

Pantheon Report

Generated at 2019-07-18 07:29:42 (UTC).

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

Repeated the test of 24 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.

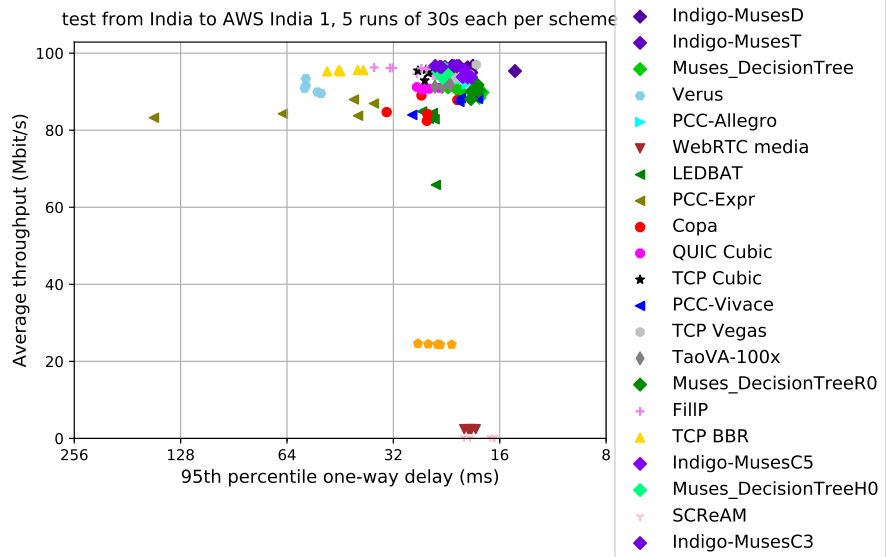
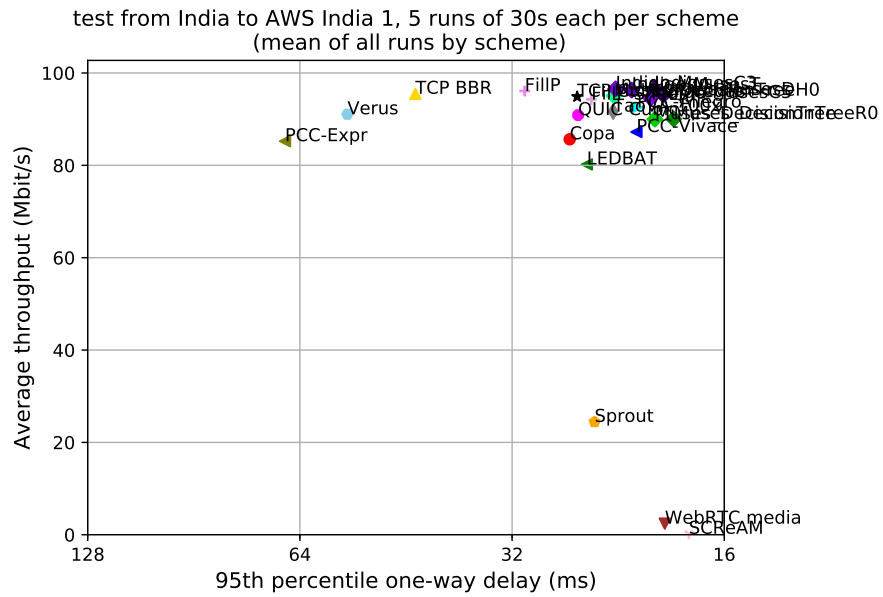
System info:

```
Linux 4.15.0-1043-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 @ de42328552b3776a75a932a94dfafd722537b0ec
third_party/fillp @ d6da1459332fcee56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecd90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/muses @ 5ce721187ad823da20955337730c746486ca4966
third_party/muses_dtree @ 387225f7b5f61ddbe92d708a8869ffbb84eb3200
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	95.49	43.89	1.37
Copa	5	85.64	26.51	0.10
TCP Cubic	5	94.87	25.87	0.11
FillP	5	96.09	30.71	0.14
FillP-Sheep	5	94.26	24.70	0.12
Indigo	5	96.60	20.10	0.10
Indigo-MusesC3	5	96.57	22.82	0.10
Indigo-MusesC5	5	94.58	20.35	0.10
Indigo-MusesD	5	95.24	19.52	0.10
Indigo-MusesT	5	96.29	21.65	0.11
LEDBAT	5	80.19	25.07	0.14
Muses_DecisionTree	5	90.00	20.07	0.10
Muses_DecisionTreeH0	5	95.08	22.94	0.10
Muses_DecisionTreeR0	5	90.04	18.88	0.10
PCC-Allegro	5	92.53	21.27	0.10
PCC-Expr	5	85.23	67.20	0.18
QUIC Cubic	5	90.88	25.80	0.13
SCReAM	5	0.21	17.96	0.13
Sprout	5	24.44	24.45	0.09
TaoVA-100x	5	91.65	23.00	0.10
TCP Vegas	5	94.79	20.34	0.10
Verus	5	91.06	54.81	0.29
PCC-Vivace	5	87.23	21.32	0.10
WebRTC media	5	2.41	19.43	0.10

Run 1: Statistics of TCP BBR

Start at: 2019-07-18 04:57:48

End at: 2019-07-18 04:58:18

Local clock offset: 5.776 ms

Remote clock offset: -2.033 ms

Below is generated by plot.py at 2019-07-18 07:14:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.59 Mbit/s

95th percentile per-packet one-way delay: 38.906 ms

Loss rate: 1.46%

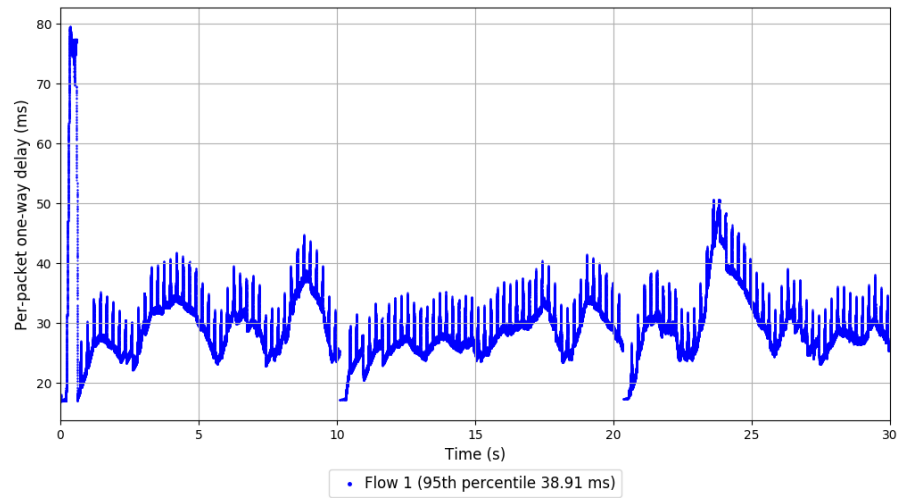
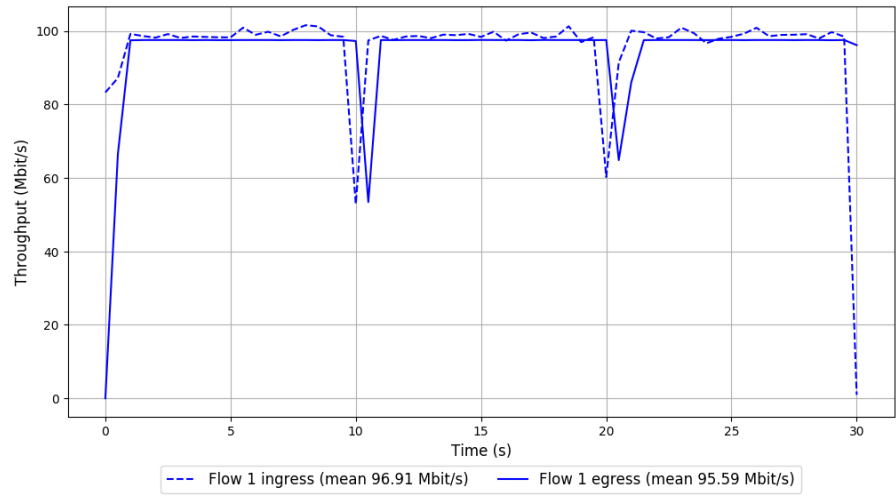
-- Flow 1:

Average throughput: 95.59 Mbit/s

95th percentile per-packet one-way delay: 38.906 ms

Loss rate: 1.46%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2019-07-18 05:27:24

End at: 2019-07-18 05:27:54

Local clock offset: 0.694 ms

Remote clock offset: -0.662 ms

Below is generated by plot.py at 2019-07-18 07:14:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.28 Mbit/s

95th percentile per-packet one-way delay: 49.250 ms

Loss rate: 1.82%

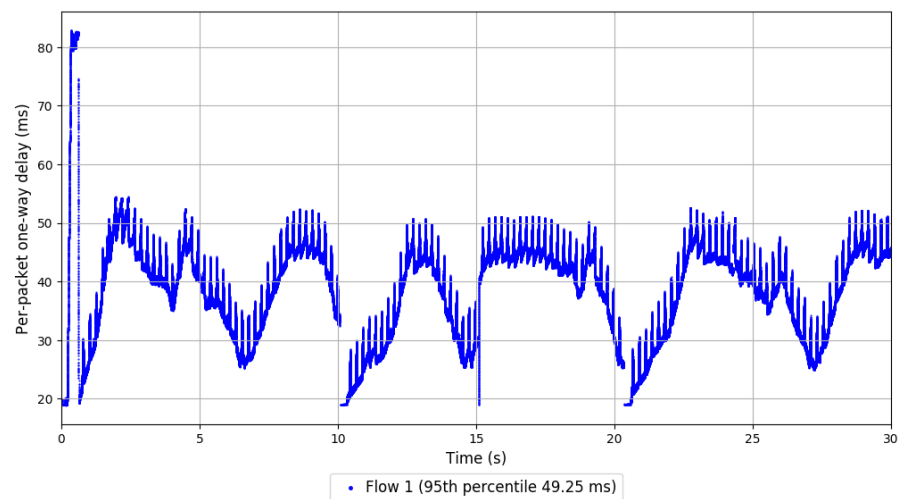
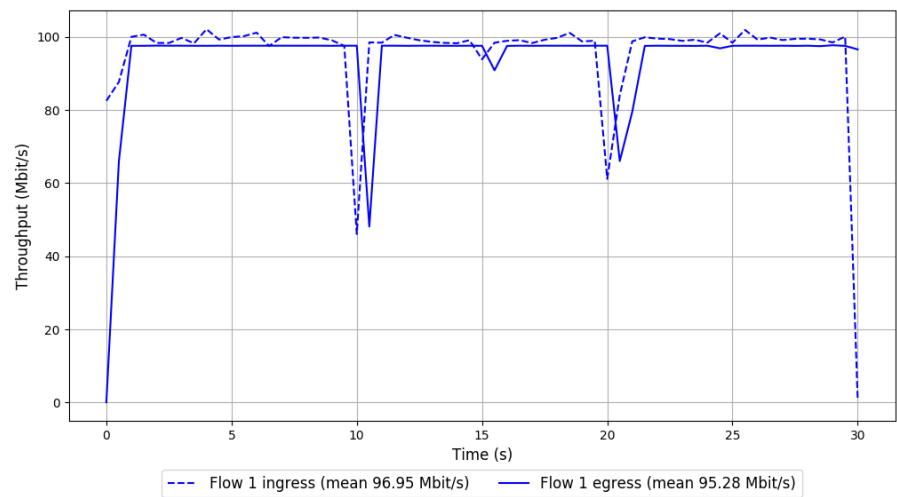
-- Flow 1:

Average throughput: 95.28 Mbit/s

95th percentile per-packet one-way delay: 49.250 ms

Loss rate: 1.82%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2019-07-18 05:56:43

End at: 2019-07-18 05:57:13

Local clock offset: -0.204 ms

Remote clock offset: -0.61 ms

Below is generated by plot.py at 2019-07-18 07:14:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.64 Mbit/s

95th percentile per-packet one-way delay: 45.715 ms

Loss rate: 1.30%

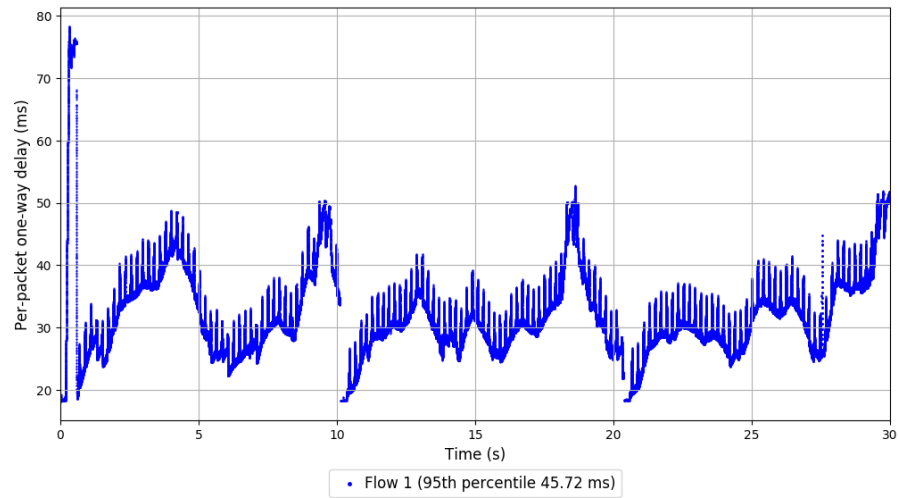
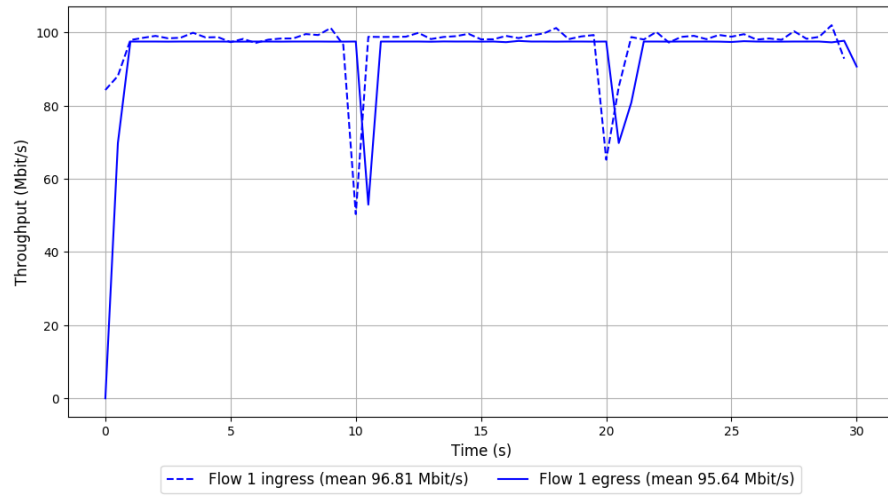
-- Flow 1:

Average throughput: 95.64 Mbit/s

95th percentile per-packet one-way delay: 45.715 ms

Loss rate: 1.30%

Run 3: Report of TCP BBR — Data Link

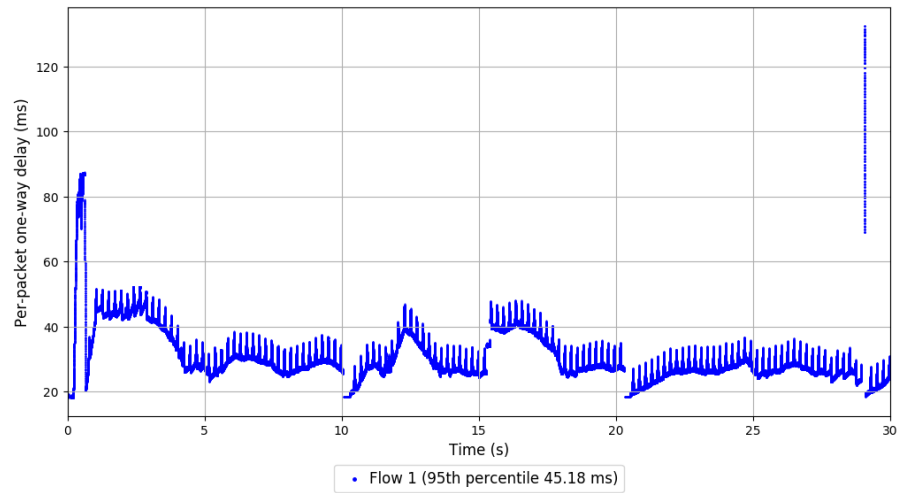
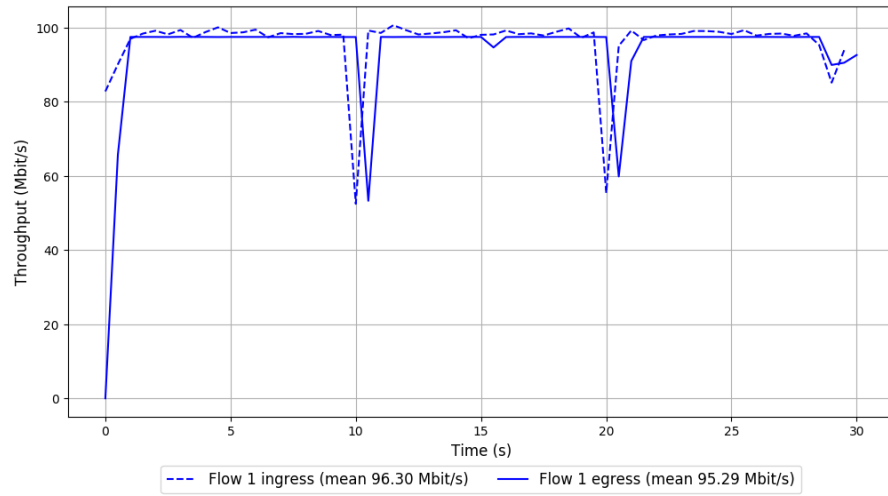


Run 4: Statistics of TCP BBR

Start at: 2019-07-18 06:26:19
End at: 2019-07-18 06:26:49
Local clock offset: -0.379 ms
Remote clock offset: -0.387 ms

Below is generated by plot.py at 2019-07-18 07:14:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.29 Mbit/s
95th percentile per-packet one-way delay: 45.183 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 95.29 Mbit/s
95th percentile per-packet one-way delay: 45.183 ms
Loss rate: 1.15%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2019-07-18 06:55:01

End at: 2019-07-18 06:55:31

Local clock offset: -0.871 ms

Remote clock offset: 0.003 ms

Below is generated by plot.py at 2019-07-18 07:14:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.65 Mbit/s

95th percentile per-packet one-way delay: 40.383 ms

Loss rate: 1.14%

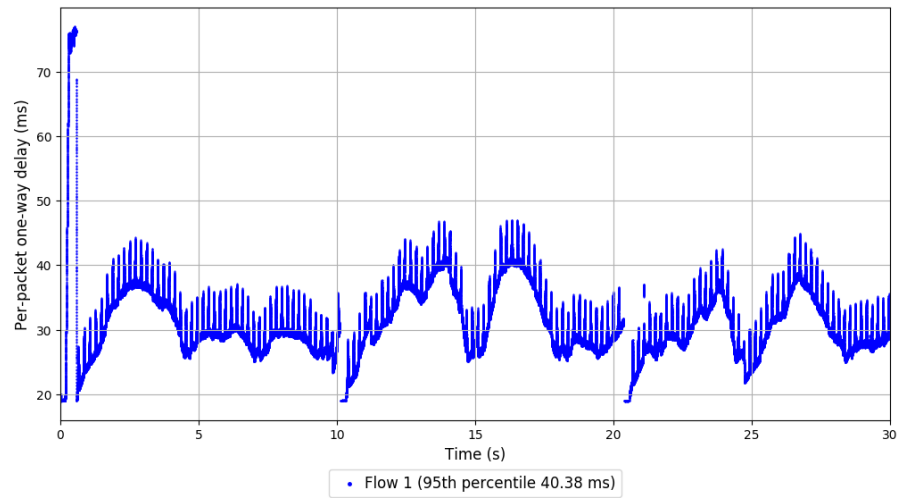
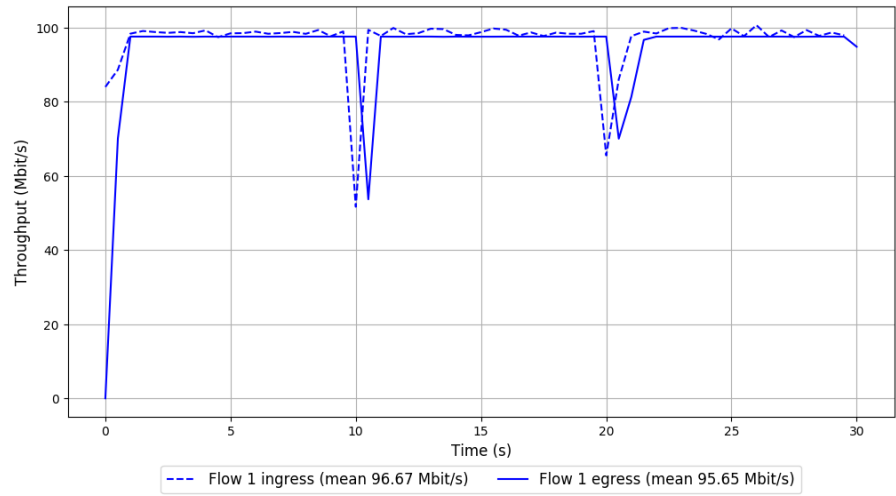
-- Flow 1:

Average throughput: 95.65 Mbit/s

95th percentile per-packet one-way delay: 40.383 ms

Loss rate: 1.14%

Run 5: Report of TCP BBR — Data Link

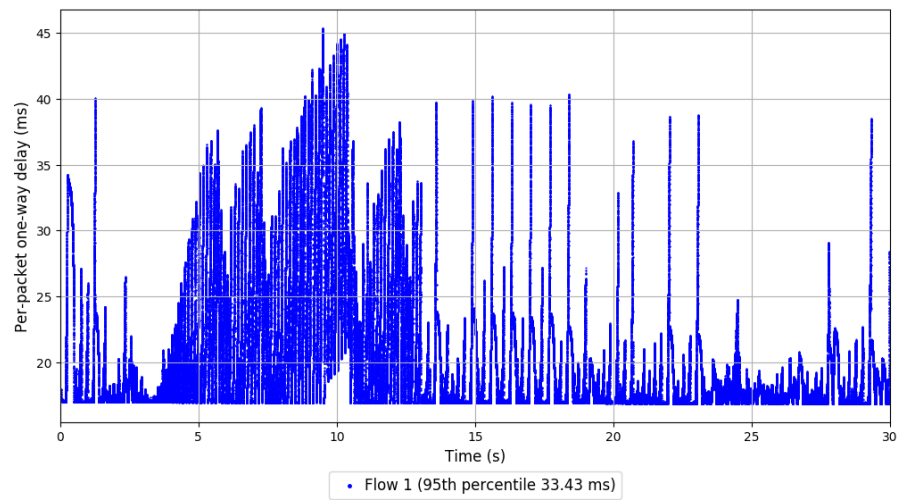
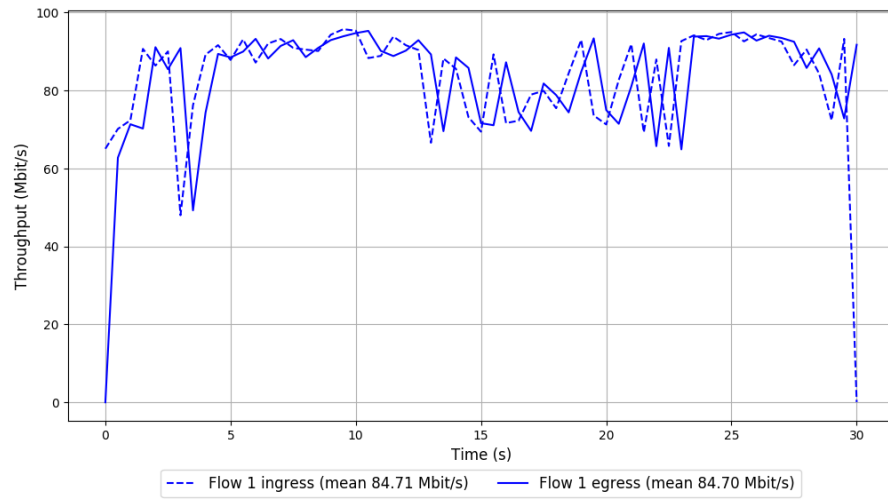


Run 1: Statistics of Copa

Start at: 2019-07-18 04:45:41
End at: 2019-07-18 04:46:11
Local clock offset: 5.635 ms
Remote clock offset: -4.057 ms

Below is generated by plot.py at 2019-07-18 07:15:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.70 Mbit/s
95th percentile per-packet one-way delay: 33.426 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 84.70 Mbit/s
95th percentile per-packet one-way delay: 33.426 ms
Loss rate: 0.10%

Run 1: Report of Copa — Data Link

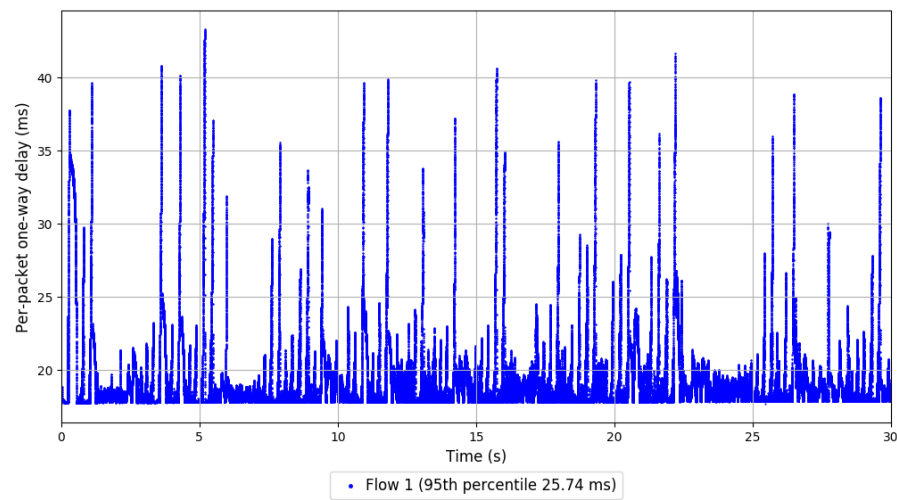
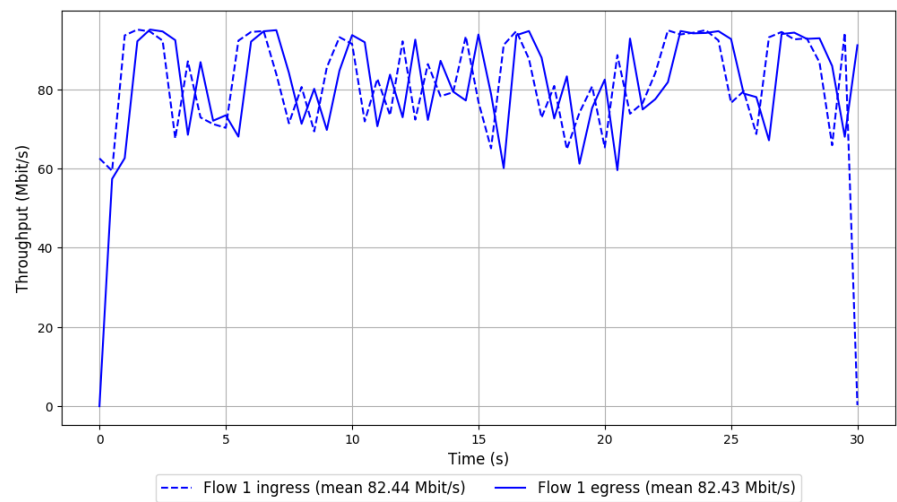


Run 2: Statistics of Copa

Start at: 2019-07-18 05:15:10
End at: 2019-07-18 05:15:40
Local clock offset: 0.909 ms
Remote clock offset: -0.661 ms

Below is generated by plot.py at 2019-07-18 07:15:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.43 Mbit/s
95th percentile per-packet one-way delay: 25.739 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 82.43 Mbit/s
95th percentile per-packet one-way delay: 25.739 ms
Loss rate: 0.11%

Run 2: Report of Copa — Data Link

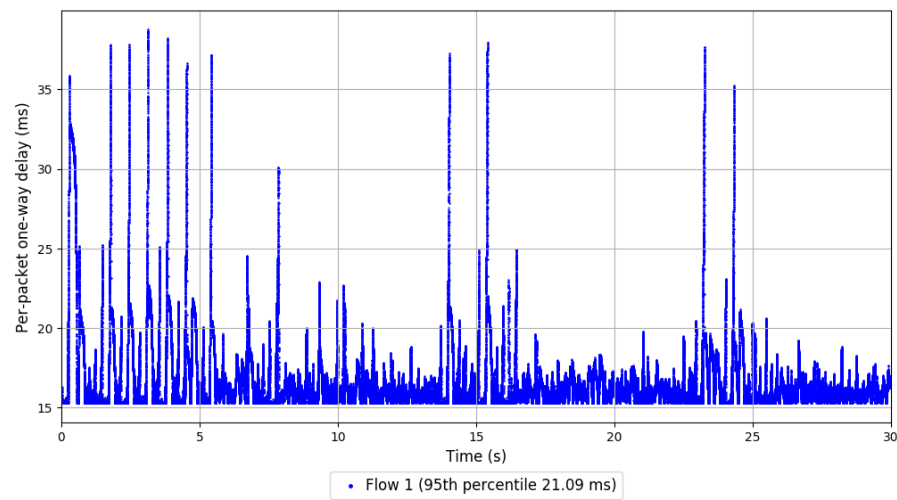
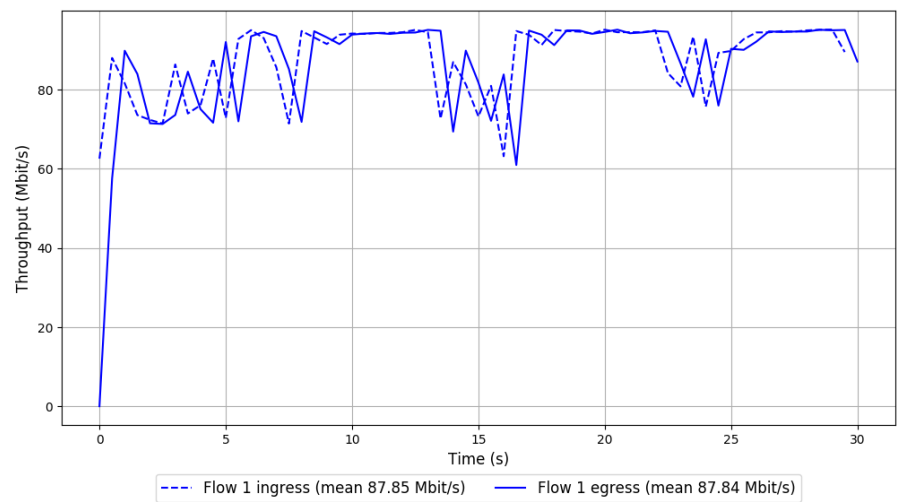


Run 3: Statistics of Copa

Start at: 2019-07-18 05:44:16
End at: 2019-07-18 05:44:46
Local clock offset: -5.579 ms
Remote clock offset: -2.922 ms

Below is generated by plot.py at 2019-07-18 07:15:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.84 Mbit/s
95th percentile per-packet one-way delay: 21.093 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 87.84 Mbit/s
95th percentile per-packet one-way delay: 21.093 ms
Loss rate: 0.10%

Run 3: Report of Copa — Data Link

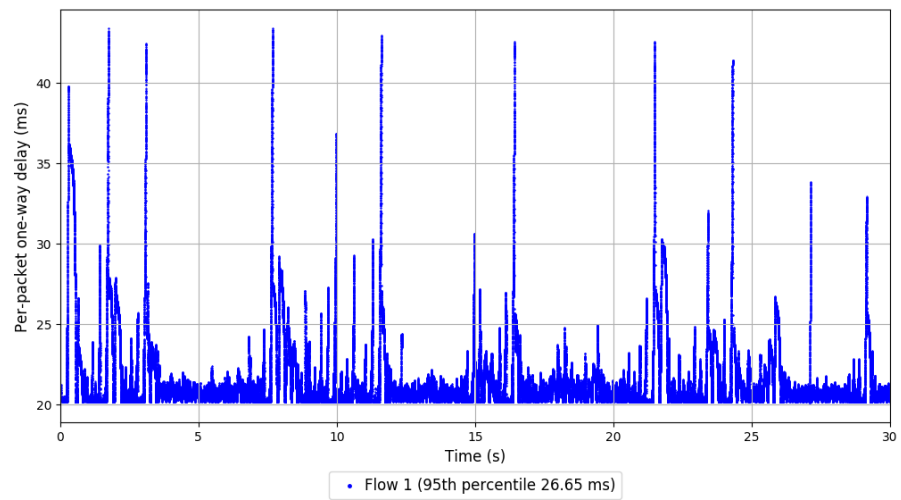
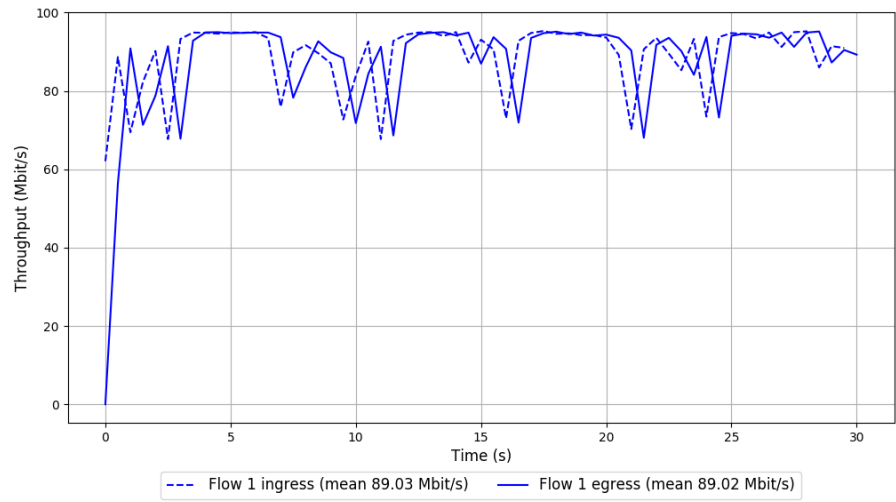


Run 4: Statistics of Copa

Start at: 2019-07-18 06:13:54
End at: 2019-07-18 06:14:24
Local clock offset: -0.226 ms
Remote clock offset: -2.971 ms

Below is generated by plot.py at 2019-07-18 07:16:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.02 Mbit/s
95th percentile per-packet one-way delay: 26.652 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 89.02 Mbit/s
95th percentile per-packet one-way delay: 26.652 ms
Loss rate: 0.10%

Run 4: Report of Copa — Data Link

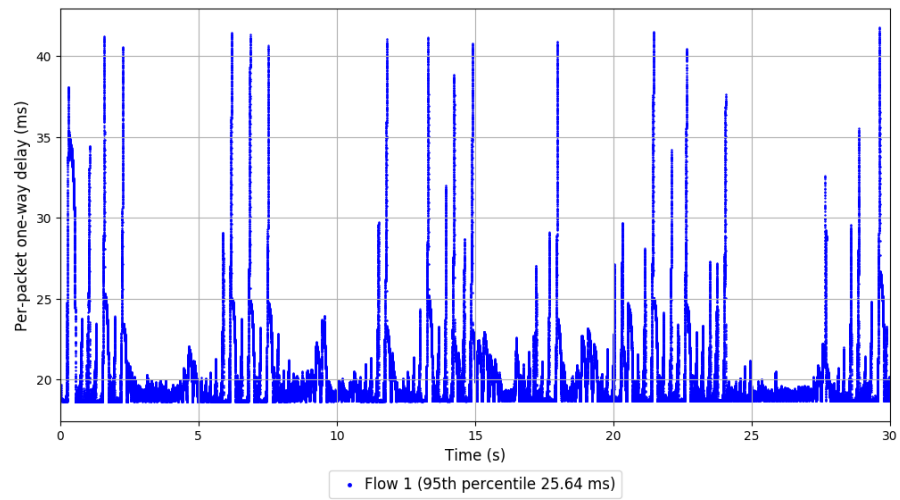
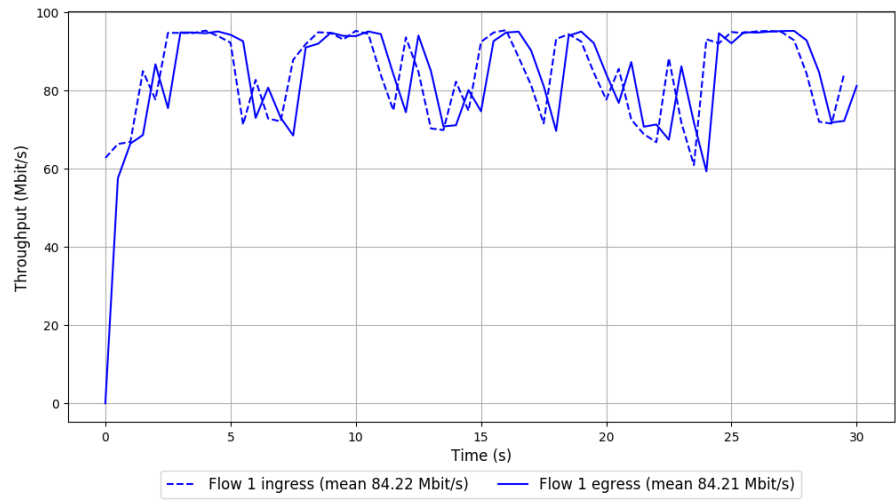


Run 5: Statistics of Copa

Start at: 2019-07-18 06:42:53
End at: 2019-07-18 06:43:23
Local clock offset: -1.096 ms
Remote clock offset: -0.143 ms

Below is generated by plot.py at 2019-07-18 07:16:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.21 Mbit/s
95th percentile per-packet one-way delay: 25.640 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 84.21 Mbit/s
95th percentile per-packet one-way delay: 25.640 ms
Loss rate: 0.11%

Run 5: Report of Copa — Data Link

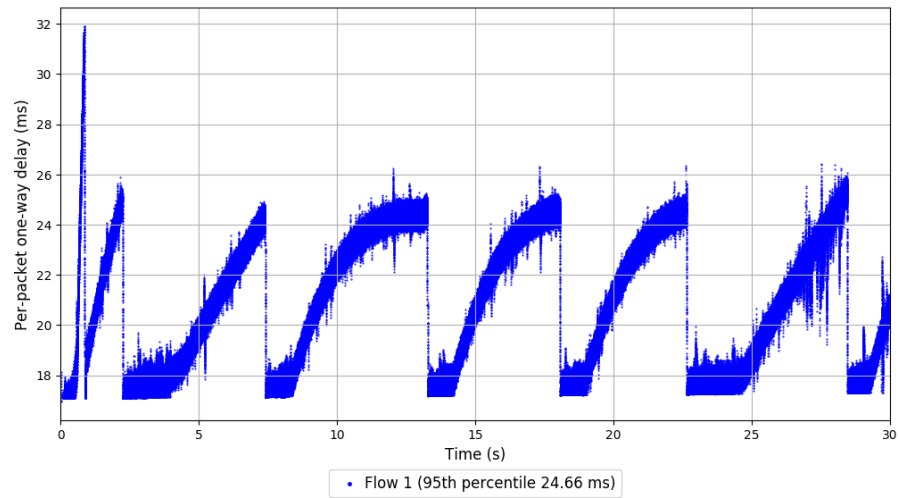
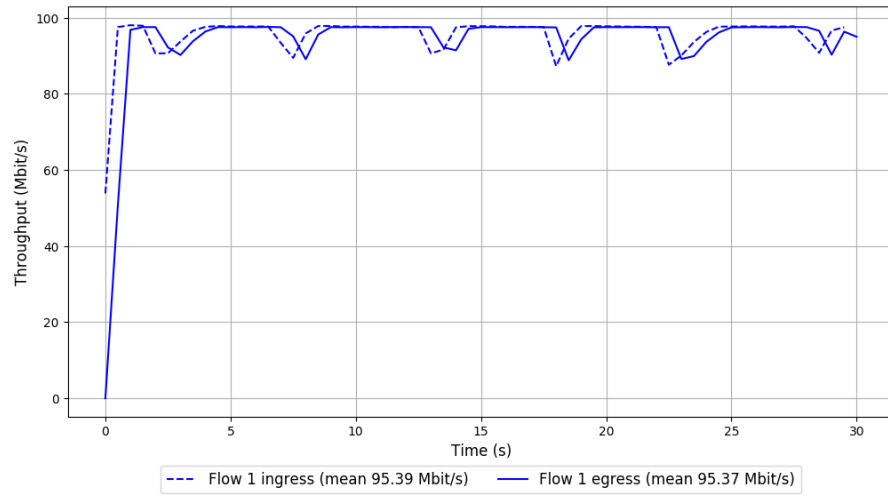


Run 1: Statistics of TCP Cubic

Start at: 2019-07-18 05:04:05
End at: 2019-07-18 05:04:35
Local clock offset: 2.355 ms
Remote clock offset: -1.754 ms

Below is generated by plot.py at 2019-07-18 07:16:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.37 Mbit/s
95th percentile per-packet one-way delay: 24.655 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 95.37 Mbit/s
95th percentile per-packet one-way delay: 24.655 ms
Loss rate: 0.11%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2019-07-18 05:33:24

End at: 2019-07-18 05:33:54

Local clock offset: 0.426 ms

Remote clock offset: -0.276 ms

Below is generated by plot.py at 2019-07-18 07:16:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.89 Mbit/s

95th percentile per-packet one-way delay: 26.094 ms

Loss rate: 0.12%

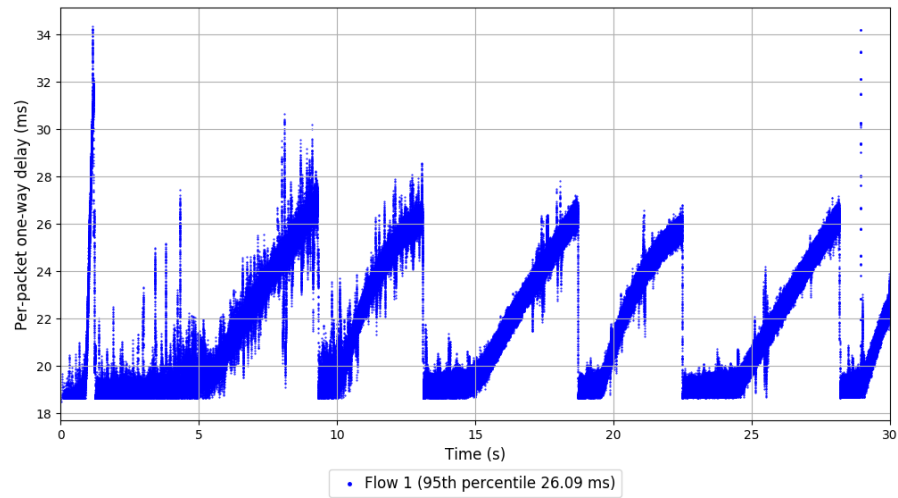
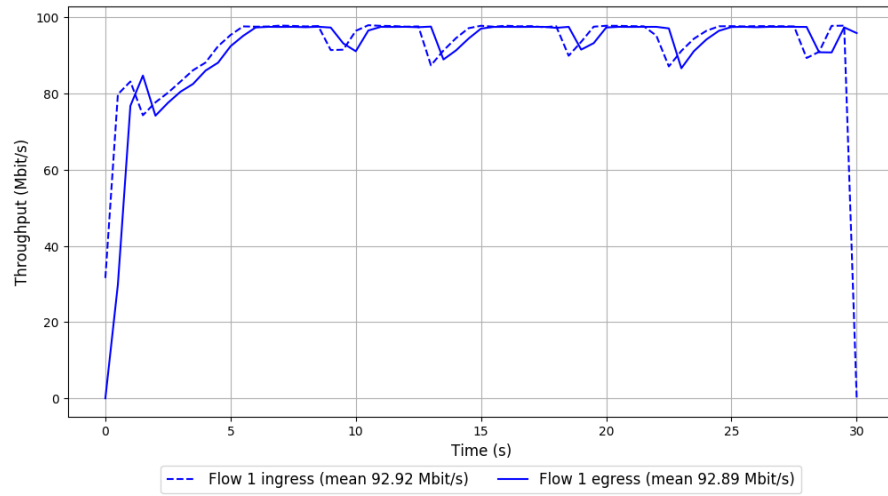
-- Flow 1:

Average throughput: 92.89 Mbit/s

95th percentile per-packet one-way delay: 26.094 ms

Loss rate: 0.12%

Run 2: Report of TCP Cubic — Data Link

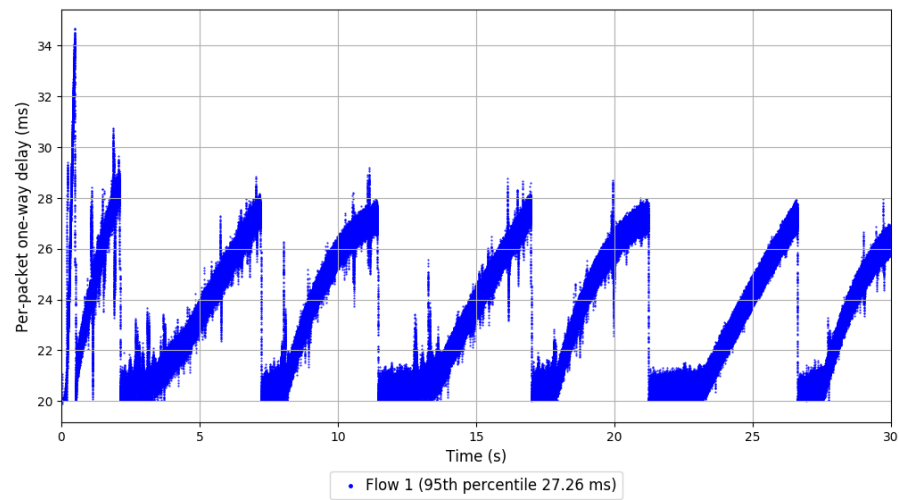
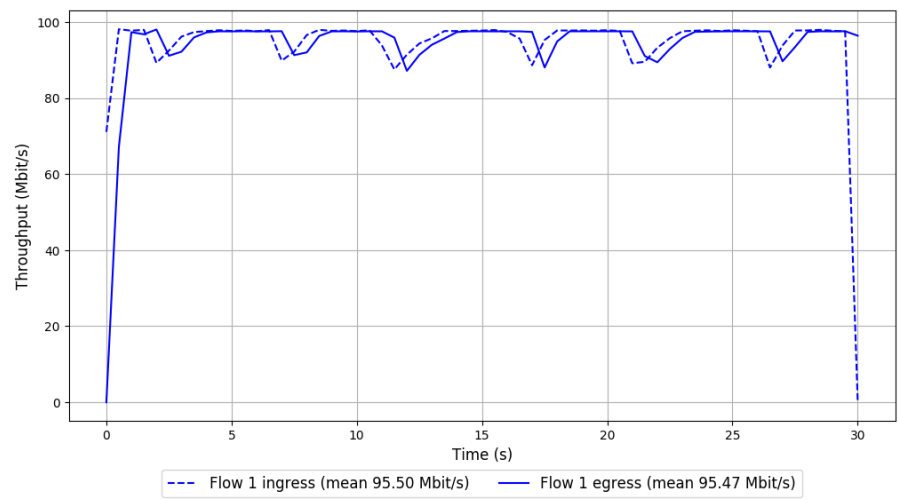


Run 3: Statistics of TCP Cubic

Start at: 2019-07-18 06:02:48
End at: 2019-07-18 06:03:18
Local clock offset: 0.504 ms
Remote clock offset: -2.051 ms

Below is generated by plot.py at 2019-07-18 07:16:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.47 Mbit/s
