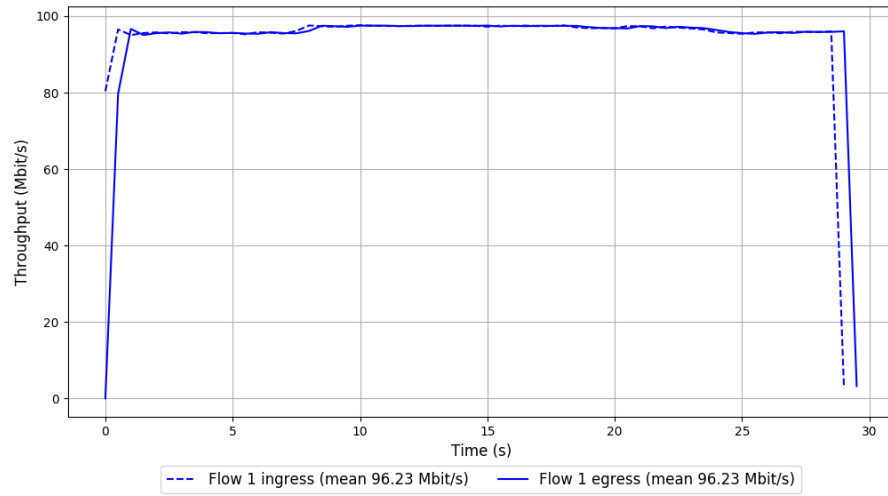
-- Flow 1:

Average throughput: 96.23 Mbit/s

95th percentile per-packet one-way delay: 3.670 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesC3 — Data Link

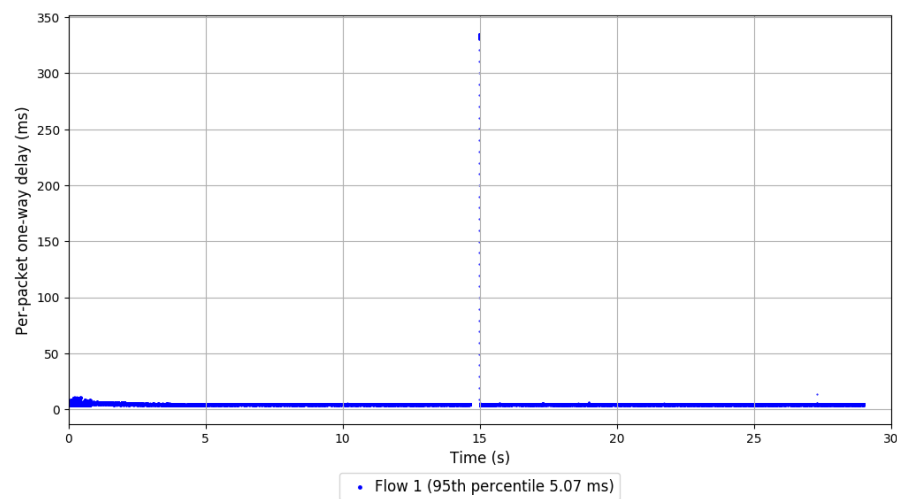
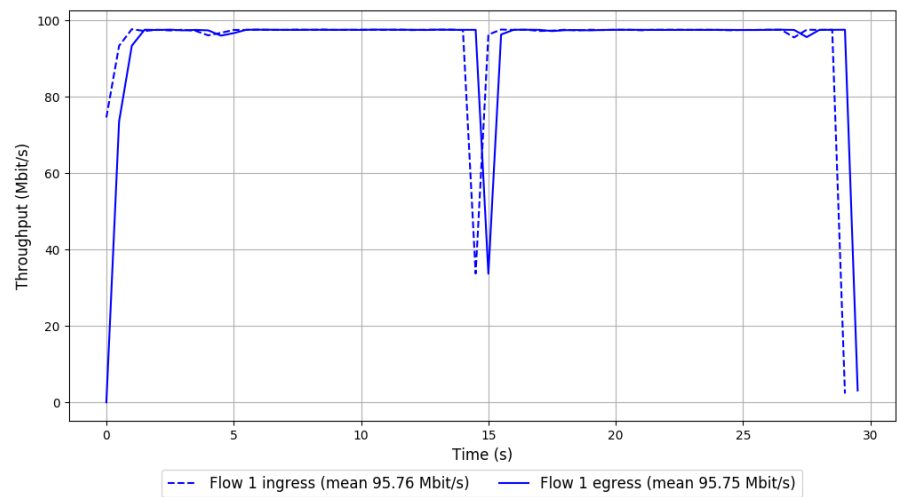


Run 3: Statistics of Indigo-MusesC3

Start at: 2019-01-17 07:30:12
End at: 2019-01-17 07:30:42
Local clock offset: -5.335 ms
Remote clock offset: -0.126 ms

Below is generated by plot.py at 2019-01-17 08:33:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.75 Mbit/s
95th percentile per-packet one-way delay: 5.066 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.75 Mbit/s
95th percentile per-packet one-way delay: 5.066 ms
Loss rate: 0.00%

Run 3: Report of Indigo-MusesC3 — Data Link

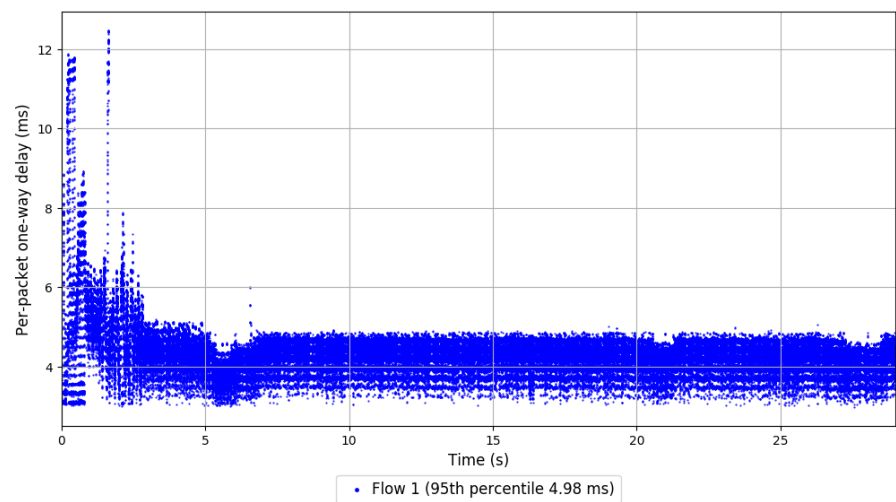
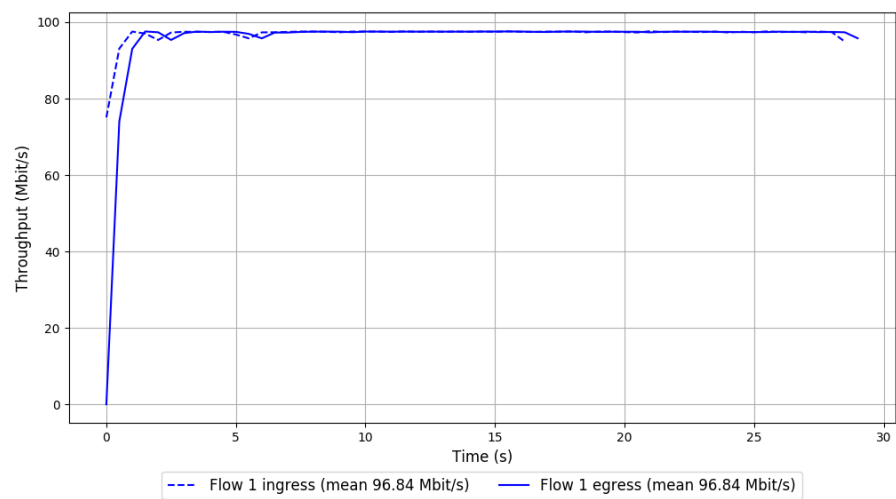


Run 4: Statistics of Indigo-MusesC3

Start at: 2019-01-17 07:53:38
End at: 2019-01-17 07:54:08
Local clock offset: -5.836 ms
Remote clock offset: -0.218 ms

Below is generated by plot.py at 2019-01-17 08:33:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.84 Mbit/s
95th percentile per-packet one-way delay: 4.982 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.84 Mbit/s
95th percentile per-packet one-way delay: 4.982 ms
Loss rate: 0.00%

Run 4: Report of Indigo-MusesC3 — Data Link

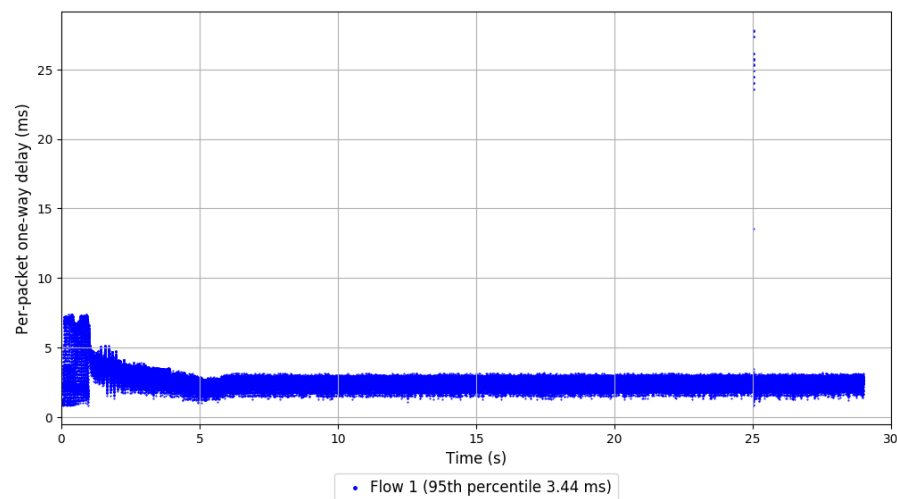
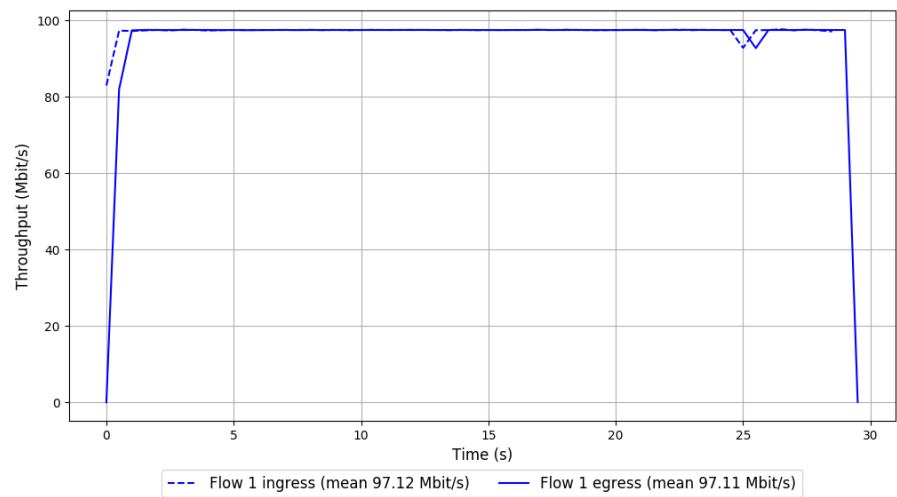


Run 5: Statistics of Indigo-MusesC3

Start at: 2019-01-17 08:17:05
End at: 2019-01-17 08:17:35
Local clock offset: -5.516 ms
Remote clock offset: -0.234 ms

Below is generated by plot.py at 2019-01-17 08:33:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 3.444 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 3.444 ms
Loss rate: 0.00%

Run 5: Report of Indigo-MusesC3 — Data Link

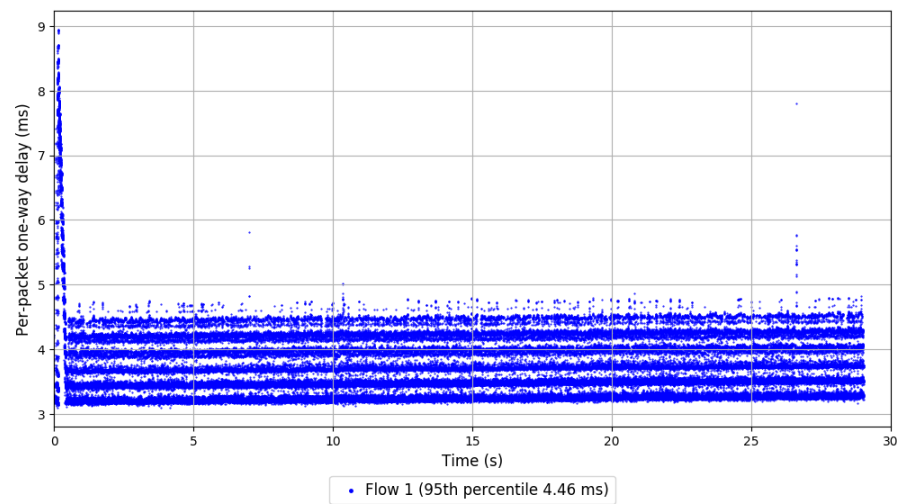
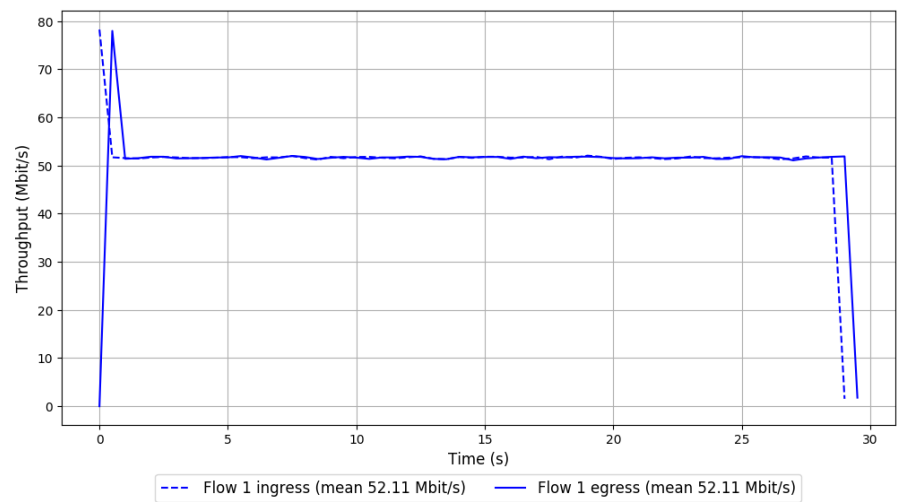


Run 1: Statistics of Indigo-MusesC5

Start at: 2019-01-17 06:51:05
End at: 2019-01-17 06:51:35
Local clock offset: -5.769 ms
Remote clock offset: -0.003 ms

Below is generated by plot.py at 2019-01-17 08:33:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 52.11 Mbit/s
95th percentile per-packet one-way delay: 4.459 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 52.11 Mbit/s
95th percentile per-packet one-way delay: 4.459 ms
Loss rate: 0.00%

Run 1: Report of Indigo-MusesC5 — Data Link



Run 2: Statistics of Indigo-MusesC5

Start at: 2019-01-17 07:14:33

End at: 2019-01-17 07:15:03

Local clock offset: -3.608 ms

Remote clock offset: -0.09 ms

Below is generated by plot.py at 2019-01-17 08:33:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 61.70 Mbit/s

95th percentile per-packet one-way delay: 3.883 ms

Loss rate: 0.00%

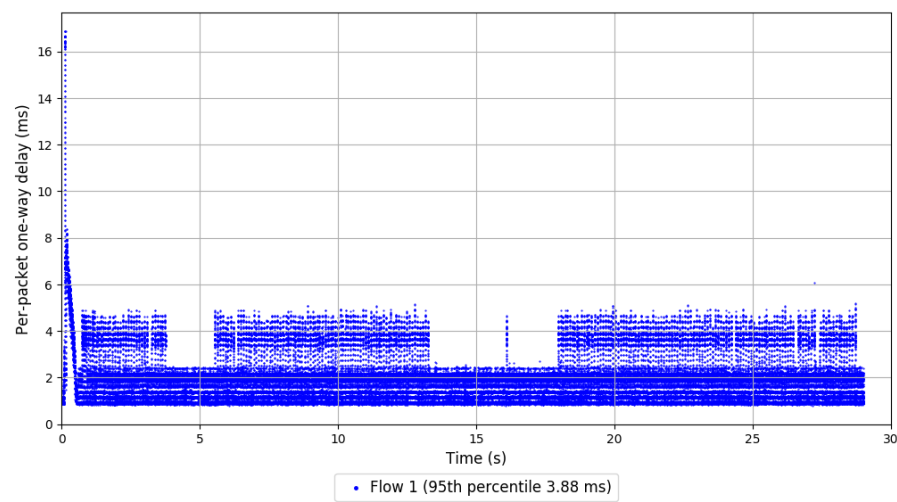
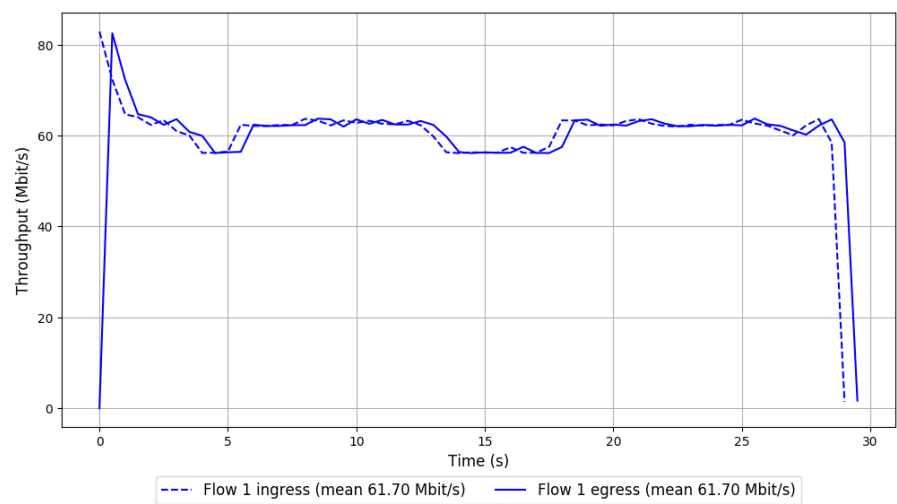
-- Flow 1:

Average throughput: 61.70 Mbit/s

95th percentile per-packet one-way delay: 3.883 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesC5 — Data Link

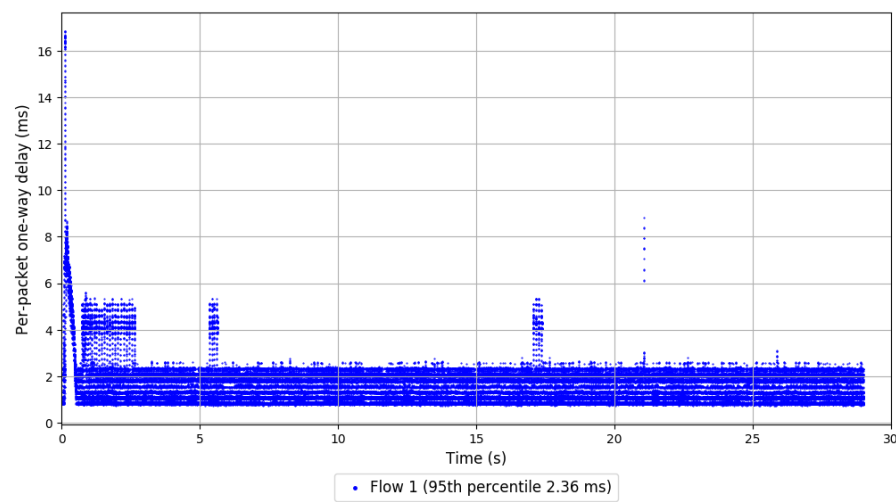
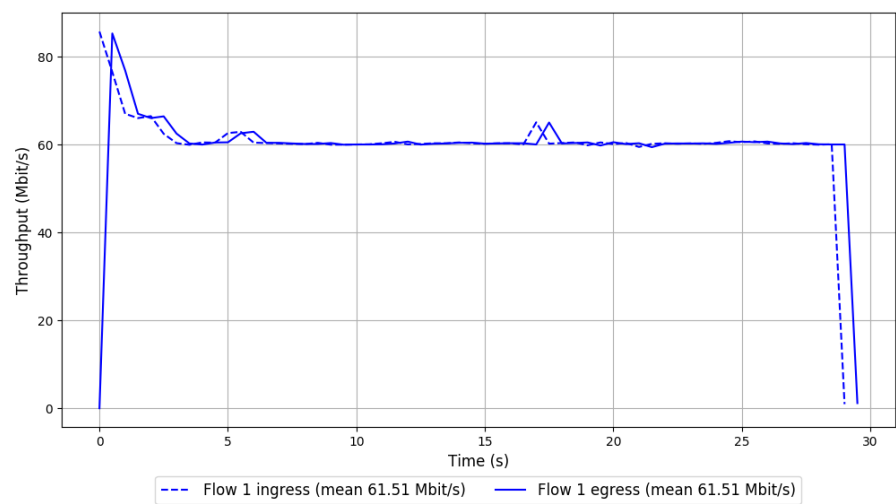


Run 3: Statistics of Indigo-MusesC5

Start at: 2019-01-17 07:38:01
End at: 2019-01-17 07:38:31
Local clock offset: -4.786 ms
Remote clock offset: -0.211 ms

Below is generated by plot.py at 2019-01-17 08:34:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.51 Mbit/s
95th percentile per-packet one-way delay: 2.358 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 61.51 Mbit/s
95th percentile per-packet one-way delay: 2.358 ms
Loss rate: 0.00%

Run 3: Report of Indigo-MusesC5 — Data Link

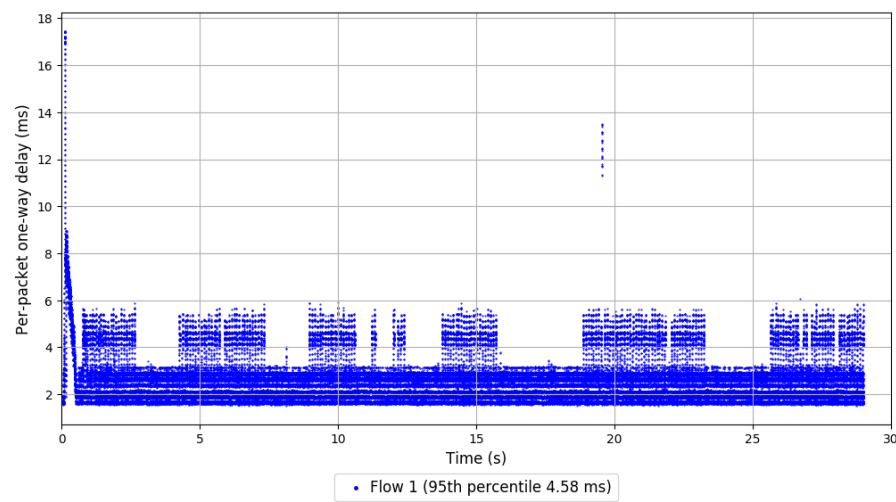
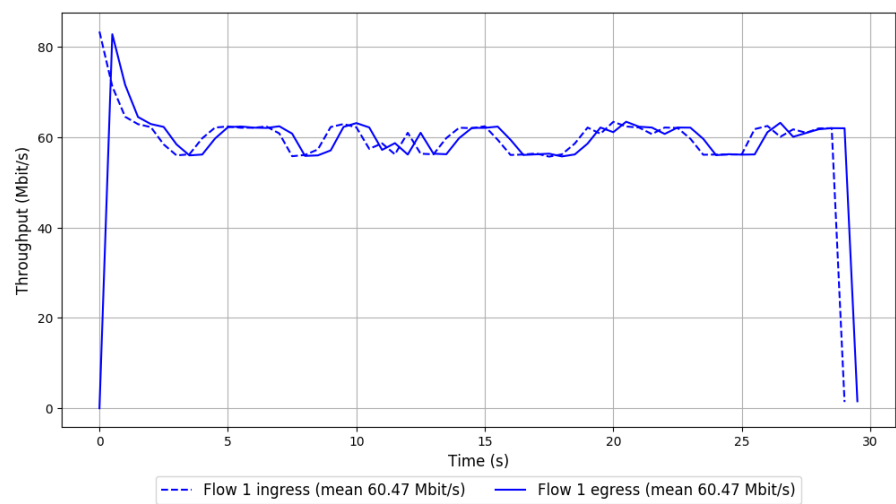


Run 4: Statistics of Indigo-MusesC5

Start at: 2019-01-17 08:01:26
End at: 2019-01-17 08:01:56
Local clock offset: -5.934 ms
Remote clock offset: -0.219 ms

Below is generated by plot.py at 2019-01-17 08:34:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.47 Mbit/s
95th percentile per-packet one-way delay: 4.583 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.47 Mbit/s
95th percentile per-packet one-way delay: 4.583 ms
Loss rate: 0.00%

Run 4: Report of Indigo-MusesC5 — Data Link



Run 5: Statistics of Indigo-MusesC5

Start at: 2019-01-17 08:24:54

End at: 2019-01-17 08:25:24

Local clock offset: -5.514 ms

Remote clock offset: -0.176 ms

Below is generated by plot.py at 2019-01-17 08:34:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.80 Mbit/s

95th percentile per-packet one-way delay: 2.294 ms

Loss rate: 0.00%

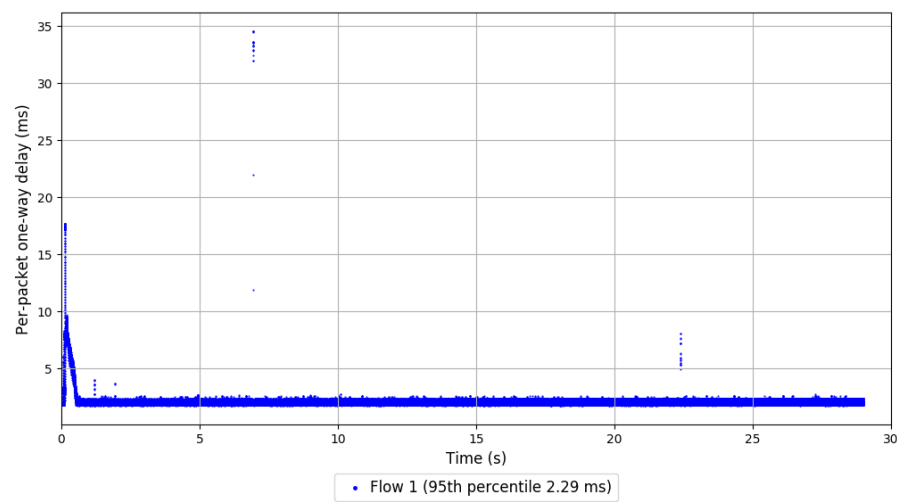
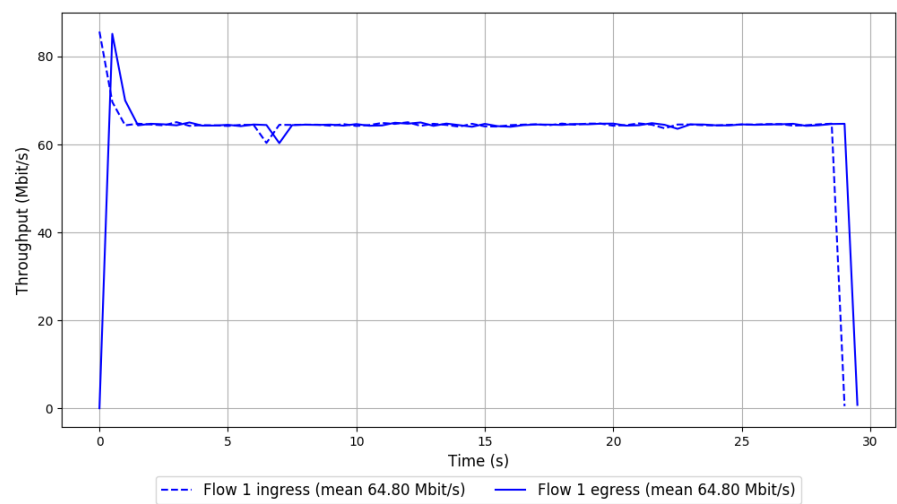
-- Flow 1:

Average throughput: 64.80 Mbit/s

95th percentile per-packet one-way delay: 2.294 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesC5 — Data Link



Run 1: Statistics of Indigo-MusesD

Start at: 2019-01-17 06:38:44

End at: 2019-01-17 06:39:14

Local clock offset: -5.229 ms

Remote clock offset: 0.045 ms

Below is generated by plot.py at 2019-01-17 08:34:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.76 Mbit/s

