

Pantheon Report

Generated at 2019-03-18 21:32:56 (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:

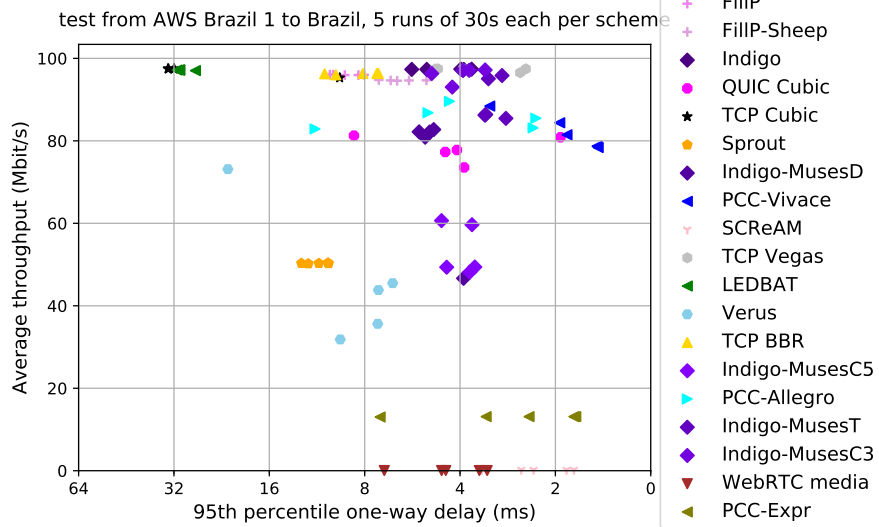
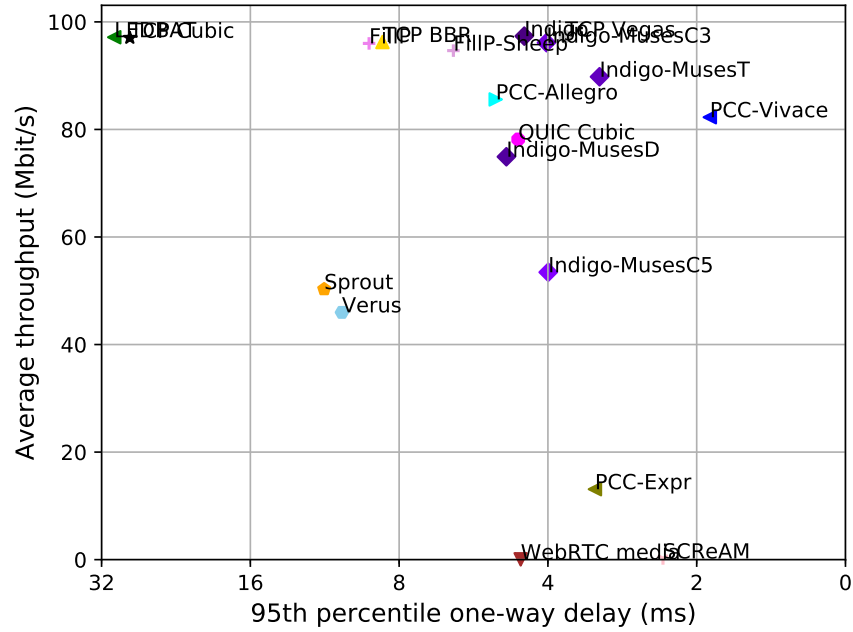
```
Linux 4.15.0-1033-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

Git summary:

```
branch: muses @ 7a686f7c2ed0a333082c0bab1fa5c921ab47e6ee
third_party/fillp @ d6da1459332fcee56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecd9c077e64d
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-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	8.65	0.00
Copa	0	N/A	N/A	N/A
TCP Cubic	5	97.04	28.05	0.02
FillP	5	96.00	9.20	0.31
FillP-Sheep	5	94.66	6.21	0.09
Indigo	5	97.35	4.47	0.00
Indigo-MusesC3	5	96.13	4.03	0.01
Indigo-MusesC5	5	53.45	3.99	0.00
Indigo-MusesD	5	74.92	4.85	0.00
Indigo-MusesT	5	89.80	3.15	0.00
LEDBAT	5	97.14	30.17	0.01
PCC-Allegro	5	85.58	5.10	0.00
PCC-Expr	5	13.10	3.21	25.61
QUIC Cubic	5	78.15	4.59	0.25
SCReAM	5	0.22	2.34	0.00
Sprout	5	50.29	11.34	0.01
TaoVA-100x	0	N/A	N/A	N/A
TCP Vegas	5	97.26	3.69	0.00
Verus	5	45.98	10.44	1.59
PCC-Vivace	5	82.27	1.82	0.00
WebRTC media	5	0.05	4.54	0.00

Run 1: Statistics of TCP BBR

Start at: 2019-03-18 19:38:30

End at: 2019-03-18 19:39:00

Local clock offset: 2.057 ms

Remote clock offset: -0.069 ms

Below is generated by plot.py at 2019-03-18 21:23:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.35 Mbit/s

95th percentile per-packet one-way delay: 7.246 ms

Loss rate: 0.00%

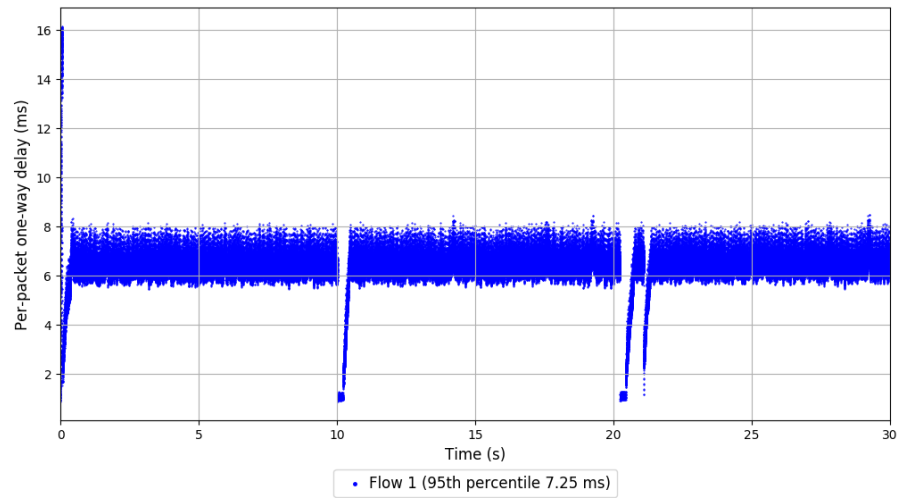
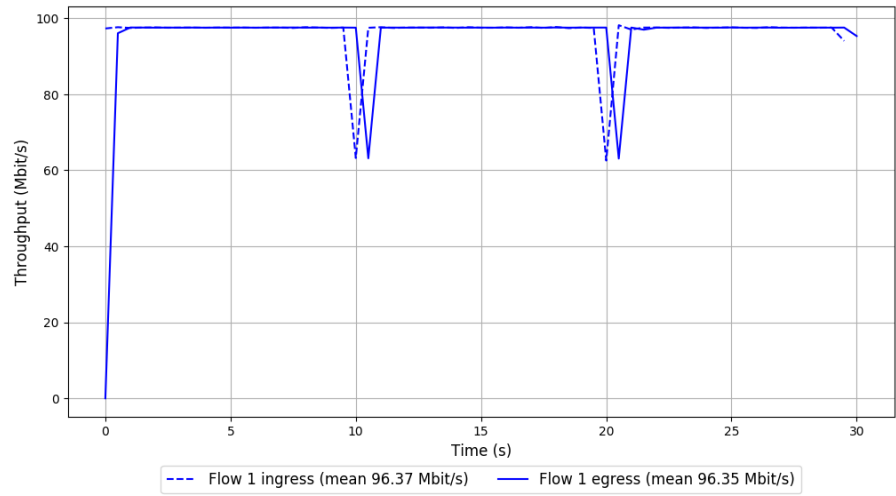
-- Flow 1:

Average throughput: 96.35 Mbit/s

95th percentile per-packet one-way delay: 7.246 ms

Loss rate: 0.00%

Run 1: Report of TCP BBR — Data Link

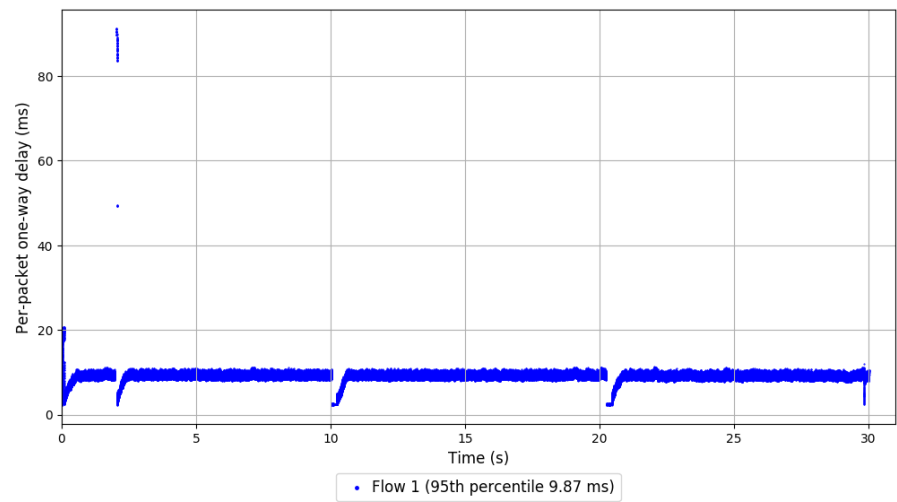
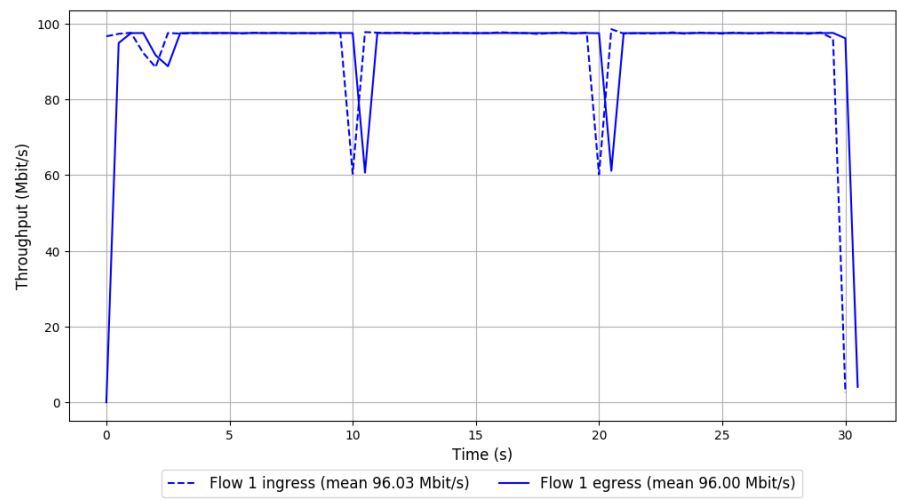


Run 2: Statistics of TCP BBR

Start at: 2019-03-18 20:01:57
End at: 2019-03-18 20:02:27
Local clock offset: -3.169 ms
Remote clock offset: -0.013 ms

Below is generated by plot.py at 2019-03-18 21:23:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.00 Mbit/s
95th percentile per-packet one-way delay: 9.865 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.00 Mbit/s
95th percentile per-packet one-way delay: 9.865 ms
Loss rate: 0.00%

Run 2: Report of TCP BBR — Data Link

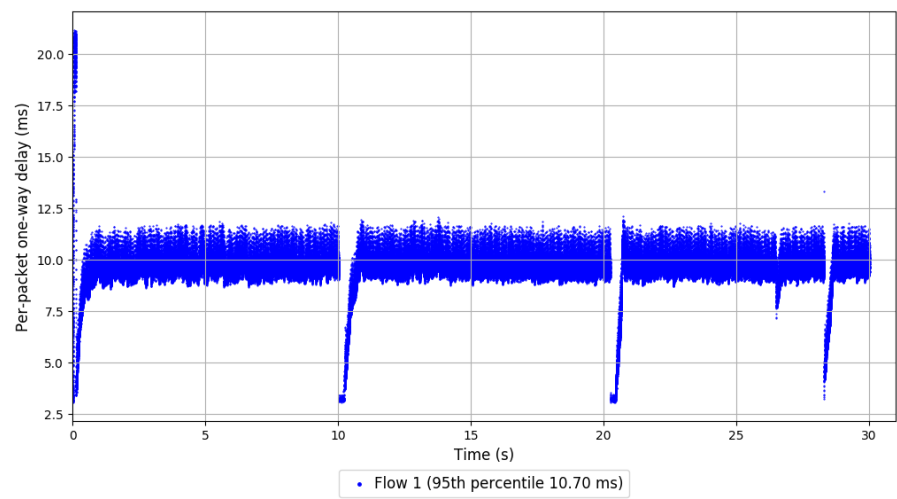
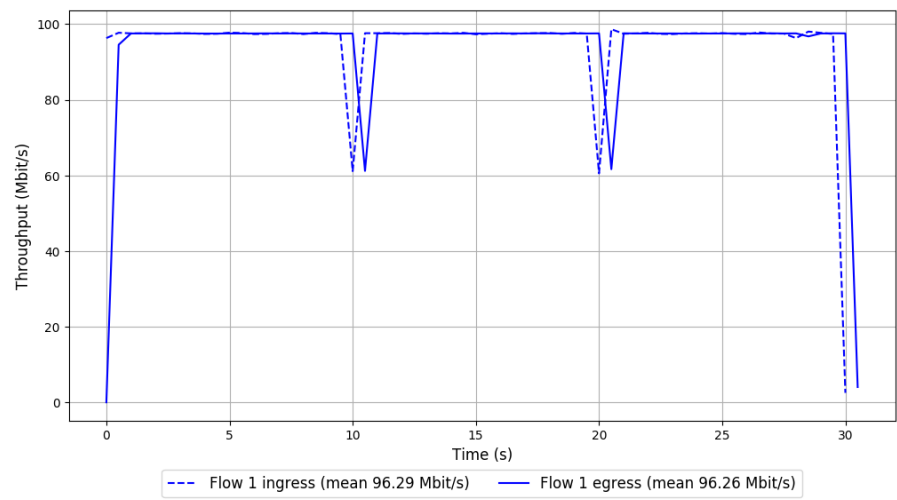


Run 3: Statistics of TCP BBR

Start at: 2019-03-18 20:25:22
End at: 2019-03-18 20:25:52
Local clock offset: -5.397 ms
Remote clock offset: -0.028 ms

Below is generated by plot.py at 2019-03-18 21:23:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.26 Mbit/s
95th percentile per-packet one-way delay: 10.702 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 96.26 Mbit/s
95th percentile per-packet one-way delay: 10.702 ms
Loss rate: 0.01%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2019-03-18 20:48:48

End at: 2019-03-18 20:49:18

Local clock offset: -3.923 ms

Remote clock offset: 0.045 ms

Below is generated by plot.py at 2019-03-18 21:23:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.33 Mbit/s

95th percentile per-packet one-way delay: 7.320 ms

Loss rate: 0.00%

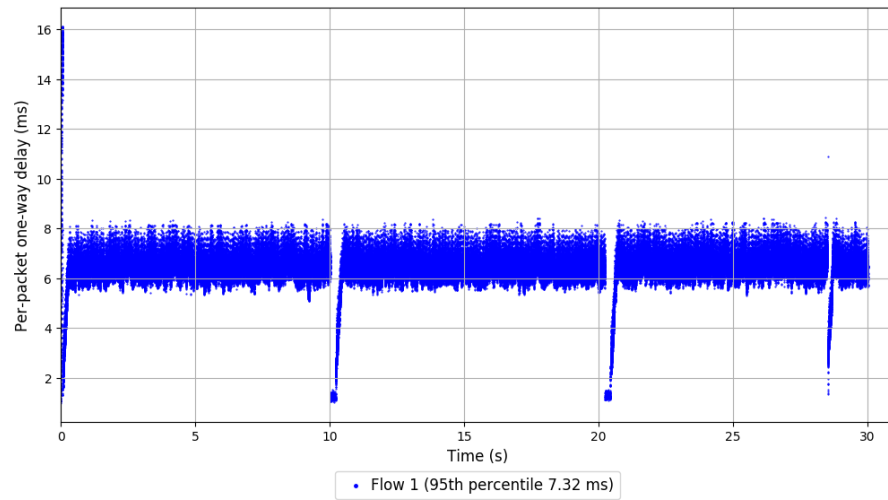
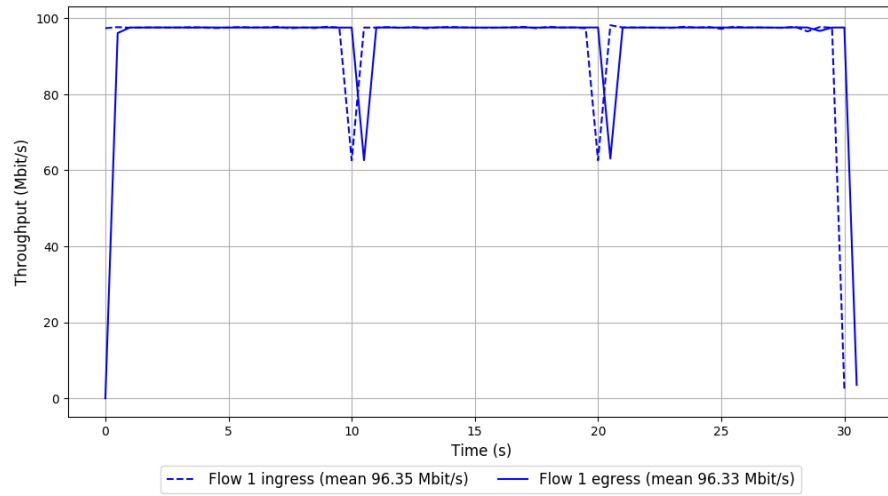
-- Flow 1:

Average throughput: 96.33 Mbit/s

95th percentile per-packet one-way delay: 7.320 ms

Loss rate: 0.00%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2019-03-18 21:12:12

End at: 2019-03-18 21:12:42

Local clock offset: -1.359 ms

Remote clock offset: 0.044 ms

Below is generated by plot.py at 2019-03-18 21:23:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.33 Mbit/s

95th percentile per-packet one-way delay: 8.102 ms

Loss rate: 0.00%

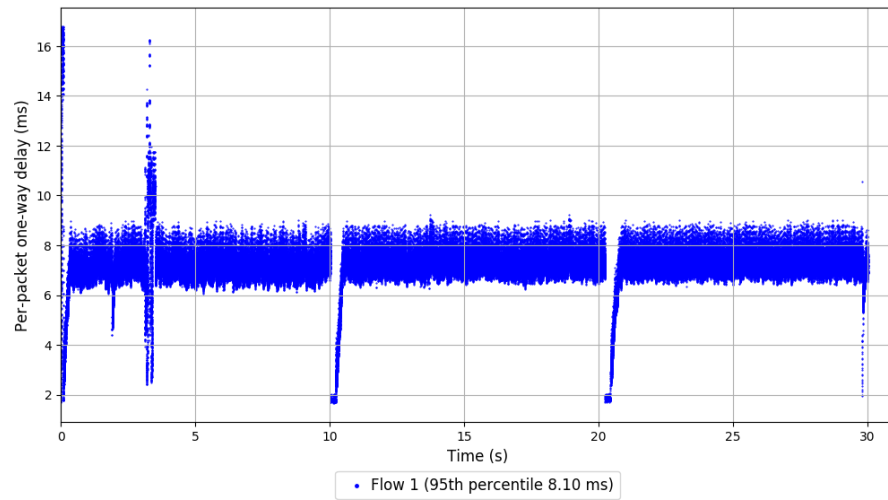
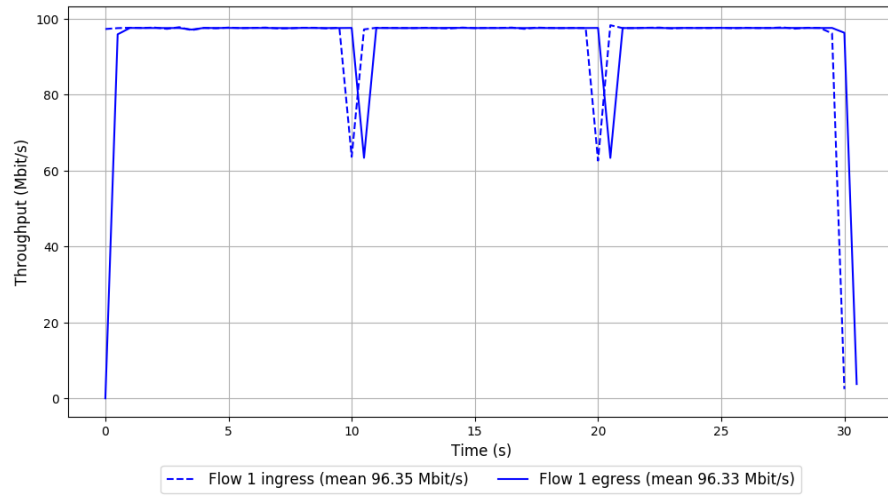
-- Flow 1:

Average throughput: 96.33 Mbit/s

95th percentile per-packet one-way delay: 8.102 ms

Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

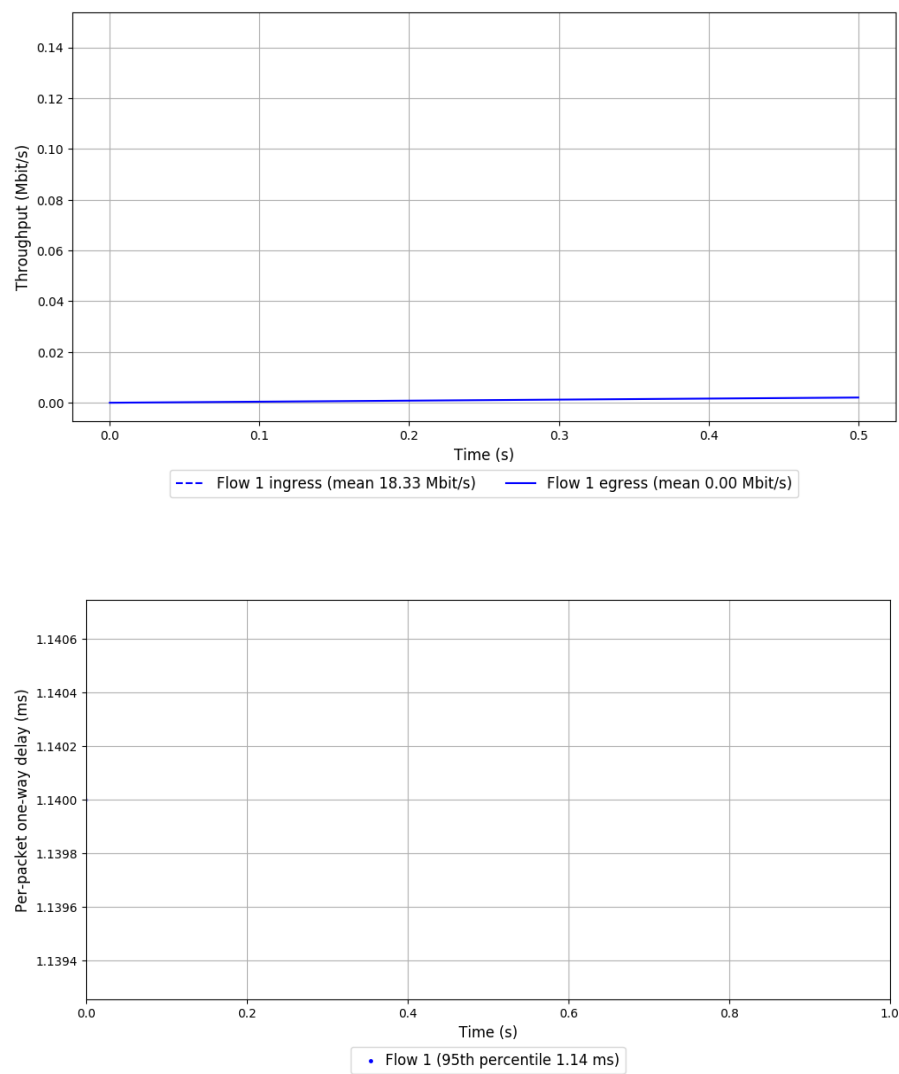
Start at: 2019-03-18 19:37:26

End at: 2019-03-18 19:37:56

Local clock offset: 1.832 ms

Remote clock offset: 0.004 ms

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

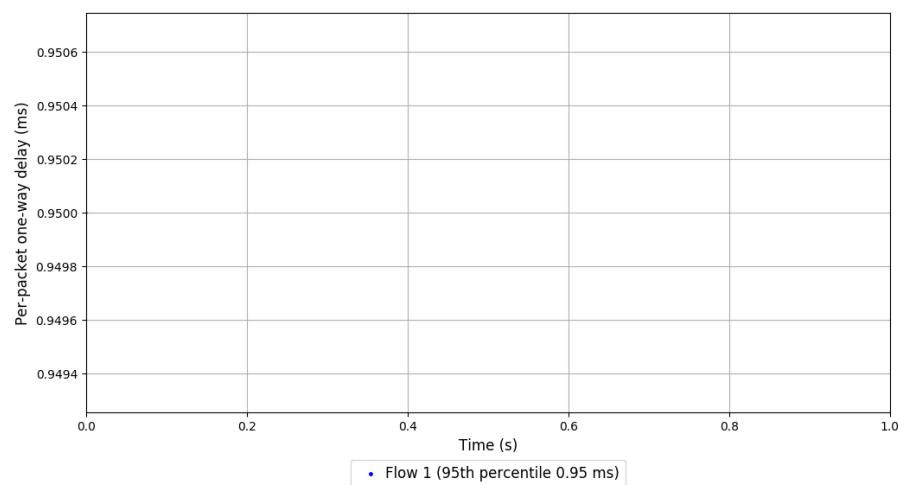
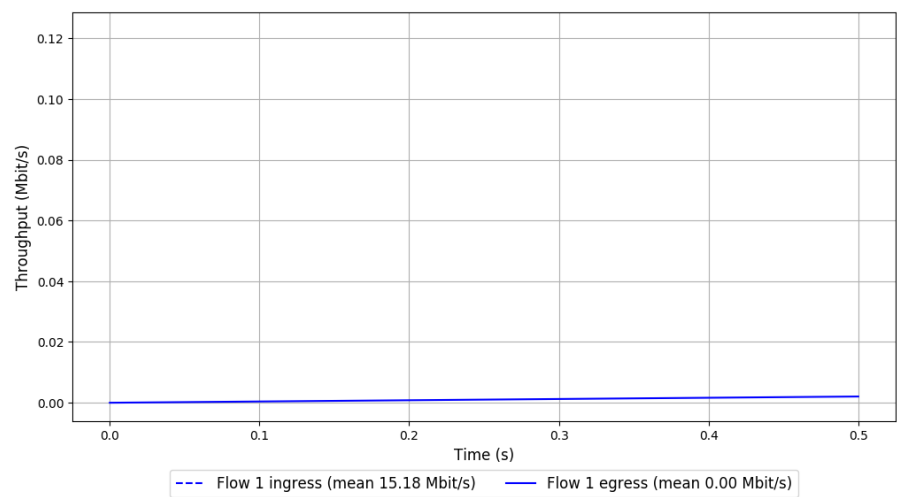
Start at: 2019-03-18 20:00:52

End at: 2019-03-18 20:01:22

Local clock offset: -2.977 ms

Remote clock offset: 0.008 ms

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

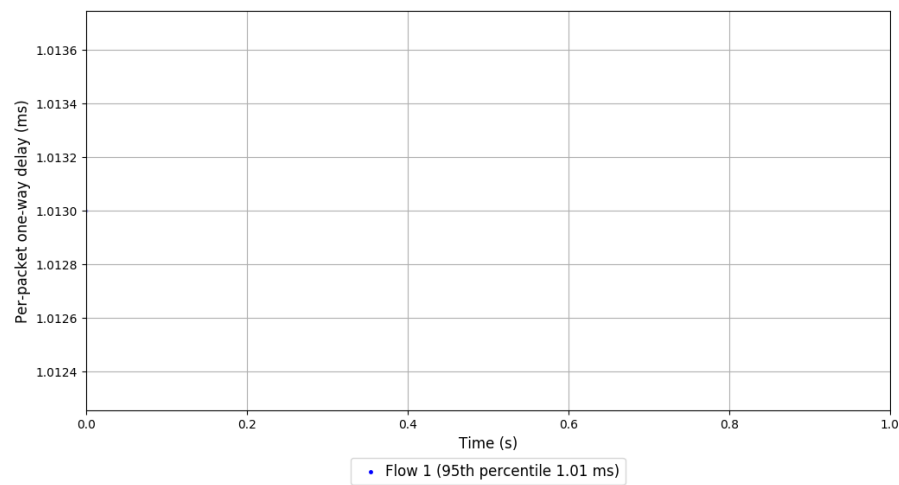
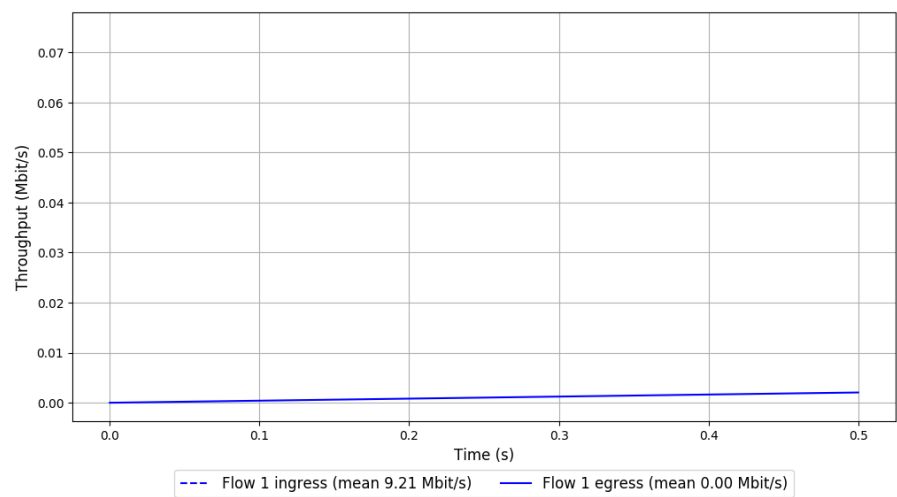
Start at: 2019-03-18 20:24:18

End at: 2019-03-18 20:24:48

Local clock offset: -4.525 ms

Remote clock offset: 0.029 ms

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

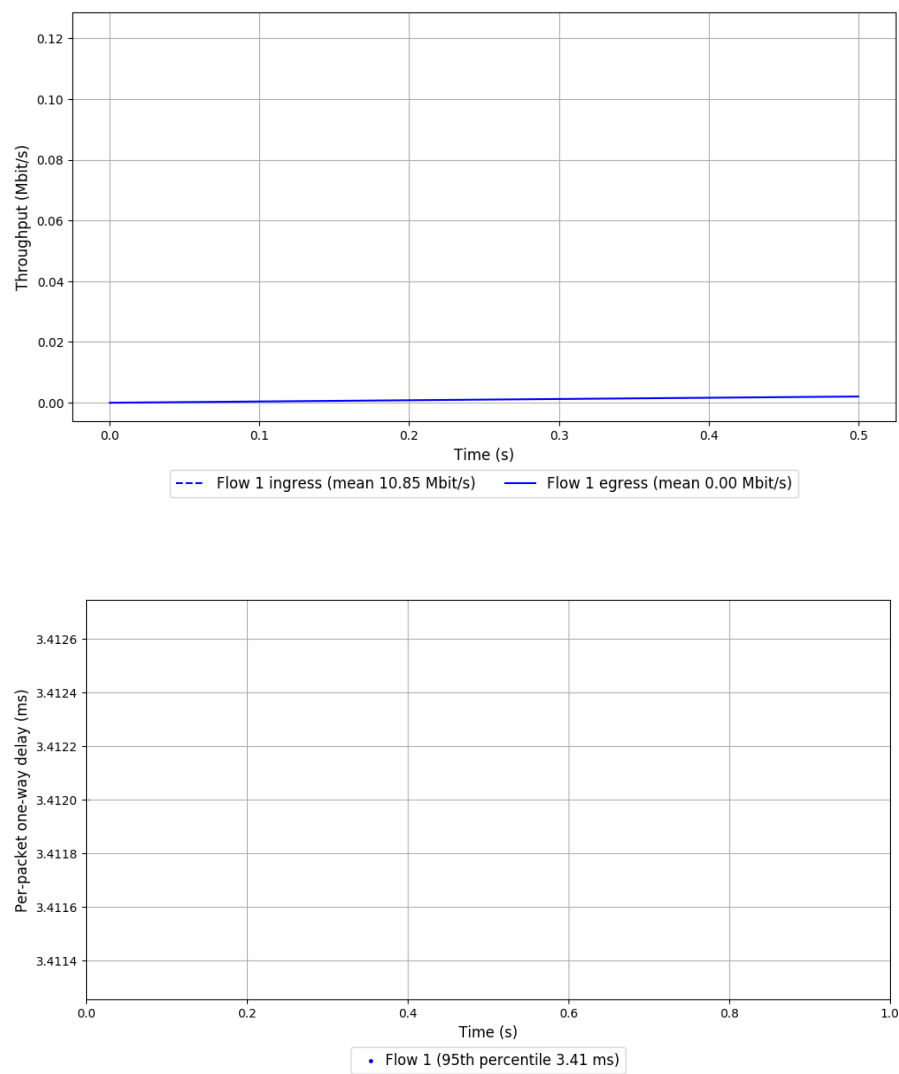
Start at: 2019-03-18 20:47:44

End at: 2019-03-18 20:48:14

Local clock offset: -5.006 ms

Remote clock offset: 0.006 ms

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

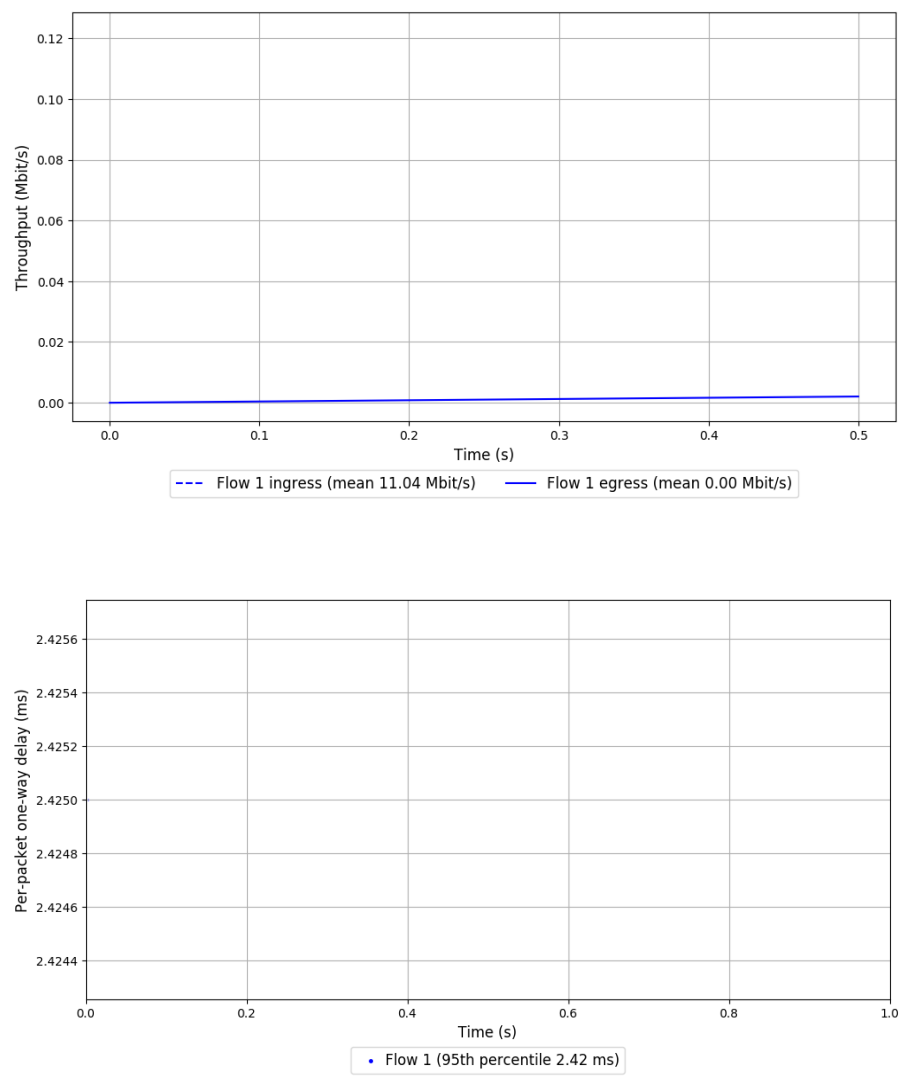
Start at: 2019-03-18 21:11:07

End at: 2019-03-18 21:11:37

Local clock offset: -0.681 ms

Remote clock offset: -0.074 ms

Run 5: Report of Copa — Data Link

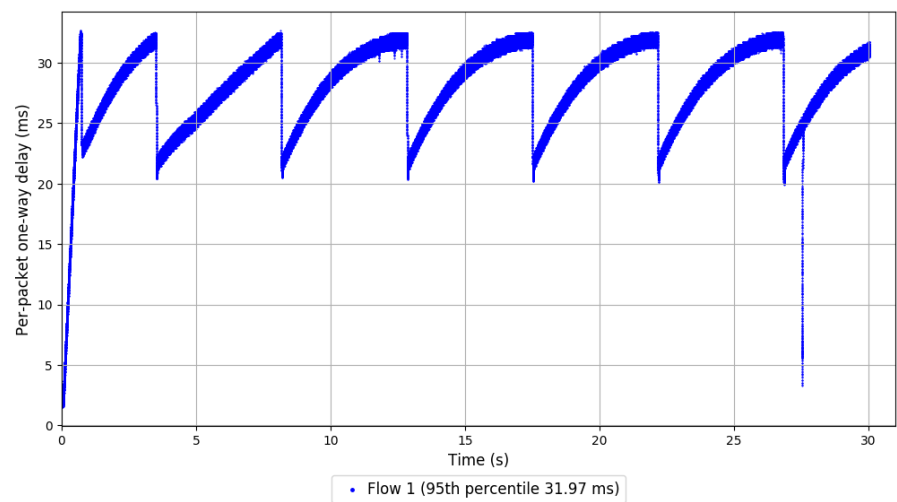
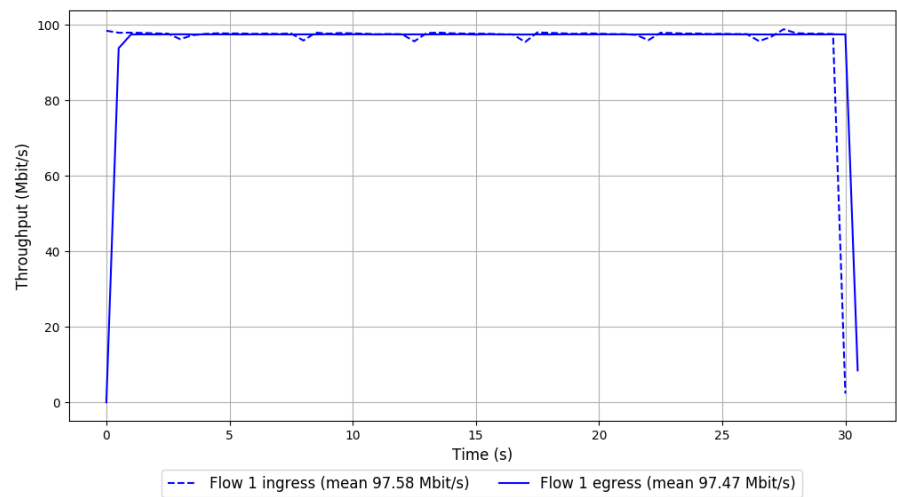


Run 1: Statistics of TCP Cubic

Start at: 2019-03-18 19:41:55
End at: 2019-03-18 19:42:25
Local clock offset: 1.887 ms
Remote clock offset: -0.102 ms

Below is generated by plot.py at 2019-03-18 21:23:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 31.974 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 31.974 ms
Loss rate: 0.01%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2019-03-18 20:05:21

End at: 2019-03-18 20:05:51

Local clock offset: -4.217 ms

Remote clock offset: 0.034 ms

Below is generated by plot.py at 2019-03-18 21:23:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 31.976 ms

Loss rate: 0.01%

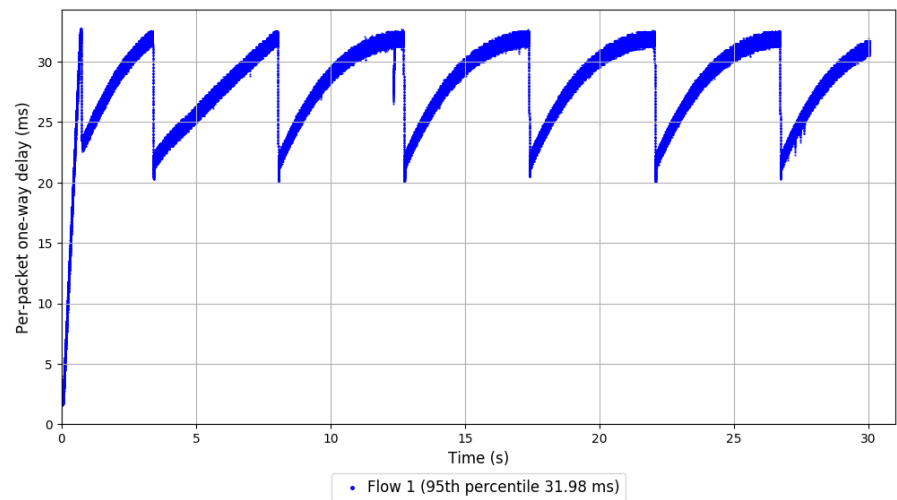
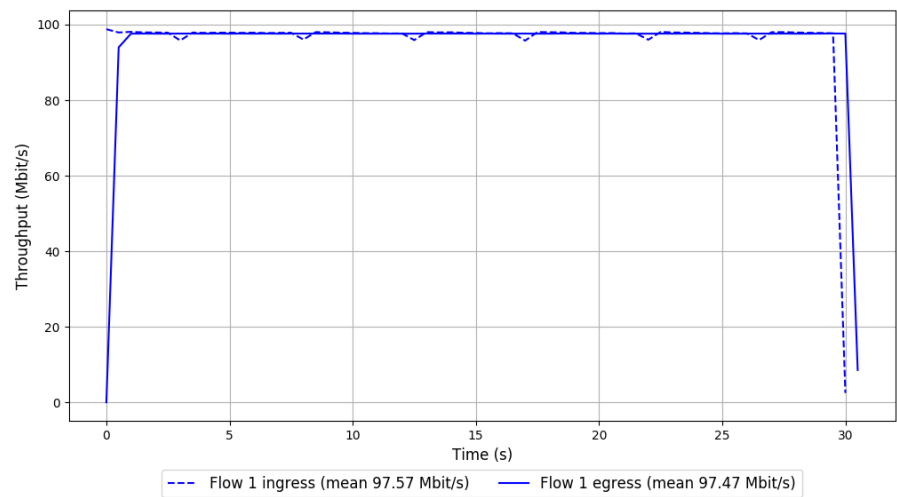
-- Flow 1:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 31.976 ms