95th percentile per-packet one-way delay: 27.260 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 95.47 Mbit/s
95th percentile per-packet one-way delay: 27.260 ms
Loss rate: 0.12%

Run 3: Report of TCP Cubic — Data Link

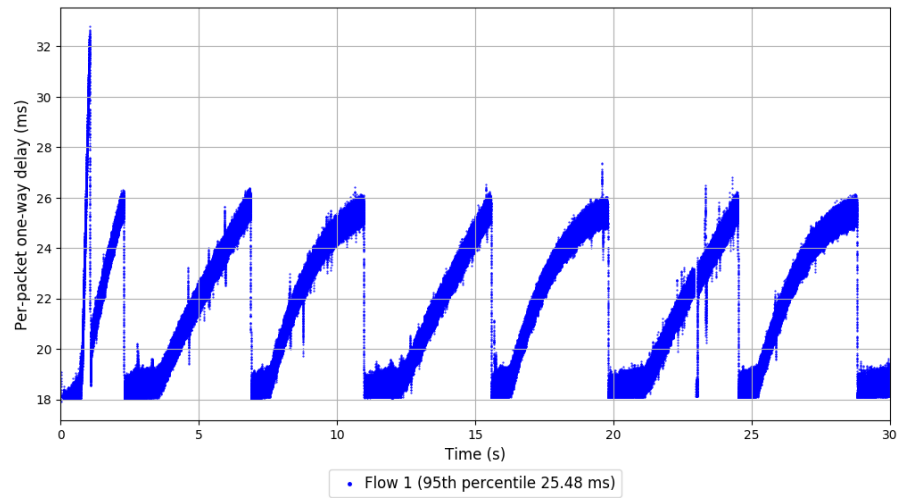
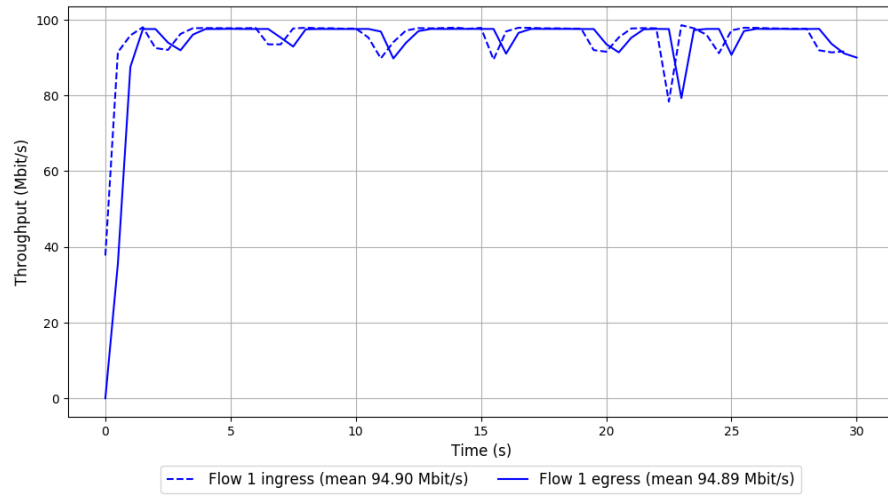


Run 4: Statistics of TCP Cubic

Start at: 2019-07-18 06:32:16
End at: 2019-07-18 06:32:46
Local clock offset: -0.899 ms
Remote clock offset: -0.098 ms

Below is generated by plot.py at 2019-07-18 07:16:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.89 Mbit/s
95th percentile per-packet one-way delay: 25.483 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 94.89 Mbit/s
95th percentile per-packet one-way delay: 25.483 ms
Loss rate: 0.09%

Run 4: Report of TCP Cubic — Data Link

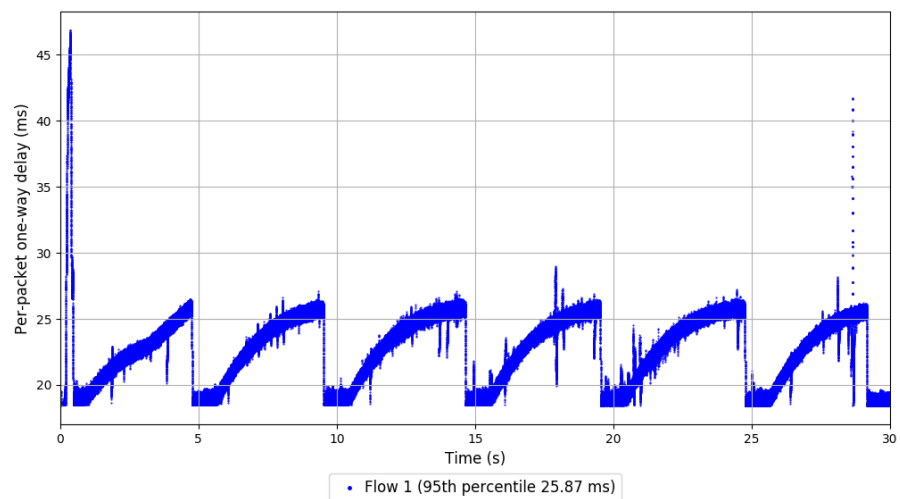
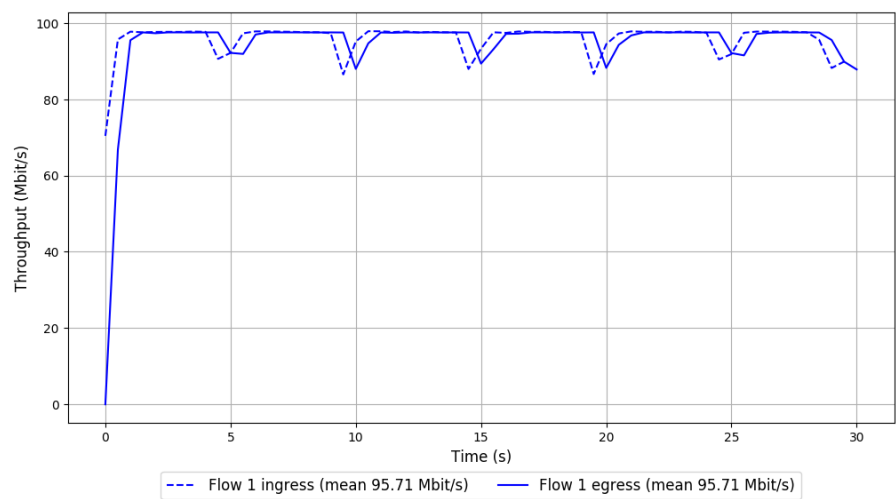


Run 5: Statistics of TCP Cubic

Start at: 2019-07-18 07:01:03
End at: 2019-07-18 07:01:33
Local clock offset: -0.46 ms
Remote clock offset: -0.274 ms

Below is generated by plot.py at 2019-07-18 07:16:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 25.869 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 25.869 ms
Loss rate: 0.10%

Run 5: Report of TCP Cubic — Data Link

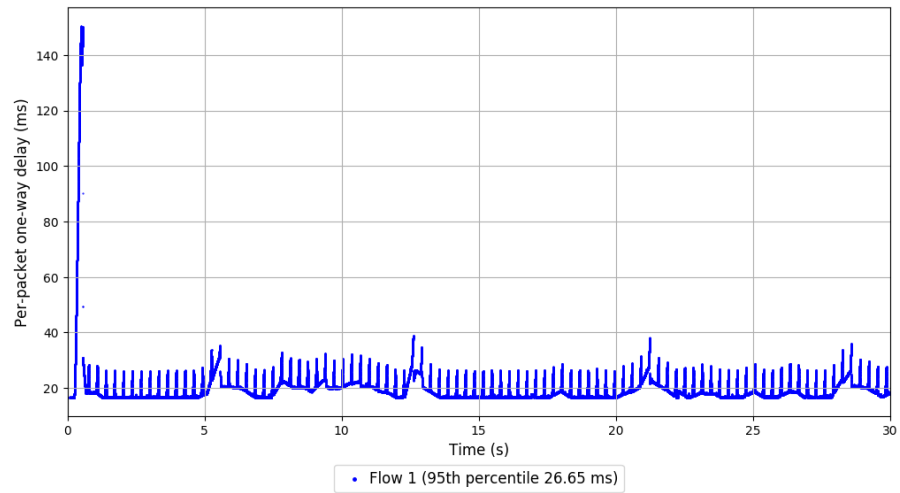
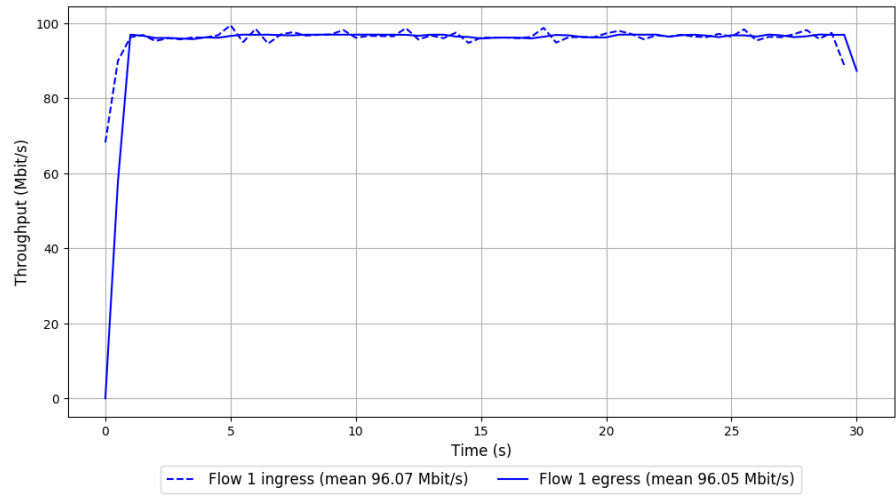


Run 1: Statistics of FillP

Start at: 2019-07-18 05:11:31
End at: 2019-07-18 05:12:01
Local clock offset: 0.42 ms
Remote clock offset: -0.798 ms

Below is generated by plot.py at 2019-07-18 07:16:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.05 Mbit/s
95th percentile per-packet one-way delay: 26.654 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 96.05 Mbit/s
95th percentile per-packet one-way delay: 26.654 ms
Loss rate: 0.11%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2019-07-18 05:40:44

End at: 2019-07-18 05:41:14

Local clock offset: -0.268 ms

Remote clock offset: 0.003 ms

Below is generated by plot.py at 2019-07-18 07:16:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.15 Mbit/s

95th percentile per-packet one-way delay: 32.697 ms

Loss rate: 0.14%

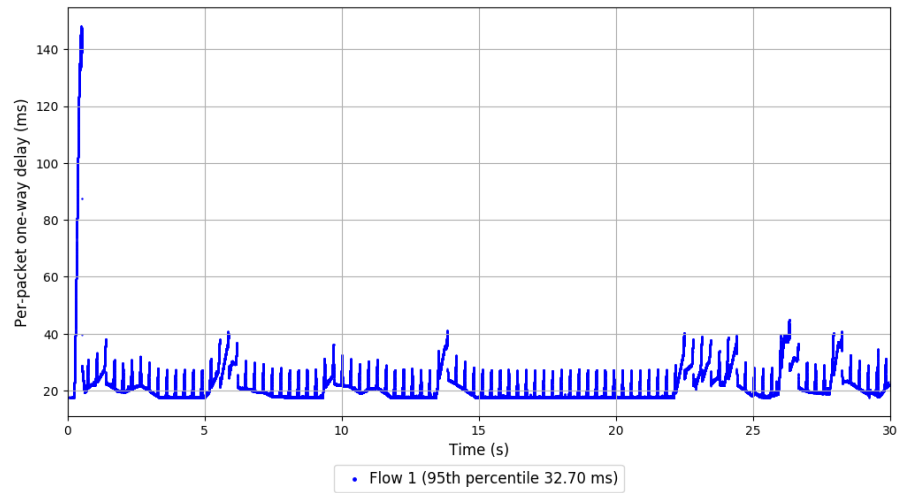
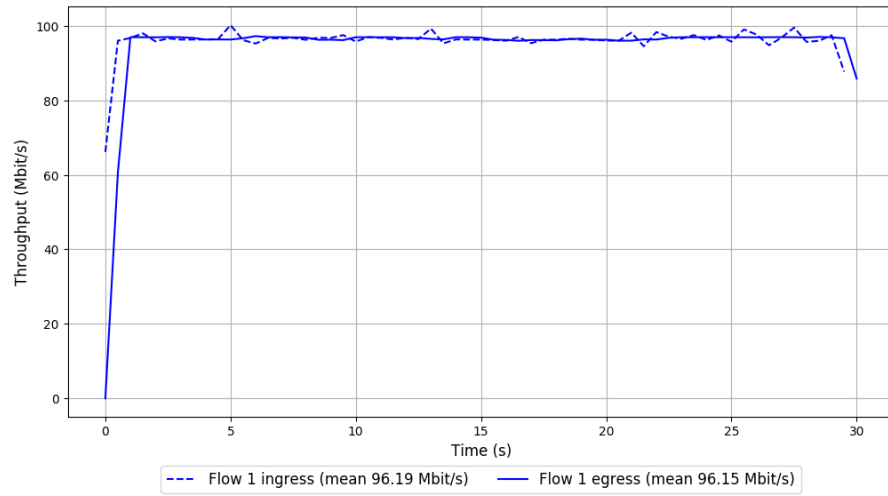
-- Flow 1:

Average throughput: 96.15 Mbit/s

95th percentile per-packet one-way delay: 32.697 ms

Loss rate: 0.14%

Run 2: Report of FillP — Data Link

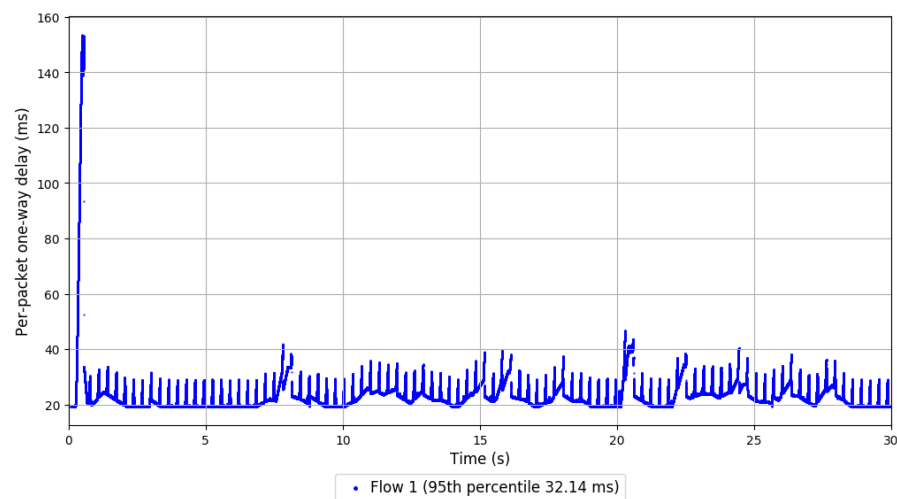
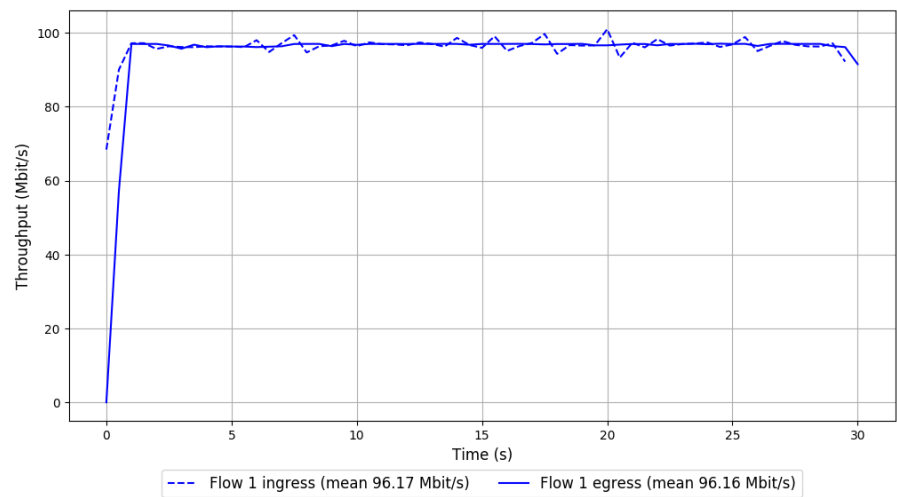


Run 3: Statistics of FillP

Start at: 2019-07-18 06:10:20
End at: 2019-07-18 06:10:50
Local clock offset: -0.552 ms
Remote clock offset: -2.439 ms

Below is generated by plot.py at 2019-07-18 07:16:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.16 Mbit/s
95th percentile per-packet one-way delay: 32.138 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 96.16 Mbit/s
95th percentile per-packet one-way delay: 32.138 ms
Loss rate: 0.10%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2019-07-18 06:39:22

End at: 2019-07-18 06:39:52

Local clock offset: -0.507 ms

Remote clock offset: 0.809 ms

Below is generated by plot.py at 2019-07-18 07:16:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.28 Mbit/s

95th percentile per-packet one-way delay: 36.267 ms

Loss rate: 0.23%

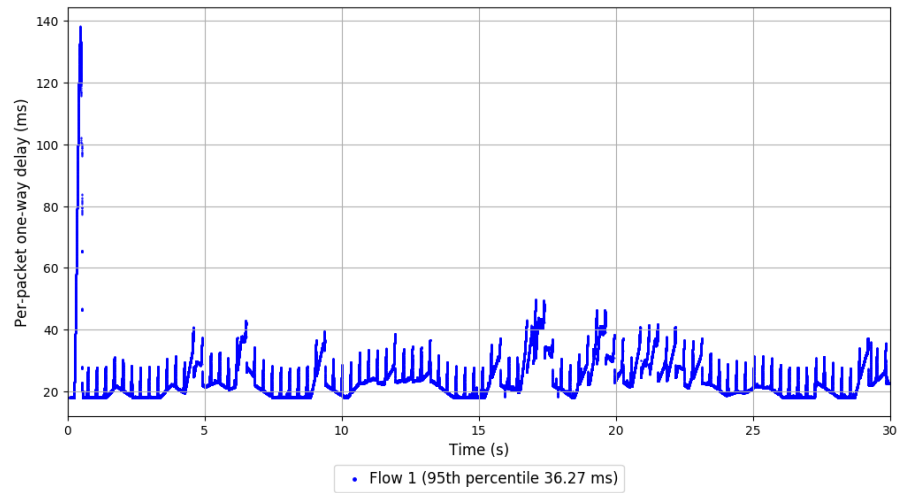
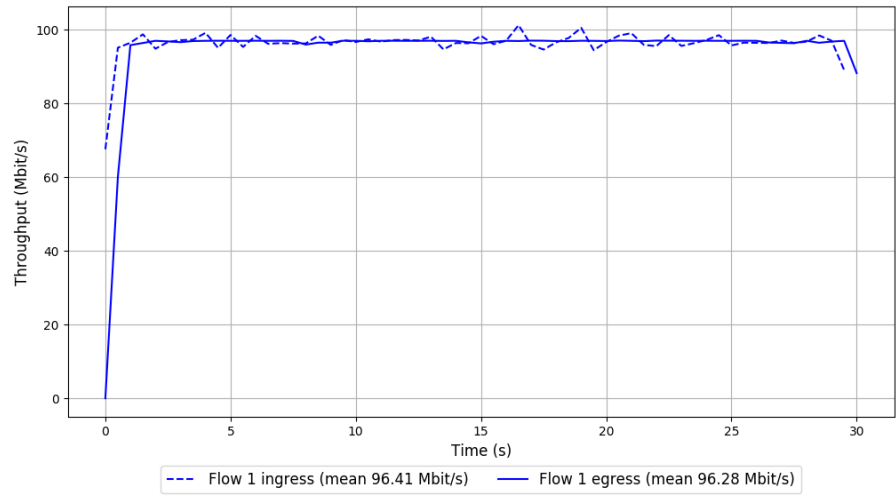
-- Flow 1:

Average throughput: 96.28 Mbit/s

95th percentile per-packet one-way delay: 36.267 ms

Loss rate: 0.23%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2019-07-18 07:08:07

End at: 2019-07-18 07:08:37

Local clock offset: 0.813 ms

Remote clock offset: 1.645 ms

Below is generated by plot.py at 2019-07-18 07:17:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.81 Mbit/s

95th percentile per-packet one-way delay: 25.788 ms

Loss rate: 0.11%

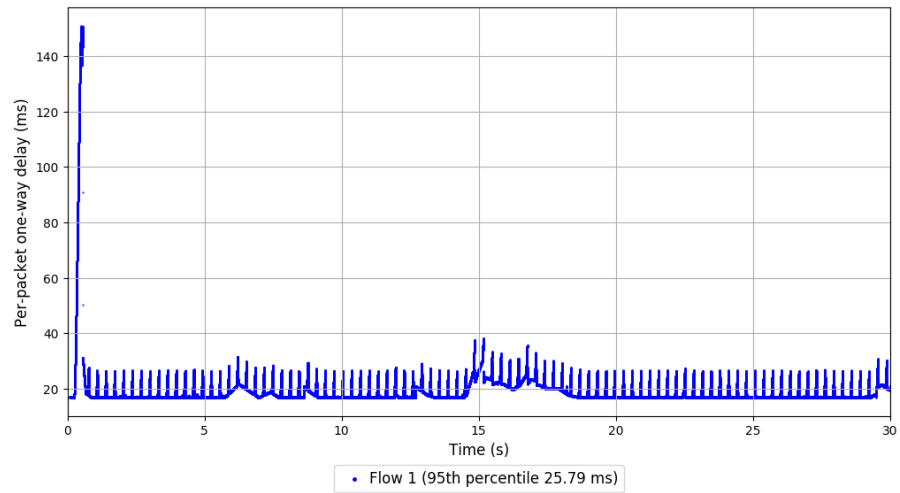
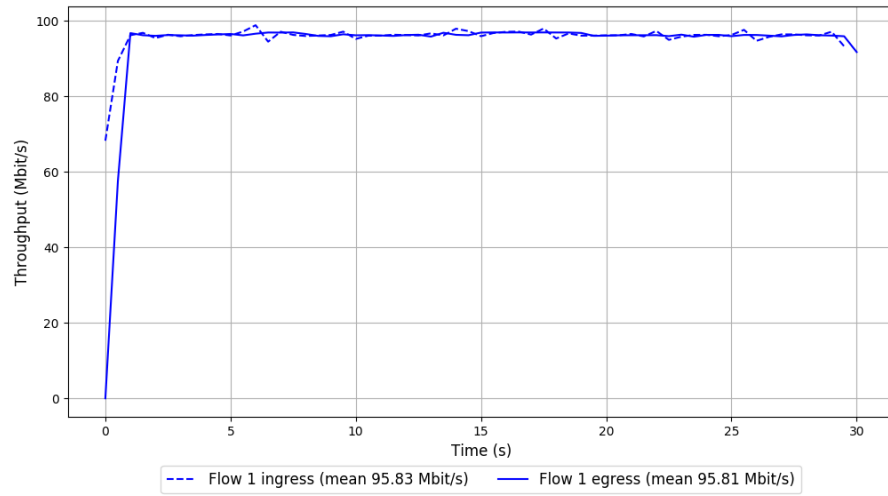
-- Flow 1:

Average throughput: 95.81 Mbit/s

95th percentile per-packet one-way delay: 25.788 ms

Loss rate: 0.11%

Run 5: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2019-07-18 04:55:22

End at: 2019-07-18 04:55:52

Local clock offset: 7.388 ms

Remote clock offset: -4.027 ms

Below is generated by plot.py at 2019-07-18 07:17:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.12 Mbit/s

95th percentile per-packet one-way delay: 22.745 ms

Loss rate: 0.11%

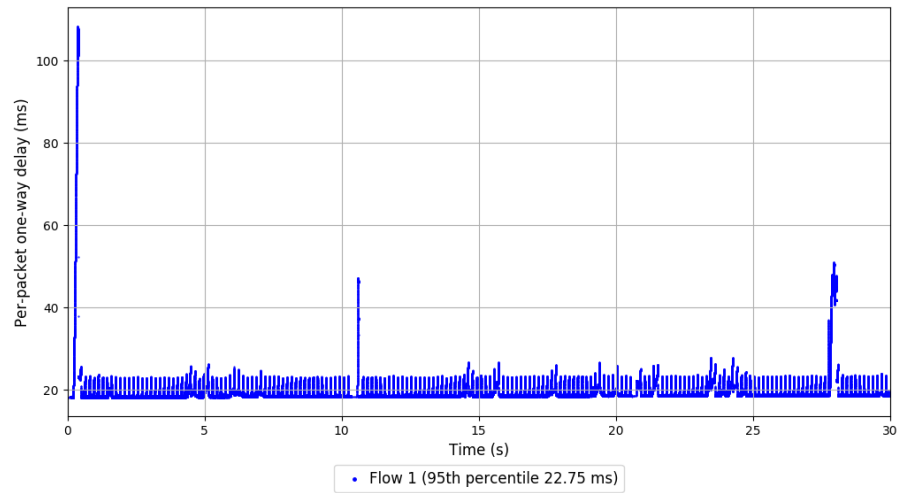
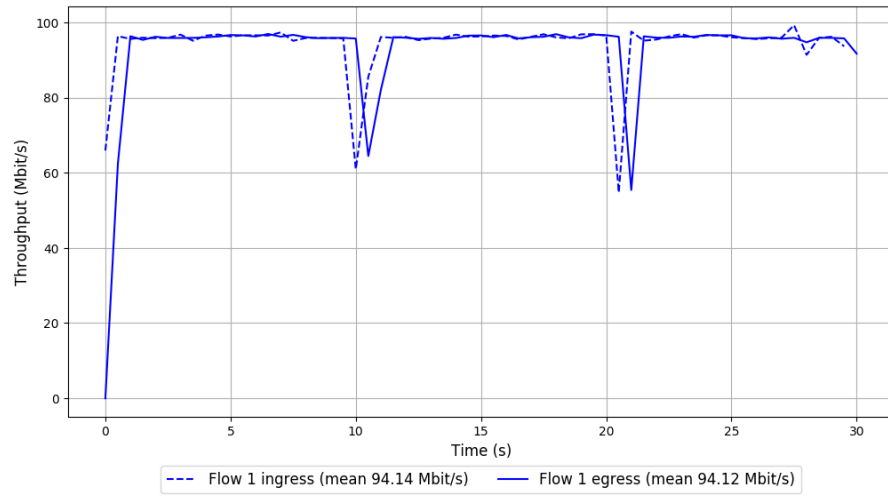
-- Flow 1:

Average throughput: 94.12 Mbit/s

95th percentile per-packet one-way delay: 22.745 ms

Loss rate: 0.11%

Run 1: Report of FillP-Sheep — Data Link

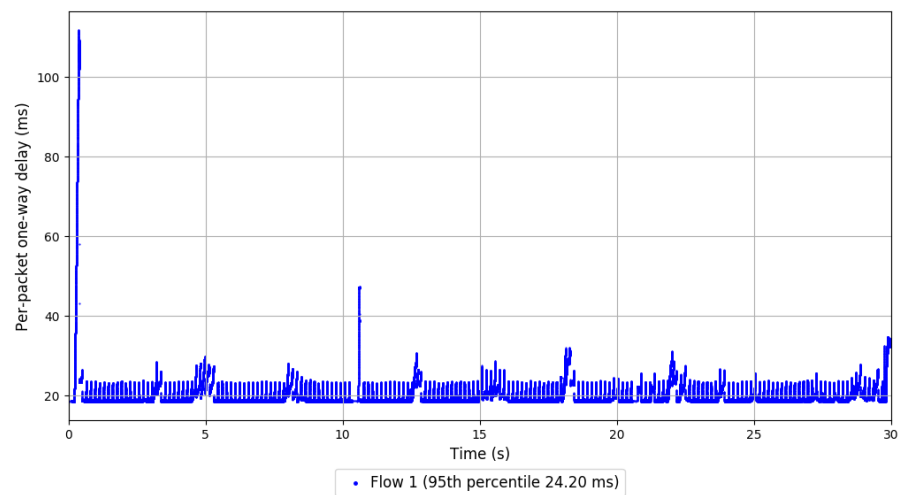
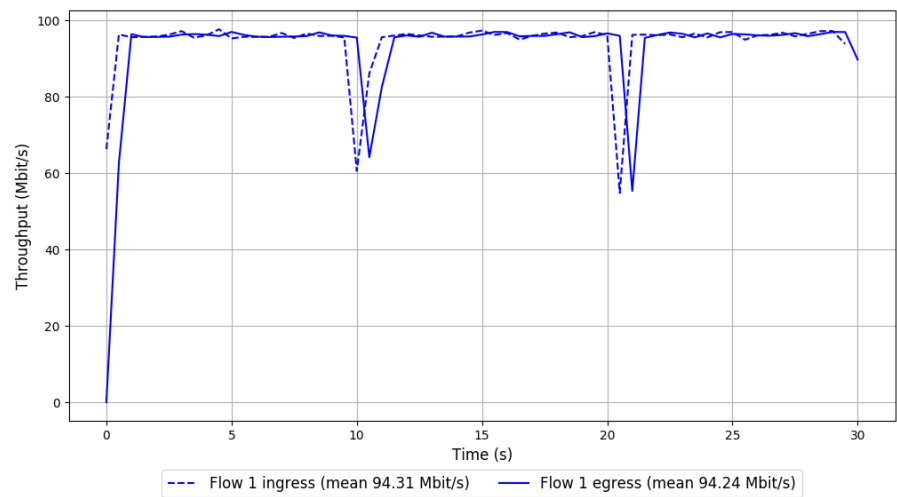


Run 2: Statistics of FillP-Sheep

Start at: 2019-07-18 05:24:56
End at: 2019-07-18 05:25:26
Local clock offset: 0.623 ms
Remote clock offset: -0.765 ms

Below is generated by plot.py at 2019-07-18 07:17:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.24 Mbit/s
95th percentile per-packet one-way delay: 24.199 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 94.24 Mbit/s
95th percentile per-packet one-way delay: 24.199 ms
Loss rate: 0.15%

Run 2: Report of FillP-Sheep — Data Link

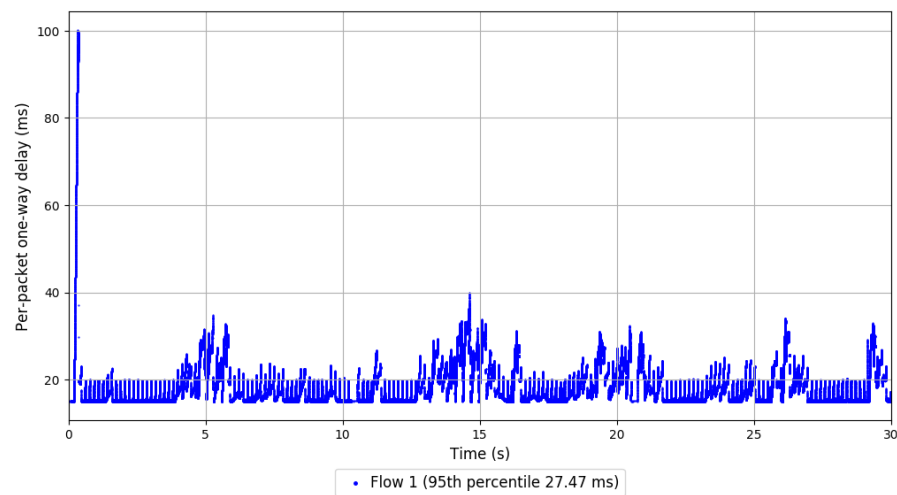
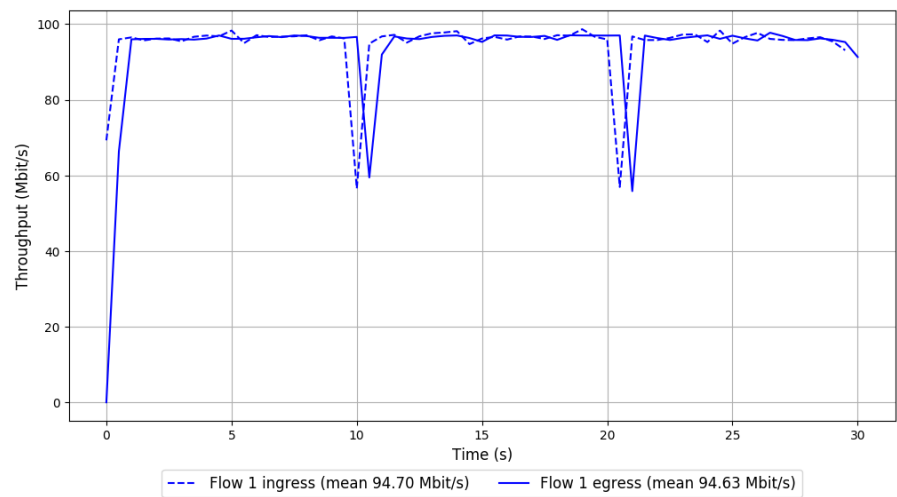


Run 3: Statistics of FillP-Sheep

Start at: 2019-07-18 05:54:13
End at: 2019-07-18 05:54:43
Local clock offset: -1.247 ms
Remote clock offset: 1.391 ms

Below is generated by plot.py at 2019-07-18 07:17:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.63 Mbit/s
95th percentile per-packet one-way delay: 27.467 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 94.63 Mbit/s
95th percentile per-packet one-way delay: 27.467 ms
Loss rate: 0.16%

Run 3: Report of FillP-Sheep — Data Link

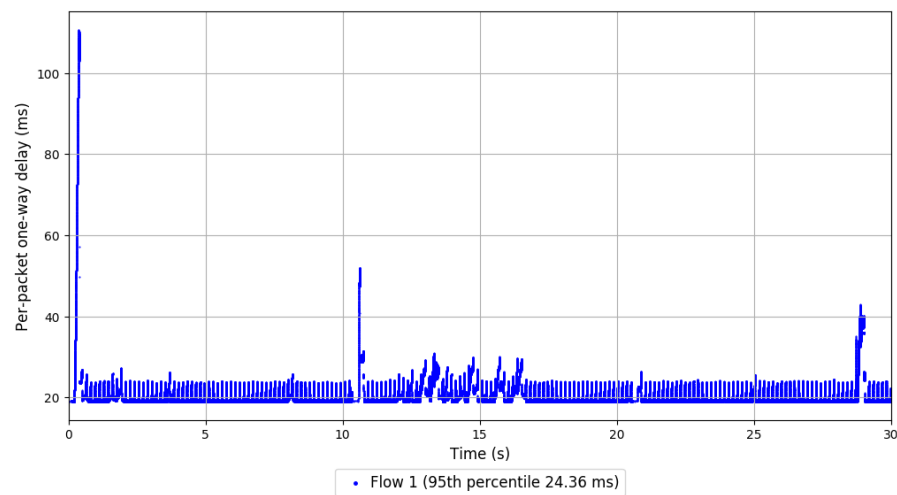
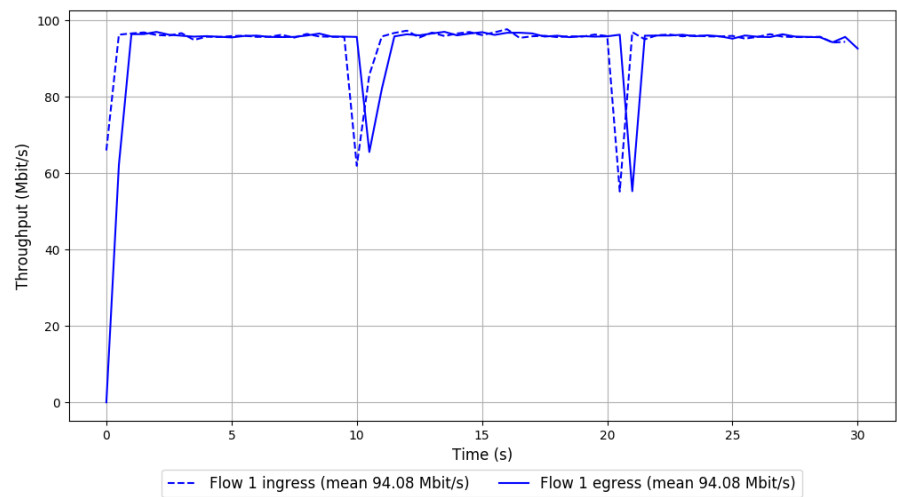


Run 4: Statistics of FillP-Sheep

Start at: 2019-07-18 06:23:40
End at: 2019-07-18 06:24:10
Local clock offset: -0.917 ms
Remote clock offset: -1.938 ms

Below is generated by plot.py at 2019-07-18 07:17:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.08 Mbit/s
95th percentile per-packet one-way delay: 24.360 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 94.08 Mbit/s
95th percentile per-packet one-way delay: 24.360 ms
Loss rate: 0.10%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2019-07-18 06:52:43

End at: 2019-07-18 06:53:13

Local clock offset: -0.327 ms

Remote clock offset: 0.245 ms

Below is generated by plot.py at 2019-07-18 07:18:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.21 Mbit/s

95th percentile per-packet one-way delay: 24.749 ms

Loss rate: 0.10%

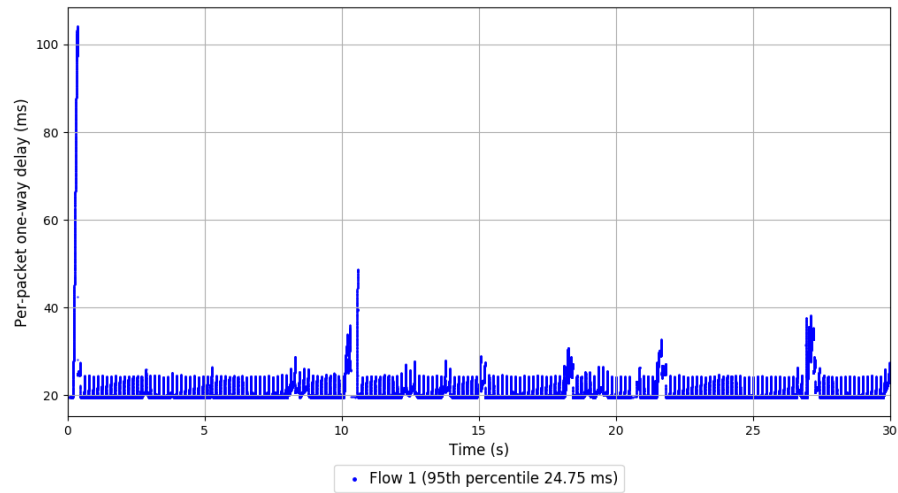
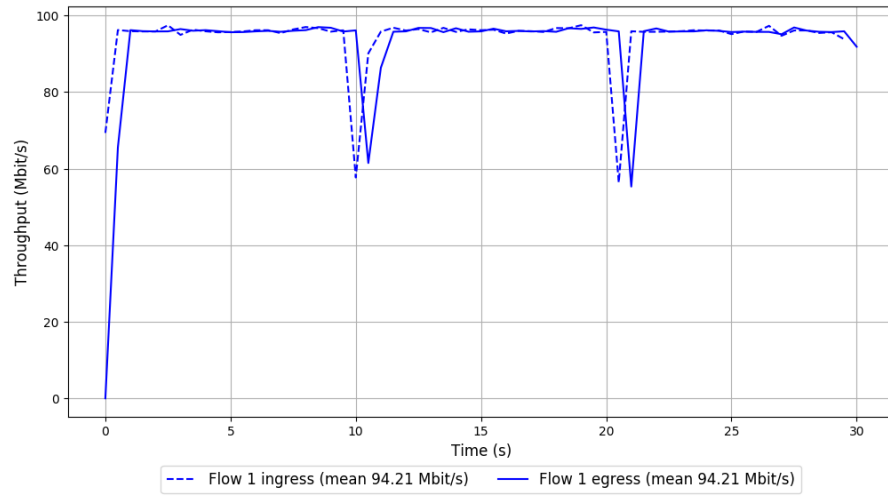
-- Flow 1:

Average throughput: 94.21 Mbit/s

95th percentile per-packet one-way delay: 24.749 ms

Loss rate: 0.10%

Run 5: Report of FillP-Sheep — Data Link

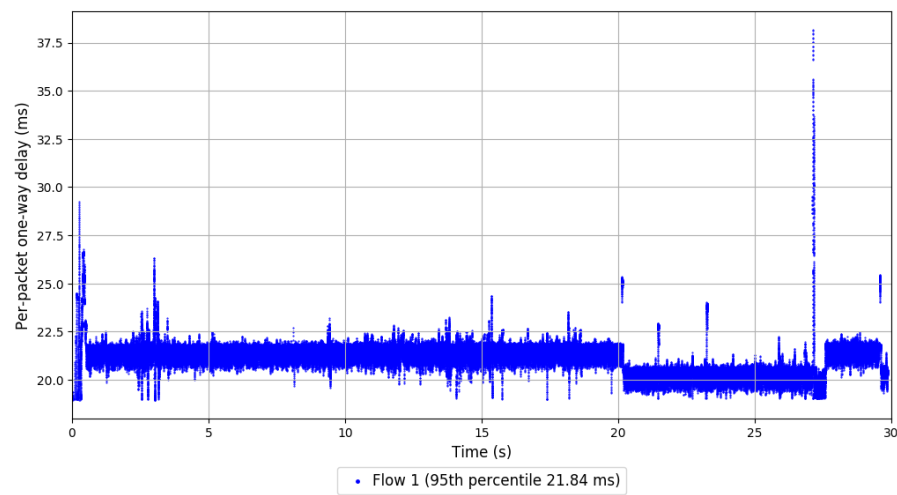
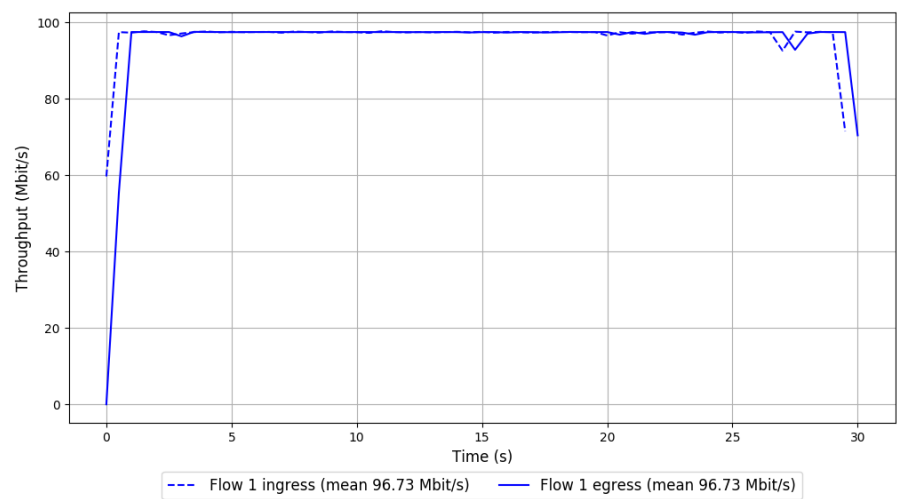


Run 1: Statistics of Indigo

Start at: 2019-07-18 05:13:53
End at: 2019-07-18 05:14:23
Local clock offset: 1.98 ms
Remote clock offset: -1.047 ms

Below is generated by plot.py at 2019-07-18 07:18:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.73 Mbit/s
95th percentile per-packet one-way delay: 21.838 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 96.73 Mbit/s
95th percentile per-packet one-way delay: 21.838 ms
Loss rate: 0.09%

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2019-07-18 05:43:04

End at: 2019-07-18 05:43:34

Local clock offset: -0.443 ms

Remote clock offset: 0.793 ms

Below is generated by plot.py at 2019-07-18 07:18:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.60 Mbit/s

95th percentile per-packet one-way delay: 19.026 ms

Loss rate: 0.10%

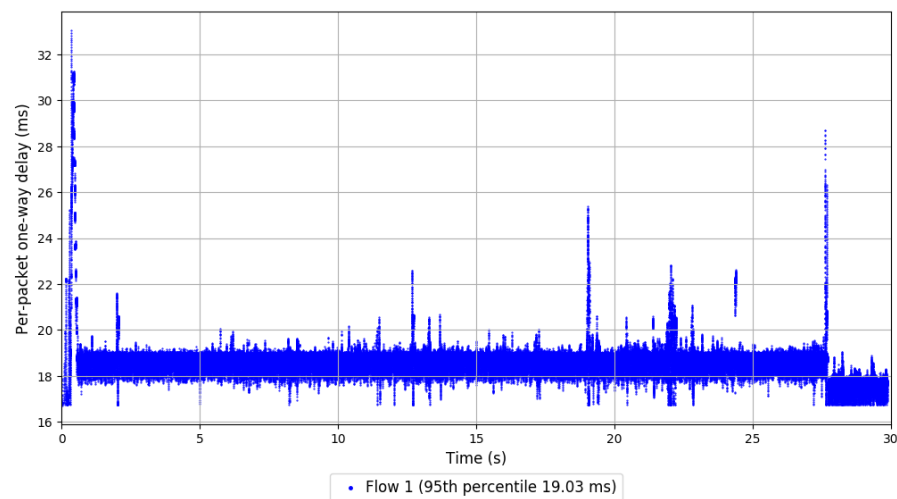
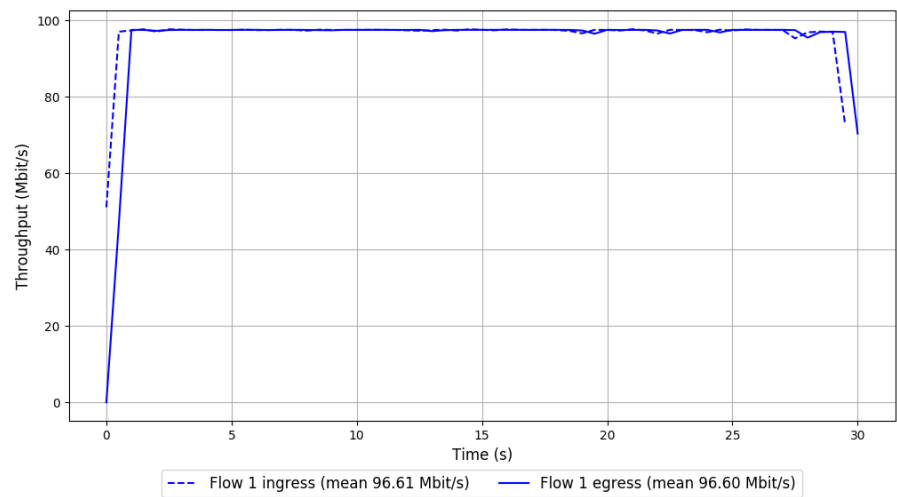
-- Flow 1:

Average throughput: 96.60 Mbit/s

95th percentile per-packet one-way delay: 19.026 ms

Loss rate: 0.10%

Run 2: Report of Indigo — Data Link

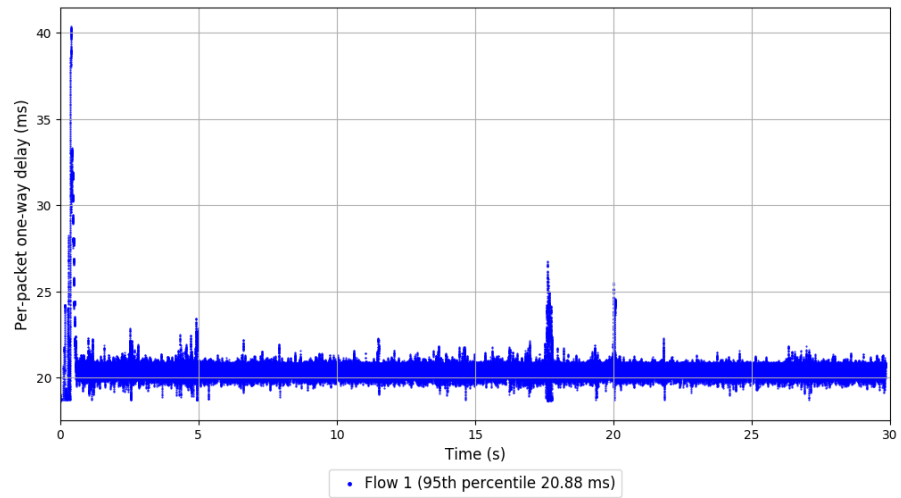
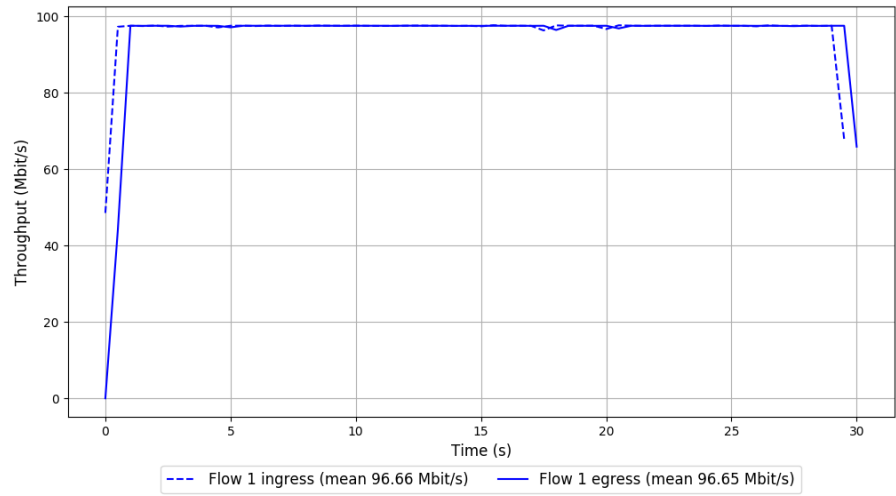


Run 3: Statistics of Indigo

Start at: 2019-07-18 06:12:38
End at: 2019-07-18 06:13:08
Local clock offset: -0.974 ms
Remote clock offset: -2.219 ms

Below is generated by plot.py at 2019-07-18 07:18:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.65 Mbit/s
95th percentile per-packet one-way delay: 20.882 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 96.65 Mbit/s
95th percentile per-packet one-way delay: 20.882 ms
Loss rate: 0.10%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2019-07-18 06:41:38

End at: 2019-07-18 06:42:08