95th percentile per-packet one-way delay: 1.574 ms

Loss rate: 0.00%

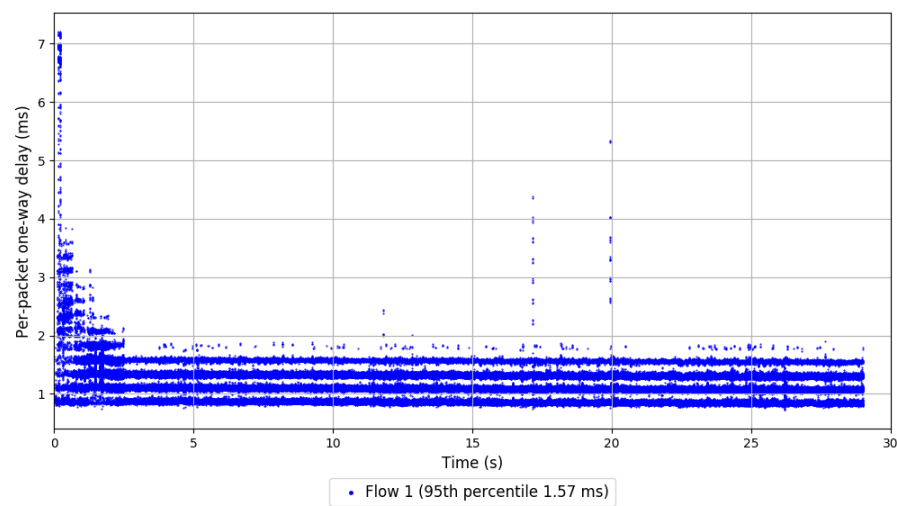
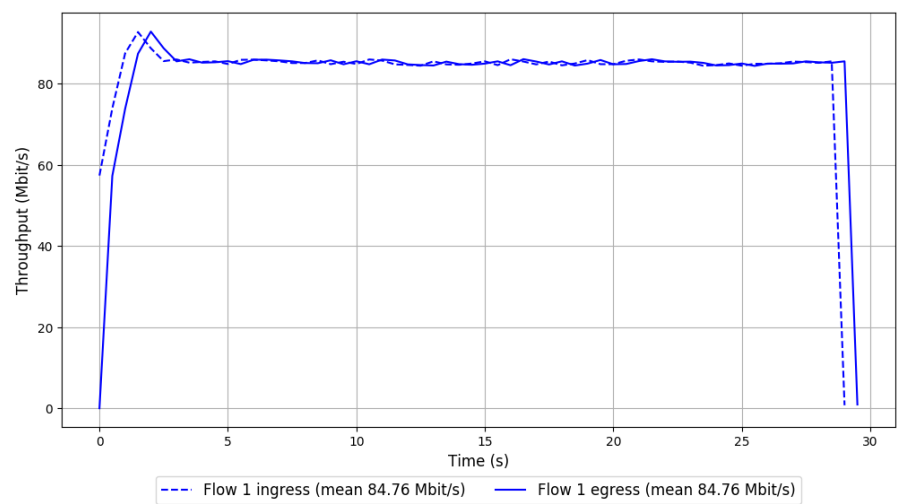
-- Flow 1:

Average throughput: 84.76 Mbit/s

95th percentile per-packet one-way delay: 1.574 ms

Loss rate: 0.00%

Run 1: Report of Indigo-MusesD — Data Link



Run 2: Statistics of Indigo-MusesD

Start at: 2019-01-17 07:02:12

End at: 2019-01-17 07:02:42

Local clock offset: -4.584 ms

Remote clock offset: -0.096 ms

Below is generated by plot.py at 2019-01-17 08:34:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.83 Mbit/s

95th percentile per-packet one-way delay: 2.324 ms

Loss rate: 0.00%

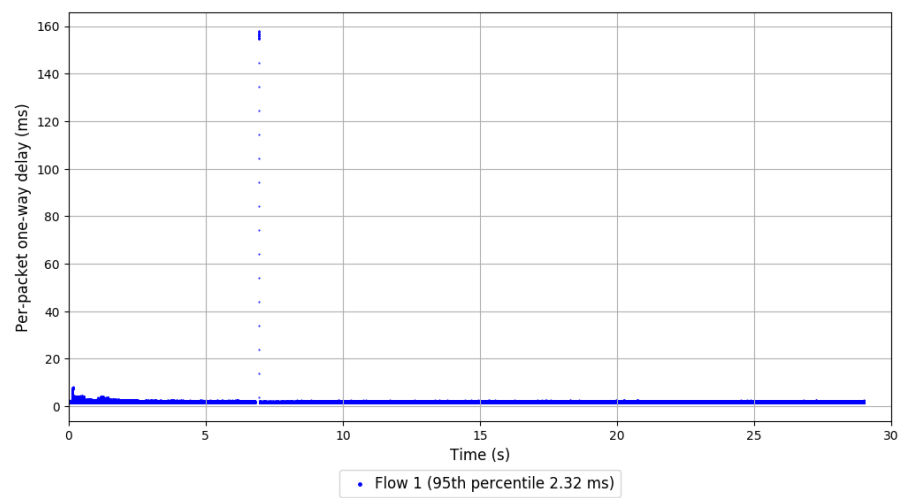
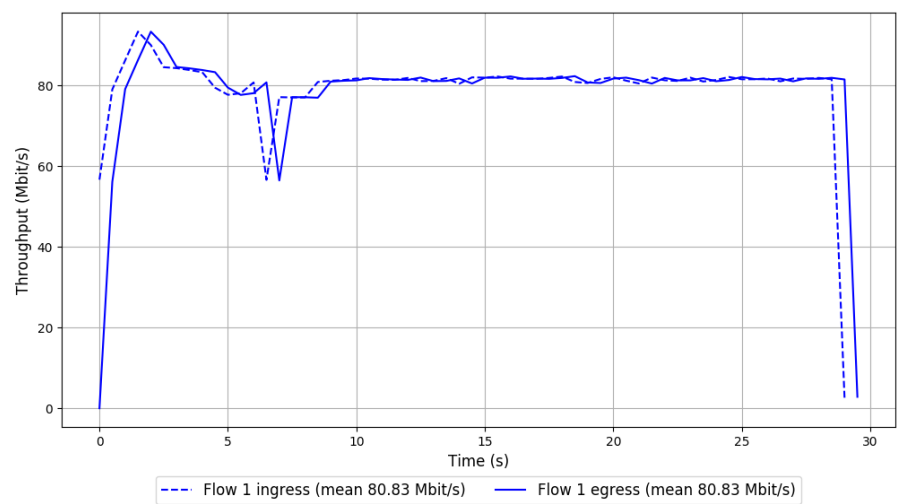
-- Flow 1:

Average throughput: 80.83 Mbit/s

95th percentile per-packet one-way delay: 2.324 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesD — Data Link



Run 3: Statistics of Indigo-MusesD

Start at: 2019-01-17 07:25:40

End at: 2019-01-17 07:26:10

Local clock offset: -5.016 ms

Remote clock offset: -0.148 ms

Below is generated by plot.py at 2019-01-17 08:34:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.32 Mbit/s

95th percentile per-packet one-way delay: 2.258 ms

Loss rate: 0.00%

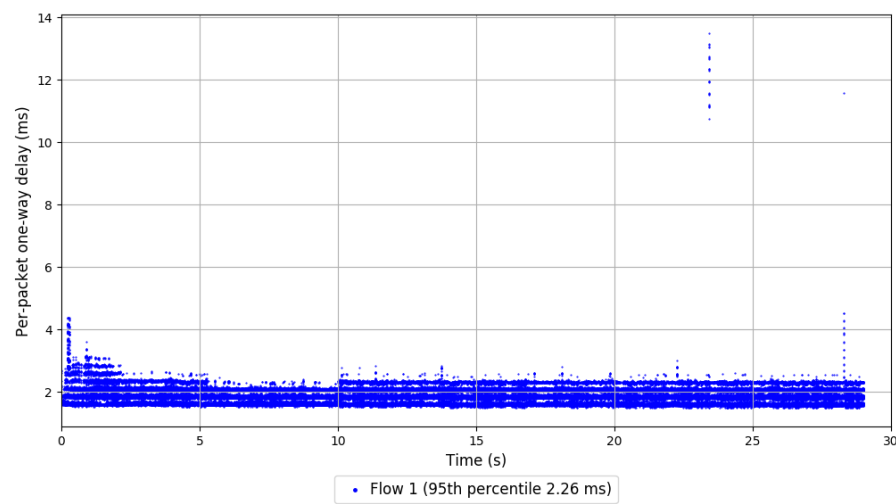
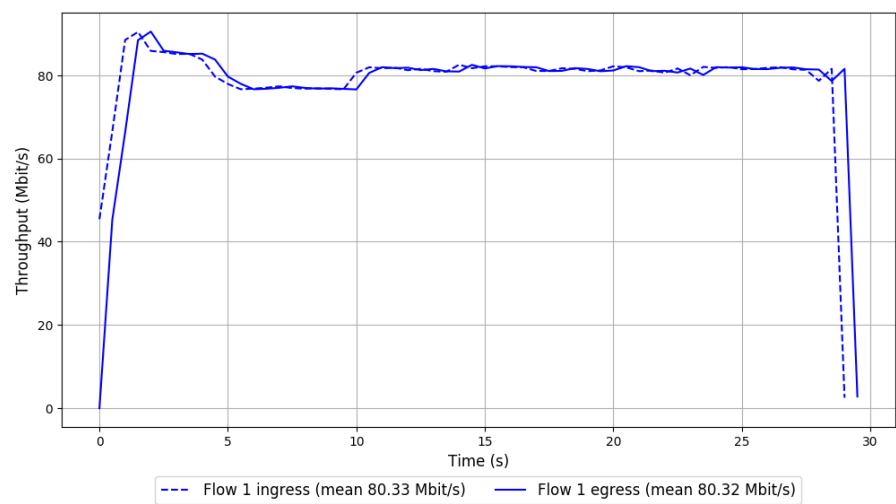
-- Flow 1:

Average throughput: 80.32 Mbit/s

95th percentile per-packet one-way delay: 2.258 ms

Loss rate: 0.00%

Run 3: Report of Indigo-MusesD — Data Link



Run 4: Statistics of Indigo-MusesD

Start at: 2019-01-17 07:49:07

End at: 2019-01-17 07:49:37

Local clock offset: -5.783 ms

Remote clock offset: -0.18 ms

Below is generated by plot.py at 2019-01-17 08:34:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.47 Mbit/s

95th percentile per-packet one-way delay: 3.590 ms

Loss rate: 0.00%

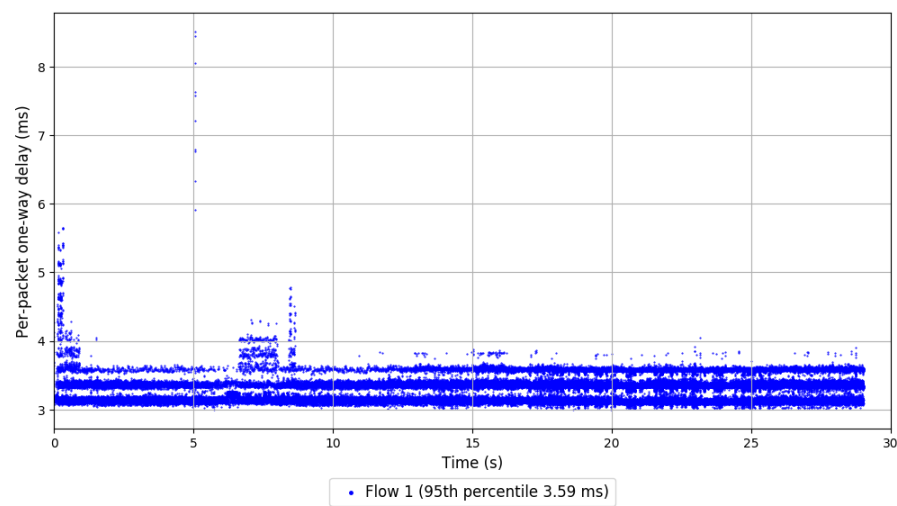
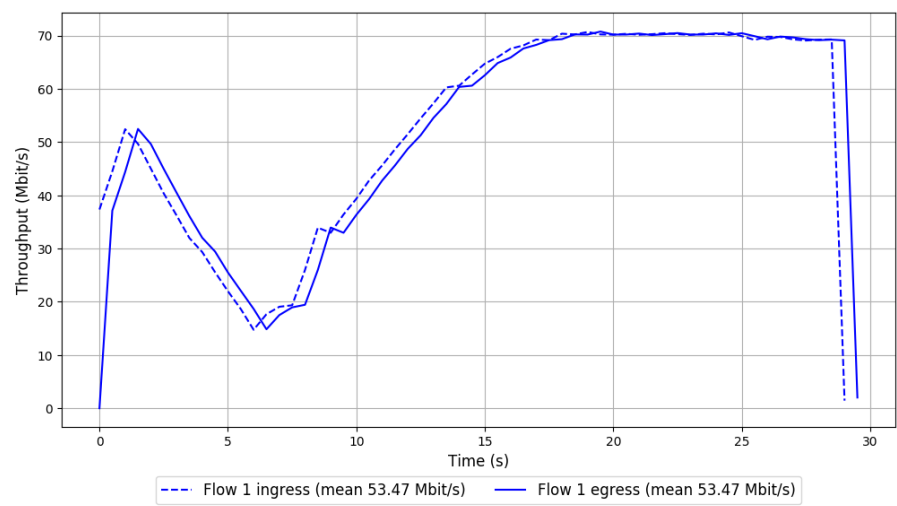
-- Flow 1:

Average throughput: 53.47 Mbit/s

95th percentile per-packet one-way delay: 3.590 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesD — Data Link



Run 5: Statistics of Indigo-MusesD

Start at: 2019-01-17 08:12:32

End at: 2019-01-17 08:13:02

Local clock offset: -6.124 ms

Remote clock offset: -0.24 ms

Below is generated by plot.py at 2019-01-17 08:34:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.68 Mbit/s

95th percentile per-packet one-way delay: 2.402 ms

Loss rate: 0.00%

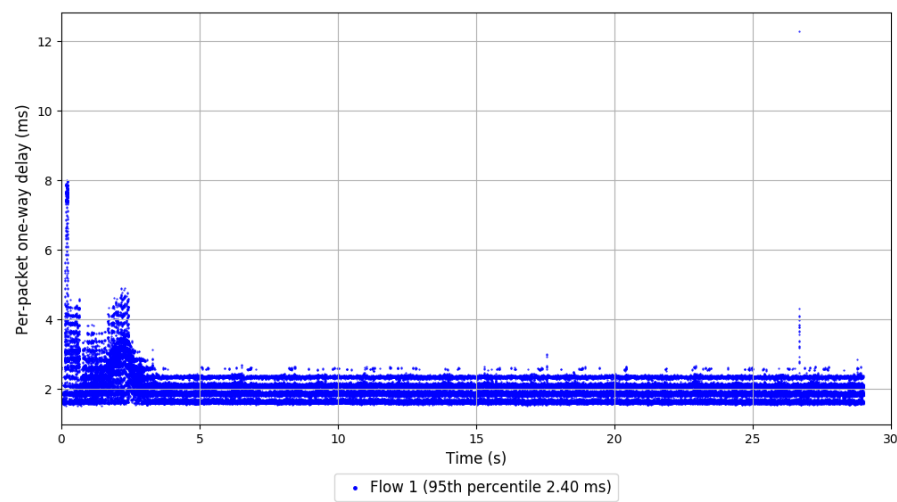
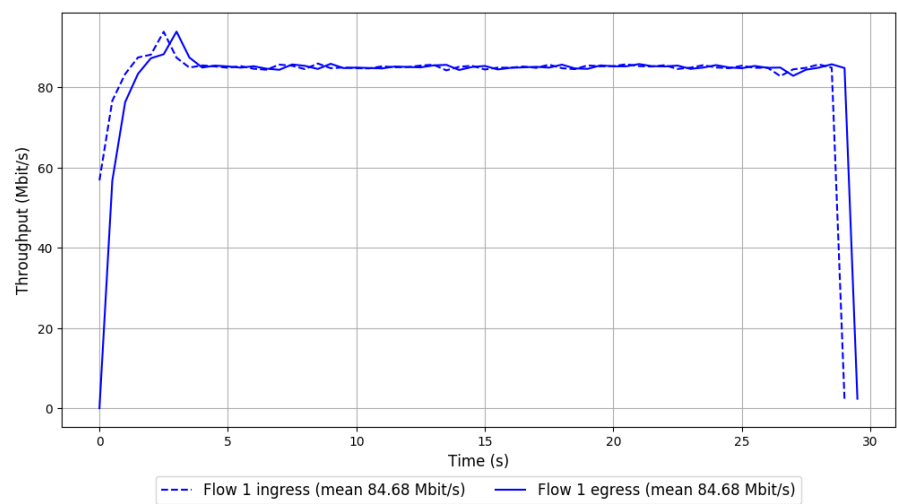
-- Flow 1:

Average throughput: 84.68 Mbit/s

95th percentile per-packet one-way delay: 2.402 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesD — Data Link



Run 1: Statistics of Indigo-MusesT

Start at: 2019-01-17 06:37:36

End at: 2019-01-17 06:38:06

Local clock offset: -5.022 ms

Remote clock offset: 0.144 ms

Below is generated by plot.py at 2019-01-17 08:35:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.53 Mbit/s

95th percentile per-packet one-way delay: 2.365 ms

Loss rate: 0.00%

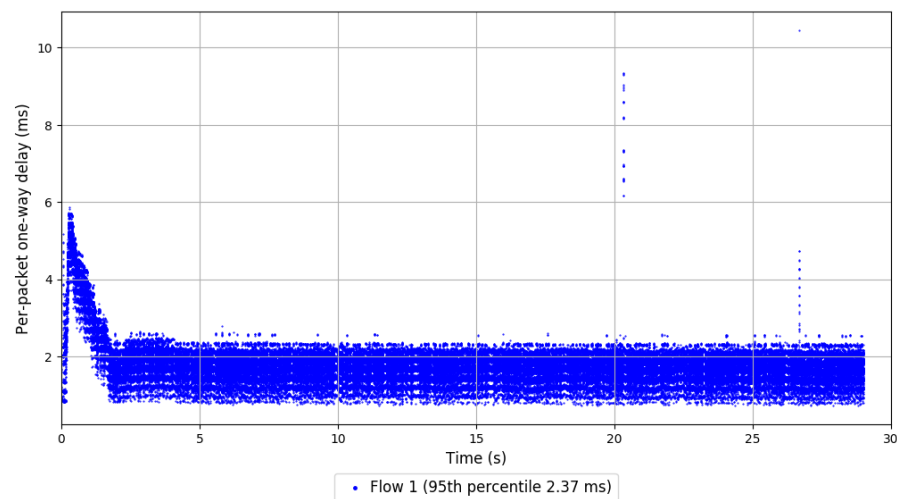
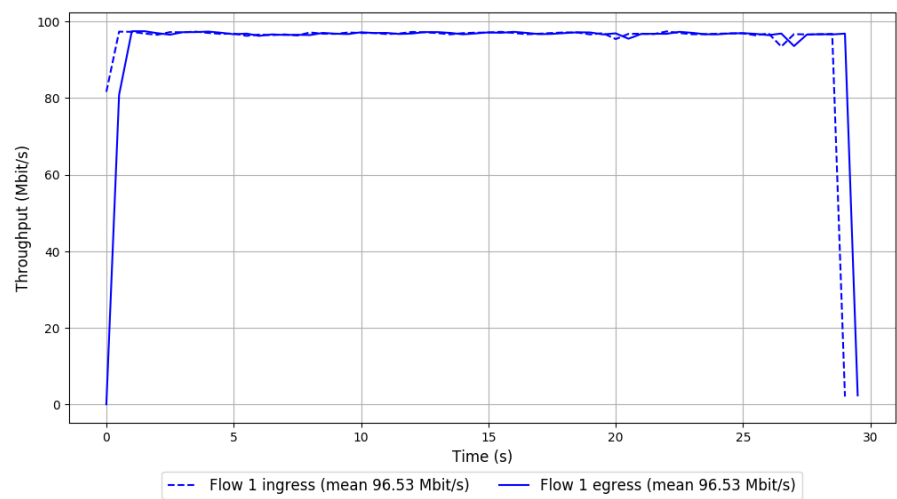
-- Flow 1:

Average throughput: 96.53 Mbit/s

95th percentile per-packet one-way delay: 2.365 ms

Loss rate: 0.00%

Run 1: Report of Indigo-MusesT — Data Link



Run 2: Statistics of Indigo-MusesT

Start at: 2019-01-17 07:01:04

End at: 2019-01-17 07:01:34

Local clock offset: -4.627 ms

Remote clock offset: 0.017 ms

Below is generated by plot.py at 2019-01-17 08:35:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.69 Mbit/s

95th percentile per-packet one-way delay: 4.171 ms

Loss rate: 0.00%

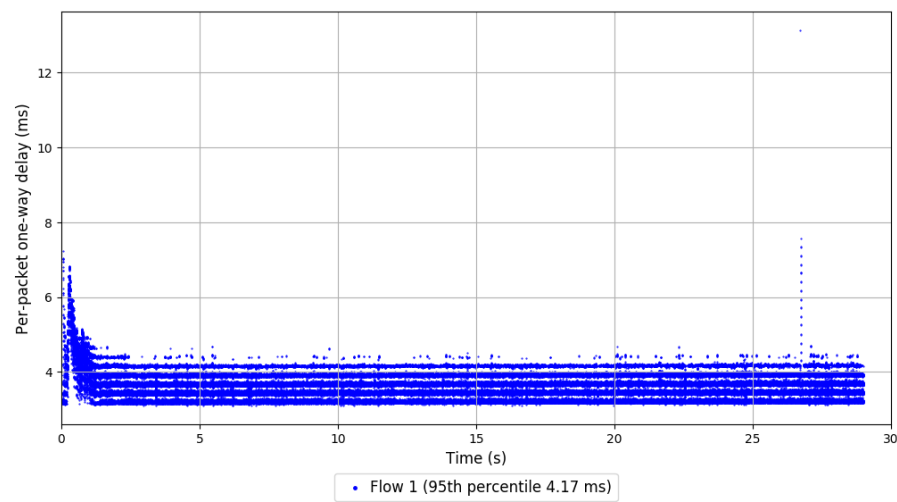
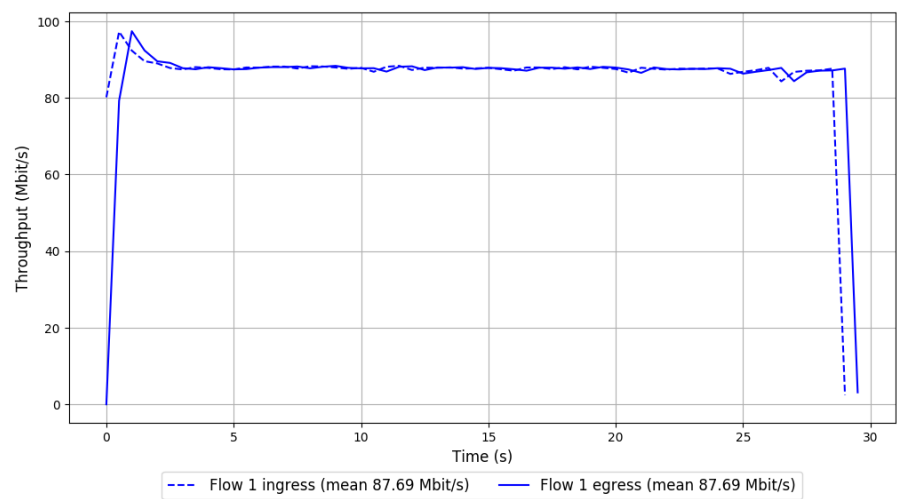
-- Flow 1:

Average throughput: 87.69 Mbit/s

95th percentile per-packet one-way delay: 4.171 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesT — Data Link



Run 3: Statistics of Indigo-MusesT

Start at: 2019-01-17 07:24:32

End at: 2019-01-17 07:25:02

Local clock offset: -4.185 ms

Remote clock offset: -0.189 ms

Below is generated by plot.py at 2019-01-17 08:35:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.40 Mbit/s

95th percentile per-packet one-way delay: 3.241 ms

Loss rate: 0.00%

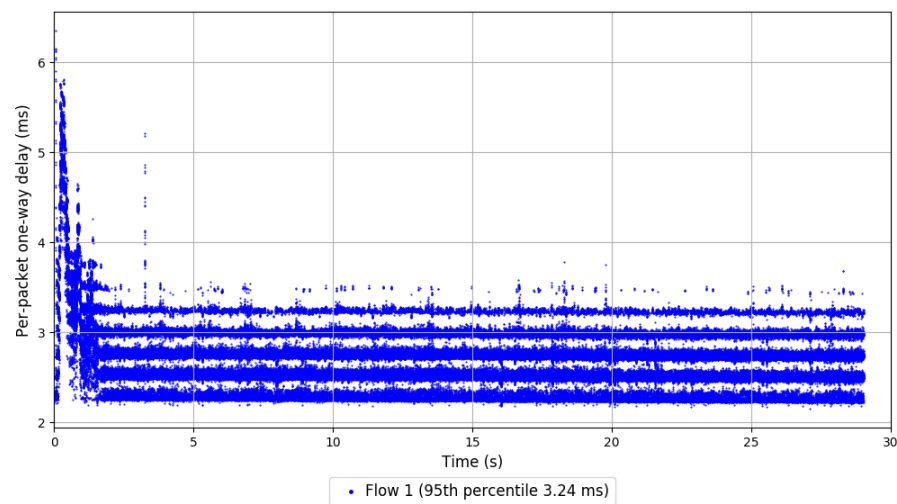
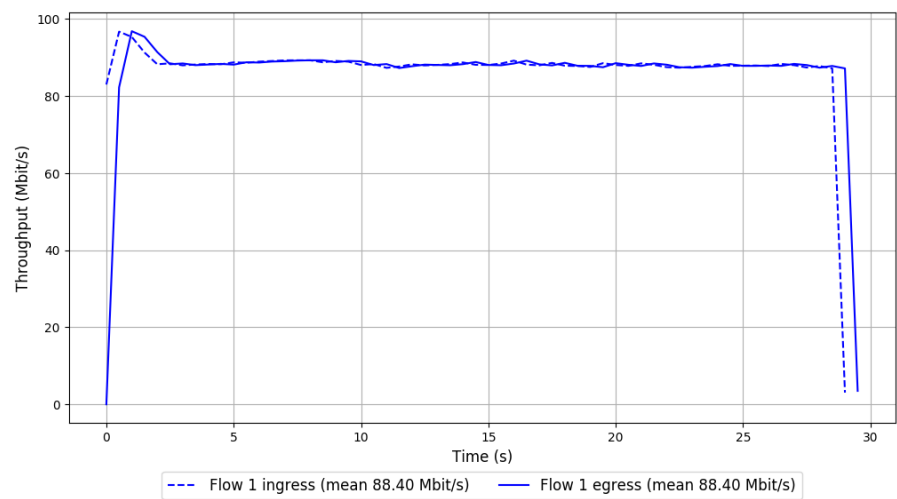
-- Flow 1:

Average throughput: 88.40 Mbit/s

95th percentile per-packet one-way delay: 3.241 ms

Loss rate: 0.00%

Run 3: Report of Indigo-MusesT — Data Link

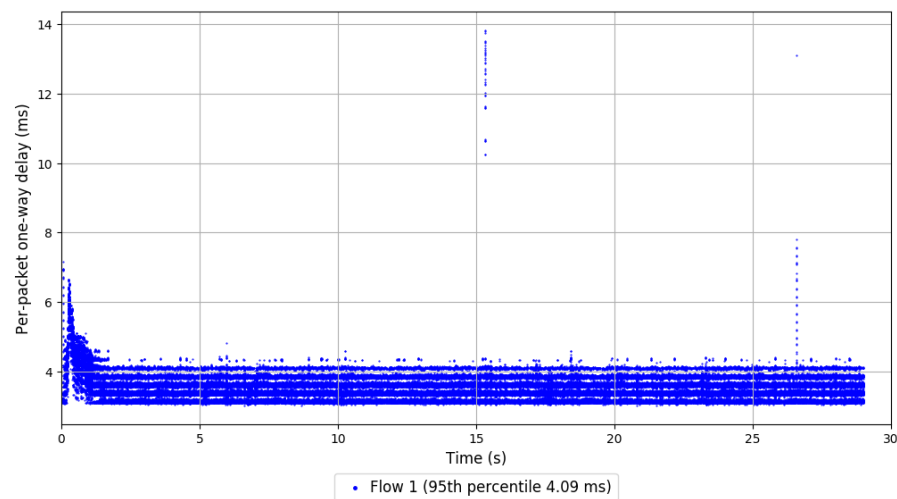
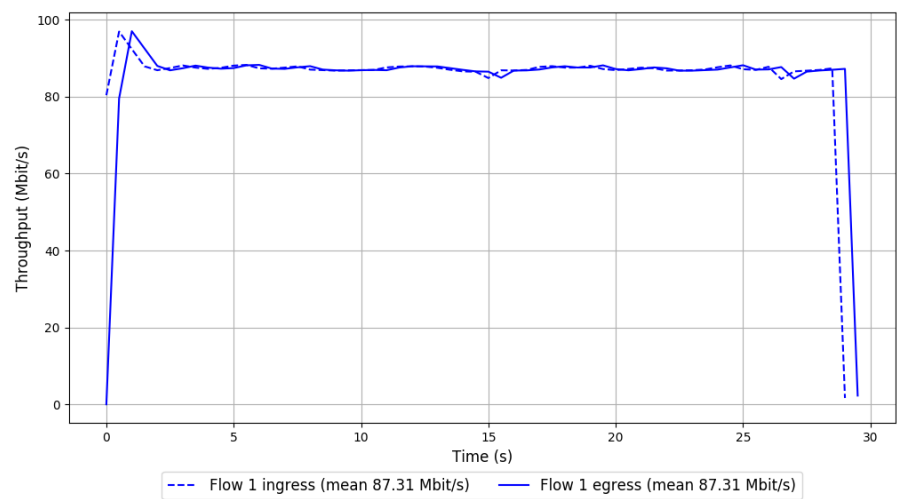


Run 4: Statistics of Indigo-MusesT

Start at: 2019-01-17 07:47:59
End at: 2019-01-17 07:48:29
Local clock offset: -5.783 ms
Remote clock offset: -0.184 ms

Below is generated by plot.py at 2019-01-17 08:35:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.31 Mbit/s
95th percentile per-packet one-way delay: 4.092 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.31 Mbit/s
95th percentile per-packet one-way delay: 4.092 ms
Loss rate: 0.00%