Loss rate: 0.01%

Run 2: Report of TCP Cubic — Data Link

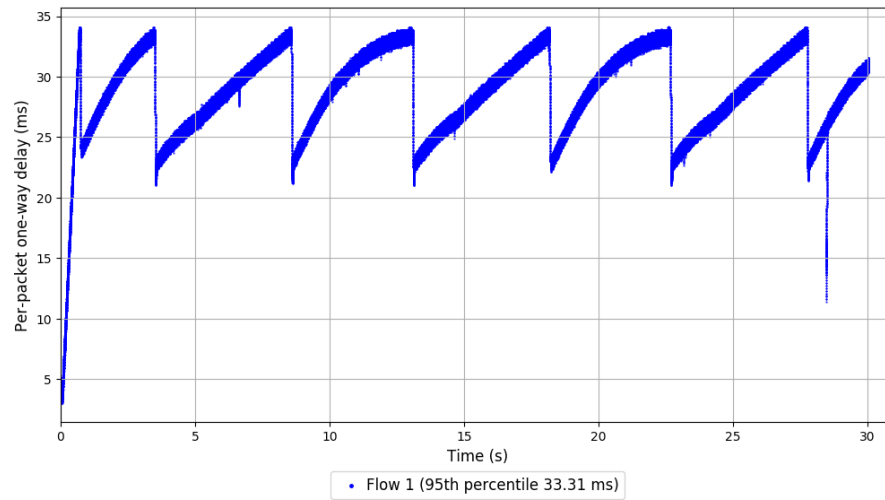
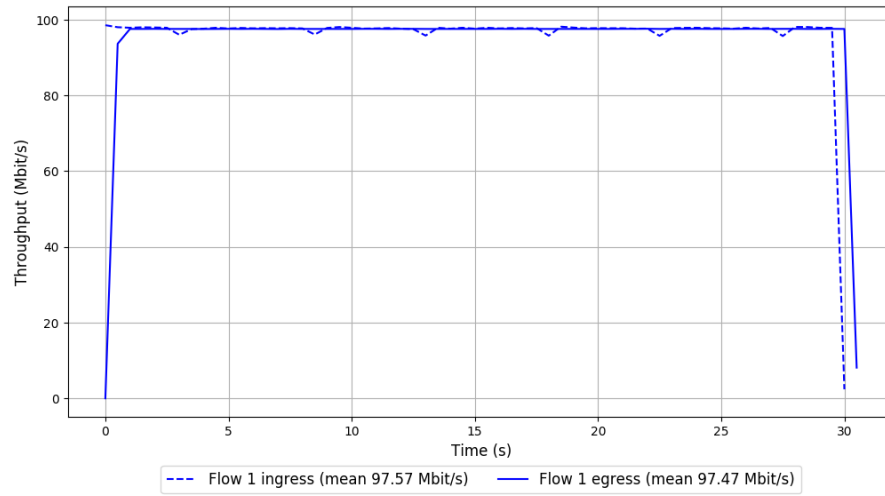


Run 3: Statistics of TCP Cubic

Start at: 2019-03-18 20:28:47
End at: 2019-03-18 20:29:17
Local clock offset: -5.491 ms
Remote clock offset: -0.051 ms

Below is generated by plot.py at 2019-03-18 21:23:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 33.314 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 33.314 ms
Loss rate: 0.02%

Run 3: Report of TCP Cubic — Data Link

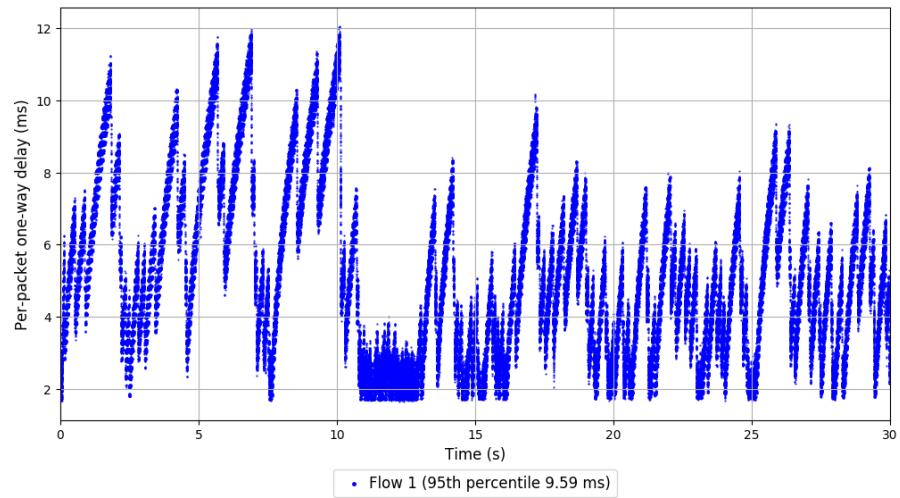
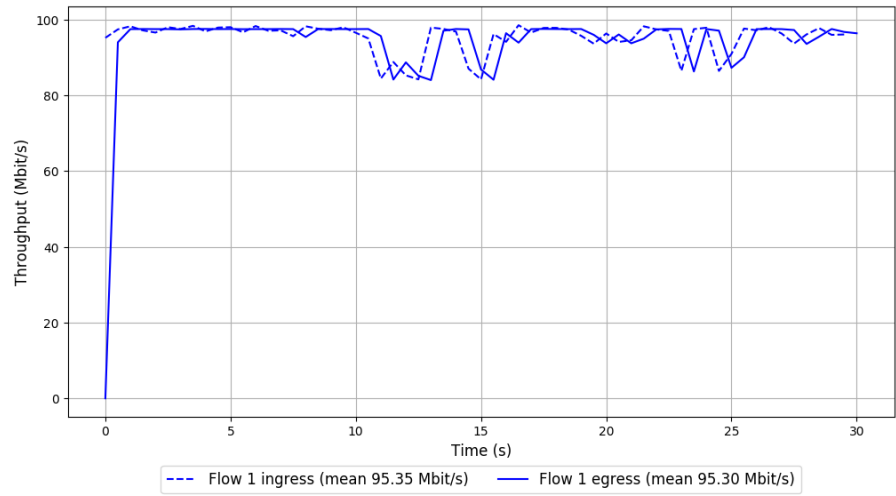


Run 4: Statistics of TCP Cubic

Start at: 2019-03-18 20:52:11
End at: 2019-03-18 20:52:41
Local clock offset: -3.842 ms
Remote clock offset: -0.038 ms

Below is generated by plot.py at 2019-03-18 21:24:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.30 Mbit/s
95th percentile per-packet one-way delay: 9.592 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 95.30 Mbit/s
95th percentile per-packet one-way delay: 9.592 ms
Loss rate: 0.05%

Run 4: Report of TCP Cubic — Data Link

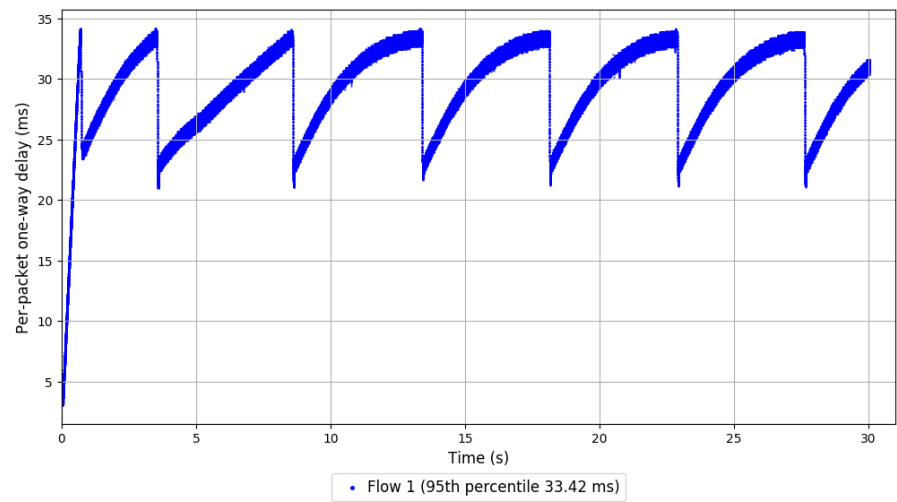
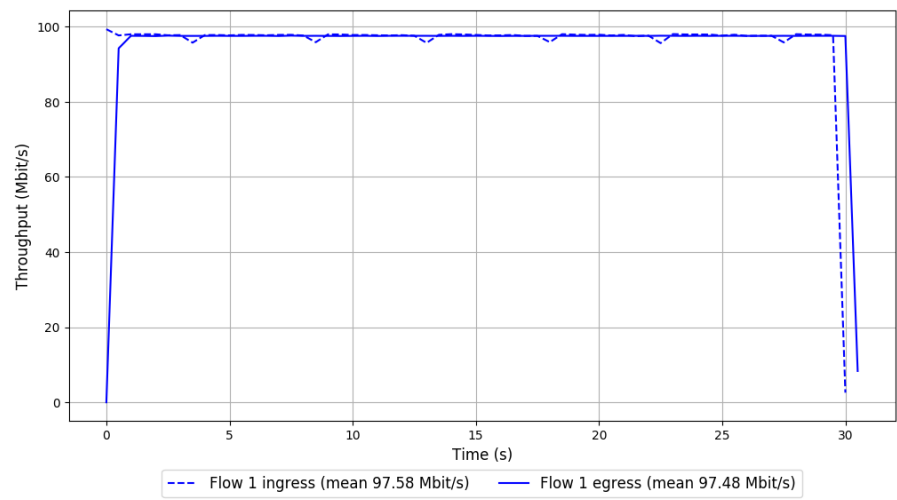


Run 5: Statistics of TCP Cubic

Start at: 2019-03-18 21:15:36
End at: 2019-03-18 21:16:06
Local clock offset: -1.103 ms
Remote clock offset: -0.048 ms

Below is generated by plot.py at 2019-03-18 21:24:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 33.419 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 33.419 ms
Loss rate: 0.01%

Run 5: Report of TCP Cubic — Data Link

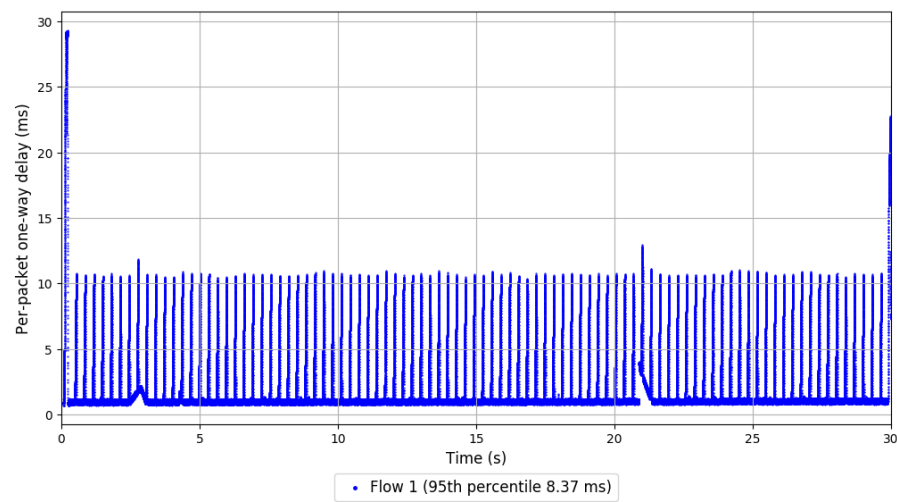
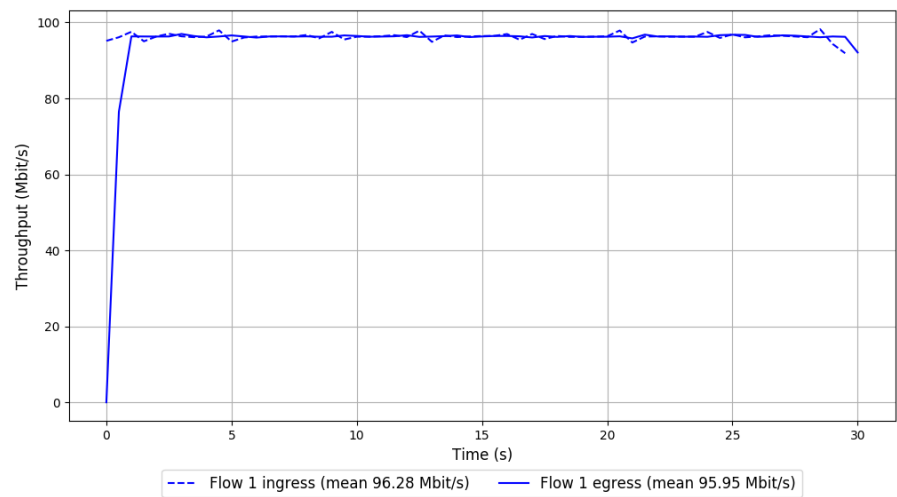


Run 1: Statistics of FillP

Start at: 2019-03-18 19:36:18
End at: 2019-03-18 19:36:48
Local clock offset: 1.737 ms
Remote clock offset: -0.005 ms

Below is generated by plot.py at 2019-03-18 21:24:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.95 Mbit/s
95th percentile per-packet one-way delay: 8.374 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 95.95 Mbit/s
95th percentile per-packet one-way delay: 8.374 ms
Loss rate: 0.32%

Run 1: Report of FillP — Data Link

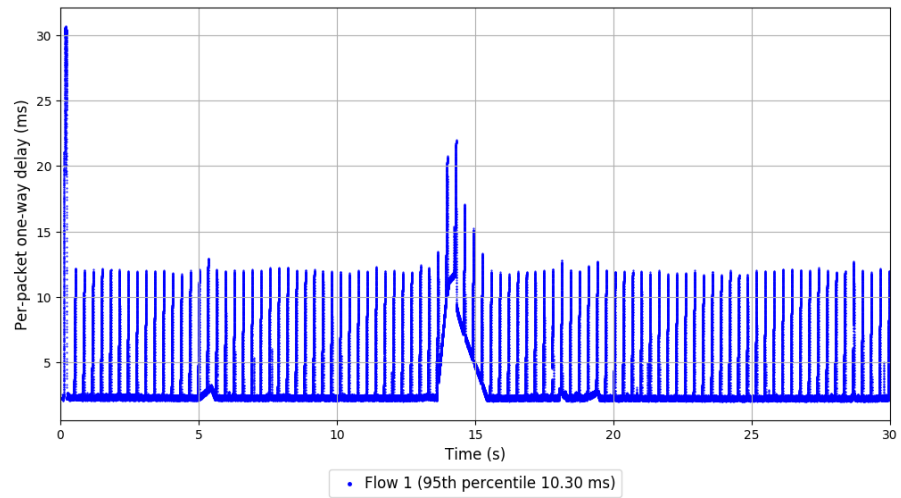
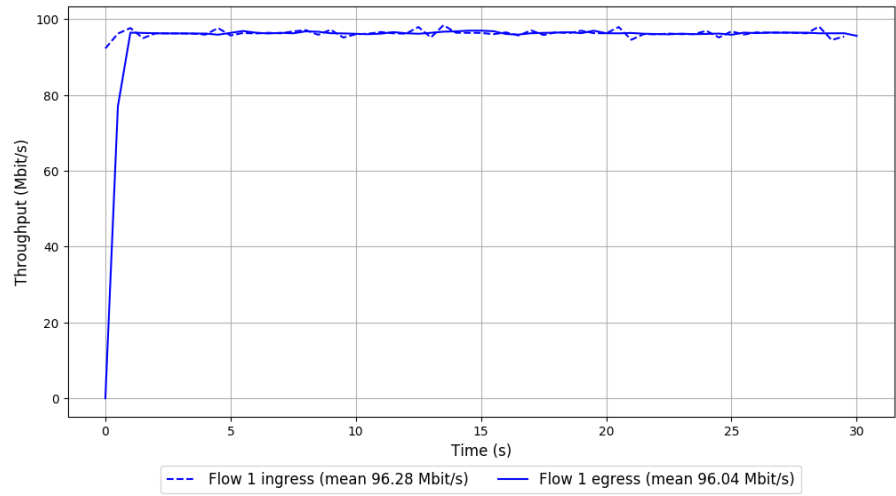


Run 2: Statistics of FillP

Start at: 2019-03-18 19:59:45
End at: 2019-03-18 20:00:15
Local clock offset: -2.838 ms
Remote clock offset: -0.015 ms

Below is generated by plot.py at 2019-03-18 21:24:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.04 Mbit/s
95th percentile per-packet one-way delay: 10.303 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 96.04 Mbit/s
95th percentile per-packet one-way delay: 10.303 ms
Loss rate: 0.26%

Run 2: Report of FillP — Data Link

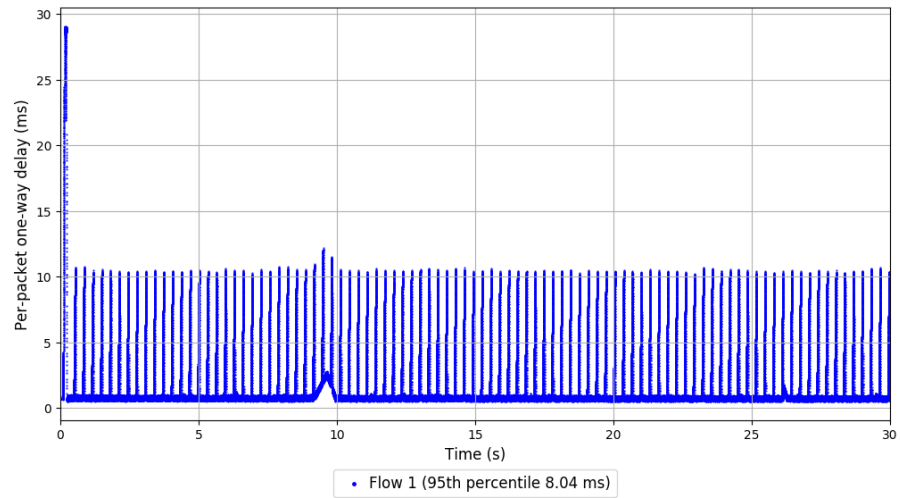
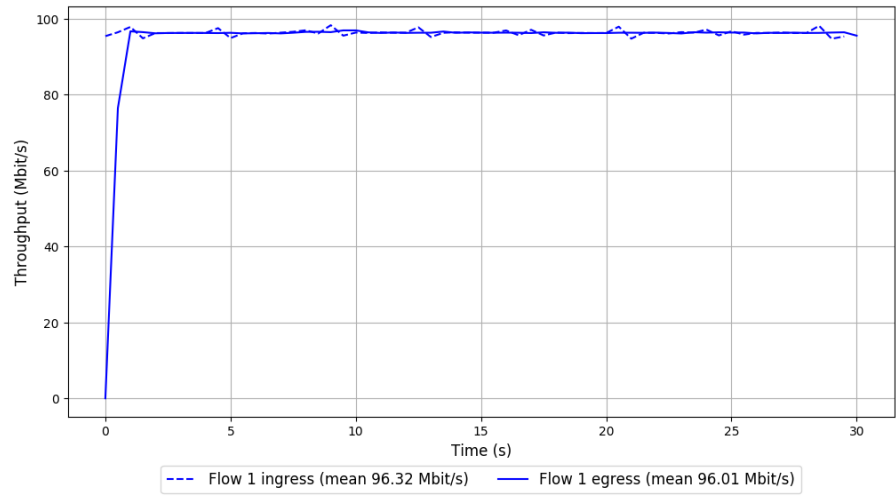


Run 3: Statistics of FillP

Start at: 2019-03-18 20:23:10
End at: 2019-03-18 20:23:40
Local clock offset: -4.416 ms
Remote clock offset: -0.056 ms

Below is generated by plot.py at 2019-03-18 21:24:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.01 Mbit/s
95th percentile per-packet one-way delay: 8.036 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 96.01 Mbit/s
95th percentile per-packet one-way delay: 8.036 ms
Loss rate: 0.32%

Run 3: Report of FillP — Data Link

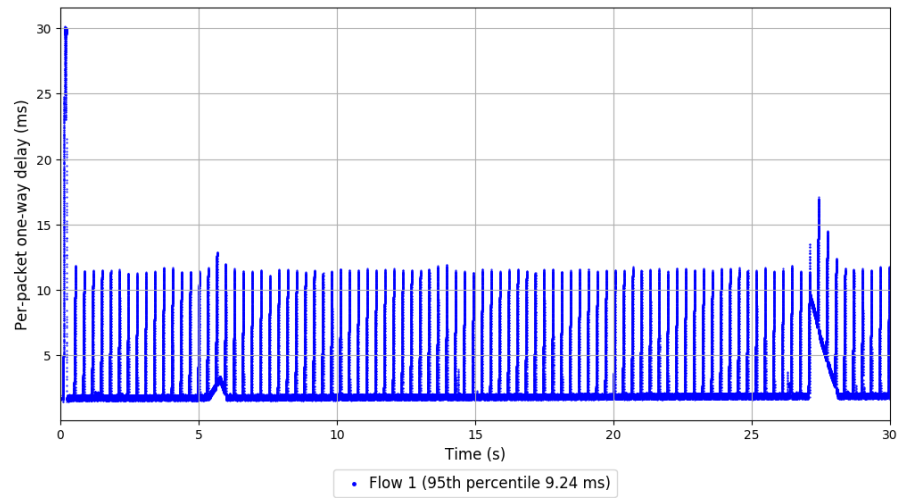
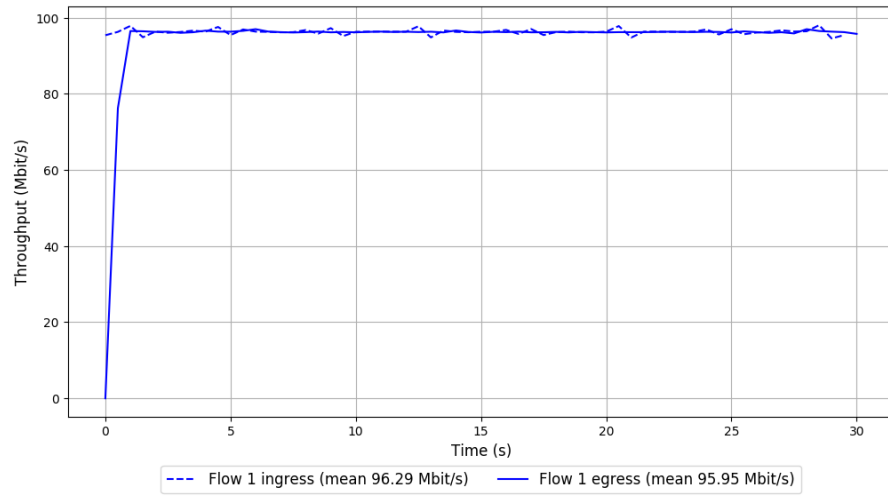


Run 4: Statistics of FillP

Start at: 2019-03-18 20:46:36
End at: 2019-03-18 20:47:06
Local clock offset: -5.478 ms
Remote clock offset: -0.146 ms

Below is generated by plot.py at 2019-03-18 21:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.95 Mbit/s
95th percentile per-packet one-way delay: 9.245 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 95.95 Mbit/s
95th percentile per-packet one-way delay: 9.245 ms
Loss rate: 0.36%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2019-03-18 21:10:00

End at: 2019-03-18 21:10:30

Local clock offset: -1.549 ms

Remote clock offset: 0.009 ms

Below is generated by plot.py at 2019-03-18 21:24:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.03 Mbit/s

95th percentile per-packet one-way delay: 10.053 ms

Loss rate: 0.31%

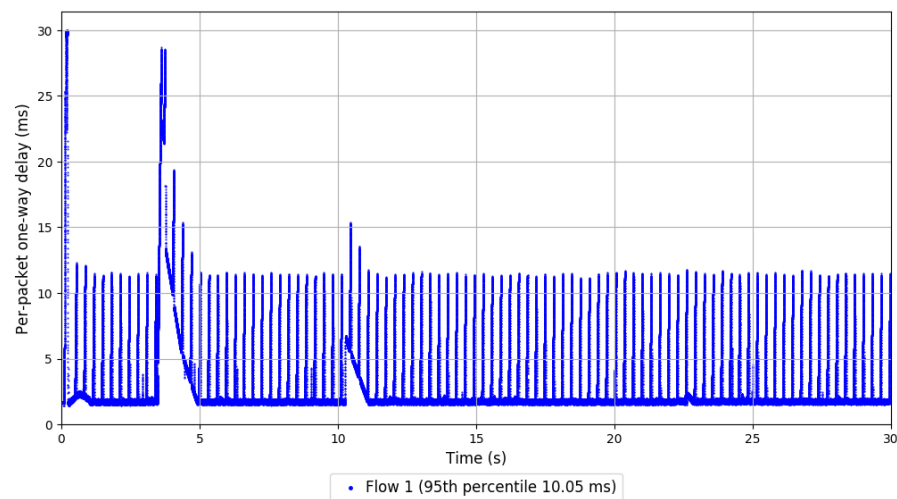
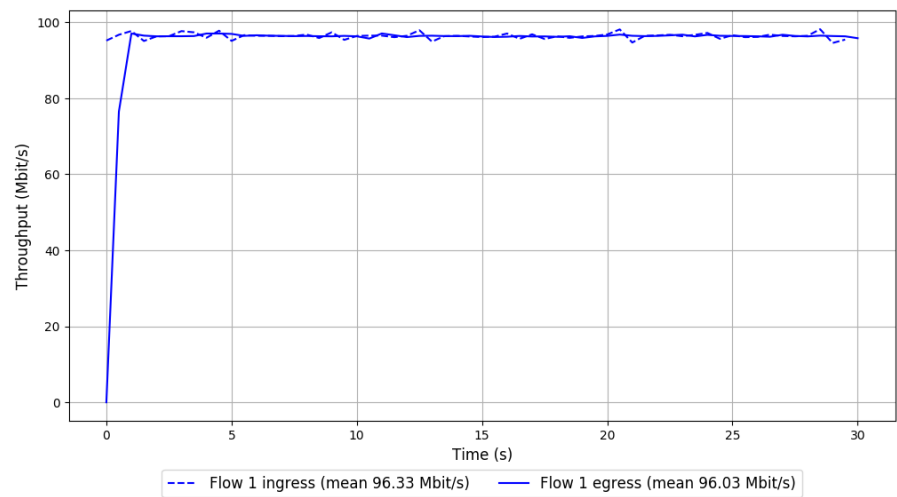
-- Flow 1:

Average throughput: 96.03 Mbit/s

95th percentile per-packet one-way delay: 10.053 ms

Loss rate: 0.31%

Run 5: Report of FillP — Data Link

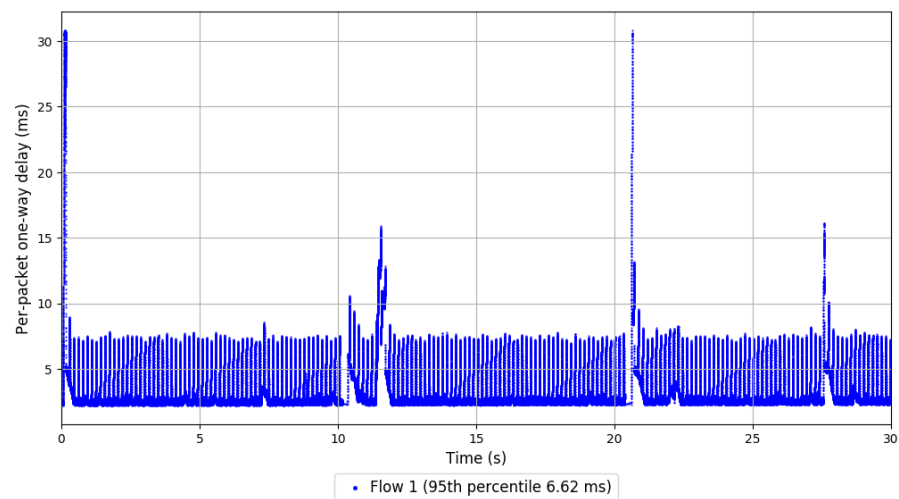
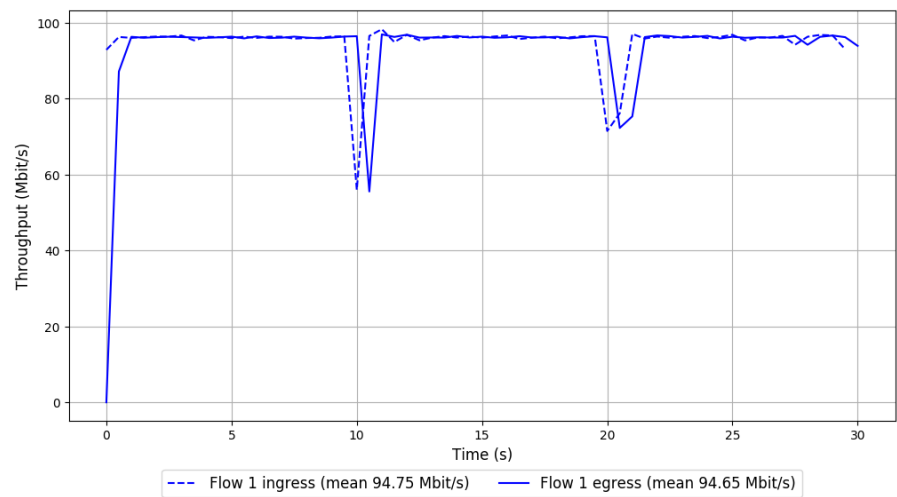


Run 1: Statistics of FillP-Sheep

Start at: 2019-03-18 19:31:49
End at: 2019-03-18 19:32:19
Local clock offset: 0.952 ms
Remote clock offset: -0.112 ms

Below is generated by plot.py at 2019-03-18 21:24:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.65 Mbit/s
95th percentile per-packet one-way delay: 6.623 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 94.65 Mbit/s
95th percentile per-packet one-way delay: 6.623 ms
Loss rate: 0.10%

Run 1: Report of FillP-Sheep — Data Link



Run 2: Statistics of FillP-Sheep

Start at: 2019-03-18 19:55:16

End at: 2019-03-18 19:55:46

Local clock offset: -2.553 ms

Remote clock offset: 0.003 ms

Below is generated by plot.py at 2019-03-18 21:25:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.76 Mbit/s

95th percentile per-packet one-way delay: 7.221 ms

Loss rate: 0.09%

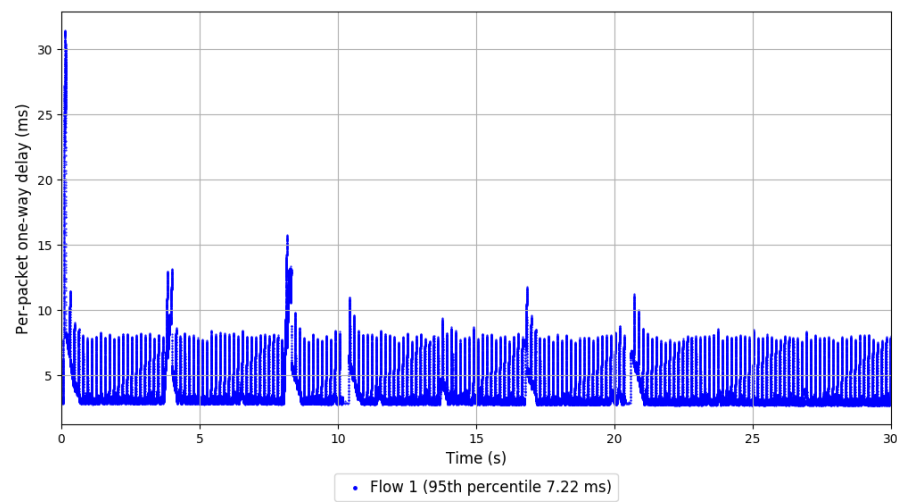
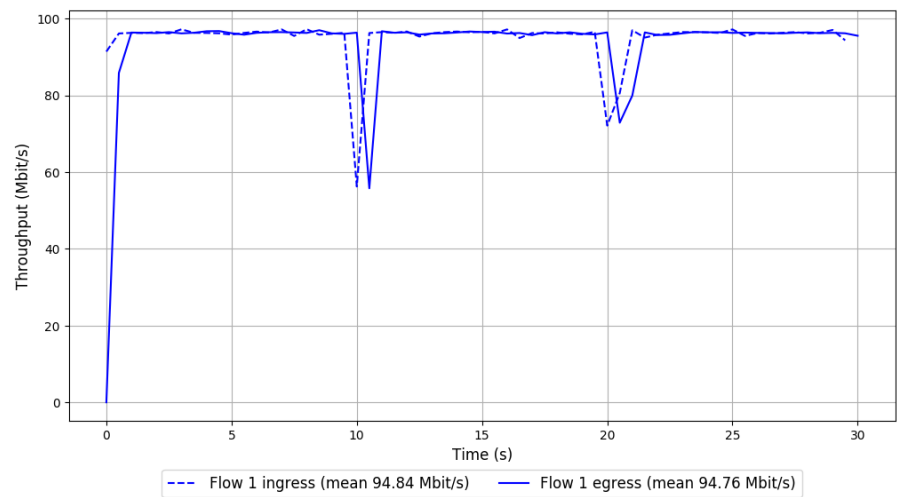
-- Flow 1:

Average throughput: 94.76 Mbit/s

95th percentile per-packet one-way delay: 7.221 ms

Loss rate: 0.09%

Run 2: Report of FillP-Sheep — Data Link



Run 3: Statistics of FillP-Sheep

Start at: 2019-03-18 20:18:41

End at: 2019-03-18 20:19:11

Local clock offset: -3.904 ms

Remote clock offset: 0.054 ms

Below is generated by plot.py at 2019-03-18 21:25:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.68 Mbit/s

95th percentile per-packet one-way delay: 5.107 ms

Loss rate: 0.07%

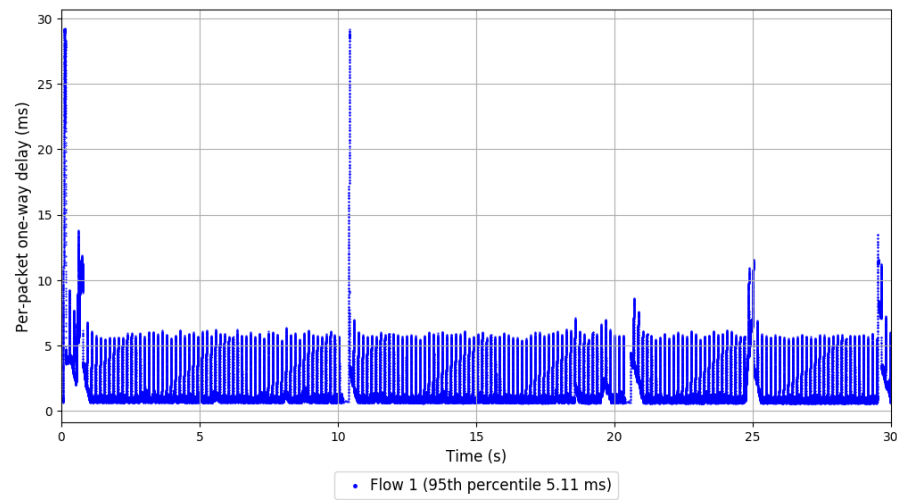
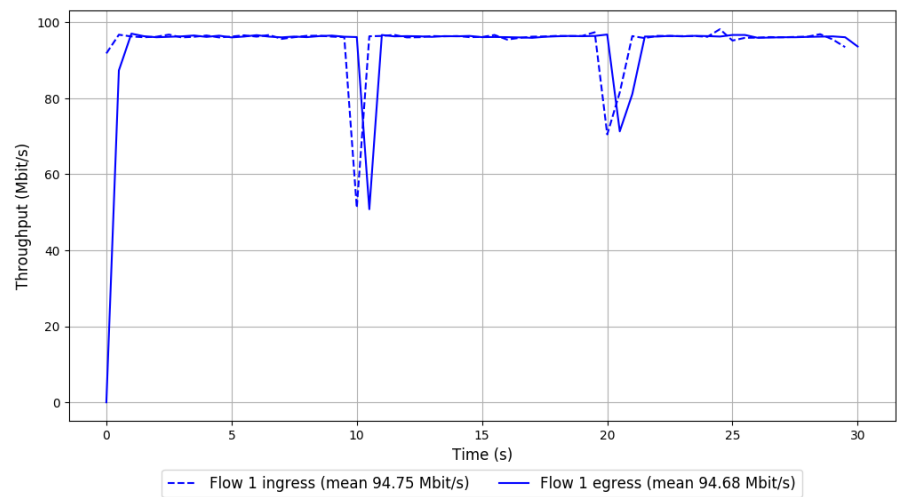
-- Flow 1:

Average throughput: 94.68 Mbit/s

95th percentile per-packet one-way delay: 5.107 ms

Loss rate: 0.07%

Run 3: Report of FillP-Sheep — Data Link

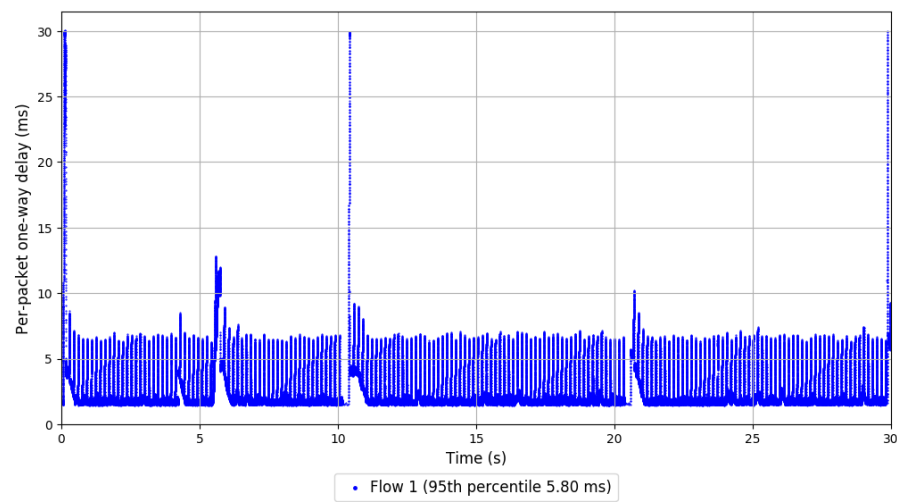
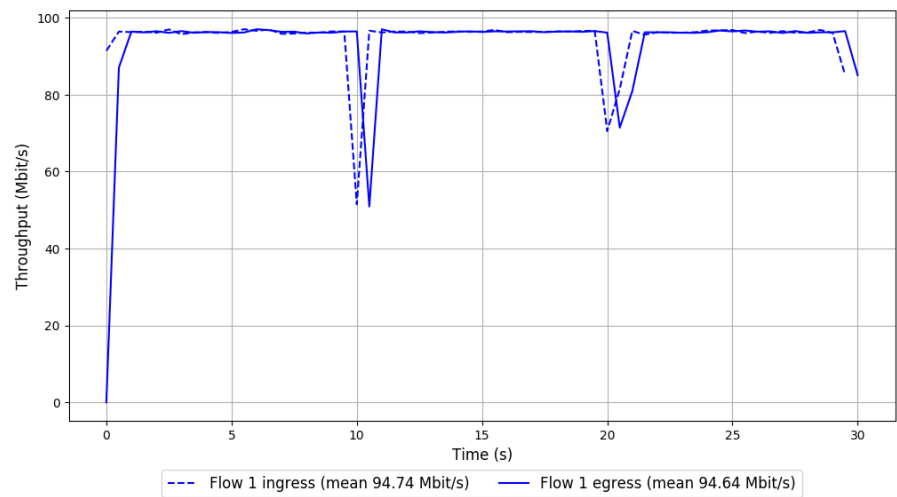


Run 4: Statistics of FillP-Sheep

Start at: 2019-03-18 20:42:07
End at: 2019-03-18 20:42:37
Local clock offset: -5.588 ms
Remote clock offset: -0.036 ms

Below is generated by plot.py at 2019-03-18 21:26:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.64 Mbit/s
95th percentile per-packet one-way delay: 5.797 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 94.64 Mbit/s
95th percentile per-packet one-way delay: 5.797 ms
Loss rate: 0.08%

Run 4: Report of FillP-Sheep — Data Link

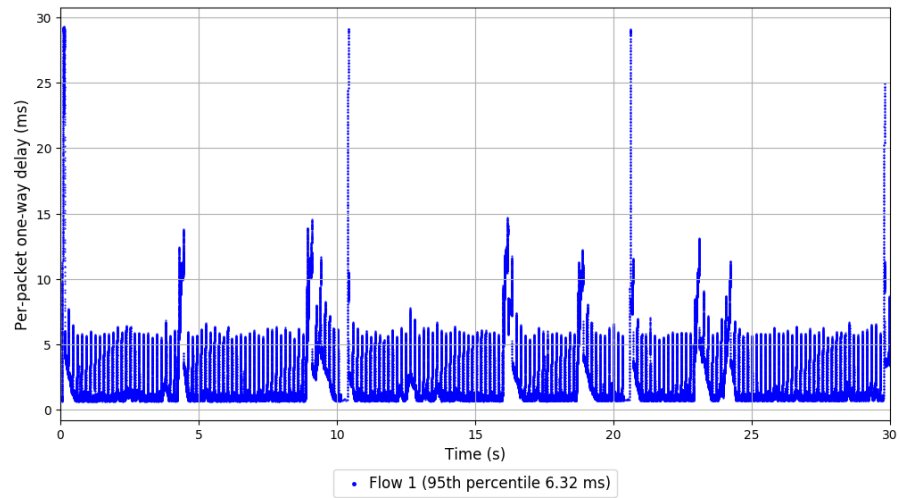
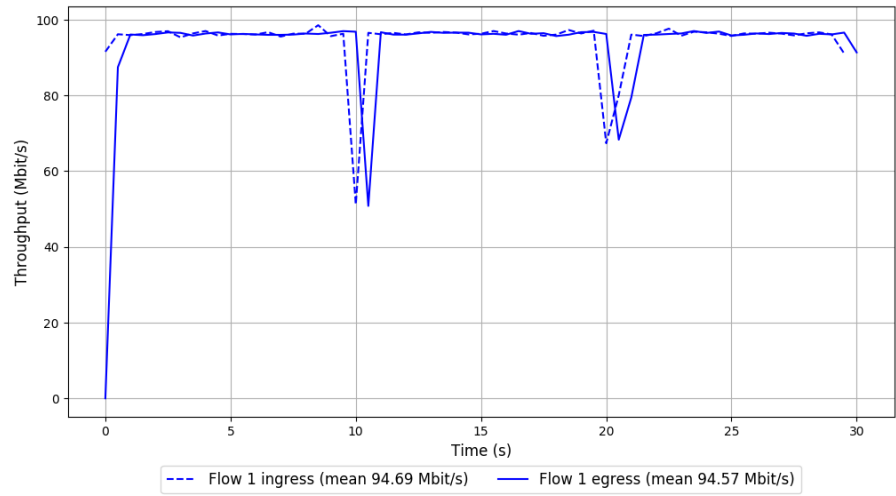


Run 5: Statistics of FillP-Sheep

Start at: 2019-03-18 21:05:31
End at: 2019-03-18 21:06:01
Local clock offset: -1.162 ms
Remote clock offset: -0.041 ms

Below is generated by plot.py at 2019-03-18 21:26:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.57 Mbit/s
95th percentile per-packet one-way delay: 6.319 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 94.57 Mbit/s
95th percentile per-packet one-way delay: 6.319 ms
Loss rate: 0.12%