Local clock offset: -1.039 ms

Remote clock offset: 0.99 ms

Below is generated by plot.py at 2019-07-18 07:18:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.33 Mbit/s

95th percentile per-packet one-way delay: 19.722 ms

Loss rate: 0.10%

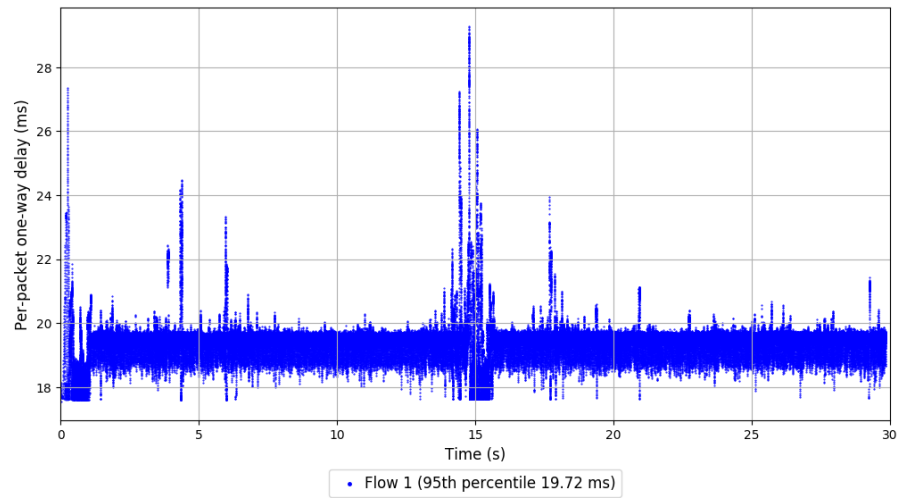
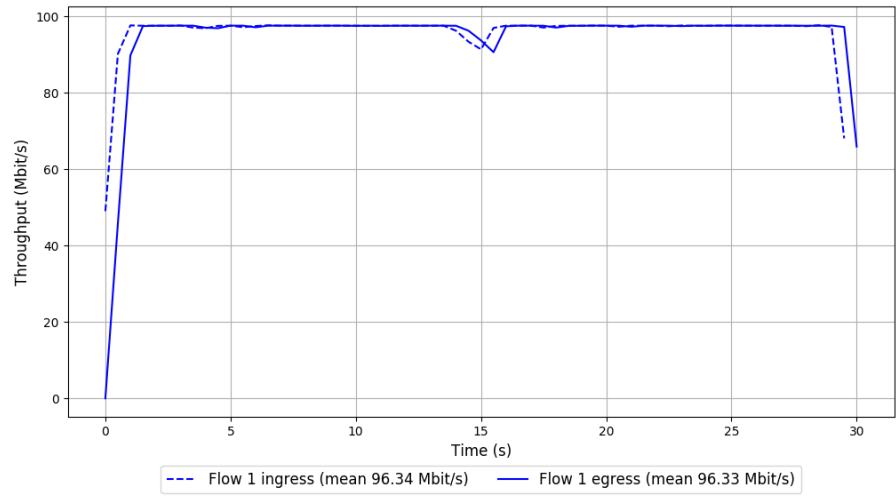
-- Flow 1:

Average throughput: 96.33 Mbit/s

95th percentile per-packet one-way delay: 19.722 ms

Loss rate: 0.10%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2019-07-18 07:10:21

End at: 2019-07-18 07:10:51

Local clock offset: 1.448 ms

Remote clock offset: 1.647 ms

Below is generated by plot.py at 2019-07-18 07:18:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.71 Mbit/s

95th percentile per-packet one-way delay: 19.056 ms

Loss rate: 0.09%

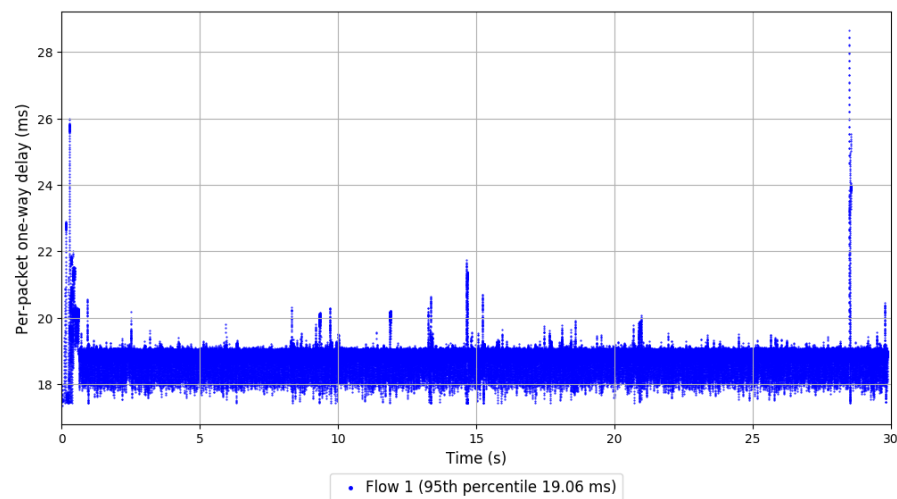
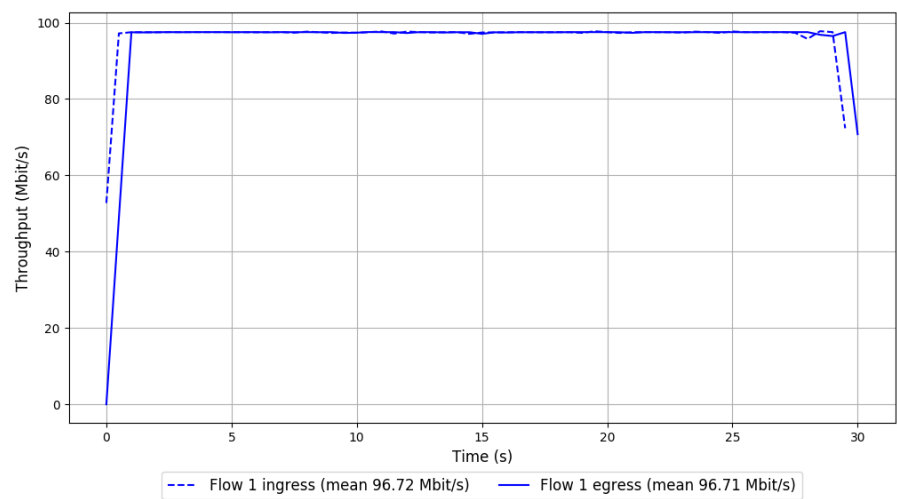
-- Flow 1:

Average throughput: 96.71 Mbit/s

95th percentile per-packet one-way delay: 19.056 ms

Loss rate: 0.09%

Run 5: Report of Indigo — Data Link



Run 1: Statistics of Indigo-MusesC3

Start at: 2019-07-18 05:08:56

End at: 2019-07-18 05:09:26

Local clock offset: 1.781 ms

Remote clock offset: -3.29 ms

Below is generated by plot.py at 2019-07-18 07:18:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.36 Mbit/s

95th percentile per-packet one-way delay: 23.398 ms

Loss rate: 0.11%

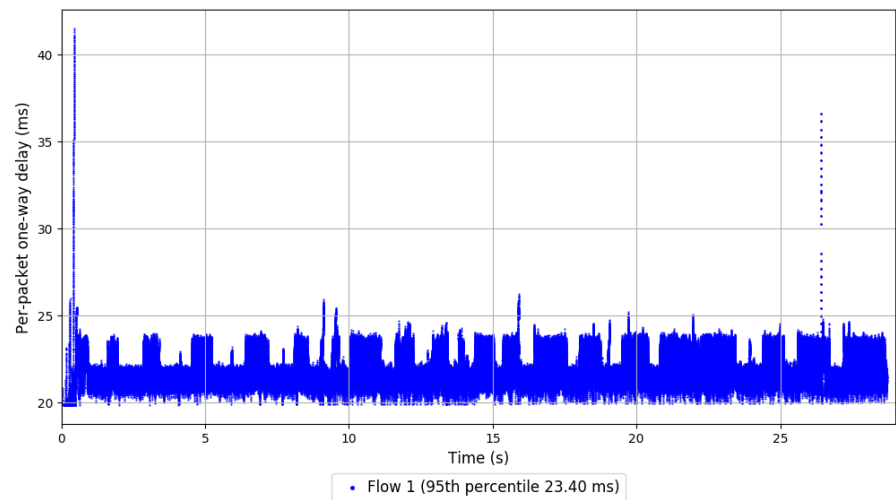
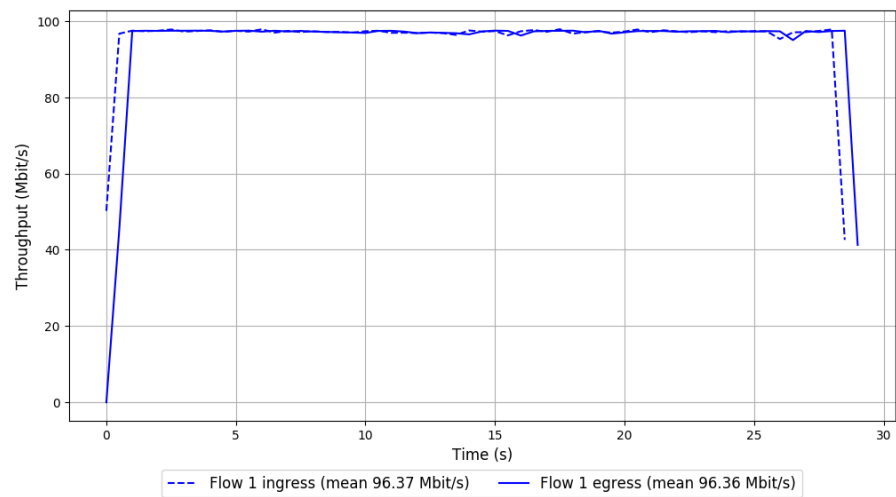
-- Flow 1:

Average throughput: 96.36 Mbit/s

95th percentile per-packet one-way delay: 23.398 ms

Loss rate: 0.11%

Run 1: Report of Indigo-MusesC3 — Data Link

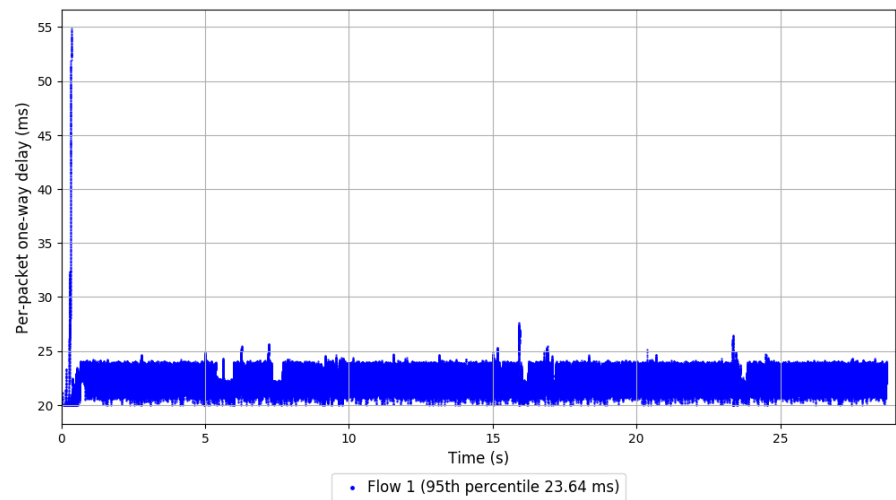
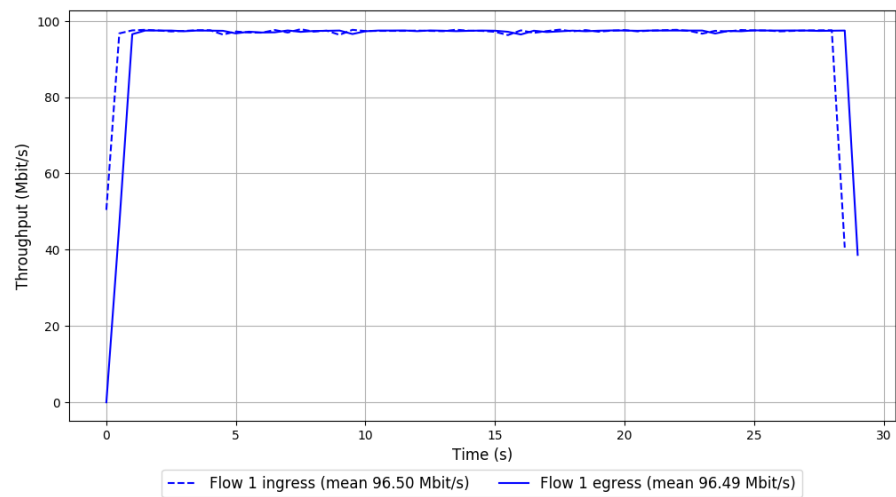


Run 2: Statistics of Indigo-MusesC3

Start at: 2019-07-18 05:38:08
End at: 2019-07-18 05:38:38
Local clock offset: -0.203 ms
Remote clock offset: -2.217 ms

Below is generated by plot.py at 2019-07-18 07:19:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.49 Mbit/s
95th percentile per-packet one-way delay: 23.637 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 96.49 Mbit/s
95th percentile per-packet one-way delay: 23.637 ms
Loss rate: 0.11%

Run 2: Report of Indigo-MusesC3 — Data Link

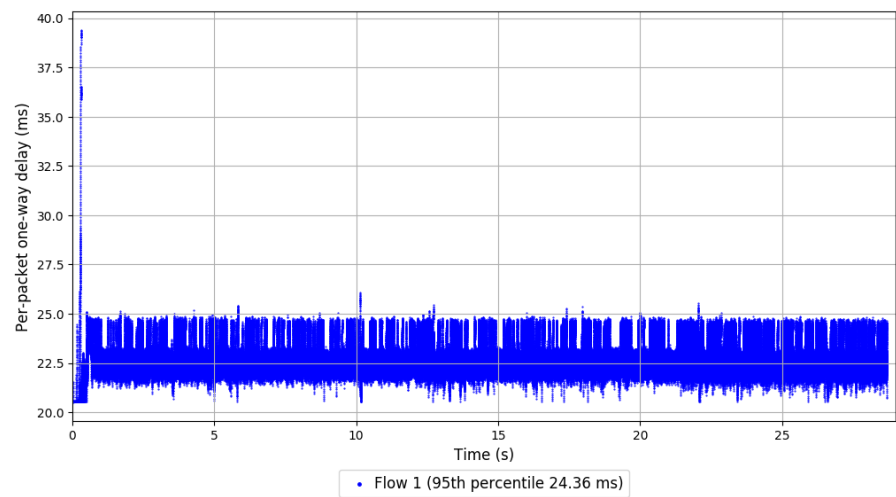
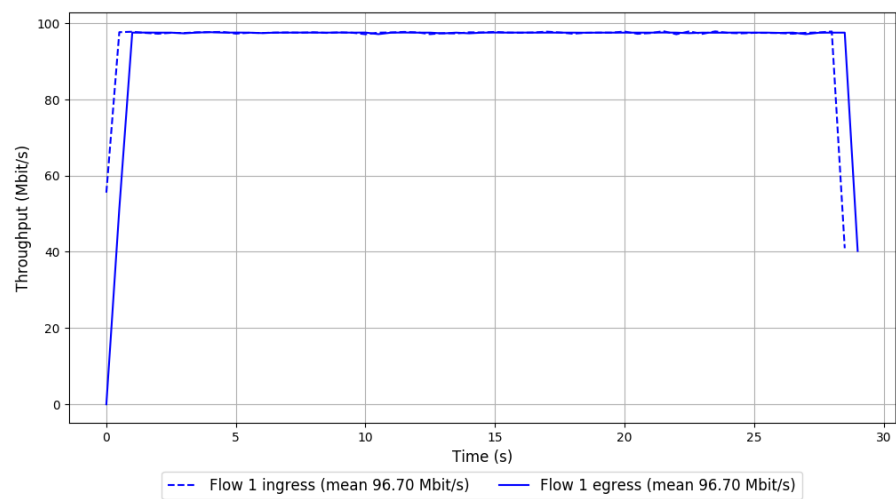


Run 3: Statistics of Indigo-MusesC3

Start at: 2019-07-18 06:07:31
End at: 2019-07-18 06:08:01
Local clock offset: 0.1 ms
Remote clock offset: -2.867 ms

Below is generated by plot.py at 2019-07-18 07:19:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.70 Mbit/s
95th percentile per-packet one-way delay: 24.358 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 96.70 Mbit/s
95th percentile per-packet one-way delay: 24.358 ms
Loss rate: 0.10%

Run 3: Report of Indigo-MusesC3 — Data Link

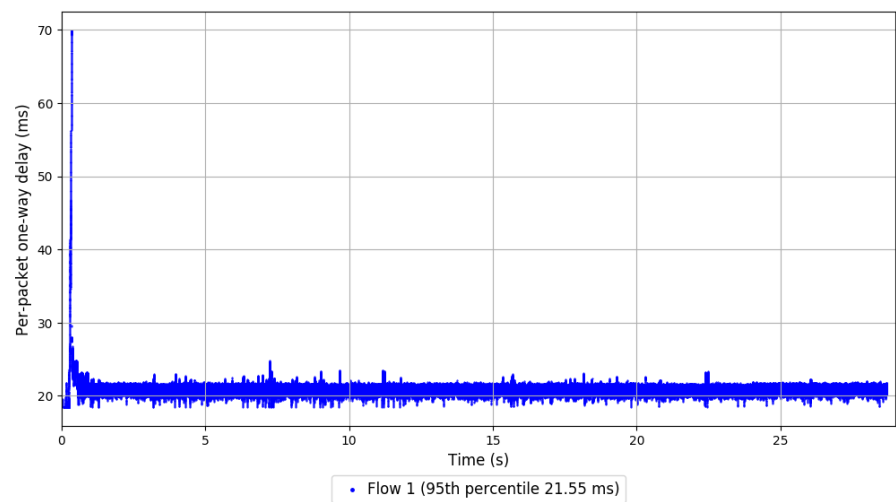
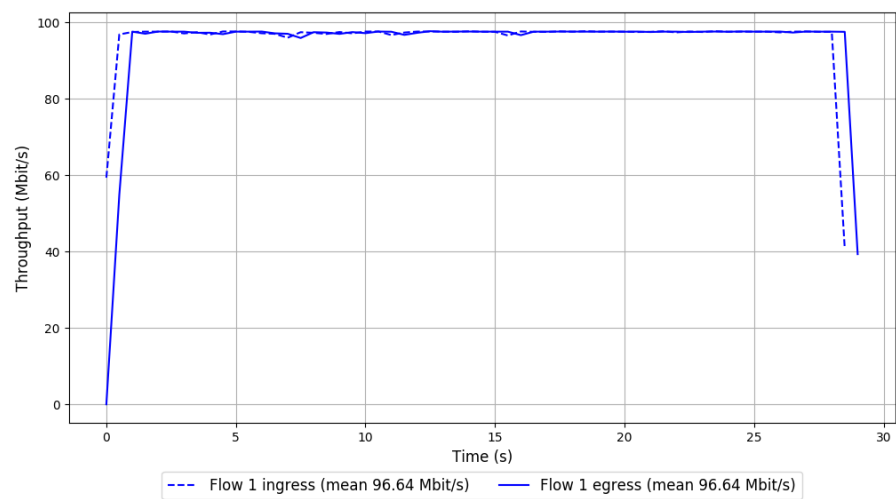


Run 4: Statistics of Indigo-MusesC3

Start at: 2019-07-18 06:36:58
End at: 2019-07-18 06:37:28
Local clock offset: -0.872 ms
Remote clock offset: -0.202 ms

Below is generated by plot.py at 2019-07-18 07:19:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.64 Mbit/s
95th percentile per-packet one-way delay: 21.549 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 96.64 Mbit/s
95th percentile per-packet one-way delay: 21.549 ms
Loss rate: 0.10%

Run 4: Report of Indigo-MusesC3 — Data Link



Run 5: Statistics of Indigo-MusesC3

Start at: 2019-07-18 07:05:41

End at: 2019-07-18 07:06:11

Local clock offset: 0.934 ms

Remote clock offset: 0.695 ms

Below is generated by plot.py at 2019-07-18 07:19:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.65 Mbit/s

95th percentile per-packet one-way delay: 21.168 ms

Loss rate: 0.10%

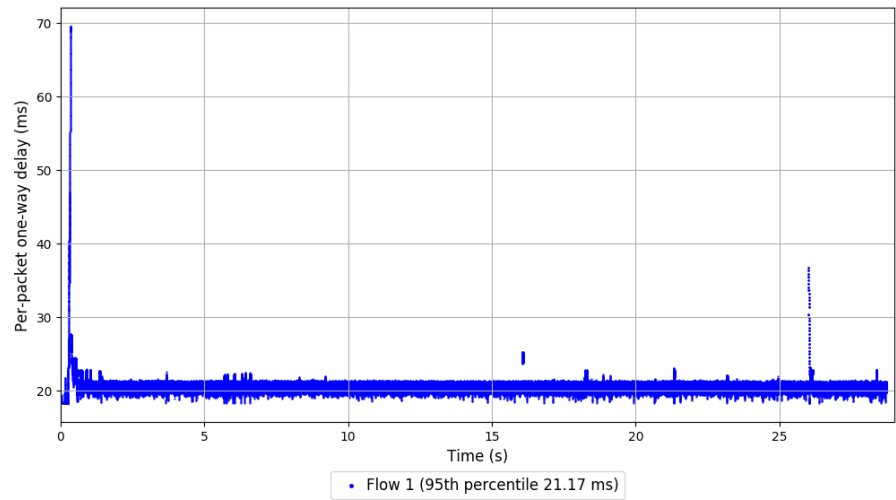
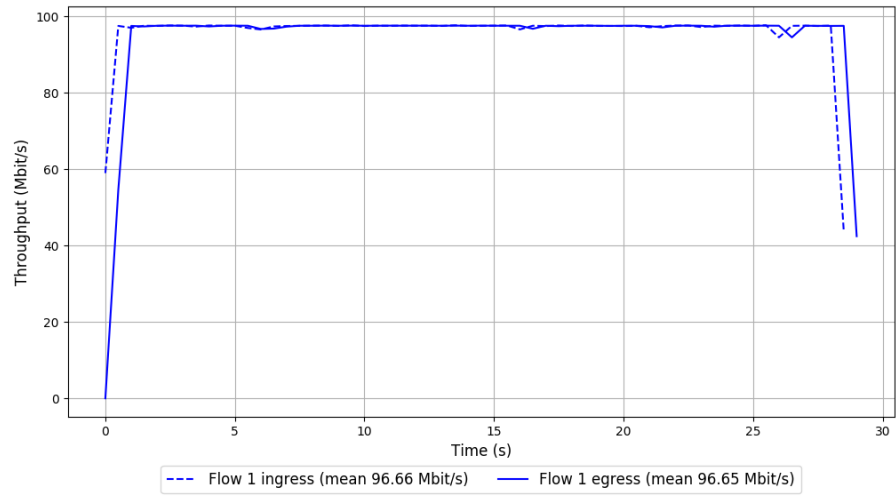
-- Flow 1:

Average throughput: 96.65 Mbit/s

95th percentile per-packet one-way delay: 21.168 ms

Loss rate: 0.10%

Run 5: Report of Indigo-MusesC3 — Data Link

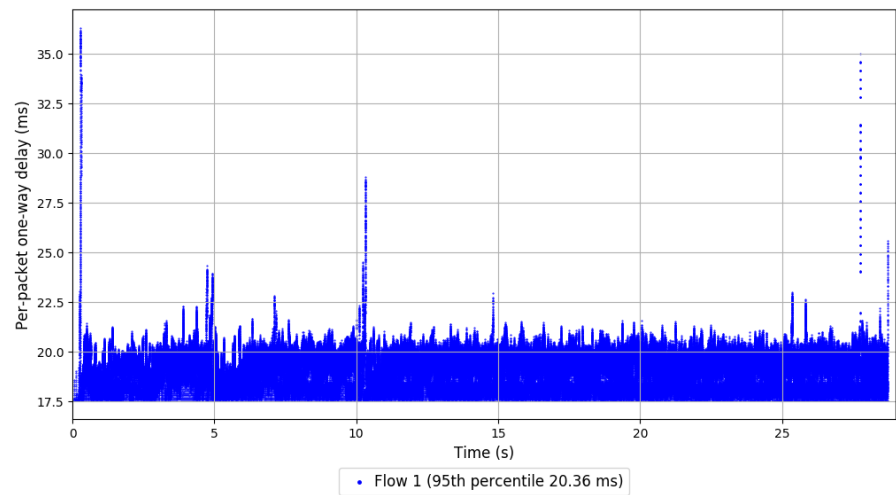
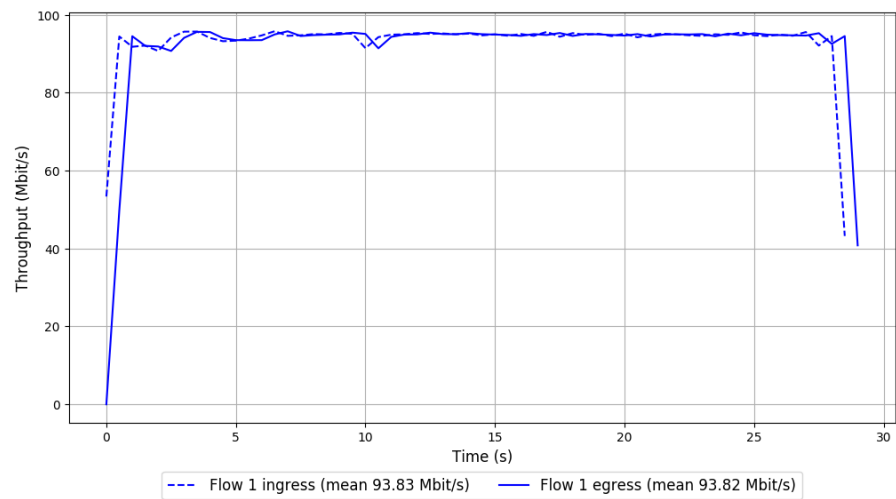


Run 1: Statistics of Indigo-MusesC5

Start at: 2019-07-18 04:51:40
End at: 2019-07-18 04:52:10
Local clock offset: 7.164 ms
Remote clock offset: -4.335 ms

Below is generated by plot.py at 2019-07-18 07:19:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.82 Mbit/s
95th percentile per-packet one-way delay: 20.364 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 93.82 Mbit/s
95th percentile per-packet one-way delay: 20.364 ms
Loss rate: 0.11%

Run 1: Report of Indigo-MusesC5 — Data Link



Run 2: Statistics of Indigo-MusesC5

Start at: 2019-07-18 05:21:20

End at: 2019-07-18 05:21:50

Local clock offset: 1.524 ms

Remote clock offset: 1.394 ms

Below is generated by plot.py at 2019-07-18 07:19:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.73 Mbit/s

95th percentile per-packet one-way delay: 19.285 ms

Loss rate: 0.10%

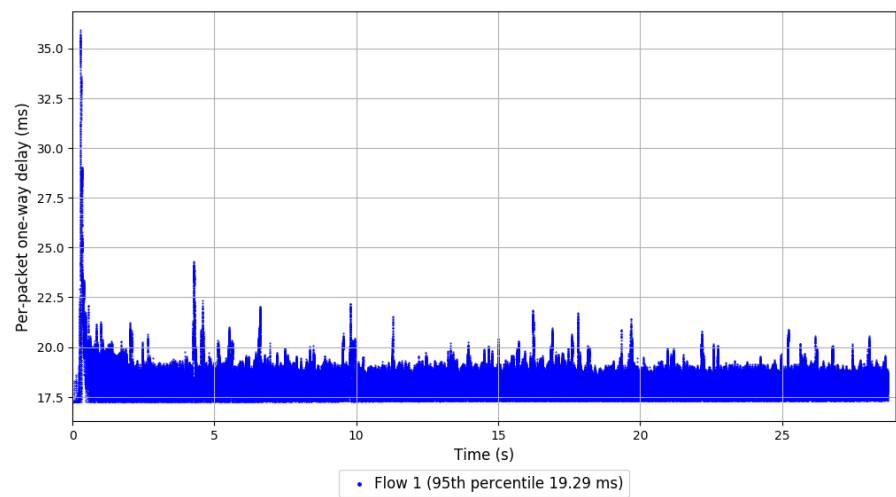
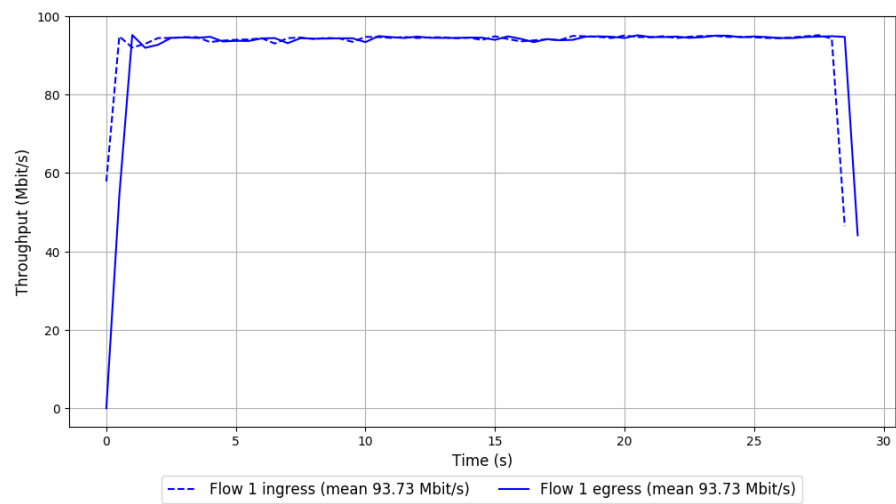
-- Flow 1:

Average throughput: 93.73 Mbit/s

95th percentile per-packet one-way delay: 19.285 ms

Loss rate: 0.10%

Run 2: Report of Indigo-MusesC5 — Data Link



Run 3: Statistics of Indigo-MusesC5

Start at: 2019-07-18 05:50:37

End at: 2019-07-18 05:51:07

Local clock offset: -0.008 ms

Remote clock offset: 0.238 ms

Below is generated by plot.py at 2019-07-18 07:19:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.73 Mbit/s

95th percentile per-packet one-way delay: 19.734 ms

Loss rate: 0.10%

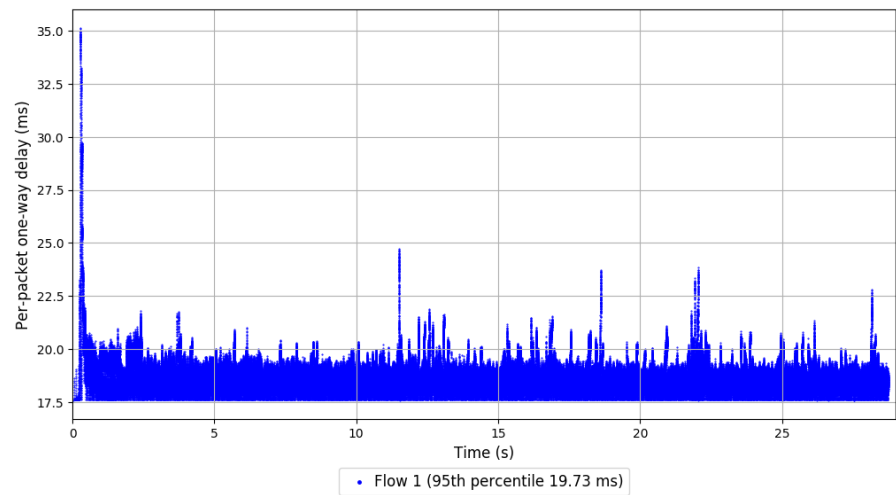
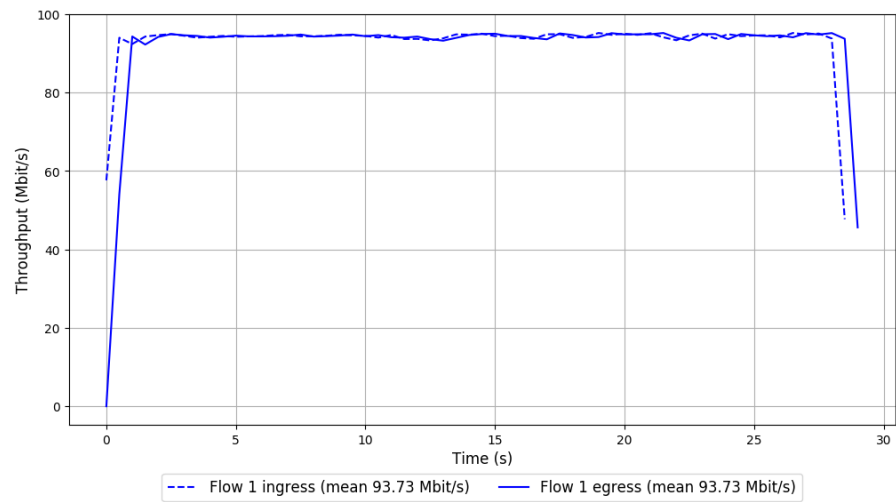
-- Flow 1:

Average throughput: 93.73 Mbit/s

95th percentile per-packet one-way delay: 19.734 ms

Loss rate: 0.10%

Run 3: Report of Indigo-MusesC5 — Data Link



Run 4: Statistics of Indigo-MusesC5

Start at: 2019-07-18 06:20:03

End at: 2019-07-18 06:20:33

Local clock offset: 0.195 ms

Remote clock offset: 0.343 ms

Below is generated by plot.py at 2019-07-18 07:19:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.71 Mbit/s

95th percentile per-packet one-way delay: 20.189 ms

Loss rate: 0.10%

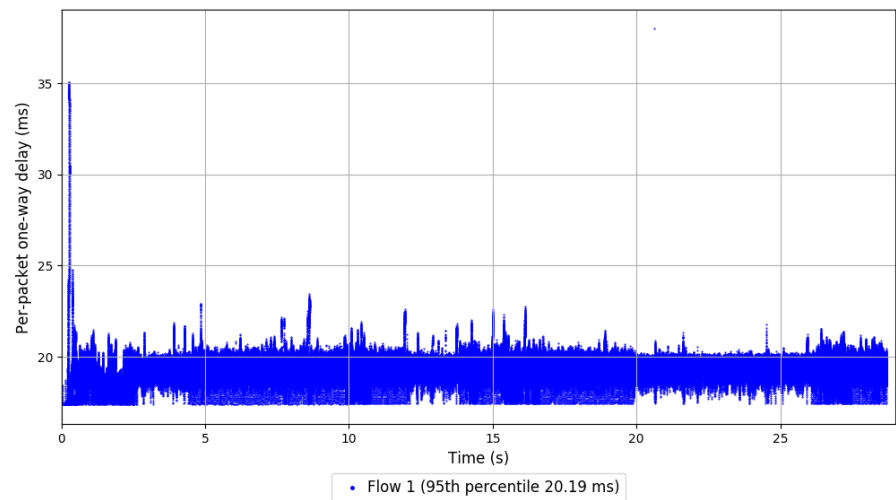
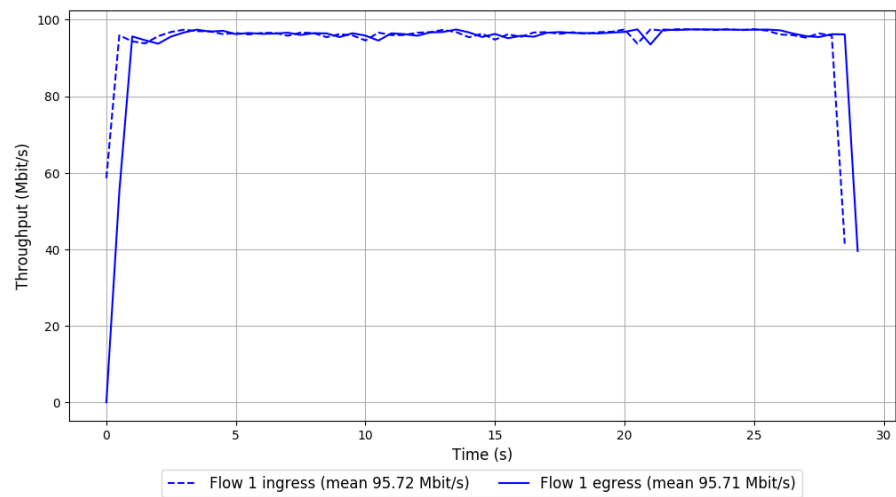
-- Flow 1:

Average throughput: 95.71 Mbit/s

95th percentile per-packet one-way delay: 20.189 ms

Loss rate: 0.10%

Run 4: Report of Indigo-MusesC5 — Data Link

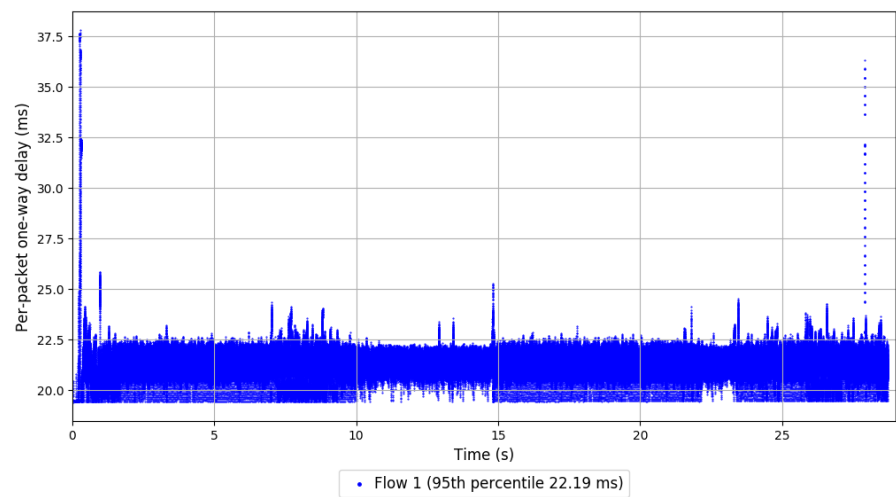
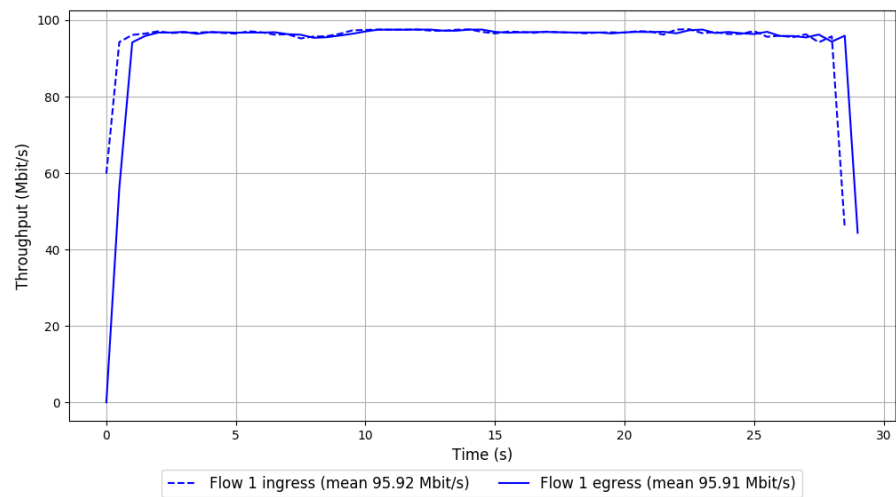


Run 5: Statistics of Indigo-MusesC5

Start at: 2019-07-18 06:49:06
End at: 2019-07-18 06:49:36
Local clock offset: -1.023 ms
Remote clock offset: -0.255 ms

Below is generated by plot.py at 2019-07-18 07:20:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.91 Mbit/s
95th percentile per-packet one-way delay: 22.187 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 95.91 Mbit/s
95th percentile per-packet one-way delay: 22.187 ms
Loss rate: 0.09%

Run 5: Report of Indigo-MusesC5 — Data Link



Run 1: Statistics of Indigo-MusesD

Start at: 2019-07-18 05:01:26

End at: 2019-07-18 05:01:56

Local clock offset: 3.565 ms

Remote clock offset: -1.673 ms

Below is generated by plot.py at 2019-07-18 07:20:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.39 Mbit/s

95th percentile per-packet one-way delay: 19.786 ms

Loss rate: 0.10%

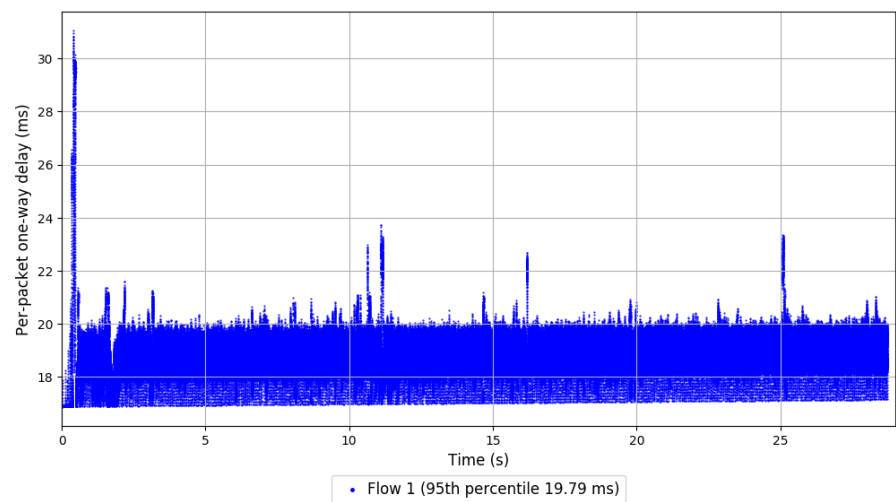
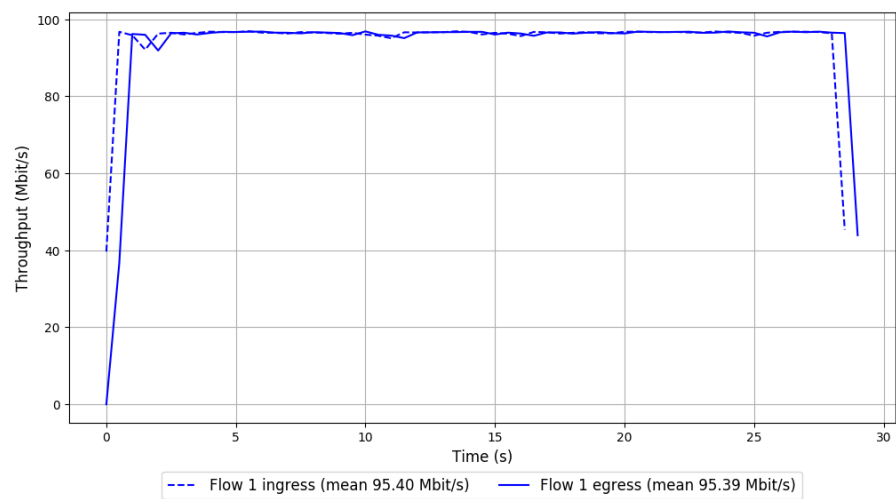
-- Flow 1:

Average throughput: 95.39 Mbit/s

95th percentile per-packet one-way delay: 19.786 ms

Loss rate: 0.10%

Run 1: Report of Indigo-MusesD — Data Link

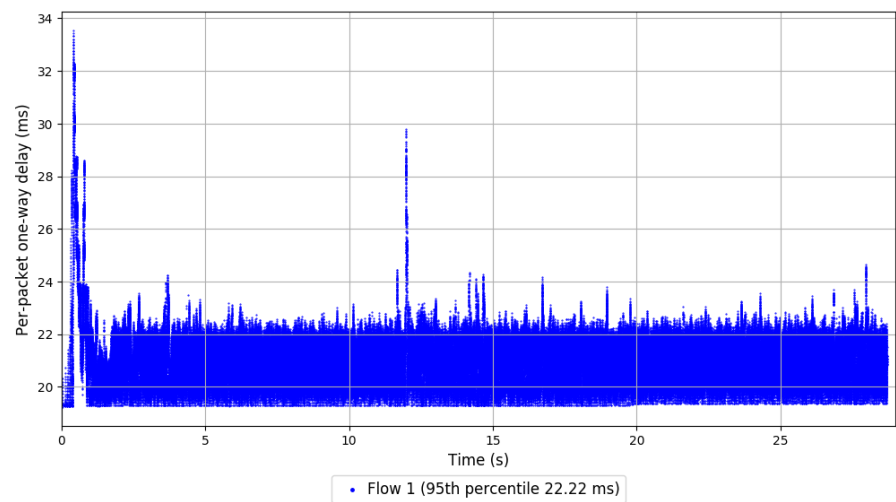
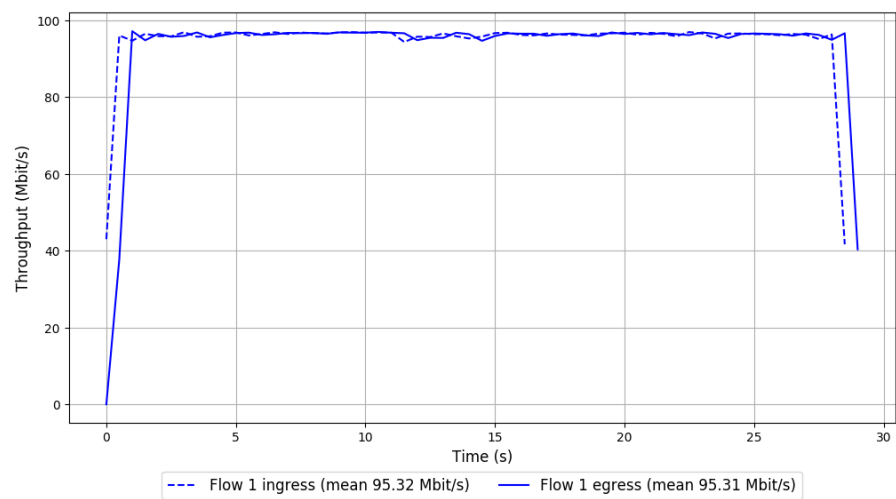


Run 2: Statistics of Indigo-MusesD

Start at: 2019-07-18 05:30:59
End at: 2019-07-18 05:31:29
Local clock offset: 0.287 ms
Remote clock offset: -1.283 ms

Below is generated by plot.py at 2019-07-18 07:20:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.31 Mbit/s
95th percentile per-packet one-way delay: 22.219 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 95.31 Mbit/s
95th percentile per-packet one-way delay: 22.219 ms
Loss rate: 0.10%

Run 2: Report of Indigo-MusesD — Data Link



Run 3: Statistics of Indigo-MusesD

Start at: 2019-07-18 06:00:18

End at: 2019-07-18 06:00:48

Local clock offset: -0.295 ms

Remote clock offset: -1.68 ms

Below is generated by plot.py at 2019-07-18 07:20:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.19 Mbit/s

95th percentile per-packet one-way delay: 21.853 ms

Loss rate: 0.10%

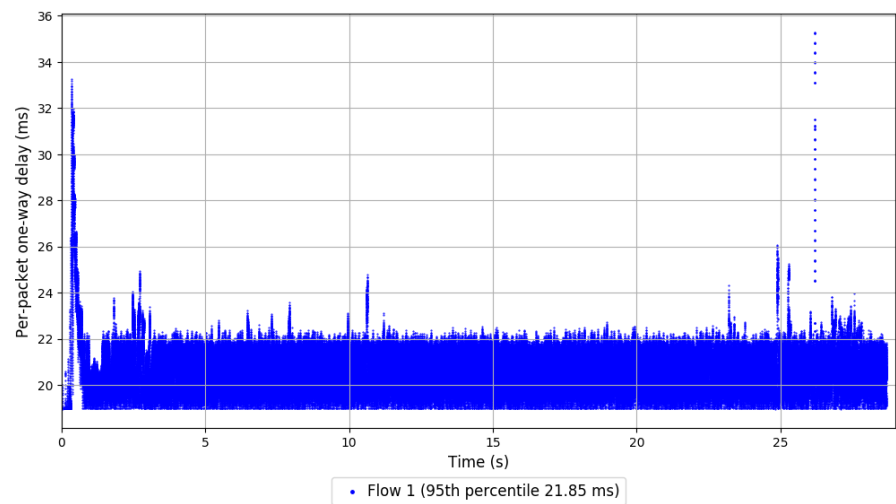
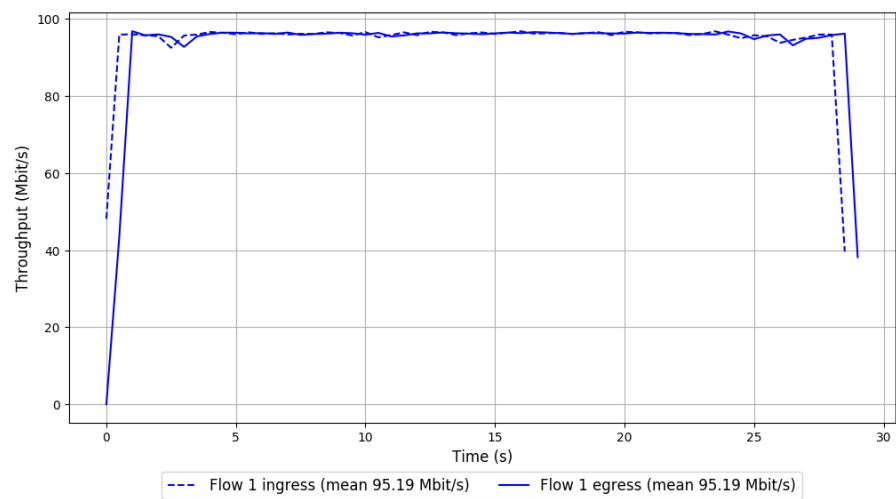
-- Flow 1:

Average throughput: 95.19 Mbit/s

95th percentile per-packet one-way delay: 21.853 ms

