

Pantheon Report

Generated at 2019-04-23 21:19:06 (UTC).

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

Repeated the test of 21 congestion control schemes 5 times.

Each test lasted for 30 seconds running 1 flow.

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

System info:

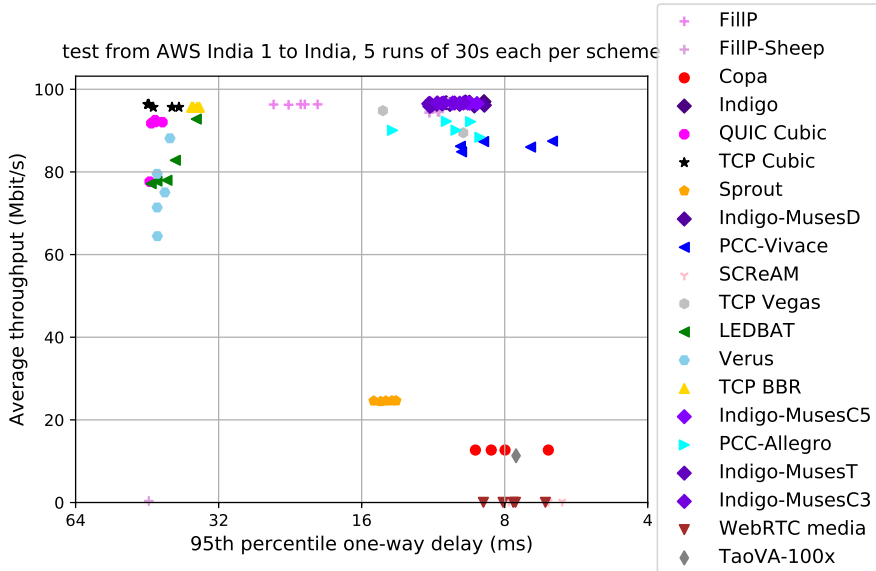
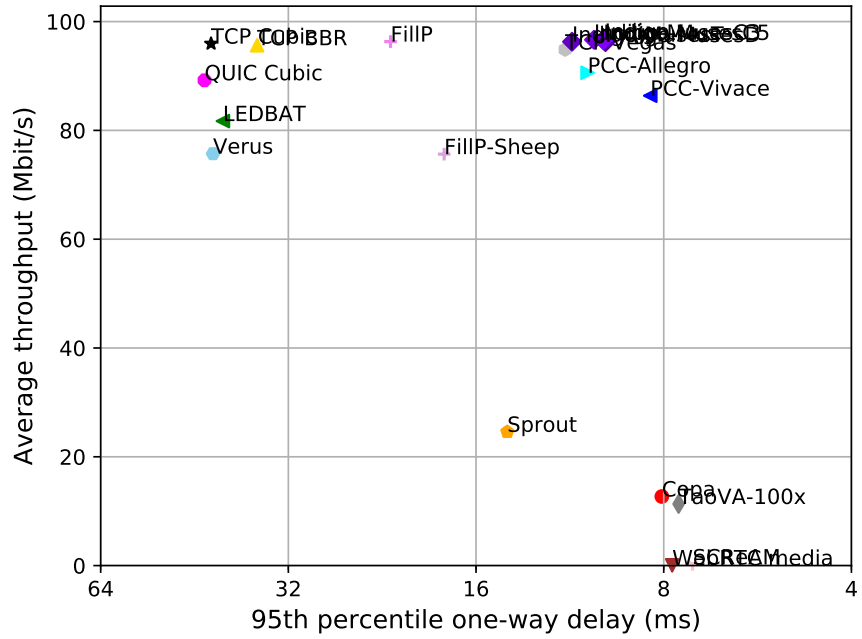
```
Linux 4.15.0-1034-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

Git summary:

```
branch: muses @ 7a686f7c2ed0a333082c0bab1fa5c921ab47e6ee
third_party/fillp @ d6da1459332fcee56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/muses @ 5ce721187ad823da20955337730c746486ca4966
third_party/pantheon-tunnel @ f866d3f58d27afd942717625ee3a354cc2e802bd
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
M src/ScreamClient
M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
```

third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851

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



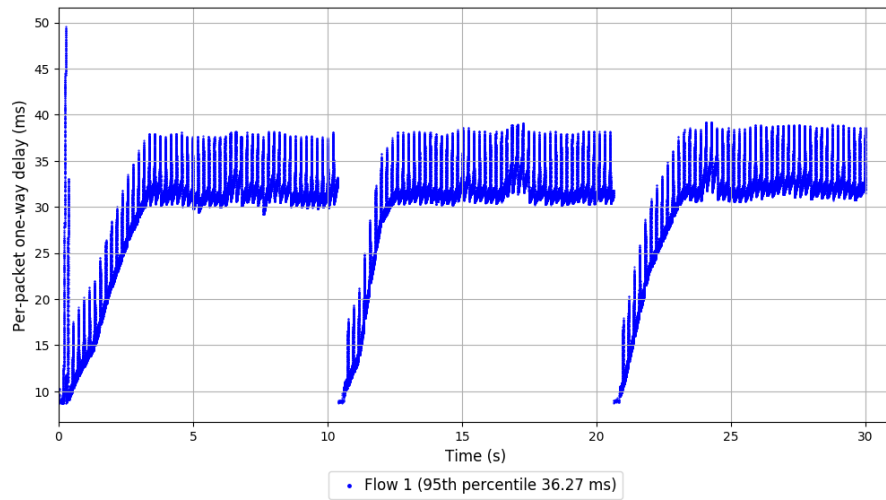
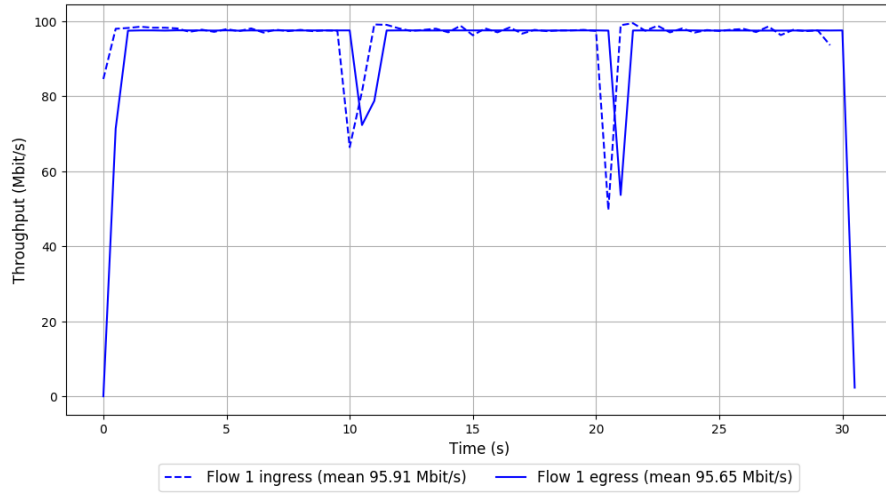
scheme	# runs	mean avg tput (Mbit/s)	mean 95th-%ile delay (ms)	mean loss rate (%)
		flow 1	flow 1	flow 1
TCP BBR	5	95.65	35.91	0.19
Copa	4	12.70	8.06	71.08
TCP Cubic	5	95.94	42.57	0.28
FillP	5	96.33	21.94	0.38
FillP-Sheep	5	75.63	18.00	8.20
Indigo	5	96.84	9.95	0.00
Indigo-MusesC3	5	96.66	10.35	0.01
Indigo-MusesC5	5	96.63	10.00	0.00
Indigo-MusesD	5	96.23	9.92	0.00
Indigo-MusesT	5	96.30	11.22	0.08
LEDBAT	5	81.71	40.75	0.07
PCC-Allegro	5	90.59	10.60	0.27
PCC-Expr	0	N/A	N/A	N/A
QUIC Cubic	5	89.21	43.61	0.46
SReAM	5	0.21	7.19	0.00
Sprout	5	24.59	14.26	0.00
TaoVA-100x	1	11.32	7.57	79.29
TCP Vegas	5	94.86	11.51	0.36
Verus	5	75.72	42.27	23.40
PCC-Vivace	5	86.38	8.41	0.00
WebRTC media	5	0.05	7.75	0.00

Run 1: Statistics of TCP BBR

Start at: 2019-04-23 19:09:04
End at: 2019-04-23 19:09:34
Local clock offset: -1.375 ms
Remote clock offset: -1.778 ms

Below is generated by plot.py at 2019-04-23 21:09:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.65 Mbit/s
95th percentile per-packet one-way delay: 36.266 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 95.65 Mbit/s
95th percentile per-packet one-way delay: 36.266 ms
Loss rate: 0.19%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2019-04-23 19:33:27
End at: 2019-04-23 19:33:57
Local clock offset: -0.852 ms
Remote clock offset: -3.683 ms

Below is generated by plot.py at 2019-04-23 21:09:01

Datalink statistics

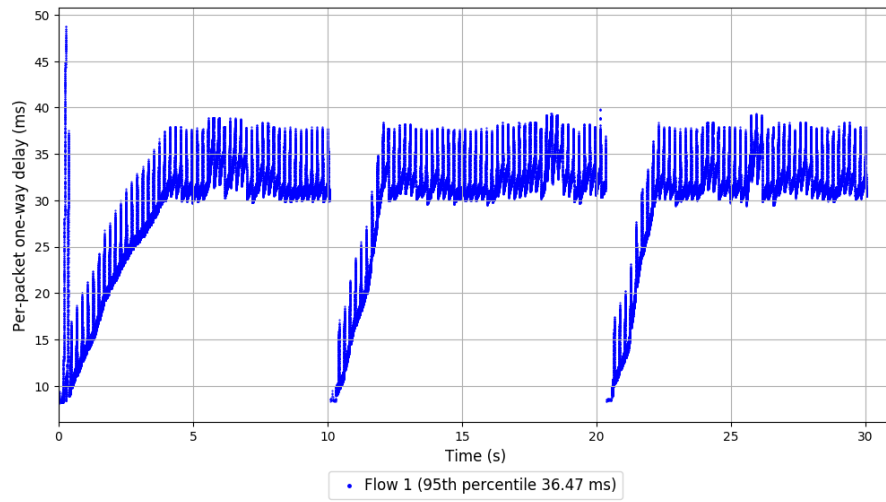
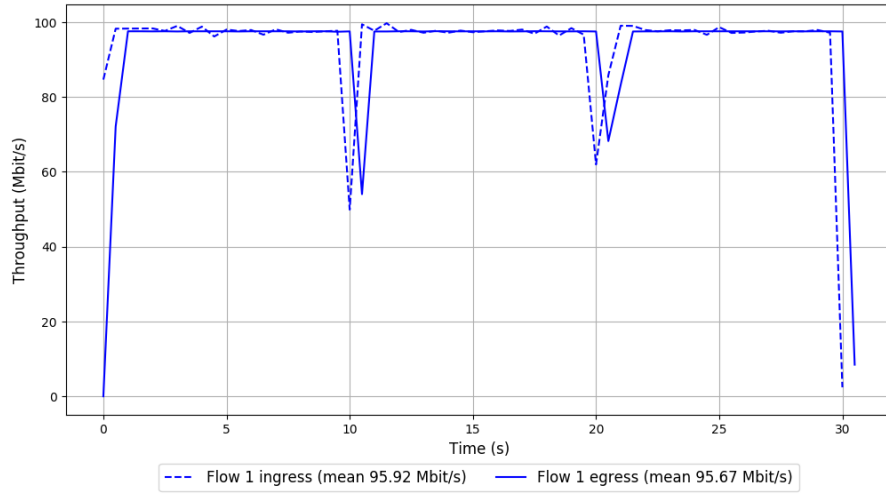
-- Total of 1 flow:

Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 36.474 ms
Loss rate: 0.18%

-- Flow 1:

Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 36.474 ms
Loss rate: 0.18%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2019-04-23 19:57:25

End at: 2019-04-23 19:57:55

Local clock offset: -2.263 ms

Remote clock offset: -5.48 ms

Below is generated by plot.py at 2019-04-23 21:09:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.65 Mbit/s

95th percentile per-packet one-way delay: 35.507 ms

Loss rate: 0.18%

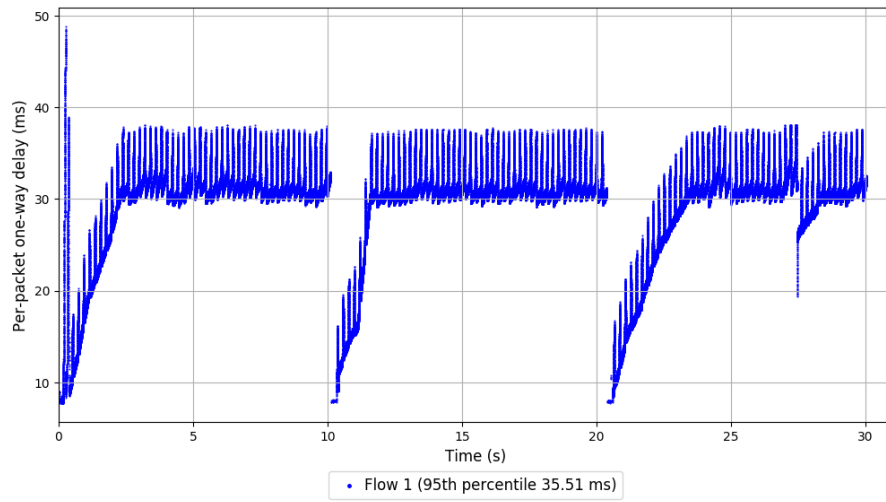
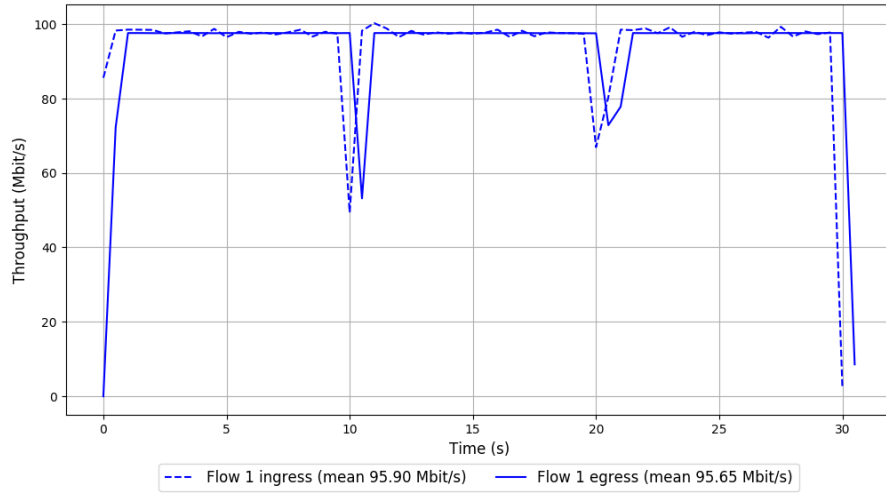
-- Flow 1:

Average throughput: 95.65 Mbit/s

95th percentile per-packet one-way delay: 35.507 ms

Loss rate: 0.18%

Run 3: Report of TCP BBR — Data Link

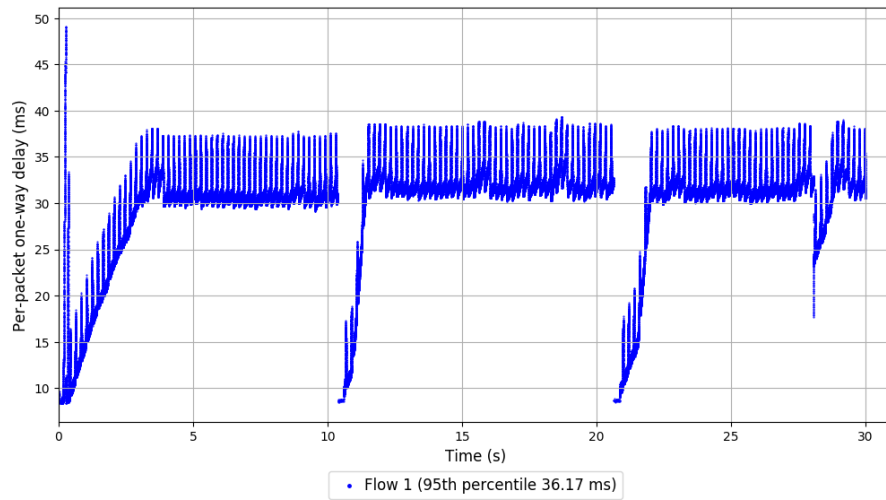
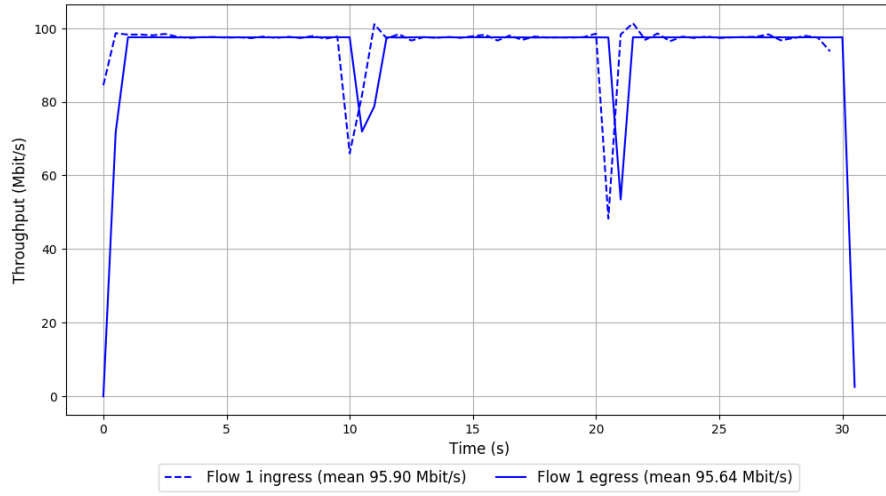


Run 4: Statistics of TCP BBR

Start at: 2019-04-23 20:21:45
End at: 2019-04-23 20:22:15
Local clock offset: -1.346 ms
Remote clock offset: -2.821 ms

```
# Below is generated by plot.py at 2019-04-23 21:09:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.64 Mbit/s
95th percentile per-packet one-way delay: 36.168 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 95.64 Mbit/s
95th percentile per-packet one-way delay: 36.168 ms
Loss rate: 0.19%
```

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2019-04-23 20:46:15

End at: 2019-04-23 20:46:45

Local clock offset: 0.144 ms

Remote clock offset: -4.131 ms

Below is generated by plot.py at 2019-04-23 21:09:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.65 Mbit/s

95th percentile per-packet one-way delay: 35.113 ms

Loss rate: 0.19%

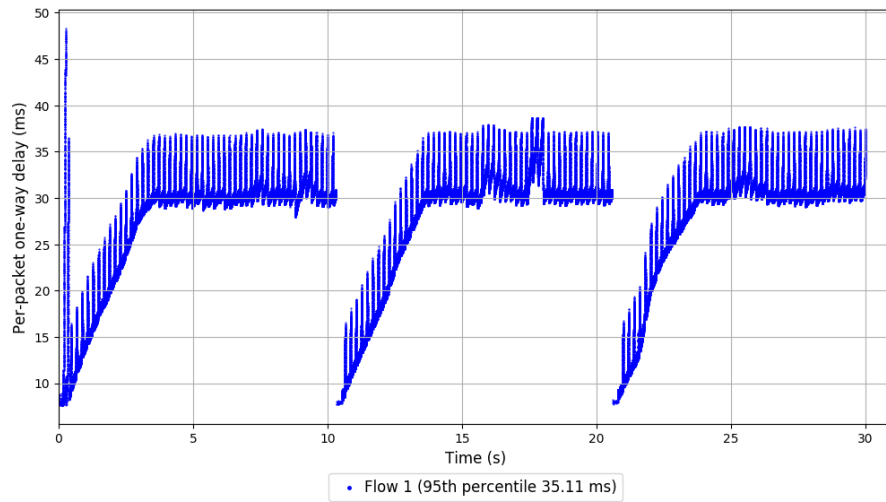
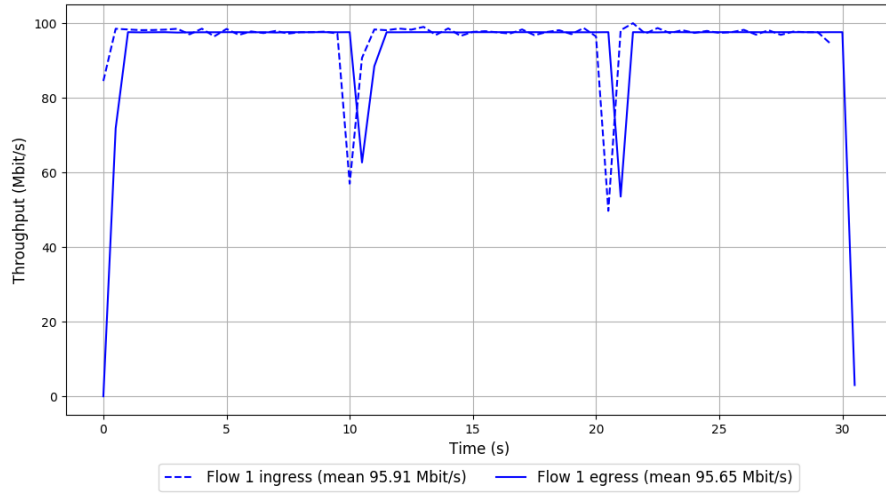
-- Flow 1:

Average throughput: 95.65 Mbit/s

95th percentile per-packet one-way delay: 35.113 ms

Loss rate: 0.19%

Run 5: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

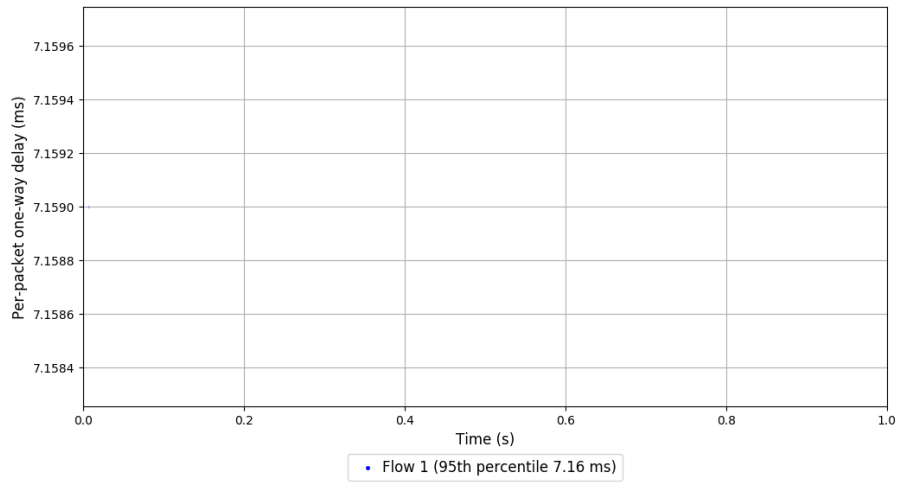
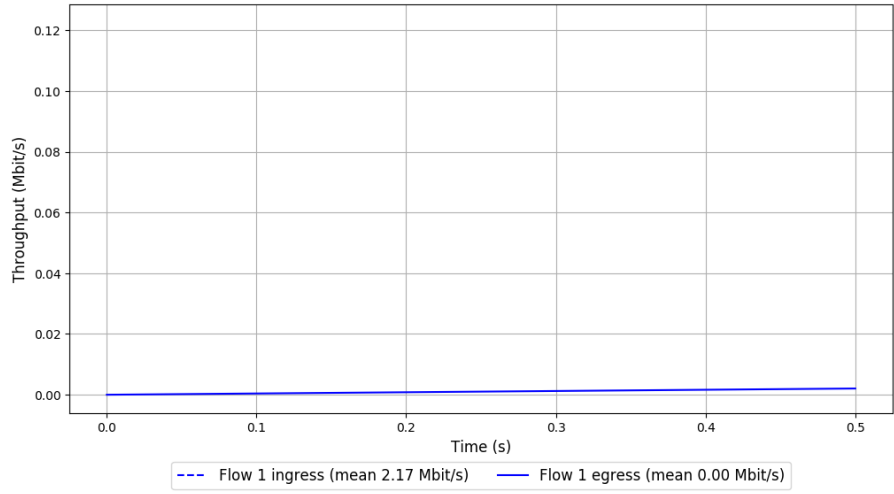
Start at: 2019-04-23 19:11:19

End at: 2019-04-23 19:11:49

Local clock offset: -0.785 ms

Remote clock offset: -2.993 ms

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2019-04-23 19:35:41

End at: 2019-04-23 19:36:11

Local clock offset: -1.415 ms

Remote clock offset: -4.34 ms

Below is generated by plot.py at 2019-04-23 21:09:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.70 Mbit/s

95th percentile per-packet one-way delay: 9.221 ms

Loss rate: 70.18%

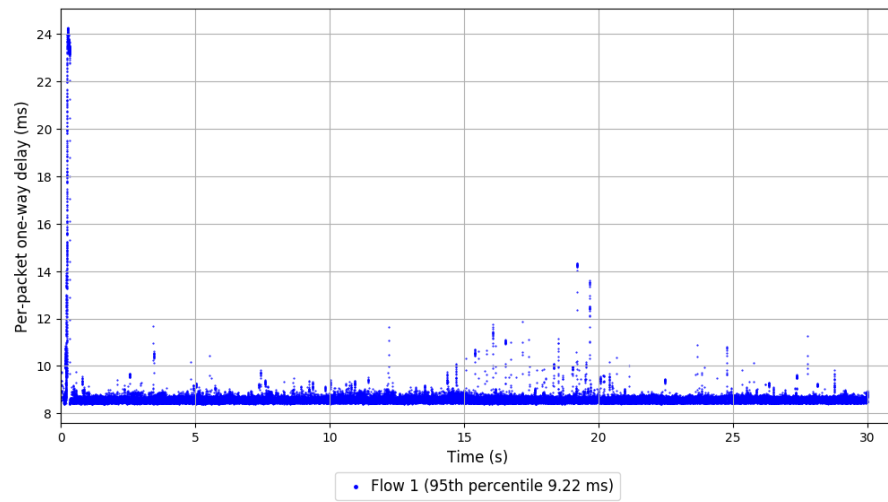
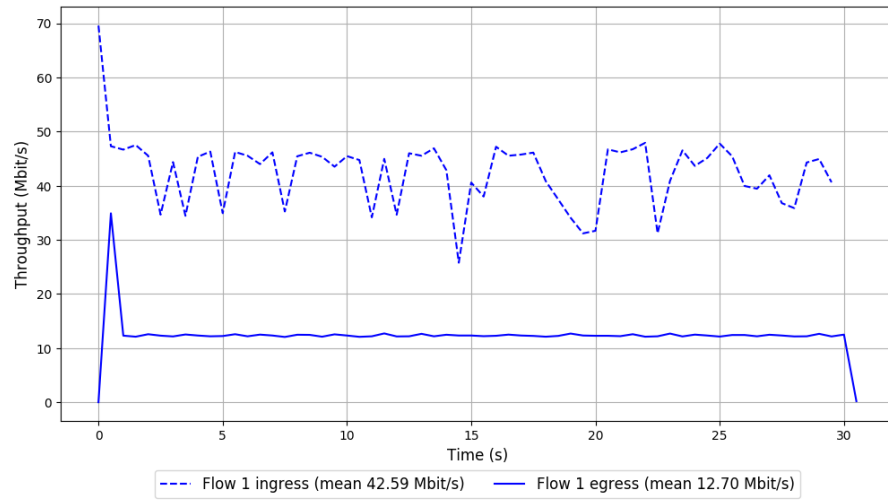
-- Flow 1:

Average throughput: 12.70 Mbit/s

95th percentile per-packet one-way delay: 9.221 ms

Loss rate: 70.18%

Run 2: Report of Copa — Data Link

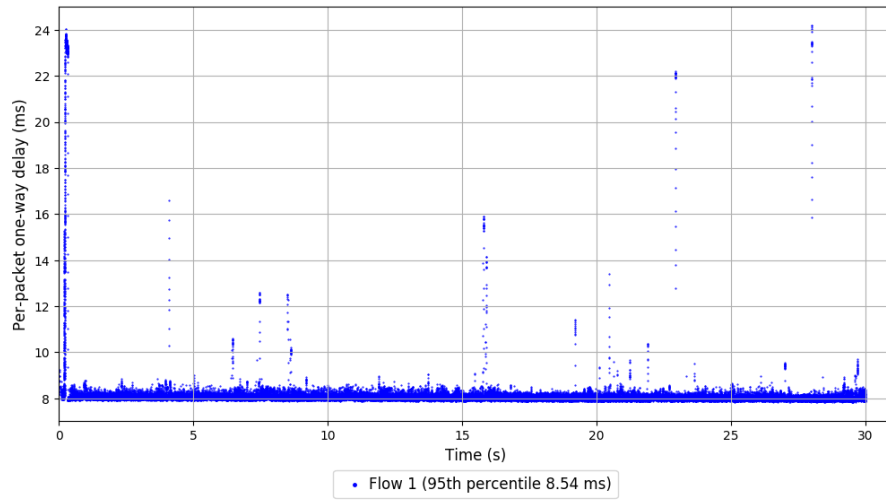
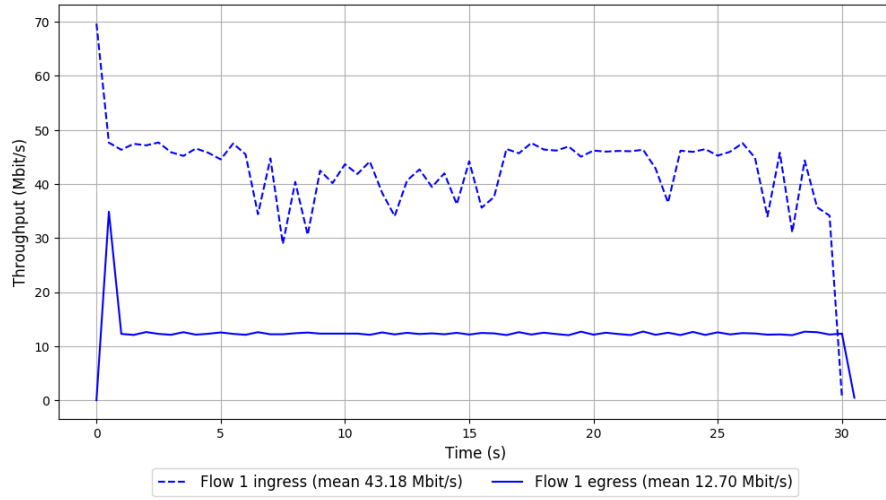


Run 3: Statistics of Copa

Start at: 2019-04-23 19:59:41
End at: 2019-04-23 20:00:11
Local clock offset: -1.642 ms
Remote clock offset: -4.345 ms

```
# Below is generated by plot.py at 2019-04-23 21:09:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.70 Mbit/s
95th percentile per-packet one-way delay: 8.540 ms
Loss rate: 70.58%
-- Flow 1:
Average throughput: 12.70 Mbit/s
95th percentile per-packet one-way delay: 8.540 ms
Loss rate: 70.58%
```

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2019-04-23 20:24:00

End at: 2019-04-23 20:24:30

Local clock offset: -0.66 ms

Remote clock offset: -4.887 ms

Below is generated by plot.py at 2019-04-23 21:09:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.70 Mbit/s

95th percentile per-packet one-way delay: 6.476 ms

Loss rate: 71.85%

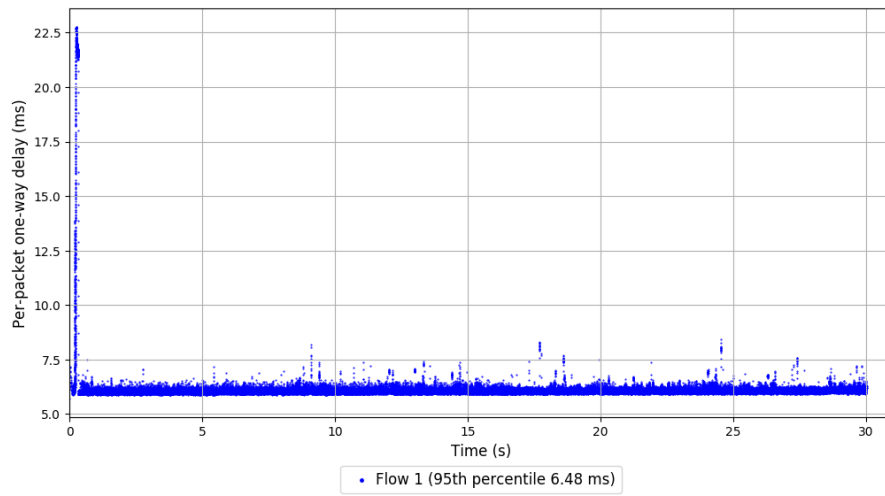
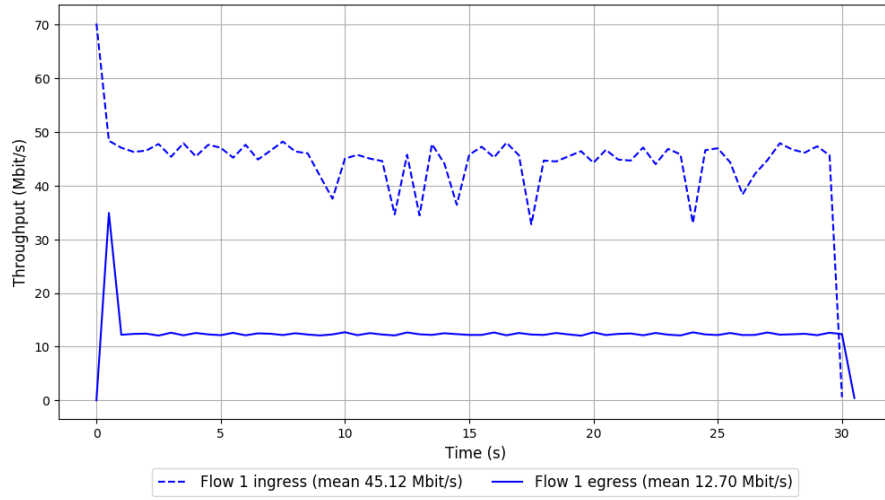
-- Flow 1:

Average throughput: 12.70 Mbit/s

95th percentile per-packet one-way delay: 6.476 ms

Loss rate: 71.85%

Run 4: Report of Copa — Data Link

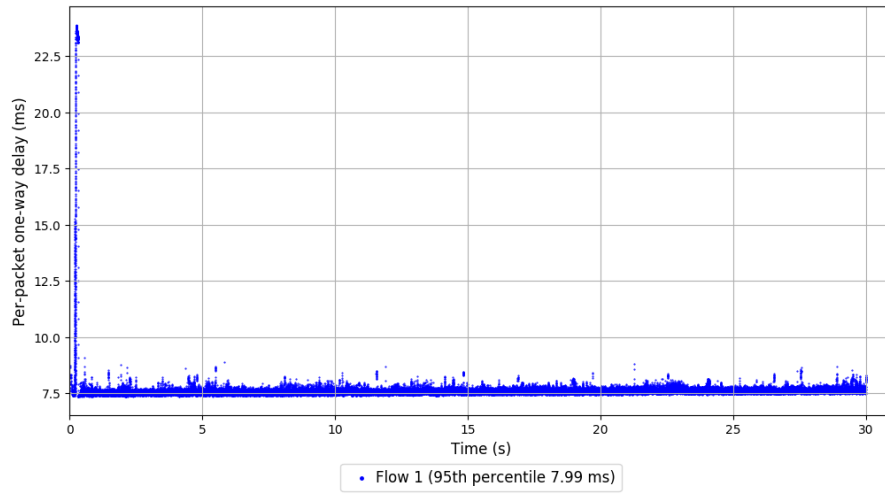
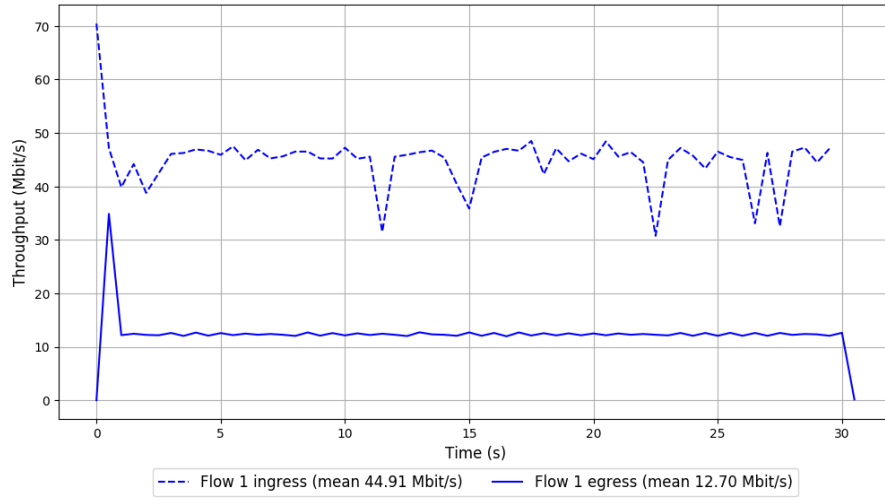


Run 5: Statistics of Copa

Start at: 2019-04-23 20:48:29
End at: 2019-04-23 20:48:59
Local clock offset: -0.089 ms
Remote clock offset: -5.273 ms