Run 4: Report of Indigo-MusesT — Data Link

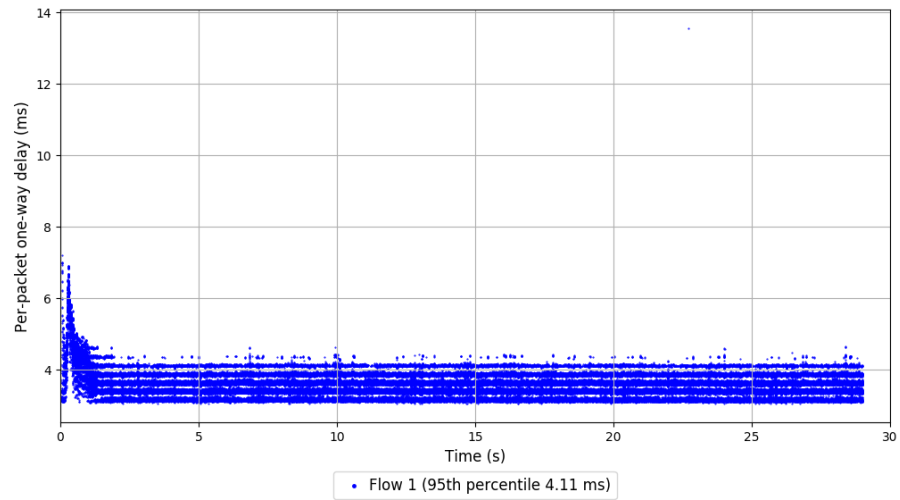
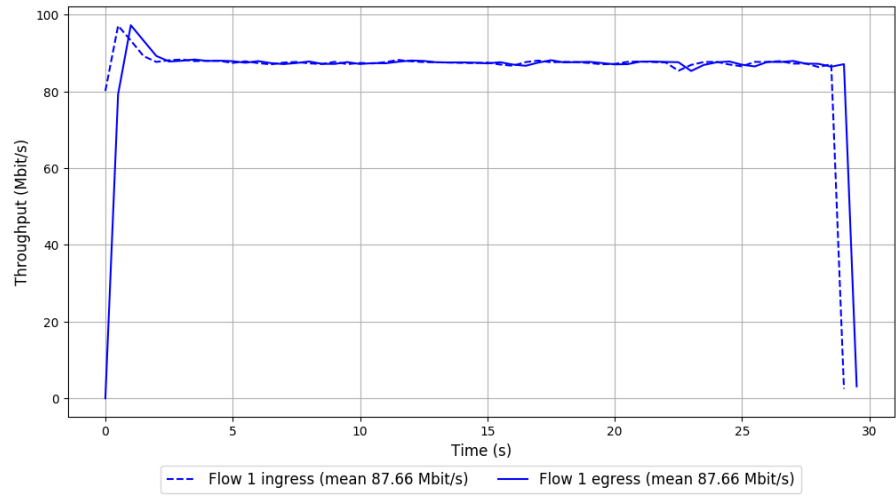


Run 5: Statistics of Indigo-MusesT

Start at: 2019-01-17 08:11:25
End at: 2019-01-17 08:11:55
Local clock offset: -6.093 ms
Remote clock offset: -0.191 ms

Below is generated by plot.py at 2019-01-17 08:35:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.66 Mbit/s
95th percentile per-packet one-way delay: 4.109 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.66 Mbit/s
95th percentile per-packet one-way delay: 4.109 ms
Loss rate: 0.00%

Run 5: Report of Indigo-MusesT — Data Link

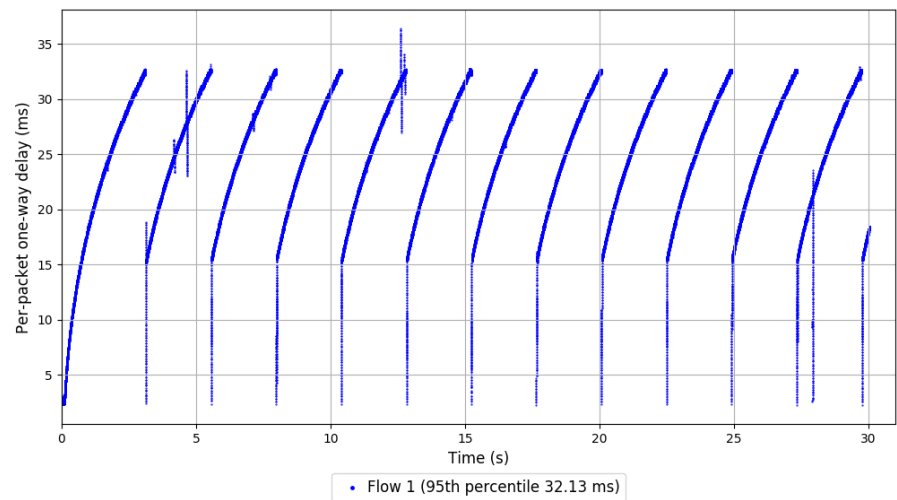
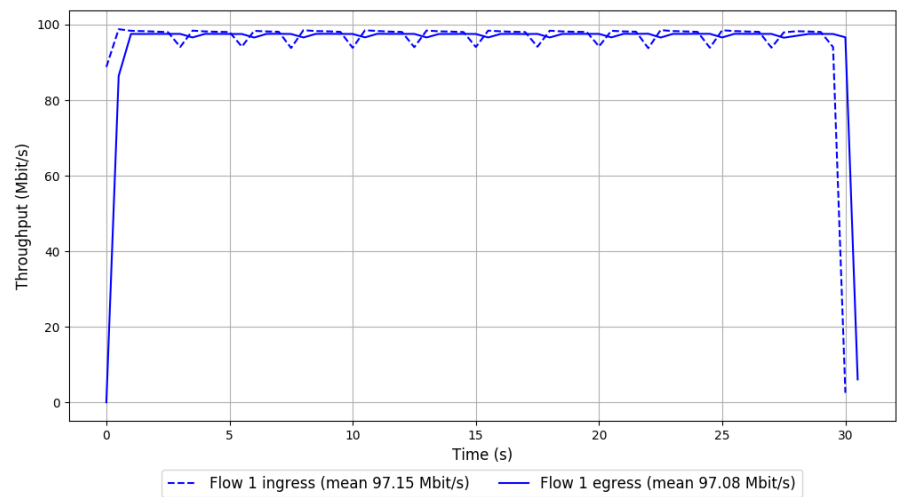


```
Run 1: Statistics of LEDBAT

Start at: 2019-01-17 06:42:07
End at: 2019-01-17 06:42:37
Local clock offset: -5.504 ms
Remote clock offset: 0.066 ms

# Below is generated by plot.py at 2019-01-17 08:35:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 32.126 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 32.126 ms
Loss rate: 0.01%
```

Run 1: Report of LEDBAT — Data Link

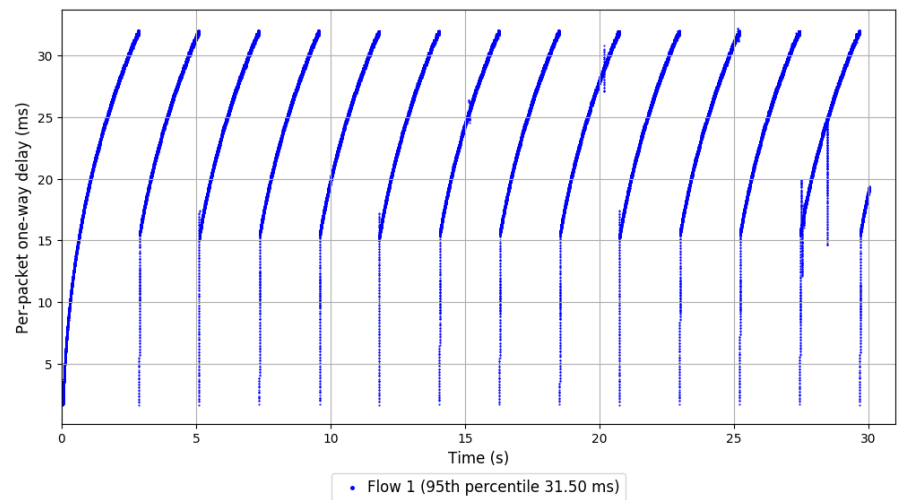
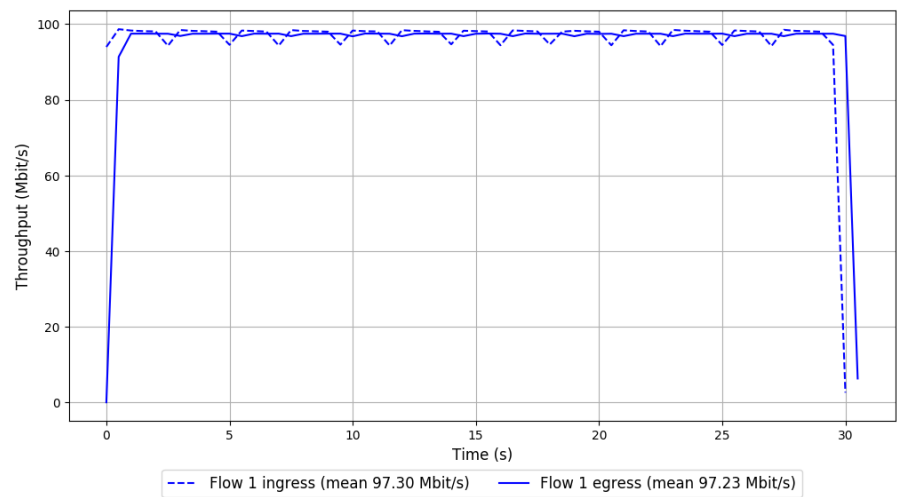


Run 2: Statistics of LEDBAT

Start at: 2019-01-17 07:05:35
End at: 2019-01-17 07:06:05
Local clock offset: -4.533 ms
Remote clock offset: -0.064 ms

Below is generated by plot.py at 2019-01-17 08:35:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.23 Mbit/s
95th percentile per-packet one-way delay: 31.498 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.23 Mbit/s
95th percentile per-packet one-way delay: 31.498 ms
Loss rate: 0.01%

Run 2: Report of LEDBAT — Data Link

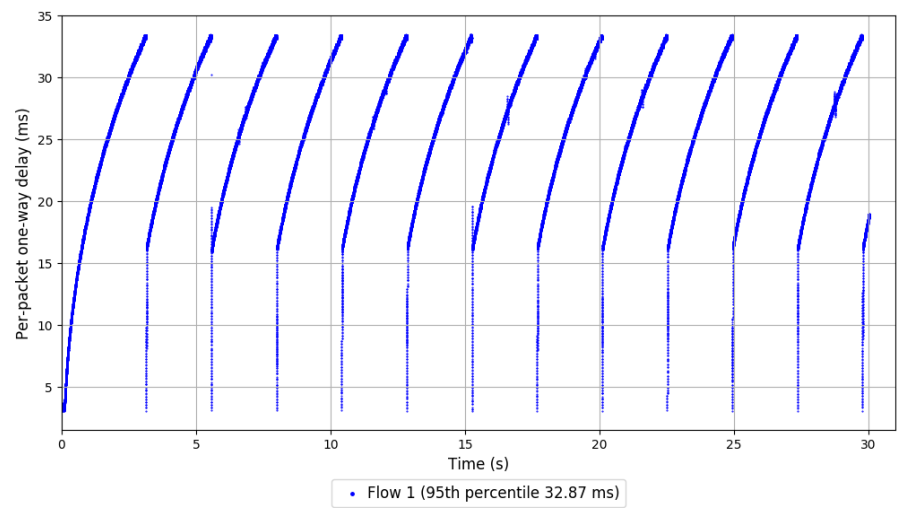
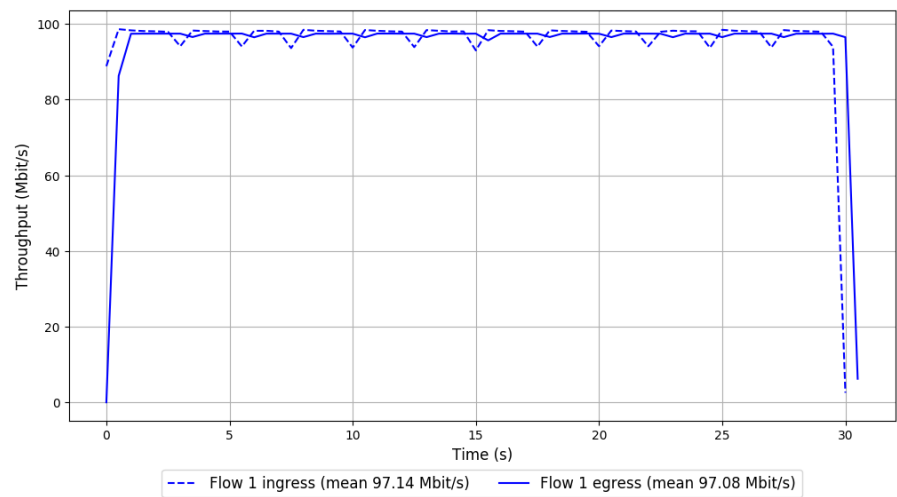


Run 3: Statistics of LEDBAT

Start at: 2019-01-17 07:29:03
End at: 2019-01-17 07:29:33
Local clock offset: -5.22 ms
Remote clock offset: -0.156 ms

Below is generated by plot.py at 2019-01-17 08:35:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 32.865 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.08 Mbit/s
95th percentile per-packet one-way delay: 32.865 ms
Loss rate: 0.01%

Run 3: Report of LEDBAT — Data Link

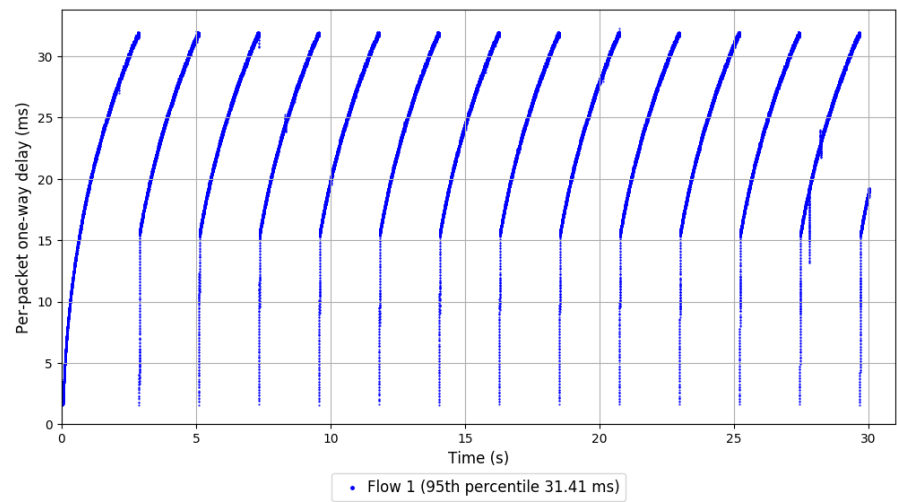
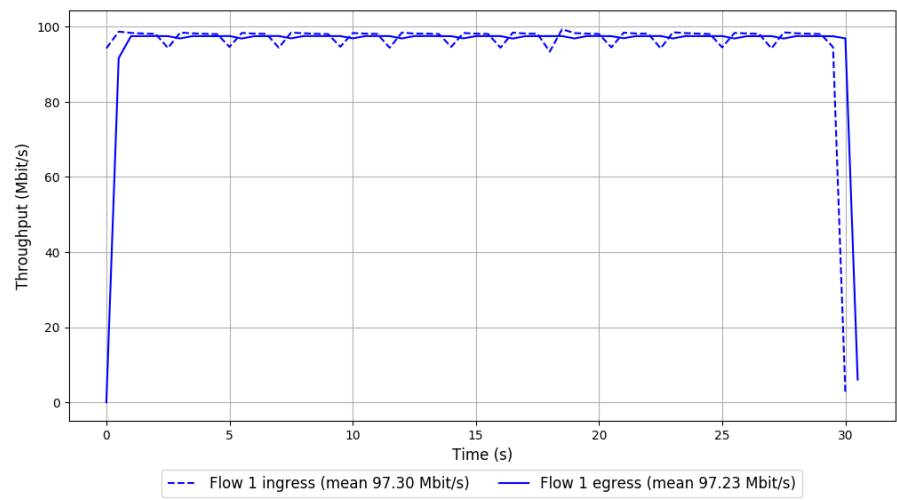


Run 4: Statistics of LEDBAT

Start at: 2019-01-17 07:52:29
End at: 2019-01-17 07:52:59
Local clock offset: -5.809 ms
Remote clock offset: -0.194 ms

Below is generated by plot.py at 2019-01-17 08:36:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.23 Mbit/s
95th percentile per-packet one-way delay: 31.414 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.23 Mbit/s
95th percentile per-packet one-way delay: 31.414 ms
Loss rate: 0.01%

Run 4: Report of LEDBAT — Data Link

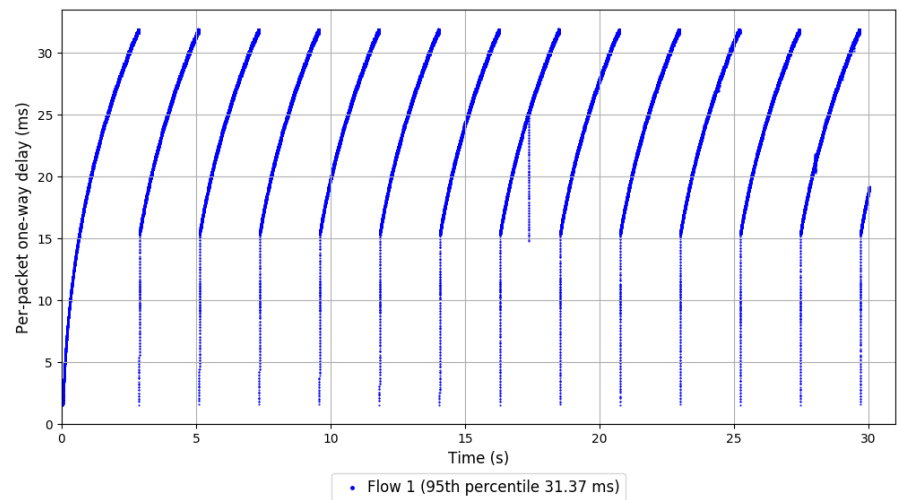
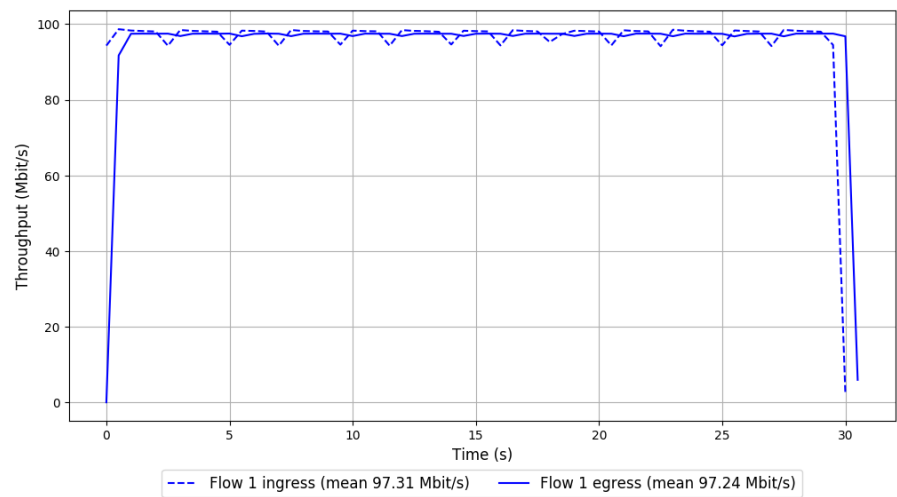


Run 5: Statistics of LEDBAT

Start at: 2019-01-17 08:15:55
End at: 2019-01-17 08:16:25
Local clock offset: -6.185 ms
Remote clock offset: -0.256 ms

Below is generated by plot.py at 2019-01-17 08:36:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.24 Mbit/s
95th percentile per-packet one-way delay: 31.370 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.24 Mbit/s
95th percentile per-packet one-way delay: 31.370 ms
Loss rate: 0.01%

Run 5: Report of LEDBAT — Data Link

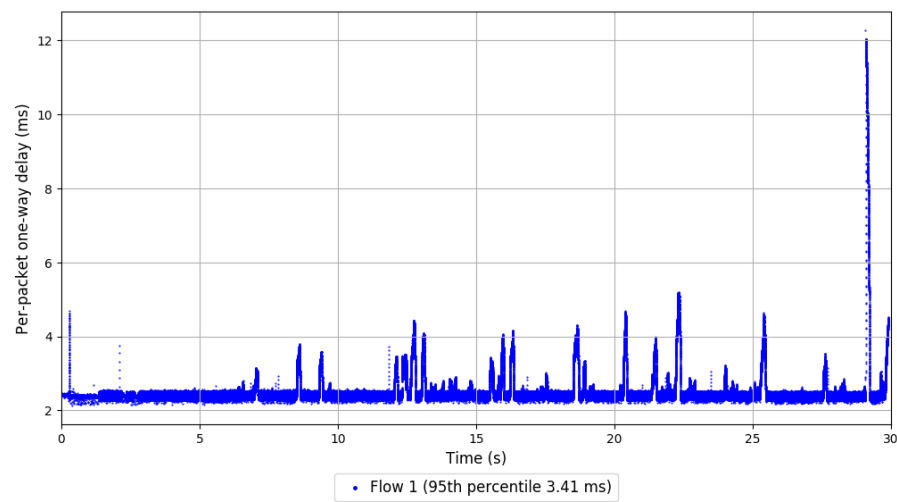
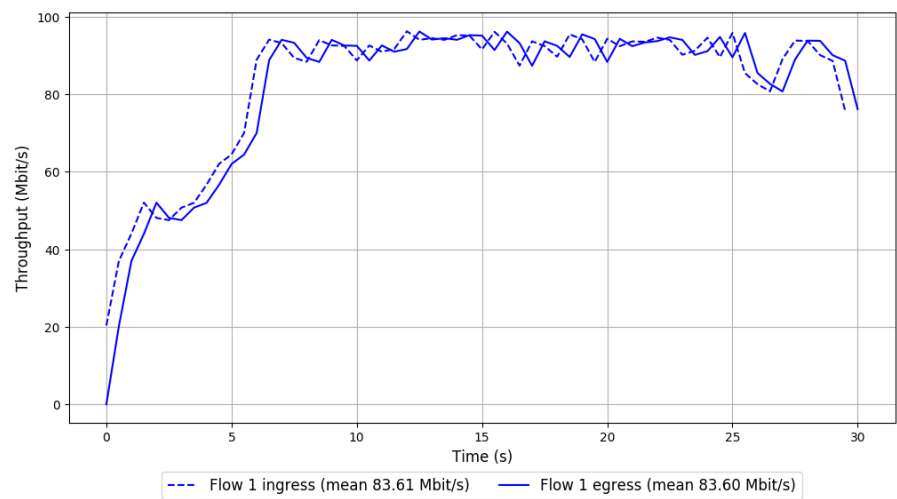


```
Run 1: Statistics of PCC-Allegro

Start at: 2019-01-17 06:46:37
End at: 2019-01-17 06:47:07
Local clock offset: -5.761 ms
Remote clock offset: 0.088 ms

# Below is generated by plot.py at 2019-01-17 08:36:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.60 Mbit/s
95th percentile per-packet one-way delay: 3.410 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 83.60 Mbit/s
95th percentile per-packet one-way delay: 3.410 ms
Loss rate: 0.00%
```

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2019-01-17 07:10:05

End at: 2019-01-17 07:10:35

Local clock offset: -4.378 ms

Remote clock offset: -0.147 ms

Below is generated by plot.py at 2019-01-17 08:36:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.91 Mbit/s

95th percentile per-packet one-way delay: 3.964 ms

Loss rate: 0.00%

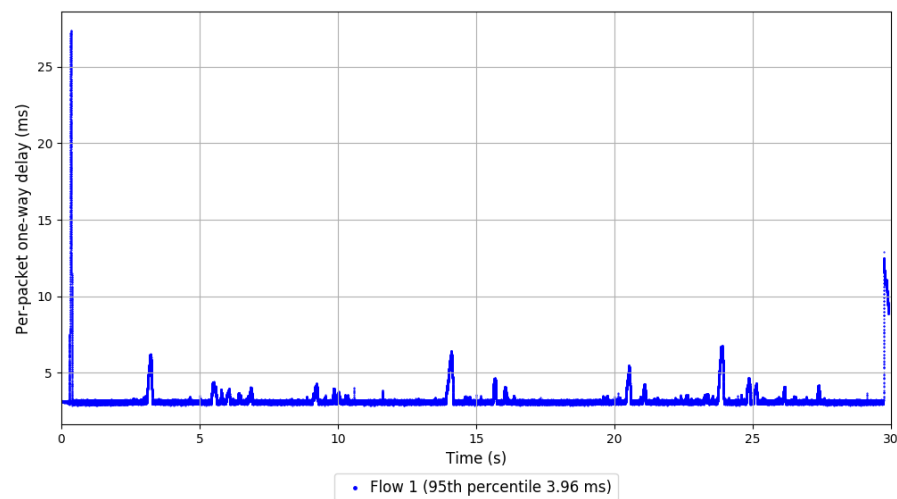
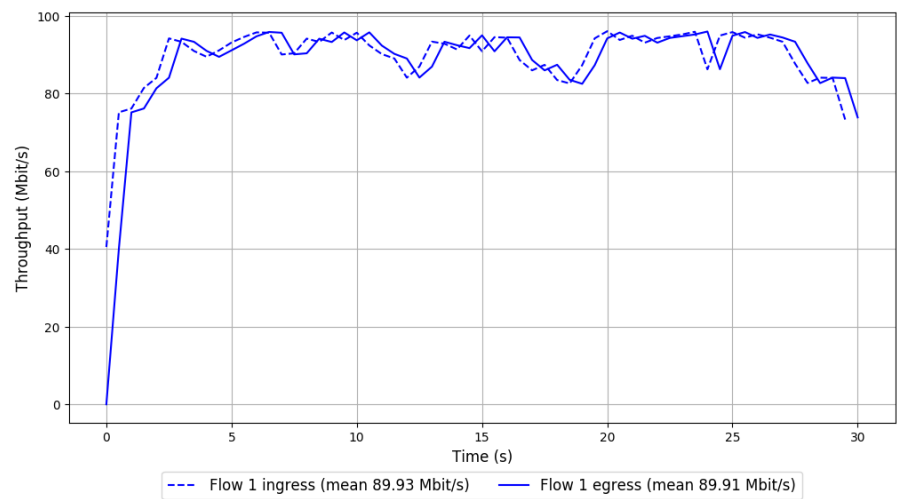
-- Flow 1:

Average throughput: 89.91 Mbit/s

95th percentile per-packet one-way delay: 3.964 ms

Loss rate: 0.00%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2019-01-17 07:33:33

End at: 2019-01-17 07:34:03

Local clock offset: -5.406 ms

Remote clock offset: -0.171 ms

Below is generated by plot.py at 2019-01-17 08:36:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.20 Mbit/s

95th percentile per-packet one-way delay: 2.828 ms

Loss rate: 0.00%

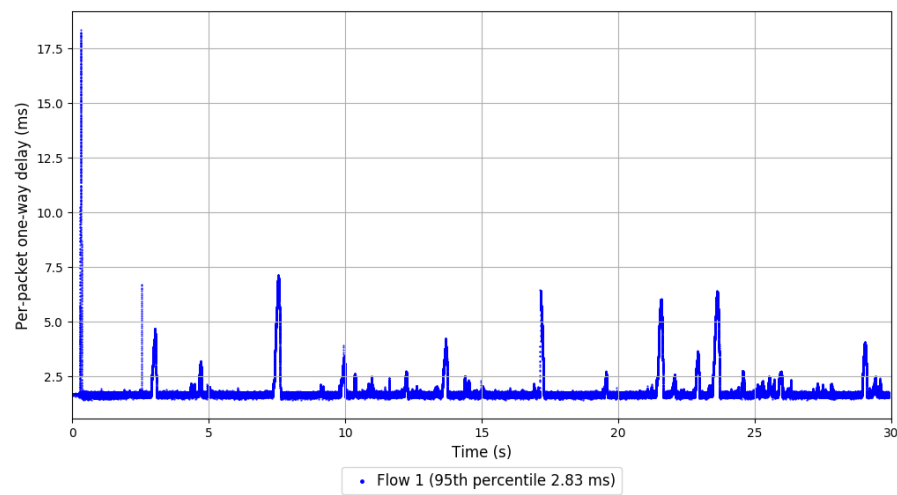
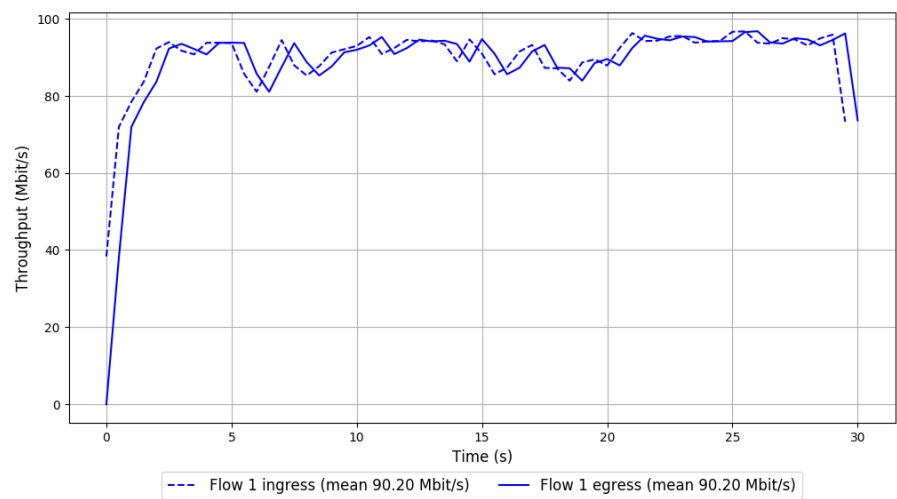
-- Flow 1:

Average throughput: 90.20 Mbit/s

95th percentile per-packet one-way delay: 2.828 ms

Loss rate: 0.00%

Run 3: Report of PCC-Allegro — Data Link

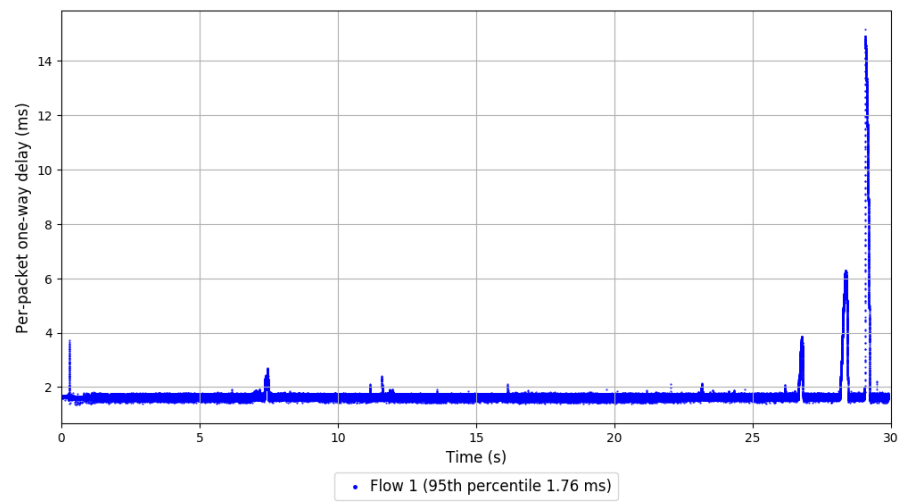
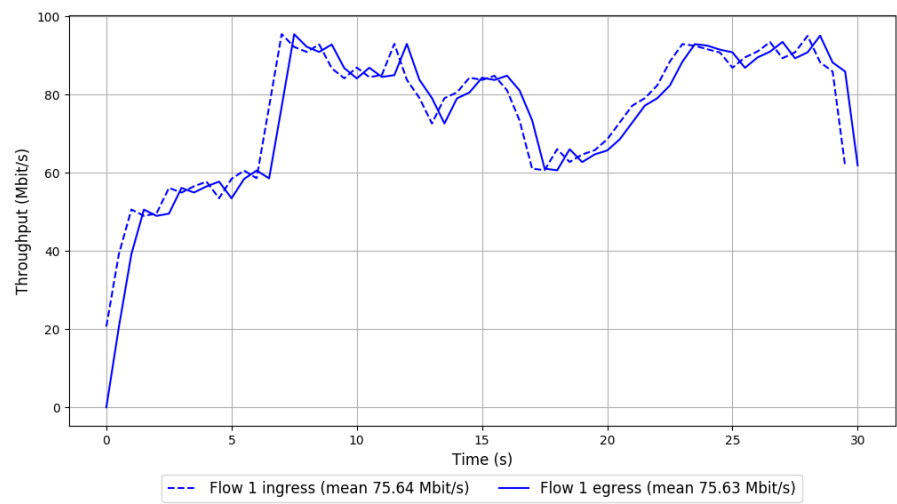


Run 4: Statistics of PCC-Allegro

Start at: 2019-01-17 07:56:59
End at: 2019-01-17 07:57:29
Local clock offset: -5.885 ms
Remote clock offset: -0.247 ms

Below is generated by plot.py at 2019-01-17 08:36:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.63 Mbit/s
95th percentile per-packet one-way delay: 1.756 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 75.63 Mbit/s
95th percentile per-packet one-way delay: 1.756 ms
Loss rate: 0.01%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2019-01-17 08:20:25

End at: 2019-01-17 08:20:55

Local clock offset: -5.084 ms

Remote clock offset: -0.259 ms

Below is generated by plot.py at 2019-01-17 08:36:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.60 Mbit/s

95th percentile per-packet one-way delay: 3.615 ms

Loss rate: 0.00%

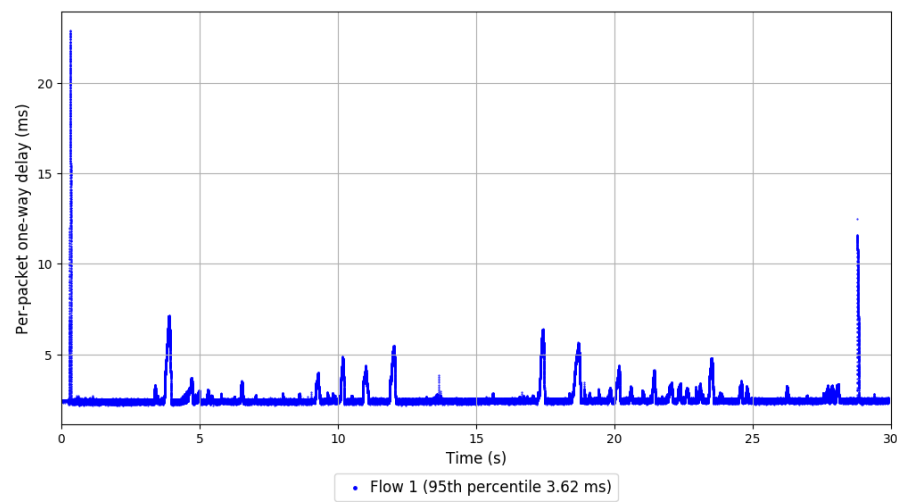
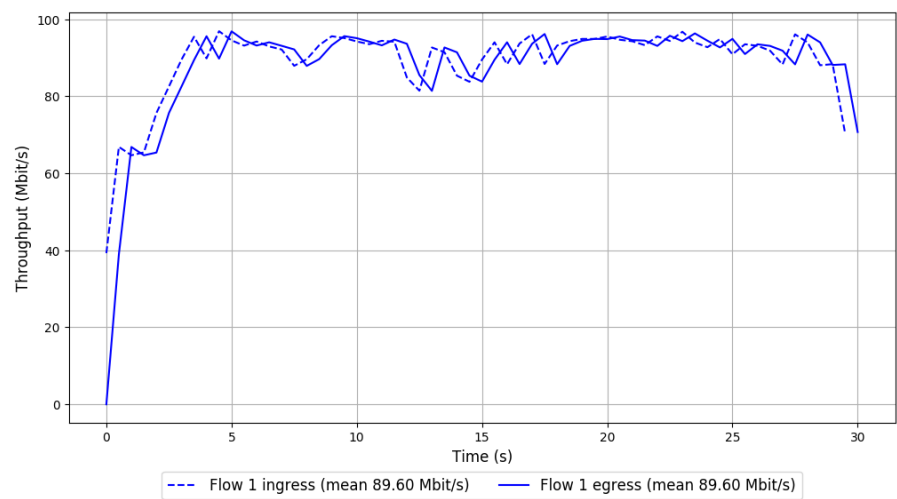
-- Flow 1:

Average throughput: 89.60 Mbit/s

95th percentile per-packet one-way delay: 3.615 ms

Loss rate: 0.00%

Run 5: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

Start at: 2019-01-17 06:53:19

End at: 2019-01-17 06:53:49

Local clock offset: -4.684 ms

Remote clock offset: 0.059 ms

Below is generated by plot.py at 2019-01-17 08:36:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.89 Mbit/s

95th percentile per-packet one-way delay: 9.294 ms

Loss rate: 27.82%

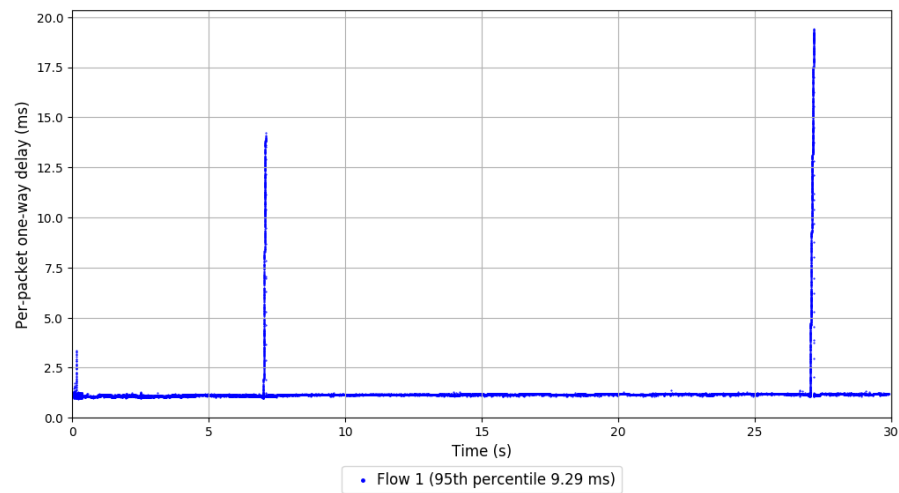
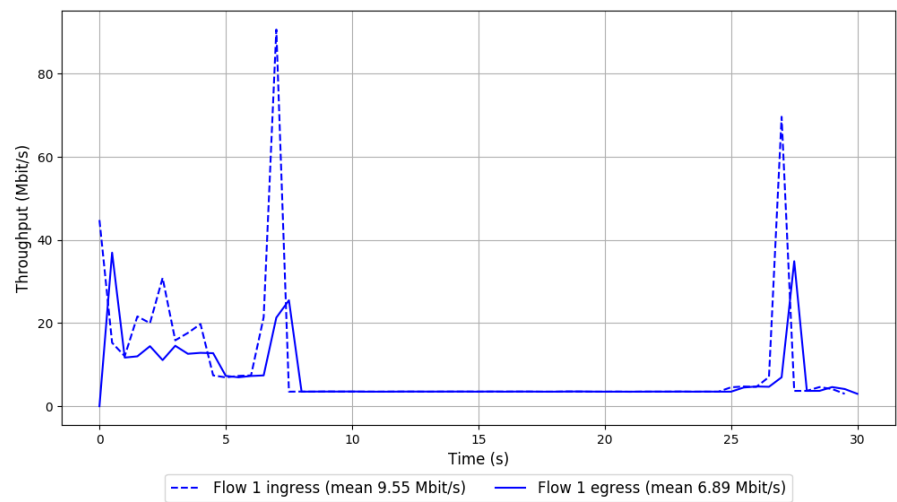
-- Flow 1:

Average throughput: 6.89 Mbit/s

95th percentile per-packet one-way delay: 9.294 ms

Loss rate: 27.82%

Run 1: Report of PCC-Expr — Data Link

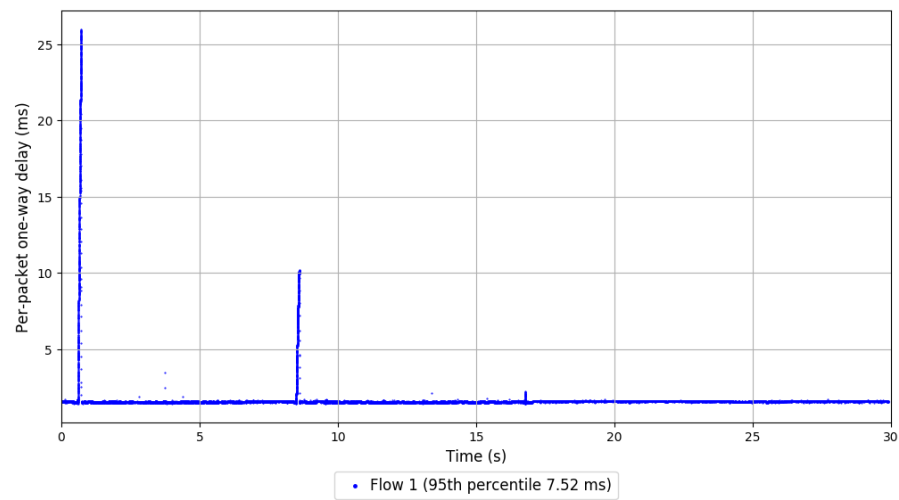
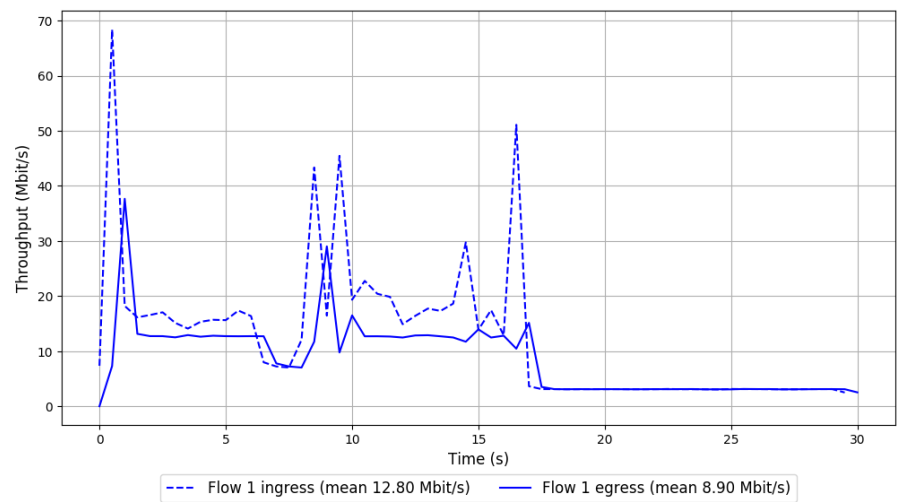


Run 2: Statistics of PCC-Expr

Start at: 2019-01-17 07:16:48
End at: 2019-01-17 07:17:18
Local clock offset: -4.346 ms
Remote clock offset: -0.211 ms

Below is generated by plot.py at 2019-01-17 08:36:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.90 Mbit/s
95th percentile per-packet one-way delay: 7.517 ms
Loss rate: 30.45%
-- Flow 1:
Average throughput: 8.90 Mbit/s
95th percentile per-packet one-way delay: 7.517 ms
Loss rate: 30.45%

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

Start at: 2019-01-17 07:40:14

End at: 2019-01-17 07:40:44

Local clock offset: -5.69 ms

Remote clock offset: -0.212 ms

Below is generated by plot.py at 2019-01-17 08:36:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.12 Mbit/s

95th percentile per-packet one-way delay: 3.207 ms

Loss rate: 14.34%

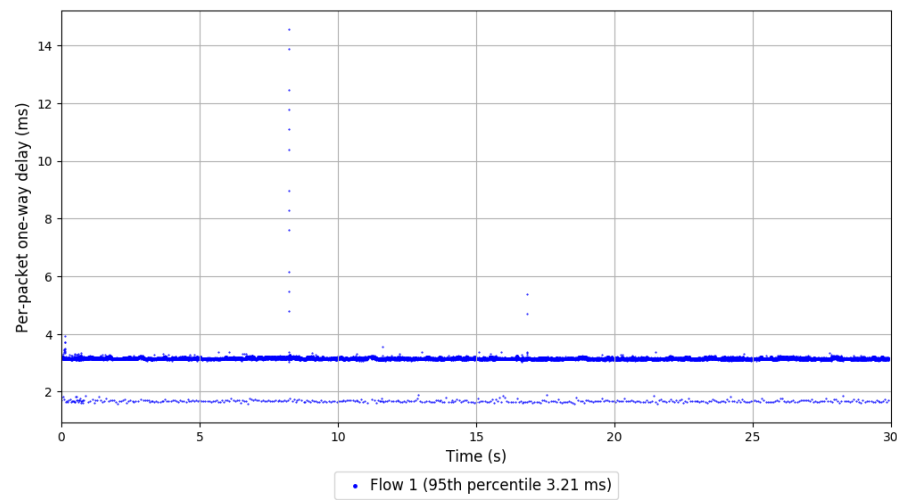
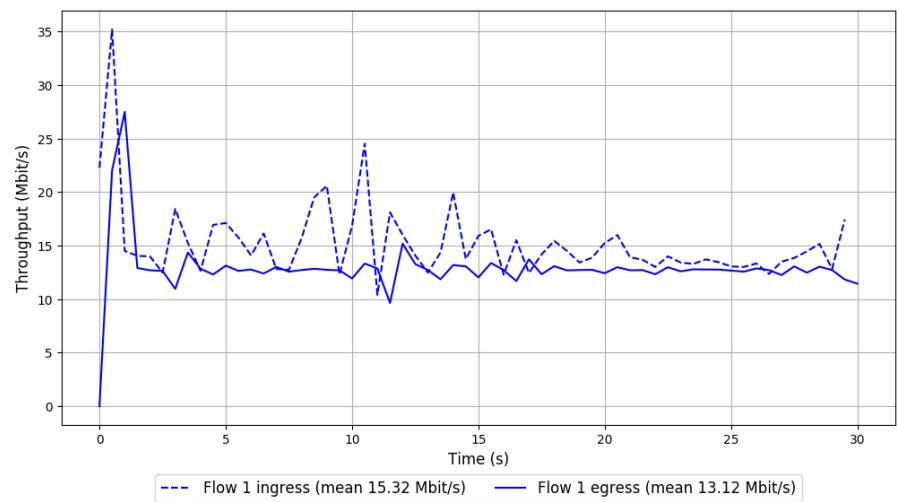
-- Flow 1:

Average throughput: 13.12 Mbit/s

95th percentile per-packet one-way delay: 3.207 ms

Loss rate: 14.34%

Run 3: Report of PCC-Expr — Data Link

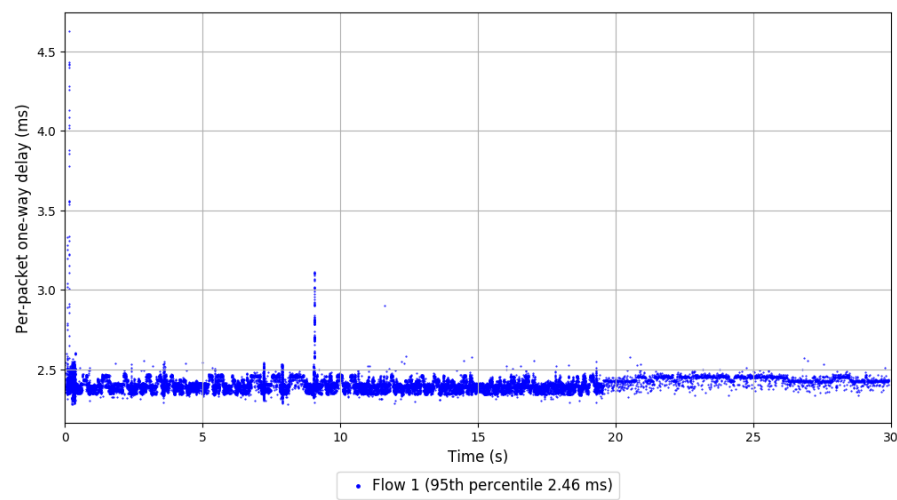
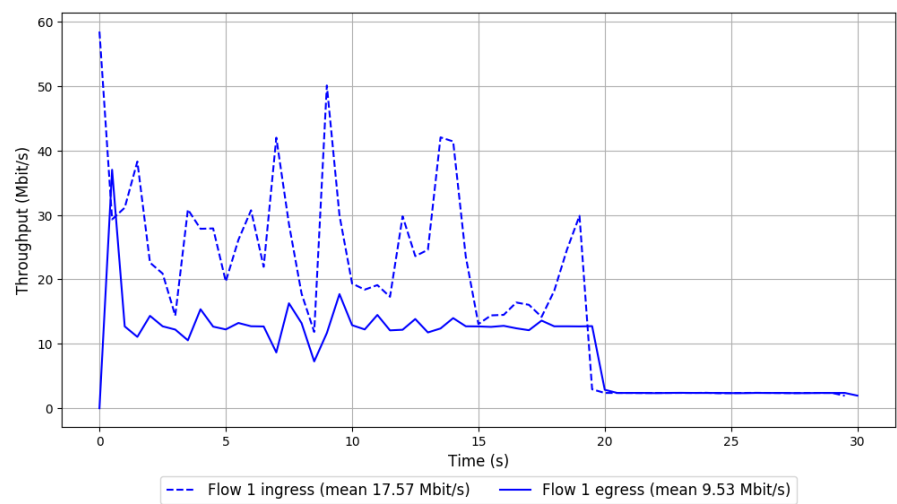


Run 4: Statistics of PCC-Expr

Start at: 2019-01-17 08:03:40
End at: 2019-01-17 08:04:10
Local clock offset: -5.195 ms
Remote clock offset: -0.167 ms

Below is generated by plot.py at 2019-01-17 08:36:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.53 Mbit/s
95th percentile per-packet one-way delay: 2.463 ms
Loss rate: 45.77%
-- Flow 1:
Average throughput: 9.53 Mbit/s
95th percentile per-packet one-way delay: 2.463 ms
Loss rate: 45.77%

Run 4: Report of PCC-Expr — Data Link

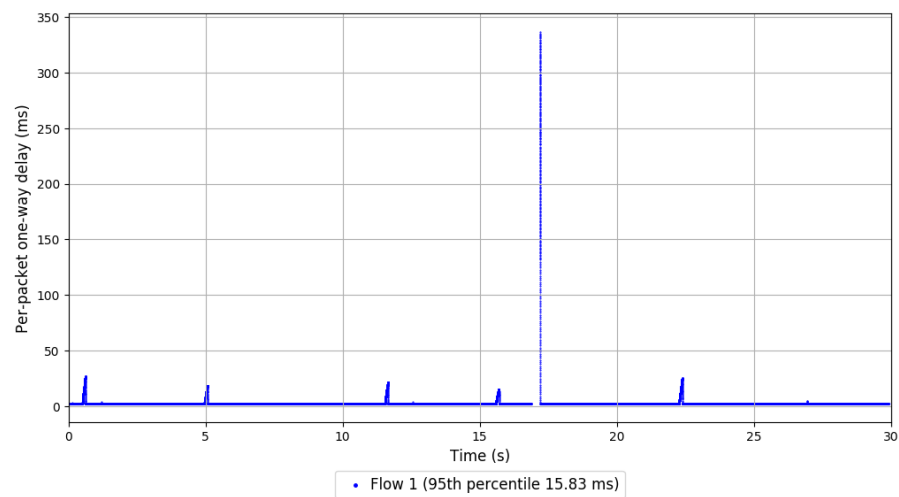
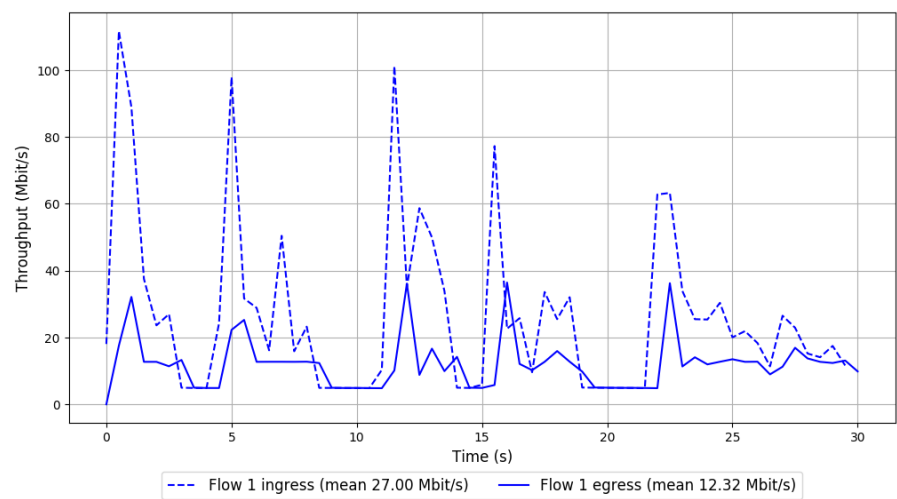


Run 5: Statistics of PCC-Expr

Start at: 2019-01-17 08:27:09
End at: 2019-01-17 08:27:39
Local clock offset: -4.548 ms
Remote clock offset: -0.219 ms

Below is generated by plot.py at 2019-01-17 08:36:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.32 Mbit/s
95th percentile per-packet one-way delay: 15.833 ms
Loss rate: 54.36%
-- Flow 1:
Average throughput: 12.32 Mbit/s
95th percentile per-packet one-way delay: 15.833 ms
Loss rate: 54.36%

Run 5: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2019-01-17 06:47:44

End at: 2019-01-17 06:48:14

Local clock offset: -6.58 ms

Remote clock offset: 0.014 ms

Below is generated by plot.py at 2019-01-17 08:37:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.76 Mbit/s

95th percentile per-packet one-way delay: 4.402 ms

Loss rate: 0.40%

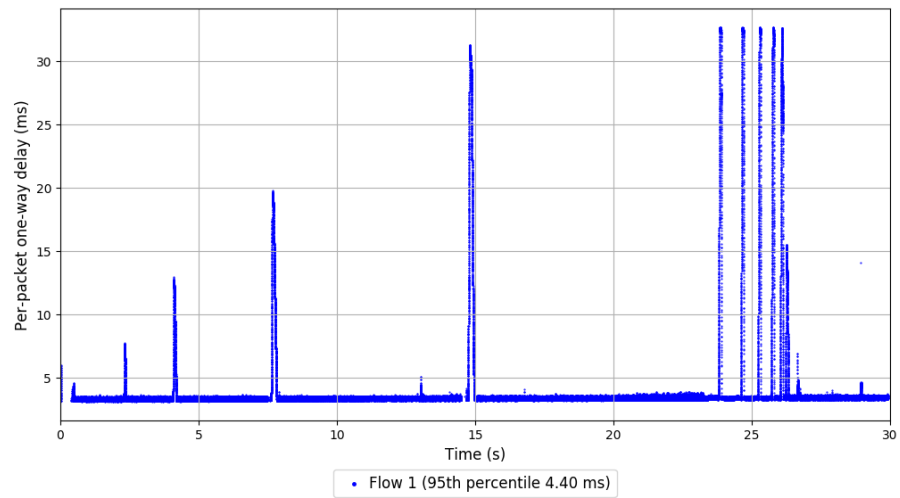
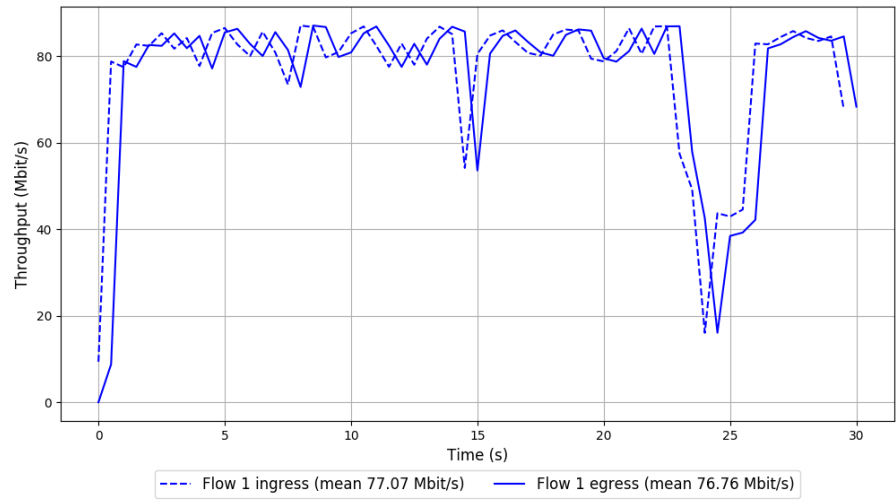
-- Flow 1:

Average throughput: 76.76 Mbit/s

95th percentile per-packet one-way delay: 4.402 ms

Loss rate: 0.40%

Run 1: Report of QUIC Cubic — Data Link

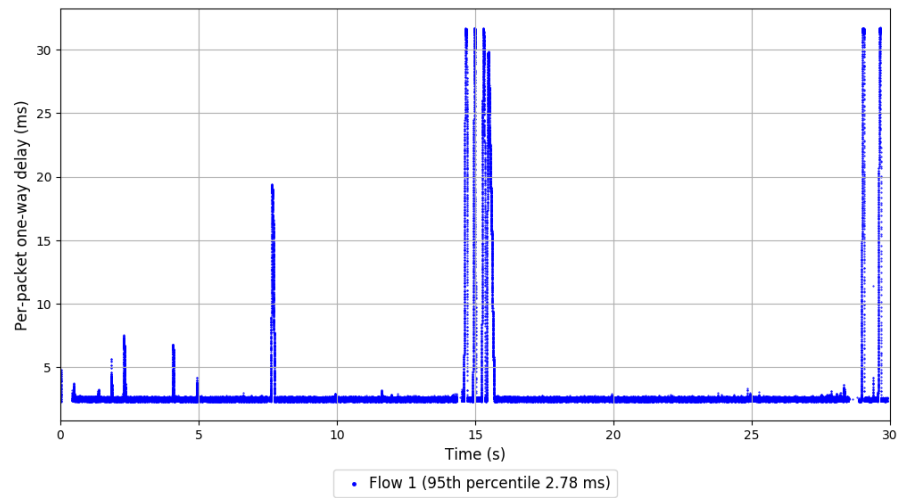
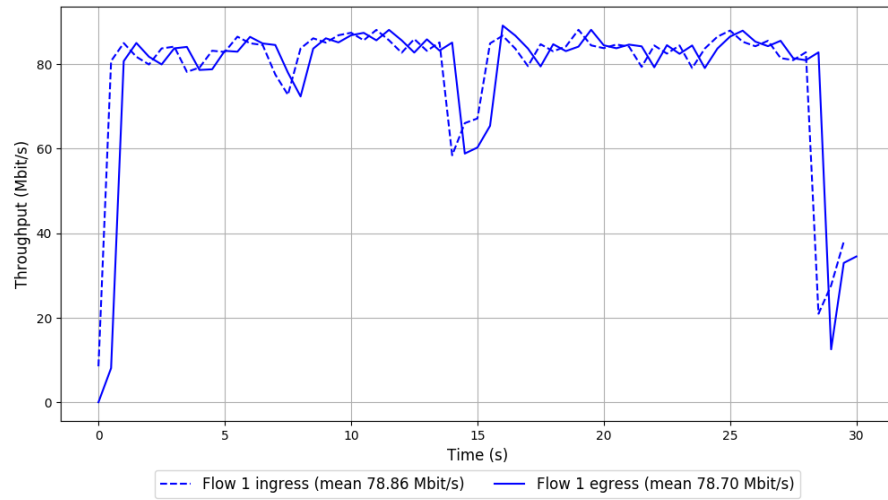


Run 2: Statistics of QUIC Cubic

Start at: 2019-01-17 07:11:11
End at: 2019-01-17 07:11:41
Local clock offset: -3.674 ms
Remote clock offset: -0.129 ms

Below is generated by plot.py at 2019-01-17 08:37:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.70 Mbit/s
95th percentile per-packet one-way delay: 2.783 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 78.70 Mbit/s
95th percentile per-packet one-way delay: 2.783 ms
Loss rate: 0.21%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2019-01-17 07:34:40

End at: 2019-01-17 07:35:10

Local clock offset: -4.744 ms

Remote clock offset: -0.16 ms

Below is generated by plot.py at 2019-01-17 08:37:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.66 Mbit/s

