

Pantheon Report

Generated at 2019-06-27 04:35:28 (UTC).

Data path: AWS India 1 on `ens5` (*local*) → India on `em1` (*remote*).

Repeated the test of 22 congestion control schemes 5 times.

Each test lasted for 30 seconds running 1 flow.

NTP offsets were measured against `nets.org.sg` and have been applied to correct the timestamps in logs.

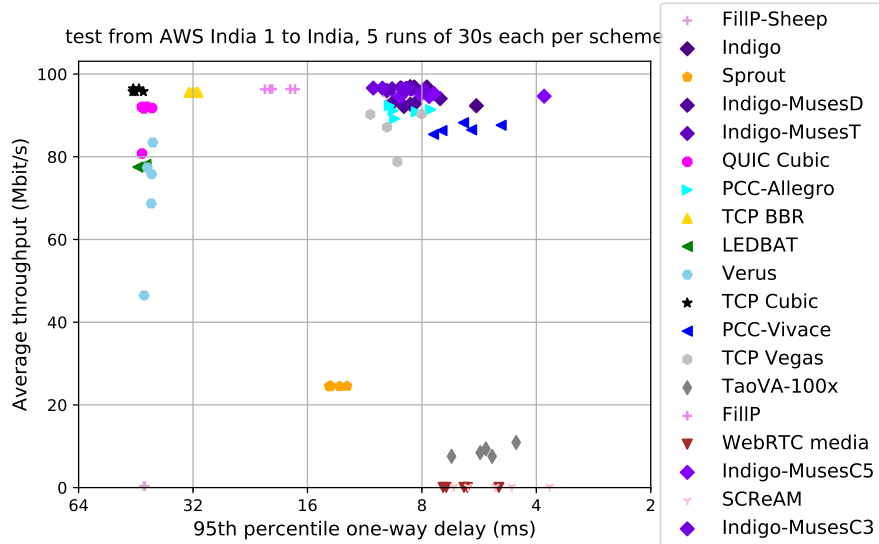
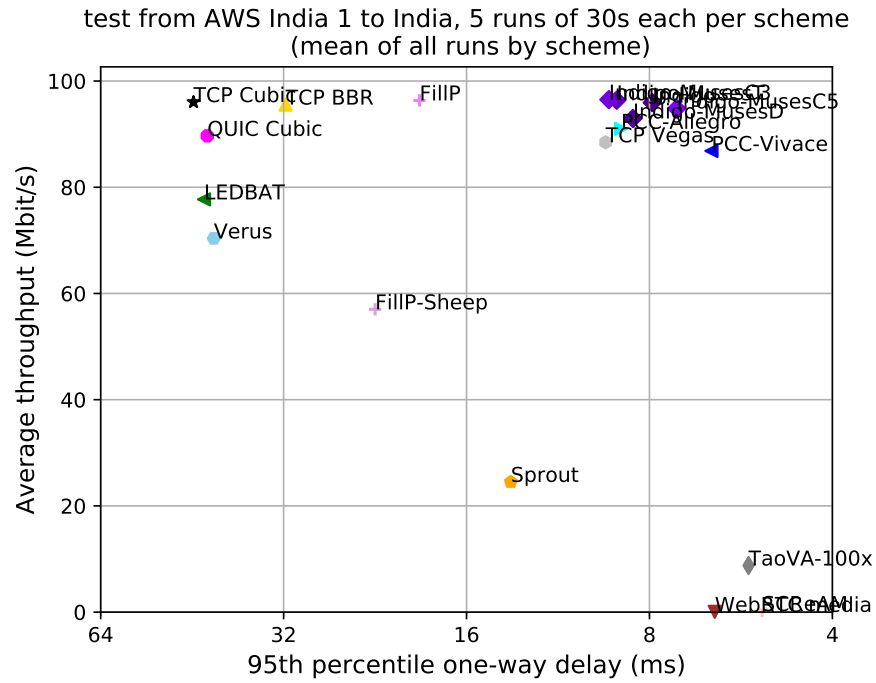
System info:

```
Linux 4.15.0-1039-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 @ c3953d08f32ec7ebbdede2d2f0cbdeed262571ef
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/muses_dtree @ 11c9498ecb1596b02ccd896791a02d03172af7ed
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



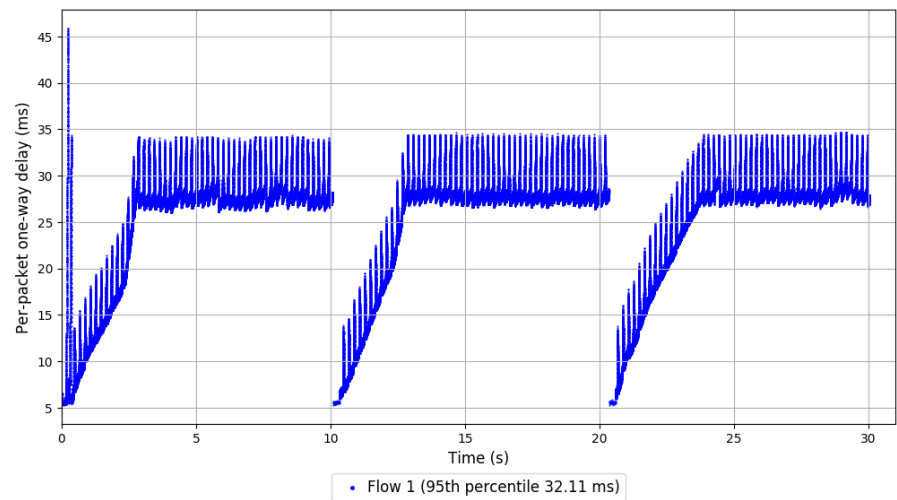
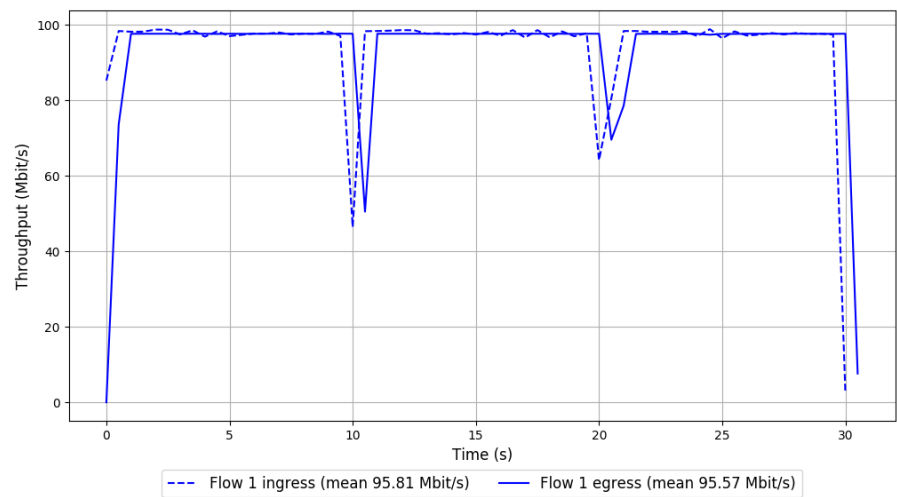
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	5	95.57	31.75	0.23
Copa	0	N/A	N/A	N/A
TCP Cubic	5	96.03	45.02	0.50
FillP	5	96.35	19.12	0.39
FillP-Sheep	5	57.01	22.62	16.49
Indigo	5	95.93	7.92	0.00
Indigo-MusesC3	5	96.51	9.33	0.01
Indigo-MusesC5	5	94.83	7.22	0.00
Indigo-MusesD	5	92.95	8.52	0.00
Indigo-MusesT	5	96.38	9.06	0.00
LEDBAT	5	77.71	43.27	0.27
Muses_DecisionTree	0	N/A	N/A	N/A
PCC-Allegro	5	91.00	8.91	0.27
PCC-Expr	0	N/A	N/A	N/A
QUIC Cubic	5	89.68	42.73	0.64
SCReAM	5	0.21	5.22	0.00
Sprout	5	24.52	13.53	0.00
TaoVA-100x	5	8.77	5.50	77.89
TCP Vegas	5	88.46	9.44	0.44
Verus	5	70.36	41.69	27.69
PCC-Vivace	5	86.84	6.33	0.00
WebRTC media	5	0.05	6.25	0.00

Run 1: Statistics of TCP BBR

Start at: 2019-06-27 02:32:31
End at: 2019-06-27 02:33:01
Local clock offset: 2.792 ms
Remote clock offset: -6.443 ms

Below is generated by plot.py at 2019-06-27 04:25:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.57 Mbit/s
95th percentile per-packet one-way delay: 32.112 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 95.57 Mbit/s
95th percentile per-packet one-way delay: 32.112 ms
Loss rate: 0.18%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2019-06-27 02:57:30

End at: 2019-06-27 02:58:00

Local clock offset: 1.694 ms

Remote clock offset: -7.43 ms

Below is generated by plot.py at 2019-06-27 04:25:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.56 Mbit/s

95th percentile per-packet one-way delay: 31.327 ms

Loss rate: 0.19%

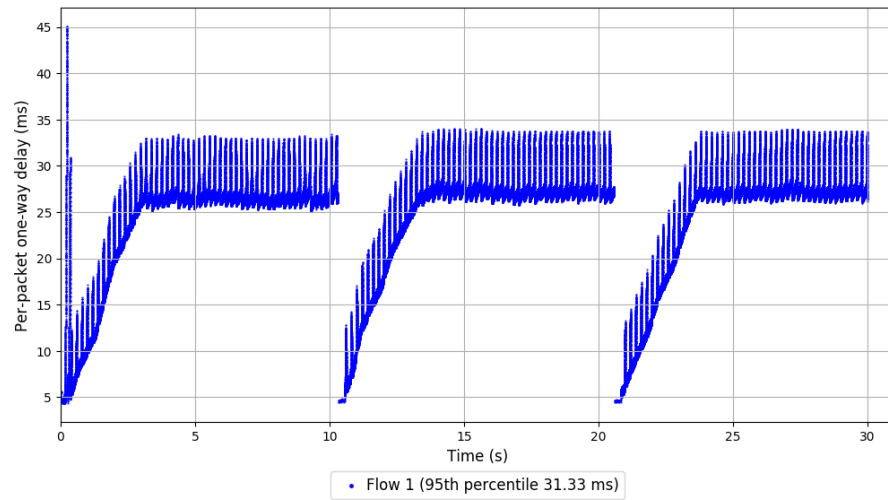
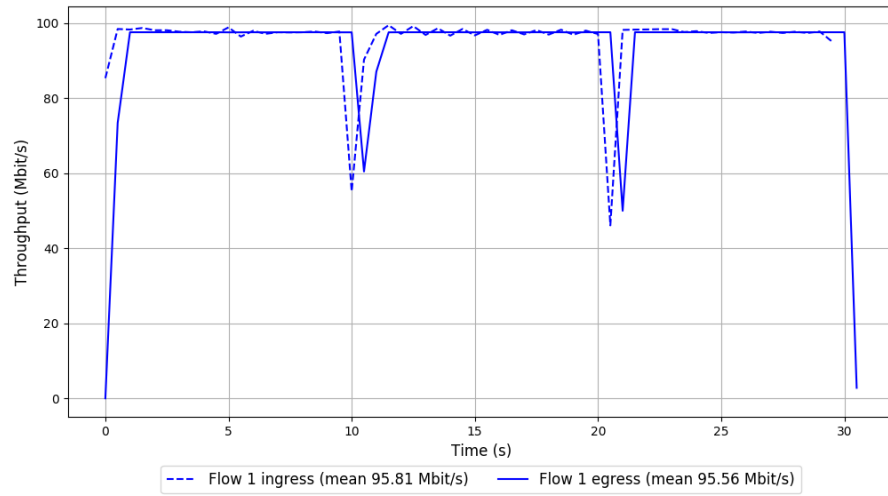
-- Flow 1:

Average throughput: 95.56 Mbit/s

95th percentile per-packet one-way delay: 31.327 ms

Loss rate: 0.19%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2019-06-27 03:23:02

End at: 2019-06-27 03:23:32

Local clock offset: 1.983 ms

Remote clock offset: -5.414 ms

Below is generated by plot.py at 2019-06-27 04:25:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.58 Mbit/s

95th percentile per-packet one-way delay: 31.064 ms

Loss rate: 0.39%

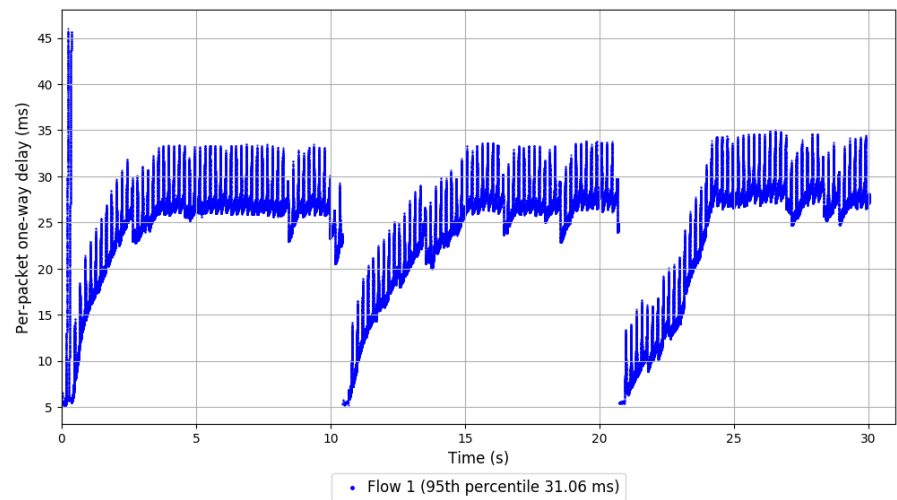
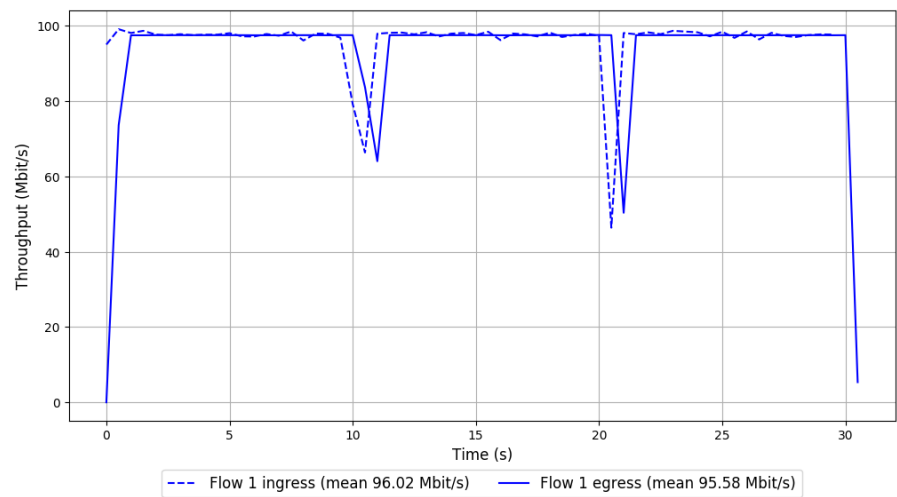
-- Flow 1:

Average throughput: 95.58 Mbit/s

95th percentile per-packet one-way delay: 31.064 ms

Loss rate: 0.39%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2019-06-27 03:48:35

End at: 2019-06-27 03:49:05

Local clock offset: 2.352 ms

Remote clock offset: -4.557 ms

Below is generated by plot.py at 2019-06-27 04:25:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.57 Mbit/s

95th percentile per-packet one-way delay: 32.793 ms

Loss rate: 0.19%

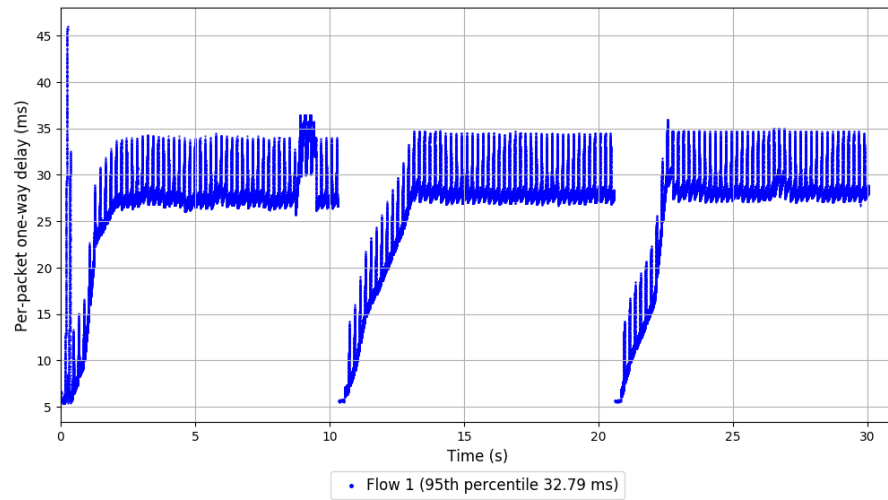
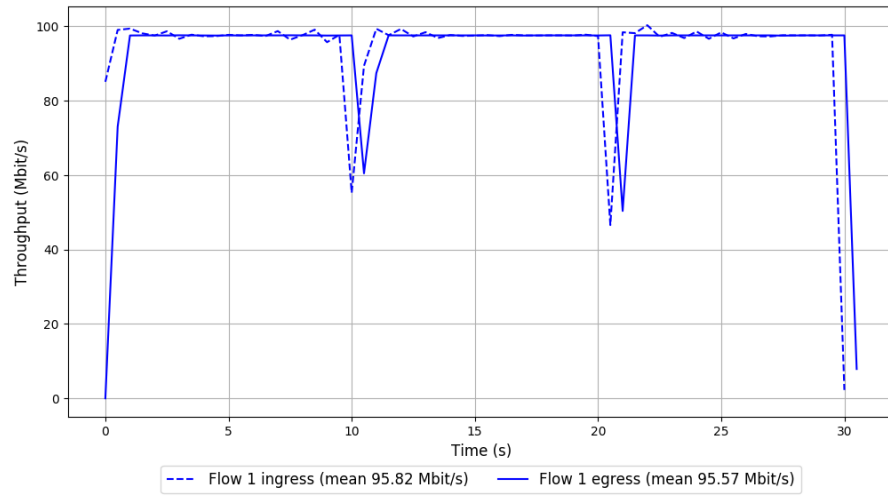
-- Flow 1:

Average throughput: 95.57 Mbit/s

95th percentile per-packet one-way delay: 32.793 ms

Loss rate: 0.19%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2019-06-27 04:13:44

End at: 2019-06-27 04:14:14

Local clock offset: 2.298 ms

Remote clock offset: -5.628 ms

Below is generated by plot.py at 2019-06-27 04:25:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.55 Mbit/s

95th percentile per-packet one-way delay: 31.473 ms

Loss rate: 0.19%

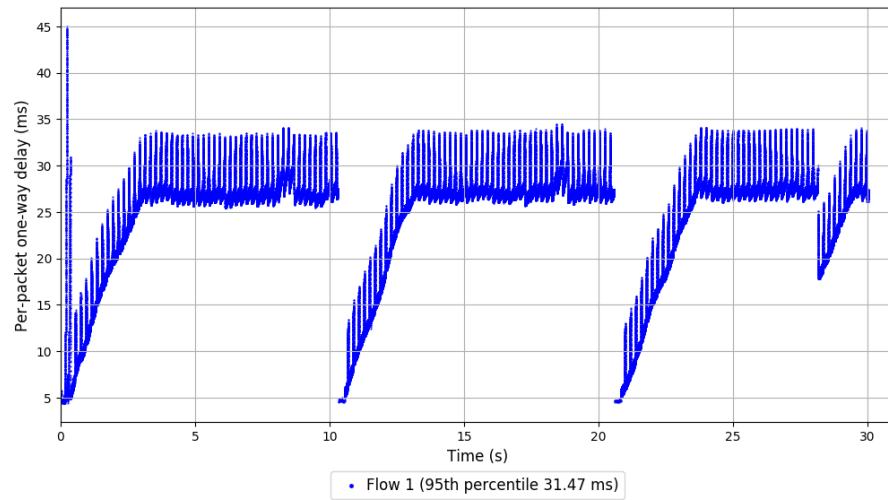
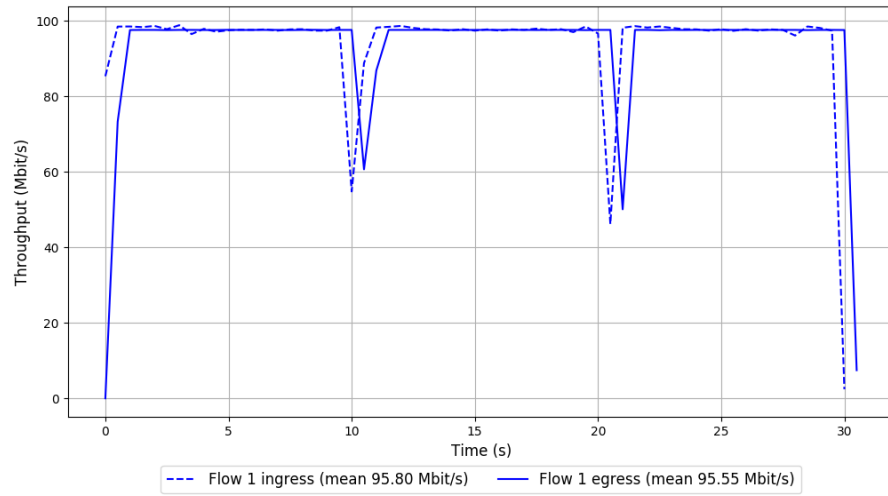
-- Flow 1:

Average throughput: 95.55 Mbit/s

95th percentile per-packet one-way delay: 31.473 ms

Loss rate: 0.19%

Run 5: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

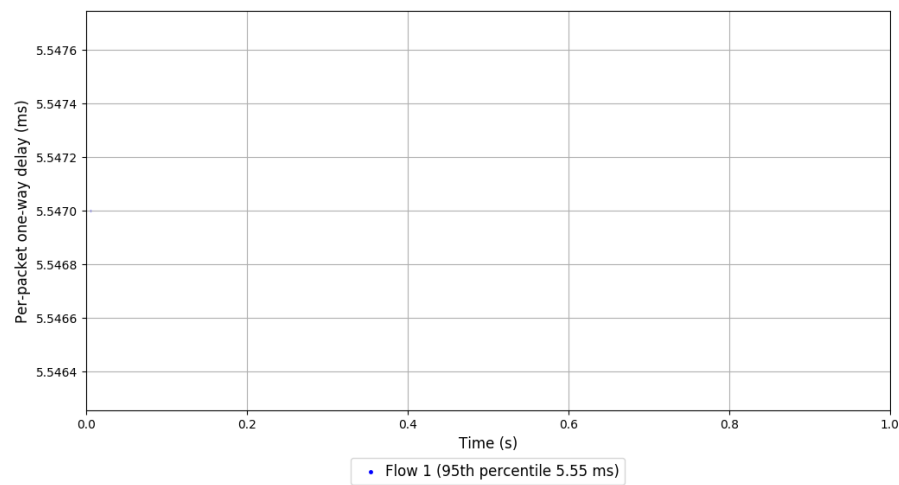
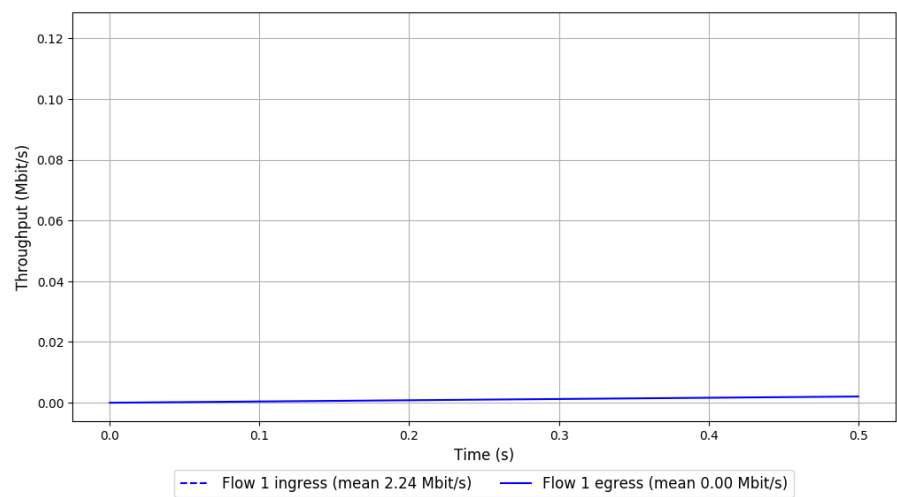
Start at: 2019-06-27 02:24:31

End at: 2019-06-27 02:25:01

Local clock offset: 2.557 ms

Remote clock offset: -6.744 ms

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

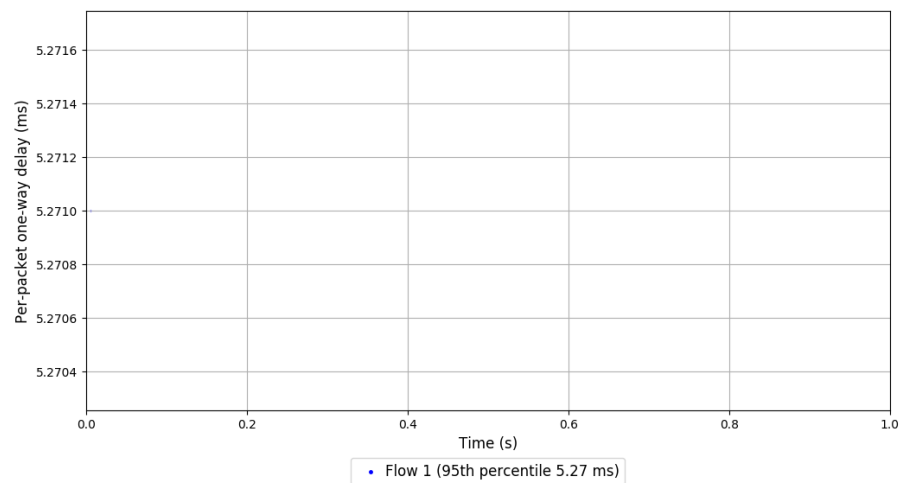
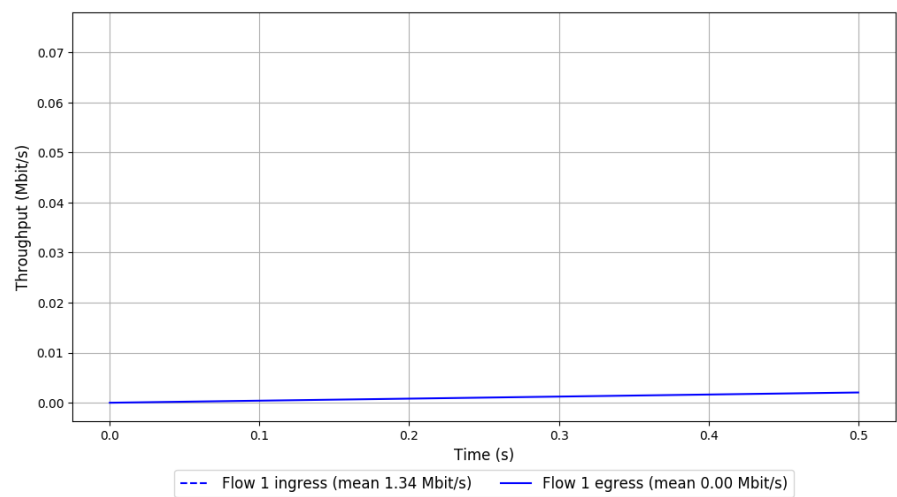
Start at: 2019-06-27 02:49:29

End at: 2019-06-27 02:49:59

Local clock offset: 2.848 ms

Remote clock offset: -6.177 ms

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

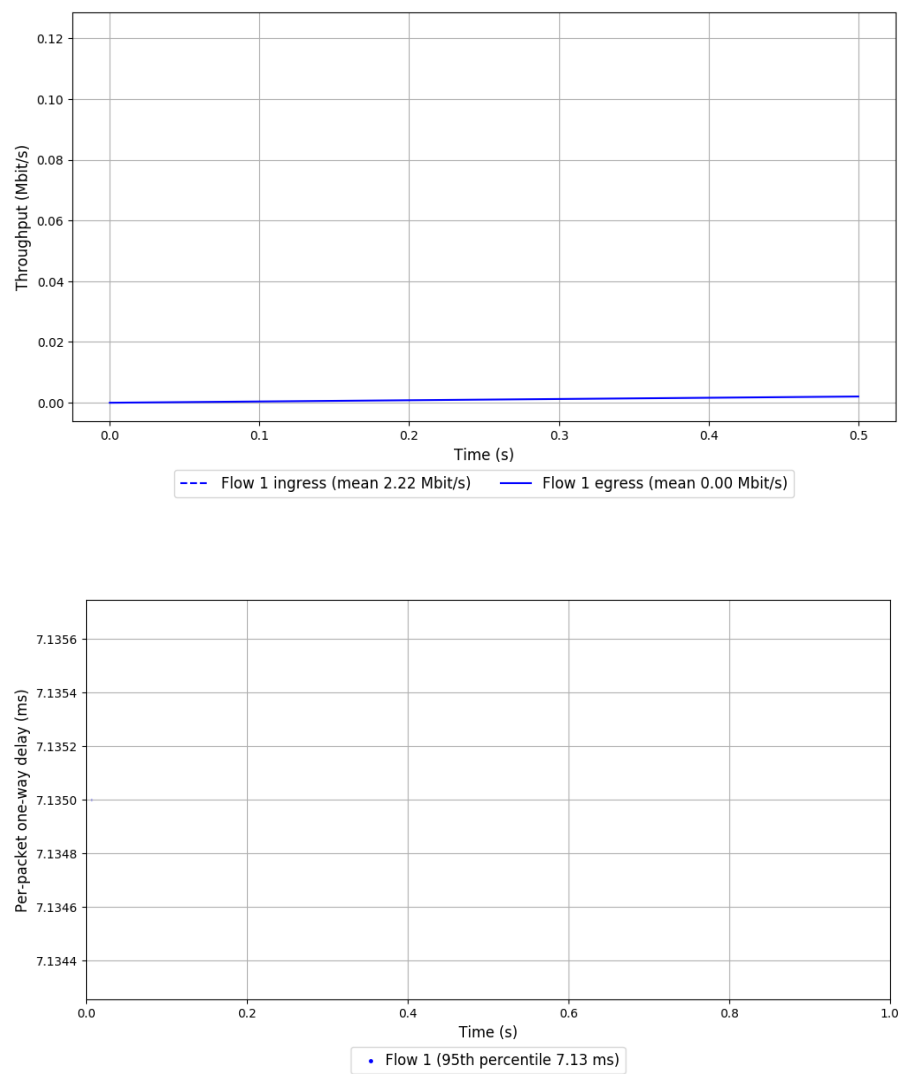
Start at: 2019-06-27 03:14:54

End at: 2019-06-27 03:15:24

Local clock offset: 0.807 ms

Remote clock offset: -5.156 ms

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

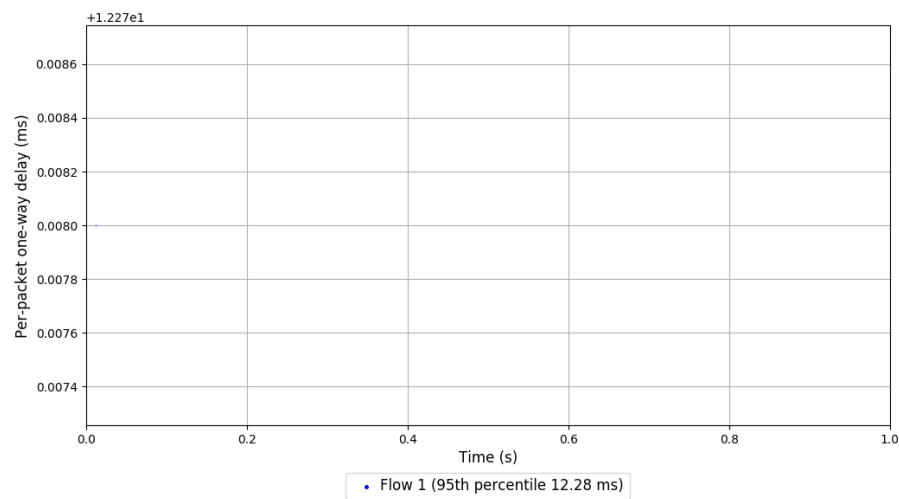
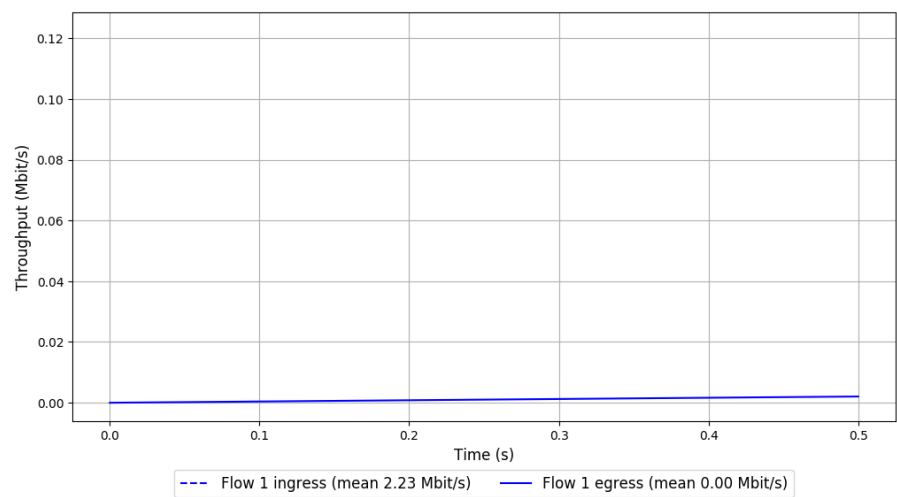
Start at: 2019-06-27 03:40:29

End at: 2019-06-27 03:40:59

Local clock offset: -4.664 ms

Remote clock offset: -4.928 ms

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

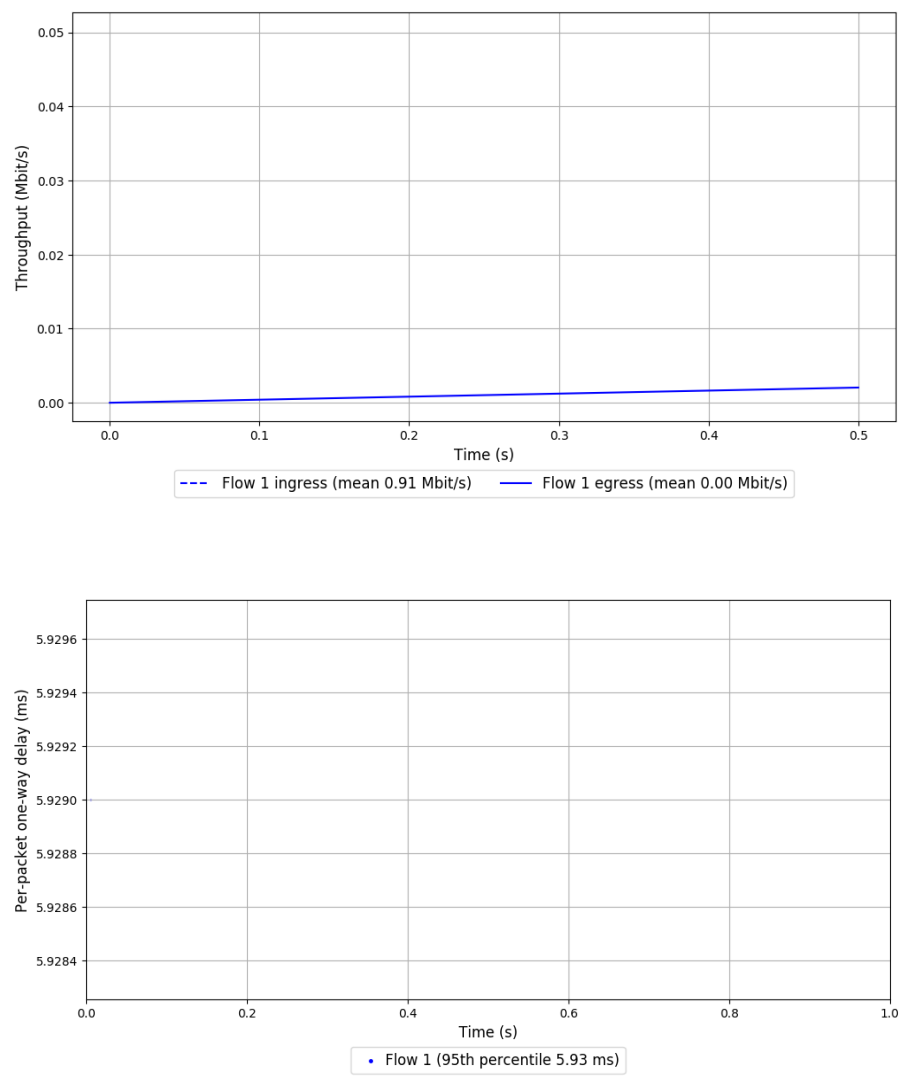
Start at: 2019-06-27 04:05:41

End at: 2019-06-27 04:06:11

Local clock offset: 1.434 ms

Remote clock offset: -5.06 ms

Run 5: Report of Copa — Data Link

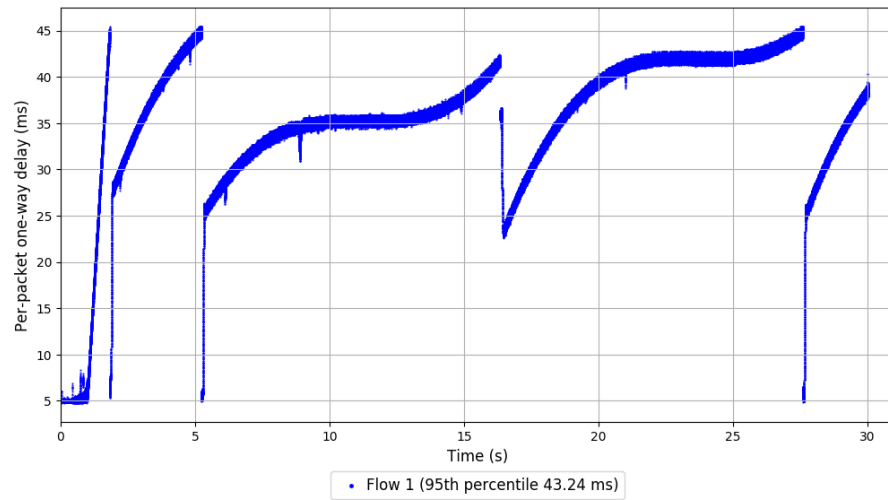
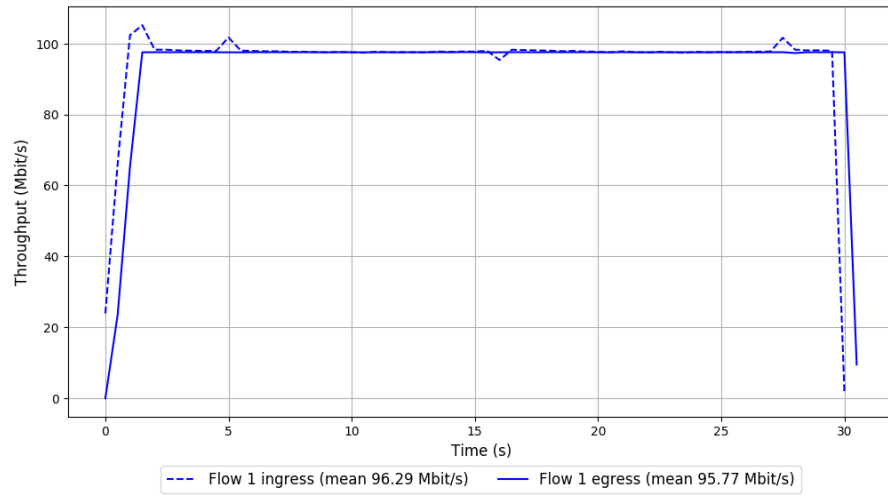


Run 1: Statistics of TCP Cubic

Start at: 2019-06-27 02:16:37
End at: 2019-06-27 02:17:07
Local clock offset: 3.045 ms
Remote clock offset: -7.383 ms

Below is generated by plot.py at 2019-06-27 04:25:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.77 Mbit/s
95th percentile per-packet one-way delay: 43.245 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 95.77 Mbit/s
95th percentile per-packet one-way delay: 43.245 ms
Loss rate: 0.43%

Run 1: Report of TCP Cubic — Data Link

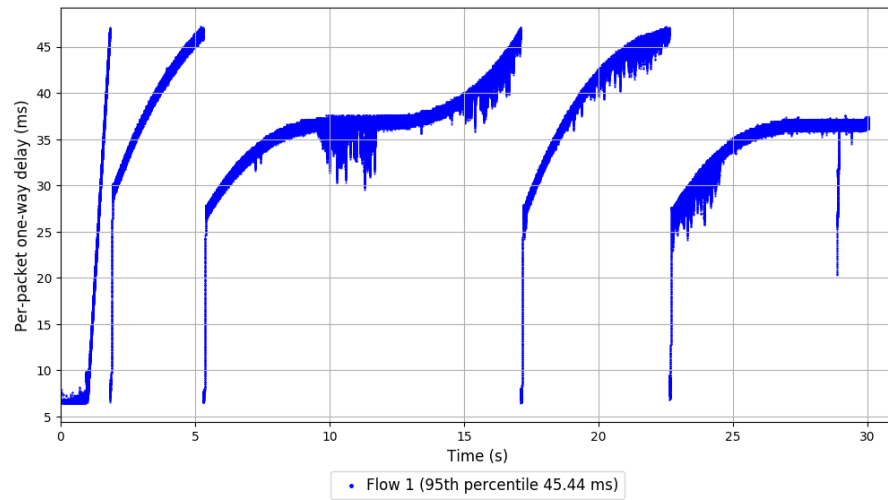
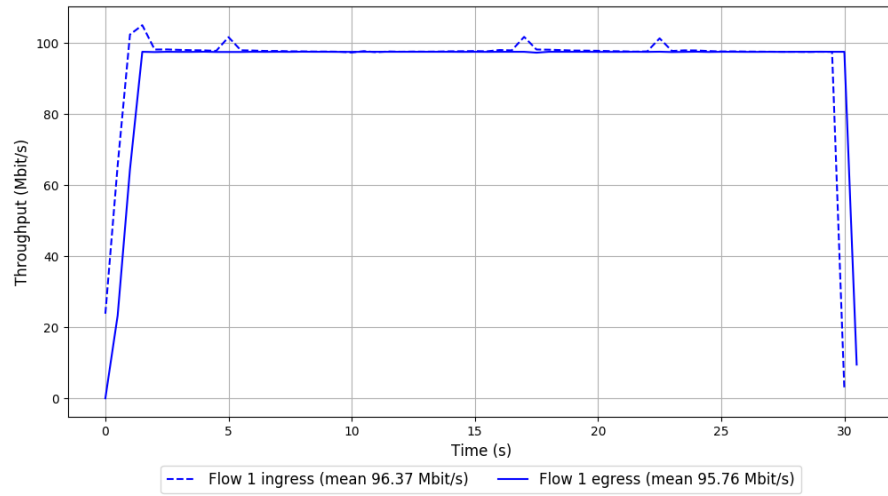


Run 2: Statistics of TCP Cubic

Start at: 2019-06-27 02:41:35
End at: 2019-06-27 02:42:05
Local clock offset: 2.264 ms
Remote clock offset: -5.637 ms

Below is generated by plot.py at 2019-06-27 04:25:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.76 Mbit/s
95th percentile per-packet one-way delay: 45.436 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 95.76 Mbit/s
95th percentile per-packet one-way delay: 45.436 ms
Loss rate: 0.54%

Run 2: Report of TCP Cubic — Data Link

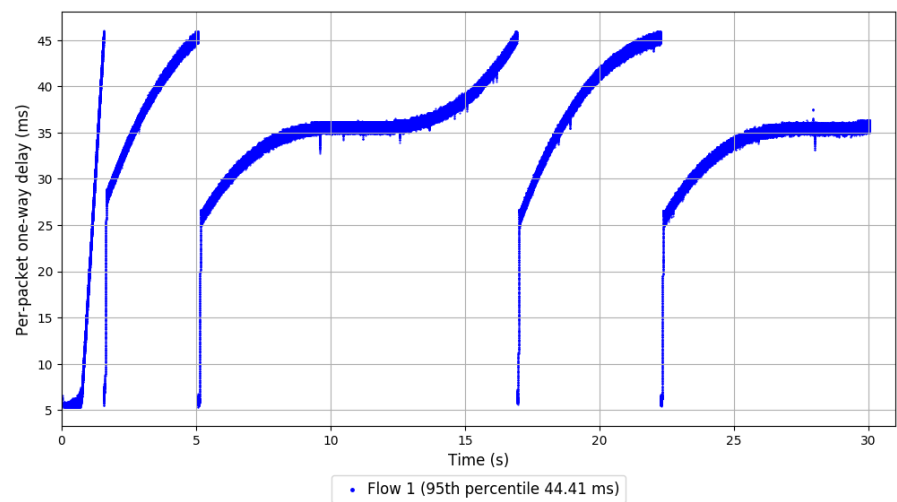
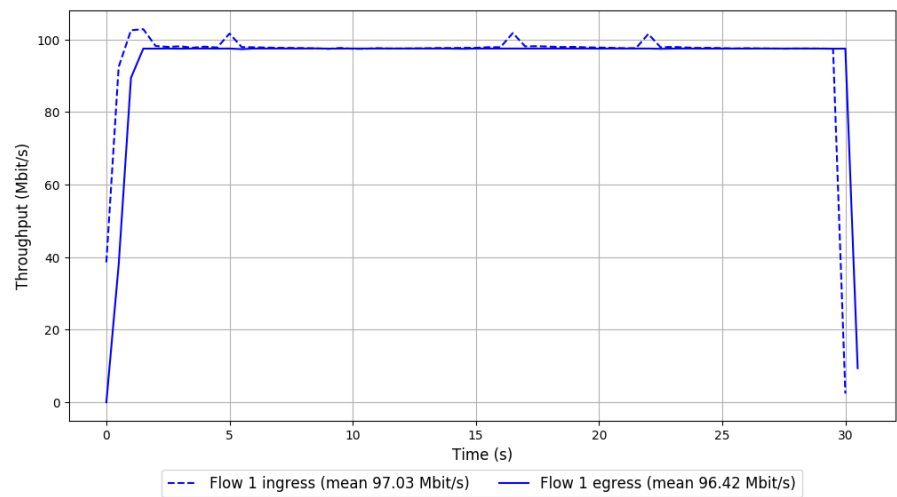


Run 3: Statistics of TCP Cubic

Start at: 2019-06-27 03:06:50
End at: 2019-06-27 03:07:20
Local clock offset: 2.398 ms
Remote clock offset: -5.426 ms

Below is generated by plot.py at 2019-06-27 04:25:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.42 Mbit/s
95th percentile per-packet one-way delay: 44.405 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 96.42 Mbit/s
95th percentile per-packet one-way delay: 44.405 ms
Loss rate: 0.54%

Run 3: Report of TCP Cubic — Data Link

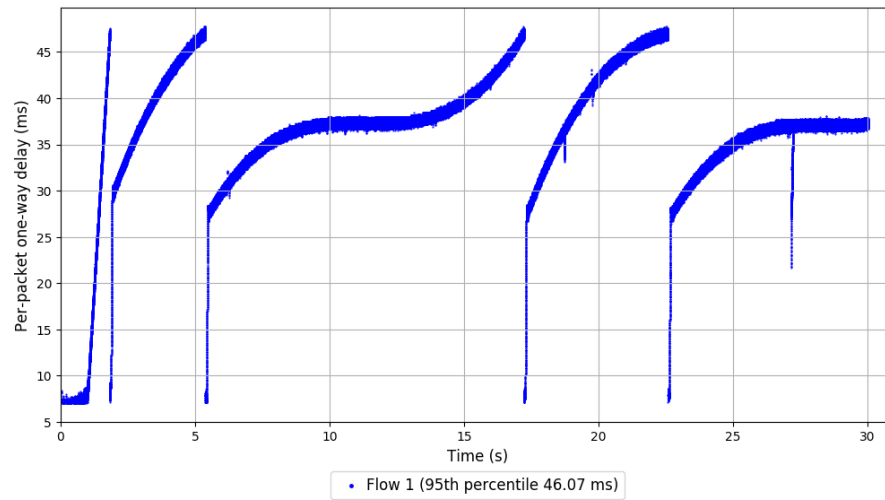
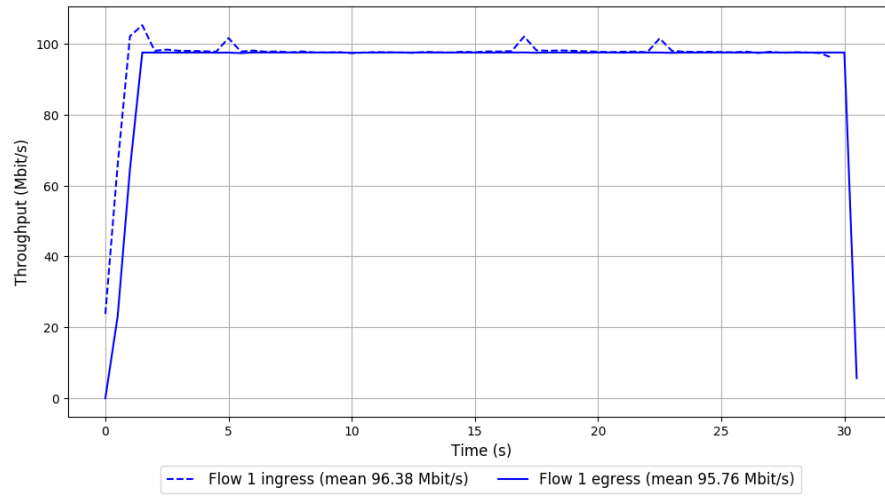