```
# Below is generated by plot.py at 2019-04-23 21:09:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.70 Mbit/s
95th percentile per-packet one-way delay: 7.987 ms
Loss rate: 71.72%
-- Flow 1:
Average throughput: 12.70 Mbit/s
95th percentile per-packet one-way delay: 7.987 ms
Loss rate: 71.72%
```

Run 5: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2019-04-23 19:28:45
End at: 2019-04-23 19:29:15
Local clock offset: -1.203 ms
Remote clock offset: -5.073 ms

Below is generated by plot.py at 2019-04-23 21:09:15

Datalink statistics

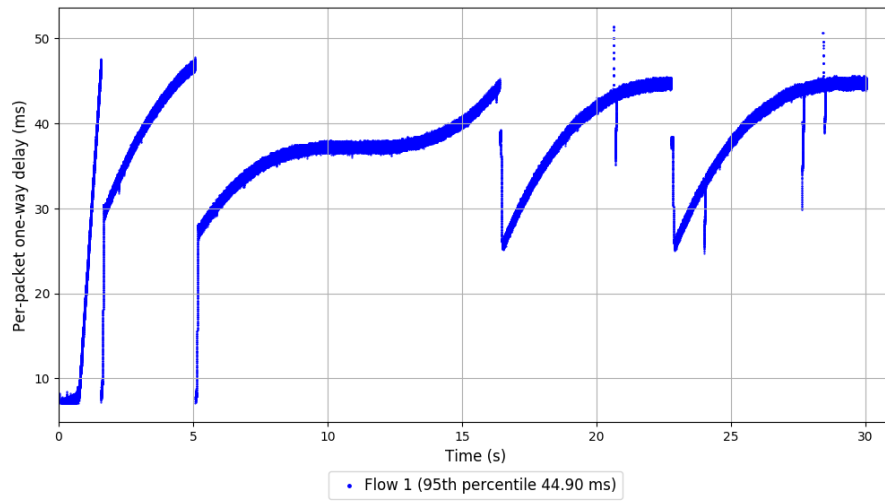
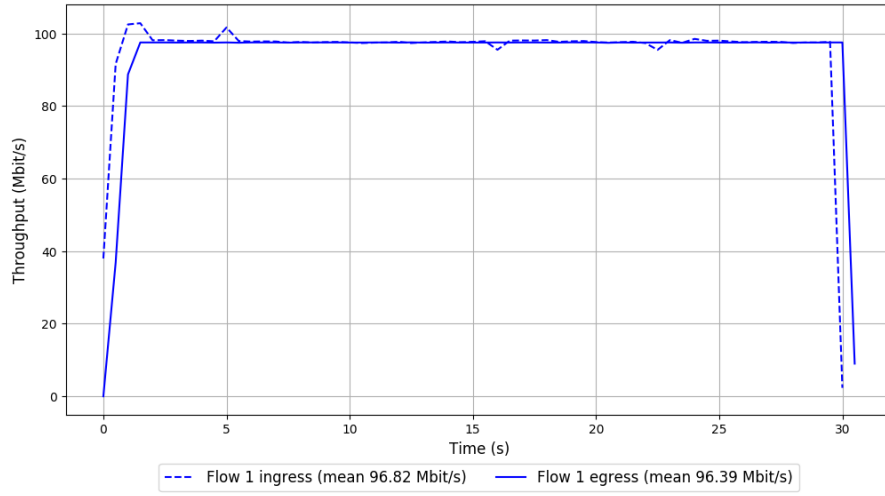
-- Total of 1 flow:

Average throughput: 96.39 Mbit/s
95th percentile per-packet one-way delay: 44.898 ms
Loss rate: 0.35%

-- Flow 1:

Average throughput: 96.39 Mbit/s
95th percentile per-packet one-way delay: 44.898 ms
Loss rate: 0.35%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2019-04-23 19:52:48

End at: 2019-04-23 19:53:18

Local clock offset: -1.295 ms

Remote clock offset: -6.89 ms

Below is generated by plot.py at 2019-04-23 21:09:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.66 Mbit/s

95th percentile per-packet one-way delay: 38.790 ms

Loss rate: 0.18%

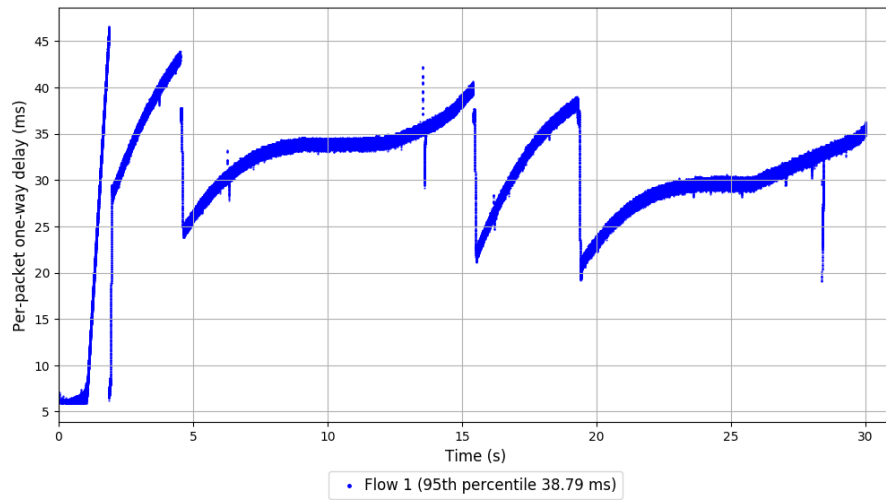
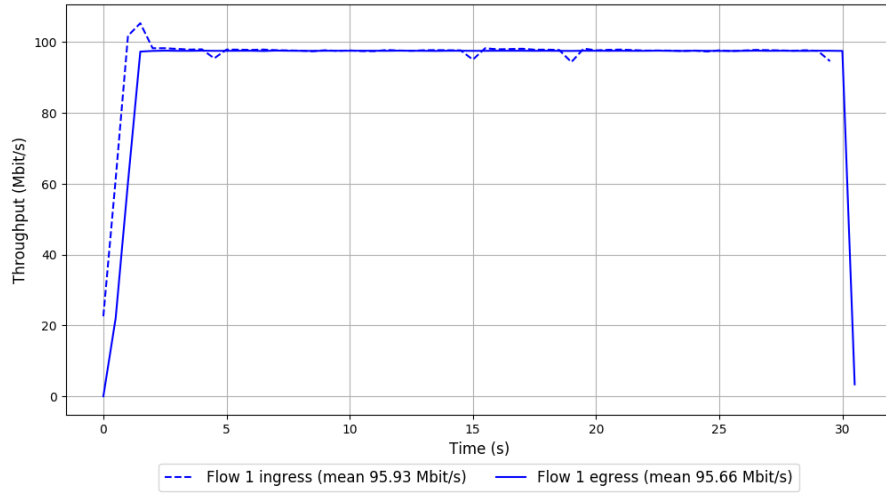
-- Flow 1:

Average throughput: 95.66 Mbit/s

95th percentile per-packet one-way delay: 38.790 ms

Loss rate: 0.18%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2019-04-23 20:16:58
End at: 2019-04-23 20:17:28
Local clock offset: -2.263 ms
Remote clock offset: -4.909 ms

Below is generated by plot.py at 2019-04-23 21:09:26

Datalink statistics

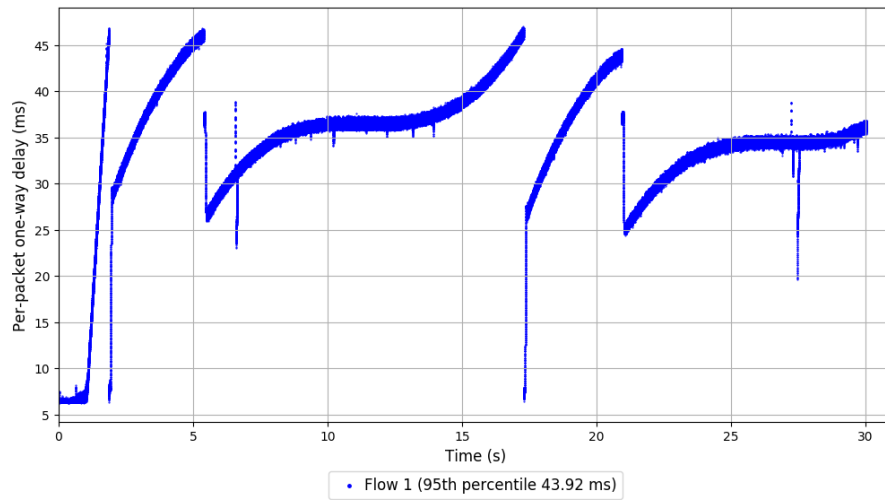
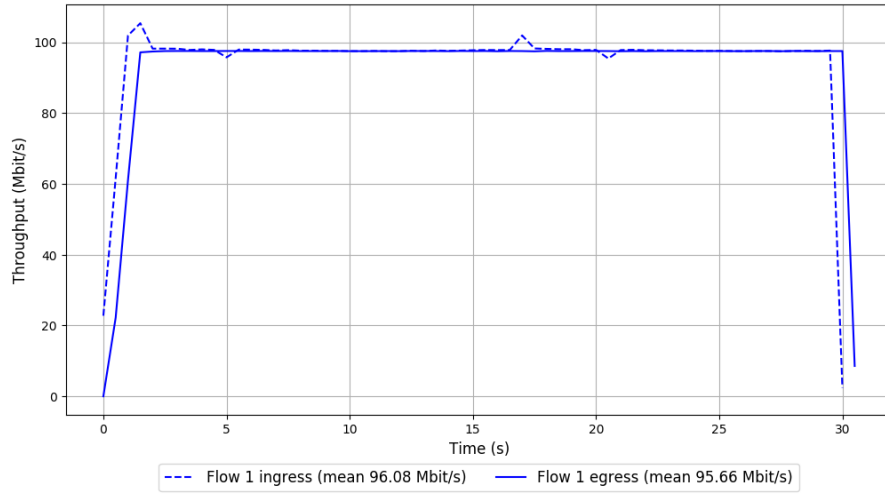
-- Total of 1 flow:

Average throughput: 95.66 Mbit/s
95th percentile per-packet one-way delay: 43.921 ms
Loss rate: 0.35%

-- Flow 1:

Average throughput: 95.66 Mbit/s
95th percentile per-packet one-way delay: 43.921 ms
Loss rate: 0.35%

Run 3: Report of TCP Cubic — Data Link

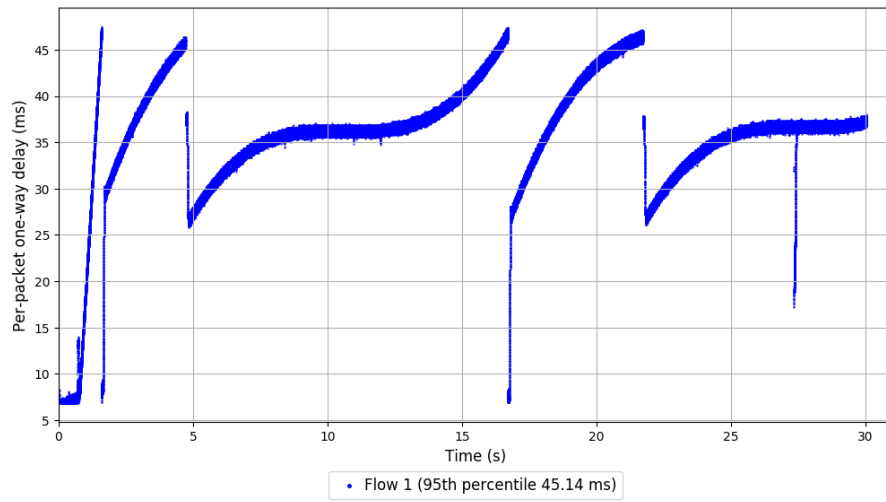
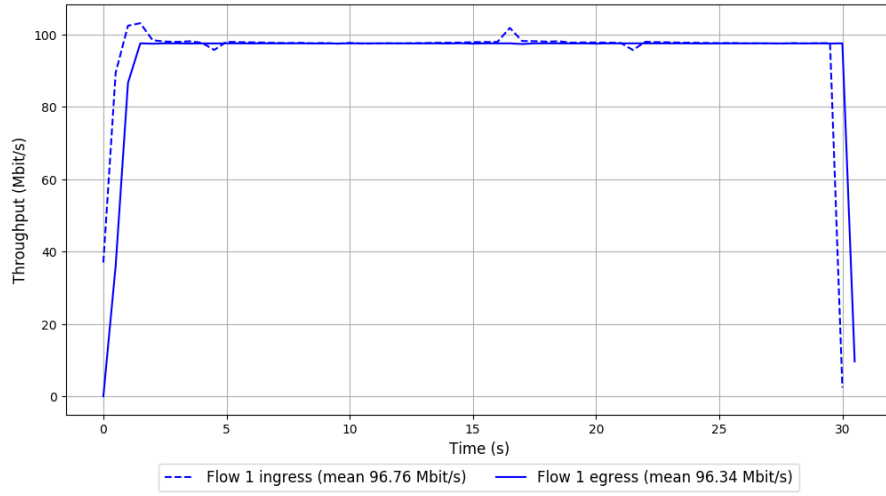


Run 4: Statistics of TCP Cubic

Start at: 2019-04-23 20:41:32
End at: 2019-04-23 20:42:02
Local clock offset: -0.358 ms
Remote clock offset: -4.744 ms

Below is generated by plot.py at 2019-04-23 21:10:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.34 Mbit/s
95th percentile per-packet one-way delay: 45.144 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 96.34 Mbit/s
95th percentile per-packet one-way delay: 45.144 ms
Loss rate: 0.33%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2019-04-23 21:05:40

End at: 2019-04-23 21:06:10

Local clock offset: 1.515 ms

Remote clock offset: -7.445 ms

Below is generated by plot.py at 2019-04-23 21:10:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.67 Mbit/s

95th percentile per-packet one-way delay: 40.108 ms

Loss rate: 0.18%

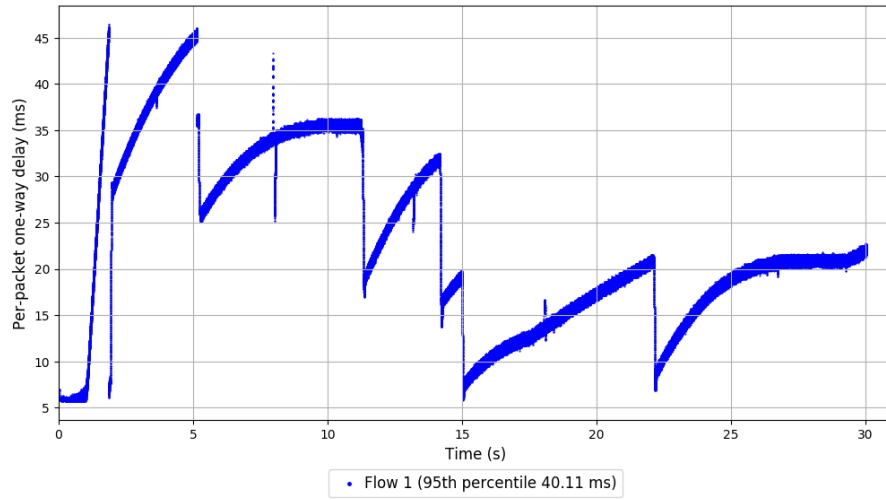
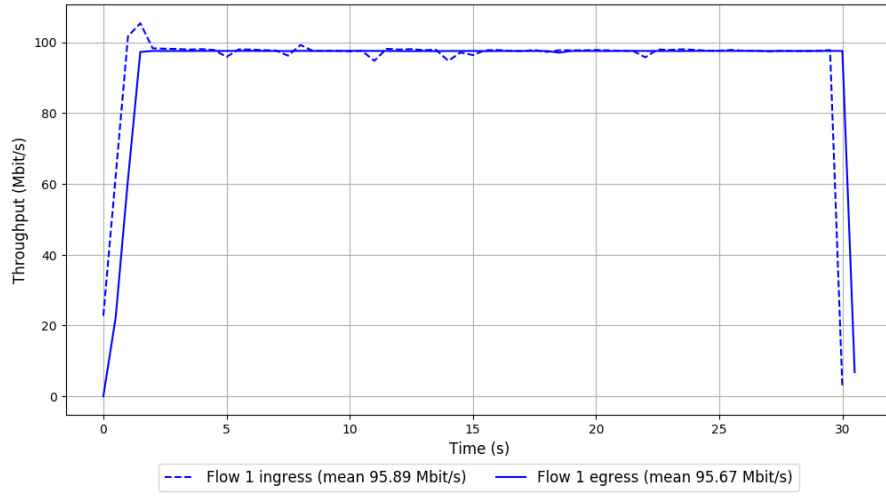
-- Flow 1:

Average throughput: 95.67 Mbit/s

95th percentile per-packet one-way delay: 40.108 ms

Loss rate: 0.18%

Run 5: Report of TCP Cubic — Data Link

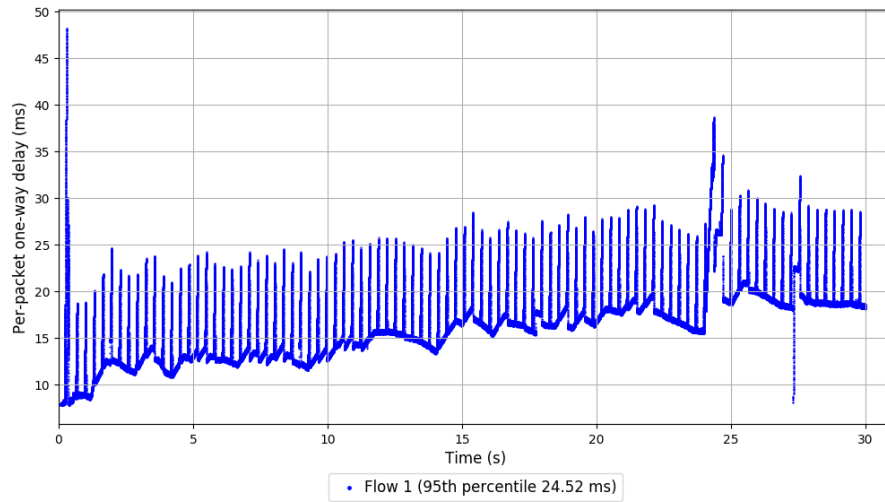
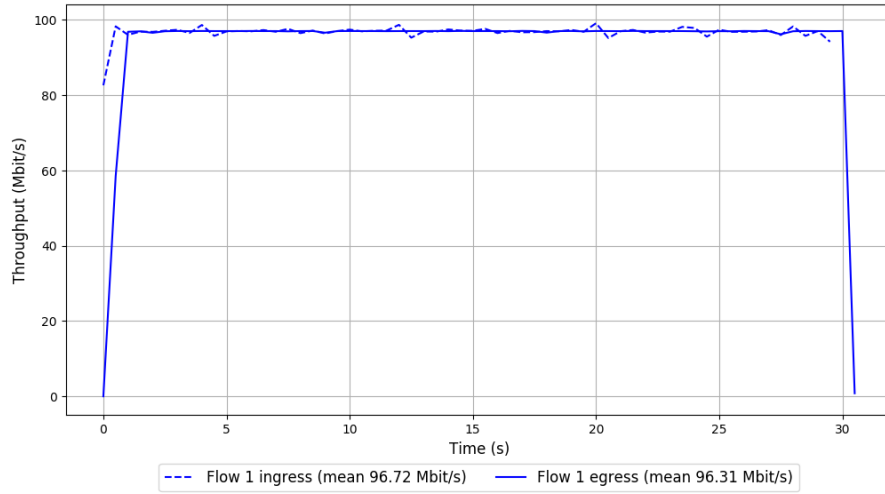


Run 1: Statistics of FillP

Start at: 2019-04-23 19:26:27
End at: 2019-04-23 19:26:57
Local clock offset: -0.804 ms
Remote clock offset: -3.724 ms

Below is generated by plot.py at 2019-04-23 21:10:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.31 Mbit/s
95th percentile per-packet one-way delay: 24.517 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 96.31 Mbit/s
95th percentile per-packet one-way delay: 24.517 ms
Loss rate: 0.39%

Run 1: Report of FillP — Data Link

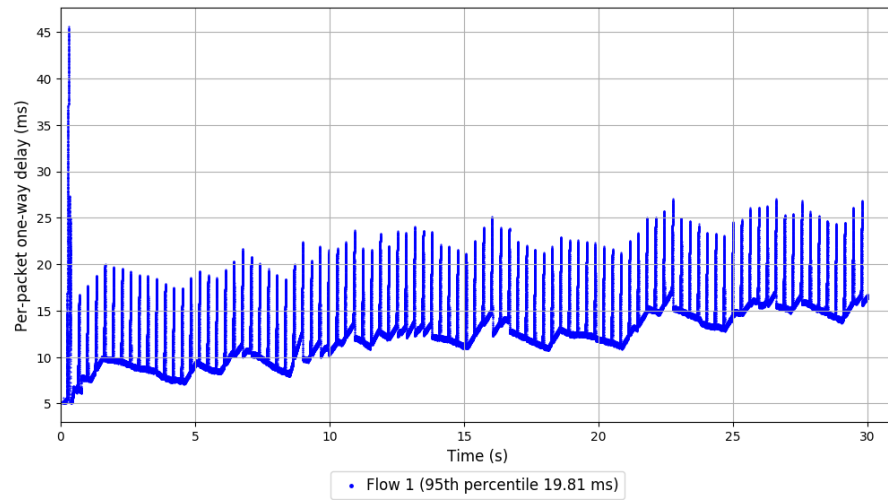
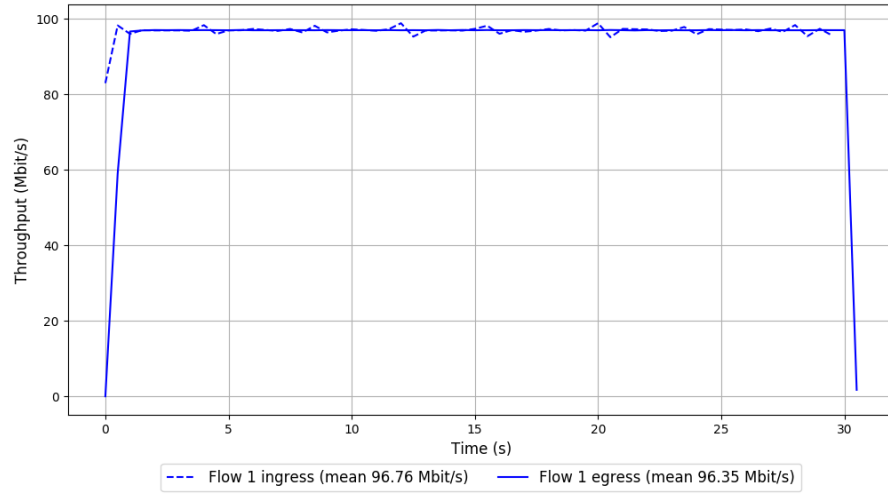


Run 2: Statistics of FillP

Start at: 2019-04-23 19:50:32
End at: 2019-04-23 19:51:02
Local clock offset: -0.576 ms
Remote clock offset: -6.686 ms

Below is generated by plot.py at 2019-04-23 21:10:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.35 Mbit/s
95th percentile per-packet one-way delay: 19.808 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 96.35 Mbit/s
95th percentile per-packet one-way delay: 19.808 ms
Loss rate: 0.39%

Run 2: Report of FillP — Data Link

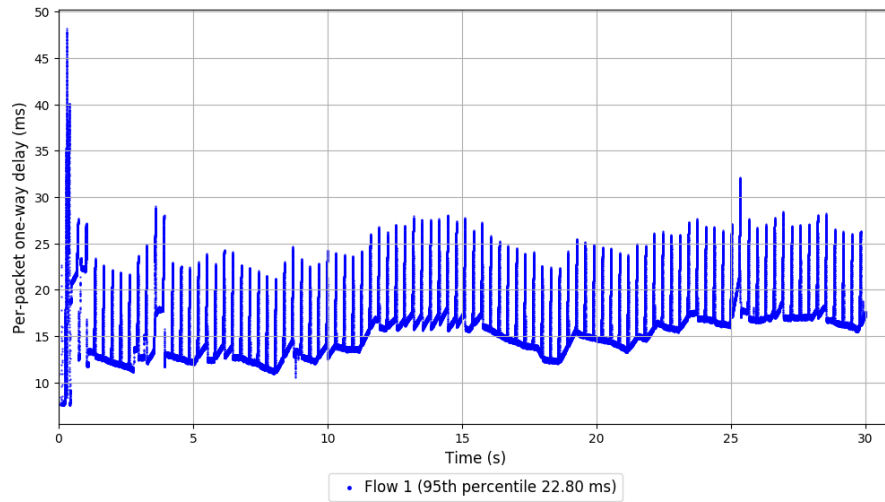
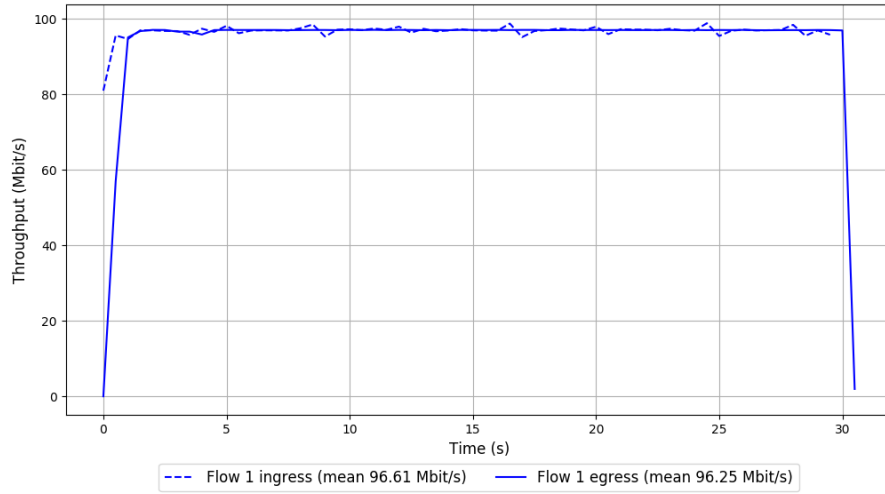


Run 3: Statistics of FillP

Start at: 2019-04-23 20:14:43
End at: 2019-04-23 20:15:13
Local clock offset: -2.245 ms
Remote clock offset: -3.034 ms

Below is generated by plot.py at 2019-04-23 21:10:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.25 Mbit/s
95th percentile per-packet one-way delay: 22.799 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 96.25 Mbit/s
95th percentile per-packet one-way delay: 22.799 ms
Loss rate: 0.35%

Run 3: Report of FillP — Data Link

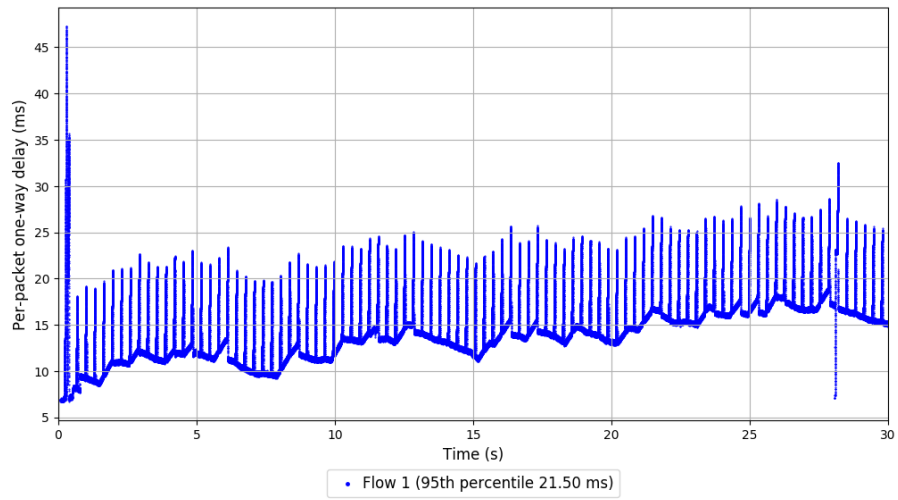
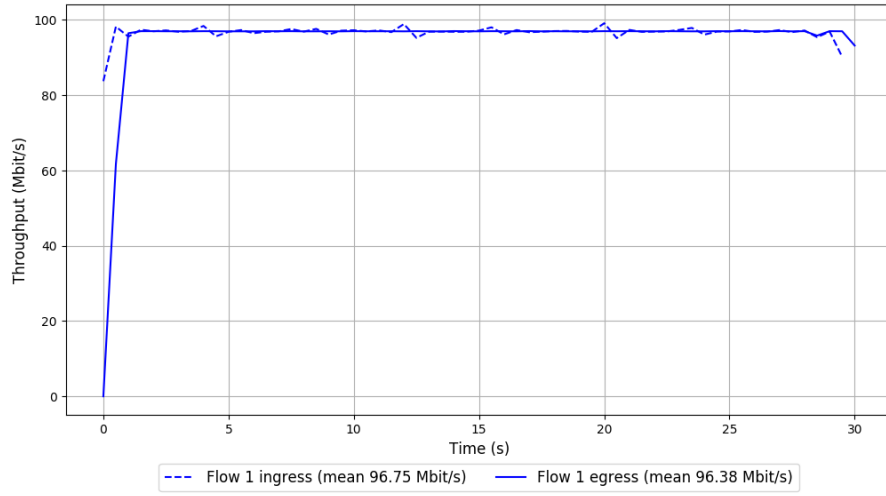


Run 4: Statistics of FillP

Start at: 2019-04-23 20:39:18
End at: 2019-04-23 20:39:48
Local clock offset: -0.686 ms
Remote clock offset: -4.885 ms

Below is generated by plot.py at 2019-04-23 21:10:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.38 Mbit/s
95th percentile per-packet one-way delay: 21.504 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 96.38 Mbit/s
95th percentile per-packet one-way delay: 21.504 ms
Loss rate: 0.36%

Run 4: Report of FillP — Data Link

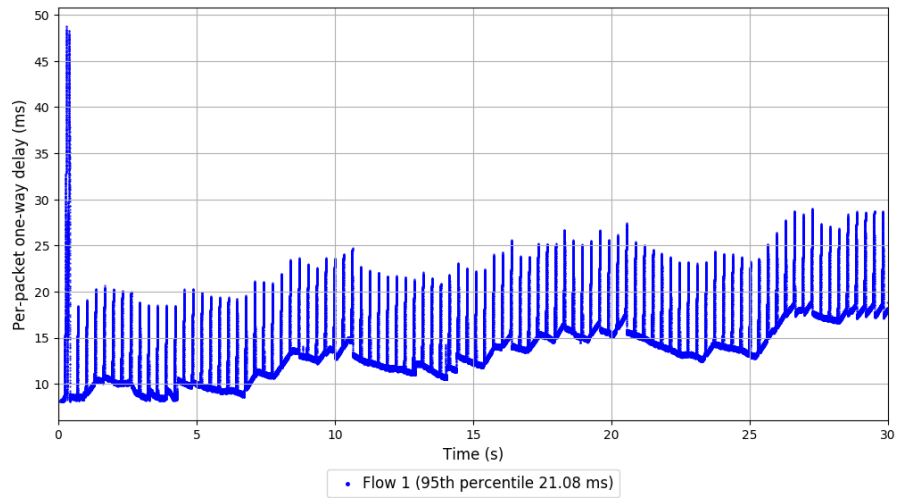
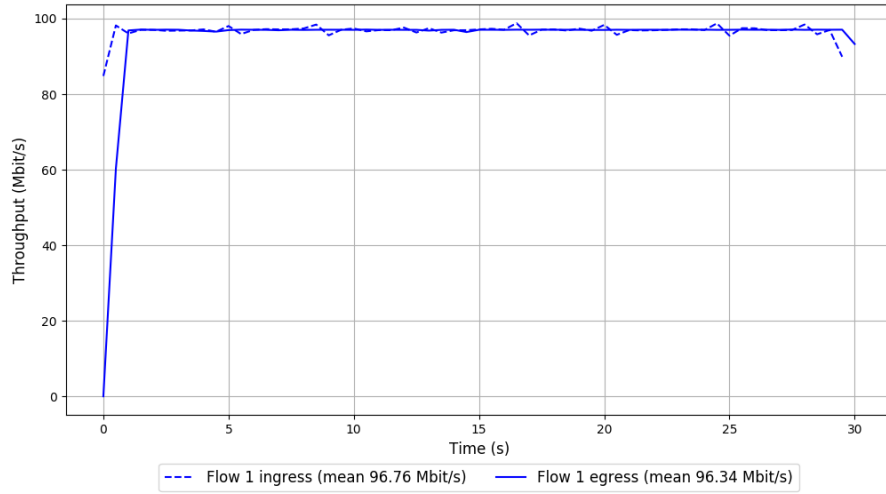


Run 5: Statistics of FillP

Start at: 2019-04-23 21:03:25
End at: 2019-04-23 21:03:55
Local clock offset: 1.251 ms
Remote clock offset: -5.082 ms

Below is generated by plot.py at 2019-04-23 21:10:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.34 Mbit/s
95th percentile per-packet one-way delay: 21.077 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 96.34 Mbit/s
95th percentile per-packet one-way delay: 21.077 ms
Loss rate: 0.39%

Run 5: Report of FillP — Data Link

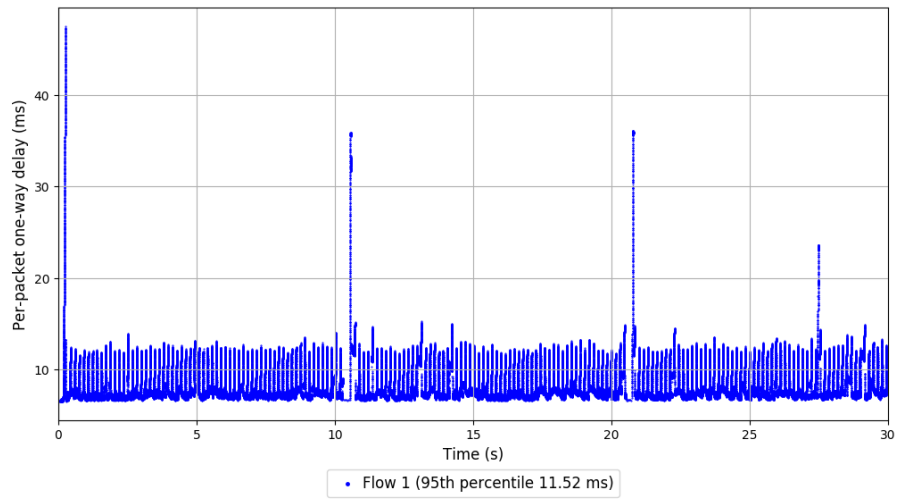
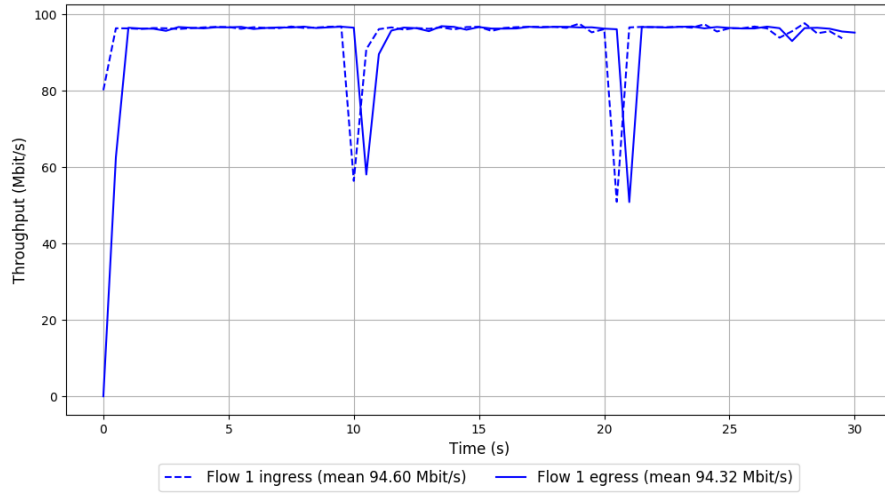


Run 1: Statistics of FillP-Sheep

Start at: 2019-04-23 19:05:32
End at: 2019-04-23 19:06:02
Local clock offset: -0.465 ms
Remote clock offset: -2.555 ms

Below is generated by plot.py at 2019-04-23 21:10:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.32 Mbit/s
95th percentile per-packet one-way delay: 11.515 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 94.32 Mbit/s
95th percentile per-packet one-way delay: 11.515 ms
Loss rate: 0.28%

Run 1: Report of FillP-Sheep — Data Link

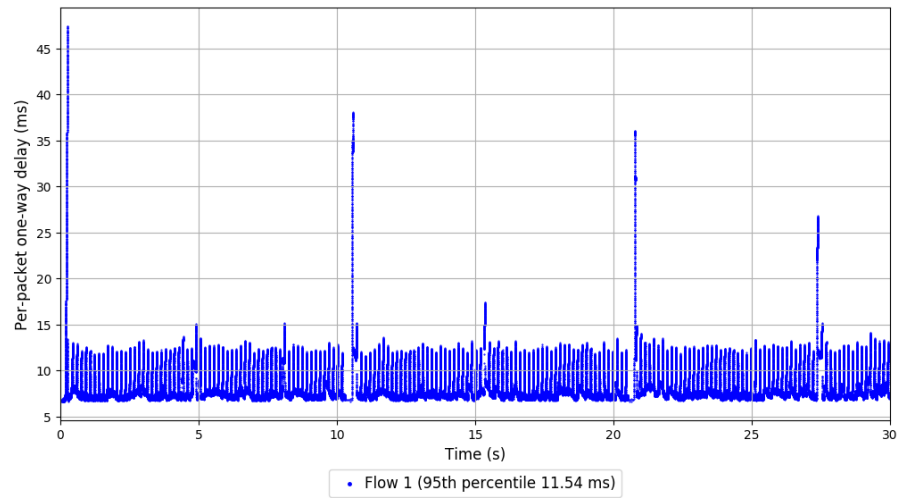
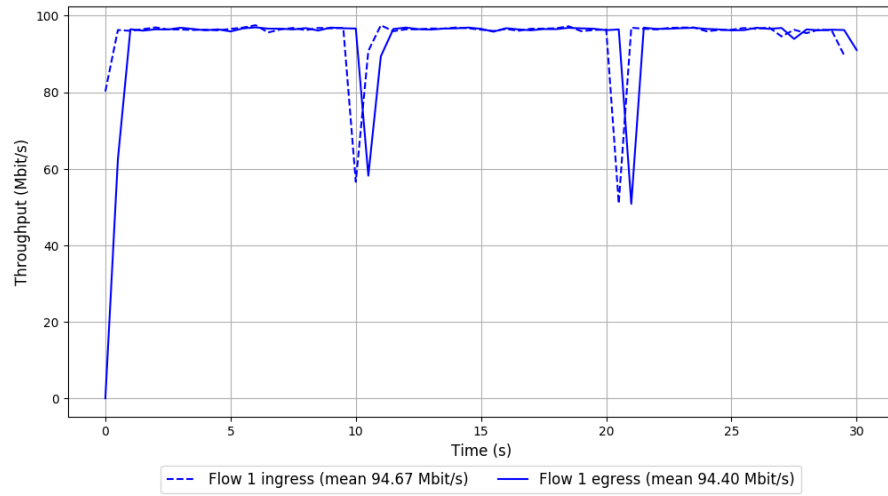


Run 2: Statistics of FillP-Sheep

Start at: 2019-04-23 19:29:57
End at: 2019-04-23 19:30:27
Local clock offset: -0.554 ms
Remote clock offset: -4.758 ms

Below is generated by plot.py at 2019-04-23 21:11:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.40 Mbit/s
95th percentile per-packet one-way delay: 11.537 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 94.40 Mbit/s
95th percentile per-packet one-way delay: 11.537 ms
Loss rate: 0.29%

Run 2: Report of FillP-Sheep — Data Link

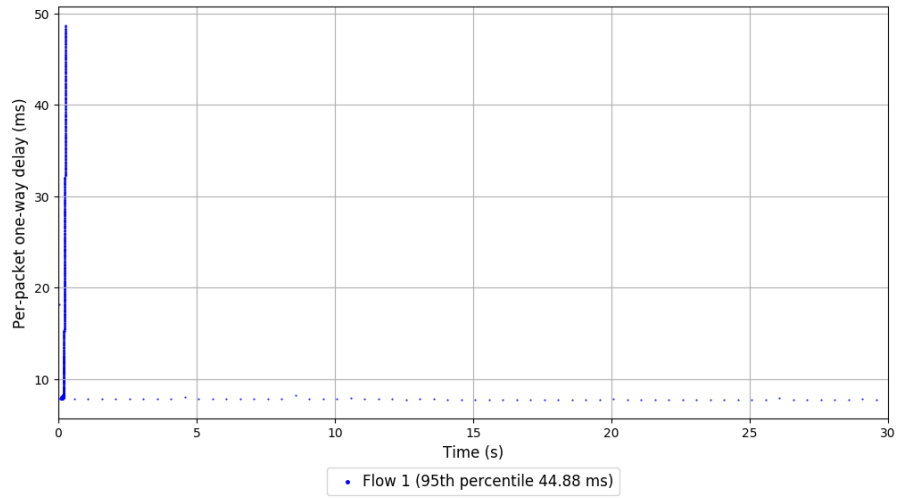
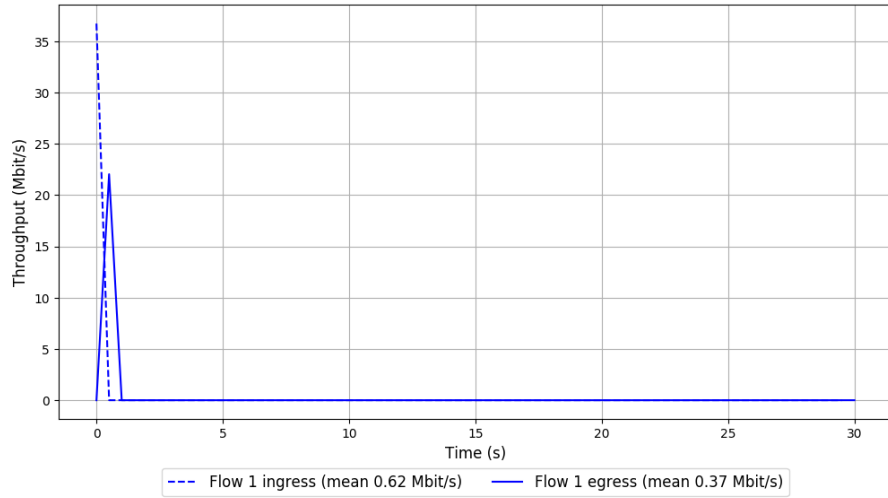


Run 3: Statistics of FillP-Sheep

Start at: 2019-04-23 19:53:59
End at: 2019-04-23 19:54:29
Local clock offset: -1.012 ms
Remote clock offset: -4.524 ms