Loss rate: 0.10%

Run 3: Report of Indigo-MusesD — Data Link



Run 4: Statistics of Indigo-MusesD

Start at: 2019-07-18 06:29:48

End at: 2019-07-18 06:30:18

Local clock offset: -1.003 ms

Remote clock offset: 1.257 ms

Below is generated by plot.py at 2019-07-18 07:20:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.95 Mbit/s

95th percentile per-packet one-way delay: 19.263 ms

Loss rate: 0.10%

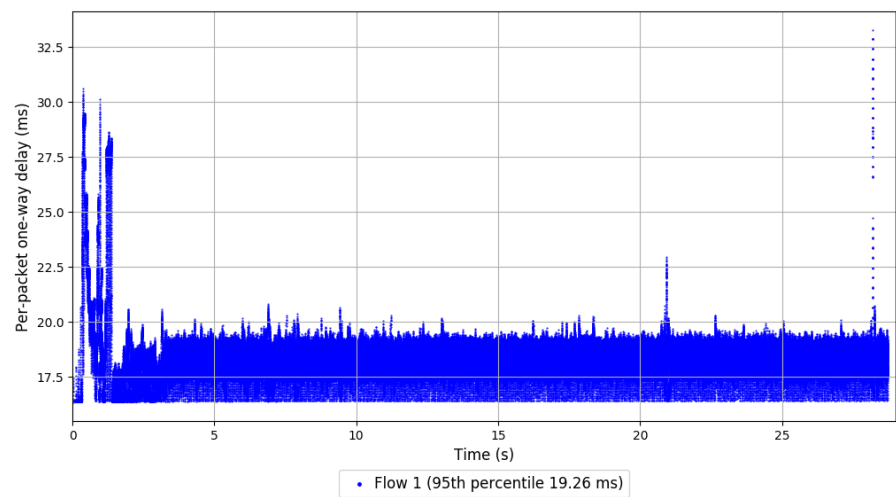
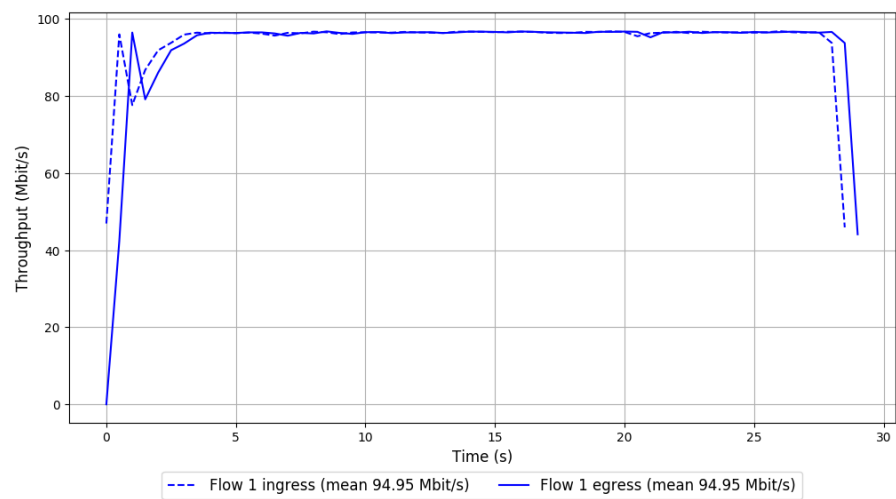
-- Flow 1:

Average throughput: 94.95 Mbit/s

95th percentile per-packet one-way delay: 19.263 ms

Loss rate: 0.10%

Run 4: Report of Indigo-MusesD — Data Link



Run 5: Statistics of Indigo-MusesD

Start at: 2019-07-18 06:58:35

End at: 2019-07-18 06:59:05

Local clock offset: -6.951 ms

Remote clock offset: 0.475 ms

Below is generated by plot.py at 2019-07-18 07:20:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.35 Mbit/s

95th percentile per-packet one-way delay: 14.483 ms

Loss rate: 0.10%

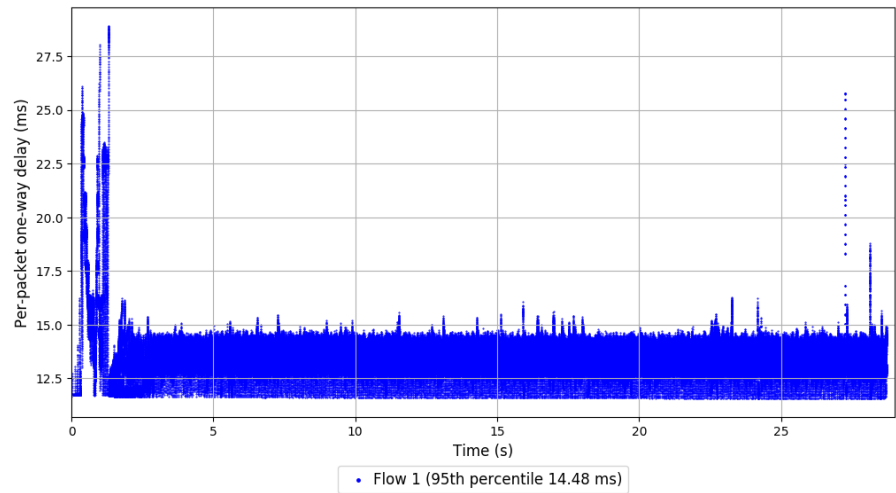
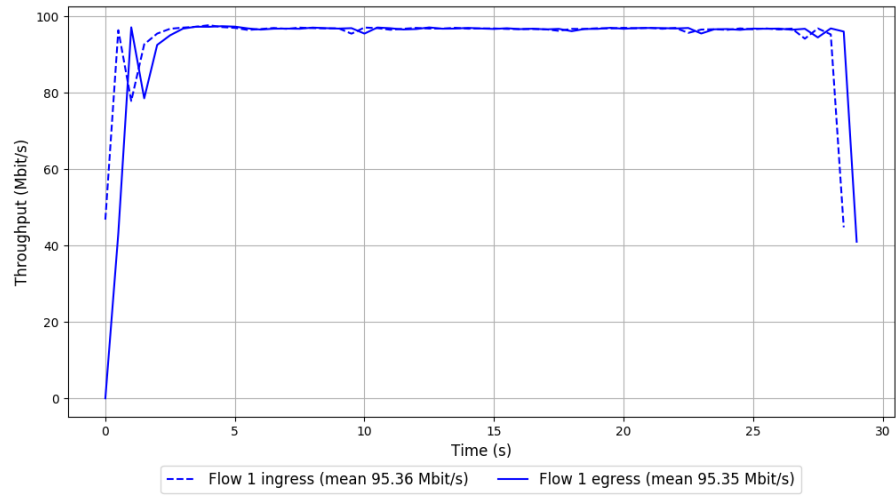
-- Flow 1:

Average throughput: 95.35 Mbit/s

95th percentile per-packet one-way delay: 14.483 ms

Loss rate: 0.10%

Run 5: Report of Indigo-MusesD — Data Link



Run 1: Statistics of Indigo-MusesT

Start at: 2019-07-18 04:49:18

End at: 2019-07-18 04:49:48

Local clock offset: 7.168 ms

Remote clock offset: -5.629 ms

Below is generated by plot.py at 2019-07-18 07:20:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.43 Mbit/s

95th percentile per-packet one-way delay: 22.846 ms

Loss rate: 0.10%

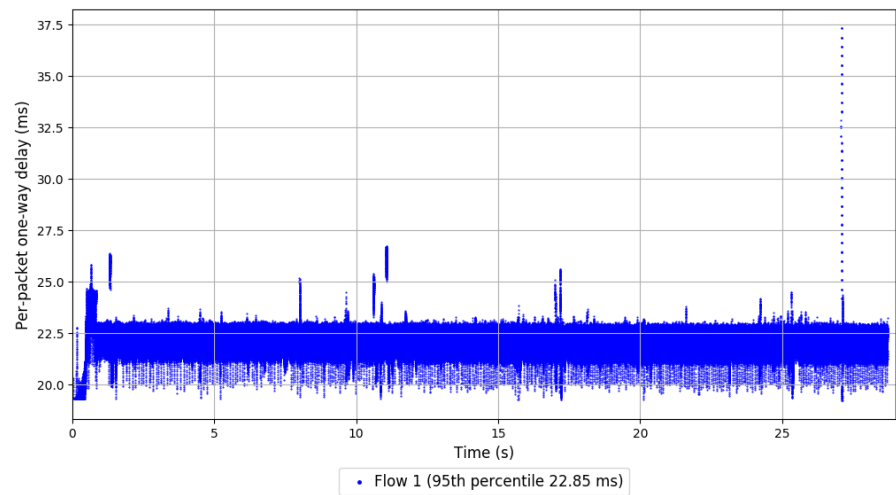
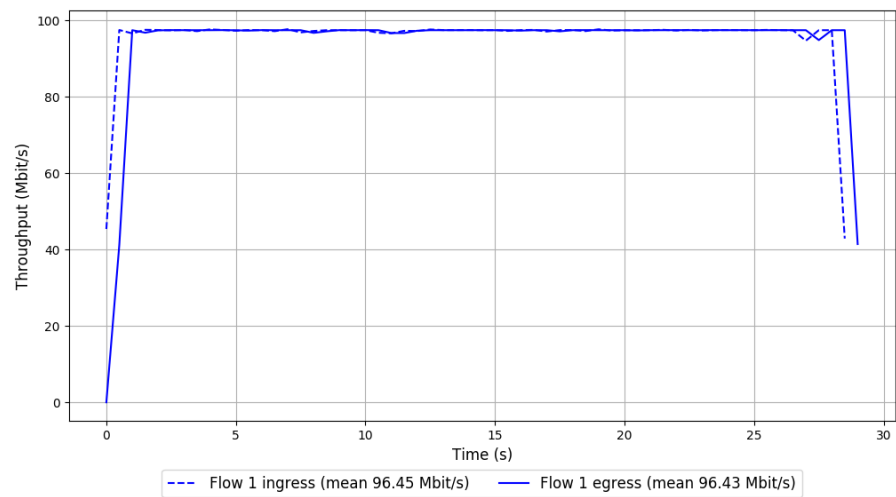
-- Flow 1:

Average throughput: 96.43 Mbit/s

95th percentile per-packet one-way delay: 22.846 ms

Loss rate: 0.10%

Run 1: Report of Indigo-MusesT — Data Link



Run 2: Statistics of Indigo-MusesT

Start at: 2019-07-18 05:18:52

End at: 2019-07-18 05:19:23

Local clock offset: 0.027 ms

Remote clock offset: -1.145 ms

Below is generated by plot.py at 2019-07-18 07:20:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.97 Mbit/s

95th percentile per-packet one-way delay: 21.673 ms

Loss rate: 0.11%

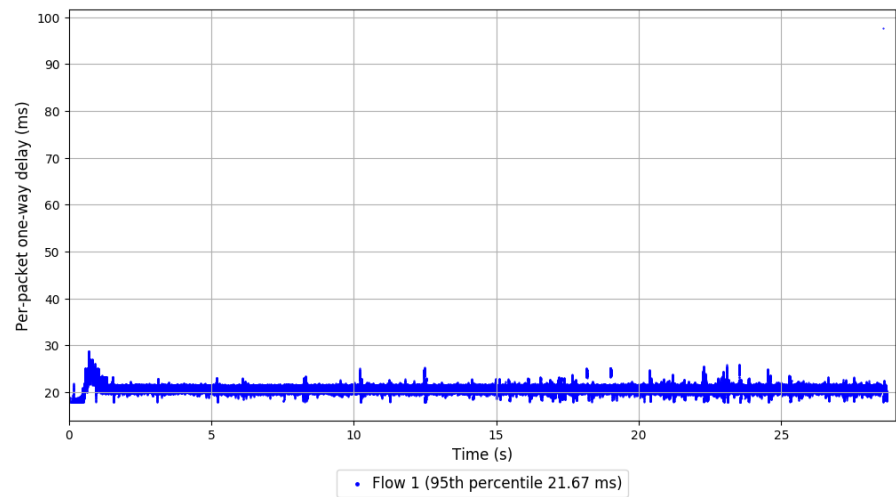
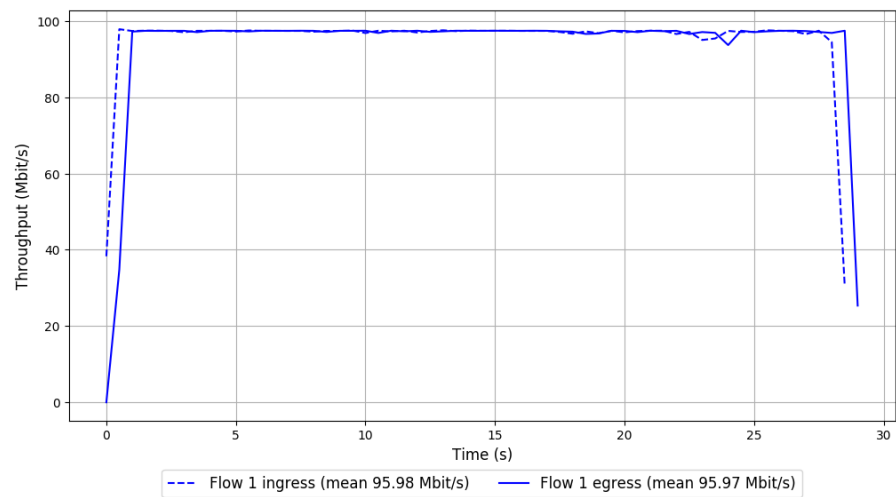
-- Flow 1:

Average throughput: 95.97 Mbit/s

95th percentile per-packet one-way delay: 21.673 ms

Loss rate: 0.11%

Run 2: Report of Indigo-MusesT — Data Link

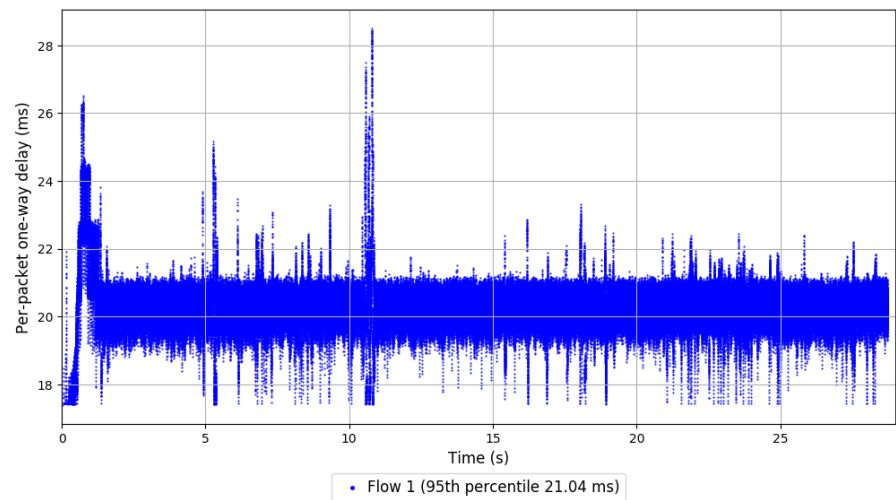
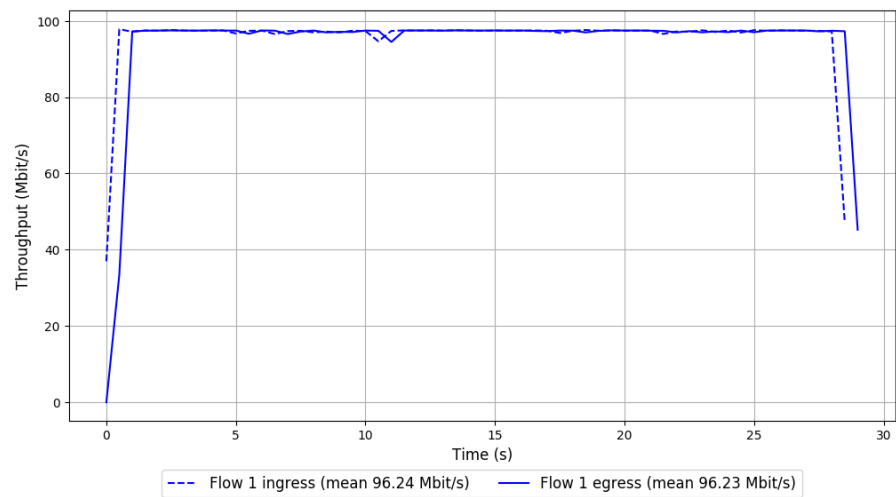


Run 3: Statistics of Indigo-MusesT

Start at: 2019-07-18 05:48:13
End at: 2019-07-18 05:48:43
Local clock offset: -0.759 ms
Remote clock offset: -0.323 ms

Below is generated by plot.py at 2019-07-18 07:21:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.23 Mbit/s
95th percentile per-packet one-way delay: 21.041 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 96.23 Mbit/s
95th percentile per-packet one-way delay: 21.041 ms
Loss rate: 0.11%

Run 3: Report of Indigo-MusesT — Data Link

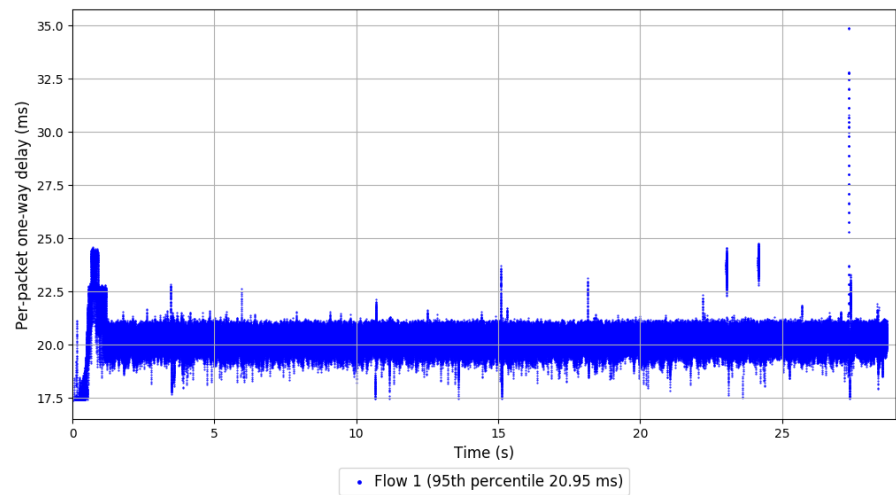
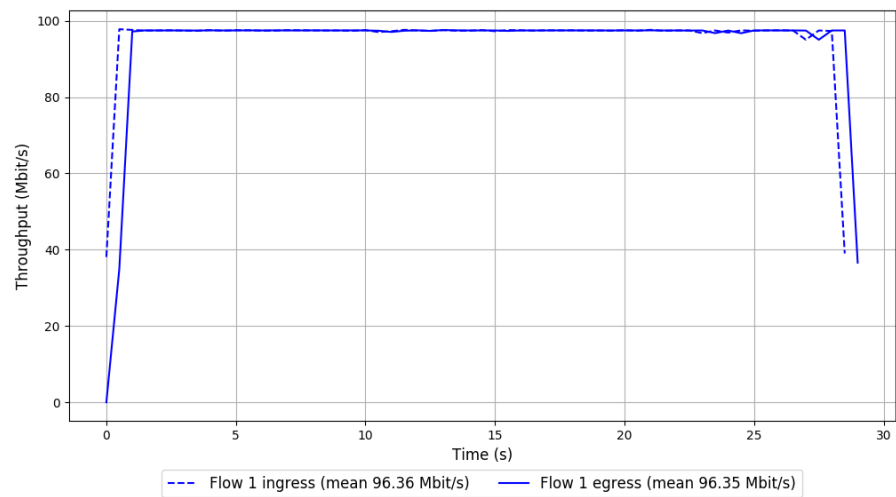


Run 4: Statistics of Indigo-MusesT

Start at: 2019-07-18 06:17:42
End at: 2019-07-18 06:18:12
Local clock offset: -1.085 ms
Remote clock offset: -1.074 ms

Below is generated by plot.py at 2019-07-18 07:21:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.35 Mbit/s
95th percentile per-packet one-way delay: 20.954 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 96.35 Mbit/s
95th percentile per-packet one-way delay: 20.954 ms
Loss rate: 0.11%

Run 4: Report of Indigo-MusesT — Data Link



Run 5: Statistics of Indigo-MusesT

Start at: 2019-07-18 06:46:43

End at: 2019-07-18 06:47:13

Local clock offset: -1.689 ms

Remote clock offset: 0.329 ms

Below is generated by plot.py at 2019-07-18 07:21:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.48 Mbit/s

95th percentile per-packet one-way delay: 21.748 ms

Loss rate: 0.10%

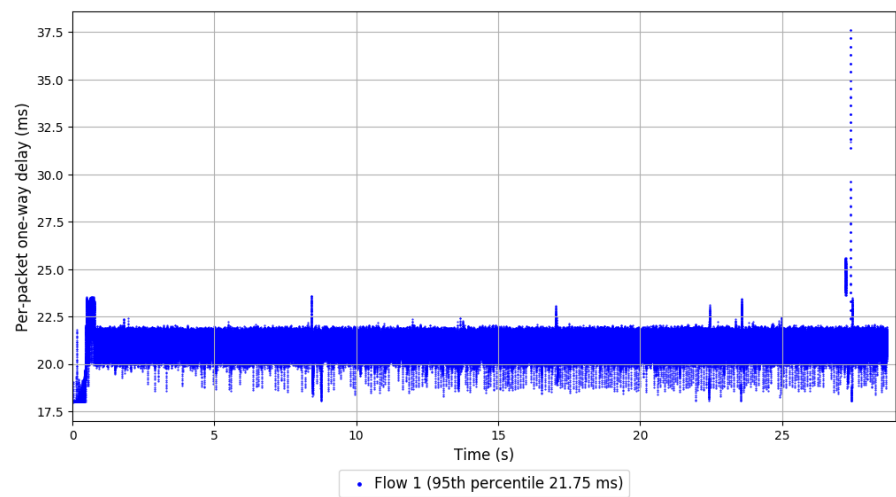
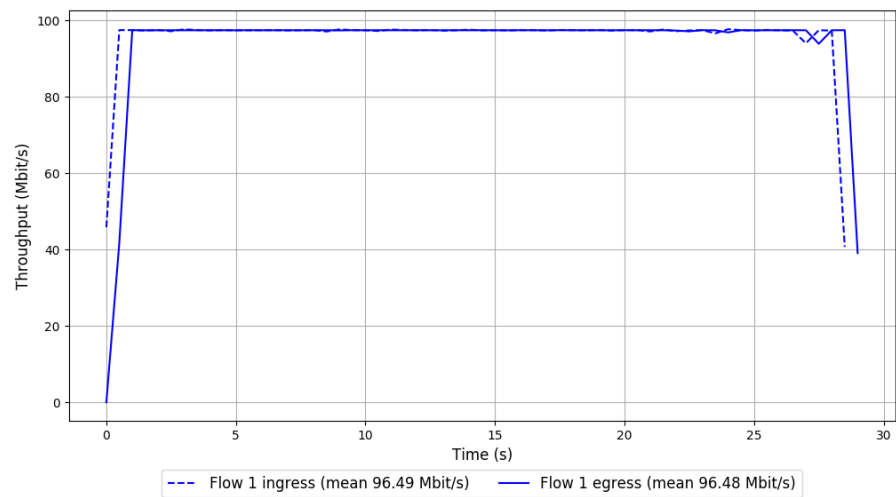
-- Flow 1:

Average throughput: 96.48 Mbit/s

95th percentile per-packet one-way delay: 21.748 ms

Loss rate: 0.10%

Run 5: Report of Indigo-MusesT — Data Link

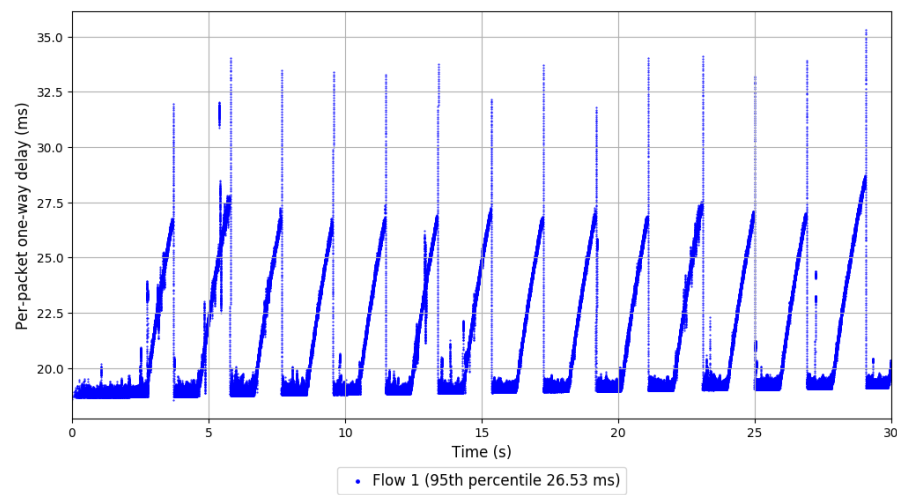
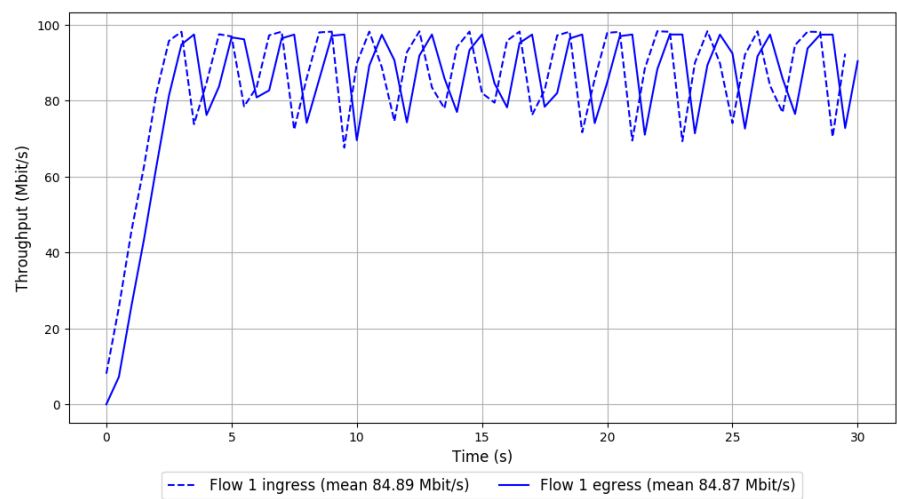


Run 1: Statistics of LEDBAT

Start at: 2019-07-18 04:56:34
End at: 2019-07-18 04:57:04
Local clock offset: 7.216 ms
Remote clock offset: -3.258 ms

Below is generated by plot.py at 2019-07-18 07:21:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.87 Mbit/s
95th percentile per-packet one-way delay: 26.531 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 84.87 Mbit/s
95th percentile per-packet one-way delay: 26.531 ms
Loss rate: 0.11%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2019-07-18 05:26:09

End at: 2019-07-18 05:26:39

Local clock offset: 0.209 ms

Remote clock offset: 0.346 ms

Below is generated by plot.py at 2019-07-18 07:21:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.48 Mbit/s

95th percentile per-packet one-way delay: 24.732 ms

Loss rate: 0.11%

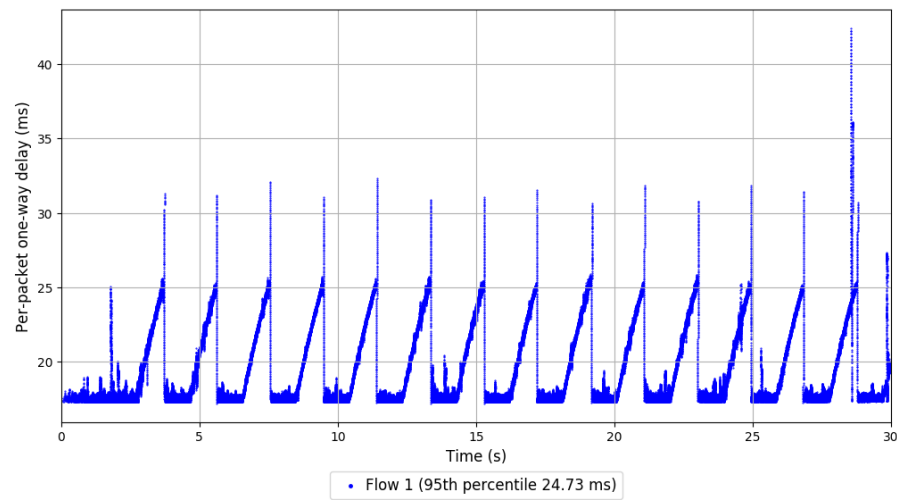
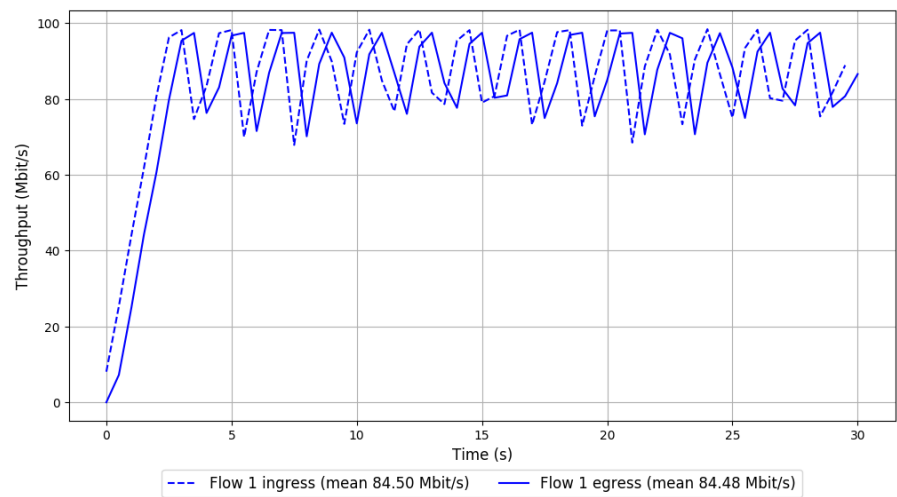
-- Flow 1:

Average throughput: 84.48 Mbit/s

95th percentile per-packet one-way delay: 24.732 ms

Loss rate: 0.11%

Run 2: Report of LEDBAT — Data Link

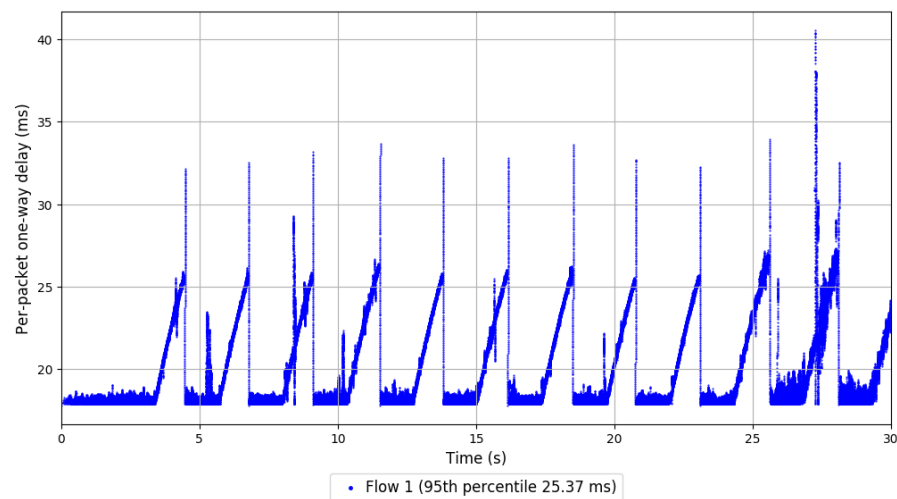
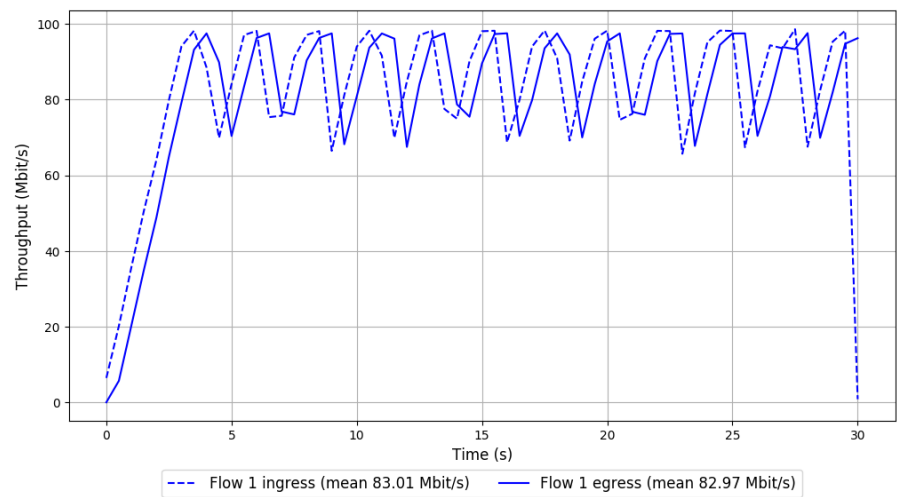


Run 3: Statistics of LEDBAT

Start at: 2019-07-18 05:55:27
End at: 2019-07-18 05:55:57
Local clock offset: 0.056 ms
Remote clock offset: -0.107 ms

Below is generated by plot.py at 2019-07-18 07:21:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.97 Mbit/s
95th percentile per-packet one-way delay: 25.369 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 82.97 Mbit/s
95th percentile per-packet one-way delay: 25.369 ms
Loss rate: 0.14%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2019-07-18 06:24:54

End at: 2019-07-18 06:25:24

Local clock offset: -0.298 ms

Remote clock offset: 0.812 ms

Below is generated by plot.py at 2019-07-18 07:21:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.84 Mbit/s

95th percentile per-packet one-way delay: 24.459 ms

Loss rate: 0.14%

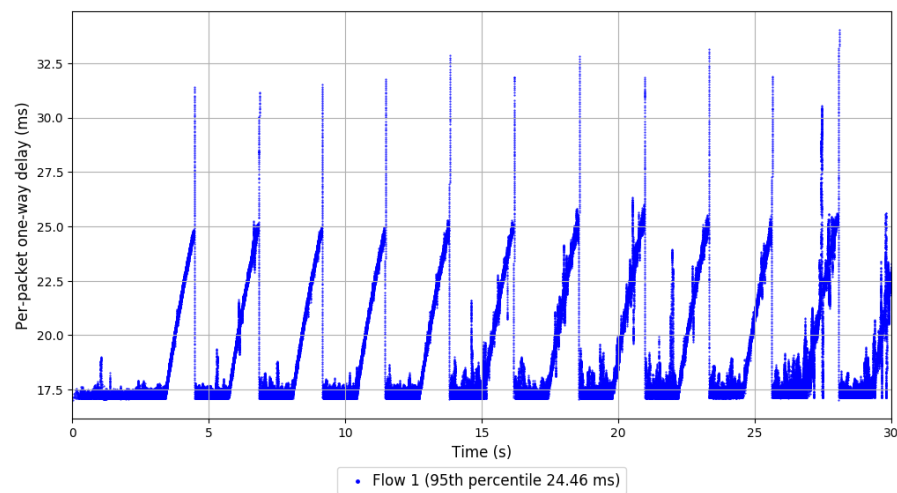
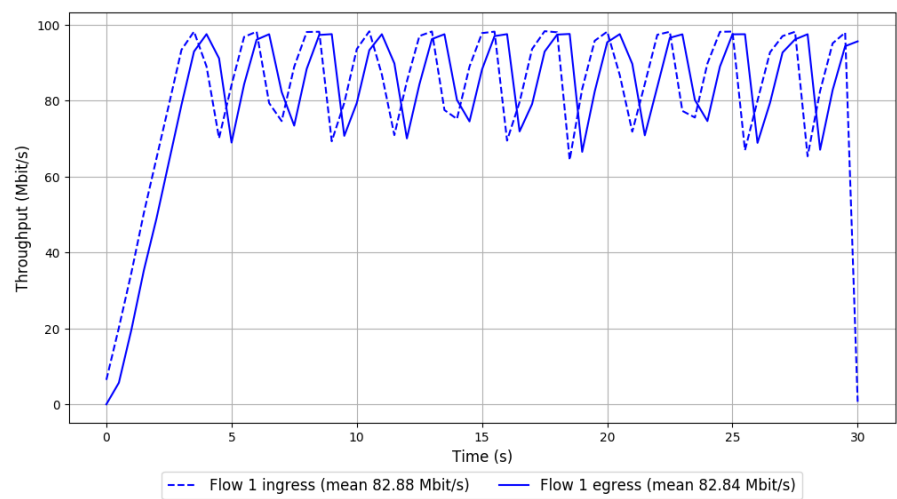
-- Flow 1:

Average throughput: 82.84 Mbit/s

95th percentile per-packet one-way delay: 24.459 ms

Loss rate: 0.14%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2019-07-18 06:53:52

End at: 2019-07-18 06:54:22

Local clock offset: -1.063 ms

Remote clock offset: 2.369 ms

Below is generated by plot.py at 2019-07-18 07:21:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 65.81 Mbit/s

95th percentile per-packet one-way delay: 24.259 ms

Loss rate: 0.22%

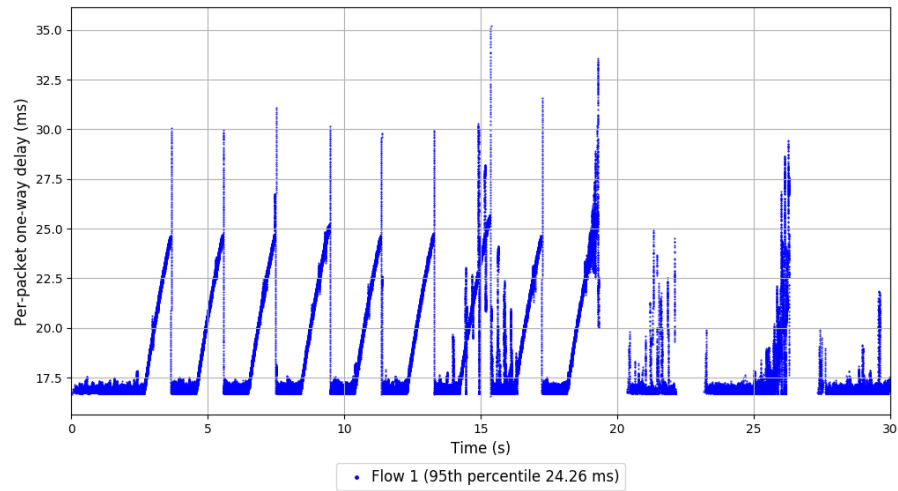
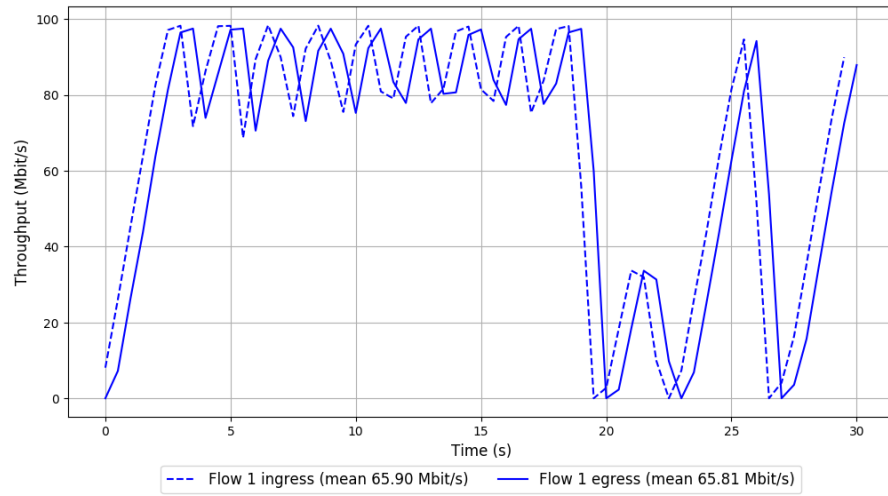
-- Flow 1:

Average throughput: 65.81 Mbit/s

95th percentile per-packet one-way delay: 24.259 ms

Loss rate: 0.22%

Run 5: Report of LEDBAT — Data Link

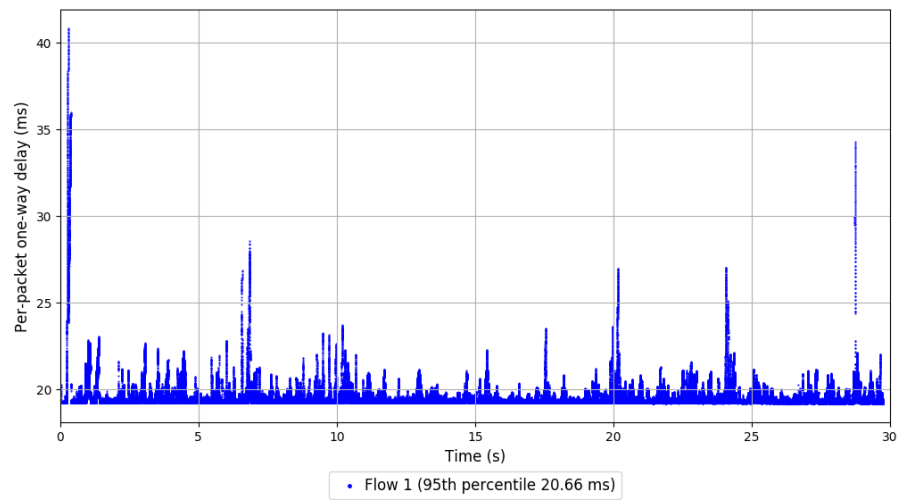
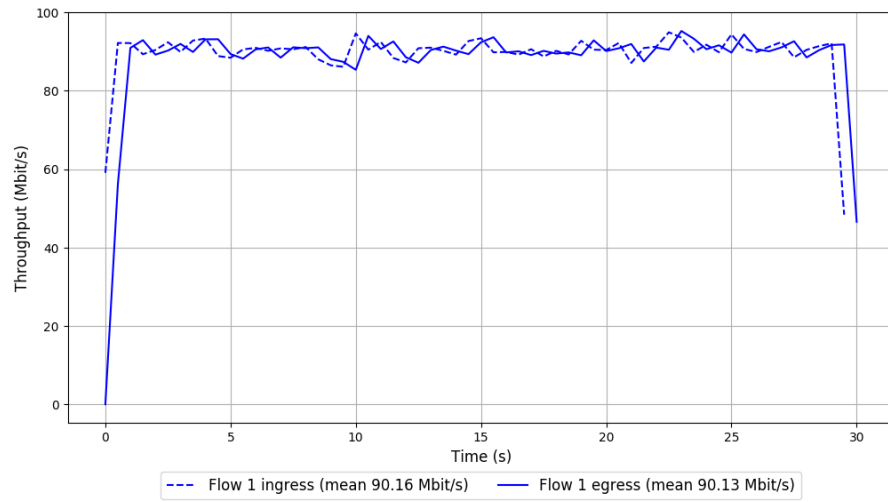


Run 1: Statistics of Muses_DecisionTree

Start at: 2019-07-18 04:50:29
End at: 2019-07-18 04:50:59
Local clock offset: 7.062 ms
Remote clock offset: -5.879 ms

Below is generated by plot.py at 2019-07-18 07:22:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.13 Mbit/s
95th percentile per-packet one-way delay: 20.657 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 90.13 Mbit/s
95th percentile per-packet one-way delay: 20.657 ms
Loss rate: 0.13%

Run 1: Report of Muses_DecisionTree — Data Link



Run 2: Statistics of Muses_DecisionTree

Start at: 2019-07-18 05:20:04

End at: 2019-07-18 05:20:34

Local clock offset: -0.242 ms

Remote clock offset: 0.021 ms

Below is generated by plot.py at 2019-07-18 07:22:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.81 Mbit/s

95th percentile per-packet one-way delay: 17.920 ms

Loss rate: 0.10%

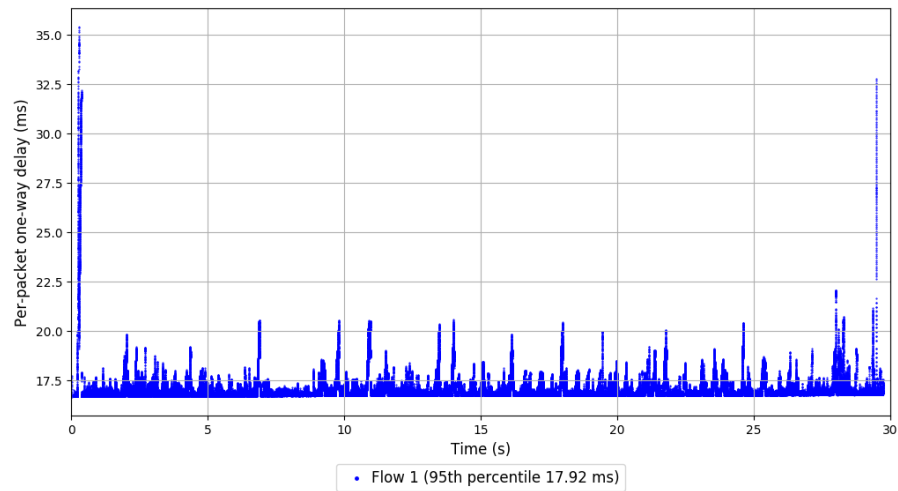
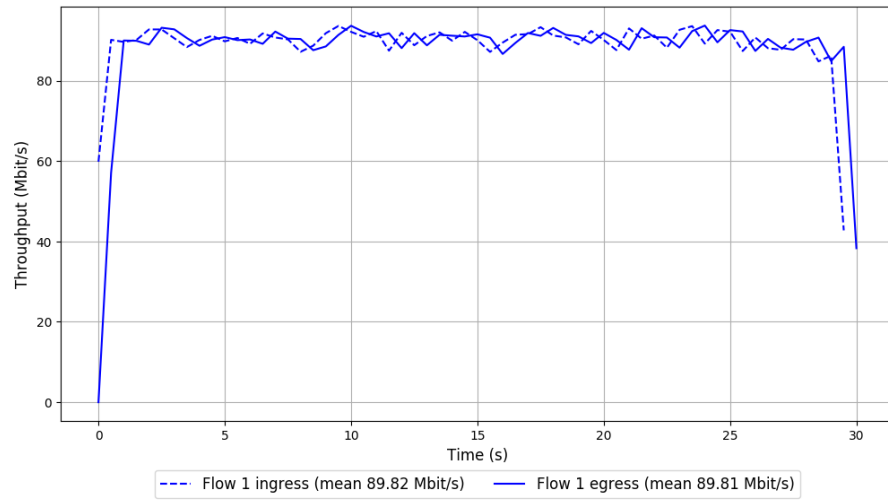
-- Flow 1:

Average throughput: 89.81 Mbit/s

95th percentile per-packet one-way delay: 17.920 ms

Loss rate: 0.10%

Run 2: Report of Muses_DecisionTree — Data Link



Run 3: Statistics of Muses_DecisionTree

Start at: 2019-07-18 05:49:26

End at: 2019-07-18 05:49:56

Local clock offset: -0.227 ms

Remote clock offset: -1.81 ms

Below is generated by plot.py at 2019-07-18 07:22:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.11 Mbit/s

95th percentile per-packet one-way delay: 22.419 ms

Loss rate: 0.10%

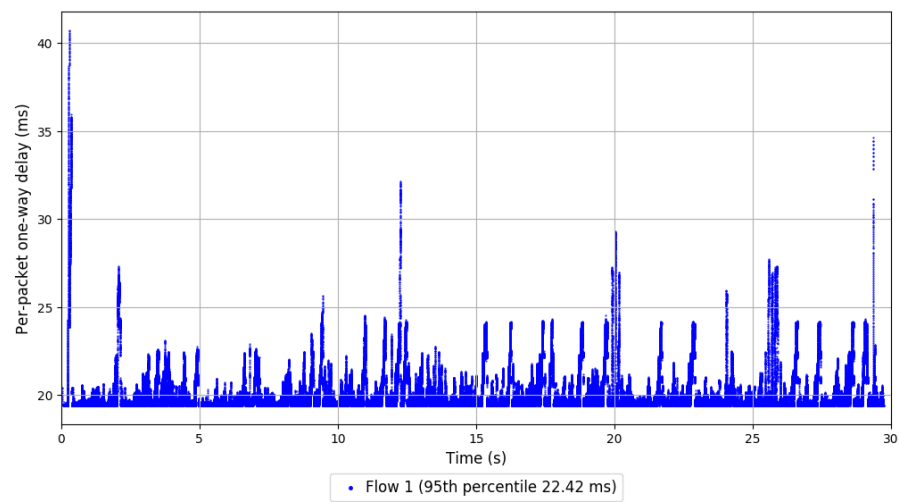
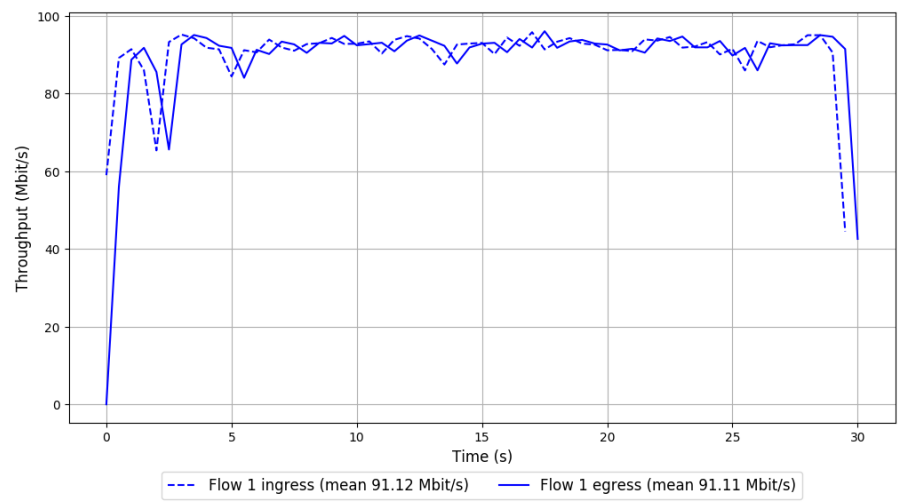