Run 4: Statistics of TCP Cubic

Start at: 2019-06-27 03:32:19
End at: 2019-06-27 03:32:49
Local clock offset: 0.839 ms
Remote clock offset: -4.691 ms

Below is generated by plot.py at 2019-06-27 04:26:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.76 Mbit/s
95th percentile per-packet one-way delay: 46.069 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 95.76 Mbit/s
95th percentile per-packet one-way delay: 46.069 ms
Loss rate: 0.54%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2019-06-27 03:57:47

End at: 2019-06-27 03:58:17

Local clock offset: 1.472 ms

Remote clock offset: -4.72 ms

Below is generated by plot.py at 2019-06-27 04:26:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.46 Mbit/s

95th percentile per-packet one-way delay: 45.958 ms

Loss rate: 0.43%

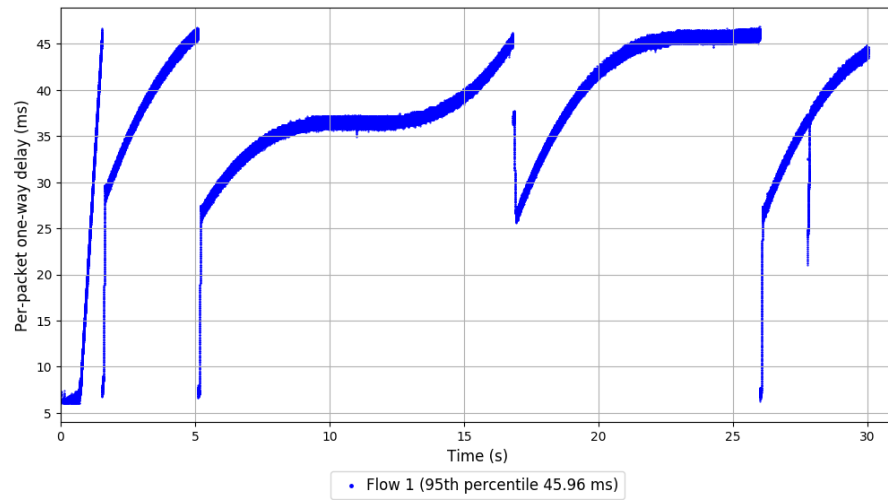
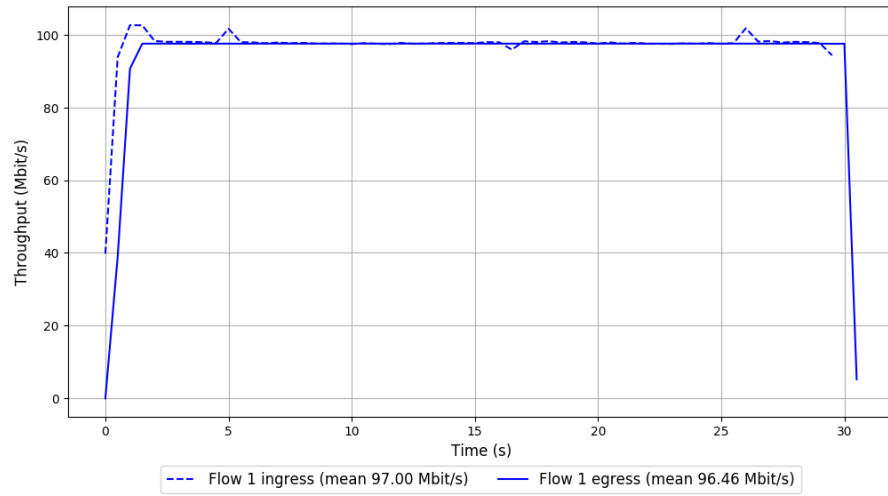
-- Flow 1:

Average throughput: 96.46 Mbit/s

95th percentile per-packet one-way delay: 45.958 ms

Loss rate: 0.43%

Run 5: Report of TCP Cubic — Data Link

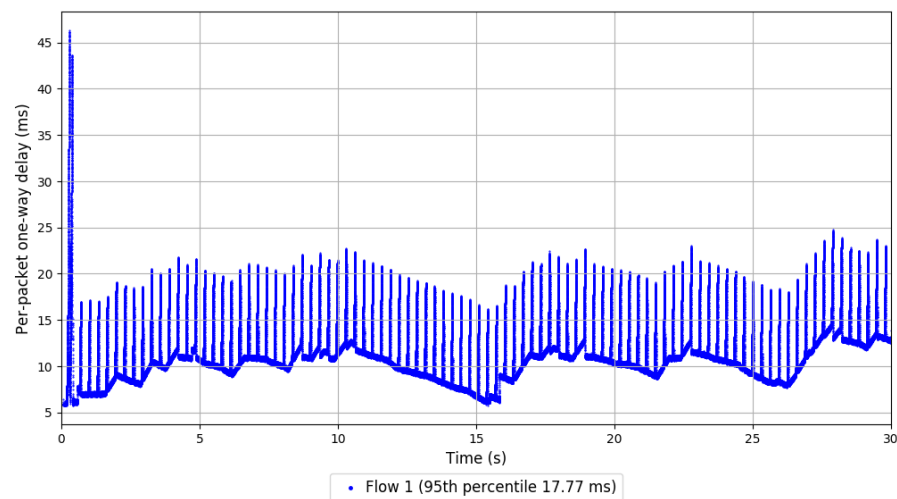
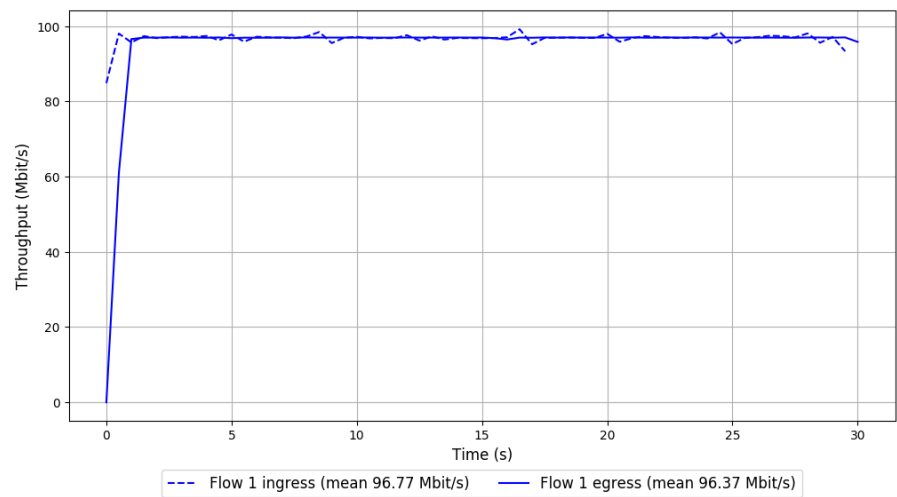


Run 1: Statistics of FillP

Start at: 2019-06-27 02:40:27
End at: 2019-06-27 02:40:57
Local clock offset: 2.557 ms
Remote clock offset: -5.882 ms

Below is generated by plot.py at 2019-06-27 04:26:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.37 Mbit/s
95th percentile per-packet one-way delay: 17.766 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 96.37 Mbit/s
95th percentile per-packet one-way delay: 17.766 ms
Loss rate: 0.39%

Run 1: Report of FillP — Data Link

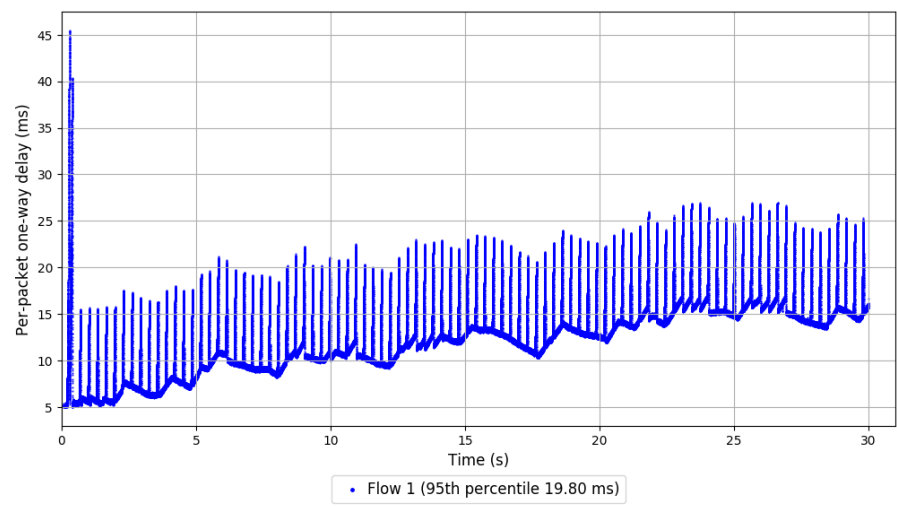
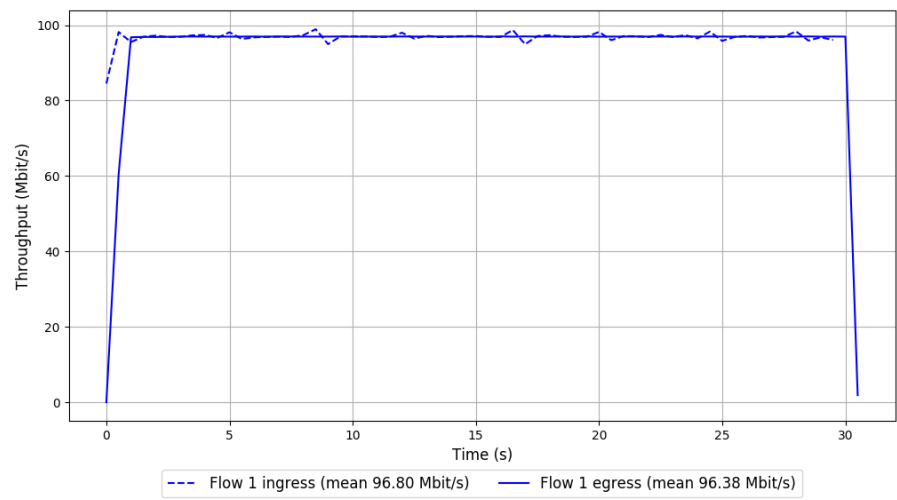


Run 2: Statistics of FillP

Start at: 2019-06-27 03:05:38
End at: 2019-06-27 03:06:08
Local clock offset: 1.953 ms
Remote clock offset: -5.993 ms

Below is generated by plot.py at 2019-06-27 04:26:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.38 Mbit/s
95th percentile per-packet one-way delay: 19.803 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 96.38 Mbit/s
95th percentile per-packet one-way delay: 19.803 ms
Loss rate: 0.39%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2019-06-27 03:31:10

End at: 2019-06-27 03:31:40

Local clock offset: 1.572 ms

Remote clock offset: -5.63 ms

Below is generated by plot.py at 2019-06-27 04:26:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.37 Mbit/s

95th percentile per-packet one-way delay: 20.081 ms

Loss rate: 0.39%

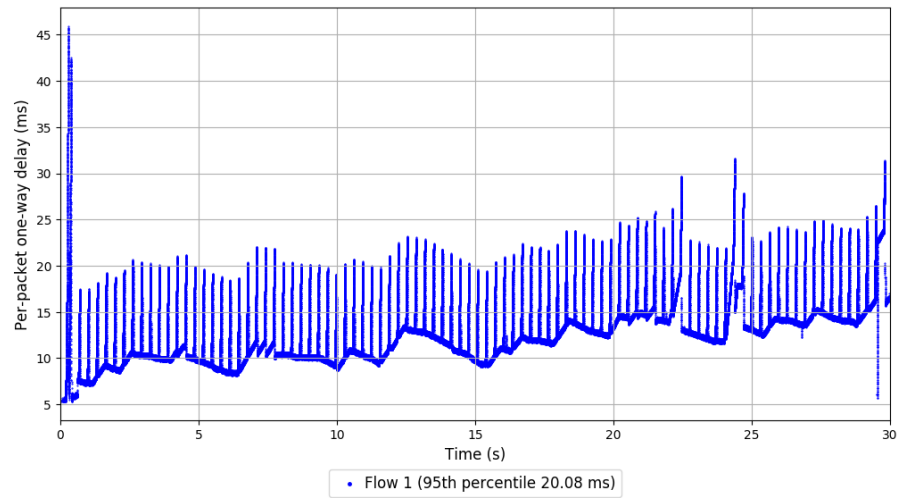
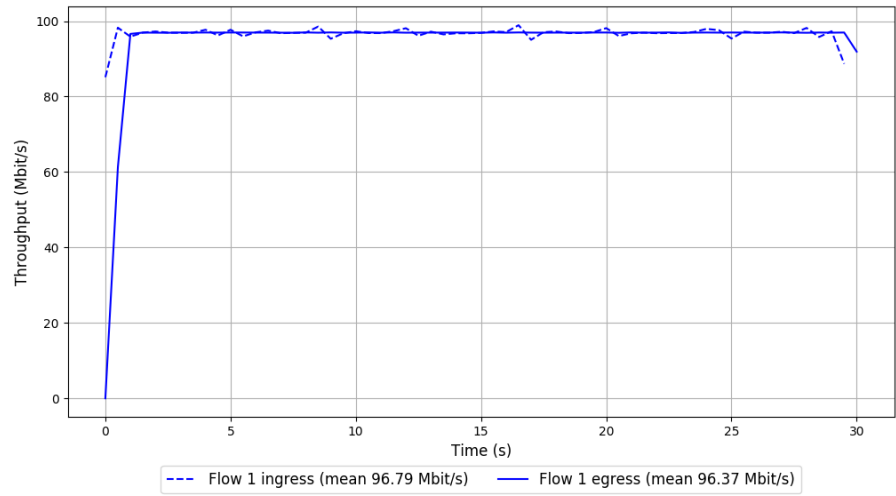
-- Flow 1:

Average throughput: 96.37 Mbit/s

95th percentile per-packet one-way delay: 20.081 ms

Loss rate: 0.39%

Run 3: Report of FillP — Data Link

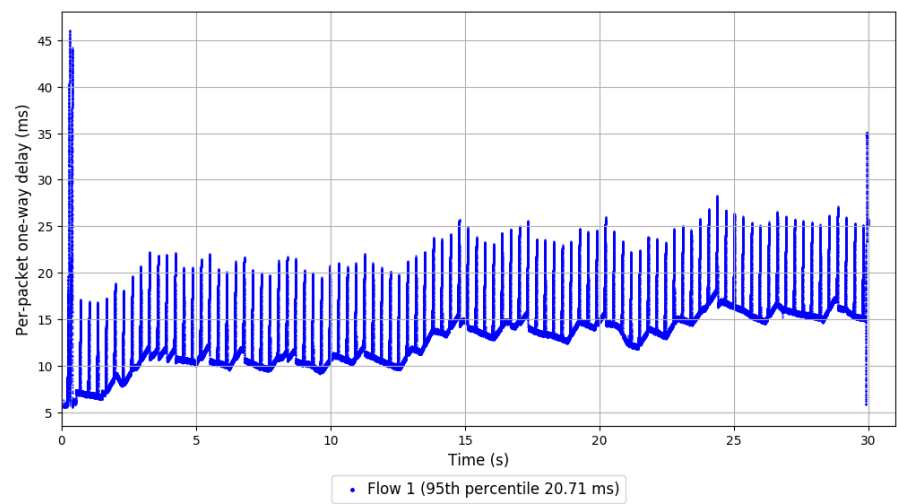
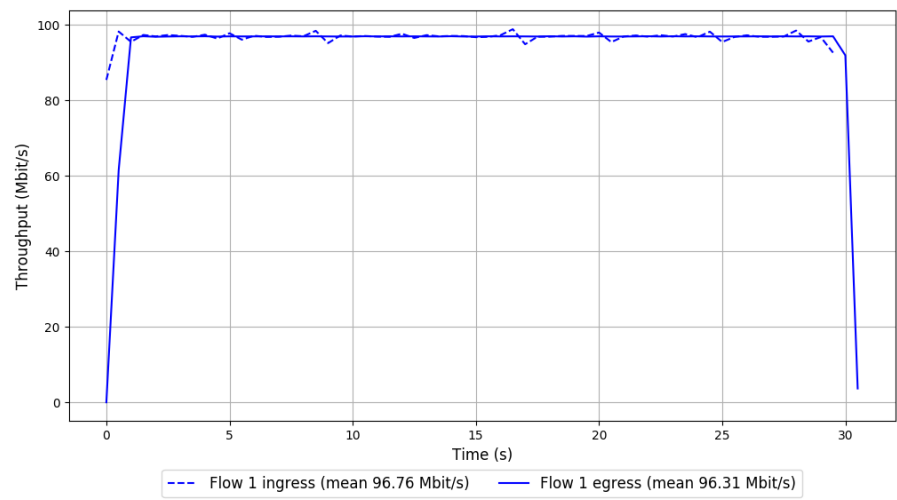


Run 4: Statistics of FillP

Start at: 2019-06-27 03:56:37
End at: 2019-06-27 03:57:07
Local clock offset: 1.821 ms
Remote clock offset: -4.696 ms

Below is generated by plot.py at 2019-06-27 04:26:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.31 Mbit/s
95th percentile per-packet one-way delay: 20.712 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 96.31 Mbit/s
95th percentile per-packet one-way delay: 20.712 ms
Loss rate: 0.39%

Run 4: Report of FillP — Data Link

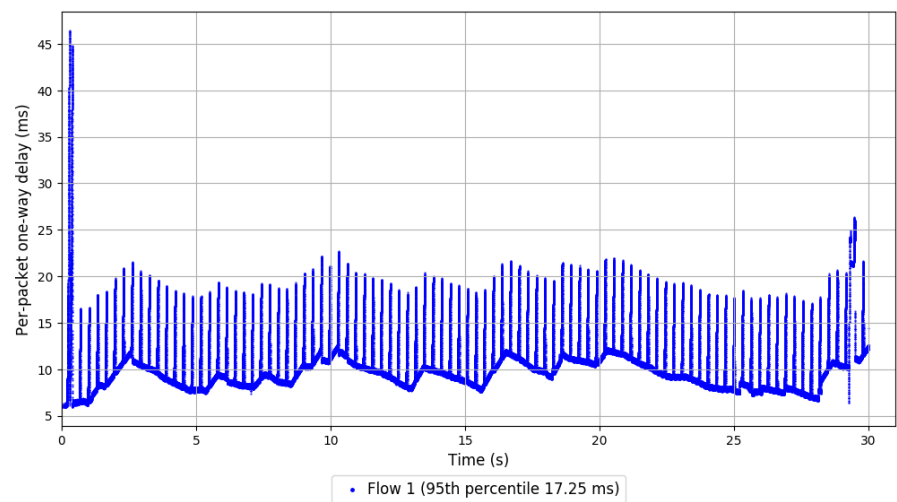
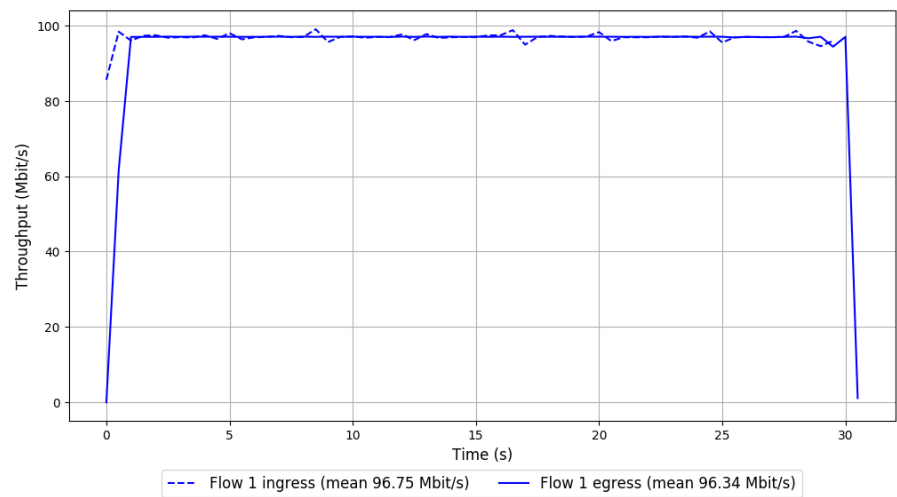


Run 5: Statistics of FillP

Start at: 2019-06-27 04:21:55
End at: 2019-06-27 04:22:25
Local clock offset: 1.75 ms
Remote clock offset: -4.524 ms

Below is generated by plot.py at 2019-06-27 04:26:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.34 Mbit/s
95th percentile per-packet one-way delay: 17.248 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 96.34 Mbit/s
95th percentile per-packet one-way delay: 17.248 ms
Loss rate: 0.39%

Run 5: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2019-06-27 02:23:22

End at: 2019-06-27 02:23:52

Local clock offset: 3.229 ms

Remote clock offset: -6.848 ms

Below is generated by plot.py at 2019-06-27 04:26:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.68 Mbit/s

95th percentile per-packet one-way delay: 9.893 ms

Loss rate: 0.26%

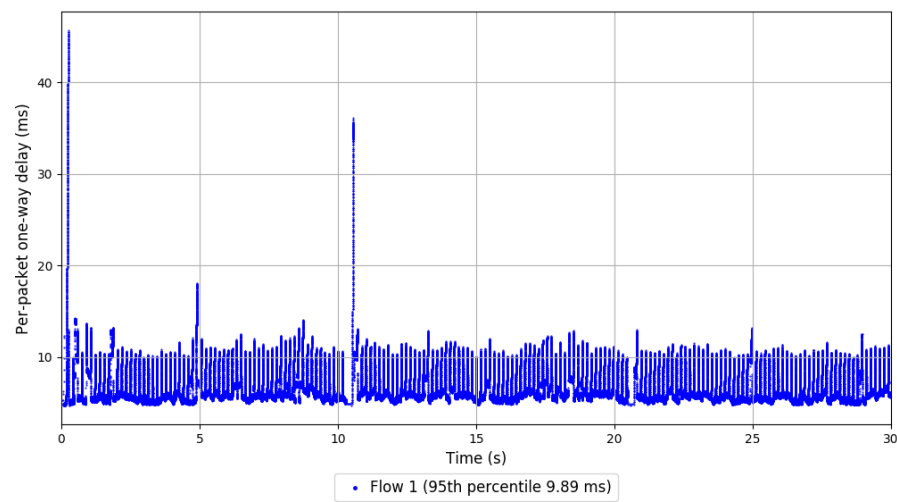
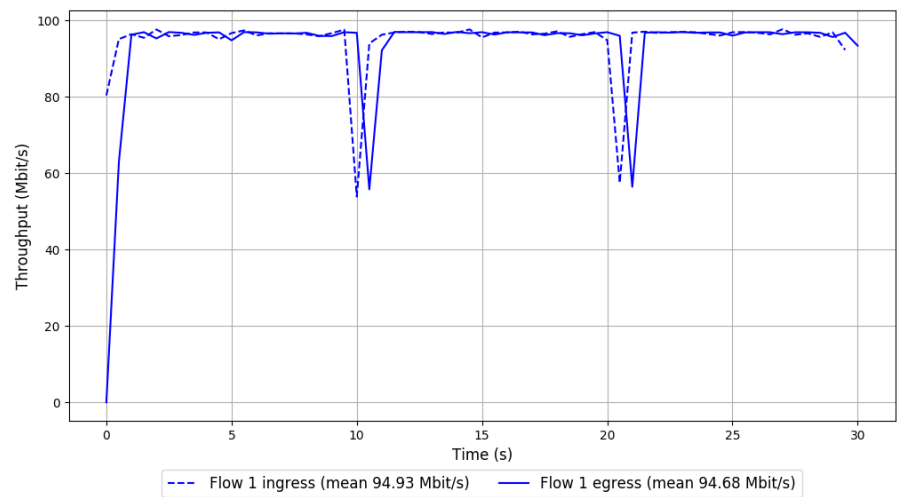
-- Flow 1:

Average throughput: 94.68 Mbit/s

95th percentile per-packet one-way delay: 9.893 ms

Loss rate: 0.26%

Run 1: Report of FillP-Sheep — Data Link



Run 2: Statistics of FillP-Sheep

Start at: 2019-06-27 02:48:23

End at: 2019-06-27 02:48:53

Local clock offset: 2.527 ms

Remote clock offset: -5.71 ms

Below is generated by plot.py at 2019-06-27 04:26:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.37 Mbit/s

95th percentile per-packet one-way delay: 42.846 ms

Loss rate: 40.41%

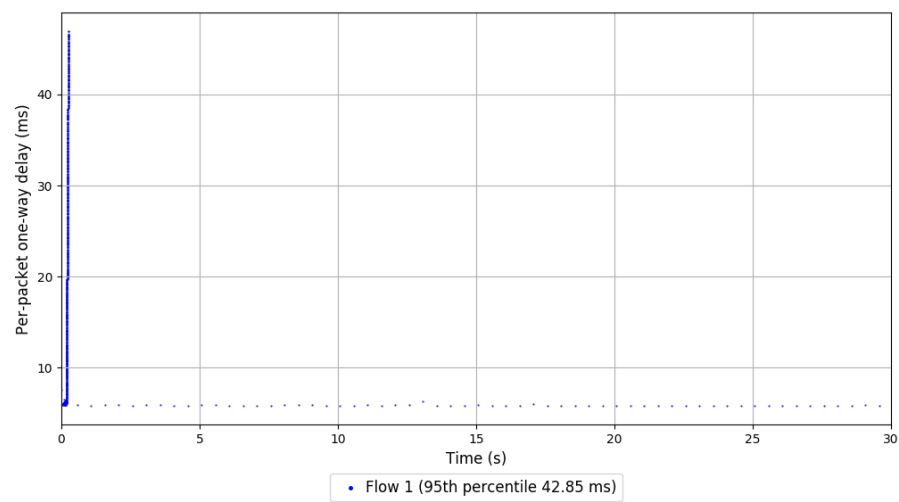
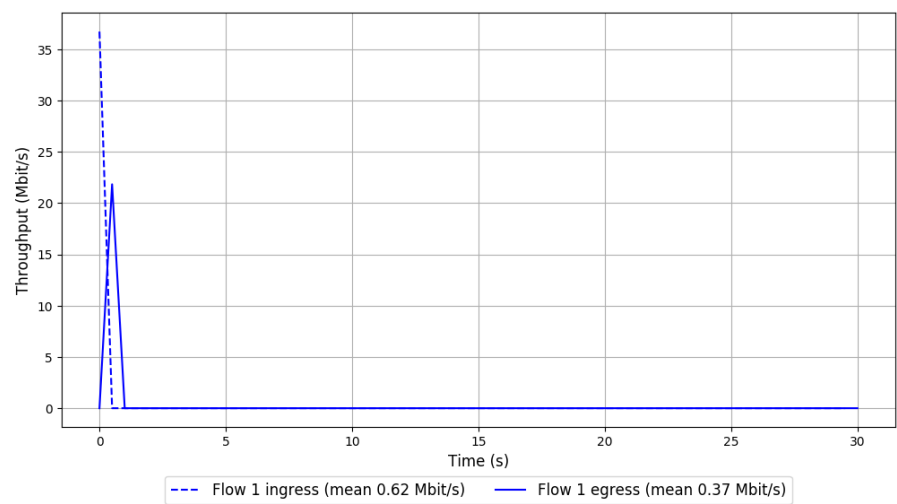
-- Flow 1:

Average throughput: 0.37 Mbit/s

95th percentile per-packet one-way delay: 42.846 ms

Loss rate: 40.41%

Run 2: Report of FillP-Sheep — Data Link



Run 3: Statistics of FillP-Sheep

Start at: 2019-06-27 03:13:43

End at: 2019-06-27 03:14:13

Local clock offset: 2.486 ms

Remote clock offset: -6.231 ms

Below is generated by plot.py at 2019-06-27 04:27:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.81 Mbit/s

95th percentile per-packet one-way delay: 8.930 ms

Loss rate: 0.28%

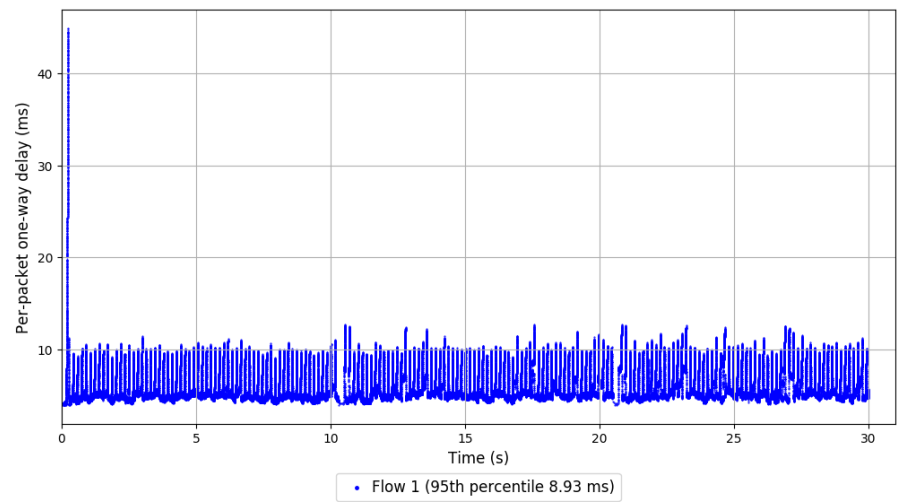
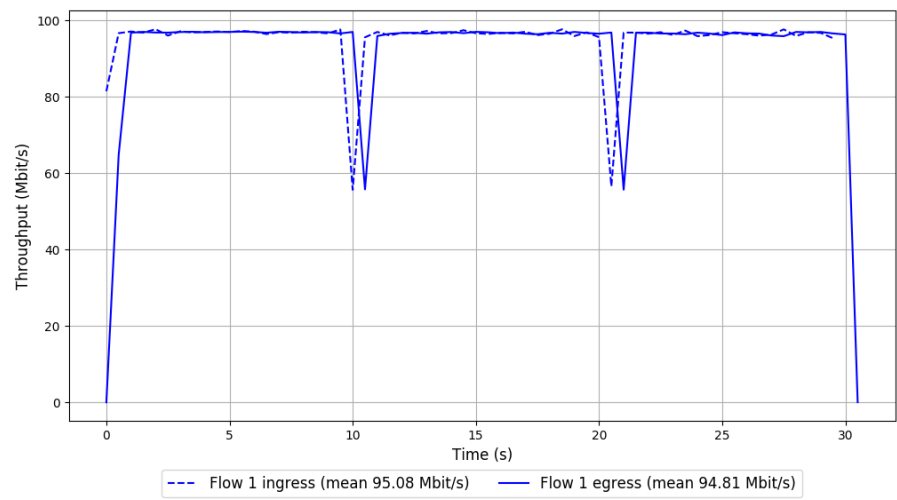
-- Flow 1:

Average throughput: 94.81 Mbit/s

95th percentile per-packet one-way delay: 8.930 ms

Loss rate: 0.28%

Run 3: Report of FillP-Sheep — Data Link

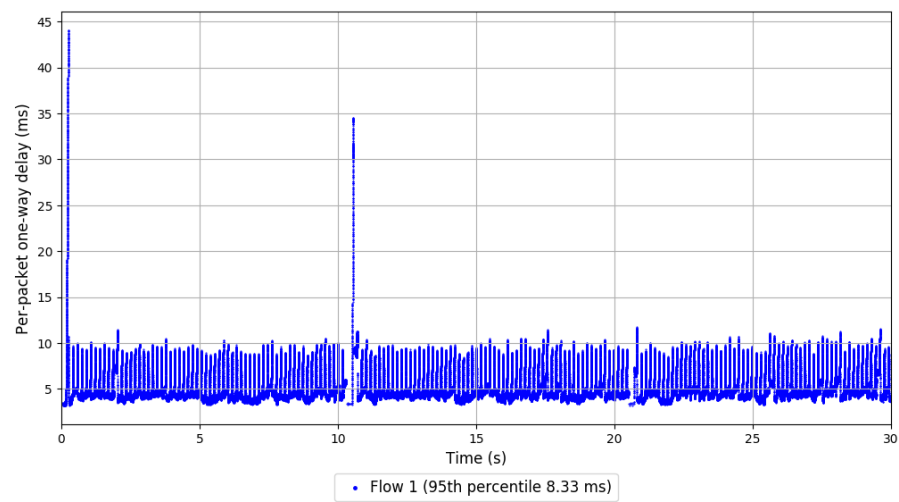
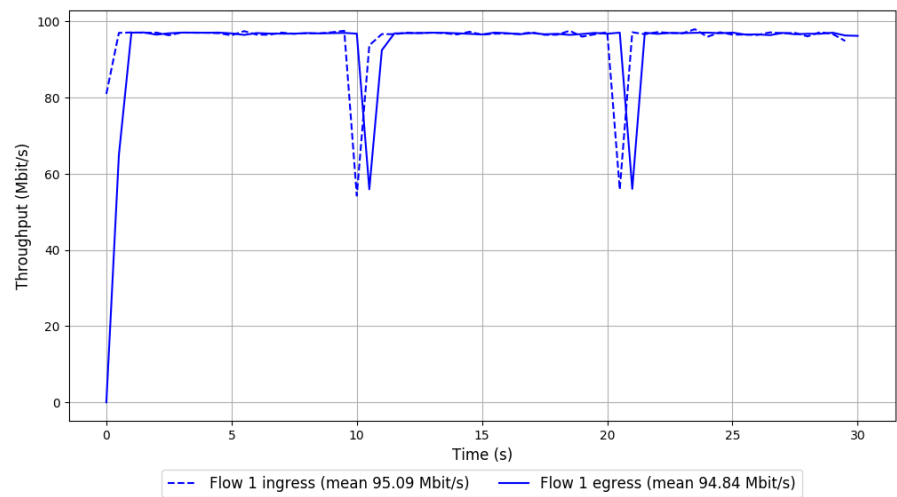


Run 4: Statistics of FillP-Sheep

Start at: 2019-06-27 03:39:10
End at: 2019-06-27 03:39:40
Local clock offset: 2.837 ms
Remote clock offset: -6.221 ms

Below is generated by plot.py at 2019-06-27 04:27:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.84 Mbit/s
95th percentile per-packet one-way delay: 8.327 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 94.84 Mbit/s
95th percentile per-packet one-way delay: 8.327 ms
Loss rate: 0.27%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2019-06-27 04:04:36

End at: 2019-06-27 04:05:06

Local clock offset: 1.147 ms

Remote clock offset: -4.894 ms

Below is generated by plot.py at 2019-06-27 04:27:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.37 Mbit/s

95th percentile per-packet one-way delay: 43.121 ms

Loss rate: 41.23%

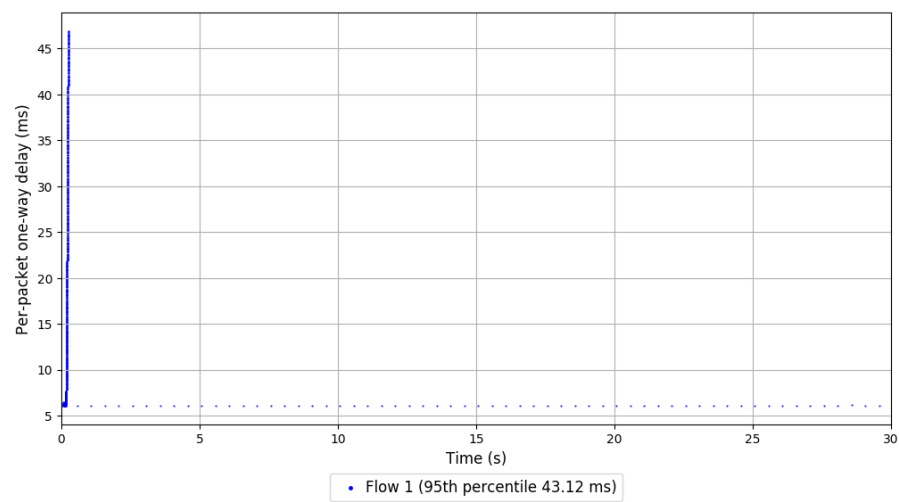
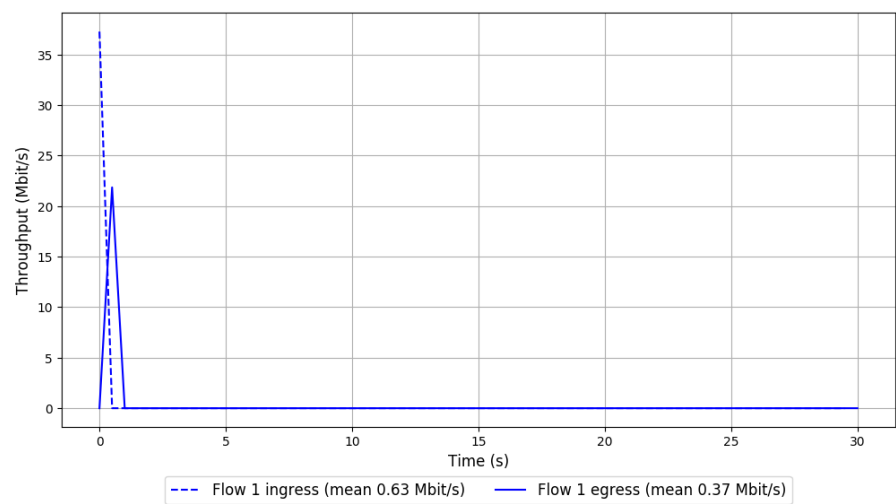
-- Flow 1:

Average throughput: 0.37 Mbit/s

95th percentile per-packet one-way delay: 43.121 ms

Loss rate: 41.23%

Run 5: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

Start at: 2019-06-27 02:29:00

End at: 2019-06-27 02:29:30

Local clock offset: 2.462 ms

Remote clock offset: -7.15 ms

Below is generated by plot.py at 2019-06-27 04:27:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.86 Mbit/s

95th percentile per-packet one-way delay: 7.763 ms

Loss rate: 0.00%

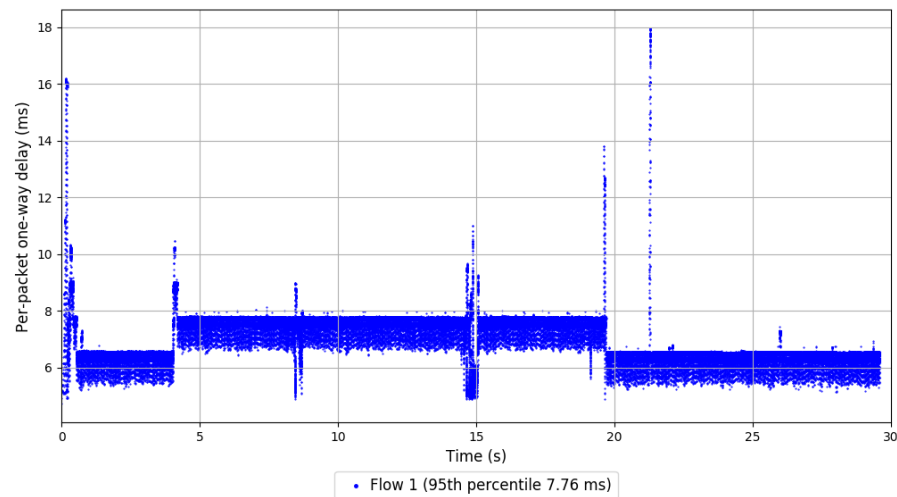
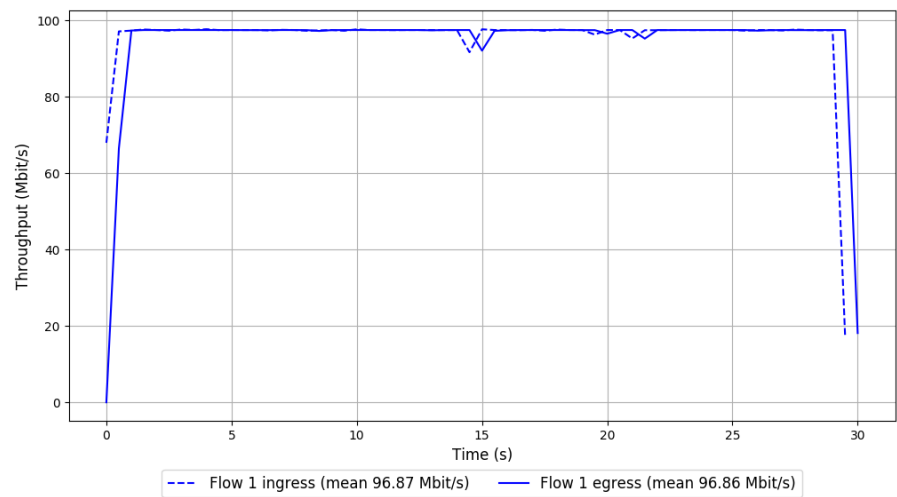
-- Flow 1:

Average throughput: 96.86 Mbit/s

95th percentile per-packet one-way delay: 7.763 ms