95th percentile per-packet one-way delay: 2.044 ms

Loss rate: 0.38%

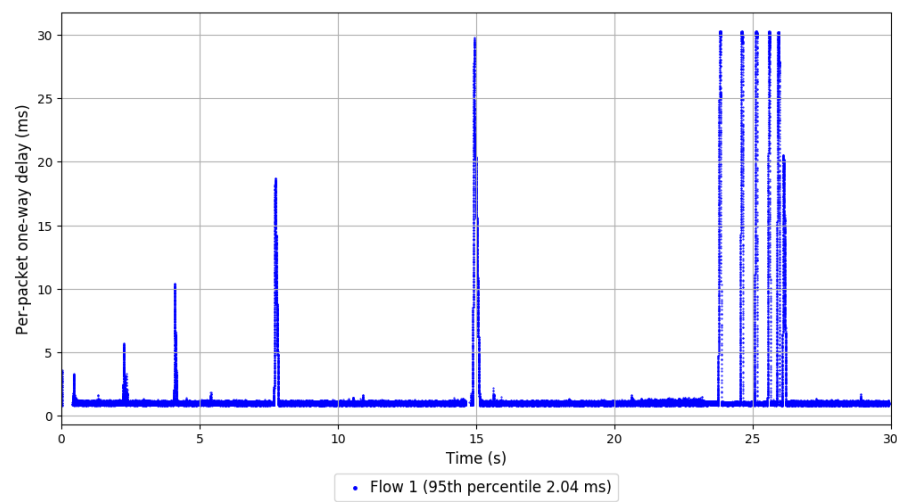
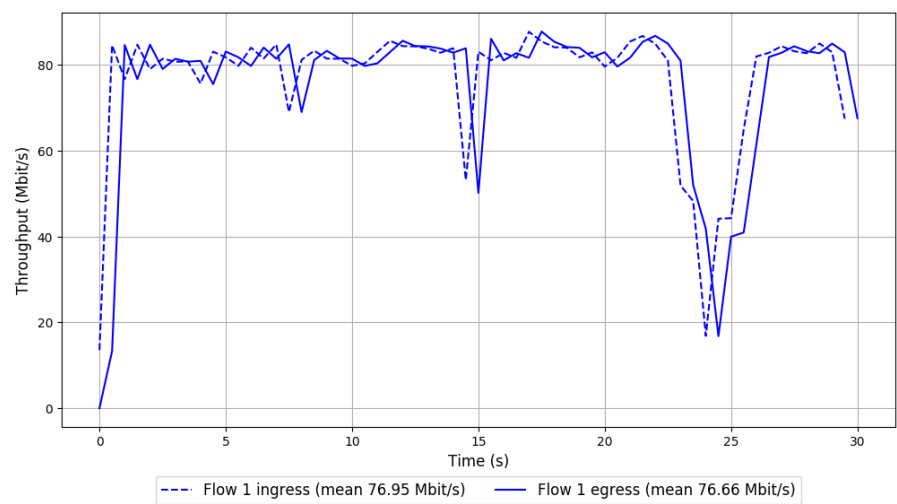
-- Flow 1:

Average throughput: 76.66 Mbit/s

95th percentile per-packet one-way delay: 2.044 ms

Loss rate: 0.38%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2019-01-17 07:58:05

End at: 2019-01-17 07:58:35

Local clock offset: -5.869 ms

Remote clock offset: -0.163 ms

Below is generated by plot.py at 2019-01-17 08:37:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.19 Mbit/s

95th percentile per-packet one-way delay: 3.770 ms

Loss rate: 0.01%

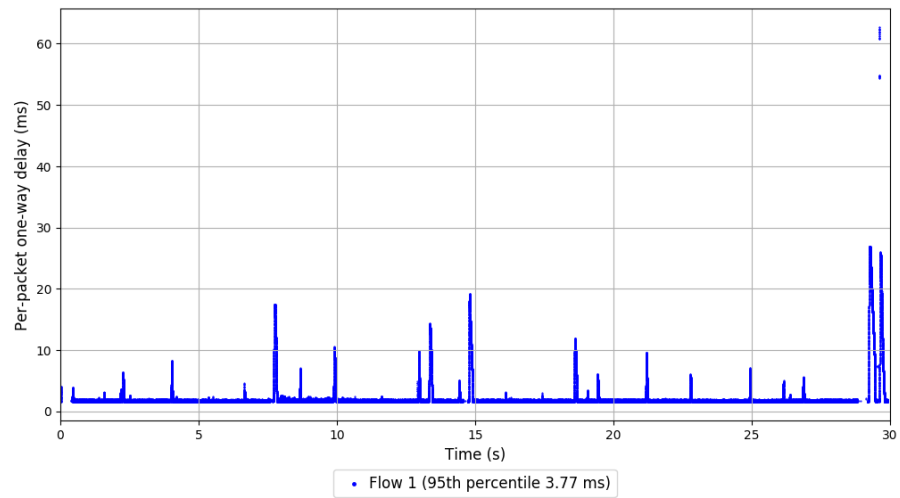
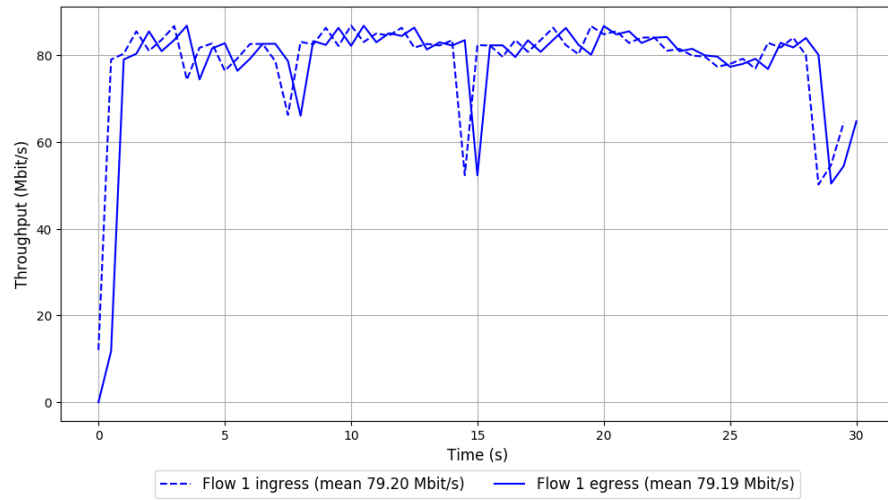
-- Flow 1:

Average throughput: 79.19 Mbit/s

95th percentile per-packet one-way delay: 3.770 ms

Loss rate: 0.01%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2019-01-17 08:21:32

End at: 2019-01-17 08:22:02

Local clock offset: -5.015 ms

Remote clock offset: -0.21 ms

Below is generated by plot.py at 2019-01-17 08:37:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.64 Mbit/s

95th percentile per-packet one-way delay: 4.764 ms

Loss rate: 0.29%

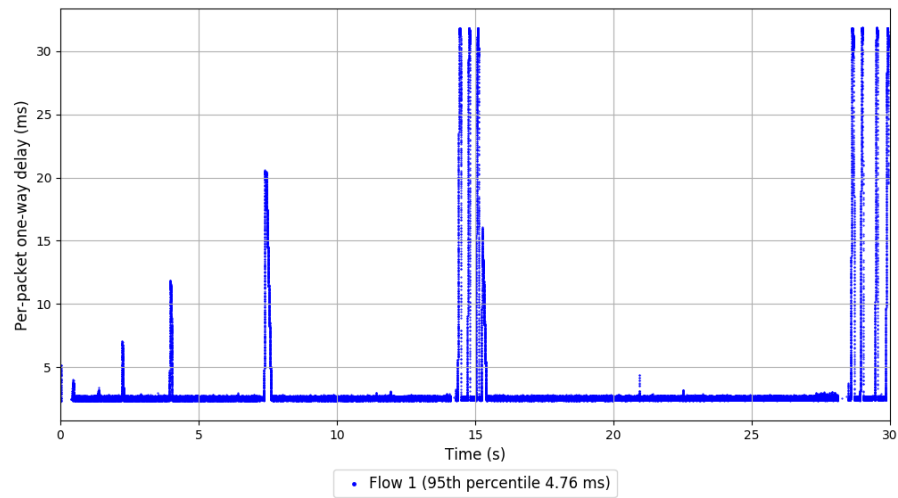
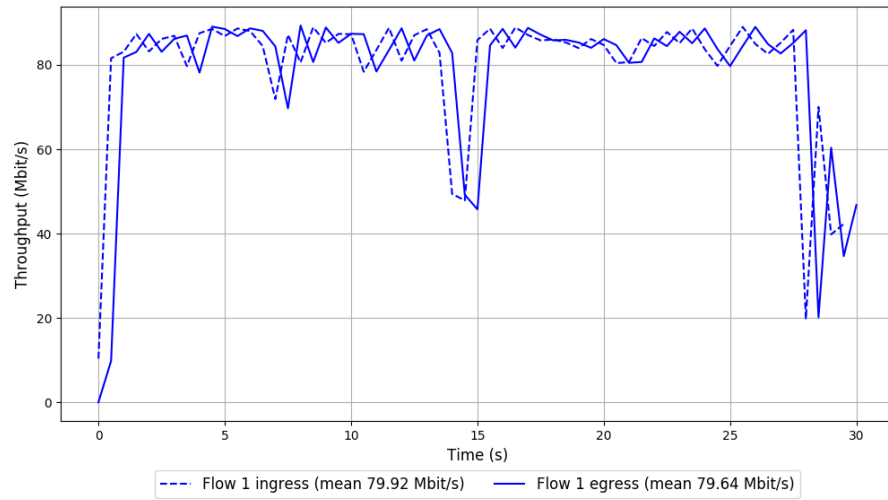
-- Flow 1:

Average throughput: 79.64 Mbit/s

95th percentile per-packet one-way delay: 4.764 ms

Loss rate: 0.29%

Run 5: Report of QUIC Cubic — Data Link

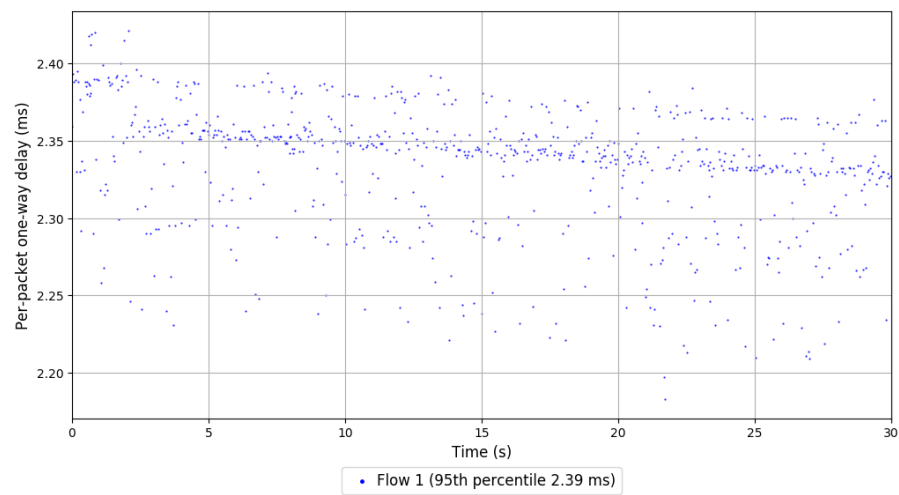
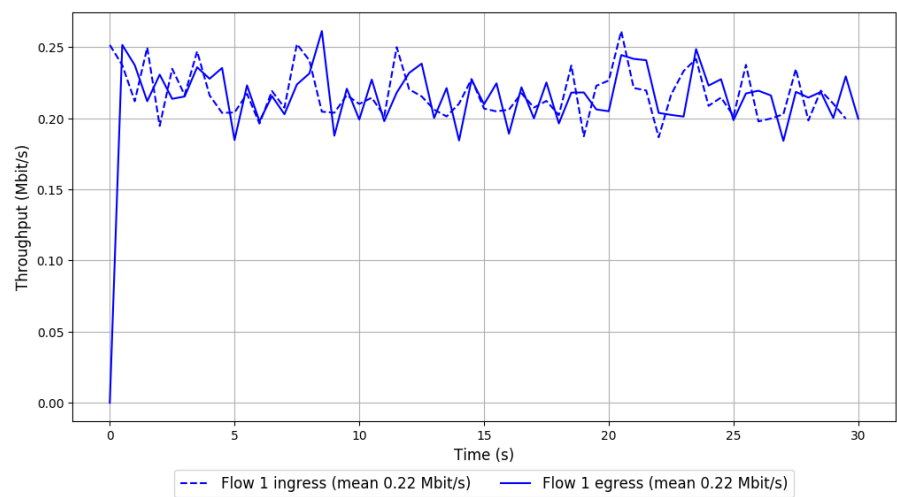


```
Run 1: Statistics of SCReAM

Start at: 2019-01-17 06:44:25
End at: 2019-01-17 06:44:55
Local clock offset: -5.623 ms
Remote clock offset: 0.046 ms

# Below is generated by plot.py at 2019-01-17 08:37:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.387 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.387 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

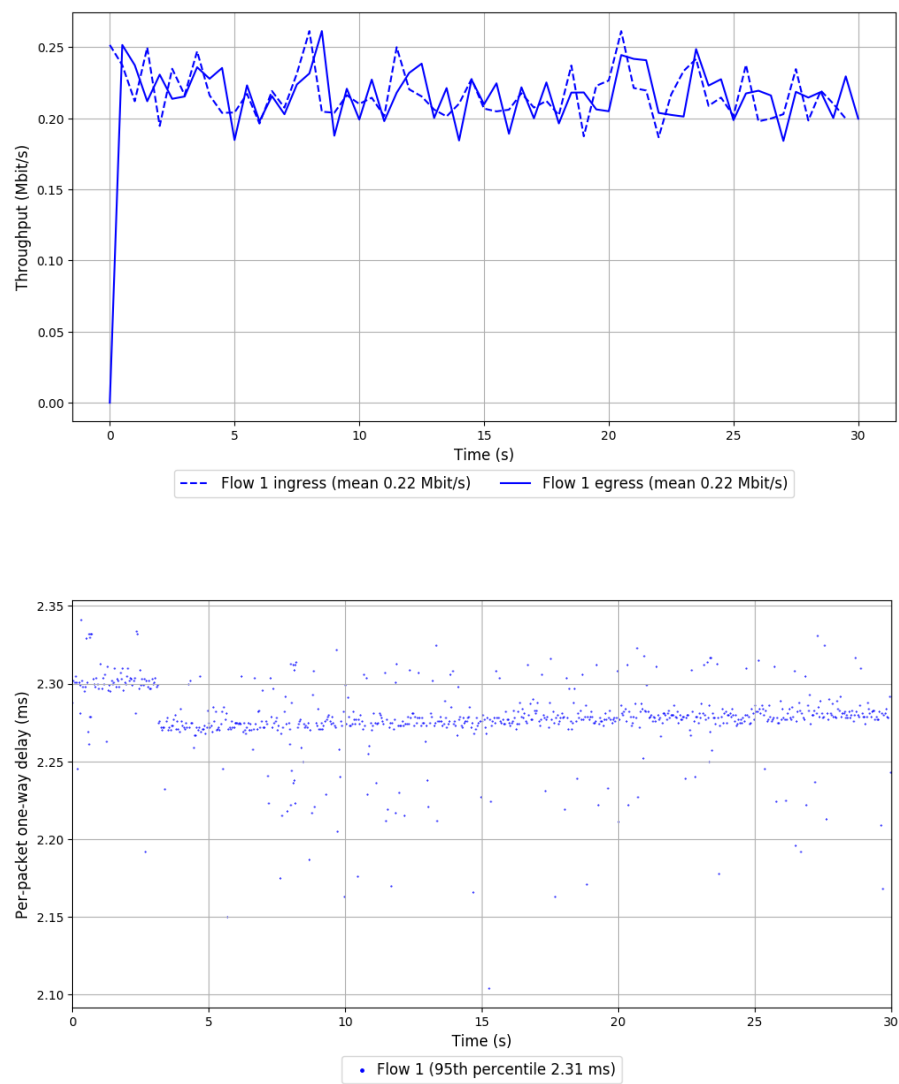


Run 2: Statistics of SCReAM

Start at: 2019-01-17 07:07:52
End at: 2019-01-17 07:08:22
Local clock offset: -3.654 ms
Remote clock offset: -0.184 ms

Below is generated by plot.py at 2019-01-17 08:37:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.310 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.310 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

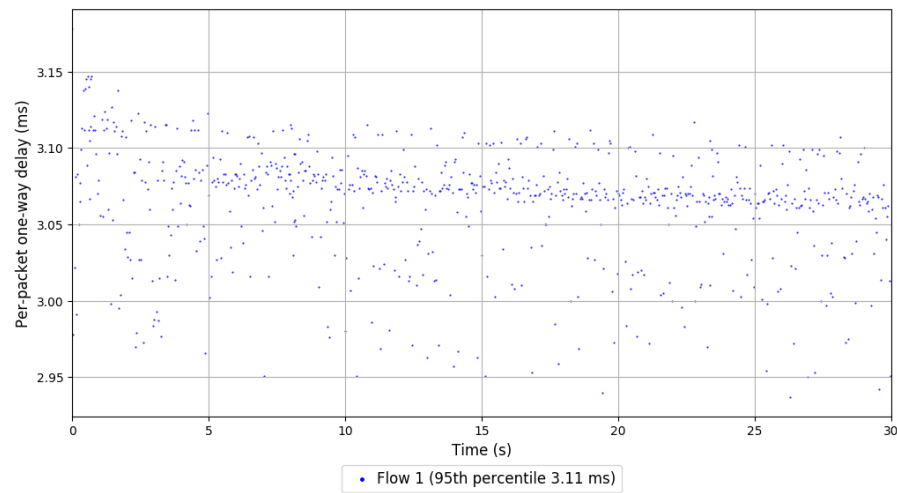
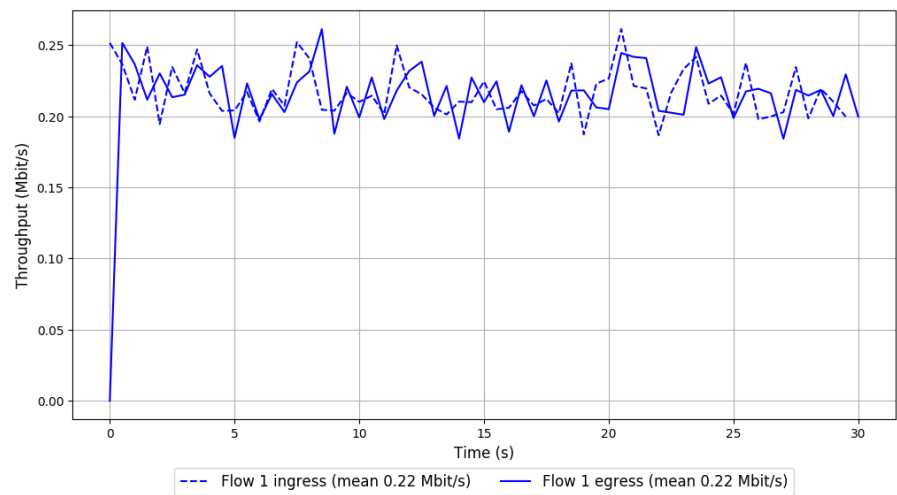


Run 3: Statistics of SCReAM

Start at: 2019-01-17 07:31:20
End at: 2019-01-17 07:31:50
Local clock offset: -5.323 ms
Remote clock offset: -0.211 ms

Below is generated by plot.py at 2019-01-17 08:37:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.112 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.112 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

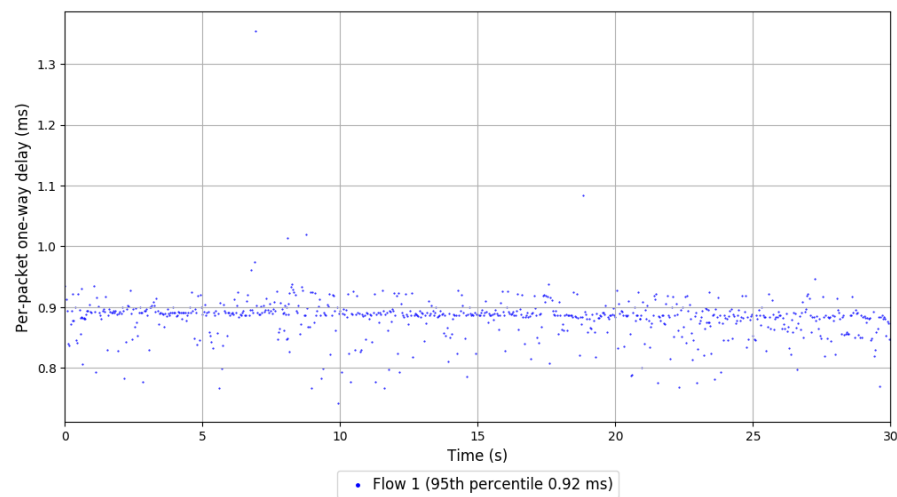
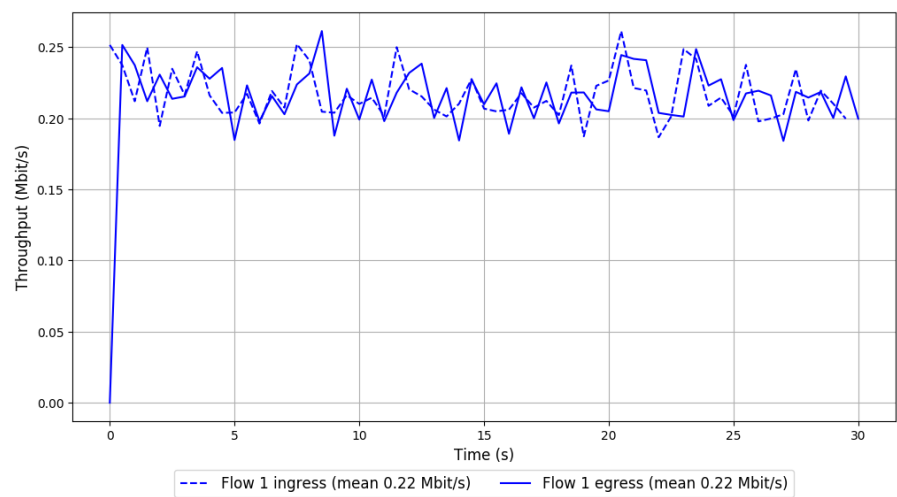


Run 4: Statistics of SCReAM

Start at: 2019-01-17 07:54:46
End at: 2019-01-17 07:55:16
Local clock offset: -5.105 ms
Remote clock offset: -0.237 ms

Below is generated by plot.py at 2019-01-17 08:37:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.922 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.922 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

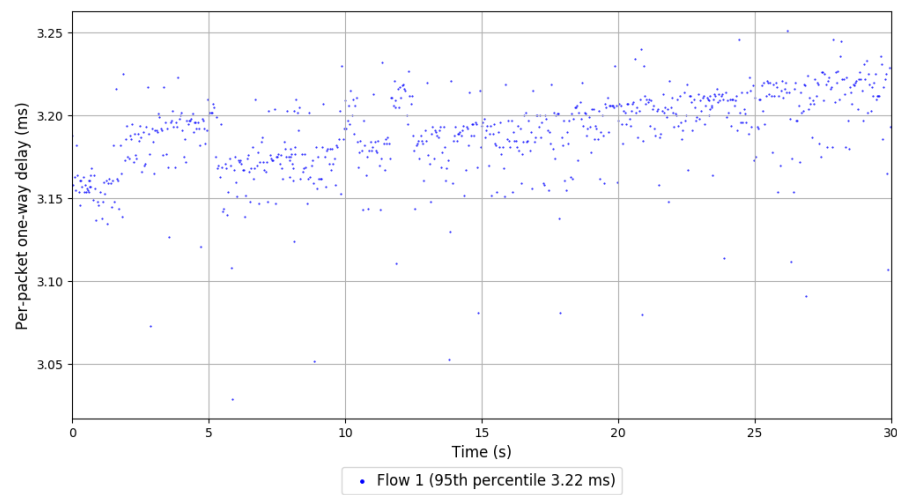
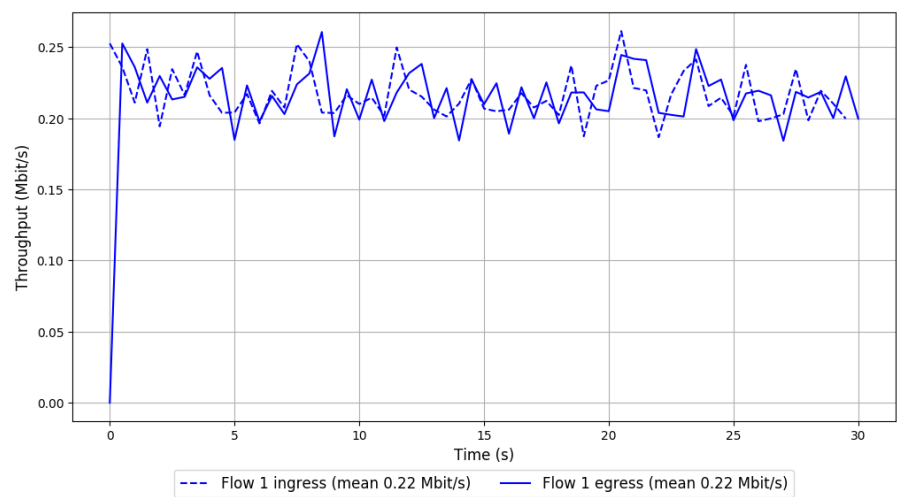


Run 5: Statistics of SCReAM

Start at: 2019-01-17 08:18:13
End at: 2019-01-17 08:18:43
Local clock offset: -6.135 ms
Remote clock offset: -0.267 ms

Below is generated by plot.py at 2019-01-17 08:37:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.222 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.222 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2019-01-17 06:30:57

End at: 2019-01-17 06:31:27

Local clock offset: -4.218 ms

Remote clock offset: 0.164 ms

Below is generated by plot.py at 2019-01-17 08:37:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.24 Mbit/s

95th percentile per-packet one-way delay: 10.146 ms

Loss rate: 0.00%

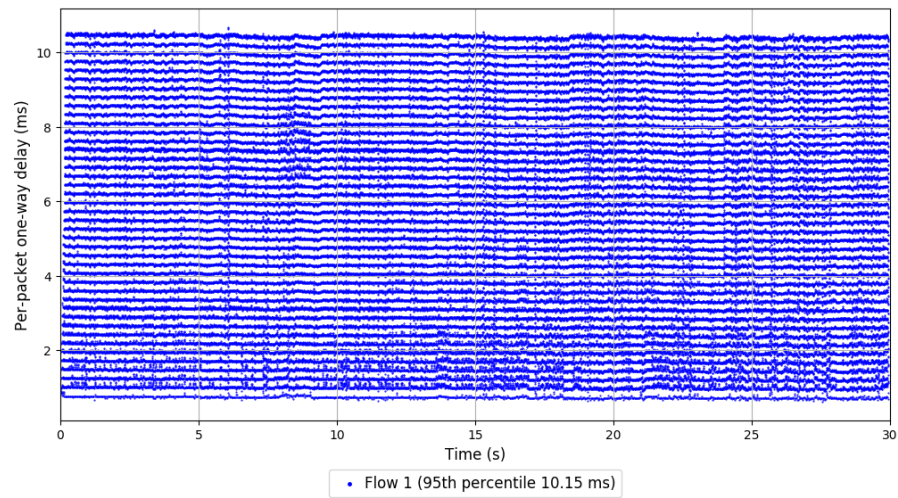
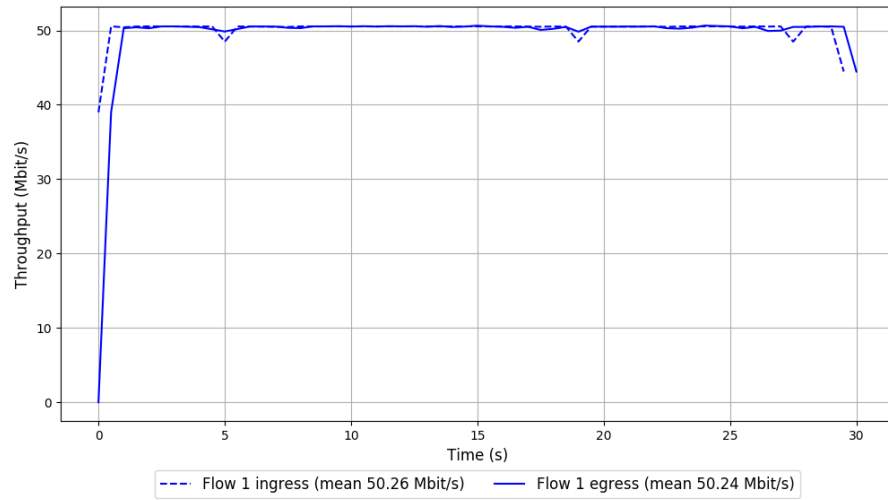
-- Flow 1:

Average throughput: 50.24 Mbit/s

95th percentile per-packet one-way delay: 10.146 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

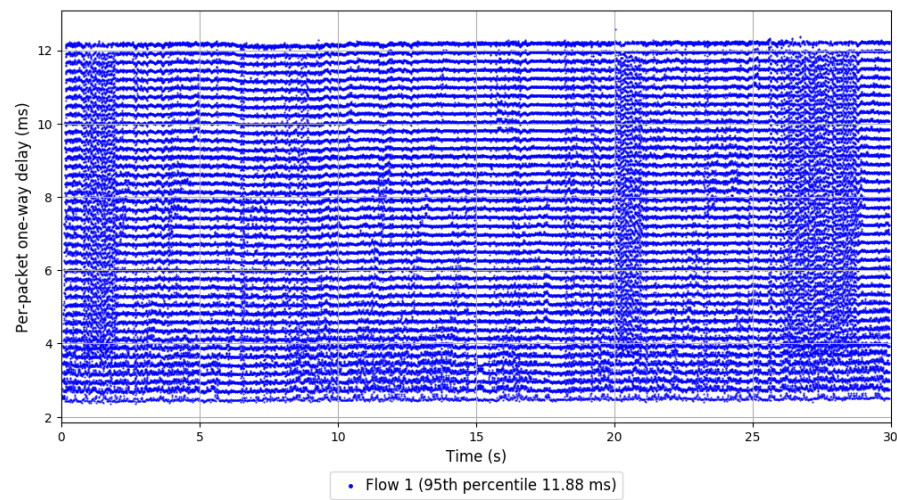
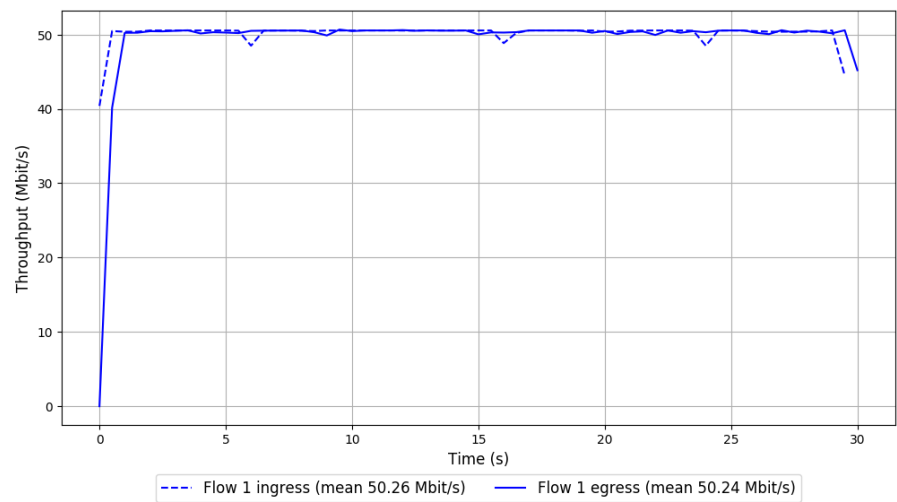


Run 2: Statistics of Sprout

Start at: 2019-01-17 06:54:24
End at: 2019-01-17 06:54:54
Local clock offset: -4.489 ms
Remote clock offset: 0.033 ms

Below is generated by plot.py at 2019-01-17 08:37:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.24 Mbit/s
95th percentile per-packet one-way delay: 11.880 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.24 Mbit/s
95th percentile per-packet one-way delay: 11.880 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

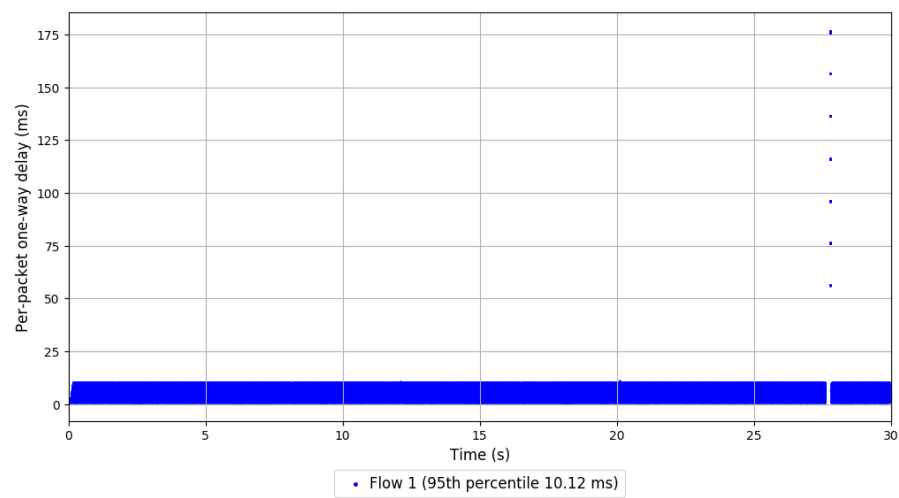
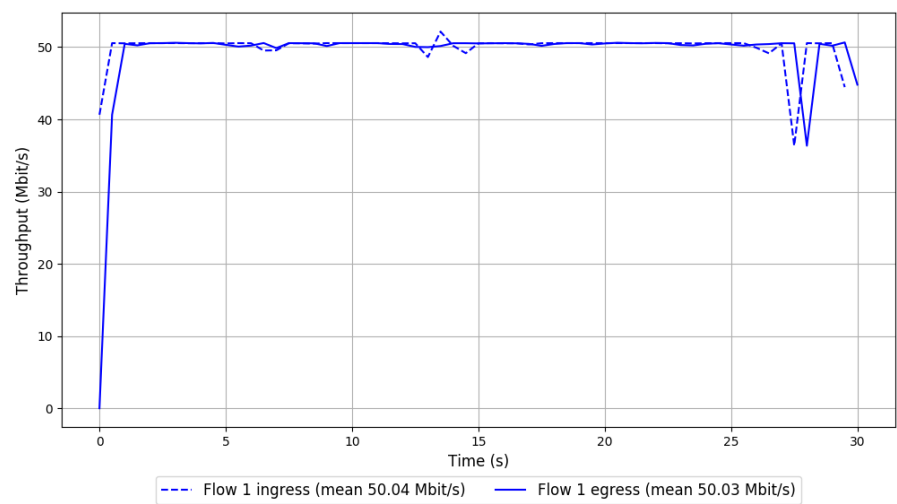


Run 3: Statistics of Sprout

Start at: 2019-01-17 07:17:52
End at: 2019-01-17 07:18:22
Local clock offset: -3.61 ms
Remote clock offset: -0.095 ms

Below is generated by plot.py at 2019-01-17 08:37:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.03 Mbit/s
95th percentile per-packet one-way delay: 10.116 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.03 Mbit/s
95th percentile per-packet one-way delay: 10.116 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

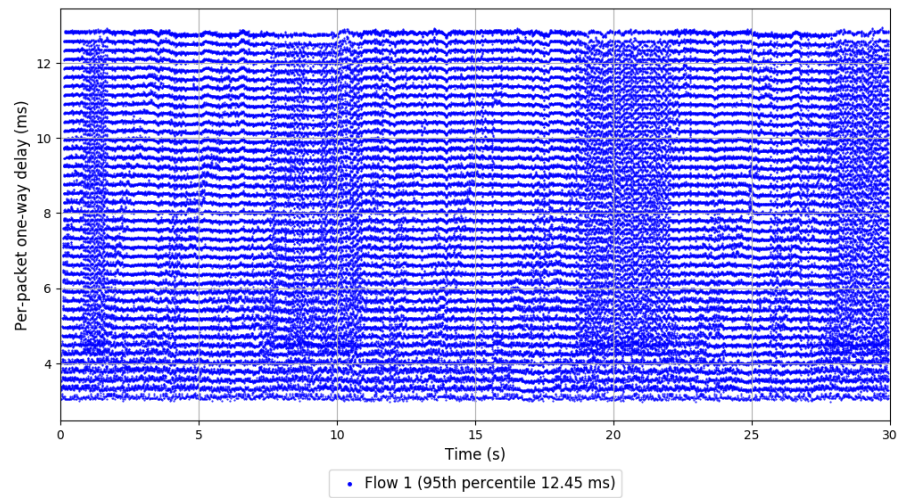
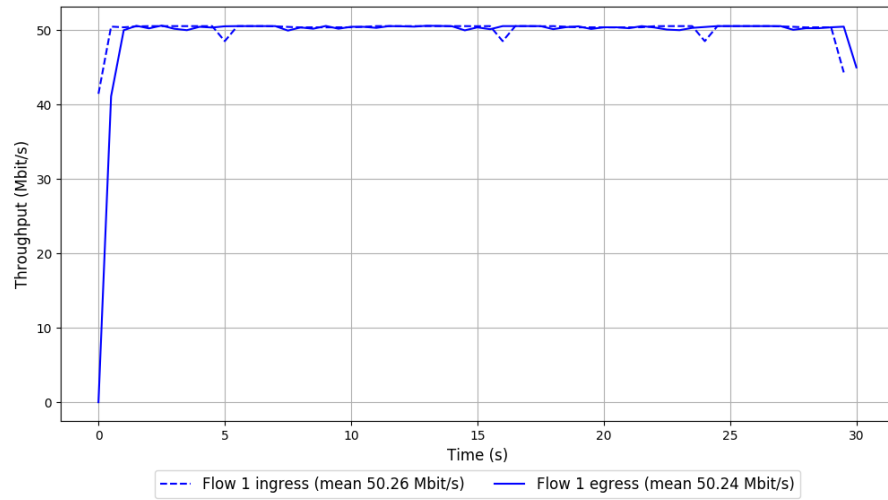


Run 4: Statistics of Sprout

Start at: 2019-01-17 07:41:19
End at: 2019-01-17 07:41:49
Local clock offset: -5.665 ms
Remote clock offset: -0.235 ms

Below is generated by plot.py at 2019-01-17 08:37:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.24 Mbit/s
95th percentile per-packet one-way delay: 12.452 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.24 Mbit/s
95th percentile per-packet one-way delay: 12.452 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

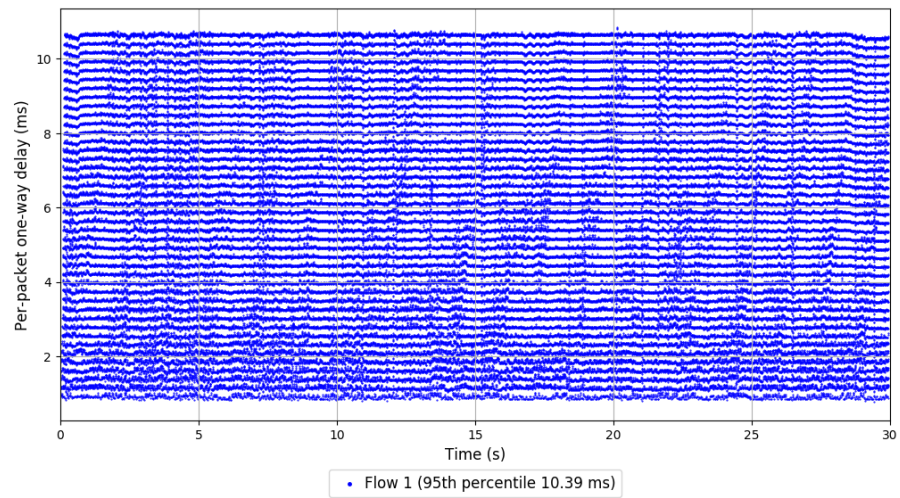
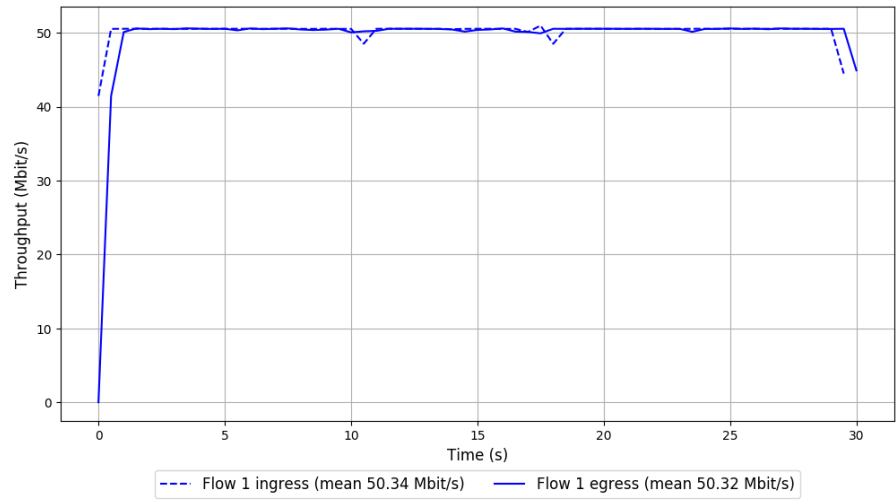


Run 5: Statistics of Sprout

Start at: 2019-01-17 08:04:45
End at: 2019-01-17 08:05:15
Local clock offset: -5.223 ms
Remote clock offset: -0.201 ms

Below is generated by plot.py at 2019-01-17 08:37:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.32 Mbit/s
95th percentile per-packet one-way delay: 10.386 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.32 Mbit/s
95th percentile per-packet one-way delay: 10.386 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

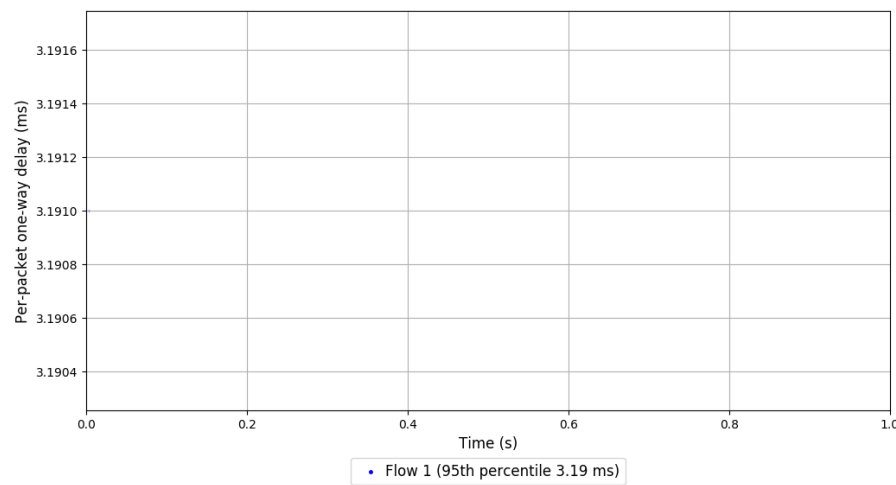
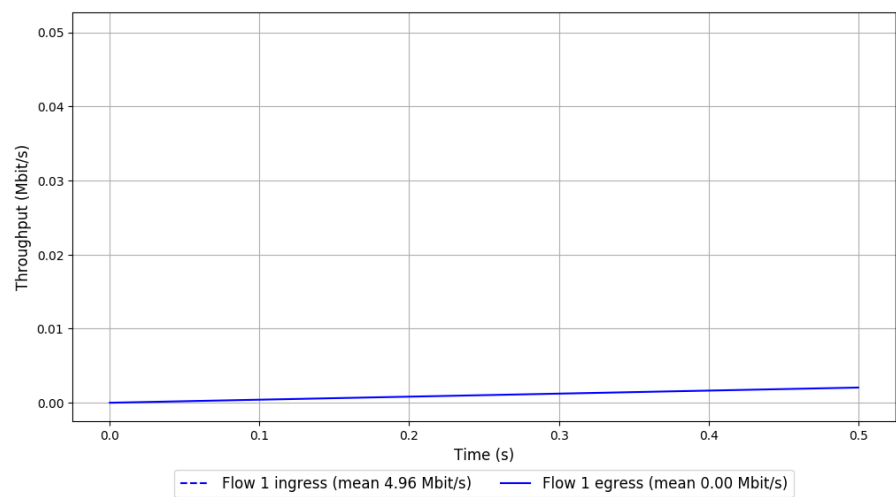
Start at: 2019-01-17 06:35:23

End at: 2019-01-17 06:35:53

Local clock offset: -5.589 ms

Remote clock offset: 0.113 ms

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

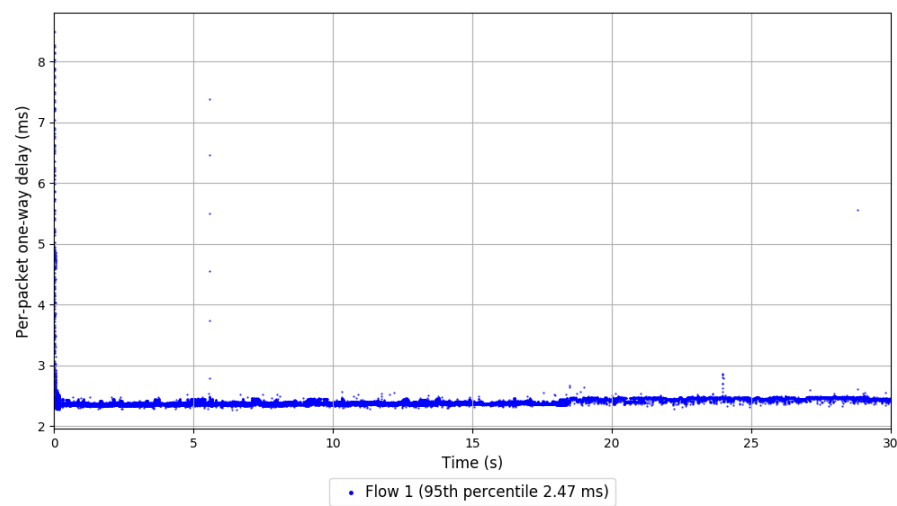
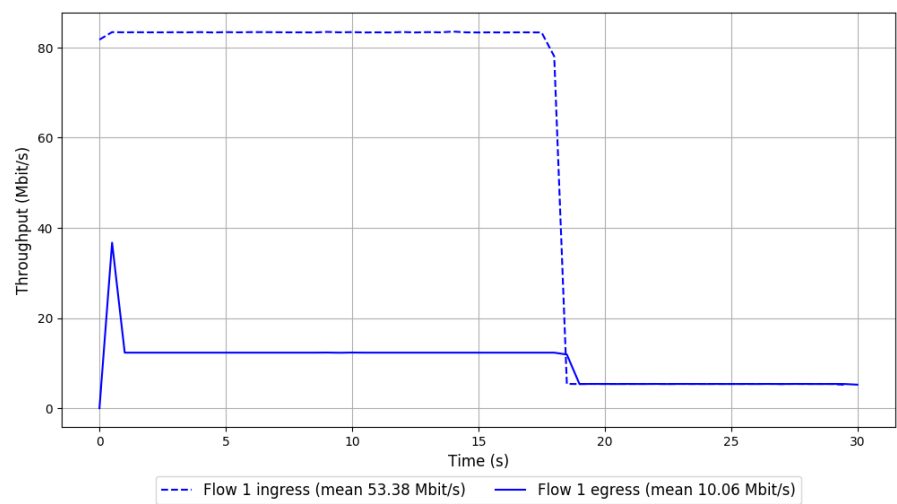


Run 2: Statistics of TaoVA-100x

Start at: 2019-01-17 06:58:50
End at: 2019-01-17 06:59:20
Local clock offset: -3.998 ms
Remote clock offset: -0.031 ms

Below is generated by plot.py at 2019-01-17 08:37:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.06 Mbit/s
95th percentile per-packet one-way delay: 2.466 ms
Loss rate: 81.15%
-- Flow 1:
Average throughput: 10.06 Mbit/s
95th percentile per-packet one-way delay: 2.466 ms
Loss rate: 81.15%

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