-- Flow 1:

Average throughput: 91.11 Mbit/s

95th percentile per-packet one-way delay: 22.419 ms

Loss rate: 0.10%

Run 3: Report of Muses_DecisionTree — Data Link

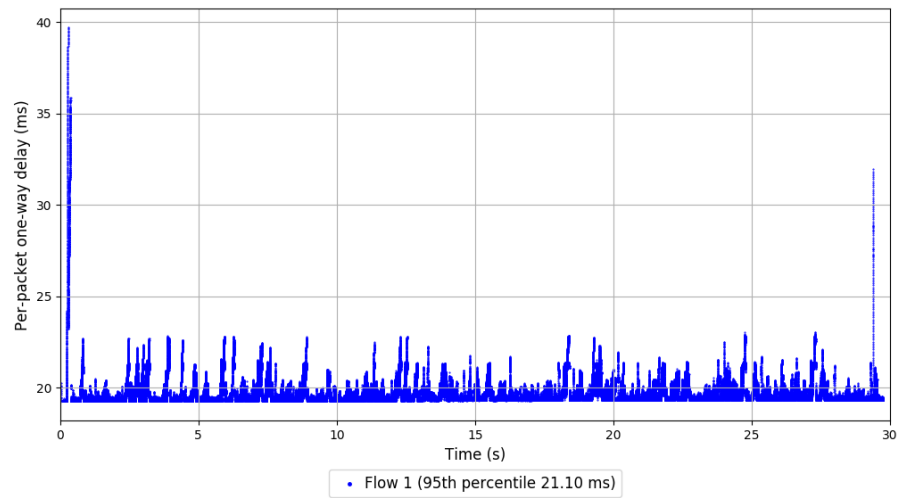
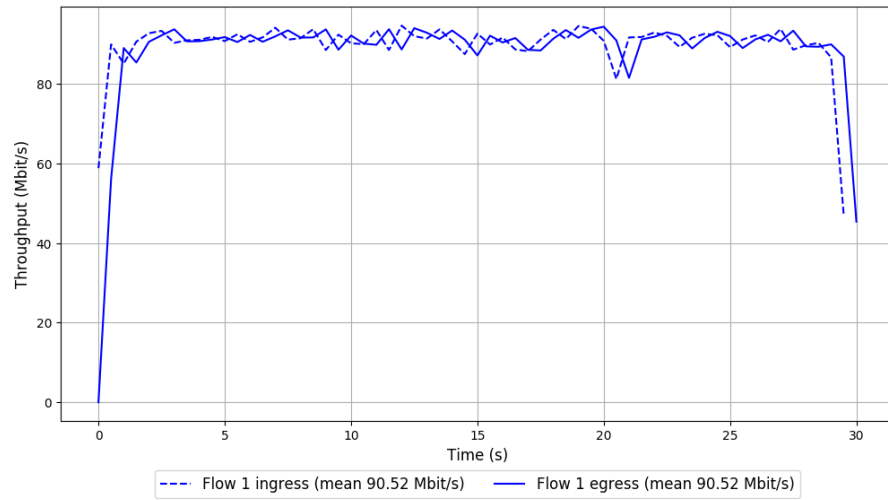


Run 4: Statistics of Muses_DecisionTree

Start at: 2019-07-18 06:18:53
End at: 2019-07-18 06:19:23
Local clock offset: -1.086 ms
Remote clock offset: -2.795 ms

Below is generated by plot.py at 2019-07-18 07:22:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.52 Mbit/s
95th percentile per-packet one-way delay: 21.098 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 90.52 Mbit/s
95th percentile per-packet one-way delay: 21.098 ms
Loss rate: 0.09%

Run 4: Report of Muses_DecisionTree — Data Link



Run 5: Statistics of Muses_DecisionTree

Start at: 2019-07-18 06:47:55

End at: 2019-07-18 06:48:25

Local clock offset: -0.939 ms

Remote clock offset: 1.853 ms

Below is generated by plot.py at 2019-07-18 07:22:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.42 Mbit/s

95th percentile per-packet one-way delay: 18.266 ms

Loss rate: 0.10%

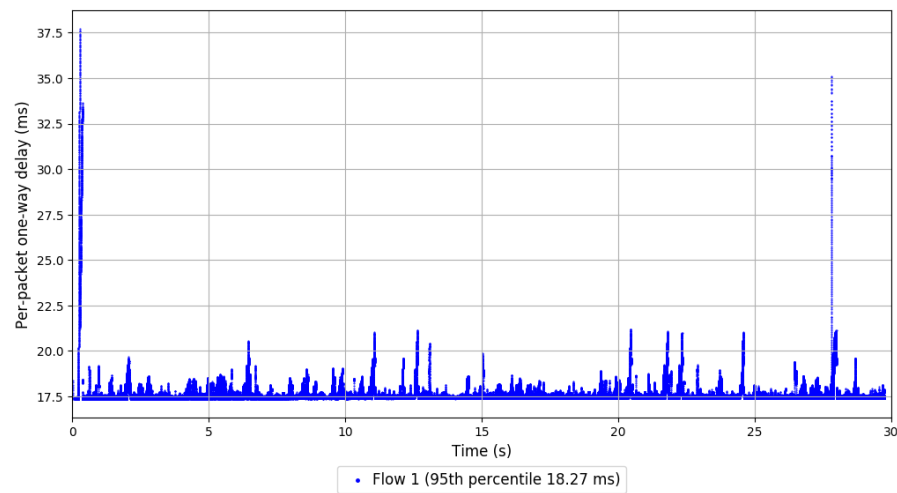
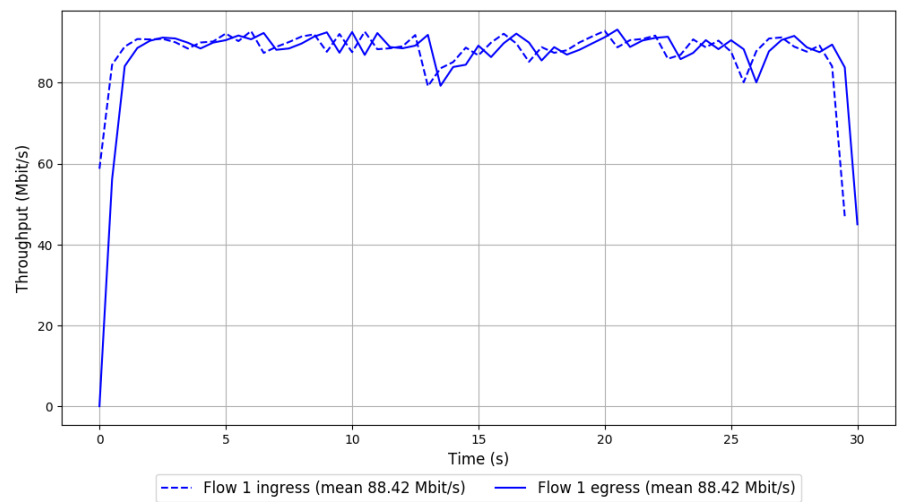
-- Flow 1:

Average throughput: 88.42 Mbit/s

95th percentile per-packet one-way delay: 18.266 ms

Loss rate: 0.10%

Run 5: Report of Muses_DecisionTree — Data Link



Run 1: Statistics of Muses_DecisionTreeH0

Start at: 2019-07-18 04:48:05

End at: 2019-07-18 04:48:35

Local clock offset: 6.381 ms

Remote clock offset: -5.61 ms

Below is generated by plot.py at 2019-07-18 07:22:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.03 Mbit/s

95th percentile per-packet one-way delay: 22.897 ms

Loss rate: 0.10%

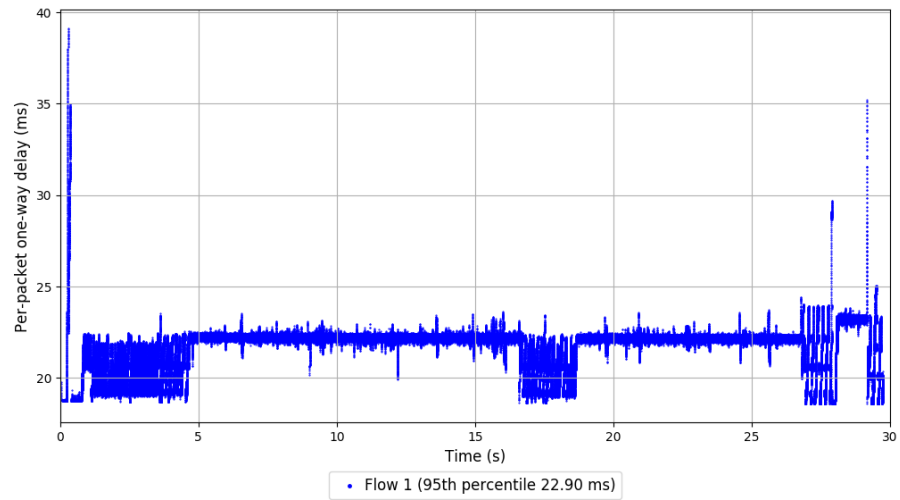
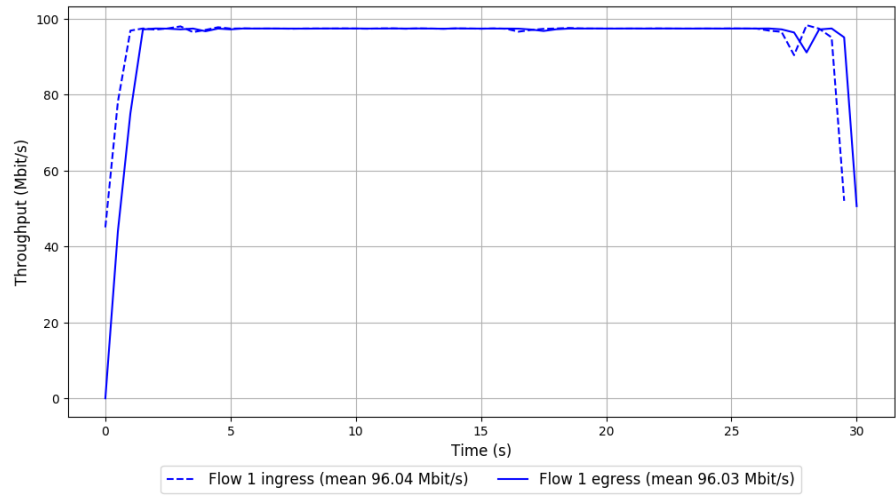
-- Flow 1:

Average throughput: 96.03 Mbit/s

95th percentile per-packet one-way delay: 22.897 ms

Loss rate: 0.10%

Run 1: Report of Muses_DecisionTreeH0 — Data Link



Run 2: Statistics of Muses_DecisionTreeH0

Start at: 2019-07-18 05:17:39

End at: 2019-07-18 05:18:09

Local clock offset: 1.728 ms

Remote clock offset: 0.767 ms

Below is generated by plot.py at 2019-07-18 07:22:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.15 Mbit/s

95th percentile per-packet one-way delay: 22.241 ms

Loss rate: 0.09%

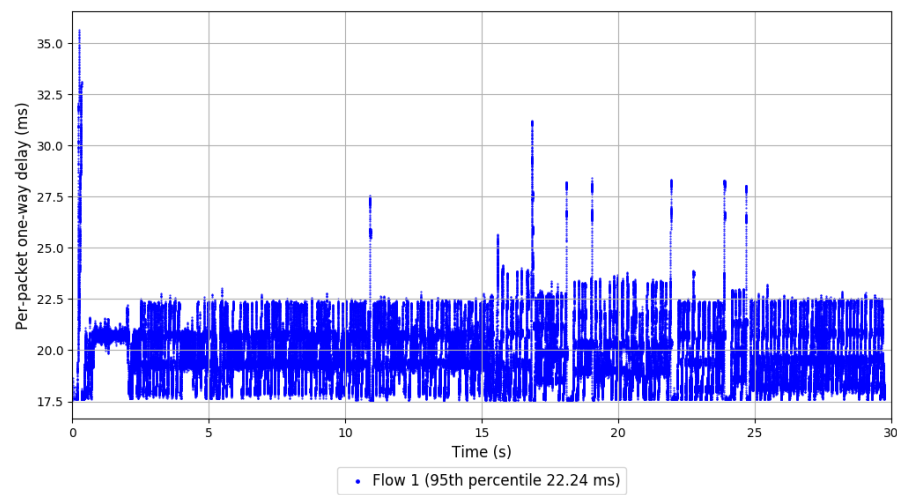
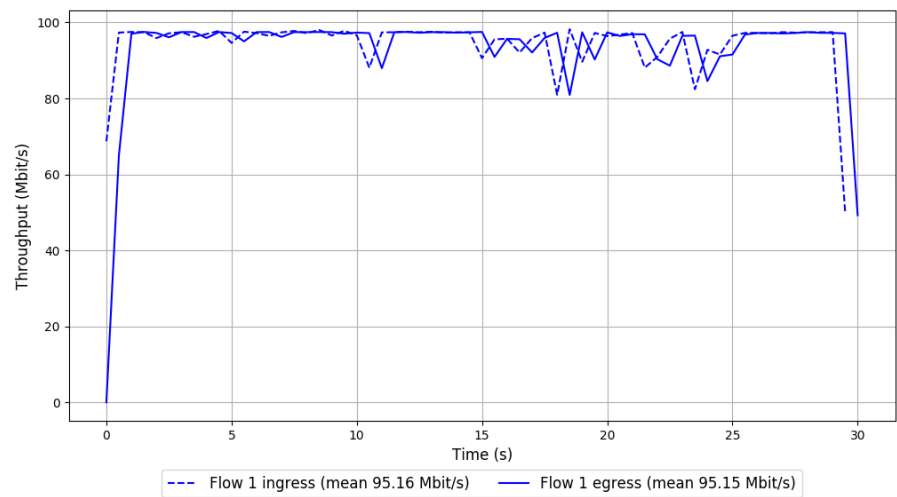
-- Flow 1:

Average throughput: 95.15 Mbit/s

95th percentile per-packet one-way delay: 22.241 ms

Loss rate: 0.09%

Run 2: Report of Muses_DecisionTreeH0 — Data Link

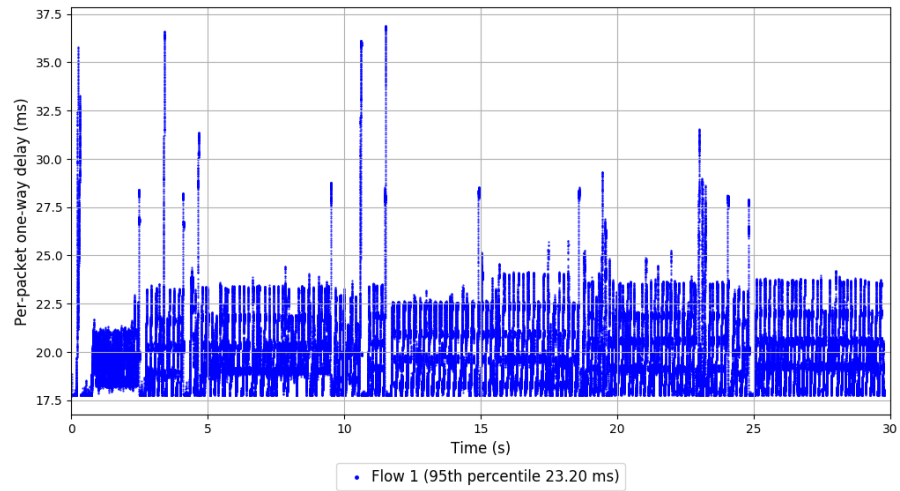
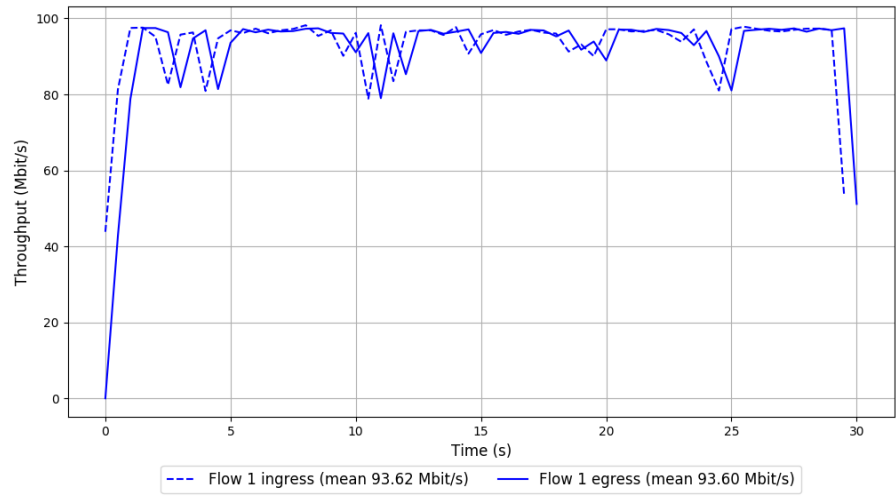


Run 3: Statistics of Muses_DecisionTreeH0

Start at: 2019-07-18 05:46:56
End at: 2019-07-18 05:47:26
Local clock offset: -0.758 ms
Remote clock offset: -0.619 ms

Below is generated by plot.py at 2019-07-18 07:22:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.60 Mbit/s
95th percentile per-packet one-way delay: 23.196 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 93.60 Mbit/s
95th percentile per-packet one-way delay: 23.196 ms
Loss rate: 0.10%

Run 3: Report of Muses_DecisionTreeH0 — Data Link

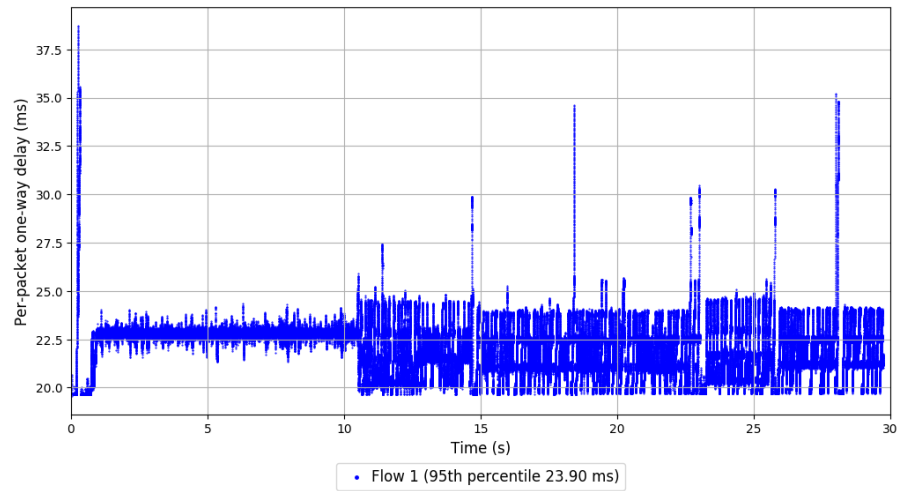
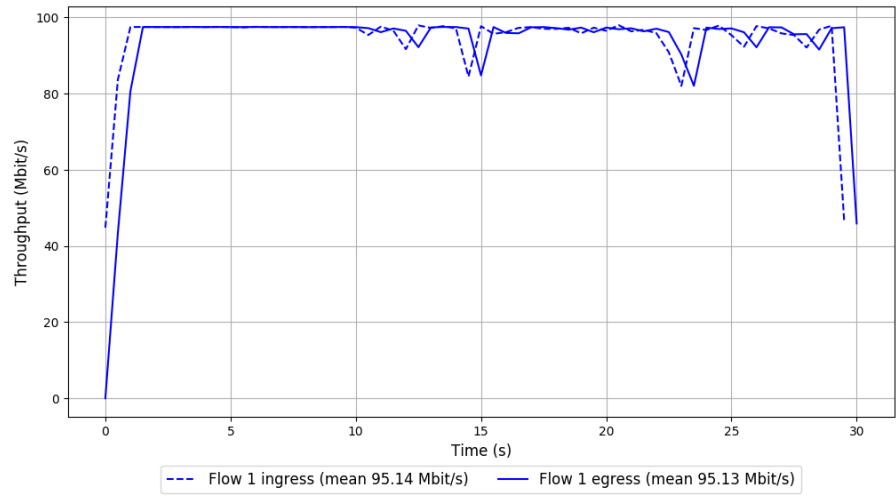


Run 4: Statistics of Muses_DecisionTreeH0

Start at: 2019-07-18 06:16:31
End at: 2019-07-18 06:17:01
Local clock offset: -1.018 ms
Remote clock offset: -3.352 ms

Below is generated by plot.py at 2019-07-18 07:23:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.13 Mbit/s
95th percentile per-packet one-way delay: 23.901 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 95.13 Mbit/s
95th percentile per-packet one-way delay: 23.901 ms
Loss rate: 0.10%

Run 4: Report of Muses_DecisionTreeH0 — Data Link



Run 5: Statistics of Muses_DecisionTreeH0

Start at: 2019-07-18 06:45:29

End at: 2019-07-18 06:45:59

Local clock offset: -0.419 ms

Remote clock offset: 0.653 ms

Below is generated by plot.py at 2019-07-18 07:23:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.51 Mbit/s

95th percentile per-packet one-way delay: 22.447 ms

Loss rate: 0.10%

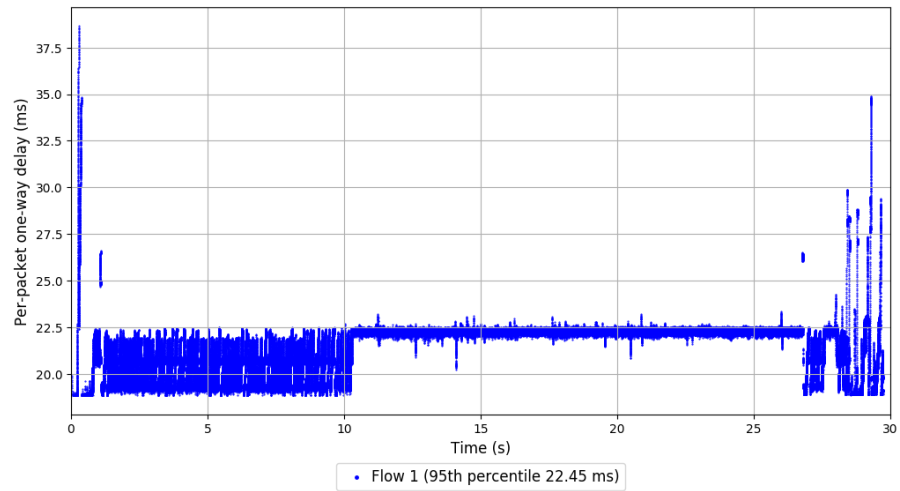
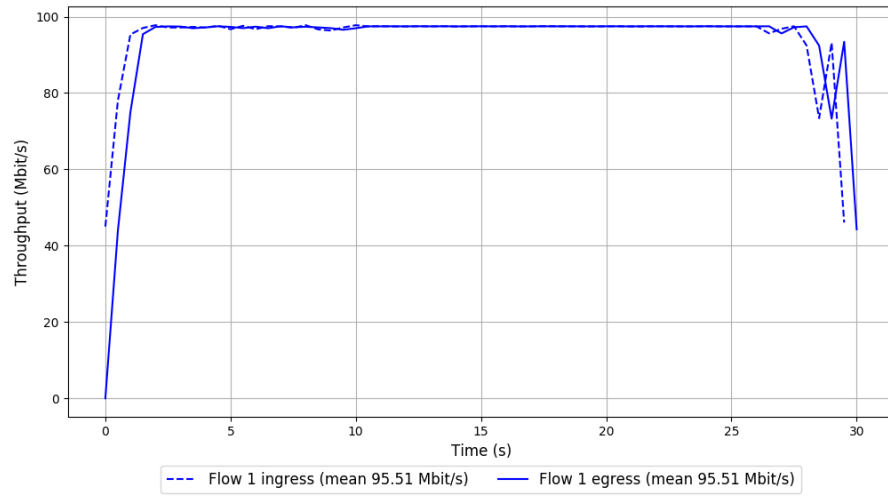
-- Flow 1:

Average throughput: 95.51 Mbit/s

95th percentile per-packet one-way delay: 22.447 ms

Loss rate: 0.10%

Run 5: Report of Muses_DecisionTreeH0 — Data Link



Run 1: Statistics of Muses_DecisionTreeR0

Start at: 2019-07-18 04:52:53
End at: 2019-07-18 04:53:23
Local clock offset: 7.914 ms
Remote clock offset: -3.192 ms

Below is generated by plot.py at 2019-07-18 07:23:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.23 Mbit/s

95th percentile per-packet one-way delay: 18.344 ms

Loss rate: 0.11%

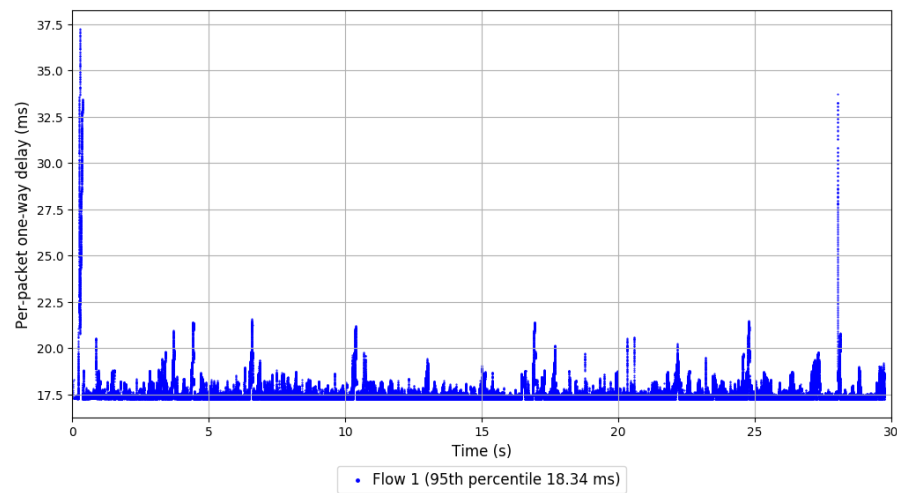
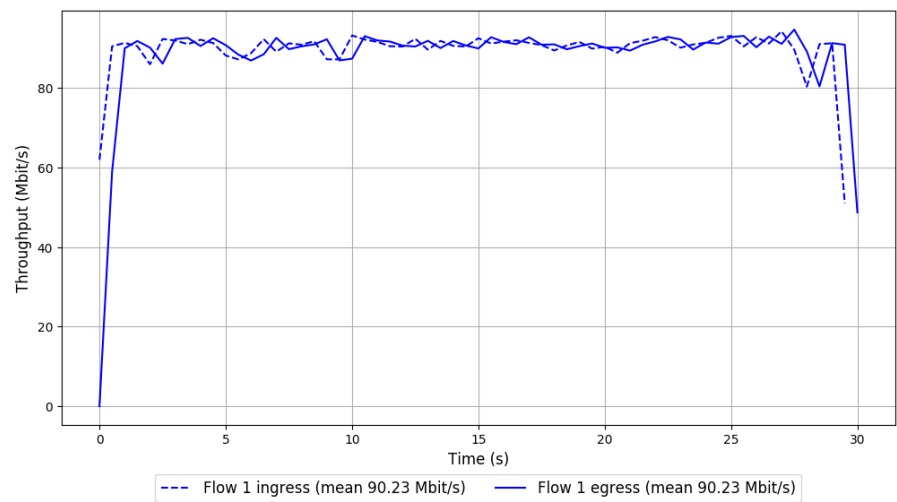
-- Flow 1:

Average throughput: 90.23 Mbit/s

95th percentile per-packet one-way delay: 18.344 ms

Loss rate: 0.11%

Run 1: Report of Muses_DecisionTreeR0 — Data Link

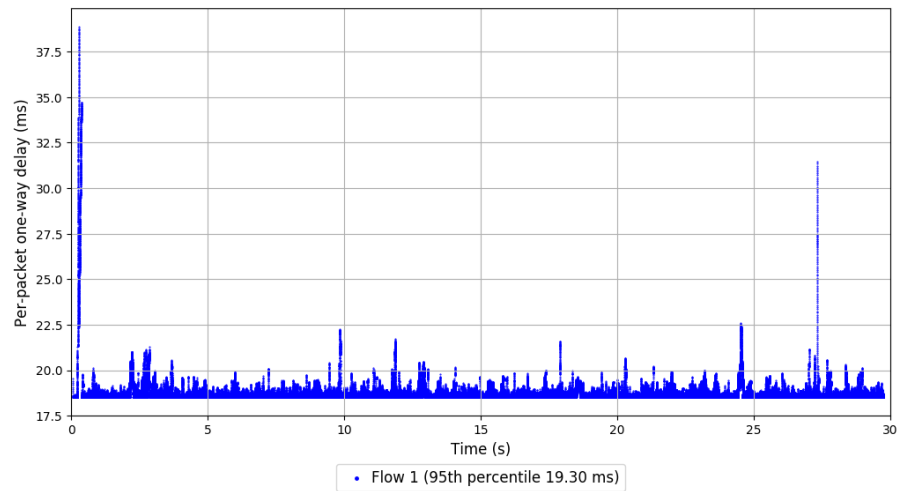
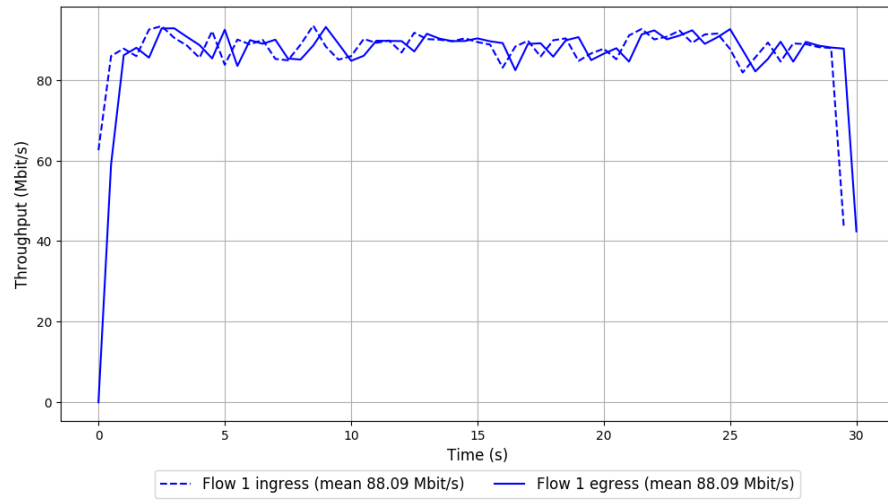


Run 2: Statistics of Muses_DecisionTreeR0

Start at: 2019-07-18 05:22:30
End at: 2019-07-18 05:23:00
Local clock offset: 0.521 ms
Remote clock offset: -0.744 ms

Below is generated by plot.py at 2019-07-18 07:23:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.09 Mbit/s
95th percentile per-packet one-way delay: 19.298 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 88.09 Mbit/s
95th percentile per-packet one-way delay: 19.298 ms
Loss rate: 0.09%

Run 2: Report of Muses_DecisionTreeR0 — Data Link

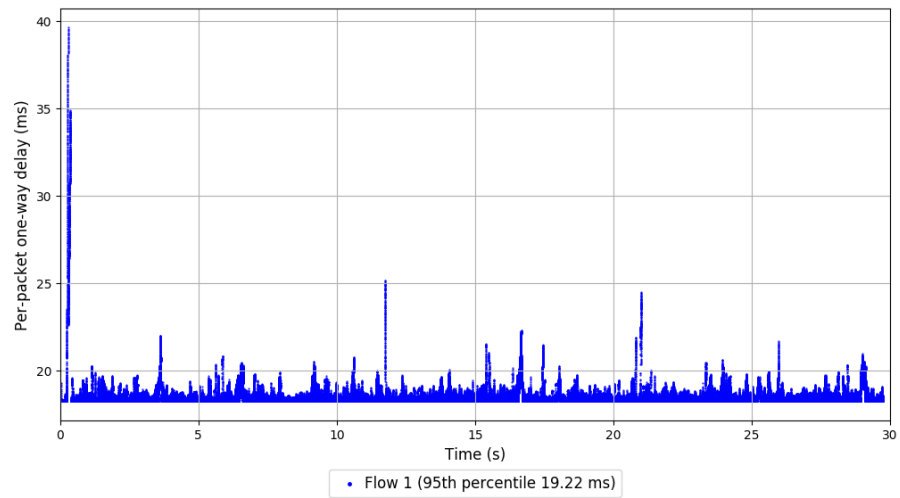
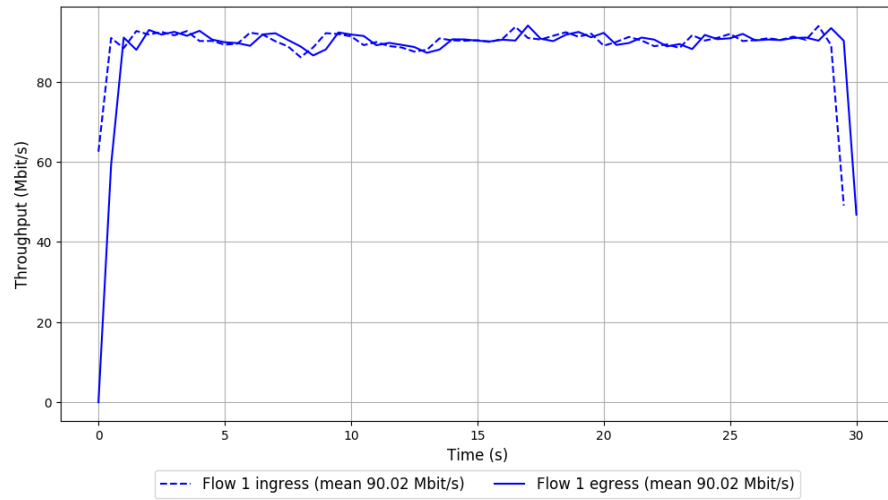


Run 3: Statistics of Muses_DecisionTreeR0

Start at: 2019-07-18 05:51:47
End at: 2019-07-18 05:52:17
Local clock offset: -0.206 ms
Remote clock offset: -0.649 ms

Below is generated by plot.py at 2019-07-18 07:23:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.02 Mbit/s
95th percentile per-packet one-way delay: 19.221 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 90.02 Mbit/s
95th percentile per-packet one-way delay: 19.221 ms
Loss rate: 0.10%

Run 3: Report of Muses_DecisionTreeR0 — Data Link

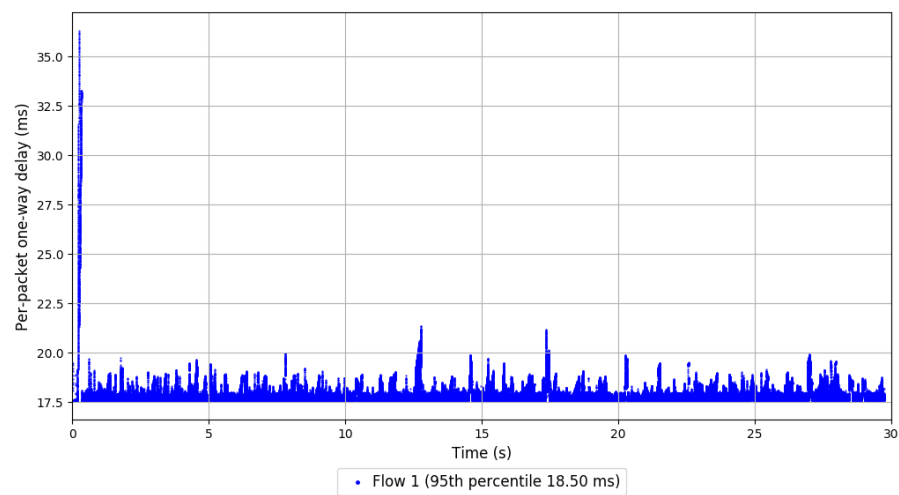
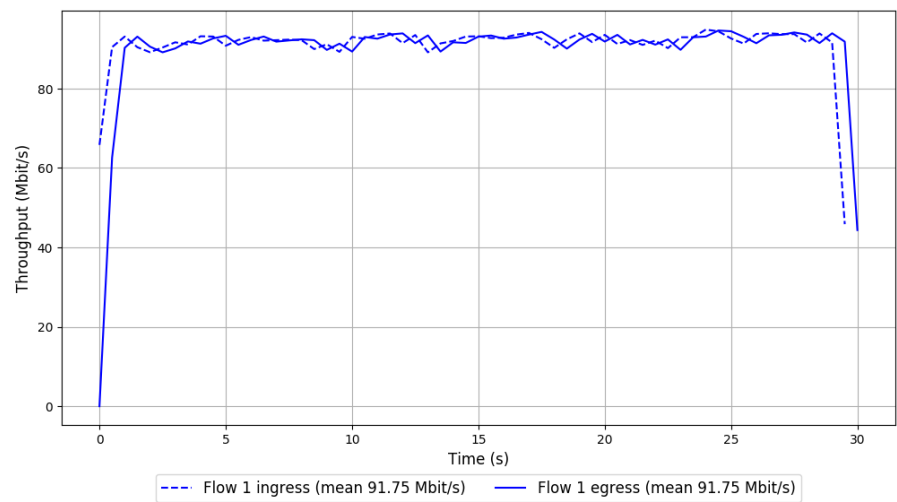


Run 4: Statistics of Muses_DecisionTreeR0

Start at: 2019-07-18 06:21:15
End at: 2019-07-18 06:21:45
Local clock offset: -1.551 ms
Remote clock offset: -1.218 ms

Below is generated by plot.py at 2019-07-18 07:23:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.75 Mbit/s
95th percentile per-packet one-way delay: 18.504 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 91.75 Mbit/s
95th percentile per-packet one-way delay: 18.504 ms
Loss rate: 0.09%

Run 4: Report of Muses_DecisionTreeR0 — Data Link



Run 5: Statistics of Muses_DecisionTreeR0

Start at: 2019-07-18 06:50:18

End at: 2019-07-18 06:50:48

Local clock offset: -1.653 ms

Remote clock offset: 0.473 ms

Below is generated by plot.py at 2019-07-18 07:23:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.12 Mbit/s

95th percentile per-packet one-way delay: 19.029 ms

Loss rate: 0.10%

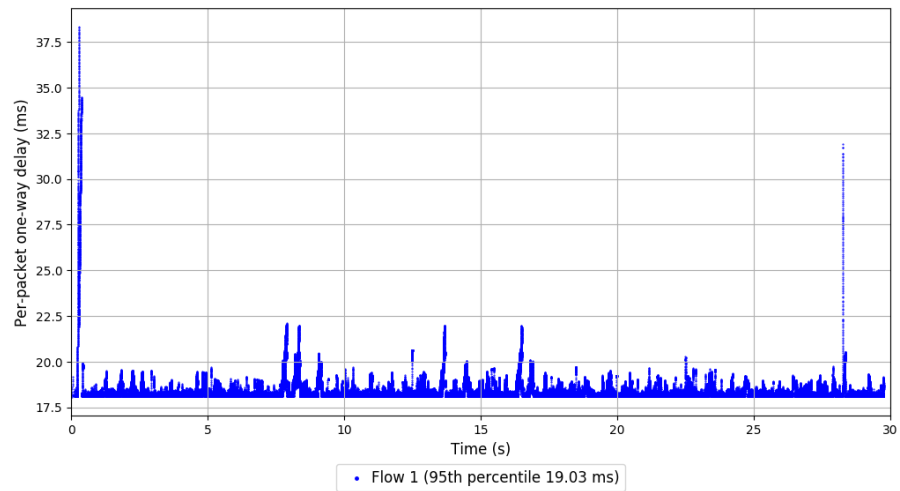
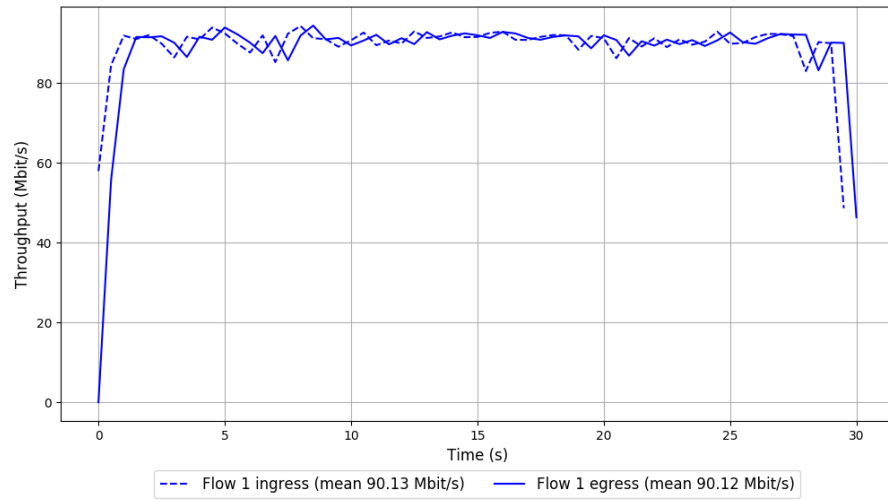
-- Flow 1:

Average throughput: 90.12 Mbit/s

95th percentile per-packet one-way delay: 19.029 ms

Loss rate: 0.10%

Run 5: Report of Muses_DecisionTreeR0 — Data Link



Run 1: Statistics of PCC-Allegro

Start at: 2019-07-18 05:06:22

End at: 2019-07-18 05:06:52

Local clock offset: 1.936 ms

Remote clock offset: -1.94 ms

Below is generated by plot.py at 2019-07-18 07:23:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.04 Mbit/s

95th percentile per-packet one-way delay: 21.093 ms

Loss rate: 0.10%

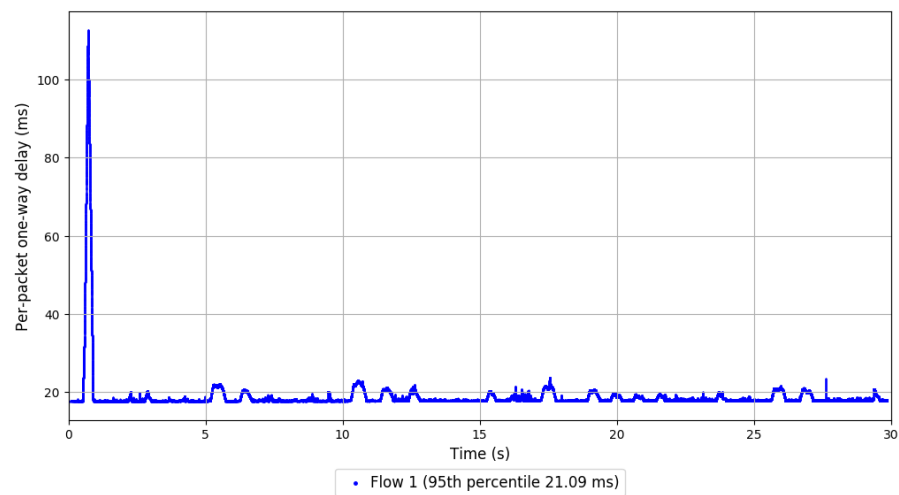
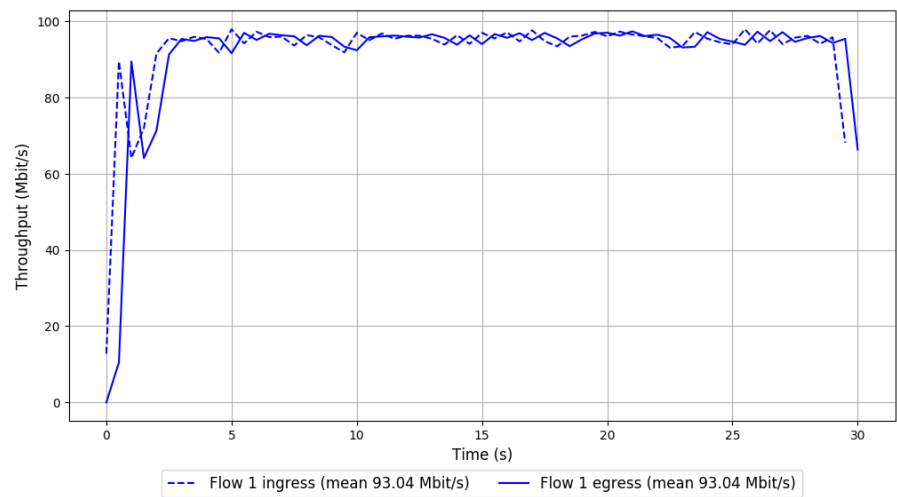
-- Flow 1:

Average throughput: 93.04 Mbit/s

95th percentile per-packet one-way delay: 21.093 ms

Loss rate: 0.10%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2019-07-18 05:35:40

End at: 2019-07-18 05:36:10

Local clock offset: 0.304 ms

Remote clock offset: -1.647 ms

Below is generated by plot.py at 2019-07-18 07:24:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.87 Mbit/s

95th percentile per-packet one-way delay: 22.668 ms

Loss rate: 0.10%

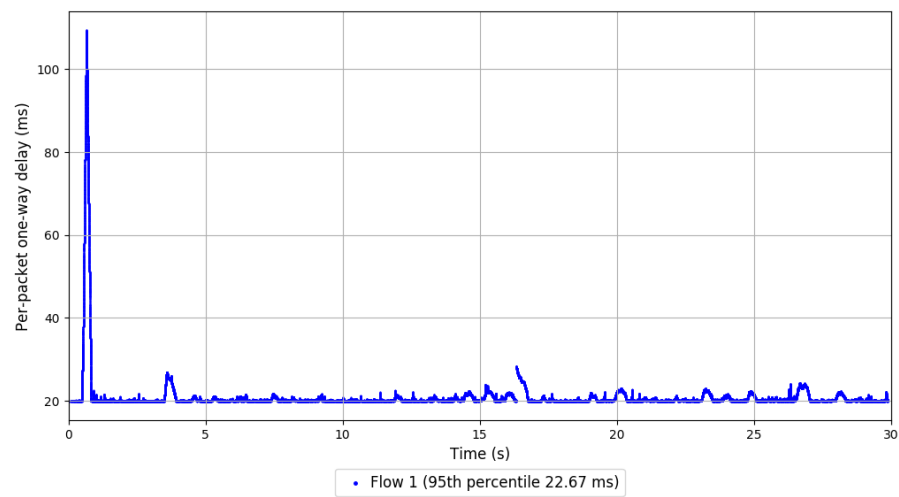
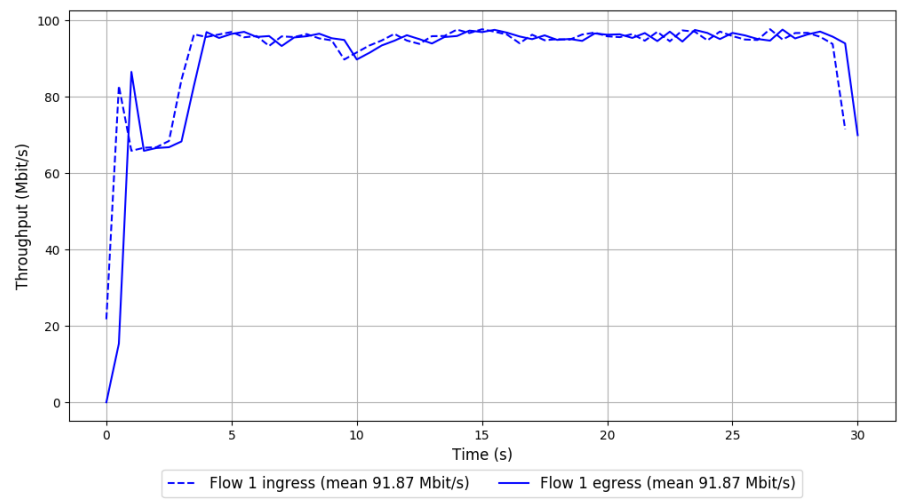
-- Flow 1:

Average throughput: 91.87 Mbit/s

95th percentile per-packet one-way delay: 22.668 ms

Loss rate: 0.10%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2019-07-18 06:05:04

End at: 2019-07-18 06:05:34

Local clock offset: -0.276 ms