Run 5: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

Start at: 2019-03-18 19:32:57

End at: 2019-03-18 19:33:27

Local clock offset: 1.159 ms

Remote clock offset: -0.068 ms

Below is generated by plot.py at 2019-03-18 21:26:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.38 Mbit/s

95th percentile per-packet one-way delay: 3.979 ms

Loss rate: 0.00%

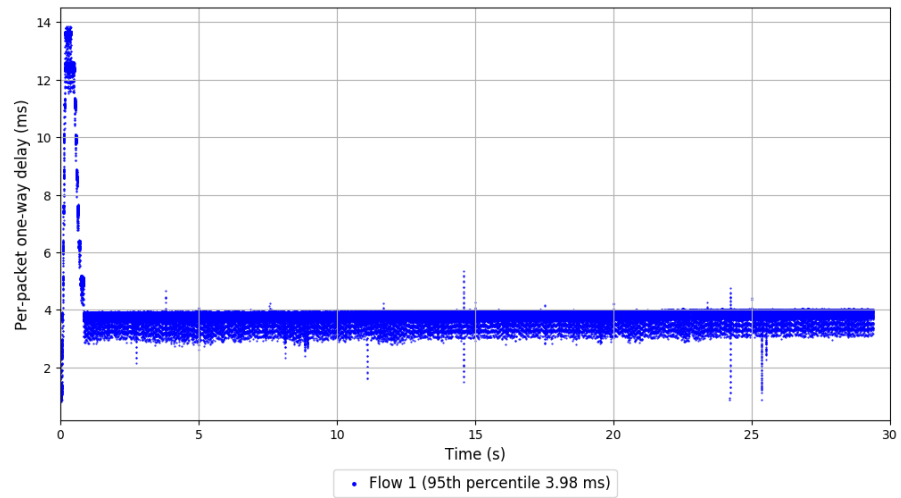
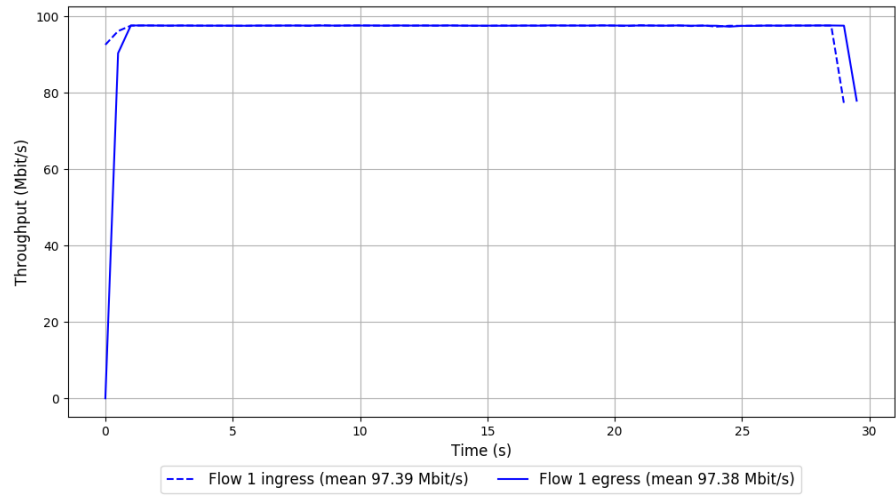
-- Flow 1:

Average throughput: 97.38 Mbit/s

95th percentile per-packet one-way delay: 3.979 ms

Loss rate: 0.00%

Run 1: Report of Indigo — Data Link

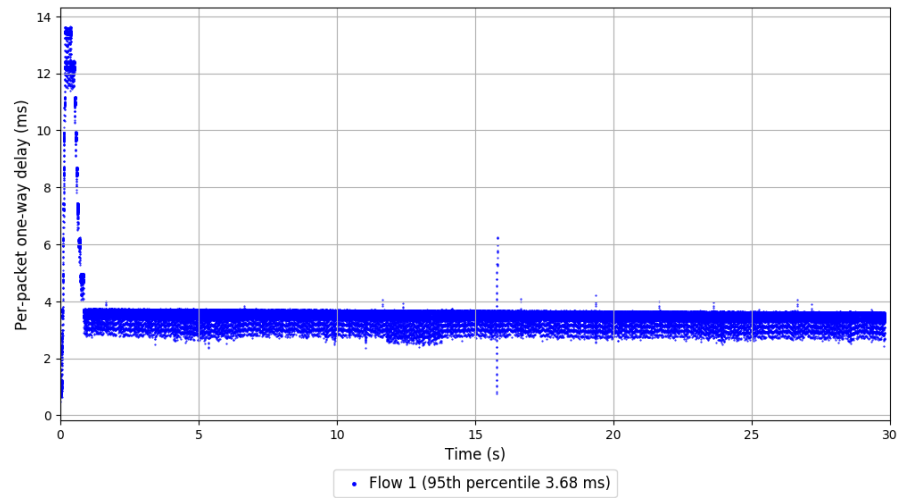
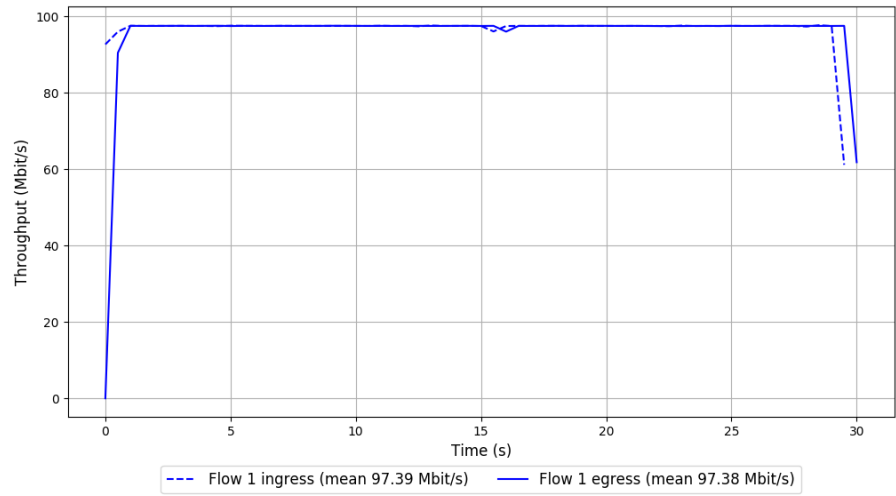


Run 2: Statistics of Indigo

Start at: 2019-03-18 19:56:23
End at: 2019-03-18 19:56:53
Local clock offset: -2.123 ms
Remote clock offset: -0.044 ms

Below is generated by plot.py at 2019-03-18 21:26:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 3.678 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 3.678 ms
Loss rate: 0.00%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2019-03-18 20:19:49

End at: 2019-03-18 20:20:19

Local clock offset: -4.81 ms

Remote clock offset: -0.08 ms

Below is generated by plot.py at 2019-03-18 21:26:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.32 Mbit/s

95th percentile per-packet one-way delay: 5.682 ms

Loss rate: 0.00%

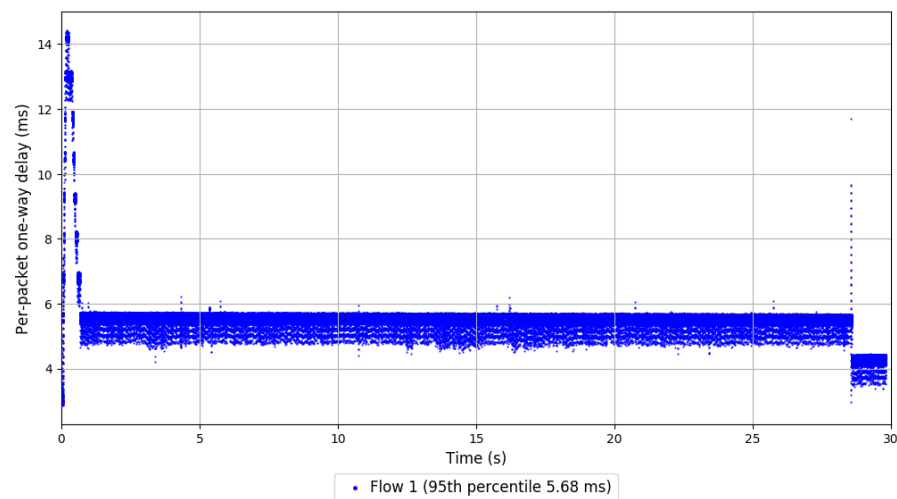
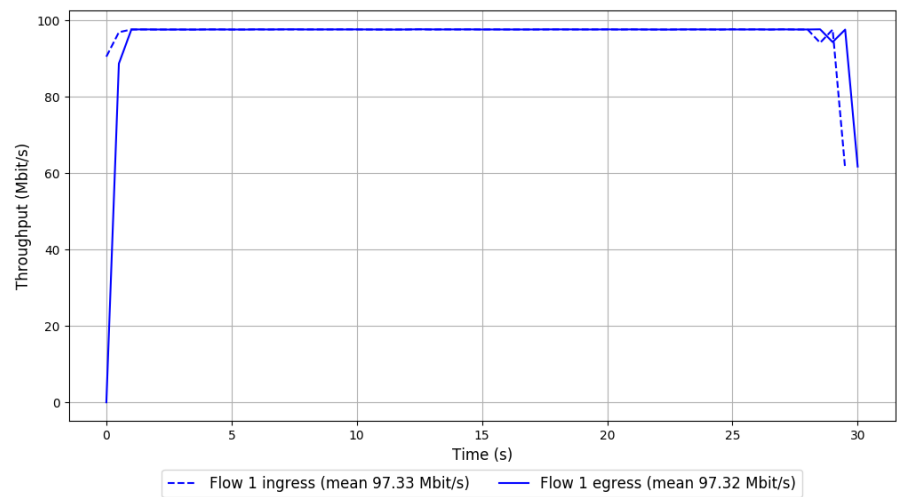
-- Flow 1:

Average throughput: 97.32 Mbit/s

95th percentile per-packet one-way delay: 5.682 ms

Loss rate: 0.00%

Run 3: Report of Indigo — Data Link

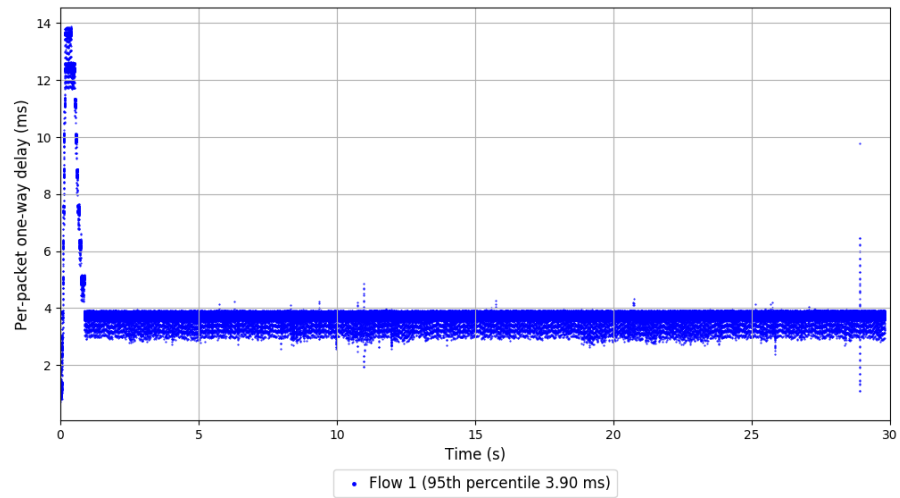
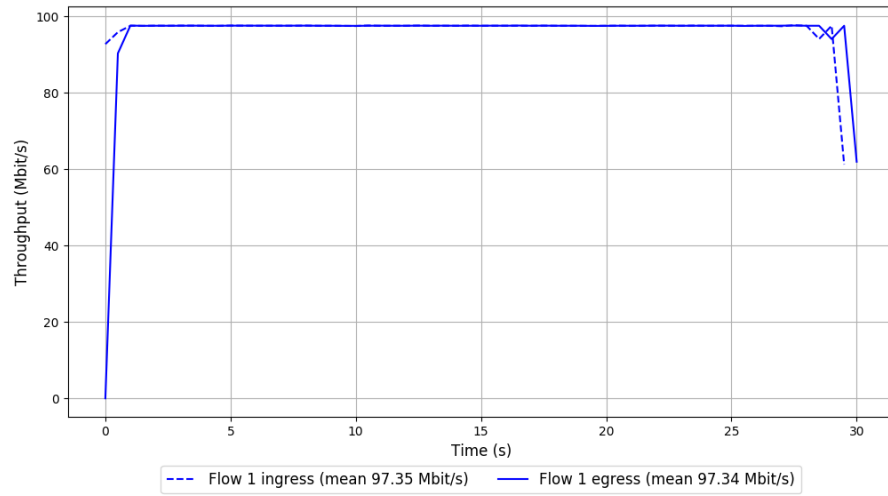


Run 4: Statistics of Indigo

Start at: 2019-03-18 20:43:14
End at: 2019-03-18 20:43:44
Local clock offset: -4.763 ms
Remote clock offset: -0.004 ms

Below is generated by plot.py at 2019-03-18 21:26:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.34 Mbit/s
95th percentile per-packet one-way delay: 3.895 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.34 Mbit/s
95th percentile per-packet one-way delay: 3.895 ms
Loss rate: 0.00%

Run 4: Report of Indigo — Data Link

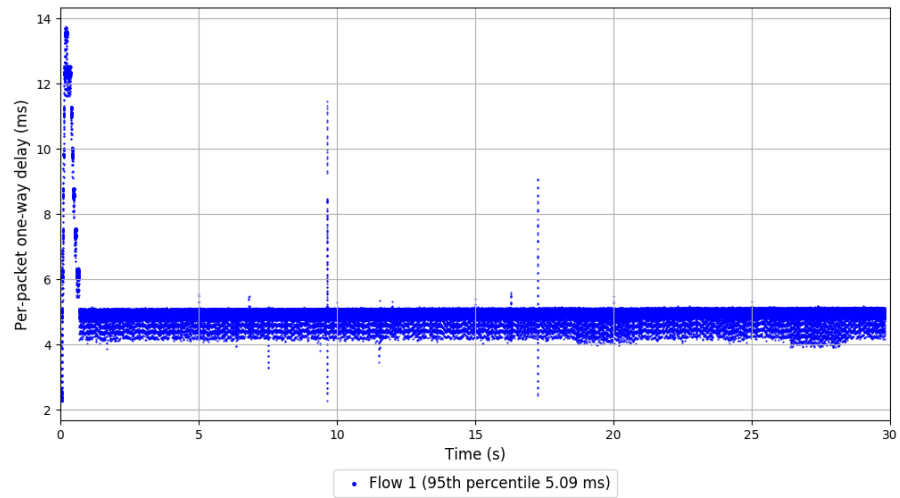
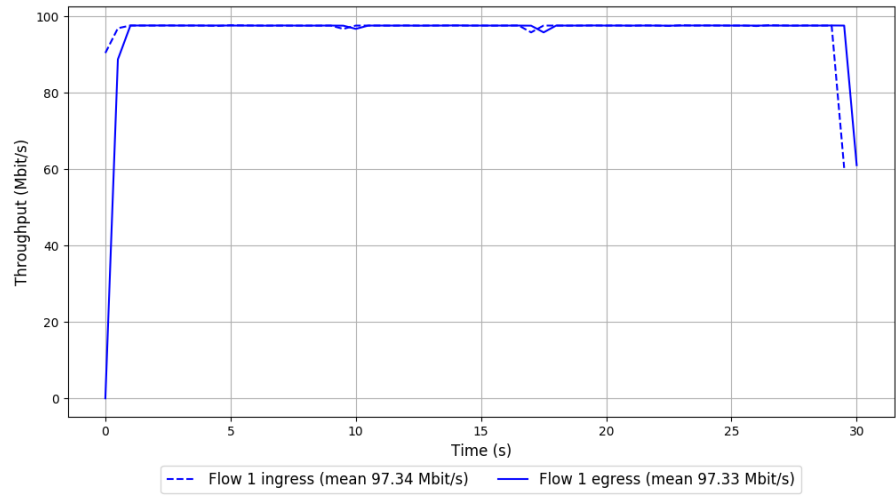


Run 5: Statistics of Indigo

Start at: 2019-03-18 21:06:38
End at: 2019-03-18 21:07:08
Local clock offset: -1.036 ms
Remote clock offset: -0.063 ms

Below is generated by plot.py at 2019-03-18 21:26:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.33 Mbit/s
95th percentile per-packet one-way delay: 5.095 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.33 Mbit/s
95th percentile per-packet one-way delay: 5.095 ms
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link



Run 1: Statistics of Indigo-MusesC3

Start at: 2019-03-18 19:34:06

End at: 2019-03-18 19:34:36

Local clock offset: 0.625 ms

Remote clock offset: -0.078 ms

Below is generated by plot.py at 2019-03-18 21:26:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.05 Mbit/s

95th percentile per-packet one-way delay: 3.914 ms

Loss rate: 0.05%

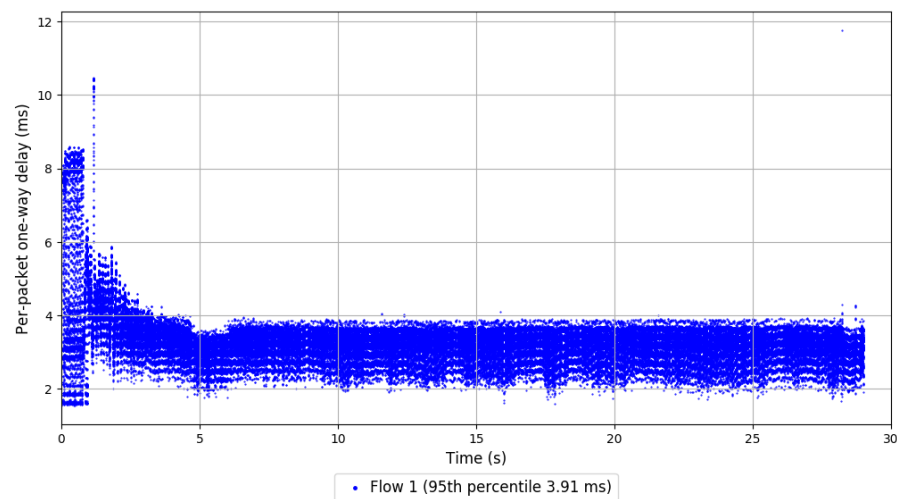
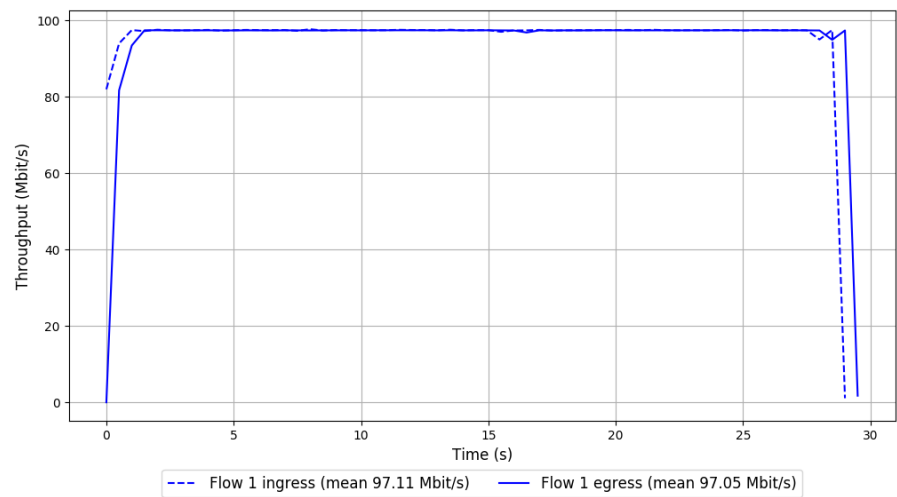
-- Flow 1:

Average throughput: 97.05 Mbit/s

95th percentile per-packet one-way delay: 3.914 ms

Loss rate: 0.05%

Run 1: Report of Indigo-MusesC3 — Data Link

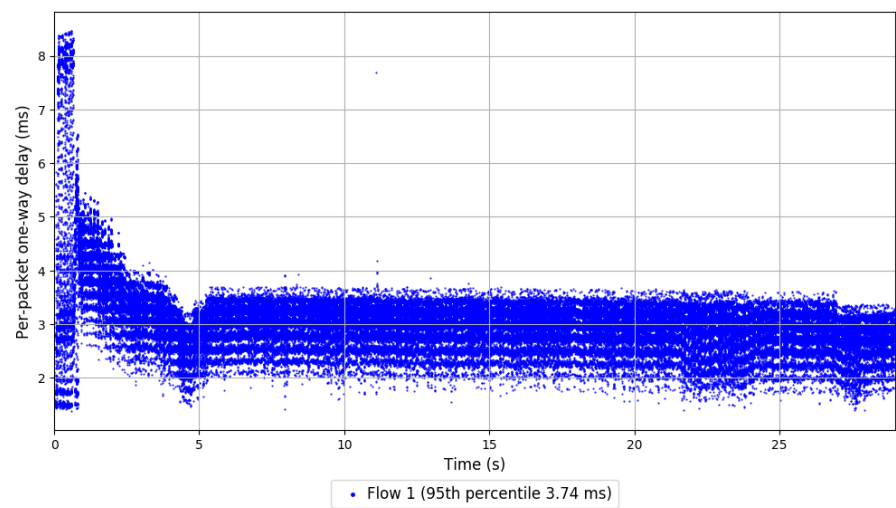
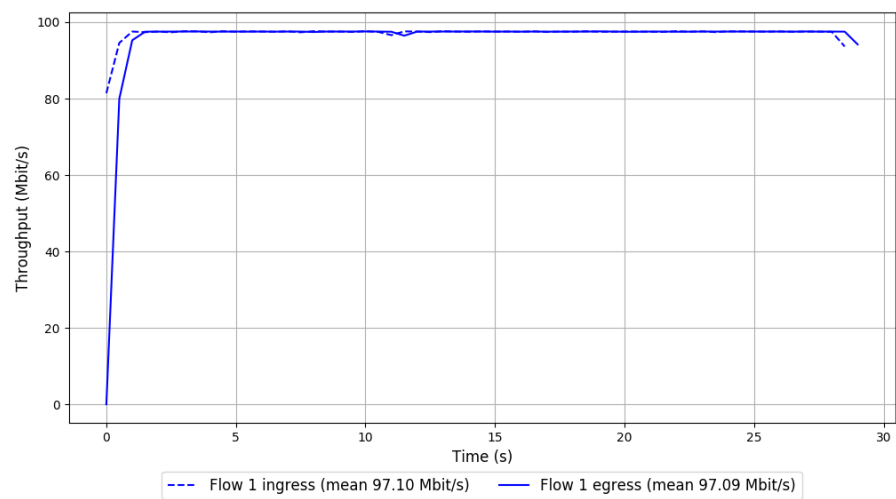


Run 2: Statistics of Indigo-MusesC3

Start at: 2019-03-18 19:57:33
End at: 2019-03-18 19:58:03
Local clock offset: -3.12 ms
Remote clock offset: -0.005 ms

Below is generated by plot.py at 2019-03-18 21:26:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 3.743 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 3.743 ms
Loss rate: 0.00%

Run 2: Report of Indigo-MusesC3 — Data Link

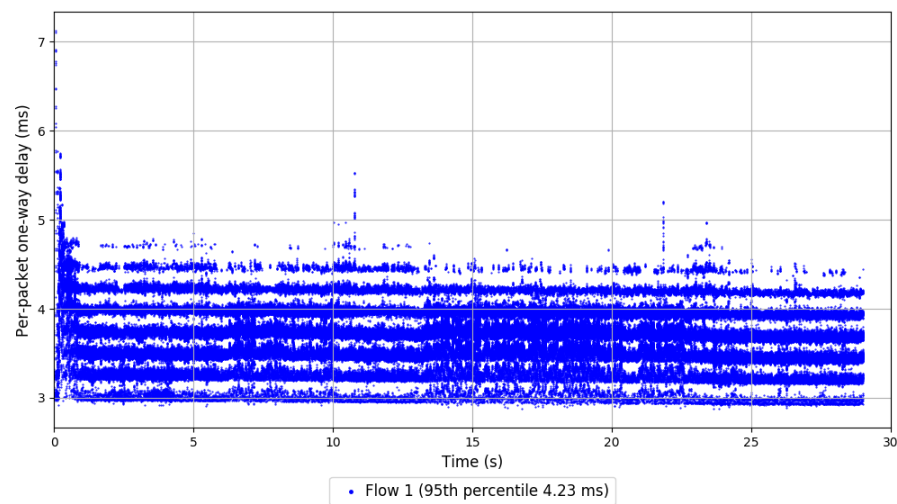
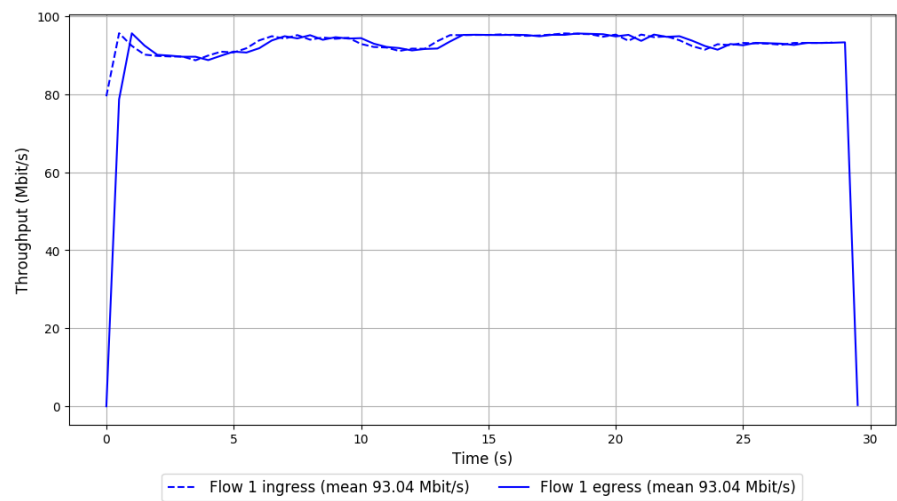


Run 3: Statistics of Indigo-MusesC3

Start at: 2019-03-18 20:20:58
End at: 2019-03-18 20:21:28
Local clock offset: -4.971 ms
Remote clock offset: -0.051 ms

Below is generated by plot.py at 2019-03-18 21:26:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.04 Mbit/s
95th percentile per-packet one-way delay: 4.232 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 93.04 Mbit/s
95th percentile per-packet one-way delay: 4.232 ms
Loss rate: 0.01%

Run 3: Report of Indigo-MusesC3 — Data Link

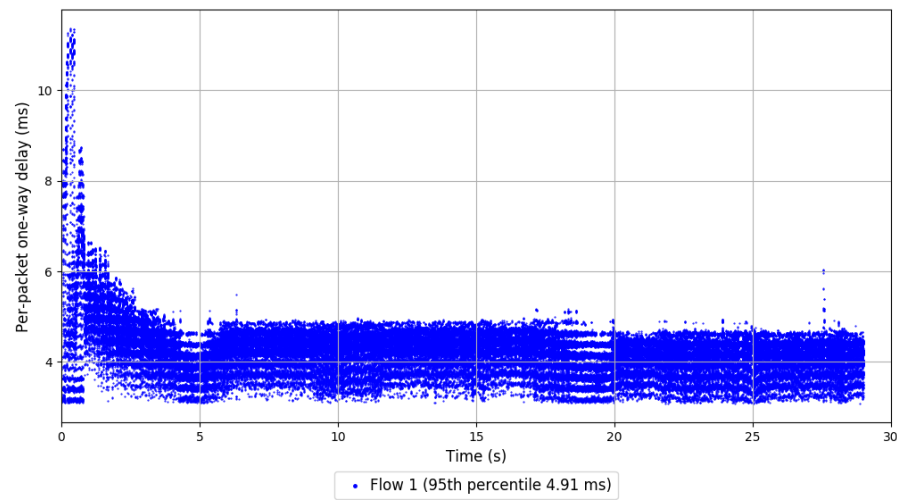
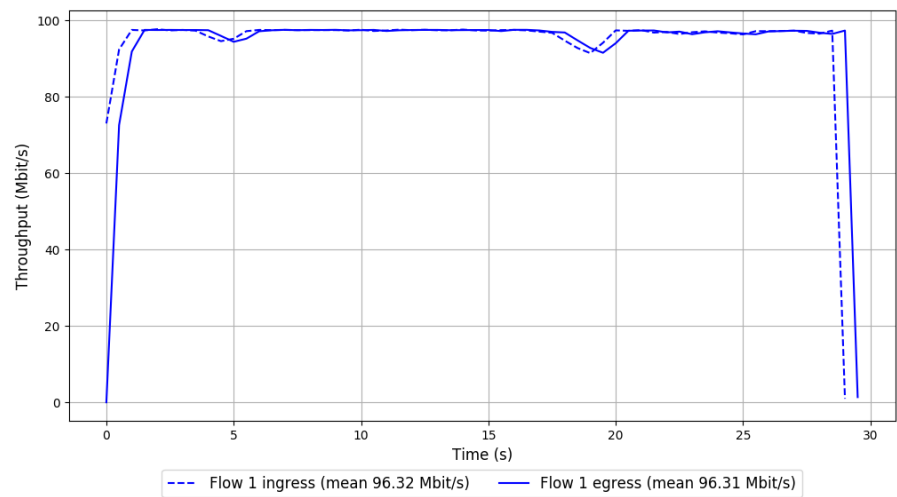


Run 4: Statistics of Indigo-MusesC3

Start at: 2019-03-18 20:44:24
End at: 2019-03-18 20:44:54
Local clock offset: -5.561 ms
Remote clock offset: -0.064 ms

Below is generated by plot.py at 2019-03-18 21:26:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.31 Mbit/s
95th percentile per-packet one-way delay: 4.914 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 96.31 Mbit/s
95th percentile per-packet one-way delay: 4.914 ms
Loss rate: 0.01%

Run 4: Report of Indigo-MusesC3 — Data Link

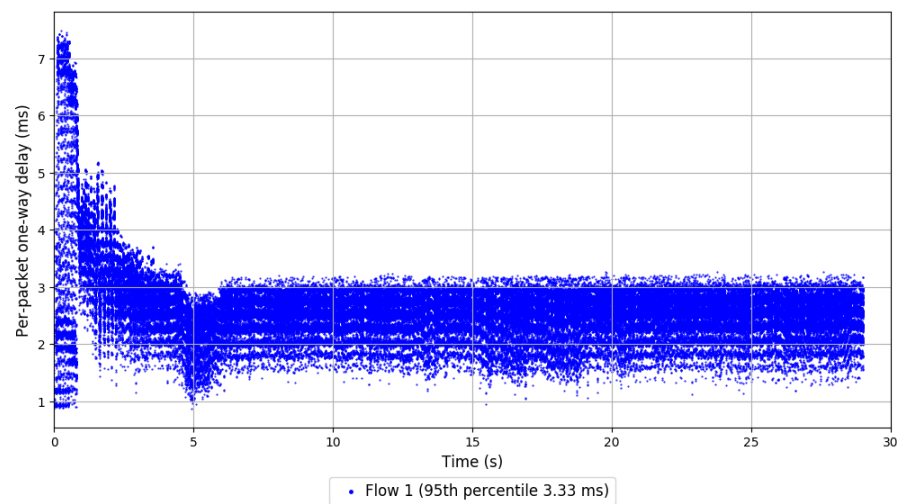
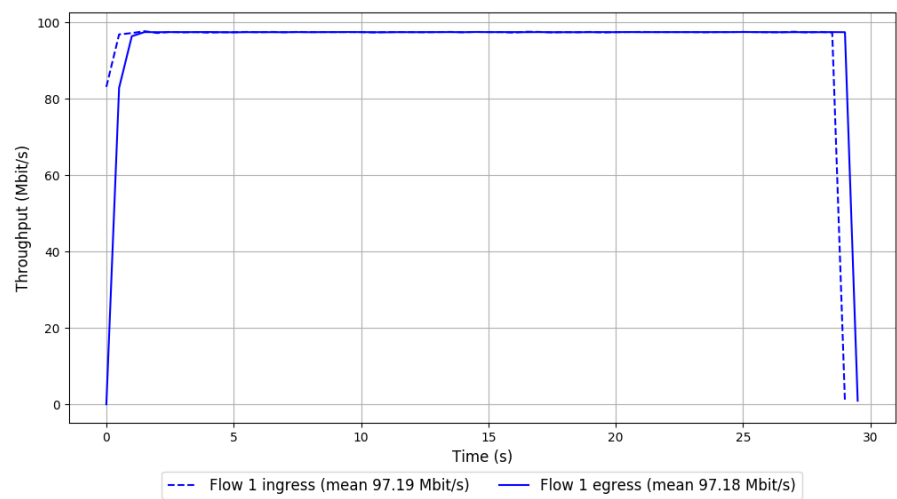


Run 5: Statistics of Indigo-MusesC3

Start at: 2019-03-18 21:07:48
End at: 2019-03-18 21:08:18
Local clock offset: -0.996 ms
Remote clock offset: -0.005 ms

Below is generated by plot.py at 2019-03-18 21:27:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 3.333 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 3.333 ms
Loss rate: 0.00%

Run 5: Report of Indigo-MusesC3 — Data Link



Run 1: Statistics of Indigo-MusesC5

Start at: 2019-03-18 19:26:17

End at: 2019-03-18 19:26:47

Local clock offset: -0.44 ms

Remote clock offset: -0.028 ms

Below is generated by plot.py at 2019-03-18 21:27:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.36 Mbit/s

95th percentile per-packet one-way delay: 4.408 ms

Loss rate: 0.00%

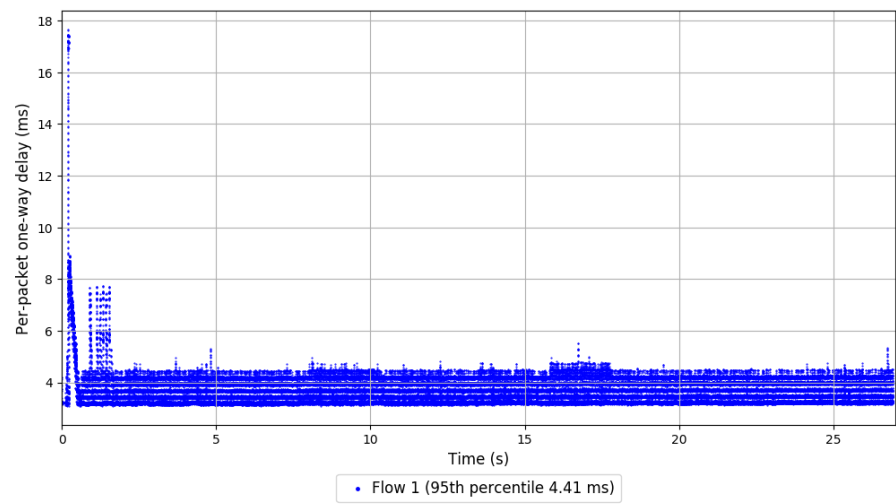
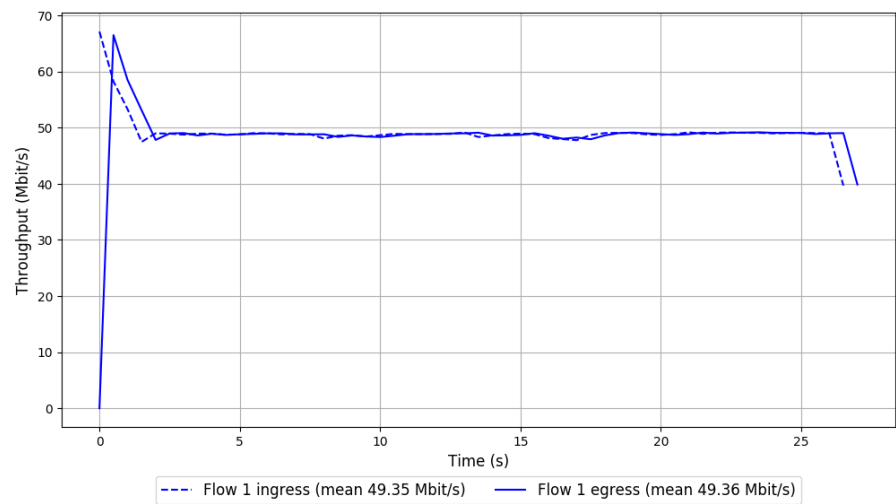
-- Flow 1:

Average throughput: 49.36 Mbit/s

95th percentile per-packet one-way delay: 4.408 ms

Loss rate: 0.00%

Run 1: Report of Indigo-MusesC5 — Data Link

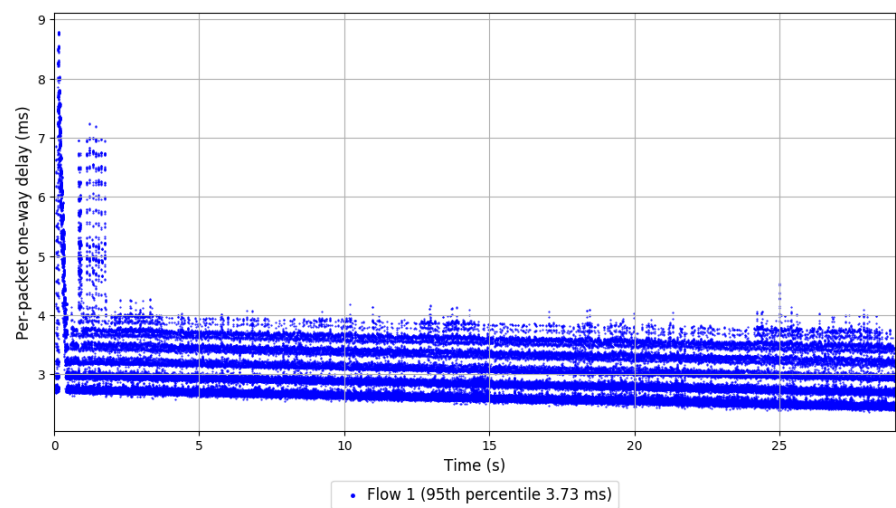
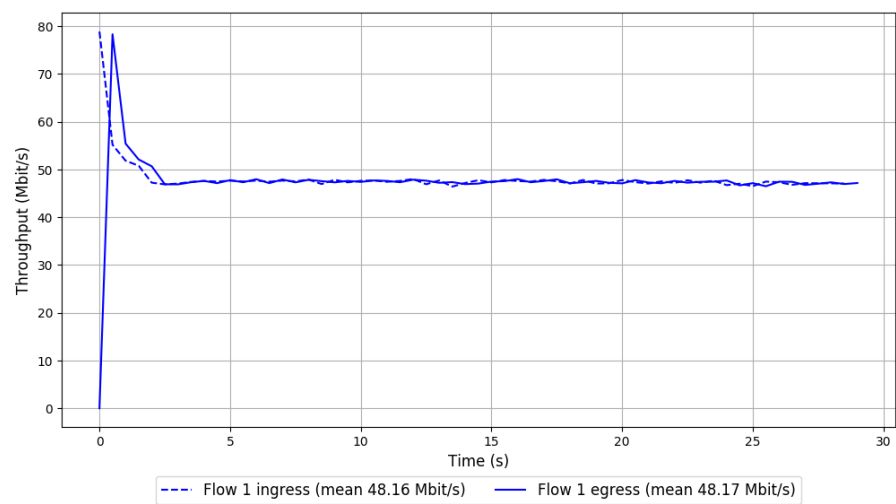


Run 2: Statistics of Indigo-MusesC5

Start at: 2019-03-18 19:49:41
End at: 2019-03-18 19:50:11
Local clock offset: 0.114 ms
Remote clock offset: -0.013 ms

Below is generated by plot.py at 2019-03-18 21:27:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 48.17 Mbit/s
95th percentile per-packet one-way delay: 3.728 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 48.17 Mbit/s
95th percentile per-packet one-way delay: 3.728 ms
Loss rate: 0.00%

Run 2: Report of Indigo-MusesC5 — Data Link



Run 3: Statistics of Indigo-MusesC5

Start at: 2019-03-18 20:13:08

End at: 2019-03-18 20:13:38

Local clock offset: -4.284 ms

Remote clock offset: 0.001 ms

Below is generated by plot.py at 2019-03-18 21:27:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 60.65 Mbit/s

95th percentile per-packet one-way delay: 4.577 ms

Loss rate: 0.00%

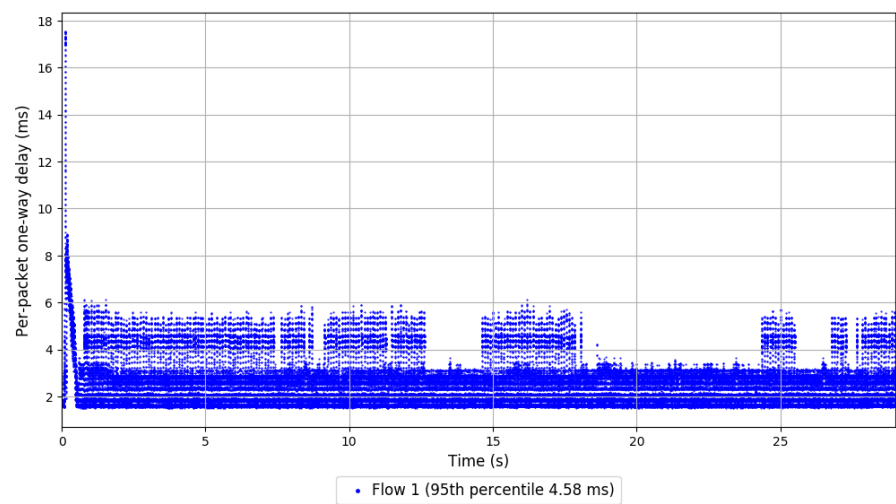
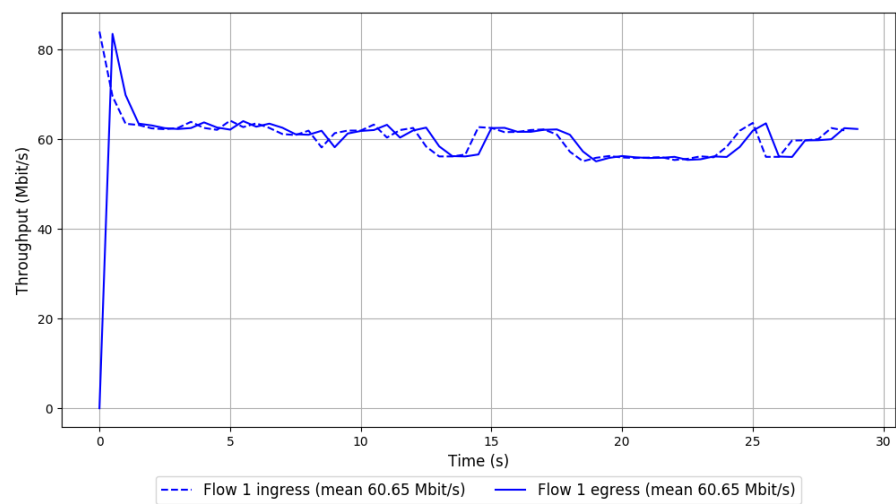
-- Flow 1:

Average throughput: 60.65 Mbit/s

95th percentile per-packet one-way delay: 4.577 ms

Loss rate: 0.00%

Run 3: Report of Indigo-MusesC5 — Data Link

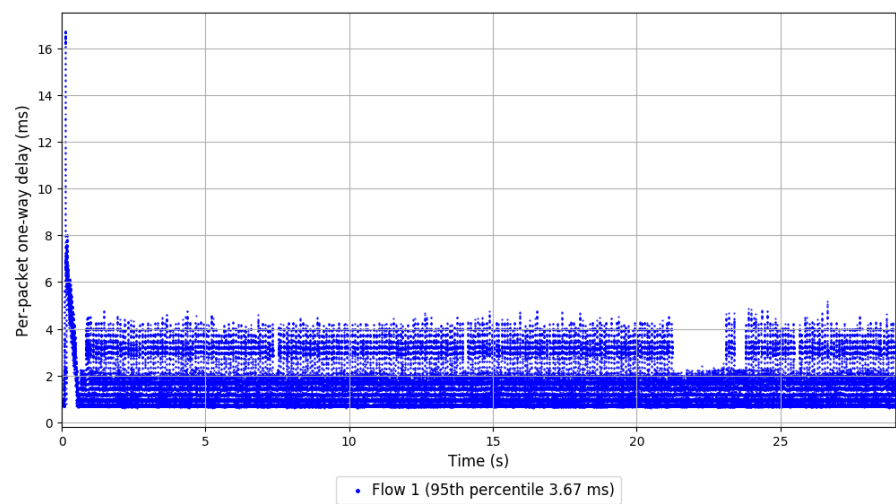
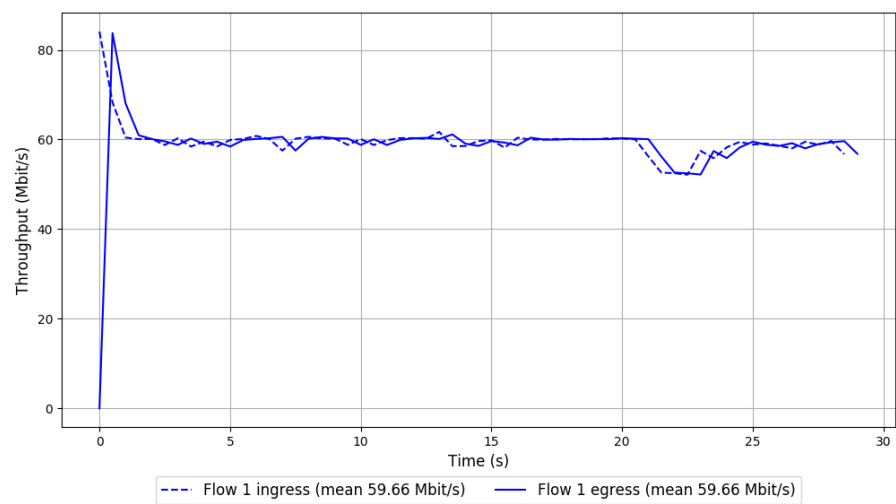


Run 4: Statistics of Indigo-MusesC5

Start at: 2019-03-18 20:36:33
End at: 2019-03-18 20:37:03
Local clock offset: -4.798 ms
Remote clock offset: -0.115 ms

Below is generated by plot.py at 2019-03-18 21:27:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 59.66 Mbit/s
95th percentile per-packet one-way delay: 3.667 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.66 Mbit/s
95th percentile per-packet one-way delay: 3.667 ms
Loss rate: 0.00%

Run 4: Report of Indigo-MusesC5 — Data Link

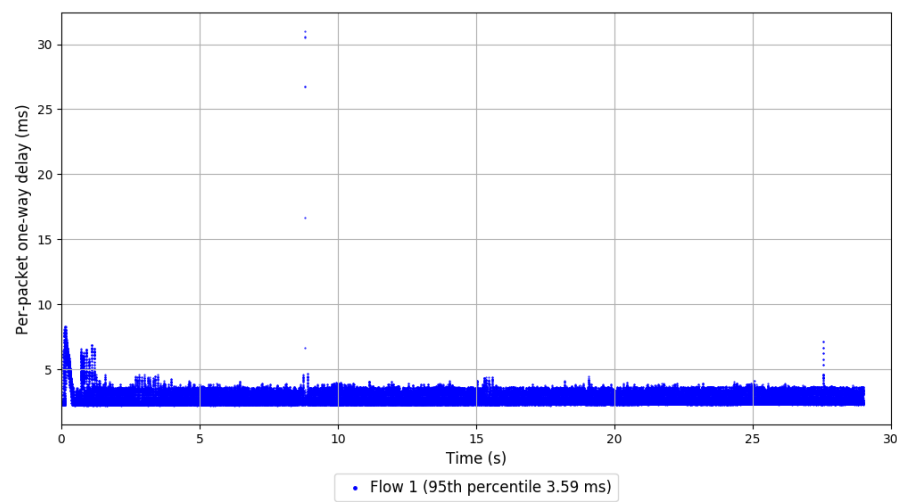
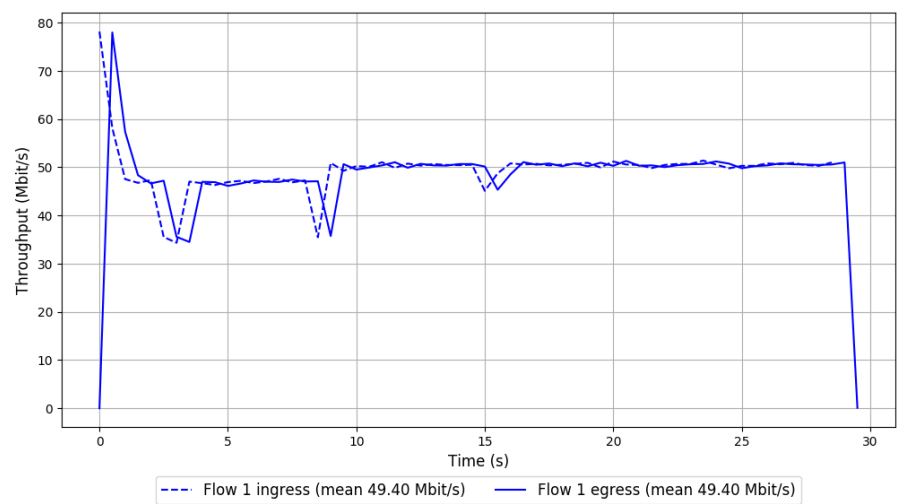


Run 5: Statistics of Indigo-MusesC5

Start at: 2019-03-18 20:59:58
End at: 2019-03-18 21:00:28
Local clock offset: -1.756 ms
Remote clock offset: -0.089 ms

Below is generated by plot.py at 2019-03-18 21:27:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.40 Mbit/s
95th percentile per-packet one-way delay: 3.593 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.40 Mbit/s
95th percentile per-packet one-way delay: 3.593 ms
Loss rate: 0.00%

Run 5: Report of Indigo-MusesC5 — Data Link



Run 1: Statistics of Indigo-MusesD

Start at: 2019-03-18 19:39:38

End at: 2019-03-18 19:40:08

Local clock offset: 2.257 ms

Remote clock offset: -0.105 ms

Below is generated by plot.py at 2019-03-18 21:27:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.73 Mbit/s

95th percentile per-packet one-way delay: 4.843 ms

Loss rate: 0.00%

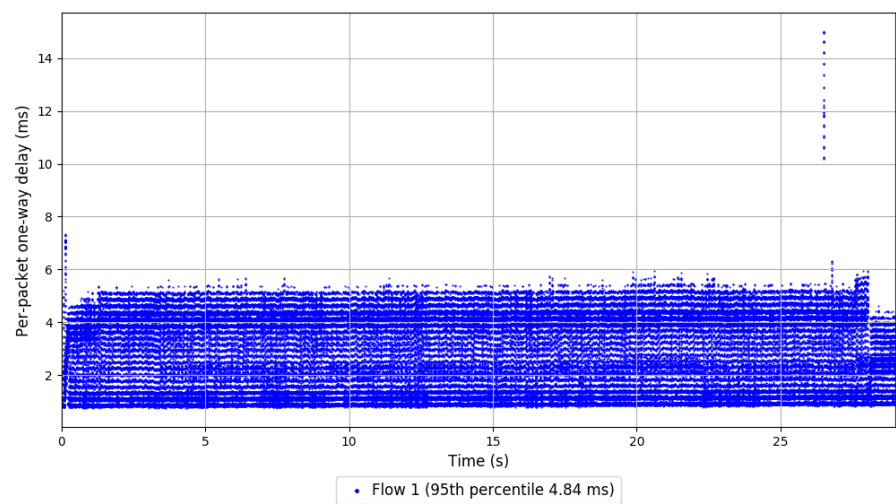
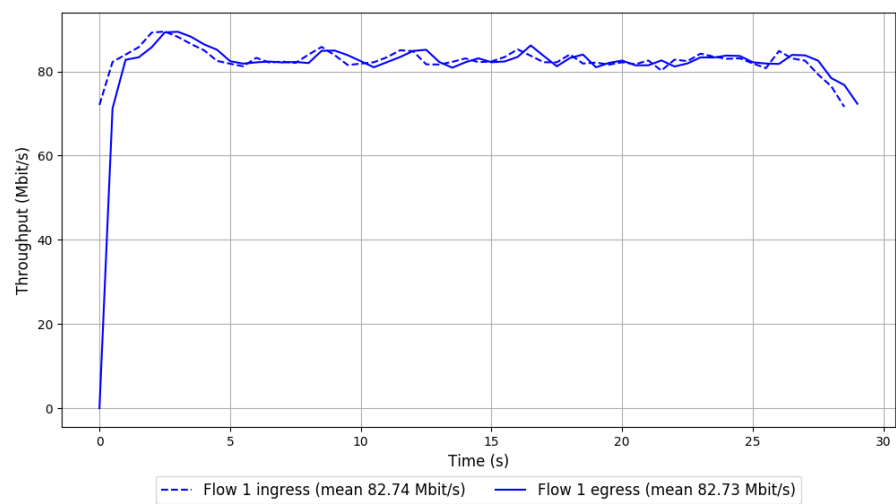
-- Flow 1:

Average throughput: 82.73 Mbit/s

95th percentile per-packet one-way delay: 4.843 ms

Loss rate: 0.00%

Run 1: Report of Indigo-MusesD — Data Link



Run 2: Statistics of Indigo-MusesD

Start at: 2019-03-18 20:03:05

End at: 2019-03-18 20:03:35

Local clock offset: -3.968 ms

Remote clock offset: 0.017 ms

Below is generated by plot.py at 2019-03-18 21:27:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.15 Mbit/s

95th percentile per-packet one-way delay: 4.989 ms

Loss rate: 0.00%

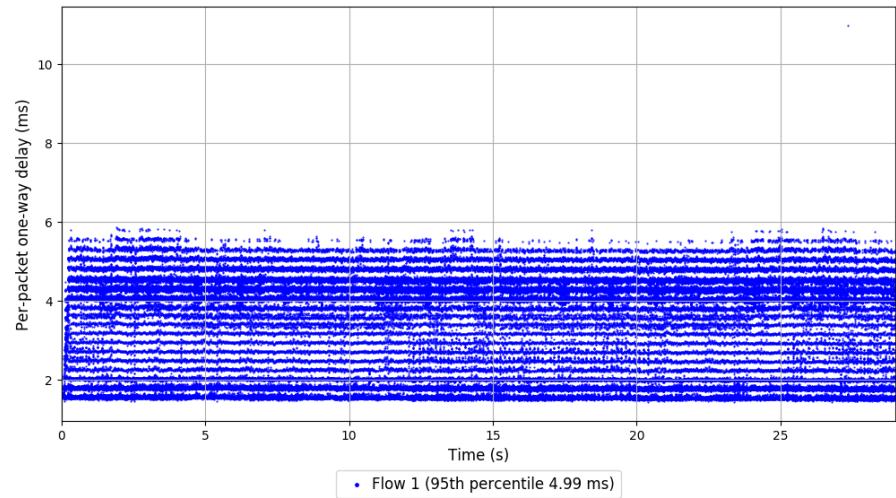
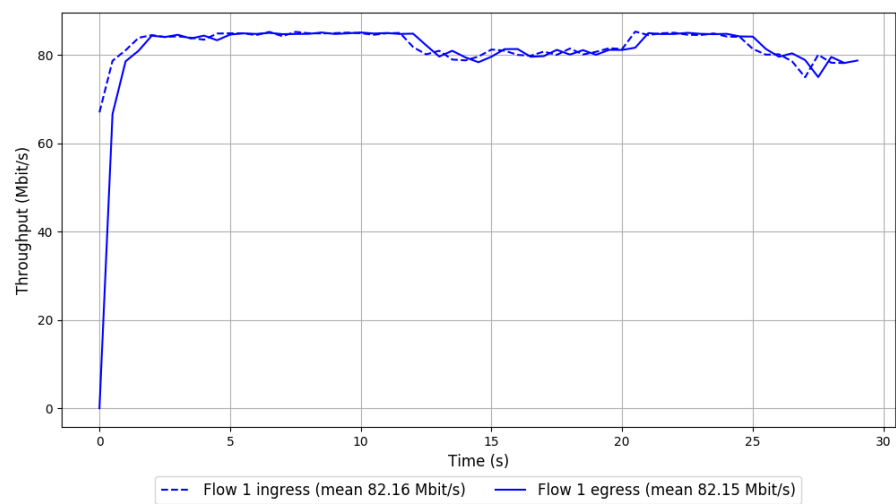
-- Flow 1:

Average throughput: 82.15 Mbit/s

95th percentile per-packet one-way delay: 4.989 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesD — Data Link



Run 3: Statistics of Indigo-MusesD

Start at: 2019-03-18 20:26:30

End at: 2019-03-18 20:27:00

Local clock offset: -5.393 ms

Remote clock offset: 0.012 ms

Below is generated by plot.py at 2019-03-18 21:27:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.18 Mbit/s

95th percentile per-packet one-way delay: 5.385 ms

Loss rate: 0.00%

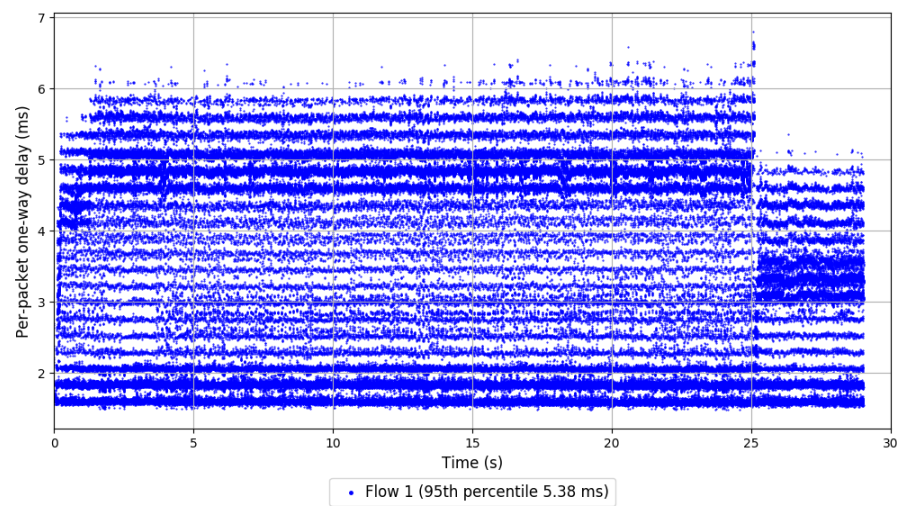
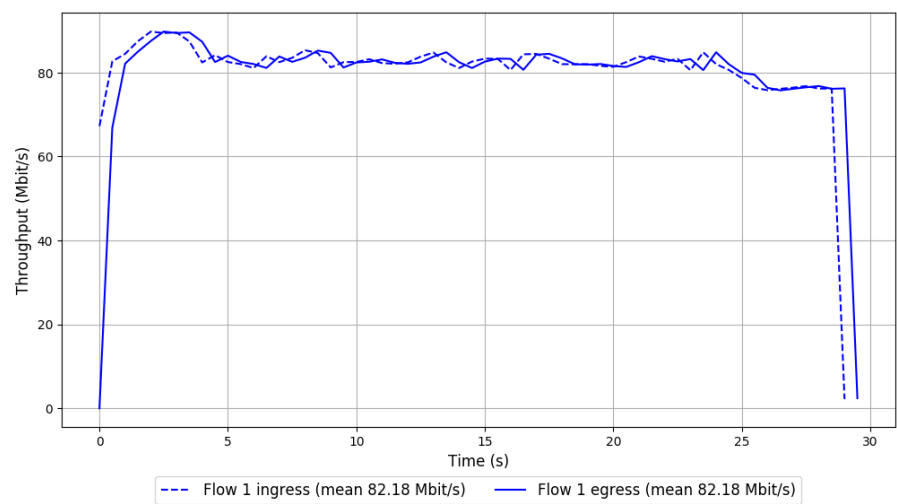
-- Flow 1:

Average throughput: 82.18 Mbit/s

95th percentile per-packet one-way delay: 5.385 ms

Loss rate: 0.00%

Run 3: Report of Indigo-MusesD — Data Link



Run 4: Statistics of Indigo-MusesD

Start at: 2019-03-18 20:49:56

End at: 2019-03-18 20:50:26

Local clock offset: -4.363 ms

Remote clock offset: 0.057 ms

Below is generated by plot.py at 2019-03-18 21:27:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 46.65 Mbit/s

95th percentile per-packet one-way delay: 3.899 ms

Loss rate: 0.00%

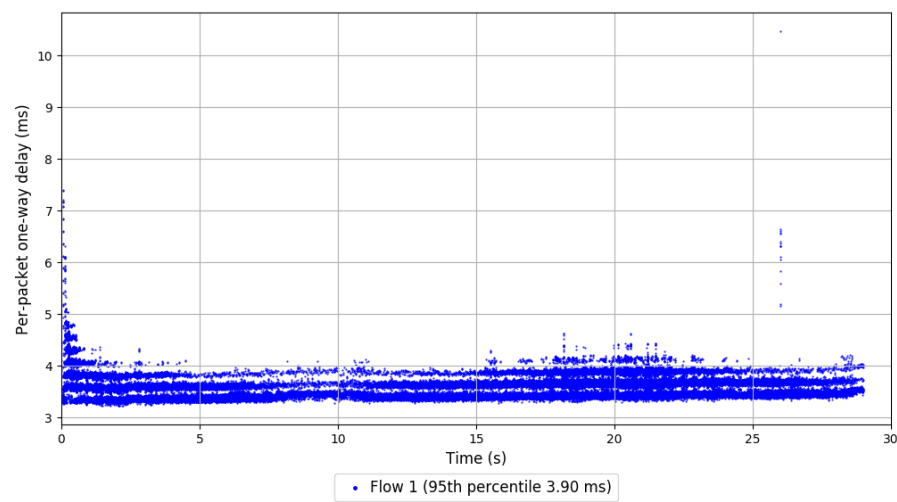
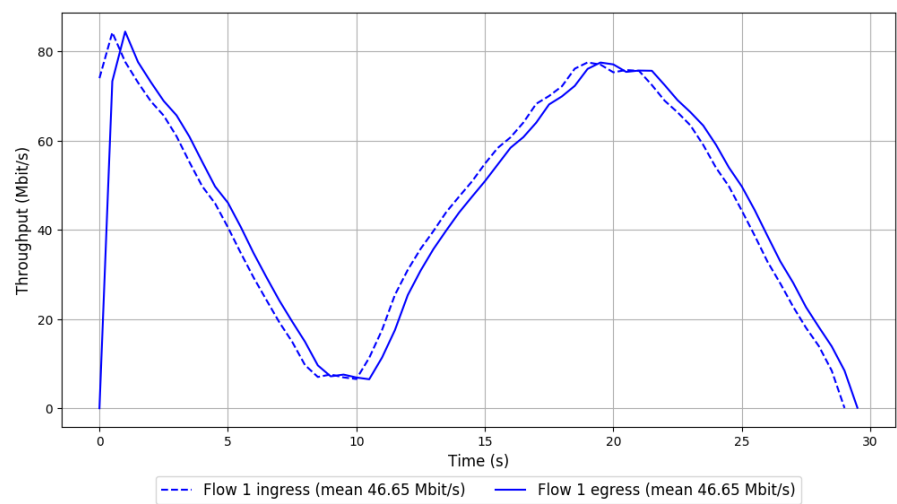
-- Flow 1:

Average throughput: 46.65 Mbit/s

95th percentile per-packet one-way delay: 3.899 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesD — Data Link

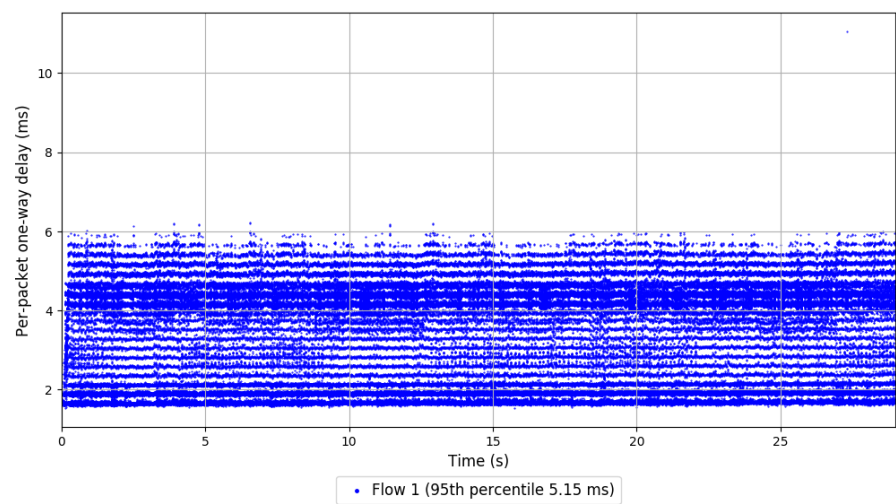
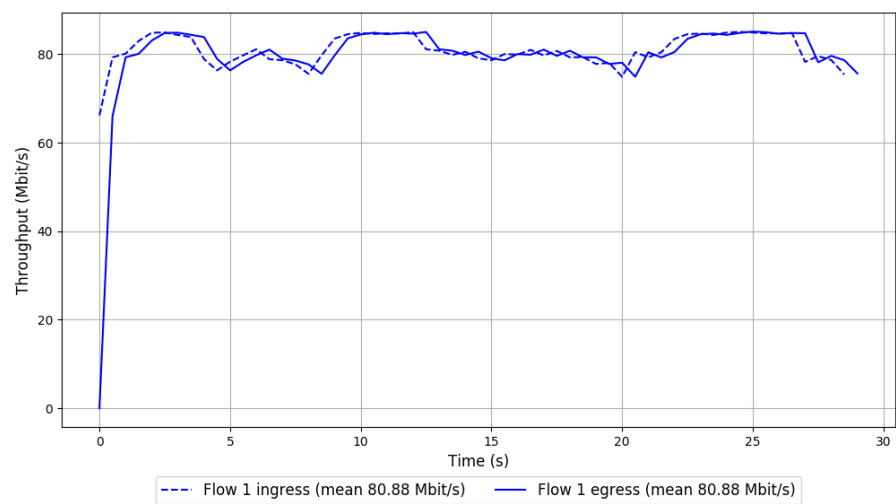


Run 5: Statistics of Indigo-MusesD

Start at: 2019-03-18 21:13:20
End at: 2019-03-18 21:13:50
Local clock offset: -1.337 ms
Remote clock offset: -0.081 ms

Below is generated by plot.py at 2019-03-18 21:27:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.88 Mbit/s
95th percentile per-packet one-way delay: 5.154 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.88 Mbit/s
95th percentile per-packet one-way delay: 5.154 ms
Loss rate: 0.00%

Run 5: Report of Indigo-MusesD — Data Link



Run 1: Statistics of Indigo-MusesT

Start at: 2019-03-18 19:46:20

End at: 2019-03-18 19:46:50

Local clock offset: 3.434 ms

Remote clock offset: -0.086 ms

Below is generated by plot.py at 2019-03-18 21:28:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.45 Mbit/s

95th percentile per-packet one-way delay: 2.866 ms

Loss rate: 0.01%

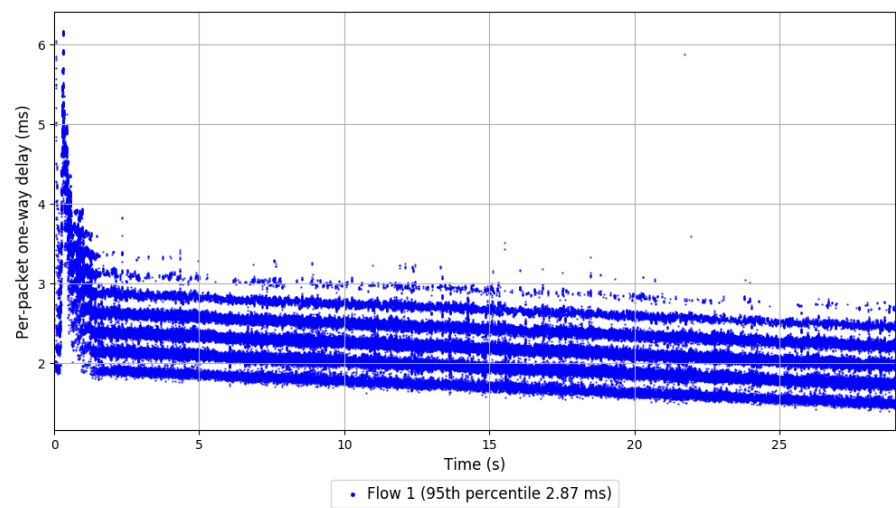
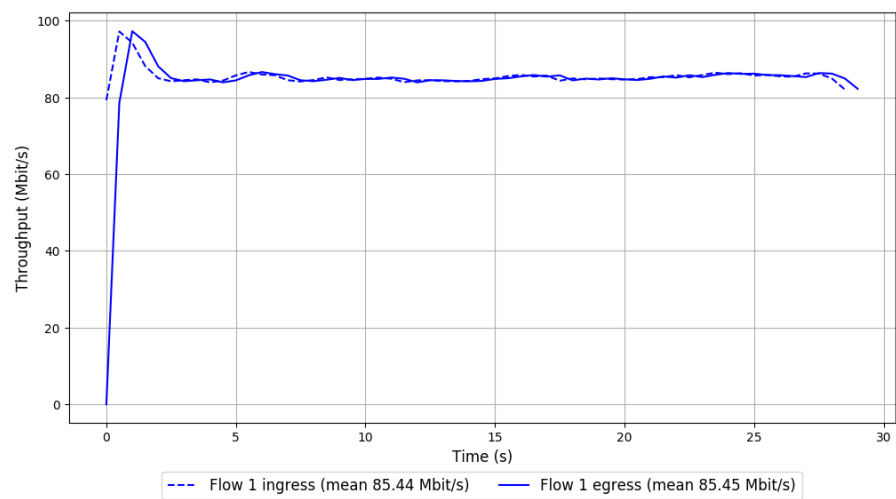
-- Flow 1:

Average throughput: 85.45 Mbit/s

95th percentile per-packet one-way delay: 2.866 ms

Loss rate: 0.01%

Run 1: Report of Indigo-MusesT — Data Link



Run 2: Statistics of Indigo-MusesT

Start at: 2019-03-18 20:09:47

End at: 2019-03-18 20:10:17

Local clock offset: -3.611 ms

Remote clock offset: -0.038 ms

Below is generated by plot.py at 2019-03-18 21:28:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.22 Mbit/s

95th percentile per-packet one-way delay: 3.338 ms

Loss rate: 0.00%

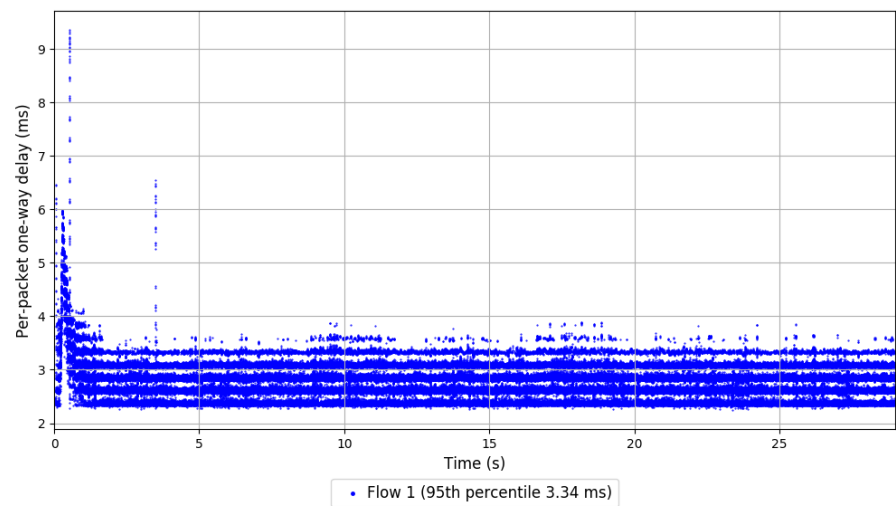
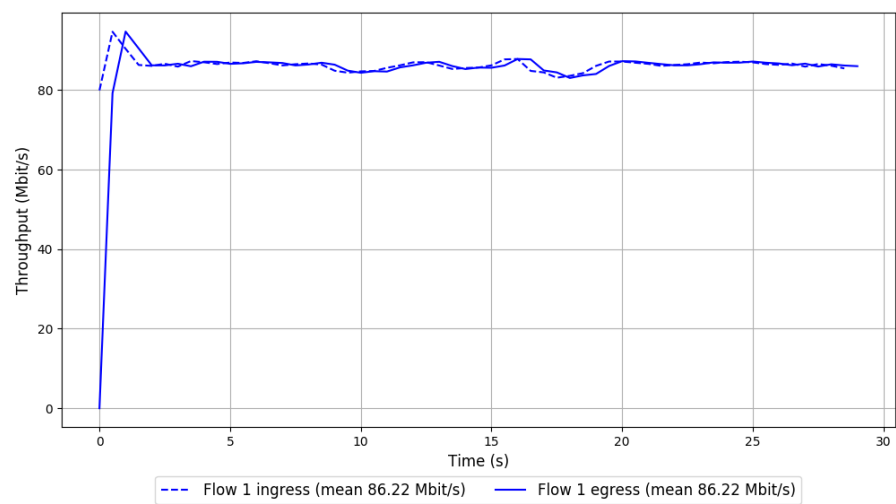
-- Flow 1:

Average throughput: 86.22 Mbit/s

95th percentile per-packet one-way delay: 3.338 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesT — Data Link

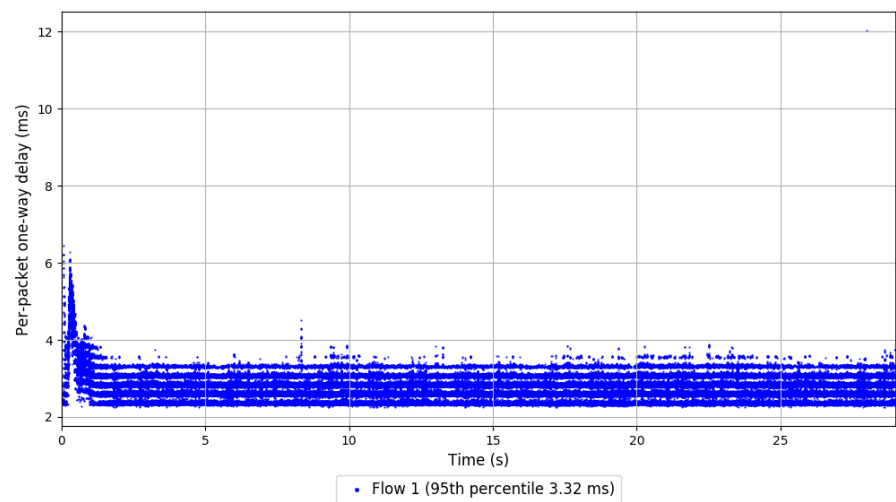
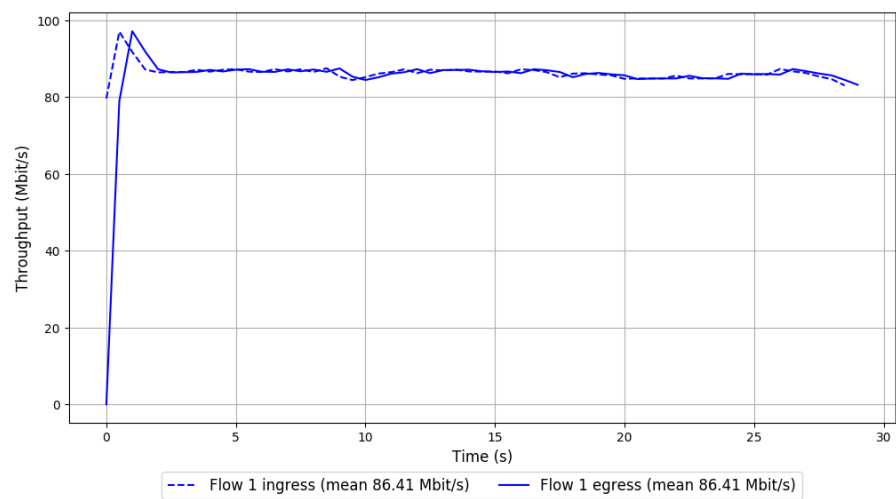


Run 3: Statistics of Indigo-MusesT

Start at: 2019-03-18 20:33:12
End at: 2019-03-18 20:33:42
Local clock offset: -4.817 ms
Remote clock offset: -0.021 ms

Below is generated by plot.py at 2019-03-18 21:28:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.41 Mbit/s
95th percentile per-packet one-way delay: 3.319 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 86.41 Mbit/s
95th percentile per-packet one-way delay: 3.319 ms
Loss rate: 0.01%

Run 3: Report of Indigo-MusesT — Data Link

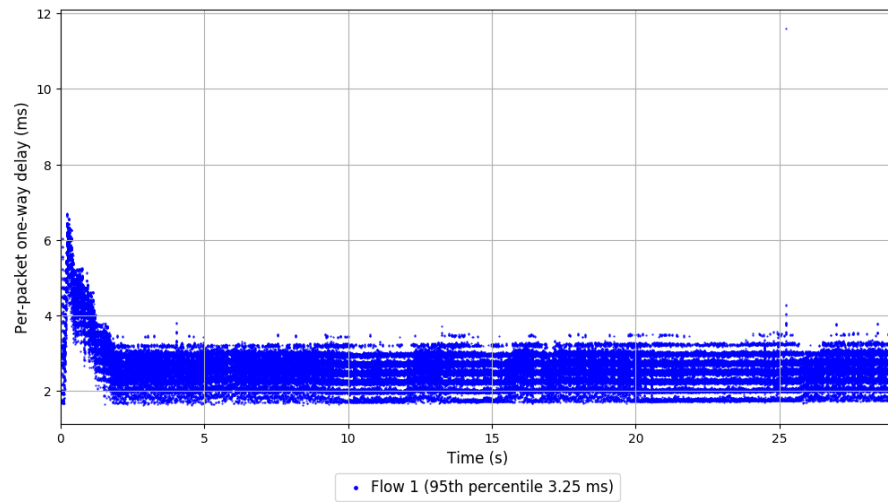
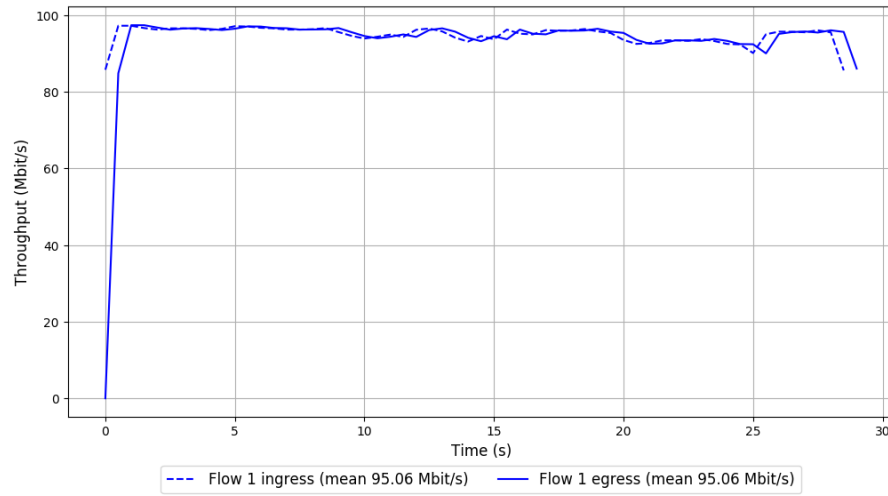


Run 4: Statistics of Indigo-MusesT

Start at: 2019-03-18 20:56:36
End at: 2019-03-18 20:57:06
Local clock offset: -3.048 ms
Remote clock offset: -0.034 ms

Below is generated by plot.py at 2019-03-18 21:28:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.06 Mbit/s
95th percentile per-packet one-way delay: 3.255 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.06 Mbit/s
95th percentile per-packet one-way delay: 3.255 ms
Loss rate: 0.00%

Run 4: Report of Indigo-MusesT — Data Link



Run 5: Statistics of Indigo-MusesT

Start at: 2019-03-18 21:20:02

End at: 2019-03-18 21:20:32

Local clock offset: -3.331 ms

Remote clock offset: -0.035 ms

Below is generated by plot.py at 2019-03-18 21:29:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.84 Mbit/s

95th percentile per-packet one-way delay: 2.948 ms

Loss rate: 0.00%

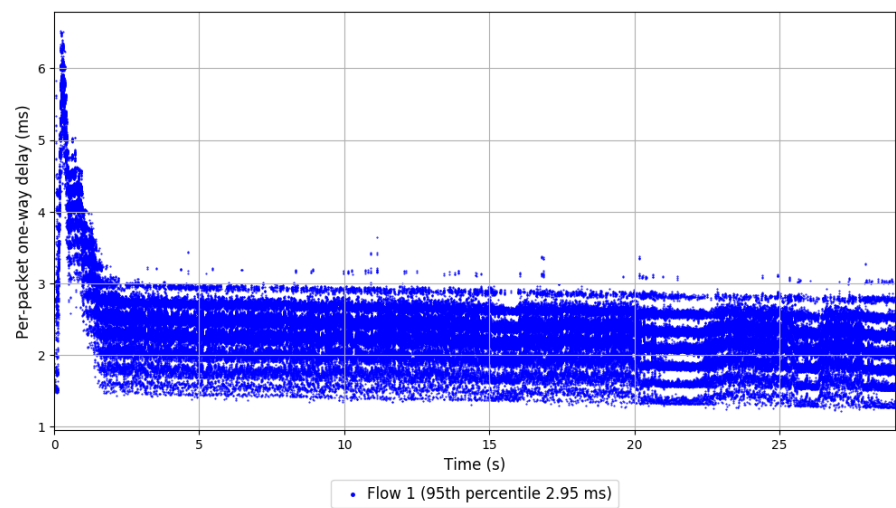
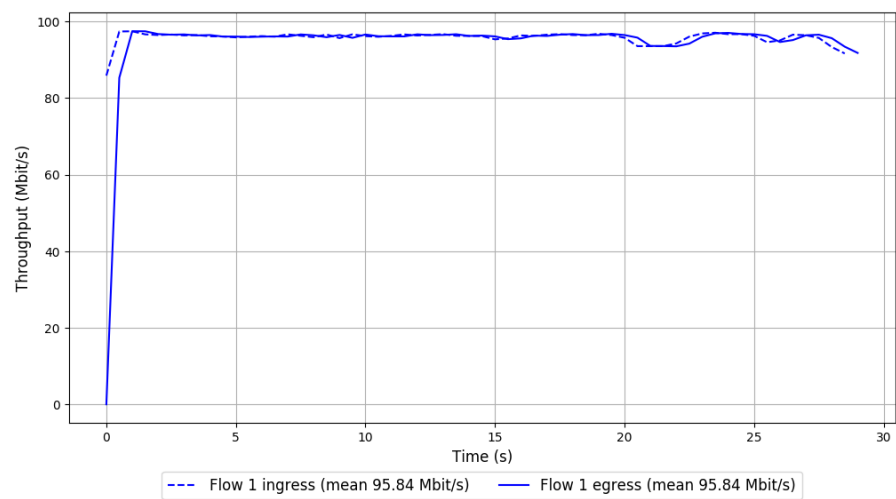
-- Flow 1:

Average throughput: 95.84 Mbit/s

95th percentile per-packet one-way delay: 2.948 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesT — Data Link

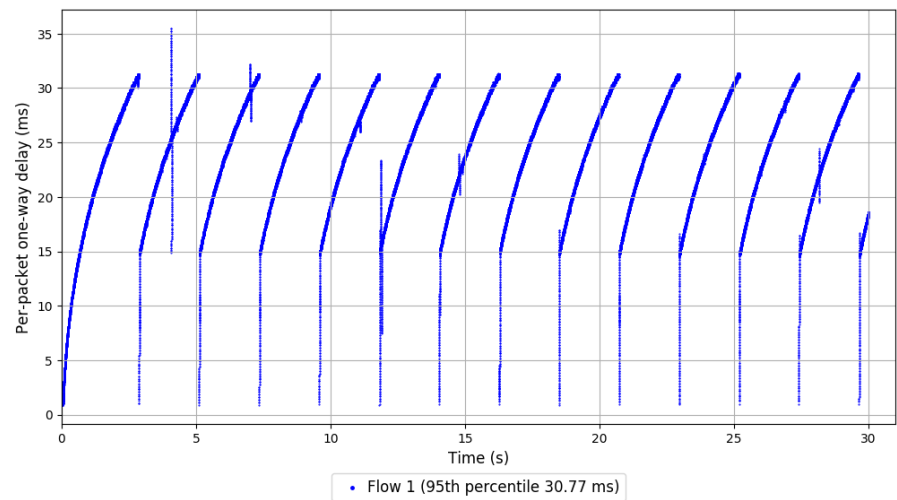
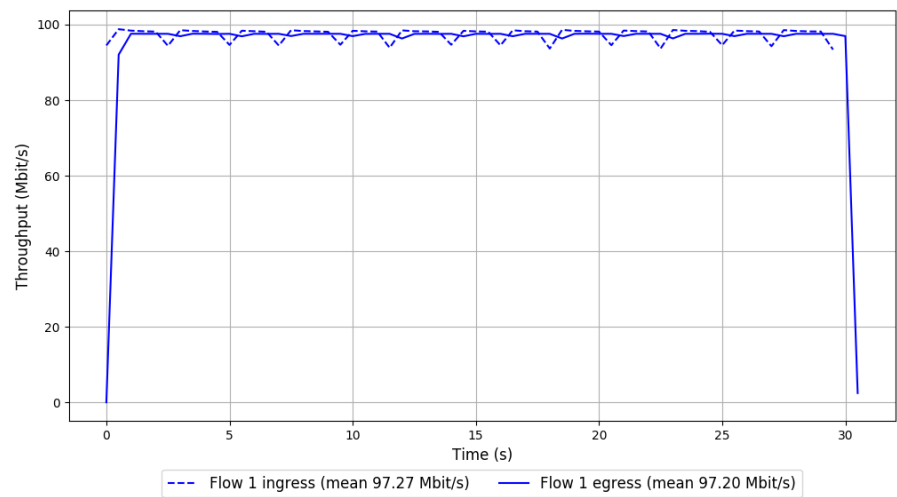


Run 1: Statistics of LEDBAT

Start at: 2019-03-18 19:30:40
End at: 2019-03-18 19:31:10
Local clock offset: 0.859 ms
Remote clock offset: -0.002 ms

Below is generated by plot.py at 2019-03-18 21:29:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.20 Mbit/s
95th percentile per-packet one-way delay: 30.774 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.20 Mbit/s
95th percentile per-packet one-way delay: 30.774 ms
Loss rate: 0.01%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2019-03-18 19:54:06