Loss rate: 0.00%

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2019-06-27 02:54:02

End at: 2019-06-27 02:54:32

Local clock offset: 1.943 ms

Remote clock offset: -5.999 ms

Below is generated by plot.py at 2019-06-27 04:27:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.96 Mbit/s

95th percentile per-packet one-way delay: 8.582 ms

Loss rate: 0.00%

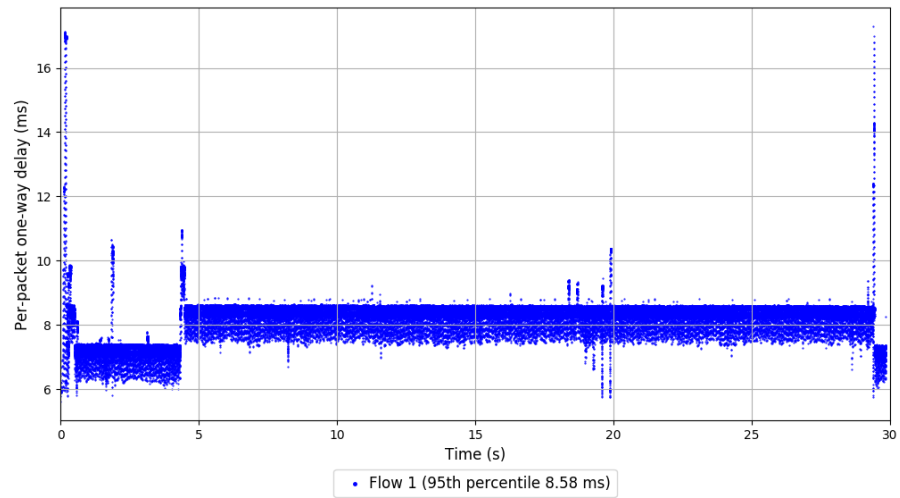
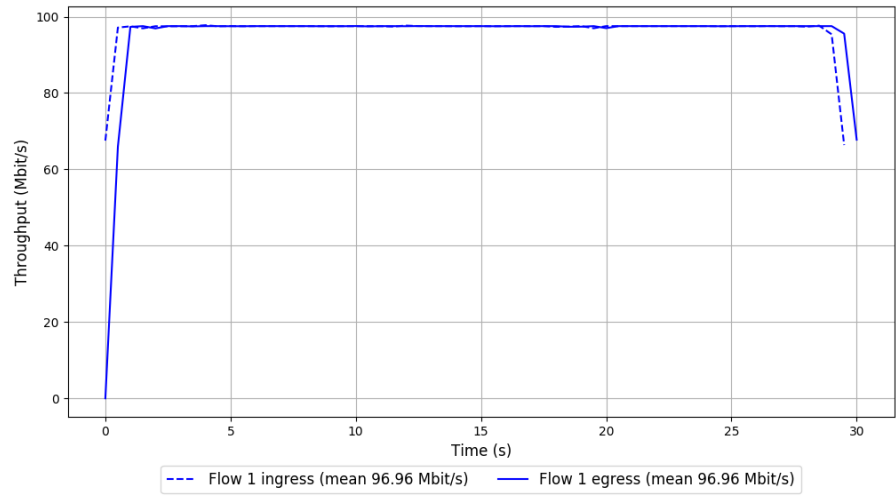
-- Flow 1:

Average throughput: 96.96 Mbit/s

95th percentile per-packet one-way delay: 8.582 ms

Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

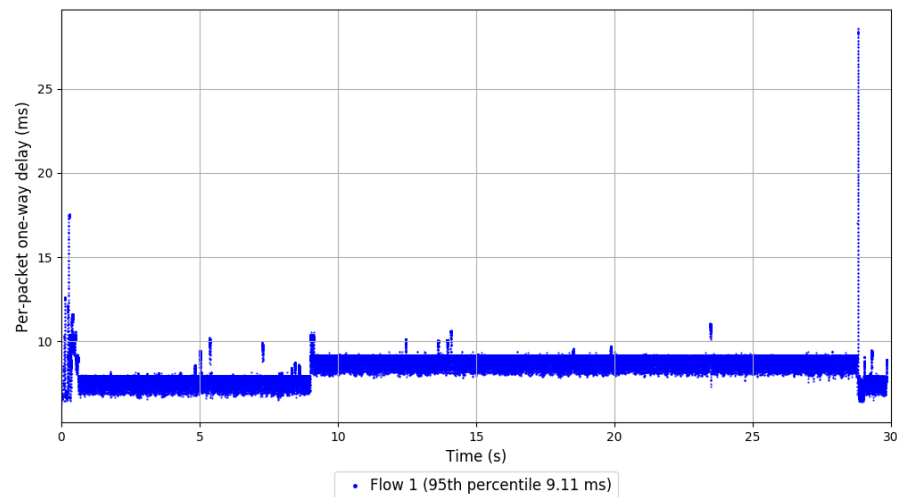
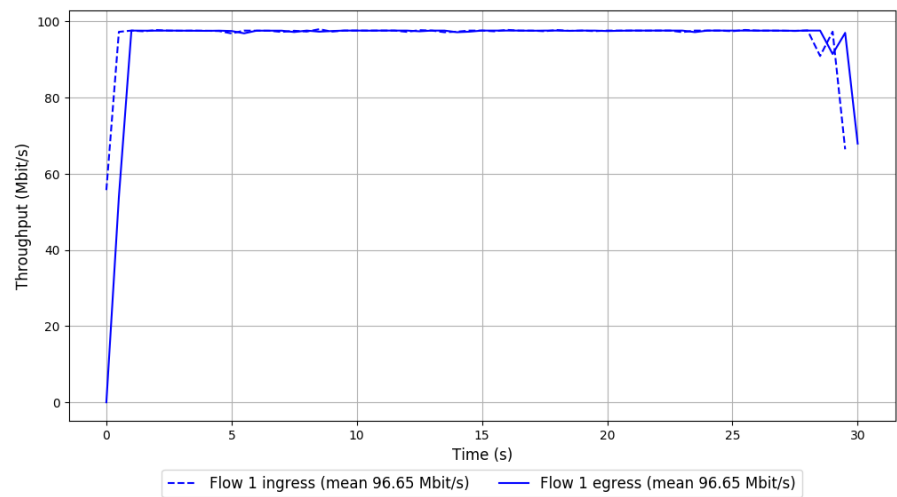


Run 3: Statistics of Indigo

Start at: 2019-06-27 03:19:29
End at: 2019-06-27 03:19:59
Local clock offset: 1.15 ms
Remote clock offset: -5.268 ms

Below is generated by plot.py at 2019-06-27 04:27:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.65 Mbit/s
95th percentile per-packet one-way delay: 9.113 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.65 Mbit/s
95th percentile per-packet one-way delay: 9.113 ms
Loss rate: 0.00%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2019-06-27 03:45:05

End at: 2019-06-27 03:45:35

Local clock offset: 1.769 ms

Remote clock offset: -5.0 ms

Below is generated by plot.py at 2019-06-27 04:28:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.86 Mbit/s

95th percentile per-packet one-way delay: 8.376 ms

Loss rate: 0.00%

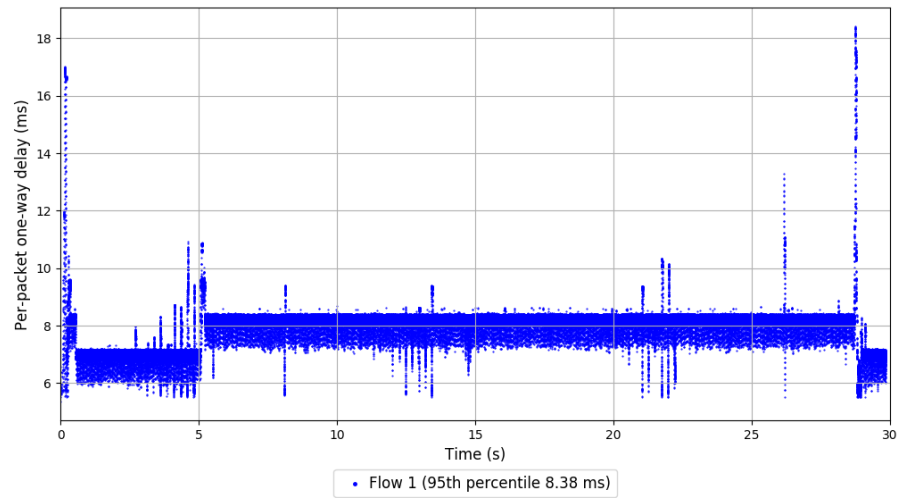
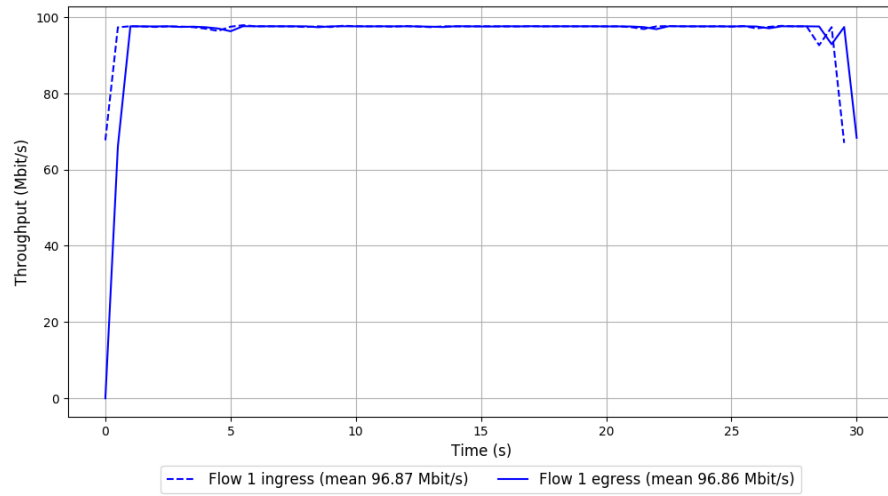
-- Flow 1:

Average throughput: 96.86 Mbit/s

95th percentile per-packet one-way delay: 8.376 ms

Loss rate: 0.00%

Run 4: Report of Indigo — Data Link

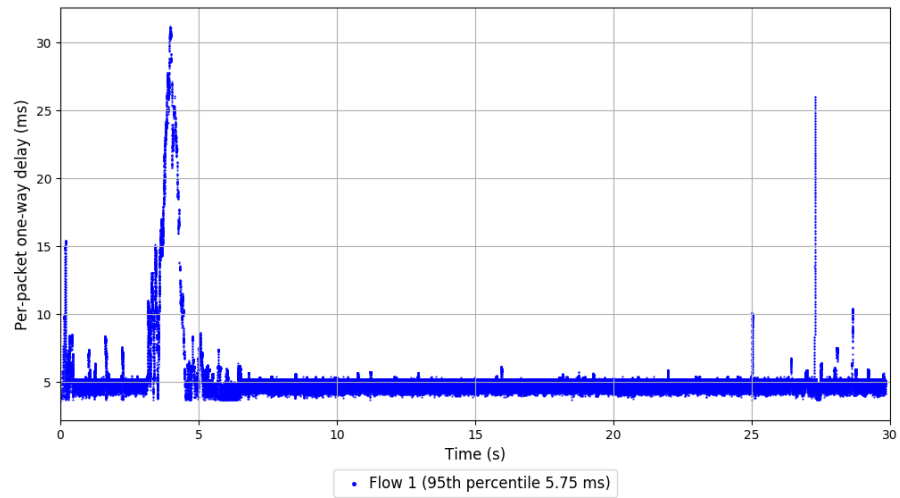
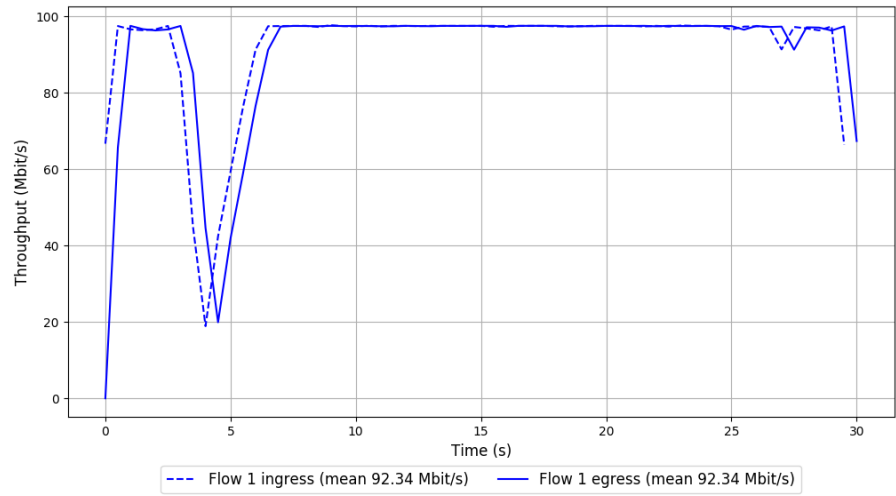


Run 5: Statistics of Indigo

Start at: 2019-06-27 04:10:10
End at: 2019-06-27 04:10:40
Local clock offset: 1.922 ms
Remote clock offset: -6.624 ms

Below is generated by plot.py at 2019-06-27 04:28:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.34 Mbit/s
95th percentile per-packet one-way delay: 5.752 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.34 Mbit/s
95th percentile per-packet one-way delay: 5.752 ms
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link



Run 1: Statistics of Indigo-MusesC3

Start at: 2019-06-27 02:37:04

End at: 2019-06-27 02:37:34

Local clock offset: 2.676 ms

Remote clock offset: -4.586 ms

Below is generated by plot.py at 2019-06-27 04:28:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.62 Mbit/s

95th percentile per-packet one-way delay: 10.741 ms

Loss rate: 0.00%

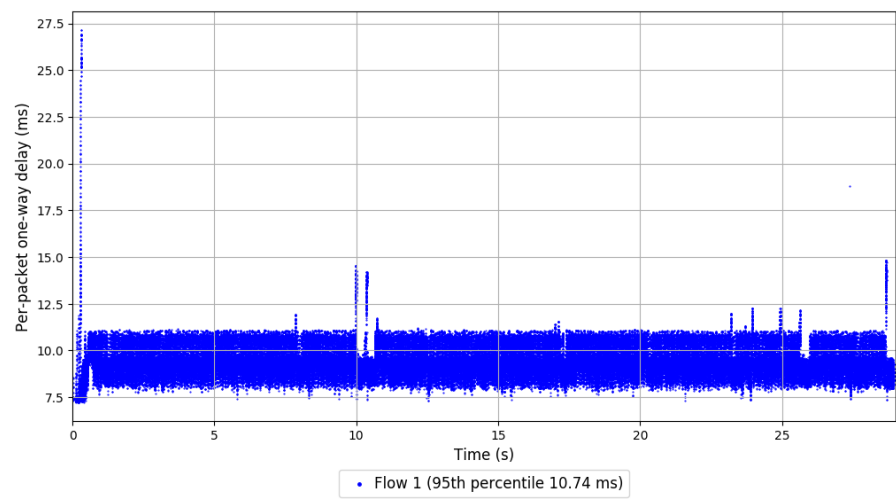
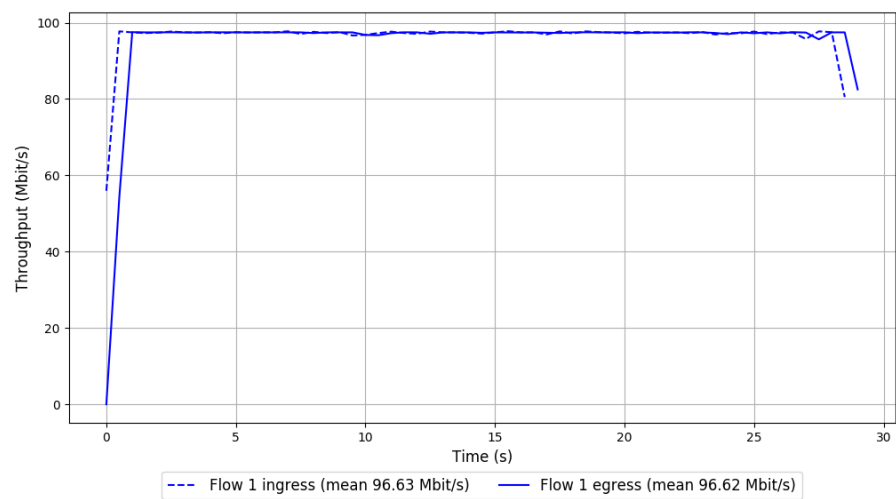
-- Flow 1:

Average throughput: 96.62 Mbit/s

95th percentile per-packet one-way delay: 10.741 ms

Loss rate: 0.00%

Run 1: Report of Indigo-MusesC3 — Data Link



Run 2: Statistics of Indigo-MusesC3

Start at: 2019-06-27 03:02:08

End at: 2019-06-27 03:02:38

Local clock offset: 1.943 ms

Remote clock offset: -5.89 ms

Below is generated by plot.py at 2019-06-27 04:29:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.56 Mbit/s

95th percentile per-packet one-way delay: 9.032 ms

Loss rate: 0.00%

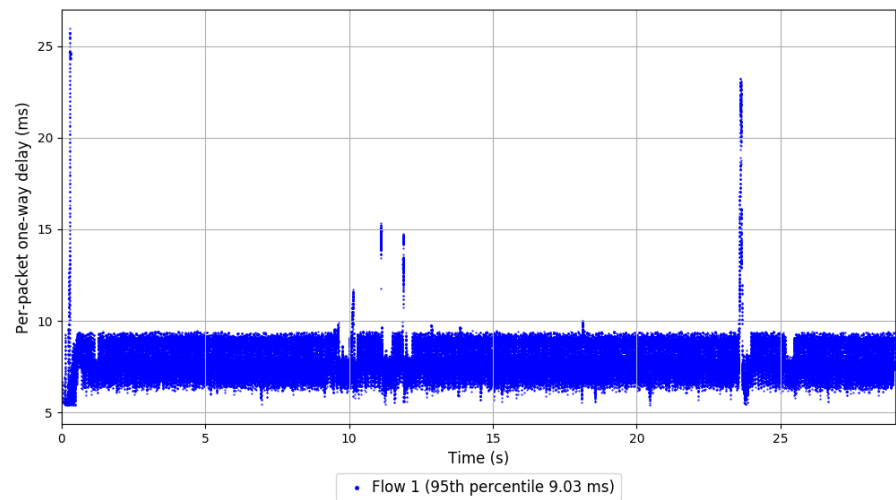
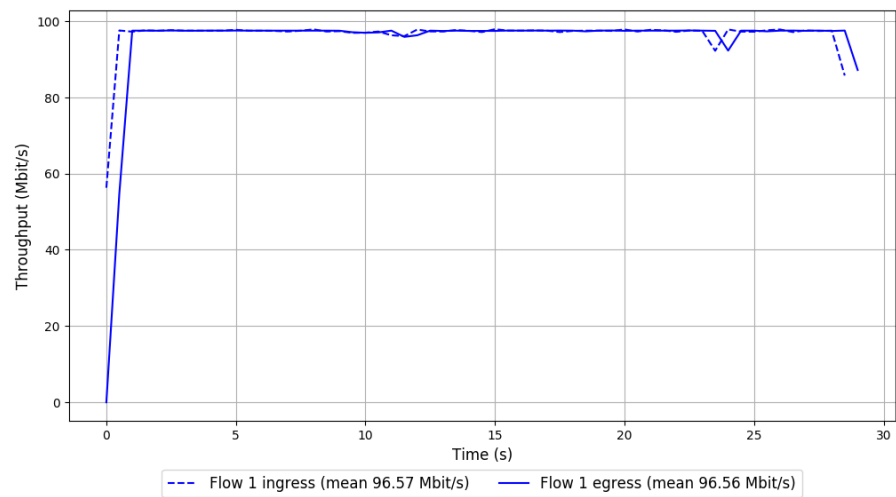
-- Flow 1:

Average throughput: 96.56 Mbit/s

95th percentile per-packet one-way delay: 9.032 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesC3 — Data Link

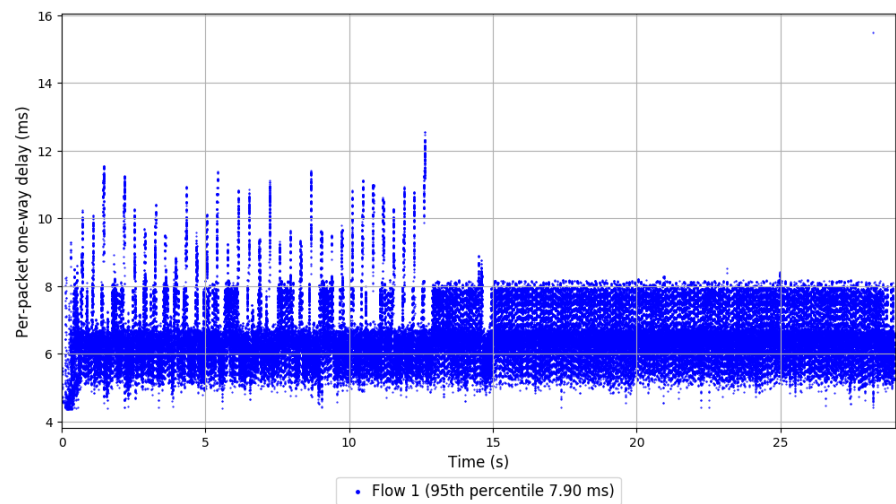
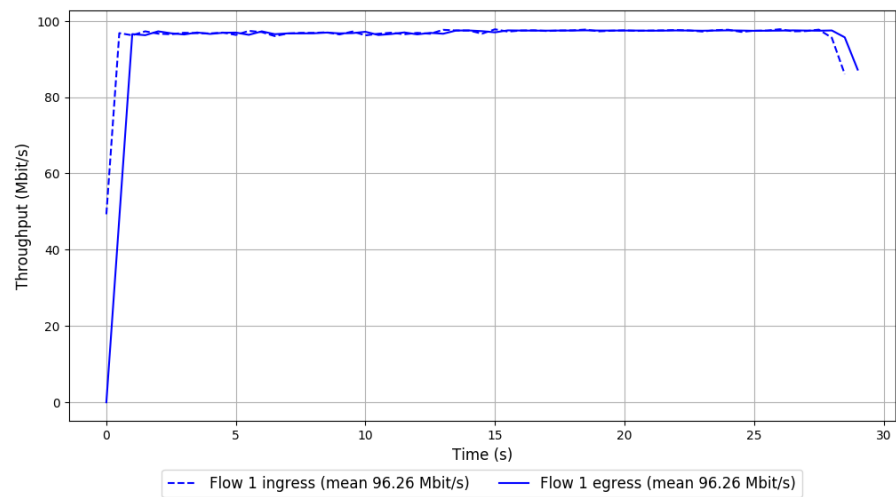


Run 3: Statistics of Indigo-MusesC3

Start at: 2019-06-27 03:27:46
End at: 2019-06-27 03:28:16
Local clock offset: 1.871 ms
Remote clock offset: -6.482 ms

Below is generated by plot.py at 2019-06-27 04:29:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.26 Mbit/s
95th percentile per-packet one-way delay: 7.896 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.26 Mbit/s
95th percentile per-packet one-way delay: 7.896 ms
Loss rate: 0.00%

Run 3: Report of Indigo-MusesC3 — Data Link

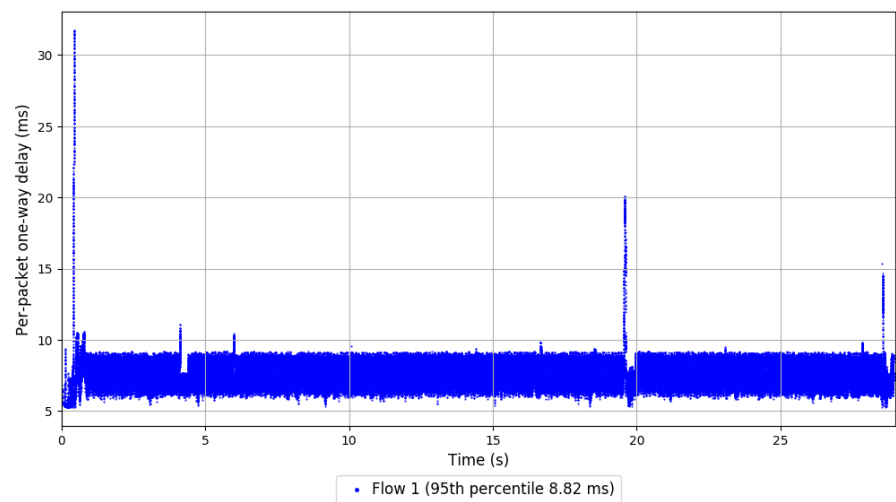
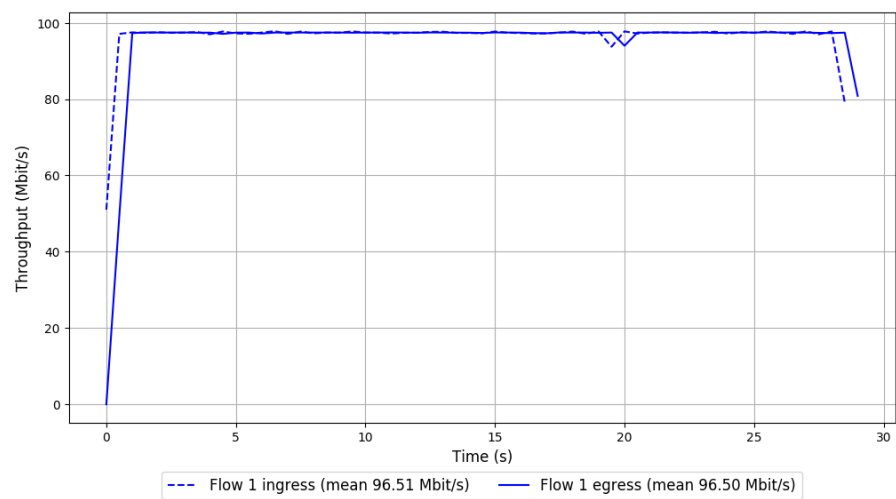


Run 4: Statistics of Indigo-MusesC3

Start at: 2019-06-27 03:53:13
End at: 2019-06-27 03:53:43
Local clock offset: 2.314 ms
Remote clock offset: -4.708 ms

Below is generated by plot.py at 2019-06-27 04:29:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.50 Mbit/s
95th percentile per-packet one-way delay: 8.821 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.50 Mbit/s
95th percentile per-packet one-way delay: 8.821 ms
Loss rate: 0.00%

Run 4: Report of Indigo-MusesC3 — Data Link



Run 5: Statistics of Indigo-MusesC3

Start at: 2019-06-27 04:18:22

End at: 2019-06-27 04:18:52

Local clock offset: 2.226 ms

Remote clock offset: -4.511 ms

Below is generated by plot.py at 2019-06-27 04:29:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.60 Mbit/s

95th percentile per-packet one-way delay: 10.162 ms

Loss rate: 0.06%

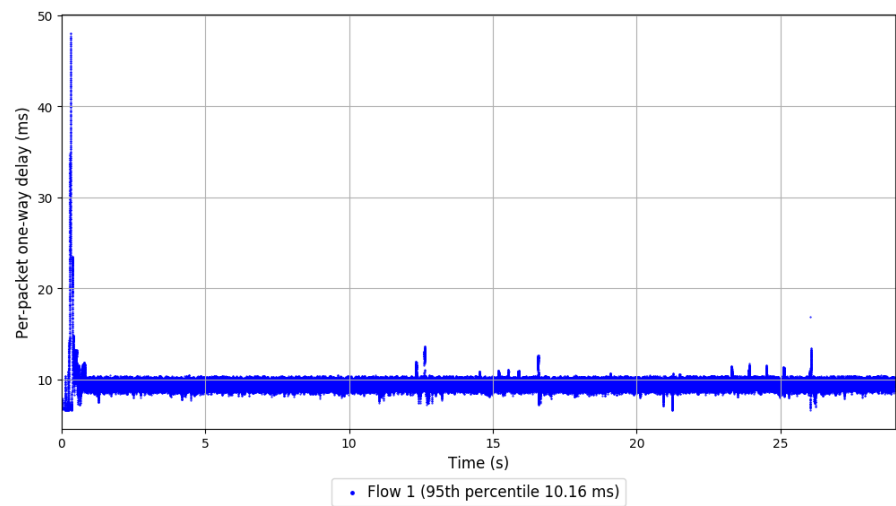
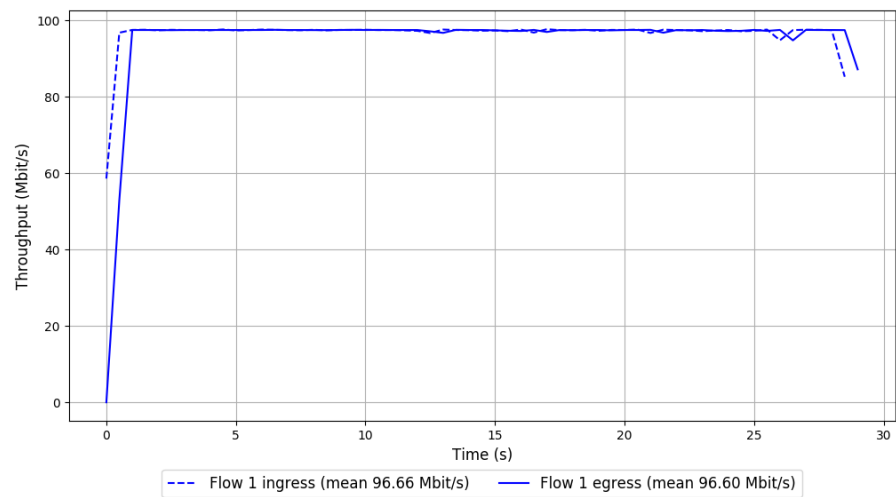
-- Flow 1:

Average throughput: 96.60 Mbit/s

95th percentile per-packet one-way delay: 10.162 ms

Loss rate: 0.06%

Run 5: Report of Indigo-MusesC3 — Data Link



Run 1: Statistics of Indigo-MusesC5

Start at: 2019-06-27 02:25:36

End at: 2019-06-27 02:26:06

Local clock offset: 1.868 ms

Remote clock offset: -11.678 ms

Below is generated by plot.py at 2019-06-27 04:29:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.64 Mbit/s

95th percentile per-packet one-way delay: 3.815 ms

Loss rate: 0.00%

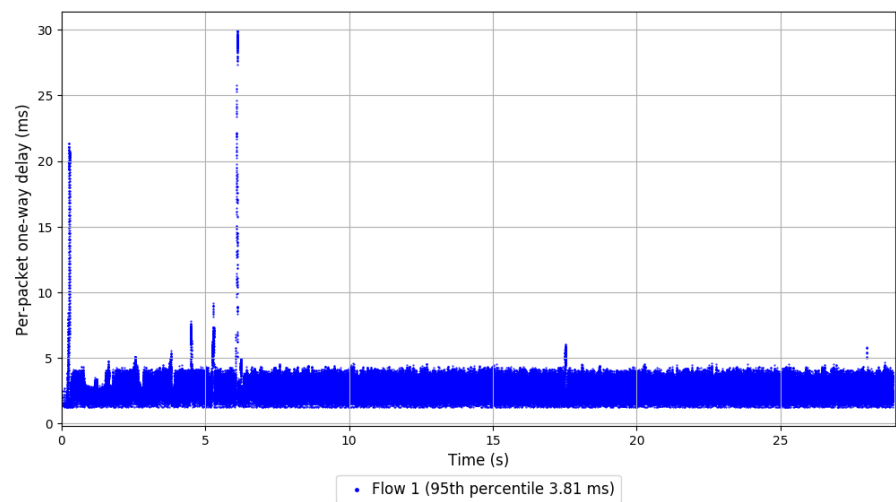
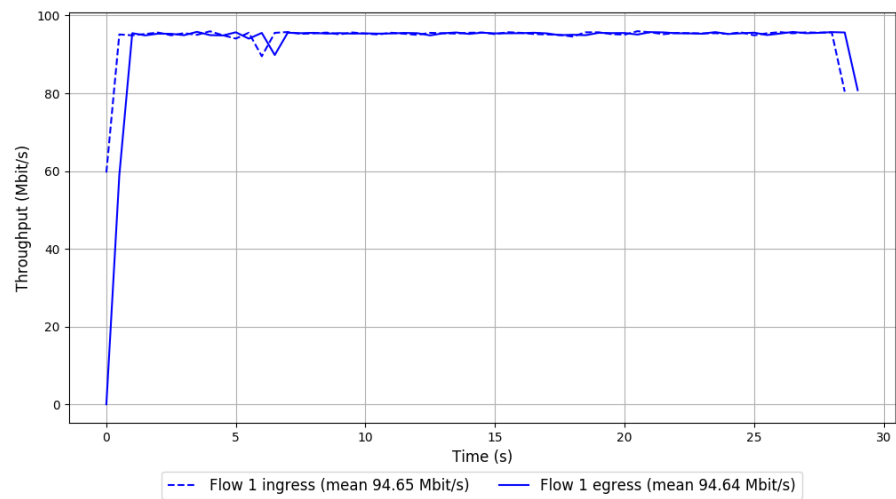
-- Flow 1:

Average throughput: 94.64 Mbit/s

95th percentile per-packet one-way delay: 3.815 ms

Loss rate: 0.00%

Run 1: Report of Indigo-MusesC5 — Data Link



Run 2: Statistics of Indigo-MusesC5

Start at: 2019-06-27 02:50:33

End at: 2019-06-27 02:51:03

Local clock offset: 2.707 ms

Remote clock offset: -6.364 ms

Below is generated by plot.py at 2019-06-27 04:29:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.29 Mbit/s

95th percentile per-packet one-way delay: 7.433 ms

Loss rate: 0.00%

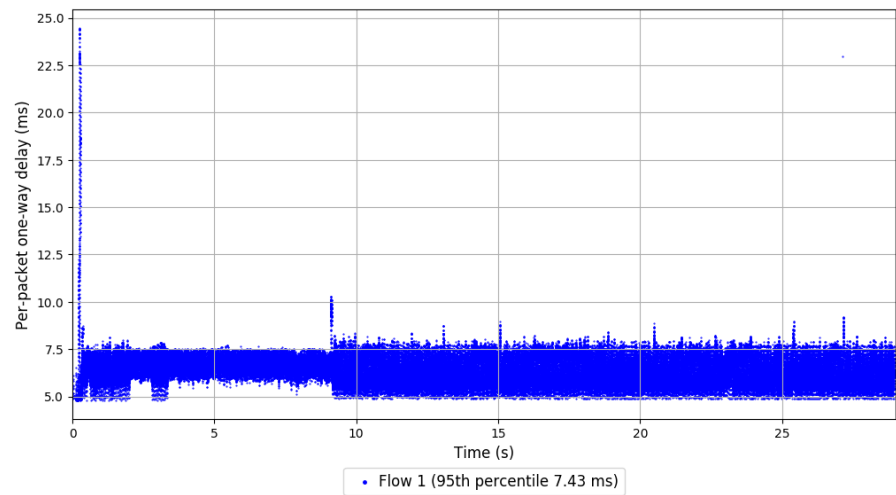
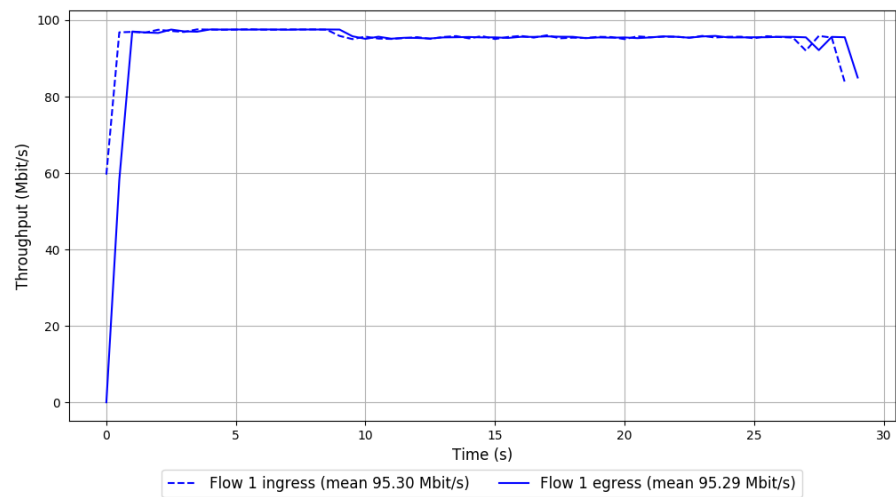
-- Flow 1:

Average throughput: 95.29 Mbit/s

95th percentile per-packet one-way delay: 7.433 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesC5 — Data Link

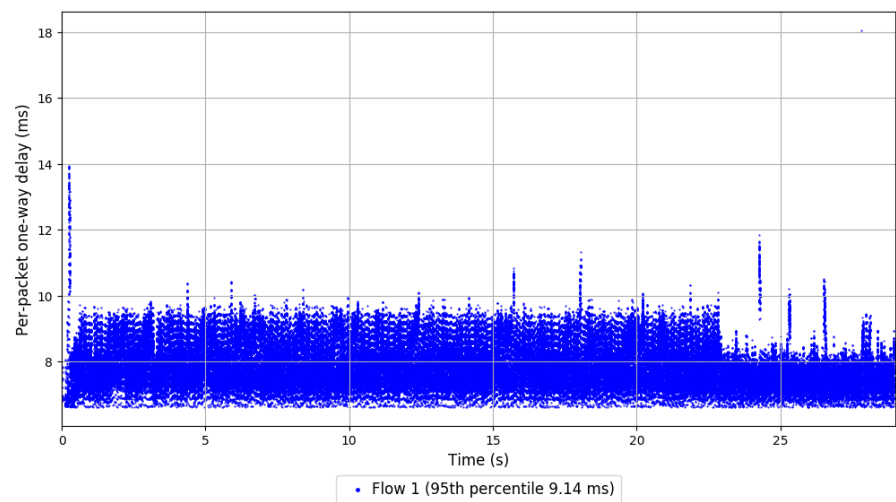
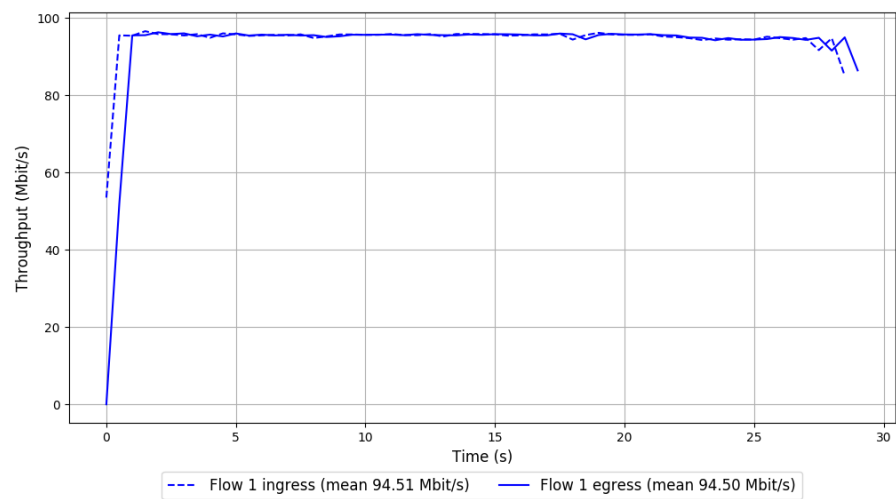


Run 3: Statistics of Indigo-MusesC5

Start at: 2019-06-27 03:15:59
End at: 2019-06-27 03:16:29
Local clock offset: 0.886 ms
Remote clock offset: -5.395 ms

Below is generated by plot.py at 2019-06-27 04:29:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.50 Mbit/s
95th percentile per-packet one-way delay: 9.138 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 94.50 Mbit/s
95th percentile per-packet one-way delay: 9.138 ms
Loss rate: 0.00%

Run 3: Report of Indigo-MusesC5 — Data Link



Run 4: Statistics of Indigo-MusesC5

Start at: 2019-06-27 03:41:34

End at: 2019-06-27 03:42:04

Local clock offset: 1.907 ms

Remote clock offset: -5.412 ms