Remote clock offset: -1.277 ms

Below is generated by plot.py at 2019-07-18 07:24:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.57 Mbit/s

95th percentile per-packet one-way delay: 22.311 ms

Loss rate: 0.10%

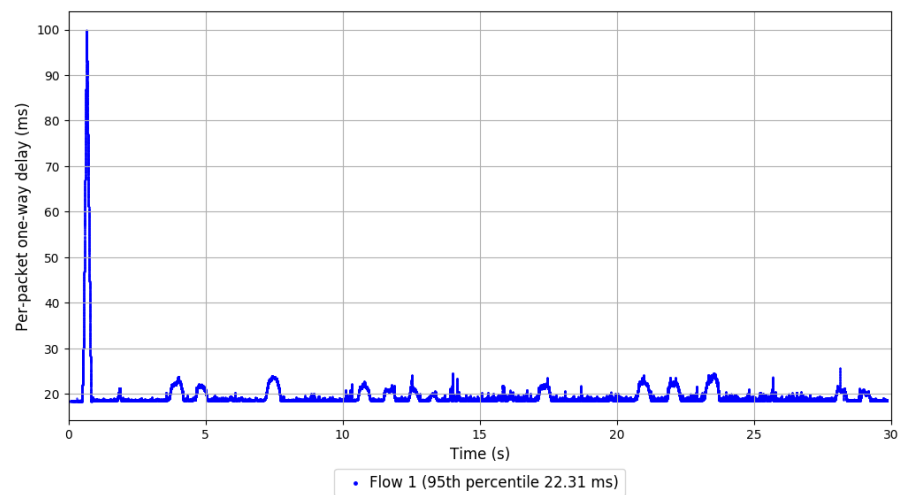
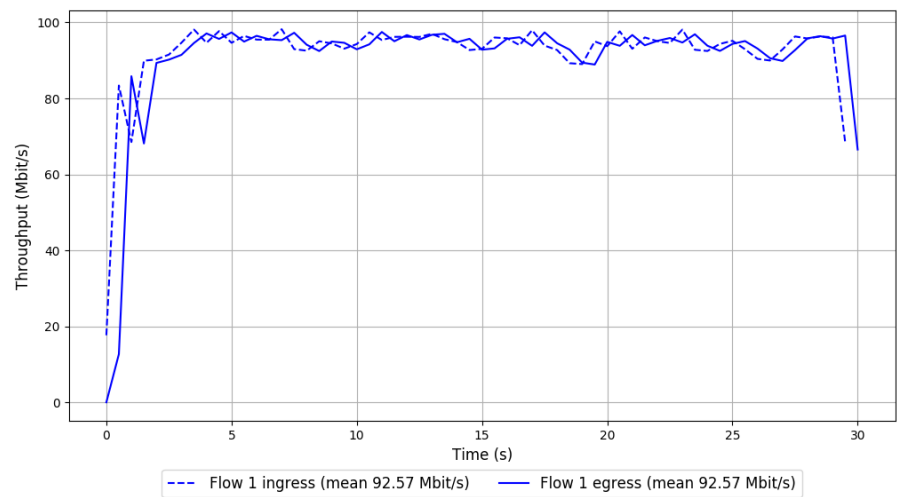
-- Flow 1:

Average throughput: 92.57 Mbit/s

95th percentile per-packet one-way delay: 22.311 ms

Loss rate: 0.10%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2019-07-18 06:34:33

End at: 2019-07-18 06:35:03

Local clock offset: -1.479 ms

Remote clock offset: 0.155 ms

Below is generated by plot.py at 2019-07-18 07:24:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.93 Mbit/s

95th percentile per-packet one-way delay: 19.851 ms

Loss rate: 0.11%

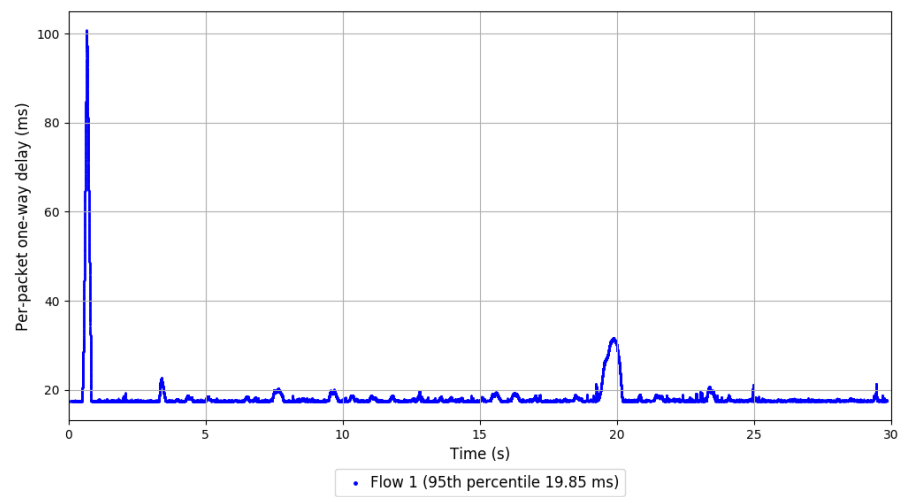
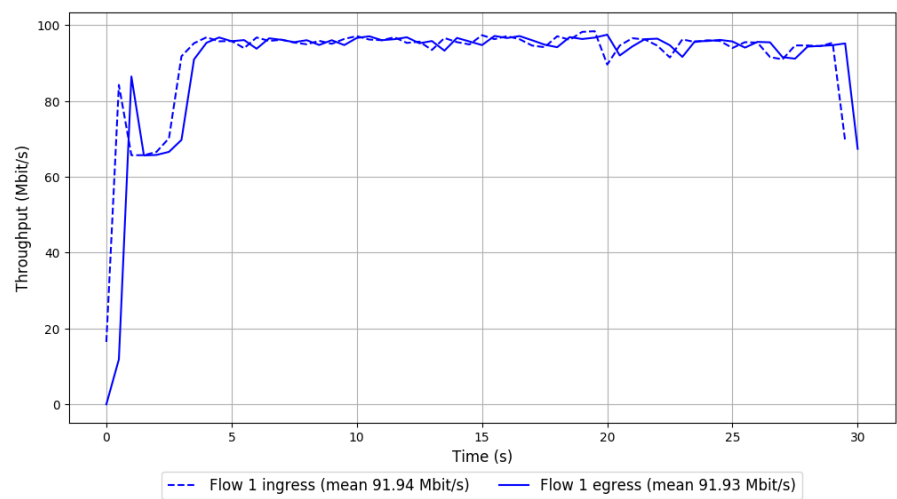
-- Flow 1:

Average throughput: 91.93 Mbit/s

95th percentile per-packet one-way delay: 19.851 ms

Loss rate: 0.11%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2019-07-18 07:03:19

End at: 2019-07-18 07:03:49

Local clock offset: -0.224 ms

Remote clock offset: -0.254 ms

Below is generated by plot.py at 2019-07-18 07:24:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.24 Mbit/s

95th percentile per-packet one-way delay: 20.452 ms

Loss rate: 0.11%

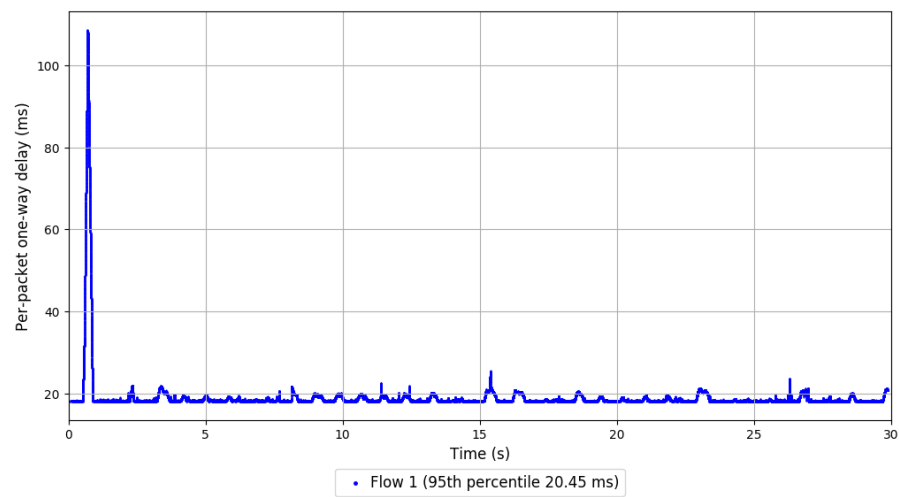
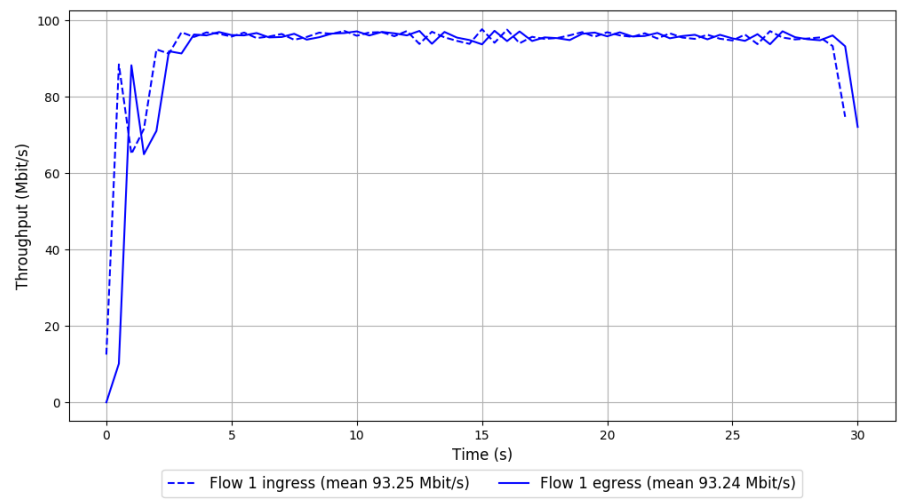
-- Flow 1:

Average throughput: 93.24 Mbit/s

95th percentile per-packet one-way delay: 20.452 ms

Loss rate: 0.11%

Run 5: Report of PCC-Allegro — Data Link

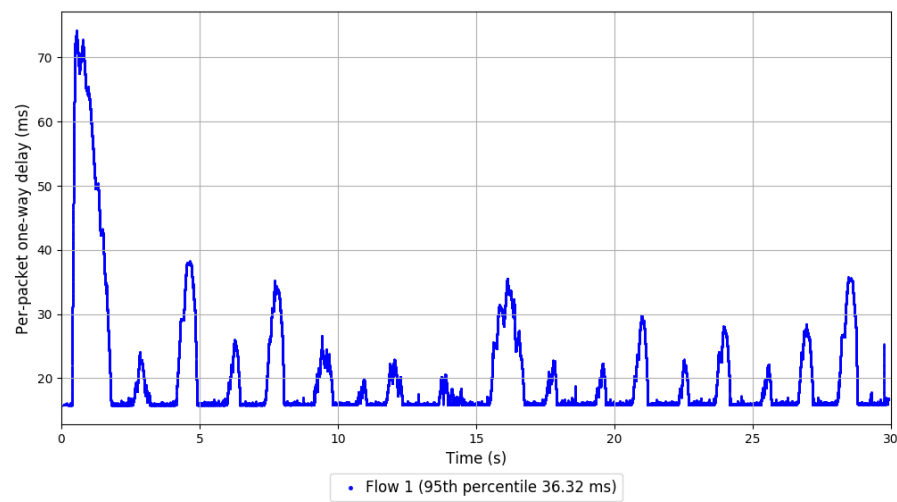
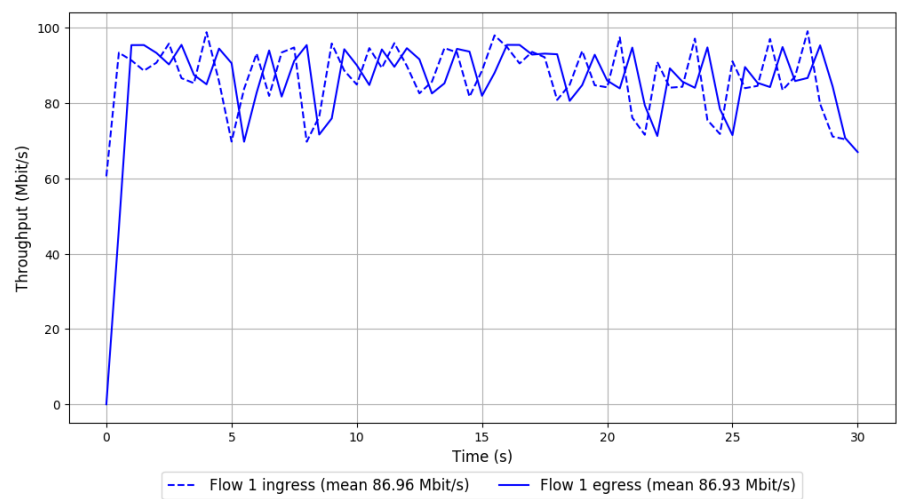


Run 1: Statistics of PCC-Expr

Start at: 2019-07-18 05:10:10
End at: 2019-07-18 05:10:40
Local clock offset: 0.624 ms
Remote clock offset: -0.177 ms

Below is generated by plot.py at 2019-07-18 07:25:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.93 Mbit/s
95th percentile per-packet one-way delay: 36.317 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 86.93 Mbit/s
95th percentile per-packet one-way delay: 36.317 ms
Loss rate: 0.13%

Run 1: Report of PCC-Expr — Data Link

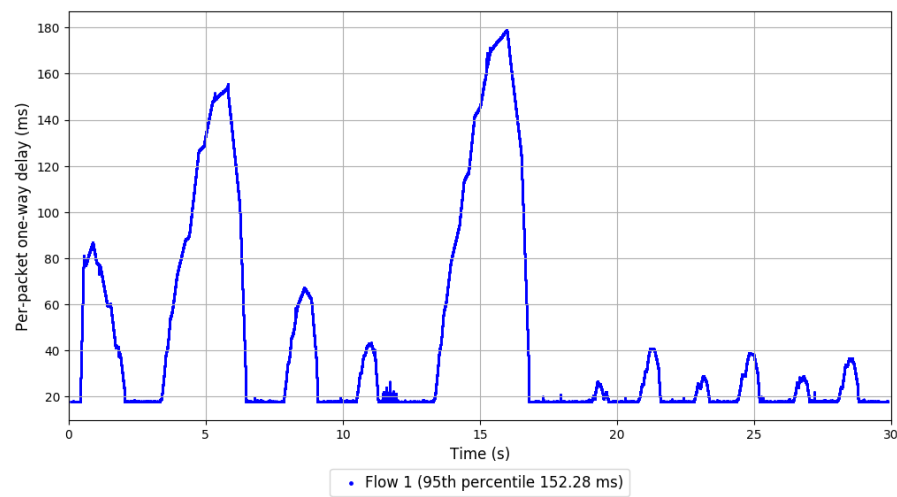
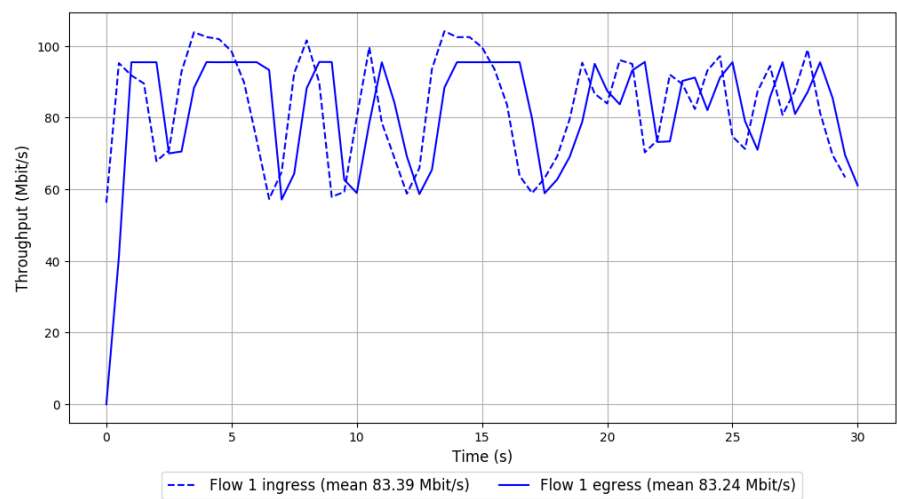


Run 2: Statistics of PCC-Expr

Start at: 2019-07-18 05:39:24
End at: 2019-07-18 05:39:54
Local clock offset: -0.604 ms
Remote clock offset: -0.516 ms

Below is generated by plot.py at 2019-07-18 07:25:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.24 Mbit/s
95th percentile per-packet one-way delay: 152.285 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 83.24 Mbit/s
95th percentile per-packet one-way delay: 152.285 ms
Loss rate: 0.29%

Run 2: Report of PCC-Expr — Data Link

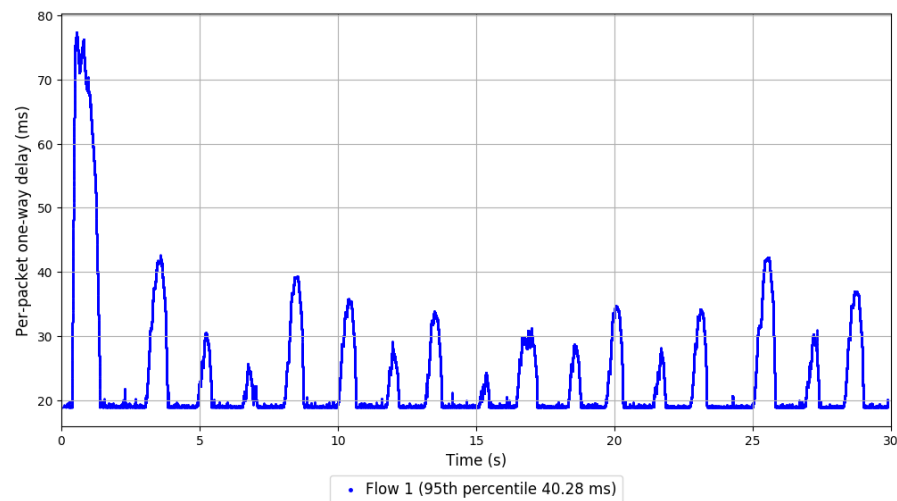
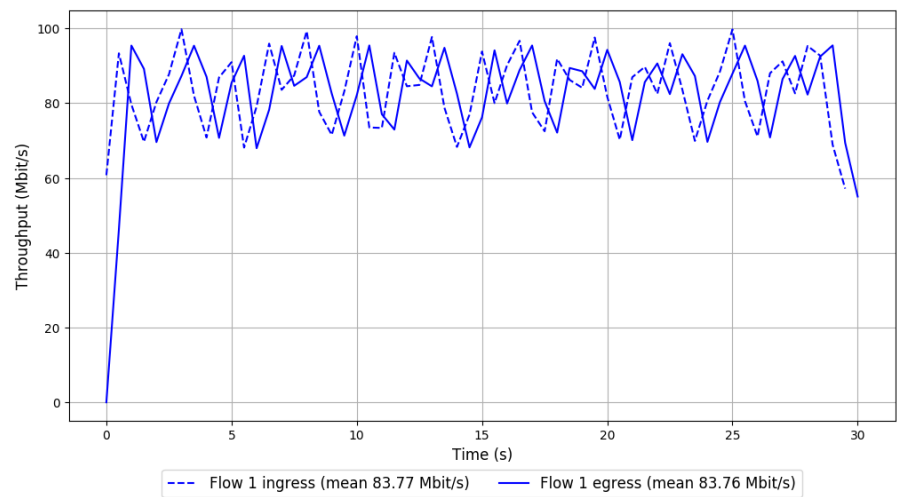


Run 3: Statistics of PCC-Expr

Start at: 2019-07-18 06:08:45
End at: 2019-07-18 06:09:15
Local clock offset: -0.085 ms
Remote clock offset: -1.567 ms

Below is generated by plot.py at 2019-07-18 07:25:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.76 Mbit/s
95th percentile per-packet one-way delay: 40.276 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 83.76 Mbit/s
95th percentile per-packet one-way delay: 40.276 ms
Loss rate: 0.12%

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

Start at: 2019-07-18 06:38:08

End at: 2019-07-18 06:38:38

Local clock offset: -0.651 ms

Remote clock offset: 0.154 ms

Below is generated by plot.py at 2019-07-18 07:25:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.26 Mbit/s

95th percentile per-packet one-way delay: 65.739 ms

Loss rate: 0.14%

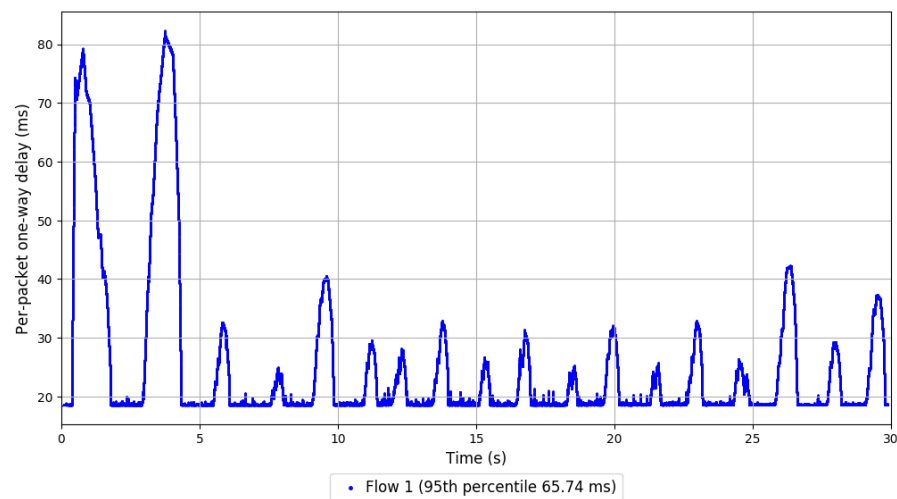
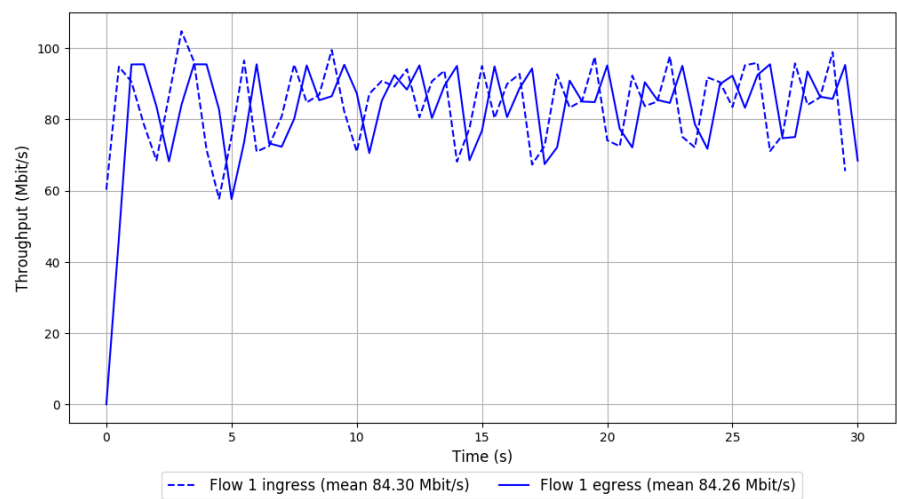
-- Flow 1:

Average throughput: 84.26 Mbit/s

95th percentile per-packet one-way delay: 65.739 ms

Loss rate: 0.14%

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

Start at: 2019-07-18 07:06:53

End at: 2019-07-18 07:07:23

Local clock offset: 0.539 ms

Remote clock offset: -0.48 ms

Below is generated by plot.py at 2019-07-18 07:26:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.96 Mbit/s

95th percentile per-packet one-way delay: 41.387 ms

Loss rate: 0.21%

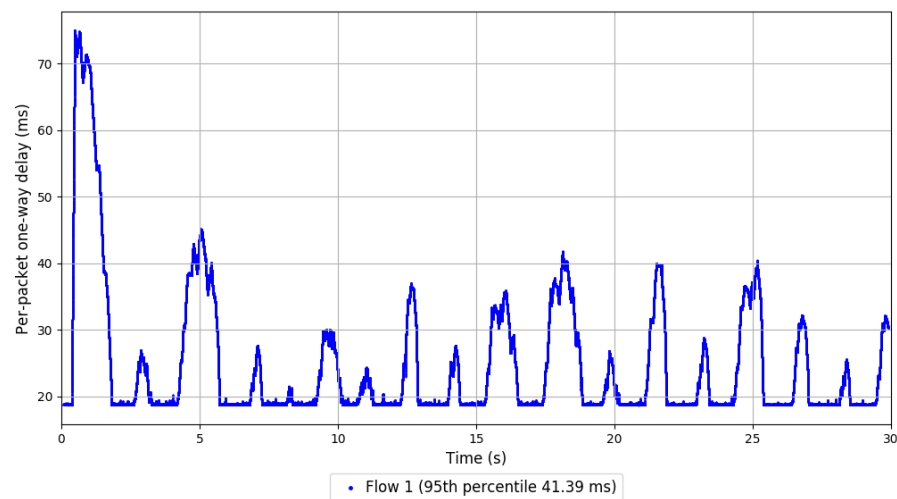
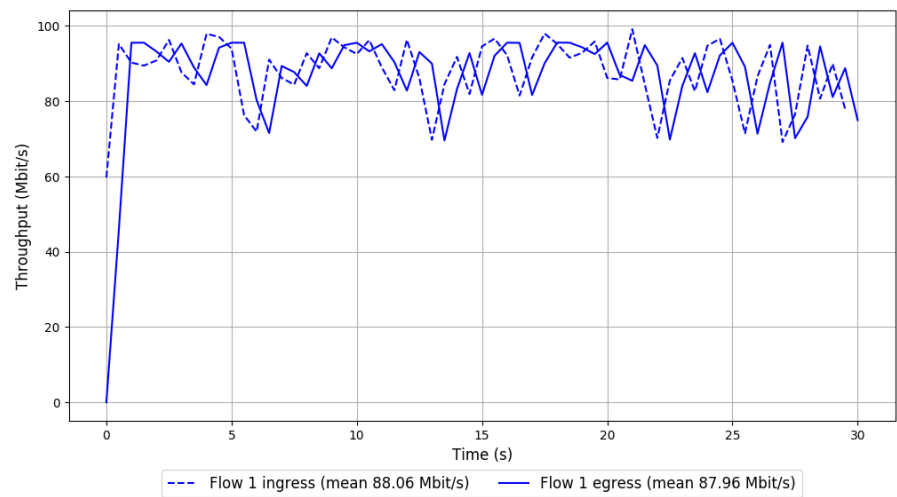
-- Flow 1:

Average throughput: 87.96 Mbit/s

95th percentile per-packet one-way delay: 41.387 ms

Loss rate: 0.21%

Run 5: Report of PCC-Expr — Data Link

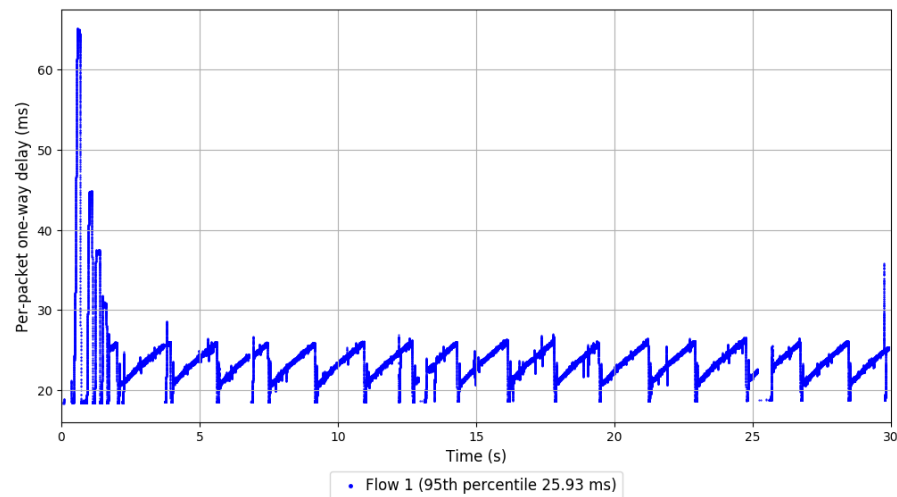
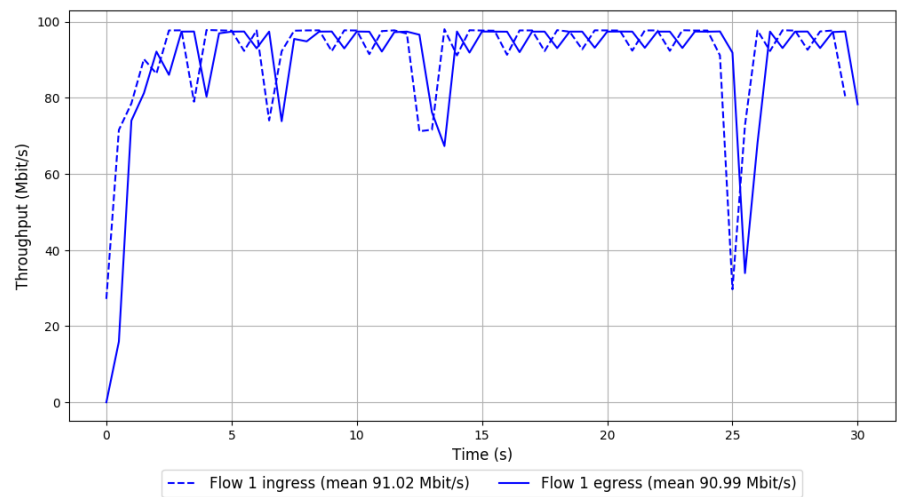


Run 1: Statistics of QUIC Cubic

Start at: 2019-07-18 05:00:11
End at: 2019-07-18 05:00:41
Local clock offset: 3.404 ms
Remote clock offset: -4.165 ms

Below is generated by plot.py at 2019-07-18 07:26:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.99 Mbit/s
95th percentile per-packet one-way delay: 25.928 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 90.99 Mbit/s
95th percentile per-packet one-way delay: 25.928 ms
Loss rate: 0.13%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2019-07-18 05:29:45

End at: 2019-07-18 05:30:15

Local clock offset: -0.954 ms

Remote clock offset: 0.408 ms

Below is generated by plot.py at 2019-07-18 07:26:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.98 Mbit/s

95th percentile per-packet one-way delay: 23.714 ms

Loss rate: 0.13%

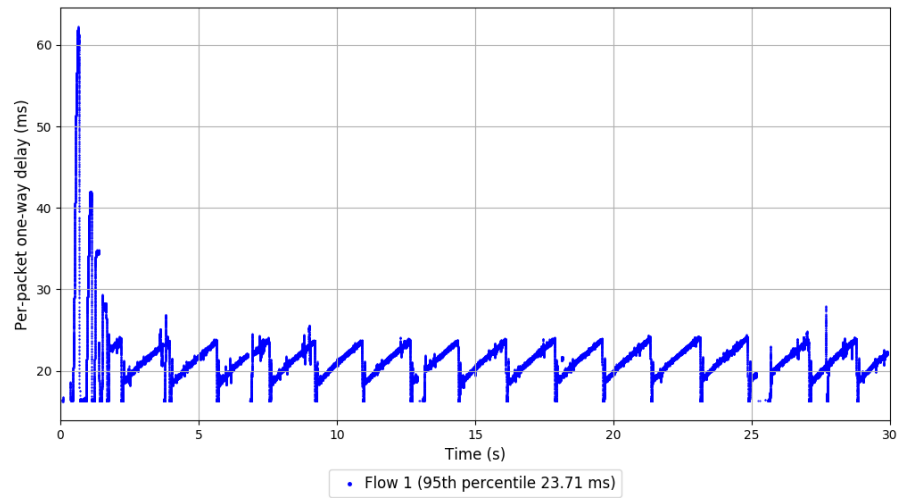
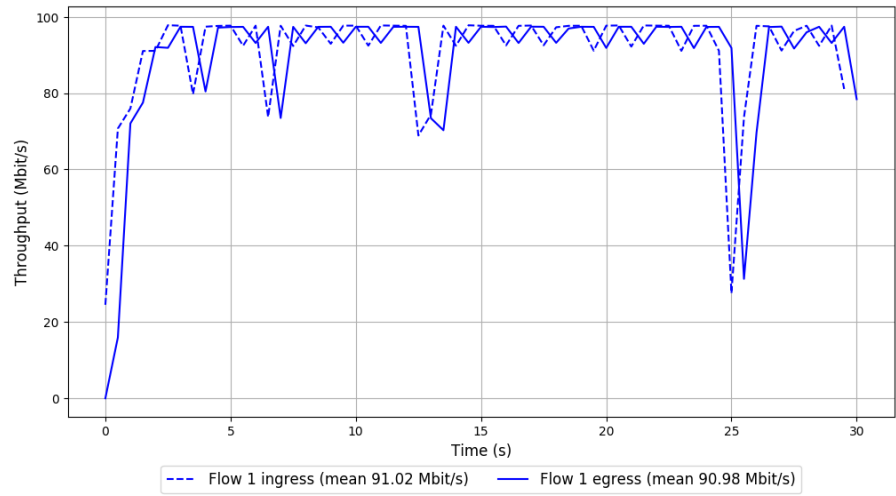
-- Flow 1:

Average throughput: 90.98 Mbit/s

95th percentile per-packet one-way delay: 23.714 ms

Loss rate: 0.13%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2019-07-18 05:59:04

End at: 2019-07-18 05:59:34

Local clock offset: 0.169 ms

Remote clock offset: -1.851 ms

Below is generated by plot.py at 2019-07-18 07:26:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.20 Mbit/s

95th percentile per-packet one-way delay: 27.459 ms

Loss rate: 0.12%

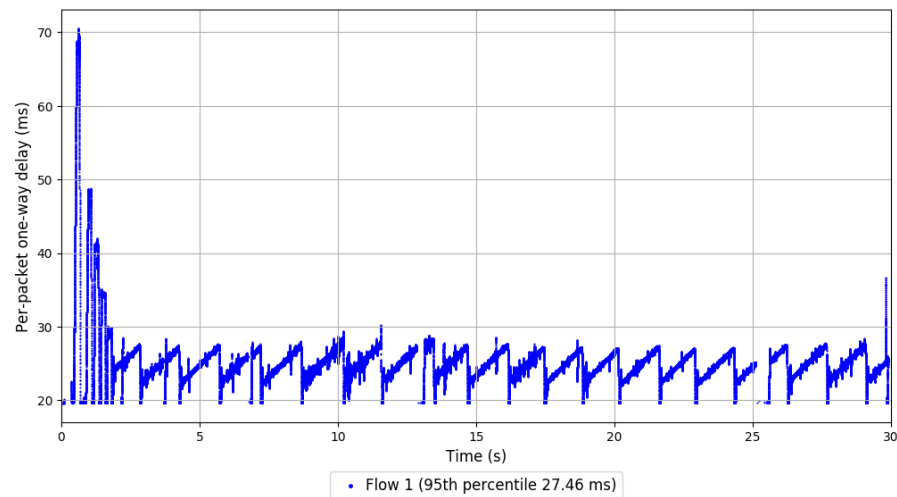
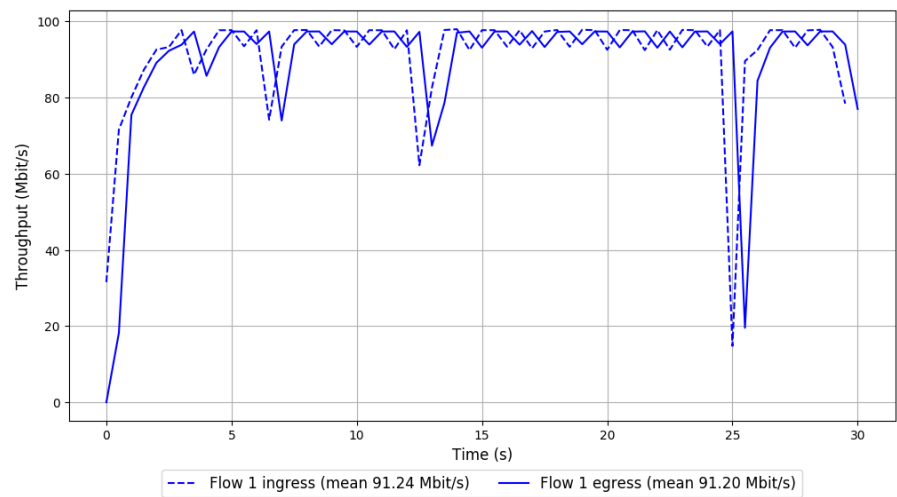
-- Flow 1:

Average throughput: 91.20 Mbit/s

95th percentile per-packet one-way delay: 27.459 ms

Loss rate: 0.12%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2019-07-18 06:28:35

End at: 2019-07-18 06:29:05

Local clock offset: -0.901 ms

Remote clock offset: -0.094 ms

Below is generated by plot.py at 2019-07-18 07:26:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.74 Mbit/s

95th percentile per-packet one-way delay: 25.388 ms

Loss rate: 0.13%

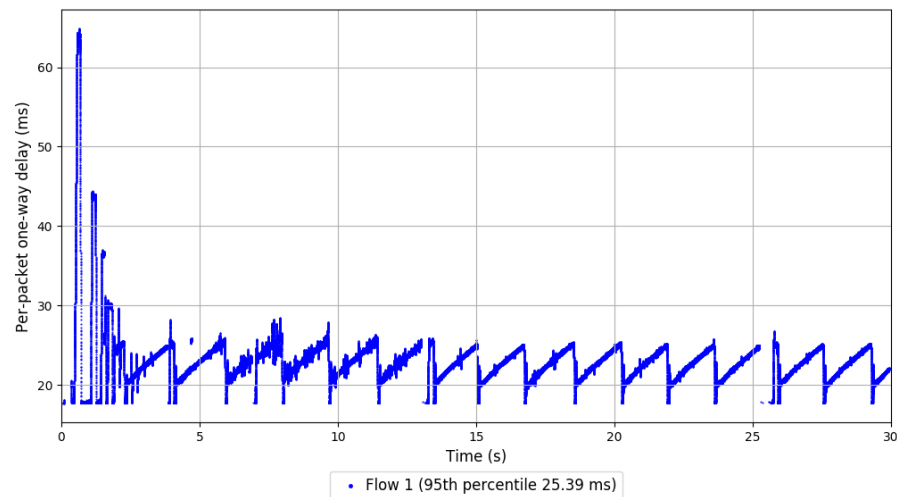
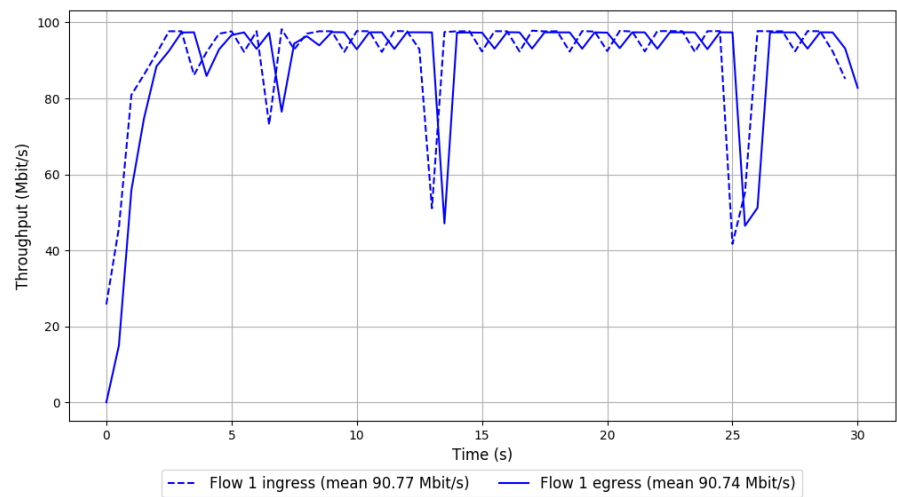
-- Flow 1:

Average throughput: 90.74 Mbit/s

95th percentile per-packet one-way delay: 25.388 ms

Loss rate: 0.13%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2019-07-18 06:57:22

End at: 2019-07-18 06:57:52

Local clock offset: -0.336 ms

Remote clock offset: 0.033 ms

Below is generated by plot.py at 2019-07-18 07:26:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.49 Mbit/s

95th percentile per-packet one-way delay: 26.494 ms

Loss rate: 0.13%

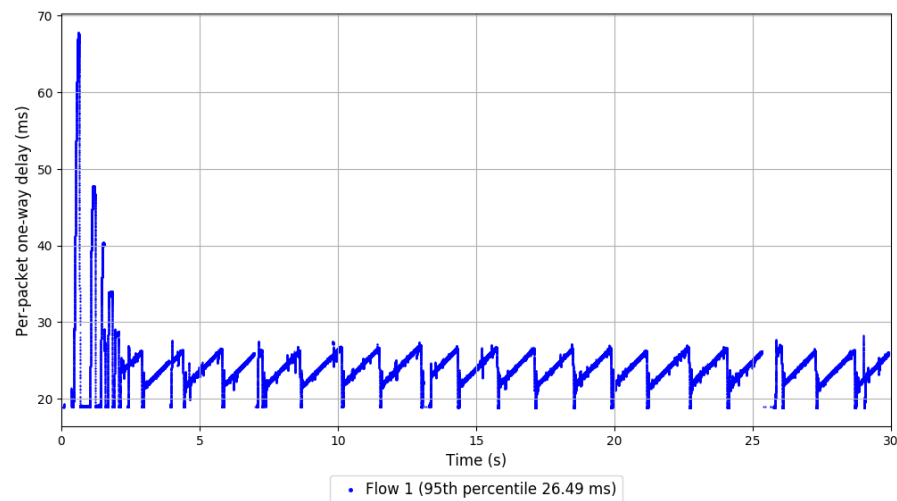
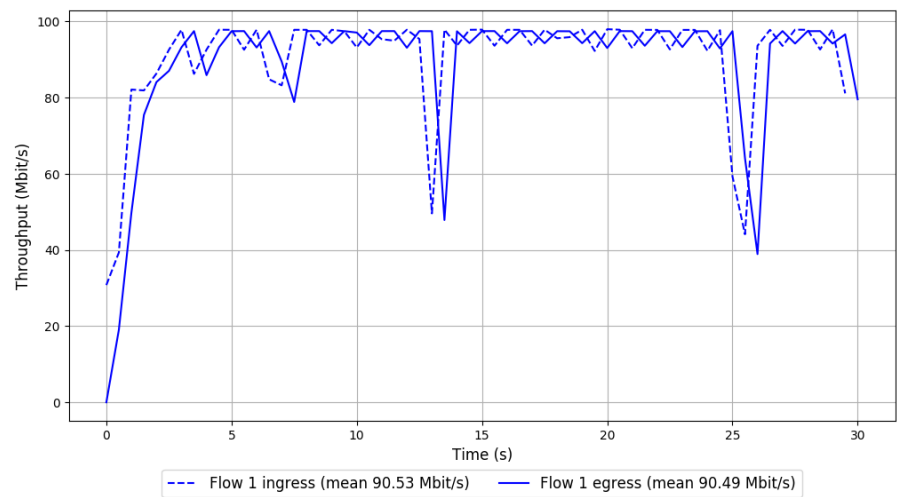
-- Flow 1:

Average throughput: 90.49 Mbit/s

95th percentile per-packet one-way delay: 26.494 ms

Loss rate: 0.13%

Run 5: Report of QUIC Cubic — Data Link

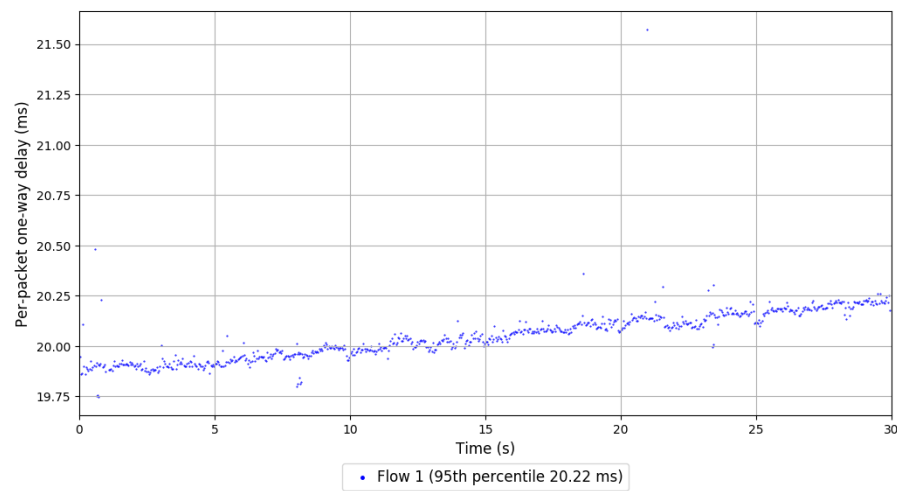
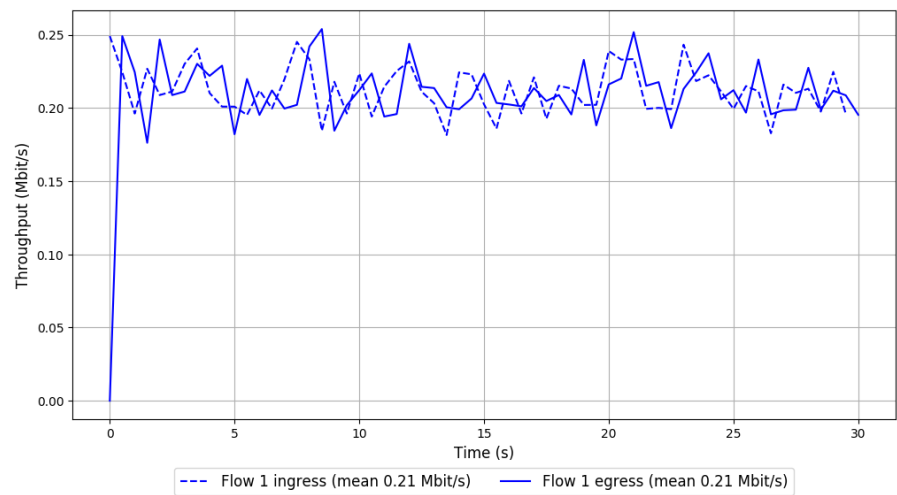


Run 1: Statistics of SCReAM

Start at: 2019-07-18 04:59:05
End at: 2019-07-18 04:59:35
Local clock offset: 4.887 ms
Remote clock offset: -4.801 ms

Below is generated by plot.py at 2019-07-18 07:26:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 20.218 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 20.218 ms
Loss rate: 0.13%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2019-07-18 05:28:40

End at: 2019-07-18 05:29:10

Local clock offset: -0.662 ms

Remote clock offset: 0.571 ms

Below is generated by plot.py at 2019-07-18 07:26:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 16.539 ms

Loss rate: 0.13%

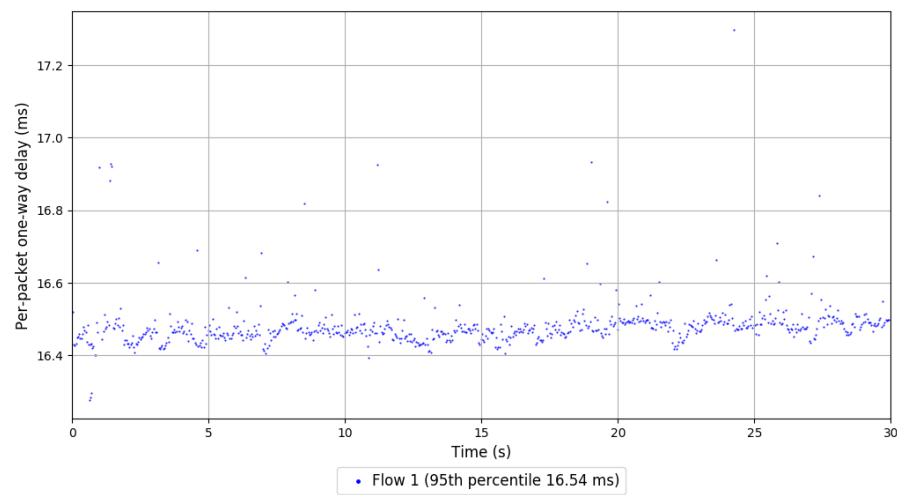
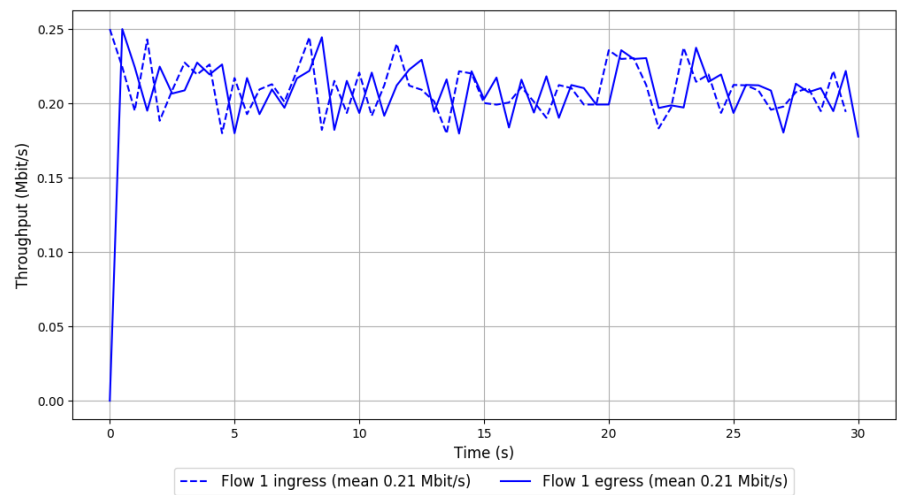
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 16.539 ms

Loss rate: 0.13%

Run 2: Report of SCReAM — Data Link

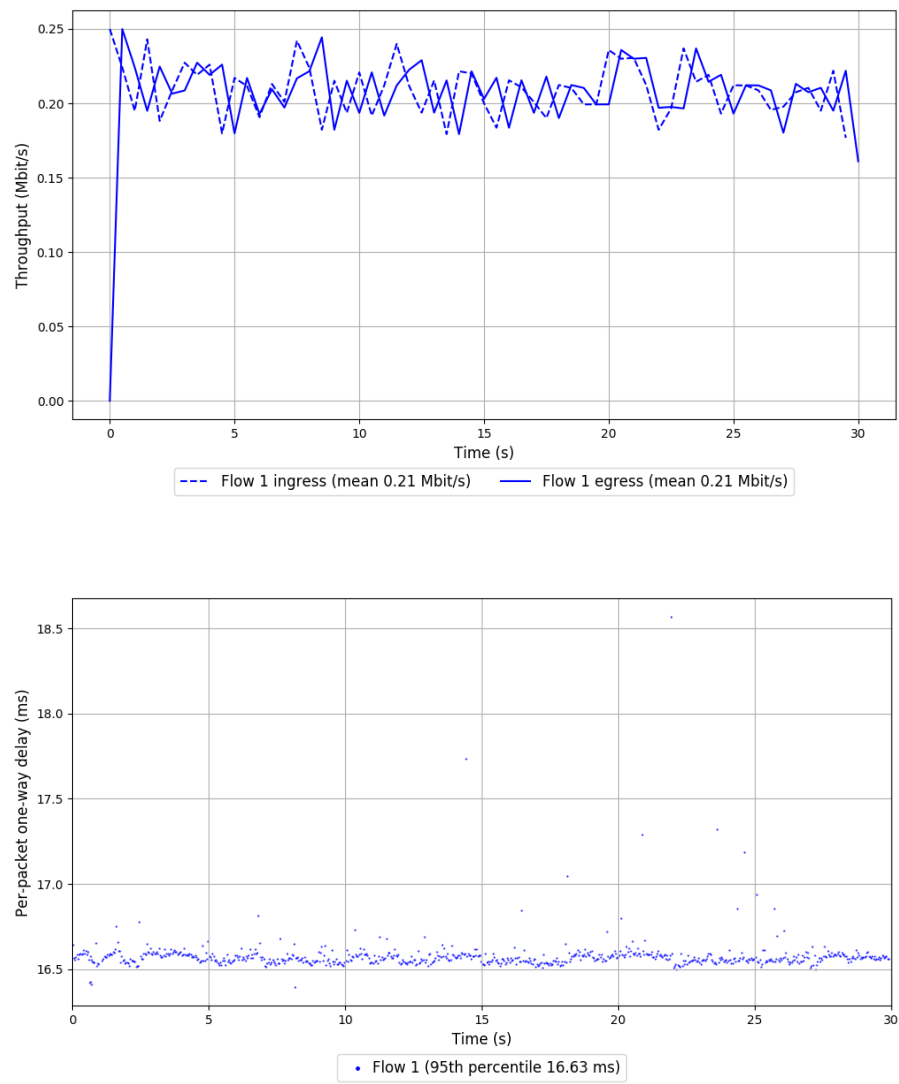


Run 3: Statistics of SCReAM

Start at: 2019-07-18 05:57:59
End at: 2019-07-18 05:58:29
Local clock offset: -1.6 ms
Remote clock offset: -0.428 ms

Below is generated by plot.py at 2019-07-18 07:26:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 16.631 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 16.631 ms
Loss rate: 0.13%

Run 3: Report of SReAM — Data Link

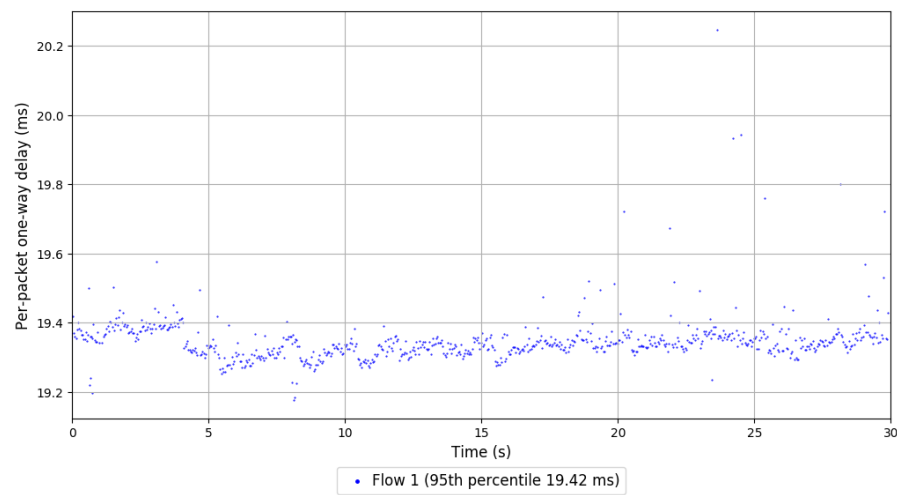
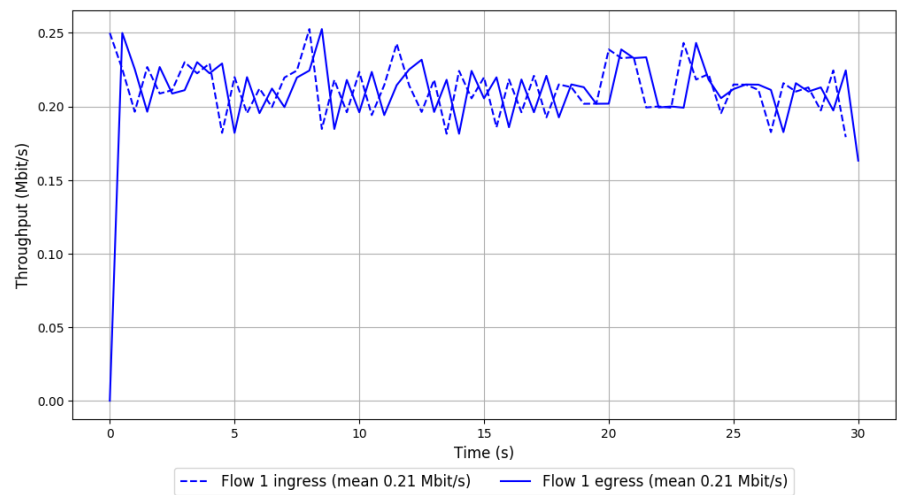