End at: 2019-03-18 19:54:36

Local clock offset: -1.412 ms

Remote clock offset: 0.058 ms

Below is generated by plot.py at 2019-03-18 21:29:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.03 Mbit/s

95th percentile per-packet one-way delay: 27.379 ms

Loss rate: 0.02%

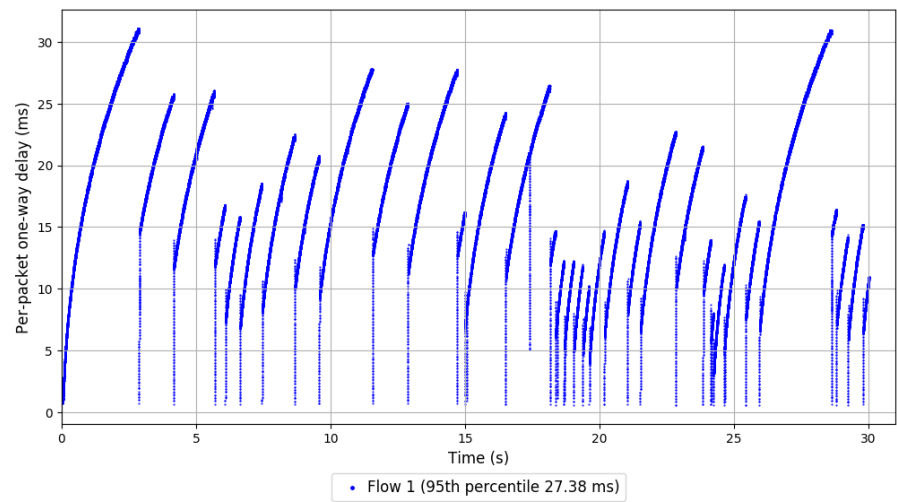
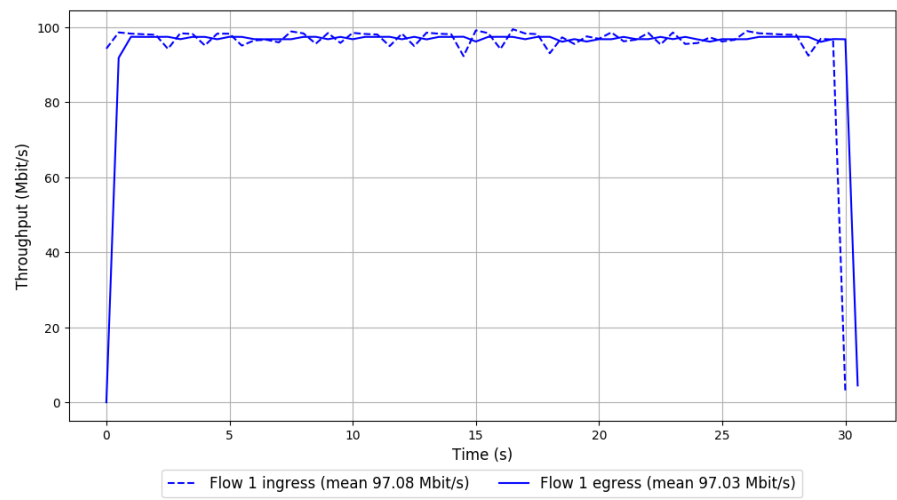
-- Flow 1:

Average throughput: 97.03 Mbit/s

95th percentile per-packet one-way delay: 27.379 ms

Loss rate: 0.02%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2019-03-18 20:17:32

End at: 2019-03-18 20:18:02

Local clock offset: -4.497 ms

Remote clock offset: -0.01 ms

Below is generated by plot.py at 2019-03-18 21:29:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.17 Mbit/s

95th percentile per-packet one-way delay: 31.288 ms

Loss rate: 0.01%

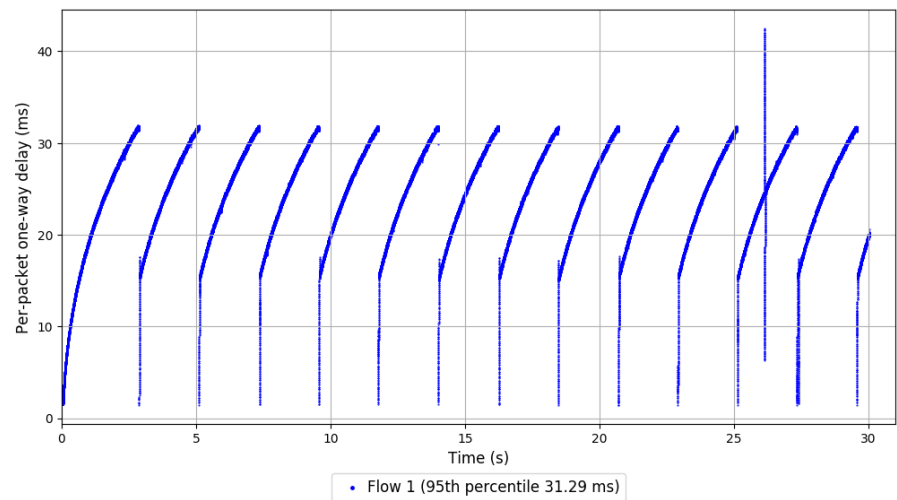
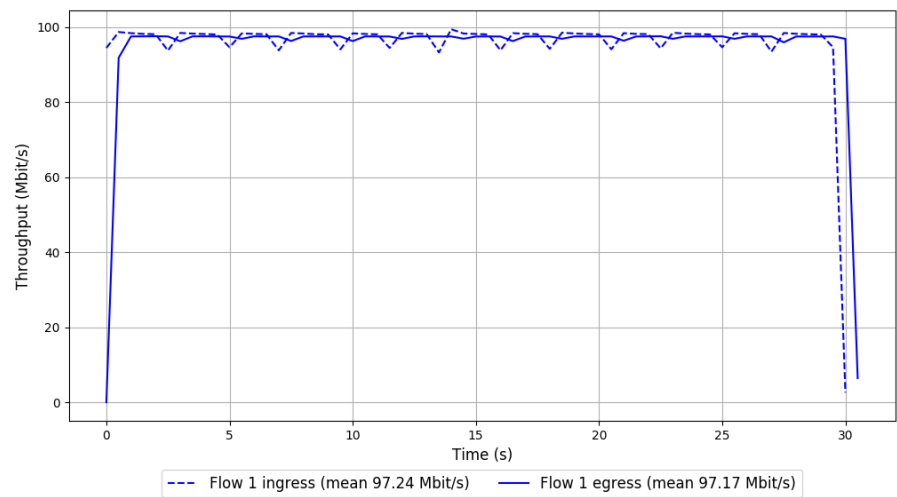
-- Flow 1:

Average throughput: 97.17 Mbit/s

95th percentile per-packet one-way delay: 31.288 ms

Loss rate: 0.01%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2019-03-18 20:40:58

End at: 2019-03-18 20:41:28

Local clock offset: -4.812 ms

Remote clock offset: -0.03 ms

Below is generated by plot.py at 2019-03-18 21:29:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.19 Mbit/s

95th percentile per-packet one-way delay: 30.651 ms

Loss rate: 0.01%

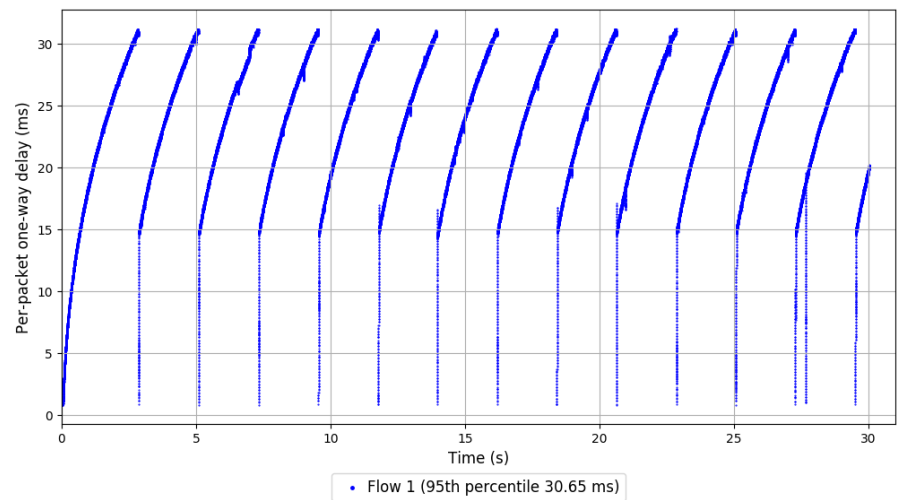
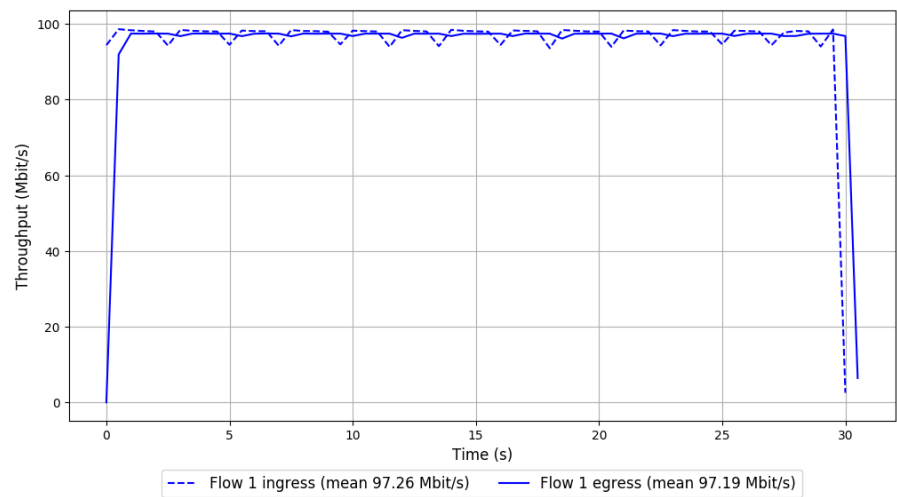
-- Flow 1:

Average throughput: 97.19 Mbit/s

95th percentile per-packet one-way delay: 30.651 ms

Loss rate: 0.01%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2019-03-18 21:04:21

End at: 2019-03-18 21:04:51

Local clock offset: -1.285 ms

Remote clock offset: 0.007 ms

Below is generated by plot.py at 2019-03-18 21:29:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.13 Mbit/s

95th percentile per-packet one-way delay: 30.743 ms

Loss rate: 0.01%

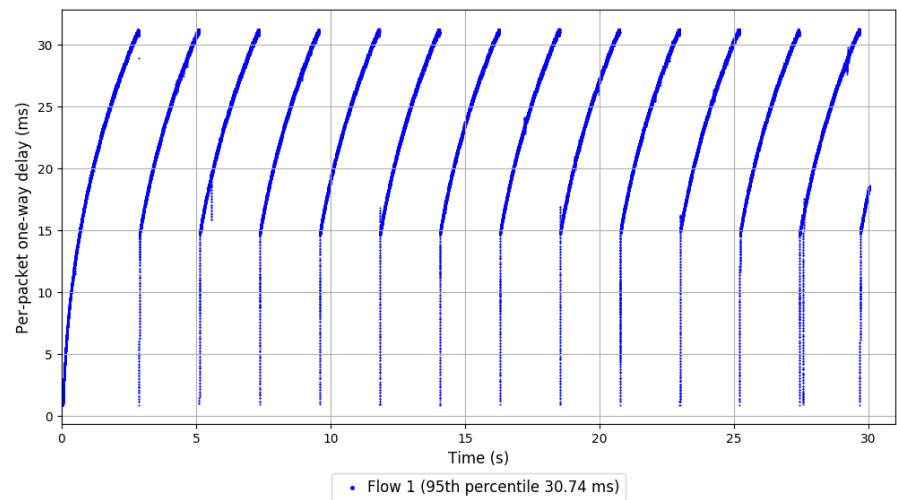
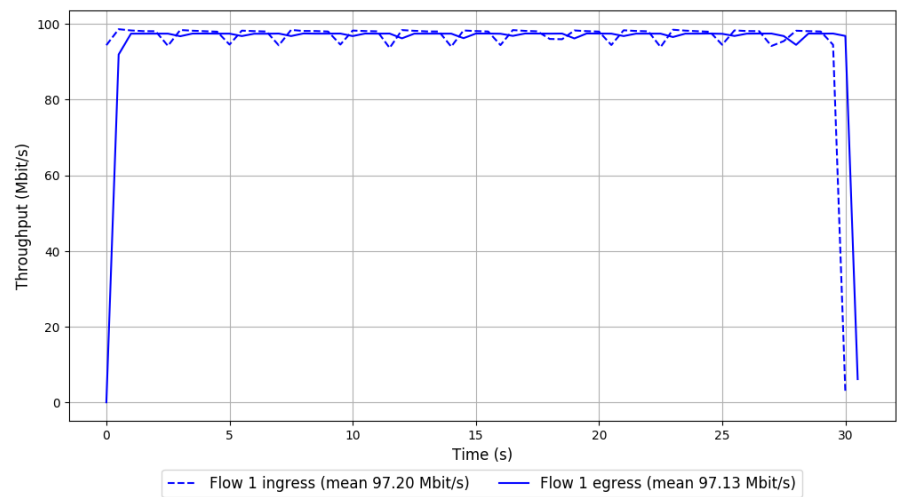
-- Flow 1:

Average throughput: 97.13 Mbit/s

95th percentile per-packet one-way delay: 30.743 ms

Loss rate: 0.01%

Run 5: Report of LEDBAT — Data Link

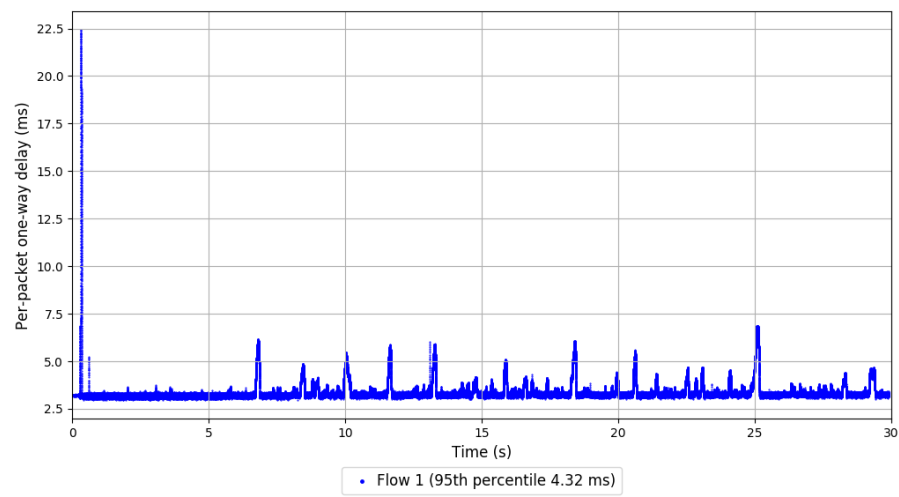
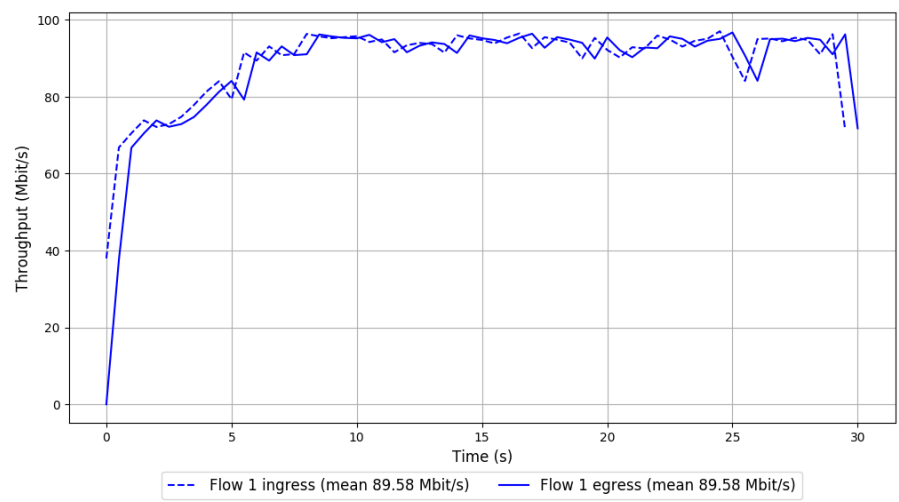


```
Run 1: Statistics of PCC-Allegro

Start at: 2019-03-18 19:28:27
End at: 2019-03-18 19:28:57
Local clock offset: -0.178 ms
Remote clock offset: -0.061 ms

# Below is generated by plot.py at 2019-03-18 21:29:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.58 Mbit/s
95th percentile per-packet one-way delay: 4.320 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.58 Mbit/s
95th percentile per-packet one-way delay: 4.320 ms
Loss rate: 0.00%
```

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2019-03-18 19:51:51

End at: 2019-03-18 19:52:21

Local clock offset: -0.419 ms

Remote clock offset: 0.008 ms

Below is generated by plot.py at 2019-03-18 21:29:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.89 Mbit/s

95th percentile per-packet one-way delay: 11.479 ms

Loss rate: 0.02%

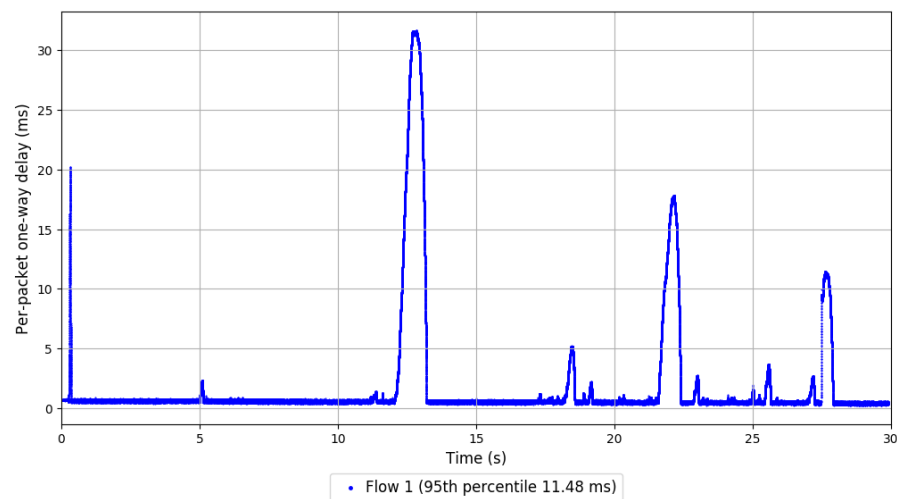
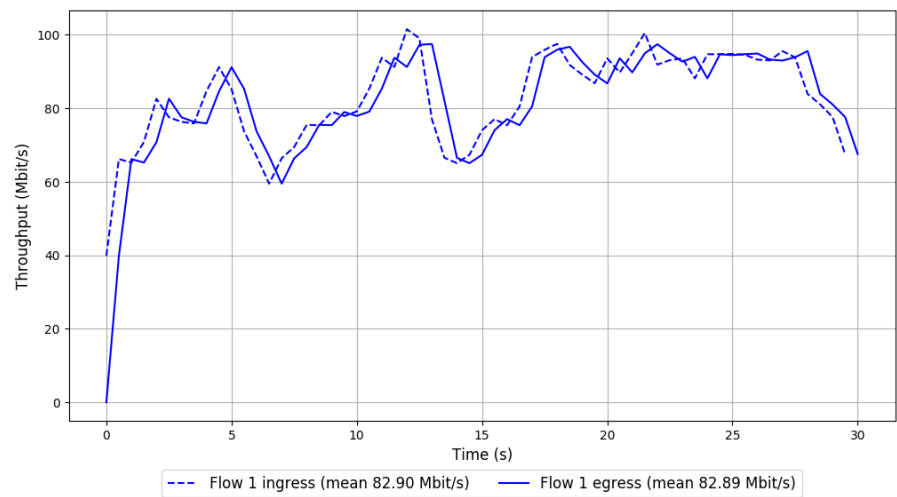
-- Flow 1:

Average throughput: 82.89 Mbit/s

95th percentile per-packet one-way delay: 11.479 ms

Loss rate: 0.02%

Run 2: Report of PCC-Allegro — Data Link

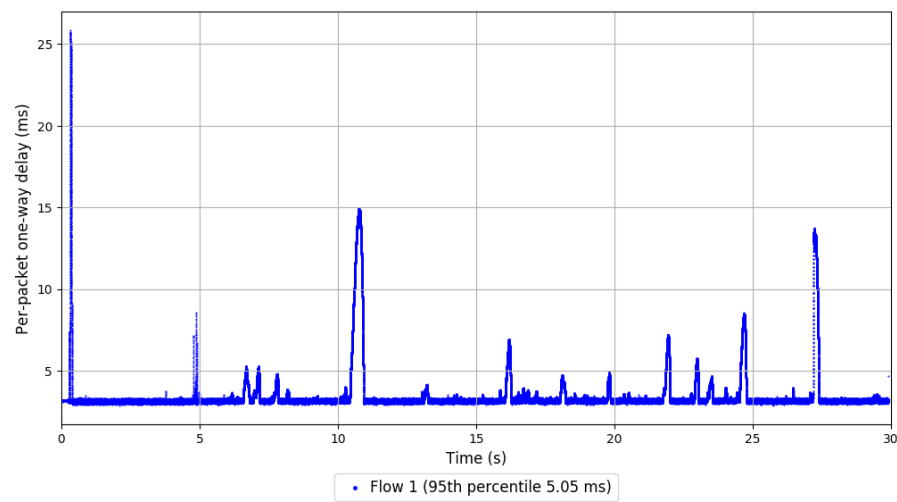
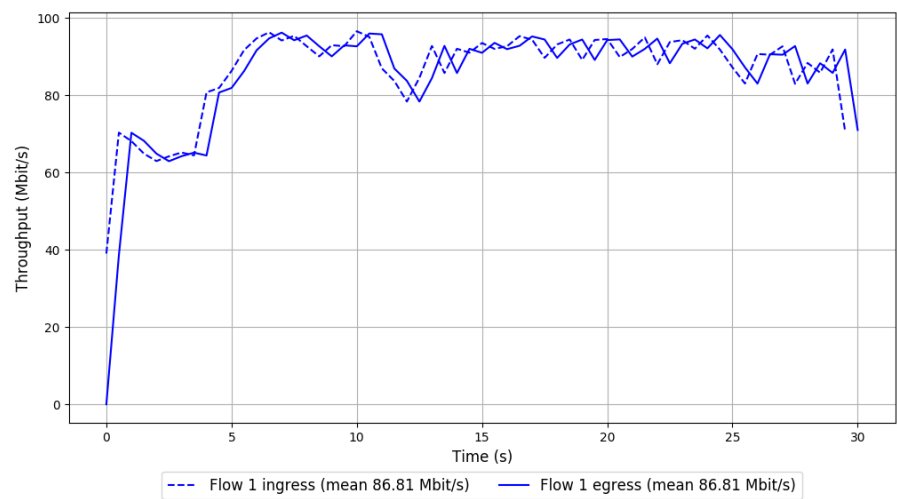


Run 3: Statistics of PCC-Allegro

Start at: 2019-03-18 20:15:19
End at: 2019-03-18 20:15:49
Local clock offset: -4.321 ms
Remote clock offset: -0.066 ms

Below is generated by plot.py at 2019-03-18 21:30:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.81 Mbit/s
95th percentile per-packet one-way delay: 5.049 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 86.81 Mbit/s
95th percentile per-packet one-way delay: 5.049 ms
Loss rate: 0.00%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2019-03-18 20:38:44

End at: 2019-03-18 20:39:14

Local clock offset: -4.82 ms

Remote clock offset: -0.074 ms

Below is generated by plot.py at 2019-03-18 21:30:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.48 Mbit/s

95th percentile per-packet one-way delay: 2.305 ms

Loss rate: 0.00%

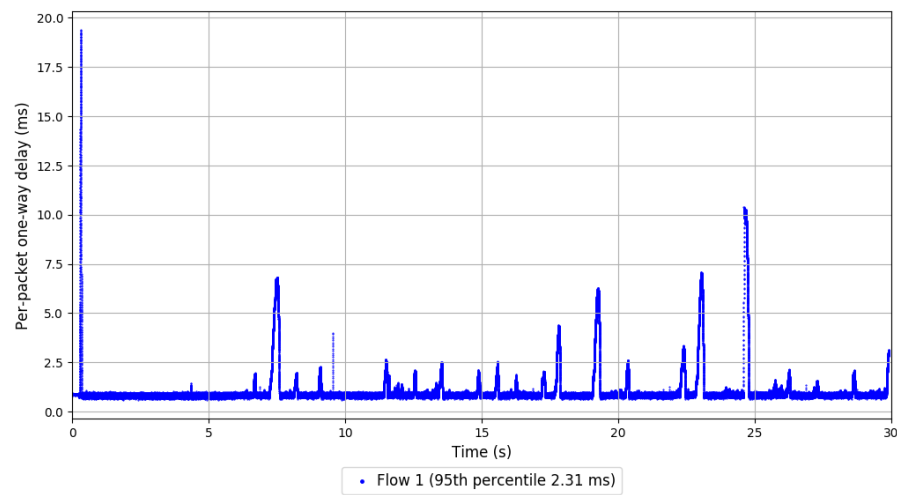
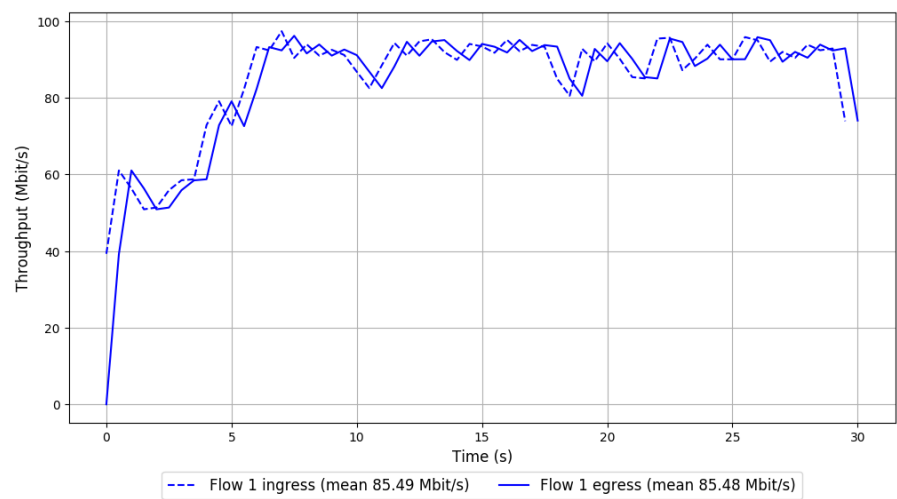
-- Flow 1:

Average throughput: 85.48 Mbit/s

95th percentile per-packet one-way delay: 2.305 ms

Loss rate: 0.00%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2019-03-18 21:02:08

End at: 2019-03-18 21:02:38

Local clock offset: -2.268 ms

Remote clock offset: -0.014 ms

Below is generated by plot.py at 2019-03-18 21:30:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.15 Mbit/s

95th percentile per-packet one-way delay: 2.352 ms

Loss rate: 0.00%

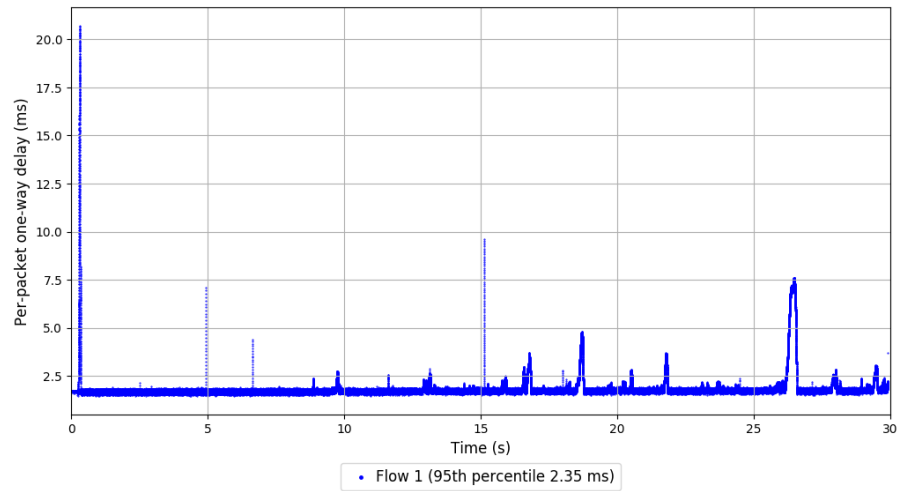
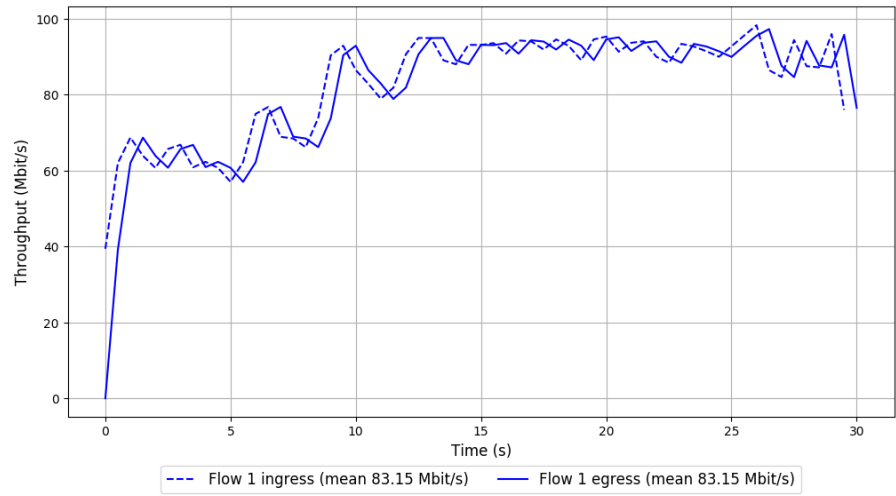
-- Flow 1:

Average throughput: 83.15 Mbit/s

95th percentile per-packet one-way delay: 2.352 ms

Loss rate: 0.00%

Run 5: Report of PCC-Allegro — Data Link

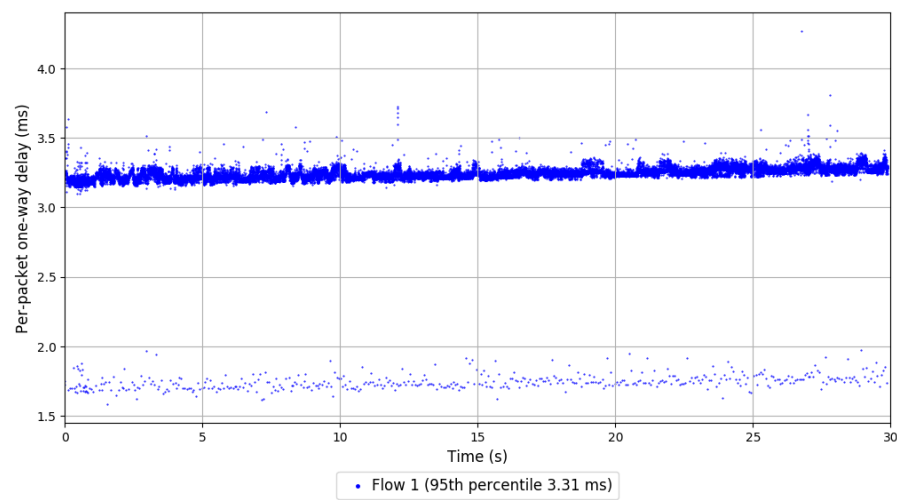
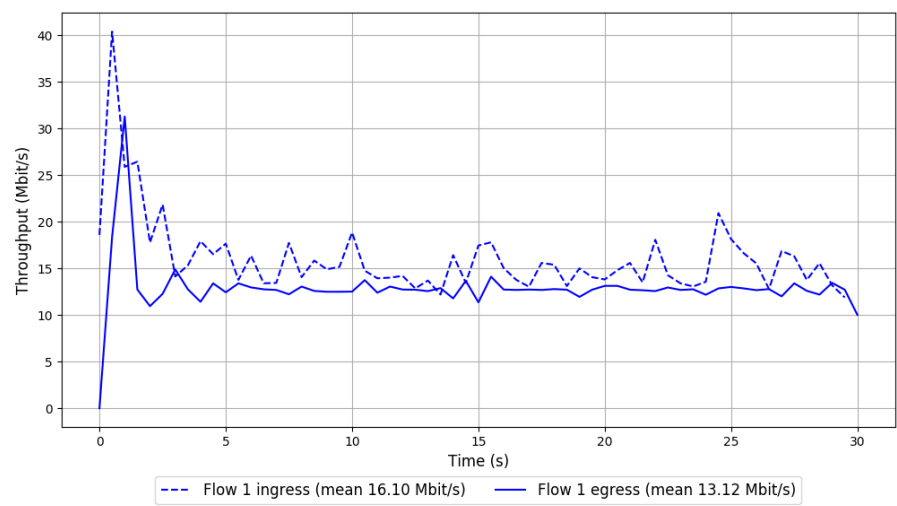


Run 1: Statistics of PCC-Expr

Start at: 2019-03-18 19:45:15
End at: 2019-03-18 19:45:45
Local clock offset: 2.461 ms
Remote clock offset: -0.022 ms

Below is generated by plot.py at 2019-03-18 21:30:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.12 Mbit/s
95th percentile per-packet one-way delay: 3.309 ms
Loss rate: 18.53%
-- Flow 1:
Average throughput: 13.12 Mbit/s
95th percentile per-packet one-way delay: 3.309 ms
Loss rate: 18.53%

Run 1: Report of PCC-Expr — Data Link

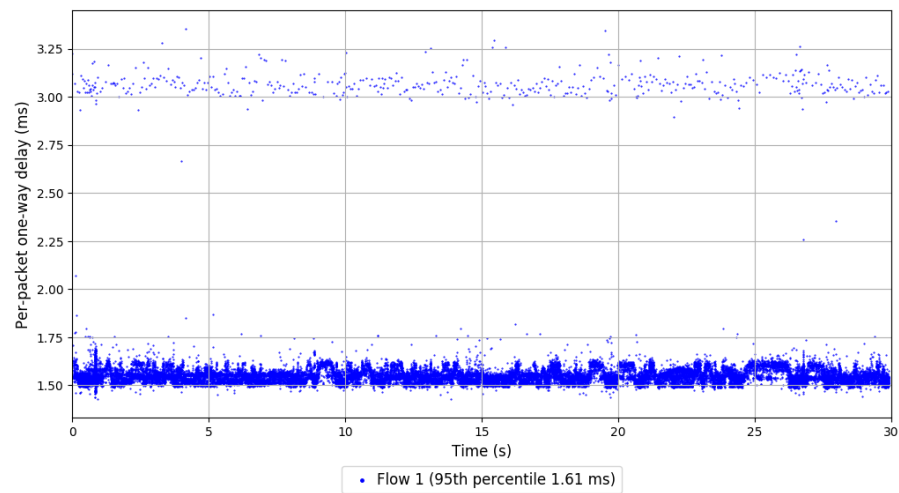
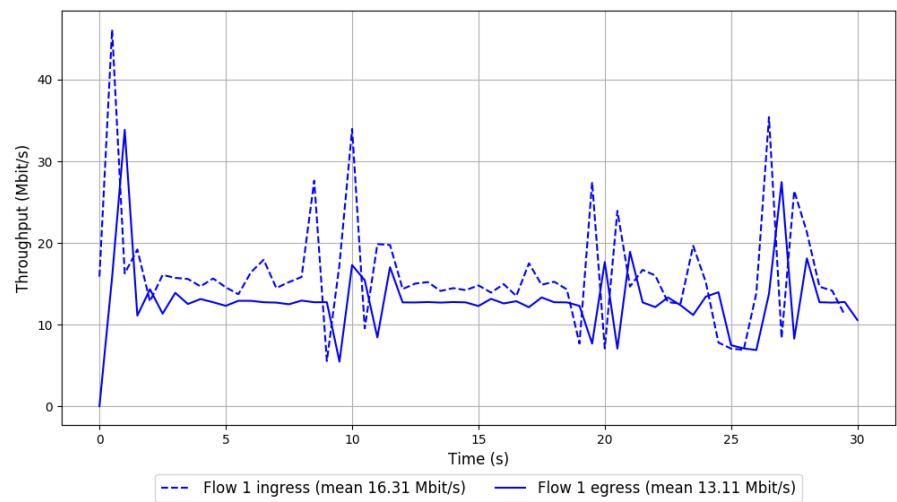


Run 2: Statistics of PCC-Expr

Start at: 2019-03-18 20:08:42
End at: 2019-03-18 20:09:12
Local clock offset: -4.263 ms
Remote clock offset: -0.038 ms

Below is generated by plot.py at 2019-03-18 21:30:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.11 Mbit/s
95th percentile per-packet one-way delay: 1.613 ms
Loss rate: 19.61%
-- Flow 1:
Average throughput: 13.11 Mbit/s
95th percentile per-packet one-way delay: 1.613 ms
Loss rate: 19.61%

Run 2: Report of PCC-Expr — Data Link

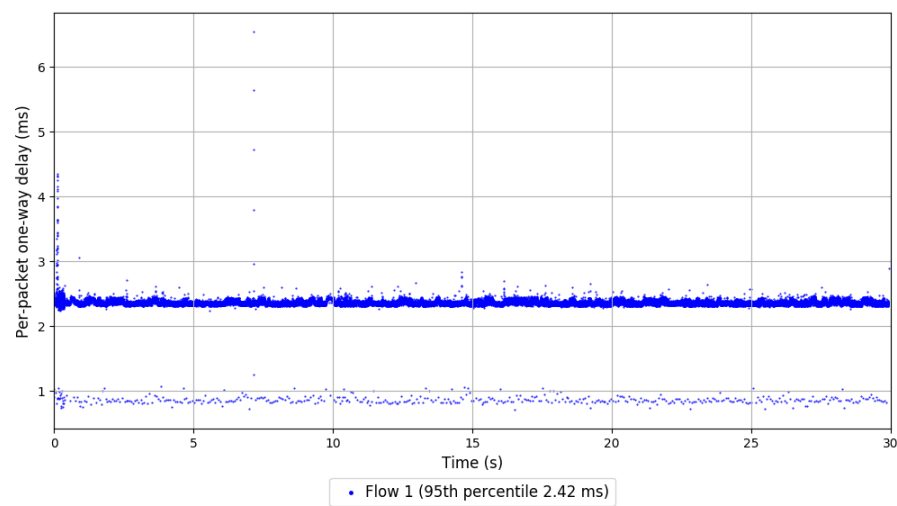
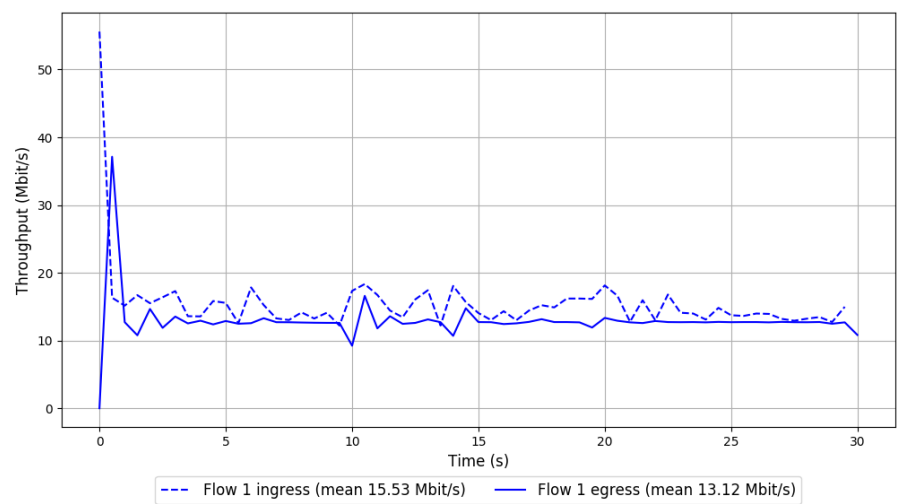


Run 3: Statistics of PCC-Expr

Start at: 2019-03-18 20:32:07
End at: 2019-03-18 20:32:37
Local clock offset: -4.798 ms
Remote clock offset: -0.012 ms

Below is generated by plot.py at 2019-03-18 21:30:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.12 Mbit/s
95th percentile per-packet one-way delay: 2.422 ms
Loss rate: 15.51%
-- Flow 1:
Average throughput: 13.12 Mbit/s
95th percentile per-packet one-way delay: 2.422 ms
Loss rate: 15.51%

Run 3: Report of PCC-Expr — Data Link

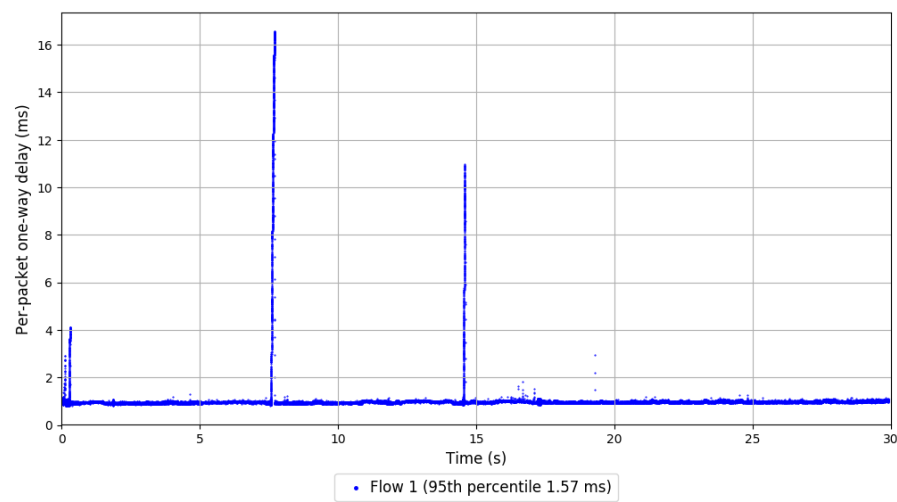
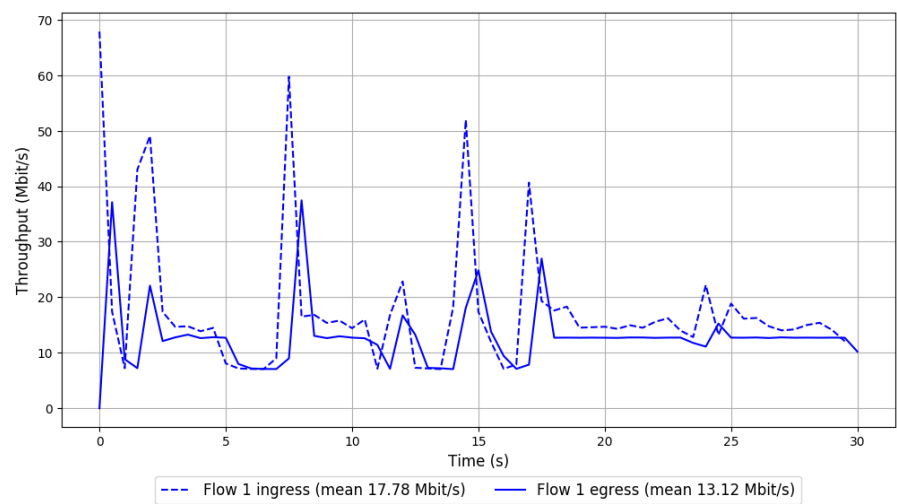