Below is generated by plot.py at 2019-06-27 04:29:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.56 Mbit/s

95th percentile per-packet one-way delay: 7.658 ms

Loss rate: 0.00%

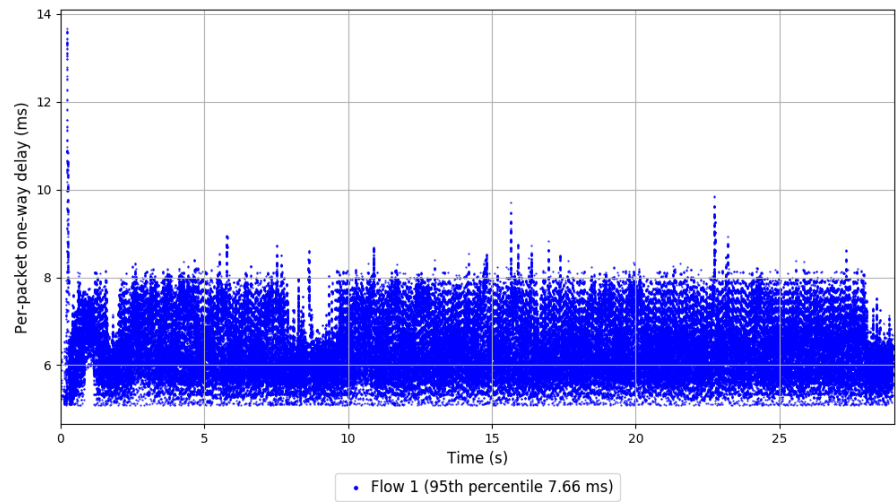
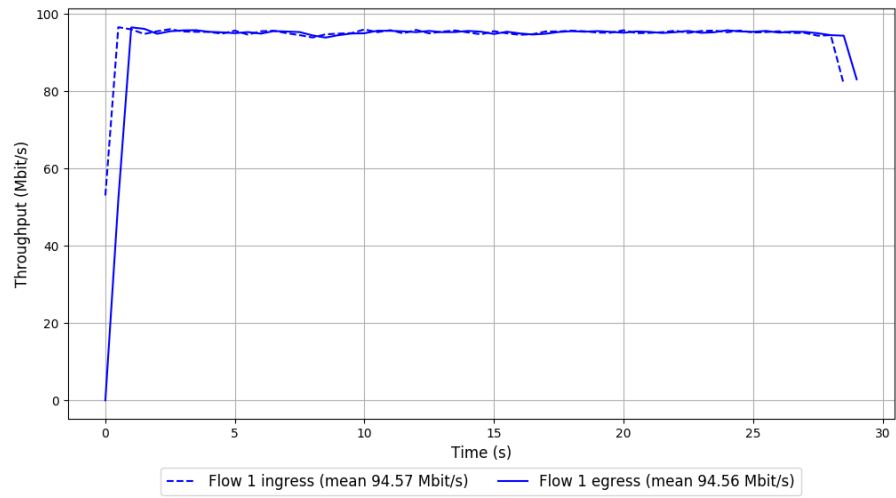
-- Flow 1:

Average throughput: 94.56 Mbit/s

95th percentile per-packet one-way delay: 7.658 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesC5 — Data Link



Run 5: Statistics of Indigo-MusesC5

Start at: 2019-06-27 04:06:46

End at: 2019-06-27 04:07:16

Local clock offset: 1.842 ms

Remote clock offset: -5.043 ms

Below is generated by plot.py at 2019-06-27 04:30:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.17 Mbit/s

95th percentile per-packet one-way delay: 8.033 ms

Loss rate: 0.00%

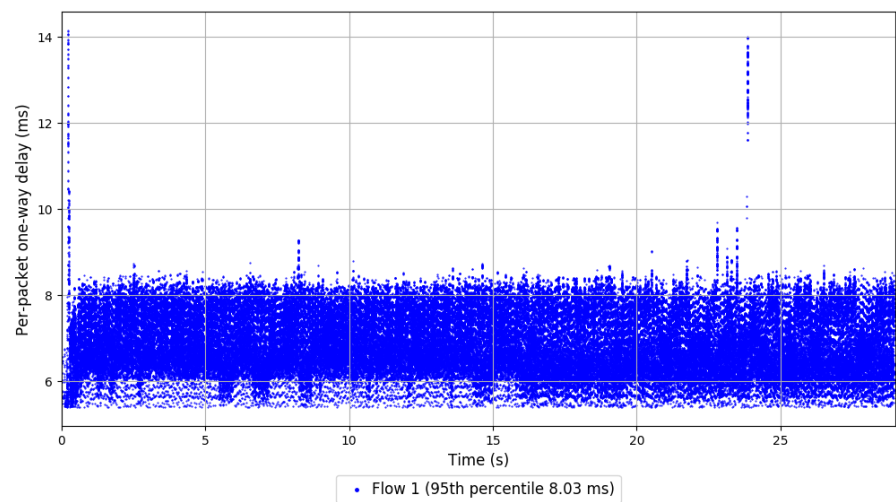
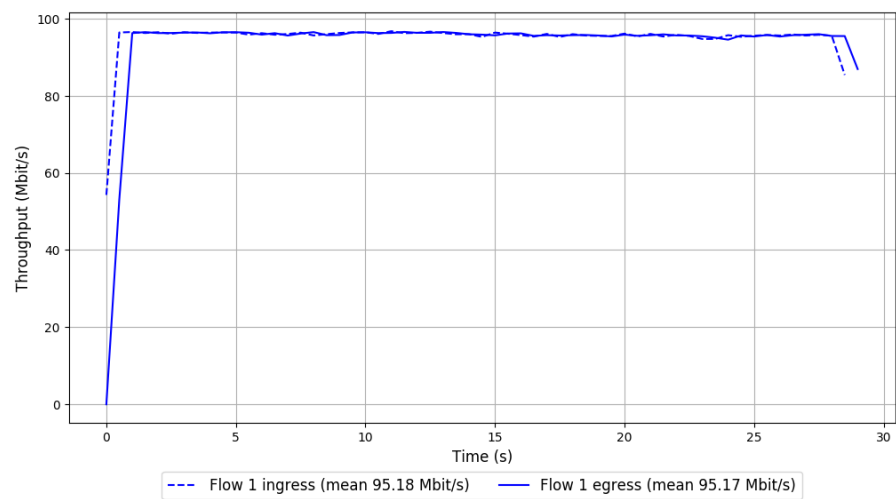
-- Flow 1:

Average throughput: 95.17 Mbit/s

95th percentile per-packet one-way delay: 8.033 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesC5 — Data Link



Run 1: Statistics of Indigo-MusesD

Start at: 2019-06-27 02:18:55

End at: 2019-06-27 02:19:25

Local clock offset: 1.839 ms

Remote clock offset: -7.103 ms

Below is generated by plot.py at 2019-06-27 04:30:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.94 Mbit/s

95th percentile per-packet one-way delay: 9.578 ms

Loss rate: 0.00%

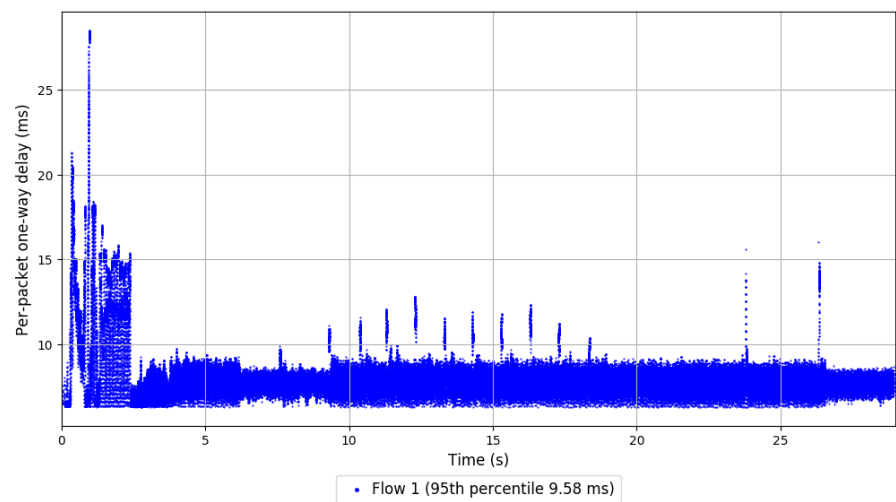
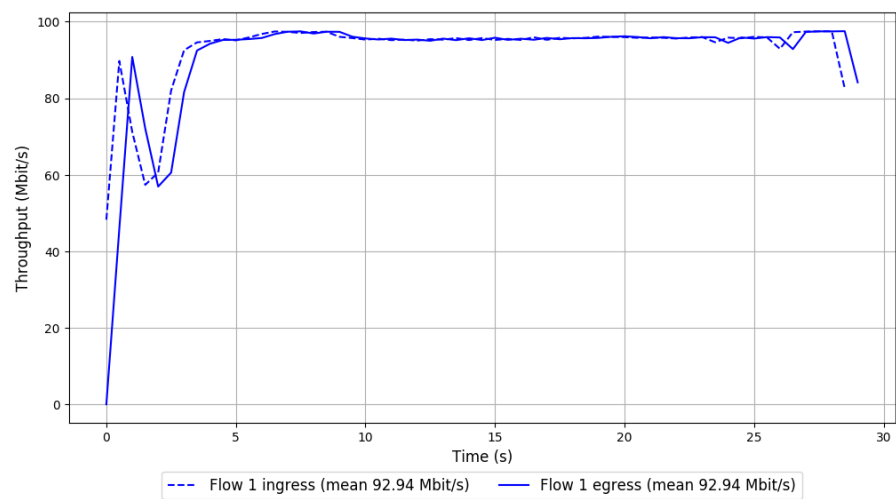
-- Flow 1:

Average throughput: 92.94 Mbit/s

95th percentile per-packet one-way delay: 9.578 ms

Loss rate: 0.00%

Run 1: Report of Indigo-MusesD — Data Link



Run 2: Statistics of Indigo-MusesD

Start at: 2019-06-27 02:43:55

End at: 2019-06-27 02:44:25

Local clock offset: 3.182 ms

Remote clock offset: -6.617 ms

Below is generated by plot.py at 2019-06-27 04:30:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.05 Mbit/s

95th percentile per-packet one-way delay: 7.161 ms

Loss rate: 0.00%

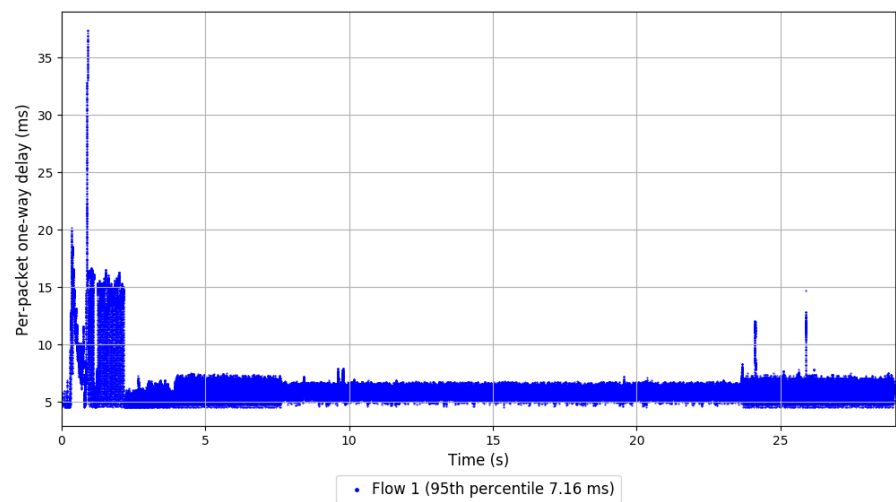
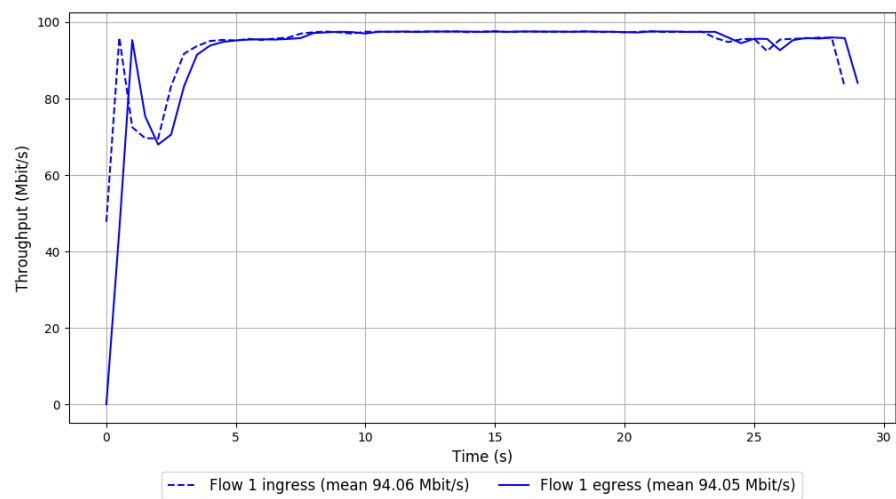
-- Flow 1:

Average throughput: 94.05 Mbit/s

95th percentile per-packet one-way delay: 7.161 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesD — Data Link



Run 3: Statistics of Indigo-MusesD

Start at: 2019-06-27 03:09:13

End at: 2019-06-27 03:09:43

Local clock offset: 2.445 ms

Remote clock offset: -5.165 ms

Below is generated by plot.py at 2019-06-27 04:30:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.71 Mbit/s

95th percentile per-packet one-way delay: 8.576 ms

Loss rate: 0.00%

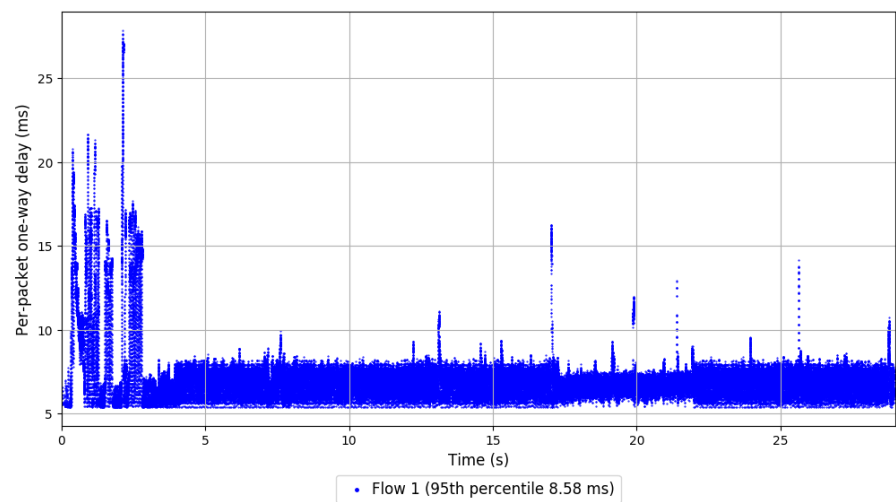
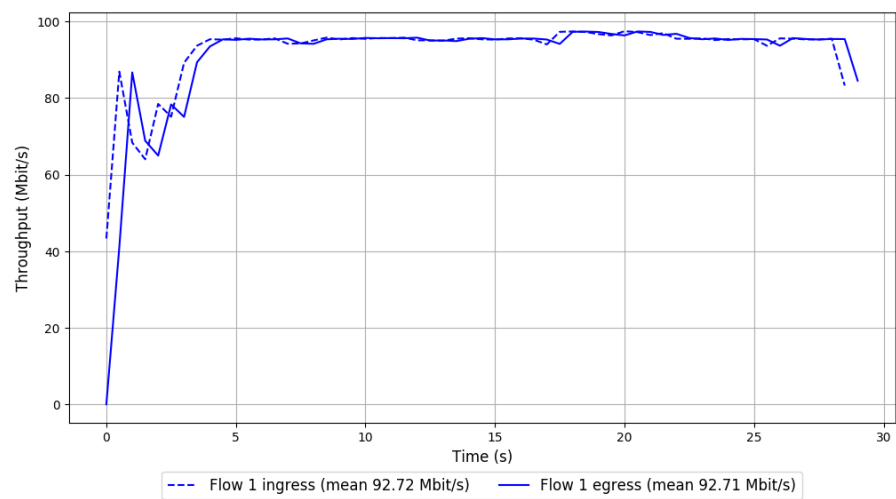
-- Flow 1:

Average throughput: 92.71 Mbit/s

95th percentile per-packet one-way delay: 8.576 ms

Loss rate: 0.00%

Run 3: Report of Indigo-MusesD — Data Link



Run 4: Statistics of Indigo-MusesD

Start at: 2019-06-27 03:34:40

End at: 2019-06-27 03:35:10

Local clock offset: 1.883 ms

Remote clock offset: -5.094 ms

Below is generated by plot.py at 2019-06-27 04:30:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.88 Mbit/s

95th percentile per-packet one-way delay: 8.341 ms

Loss rate: 0.00%

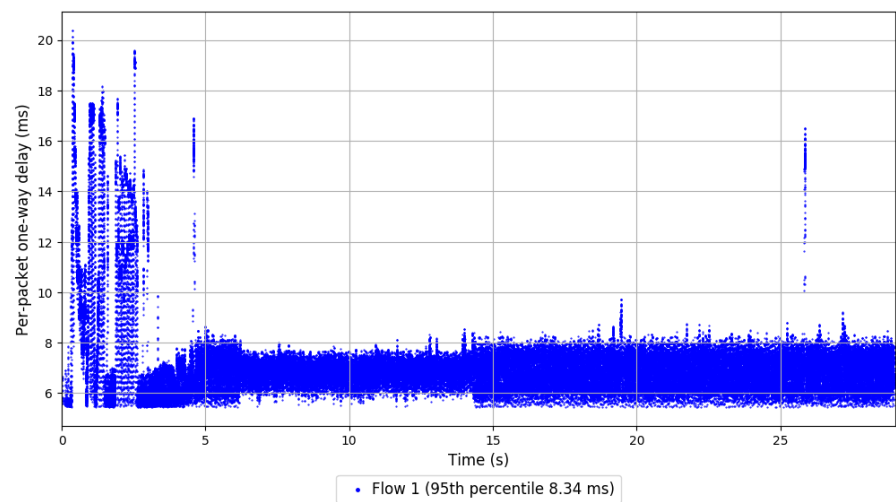
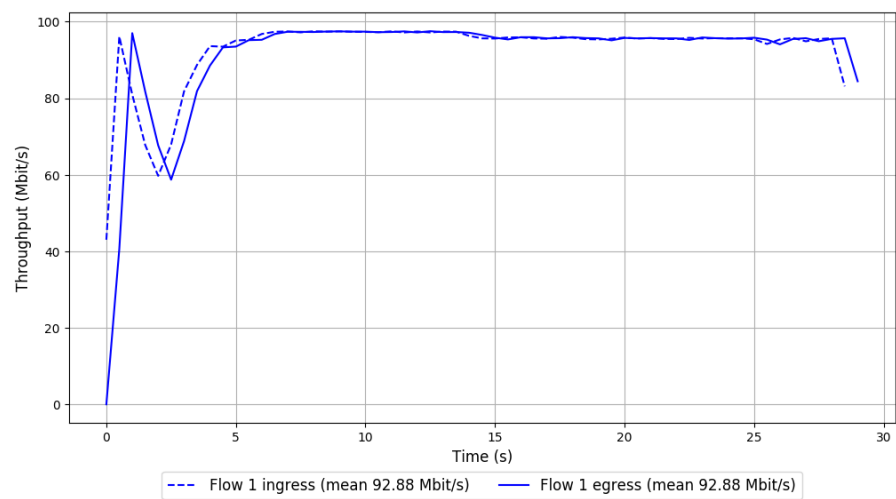
-- Flow 1:

Average throughput: 92.88 Mbit/s

95th percentile per-packet one-way delay: 8.341 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesD — Data Link



Run 5: Statistics of Indigo-MusesD

Start at: 2019-06-27 04:00:09

End at: 2019-06-27 04:00:39

Local clock offset: 2.216 ms

Remote clock offset: -4.618 ms

Below is generated by plot.py at 2019-06-27 04:30:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.16 Mbit/s

95th percentile per-packet one-way delay: 8.920 ms

Loss rate: 0.00%

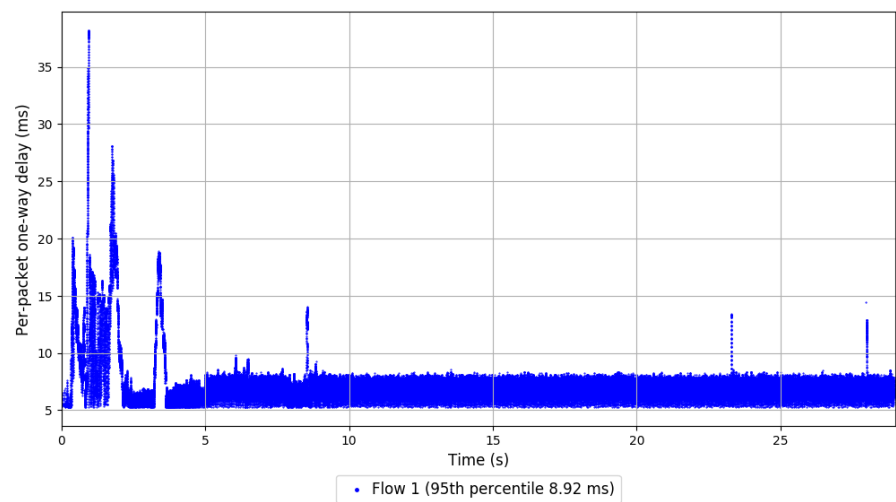
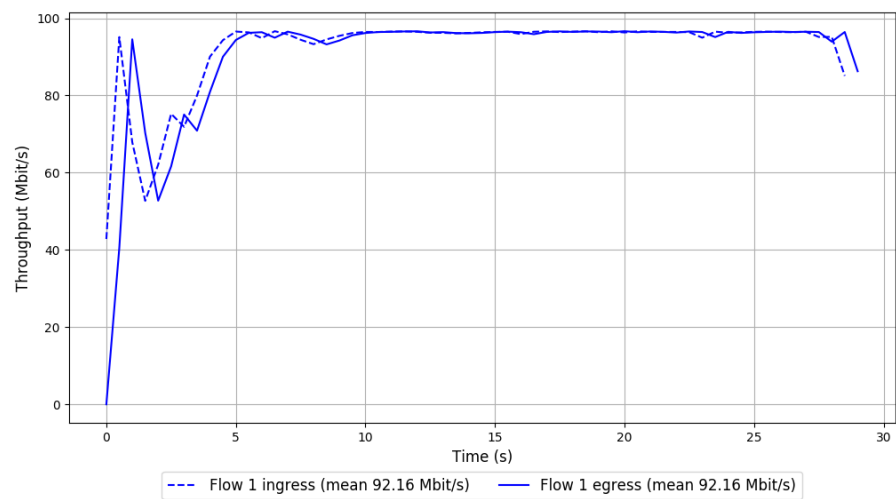
-- Flow 1:

Average throughput: 92.16 Mbit/s

95th percentile per-packet one-way delay: 8.920 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesD — Data Link



Run 1: Statistics of Indigo-MusesT

Start at: 2019-06-27 02:17:46

End at: 2019-06-27 02:18:16

Local clock offset: 2.33 ms

Remote clock offset: -7.204 ms

Below is generated by plot.py at 2019-06-27 04:30:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.04 Mbit/s

95th percentile per-packet one-way delay: 9.881 ms

Loss rate: 0.00%

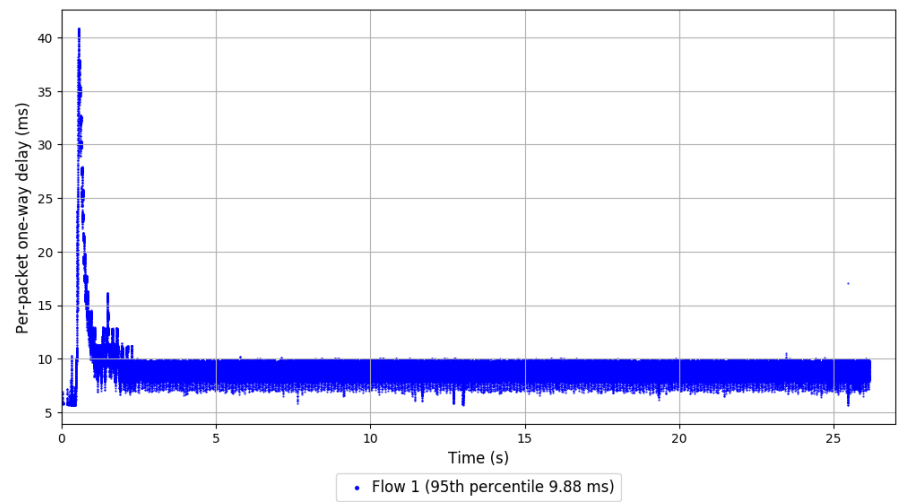
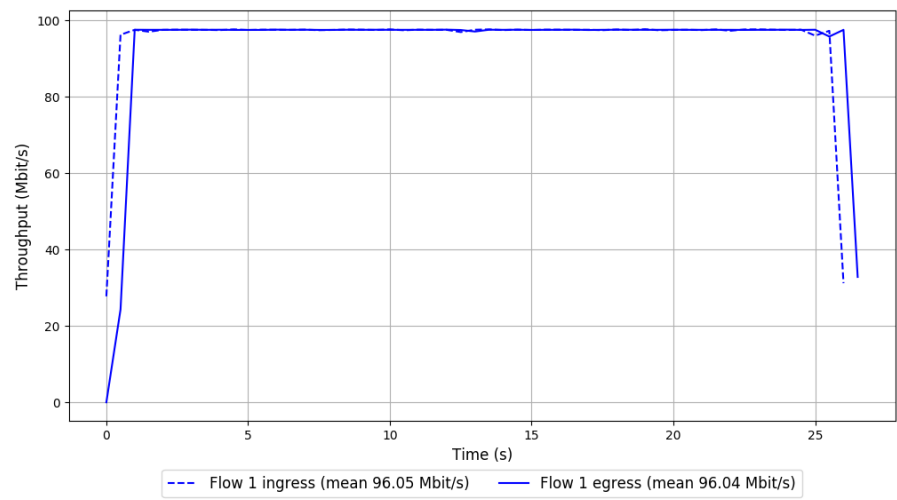
-- Flow 1:

Average throughput: 96.04 Mbit/s

95th percentile per-packet one-way delay: 9.881 ms

Loss rate: 0.00%

Run 1: Report of Indigo-MusesT — Data Link



Run 2: Statistics of Indigo-MusesT

Start at: 2019-06-27 02:42:45

End at: 2019-06-27 02:43:15

Local clock offset: 2.336 ms

Remote clock offset: -6.987 ms

Below is generated by plot.py at 2019-06-27 04:30:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.48 Mbit/s

95th percentile per-packet one-way delay: 8.592 ms

Loss rate: 0.00%

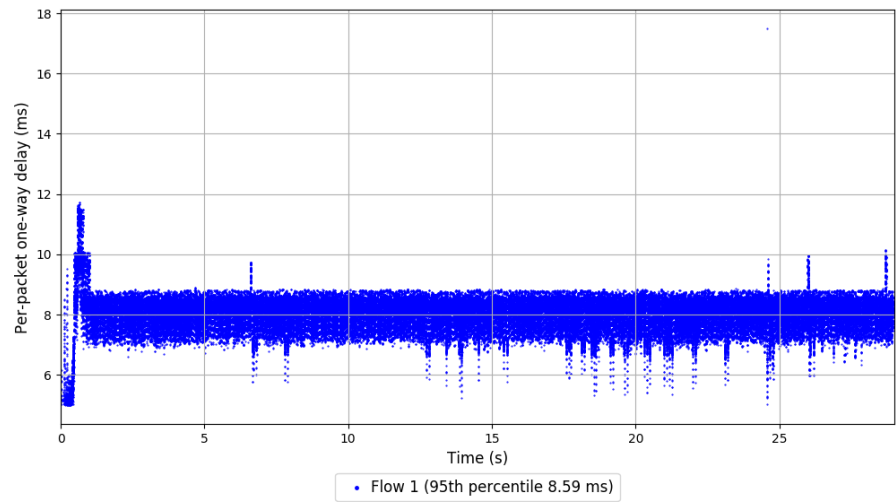
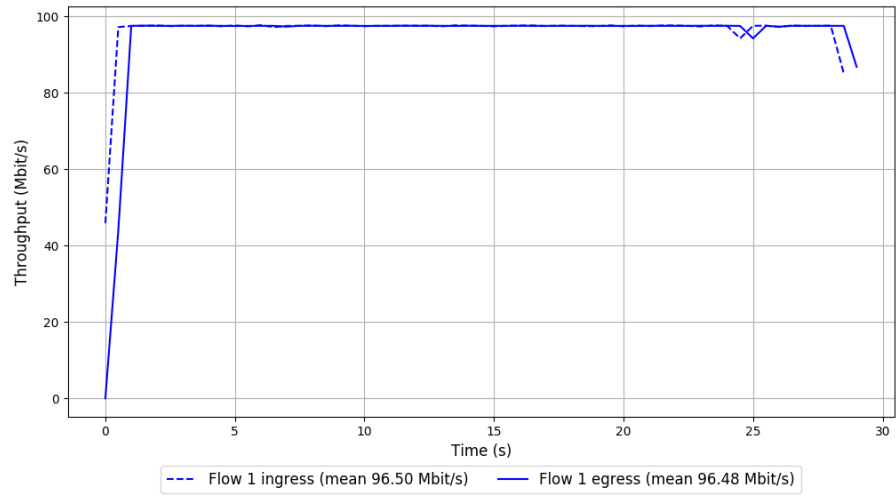
-- Flow 1:

Average throughput: 96.48 Mbit/s

95th percentile per-packet one-way delay: 8.592 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesT — Data Link



Run 3: Statistics of Indigo-MusesT

Start at: 2019-06-27 03:08:02

End at: 2019-06-27 03:08:32

Local clock offset: 1.602 ms

Remote clock offset: -6.14 ms

Below is generated by plot.py at 2019-06-27 04:31:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.47 Mbit/s

95th percentile per-packet one-way delay: 8.745 ms

Loss rate: 0.00%

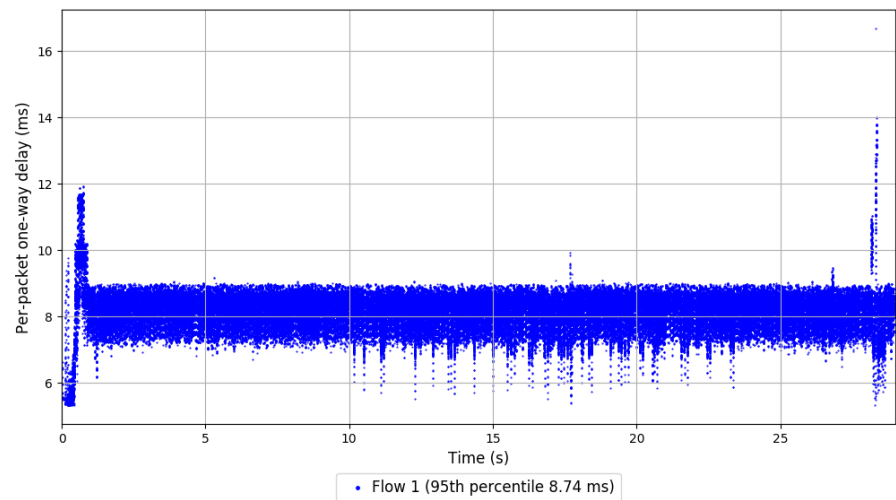
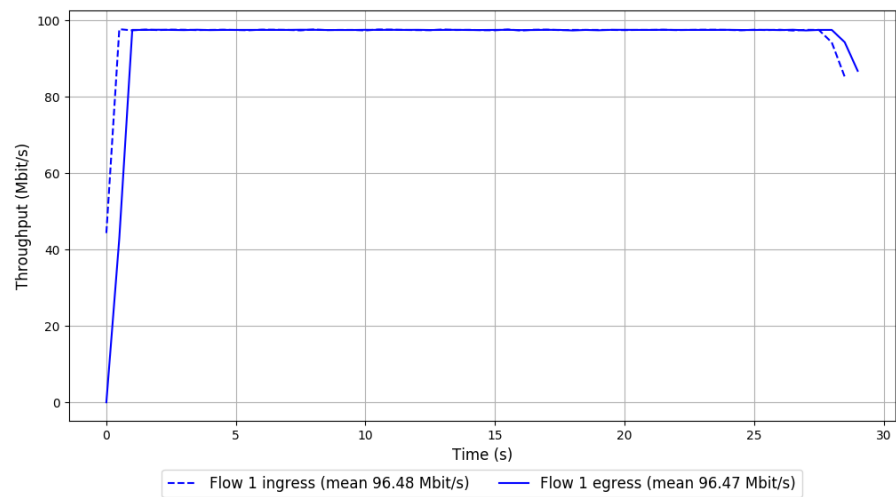
-- Flow 1:

Average throughput: 96.47 Mbit/s

95th percentile per-packet one-way delay: 8.745 ms

Loss rate: 0.00%

Run 3: Report of Indigo-MusesT — Data Link



Run 4: Statistics of Indigo-MusesT

Start at: 2019-06-27 03:33:30

End at: 2019-06-27 03:34:00

Local clock offset: 2.039 ms

Remote clock offset: -5.429 ms

Below is generated by plot.py at 2019-06-27 04:31:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.47 Mbit/s

95th percentile per-packet one-way delay: 8.489 ms

Loss rate: 0.00%

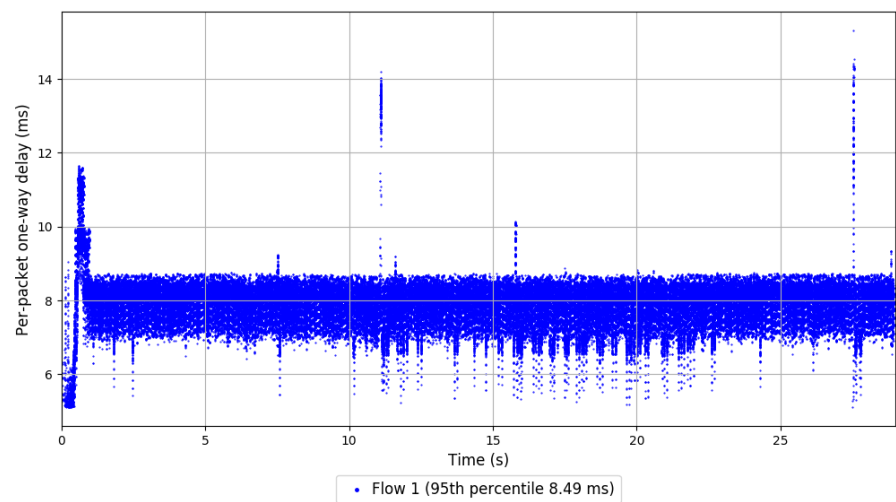
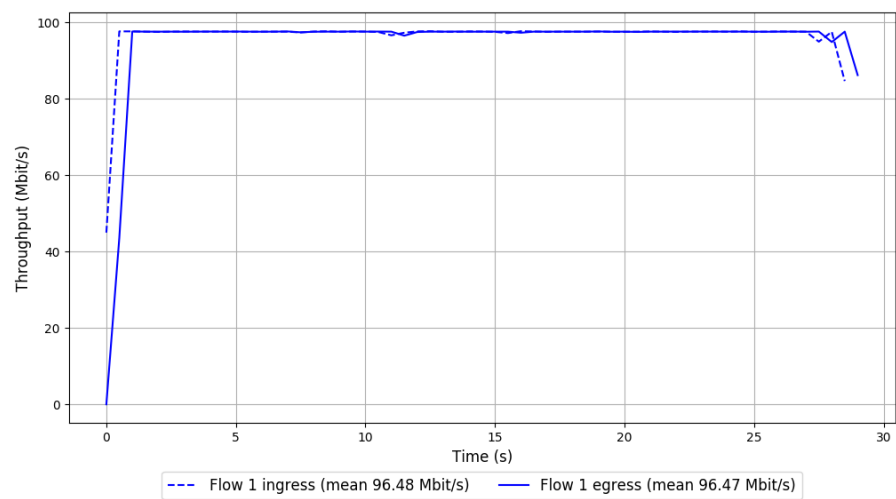
-- Flow 1:

Average throughput: 96.47 Mbit/s

95th percentile per-packet one-way delay: 8.489 ms

Loss rate: 0.00%

Run 4: Report of Indigo-MusesT — Data Link



Run 5: Statistics of Indigo-MusesT

Start at: 2019-06-27 03:58:58

End at: 2019-06-27 03:59:28

Local clock offset: 1.435 ms

Remote clock offset: -4.711 ms

Below is generated by plot.py at 2019-06-27 04:31:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.43 Mbit/s

95th percentile per-packet one-way delay: 9.582 ms

Loss rate: 0.00%

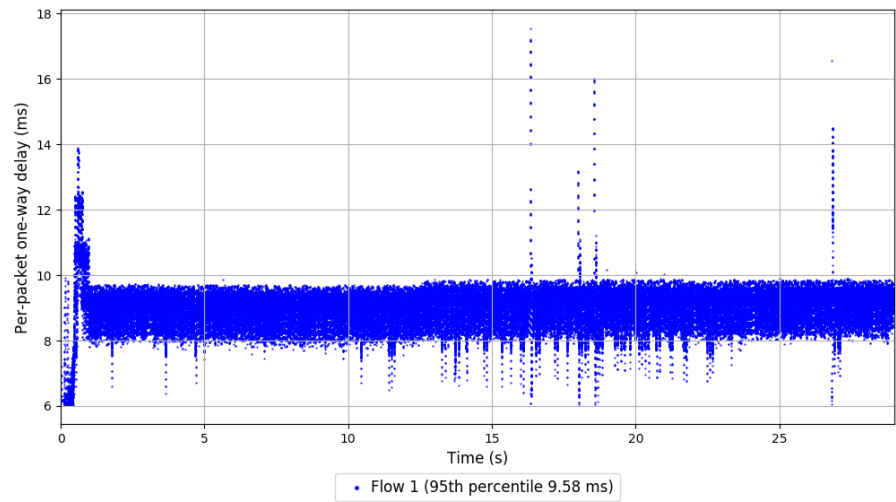
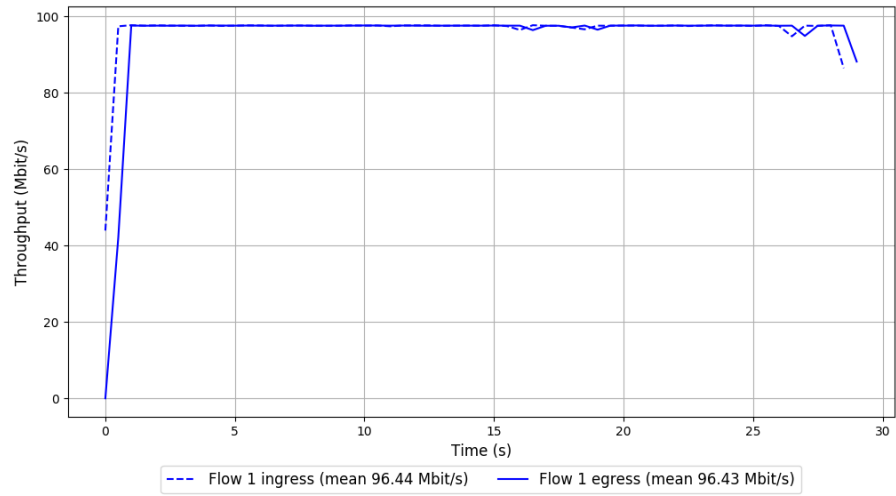
-- Flow 1:

Average throughput: 96.43 Mbit/s

95th percentile per-packet one-way delay: 9.582 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesT — Data Link

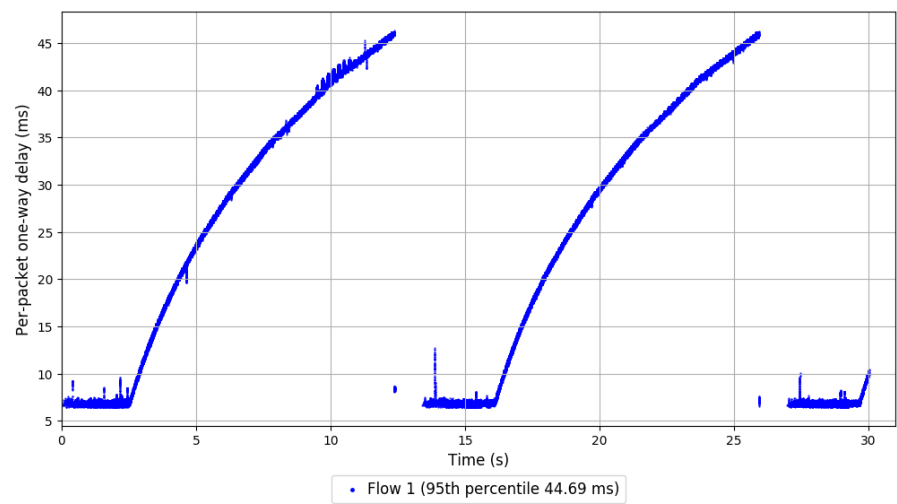
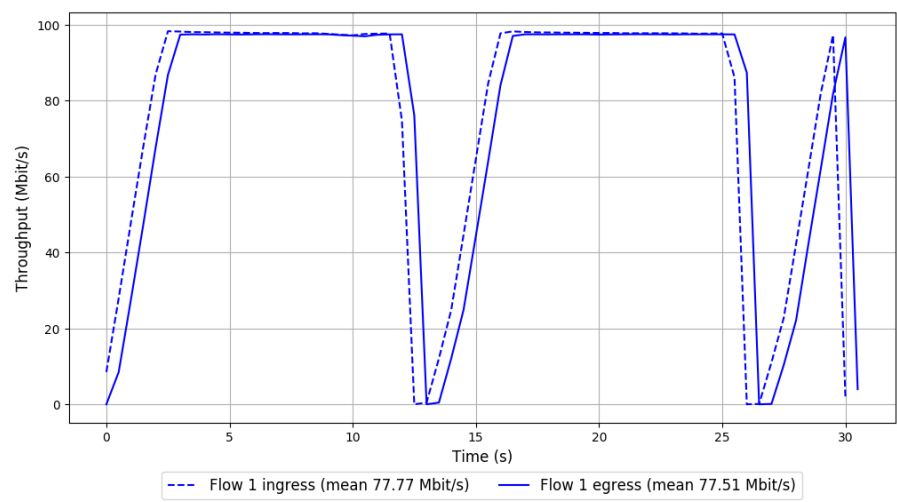


Run 1: Statistics of LEDBAT

Start at: 2019-06-27 02:35:55
End at: 2019-06-27 02:36:25
Local clock offset: 2.301 ms
Remote clock offset: -5.744 ms

Below is generated by plot.py at 2019-06-27 04:31:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.51 Mbit/s