Run 4: Statistics of SCReAM

Start at: 2019-07-18 06:27:30
End at: 2019-07-18 06:28:00
Local clock offset: 0.049 ms
Remote clock offset: -0.806 ms

Below is generated by plot.py at 2019-07-18 07:26:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 19.418 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 19.418 ms
Loss rate: 0.13%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2019-07-18 06:56:17

End at: 2019-07-18 06:56:47

Local clock offset: -0.641 ms

Remote clock offset: 1.973 ms

Below is generated by plot.py at 2019-07-18 07:26:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 17.004 ms

Loss rate: 0.13%

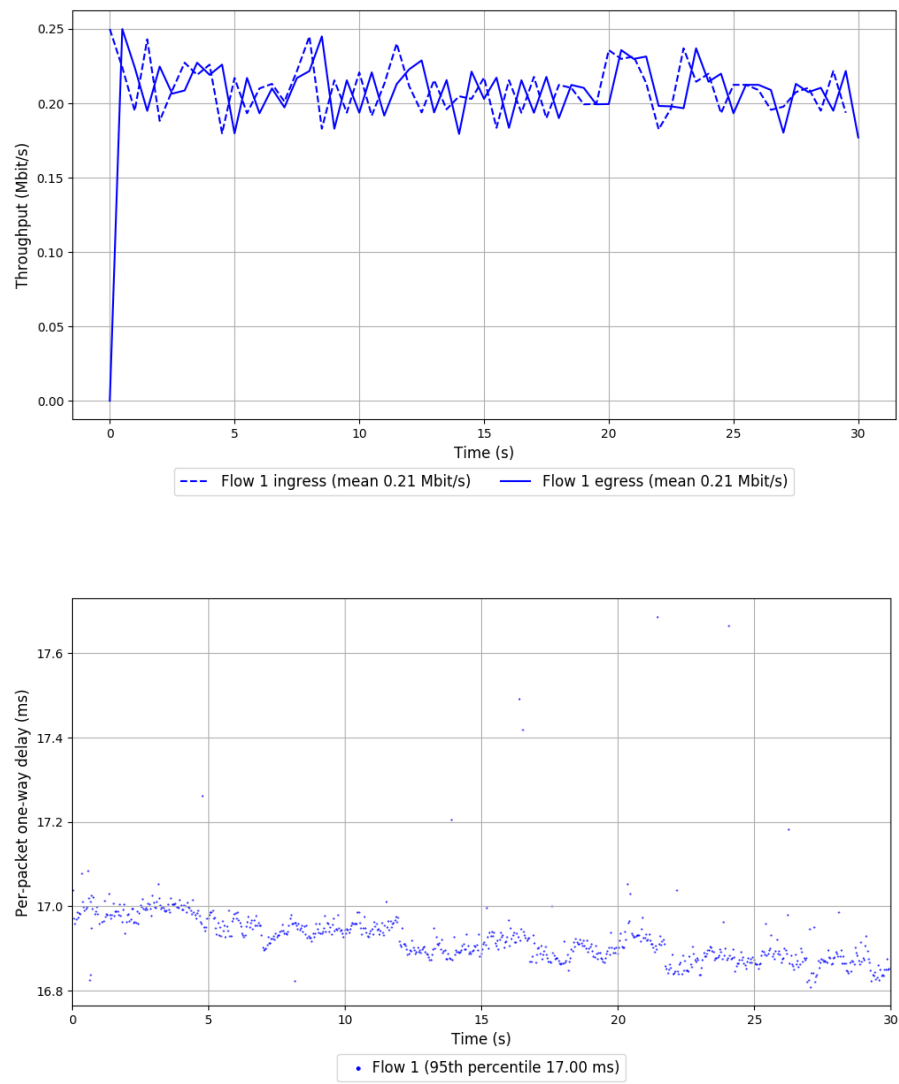
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 17.004 ms

Loss rate: 0.13%

Run 5: Report of SReAM — Data Link

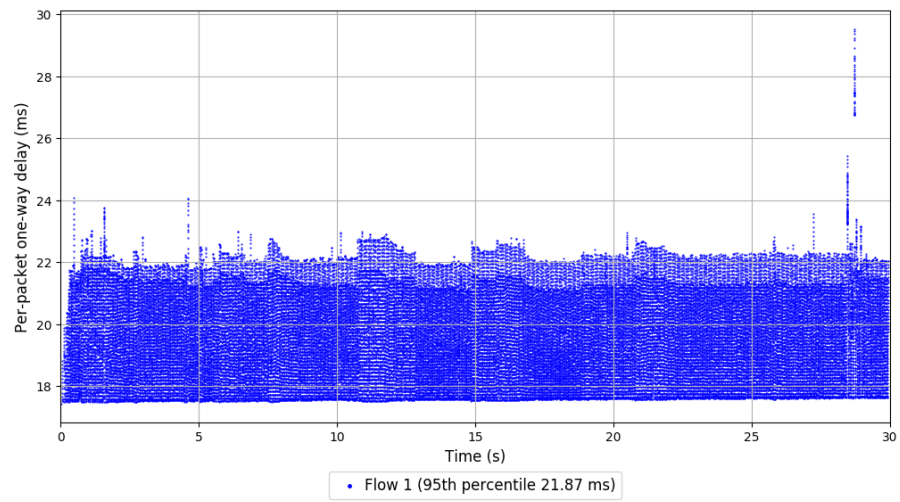
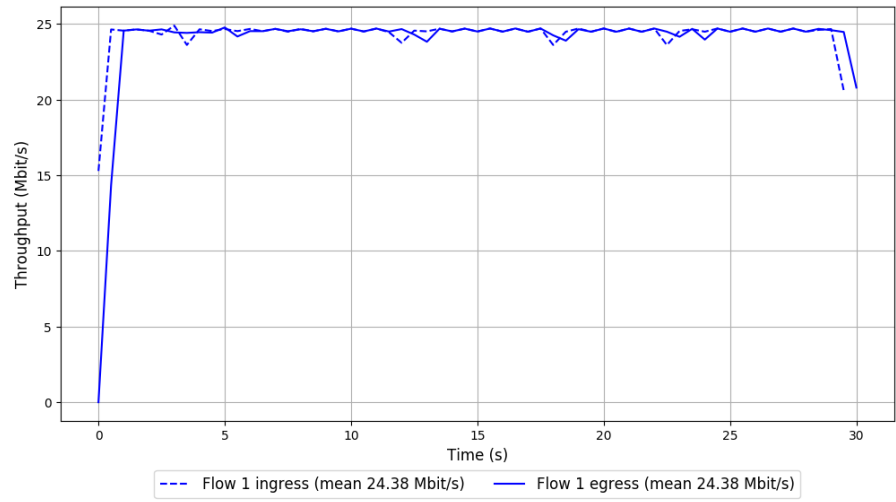


Run 1: Statistics of Sprout

Start at: 2019-07-18 05:12:46
End at: 2019-07-18 05:13:16
Local clock offset: 1.474 ms
Remote clock offset: -0.242 ms

Below is generated by plot.py at 2019-07-18 07:26:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.38 Mbit/s
95th percentile per-packet one-way delay: 21.874 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 24.38 Mbit/s
95th percentile per-packet one-way delay: 21.874 ms
Loss rate: 0.06%

Run 1: Report of Sprout — Data Link

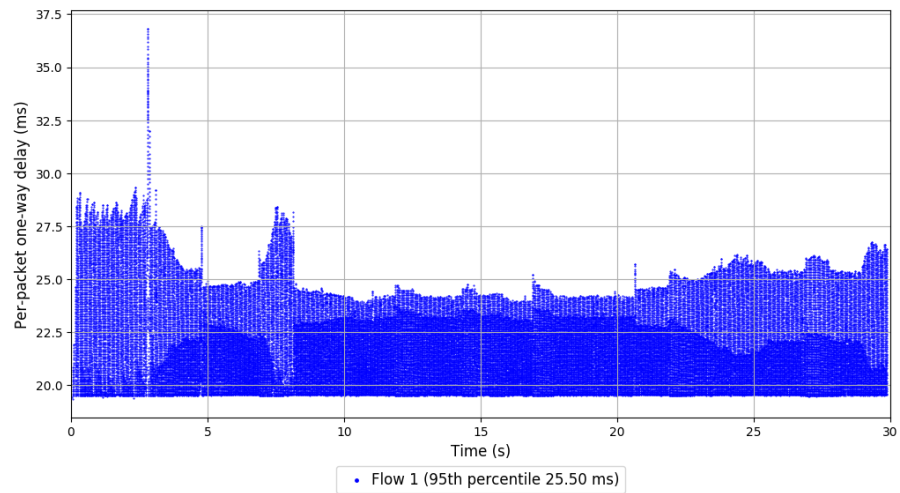
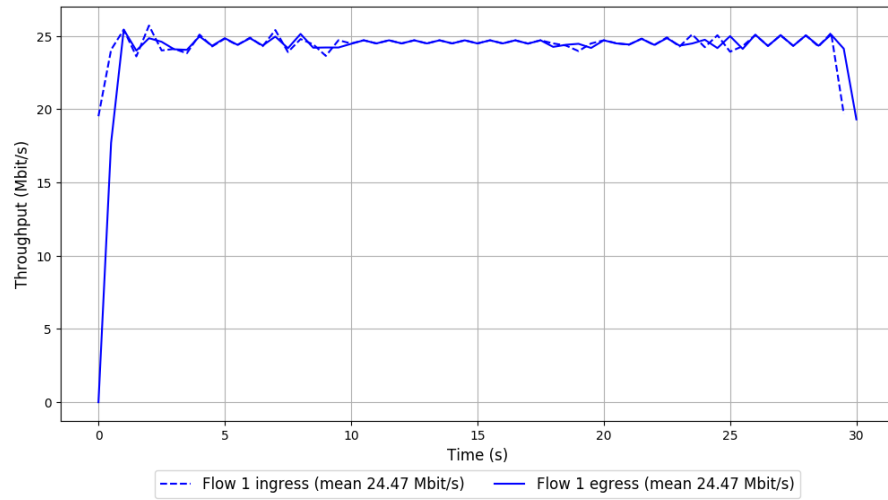


Run 2: Statistics of Sprout

Start at: 2019-07-18 05:41:58
End at: 2019-07-18 05:42:28
Local clock offset: -0.564 ms
Remote clock offset: -2.055 ms

Below is generated by plot.py at 2019-07-18 07:26:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 25.505 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 25.505 ms
Loss rate: 0.14%

Run 2: Report of Sprout — Data Link

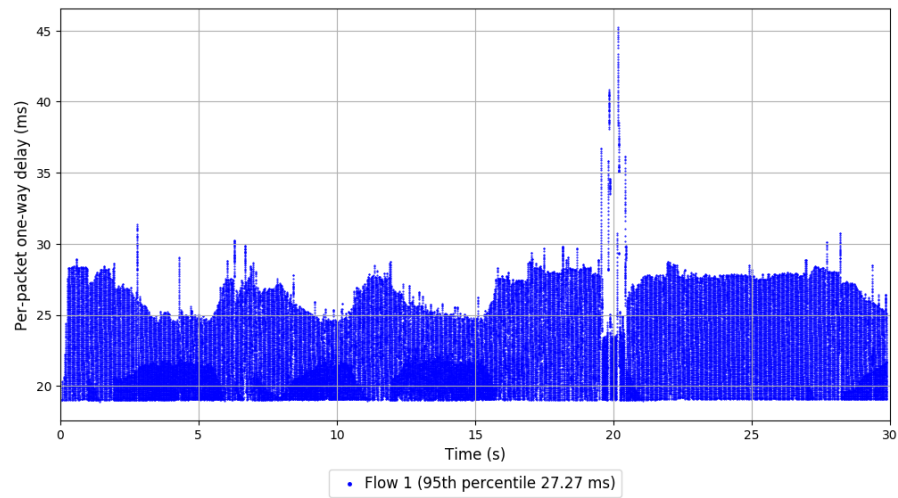
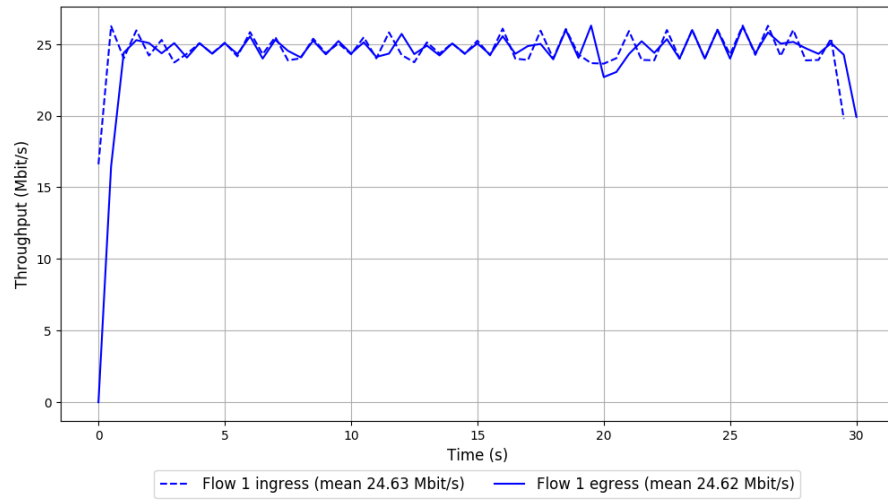


Run 3: Statistics of Sprout

Start at: 2019-07-18 06:11:30
End at: 2019-07-18 06:12:00
Local clock offset: -0.496 ms
Remote clock offset: -2.07 ms

Below is generated by plot.py at 2019-07-18 07:26:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.62 Mbit/s
95th percentile per-packet one-way delay: 27.268 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 24.62 Mbit/s
95th percentile per-packet one-way delay: 27.268 ms
Loss rate: 0.09%

Run 3: Report of Sprout — Data Link

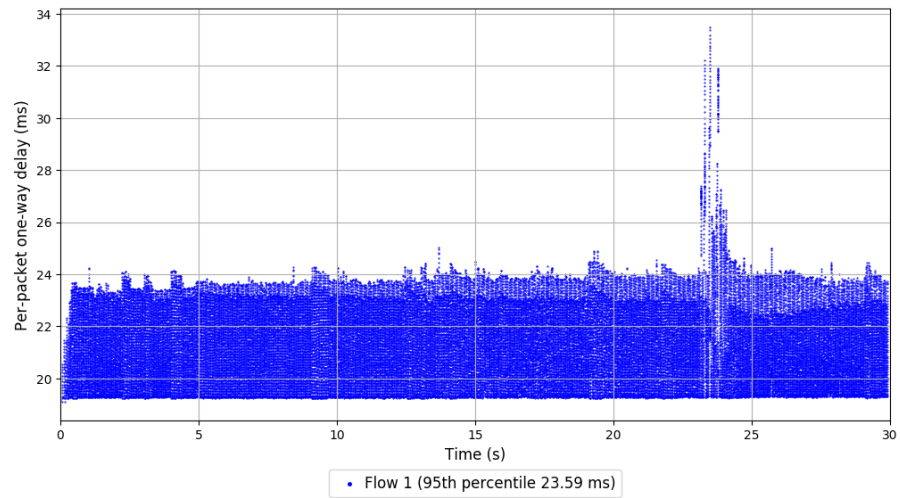
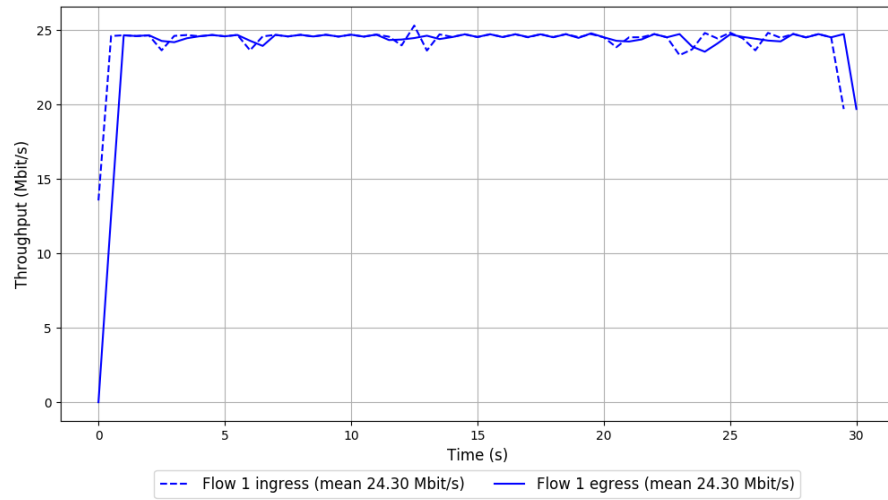


Run 4: Statistics of Sprout

Start at: 2019-07-18 06:40:32
End at: 2019-07-18 06:41:02
Local clock offset: -0.835 ms
Remote clock offset: -0.509 ms

Below is generated by plot.py at 2019-07-18 07:26:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.30 Mbit/s
95th percentile per-packet one-way delay: 23.589 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 24.30 Mbit/s
95th percentile per-packet one-way delay: 23.589 ms
Loss rate: 0.06%

Run 4: Report of Sprout — Data Link

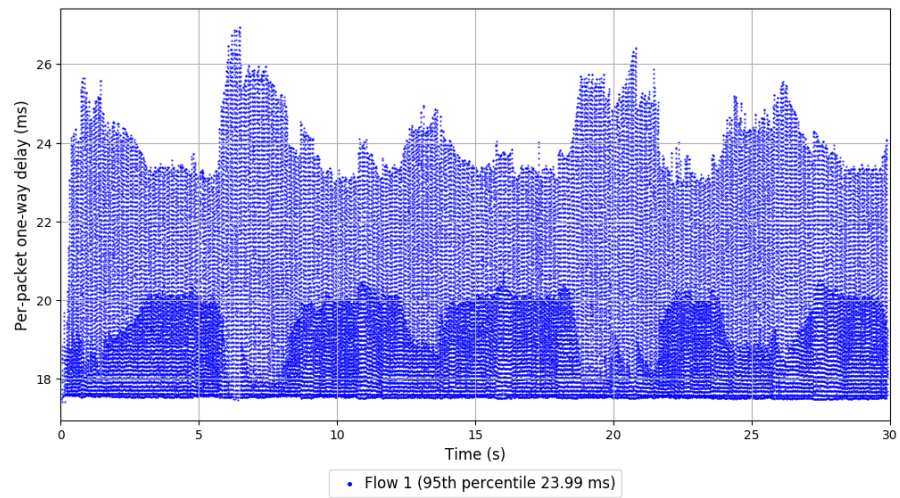
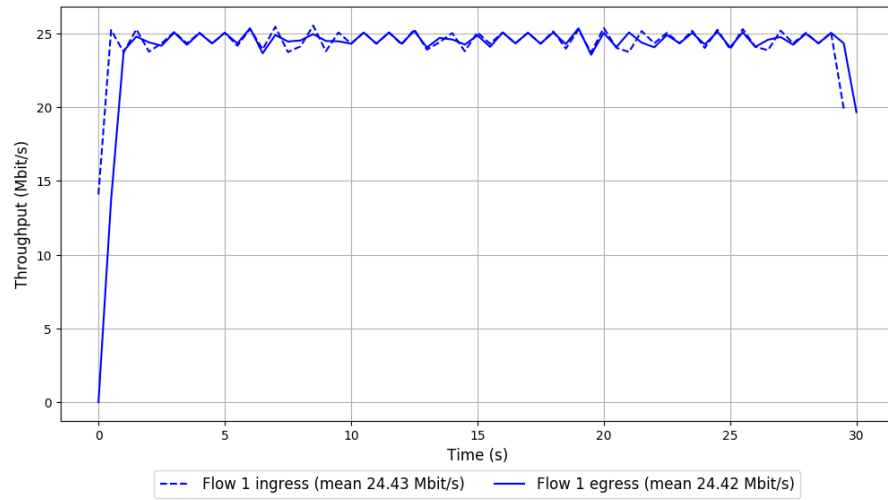


Run 5: Statistics of Sprout

Start at: 2019-07-18 07:09:16
End at: 2019-07-18 07:09:46
Local clock offset: -0.036 ms
Remote clock offset: 0.125 ms

Below is generated by plot.py at 2019-07-18 07:26:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.42 Mbit/s
95th percentile per-packet one-way delay: 23.992 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 24.42 Mbit/s
95th percentile per-packet one-way delay: 23.992 ms
Loss rate: 0.11%

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2019-07-18 05:07:31

End at: 2019-07-18 05:08:01

Local clock offset: 2.08 ms

Remote clock offset: -1.798 ms

Below is generated by plot.py at 2019-07-18 07:28:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.38 Mbit/s

95th percentile per-packet one-way delay: 22.308 ms

Loss rate: 0.10%

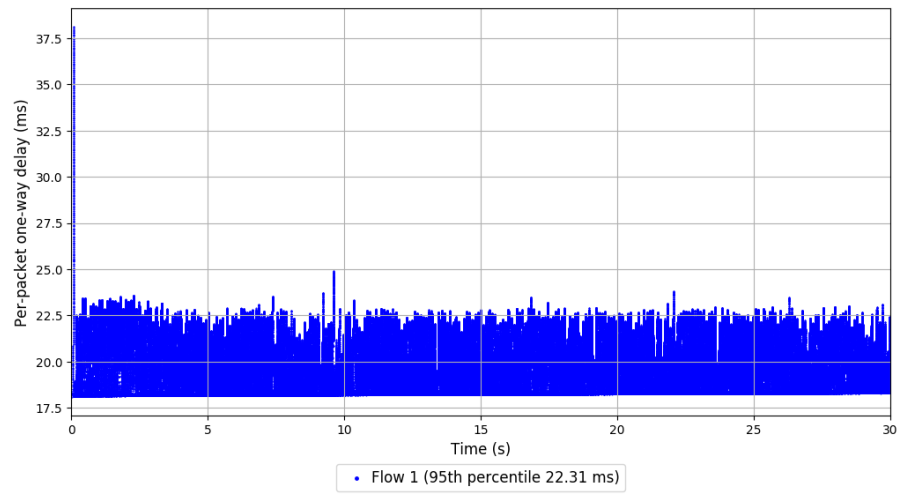
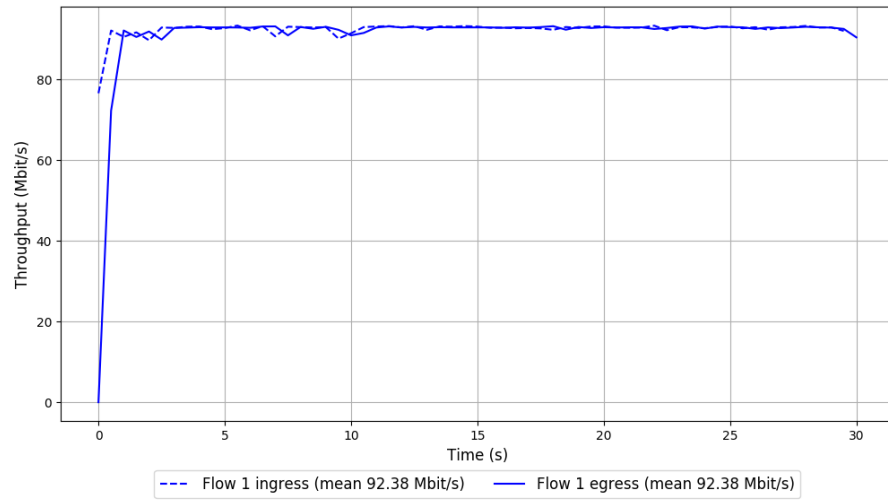
-- Flow 1:

Average throughput: 92.38 Mbit/s

95th percentile per-packet one-way delay: 22.308 ms

Loss rate: 0.10%

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

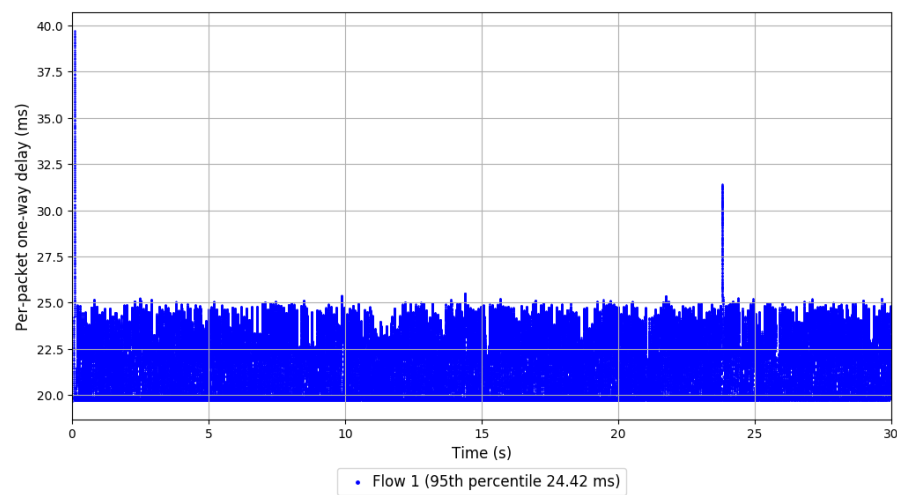
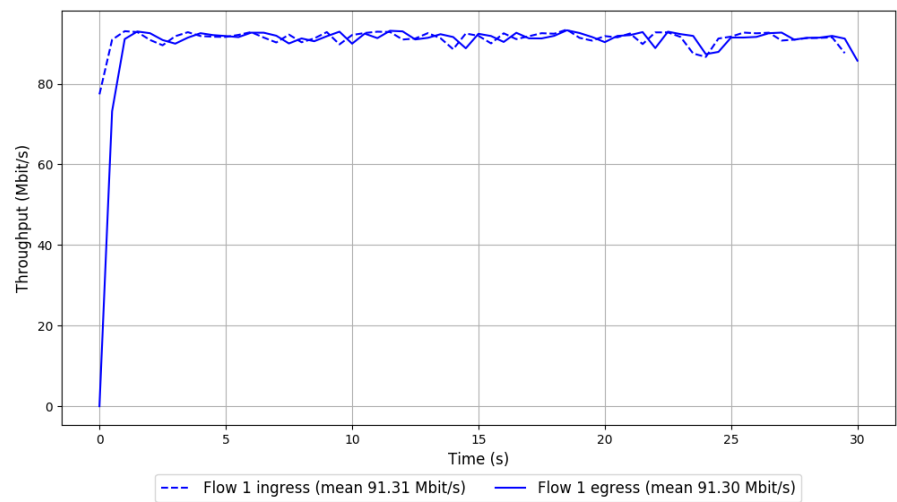


Run 2: Statistics of TaoVA-100x

Start at: 2019-07-18 05:36:51
End at: 2019-07-18 05:37:21
Local clock offset: -0.366 ms
Remote clock offset: -2.157 ms

Below is generated by plot.py at 2019-07-18 07:28:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.30 Mbit/s
95th percentile per-packet one-way delay: 24.417 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 91.30 Mbit/s
95th percentile per-packet one-way delay: 24.417 ms
Loss rate: 0.10%

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

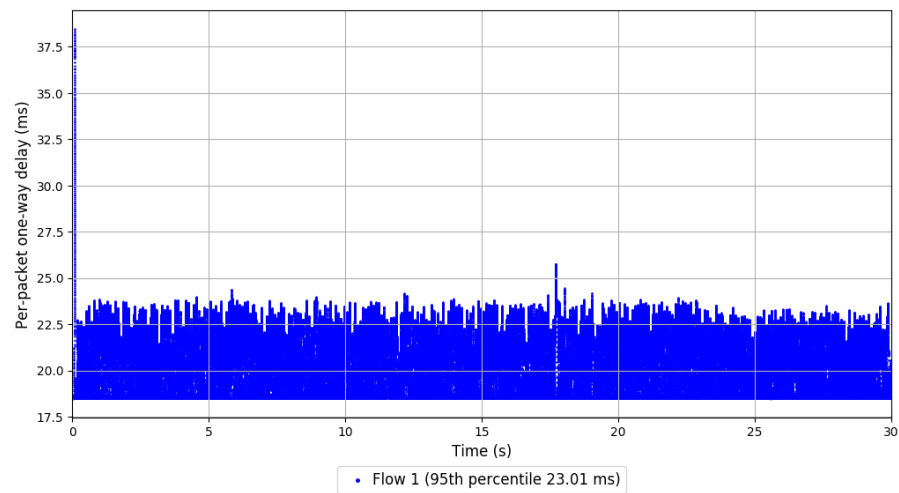
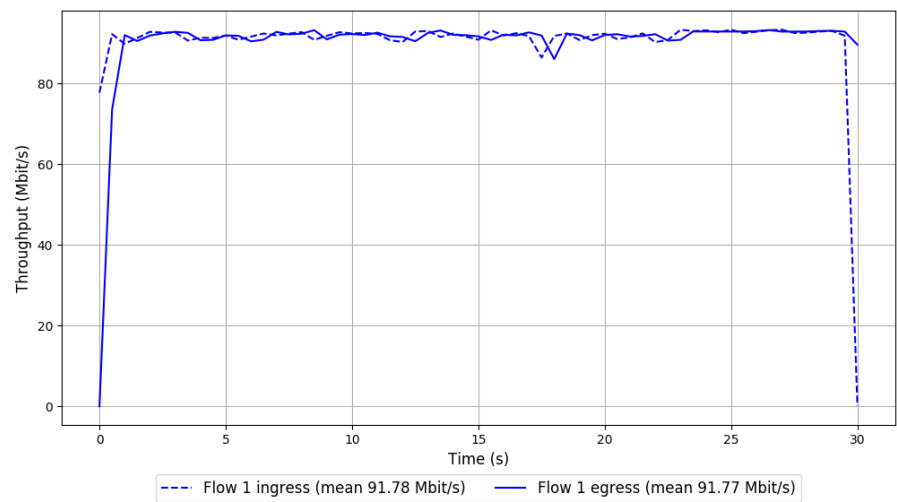


Run 3: Statistics of TaoVA-100x

Start at: 2019-07-18 06:06:13
End at: 2019-07-18 06:06:43
Local clock offset: -0.561 ms
Remote clock offset: -1.529 ms

Below is generated by plot.py at 2019-07-18 07:28:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.77 Mbit/s
95th percentile per-packet one-way delay: 23.014 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 91.77 Mbit/s
95th percentile per-packet one-way delay: 23.014 ms
Loss rate: 0.10%

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



Run 4: Statistics of TaoVA-100x

Start at: 2019-07-18 06:35:43

End at: 2019-07-18 06:36:13

Local clock offset: -0.333 ms

Remote clock offset: 1.345 ms

Below is generated by plot.py at 2019-07-18 07:28:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.59 Mbit/s

95th percentile per-packet one-way delay: 22.022 ms

Loss rate: 0.10%

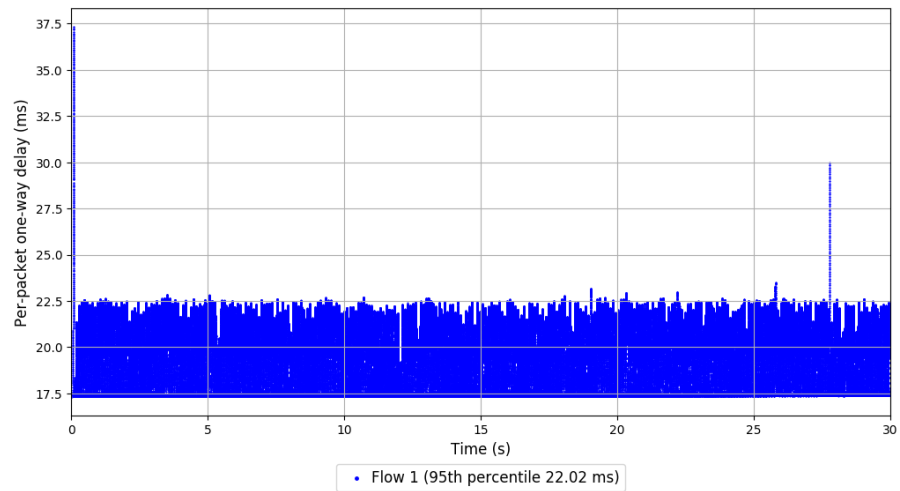
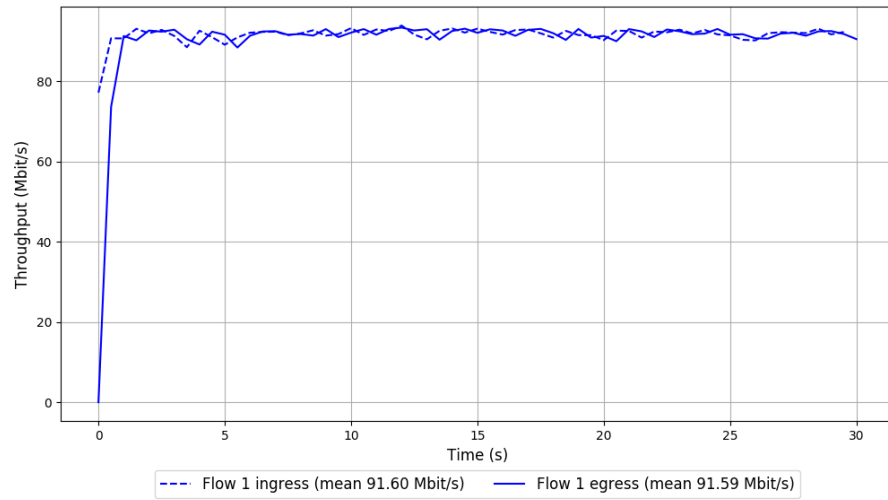
-- Flow 1:

Average throughput: 91.59 Mbit/s

95th percentile per-packet one-way delay: 22.022 ms

Loss rate: 0.10%

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



Run 5: Statistics of TaoVA-100x

Start at: 2019-07-18 07:04:28

End at: 2019-07-18 07:04:58

Local clock offset: -0.225 ms

Remote clock offset: -0.549 ms

Below is generated by plot.py at 2019-07-18 07:28:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.19 Mbit/s

95th percentile per-packet one-way delay: 23.258 ms

Loss rate: 0.11%

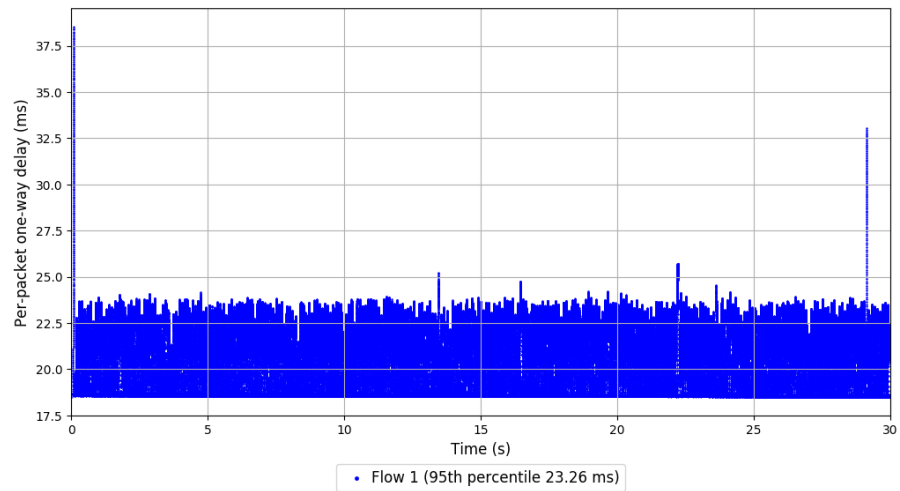
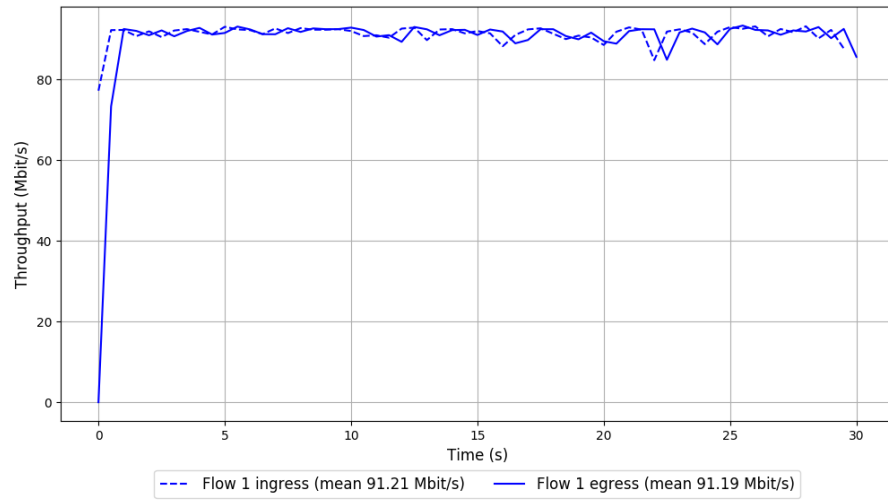
-- Flow 1:

Average throughput: 91.19 Mbit/s

95th percentile per-packet one-way delay: 23.258 ms

Loss rate: 0.11%

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

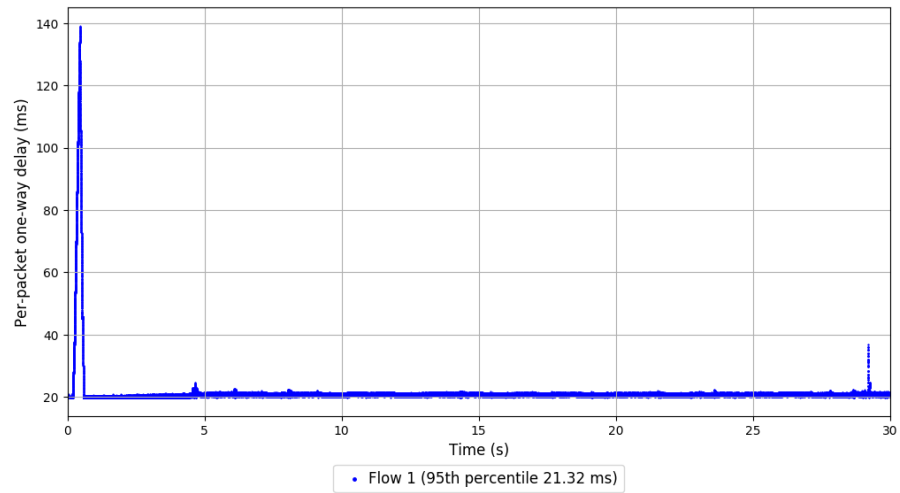
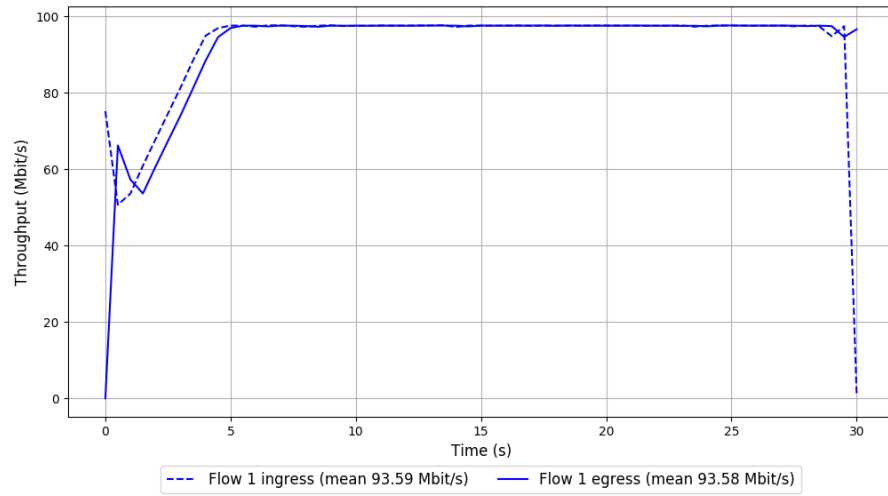


Run 1: Statistics of TCP Vegas

Start at: 2019-07-18 04:54:03
End at: 2019-07-18 04:54:33
Local clock offset: 8.059 ms
Remote clock offset: -5.661 ms

Below is generated by plot.py at 2019-07-18 07:28:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.58 Mbit/s
95th percentile per-packet one-way delay: 21.319 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 93.58 Mbit/s
95th percentile per-packet one-way delay: 21.319 ms
Loss rate: 0.11%

Run 1: Report of TCP Vegas — Data Link

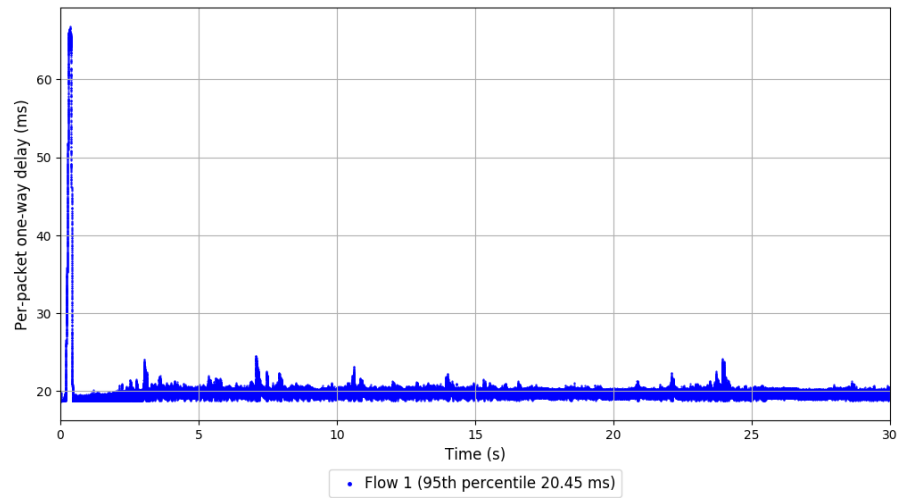
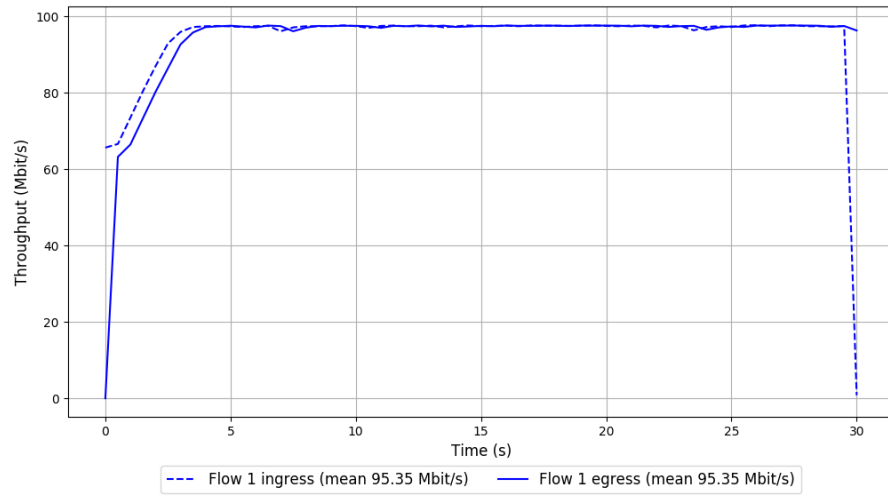


Run 2: Statistics of TCP Vegas

Start at: 2019-07-18 05:23:44
End at: 2019-07-18 05:24:14
Local clock offset: 0.267 ms
Remote clock offset: -1.247 ms

Below is generated by plot.py at 2019-07-18 07:28:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.35 Mbit/s
95th percentile per-packet one-way delay: 20.455 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 95.35 Mbit/s
95th percentile per-packet one-way delay: 20.455 ms
Loss rate: 0.10%

Run 2: Report of TCP Vegas — Data Link

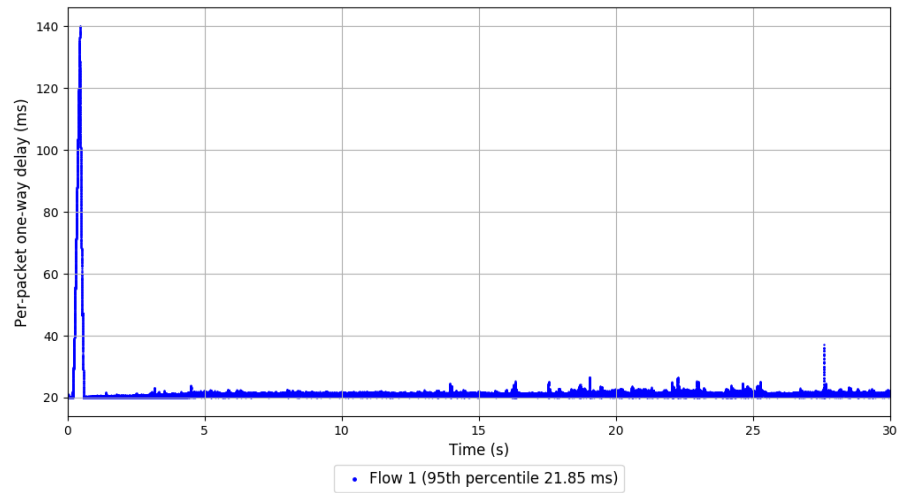
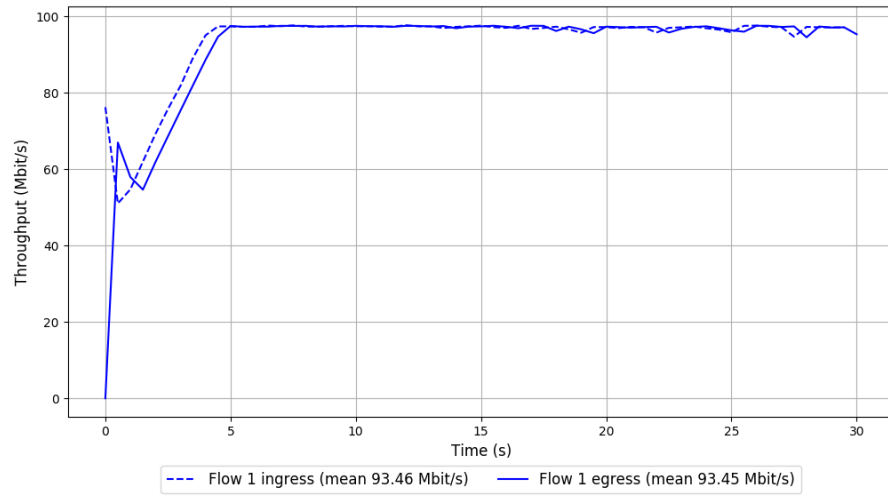


Run 3: Statistics of TCP Vegas

Start at: 2019-07-18 05:52:58
End at: 2019-07-18 05:53:28
Local clock offset: -0.445 ms
Remote clock offset: -2.585 ms

Below is generated by plot.py at 2019-07-18 07:28:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.45 Mbit/s
95th percentile per-packet one-way delay: 21.850 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 93.45 Mbit/s
95th percentile per-packet one-way delay: 21.850 ms
Loss rate: 0.11%

Run 3: Report of TCP Vegas — Data Link

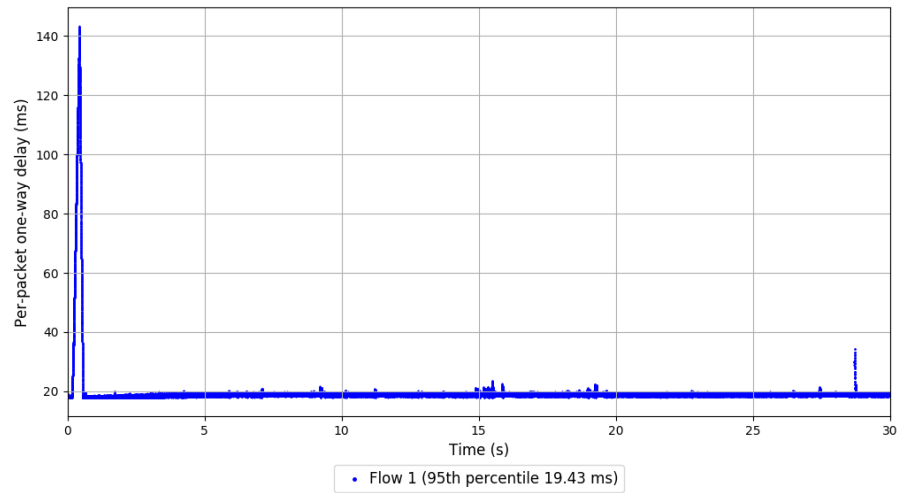
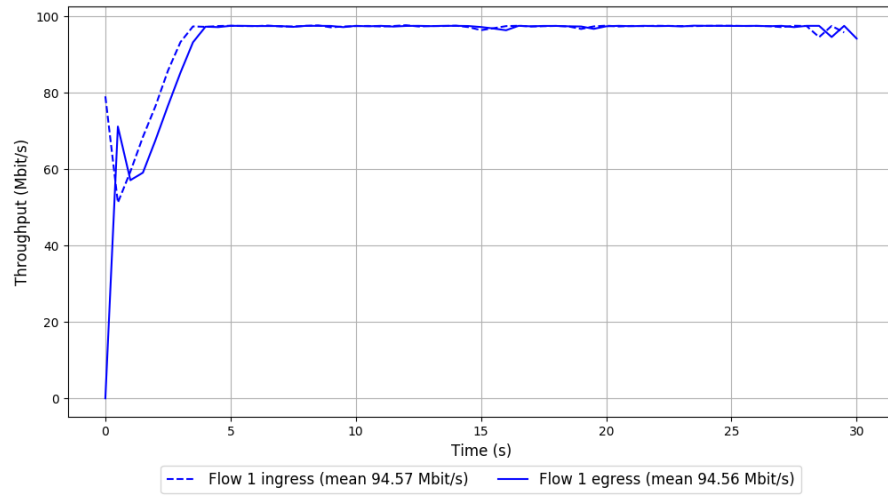


Run 4: Statistics of TCP Vegas

Start at: 2019-07-18 06:22:28
End at: 2019-07-18 06:22:58
Local clock offset: -0.911 ms
Remote clock offset: -0.831 ms

Below is generated by plot.py at 2019-07-18 07:28:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.56 Mbit/s