```
# Below is generated by plot.py at 2019-04-23 21:11:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 44.882 ms
Loss rate: 39.86%
-- Flow 1:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 44.882 ms
Loss rate: 39.86%
```

Run 3: Report of FillP-Sheep — Data Link

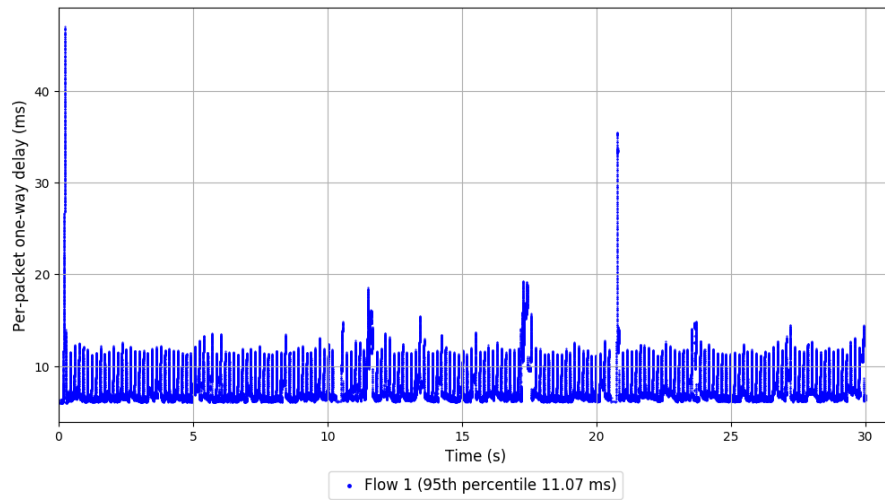
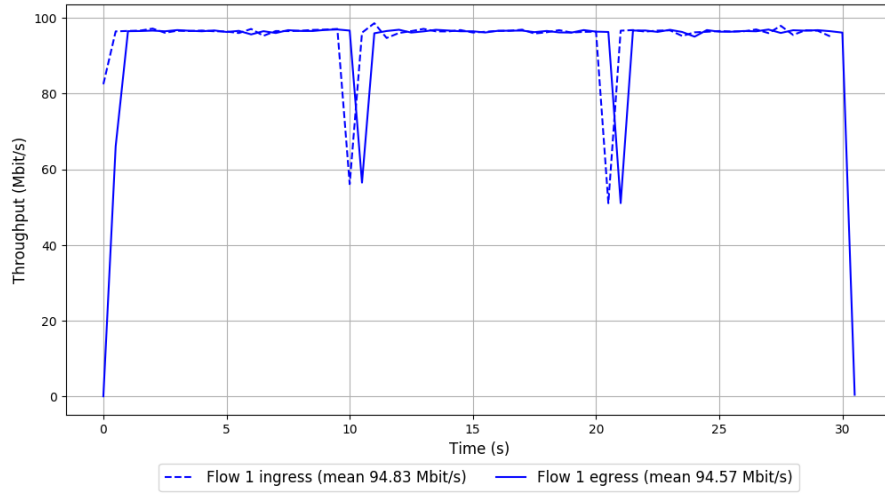


Run 4: Statistics of FillP-Sheep

Start at: 2019-04-23 20:18:11
End at: 2019-04-23 20:18:41
Local clock offset: -0.791 ms
Remote clock offset: -3.904 ms

Below is generated by plot.py at 2019-04-23 21:11:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.57 Mbit/s
95th percentile per-packet one-way delay: 11.070 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 94.57 Mbit/s
95th percentile per-packet one-way delay: 11.070 ms
Loss rate: 0.27%

Run 4: Report of FillP-Sheep — Data Link

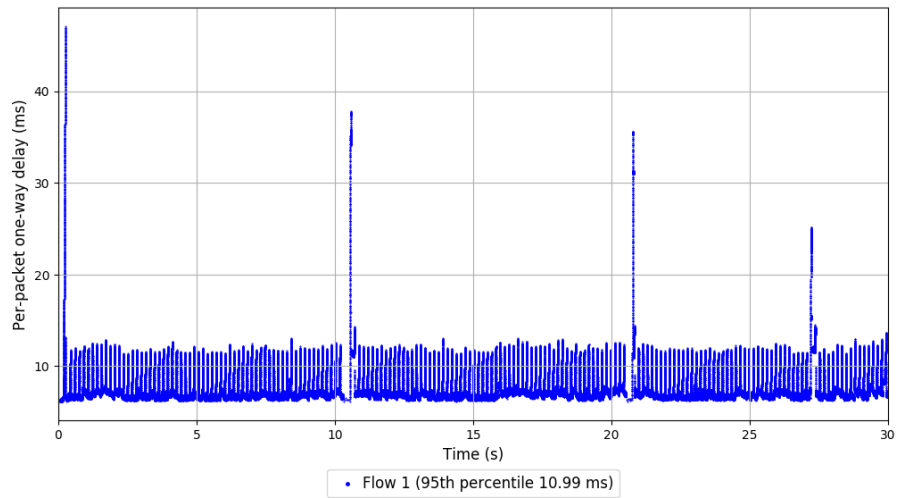
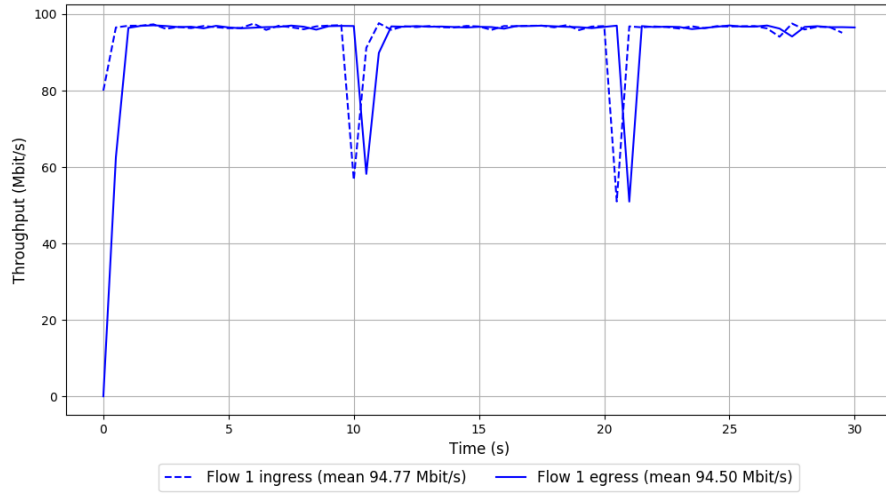


Run 5: Statistics of FillP-Sheep

Start at: 2019-04-23 20:42:43
End at: 2019-04-23 20:43:13
Local clock offset: -0.721 ms
Remote clock offset: -5.765 ms

Below is generated by plot.py at 2019-04-23 21:11:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.50 Mbit/s
95th percentile per-packet one-way delay: 10.991 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 94.50 Mbit/s
95th percentile per-packet one-way delay: 10.991 ms
Loss rate: 0.28%

Run 5: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

Start at: 2019-04-23 19:16:56
End at: 2019-04-23 19:17:26
Local clock offset: -1.099 ms
Remote clock offset: -4.094 ms

Below is generated by plot.py at 2019-04-23 21:11:46

Datalink statistics

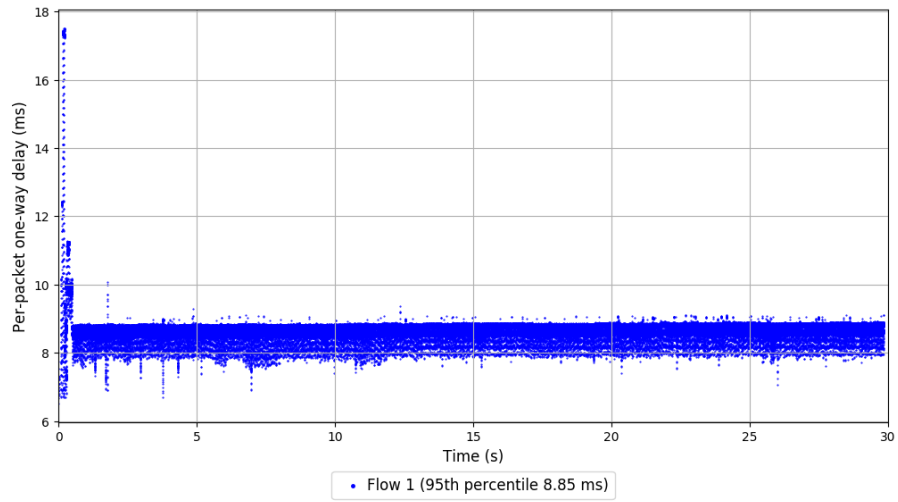
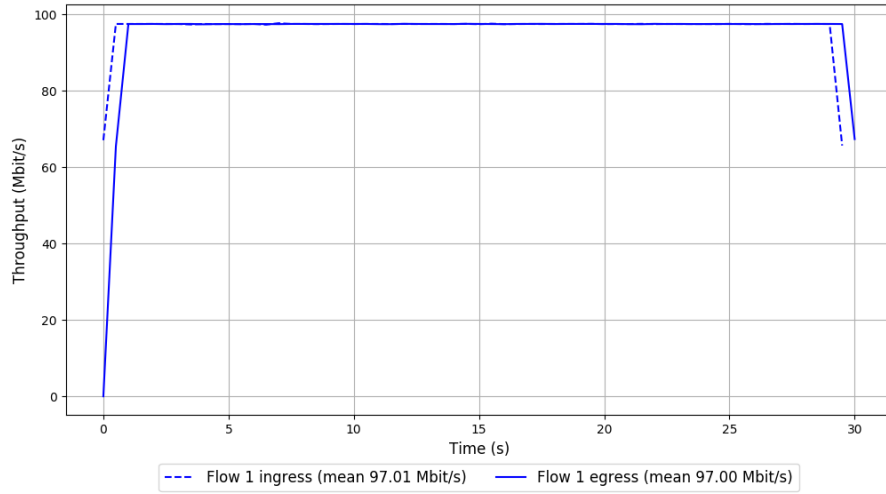
-- Total of 1 flow:

Average throughput: 97.00 Mbit/s
95th percentile per-packet one-way delay: 8.846 ms
Loss rate: 0.00%

-- Flow 1:

Average throughput: 97.00 Mbit/s
95th percentile per-packet one-way delay: 8.846 ms
Loss rate: 0.00%

Run 1: Report of Indigo — Data Link

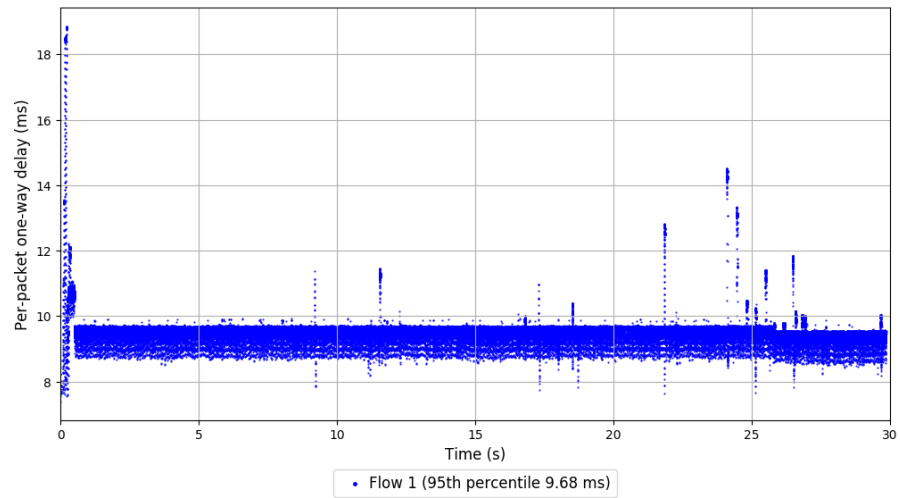
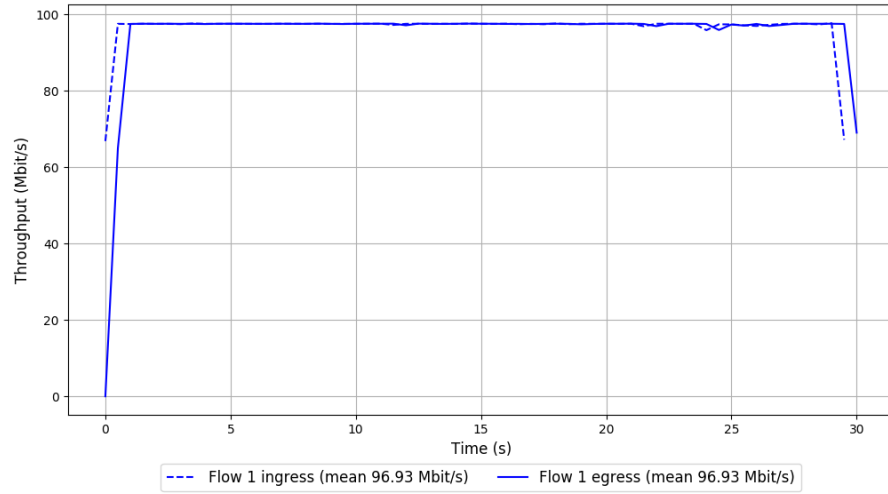


Run 2: Statistics of Indigo

Start at: 2019-04-23 19:41:15
End at: 2019-04-23 19:41:45
Local clock offset: -0.993 ms
Remote clock offset: -4.876 ms

Below is generated by plot.py at 2019-04-23 21:11:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.93 Mbit/s
95th percentile per-packet one-way delay: 9.679 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.93 Mbit/s
95th percentile per-packet one-way delay: 9.679 ms
Loss rate: 0.00%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2019-04-23 20:05:18

End at: 2019-04-23 20:05:49

Local clock offset: -1.81 ms

Remote clock offset: -4.226 ms

Below is generated by plot.py at 2019-04-23 21:11:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.76 Mbit/s

95th percentile per-packet one-way delay: 10.625 ms

Loss rate: 0.00%

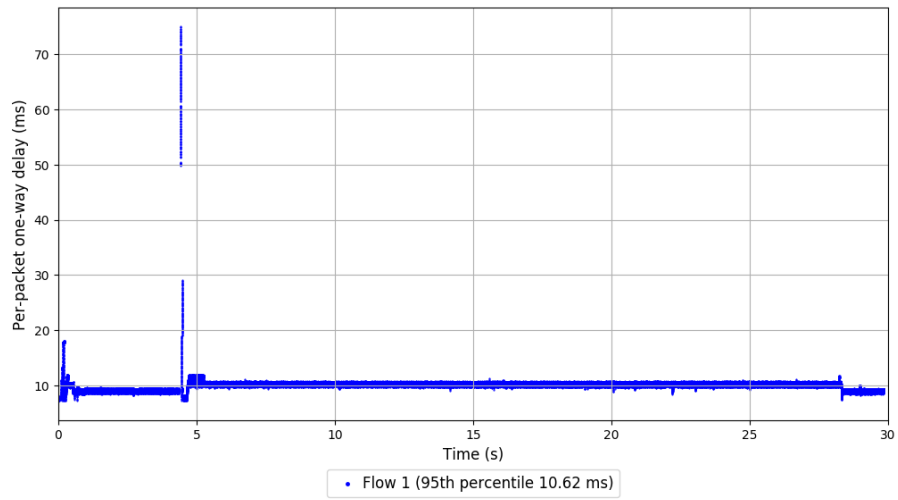
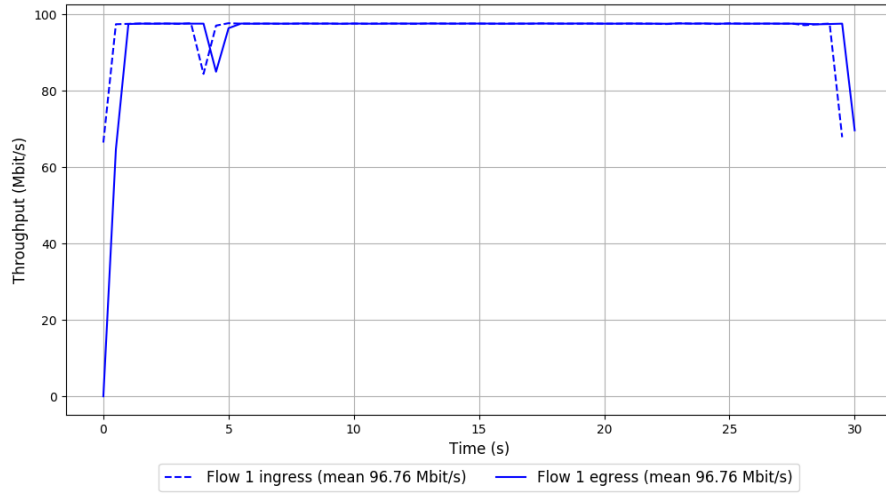
-- Flow 1:

Average throughput: 96.76 Mbit/s

95th percentile per-packet one-way delay: 10.625 ms

Loss rate: 0.00%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2019-04-23 20:29:40
End at: 2019-04-23 20:30:10
Local clock offset: -0.359 ms
Remote clock offset: -3.646 ms

Below is generated by plot.py at 2019-04-23 21:11:50

Datalink statistics

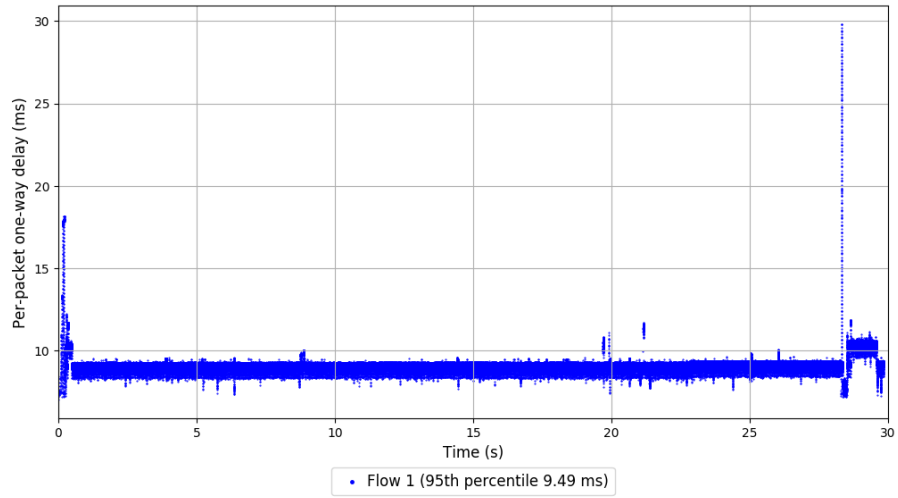
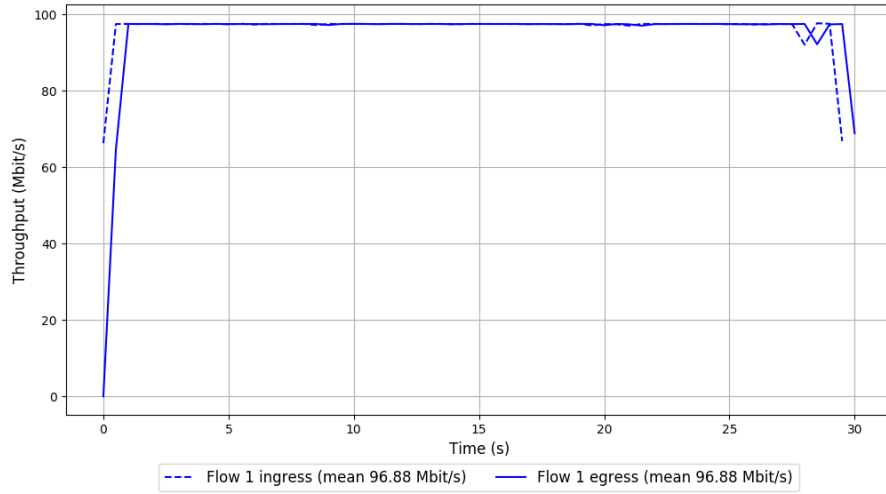
-- Total of 1 flow:

Average throughput: 96.88 Mbit/s
95th percentile per-packet one-way delay: 9.490 ms
Loss rate: 0.00%

-- Flow 1:

Average throughput: 96.88 Mbit/s
95th percentile per-packet one-way delay: 9.490 ms
Loss rate: 0.00%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2019-04-23 20:54:04

End at: 2019-04-23 20:54:34

Local clock offset: 0.358 ms

Remote clock offset: -5.117 ms

Below is generated by plot.py at 2019-04-23 21:11:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.63 Mbit/s

95th percentile per-packet one-way delay: 11.109 ms

Loss rate: 0.00%

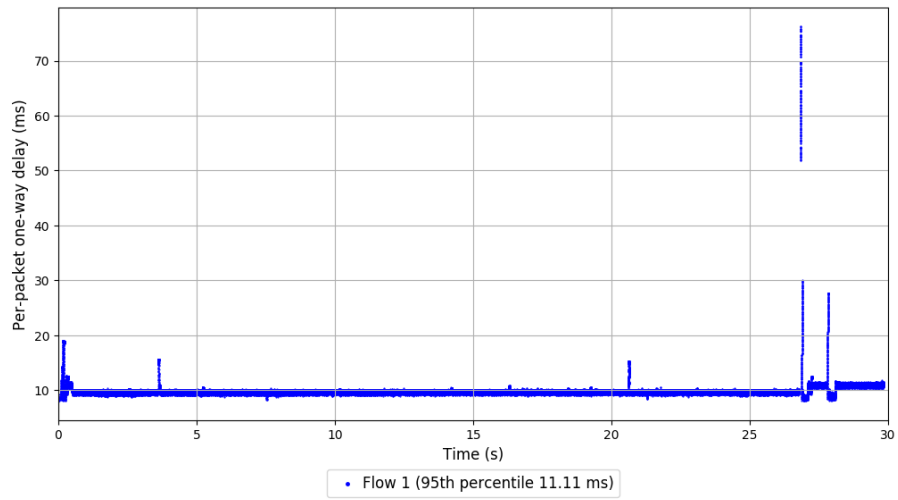
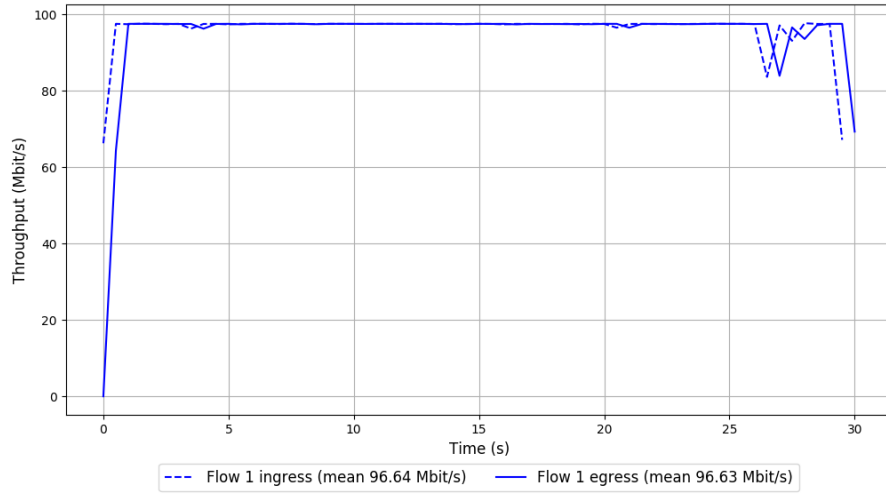
-- Flow 1:

Average throughput: 96.63 Mbit/s

95th percentile per-packet one-way delay: 11.109 ms

Loss rate: 0.00%

Run 5: Report of Indigo — Data Link

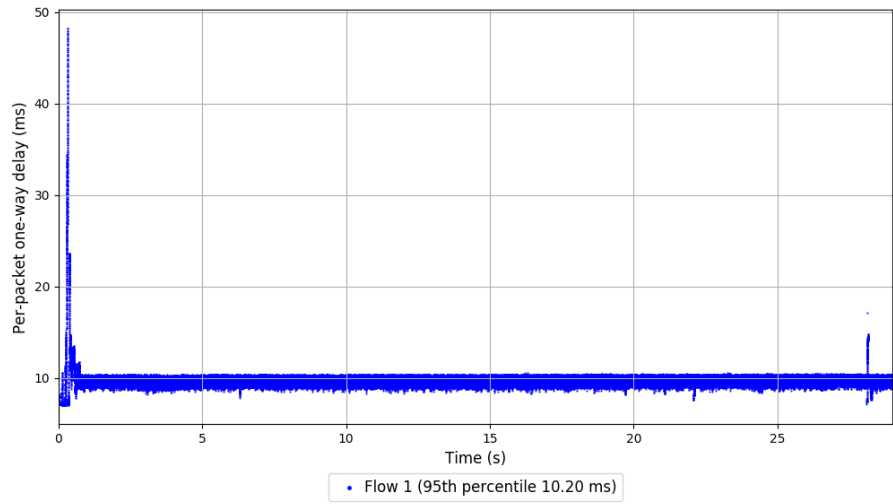
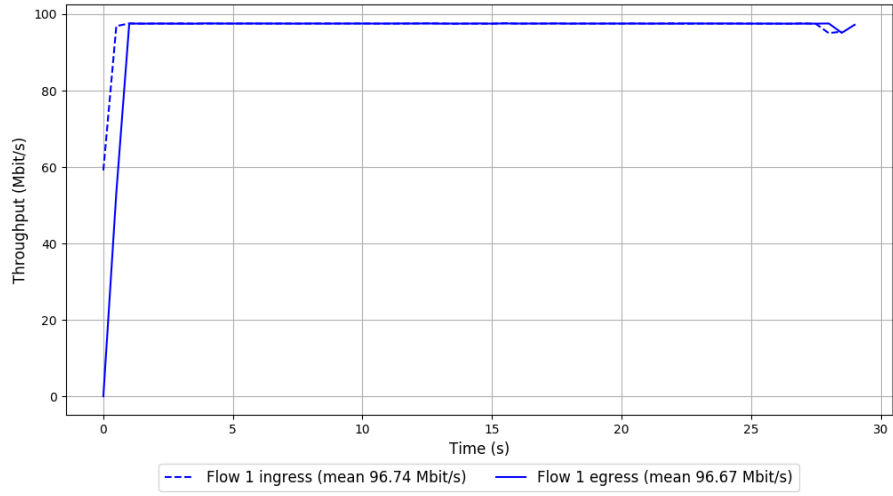


Run 1: Statistics of Indigo-MusesC3

Start at: 2019-04-23 19:18:08
End at: 2019-04-23 19:18:38
Local clock offset: -0.406 ms
Remote clock offset: -3.398 ms

Below is generated by plot.py at 2019-04-23 21:12:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.67 Mbit/s
95th percentile per-packet one-way delay: 10.196 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 96.67 Mbit/s
95th percentile per-packet one-way delay: 10.196 ms
Loss rate: 0.06%

Run 1: Report of Indigo-MusesC3 — Data Link

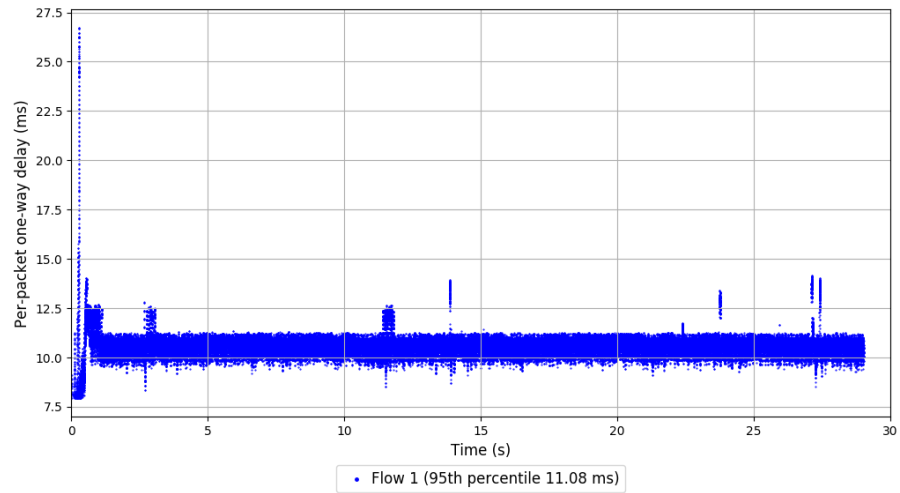
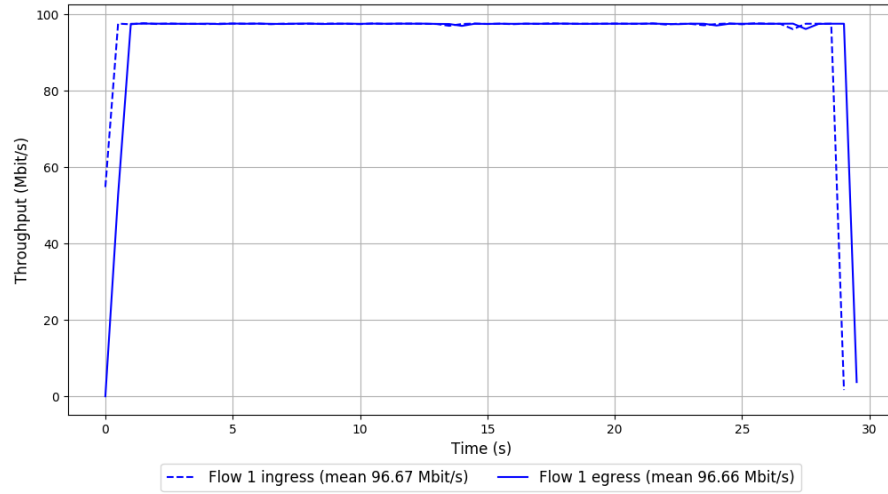


Run 2: Statistics of Indigo-MusesC3

Start at: 2019-04-23 19:42:25
End at: 2019-04-23 19:42:55
Local clock offset: -1.621 ms
Remote clock offset: -4.978 ms

Below is generated by plot.py at 2019-04-23 21:12:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.66 Mbit/s
95th percentile per-packet one-way delay: 11.083 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.66 Mbit/s
95th percentile per-packet one-way delay: 11.083 ms
Loss rate: 0.00%

Run 2: Report of Indigo-MusesC3 — Data Link

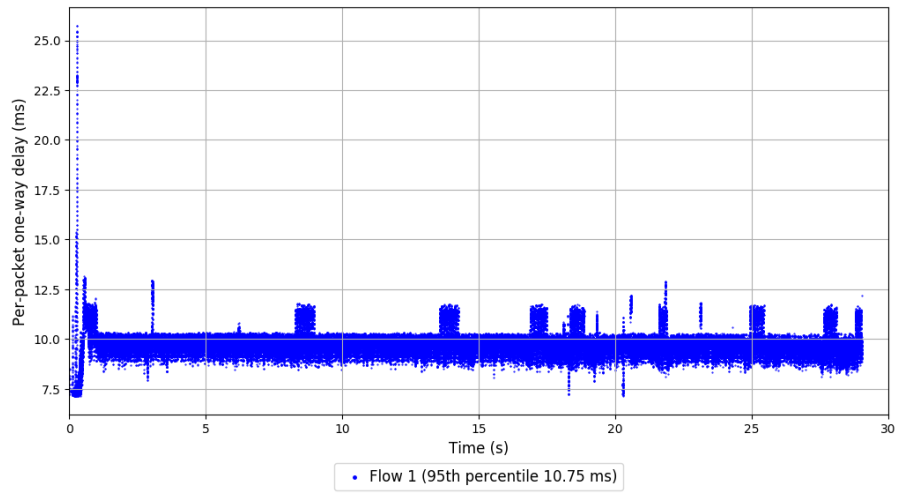
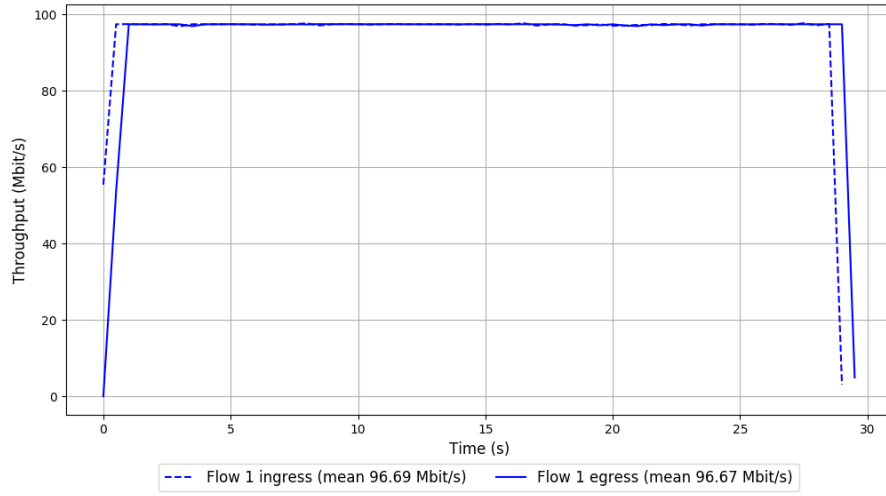


Run 3: Statistics of Indigo-MusesC3

Start at: 2019-04-23 20:06:30
End at: 2019-04-23 20:07:00
Local clock offset: -1.794 ms
Remote clock offset: -4.203 ms

Below is generated by plot.py at 2019-04-23 21:12:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.67 Mbit/s
95th percentile per-packet one-way delay: 10.752 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.67 Mbit/s
95th percentile per-packet one-way delay: 10.752 ms
Loss rate: 0.00%

Run 3: Report of Indigo-MusesC3 — Data Link

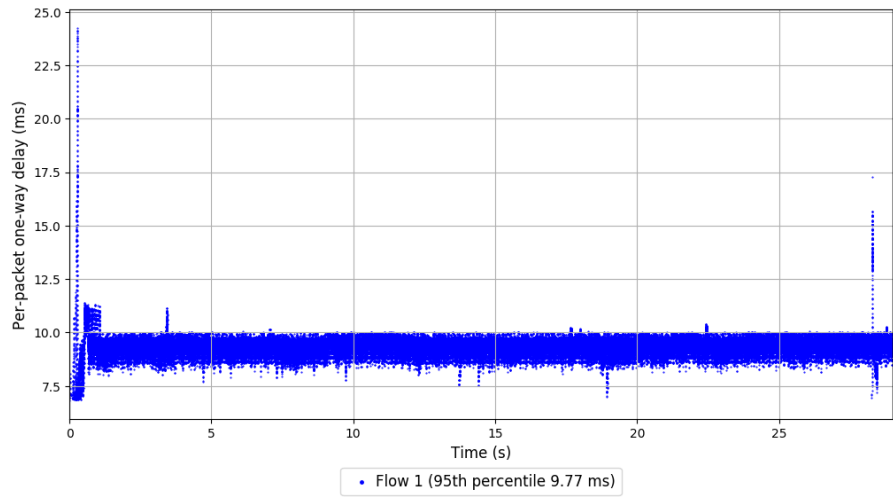
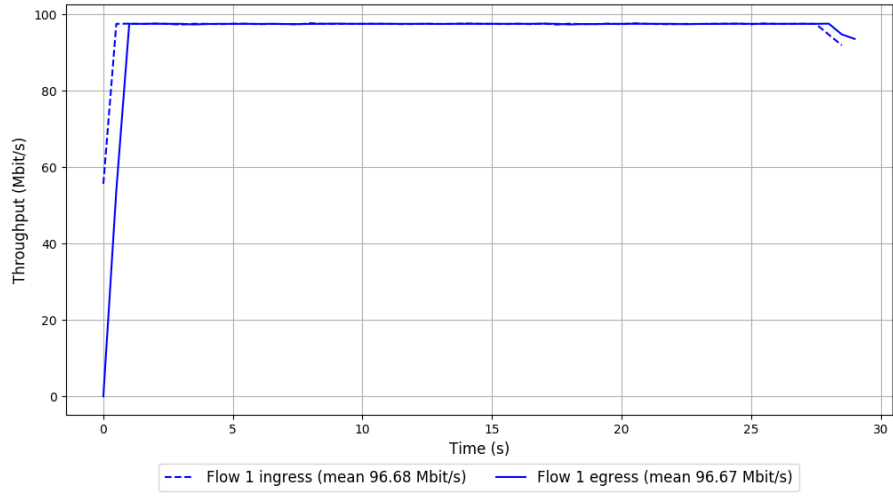


Run 4: Statistics of Indigo-MusesC3

Start at: 2019-04-23 20:30:56
End at: 2019-04-23 20:31:26
Local clock offset: -0.725 ms
Remote clock offset: -4.459 ms

Below is generated by plot.py at 2019-04-23 21:12:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.67 Mbit/s
95th percentile per-packet one-way delay: 9.772 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.67 Mbit/s
95th percentile per-packet one-way delay: 9.772 ms
Loss rate: 0.00%

Run 4: Report of Indigo-MusesC3 — Data Link

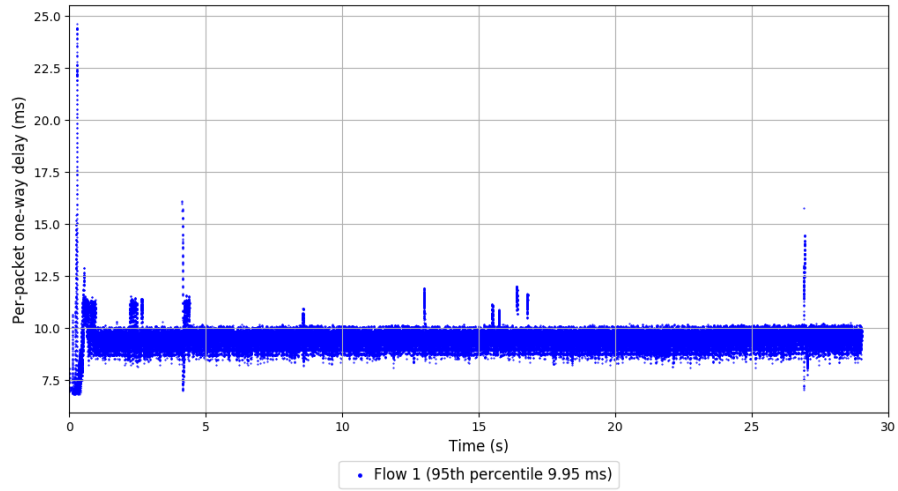
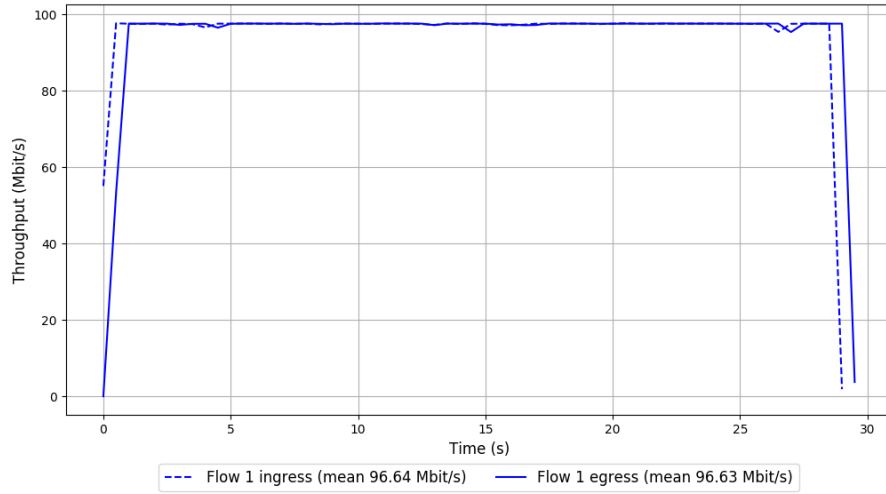


Run 5: Statistics of Indigo-MusesC3

Start at: 2019-04-23 20:55:16
End at: 2019-04-23 20:55:46
Local clock offset: -0.125 ms
Remote clock offset: -7.039 ms

Below is generated by plot.py at 2019-04-23 21:12:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.63 Mbit/s
95th percentile per-packet one-way delay: 9.951 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.63 Mbit/s
95th percentile per-packet one-way delay: 9.951 ms
Loss rate: 0.00%

Run 5: Report of Indigo-MusesC3 — Data Link

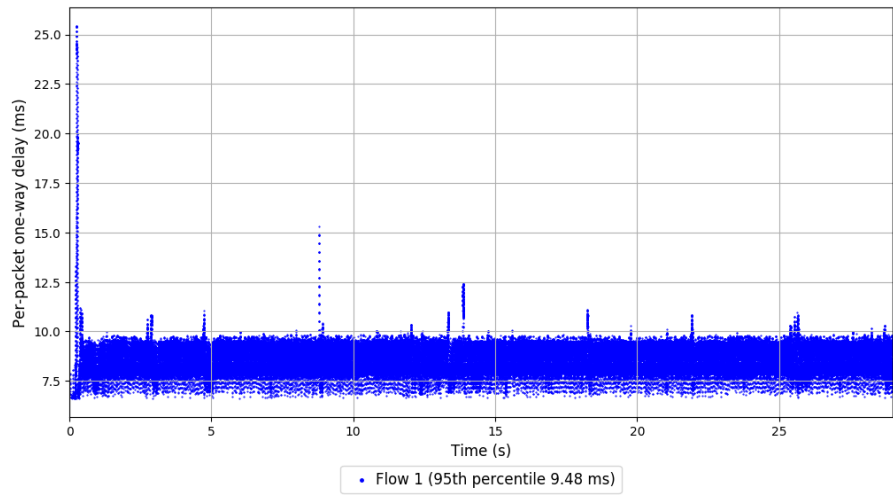
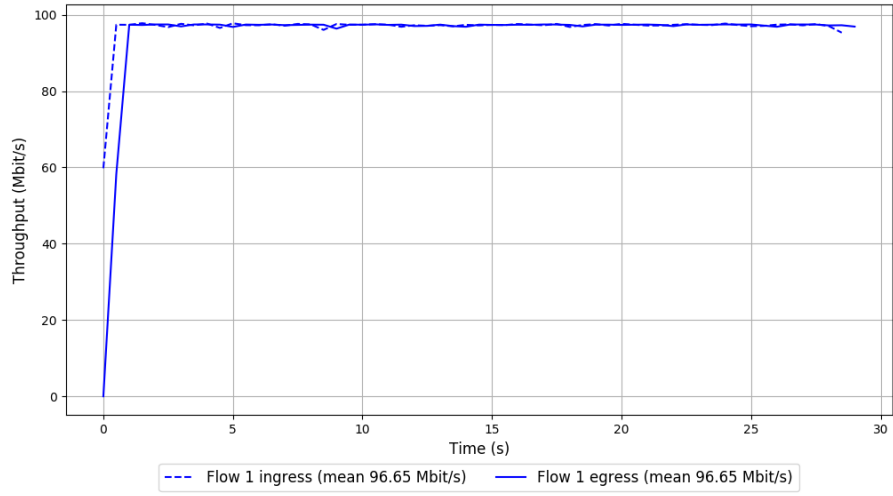


Run 1: Statistics of Indigo-MusesC5

Start at: 2019-04-23 19:21:46
End at: 2019-04-23 19:22:16
Local clock offset: -0.318 ms
Remote clock offset: -4.108 ms

Below is generated by plot.py at 2019-04-23 21:12:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.65 Mbit/s
95th percentile per-packet one-way delay: 9.481 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.65 Mbit/s
95th percentile per-packet one-way delay: 9.481 ms
Loss rate: 0.00%

Run 1: Report of Indigo-MusesC5 — Data Link

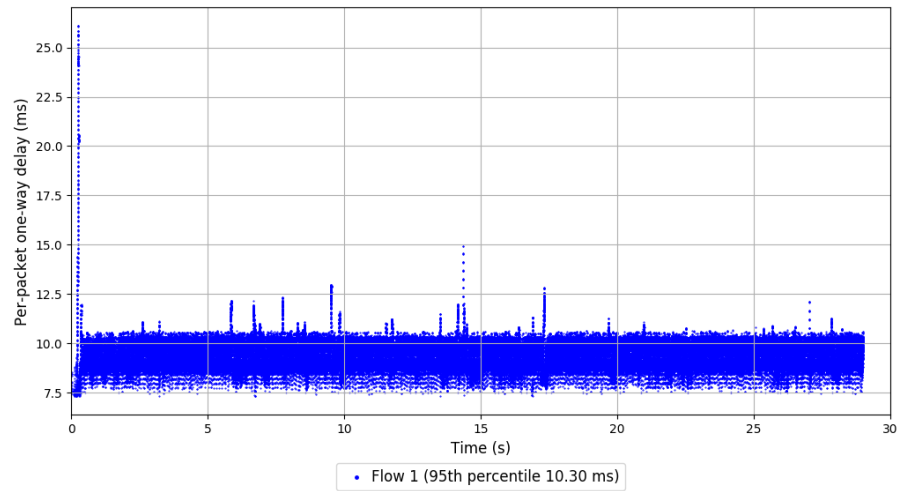
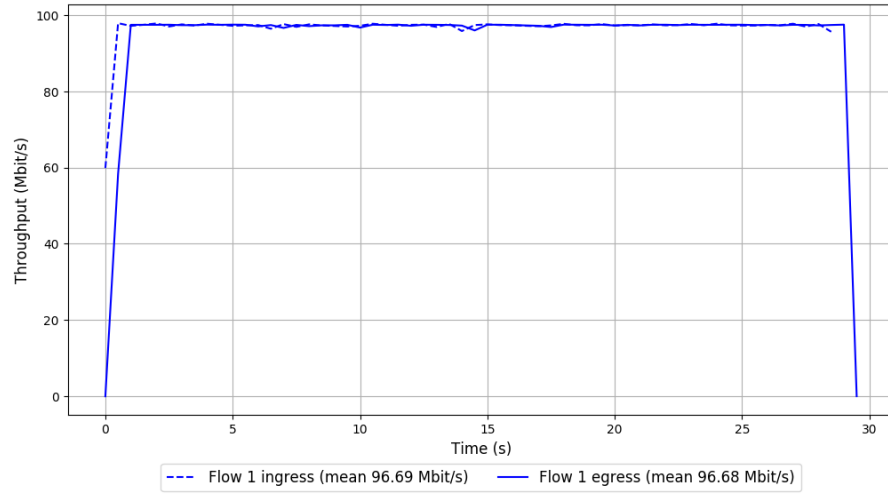


Run 2: Statistics of Indigo-MusesC5

Start at: 2019-04-23 19:45:55
End at: 2019-04-23 19:46:25
Local clock offset: -1.039 ms
Remote clock offset: -5.136 ms