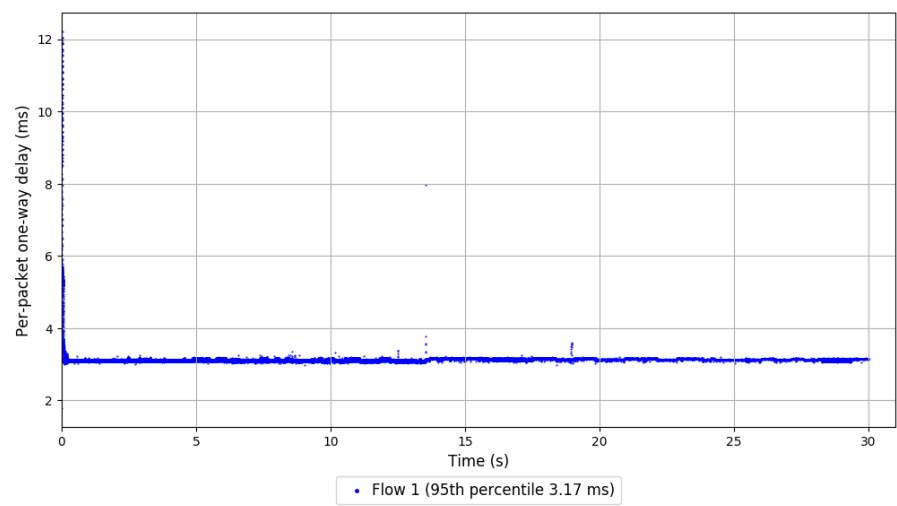
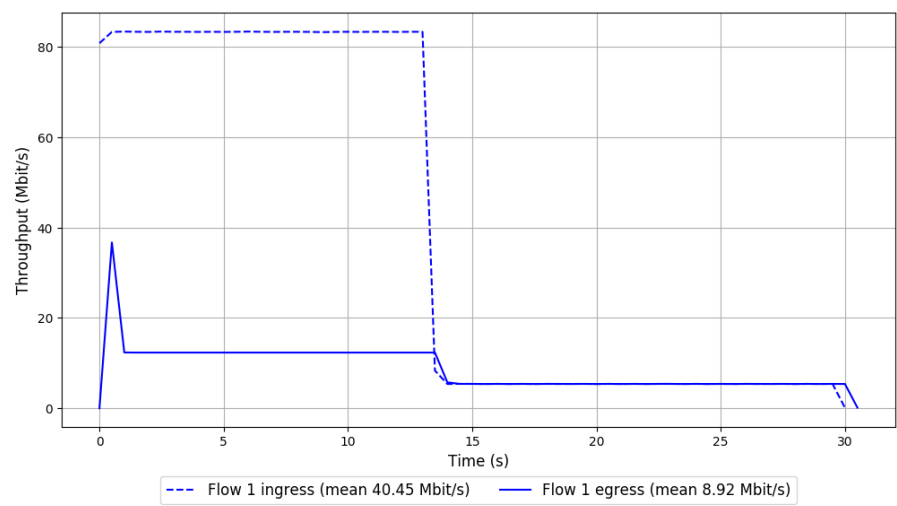


Run 3: Statistics of TaoVA-100x

Start at: 2019-01-17 07:22:18
End at: 2019-01-17 07:22:48
Local clock offset: -4.785 ms
Remote clock offset: -0.118 ms

Below is generated by plot.py at 2019-01-17 08:37:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.92 Mbit/s
95th percentile per-packet one-way delay: 3.175 ms
Loss rate: 77.96%
-- Flow 1:
Average throughput: 8.92 Mbit/s
95th percentile per-packet one-way delay: 3.175 ms
Loss rate: 77.96%

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

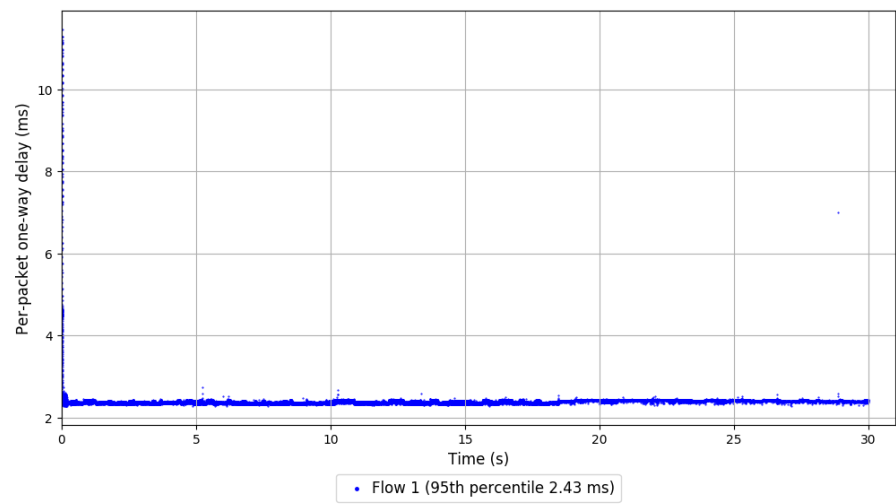
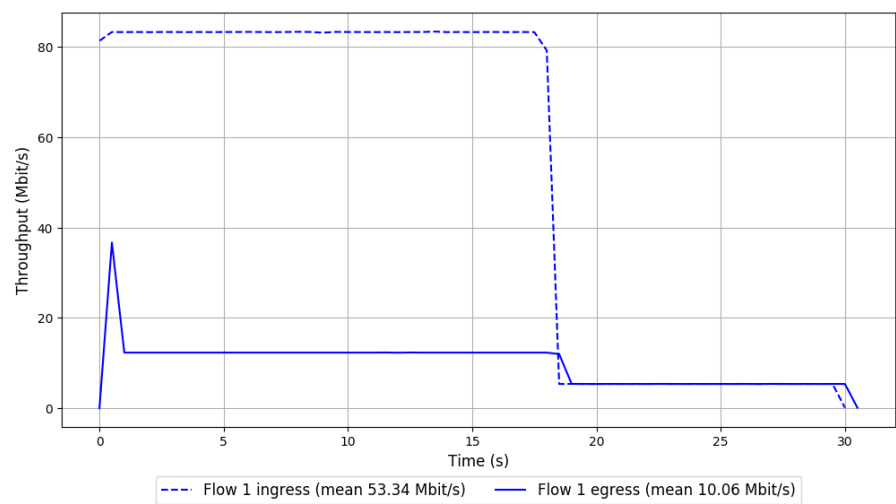


Run 4: Statistics of TaoVA-100x

Start at: 2019-01-17 07:45:45
End at: 2019-01-17 07:46:15
Local clock offset: -5.012 ms
Remote clock offset: -0.212 ms

Below is generated by plot.py at 2019-01-17 08:37:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.06 Mbit/s
95th percentile per-packet one-way delay: 2.434 ms
Loss rate: 81.14%
-- Flow 1:
Average throughput: 10.06 Mbit/s
95th percentile per-packet one-way delay: 2.434 ms
Loss rate: 81.14%

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

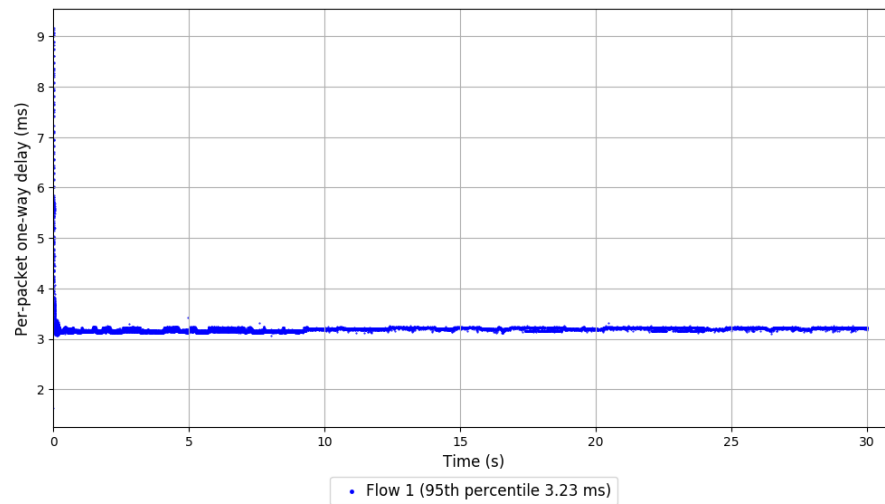
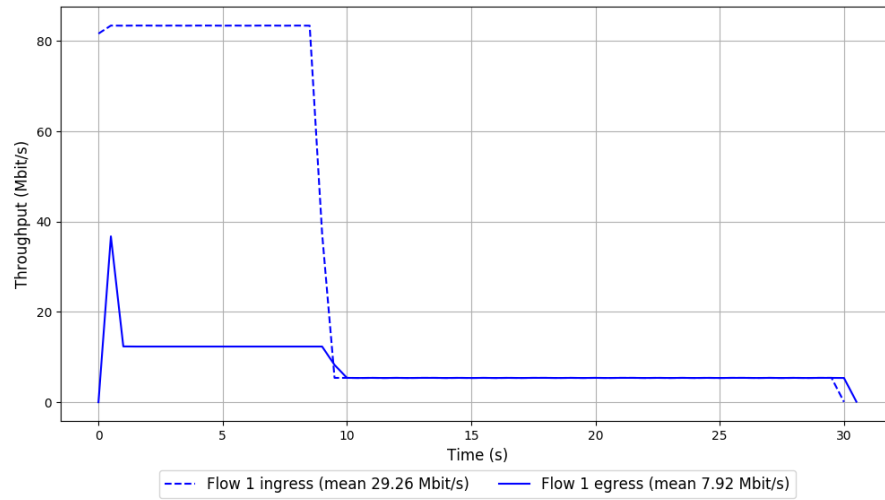


Run 5: Statistics of TaoVA-100x

Start at: 2019-01-17 08:09:10
End at: 2019-01-17 08:09:40
Local clock offset: -6.107 ms
Remote clock offset: -0.232 ms

Below is generated by plot.py at 2019-01-17 08:37:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.92 Mbit/s
95th percentile per-packet one-way delay: 3.233 ms
Loss rate: 72.94%
-- Flow 1:
Average throughput: 7.92 Mbit/s
95th percentile per-packet one-way delay: 3.233 ms
Loss rate: 72.94%

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



Run 1: Statistics of TCP Vegas

Start at: 2019-01-17 06:45:29

End at: 2019-01-17 06:45:59

Local clock offset: -5.769 ms

Remote clock offset: 0.064 ms

Below is generated by plot.py at 2019-01-17 08:38:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.46 Mbit/s

95th percentile per-packet one-way delay: 4.476 ms

Loss rate: 0.00%

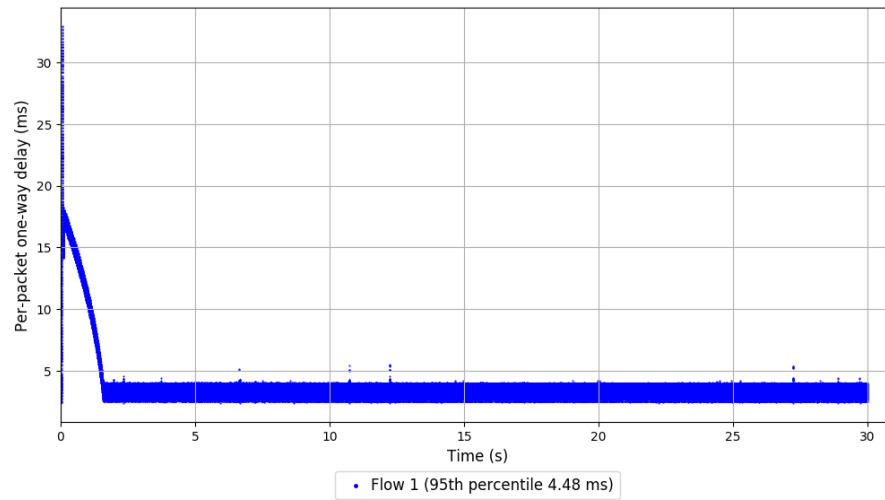
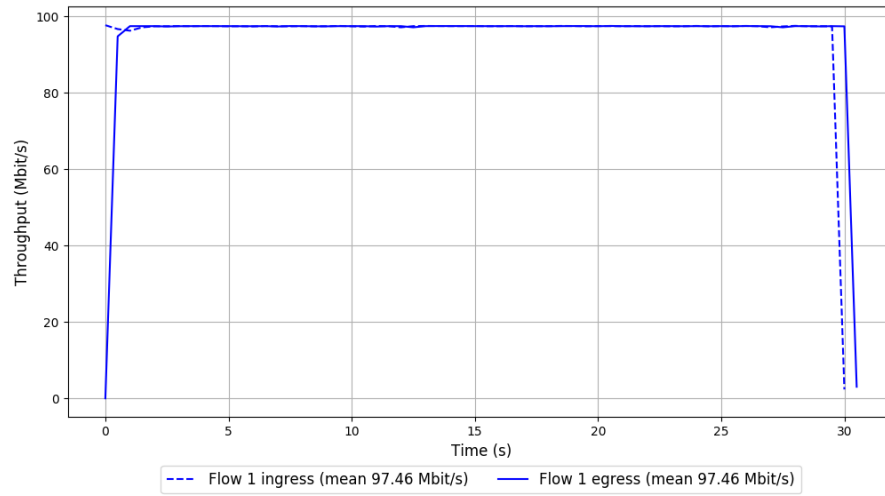
-- Flow 1:

Average throughput: 97.46 Mbit/s

95th percentile per-packet one-way delay: 4.476 ms

Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

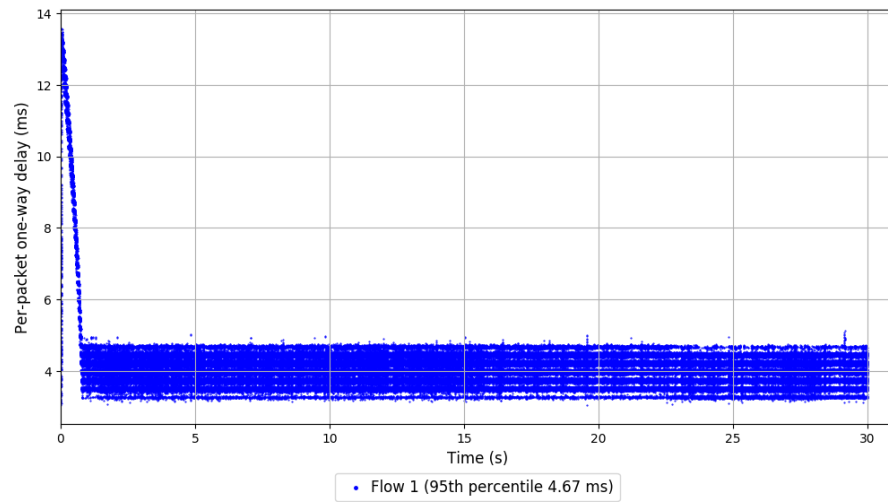
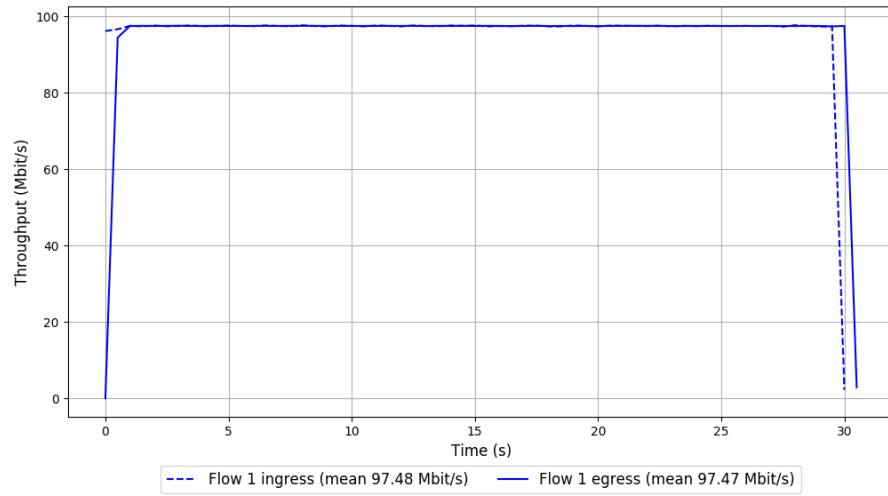


Run 2: Statistics of TCP Vegas

Start at: 2019-01-17 07:08:56
End at: 2019-01-17 07:09:26
Local clock offset: -4.388 ms
Remote clock offset: -0.046 ms

Below is generated by plot.py at 2019-01-17 08:38:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 4.665 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 4.665 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

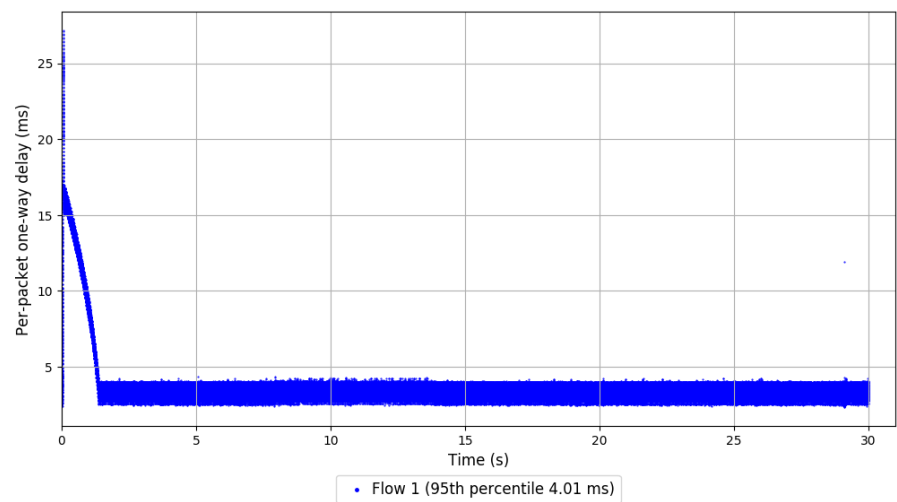
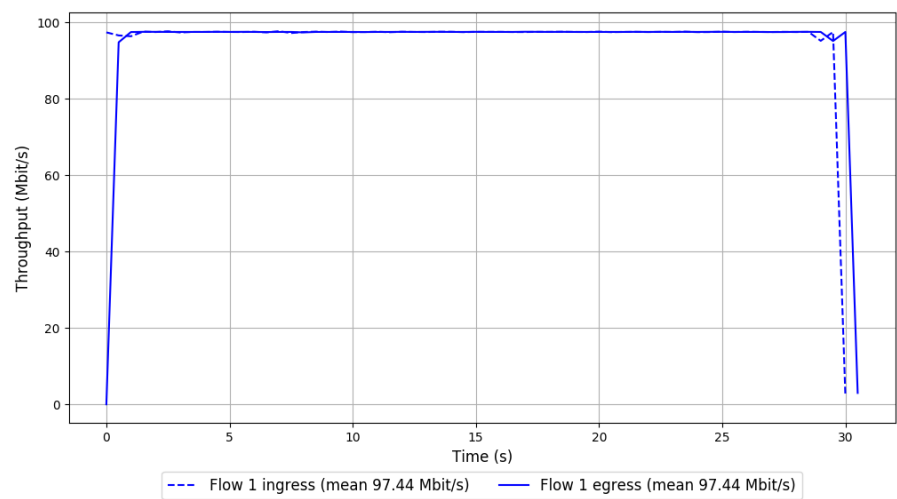


Run 3: Statistics of TCP Vegas

Start at: 2019-01-17 07:32:25
End at: 2019-01-17 07:32:55
Local clock offset: -4.676 ms
Remote clock offset: -0.158 ms

Below is generated by plot.py at 2019-01-17 08:38:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.44 Mbit/s
95th percentile per-packet one-way delay: 4.008 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.44 Mbit/s
95th percentile per-packet one-way delay: 4.008 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

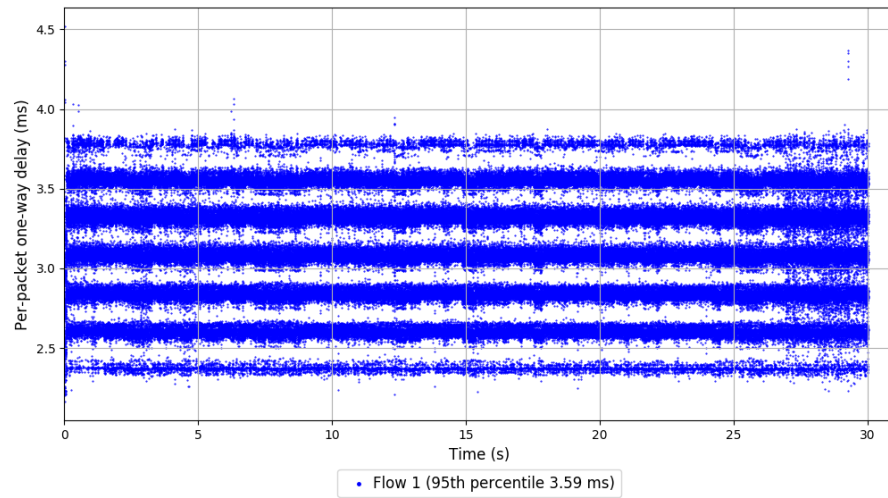
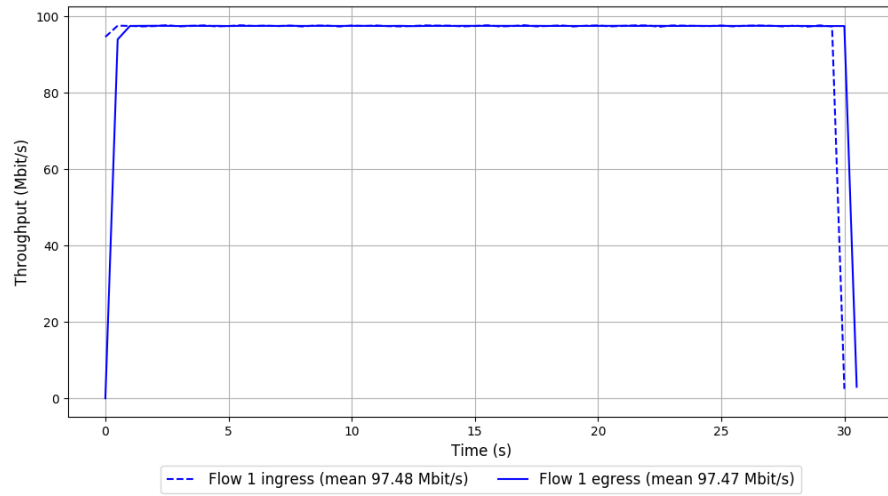


Run 4: Statistics of TCP Vegas

Start at: 2019-01-17 07:55:50
End at: 2019-01-17 07:56:20
Local clock offset: -5.087 ms
Remote clock offset: -0.297 ms

Below is generated by plot.py at 2019-01-17 08:38:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 3.590 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 3.590 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

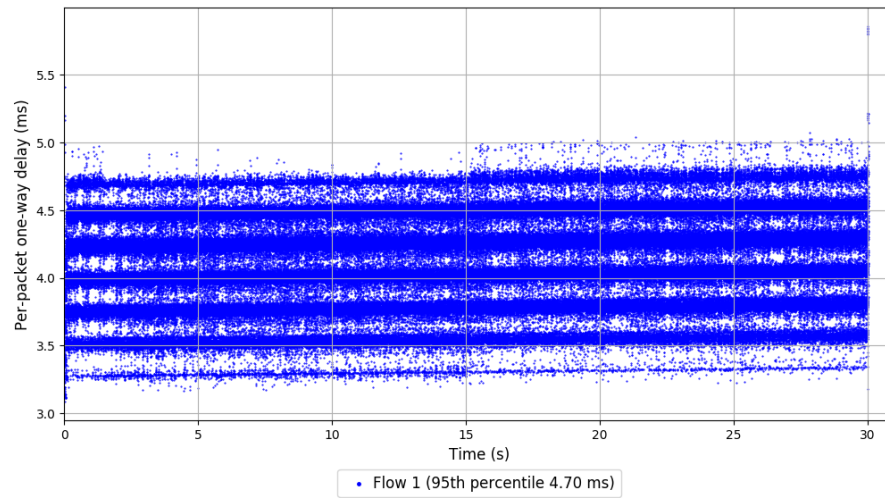
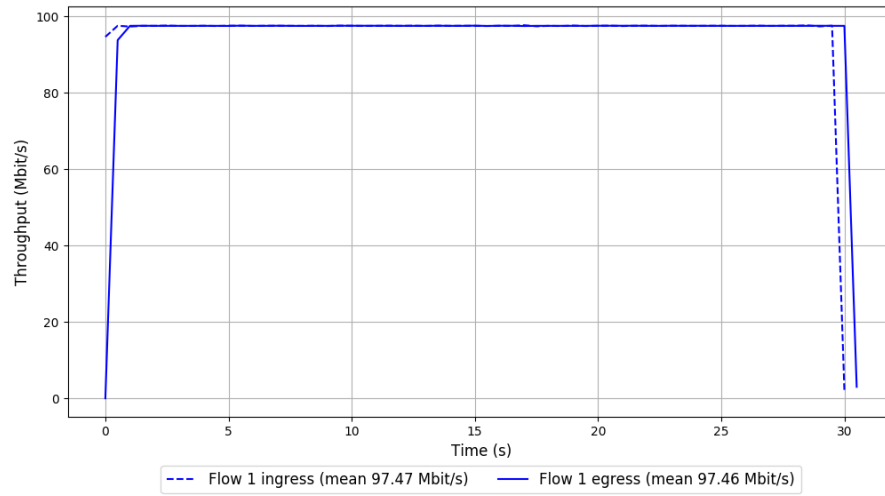


Run 5: Statistics of TCP Vegas

Start at: 2019-01-17 08:19:17
End at: 2019-01-17 08:19:47
Local clock offset: -5.995 ms
Remote clock offset: -0.248 ms

Below is generated by plot.py at 2019-01-17 08:38:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 4.697 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 4.697 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

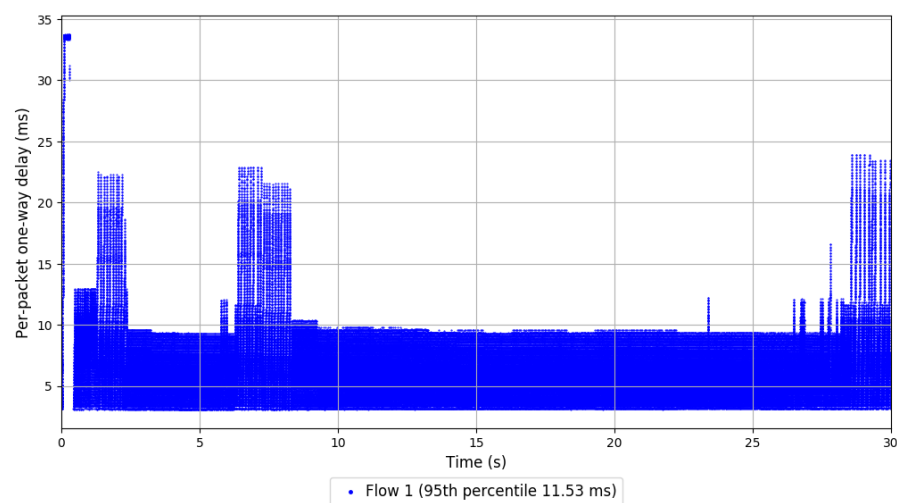
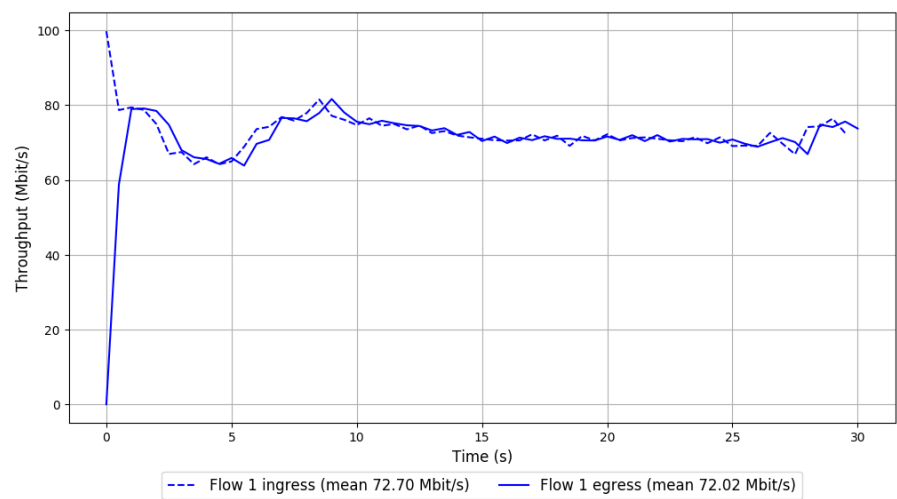


Run 1: Statistics of Verus

Start at: 2019-01-17 06:52:11
End at: 2019-01-17 06:52:41
Local clock offset: -5.543 ms
Remote clock offset: -0.001 ms

Below is generated by plot.py at 2019-01-17 08:38:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.02 Mbit/s
95th percentile per-packet one-way delay: 11.530 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 72.02 Mbit/s
95th percentile per-packet one-way delay: 11.530 ms
Loss rate: 0.93%

Run 1: Report of Verus — Data Link

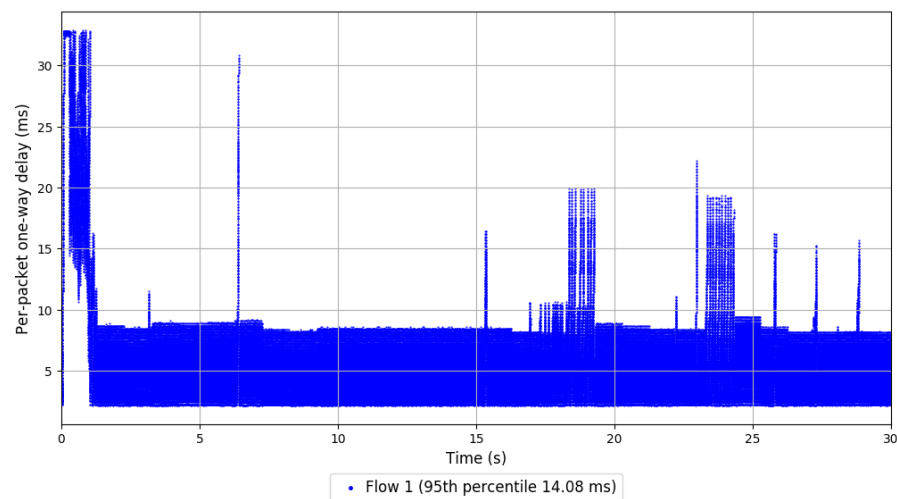
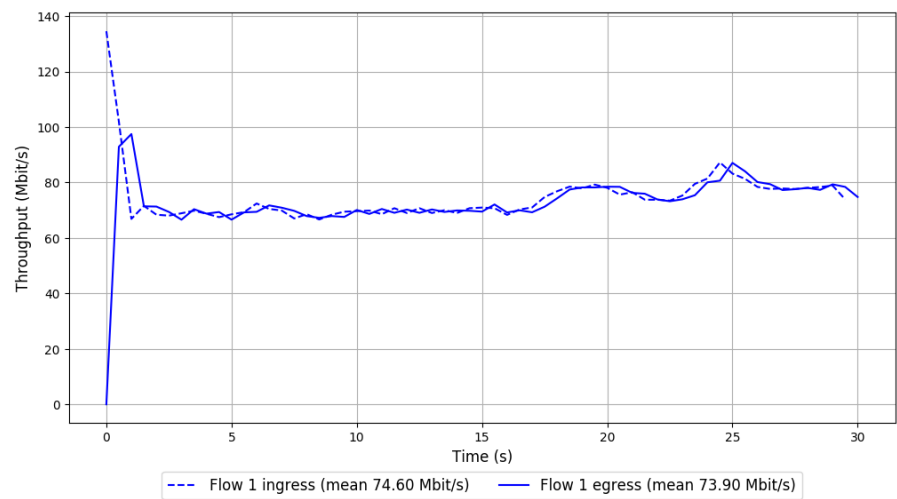


Run 2: Statistics of Verus

Start at: 2019-01-17 07:15:39
End at: 2019-01-17 07:16:09
Local clock offset: -3.593 ms
Remote clock offset: -0.204 ms

Below is generated by plot.py at 2019-01-17 08:38:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.90 Mbit/s
95th percentile per-packet one-way delay: 14.078 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 73.90 Mbit/s
95th percentile per-packet one-way delay: 14.078 ms
Loss rate: 0.91%

Run 2: Report of Verus — Data Link

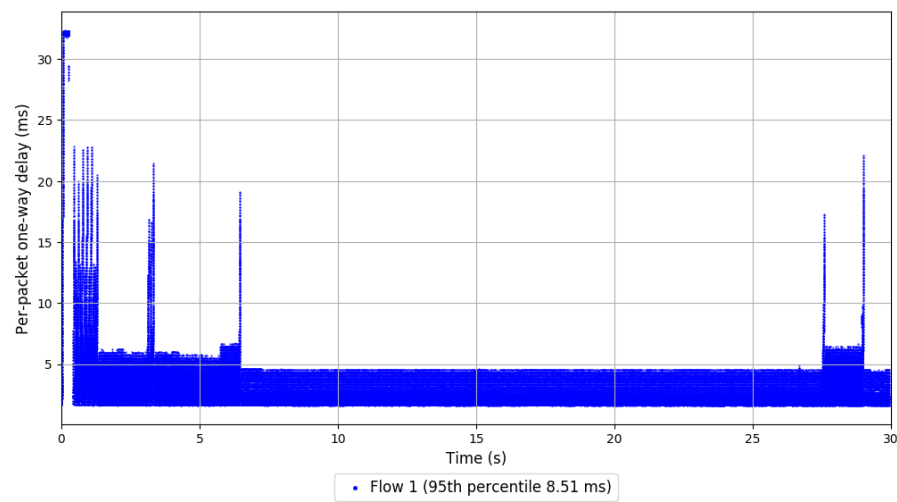
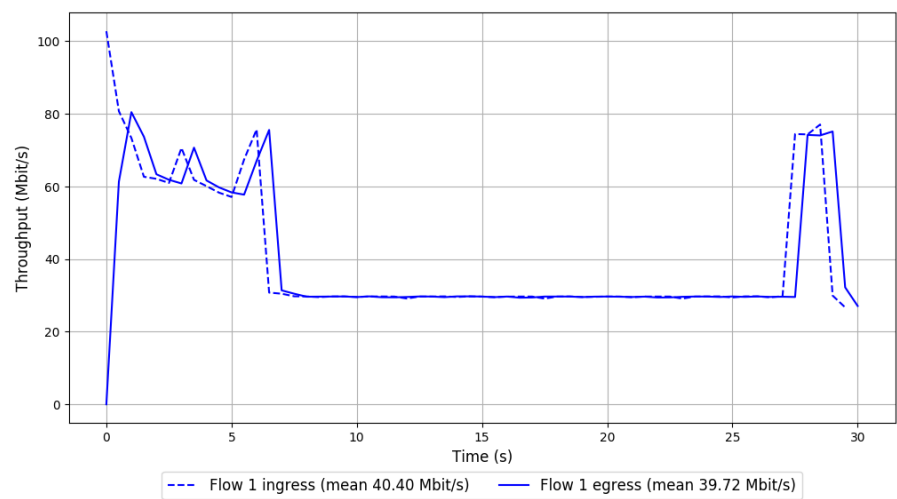


Run 3: Statistics of Verus

Start at: 2019-01-17 07:39:08
End at: 2019-01-17 07:39:38
Local clock offset: -5.641 ms
Remote clock offset: -0.152 ms

Below is generated by plot.py at 2019-01-17 08:38:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 39.72 Mbit/s
95th percentile per-packet one-way delay: 8.513 ms
Loss rate: 1.68%
-- Flow 1:
Average throughput: 39.72 Mbit/s
95th percentile per-packet one-way delay: 8.513 ms
Loss rate: 1.68%

Run 3: Report of Verus — Data Link

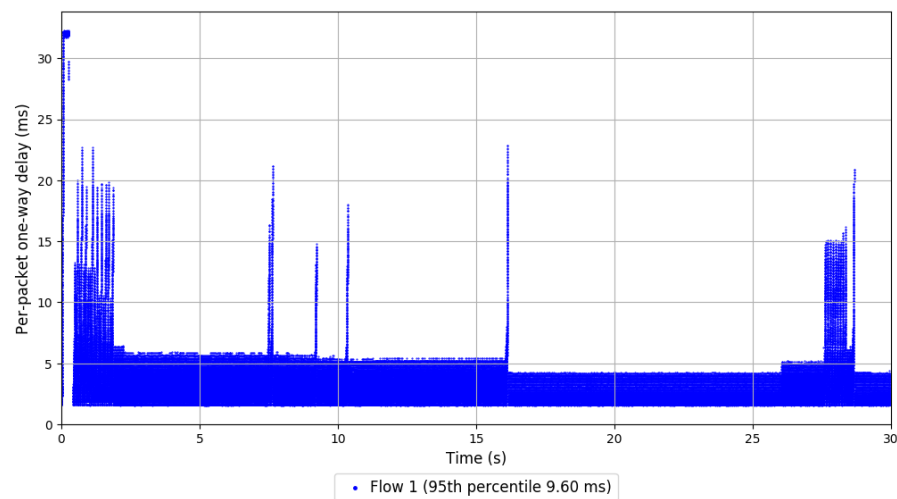