Run 4: Statistics of PCC-Expr

Start at: 2019-03-18 20:55:31
End at: 2019-03-18 20:56:01
Local clock offset: -2.408 ms
Remote clock offset: -0.025 ms

Below is generated by plot.py at 2019-03-18 21:30:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.12 Mbit/s
95th percentile per-packet one-way delay: 1.573 ms
Loss rate: 26.23%
-- Flow 1:
Average throughput: 13.12 Mbit/s
95th percentile per-packet one-way delay: 1.573 ms
Loss rate: 26.23%

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

Start at: 2019-03-18 21:18:56

End at: 2019-03-18 21:19:26

Local clock offset: -1.867 ms

Remote clock offset: 0.03 ms

Below is generated by plot.py at 2019-03-18 21:30:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.02 Mbit/s

95th percentile per-packet one-way delay: 7.151 ms

Loss rate: 48.19%

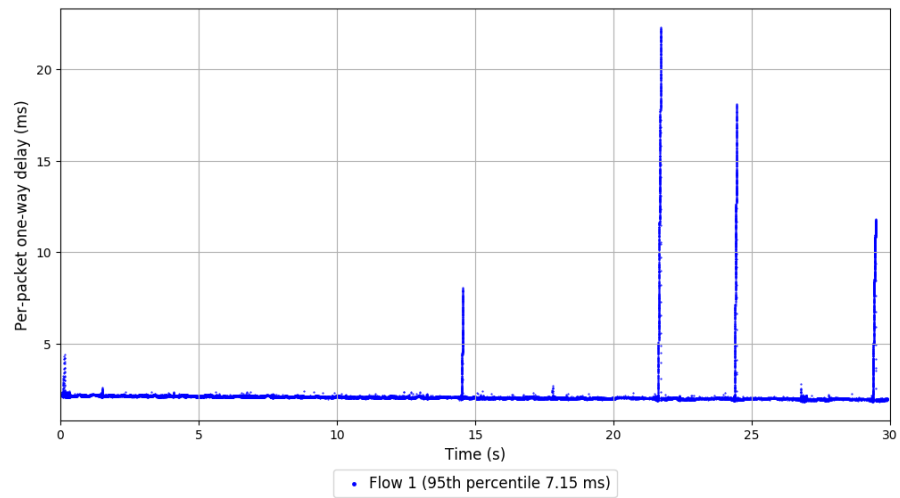
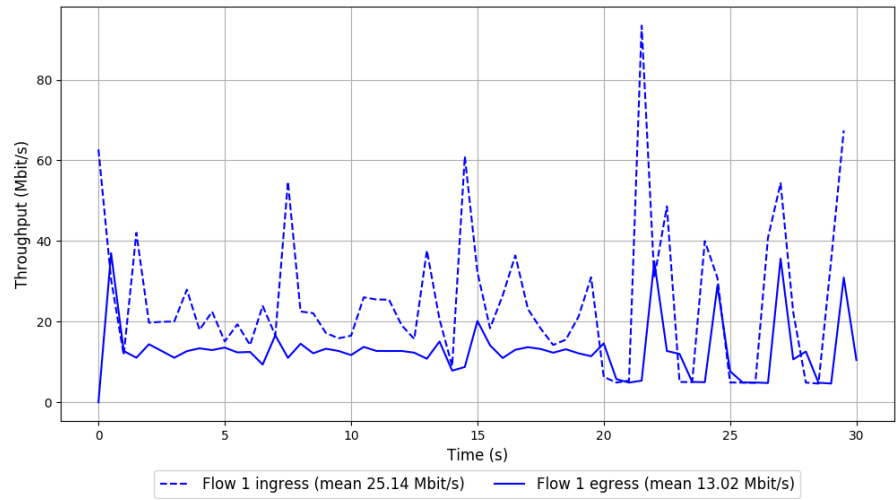
-- Flow 1:

Average throughput: 13.02 Mbit/s

95th percentile per-packet one-way delay: 7.151 ms

Loss rate: 48.19%

Run 5: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2019-03-18 19:24:03

End at: 2019-03-18 19:24:33

Local clock offset: -0.594 ms

Remote clock offset: -0.048 ms

Below is generated by plot.py at 2019-03-18 21:30:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.55 Mbit/s

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

Loss rate: 0.38%

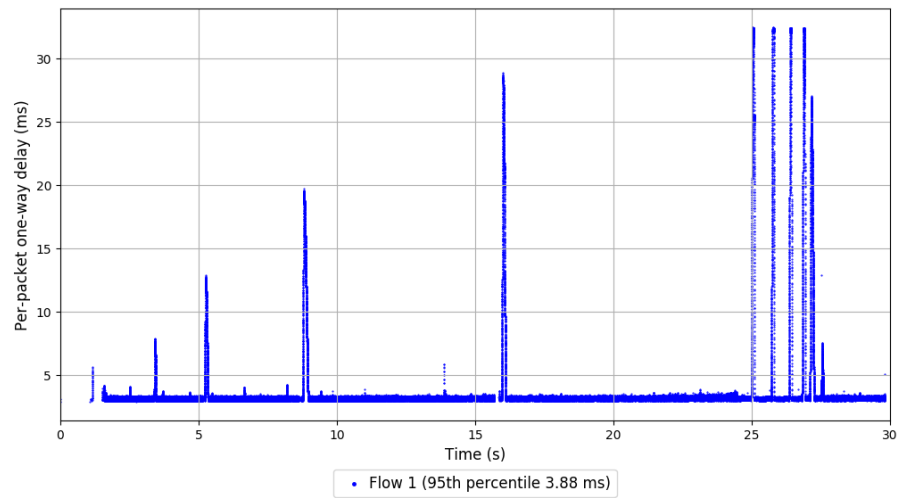
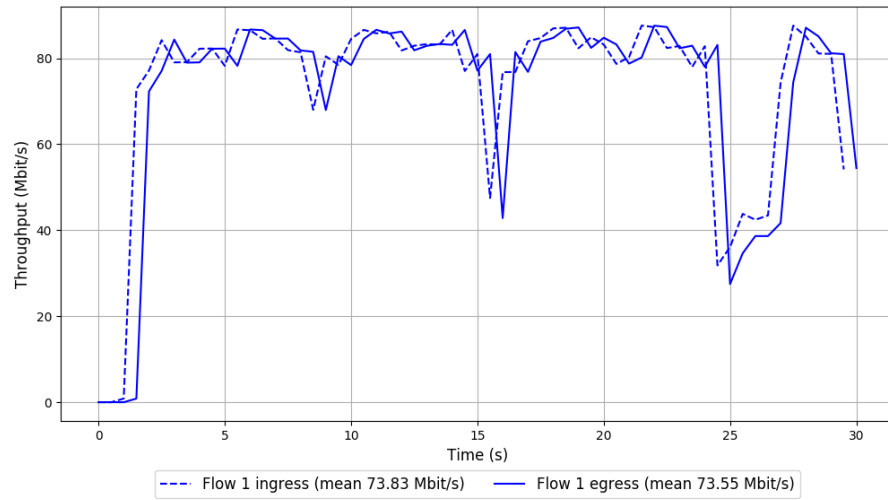
-- Flow 1:

Average throughput: 73.55 Mbit/s

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

Loss rate: 0.38%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2019-03-18 19:47:28

End at: 2019-03-18 19:47:58

Local clock offset: 2.295 ms

Remote clock offset: 0.046 ms

Below is generated by plot.py at 2019-03-18 21:30:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.30 Mbit/s

95th percentile per-packet one-way delay: 4.454 ms

Loss rate: 0.34%

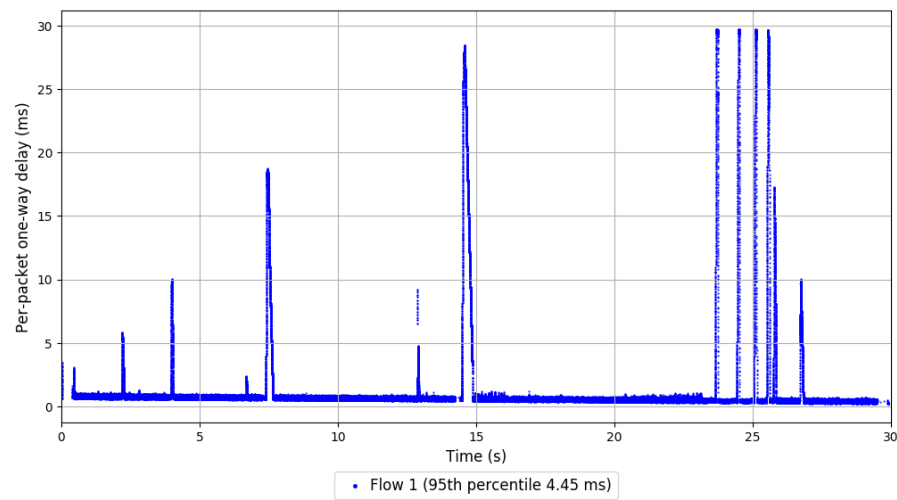
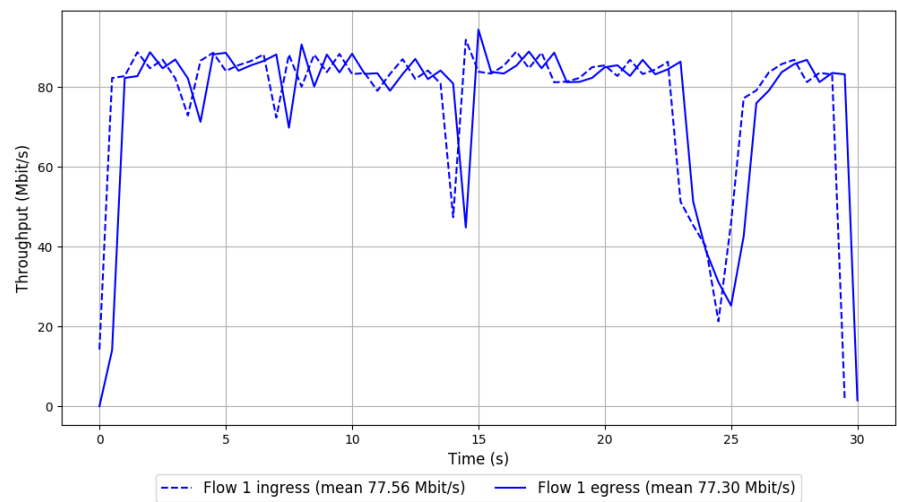
-- Flow 1:

Average throughput: 77.30 Mbit/s

95th percentile per-packet one-way delay: 4.454 ms

Loss rate: 0.34%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2019-03-18 20:10:54

End at: 2019-03-18 20:11:24

Local clock offset: -4.304 ms

Remote clock offset: 0.024 ms

Below is generated by plot.py at 2019-03-18 21:30:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.86 Mbit/s

95th percentile per-packet one-way delay: 1.895 ms

Loss rate: 0.04%

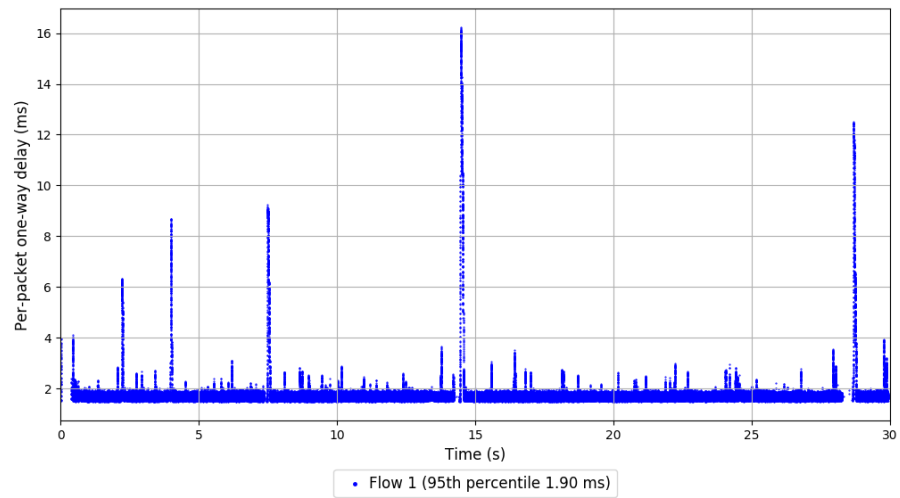
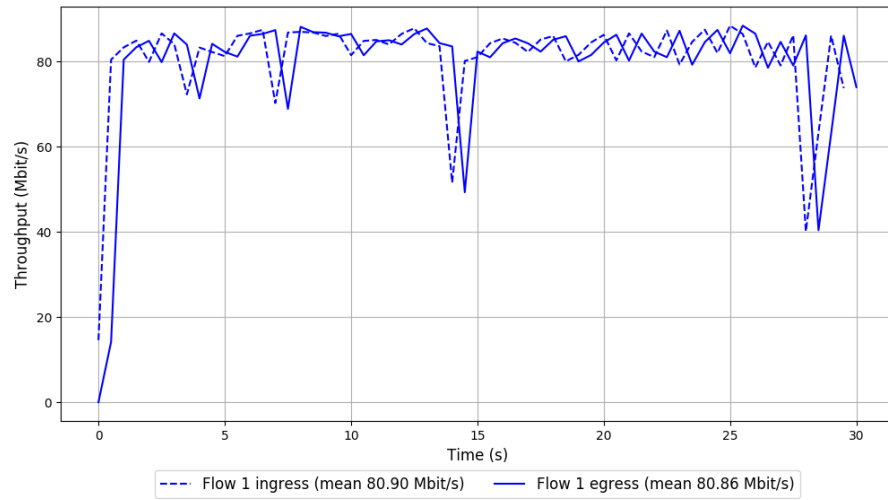
-- Flow 1:

Average throughput: 80.86 Mbit/s

95th percentile per-packet one-way delay: 1.895 ms

Loss rate: 0.04%

Run 3: Report of QUIC Cubic — Data Link

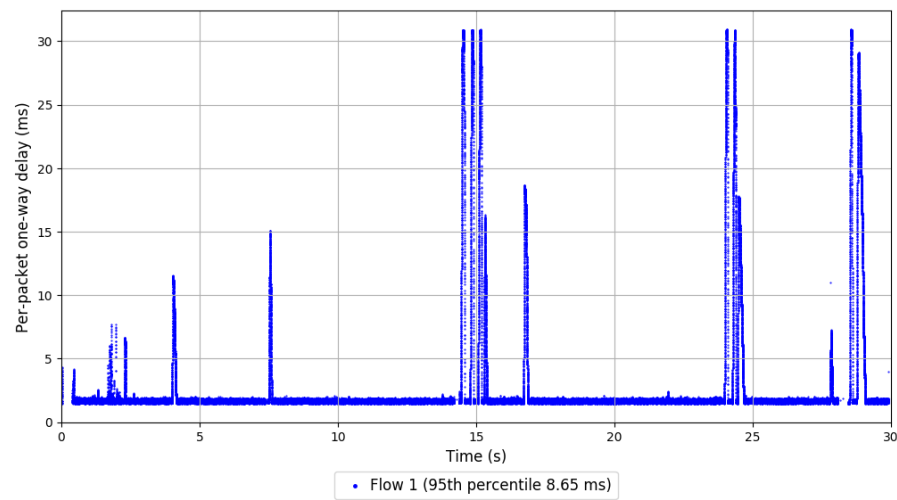
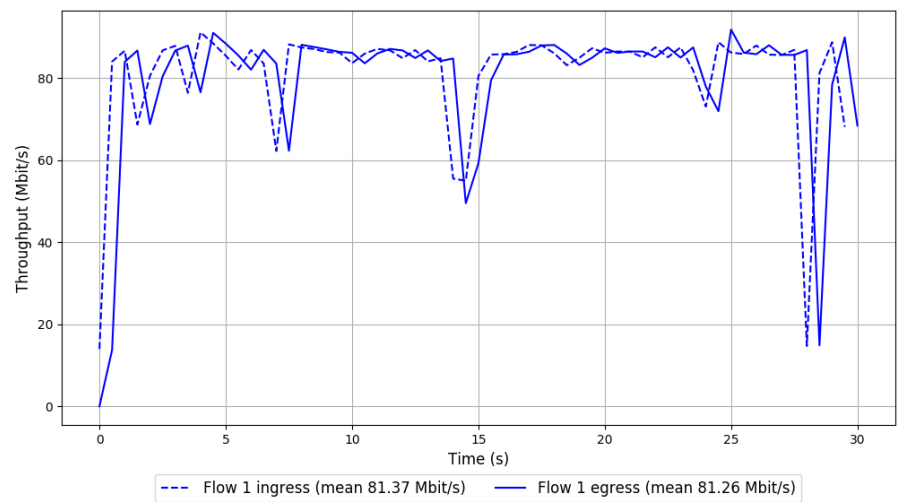


Run 4: Statistics of QUIC Cubic

Start at: 2019-03-18 20:34:20
End at: 2019-03-18 20:34:50
Local clock offset: -5.573 ms
Remote clock offset: -0.036 ms

Below is generated by plot.py at 2019-03-18 21:30:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.26 Mbit/s
95th percentile per-packet one-way delay: 8.648 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 81.26 Mbit/s
95th percentile per-packet one-way delay: 8.648 ms
Loss rate: 0.13%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2019-03-18 20:57:44

End at: 2019-03-18 20:58:14

Local clock offset: -2.082 ms

Remote clock offset: -0.02 ms

Below is generated by plot.py at 2019-03-18 21:31:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.78 Mbit/s

95th percentile per-packet one-way delay: 4.092 ms

Loss rate: 0.37%

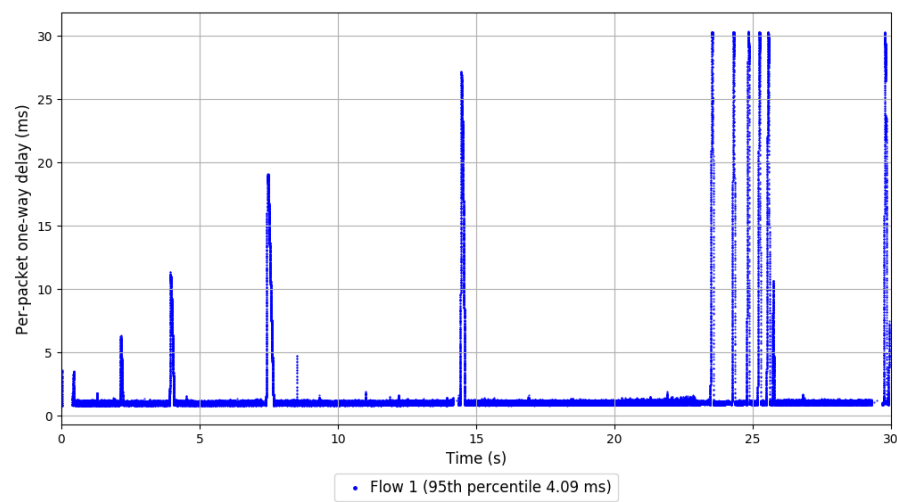
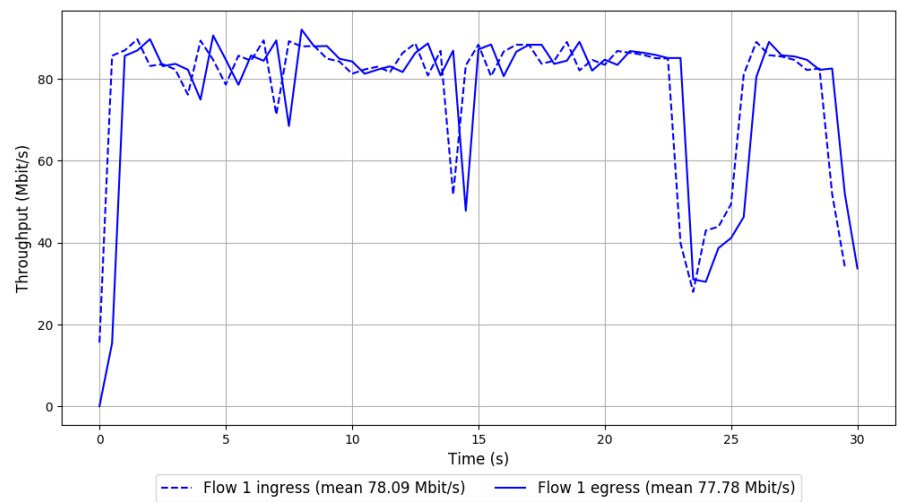
-- Flow 1:

Average throughput: 77.78 Mbit/s

95th percentile per-packet one-way delay: 4.092 ms

Loss rate: 0.37%

Run 5: Report of QUIC Cubic — Data Link

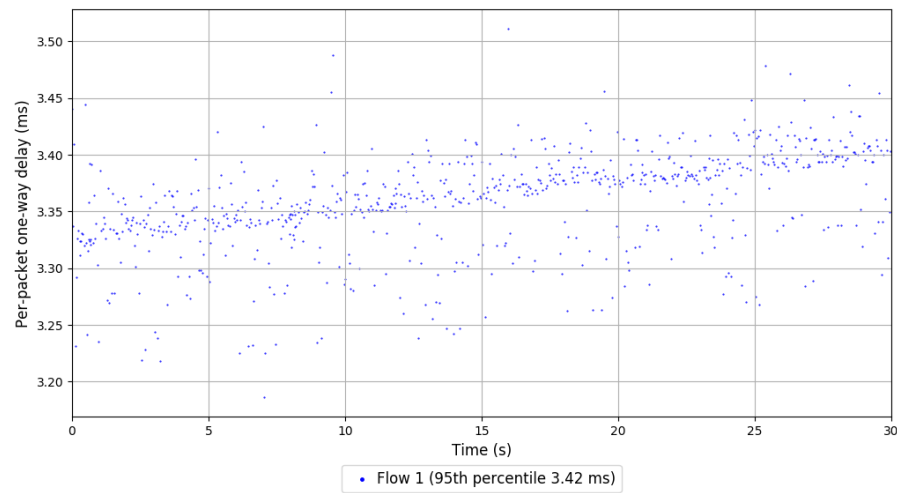
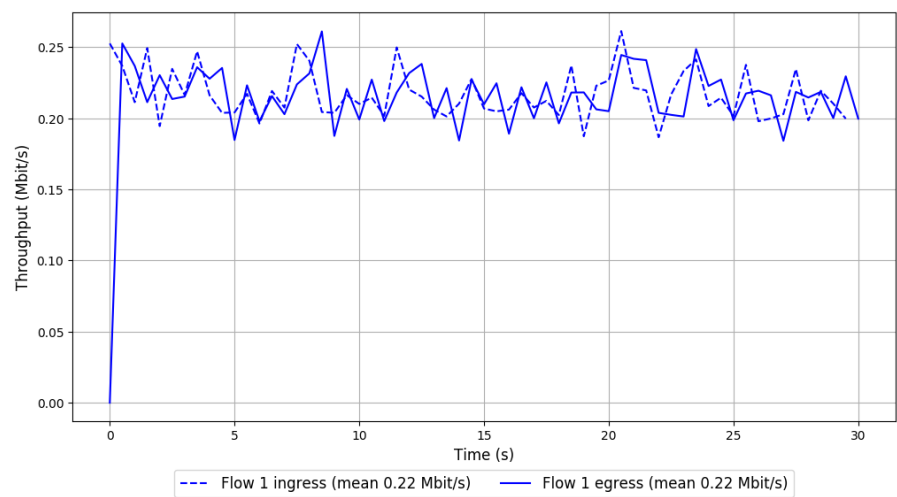


```
Run 1: Statistics of SCReAM

Start at: 2019-03-18 19:35:14
End at: 2019-03-18 19:35:44
Local clock offset: 0.718 ms
Remote clock offset: 0.017 ms

# Below is generated by plot.py at 2019-03-18 21:31:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.417 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.417 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2019-03-18 19:58:41

End at: 2019-03-18 19:59:11

Local clock offset: -3.395 ms

Remote clock offset: 0.011 ms

Below is generated by plot.py at 2019-03-18 21:31:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.610 ms

Loss rate: 0.00%

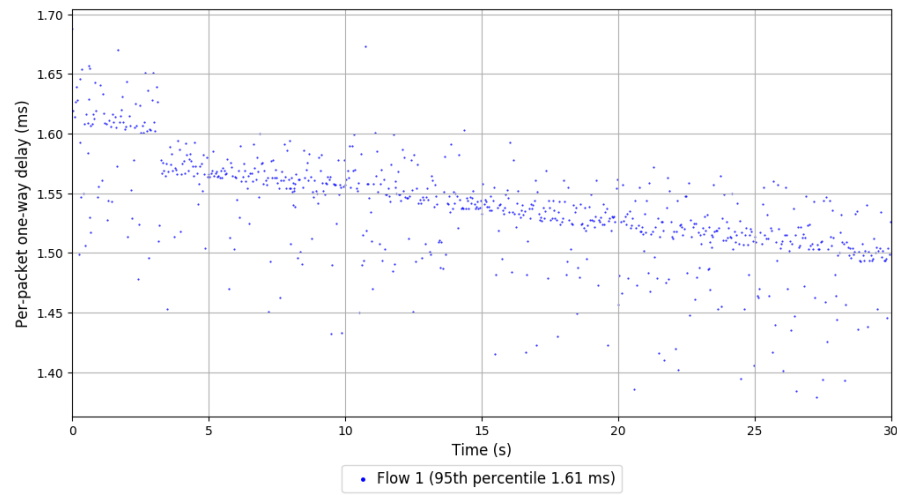
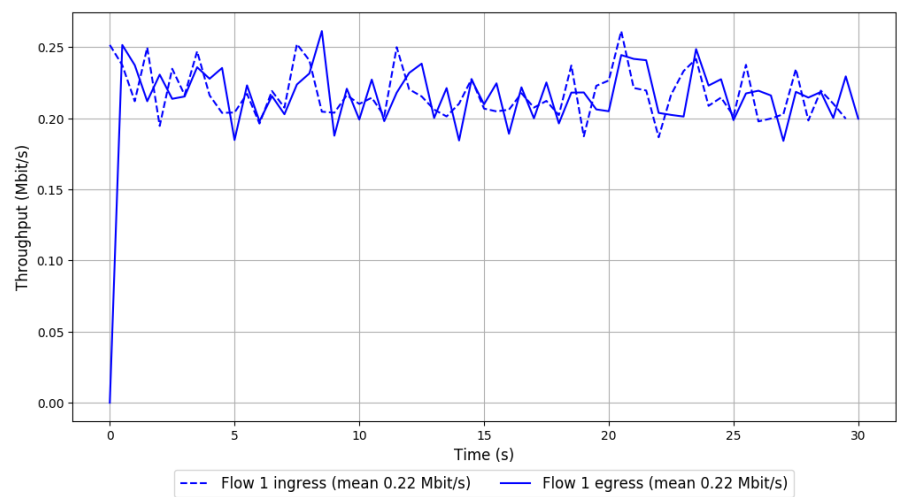
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.610 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

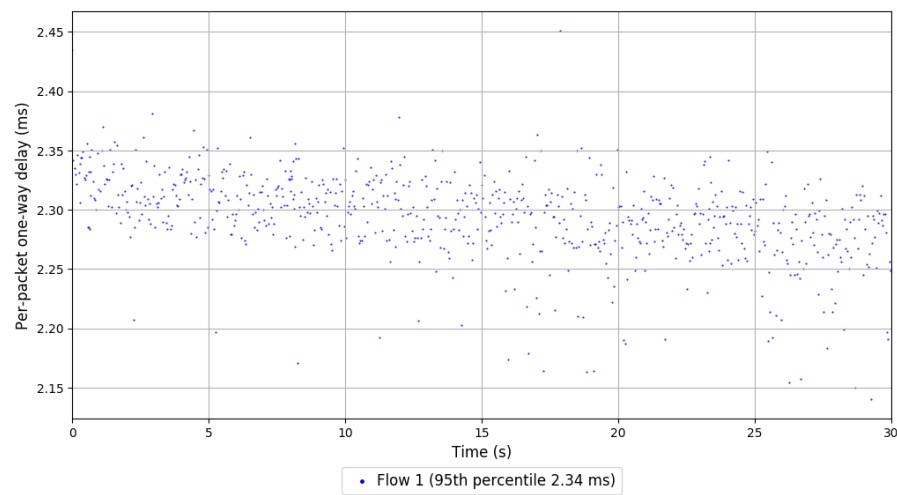
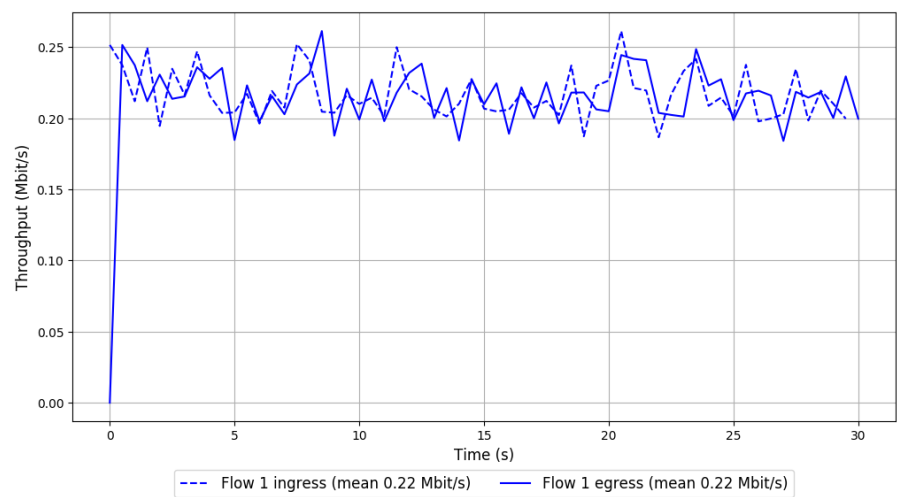


Run 3: Statistics of SCReAM

Start at: 2019-03-18 20:22:06
End at: 2019-03-18 20:22:36
Local clock offset: -4.322 ms
Remote clock offset: -0.044 ms

Below is generated by plot.py at 2019-03-18 21:31:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.344 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.344 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

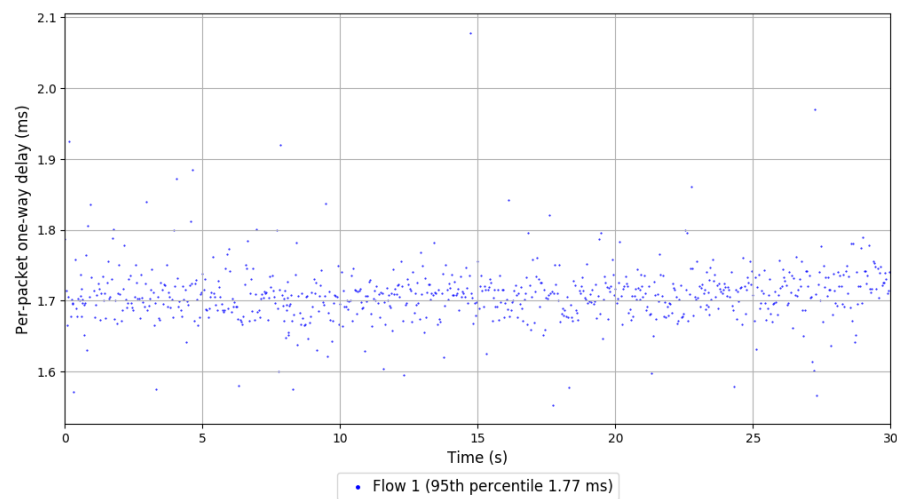
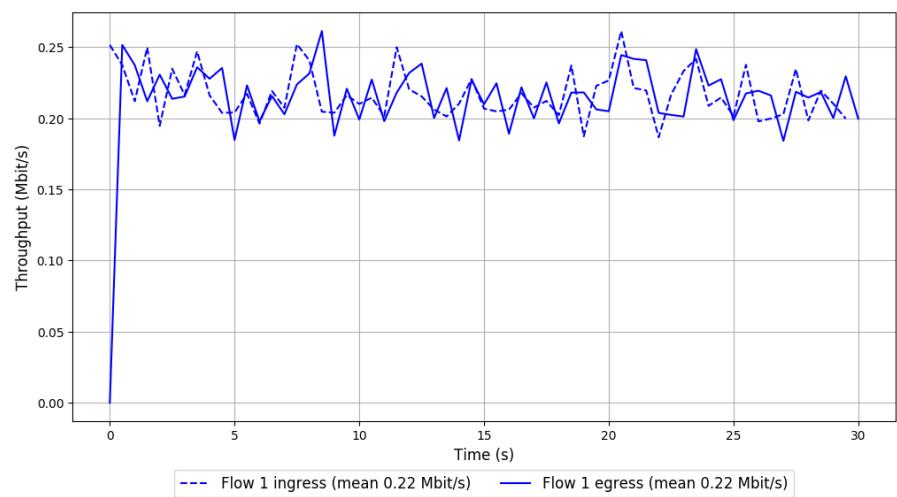


Run 4: Statistics of SCReAM

Start at: 2019-03-18 20:45:32
End at: 2019-03-18 20:46:02
Local clock offset: -5.487 ms
Remote clock offset: -0.014 ms

Below is generated by plot.py at 2019-03-18 21:31:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.766 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.766 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

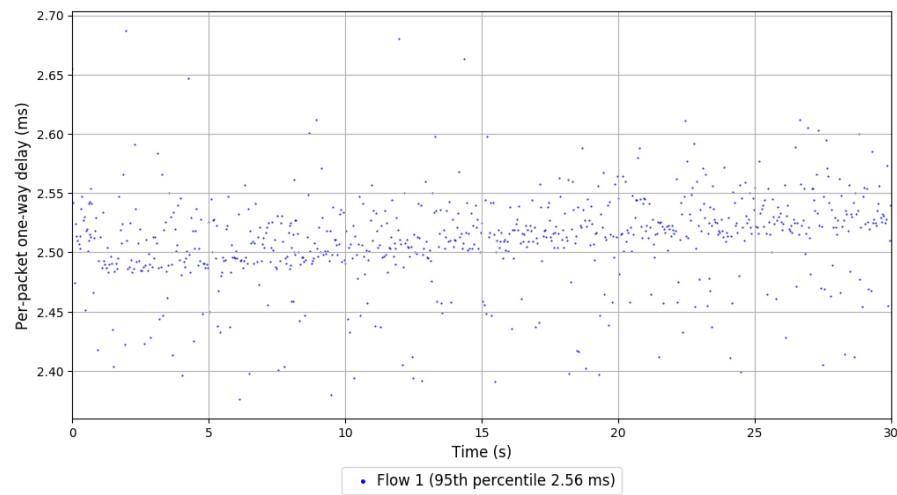
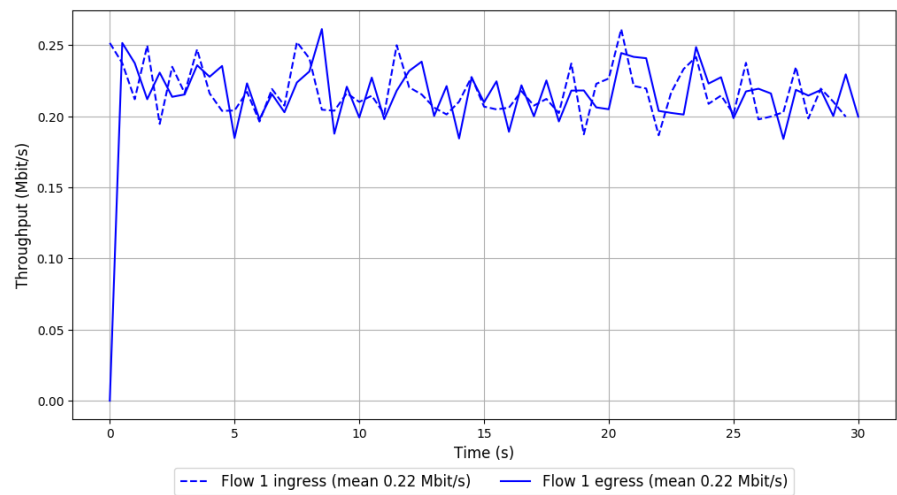


Run 5: Statistics of SCReAM

Start at: 2019-03-18 21:08:56
End at: 2019-03-18 21:09:26
Local clock offset: -0.921 ms
Remote clock offset: -0.011 ms

Below is generated by plot.py at 2019-03-18 21:31:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.564 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.564 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

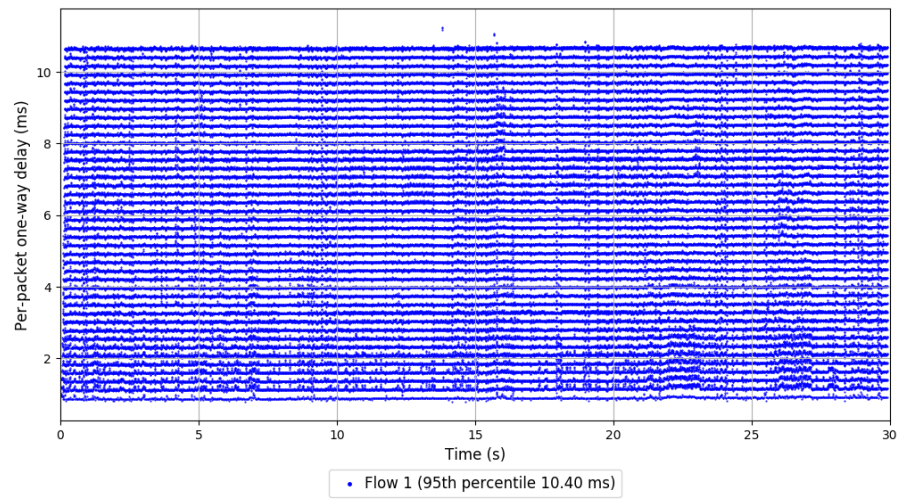
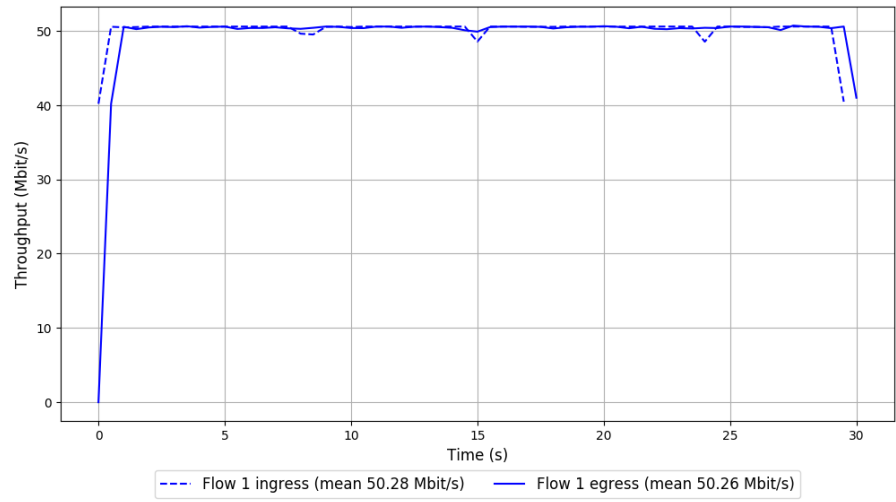


Run 1: Statistics of Sprout

Start at: 2019-03-18 19:25:11
End at: 2019-03-18 19:25:41
Local clock offset: 0.233 ms
Remote clock offset: -0.029 ms

Below is generated by plot.py at 2019-03-18 21:31:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.26 Mbit/s
95th percentile per-packet one-way delay: 10.398 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.26 Mbit/s
95th percentile per-packet one-way delay: 10.398 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

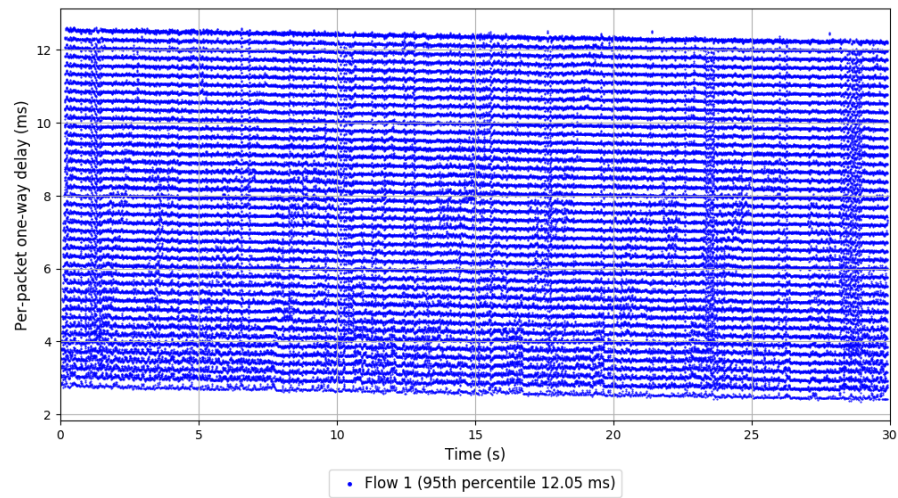
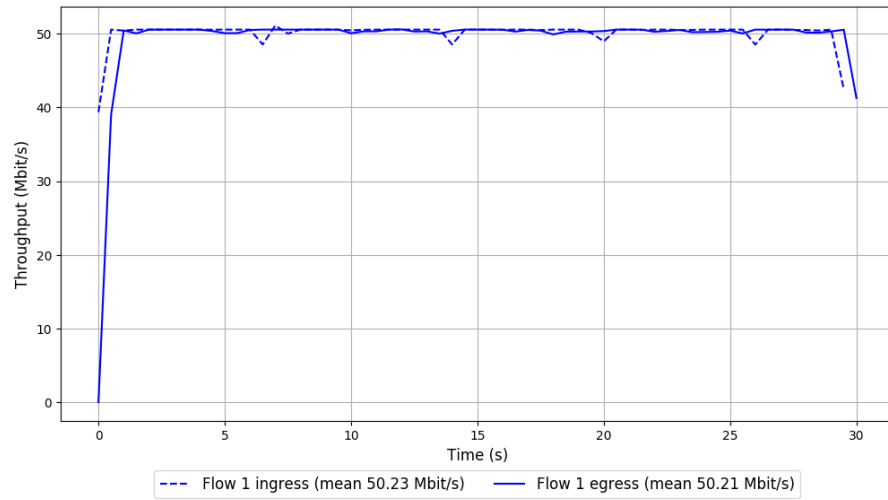


Run 2: Statistics of Sprout

Start at: 2019-03-18 19:48:35
End at: 2019-03-18 19:49:05
Local clock offset: 0.779 ms
Remote clock offset: -0.034 ms

Below is generated by plot.py at 2019-03-18 21:31:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.21 Mbit/s
95th percentile per-packet one-way delay: 12.051 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 50.21 Mbit/s
95th percentile per-packet one-way delay: 12.051 ms
Loss rate: 0.07%

Run 2: Report of Sprout — Data Link

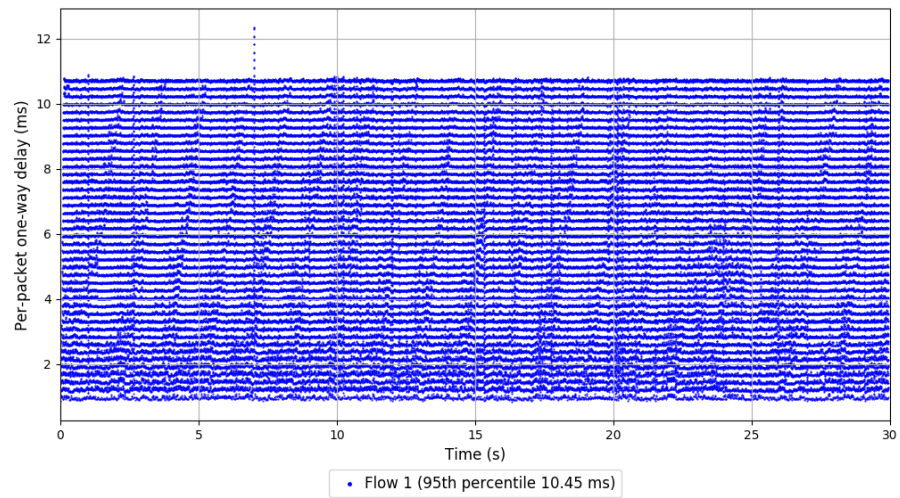
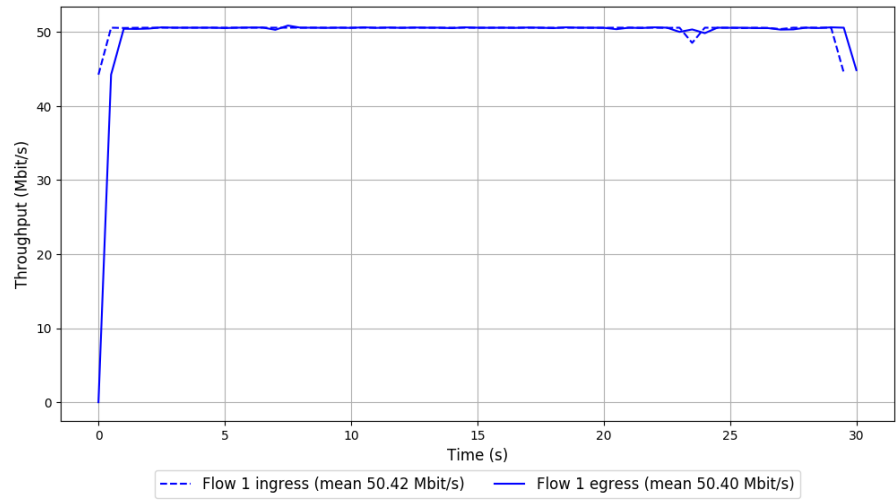


Run 3: Statistics of Sprout

Start at: 2019-03-18 20:12:02
End at: 2019-03-18 20:12:32
Local clock offset: -3.619 ms
Remote clock offset: 0.022 ms

Below is generated by plot.py at 2019-03-18 21:31:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.40 Mbit/s
95th percentile per-packet one-way delay: 10.448 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.40 Mbit/s
95th percentile per-packet one-way delay: 10.448 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

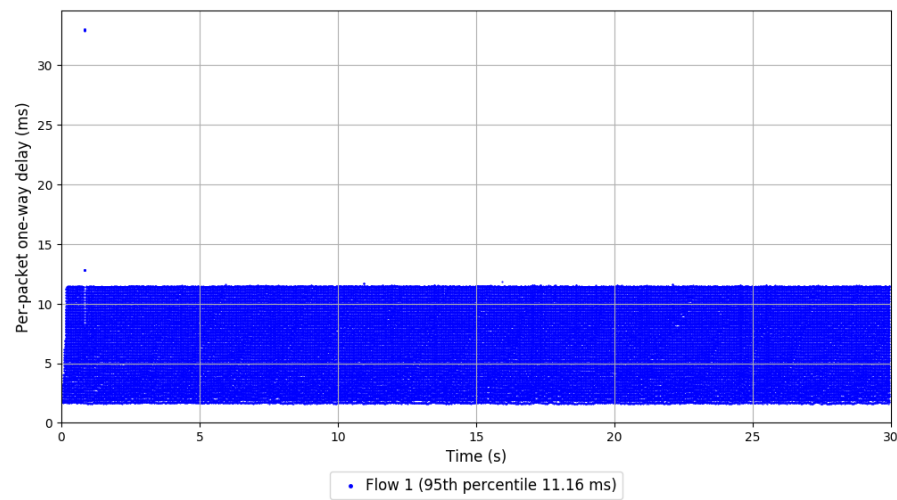
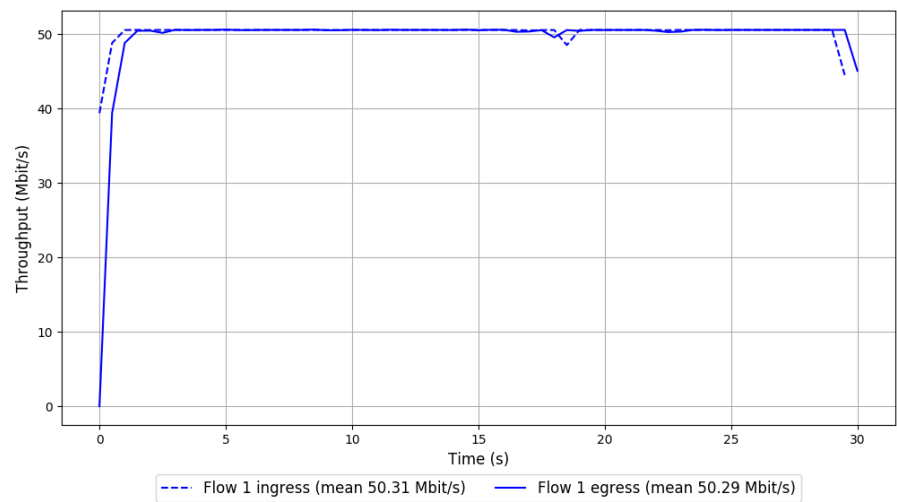


Run 4: Statistics of Sprout

Start at: 2019-03-18 20:35:28
End at: 2019-03-18 20:35:58
Local clock offset: -5.64 ms
Remote clock offset: -0.026 ms

Below is generated by plot.py at 2019-03-18 21:31:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.29 Mbit/s
95th percentile per-packet one-way delay: 11.160 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.29 Mbit/s
95th percentile per-packet one-way delay: 11.160 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

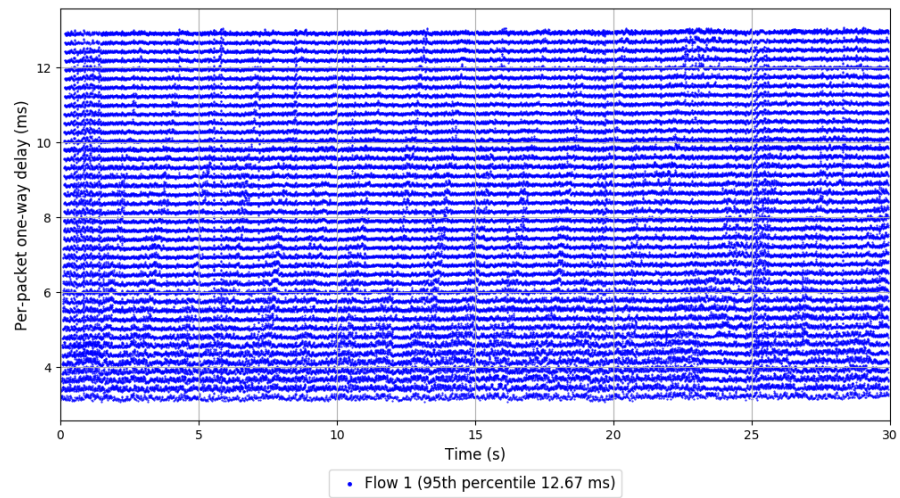
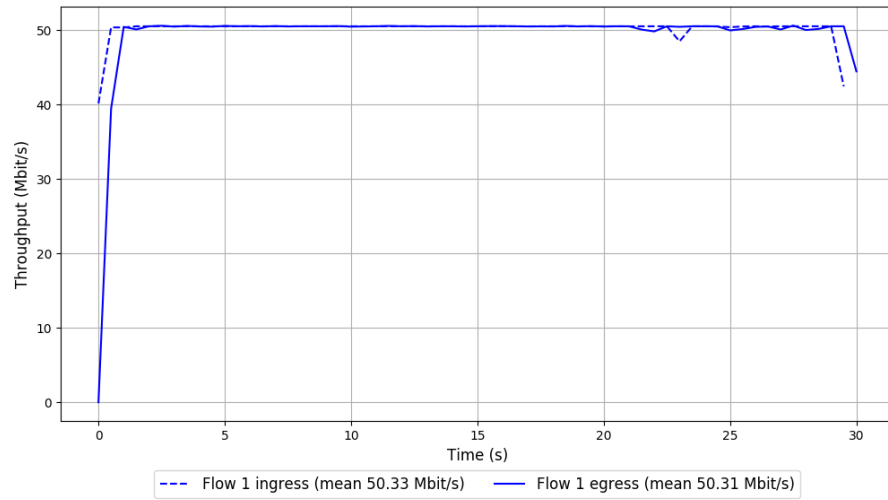


Run 5: Statistics of Sprout

Start at: 2019-03-18 20:58:52
End at: 2019-03-18 20:59:22
Local clock offset: -2.689 ms
Remote clock offset: -0.081 ms

Below is generated by plot.py at 2019-03-18 21:31:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.31 Mbit/s
95th percentile per-packet one-way delay: 12.667 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.31 Mbit/s
95th percentile per-packet one-way delay: 12.667 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

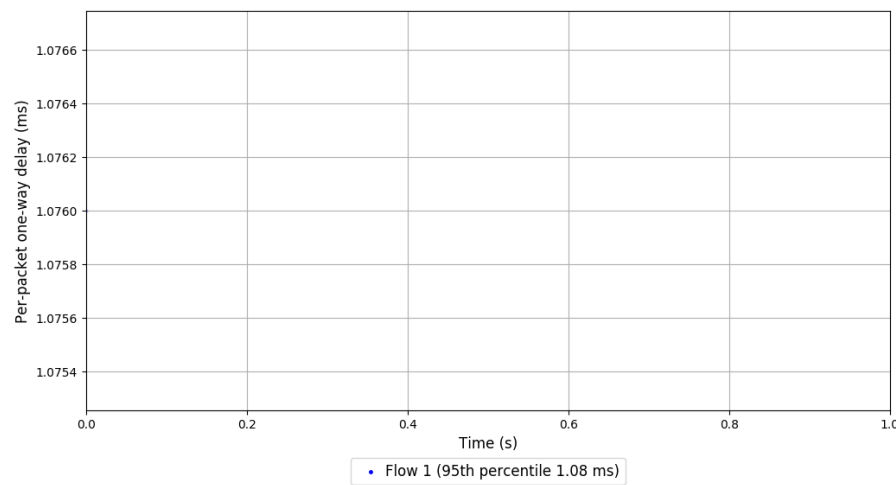
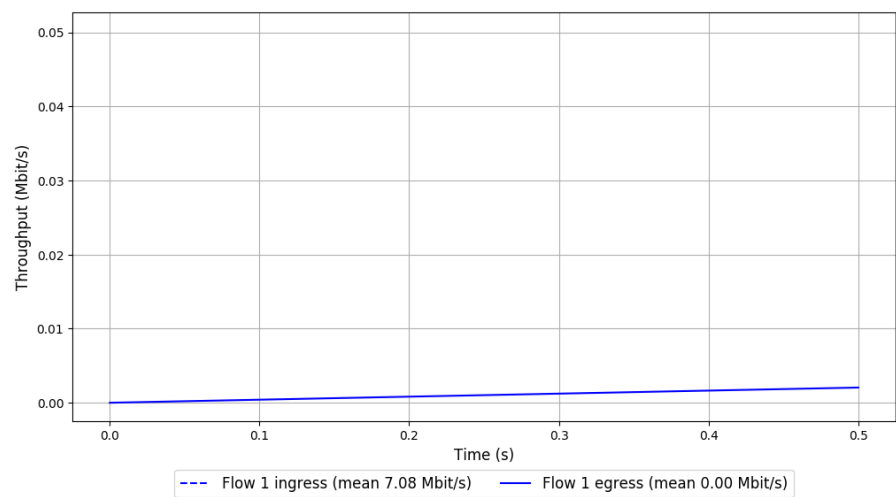
Start at: 2019-03-18 19:27:23

End at: 2019-03-18 19:27:53

Local clock offset: 0.396 ms

Remote clock offset: -0.055 ms

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



Run 2: Statistics of TaoVA-100x

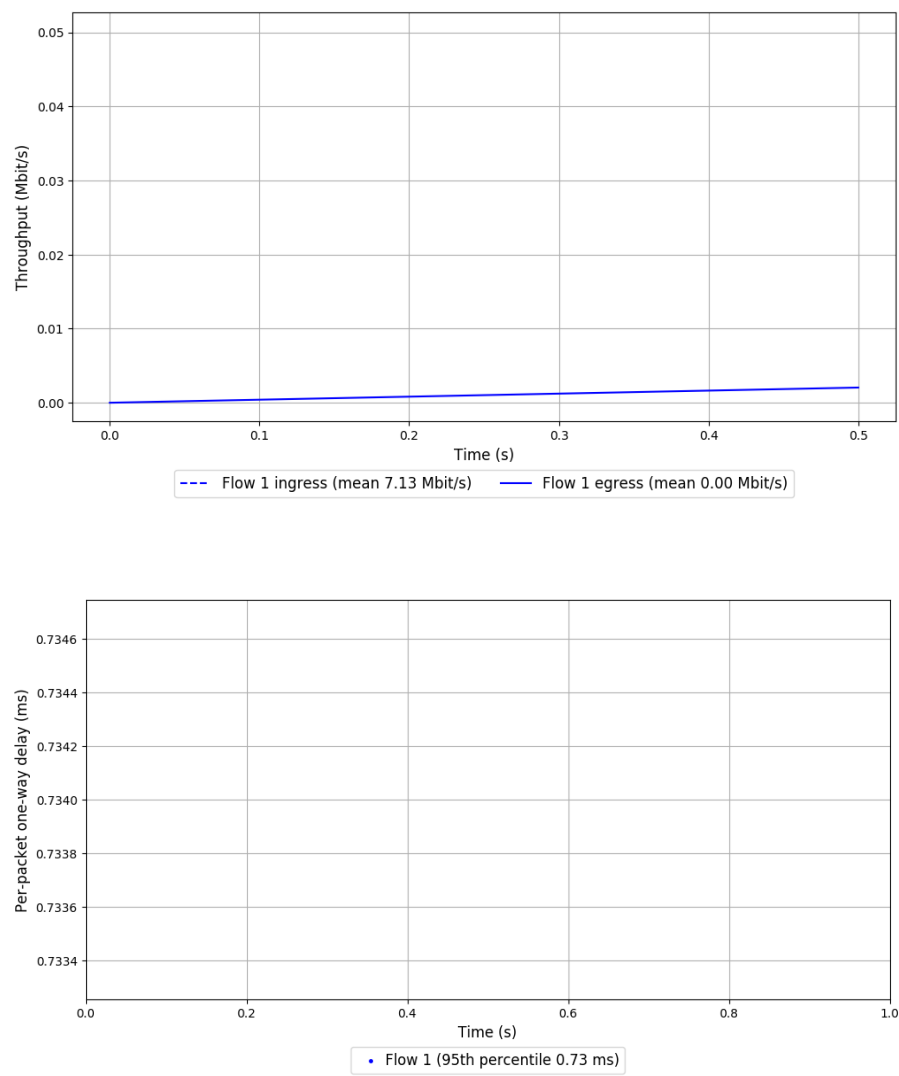
Start at: 2019-03-18 19:50:47

End at: 2019-03-18 19:51:17

Local clock offset: 0.06 ms

Remote clock offset: -0.013 ms

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



Run 3: Statistics of TaoVA-100x

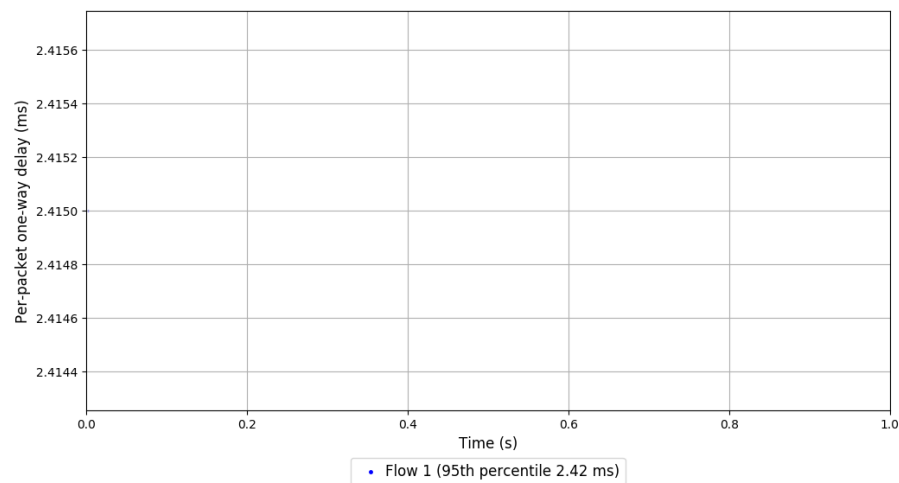
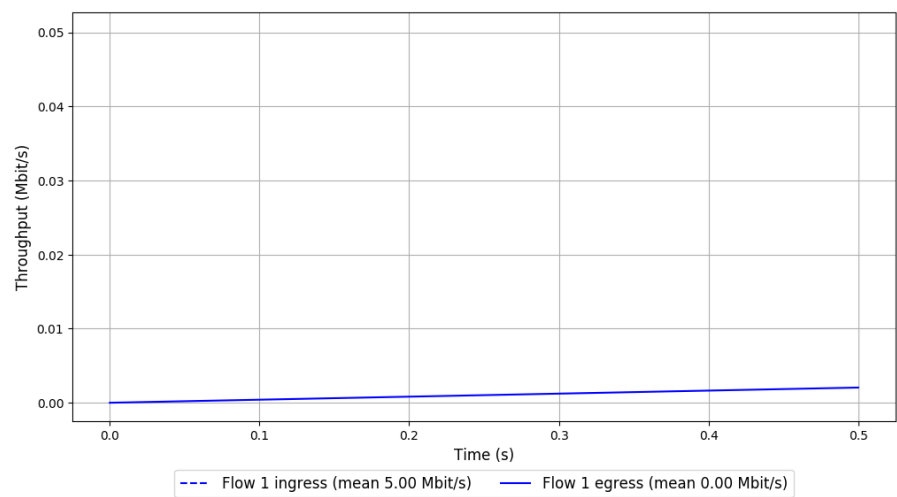
Start at: 2019-03-18 20:14:14

End at: 2019-03-18 20:14:44

Local clock offset: -3.504 ms

Remote clock offset: 0.033 ms

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



Run 4: Statistics of TaoVA-100x

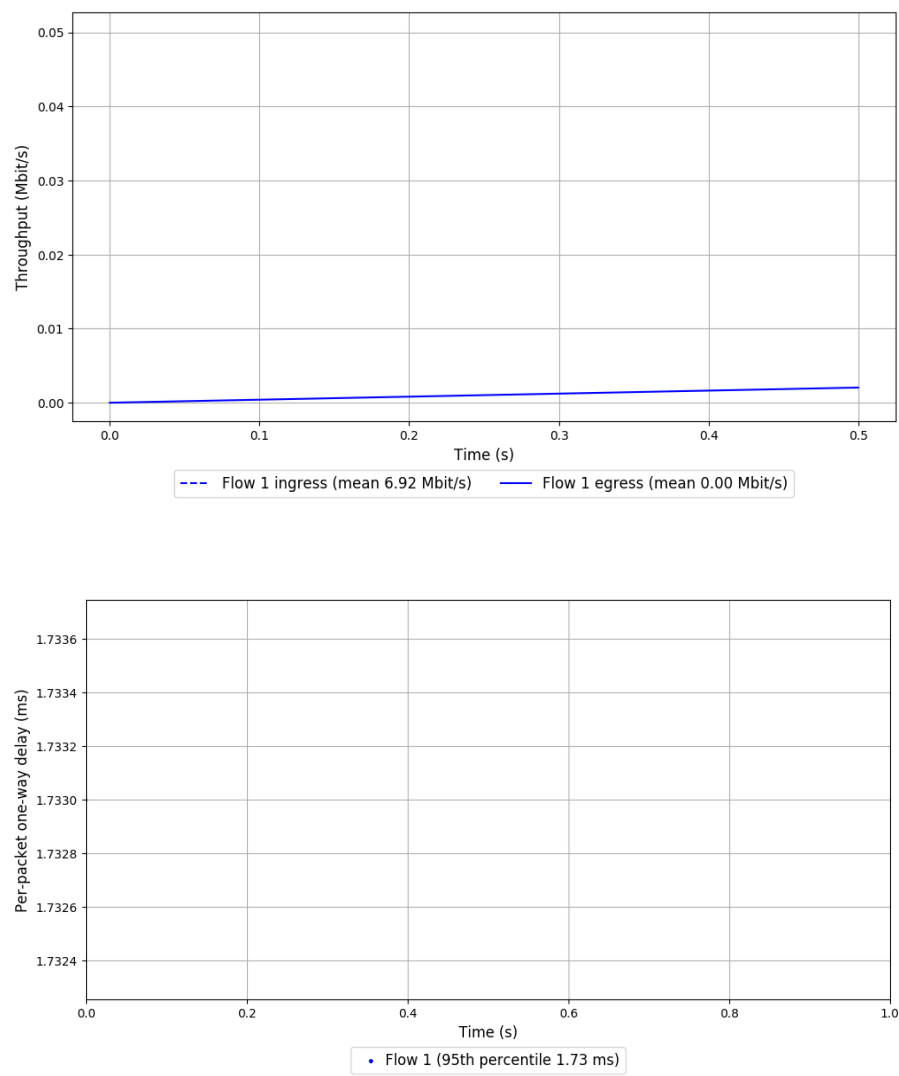
Start at: 2019-03-18 20:37:40

End at: 2019-03-18 20:38:10

Local clock offset: -5.571 ms

Remote clock offset: -0.06 ms

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



Run 5: Statistics of TaoVA-100x

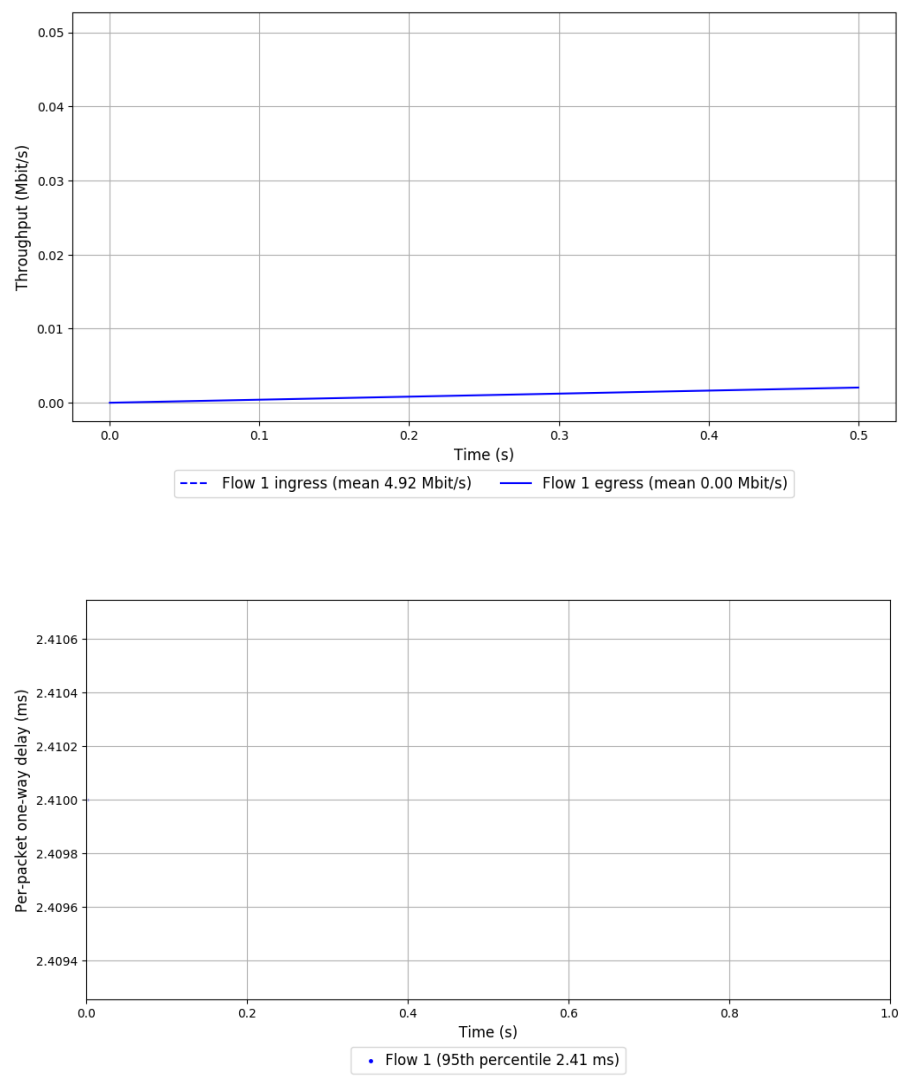
Start at: 2019-03-18 21:01:04

End at: 2019-03-18 21:01:34

Local clock offset: -1.605 ms

Remote clock offset: -0.105 ms

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

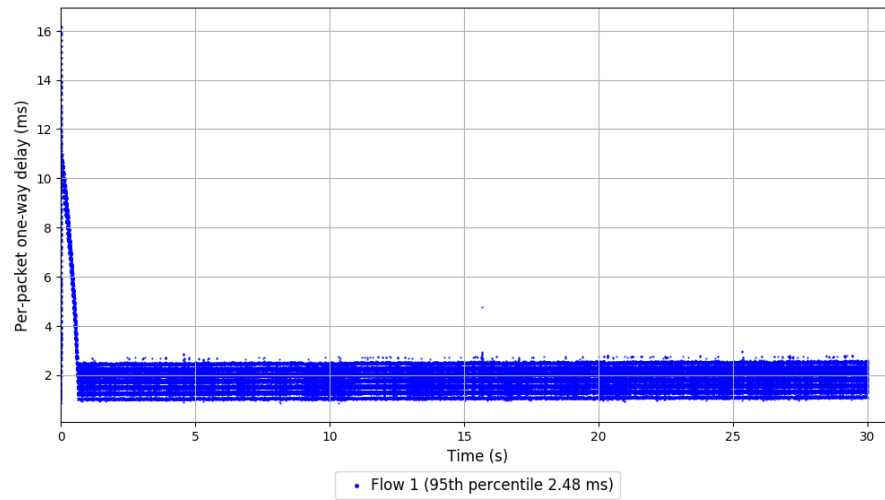
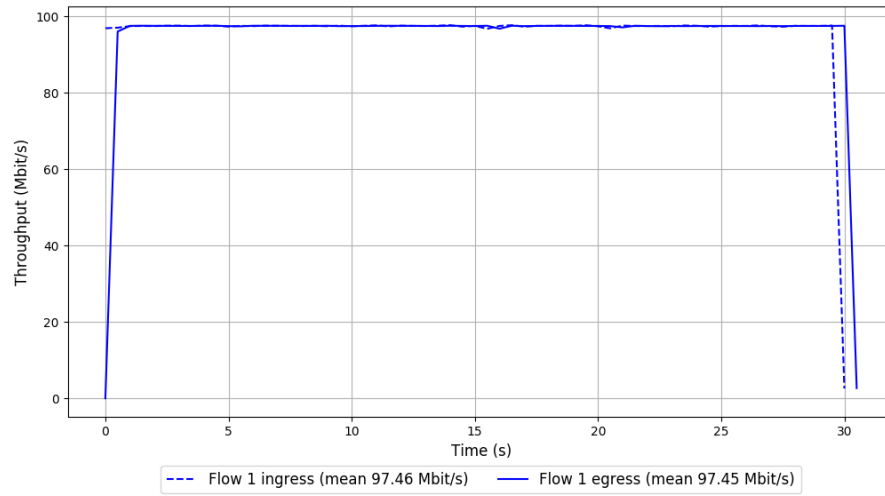


Run 1: Statistics of TCP Vegas

Start at: 2019-03-18 19:43:03
End at: 2019-03-18 19:43:33
Local clock offset: 2.857 ms
Remote clock offset: -0.024 ms

Below is generated by plot.py at 2019-03-18 21:32:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.45 Mbit/s
95th percentile per-packet one-way delay: 2.479 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.45 Mbit/s
95th percentile per-packet one-way delay: 2.479 ms
Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2019-03-18 20:06:29

End at: 2019-03-18 20:06:59

Local clock offset: -3.498 ms

Remote clock offset: 0.013 ms

Below is generated by plot.py at 2019-03-18 21:32:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.46 Mbit/s

95th percentile per-packet one-way delay: 3.913 ms

Loss rate: 0.00%

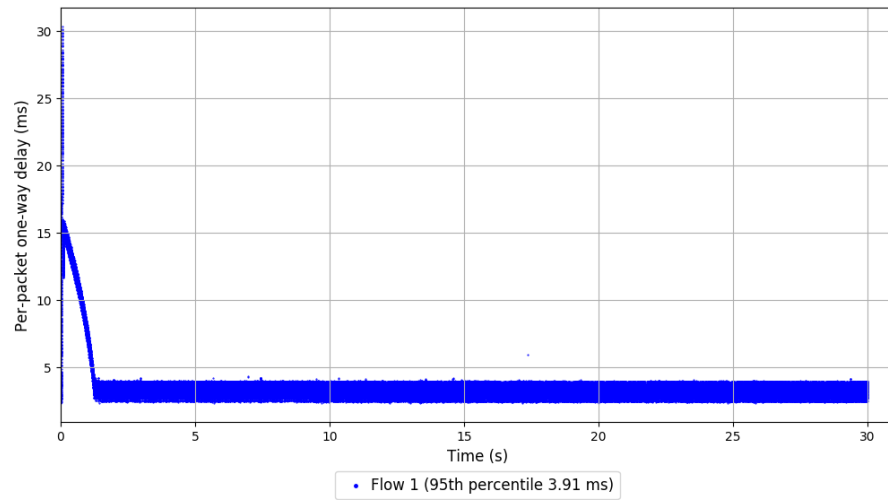
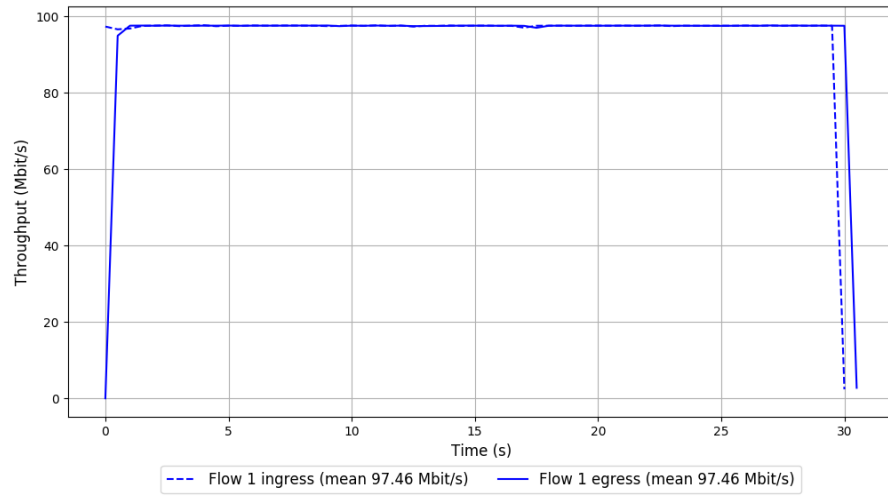
-- Flow 1:

Average throughput: 97.46 Mbit/s

95th percentile per-packet one-way delay: 3.913 ms

Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

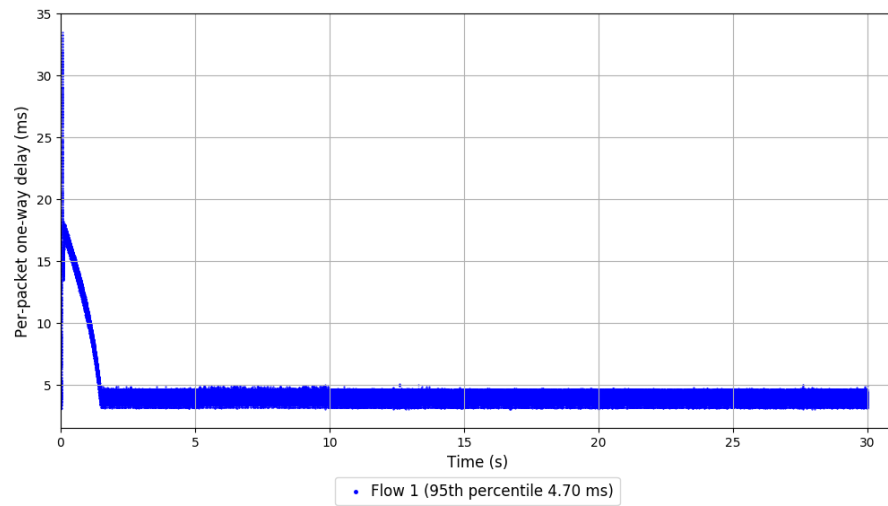
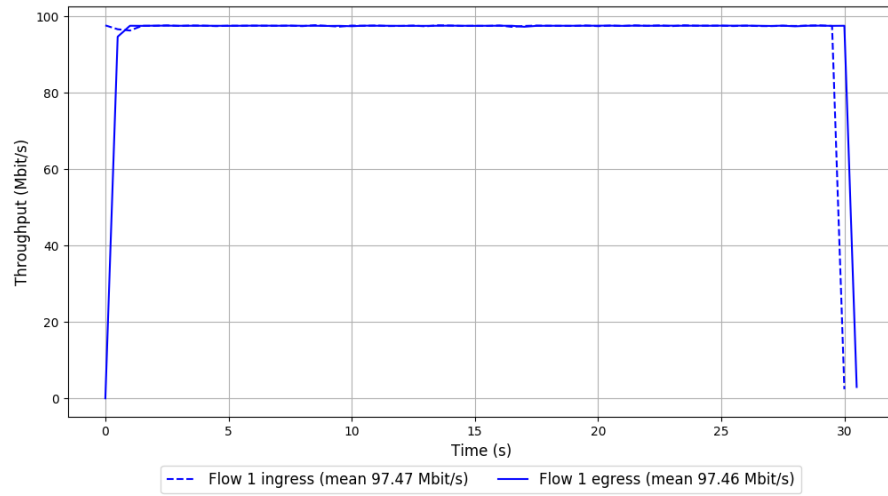


Run 3: Statistics of TCP Vegas

Start at: 2019-03-18 20:29:55
End at: 2019-03-18 20:30:25
Local clock offset: -5.519 ms
Remote clock offset: -0.002 ms

Below is generated by plot.py at 2019-03-18 21:32:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 4.696 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 4.696 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2019-03-18 20:53:19

End at: 2019-03-18 20:53:49

Local clock offset: -3.566 ms

Remote clock offset: -0.02 ms

Below is generated by plot.py at 2019-03-18 21:32:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.41 Mbit/s

95th percentile per-packet one-way delay: 4.786 ms

Loss rate: 0.00%

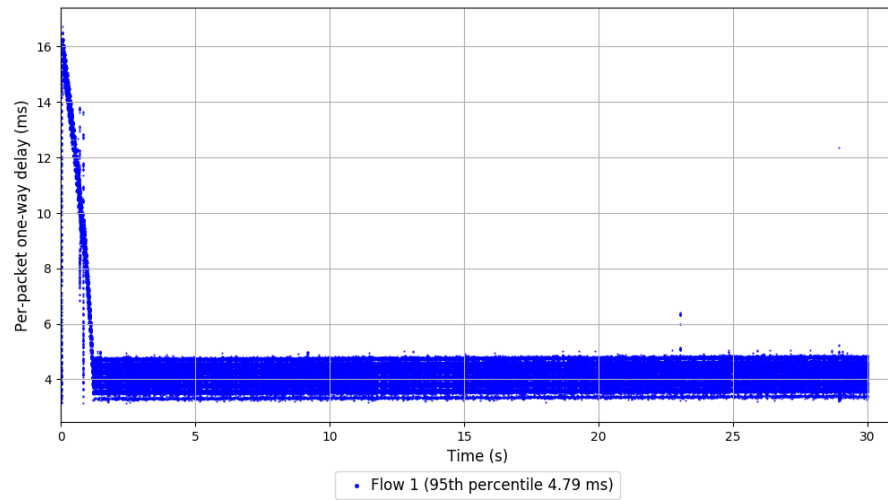