```
# Below is generated by plot.py at 2019-04-23 21:13:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.68 Mbit/s
95th percentile per-packet one-way delay: 10.296 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.68 Mbit/s
95th percentile per-packet one-way delay: 10.296 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo-MusesC5 — Data Link

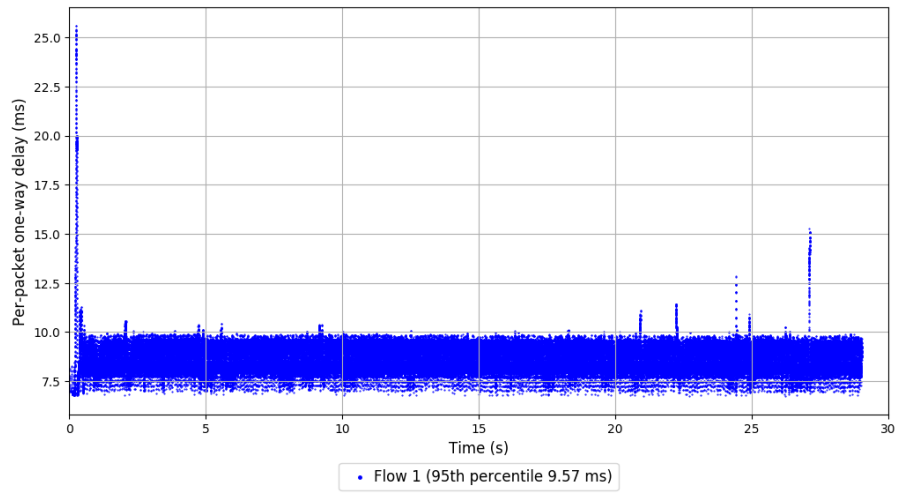
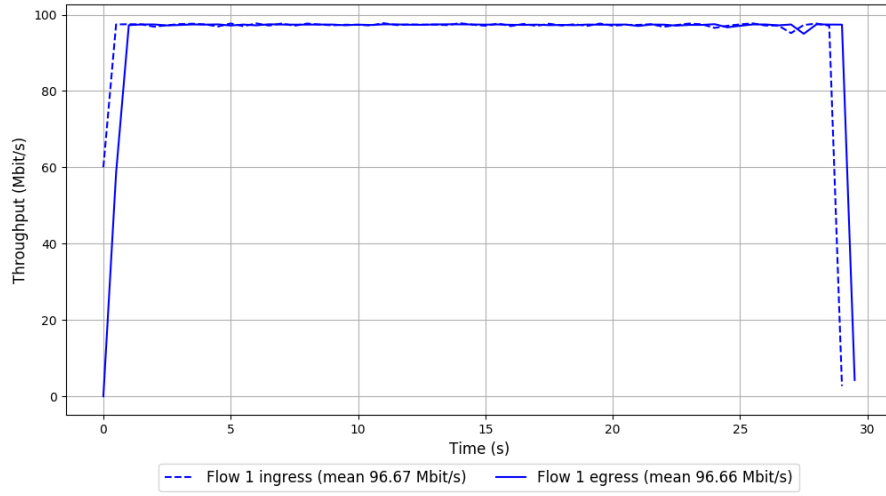


Run 3: Statistics of Indigo-MusesC5

Start at: 2019-04-23 20:10:03
End at: 2019-04-23 20:10:33
Local clock offset: -1.449 ms
Remote clock offset: -3.727 ms

Below is generated by plot.py at 2019-04-23 21:13:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.66 Mbit/s
95th percentile per-packet one-way delay: 9.574 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.66 Mbit/s
95th percentile per-packet one-way delay: 9.574 ms
Loss rate: 0.00%

Run 3: Report of Indigo-MusesC5 — Data Link

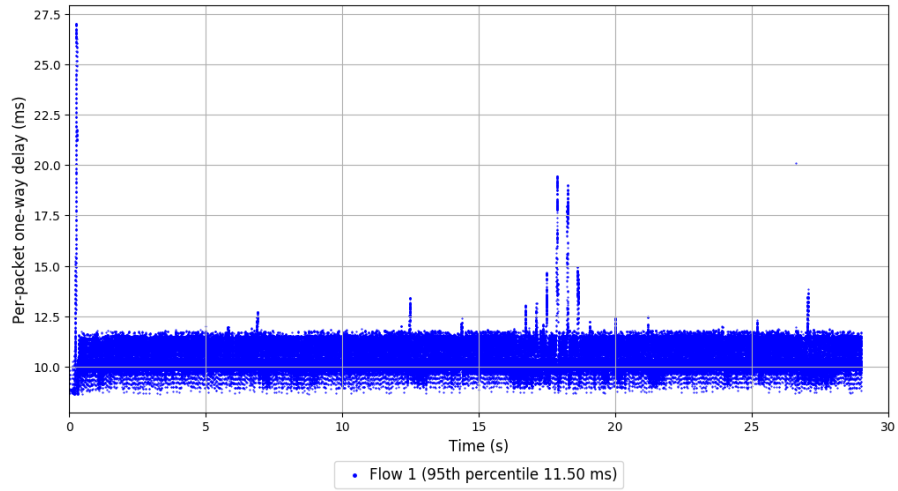
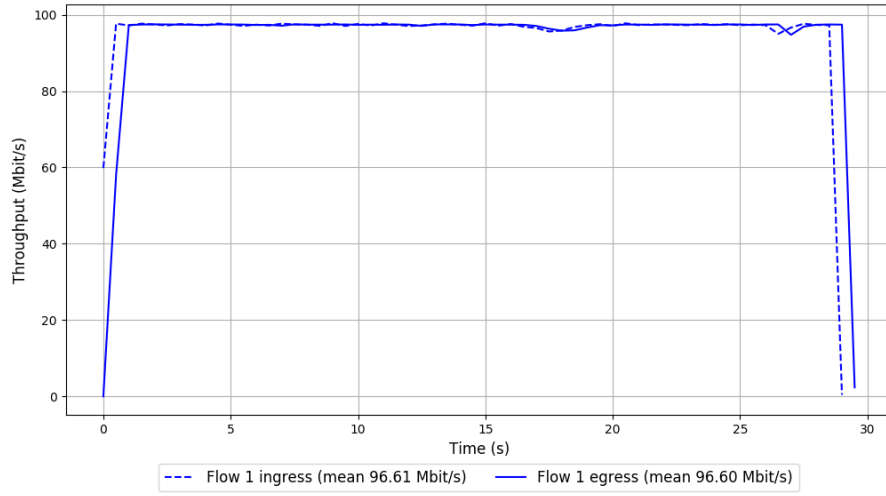


Run 4: Statistics of Indigo-MusesC5

Start at: 2019-04-23 20:34:37
End at: 2019-04-23 20:35:07
Local clock offset: -1.183 ms
Remote clock offset: -3.301 ms

Below is generated by plot.py at 2019-04-23 21:13:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.60 Mbit/s
95th percentile per-packet one-way delay: 11.501 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.60 Mbit/s
95th percentile per-packet one-way delay: 11.501 ms
Loss rate: 0.00%

Run 4: Report of Indigo-MusesC5 — Data Link



Run 5: Statistics of Indigo-MusesC5

Start at: 2019-04-23 20:58:47

End at: 2019-04-23 20:59:17

Local clock offset: 0.561 ms

Remote clock offset: -7.269 ms

Below is generated by plot.py at 2019-04-23 21:13:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.55 Mbit/s

95th percentile per-packet one-way delay: 9.150 ms

Loss rate: 0.00%

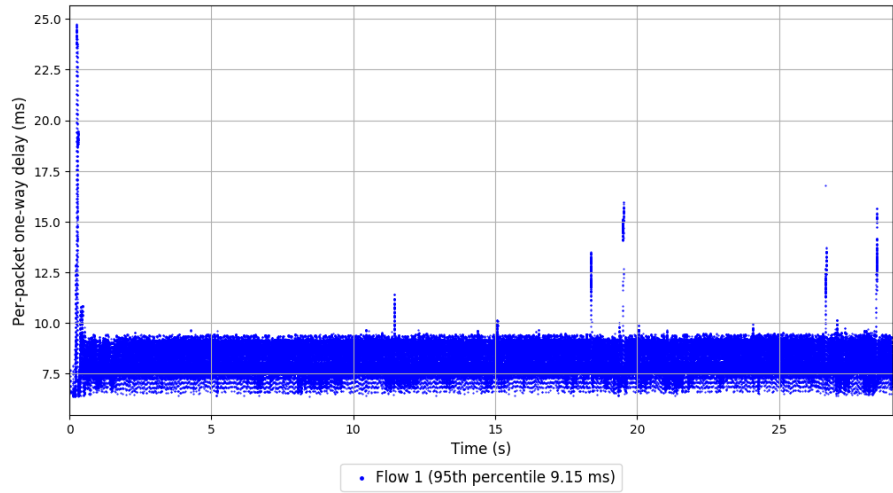
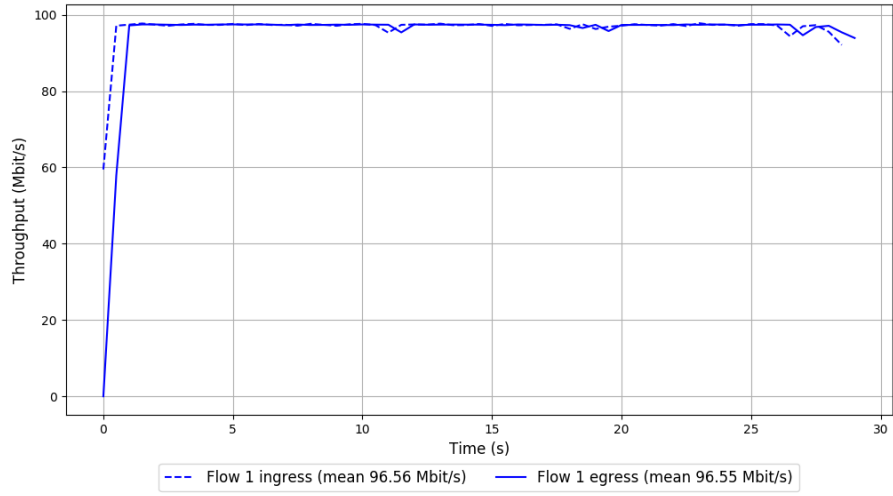
-- Flow 1:

Average throughput: 96.55 Mbit/s

95th percentile per-packet one-way delay: 9.150 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesC5 — Data Link

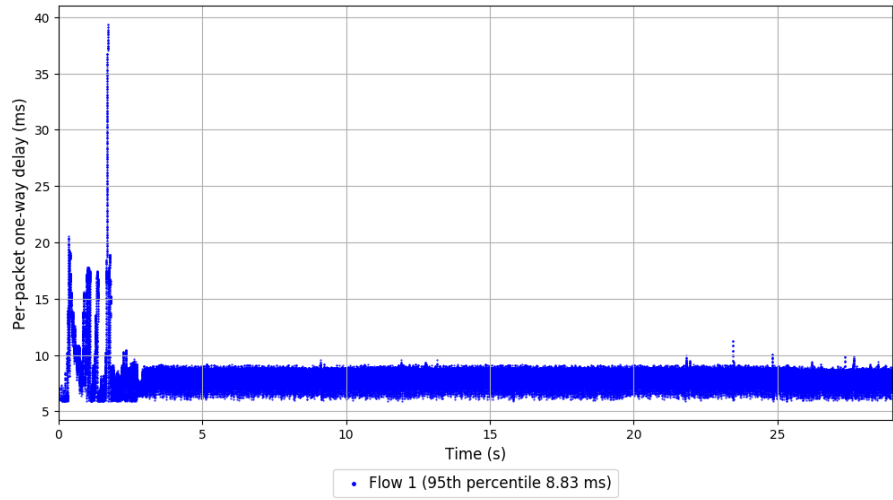
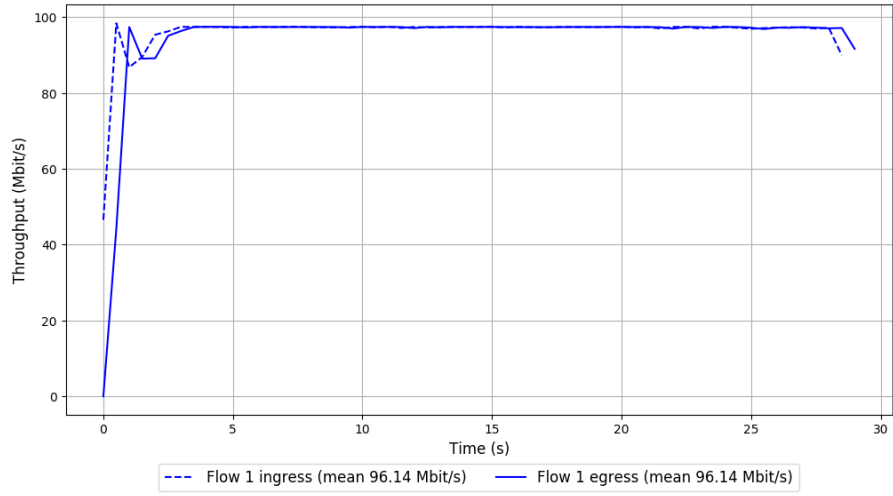


Run 1: Statistics of Indigo-MusesD

Start at: 2019-04-23 19:24:11
End at: 2019-04-23 19:24:41
Local clock offset: -0.426 ms
Remote clock offset: -5.131 ms

Below is generated by plot.py at 2019-04-23 21:13:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.14 Mbit/s
95th percentile per-packet one-way delay: 8.829 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.14 Mbit/s
95th percentile per-packet one-way delay: 8.829 ms
Loss rate: 0.00%

Run 1: Report of Indigo-MusesD — Data Link

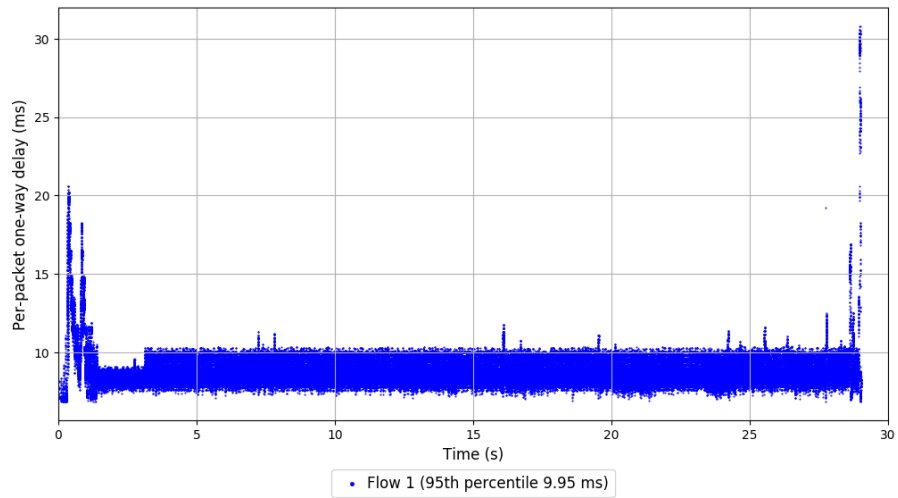
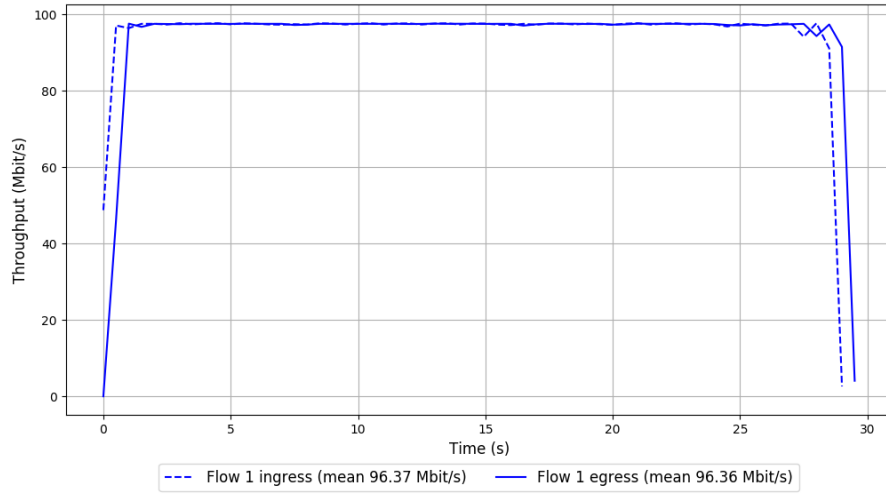


Run 2: Statistics of Indigo-MusesD

Start at: 2019-04-23 19:48:16
End at: 2019-04-23 19:48:46
Local clock offset: -0.768 ms
Remote clock offset: -5.362 ms

Below is generated by plot.py at 2019-04-23 21:13:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.36 Mbit/s
95th percentile per-packet one-way delay: 9.950 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.36 Mbit/s
95th percentile per-packet one-way delay: 9.950 ms
Loss rate: 0.00%

Run 2: Report of Indigo-MusesD — Data Link

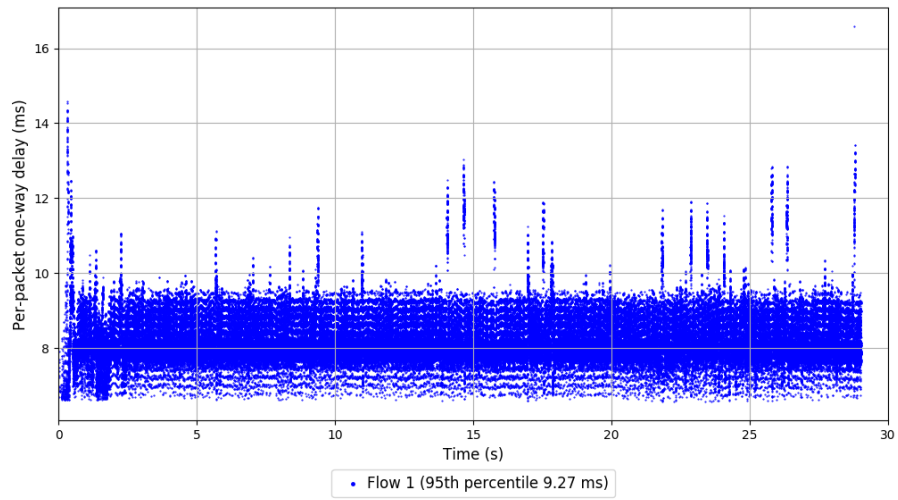
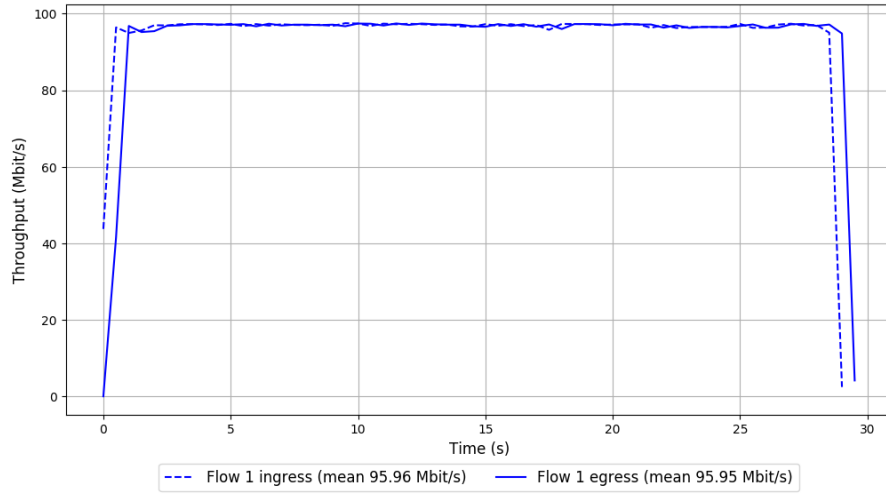


Run 3: Statistics of Indigo-MusesD

Start at: 2019-04-23 20:12:25
End at: 2019-04-23 20:12:55
Local clock offset: -1.094 ms
Remote clock offset: -3.304 ms

Below is generated by plot.py at 2019-04-23 21:14:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.95 Mbit/s
95th percentile per-packet one-way delay: 9.268 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.95 Mbit/s
95th percentile per-packet one-way delay: 9.268 ms
Loss rate: 0.00%

Run 3: Report of Indigo-MusesD — Data Link

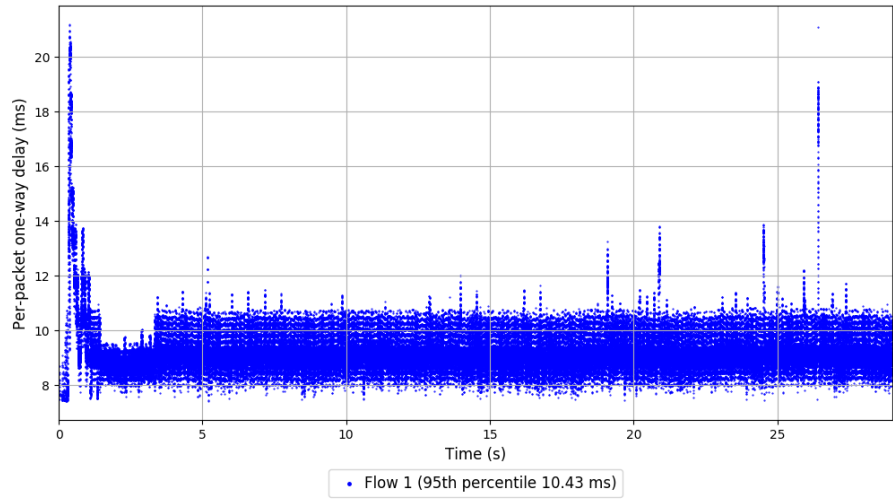
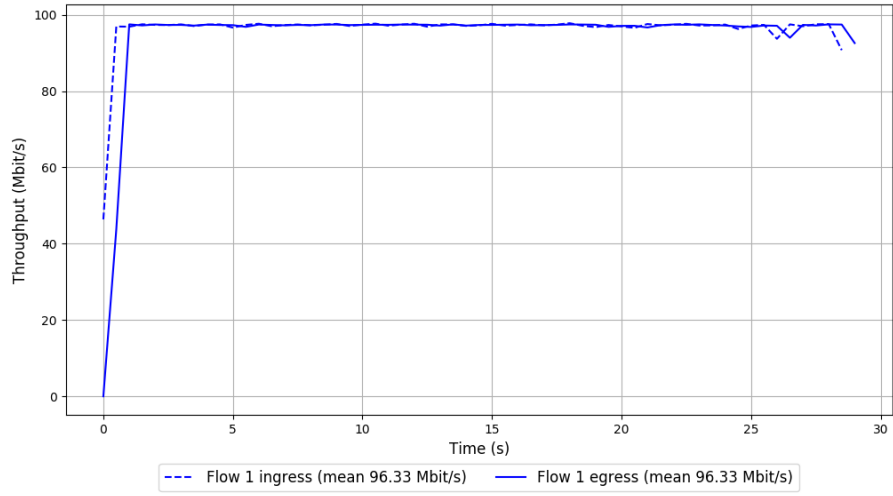


Run 4: Statistics of Indigo-MusesD

Start at: 2019-04-23 20:37:00
End at: 2019-04-23 20:37:30
Local clock offset: -1.353 ms
Remote clock offset: -4.829 ms

Below is generated by plot.py at 2019-04-23 21:14:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.33 Mbit/s
95th percentile per-packet one-way delay: 10.432 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.33 Mbit/s
95th percentile per-packet one-way delay: 10.432 ms
Loss rate: 0.00%

Run 4: Report of Indigo-MusesD — Data Link



Run 5: Statistics of Indigo-MusesD

Start at: 2019-04-23 21:01:08

End at: 2019-04-23 21:01:38

Local clock offset: 0.369 ms

Remote clock offset: -5.902 ms

Below is generated by plot.py at 2019-04-23 21:14:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.38 Mbit/s

95th percentile per-packet one-way delay: 11.120 ms

Loss rate: 0.00%

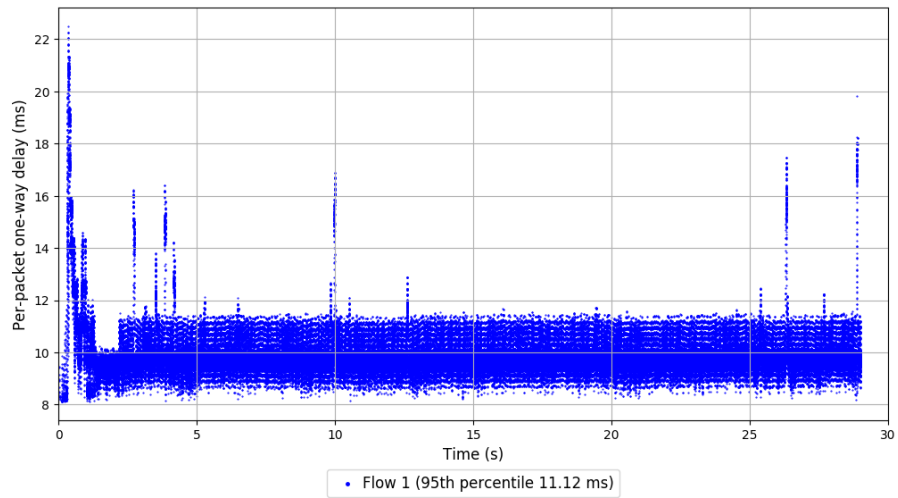
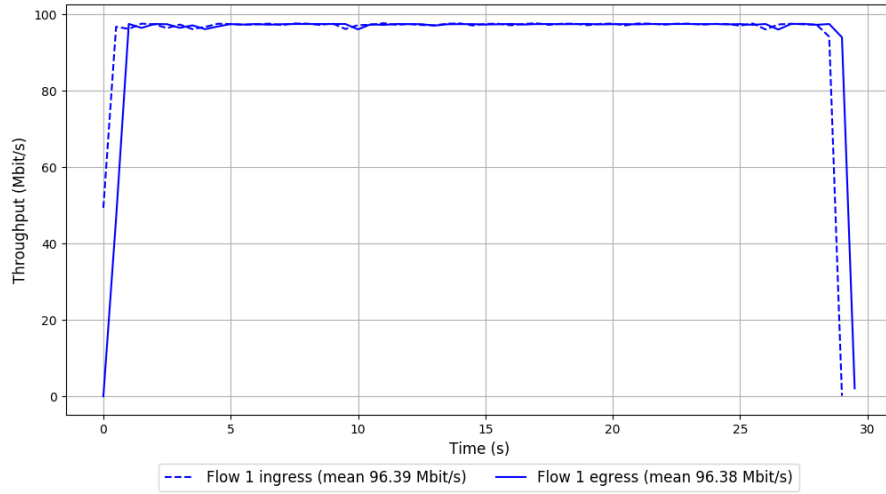
-- Flow 1:

Average throughput: 96.38 Mbit/s

95th percentile per-packet one-way delay: 11.120 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesD — Data Link

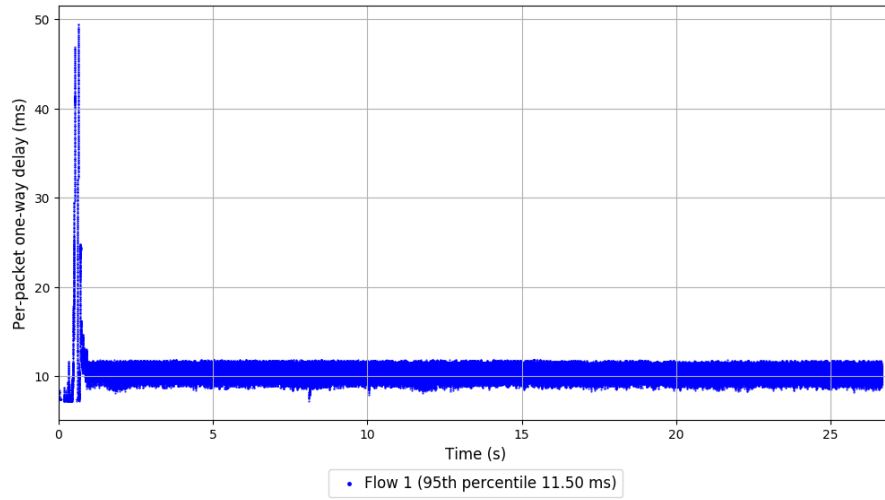
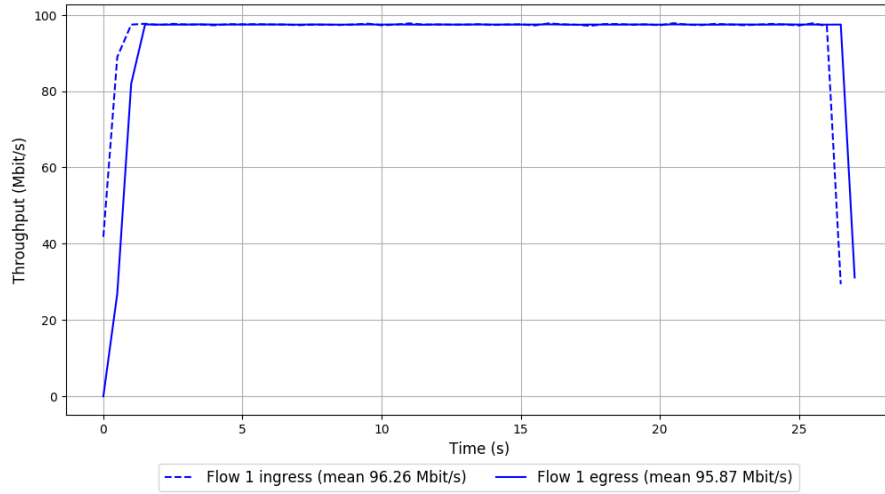


Run 1: Statistics of Indigo-MuseST

Start at: 2019-04-23 19:06:41
End at: 2019-04-23 19:07:11
Local clock offset: -1.332 ms
Remote clock offset: -3.072 ms

Below is generated by plot.py at 2019-04-23 21:14:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.87 Mbit/s
95th percentile per-packet one-way delay: 11.499 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 95.87 Mbit/s
95th percentile per-packet one-way delay: 11.499 ms
Loss rate: 0.39%

Run 1: Report of Indigo-MusesT — Data Link

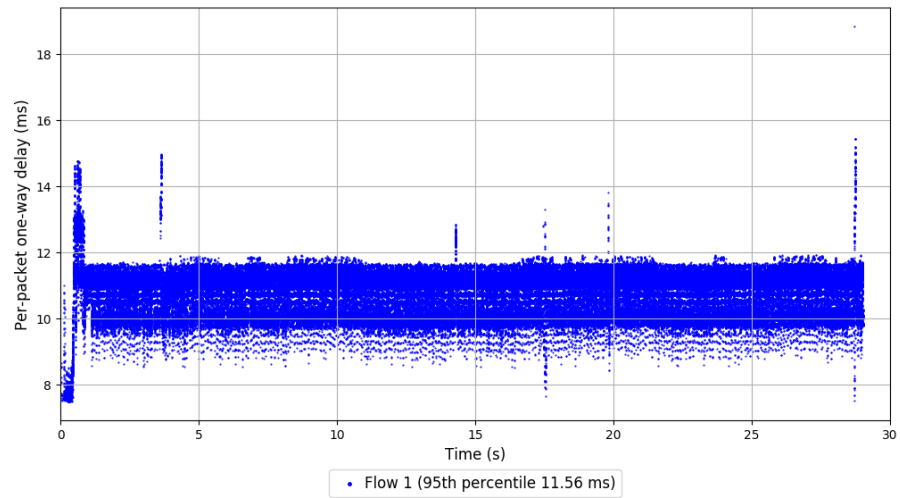
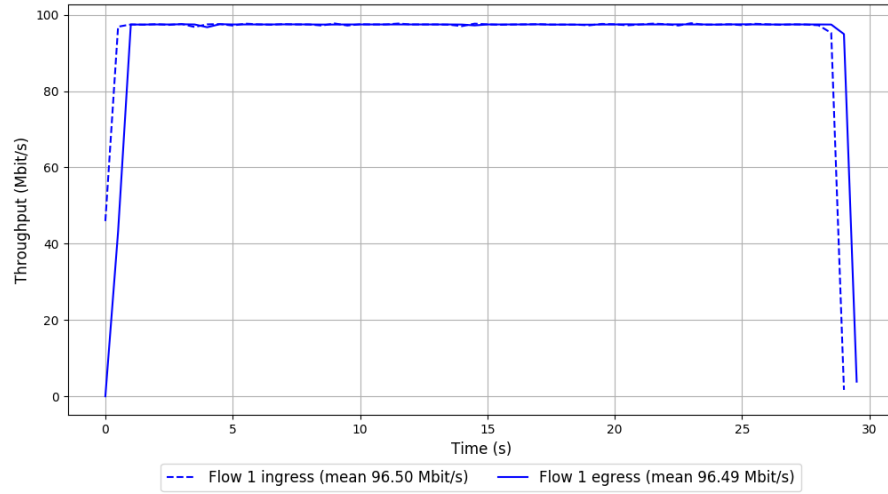


Run 2: Statistics of Indigo-MusesT

Start at: 2019-04-23 19:31:06
End at: 2019-04-23 19:31:36
Local clock offset: -0.913 ms
Remote clock offset: -4.484 ms

Below is generated by plot.py at 2019-04-23 21:14:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.49 Mbit/s
95th percentile per-packet one-way delay: 11.561 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.49 Mbit/s
95th percentile per-packet one-way delay: 11.561 ms
Loss rate: 0.00%

Run 2: Report of Indigo-MusesT — Data Link



Run 3: Statistics of Indigo-MuseST

Start at: 2019-04-23 19:55:04

End at: 2019-04-23 19:55:34

Local clock offset: -1.641 ms

Remote clock offset: -5.544 ms

Below is generated by plot.py at 2019-04-23 21:14:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.13 Mbit/s

95th percentile per-packet one-way delay: 11.393 ms

Loss rate: 0.02%

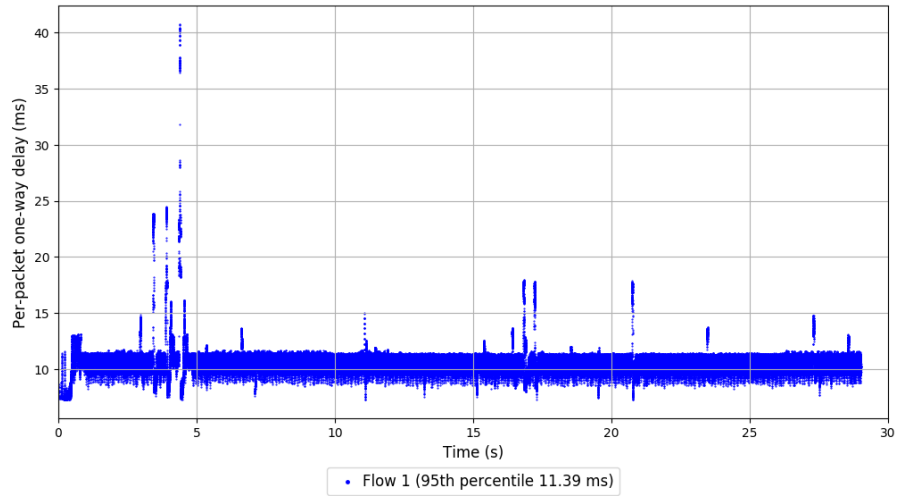
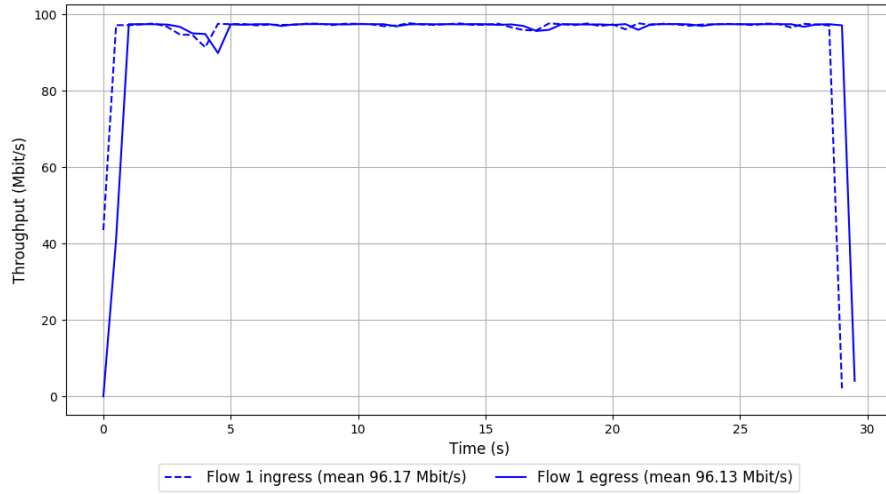
-- Flow 1:

Average throughput: 96.13 Mbit/s

95th percentile per-packet one-way delay: 11.393 ms

Loss rate: 0.02%

Run 3: Report of Indigo-MusesT — Data Link

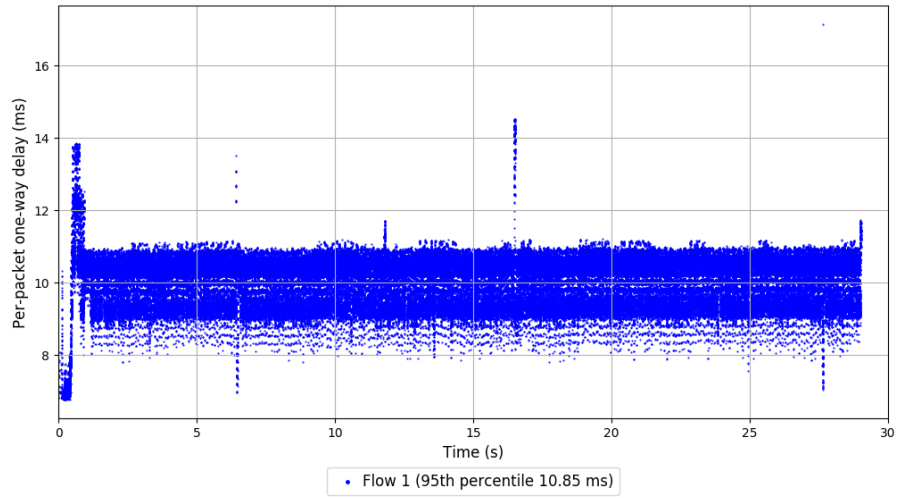
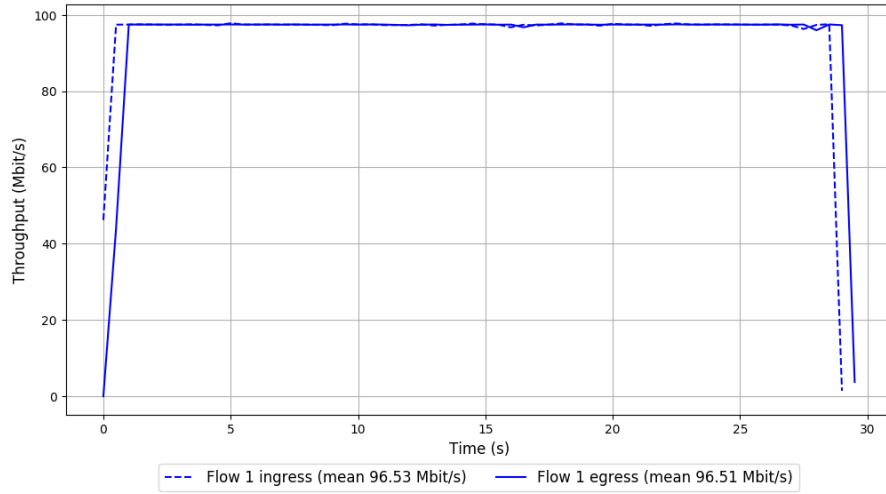


Run 4: Statistics of Indigo-MuseST

Start at: 2019-04-23 20:19:21
End at: 2019-04-23 20:19:51
Local clock offset: -2.007 ms
Remote clock offset: -4.698 ms

Below is generated by plot.py at 2019-04-23 21:14:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.51 Mbit/s
95th percentile per-packet one-way delay: 10.850 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.51 Mbit/s
95th percentile per-packet one-way delay: 10.850 ms
Loss rate: 0.00%

Run 4: Report of Indigo-MusesT — Data Link



Run 5: Statistics of Indigo-MuseST

Start at: 2019-04-23 20:43:52

End at: 2019-04-23 20:44:22

Local clock offset: -0.62 ms

Remote clock offset: -5.207 ms

Below is generated by plot.py at 2019-04-23 21:15:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.49 Mbit/s