95th percentile per-packet one-way delay: 44.687 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 77.51 Mbit/s
95th percentile per-packet one-way delay: 44.687 ms
Loss rate: 0.32%

Run 1: Report of LEDBAT — Data Link

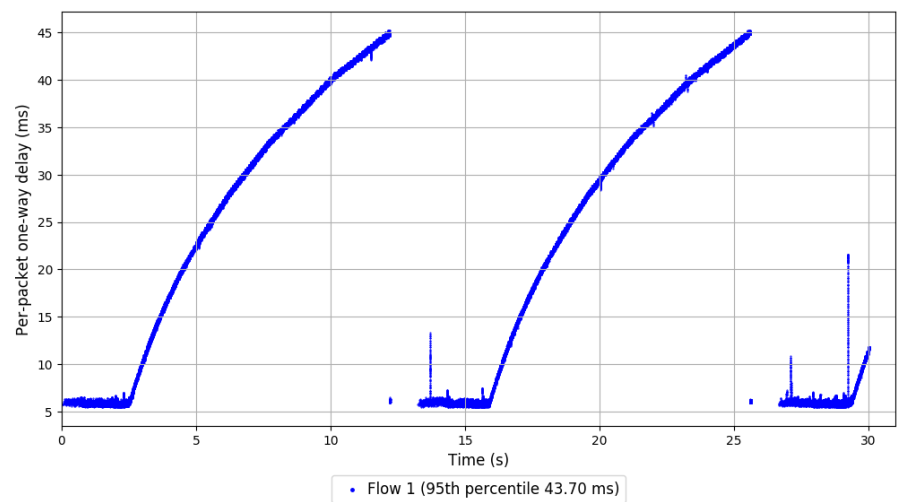
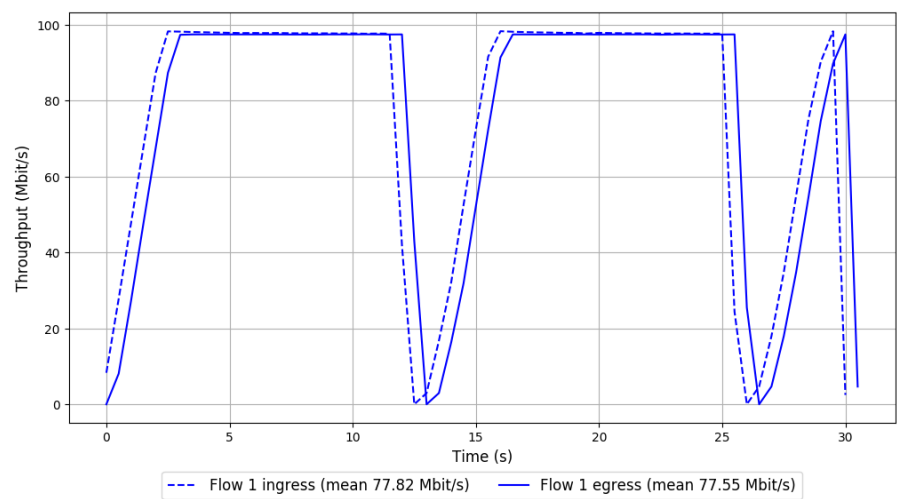


Run 2: Statistics of LEDBAT

Start at: 2019-06-27 03:00:58
End at: 2019-06-27 03:01:28
Local clock offset: 1.735 ms
Remote clock offset: -6.068 ms

Below is generated by plot.py at 2019-06-27 04:31:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.55 Mbit/s
95th percentile per-packet one-way delay: 43.696 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 77.55 Mbit/s
95th percentile per-packet one-way delay: 43.696 ms
Loss rate: 0.33%

Run 2: Report of LEDBAT — Data Link

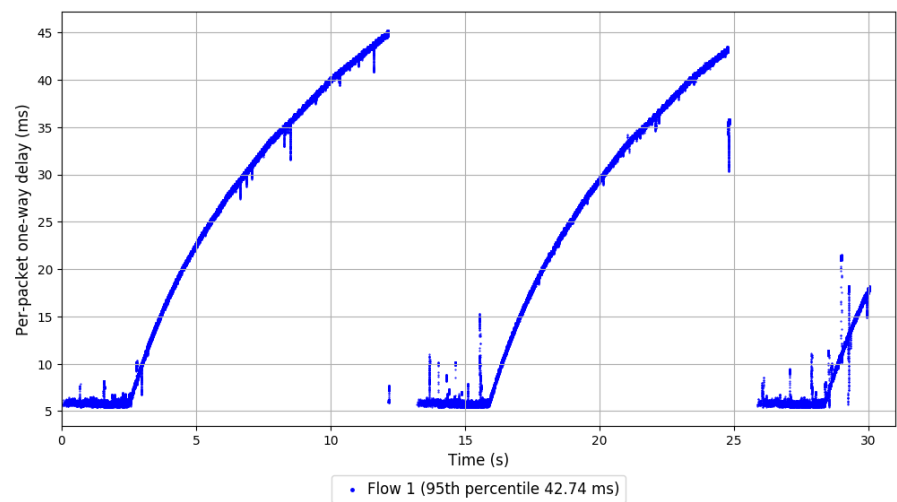
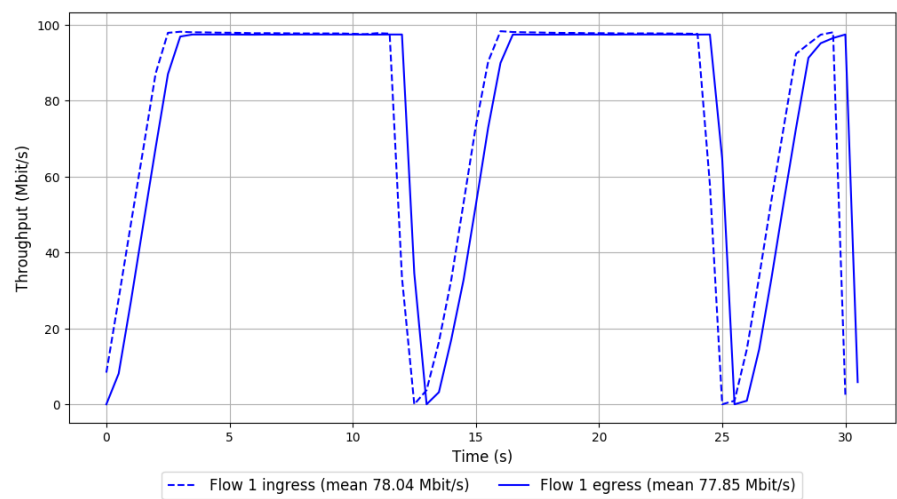


Run 3: Statistics of LEDBAT

Start at: 2019-06-27 03:26:34
End at: 2019-06-27 03:27:04
Local clock offset: 1.976 ms
Remote clock offset: -5.255 ms

Below is generated by plot.py at 2019-06-27 04:31:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.85 Mbit/s
95th percentile per-packet one-way delay: 42.738 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 77.85 Mbit/s
95th percentile per-packet one-way delay: 42.738 ms
Loss rate: 0.19%

Run 3: Report of LEDBAT — Data Link

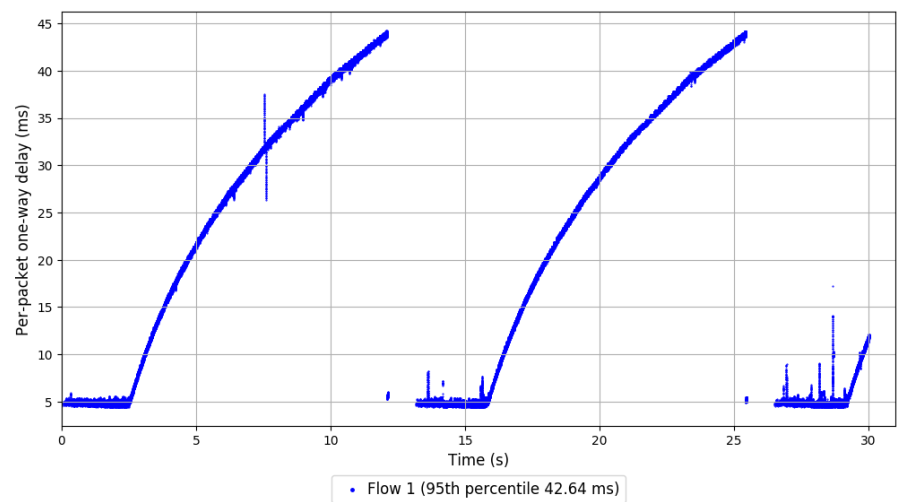
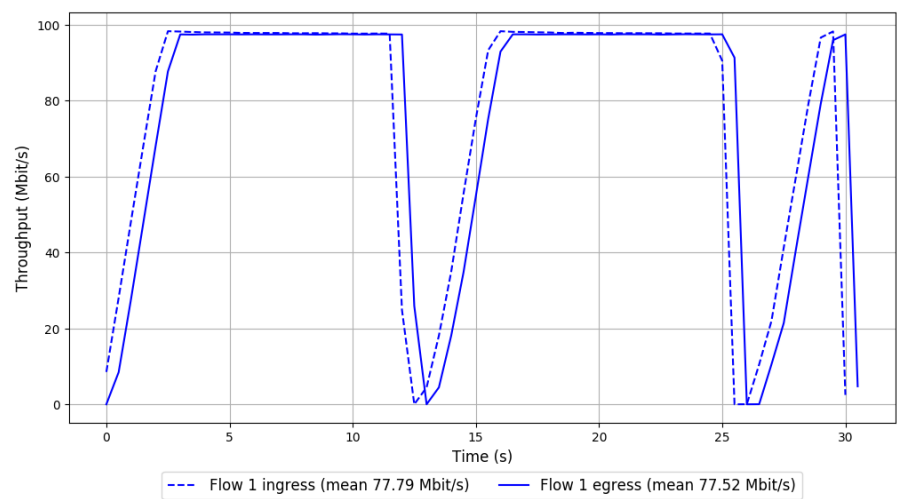


Run 4: Statistics of LEDBAT

Start at: 2019-06-27 03:52:02
End at: 2019-06-27 03:52:32
Local clock offset: 2.049 ms
Remote clock offset: -5.855 ms

Below is generated by plot.py at 2019-06-27 04:31:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.52 Mbit/s
95th percentile per-packet one-way delay: 42.636 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 77.52 Mbit/s
95th percentile per-packet one-way delay: 42.636 ms
Loss rate: 0.32%

Run 4: Report of LEDBAT — Data Link

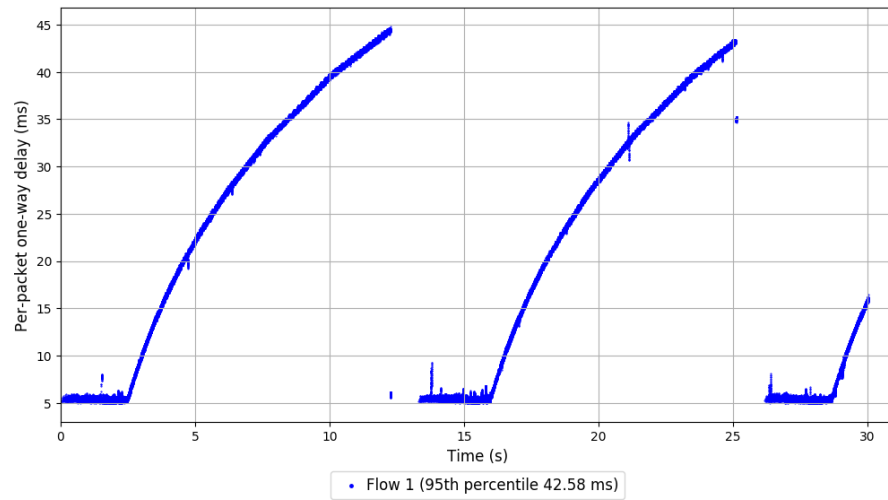
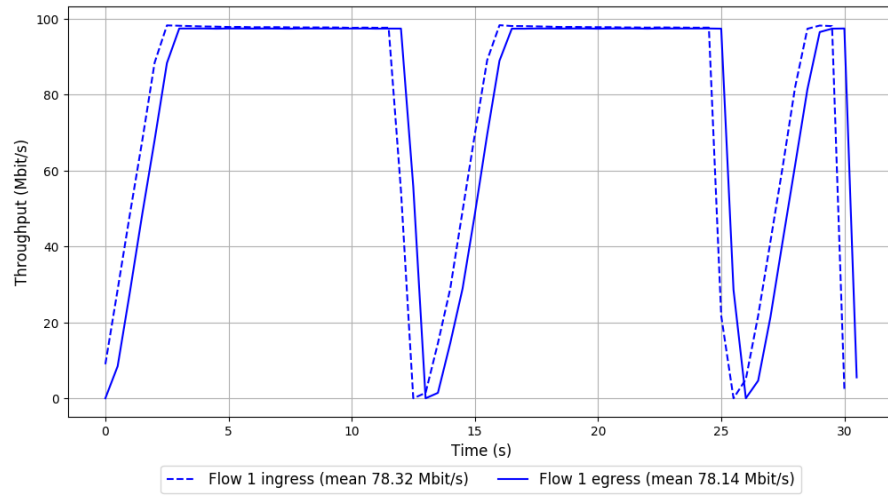


Run 5: Statistics of LEDBAT

Start at: 2019-06-27 04:17:11
End at: 2019-06-27 04:17:41
Local clock offset: 2.074 ms
Remote clock offset: -5.201 ms

Below is generated by plot.py at 2019-06-27 04:31:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.14 Mbit/s
95th percentile per-packet one-way delay: 42.580 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 78.14 Mbit/s
95th percentile per-packet one-way delay: 42.580 ms
Loss rate: 0.20%

Run 5: Report of LEDBAT — Data Link



Run 1: Statistics of Muses_DecisionTree

Start at: 2019-06-27 02:21:12

End at: 2019-06-27 02:21:42

Local clock offset: 3.002 ms

Remote clock offset: -8.162 ms

Run 1: Report of Muses_DecisionTree — Data Link

Figure is missing

Figure is missing

Run 2: Statistics of Muses_DecisionTree

Start at: 2019-06-27 02:46:13

End at: 2019-06-27 02:46:43

Local clock offset: 3.14 ms

Remote clock offset: -5.615 ms

Run 2: Report of Muses_DecisionTree — Data Link

Figure is missing

Figure is missing

Run 3: Statistics of Muses_DecisionTree

Start at: 2019-06-27 03:11:33

End at: 2019-06-27 03:12:03

Local clock offset: 1.997 ms

Remote clock offset: -6.973 ms

Run 3: Report of Muses_DecisionTree — Data Link

Figure is missing

Figure is missing

Run 4: Statistics of Muses_DecisionTree

Start at: 2019-06-27 03:37:00

End at: 2019-06-27 03:37:30

Local clock offset: 1.652 ms

Remote clock offset: -4.648 ms

Run 4: Report of Muses_DecisionTree — Data Link

Figure is missing

Figure is missing

Run 5: Statistics of Muses_DecisionTree

Start at: 2019-06-27 04:02:26

End at: 2019-06-27 04:02:56

Local clock offset: 1.841 ms

Remote clock offset: -5.524 ms

Run 5: Report of Muses_DecisionTree — Data Link

Figure is missing

Figure is missing

Run 1: Statistics of PCC-Allegro

Start at: 2019-06-27 02:20:04

End at: 2019-06-27 02:20:34

Local clock offset: 2.683 ms

Remote clock offset: -7.081 ms

Below is generated by plot.py at 2019-06-27 04:32:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.40 Mbit/s

95th percentile per-packet one-way delay: 7.584 ms

Loss rate: 0.28%

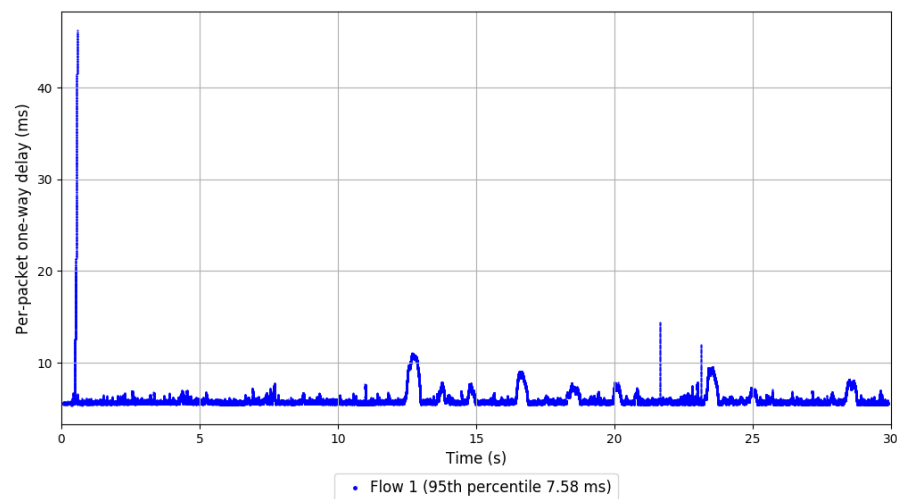
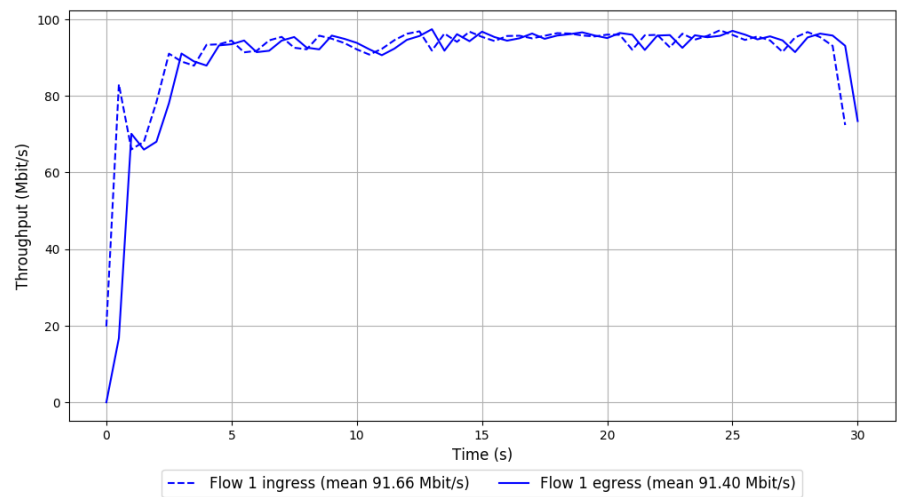
-- Flow 1:

Average throughput: 91.40 Mbit/s

95th percentile per-packet one-way delay: 7.584 ms

Loss rate: 0.28%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2019-06-27 02:45:05

End at: 2019-06-27 02:45:35

Local clock offset: 2.547 ms

Remote clock offset: -6.328 ms

Below is generated by plot.py at 2019-06-27 04:32:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.36 Mbit/s

95th percentile per-packet one-way delay: 9.738 ms

Loss rate: 0.26%

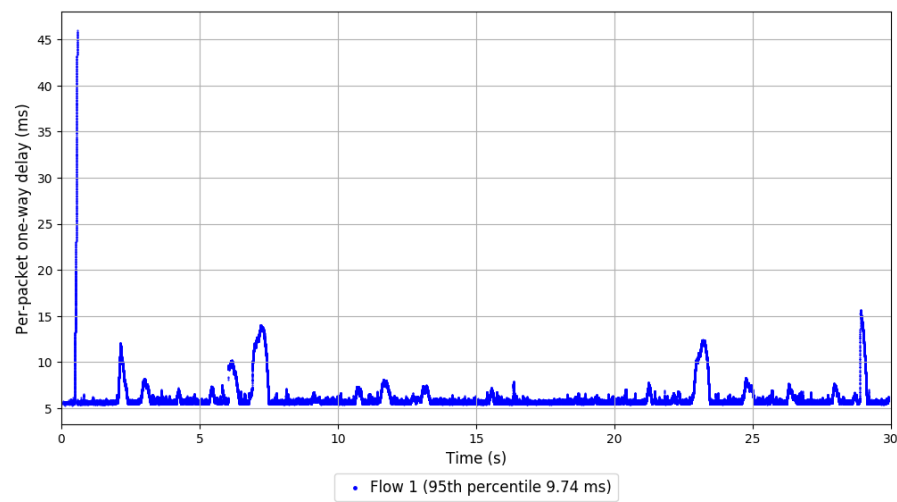
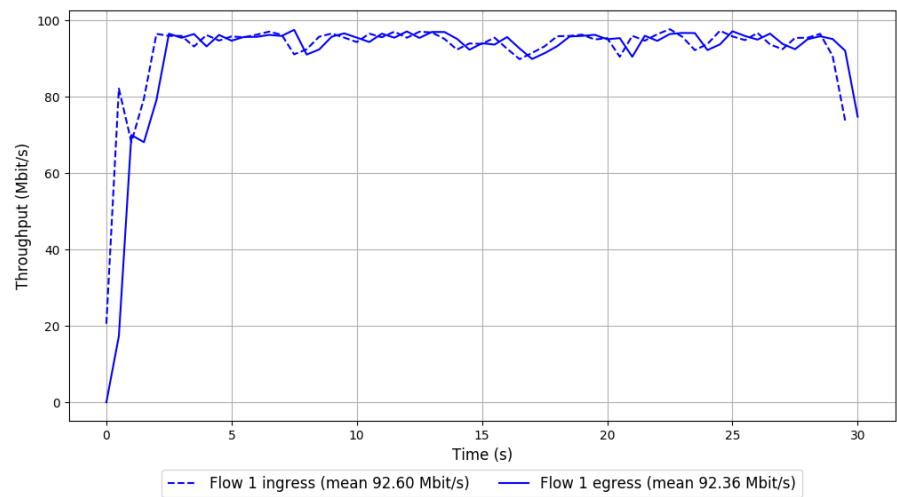
-- Flow 1:

Average throughput: 92.36 Mbit/s

95th percentile per-packet one-way delay: 9.738 ms

Loss rate: 0.26%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2019-06-27 03:10:23

End at: 2019-06-27 03:10:53

Local clock offset: 1.773 ms

Remote clock offset: -4.767 ms

Below is generated by plot.py at 2019-06-27 04:32:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.20 Mbit/s

95th percentile per-packet one-way delay: 9.522 ms

Loss rate: 0.28%

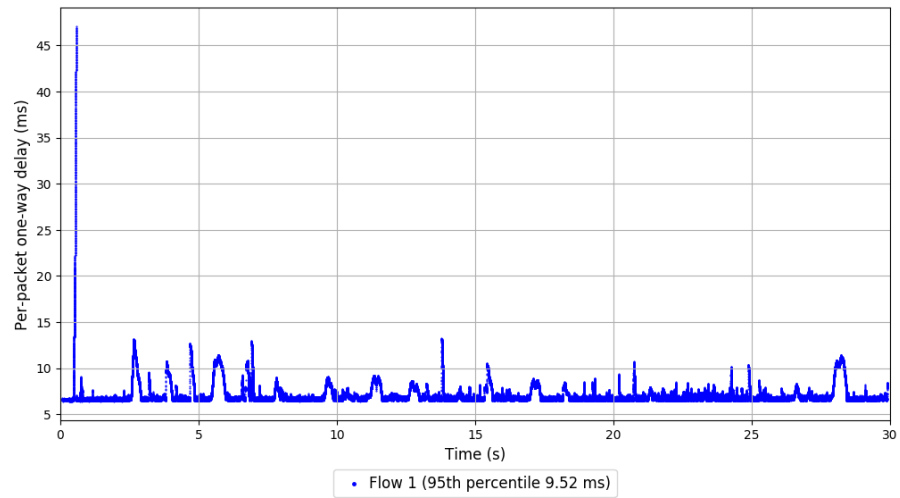
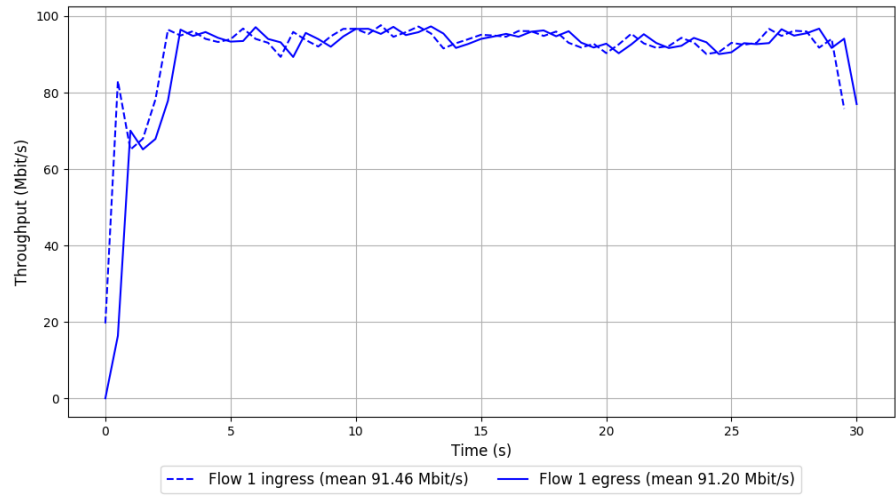
-- Flow 1:

Average throughput: 91.20 Mbit/s

95th percentile per-packet one-way delay: 9.522 ms

Loss rate: 0.28%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2019-06-27 03:35:51

End at: 2019-06-27 03:36:21

Local clock offset: 1.282 ms

Remote clock offset: -4.372 ms

Below is generated by plot.py at 2019-06-27 04:32:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.21 Mbit/s

95th percentile per-packet one-way delay: 9.431 ms

Loss rate: 0.30%

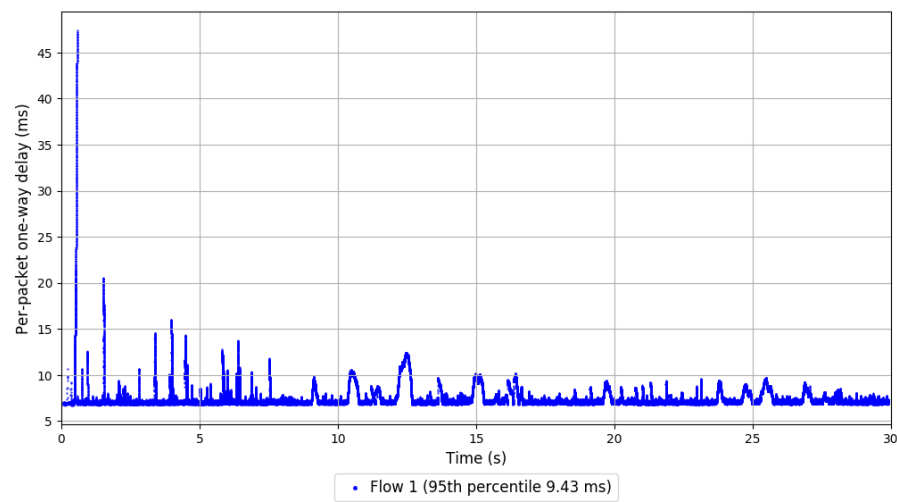
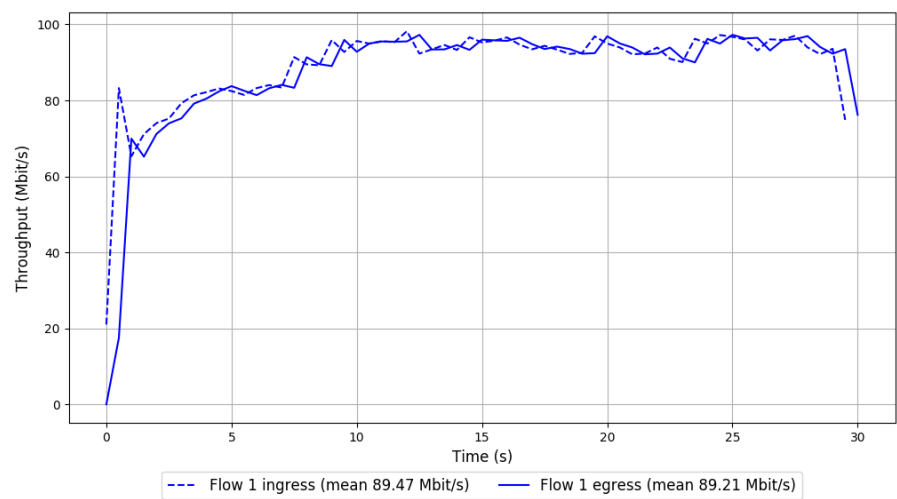
-- Flow 1:

Average throughput: 89.21 Mbit/s

95th percentile per-packet one-way delay: 9.431 ms

Loss rate: 0.30%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2019-06-27 04:01:18

End at: 2019-06-27 04:01:48

Local clock offset: 1.46 ms

Remote clock offset: -4.847 ms

Below is generated by plot.py at 2019-06-27 04:32:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.85 Mbit/s

95th percentile per-packet one-way delay: 8.274 ms

Loss rate: 0.25%

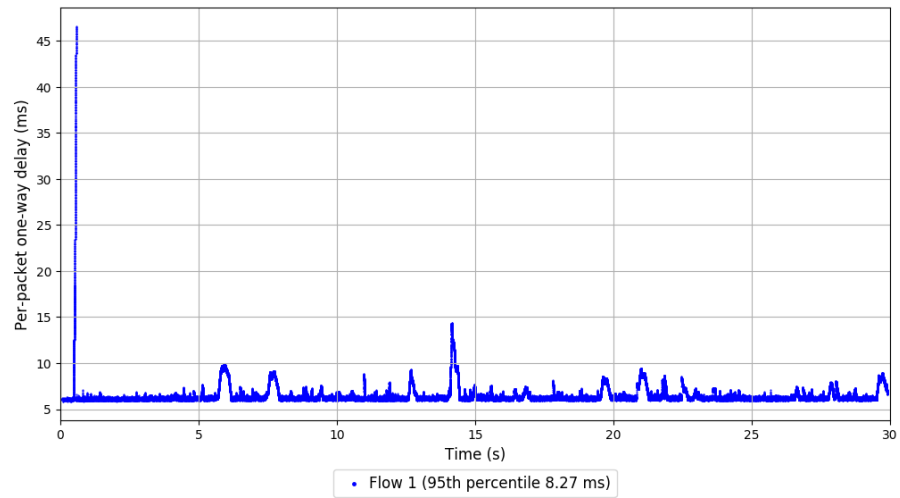
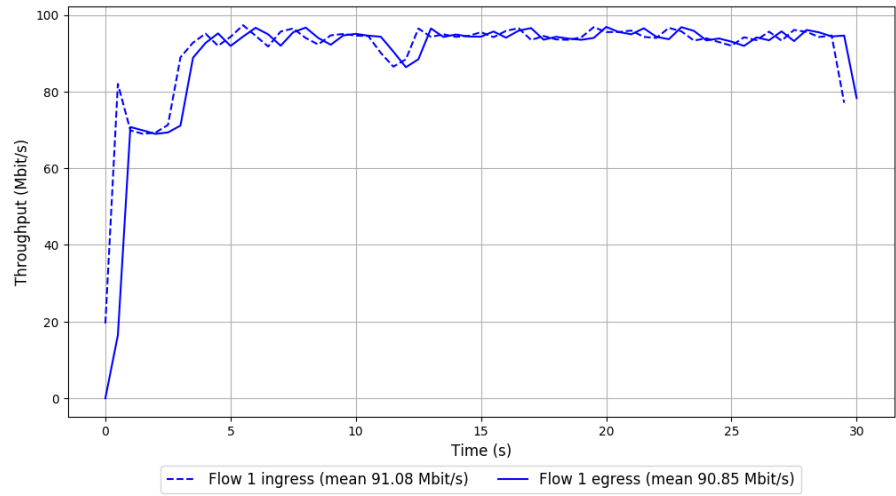
-- Flow 1:

Average throughput: 90.85 Mbit/s

95th percentile per-packet one-way delay: 8.274 ms

Loss rate: 0.25%

Run 5: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

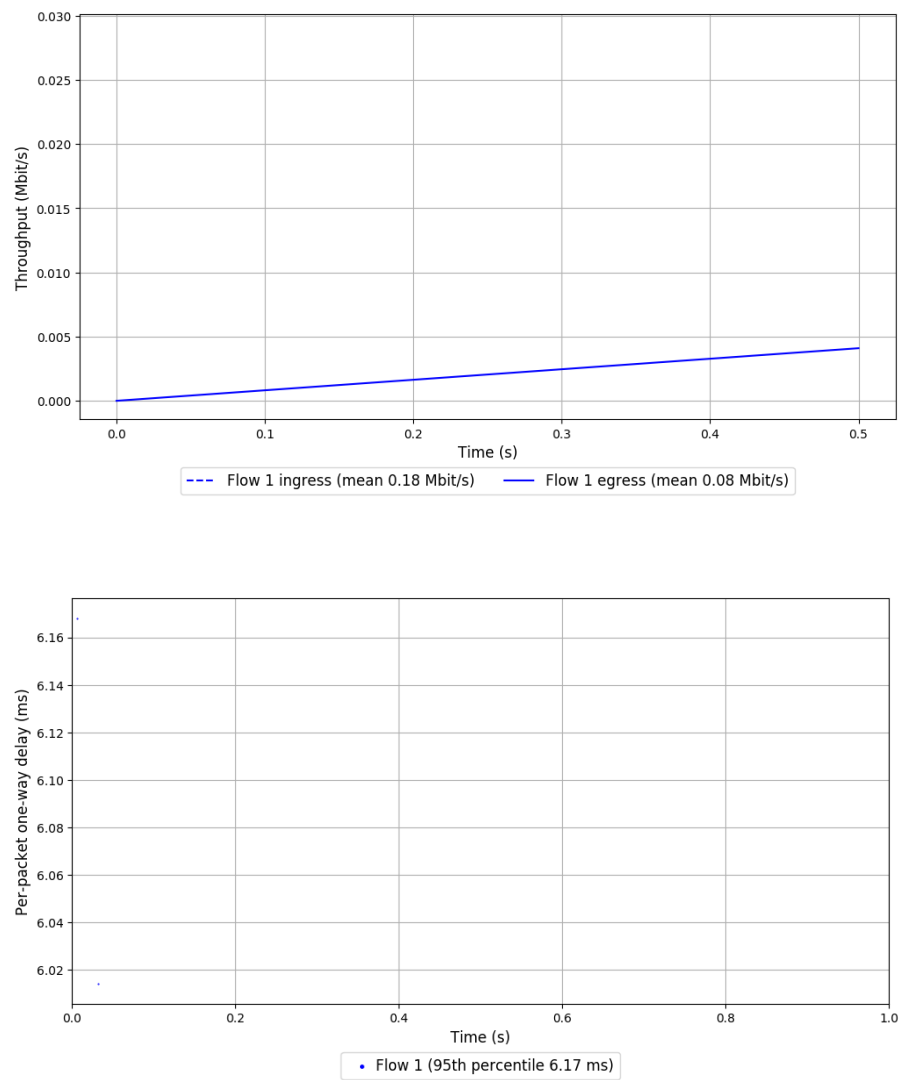
Start at: 2019-06-27 02:34:50

End at: 2019-06-27 02:35:20

Local clock offset: 3.037 ms

Remote clock offset: -5.325 ms

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

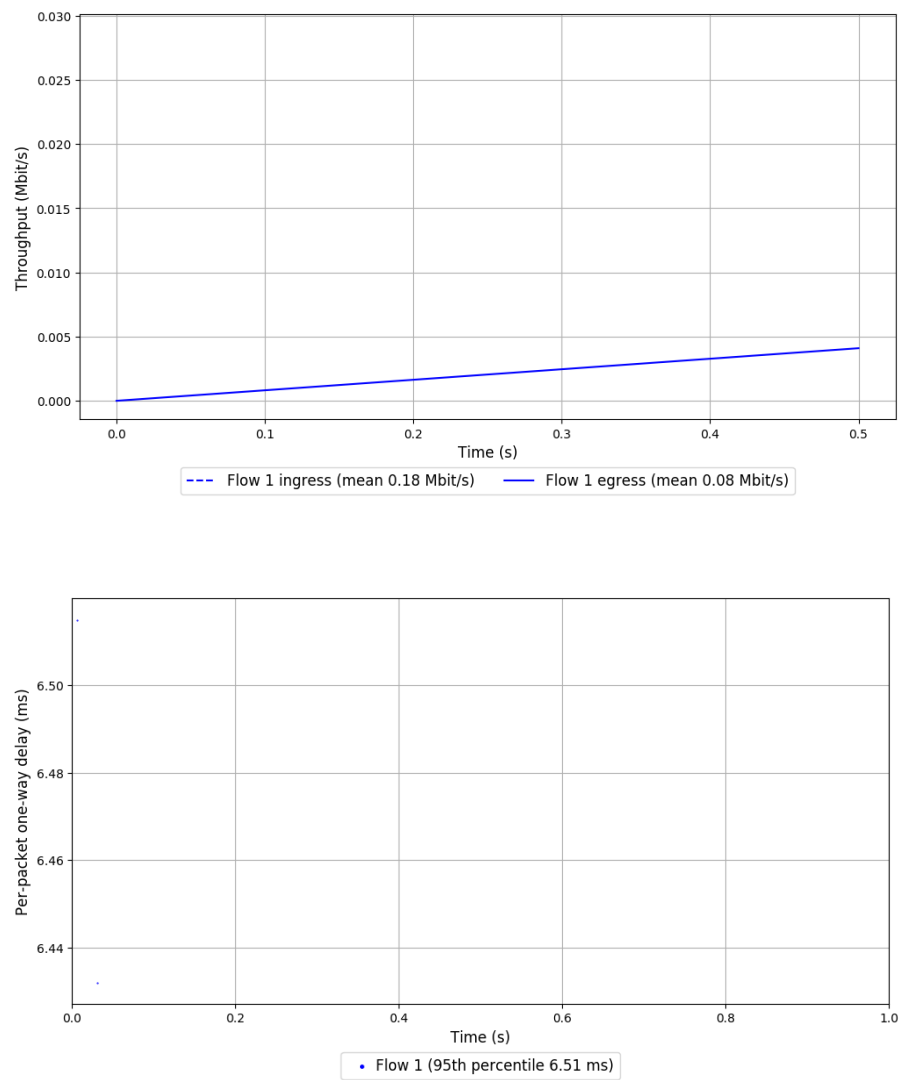
Start at: 2019-06-27 02:59:53

End at: 2019-06-27 03:00:23

Local clock offset: 1.581 ms

Remote clock offset: -5.365 ms

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

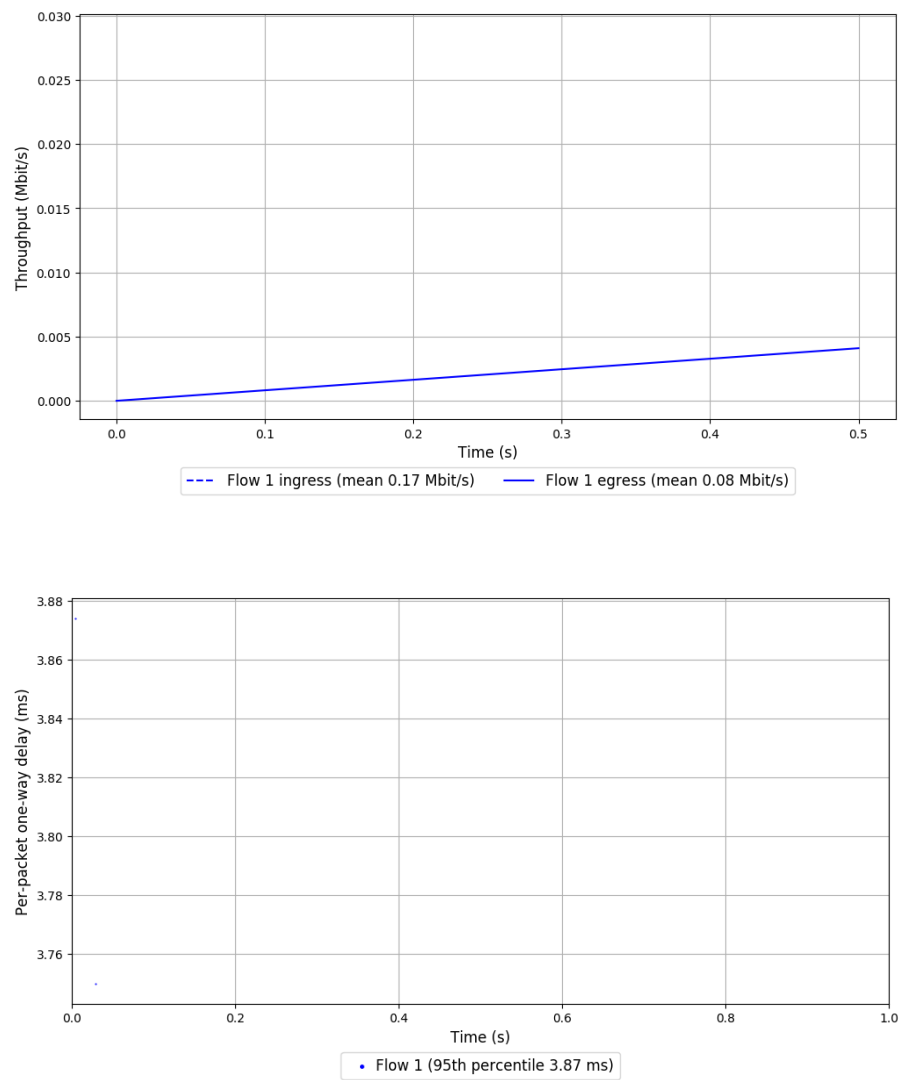
Start at: 2019-06-27 03:25:29

End at: 2019-06-27 03:25:59

Local clock offset: 2.324 ms

Remote clock offset: -6.683 ms

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