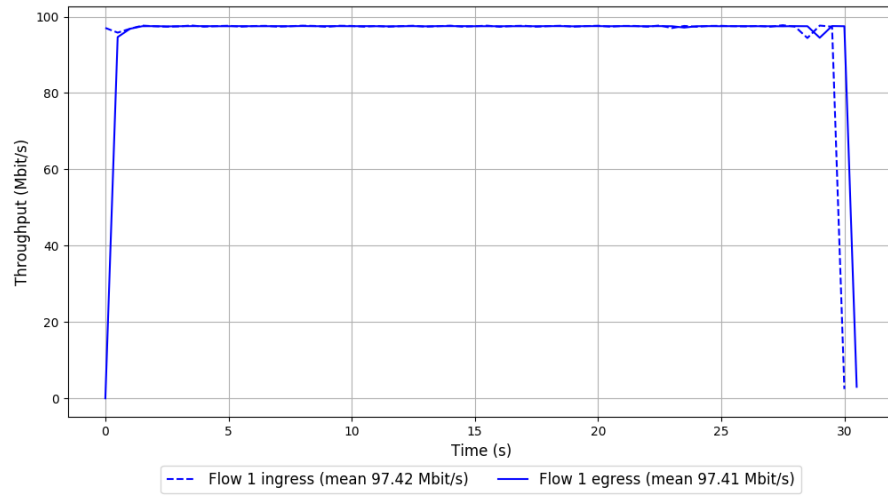
-- Flow 1:

Average throughput: 97.41 Mbit/s

95th percentile per-packet one-way delay: 4.786 ms

Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

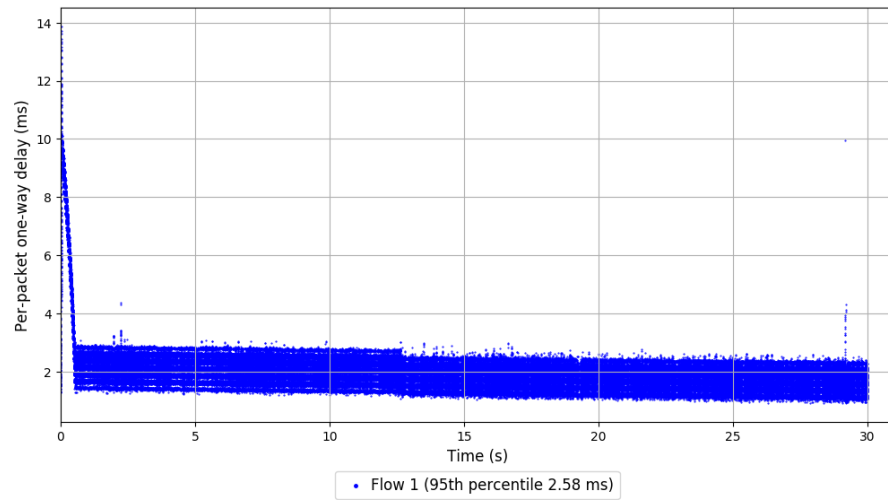
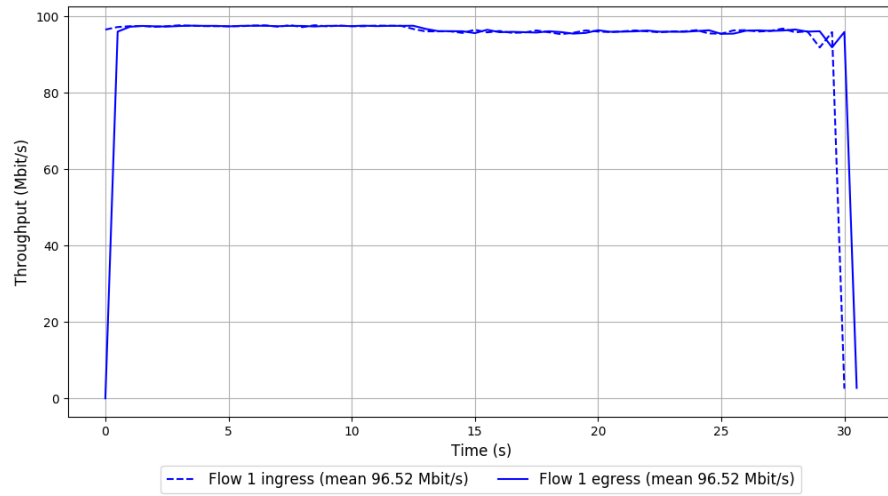


Run 5: Statistics of TCP Vegas

Start at: 2019-03-18 21:16:44
End at: 2019-03-18 21:17:14
Local clock offset: -1.298 ms
Remote clock offset: -0.017 ms

Below is generated by plot.py at 2019-03-18 21:32:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.52 Mbit/s
95th percentile per-packet one-way delay: 2.585 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.52 Mbit/s
95th percentile per-packet one-way delay: 2.585 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2019-03-18 19:29:34

End at: 2019-03-18 19:30:04

Local clock offset: -0.053 ms

Remote clock offset: 0.011 ms

Below is generated by plot.py at 2019-03-18 21:32:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 31.84 Mbit/s

95th percentile per-packet one-way delay: 9.553 ms

Loss rate: 2.09%

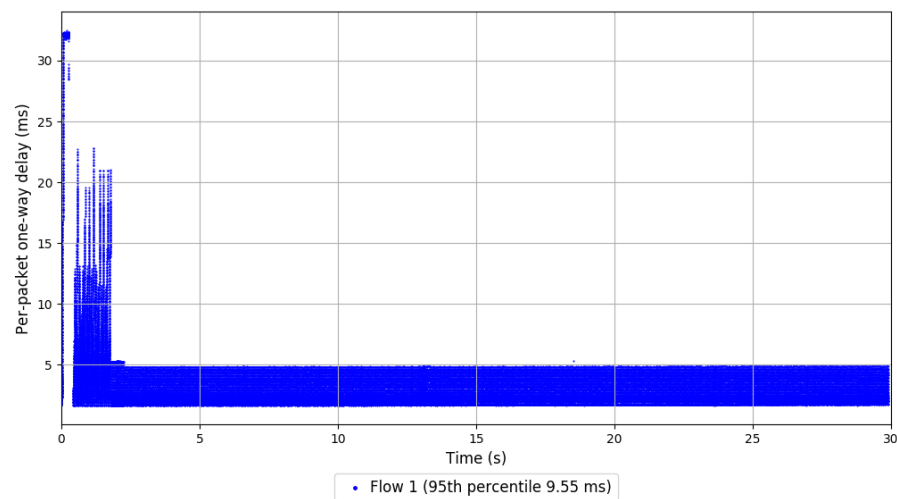
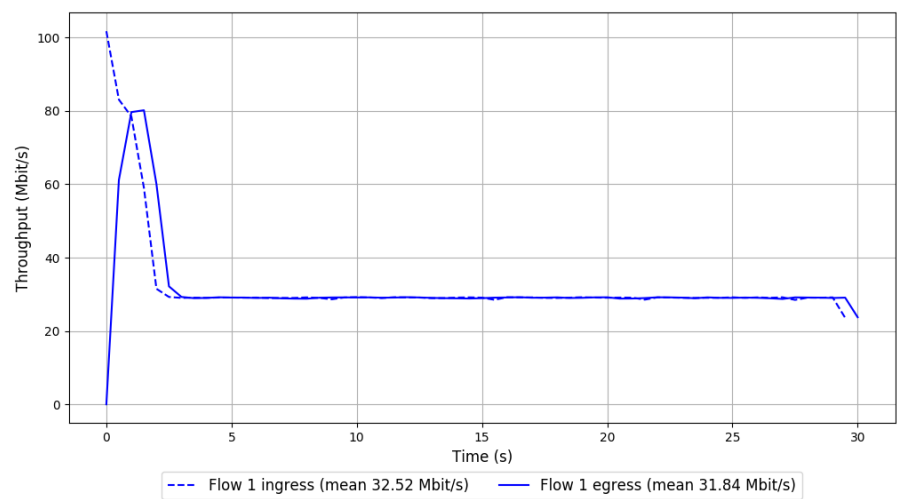
-- Flow 1:

Average throughput: 31.84 Mbit/s

95th percentile per-packet one-way delay: 9.553 ms

Loss rate: 2.09%

Run 1: Report of Verus — Data Link

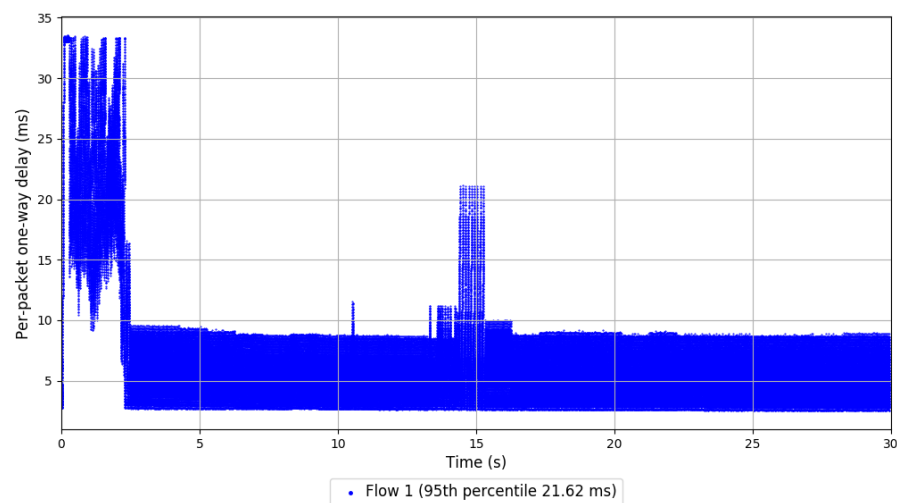
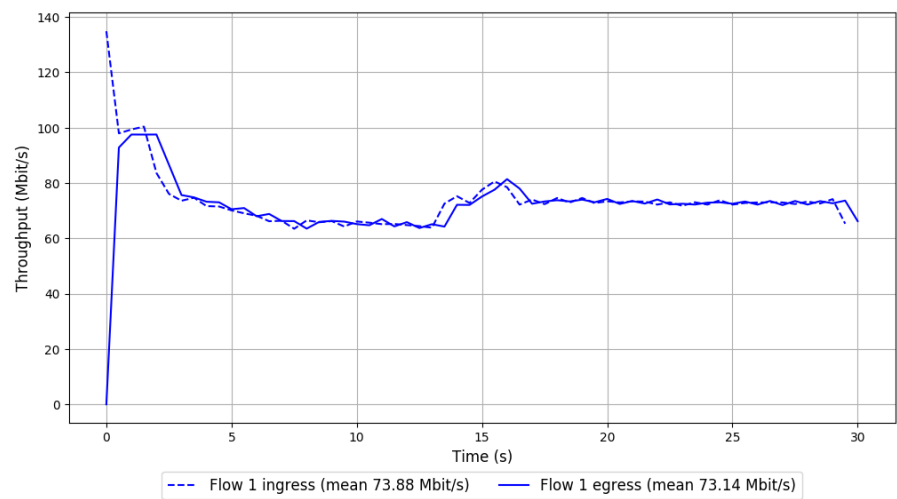


Run 2: Statistics of Verus

Start at: 2019-03-18 19:52:58
End at: 2019-03-18 19:53:28
Local clock offset: -1.668 ms
Remote clock offset: -0.08 ms

Below is generated by plot.py at 2019-03-18 21:32:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.14 Mbit/s
95th percentile per-packet one-way delay: 21.625 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 73.14 Mbit/s
95th percentile per-packet one-way delay: 21.625 ms
Loss rate: 0.99%

Run 2: Report of Verus — Data Link

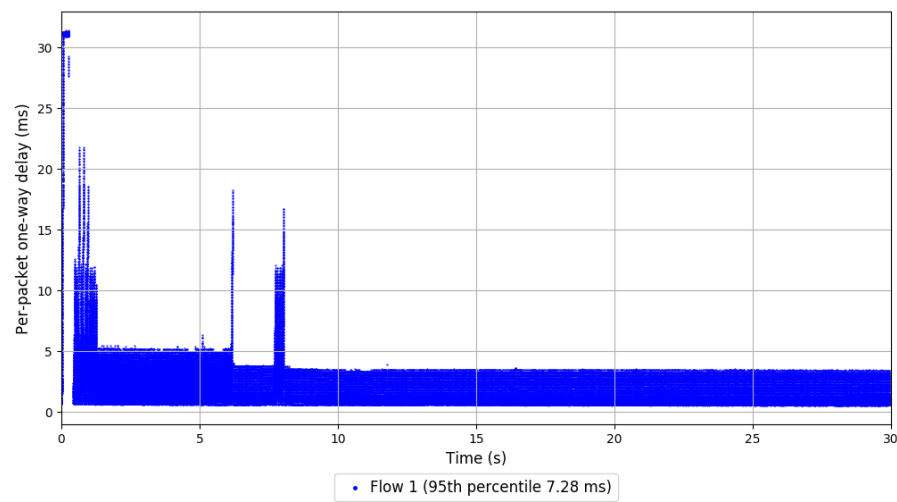
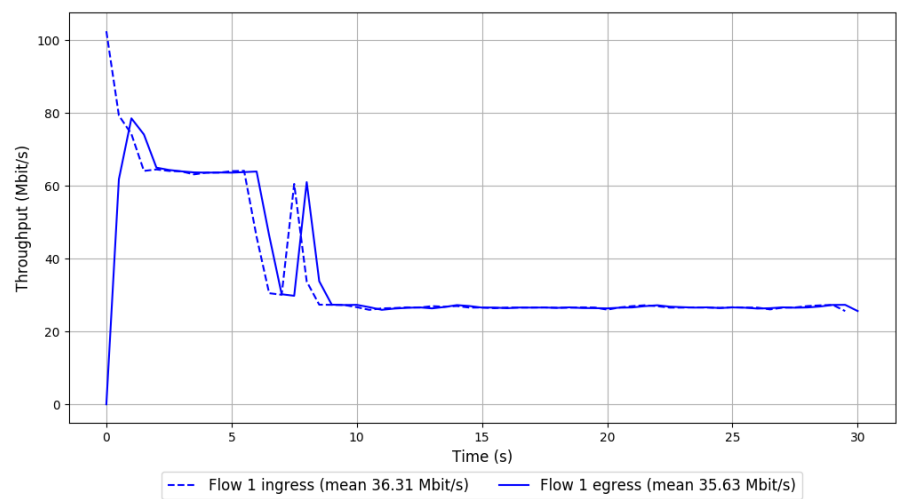


Run 3: Statistics of Verus

Start at: 2019-03-18 20:16:26
End at: 2019-03-18 20:16:56
Local clock offset: -3.488 ms
Remote clock offset: -0.01 ms

Below is generated by plot.py at 2019-03-18 21:32:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 35.63 Mbit/s
95th percentile per-packet one-way delay: 7.276 ms
Loss rate: 1.87%
-- Flow 1:
Average throughput: 35.63 Mbit/s
95th percentile per-packet one-way delay: 7.276 ms
Loss rate: 1.87%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2019-03-18 20:39:51

End at: 2019-03-18 20:40:21

Local clock offset: -4.802 ms

Remote clock offset: 0.034 ms

Below is generated by plot.py at 2019-03-18 21:32:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.49 Mbit/s

95th percentile per-packet one-way delay: 6.527 ms

Loss rate: 1.47%

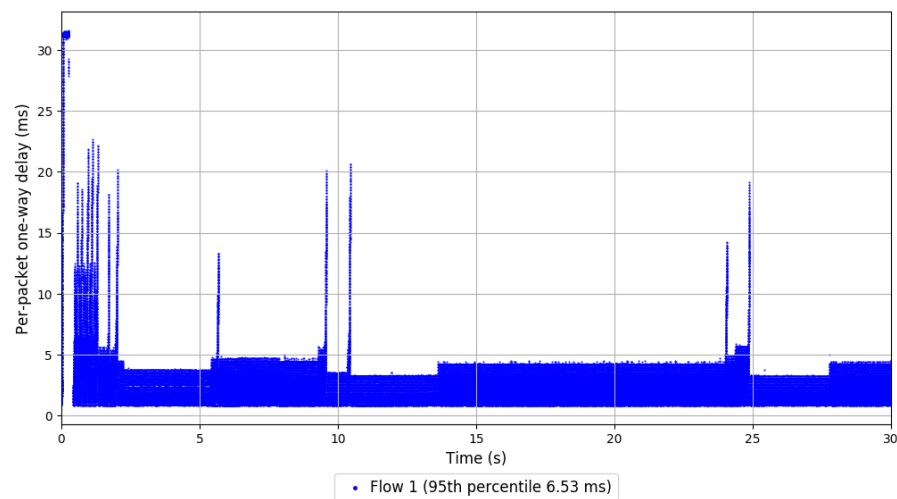
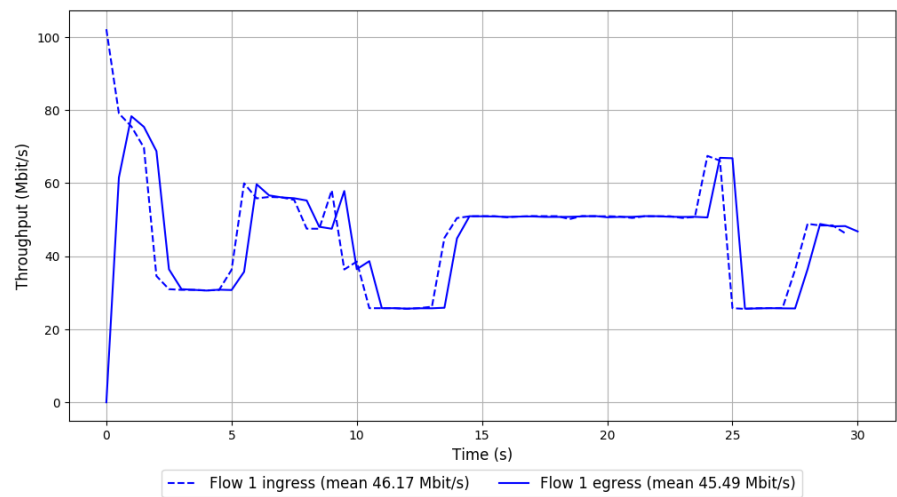
-- Flow 1:

Average throughput: 45.49 Mbit/s

95th percentile per-packet one-way delay: 6.527 ms

Loss rate: 1.47%

Run 4: Report of Verus — Data Link

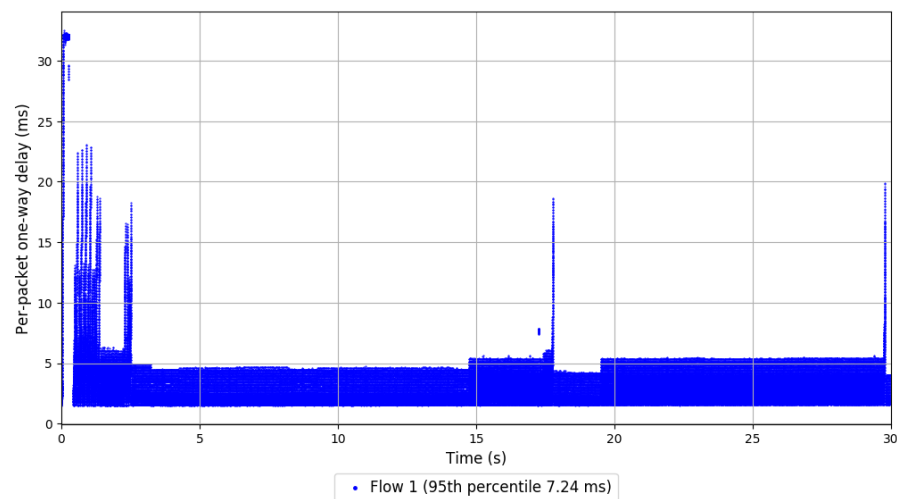
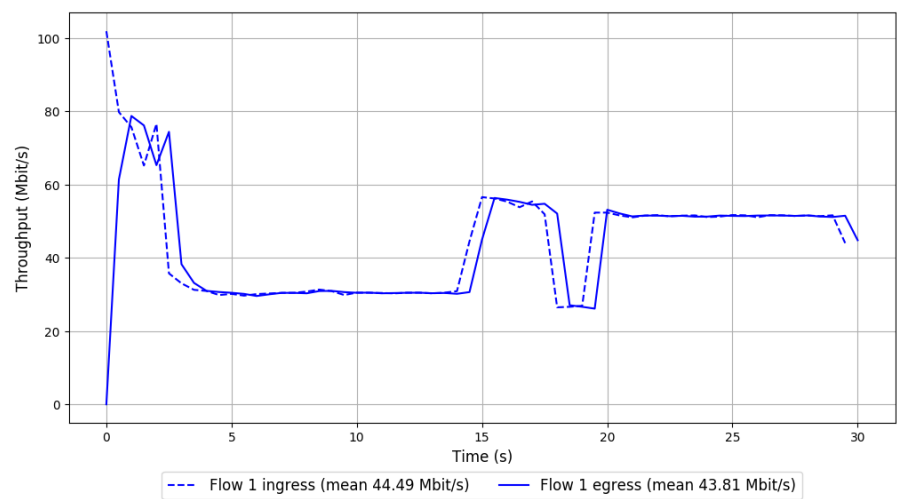


Run 5: Statistics of Verus

Start at: 2019-03-18 21:03:15
End at: 2019-03-18 21:03:45
Local clock offset: -2.161 ms
Remote clock offset: -0.068 ms

Below is generated by plot.py at 2019-03-18 21:32:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.81 Mbit/s
95th percentile per-packet one-way delay: 7.241 ms
Loss rate: 1.52%
-- Flow 1:
Average throughput: 43.81 Mbit/s
95th percentile per-packet one-way delay: 7.241 ms
Loss rate: 1.52%

Run 5: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2019-03-18 19:40:46

End at: 2019-03-18 19:41:16

Local clock offset: 1.702 ms

Remote clock offset: -0.016 ms

Below is generated by plot.py at 2019-03-18 21:32:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.38 Mbit/s

95th percentile per-packet one-way delay: 1.909 ms

Loss rate: 0.00%

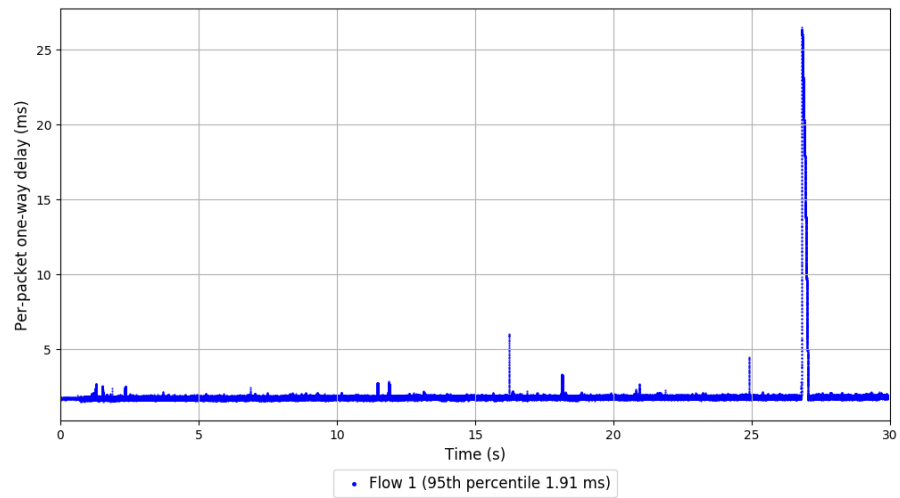
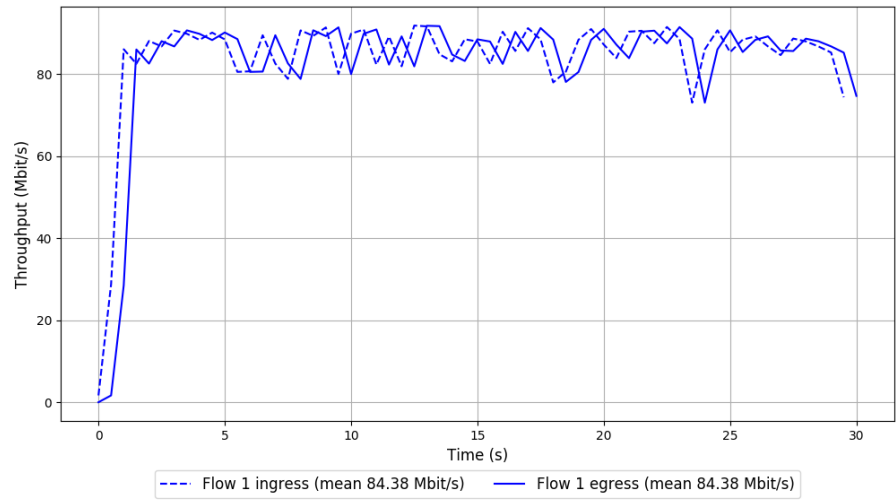
-- Flow 1:

Average throughput: 84.38 Mbit/s

95th percentile per-packet one-way delay: 1.909 ms

Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2019-03-18 20:04:12

End at: 2019-03-18 20:04:42

Local clock offset: -4.14 ms

Remote clock offset: -0.029 ms

Below is generated by plot.py at 2019-03-18 21:32:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.47 Mbit/s

95th percentile per-packet one-way delay: 1.757 ms

Loss rate: 0.00%

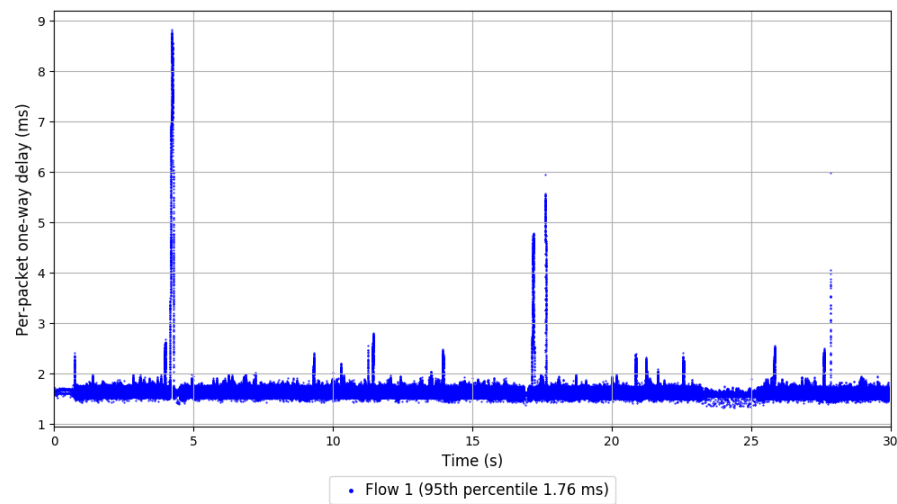
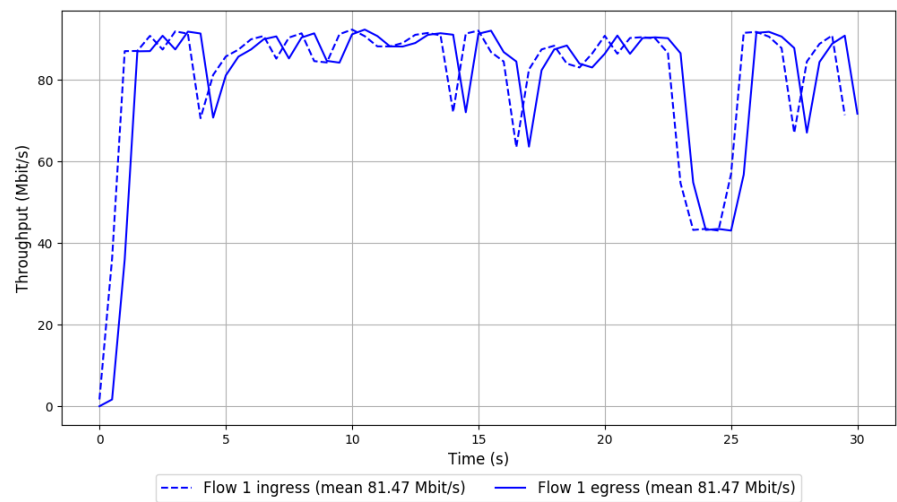
-- Flow 1:

Average throughput: 81.47 Mbit/s

95th percentile per-packet one-way delay: 1.757 ms

Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link

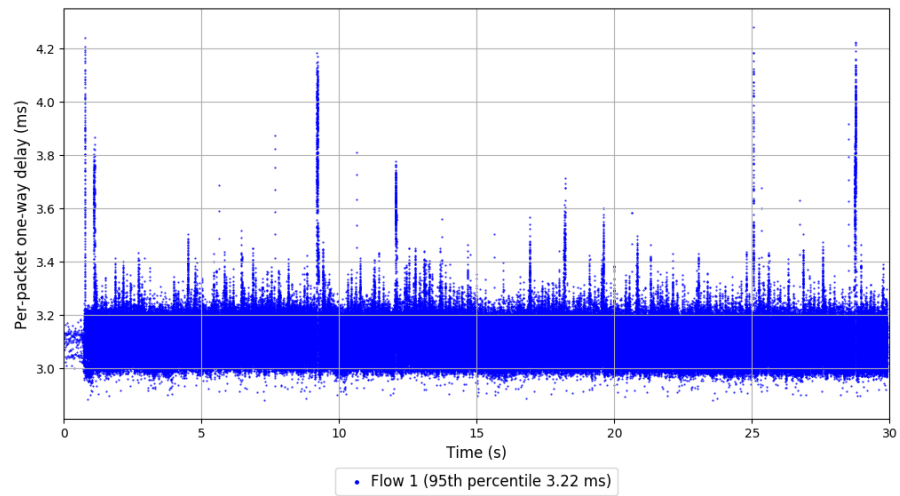
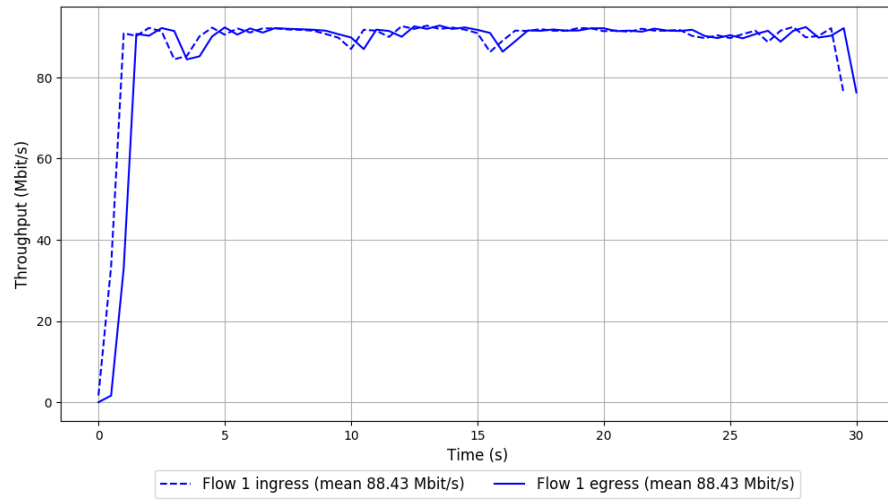


Run 3: Statistics of PCC-Vivace

Start at: 2019-03-18 20:27:37
End at: 2019-03-18 20:28:07
Local clock offset: -5.466 ms
Remote clock offset: -0.051 ms

Below is generated by plot.py at 2019-03-18 21:32:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.43 Mbit/s
95th percentile per-packet one-way delay: 3.223 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.43 Mbit/s
95th percentile per-packet one-way delay: 3.223 ms
Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link

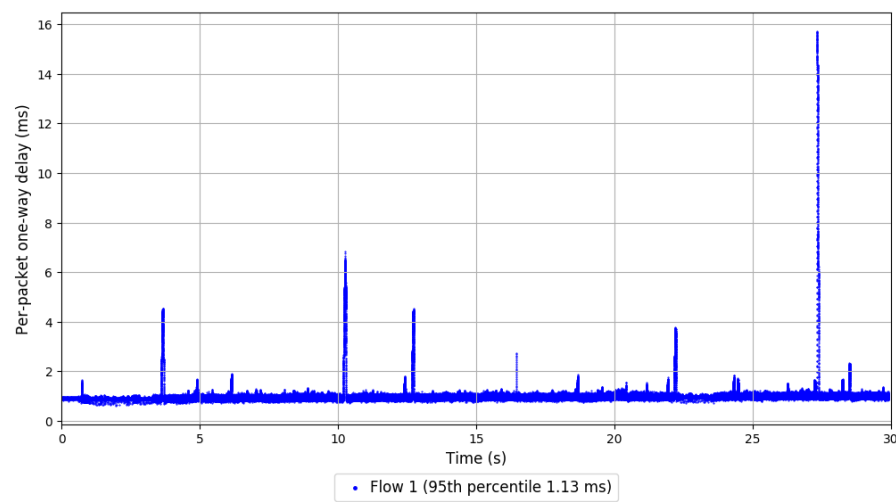
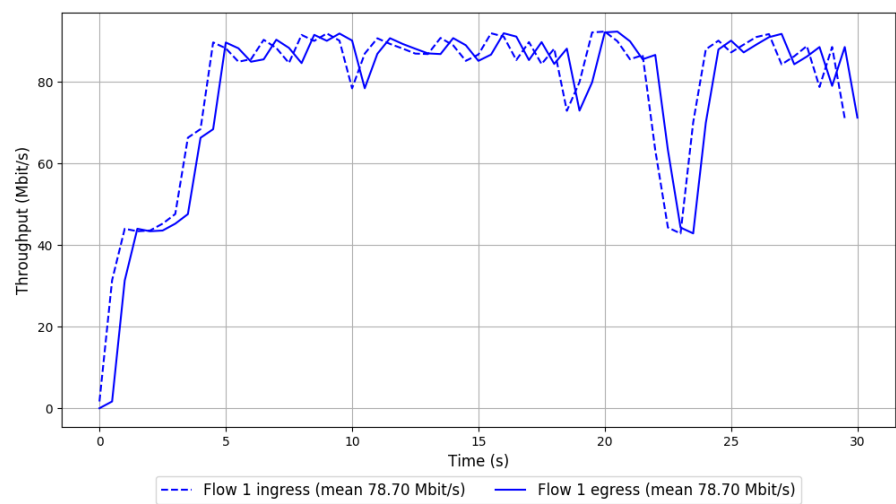


Run 4: Statistics of PCC-Vivace

Start at: 2019-03-18 20:51:02
End at: 2019-03-18 20:51:32
Local clock offset: -3.284 ms
Remote clock offset: -0.067 ms

Below is generated by plot.py at 2019-03-18 21:32:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.70 Mbit/s
95th percentile per-packet one-way delay: 1.127 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 78.70 Mbit/s
95th percentile per-packet one-way delay: 1.127 ms
Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link

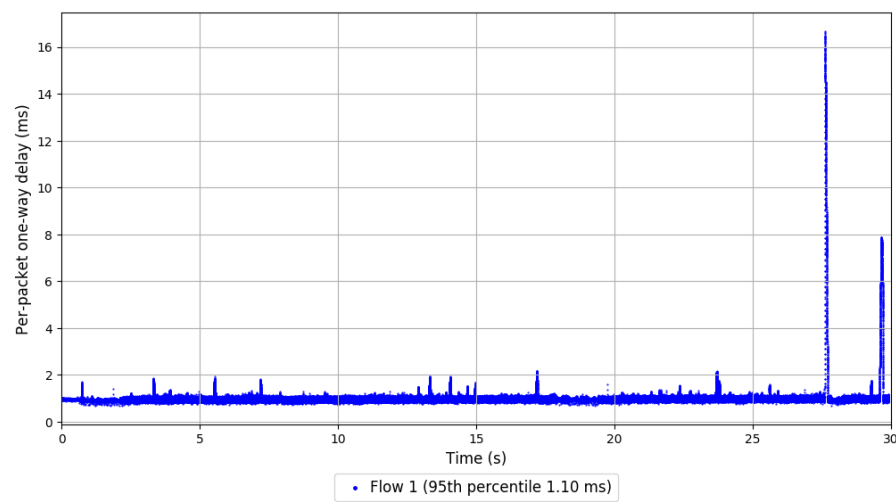
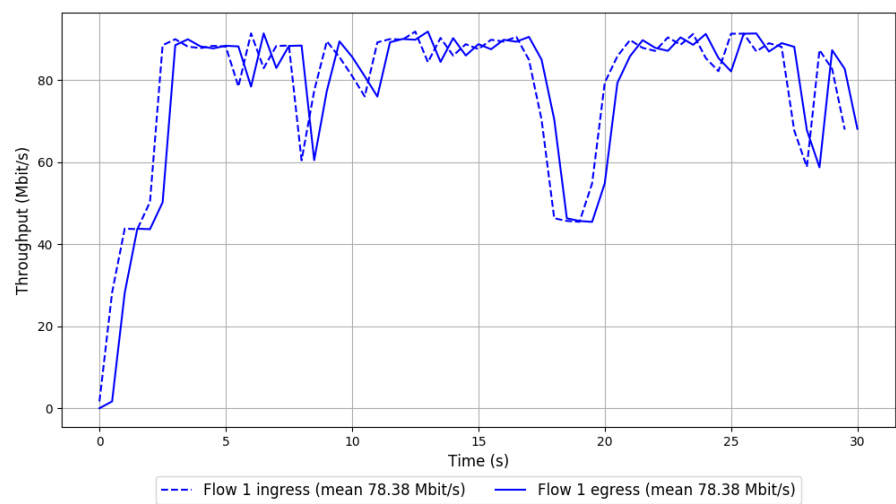


Run 5: Statistics of PCC-Vivace

Start at: 2019-03-18 21:14:27
End at: 2019-03-18 21:14:57
Local clock offset: -0.443 ms
Remote clock offset: -0.005 ms

Below is generated by plot.py at 2019-03-18 21:32:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.38 Mbit/s
95th percentile per-packet one-way delay: 1.103 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 78.38 Mbit/s
95th percentile per-packet one-way delay: 1.103 ms
Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link

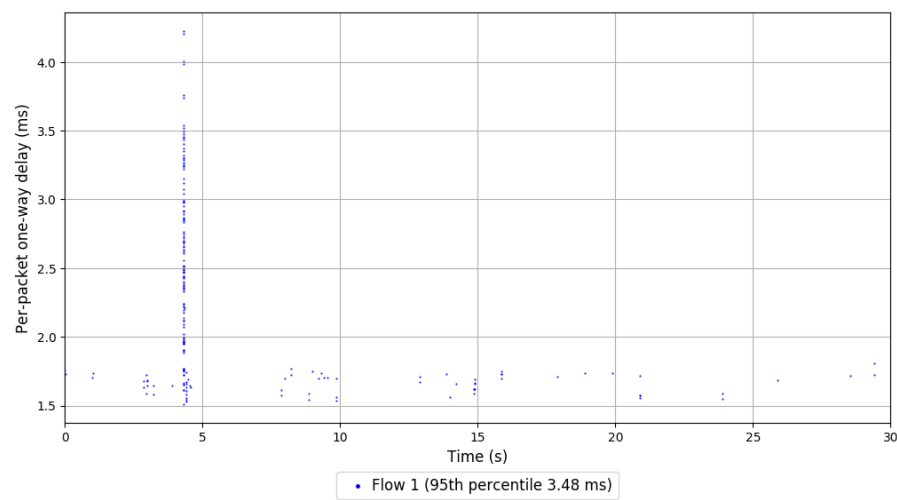
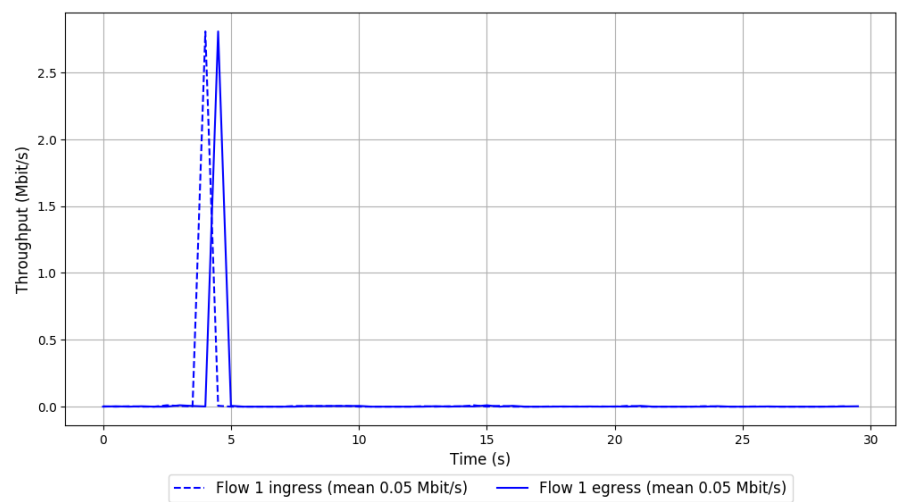


Run 1: Statistics of WebRTC media

Start at: 2019-03-18 19:44:11
End at: 2019-03-18 19:44:41
Local clock offset: 2.292 ms
Remote clock offset: -0.032 ms

Below is generated by plot.py at 2019-03-18 21:32:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.475 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.475 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2019-03-18 20:07:37

End at: 2019-03-18 20:08:07

Local clock offset: -3.486 ms

Remote clock offset: 0.008 ms

Below is generated by plot.py at 2019-03-18 21:32:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 6.937 ms

Loss rate: 0.00%

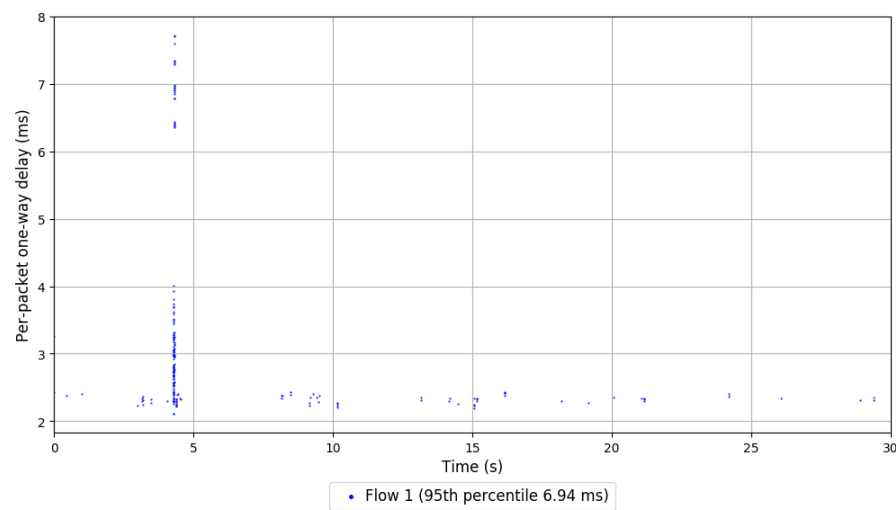
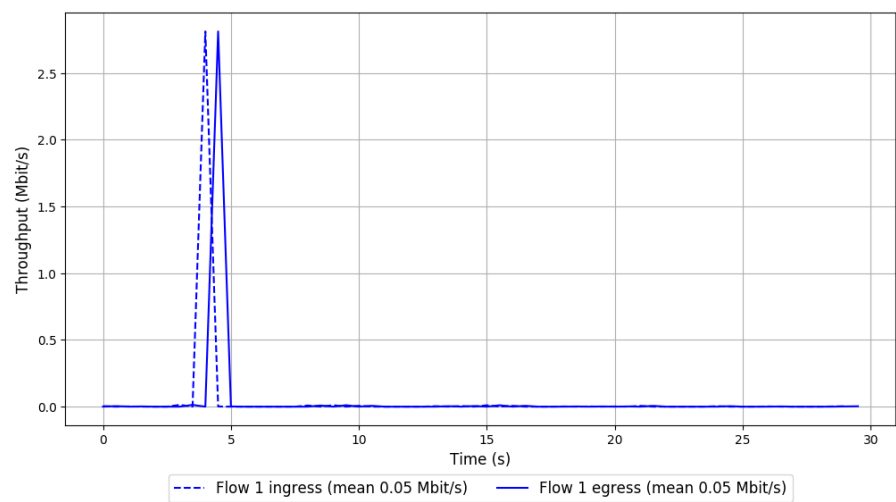
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 6.937 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2019-03-18 20:31:03

End at: 2019-03-18 20:31:33

Local clock offset: -5.609 ms

Remote clock offset: 0.06 ms

Below is generated by plot.py at 2019-03-18 21:32:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.437 ms

Loss rate: 0.00%

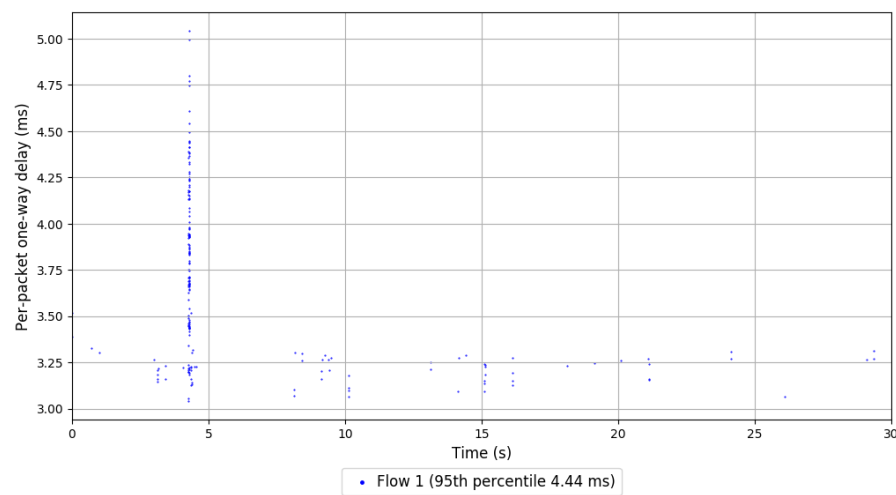
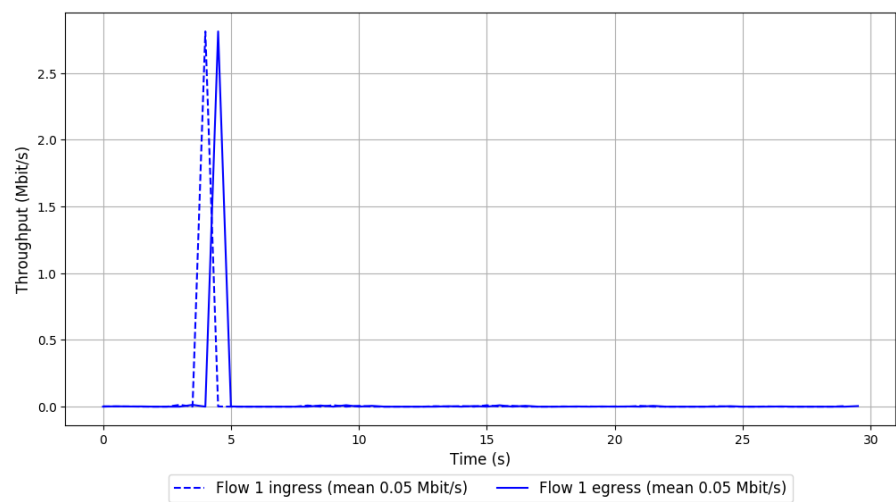
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.437 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

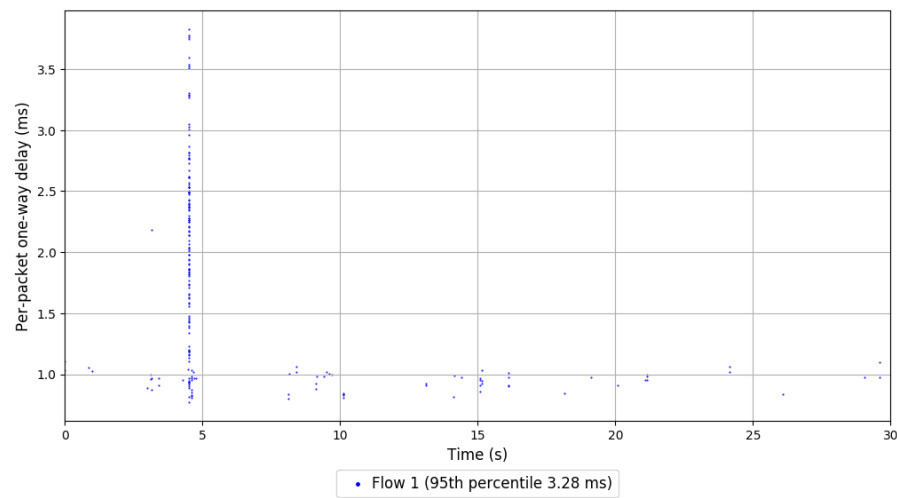
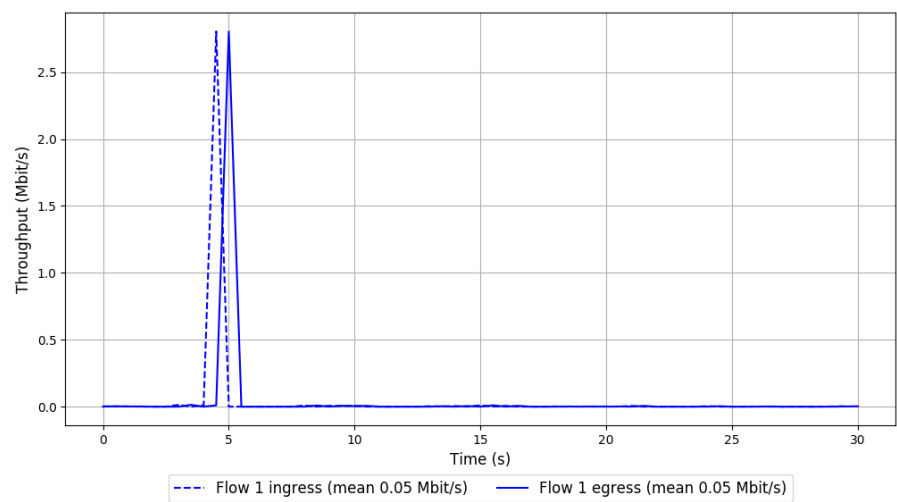


Run 4: Statistics of WebRTC media

Start at: 2019-03-18 20:54:27
End at: 2019-03-18 20:54:57
Local clock offset: -2.668 ms
Remote clock offset: -0.066 ms

Below is generated by plot.py at 2019-03-18 21:32:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.284 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.284 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-03-18 21:17:52

End at: 2019-03-18 21:18:22

Local clock offset: -2.021 ms

Remote clock offset: 0.002 ms

Below is generated by plot.py at 2019-03-18 21:32:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.574 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 4.574 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