95th percentile per-packet one-way delay: 10.820 ms

Loss rate: 0.00%

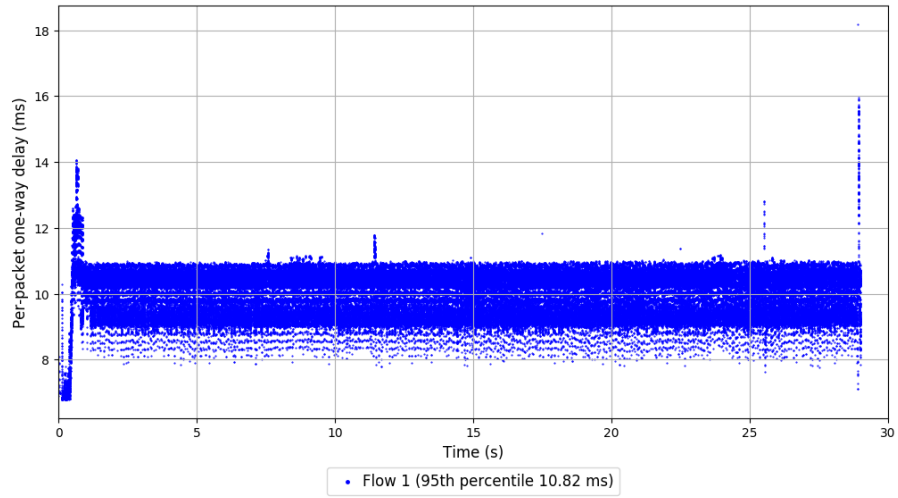
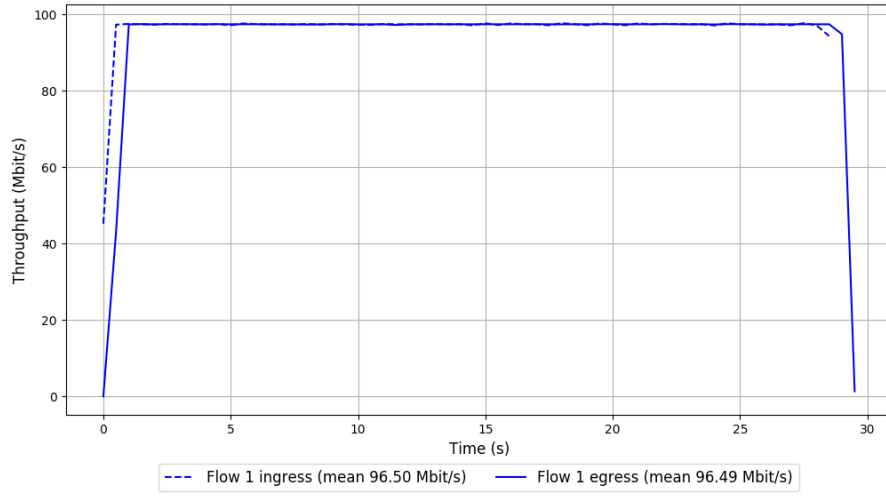
-- Flow 1:

Average throughput: 96.49 Mbit/s

95th percentile per-packet one-way delay: 10.820 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesT — Data Link



Run 1: Statistics of LEDBAT

Start at: 2019-04-23 19:07:53

End at: 2019-04-23 19:08:23

Local clock offset: -0.52 ms

Remote clock offset: -3.318 ms

Below is generated by plot.py at 2019-04-23 21:15:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.82 Mbit/s

95th percentile per-packet one-way delay: 39.468 ms

Loss rate: 0.04%

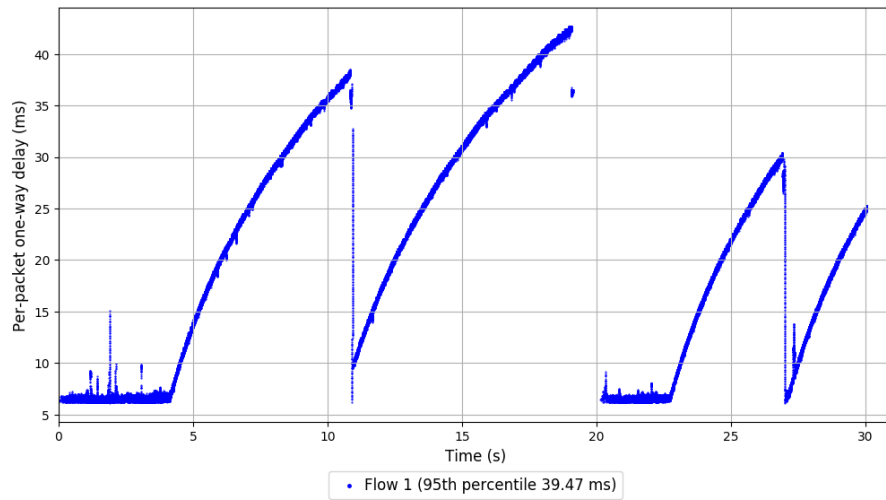
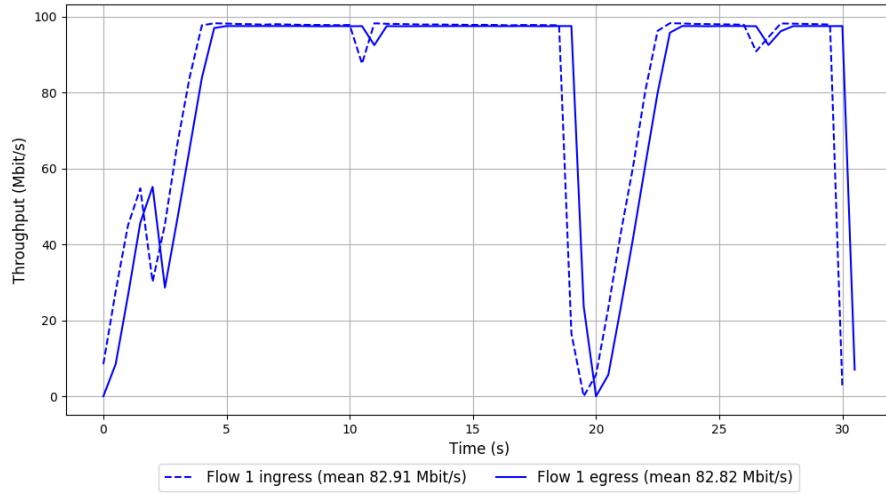
-- Flow 1:

Average throughput: 82.82 Mbit/s

95th percentile per-packet one-way delay: 39.468 ms

Loss rate: 0.04%

Run 1: Report of LEDBAT — Data Link

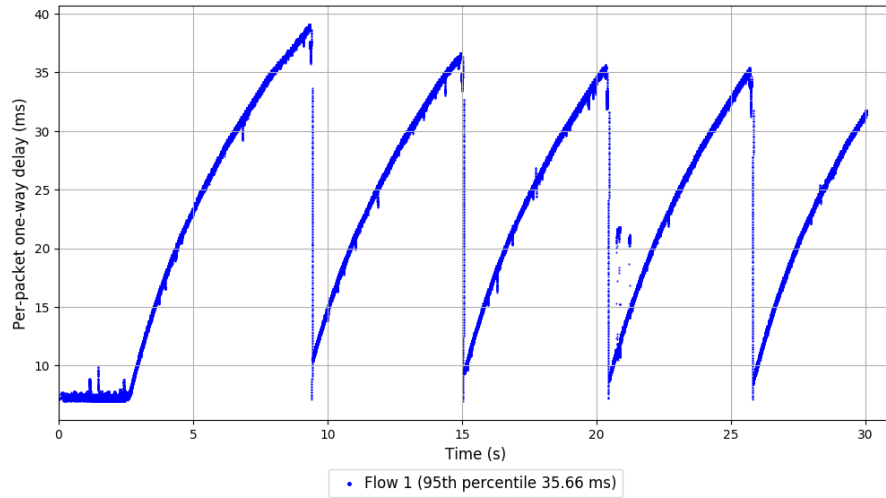
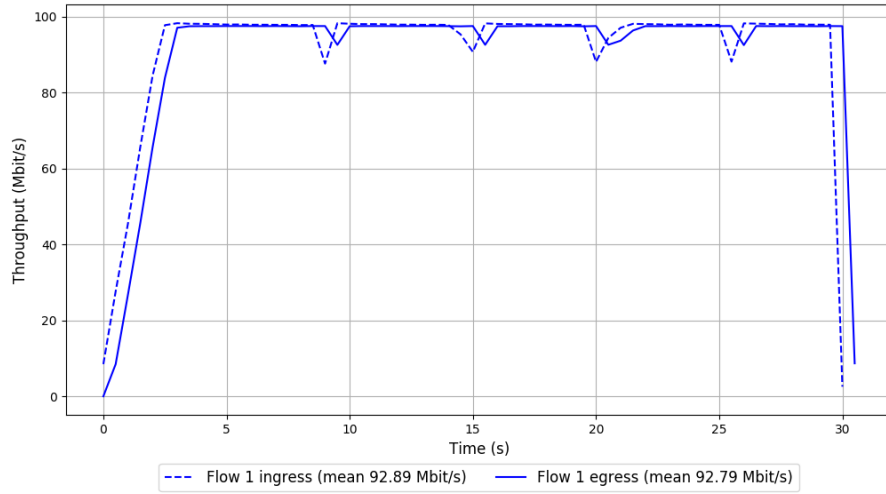


Run 2: Statistics of LEDBAT

Start at: 2019-04-23 19:32:16
End at: 2019-04-23 19:32:46
Local clock offset: -0.533 ms
Remote clock offset: -4.504 ms

Below is generated by plot.py at 2019-04-23 21:15:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.79 Mbit/s
95th percentile per-packet one-way delay: 35.662 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 92.79 Mbit/s
95th percentile per-packet one-way delay: 35.662 ms
Loss rate: 0.02%

Run 2: Report of LEDBAT — Data Link

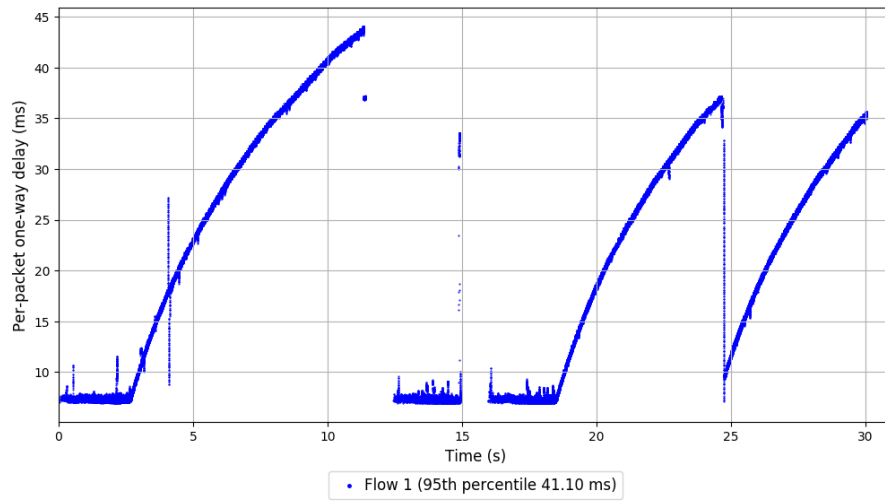
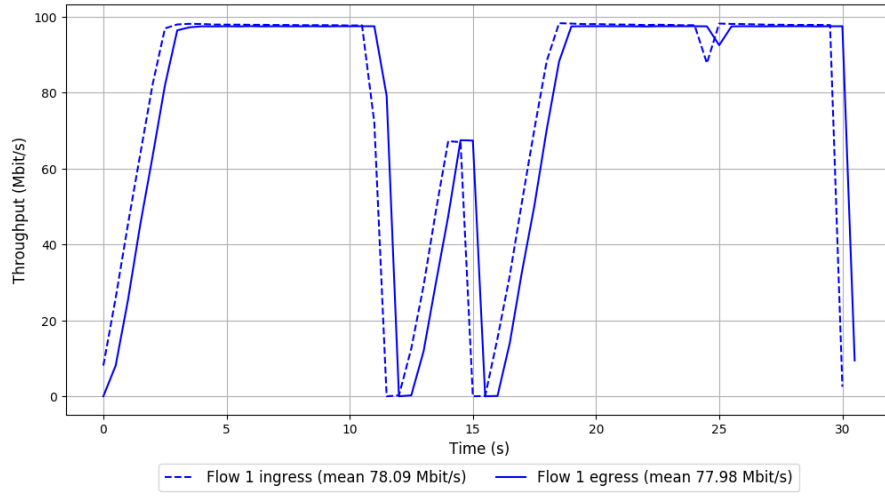


Run 3: Statistics of LEDBAT

Start at: 2019-04-23 19:56:15
End at: 2019-04-23 19:56:45
Local clock offset: -1.136 ms
Remote clock offset: -5.217 ms

```
# Below is generated by plot.py at 2019-04-23 21:15:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.98 Mbit/s
95th percentile per-packet one-way delay: 41.105 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 77.98 Mbit/s
95th percentile per-packet one-way delay: 41.105 ms
Loss rate: 0.05%
```

Run 3: Report of LEDBAT — Data Link

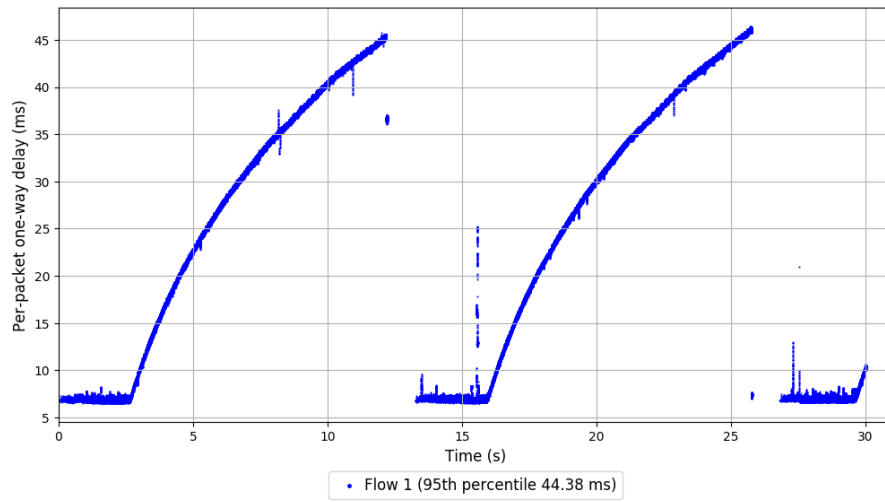
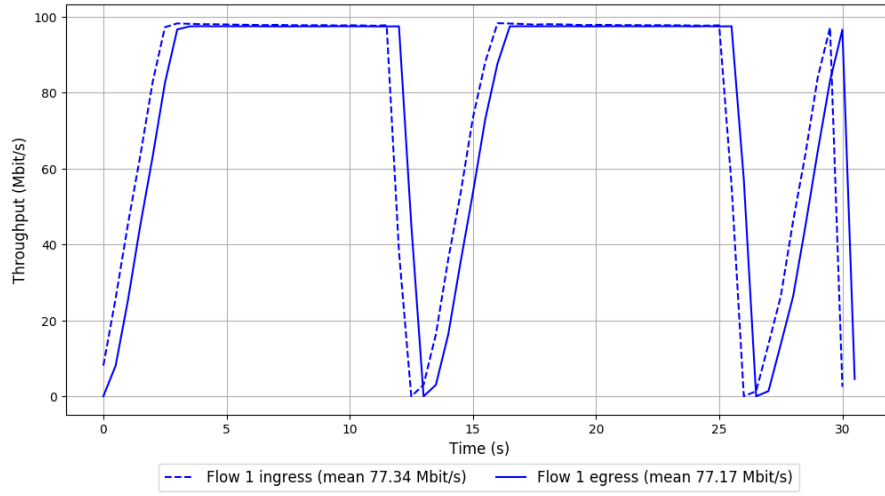


Run 4: Statistics of LEDBAT

Start at: 2019-04-23 20:20:33
End at: 2019-04-23 20:21:03
Local clock offset: -1.028 ms
Remote clock offset: -4.126 ms

Below is generated by plot.py at 2019-04-23 21:15:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.17 Mbit/s
95th percentile per-packet one-way delay: 44.375 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 77.17 Mbit/s
95th percentile per-packet one-way delay: 44.375 ms
Loss rate: 0.20%

Run 4: Report of LEDBAT — Data Link

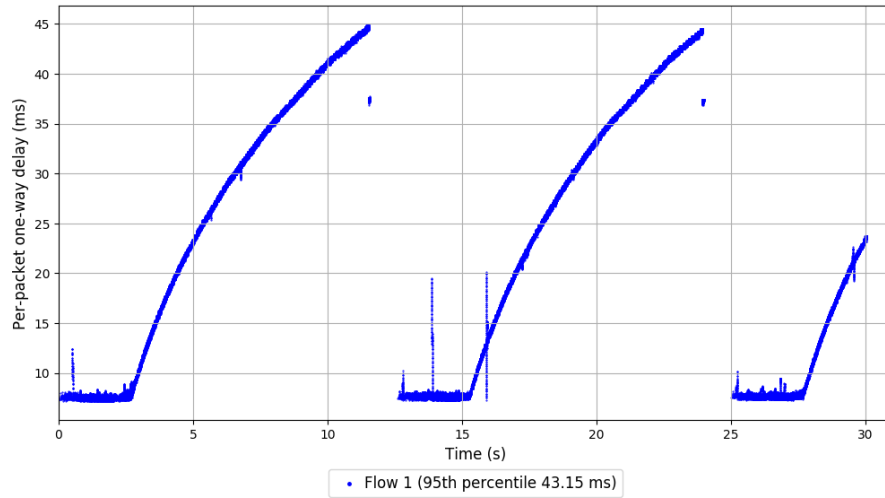
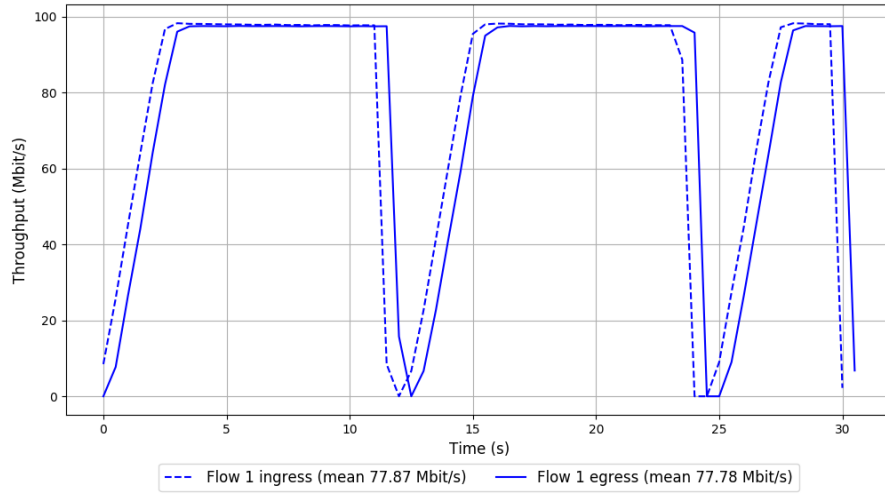


Run 5: Statistics of LEDBAT

Start at: 2019-04-23 20:45:02
End at: 2019-04-23 20:45:32
Local clock offset: -0.831 ms
Remote clock offset: -5.224 ms

Below is generated by plot.py at 2019-04-23 21:15:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.78 Mbit/s
95th percentile per-packet one-way delay: 43.148 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 77.78 Mbit/s
95th percentile per-packet one-way delay: 43.148 ms
Loss rate: 0.06%

Run 5: Report of LEDBAT — Data Link



Run 1: Statistics of PCC-Allegro

Start at: 2019-04-23 19:12:24

End at: 2019-04-23 19:12:54

Local clock offset: -0.414 ms

Remote clock offset: -1.946 ms

Below is generated by plot.py at 2019-04-23 21:16:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.23 Mbit/s

95th percentile per-packet one-way delay: 10.614 ms

Loss rate: 0.27%

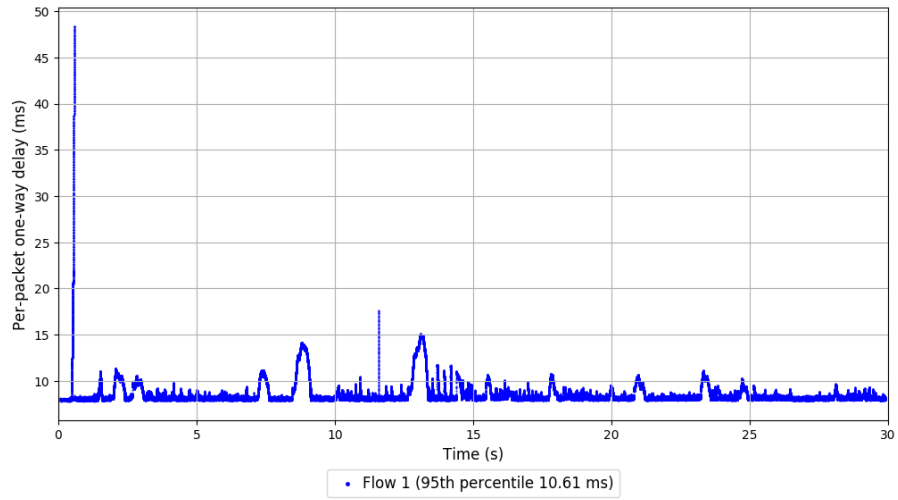
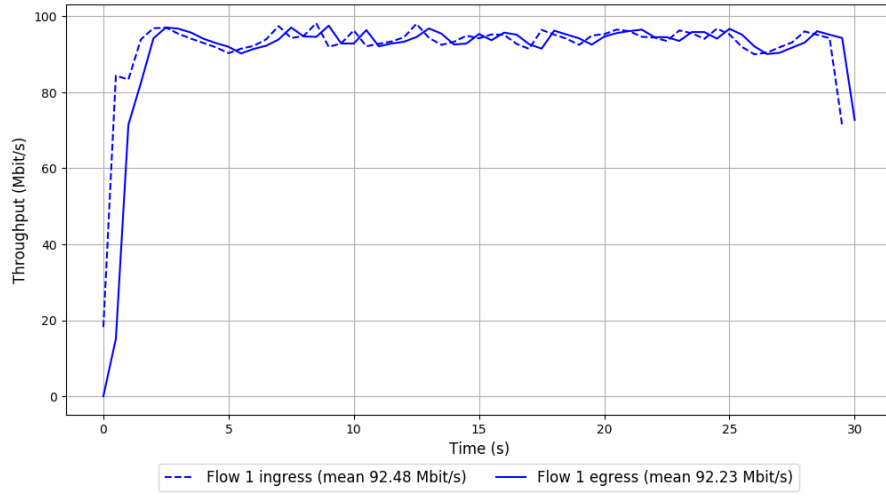
-- Flow 1:

Average throughput: 92.23 Mbit/s

95th percentile per-packet one-way delay: 10.614 ms

Loss rate: 0.27%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2019-04-23 19:36:47

End at: 2019-04-23 19:37:17

Local clock offset: -1.063 ms

Remote clock offset: -5.24 ms

Below is generated by plot.py at 2019-04-23 21:16:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.09 Mbit/s

95th percentile per-packet one-way delay: 10.129 ms

Loss rate: 0.28%

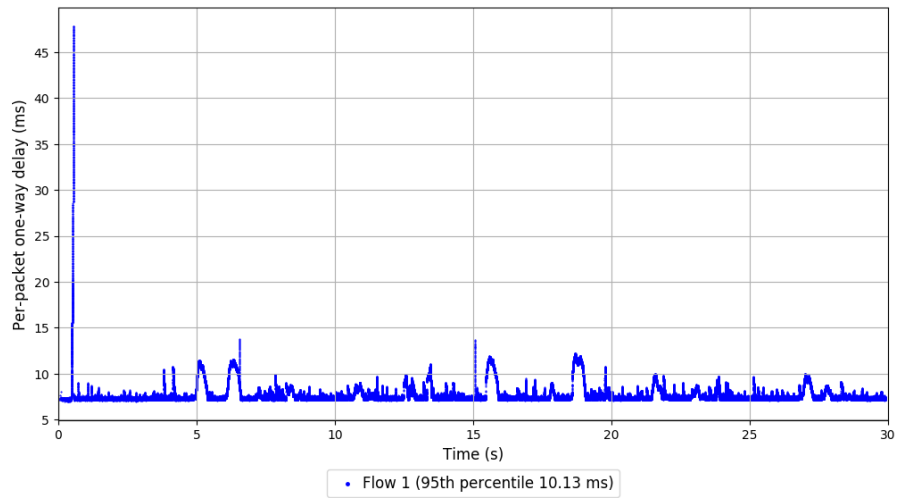
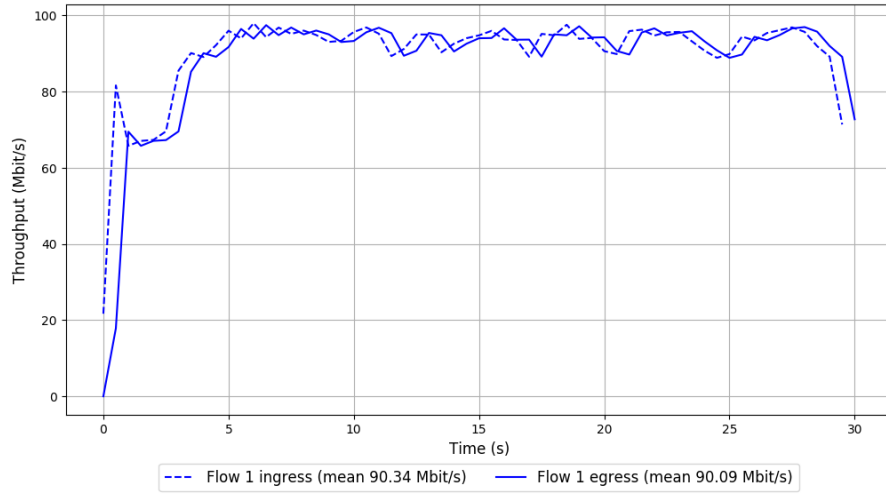
-- Flow 1:

Average throughput: 90.09 Mbit/s

95th percentile per-packet one-way delay: 10.129 ms

Loss rate: 0.28%

Run 2: Report of PCC-Allegro — Data Link

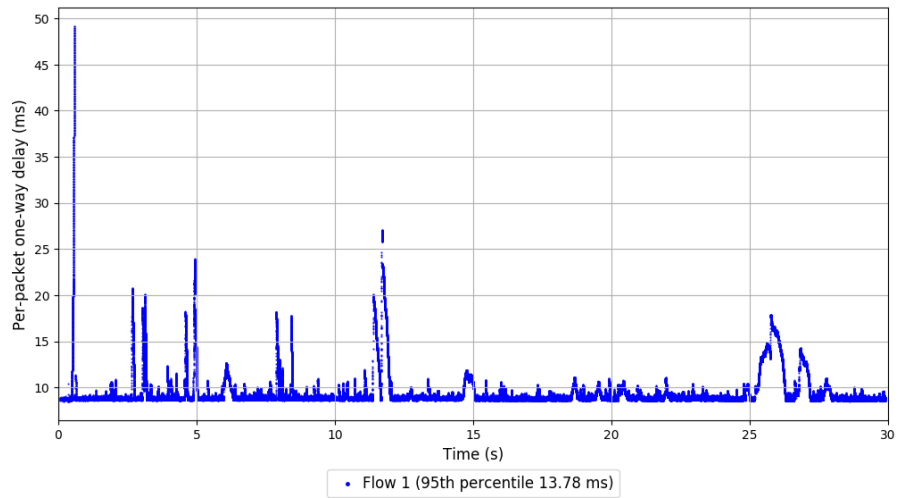
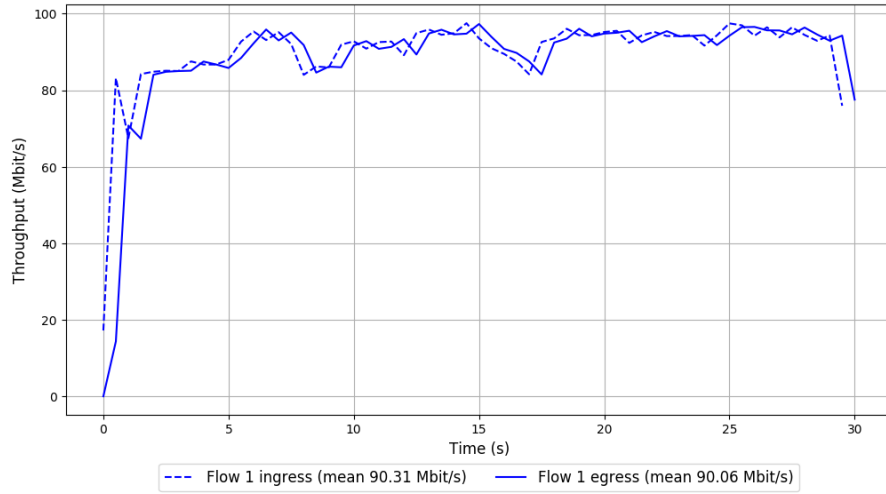


Run 3: Statistics of PCC-Allegro

Start at: 2019-04-23 20:00:47
End at: 2019-04-23 20:01:17
Local clock offset: -2.412 ms
Remote clock offset: -4.187 ms

Below is generated by plot.py at 2019-04-23 21:16:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.06 Mbit/s
95th percentile per-packet one-way delay: 13.777 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 90.06 Mbit/s
95th percentile per-packet one-way delay: 13.777 ms
Loss rate: 0.28%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2019-04-23 20:25:06

End at: 2019-04-23 20:25:36

Local clock offset: -1.324 ms

Remote clock offset: -4.352 ms

Below is generated by plot.py at 2019-04-23 21:16:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.39 Mbit/s

95th percentile per-packet one-way delay: 9.022 ms

Loss rate: 0.27%

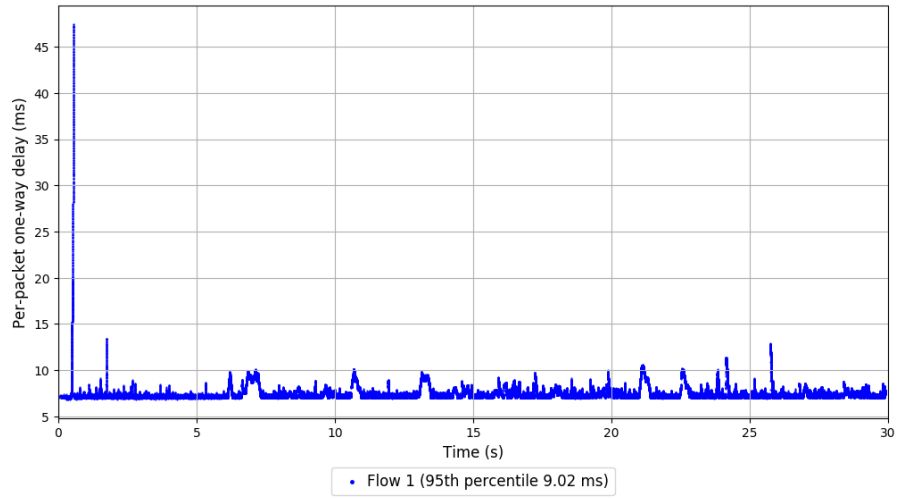
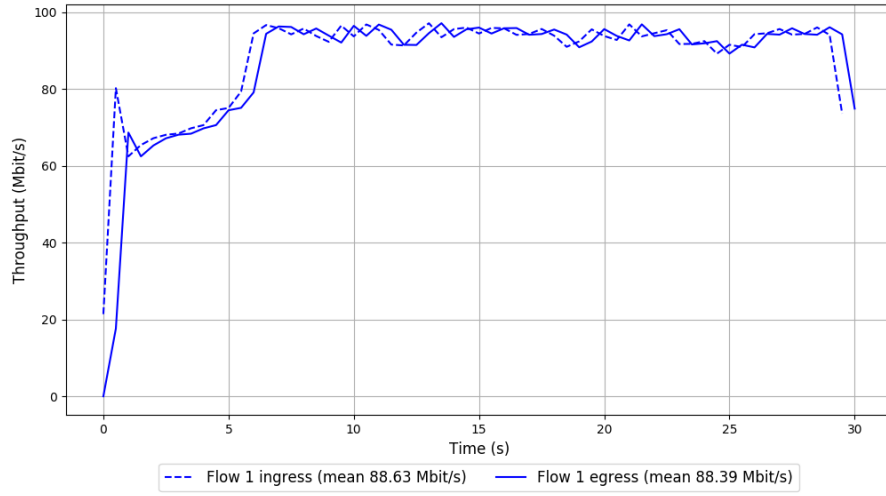
-- Flow 1:

Average throughput: 88.39 Mbit/s

95th percentile per-packet one-way delay: 9.022 ms

Loss rate: 0.27%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2019-04-23 20:49:35

End at: 2019-04-23 20:50:05

Local clock offset: 0.738 ms

Remote clock offset: -5.372 ms

Below is generated by plot.py at 2019-04-23 21:16:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.16 Mbit/s

95th percentile per-packet one-way delay: 9.440 ms

Loss rate: 0.26%

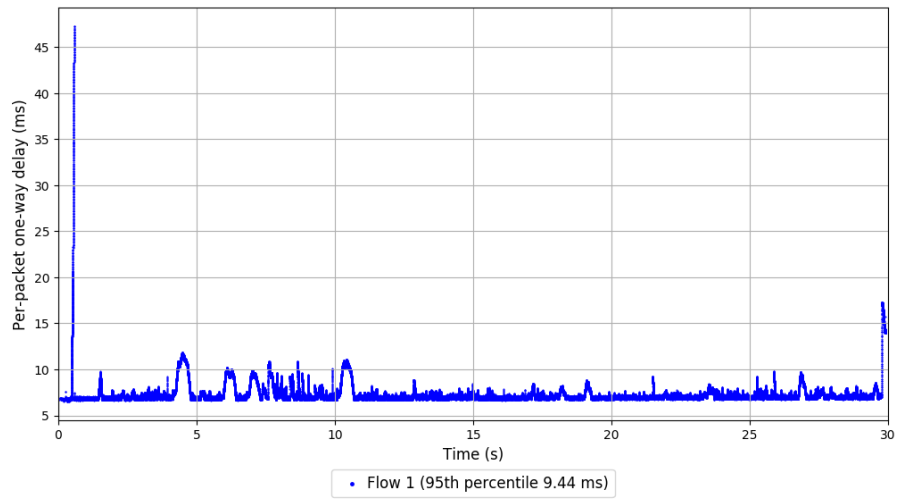
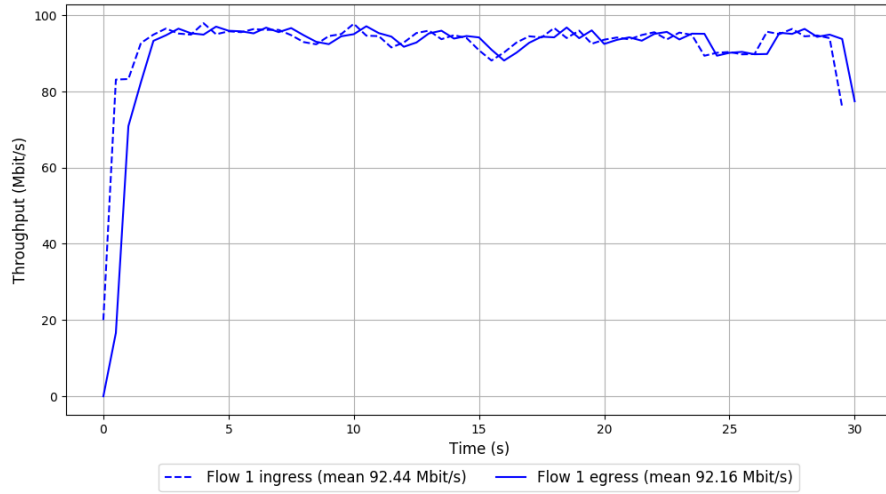
-- Flow 1:

Average throughput: 92.16 Mbit/s

95th percentile per-packet one-way delay: 9.440 ms

Loss rate: 0.26%

Run 5: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

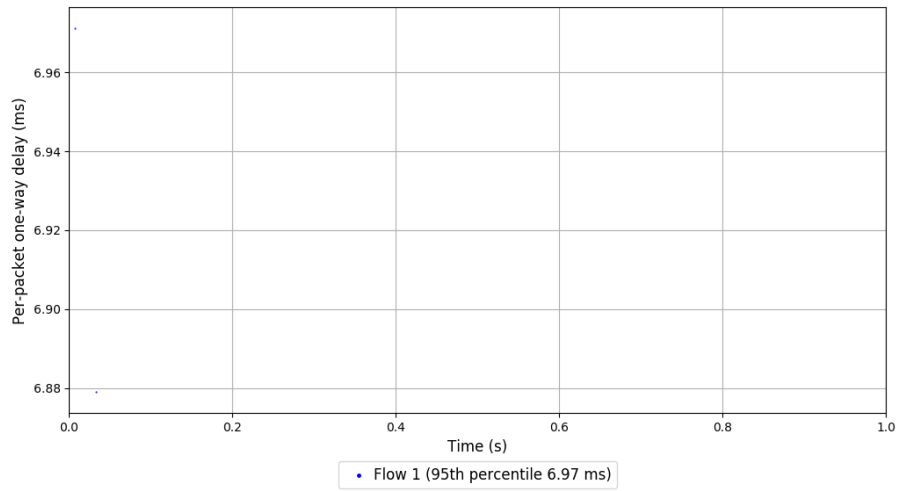
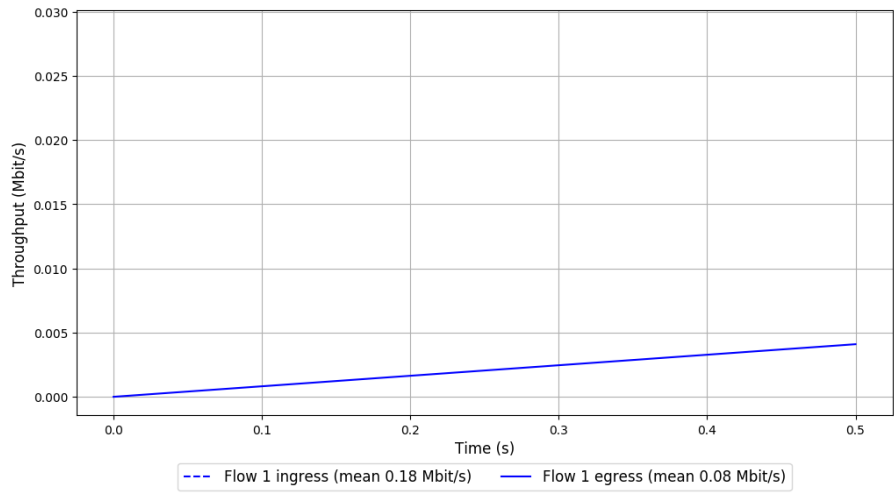
Start at: 2019-04-23 19:27:40

End at: 2019-04-23 19:28:10

Local clock offset: -0.724 ms

Remote clock offset: -4.595 ms

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

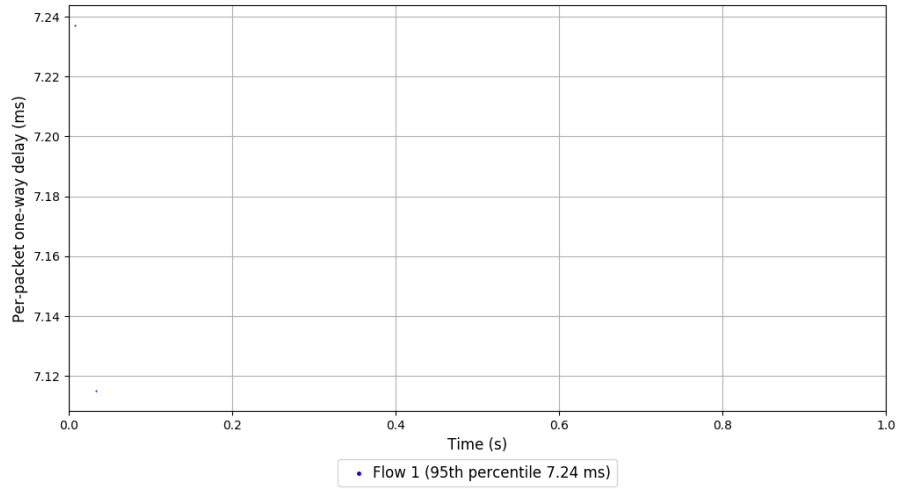
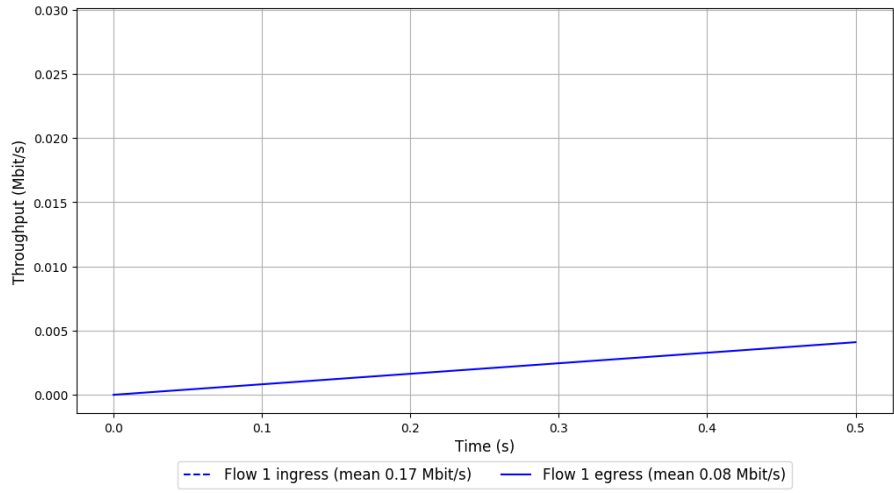
Start at: 2019-04-23 19:51:43