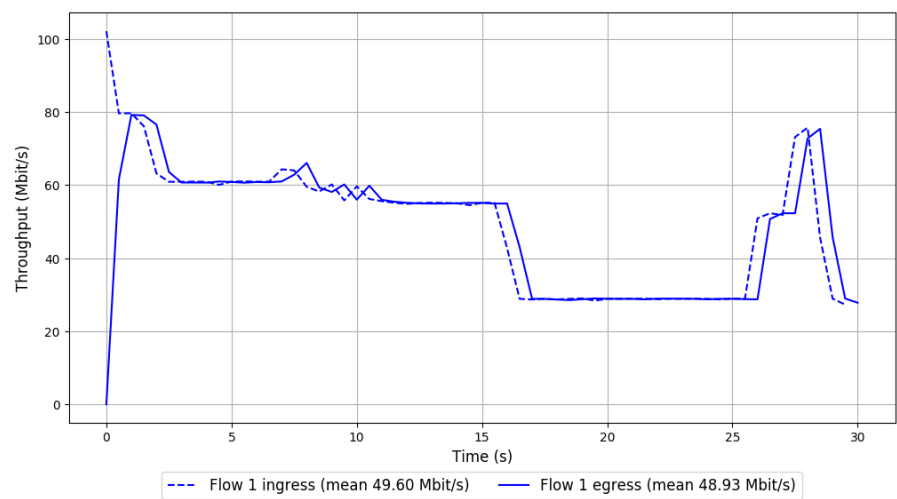


Run 4: Statistics of Verus

Start at: 2019-01-17 08:02:33
End at: 2019-01-17 08:03:03
Local clock offset: -5.962 ms
Remote clock offset: -0.204 ms

Below is generated by plot.py at 2019-01-17 08:39:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 48.93 Mbit/s
95th percentile per-packet one-way delay: 9.603 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 48.93 Mbit/s
95th percentile per-packet one-way delay: 9.603 ms
Loss rate: 1.36%

Run 4: Report of Verus — Data Link

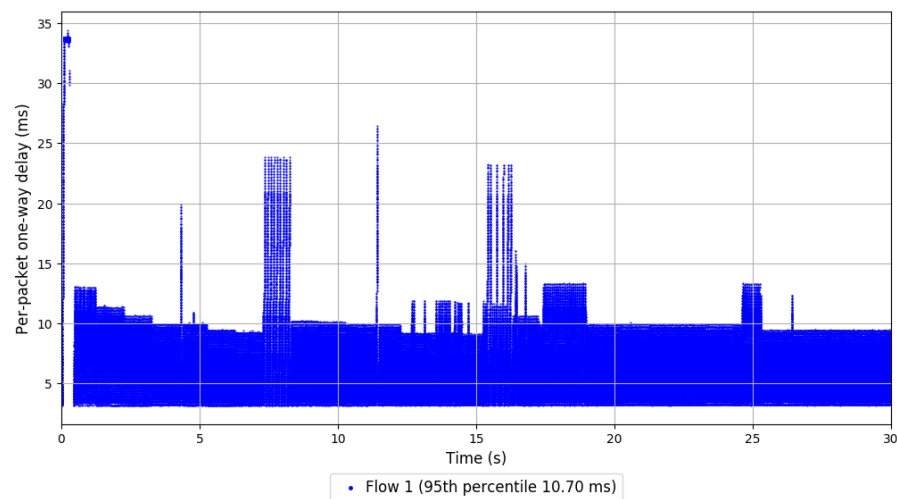
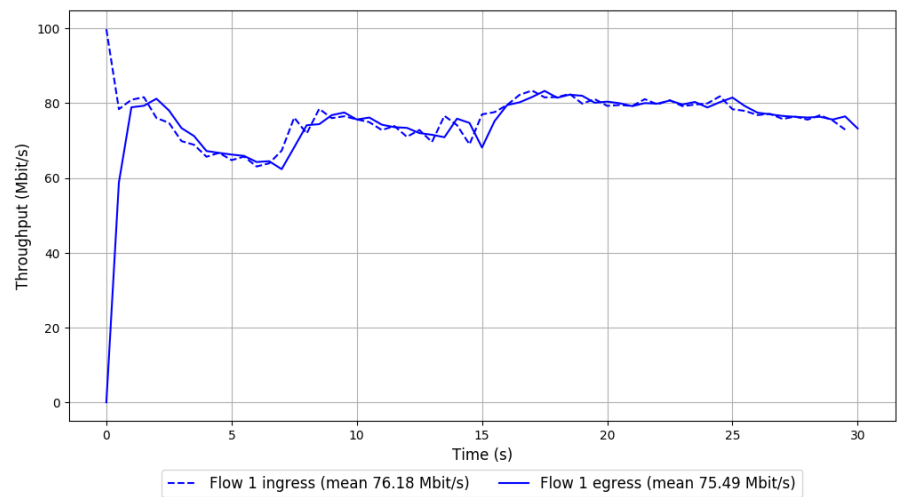


Run 5: Statistics of Verus

Start at: 2019-01-17 08:26:00
End at: 2019-01-17 08:26:31
Local clock offset: -5.433 ms
Remote clock offset: -0.165 ms

Below is generated by plot.py at 2019-01-17 08:39:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.49 Mbit/s
95th percentile per-packet one-way delay: 10.704 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 75.49 Mbit/s
95th percentile per-packet one-way delay: 10.704 ms
Loss rate: 0.89%

Run 5: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2019-01-17 06:36:27

End at: 2019-01-17 06:36:57

Local clock offset: -5.712 ms

Remote clock offset: 0.101 ms

Below is generated by plot.py at 2019-01-17 08:39:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.46 Mbit/s

95th percentile per-packet one-way delay: 1.729 ms

Loss rate: 0.00%

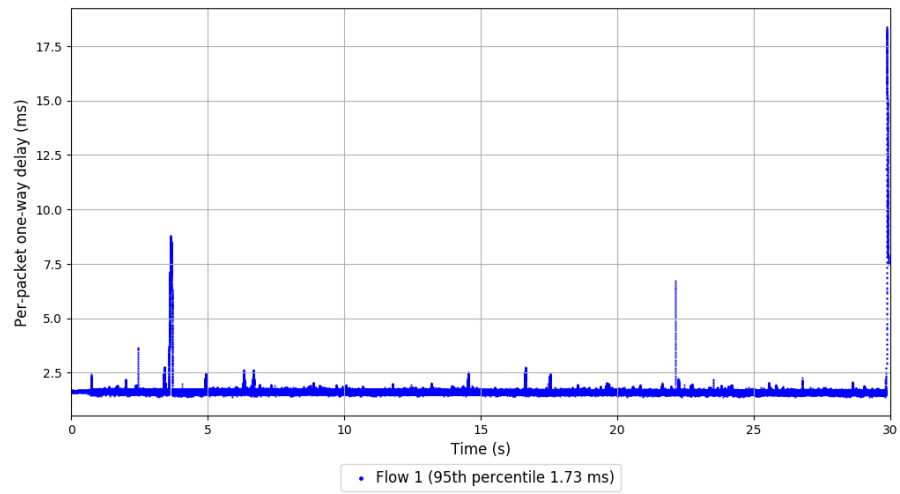
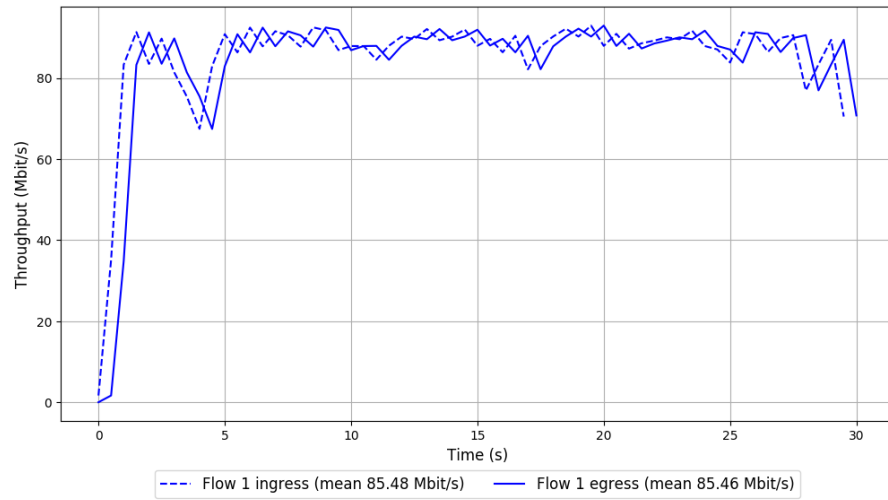
-- Flow 1:

Average throughput: 85.46 Mbit/s

95th percentile per-packet one-way delay: 1.729 ms

Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2019-01-17 06:59:55

End at: 2019-01-17 07:00:25

Local clock offset: -3.936 ms

Remote clock offset: 0.018 ms

Below is generated by plot.py at 2019-01-17 08:39:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.97 Mbit/s

95th percentile per-packet one-way delay: 1.120 ms

Loss rate: 0.00%

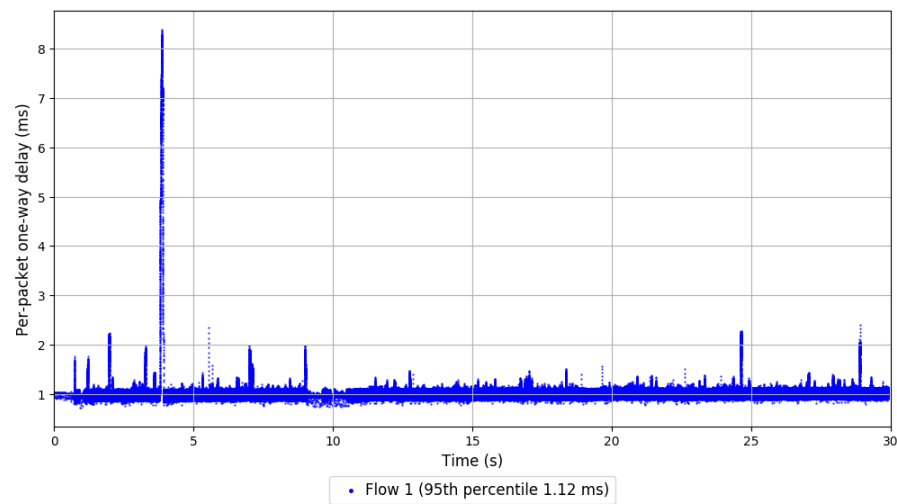
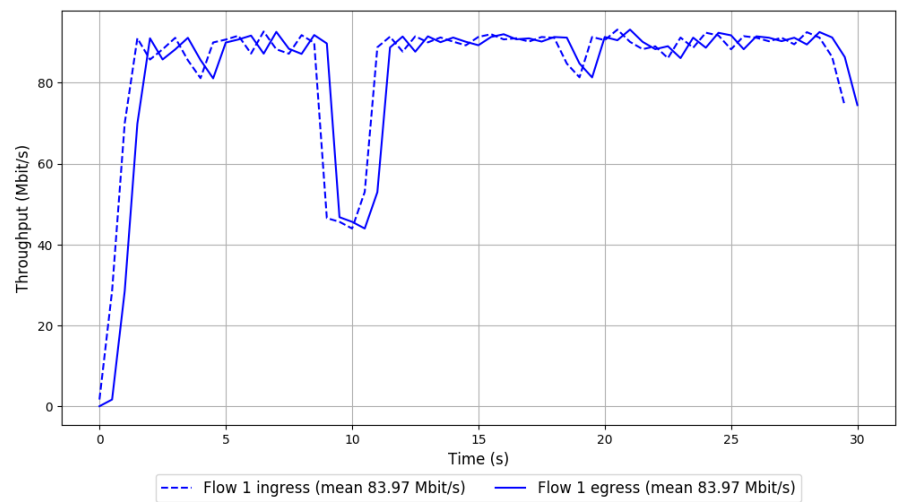
-- Flow 1:

Average throughput: 83.97 Mbit/s

95th percentile per-packet one-way delay: 1.120 ms

Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2019-01-17 07:23:23

End at: 2019-01-17 07:23:53

Local clock offset: -4.872 ms

Remote clock offset: -0.101 ms

Below is generated by plot.py at 2019-01-17 08:39:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.86 Mbit/s

95th percentile per-packet one-way delay: 3.270 ms

Loss rate: 0.00%

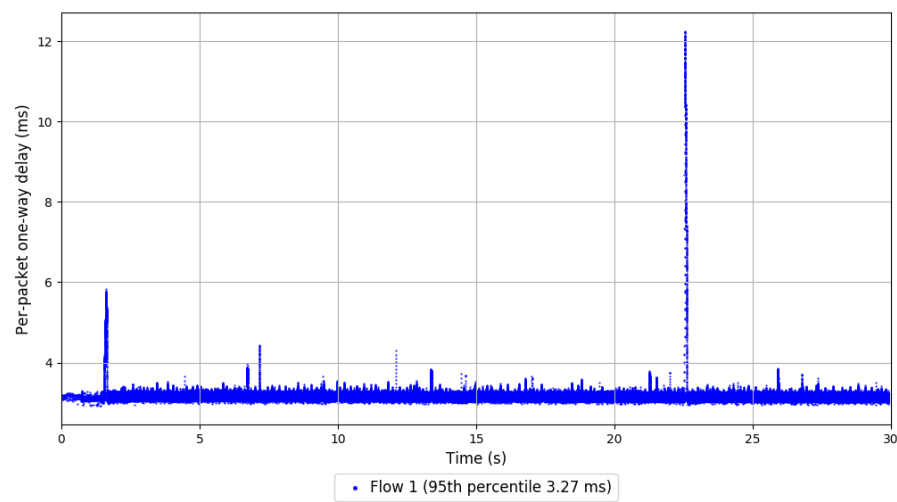
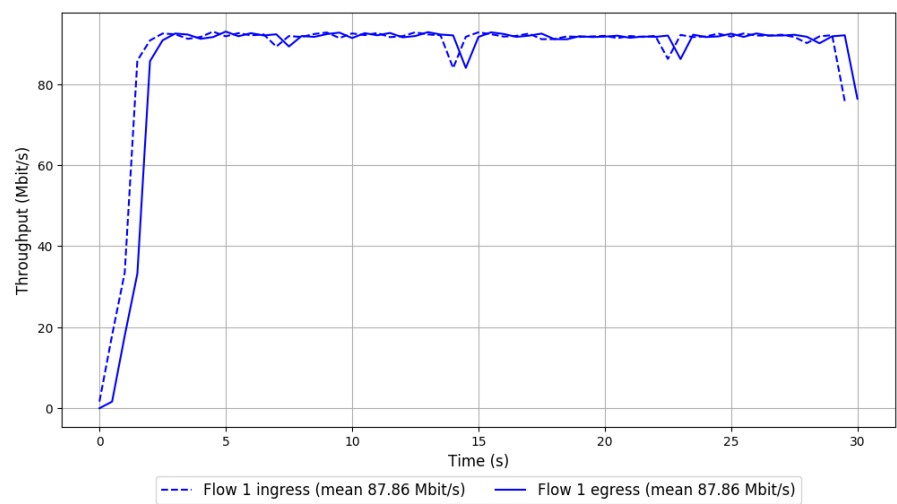
-- Flow 1:

Average throughput: 87.86 Mbit/s

95th percentile per-packet one-way delay: 3.270 ms

Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link

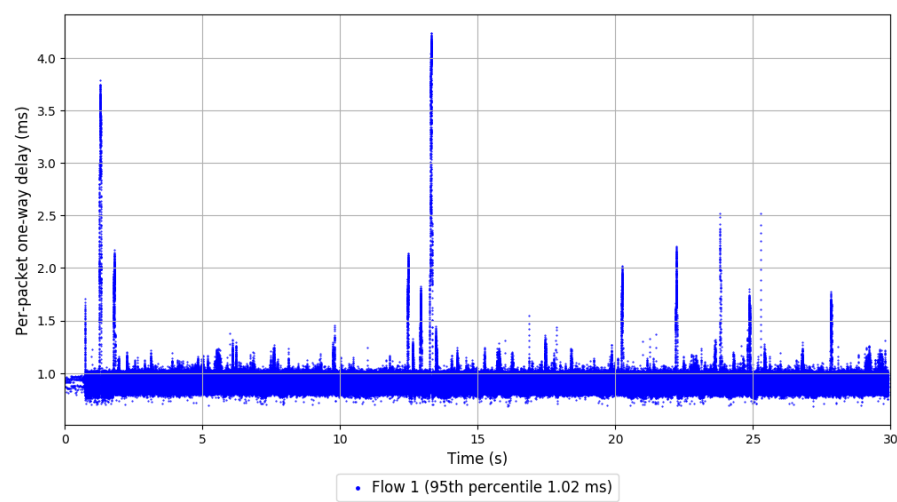
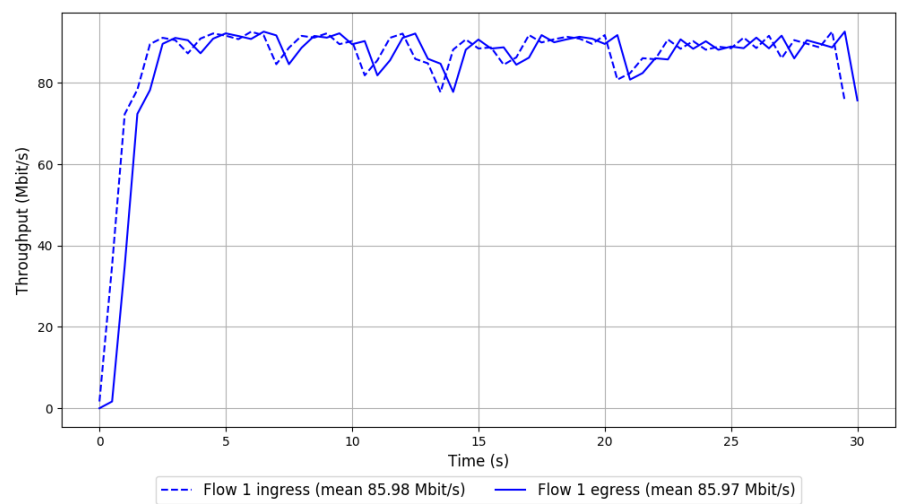


Run 4: Statistics of PCC-Vivace

Start at: 2019-01-17 07:46:50
End at: 2019-01-17 07:47:20
Local clock offset: -4.999 ms
Remote clock offset: -0.181 ms

Below is generated by plot.py at 2019-01-17 08:39:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.97 Mbit/s
95th percentile per-packet one-way delay: 1.024 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 85.97 Mbit/s
95th percentile per-packet one-way delay: 1.024 ms
Loss rate: 0.01%

Run 4: Report of PCC-Vivace — Data Link

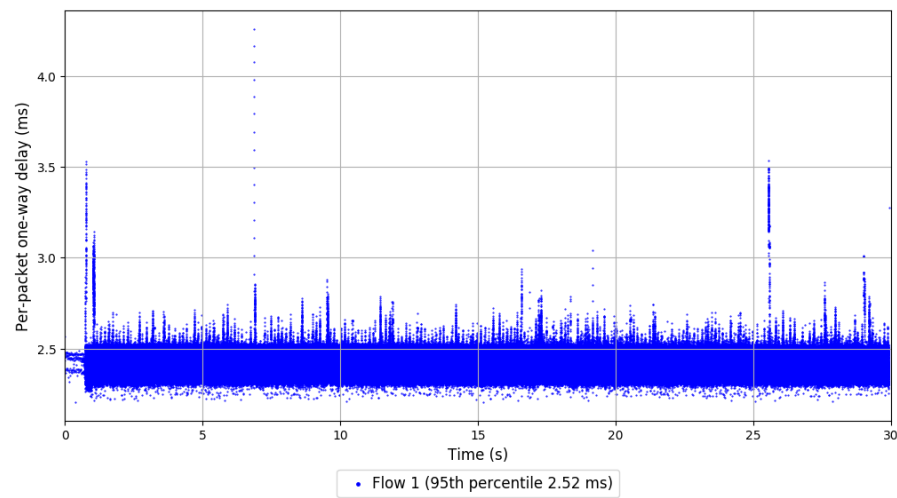
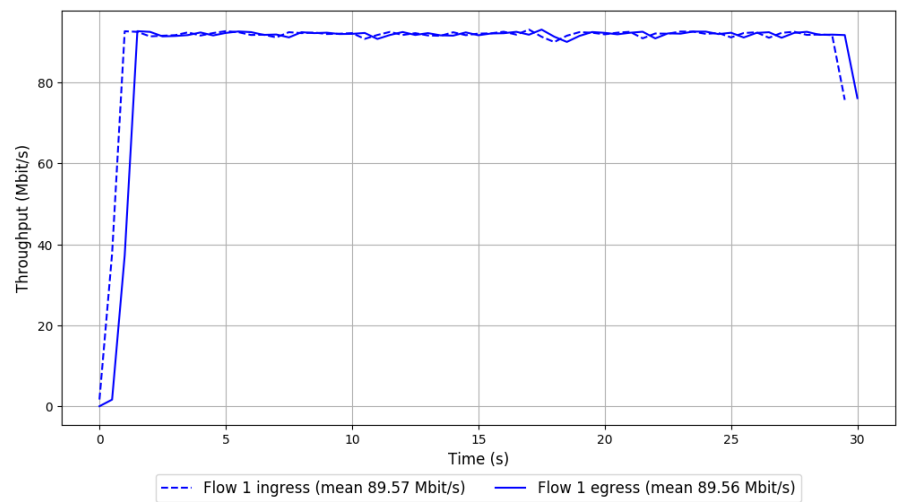


Run 5: Statistics of PCC-Vivace

Start at: 2019-01-17 08:10:15
End at: 2019-01-17 08:10:45
Local clock offset: -5.32 ms
Remote clock offset: -0.196 ms

Below is generated by plot.py at 2019-01-17 08:39:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.56 Mbit/s
95th percentile per-packet one-way delay: 2.519 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.56 Mbit/s
95th percentile per-packet one-way delay: 2.519 ms
Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link



Run 1: Statistics of WebRTC media

Start at: 2019-01-17 06:34:18

End at: 2019-01-17 06:34:48

Local clock offset: -4.676 ms

Remote clock offset: 0.126 ms

Below is generated by plot.py at 2019-01-17 08:39:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.841 ms

Loss rate: 0.00%

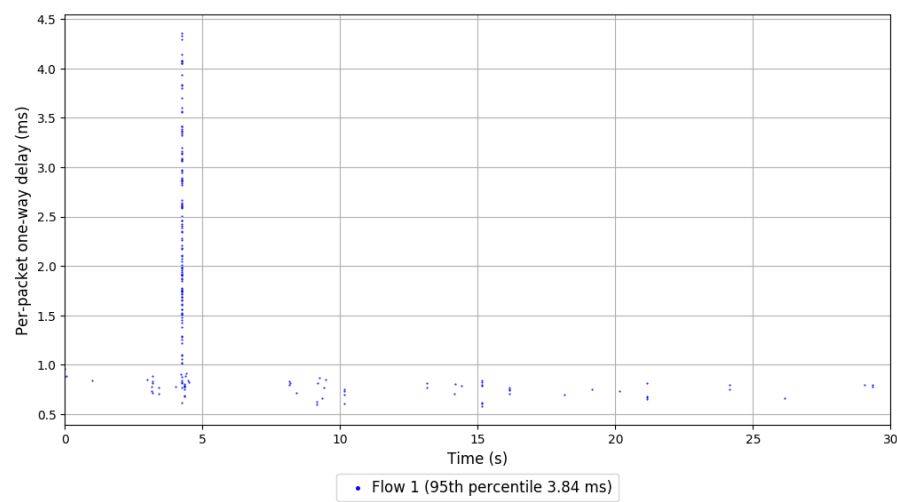
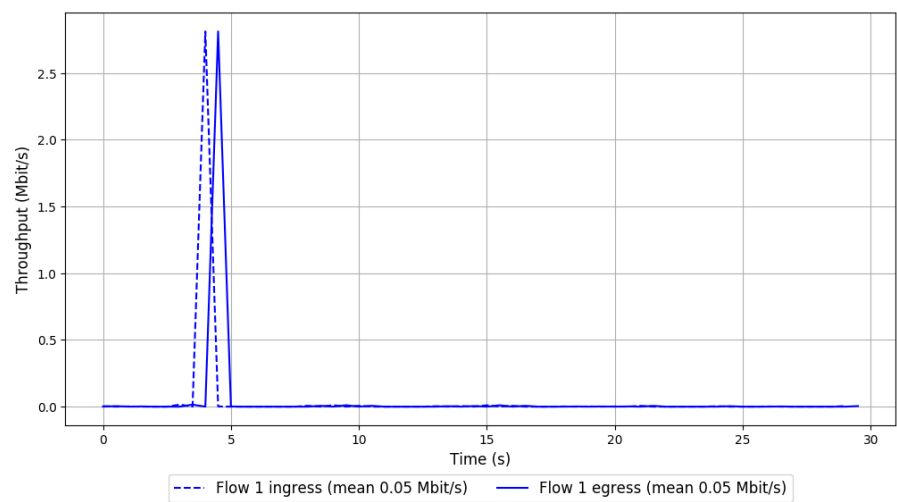
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 3.841 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

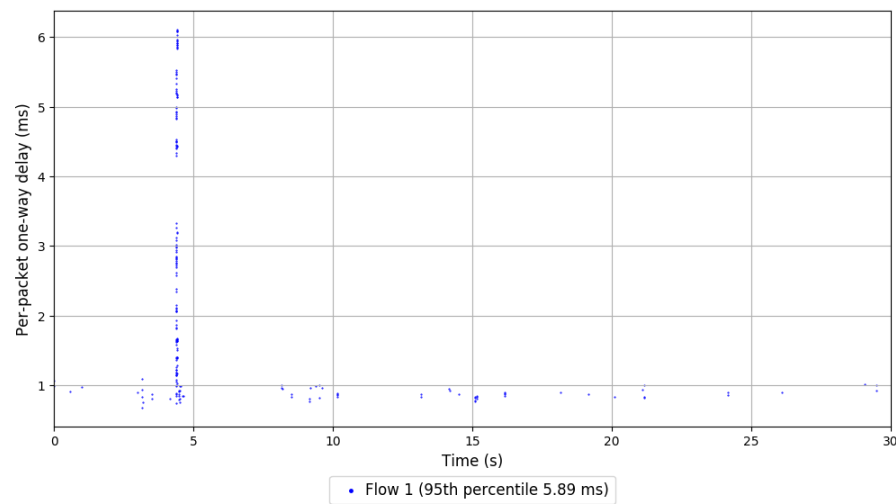
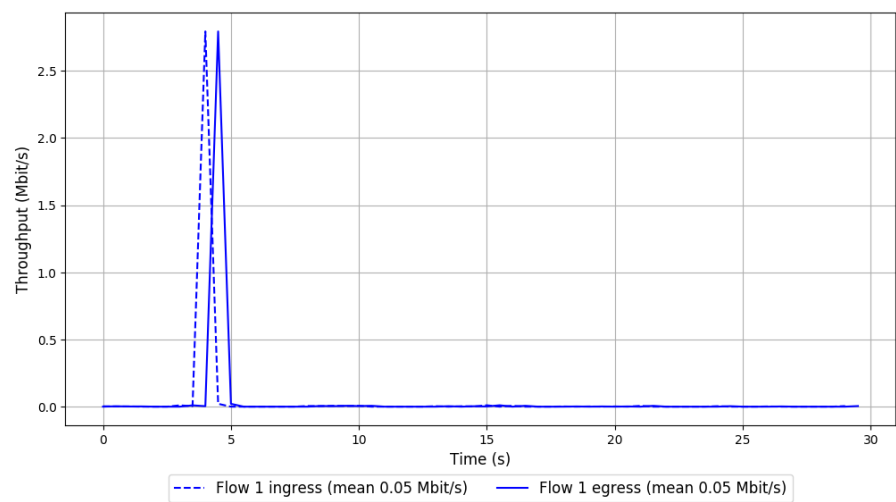


Run 2: Statistics of WebRTC media

Start at: 2019-01-17 06:57:45
End at: 2019-01-17 06:58:15
Local clock offset: -4.119 ms
Remote clock offset: -0.033 ms

Below is generated by plot.py at 2019-01-17 08:39:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 5.890 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 5.890 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

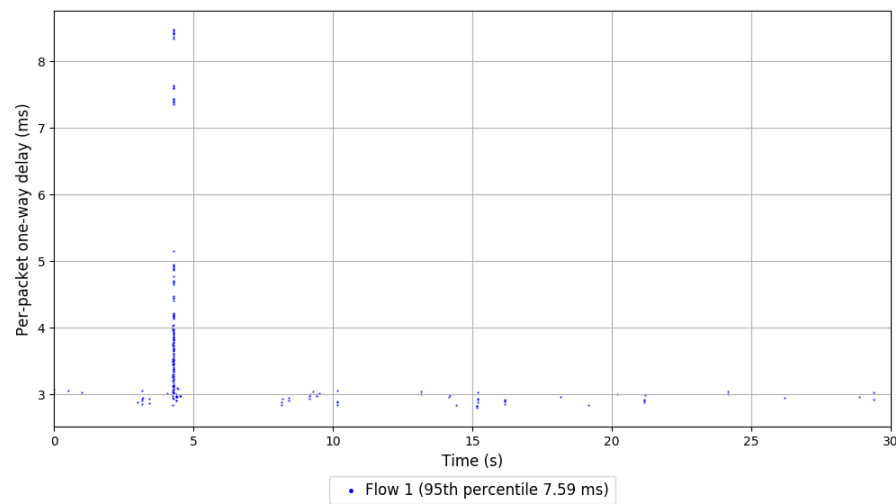
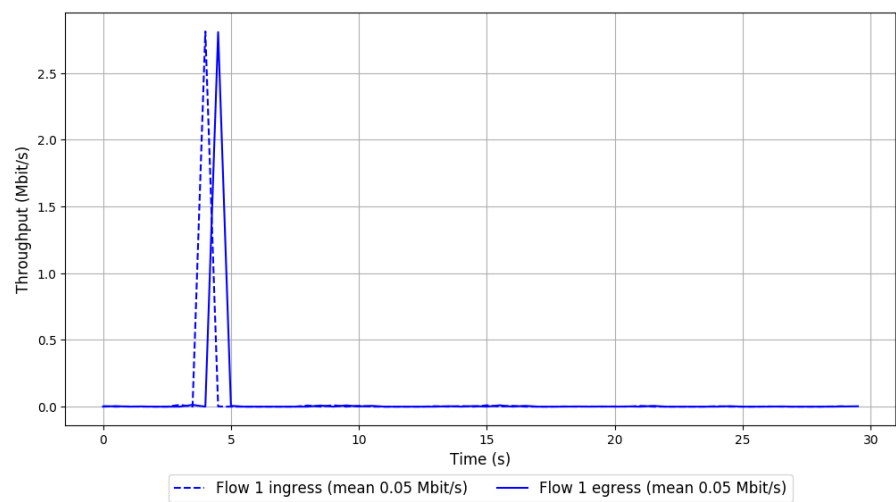


Run 3: Statistics of WebRTC media

Start at: 2019-01-17 07:21:14
End at: 2019-01-17 07:21:44
Local clock offset: -4.705 ms
Remote clock offset: -0.231 ms

Below is generated by plot.py at 2019-01-17 08:39:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 7.594 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 7.594 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2019-01-17 07:44:40

End at: 2019-01-17 07:45:10

Local clock offset: -5.724 ms

Remote clock offset: -0.18 ms

Below is generated by plot.py at 2019-01-17 08:39:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.516 ms

Loss rate: 0.00%

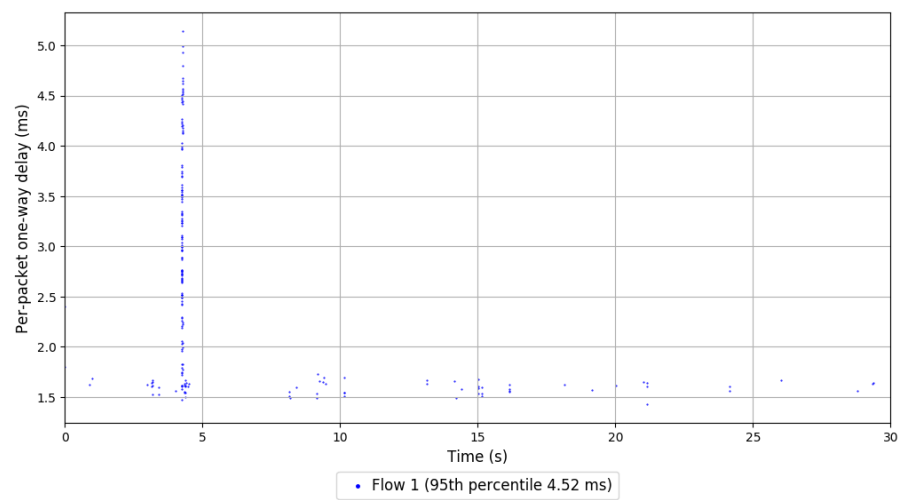
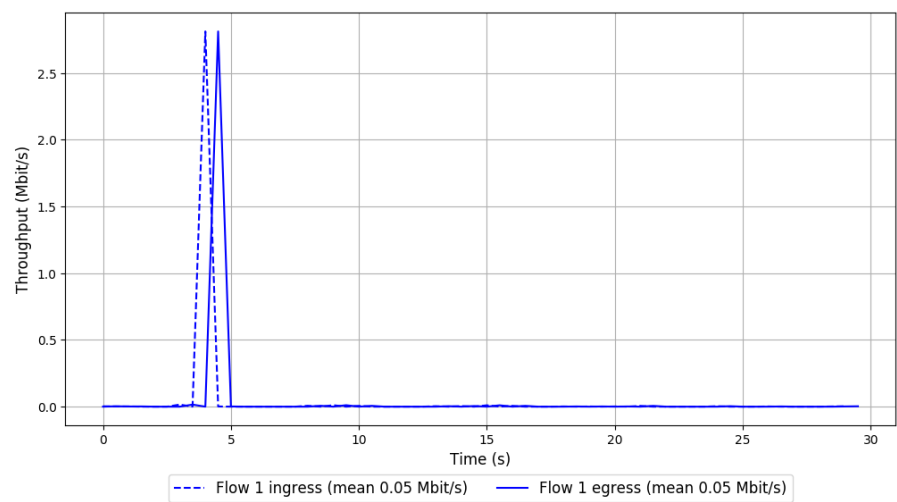
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.516 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-01-17 08:08:06
End at: 2019-01-17 08:08:36
Local clock offset: -5.279 ms
Remote clock offset: -0.187 ms

Below is generated by plot.py at 2019-01-17 08:39:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.734 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.734 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