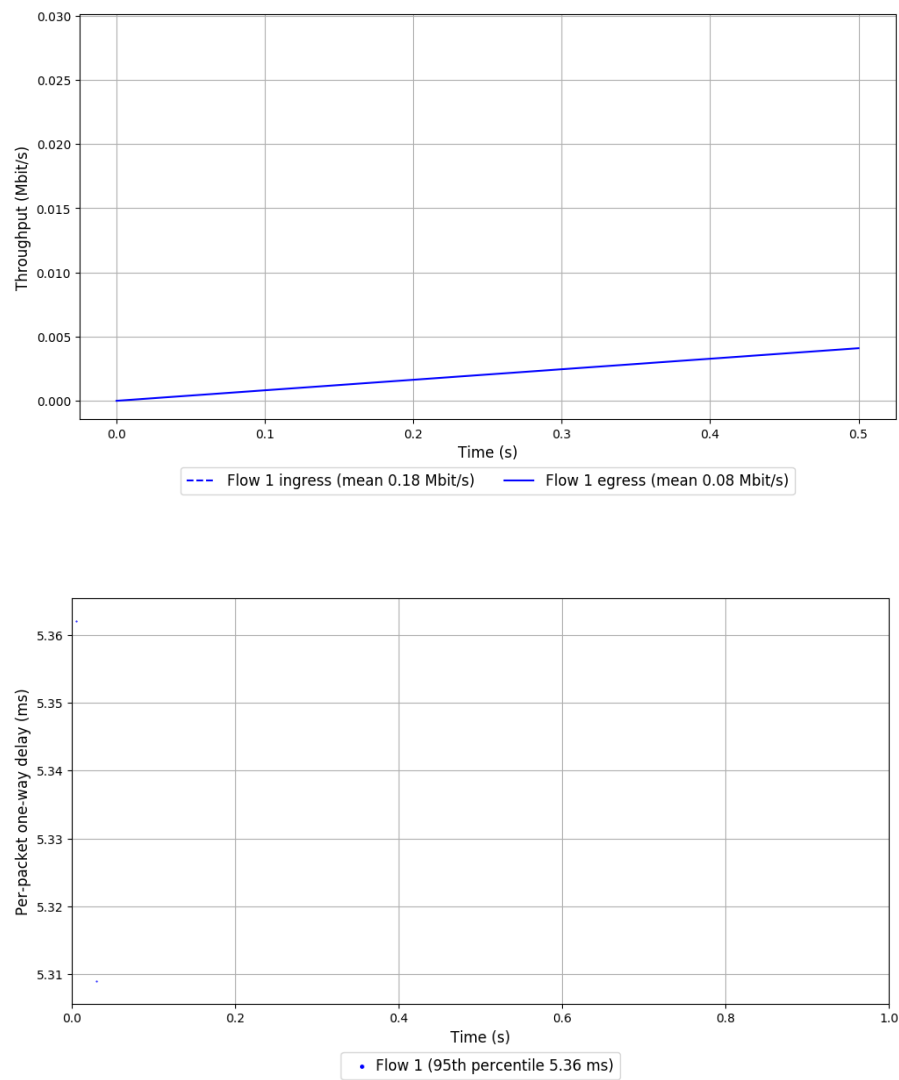
Start at: 2019-06-27 03:50:57

End at: 2019-06-27 03:51:27

Local clock offset: 1.989 ms

Remote clock offset: -5.059 ms

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

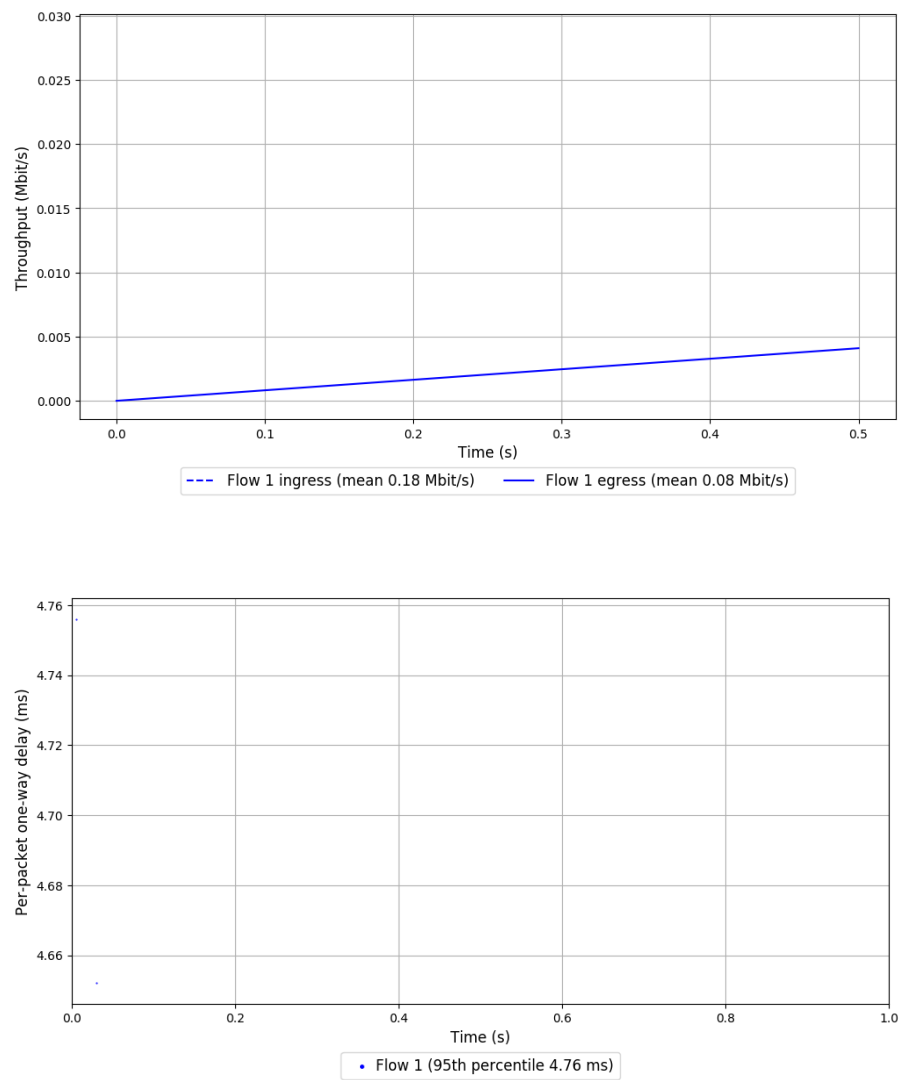
Start at: 2019-06-27 04:16:06

End at: 2019-06-27 04:16:36

Local clock offset: 2.036 ms

Remote clock offset: -5.58 ms

Run 5: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2019-06-27 02:38:13

End at: 2019-06-27 02:38:43

Local clock offset: 2.598 ms

Remote clock offset: -5.192 ms

Below is generated by plot.py at 2019-06-27 04:32:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.79 Mbit/s

95th percentile per-packet one-way delay: 43.599 ms

Loss rate: 0.30%

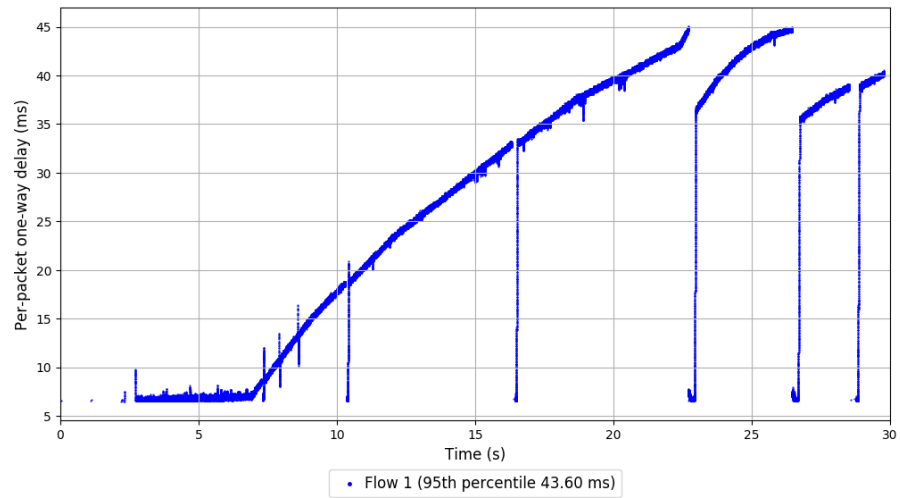
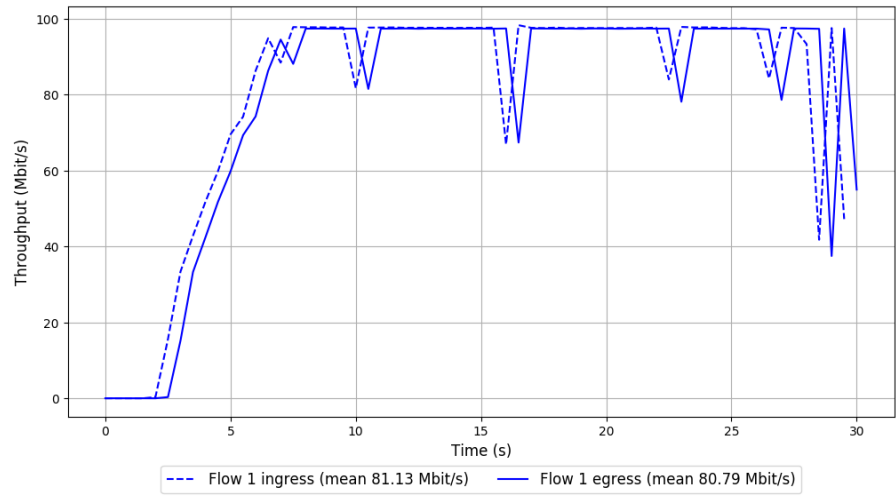
-- Flow 1:

Average throughput: 80.79 Mbit/s

95th percentile per-packet one-way delay: 43.599 ms

Loss rate: 0.30%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2019-06-27 03:03:21

End at: 2019-06-27 03:03:51

Local clock offset: 1.596 ms

Remote clock offset: -6.815 ms

Below is generated by plot.py at 2019-06-27 04:32:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.10 Mbit/s

95th percentile per-packet one-way delay: 42.335 ms

Loss rate: 0.68%

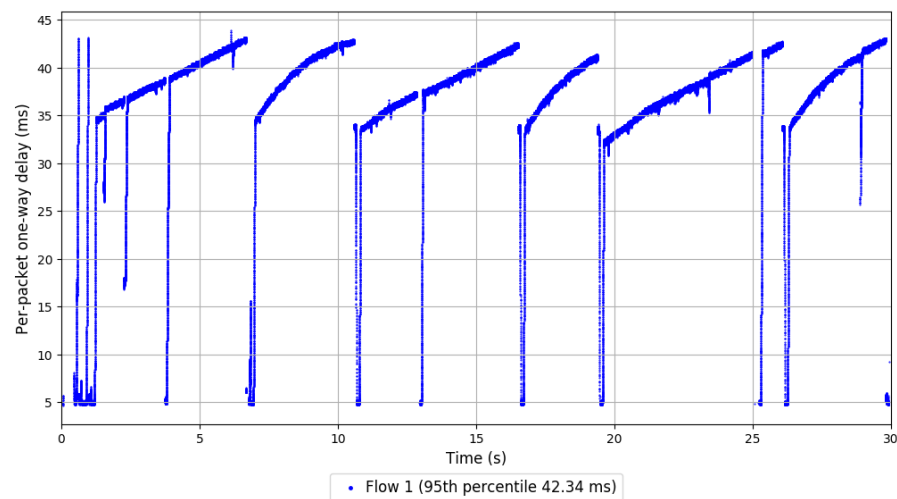
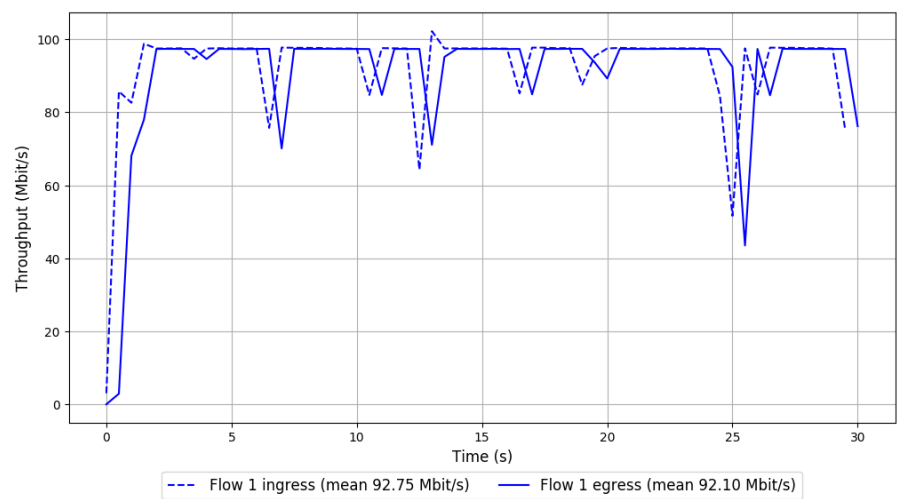
-- Flow 1:

Average throughput: 92.10 Mbit/s

95th percentile per-packet one-way delay: 42.335 ms

Loss rate: 0.68%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2019-06-27 03:28:55

End at: 2019-06-27 03:29:25

Local clock offset: 2.327 ms

Remote clock offset: -6.806 ms

Below is generated by plot.py at 2019-06-27 04:32:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.79 Mbit/s

95th percentile per-packet one-way delay: 41.002 ms

Loss rate: 0.79%

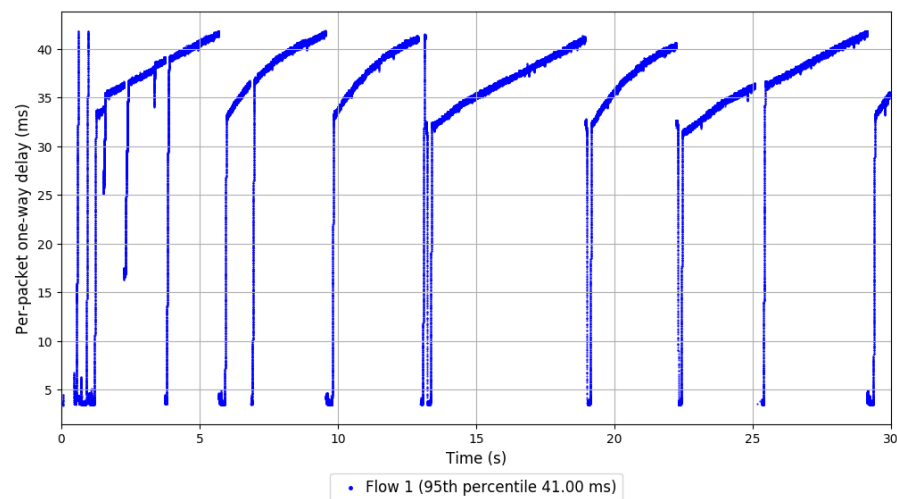
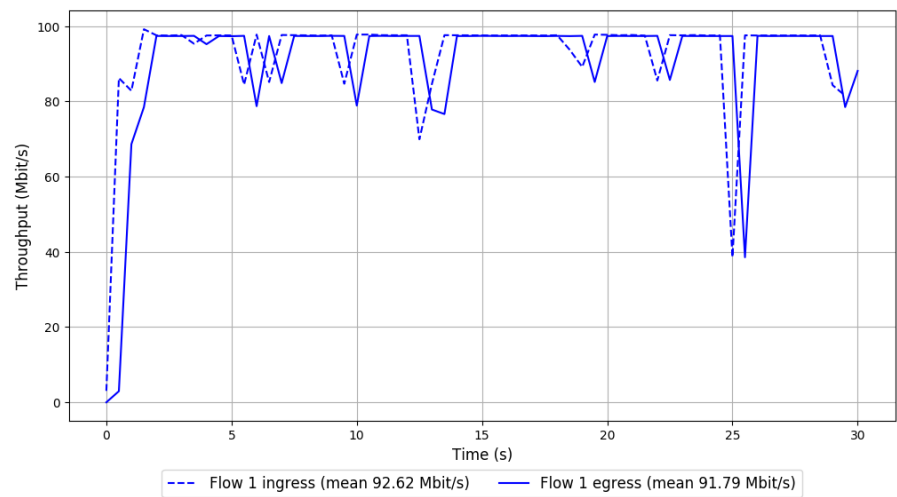
-- Flow 1:

Average throughput: 91.79 Mbit/s

95th percentile per-packet one-way delay: 41.002 ms

Loss rate: 0.79%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2019-06-27 03:54:23

End at: 2019-06-27 03:54:53

Local clock offset: 2.208 ms

Remote clock offset: -4.637 ms

Below is generated by plot.py at 2019-06-27 04:33:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.67 Mbit/s

95th percentile per-packet one-way delay: 43.077 ms

Loss rate: 0.80%

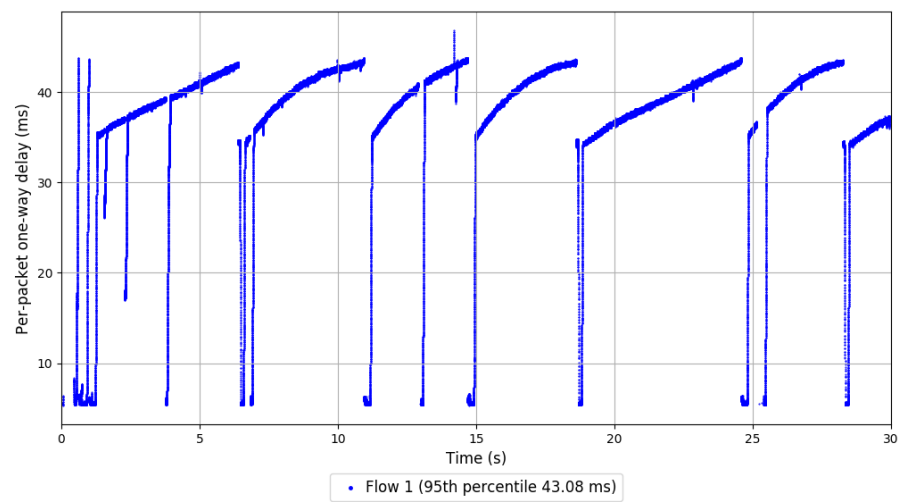
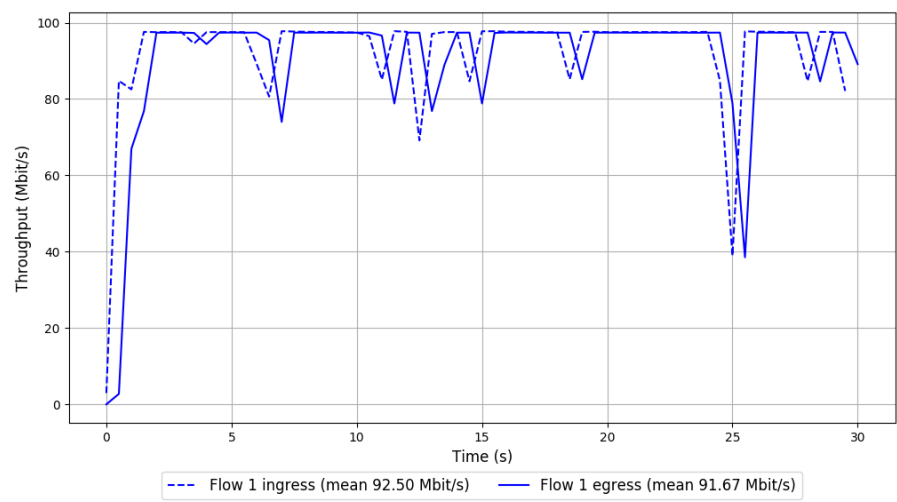
-- Flow 1:

Average throughput: 91.67 Mbit/s

95th percentile per-packet one-way delay: 43.077 ms

Loss rate: 0.80%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2019-06-27 04:19:32

End at: 2019-06-27 04:20:02

Local clock offset: 1.187 ms

Remote clock offset: -4.836 ms

Below is generated by plot.py at 2019-06-27 04:33:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.05 Mbit/s

95th percentile per-packet one-way delay: 43.643 ms

Loss rate: 0.65%

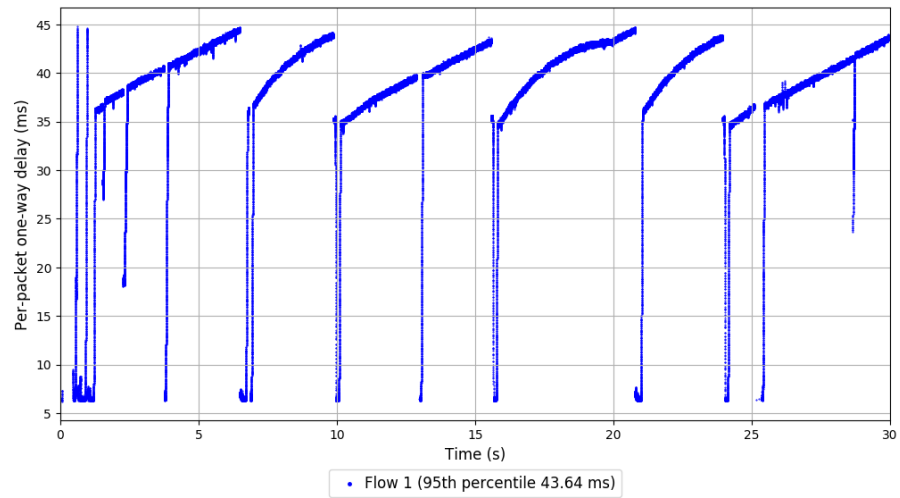
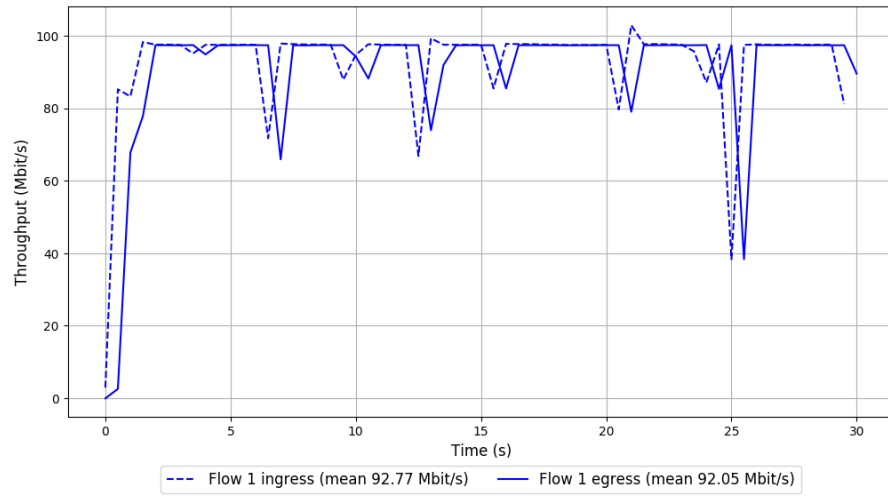
-- Flow 1:

Average throughput: 92.05 Mbit/s

95th percentile per-packet one-way delay: 43.643 ms

Loss rate: 0.65%

Run 5: Report of QUIC Cubic — Data Link

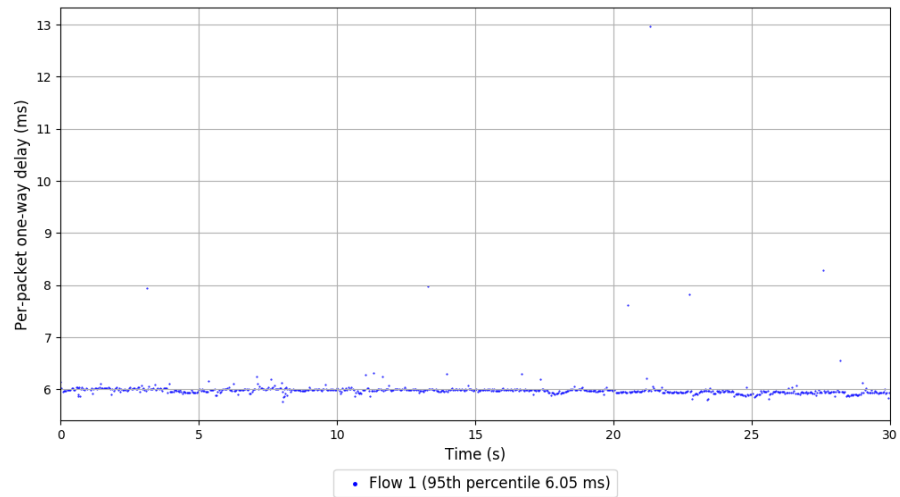
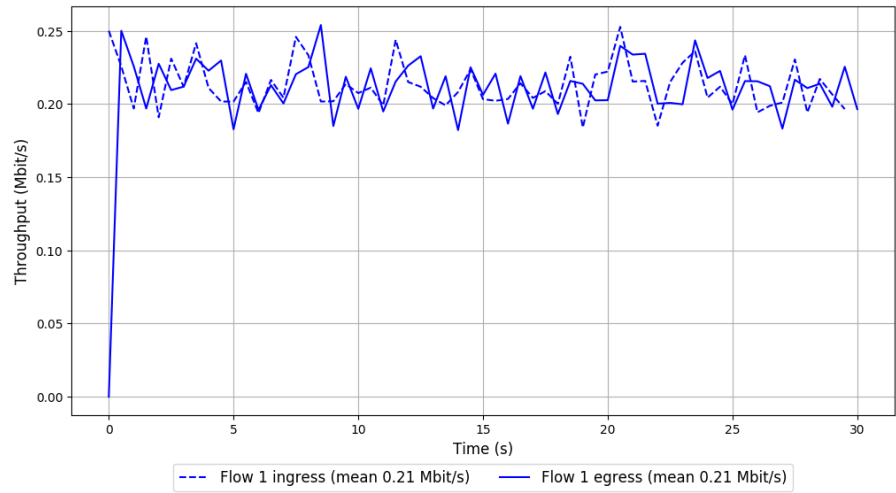


Run 1: Statistics of SCReAM

Start at: 2019-06-27 02:22:17
End at: 2019-06-27 02:22:47
Local clock offset: 2.29 ms
Remote clock offset: -6.874 ms

Below is generated by plot.py at 2019-06-27 04:33:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 6.047 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 6.047 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2019-06-27 02:47:18

End at: 2019-06-27 02:47:48

Local clock offset: 3.093 ms

Remote clock offset: -6.34 ms

Below is generated by plot.py at 2019-06-27 04:33:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 5.125 ms

Loss rate: 0.00%

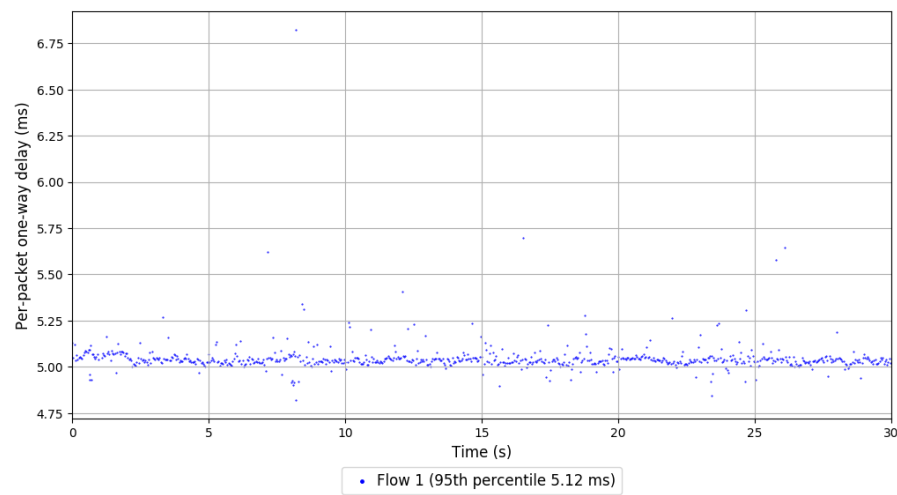
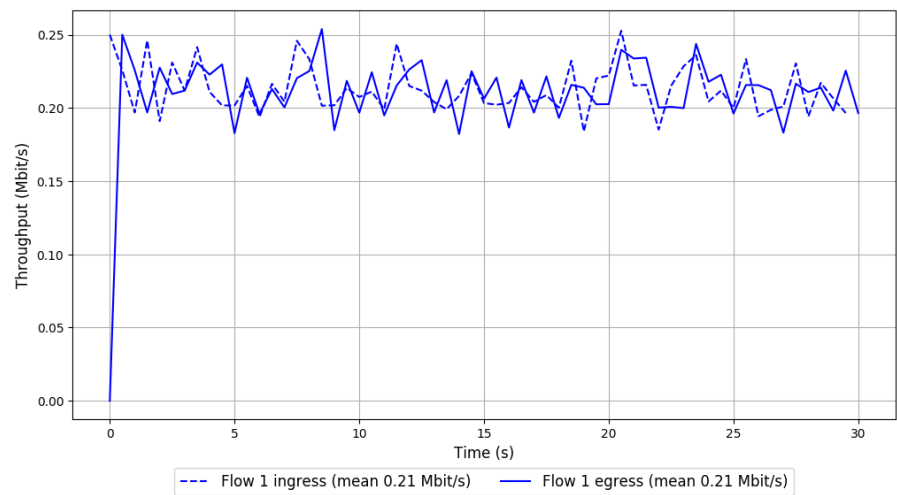
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 5.125 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

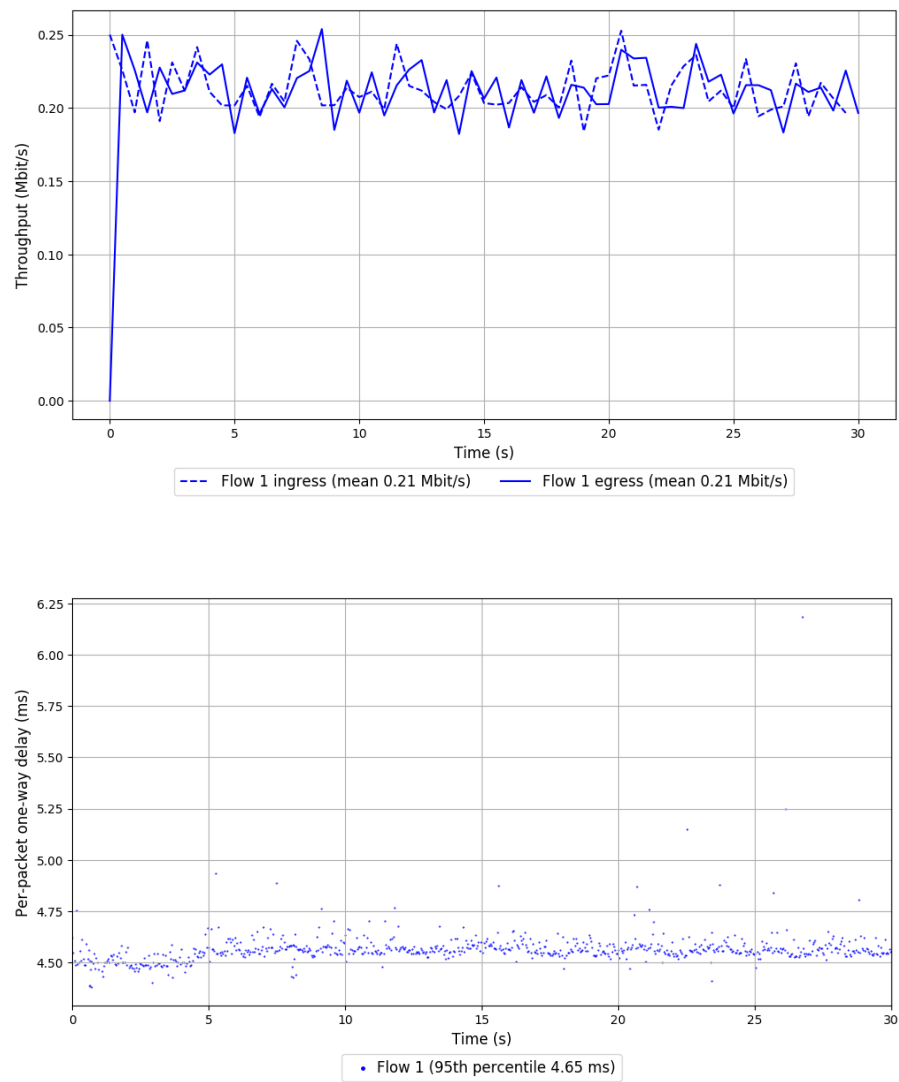


Run 3: Statistics of SCReAM

Start at: 2019-06-27 03:12:38
End at: 2019-06-27 03:13:08
Local clock offset: 2.109 ms
Remote clock offset: -6.495 ms

Below is generated by plot.py at 2019-06-27 04:33:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 4.646 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 4.646 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

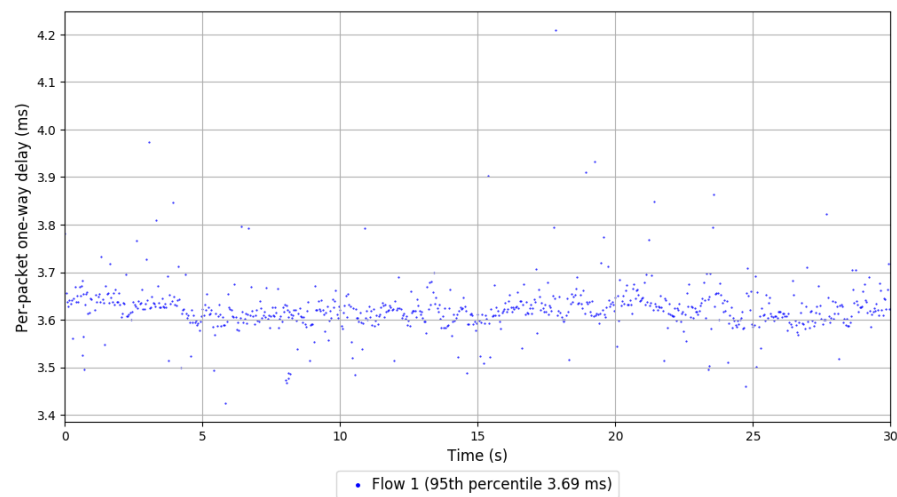
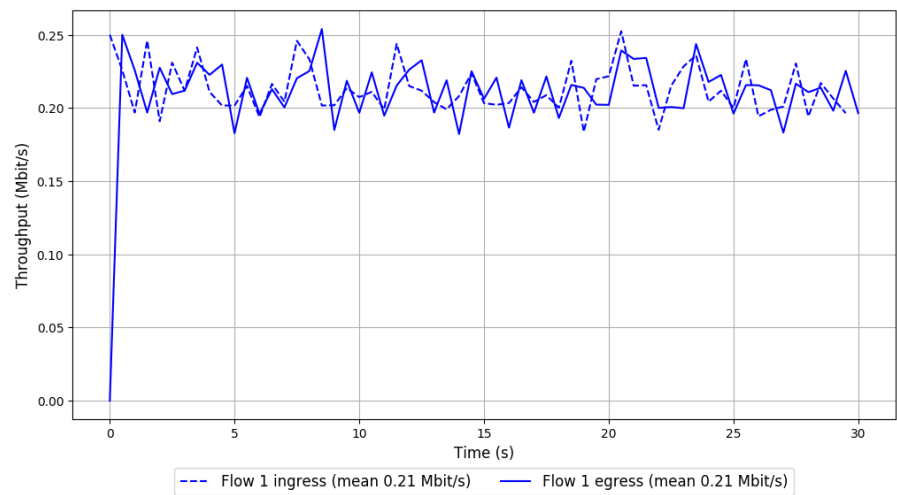


Run 4: Statistics of SCReAM

Start at: 2019-06-27 03:38:05
End at: 2019-06-27 03:38:35
Local clock offset: 2.645 ms
Remote clock offset: -6.334 ms

Below is generated by plot.py at 2019-06-27 04:33:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 3.692 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 3.692 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

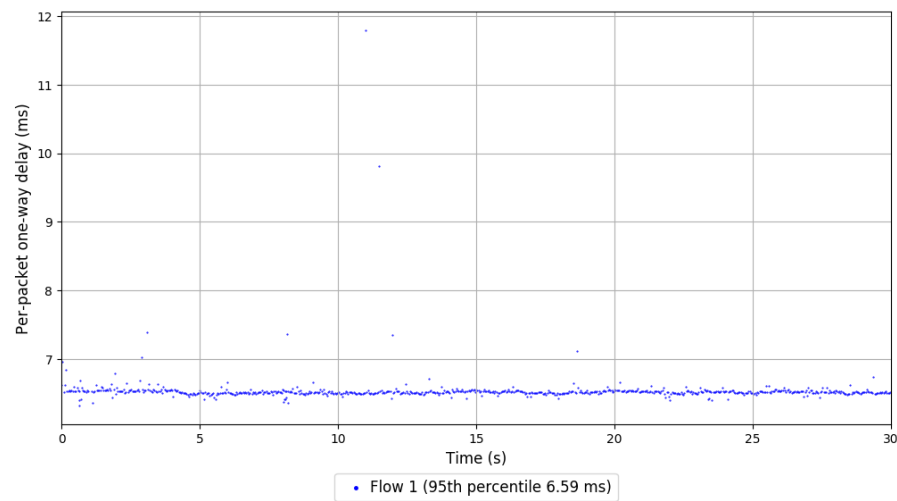
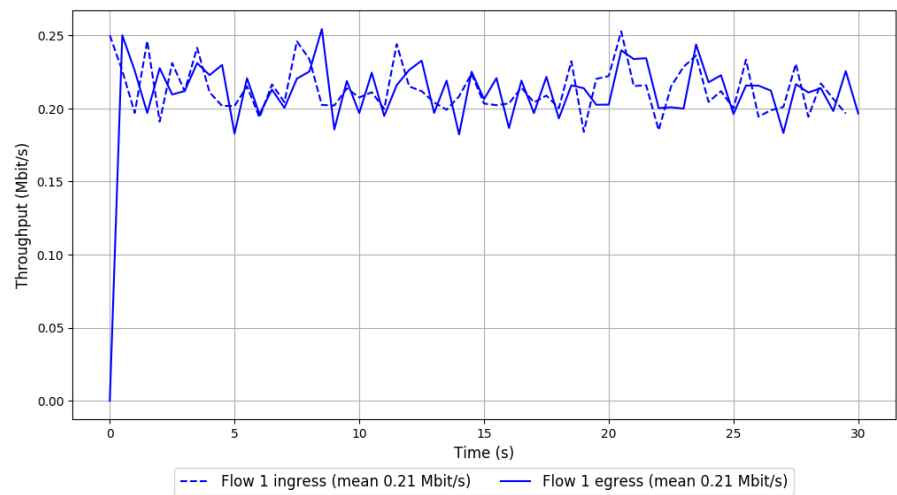


Run 5: Statistics of SCReAM

Start at: 2019-06-27 04:03:31
End at: 2019-06-27 04:04:01
Local clock offset: 1.049 ms
Remote clock offset: -4.901 ms

Below is generated by plot.py at 2019-06-27 04:33:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 6.593 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 6.593 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

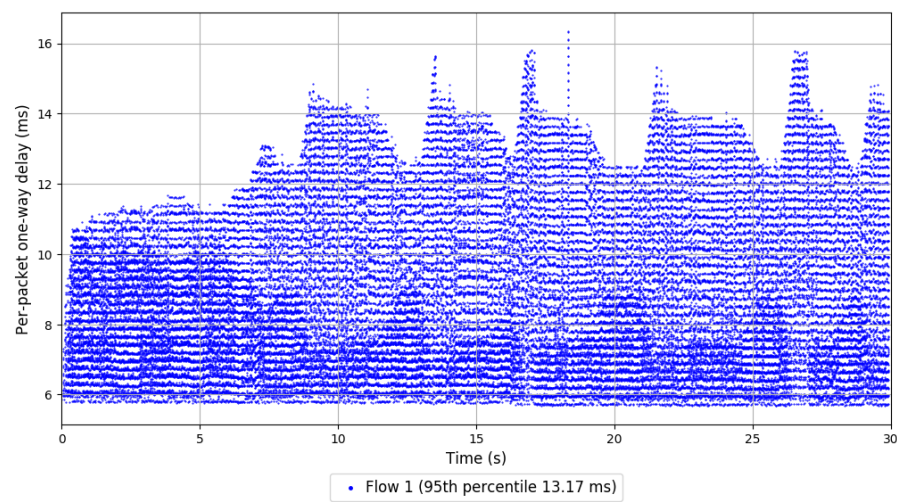
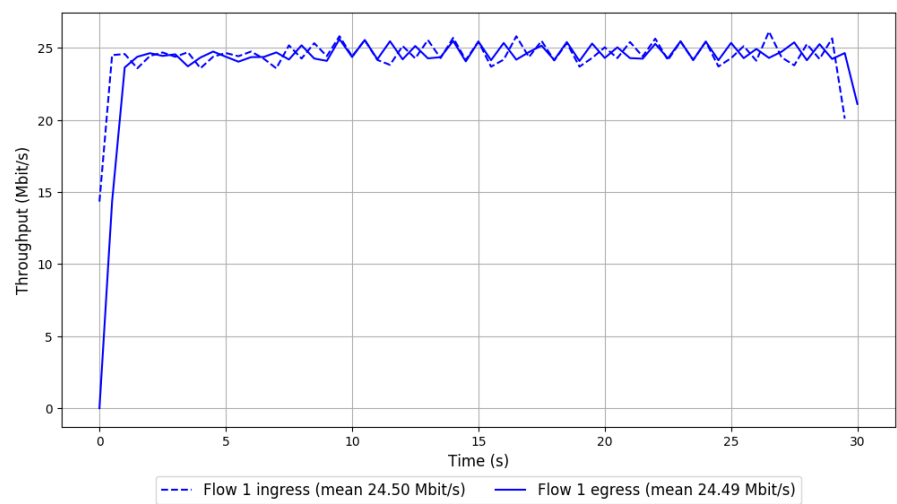


Run 1: Statistics of Sprout

Start at: 2019-06-27 02:31:20
End at: 2019-06-27 02:31:50
Local clock offset: 2.554 ms
Remote clock offset: -6.333 ms

Below is generated by plot.py at 2019-06-27 04:33:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.49 Mbit/s
95th percentile per-packet one-way delay: 13.174 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.49 Mbit/s
95th percentile per-packet one-way delay: 13.174 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2019-06-27 02:56:25

End at: 2019-06-27 02:56:55

Local clock offset: 1.631 ms

Remote clock offset: -5.65 ms

Below is generated by plot.py at 2019-06-27 04:33:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.61 Mbit/s

95th percentile per-packet one-way delay: 13.898 ms

Loss rate: 0.00%

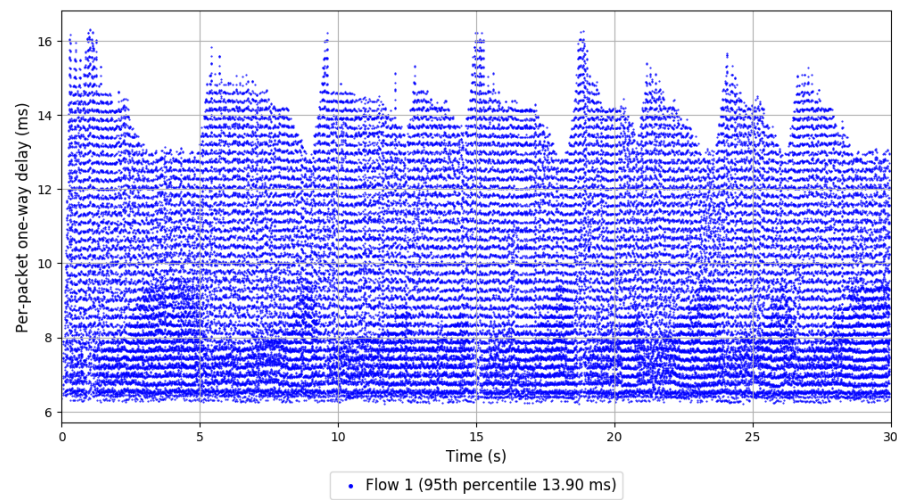
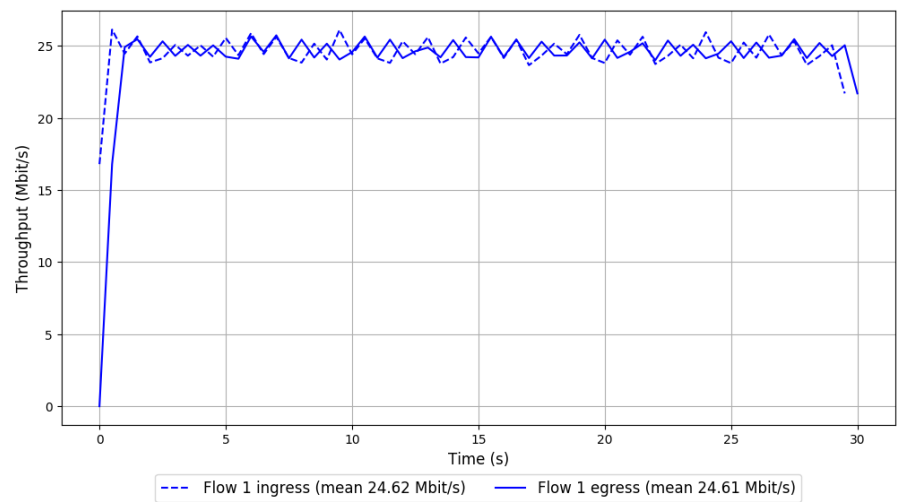
-- Flow 1:

Average throughput: 24.61 Mbit/s

95th percentile per-packet one-way delay: 13.898 ms

Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

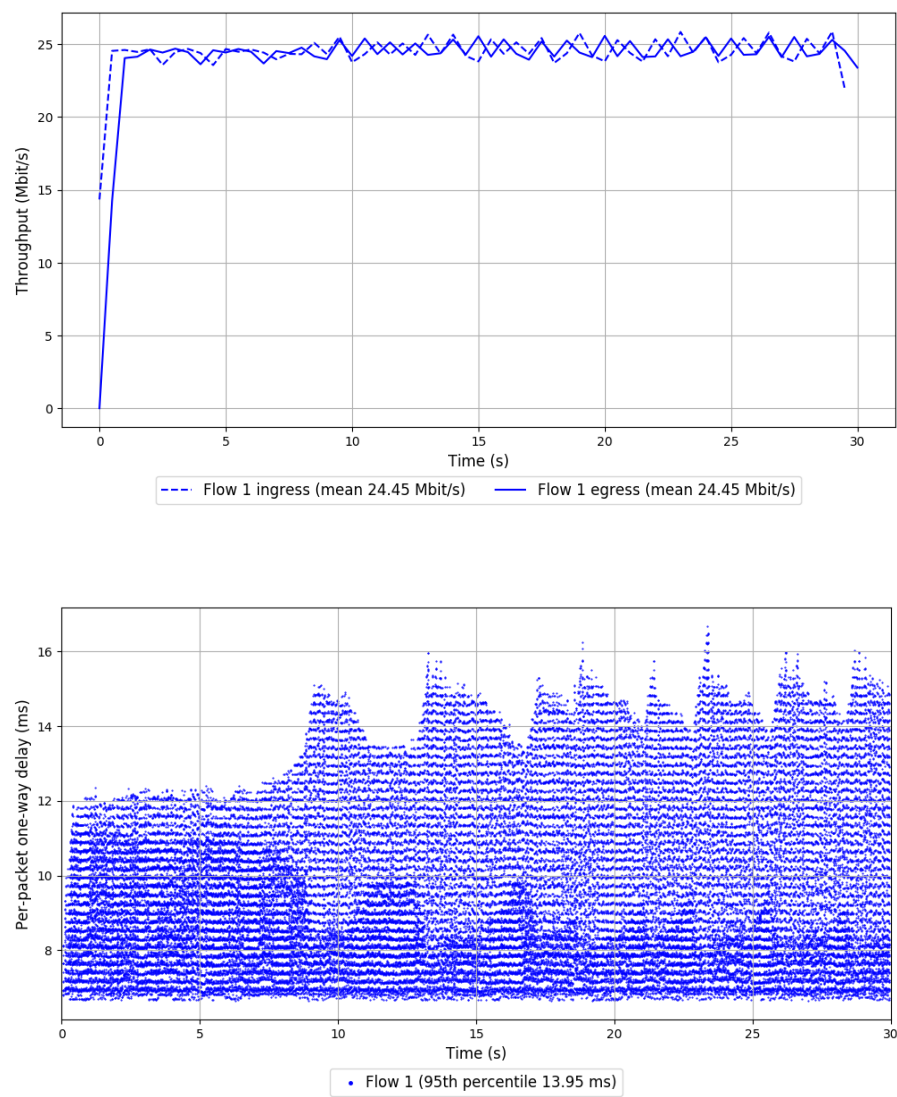


Run 3: Statistics of Sprout

Start at: 2019-06-27 03:21:56
End at: 2019-06-27 03:22:26
Local clock offset: 1.755 ms
Remote clock offset: -4.379 ms

Below is generated by plot.py at 2019-06-27 04:33:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.45 Mbit/s
95th percentile per-packet one-way delay: 13.947 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.45 Mbit/s
95th percentile per-packet one-way delay: 13.947 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2019-06-27 03:47:30

End at: 2019-06-27 03:48:00

Local clock offset: 2.204 ms

Remote clock offset: -5.2 ms

Below is generated by plot.py at 2019-06-27 04:33:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.55 Mbit/s