End at: 2019-04-23 19:52:13

Local clock offset: -0.79 ms

Remote clock offset: -5.157 ms

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

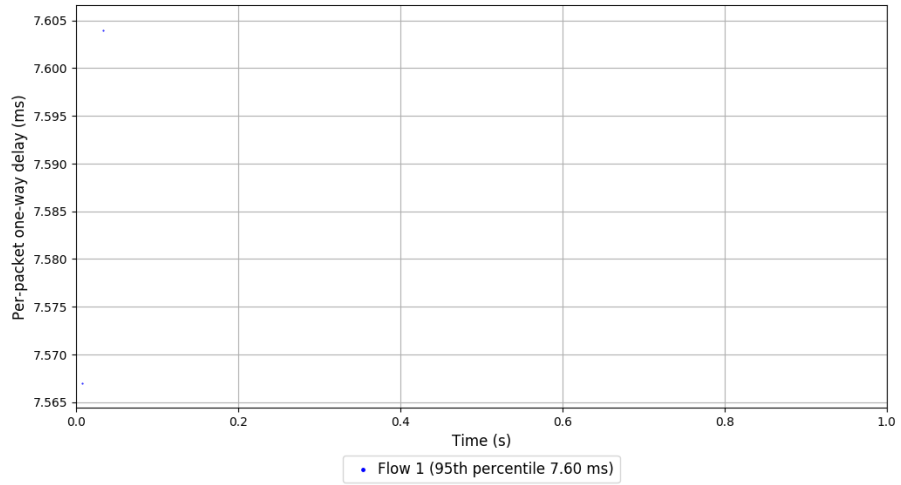
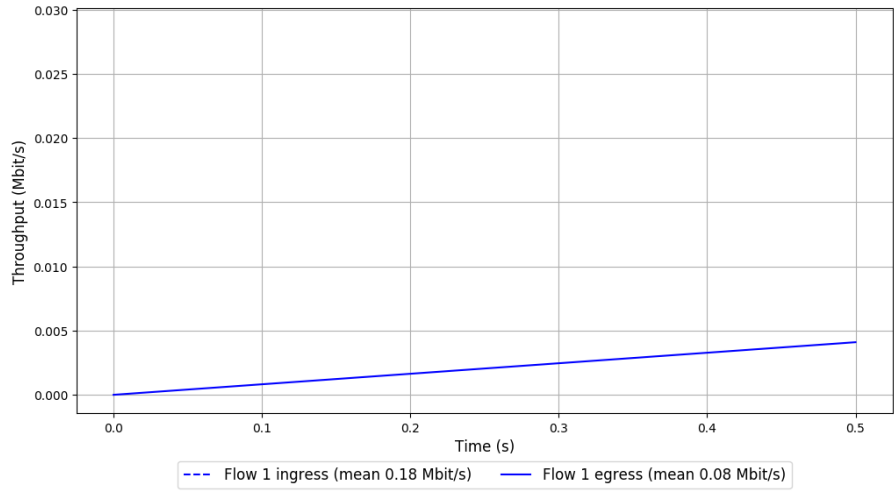
Start at: 2019-04-23 20:15:54

End at: 2019-04-23 20:16:24

Local clock offset: -1.882 ms

Remote clock offset: -3.266 ms

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

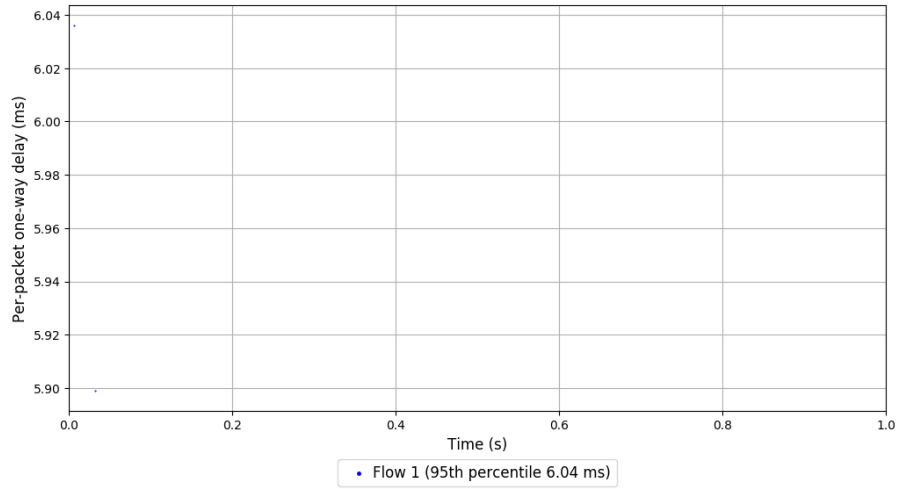
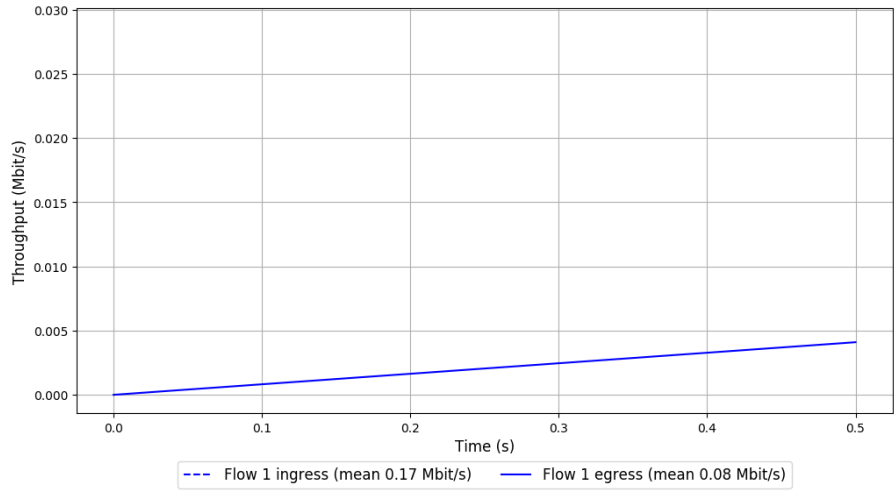
Start at: 2019-04-23 20:40:27

End at: 2019-04-23 20:40:57

Local clock offset: -0.295 ms

Remote clock offset: -5.559 ms

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

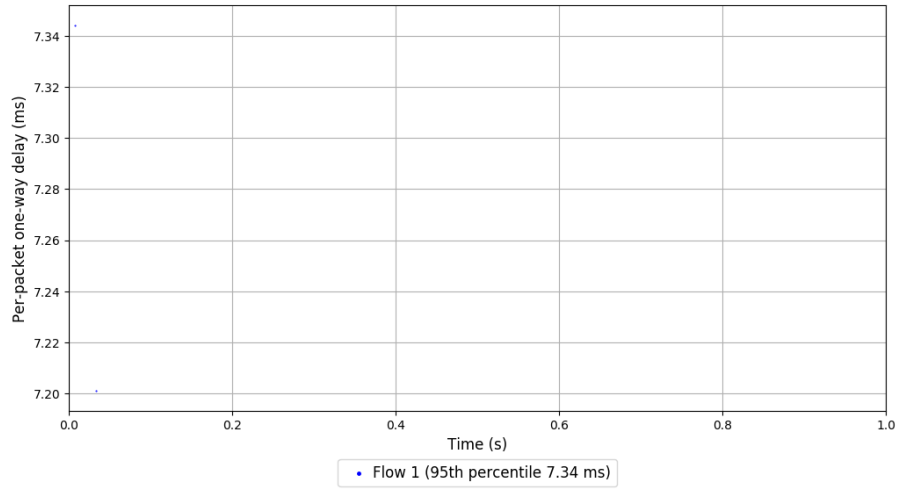
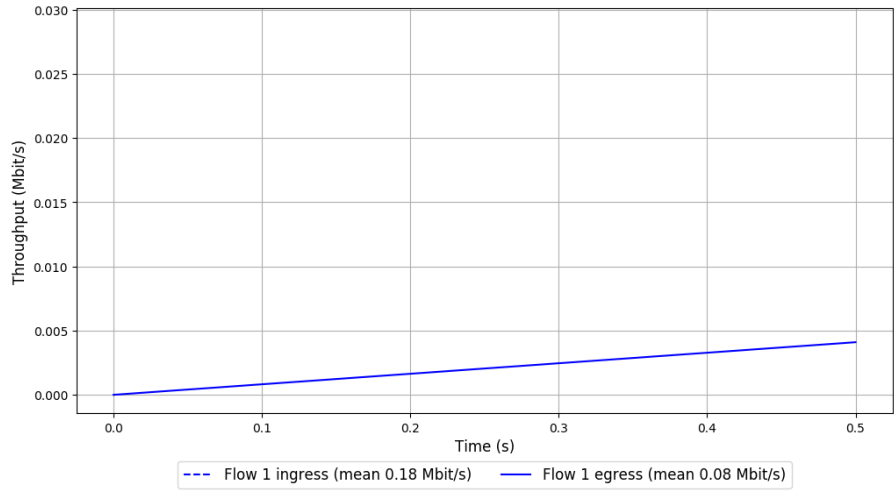
Start at: 2019-04-23 21:04:35

End at: 2019-04-23 21:05:05

Local clock offset: 0.876 ms

Remote clock offset: -6.632 ms

Run 5: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2019-04-23 19:19:20

End at: 2019-04-23 19:19:50

Local clock offset: -1.428 ms

Remote clock offset: -3.276 ms

Below is generated by plot.py at 2019-04-23 21:16:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.64 Mbit/s

95th percentile per-packet one-way delay: 44.690 ms

Loss rate: 0.19%

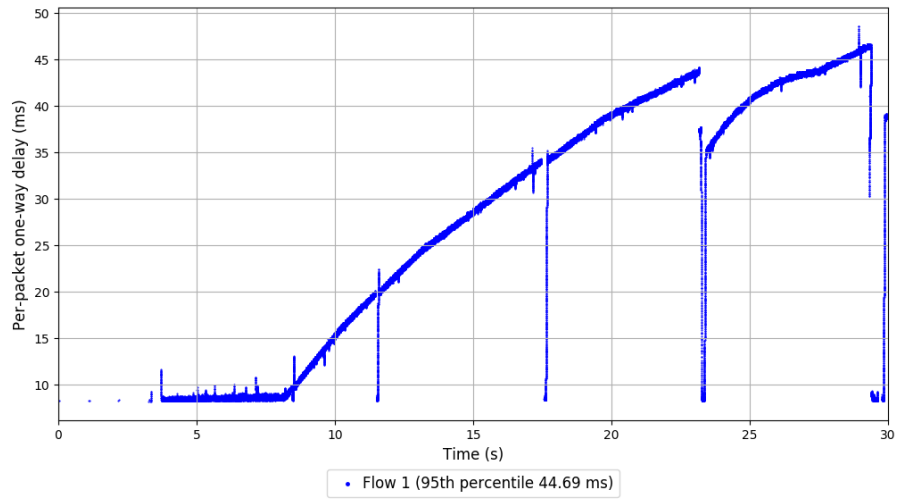
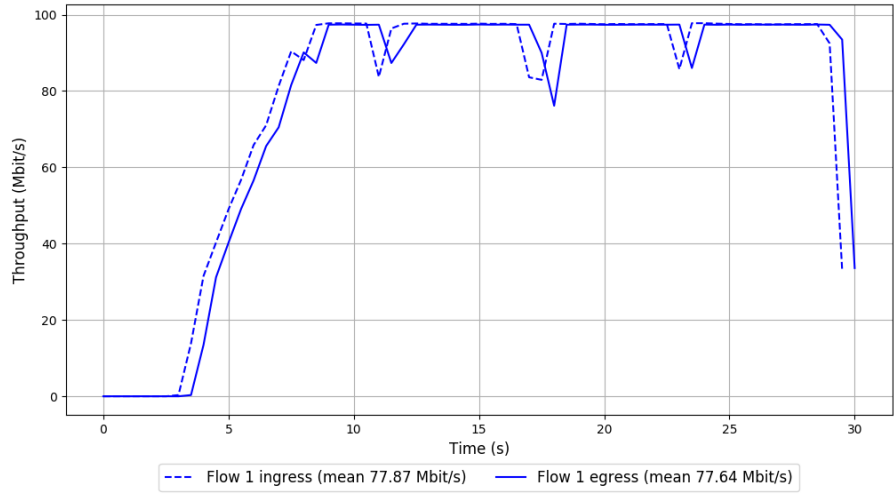
-- Flow 1:

Average throughput: 77.64 Mbit/s

95th percentile per-packet one-way delay: 44.690 ms

Loss rate: 0.19%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2019-04-23 19:43:35

End at: 2019-04-23 19:44:05

Local clock offset: -0.942 ms

Remote clock offset: -5.57 ms

Below is generated by plot.py at 2019-04-23 21:16:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.77 Mbit/s

95th percentile per-packet one-way delay: 44.343 ms

Loss rate: 0.78%

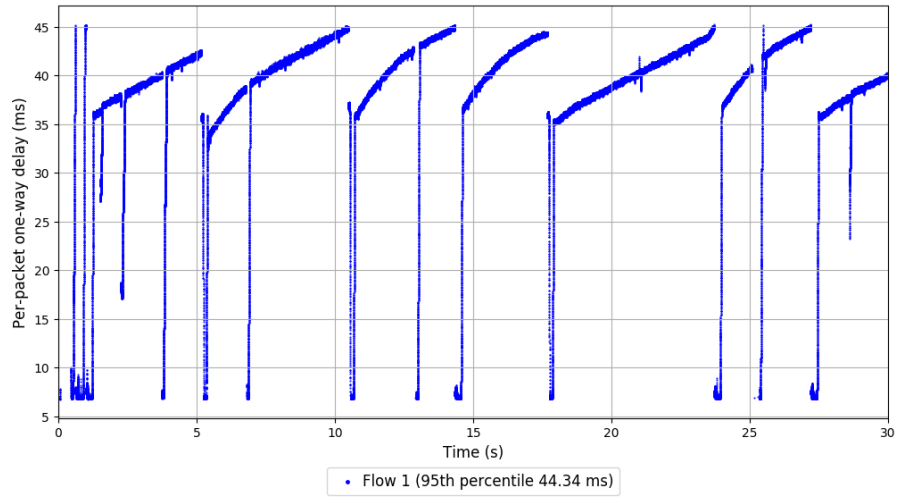
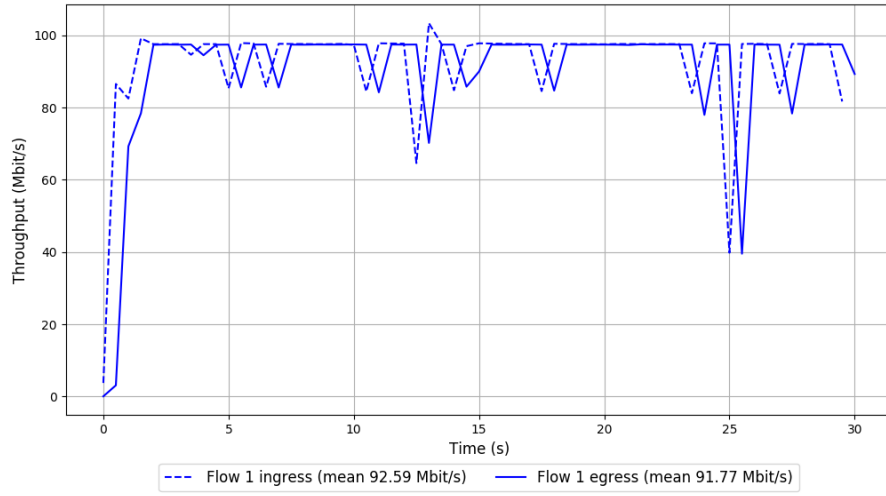
-- Flow 1:

Average throughput: 91.77 Mbit/s

95th percentile per-packet one-way delay: 44.343 ms

Loss rate: 0.78%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2019-04-23 20:07:40

End at: 2019-04-23 20:08:10

Local clock offset: -2.889 ms

Remote clock offset: -4.562 ms

Below is generated by plot.py at 2019-04-23 21:17:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.09 Mbit/s

95th percentile per-packet one-way delay: 43.490 ms

Loss rate: 0.49%

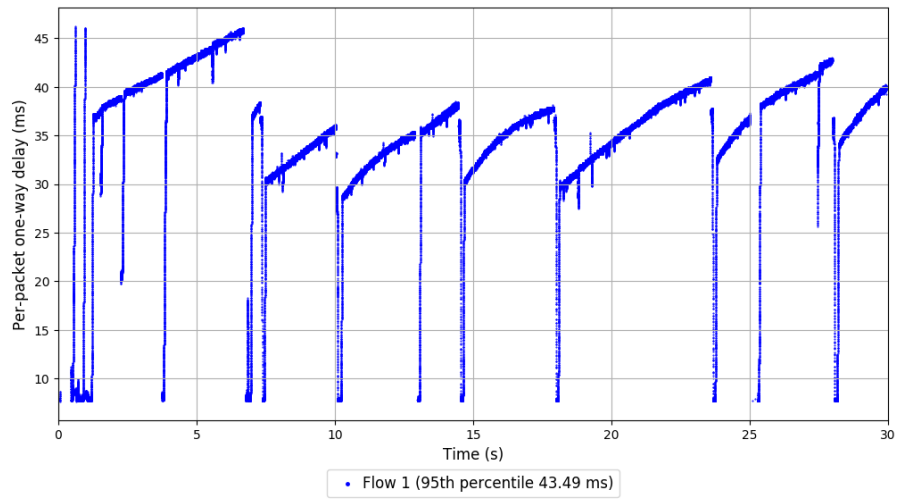
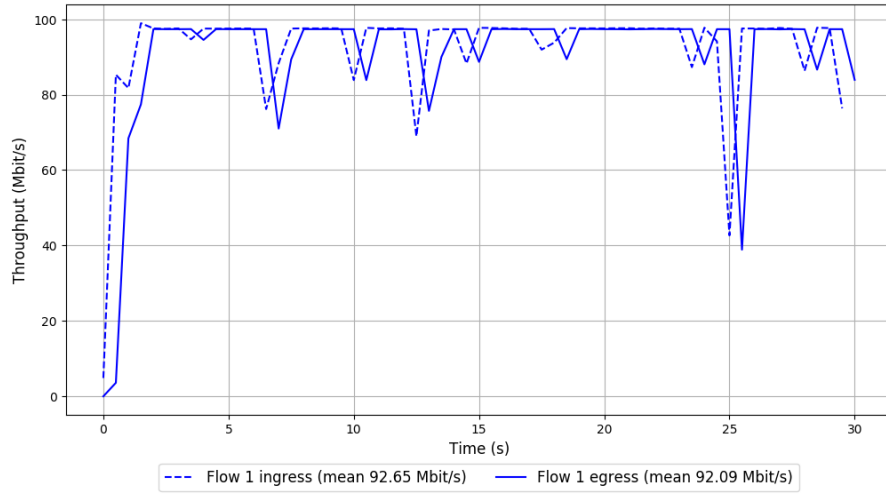
-- Flow 1:

Average throughput: 92.09 Mbit/s

95th percentile per-packet one-way delay: 43.490 ms

Loss rate: 0.49%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2019-04-23 20:32:11

End at: 2019-04-23 20:32:41

Local clock offset: 0.349 ms

Remote clock offset: -5.122 ms

Below is generated by plot.py at 2019-04-23 21:17:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.04 Mbit/s

95th percentile per-packet one-way delay: 42.013 ms

Loss rate: 0.54%

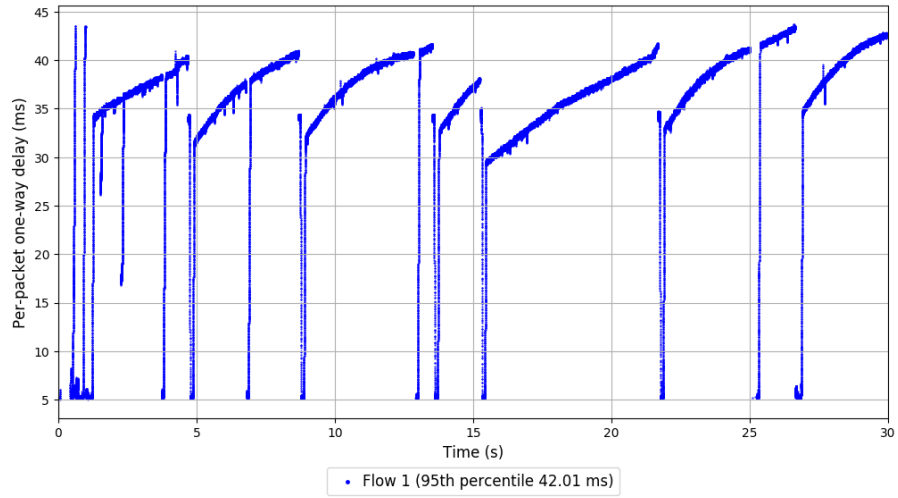
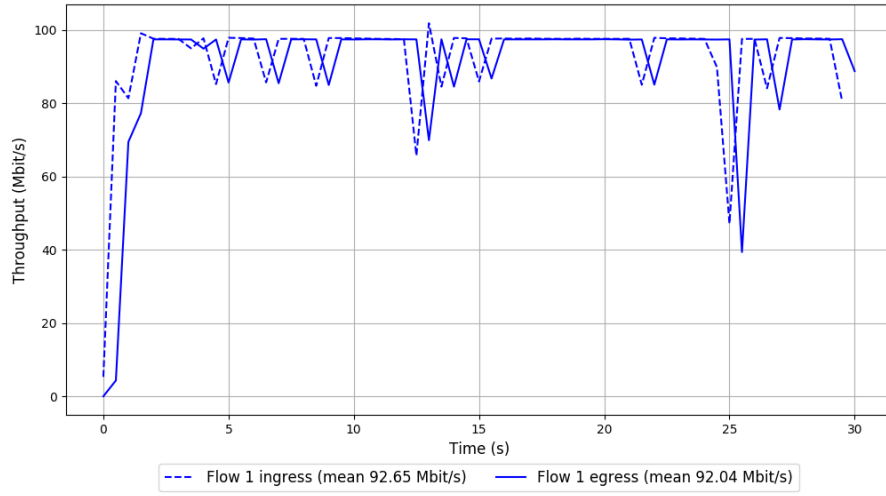
-- Flow 1:

Average throughput: 92.04 Mbit/s

95th percentile per-packet one-way delay: 42.013 ms

Loss rate: 0.54%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2019-04-23 20:56:26

End at: 2019-04-23 20:56:56

Local clock offset: 0.845 ms

Remote clock offset: -5.603 ms

Below is generated by plot.py at 2019-04-23 21:17:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.53 Mbit/s

95th percentile per-packet one-way delay: 43.529 ms

Loss rate: 0.30%

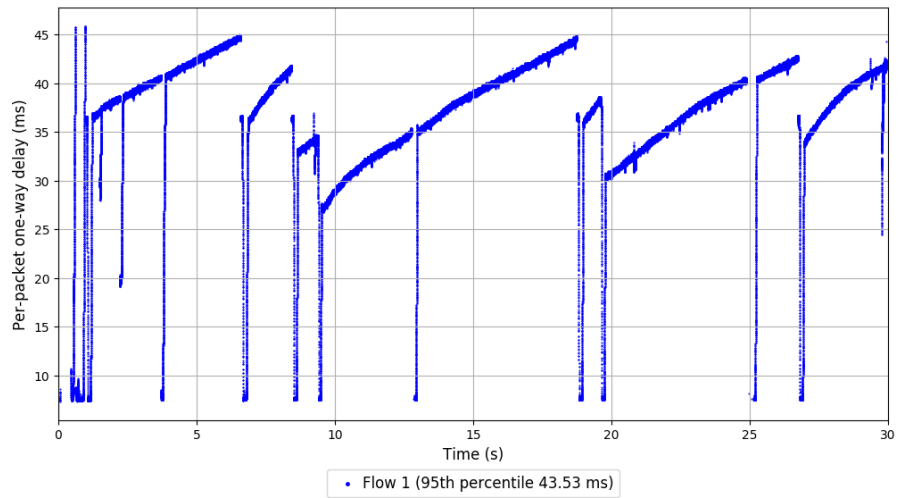
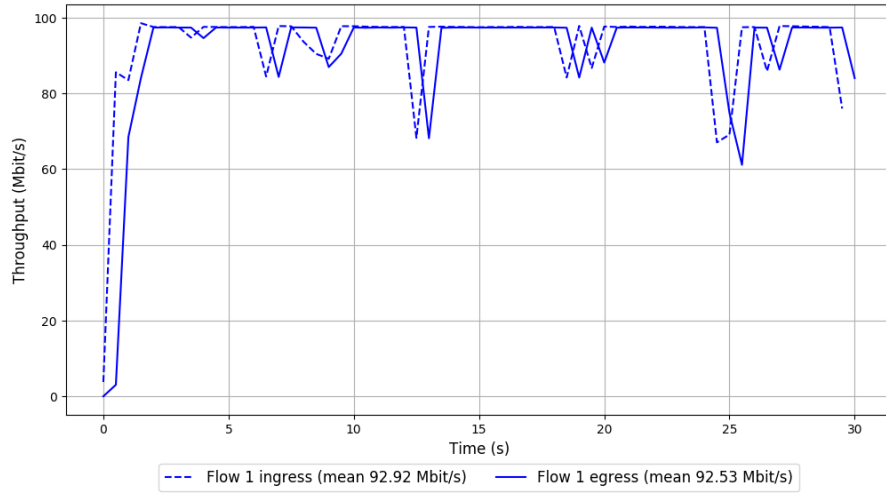
-- Flow 1:

Average throughput: 92.53 Mbit/s

95th percentile per-packet one-way delay: 43.529 ms

Loss rate: 0.30%

Run 5: Report of QUIC Cubic — Data Link

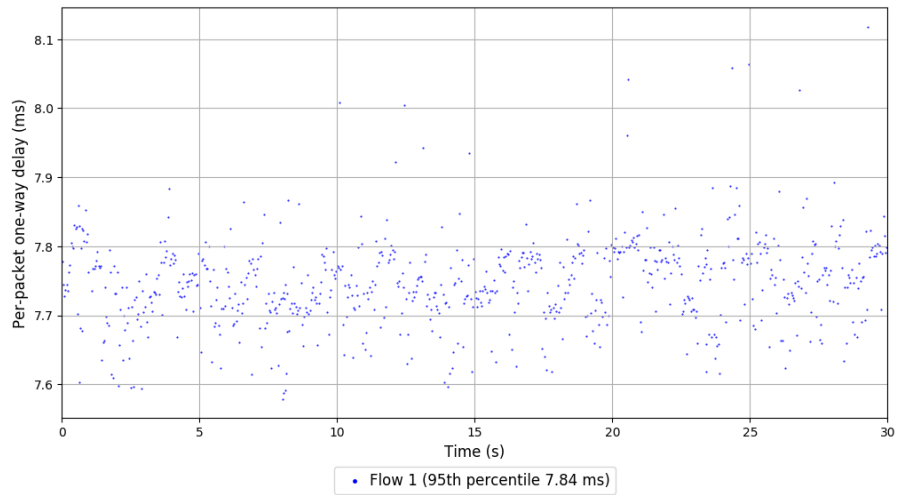
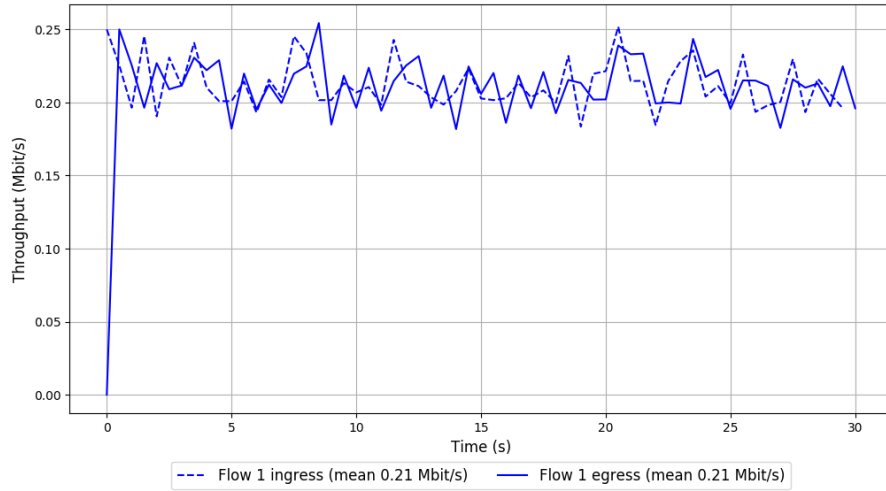


Run 1: Statistics of SCReAM

Start at: 2019-04-23 19:10:14
End at: 2019-04-23 19:10:44
Local clock offset: -1.012 ms
Remote clock offset: -2.547 ms

Below is generated by plot.py at 2019-04-23 21:17:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 7.839 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 7.839 ms
Loss rate: 0.00%

Run 1: Report of SCReAM — Data Link

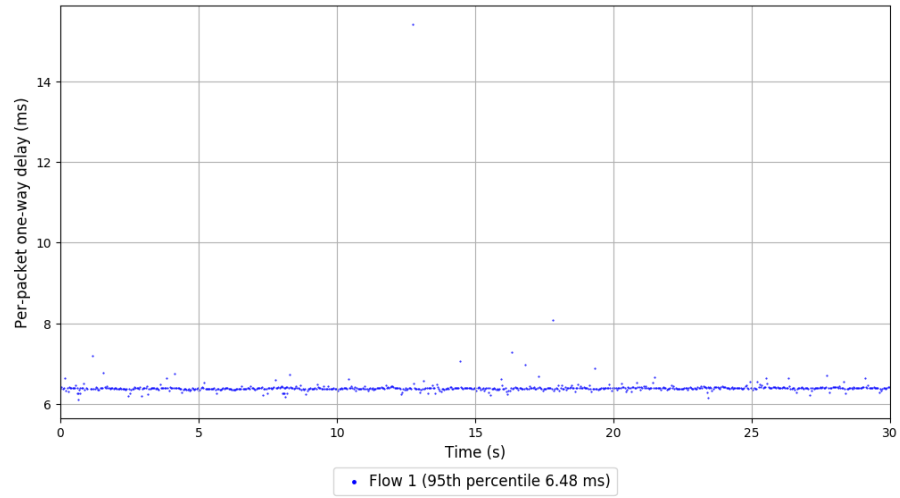
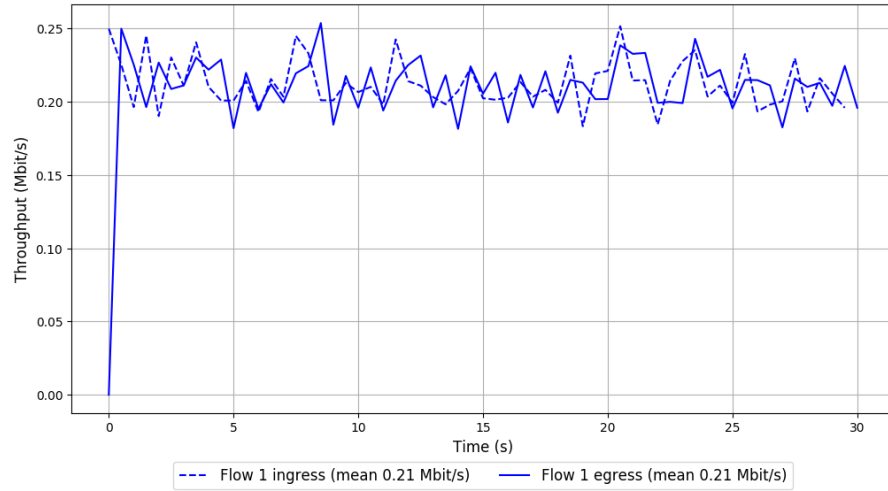


Run 2: Statistics of SCReAM

Start at: 2019-04-23 19:34:36
End at: 2019-04-23 19:35:06
Local clock offset: -0.628 ms
Remote clock offset: -5.464 ms

Below is generated by plot.py at 2019-04-23 21:17:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 6.476 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 6.476 ms
Loss rate: 0.00%

Run 2: Report of SCReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2019-04-23 19:58:36

End at: 2019-04-23 19:59:06

Local clock offset: -1.702 ms

Remote clock offset: -4.68 ms

Below is generated by plot.py at 2019-04-23 21:17:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 7.990 ms

Loss rate: 0.00%

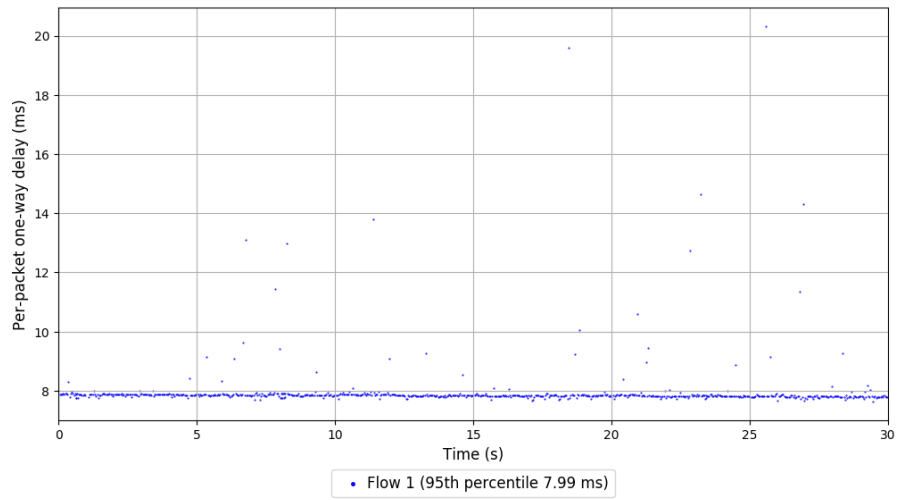
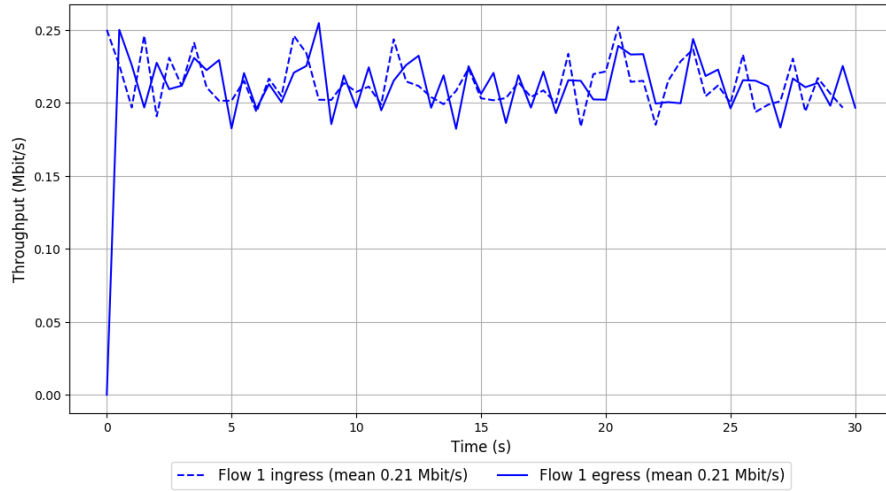
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 7.990 ms

Loss rate: 0.00%

Run 3: Report of SCReAM — Data Link

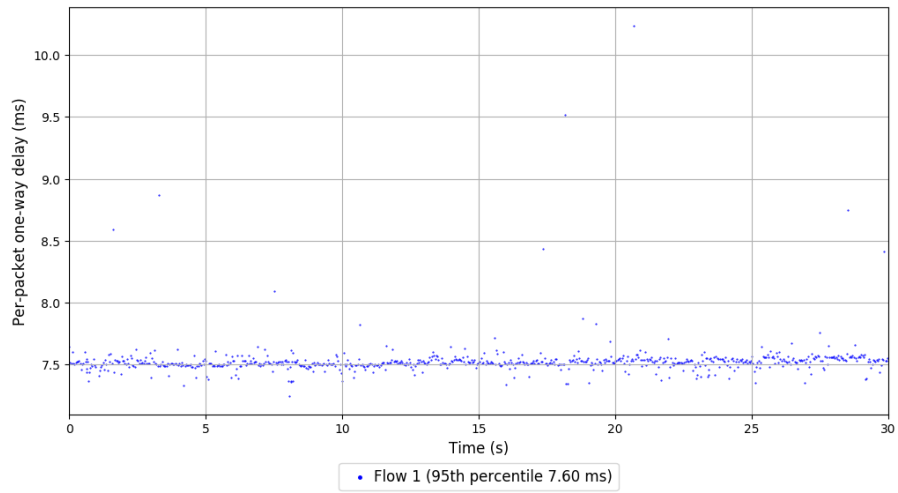
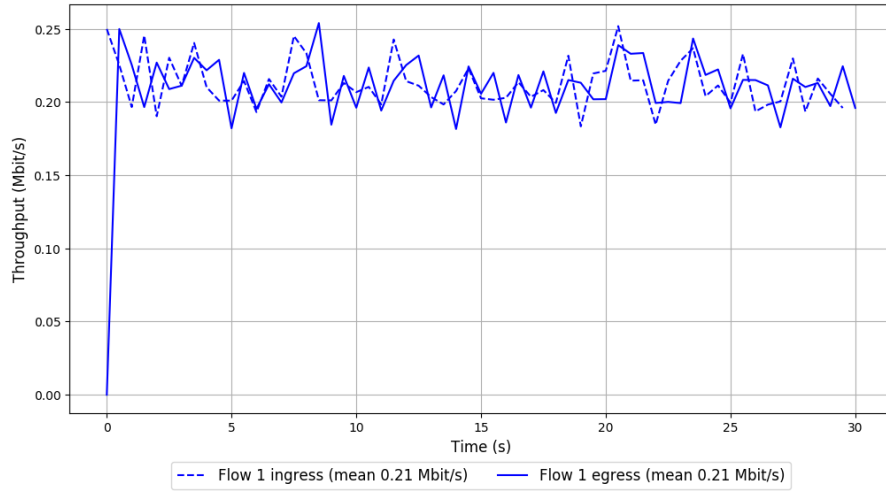


Run 4: Statistics of SCReAM

Start at: 2019-04-23 20:22:55
End at: 2019-04-23 20:23:25
Local clock offset: -0.346 ms
Remote clock offset: -2.935 ms

```
# Below is generated by plot.py at 2019-04-23 21:17:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 7.602 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 7.602 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

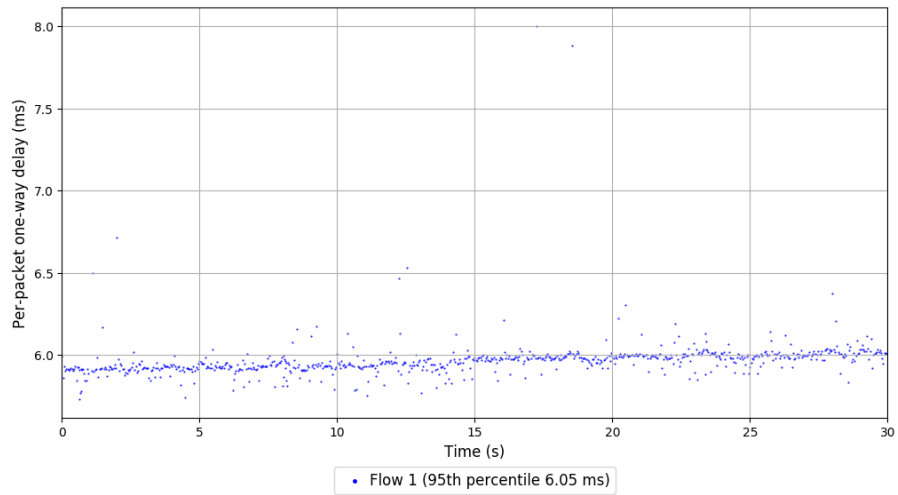
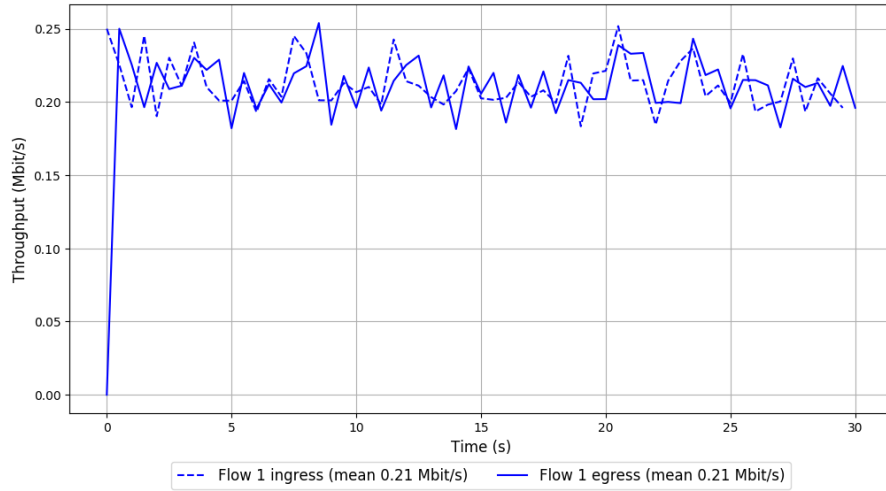


Run 5: Statistics of SCReAM

Start at: 2019-04-23 20:47:25
End at: 2019-04-23 20:47:55
Local clock offset: 0.132 ms
Remote clock offset: -6.369 ms

```
# Below is generated by plot.py at 2019-04-23 21:17:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 6.054 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 6.054 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