95th percentile per-packet one-way delay: 19.430 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 94.56 Mbit/s
95th percentile per-packet one-way delay: 19.430 ms
Loss rate: 0.09%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2019-07-18 06:51:31

End at: 2019-07-18 06:52:01

Local clock offset: -1.301 ms

Remote clock offset: 1.593 ms

Below is generated by plot.py at 2019-07-18 07:28:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.02 Mbit/s

95th percentile per-packet one-way delay: 18.645 ms

Loss rate: 0.09%

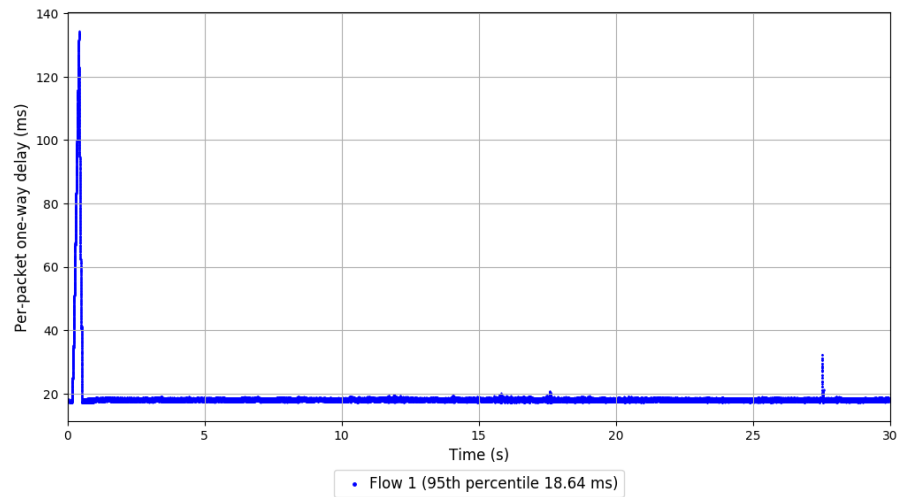
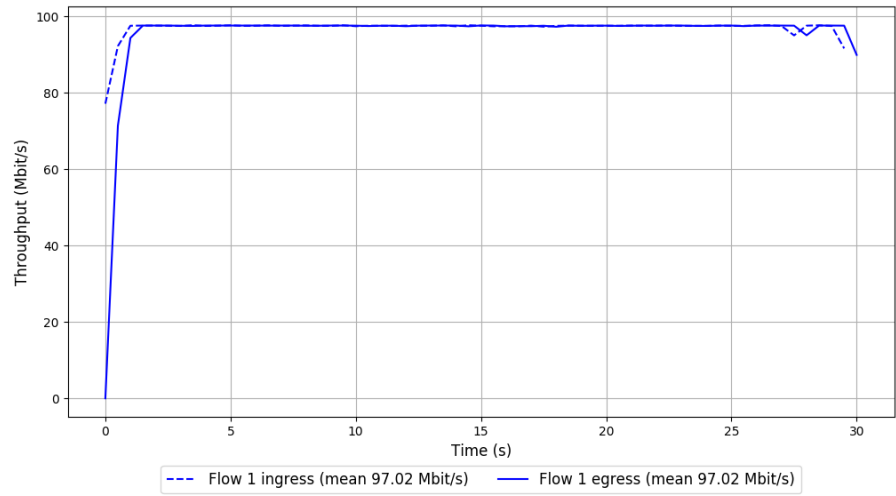
-- Flow 1:

Average throughput: 97.02 Mbit/s

95th percentile per-packet one-way delay: 18.645 ms

Loss rate: 0.09%

Run 5: Report of TCP Vegas — Data Link

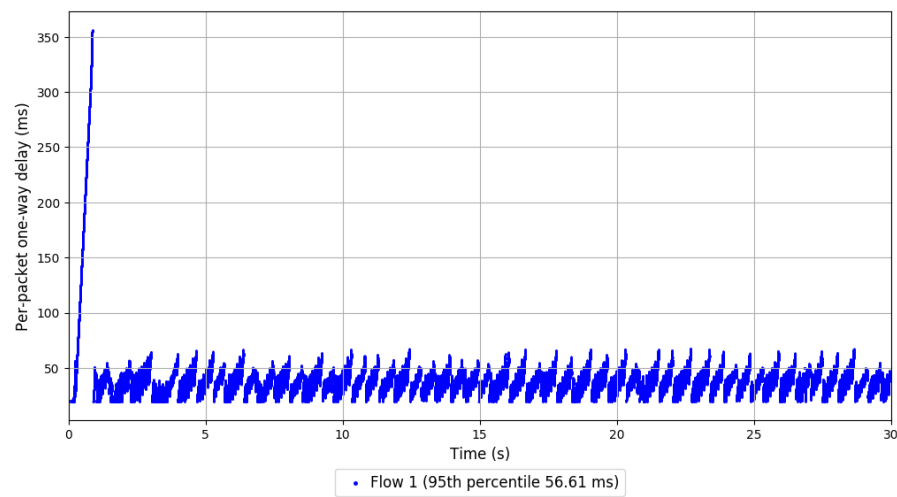
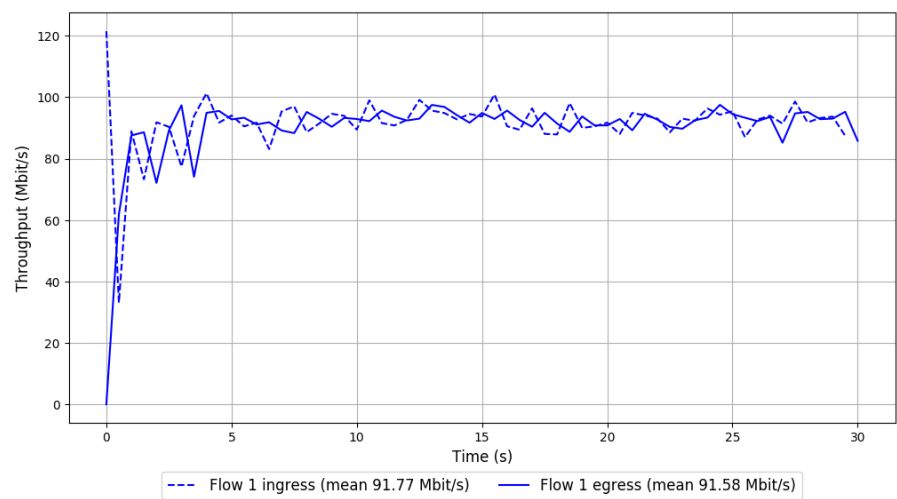


Run 1: Statistics of Verus

Start at: 2019-07-18 05:02:43
End at: 2019-07-18 05:03:13
Local clock offset: 3.082 ms
Remote clock offset: -3.923 ms

Below is generated by plot.py at 2019-07-18 07:28:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.58 Mbit/s
95th percentile per-packet one-way delay: 56.614 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 91.58 Mbit/s
95th percentile per-packet one-way delay: 56.614 ms
Loss rate: 0.30%

Run 1: Report of Verus — Data Link

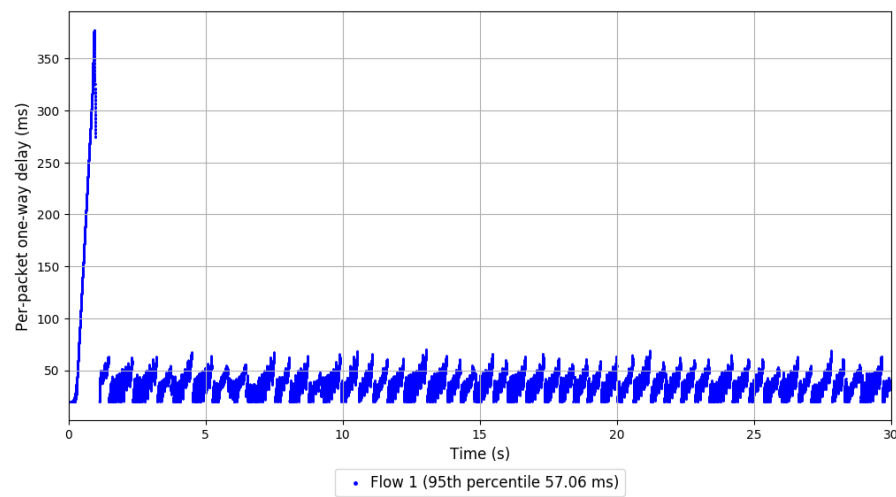
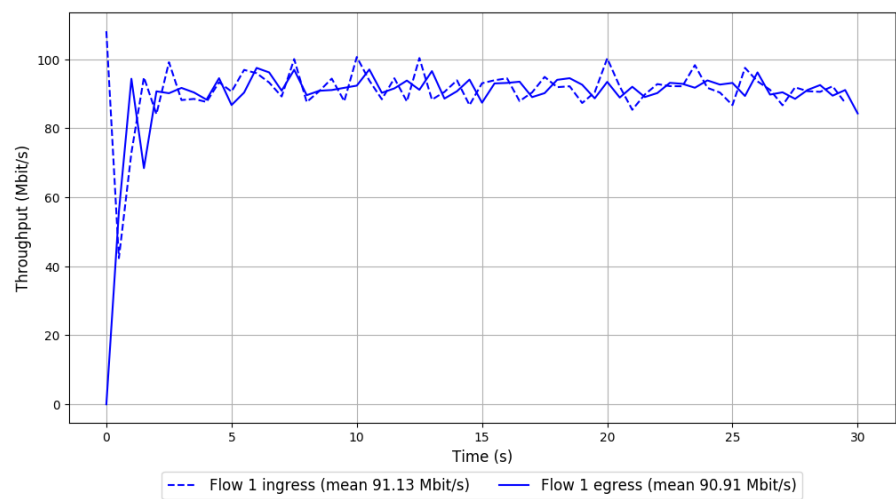


Run 2: Statistics of Verus

Start at: 2019-07-18 05:32:10
End at: 2019-07-18 05:32:40
Local clock offset: 0.015 ms
Remote clock offset: -1.964 ms

Below is generated by plot.py at 2019-07-18 07:29:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.91 Mbit/s
95th percentile per-packet one-way delay: 57.062 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 90.91 Mbit/s
95th percentile per-packet one-way delay: 57.062 ms
Loss rate: 0.33%

Run 2: Report of Verus — Data Link

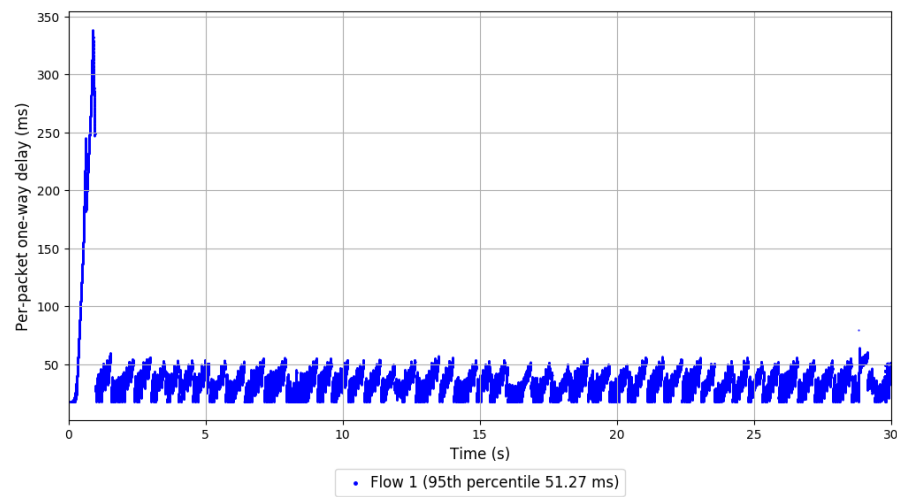
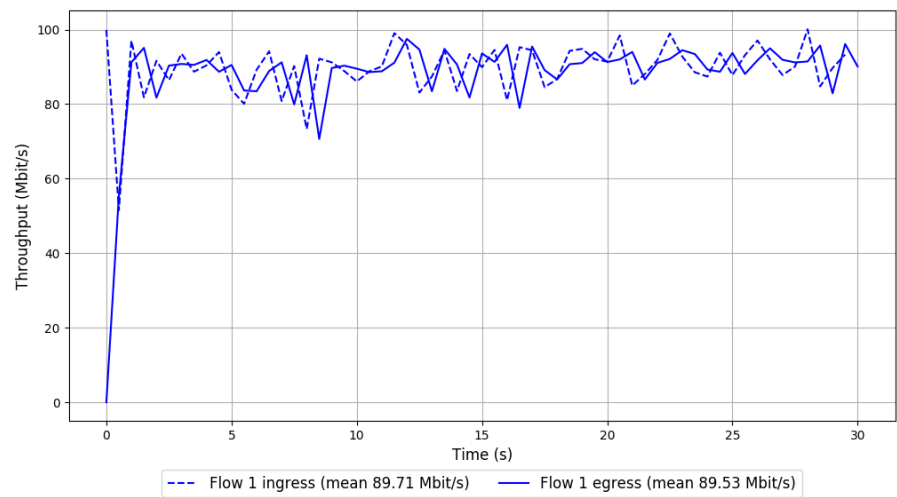


Run 3: Statistics of Verus

Start at: 2019-07-18 06:01:33
End at: 2019-07-18 06:02:03
Local clock offset: -0.112 ms
Remote clock offset: -0.202 ms

Below is generated by plot.py at 2019-07-18 07:29:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.53 Mbit/s
95th percentile per-packet one-way delay: 51.272 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 89.53 Mbit/s
95th percentile per-packet one-way delay: 51.272 ms
Loss rate: 0.28%

Run 3: Report of Verus — Data Link

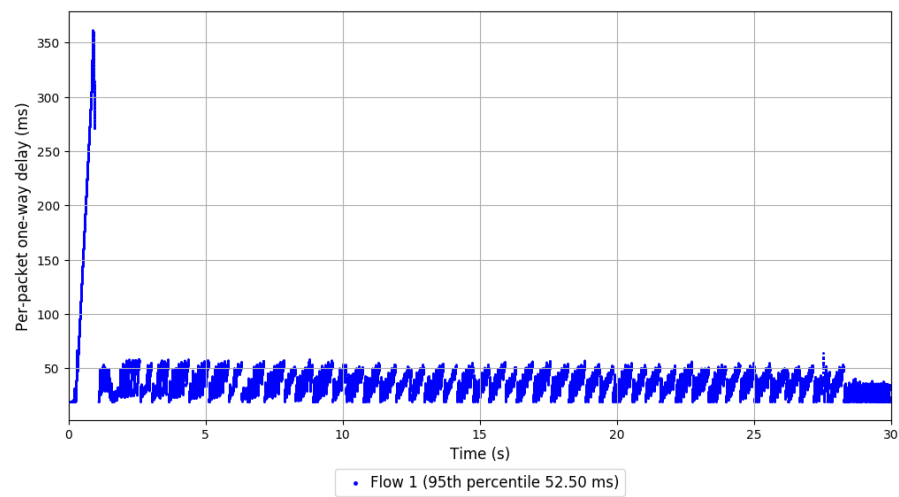
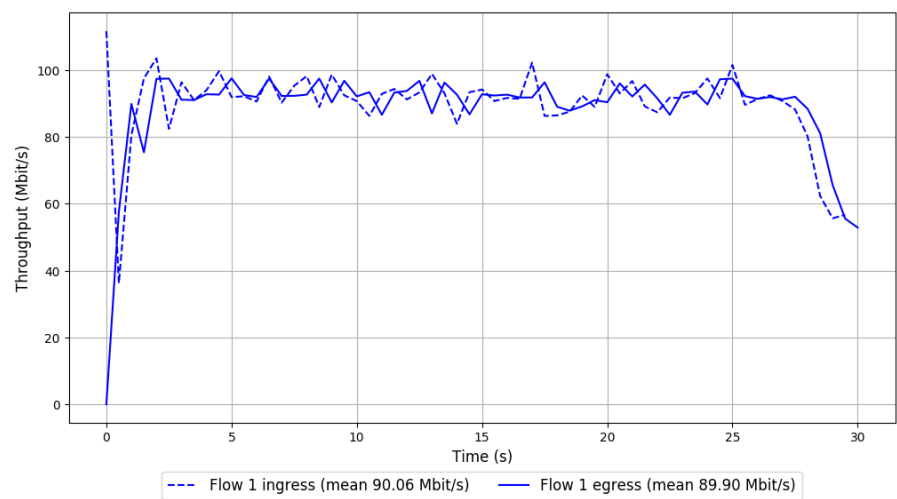


Run 4: Statistics of Verus

Start at: 2019-07-18 06:31:02
End at: 2019-07-18 06:31:32
Local clock offset: -0.712 ms
Remote clock offset: -1.034 ms

Below is generated by plot.py at 2019-07-18 07:29:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.90 Mbit/s
95th percentile per-packet one-way delay: 52.496 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 89.90 Mbit/s
95th percentile per-packet one-way delay: 52.496 ms
Loss rate: 0.24%

Run 4: Report of Verus — Data Link

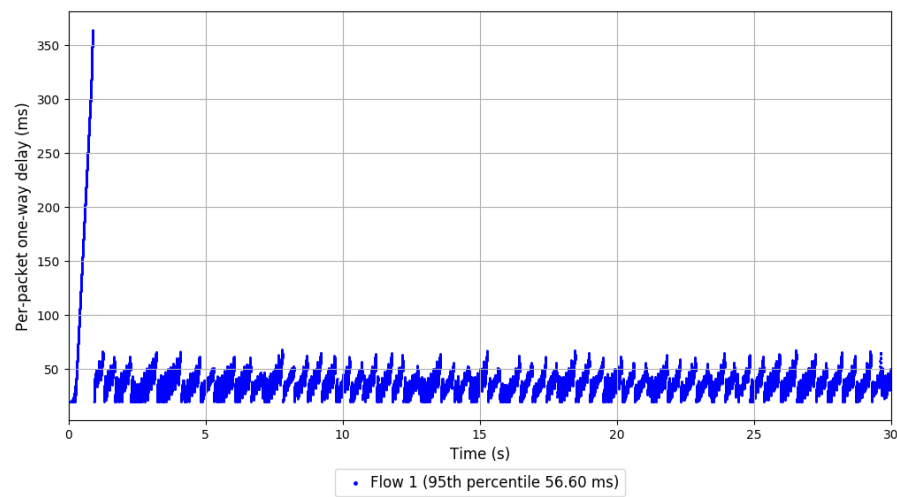
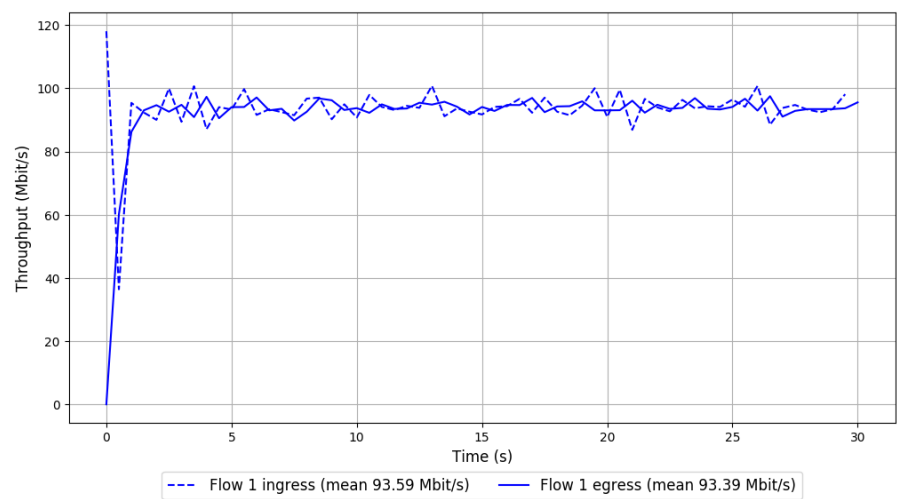


Run 5: Statistics of Verus

Start at: 2019-07-18 06:59:45
End at: 2019-07-18 07:00:15
Local clock offset: 0.137 ms
Remote clock offset: -0.992 ms

Below is generated by plot.py at 2019-07-18 07:29:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.39 Mbit/s
95th percentile per-packet one-way delay: 56.599 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 93.39 Mbit/s
95th percentile per-packet one-way delay: 56.599 ms
Loss rate: 0.31%

Run 5: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2019-07-18 04:46:52

End at: 2019-07-18 04:47:22

Local clock offset: 5.635 ms

Remote clock offset: -5.457 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.33 Mbit/s

95th percentile per-packet one-way delay: 18.465 ms

Loss rate: 0.10%

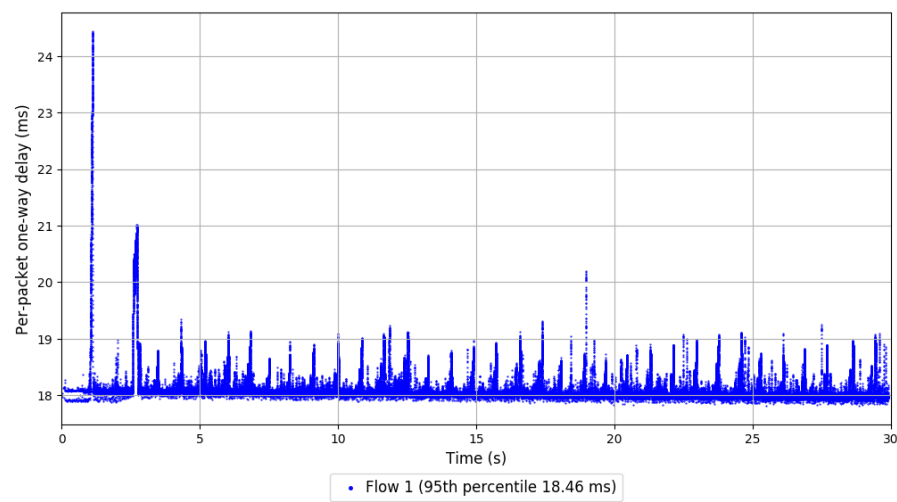
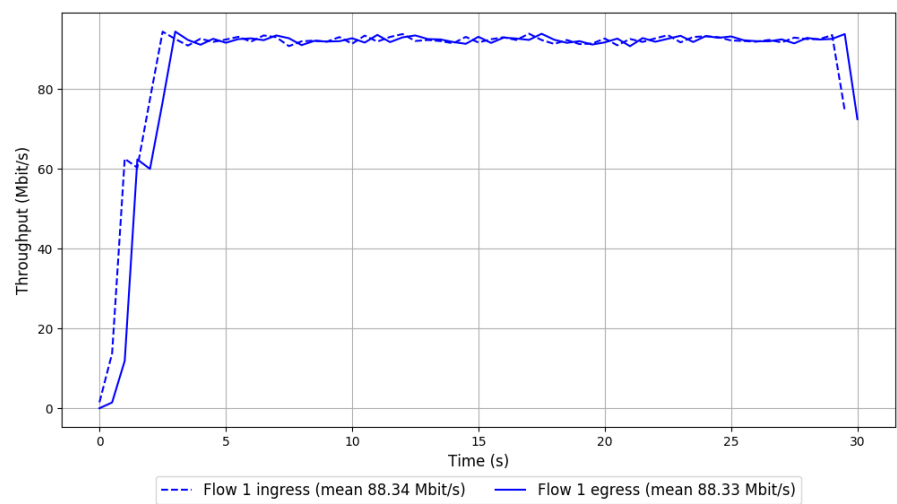
-- Flow 1:

Average throughput: 88.33 Mbit/s

95th percentile per-packet one-way delay: 18.465 ms

Loss rate: 0.10%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2019-07-18 05:16:26

End at: 2019-07-18 05:16:56

Local clock offset: 1.409 ms

Remote clock offset: 0.138 ms

Below is generated by plot.py at 2019-07-18 07:29:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.16 Mbit/s

95th percentile per-packet one-way delay: 18.429 ms

Loss rate: 0.09%

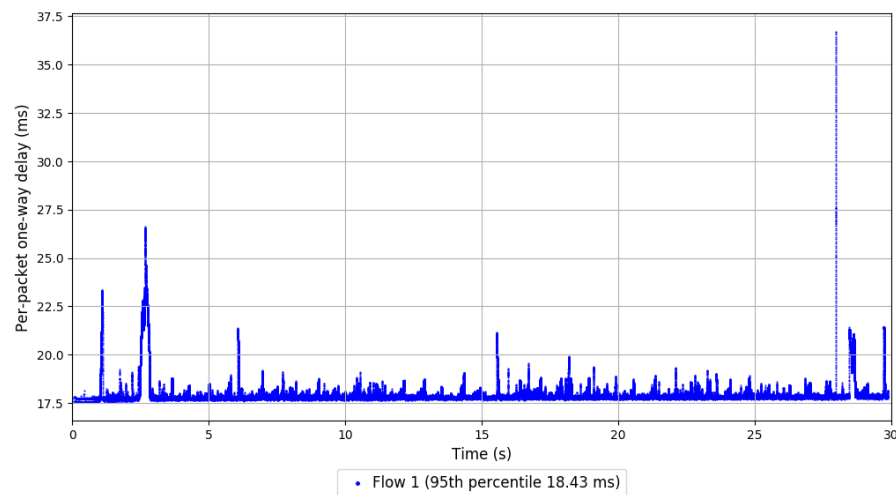
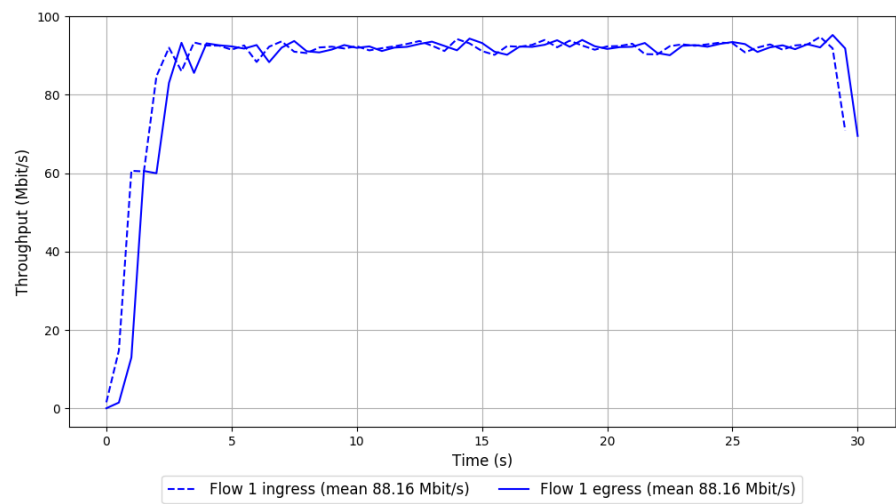
-- Flow 1:

Average throughput: 88.16 Mbit/s

95th percentile per-packet one-way delay: 18.429 ms

Loss rate: 0.09%

Run 2: Report of PCC-Vivace — Data Link

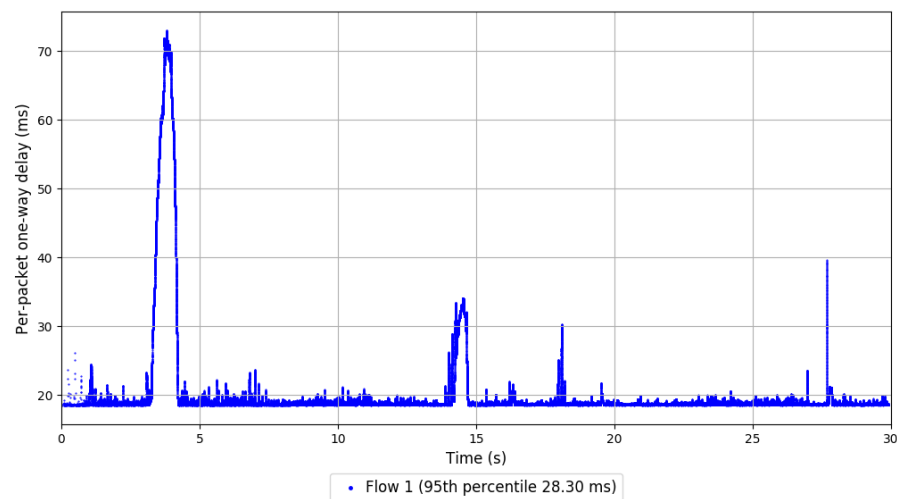
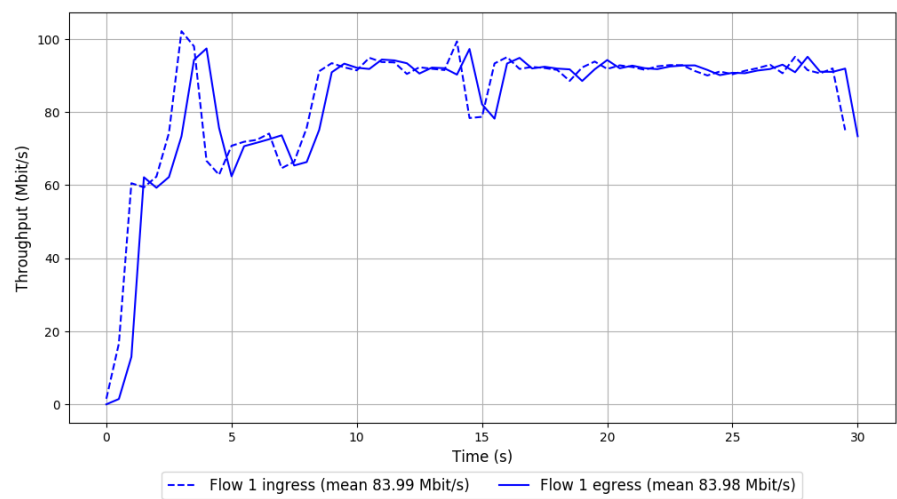


Run 3: Statistics of PCC-Vivace

Start at: 2019-07-18 05:45:37
End at: 2019-07-18 05:46:07
Local clock offset: -0.869 ms
Remote clock offset: -1.547 ms

Below is generated by plot.py at 2019-07-18 07:29:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.98 Mbit/s
95th percentile per-packet one-way delay: 28.296 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 83.98 Mbit/s
95th percentile per-packet one-way delay: 28.296 ms
Loss rate: 0.11%

Run 3: Report of PCC-Vivace — Data Link



Run 4: Statistics of PCC-Vivace

Start at: 2019-07-18 06:15:16

End at: 2019-07-18 06:15:46

Local clock offset: 0.0 ms

Remote clock offset: -2.369 ms

Below is generated by plot.py at 2019-07-18 07:29:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.30 Mbit/s

95th percentile per-packet one-way delay: 20.605 ms

Loss rate: 0.11%

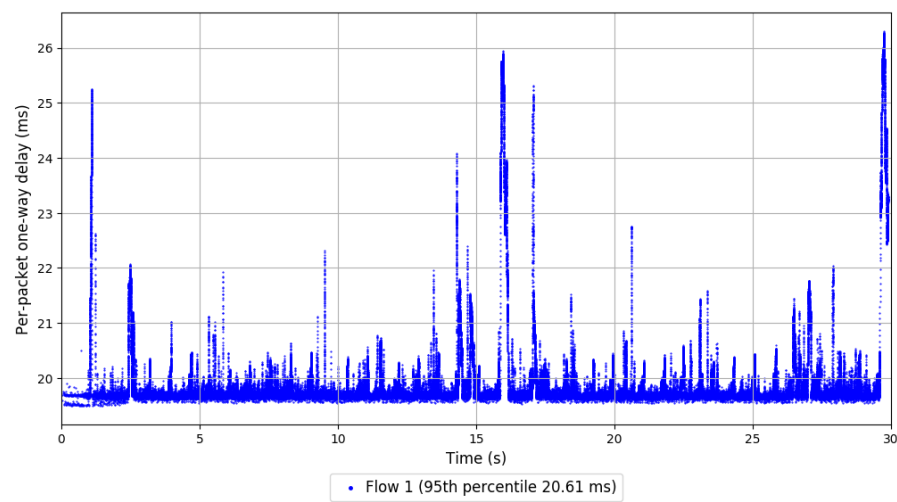
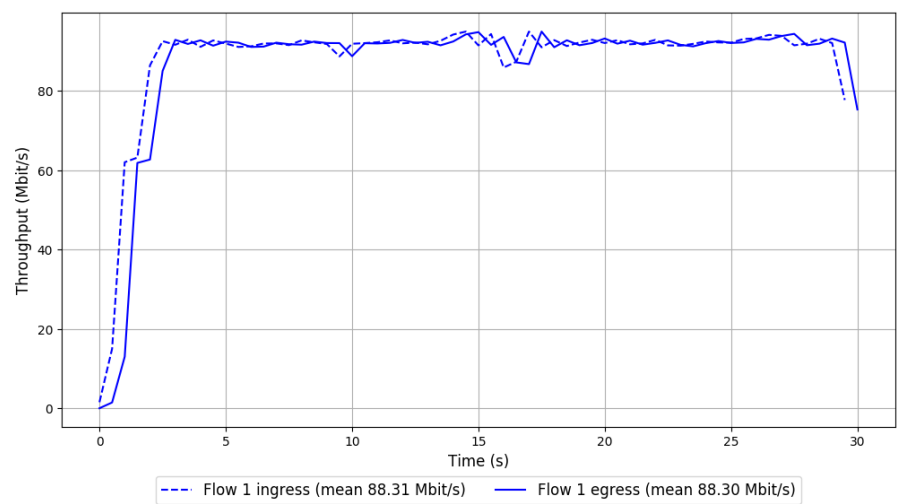
-- Flow 1:

Average throughput: 88.30 Mbit/s

95th percentile per-packet one-way delay: 20.605 ms

Loss rate: 0.11%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2019-07-18 06:44:12

End at: 2019-07-18 06:44:42

Local clock offset: -0.515 ms

Remote clock offset: -0.87 ms

Below is generated by plot.py at 2019-07-18 07:29:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.36 Mbit/s

95th percentile per-packet one-way delay: 20.807 ms

Loss rate: 0.10%

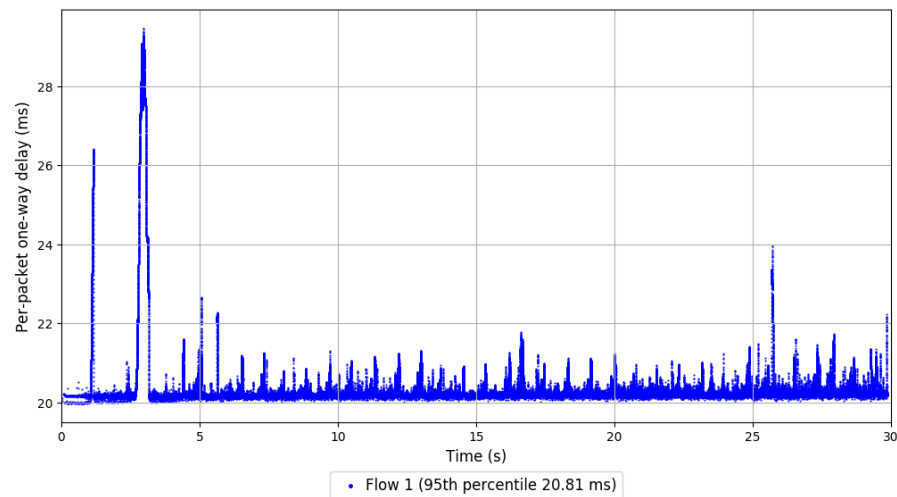
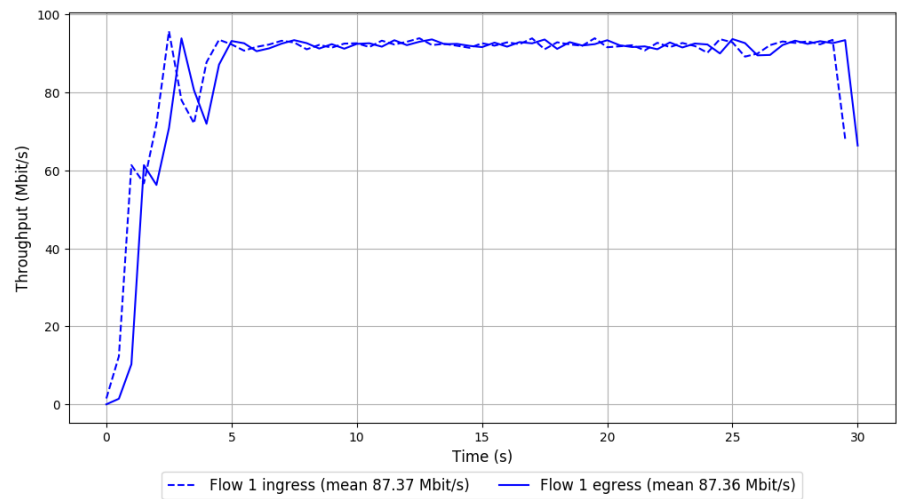
-- Flow 1:

Average throughput: 87.36 Mbit/s

95th percentile per-packet one-way delay: 20.807 ms

Loss rate: 0.10%

Run 5: Report of PCC-Vivace — Data Link

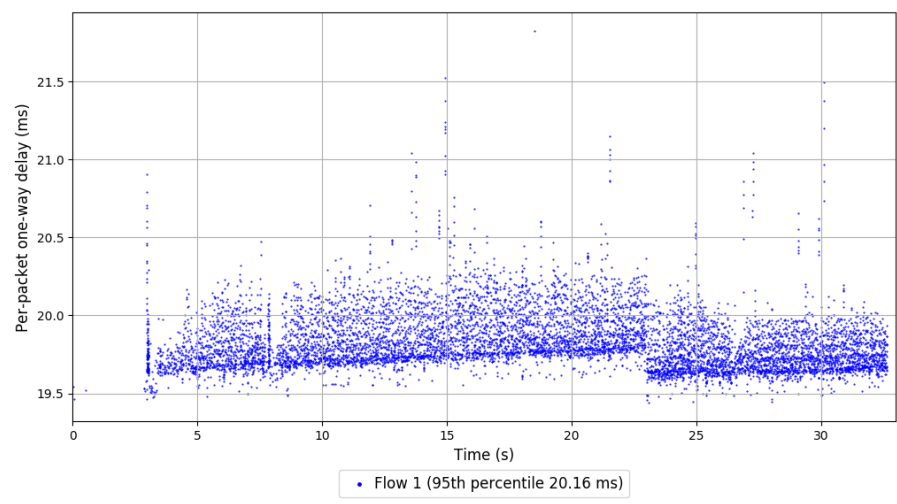
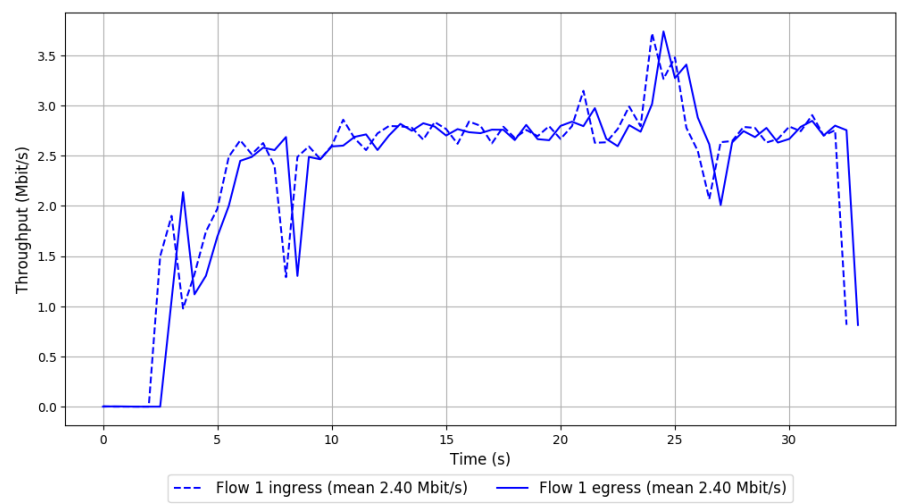


Run 1: Statistics of WebRTC media

Start at: 2019-07-18 05:05:17
End at: 2019-07-18 05:05:47
Local clock offset: 3.369 ms
Remote clock offset: -2.768 ms

Below is generated by plot.py at 2019-07-18 07:29:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 20.162 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 20.162 ms
Loss rate: 0.07%

Run 1: Report of WebRTC media — Data Link

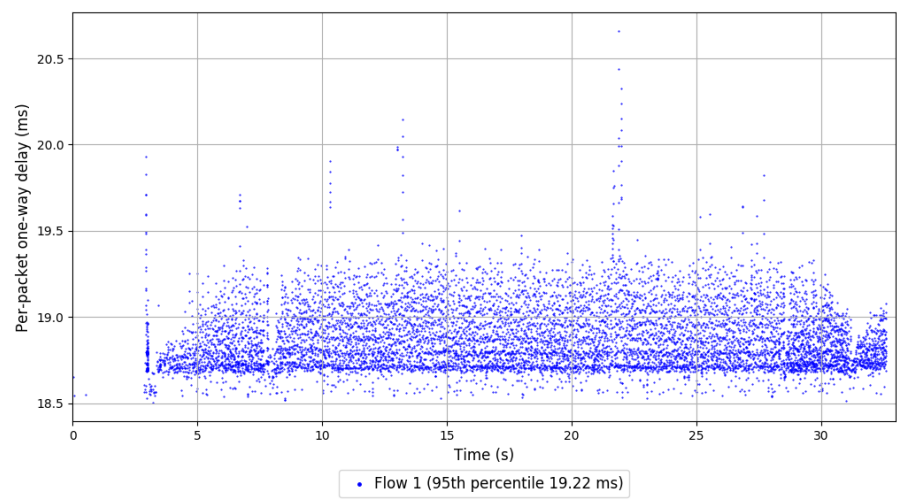
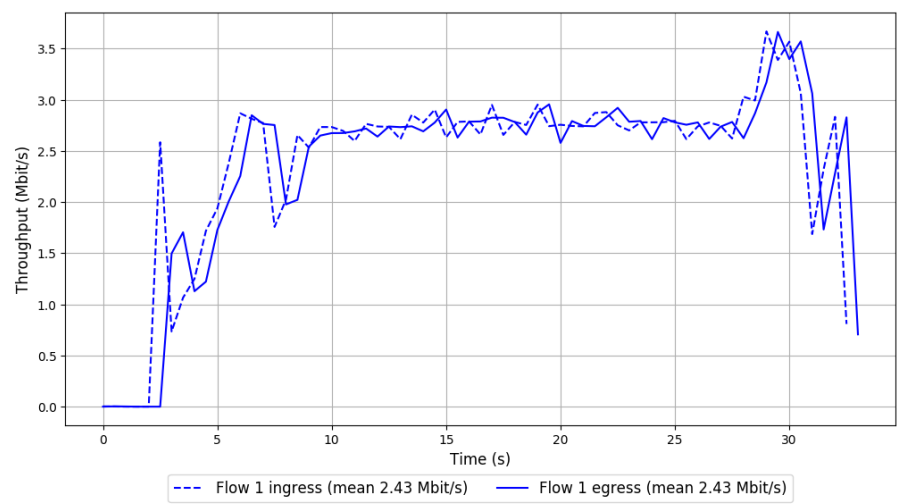


Run 2: Statistics of WebRTC media

Start at: 2019-07-18 05:34:35
End at: 2019-07-18 05:35:05
Local clock offset: -0.269 ms
Remote clock offset: -1.031 ms

Below is generated by plot.py at 2019-07-18 07:29:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 19.221 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 19.221 ms
Loss rate: 0.13%

Run 2: Report of WebRTC media — Data Link

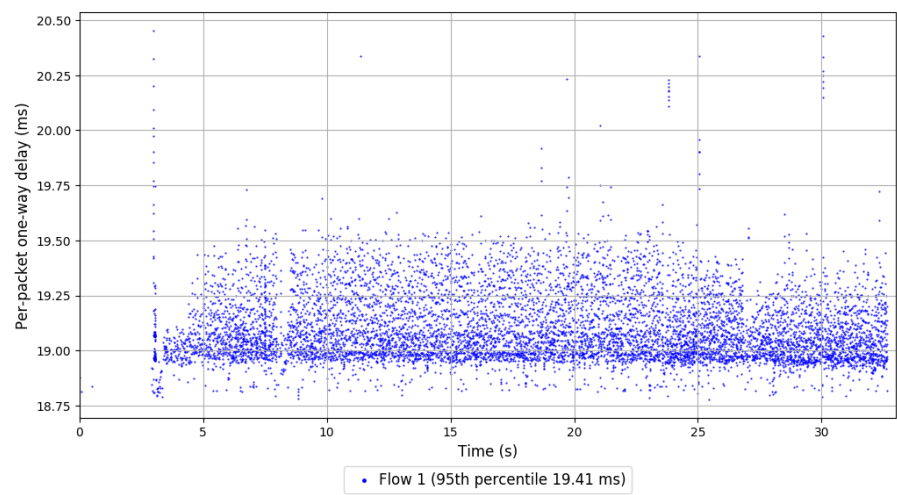
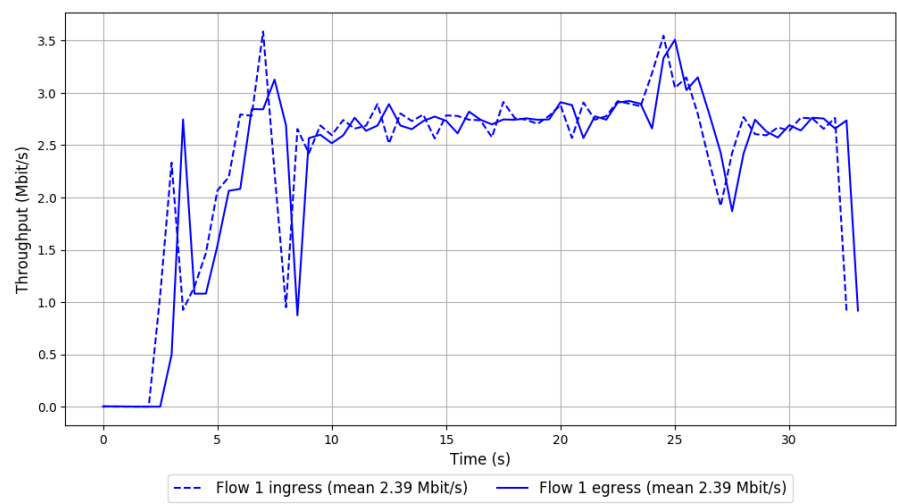


Run 3: Statistics of WebRTC media

Start at: 2019-07-18 06:03:59
End at: 2019-07-18 06:04:29
Local clock offset: -0.183 ms
Remote clock offset: -1.527 ms

Below is generated by plot.py at 2019-07-18 07:29:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 19.409 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 19.409 ms
Loss rate: 0.08%

Run 3: Report of WebRTC media — Data Link

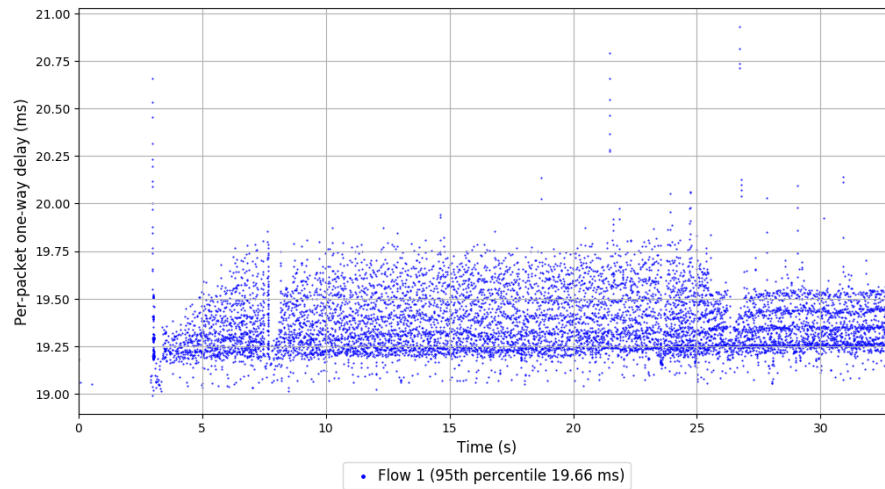
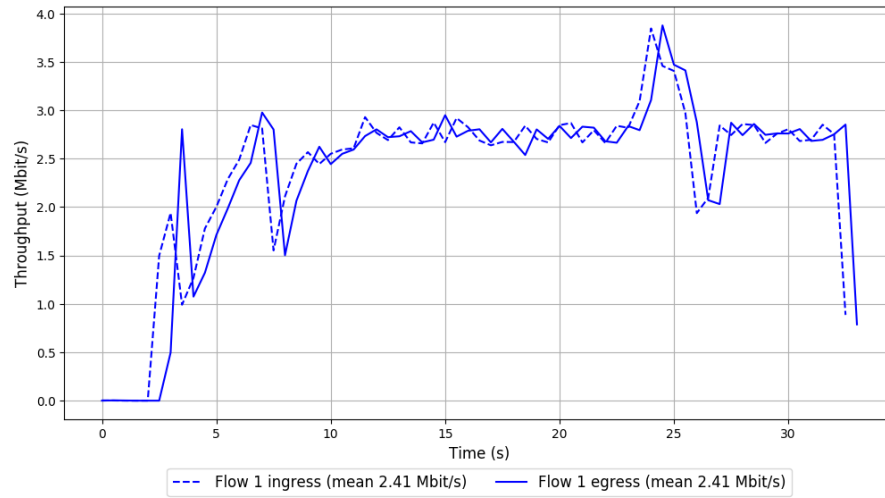


Run 4: Statistics of WebRTC media

Start at: 2019-07-18 06:33:27
End at: 2019-07-18 06:33:57
Local clock offset: -1.617 ms
Remote clock offset: -1.818 ms

Below is generated by plot.py at 2019-07-18 07:29:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 19.663 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 19.663 ms
Loss rate: 0.13%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-07-18 07:02:14
End at: 2019-07-18 07:02:44
Local clock offset: -0.311 ms
Remote clock offset: -0.095 ms

Below is generated by plot.py at 2019-07-18 07:29:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 18.708 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 18.708 ms
Loss rate: 0.11%

Run 5: Report of WebRTC media — Data Link