95th percentile per-packet one-way delay: 12.590 ms

Loss rate: 0.00%

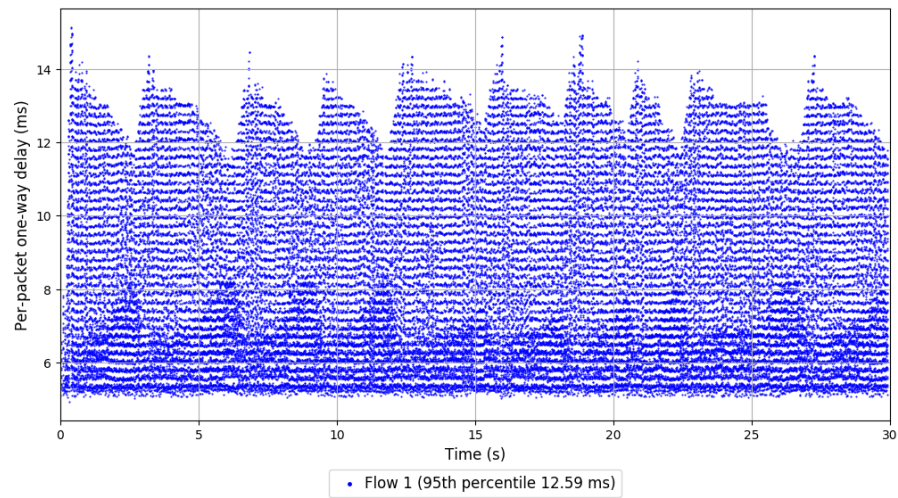
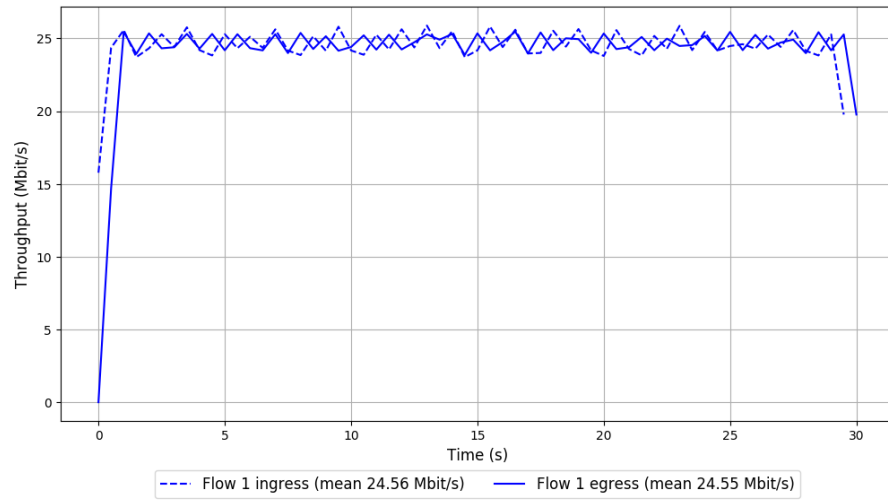
-- Flow 1:

Average throughput: 24.55 Mbit/s

95th percentile per-packet one-way delay: 12.590 ms

Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

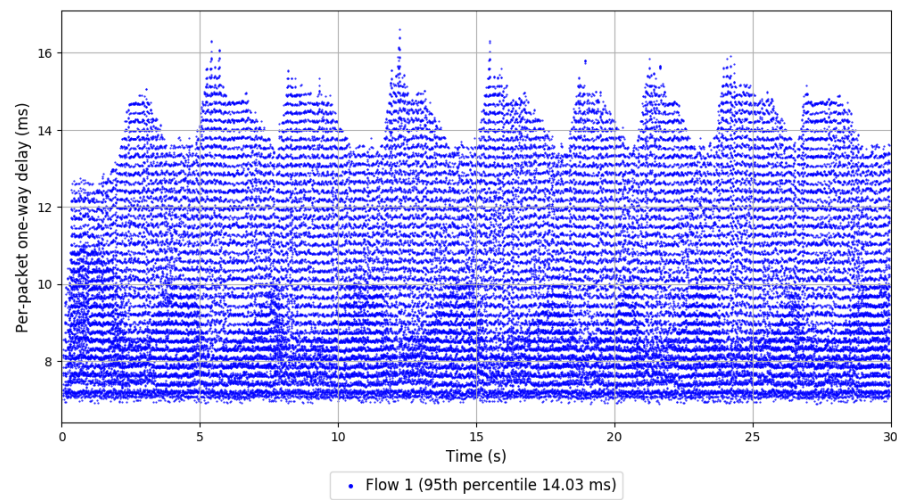
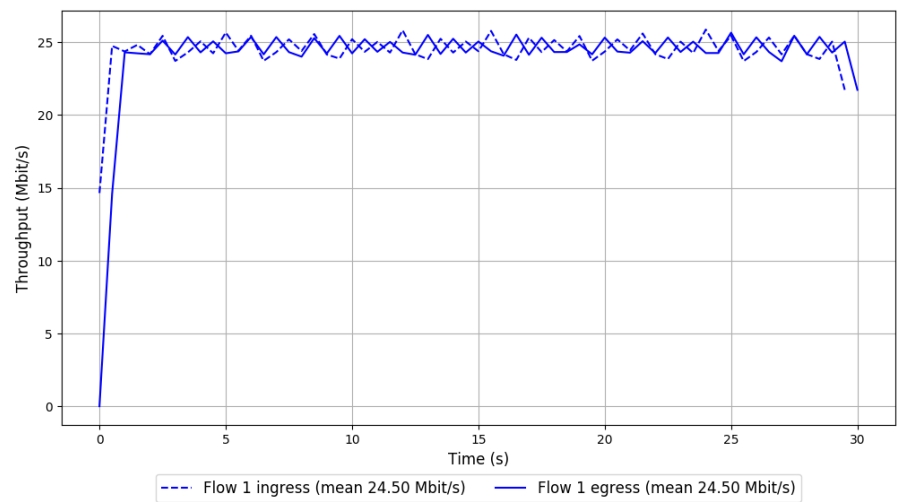


Run 5: Statistics of Sprout

Start at: 2019-06-27 04:12:38
End at: 2019-06-27 04:13:08
Local clock offset: 0.724 ms
Remote clock offset: -4.722 ms

Below is generated by plot.py at 2019-06-27 04:33:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.50 Mbit/s
95th percentile per-packet one-way delay: 14.031 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.50 Mbit/s
95th percentile per-packet one-way delay: 14.031 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2019-06-27 02:26:45

End at: 2019-06-27 02:27:15

Local clock offset: 2.996 ms

Remote clock offset: -7.49 ms

Below is generated by plot.py at 2019-06-27 04:33:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.91 Mbit/s

95th percentile per-packet one-way delay: 4.519 ms

Loss rate: 79.88%

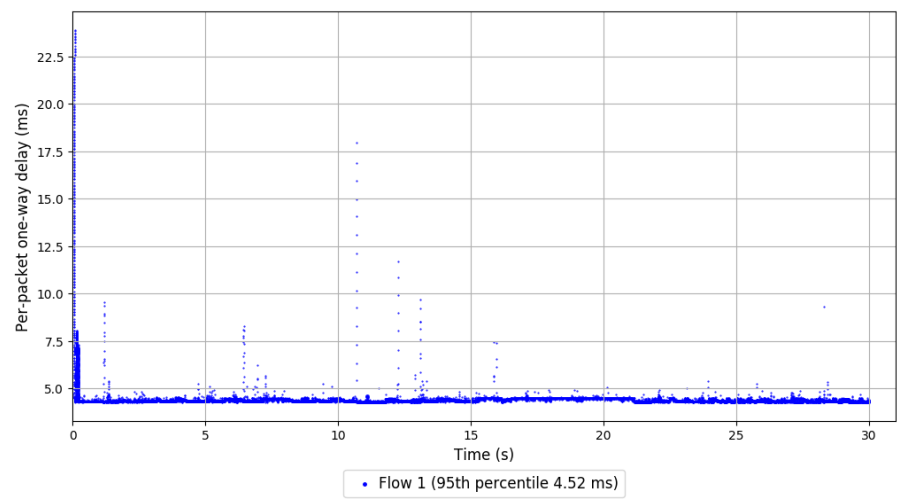
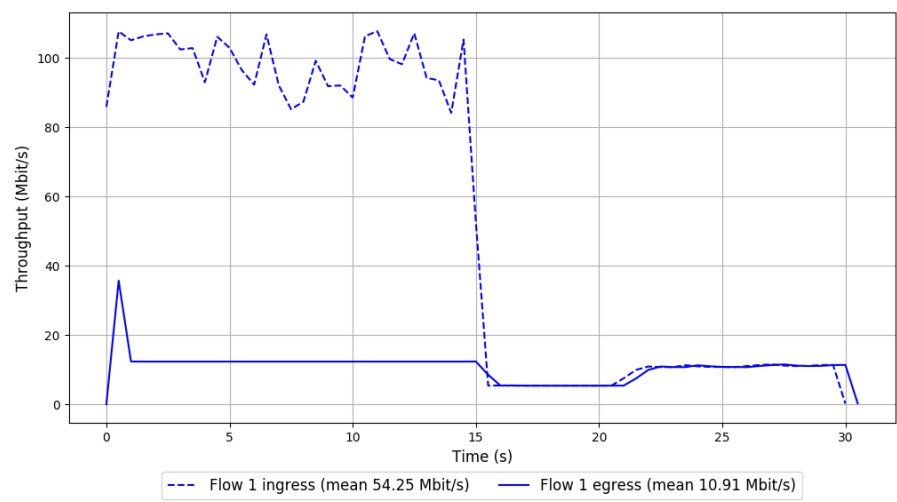
-- Flow 1:

Average throughput: 10.91 Mbit/s

95th percentile per-packet one-way delay: 4.519 ms

Loss rate: 79.88%

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



Run 2: Statistics of TaoVA-100x

Start at: 2019-06-27 02:51:45

End at: 2019-06-27 02:52:15

Local clock offset: 2.31 ms

Remote clock offset: -6.361 ms

Below is generated by plot.py at 2019-06-27 04:33:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.46 Mbit/s

95th percentile per-packet one-way delay: 5.619 ms

Loss rate: 79.58%

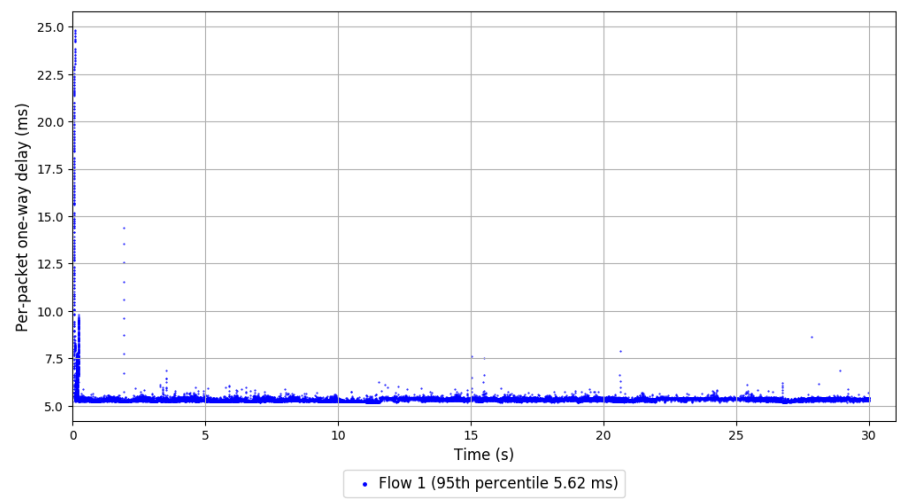
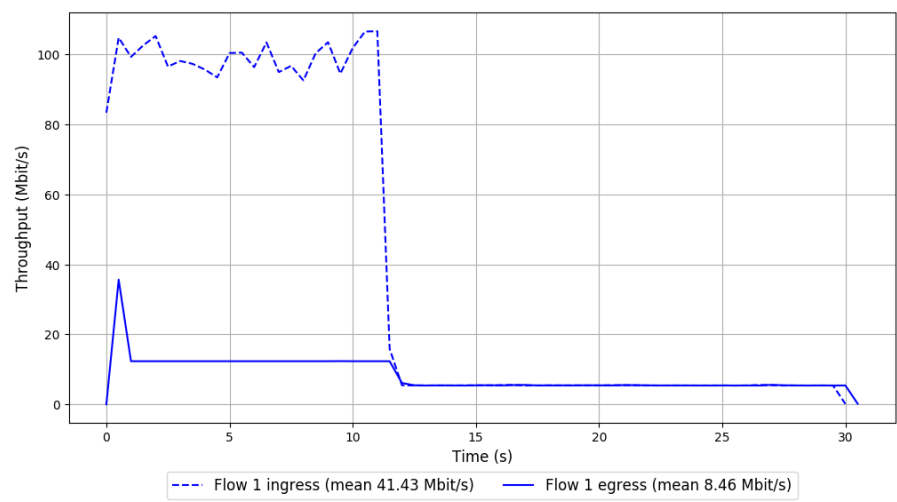
-- Flow 1:

Average throughput: 8.46 Mbit/s

95th percentile per-packet one-way delay: 5.619 ms

Loss rate: 79.58%

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



Run 3: Statistics of TaoVA-100x

Start at: 2019-06-27 03:17:13

End at: 2019-06-27 03:17:43

Local clock offset: 1.547 ms

Remote clock offset: -6.254 ms

Below is generated by plot.py at 2019-06-27 04:33:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.36 Mbit/s

95th percentile per-packet one-way delay: 5.430 ms

Loss rate: 82.23%

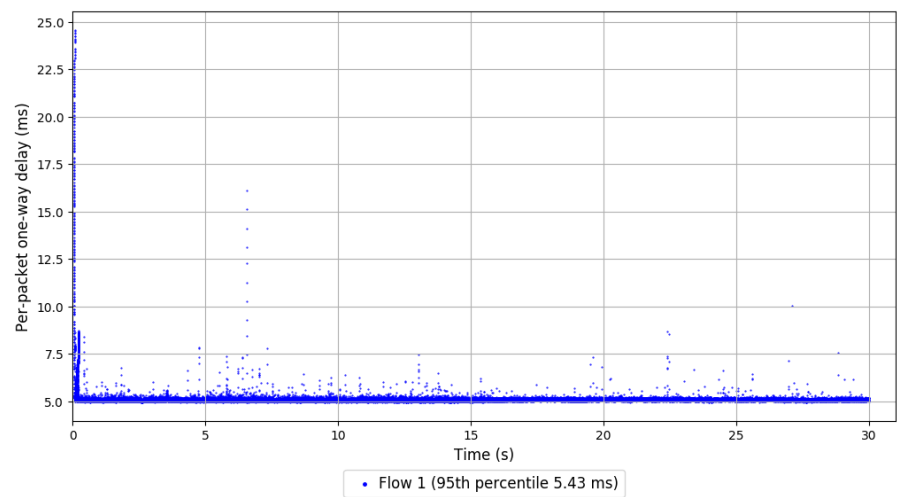
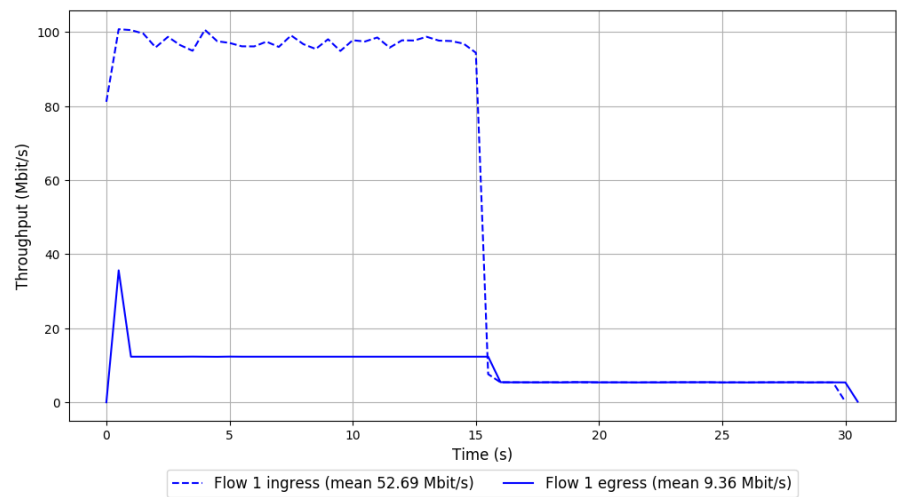
-- Flow 1:

Average throughput: 9.36 Mbit/s

95th percentile per-packet one-way delay: 5.430 ms

Loss rate: 82.23%

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



Run 4: Statistics of TaoVA-100x

Start at: 2019-06-27 03:42:45

End at: 2019-06-27 03:43:15

Local clock offset: 1.542 ms

Remote clock offset: -4.699 ms

Below is generated by plot.py at 2019-06-27 04:33:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.57 Mbit/s

95th percentile per-packet one-way delay: 6.685 ms

Loss rate: 73.87%

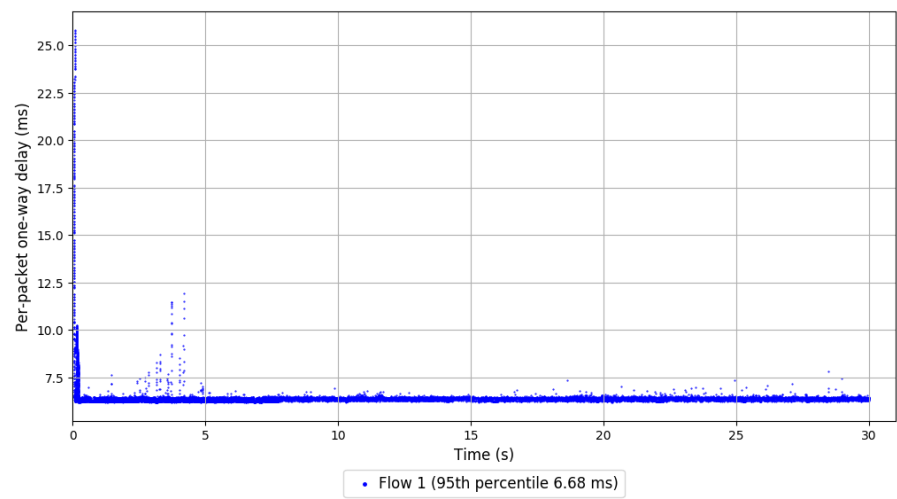
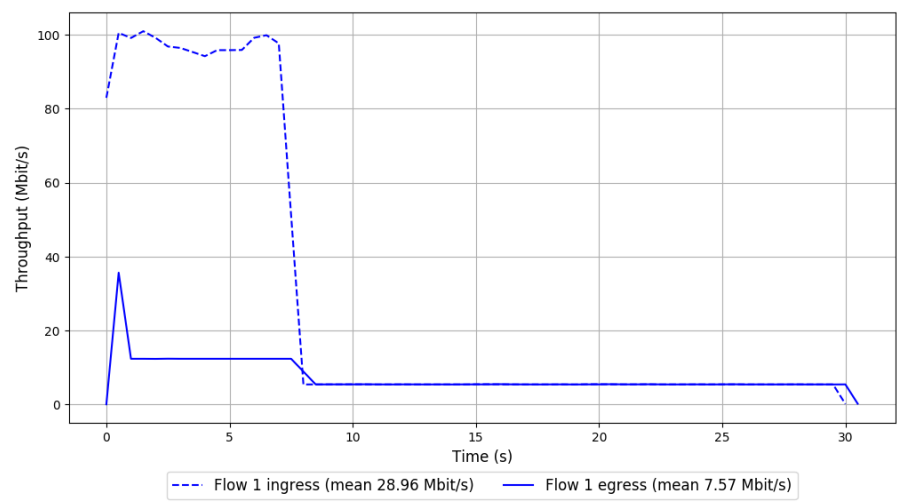
-- Flow 1:

Average throughput: 7.57 Mbit/s

95th percentile per-packet one-way delay: 6.685 ms

Loss rate: 73.87%

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



Run 5: Statistics of TaoVA-100x

Start at: 2019-06-27 04:07:54

End at: 2019-06-27 04:08:24

Local clock offset: 2.236 ms

Remote clock offset: -5.097 ms

Below is generated by plot.py at 2019-06-27 04:33:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.56 Mbit/s

95th percentile per-packet one-way delay: 5.227 ms

Loss rate: 73.89%

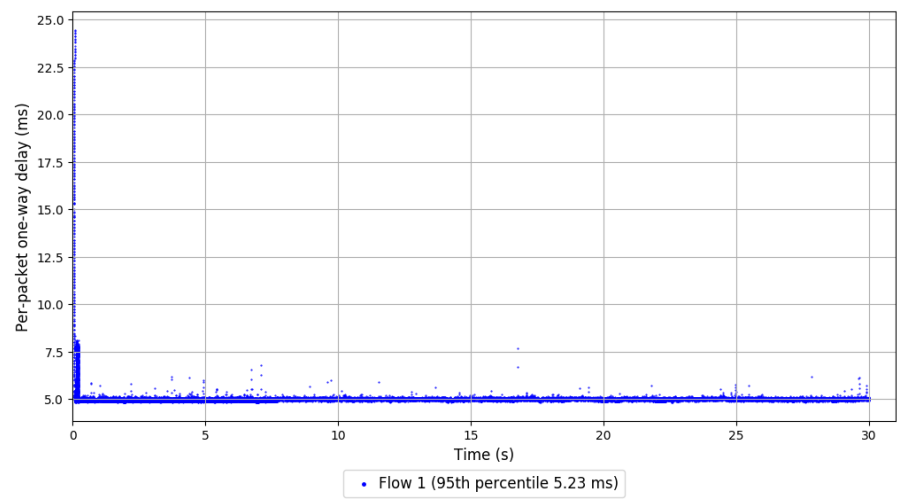
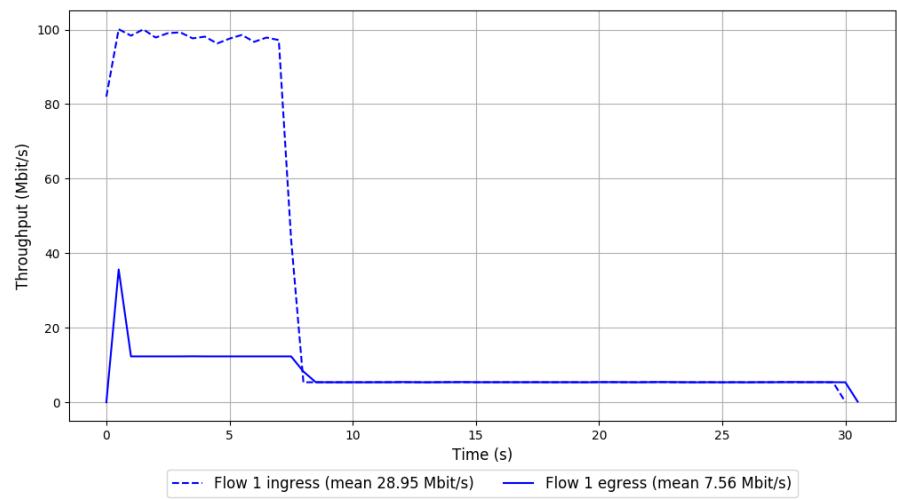
-- Flow 1:

Average throughput: 7.56 Mbit/s

95th percentile per-packet one-way delay: 5.227 ms

Loss rate: 73.89%

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

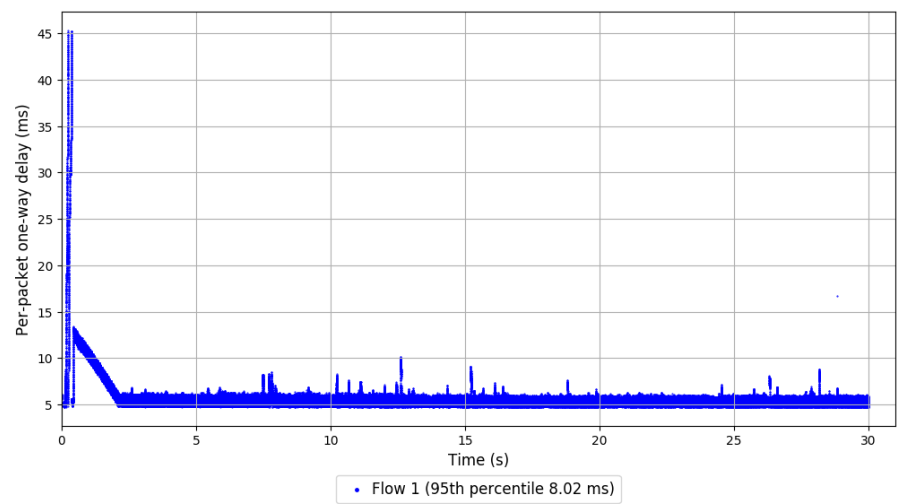
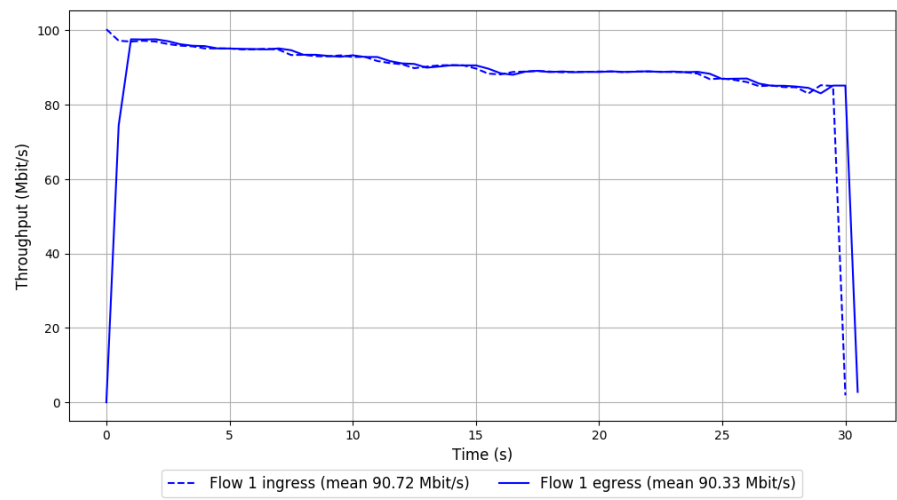


Run 1: Statistics of TCP Vegas

Start at: 2019-06-27 02:27:51
End at: 2019-06-27 02:28:21
Local clock offset: 3.155 ms
Remote clock offset: -6.812 ms

Below is generated by plot.py at 2019-06-27 04:34:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.33 Mbit/s
95th percentile per-packet one-way delay: 8.019 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 90.33 Mbit/s
95th percentile per-packet one-way delay: 8.019 ms
Loss rate: 0.43%

Run 1: Report of TCP Vegas — Data Link

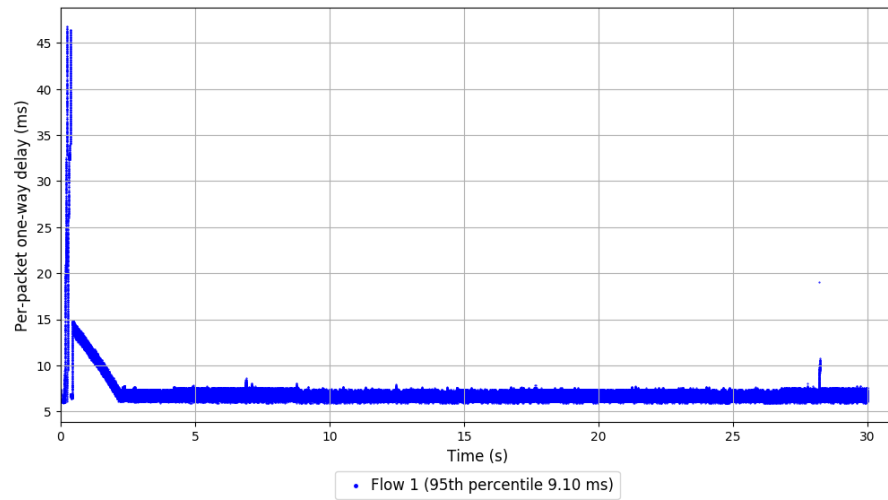
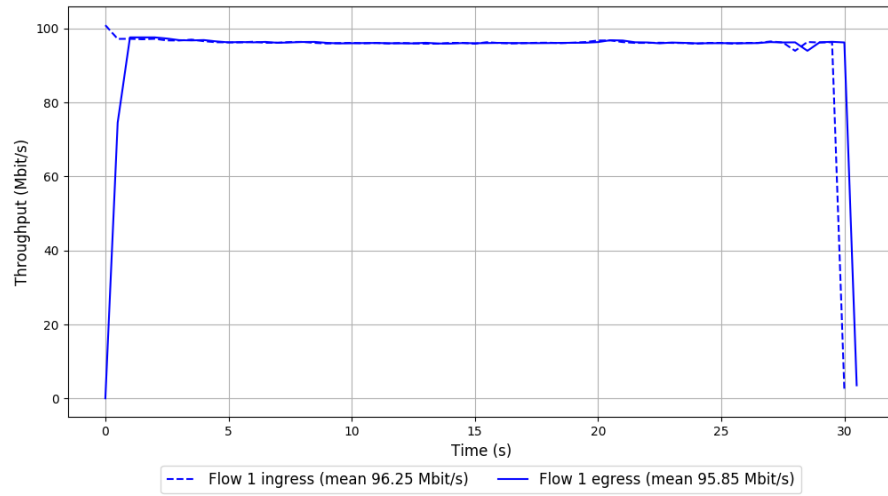


Run 2: Statistics of TCP Vegas

Start at: 2019-06-27 02:52:52
End at: 2019-06-27 02:53:22
Local clock offset: 2.666 ms
Remote clock offset: -5.016 ms

Below is generated by plot.py at 2019-06-27 04:34:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.85 Mbit/s
95th percentile per-packet one-way delay: 9.098 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 95.85 Mbit/s
95th percentile per-packet one-way delay: 9.098 ms
Loss rate: 0.41%

Run 2: Report of TCP Vegas — Data Link

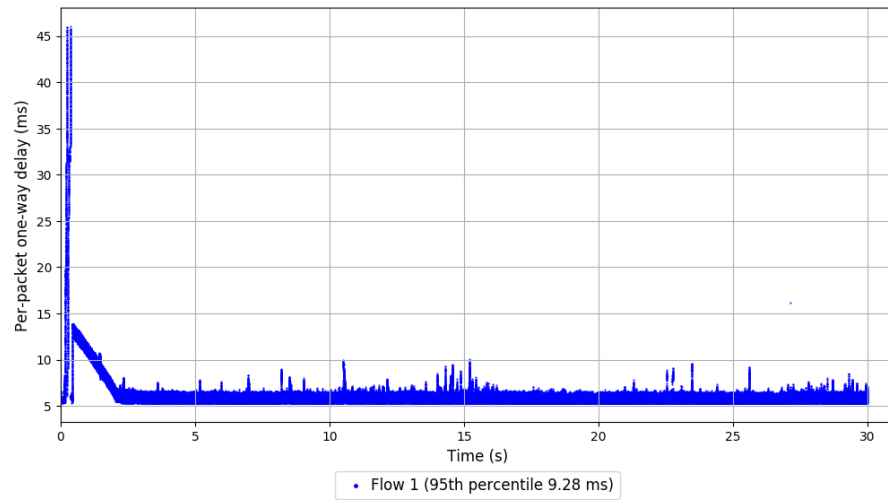
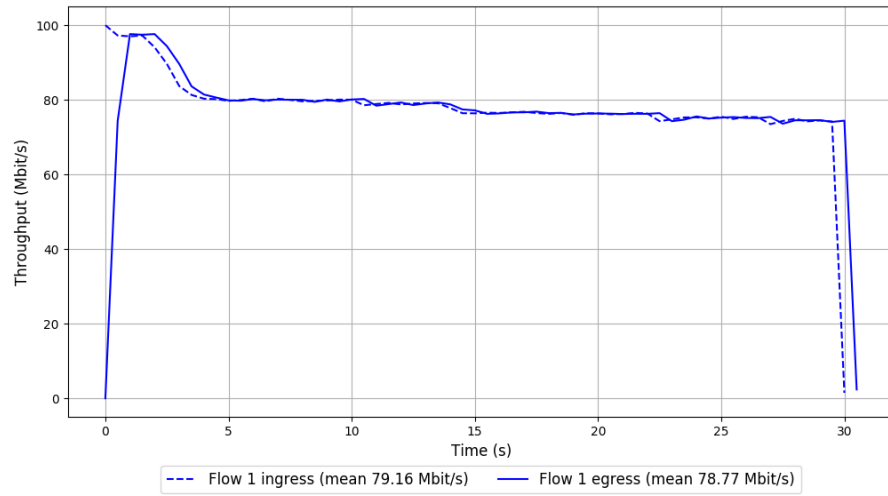


Run 3: Statistics of TCP Vegas

Start at: 2019-06-27 03:18:19
End at: 2019-06-27 03:18:49
Local clock offset: 1.662 ms
Remote clock offset: -5.936 ms

Below is generated by plot.py at 2019-06-27 04:34:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.77 Mbit/s
95th percentile per-packet one-way delay: 9.280 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 78.77 Mbit/s
95th percentile per-packet one-way delay: 9.280 ms
Loss rate: 0.49%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2019-06-27 03:43:52

End at: 2019-06-27 03:44:22

Local clock offset: 1.803 ms

Remote clock offset: -4.311 ms

Below is generated by plot.py at 2019-06-27 04:34:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.13 Mbit/s

95th percentile per-packet one-way delay: 9.887 ms

Loss rate: 0.45%

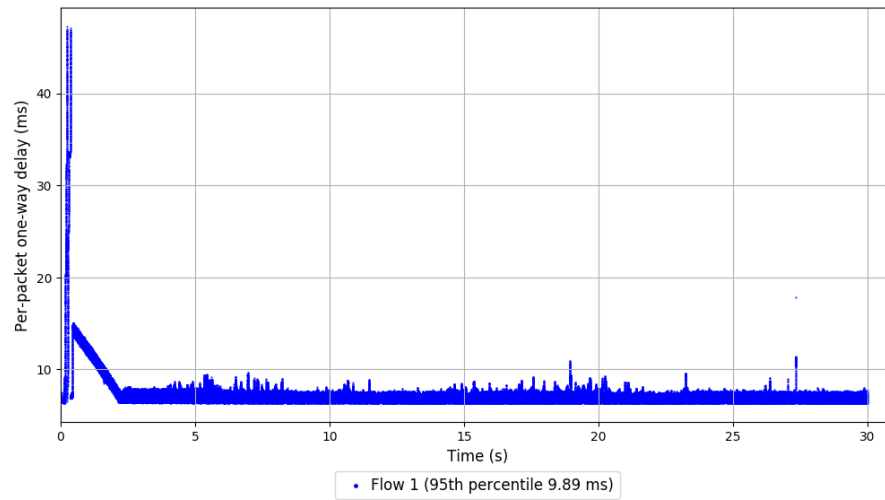
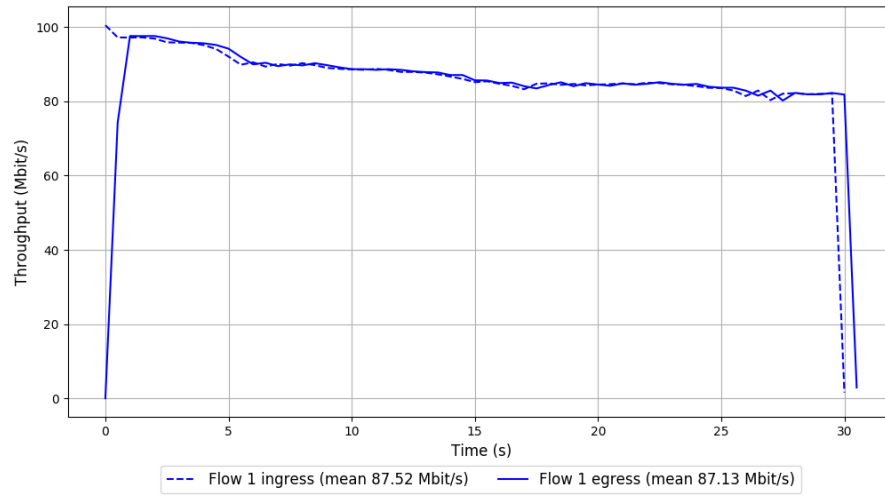
-- Flow 1:

Average throughput: 87.13 Mbit/s

95th percentile per-packet one-way delay: 9.887 ms

Loss rate: 0.45%

Run 4: Report of TCP Vegas — Data Link

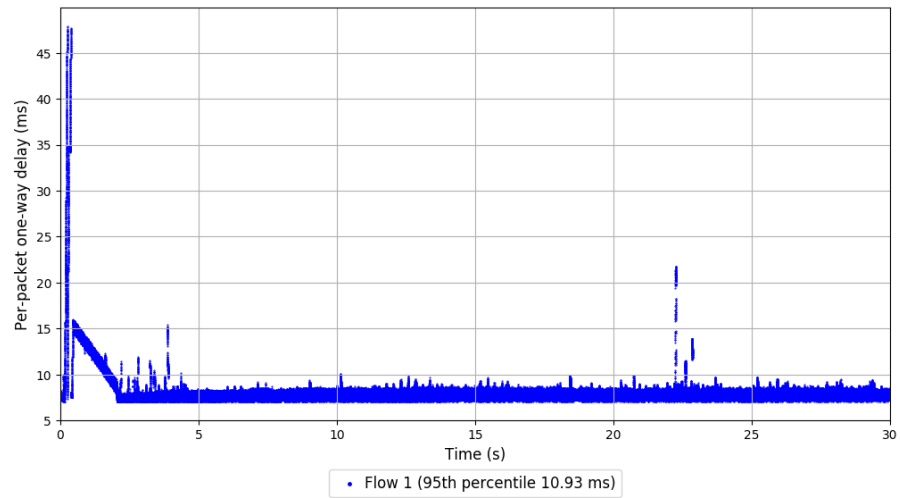
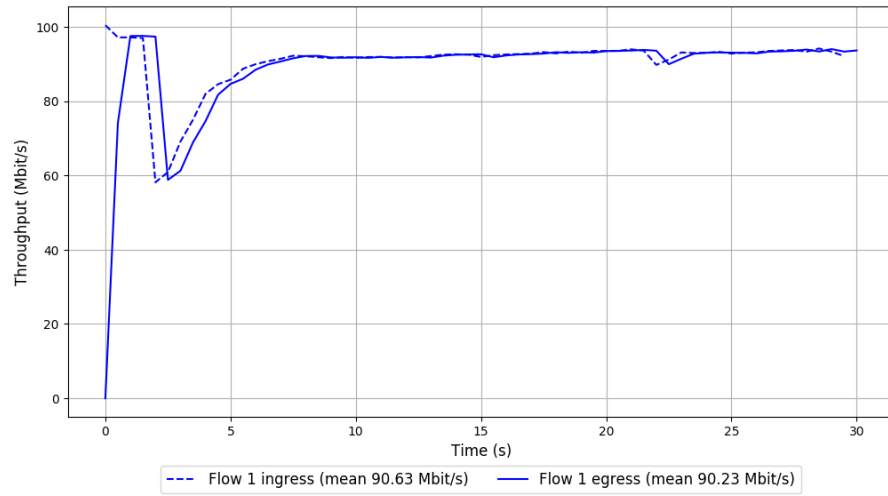


Run 5: Statistics of TCP Vegas

Start at: 2019-06-27 04:09:00
End at: 2019-06-27 04:09:30
Local clock offset: 1.05 ms
Remote clock offset: -4.043 ms

Below is generated by plot.py at 2019-06-27 04:34:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.23 Mbit/s
95th percentile per-packet one-way delay: 10.934 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 90.23 Mbit/s
95th percentile per-packet one-way delay: 10.934 ms
Loss rate: 0.43%

Run 5: Report of TCP Vegas — Data Link

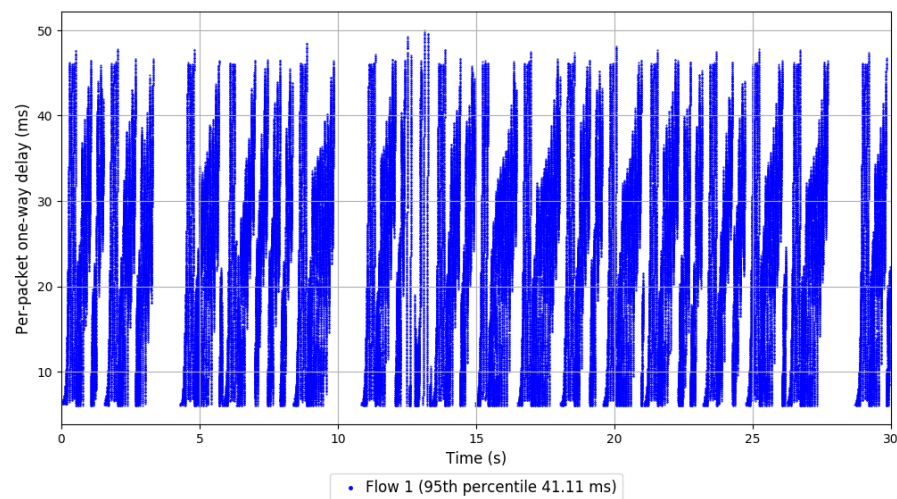
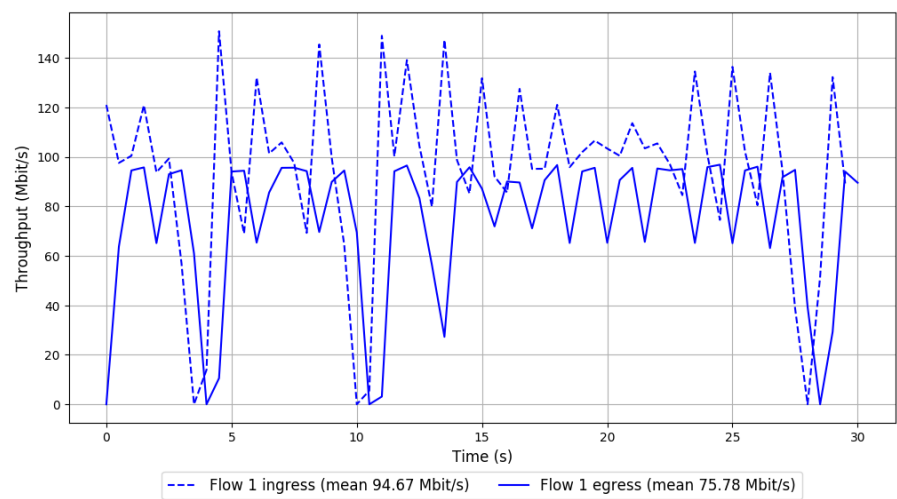


Run 1: Statistics of Verus

Start at: 2019-06-27 02:33:40
End at: 2019-06-27 02:34:10
Local clock offset: 2.314 ms
Remote clock offset: -6.071 ms

Below is generated by plot.py at 2019-06-27 04:34:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.78 Mbit/s
95th percentile per-packet one-way delay: 41.109 ms
Loss rate: 19.91%
-- Flow 1:
Average throughput: 75.78 Mbit/s
95th percentile per-packet one-way delay: 41.109 ms