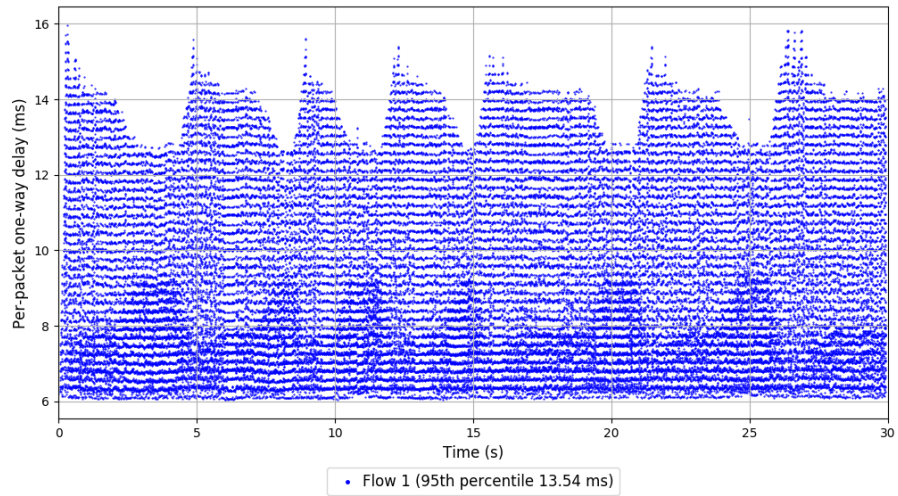
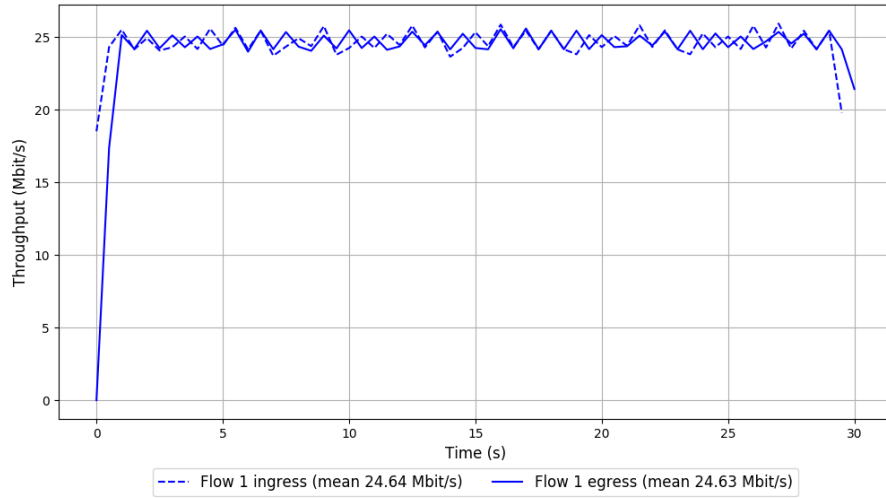


Run 1: Statistics of Sprout

Start at: 2019-04-23 19:25:21
End at: 2019-04-23 19:25:51
Local clock offset: -0.595 ms
Remote clock offset: -5.279 ms

Below is generated by plot.py at 2019-04-23 21:17:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.63 Mbit/s
95th percentile per-packet one-way delay: 13.544 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.63 Mbit/s
95th percentile per-packet one-way delay: 13.544 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

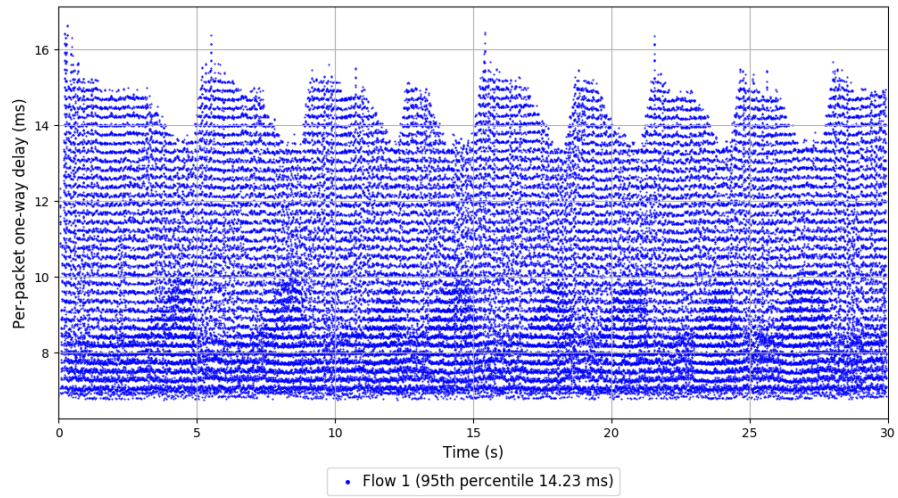
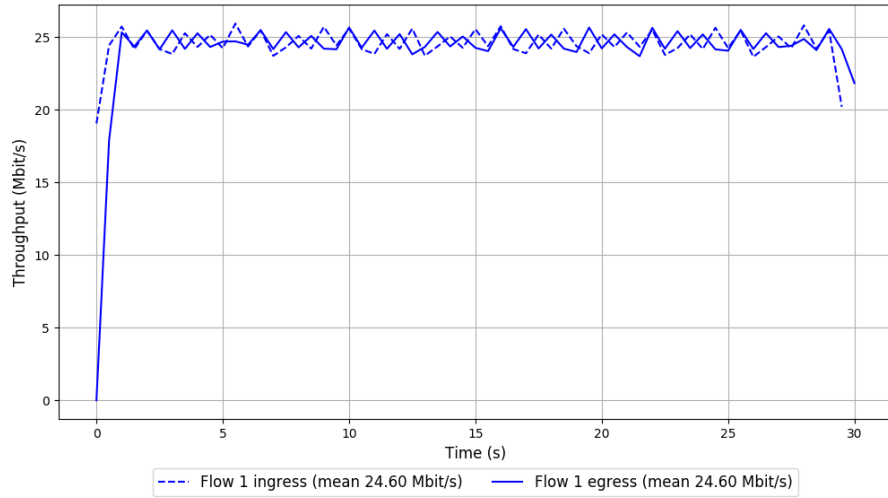


Run 2: Statistics of Sprout

Start at: 2019-04-23 19:49:26
End at: 2019-04-23 19:49:56
Local clock offset: -0.529 ms
Remote clock offset: -5.223 ms

Below is generated by plot.py at 2019-04-23 21:17:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.60 Mbit/s
95th percentile per-packet one-way delay: 14.234 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.60 Mbit/s
95th percentile per-packet one-way delay: 14.234 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2019-04-23 20:13:36

End at: 2019-04-23 20:14:06

Local clock offset: -2.1 ms

Remote clock offset: -3.366 ms

Below is generated by plot.py at 2019-04-23 21:17:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.60 Mbit/s

95th percentile per-packet one-way delay: 15.092 ms

Loss rate: 0.00%

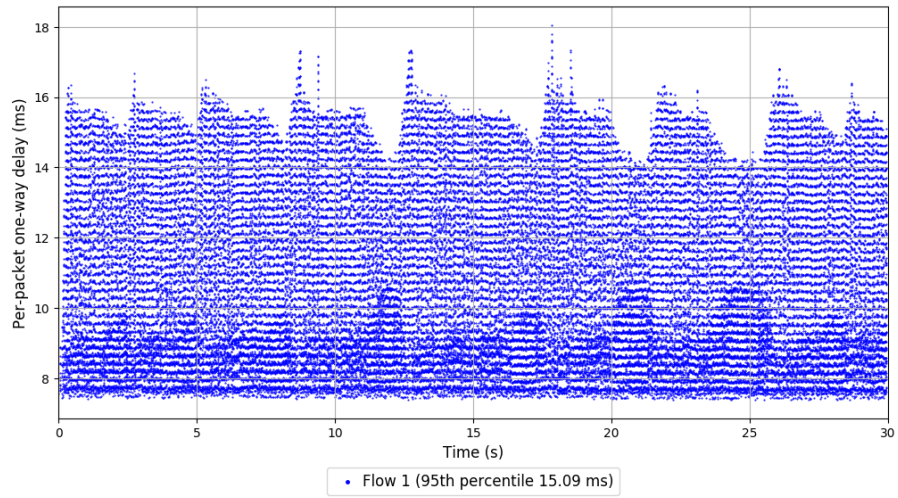
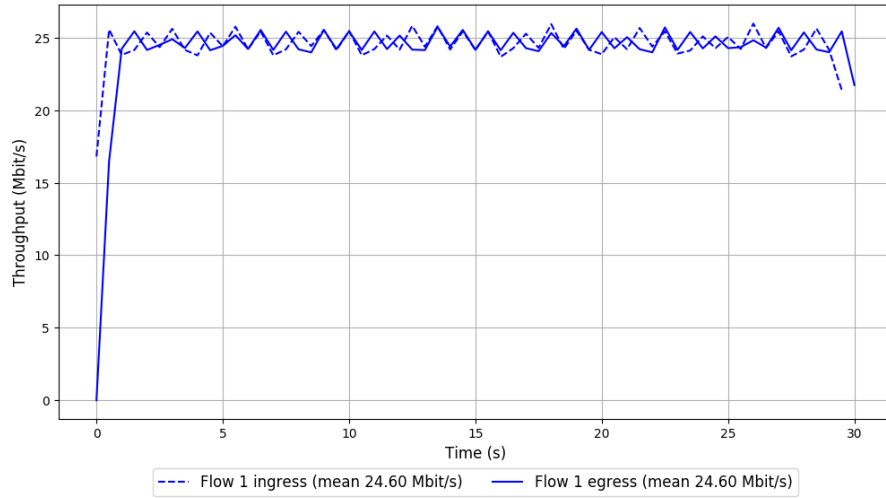
-- Flow 1:

Average throughput: 24.60 Mbit/s

95th percentile per-packet one-way delay: 15.092 ms

Loss rate: 0.00%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2019-04-23 20:38:12

End at: 2019-04-23 20:38:42

Local clock offset: -0.388 ms

Remote clock offset: -5.13 ms

Below is generated by plot.py at 2019-04-23 21:17:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.63 Mbit/s

95th percentile per-packet one-way delay: 13.825 ms

Loss rate: 0.00%

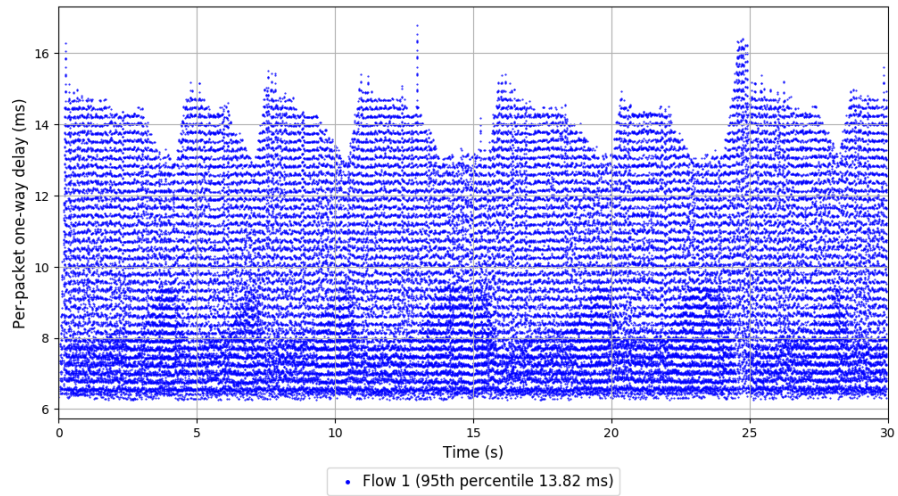
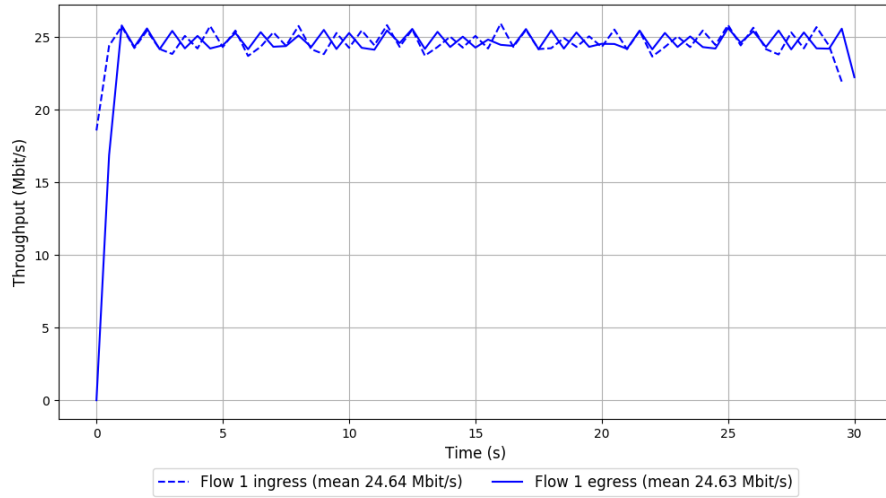
-- Flow 1:

Average throughput: 24.63 Mbit/s

95th percentile per-packet one-way delay: 13.825 ms

Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

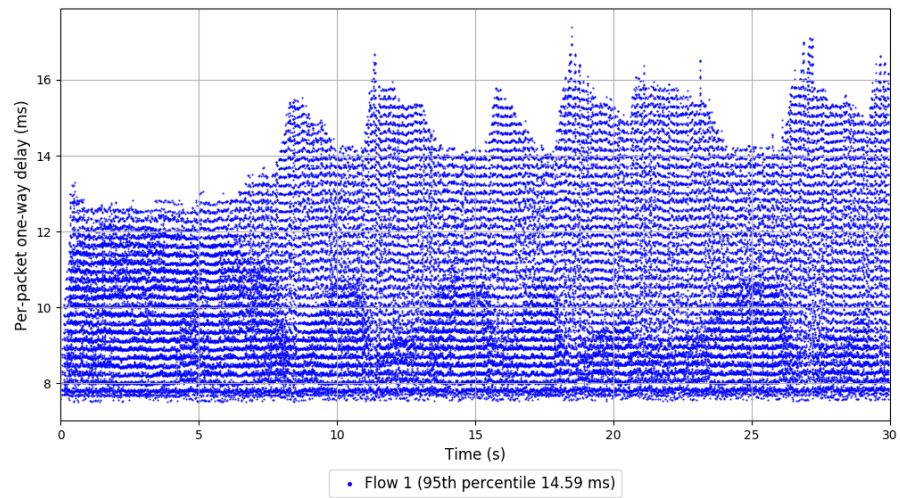
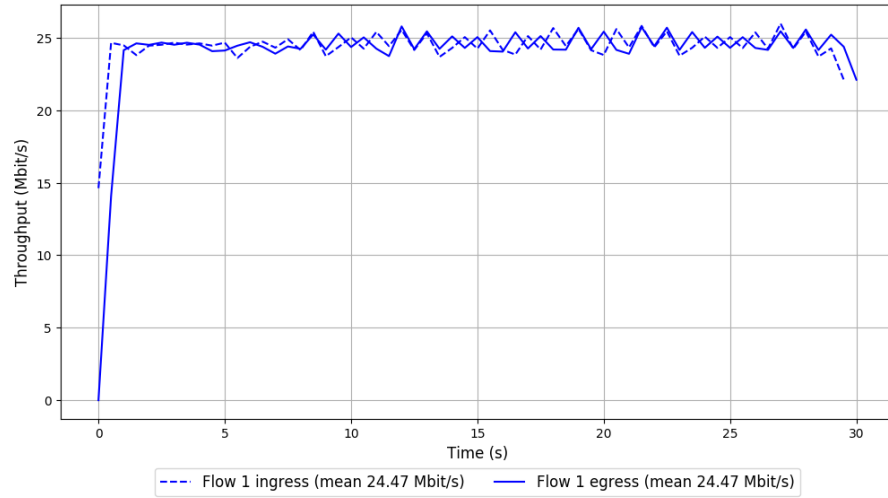