Loss rate: 19.91%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2019-06-27 02:58:43

End at: 2019-06-27 02:59:13

Local clock offset: 2.559 ms

Remote clock offset: -5.82 ms

Below is generated by plot.py at 2019-06-27 04:34:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 46.47 Mbit/s

95th percentile per-packet one-way delay: 43.046 ms

Loss rate: 54.74%

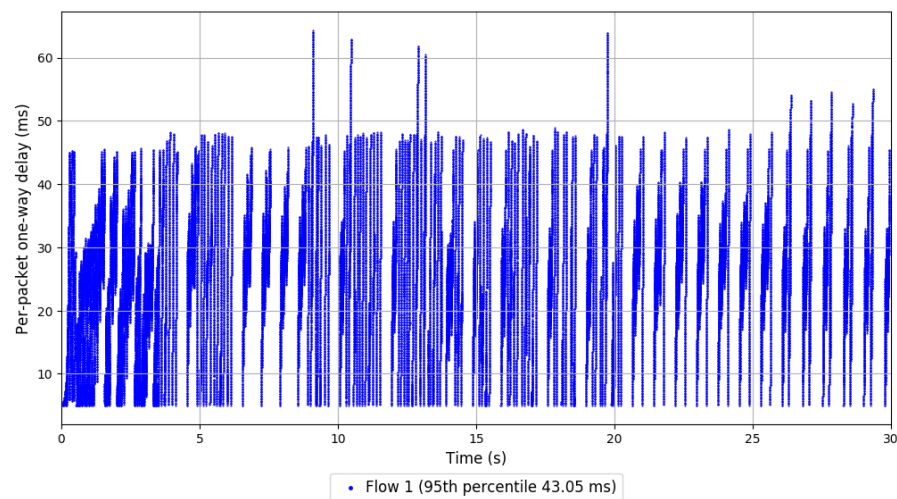
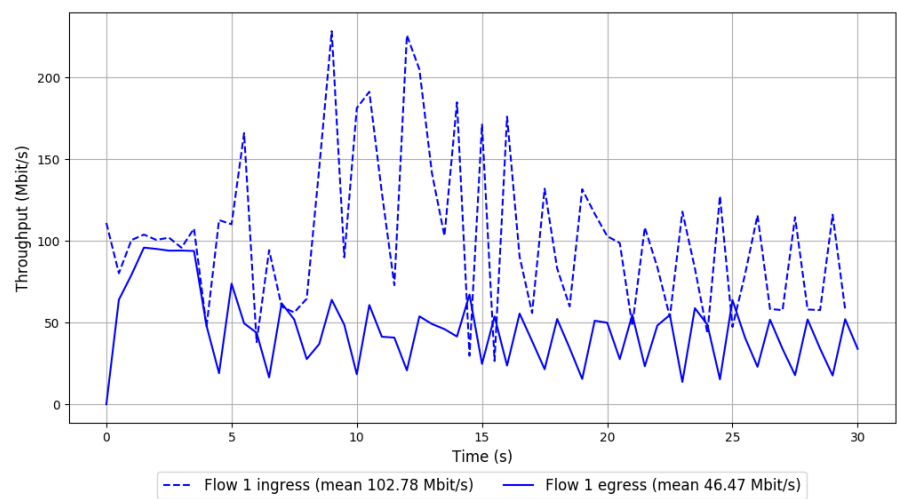
-- Flow 1:

Average throughput: 46.47 Mbit/s

95th percentile per-packet one-way delay: 43.046 ms

Loss rate: 54.74%

Run 2: Report of Verus — Data Link

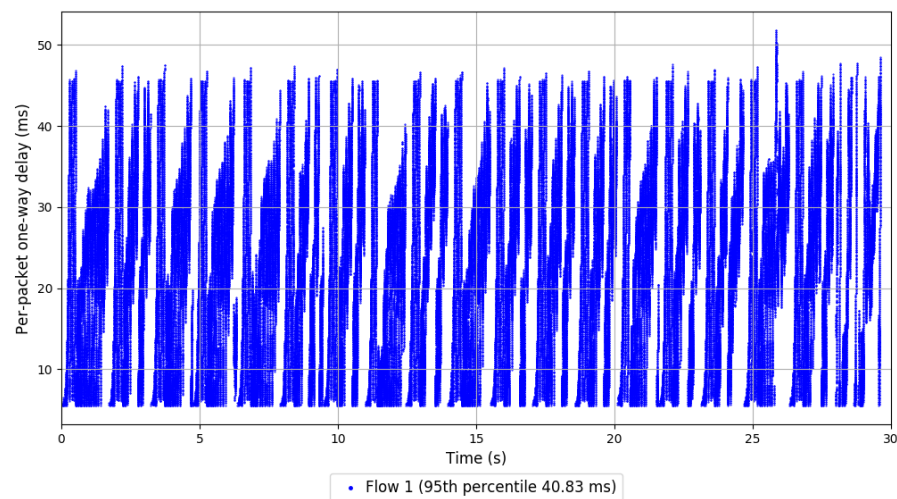
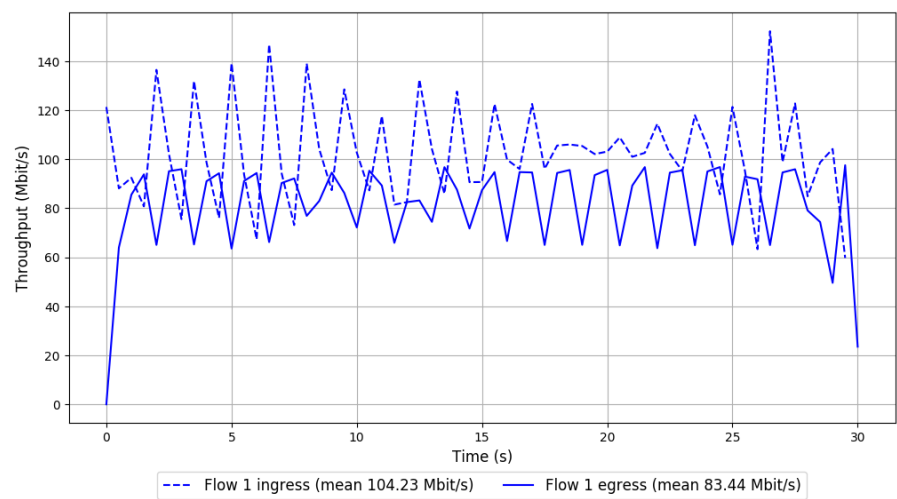


Run 3: Statistics of Verus

Start at: 2019-06-27 03:24:15
End at: 2019-06-27 03:24:45
Local clock offset: 1.275 ms
Remote clock offset: -5.904 ms

Below is generated by plot.py at 2019-06-27 04:34:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.44 Mbit/s
95th percentile per-packet one-way delay: 40.833 ms
Loss rate: 19.89%
-- Flow 1:
Average throughput: 83.44 Mbit/s
95th percentile per-packet one-way delay: 40.833 ms
Loss rate: 19.89%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2019-06-27 03:49:45

End at: 2019-06-27 03:50:15

Local clock offset: 1.403 ms

Remote clock offset: -4.91 ms

Below is generated by plot.py at 2019-06-27 04:35:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.41 Mbit/s

95th percentile per-packet one-way delay: 42.238 ms

Loss rate: 20.22%

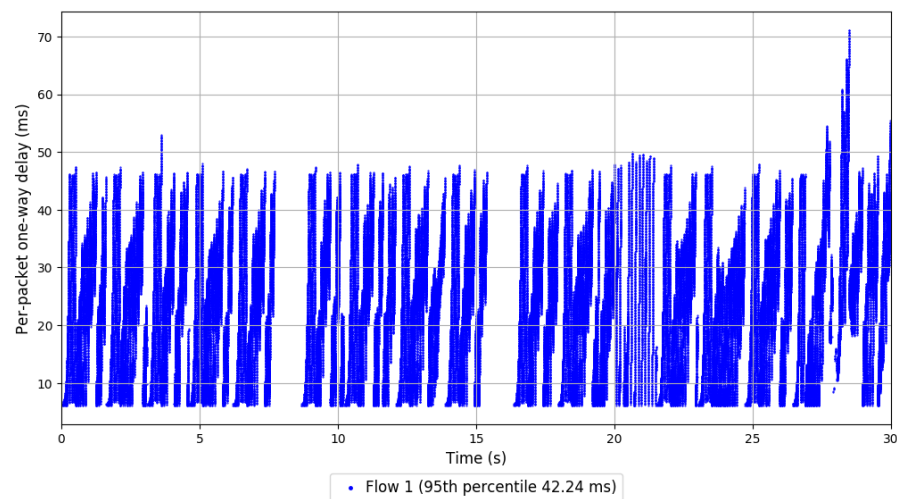
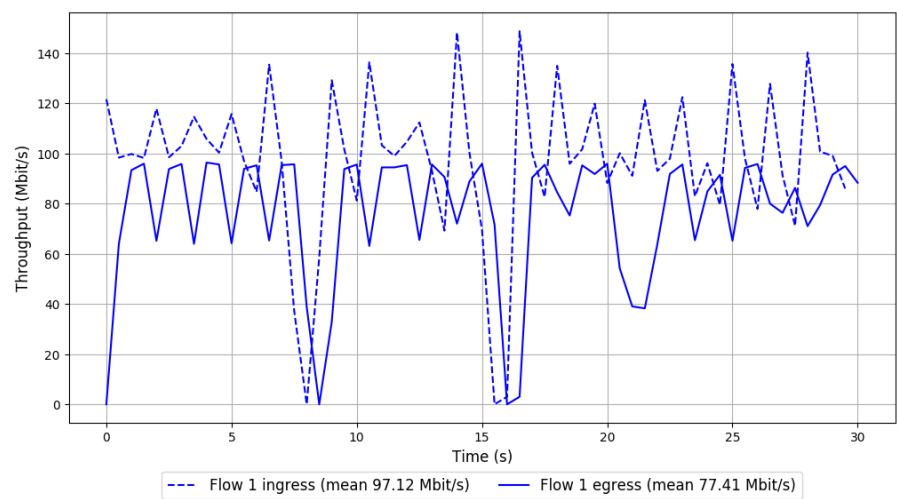
-- Flow 1:

Average throughput: 77.41 Mbit/s

95th percentile per-packet one-way delay: 42.238 ms

Loss rate: 20.22%

Run 4: Report of Verus — Data Link

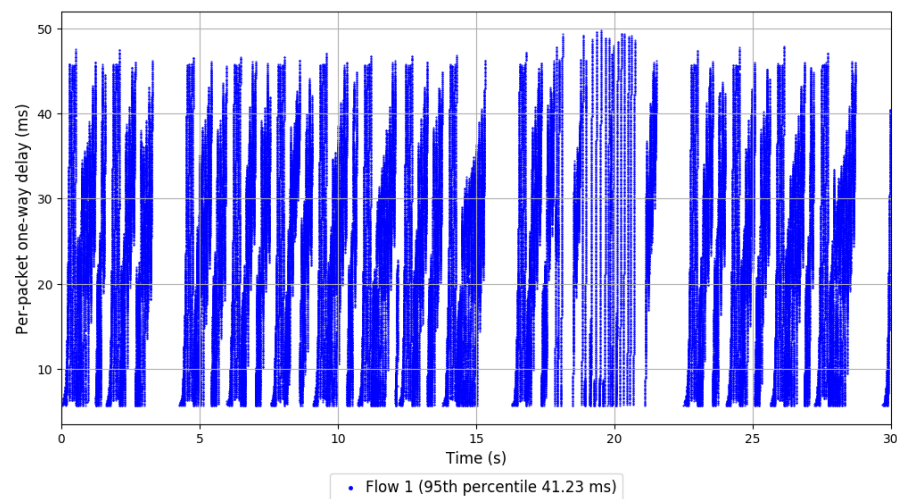
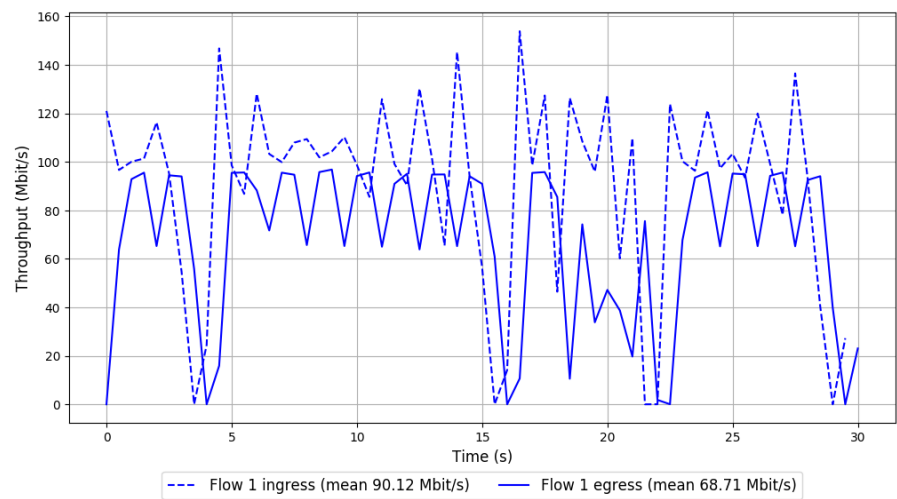


Run 5: Statistics of Verus

Start at: 2019-06-27 04:14:55
End at: 2019-06-27 04:15:25
Local clock offset: 1.195 ms
Remote clock offset: -5.417 ms

Below is generated by plot.py at 2019-06-27 04:35:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.71 Mbit/s
95th percentile per-packet one-way delay: 41.227 ms
Loss rate: 23.70%
-- Flow 1:
Average throughput: 68.71 Mbit/s
95th percentile per-packet one-way delay: 41.227 ms
Loss rate: 23.70%

Run 5: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2019-06-27 02:30:10

End at: 2019-06-27 02:30:40

Local clock offset: 1.483 ms

Remote clock offset: -8.062 ms

Below is generated by plot.py at 2019-06-27 04:35:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.53 Mbit/s

95th percentile per-packet one-way delay: 5.921 ms

Loss rate: 0.00%

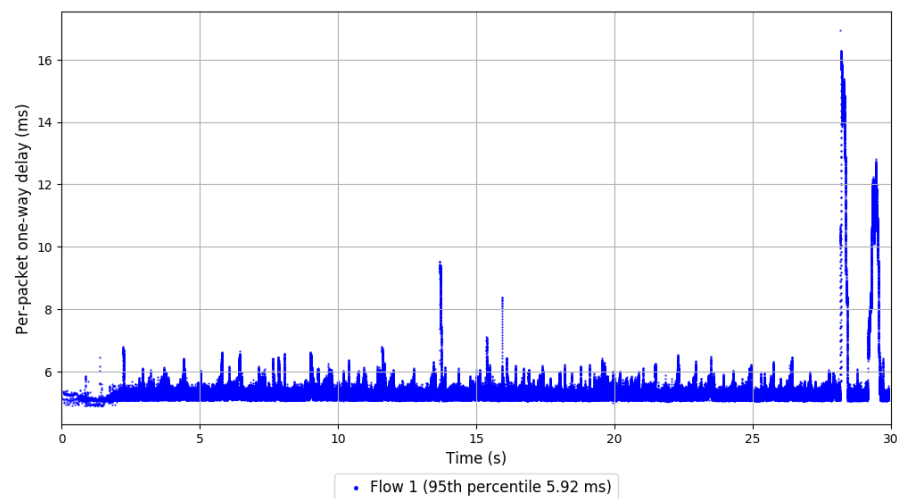
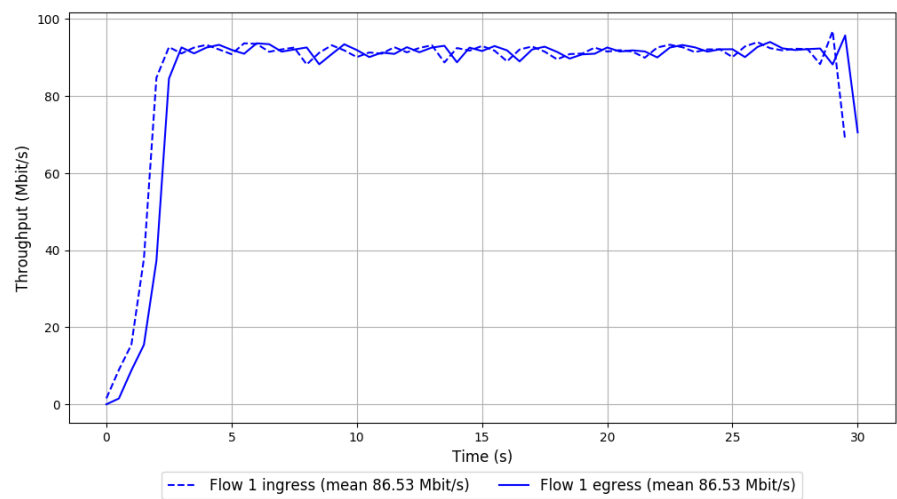
-- Flow 1:

Average throughput: 86.53 Mbit/s

95th percentile per-packet one-way delay: 5.921 ms

Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2019-06-27 02:55:13

End at: 2019-06-27 02:55:43

Local clock offset: 2.472 ms

Remote clock offset: -5.486 ms

Below is generated by plot.py at 2019-06-27 04:35:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.24 Mbit/s

95th percentile per-packet one-way delay: 6.217 ms

Loss rate: 0.00%

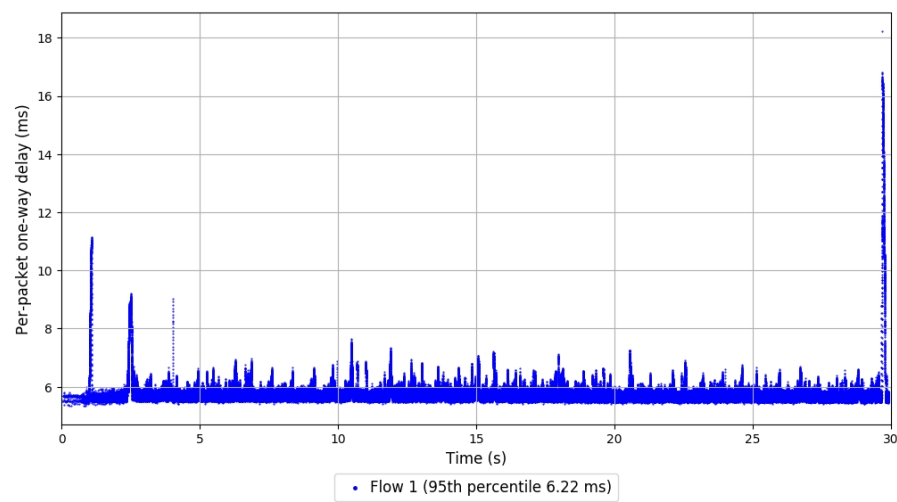
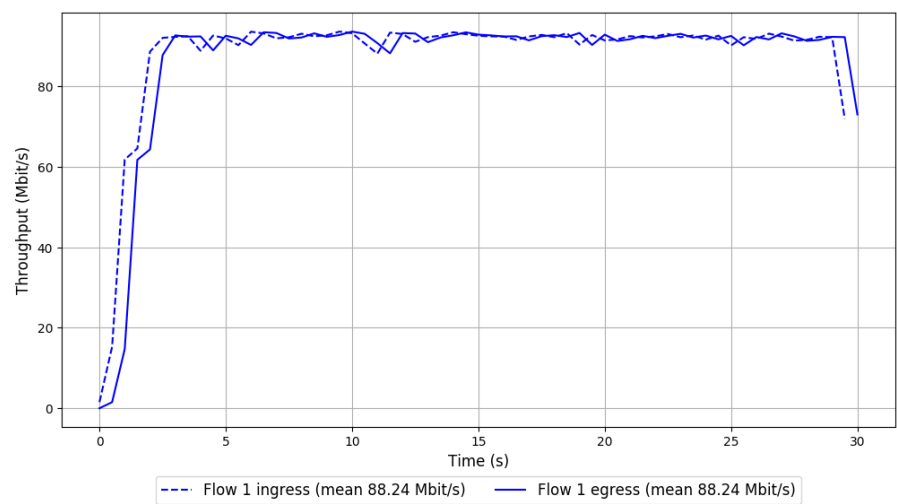
-- Flow 1:

Average throughput: 88.24 Mbit/s

95th percentile per-packet one-way delay: 6.217 ms

Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2019-06-27 03:20:44

End at: 2019-06-27 03:21:14

Local clock offset: 1.572 ms

Remote clock offset: -5.316 ms

Below is generated by plot.py at 2019-06-27 04:35:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.35 Mbit/s

95th percentile per-packet one-way delay: 7.085 ms

Loss rate: 0.00%

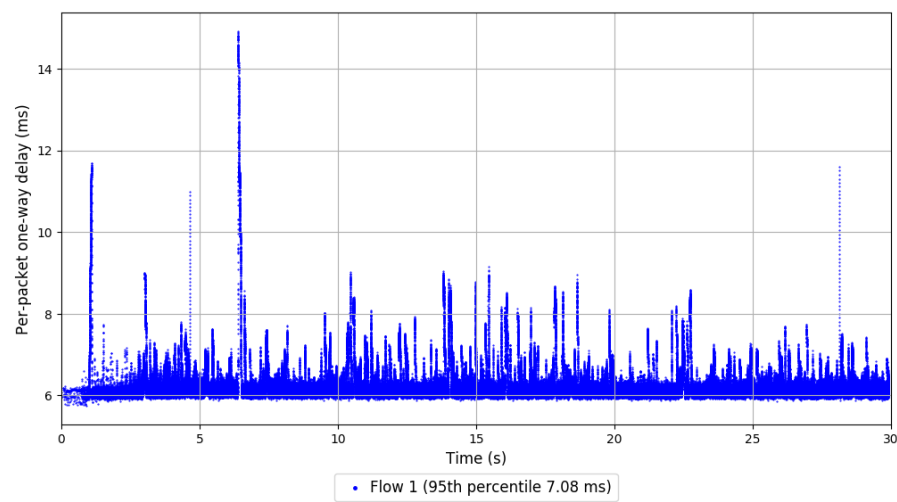
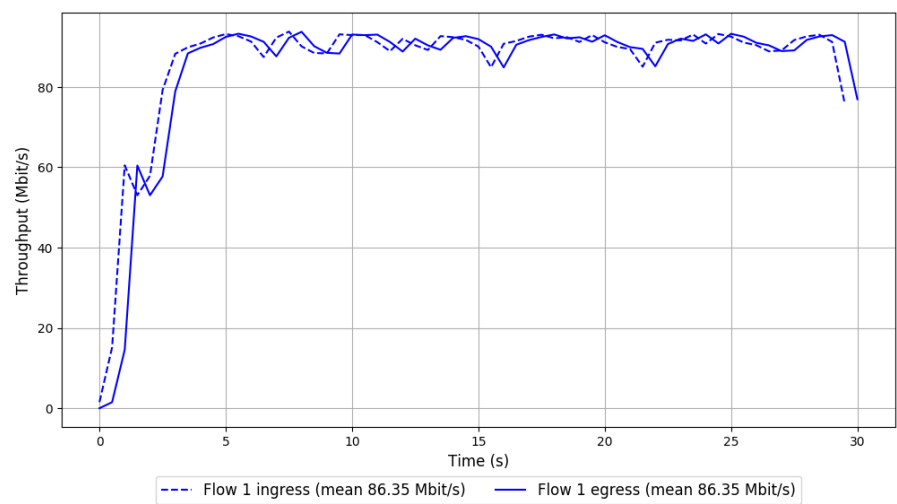
-- Flow 1:

Average throughput: 86.35 Mbit/s

95th percentile per-packet one-way delay: 7.085 ms

Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link



Run 4: Statistics of PCC-Vivace

Start at: 2019-06-27 03:46:19

End at: 2019-06-27 03:46:49

Local clock offset: 2.801 ms

Remote clock offset: -5.388 ms

Below is generated by plot.py at 2019-06-27 04:35:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.64 Mbit/s

95th percentile per-packet one-way delay: 4.950 ms

Loss rate: 0.00%

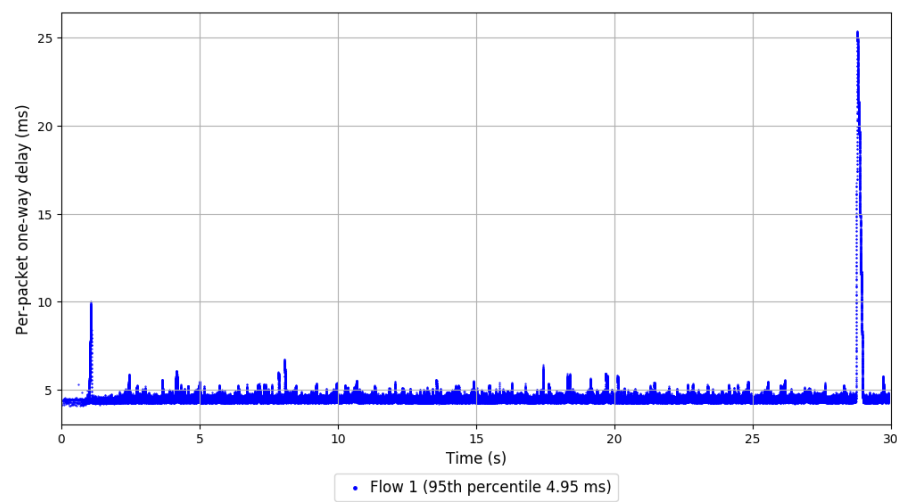
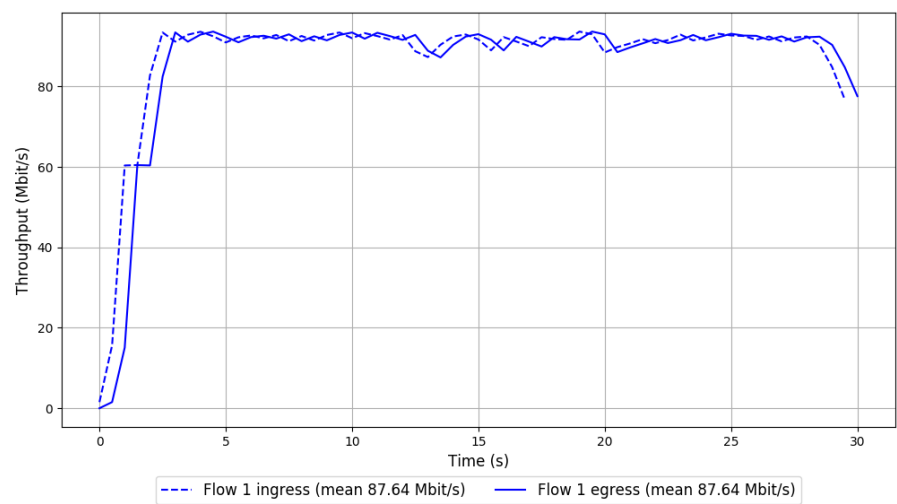
-- Flow 1:

Average throughput: 87.64 Mbit/s

95th percentile per-packet one-way delay: 4.950 ms

Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2019-06-27 04:11:25

End at: 2019-06-27 04:11:55

Local clock offset: 0.832 ms

Remote clock offset: -4.977 ms

Below is generated by plot.py at 2019-06-27 04:35:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.43 Mbit/s

95th percentile per-packet one-way delay: 7.456 ms

Loss rate: 0.00%

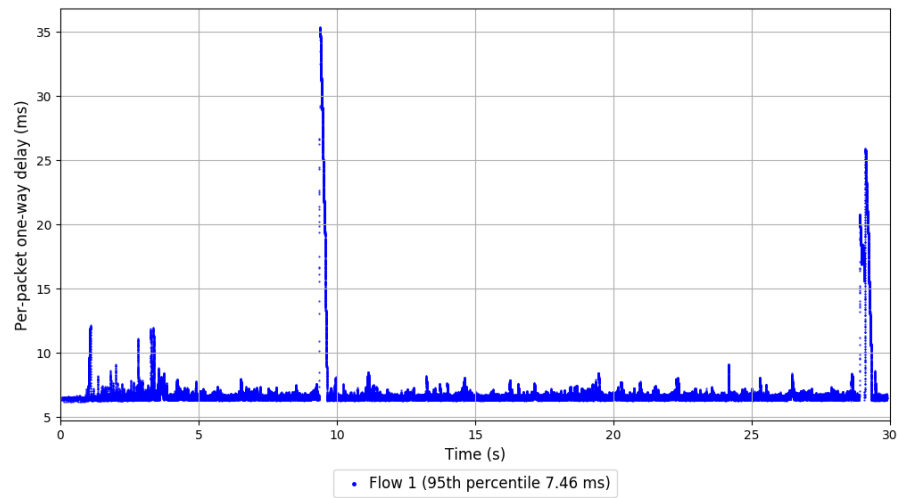
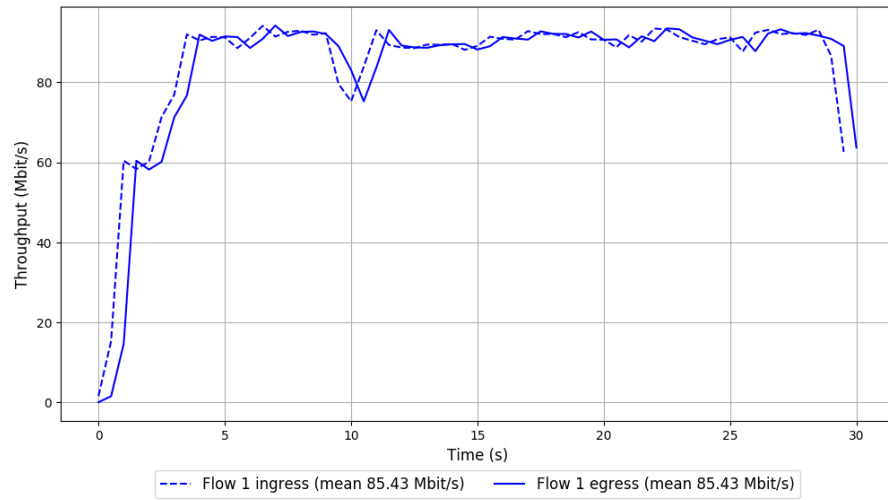
-- Flow 1:

Average throughput: 85.43 Mbit/s

95th percentile per-packet one-way delay: 7.456 ms

Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link



Run 1: Statistics of WebRTC media

Start at: 2019-06-27 02:39:22

End at: 2019-06-27 02:39:52

Local clock offset: 2.212 ms

Remote clock offset: -6.027 ms

Below is generated by plot.py at 2019-06-27 04:35:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 6.909 ms

Loss rate: 0.00%

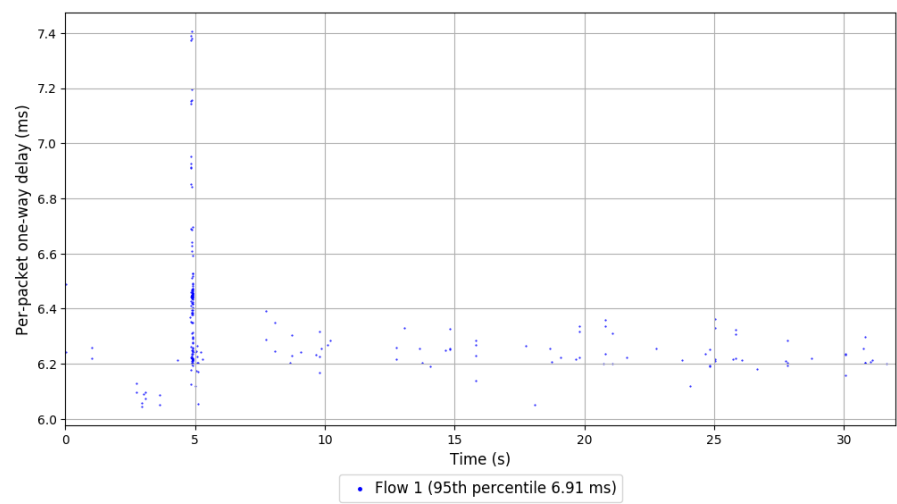
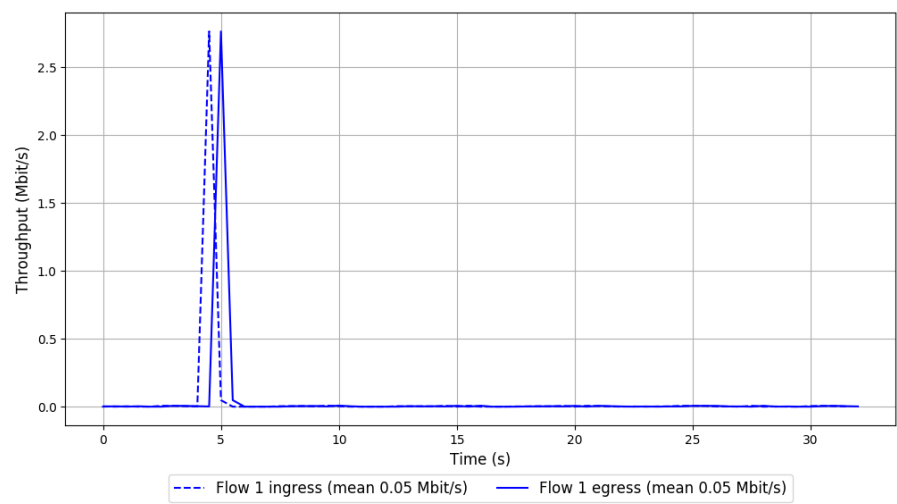
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 6.909 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2019-06-27 03:04:33

End at: 2019-06-27 03:05:03

Local clock offset: 2.201 ms

Remote clock offset: -5.63 ms

Below is generated by plot.py at 2019-06-27 04:35:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 6.073 ms

Loss rate: 0.00%

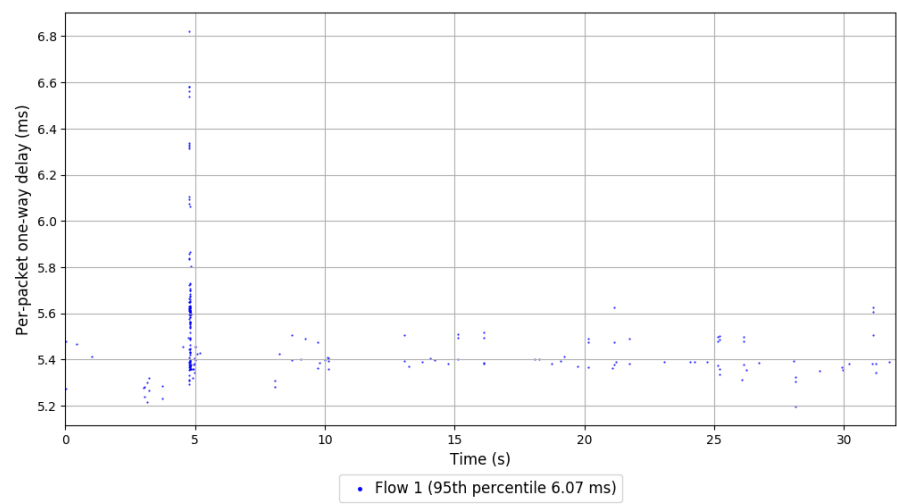
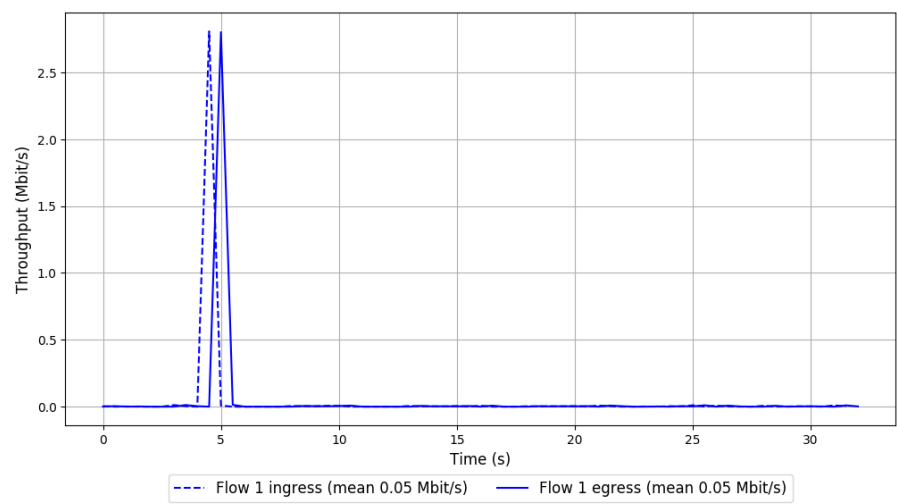
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 6.073 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

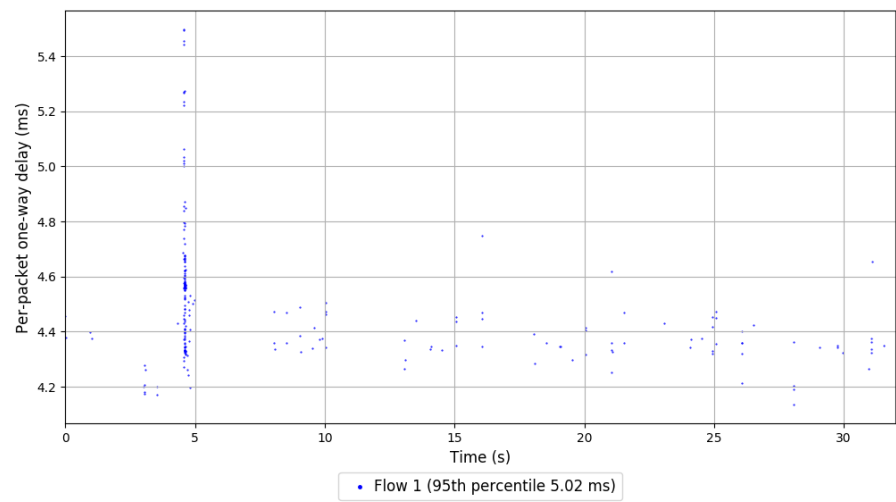
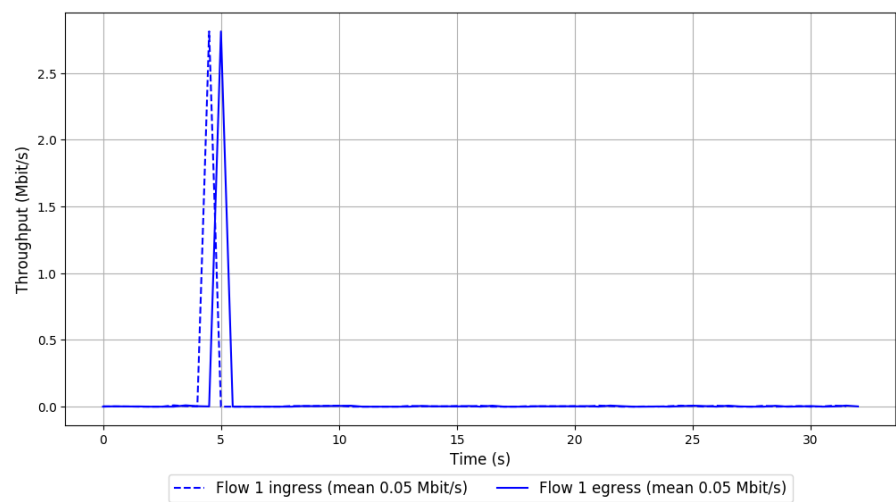


Run 3: Statistics of WebRTC media

Start at: 2019-06-27 03:30:05
End at: 2019-06-27 03:30:35
Local clock offset: 2.038 ms
Remote clock offset: -6.252 ms

Below is generated by plot.py at 2019-06-27 04:35:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 5.019 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 5.019 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

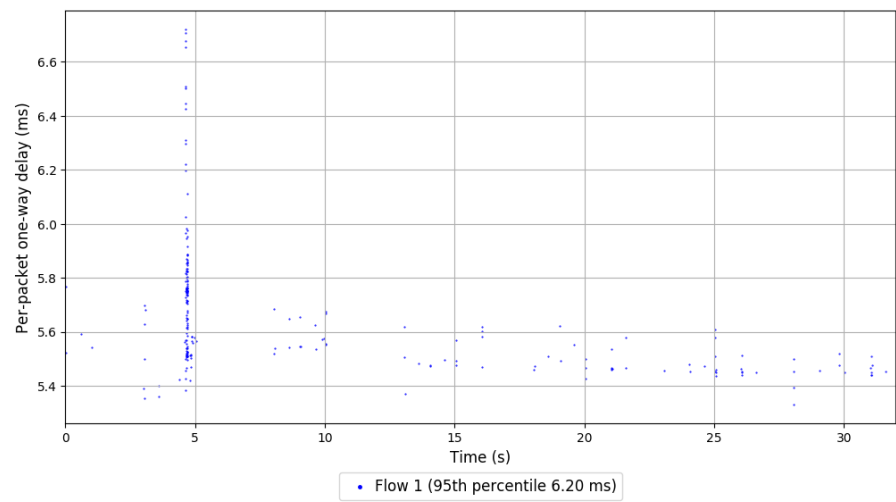
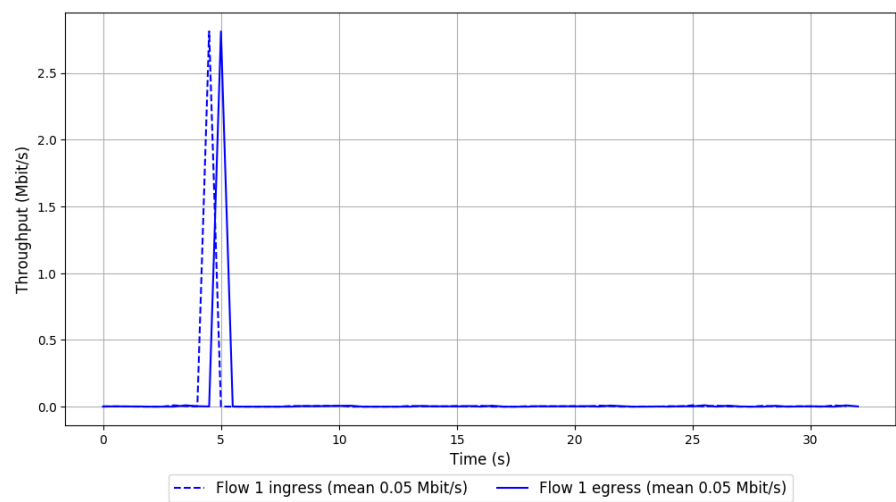


Run 4: Statistics of WebRTC media

Start at: 2019-06-27 03:55:33
End at: 2019-06-27 03:56:03
Local clock offset: 2.269 ms
Remote clock offset: -4.551 ms

Below is generated by plot.py at 2019-06-27 04:35:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 6.198 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 6.198 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-06-27 04:20:50

End at: 2019-06-27 04:21:20

Local clock offset: 1.154 ms

Remote clock offset: -4.845 ms

Below is generated by plot.py at 2019-06-27 04:35:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 7.033 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 7.033 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