Run 5: Statistics of Sprout

Start at: 2019-04-23 21:02:19
End at: 2019-04-23 21:02:49
Local clock offset: 1.251 ms
Remote clock offset: -5.762 ms

```
# Below is generated by plot.py at 2019-04-23 21:17:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 14.594 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 14.594 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2019-04-23 19:13:32

End at: 2019-04-23 19:14:02

Local clock offset: -1.215 ms

Remote clock offset: -3.33 ms

Below is generated by plot.py at 2019-04-23 21:17:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.32 Mbit/s

95th percentile per-packet one-way delay: 7.572 ms

Loss rate: 79.29%

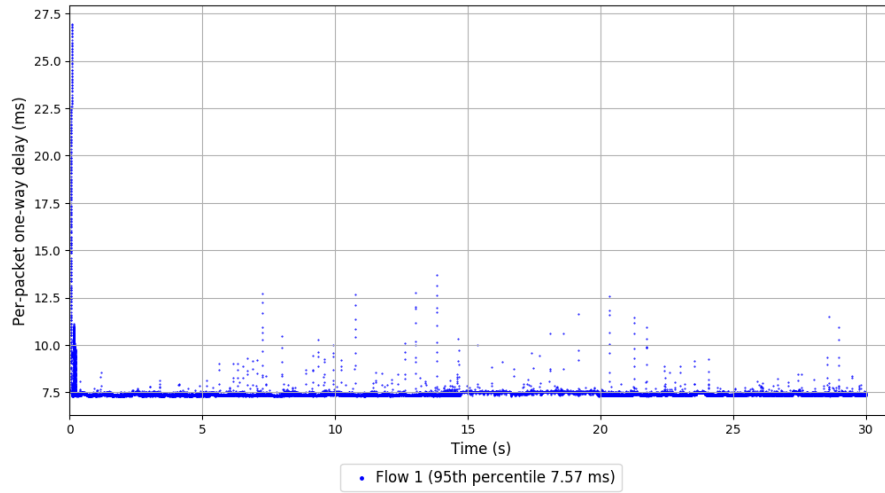
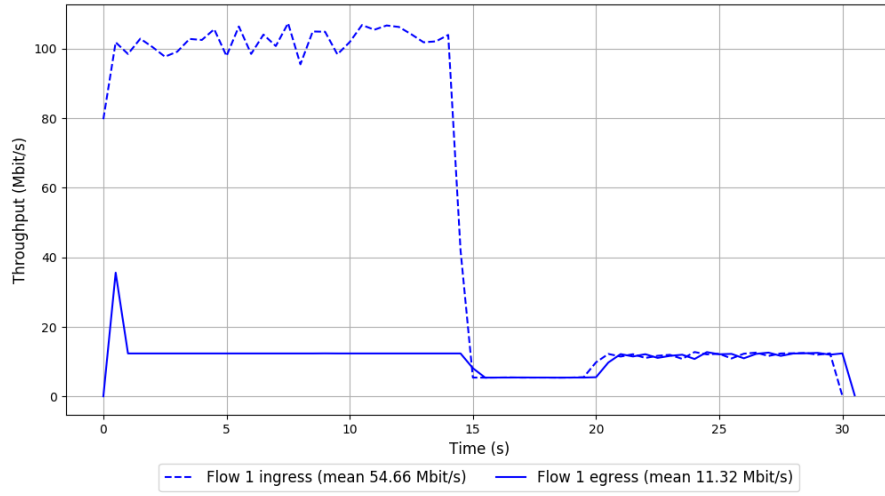
-- Flow 1:

Average throughput: 11.32 Mbit/s

95th percentile per-packet one-way delay: 7.572 ms

Loss rate: 79.29%

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



Run 2: Statistics of TaoVA-100x

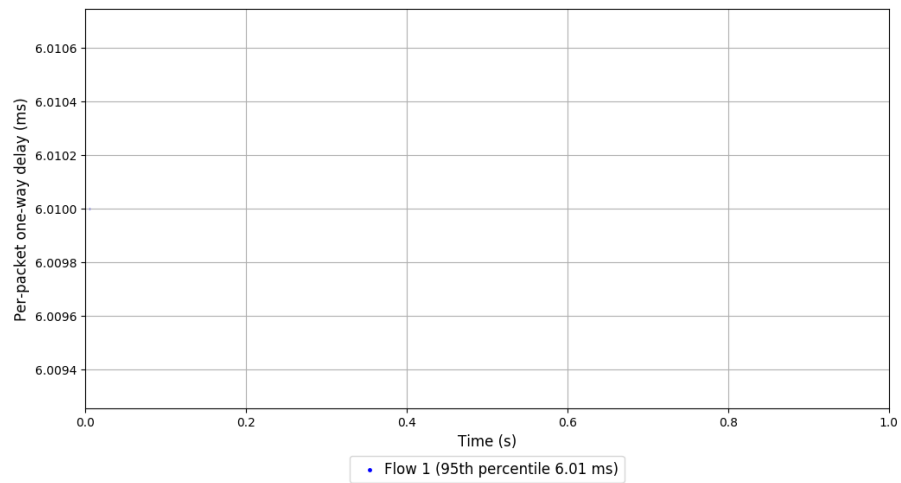
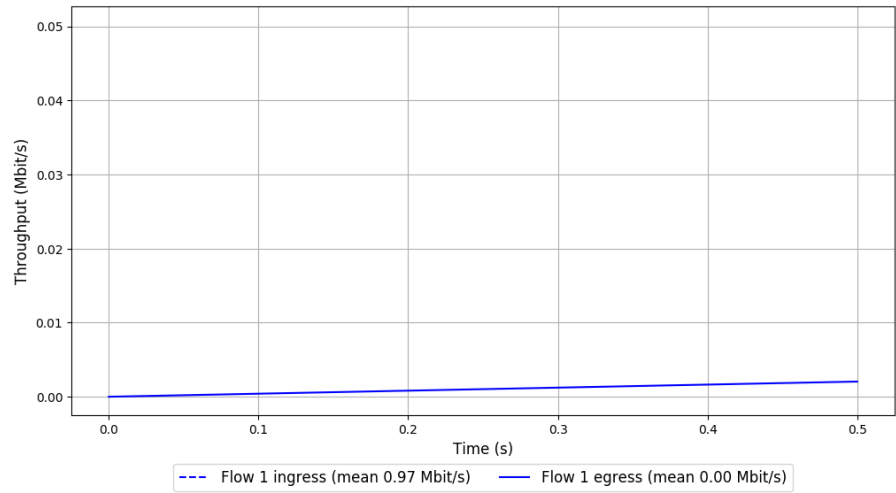
Start at: 2019-04-23 19:37:55

End at: 2019-04-23 19:38:25

Local clock offset: -6.803 ms

Remote clock offset: -12.287 ms

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



Run 3: Statistics of TaoVA-100x

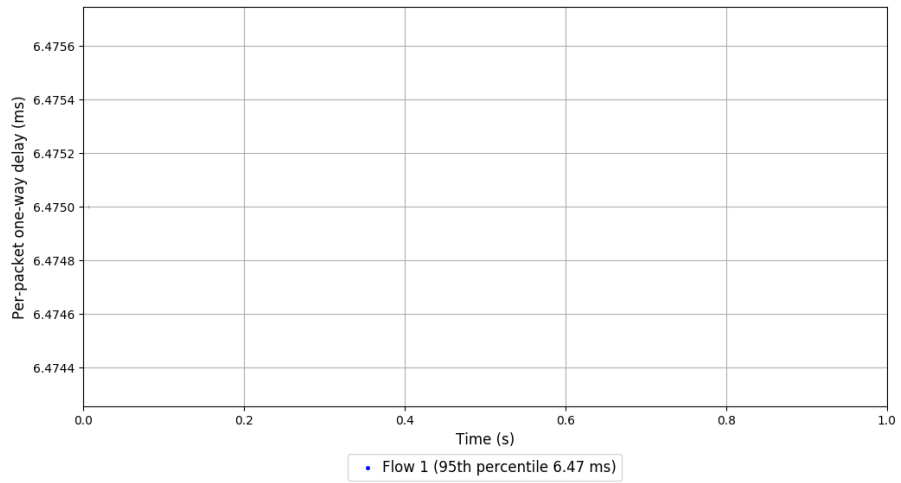
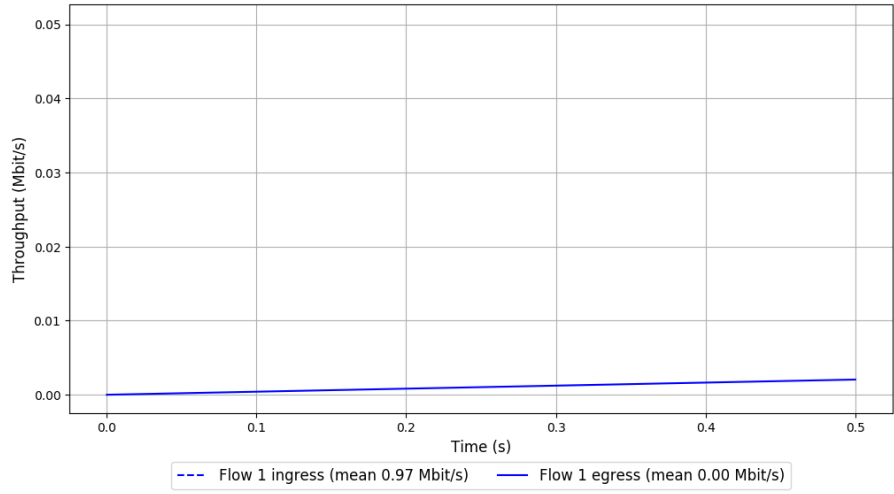
Start at: 2019-04-23 20:01:55

End at: 2019-04-23 20:02:25

Local clock offset: -0.868 ms

Remote clock offset: -4.716 ms

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



Run 4: Statistics of TaoVA-100x

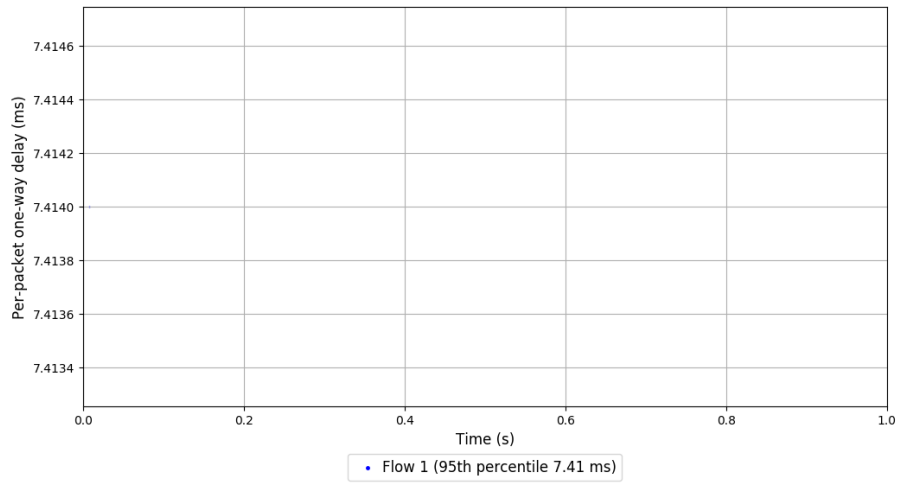
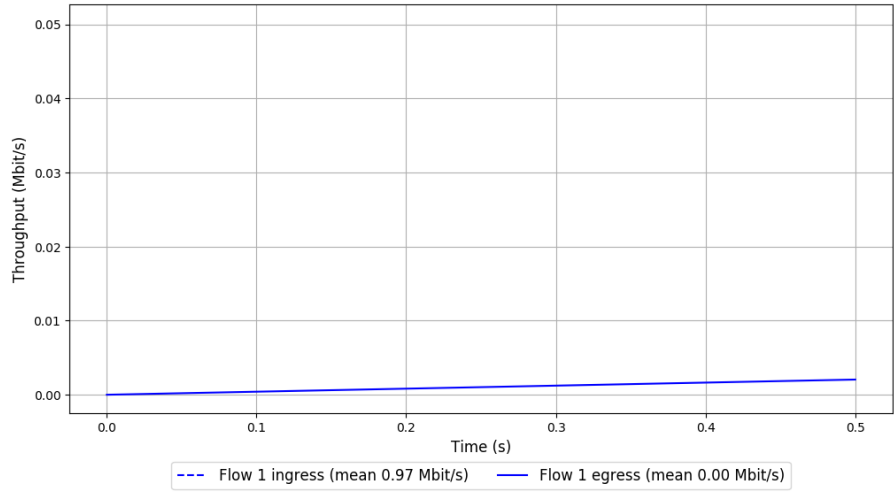
Start at: 2019-04-23 20:26:15

End at: 2019-04-23 20:26:45

Local clock offset: 0.041 ms

Remote clock offset: -3.169 ms

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



Run 5: Statistics of TaoVA-100x

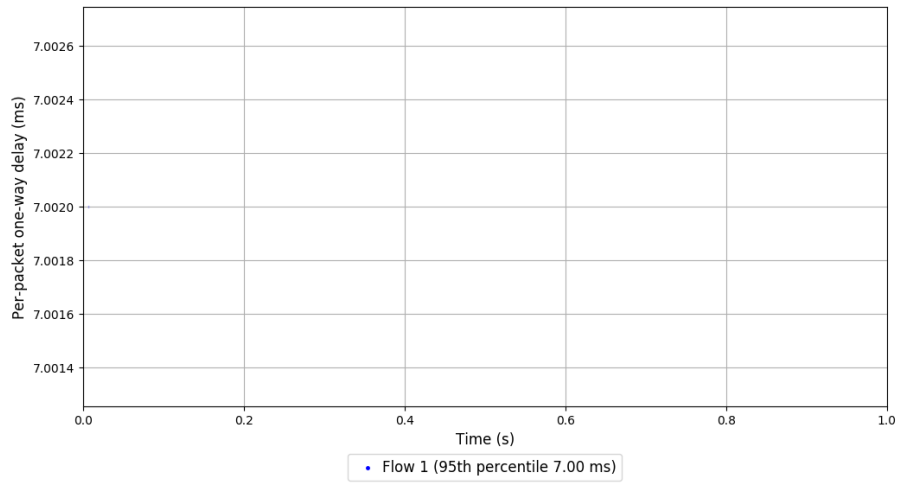
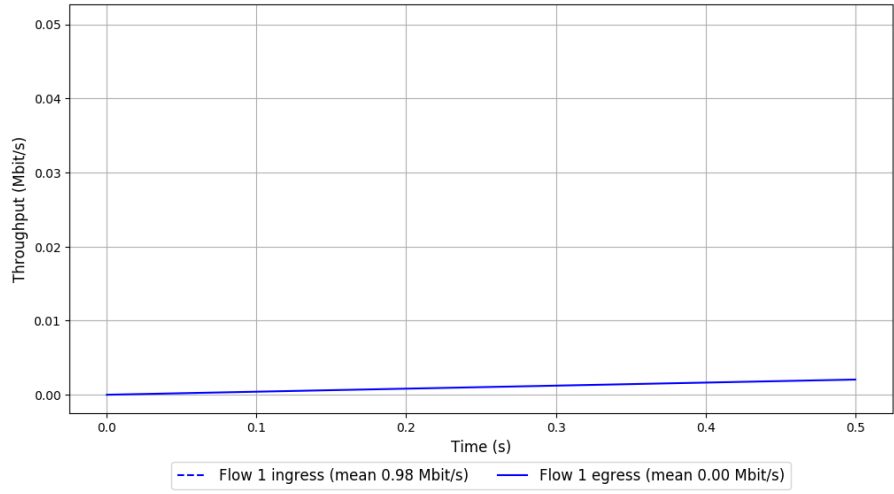
Start at: 2019-04-23 20:50:43

End at: 2019-04-23 20:51:13

Local clock offset: 0.101 ms

Remote clock offset: -6.045 ms

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



Run 1: Statistics of TCP Vegas

Start at: 2019-04-23 19:20:35
End at: 2019-04-23 19:21:05
Local clock offset: -0.833 ms
Remote clock offset: -4.161 ms

Below is generated by plot.py at 2019-04-23 21:17:44

Datalink statistics

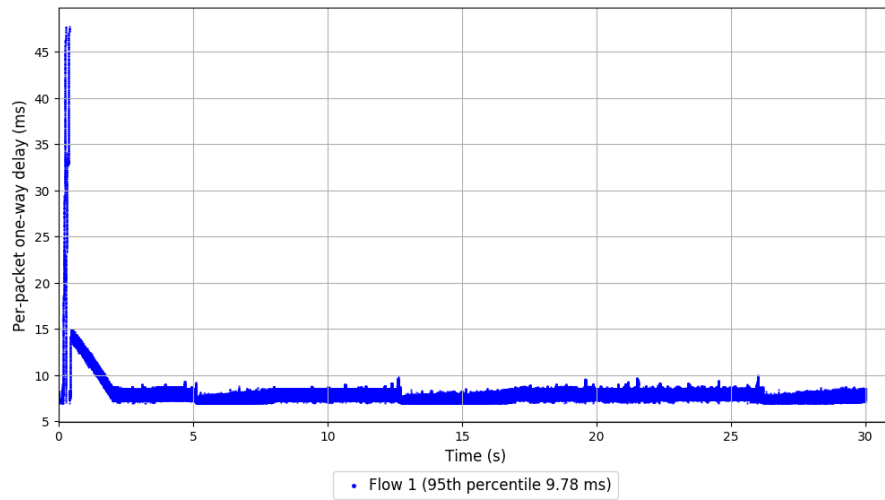
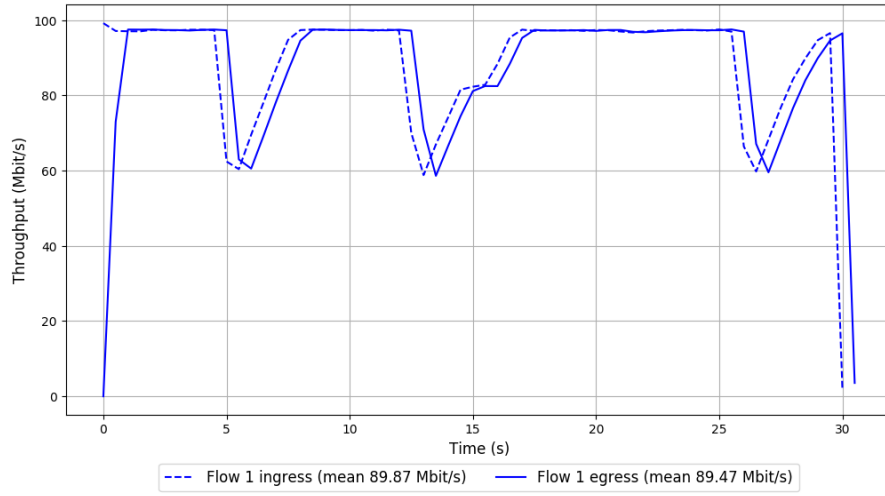
-- Total of 1 flow:

Average throughput: 89.47 Mbit/s
95th percentile per-packet one-way delay: 9.780 ms
Loss rate: 0.44%

-- Flow 1:

Average throughput: 89.47 Mbit/s
95th percentile per-packet one-way delay: 9.780 ms
Loss rate: 0.44%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2019-04-23 19:44:45
End at: 2019-04-23 19:45:15
Local clock offset: -1.662 ms
Remote clock offset: -4.859 ms

Below is generated by plot.py at 2019-04-23 21:17:50

Datalink statistics

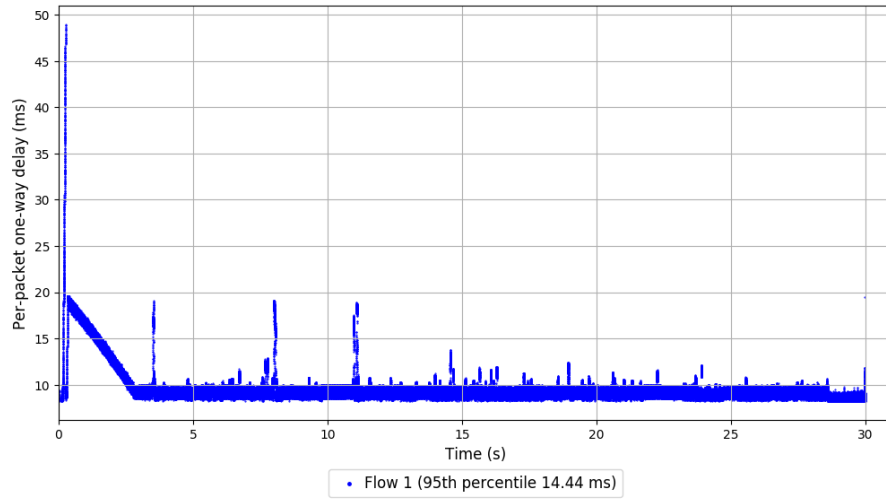
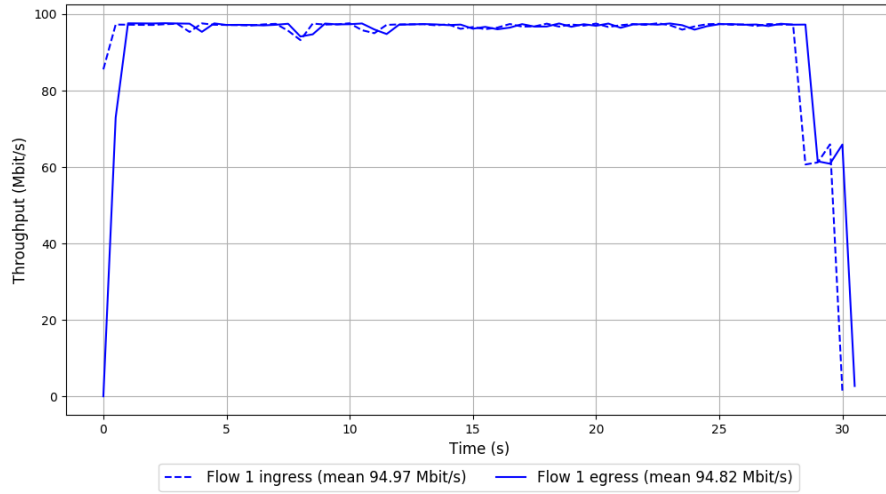
-- Total of 1 flow:

Average throughput: 94.82 Mbit/s
95th percentile per-packet one-way delay: 14.437 ms
Loss rate: 0.16%

-- Flow 1:

Average throughput: 94.82 Mbit/s
95th percentile per-packet one-way delay: 14.437 ms
Loss rate: 0.16%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2019-04-23 20:08:51

End at: 2019-04-23 20:09:22

Local clock offset: -2.52 ms

Remote clock offset: -3.847 ms

Below is generated by plot.py at 2019-04-23 21:17:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.30 Mbit/s

95th percentile per-packet one-way delay: 11.307 ms

Loss rate: 0.40%

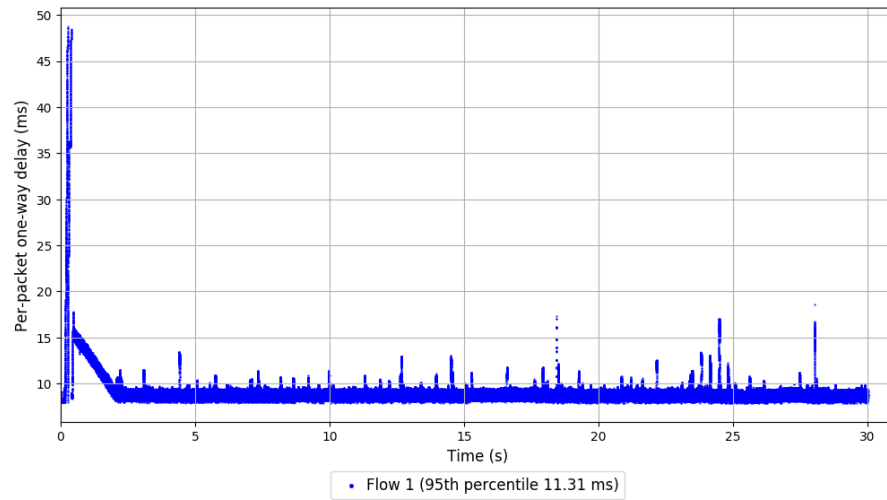
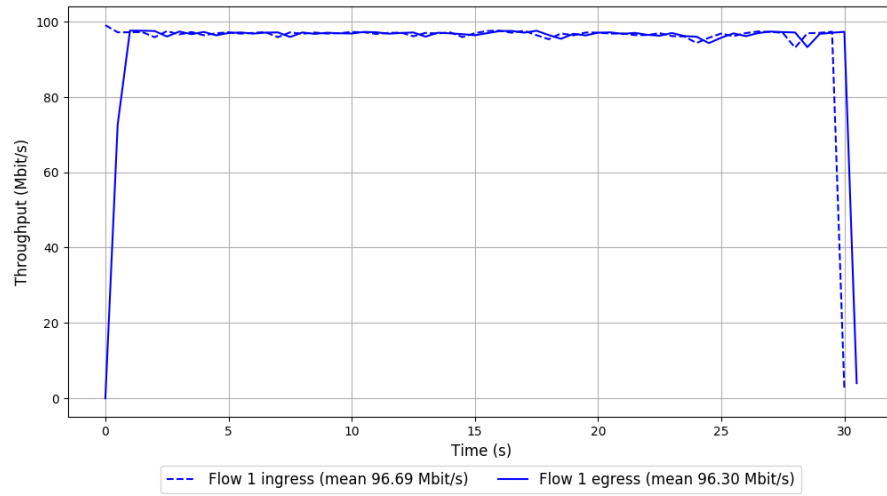
-- Flow 1:

Average throughput: 96.30 Mbit/s

95th percentile per-packet one-way delay: 11.307 ms

Loss rate: 0.40%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2019-04-23 20:33:22

End at: 2019-04-23 20:33:52

Local clock offset: -0.913 ms

Remote clock offset: -3.89 ms

Below is generated by plot.py at 2019-04-23 21:18:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.81 Mbit/s

95th percentile per-packet one-way delay: 10.528 ms

Loss rate: 0.40%

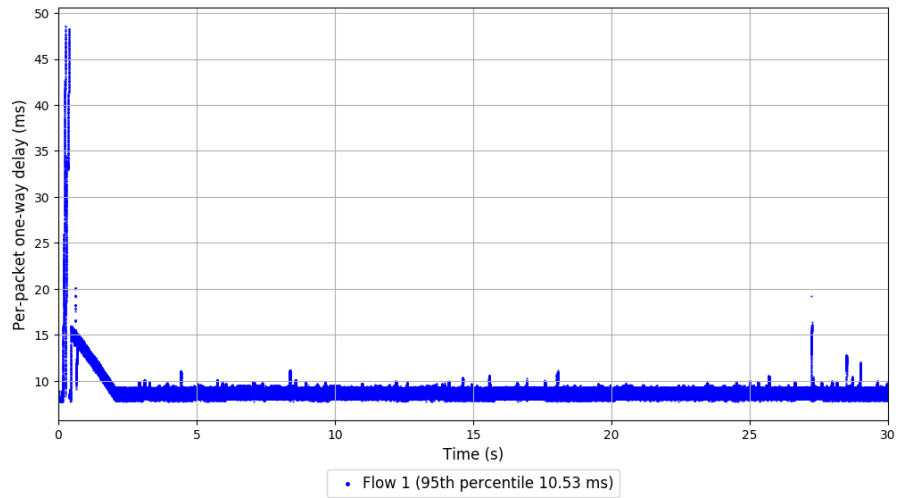
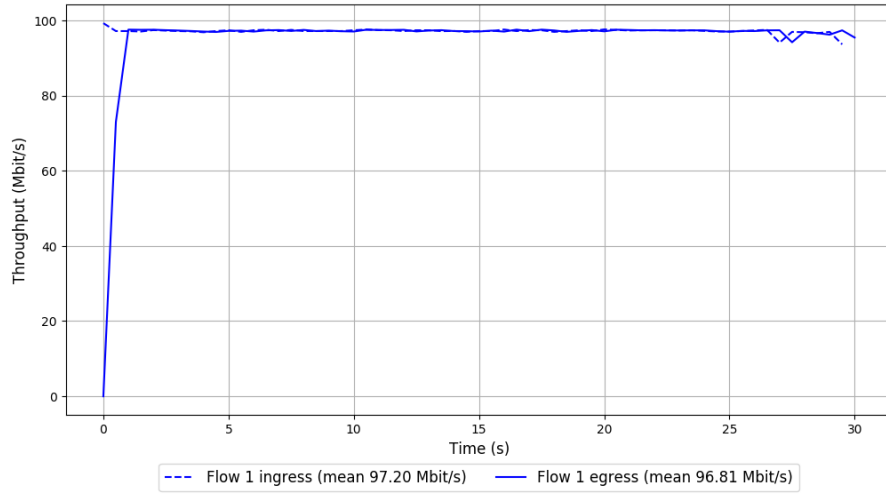
-- Flow 1:

Average throughput: 96.81 Mbit/s

95th percentile per-packet one-way delay: 10.528 ms

Loss rate: 0.40%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2019-04-23 20:57:37
End at: 2019-04-23 20:58:07
Local clock offset: 0.684 ms
Remote clock offset: -5.032 ms

Below is generated by plot.py at 2019-04-23 21:18:03

Datalink statistics

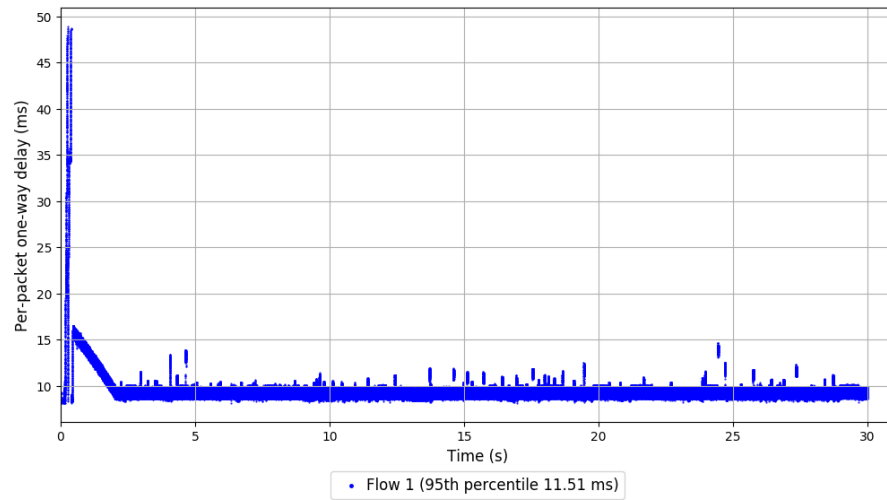
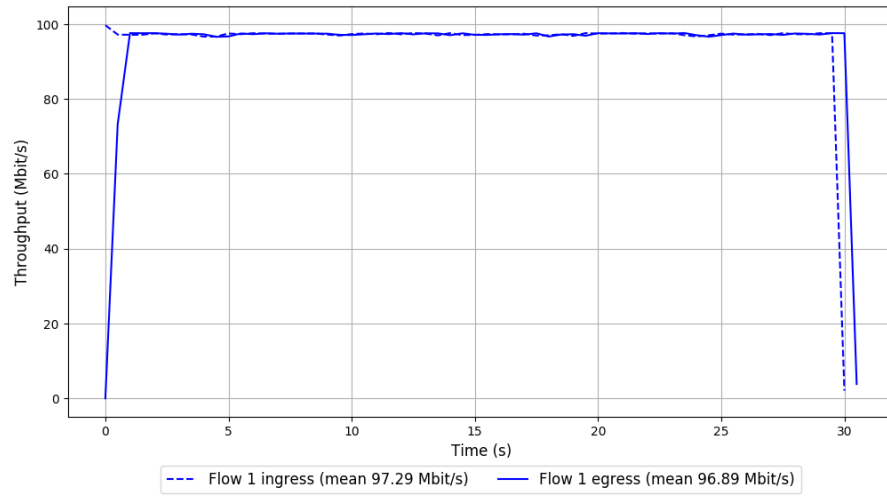
-- Total of 1 flow:

Average throughput: 96.89 Mbit/s
95th percentile per-packet one-way delay: 11.513 ms
Loss rate: 0.40%

-- Flow 1:

Average throughput: 96.89 Mbit/s
95th percentile per-packet one-way delay: 11.513 ms
Loss rate: 0.40%

Run 5: Report of TCP Vegas — Data Link

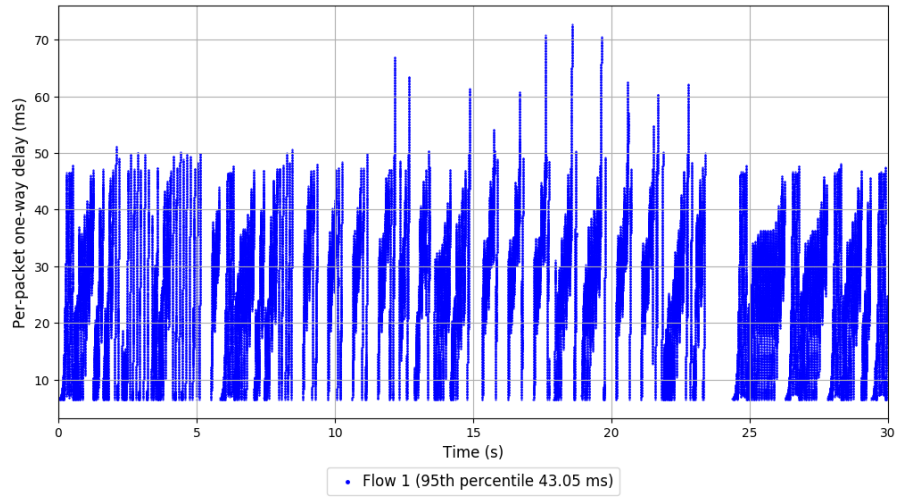
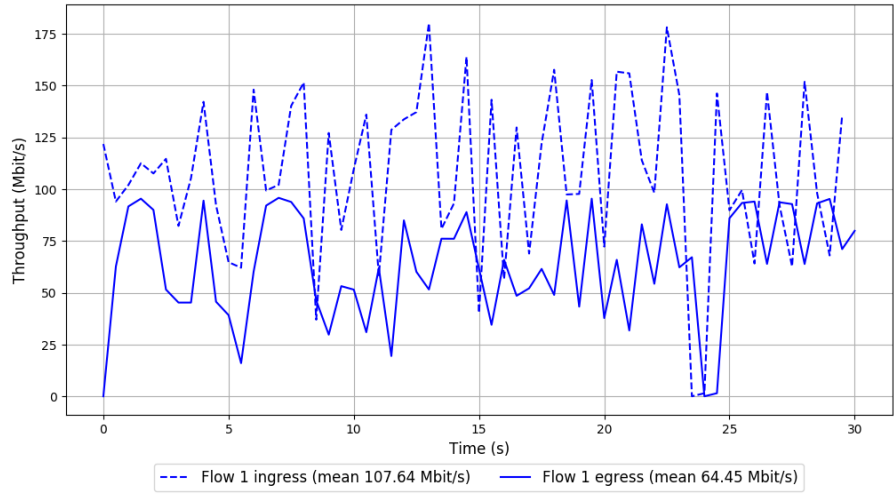


Run 1: Statistics of Verus

Start at: 2019-04-23 19:23:00
End at: 2019-04-23 19:23:30
Local clock offset: -0.012 ms
Remote clock offset: -4.055 ms

Below is generated by plot.py at 2019-04-23 21:18:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 64.45 Mbit/s
95th percentile per-packet one-way delay: 43.055 ms
Loss rate: 40.09%
-- Flow 1:
Average throughput: 64.45 Mbit/s
95th percentile per-packet one-way delay: 43.055 ms
Loss rate: 40.09%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2019-04-23 19:47:04

End at: 2019-04-23 19:47:34

Local clock offset: -1.402 ms

Remote clock offset: -5.57 ms

Below is generated by plot.py at 2019-04-23 21:18:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.40 Mbit/s

95th percentile per-packet one-way delay: 43.106 ms

Loss rate: 31.55%

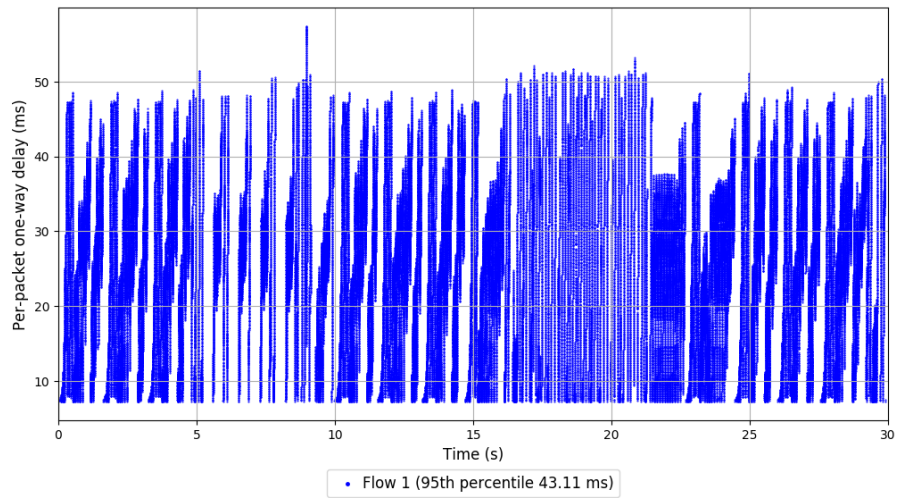
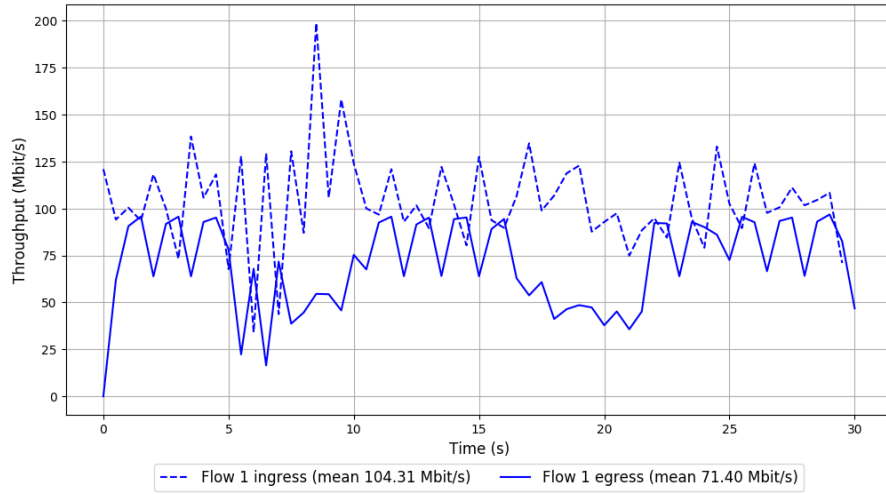
-- Flow 1:

Average throughput: 71.40 Mbit/s

95th percentile per-packet one-way delay: 43.106 ms

Loss rate: 31.55%

Run 2: Report of Verus — Data Link

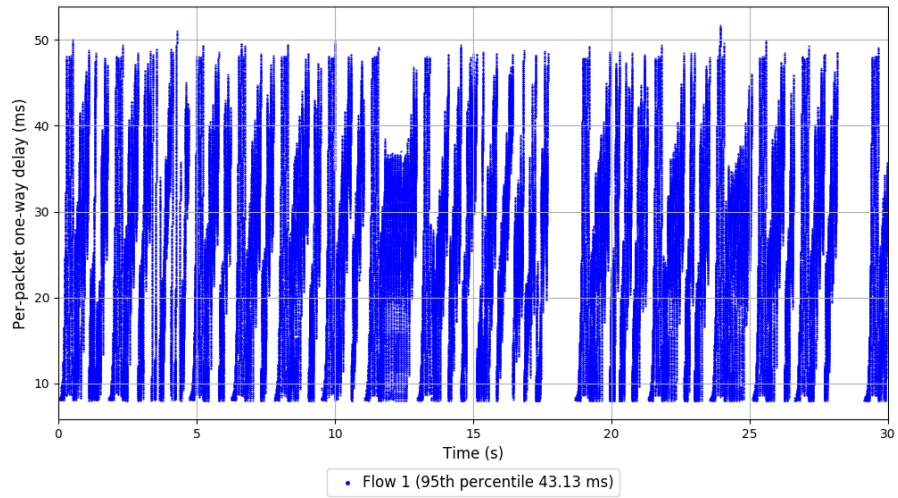
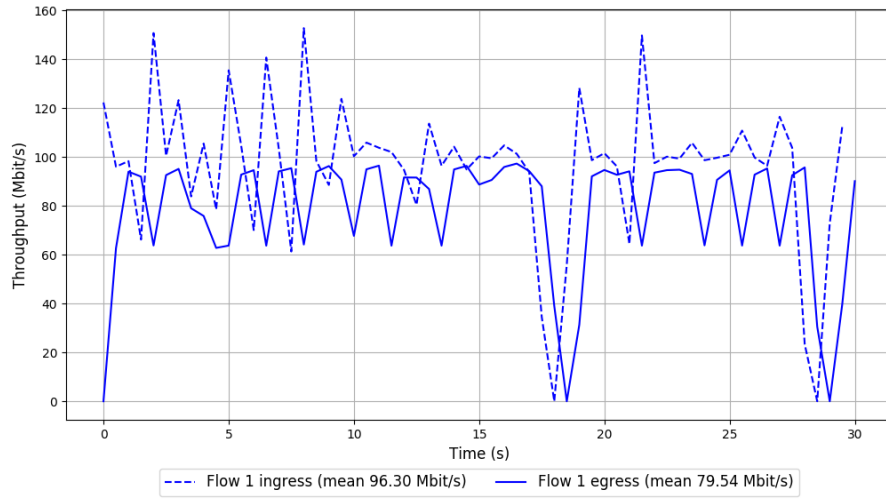


Run 3: Statistics of Verus

Start at: 2019-04-23 20:11:14
End at: 2019-04-23 20:11:44
Local clock offset: -1.935 ms
Remote clock offset: -2.874 ms

Below is generated by plot.py at 2019-04-23 21:18:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.54 Mbit/s
95th percentile per-packet one-way delay: 43.132 ms
Loss rate: 17.35%
-- Flow 1:
Average throughput: 79.54 Mbit/s
95th percentile per-packet one-way delay: 43.132 ms
Loss rate: 17.35%

Run 3: Report of Verus — Data Link

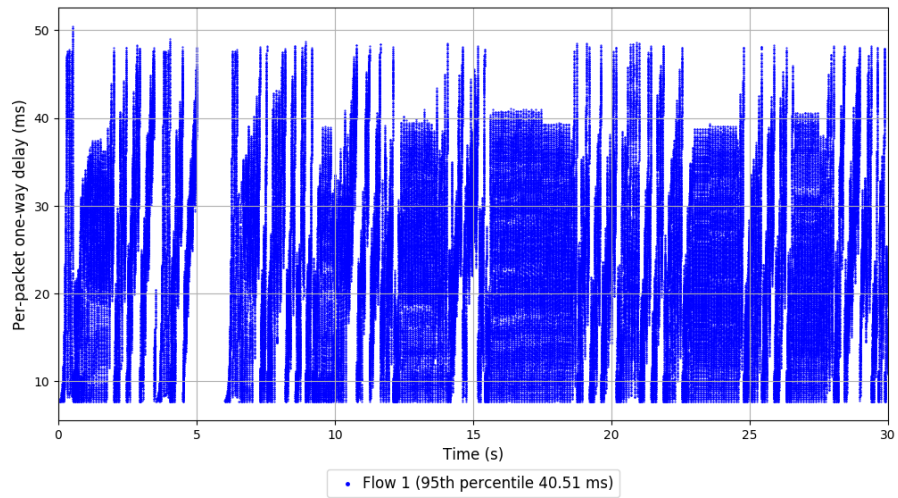
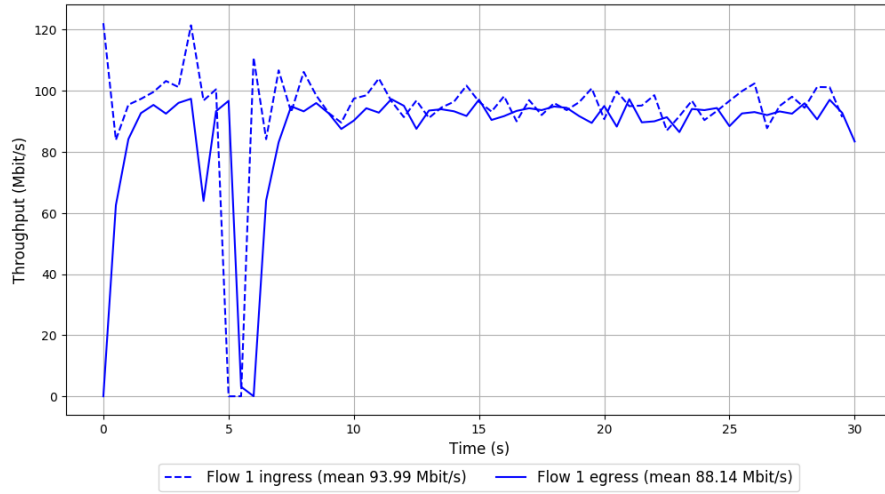


Run 4: Statistics of Verus

Start at: 2019-04-23 20:35:48
End at: 2019-04-23 20:36:18
Local clock offset: -1.114 ms
Remote clock offset: -4.283 ms

Below is generated by plot.py at 2019-04-23 21:18:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.14 Mbit/s
95th percentile per-packet one-way delay: 40.512 ms
Loss rate: 6.21%
-- Flow 1:
Average throughput: 88.14 Mbit/s
95th percentile per-packet one-way delay: 40.512 ms
Loss rate: 6.21%

Run 4: Report of Verus — Data Link

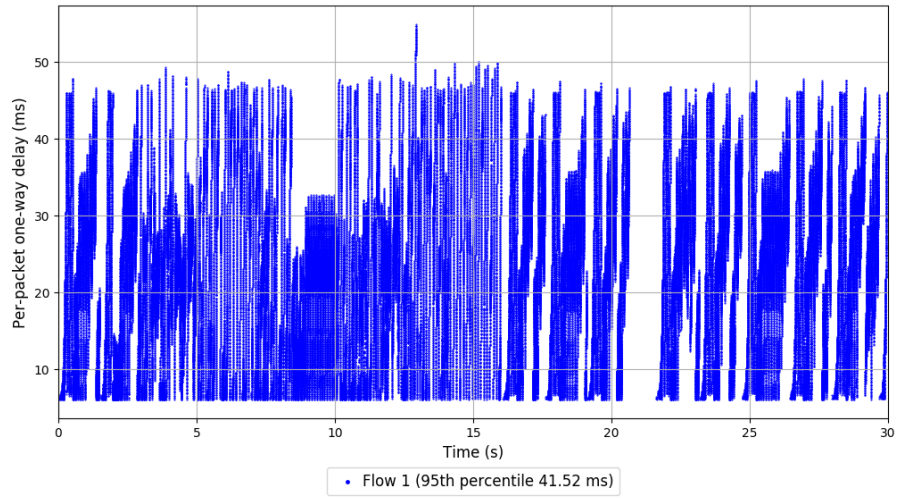
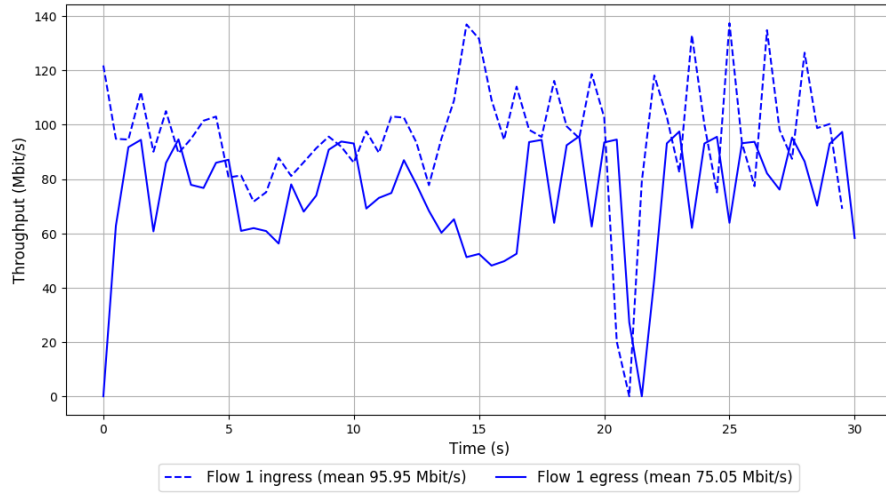


Run 5: Statistics of Verus

Start at: 2019-04-23 20:59:57
End at: 2019-04-23 21:00:27
Local clock offset: 0.949 ms
Remote clock offset: -7.266 ms

Below is generated by plot.py at 2019-04-23 21:18:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.05 Mbit/s
95th percentile per-packet one-way delay: 41.525 ms
Loss rate: 21.78%
-- Flow 1:
Average throughput: 75.05 Mbit/s
95th percentile per-packet one-way delay: 41.525 ms
Loss rate: 21.78%

Run 5: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2019-04-23 19:15:43

End at: 2019-04-23 19:16:13

Local clock offset: -1.145 ms

Remote clock offset: -2.615 ms

Below is generated by plot.py at 2019-04-23 21:18:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.21 Mbit/s

95th percentile per-packet one-way delay: 9.916 ms

Loss rate: 0.00%

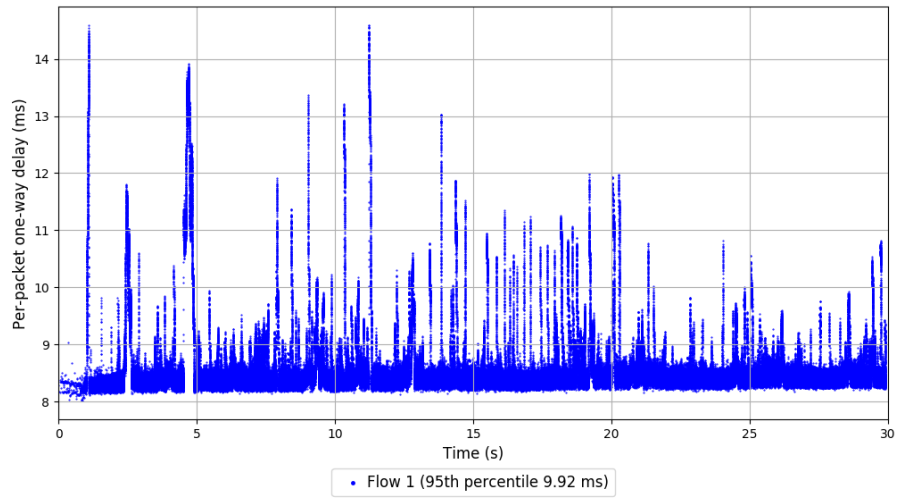
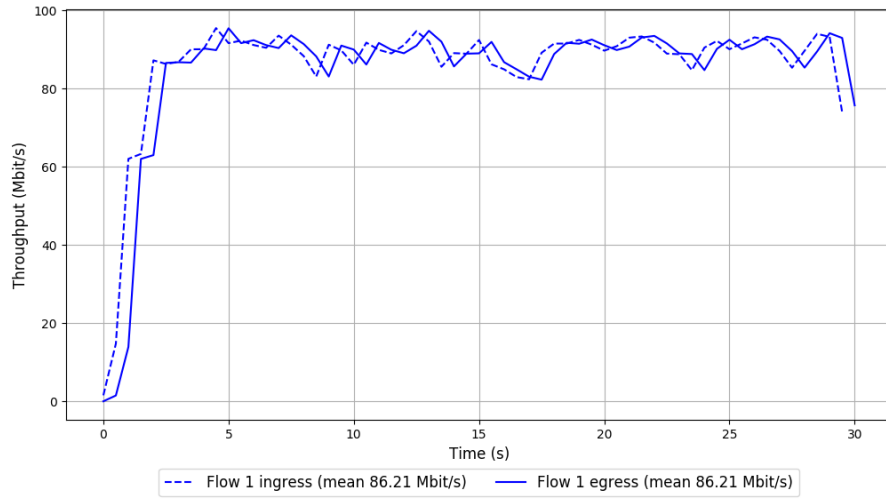
-- Flow 1:

Average throughput: 86.21 Mbit/s

95th percentile per-packet one-way delay: 9.916 ms

Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2019-04-23 19:40:05

End at: 2019-04-23 19:40:35

Local clock offset: -1.071 ms

Remote clock offset: -6.349 ms

Below is generated by plot.py at 2019-04-23 21:19:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.01 Mbit/s

95th percentile per-packet one-way delay: 7.058 ms

Loss rate: 0.00%

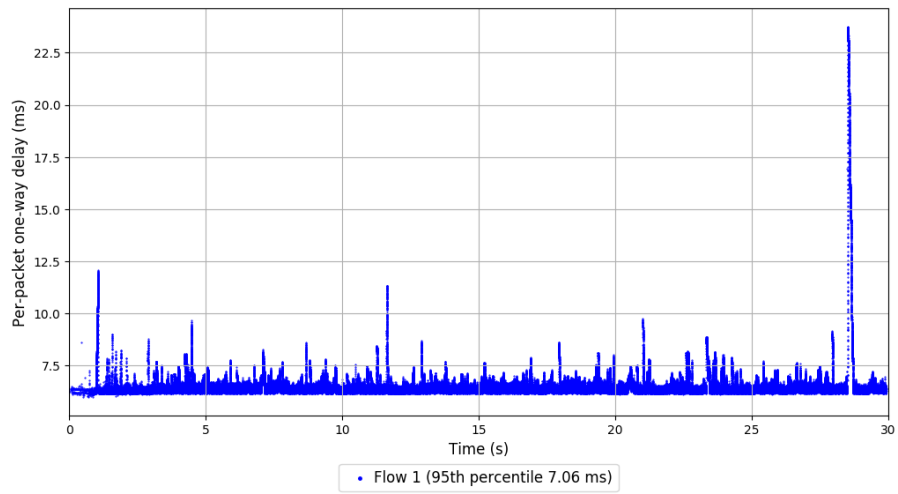
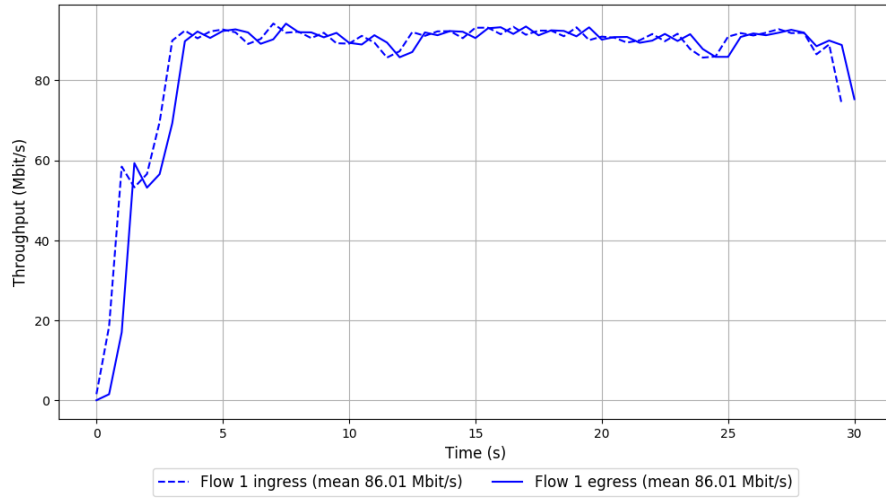
-- Flow 1:

Average throughput: 86.01 Mbit/s

95th percentile per-packet one-way delay: 7.058 ms

Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2019-04-23 20:04:05

End at: 2019-04-23 20:04:35

Local clock offset: -1.738 ms

Remote clock offset: -3.905 ms

Below is generated by plot.py at 2019-04-23 21:19:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.87 Mbit/s

95th percentile per-packet one-way delay: 9.861 ms

Loss rate: 0.02%

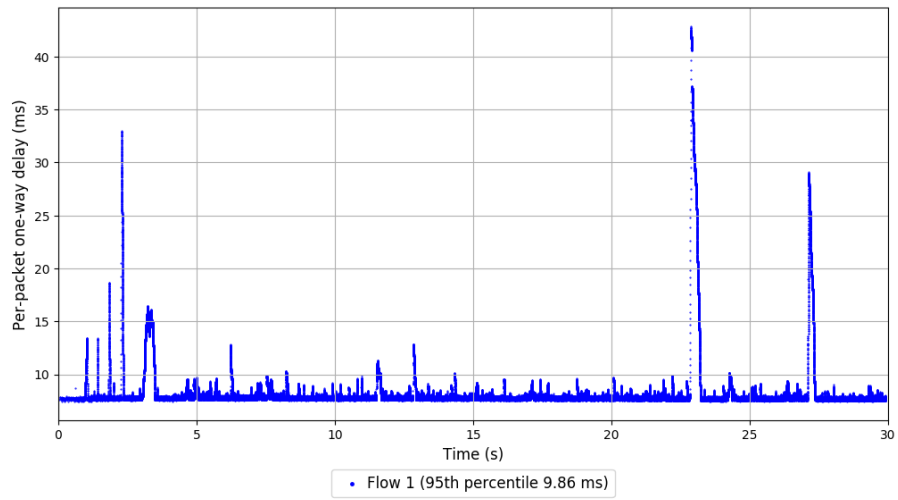
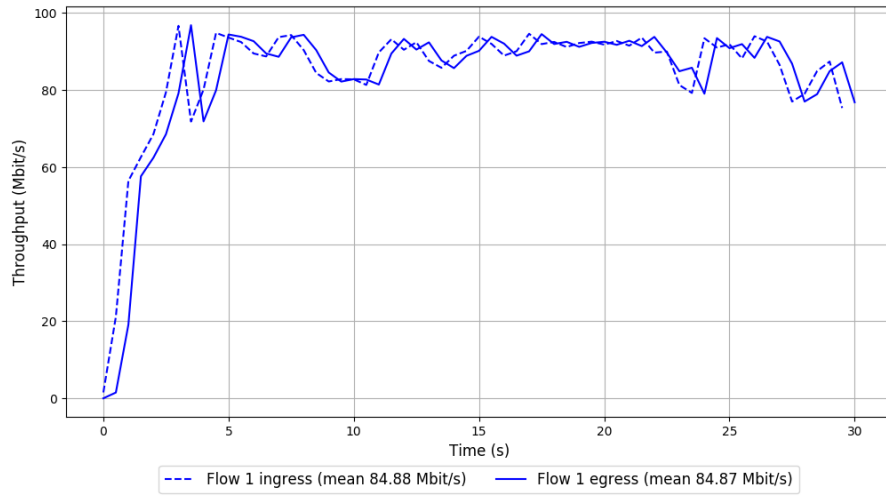
-- Flow 1:

Average throughput: 84.87 Mbit/s

95th percentile per-packet one-way delay: 9.861 ms

Loss rate: 0.02%

Run 3: Report of PCC-Vivace — Data Link



Run 4: Statistics of PCC-Vivace

Start at: 2019-04-23 20:28:24

End at: 2019-04-23 20:28:54

Local clock offset: -1.088 ms

Remote clock offset: -3.629 ms

Below is generated by plot.py at 2019-04-23 21:19:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.35 Mbit/s

95th percentile per-packet one-way delay: 8.861 ms

Loss rate: 0.00%

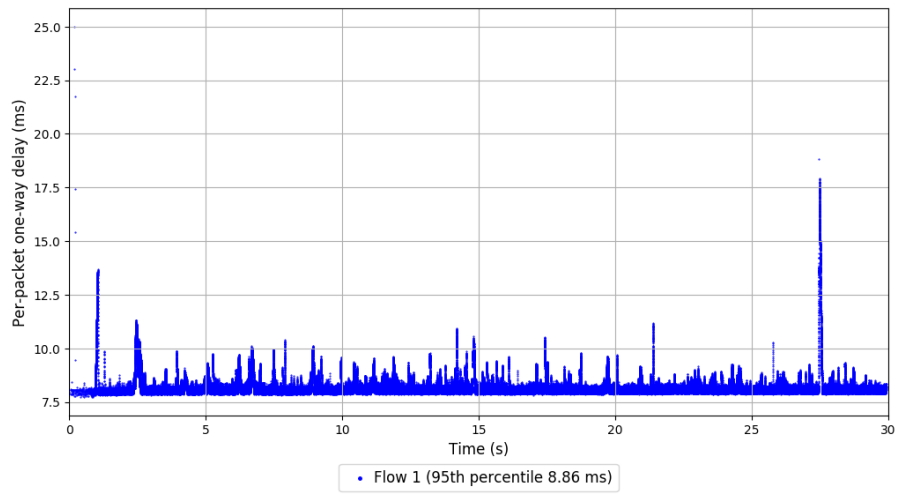
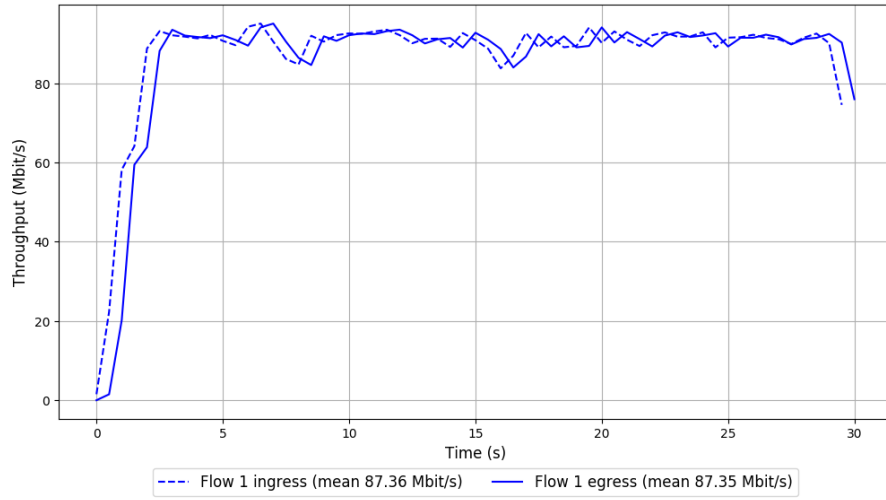
-- Flow 1:

Average throughput: 87.35 Mbit/s

95th percentile per-packet one-way delay: 8.861 ms

Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2019-04-23 20:52:53

End at: 2019-04-23 20:53:23

Local clock offset: 0.961 ms

Remote clock offset: -6.956 ms

Below is generated by plot.py at 2019-04-23 21:19:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.45 Mbit/s

95th percentile per-packet one-way delay: 6.347 ms

Loss rate: 0.00%

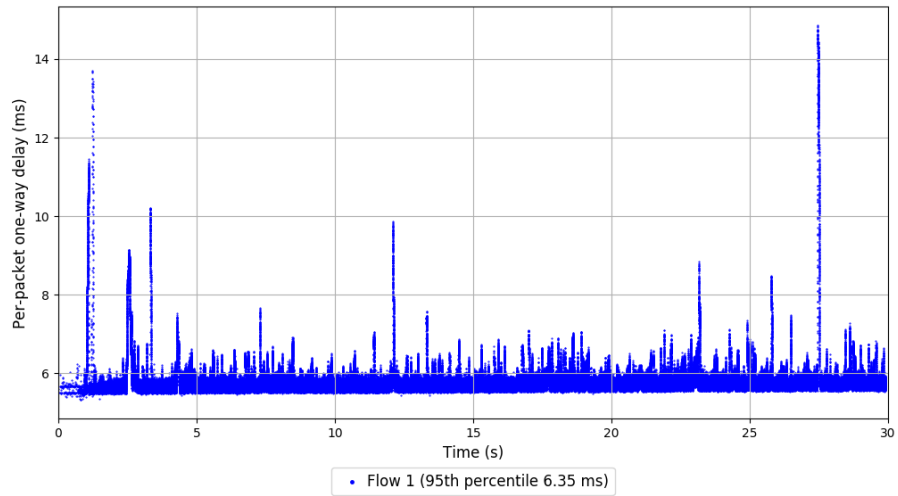
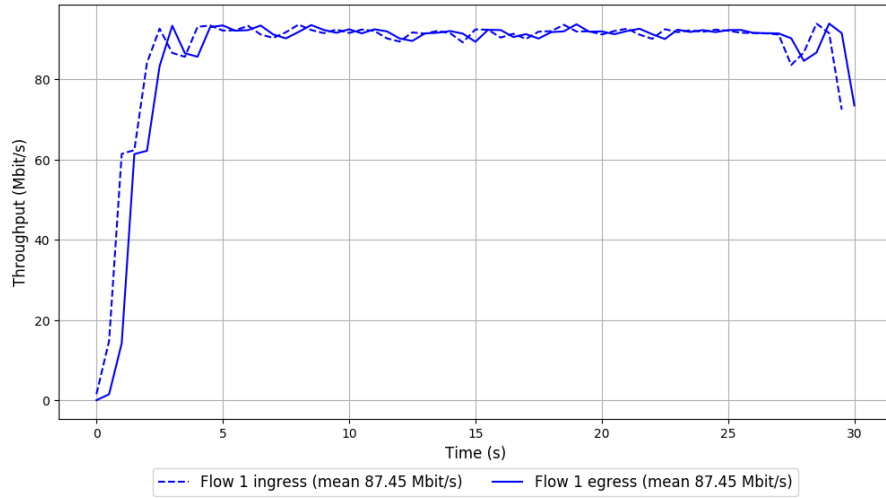
-- Flow 1:

Average throughput: 87.45 Mbit/s

95th percentile per-packet one-way delay: 6.347 ms

Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link

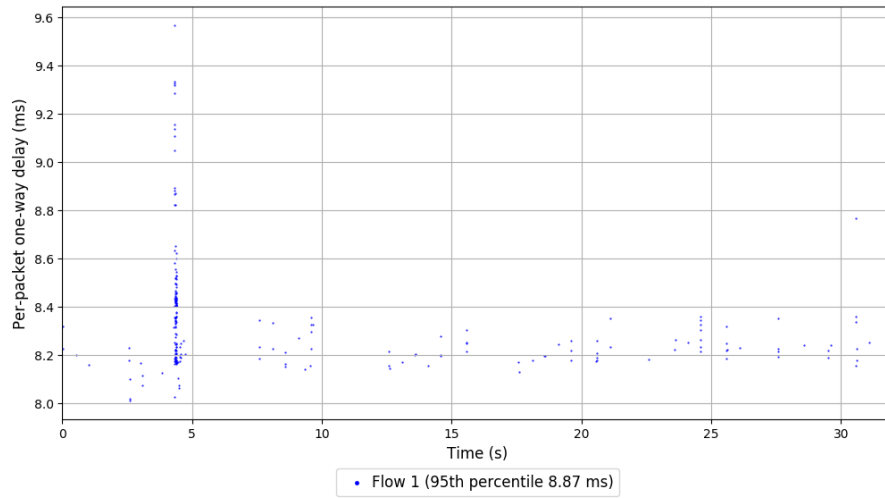
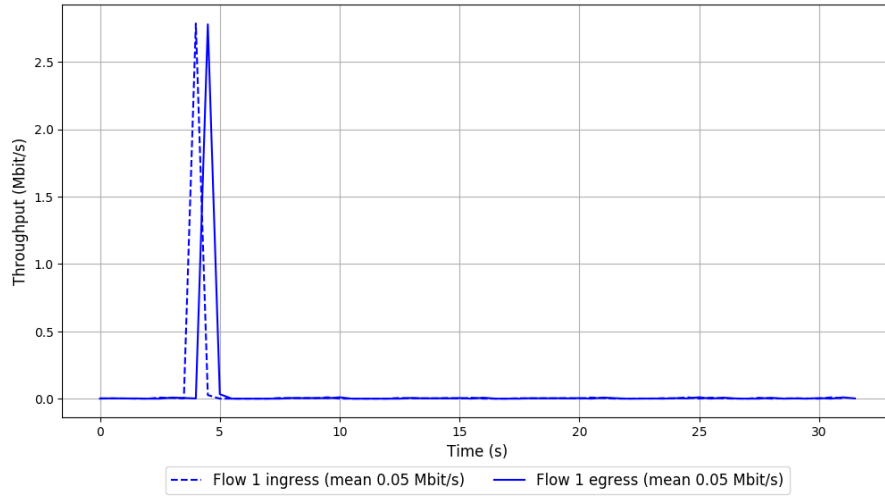


Run 1: Statistics of WebRTC media

Start at: 2019-04-23 19:14:39
End at: 2019-04-23 19:15:09
Local clock offset: -0.904 ms
Remote clock offset: -2.201 ms

Below is generated by plot.py at 2019-04-23 21:19:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 8.870 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 8.870 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

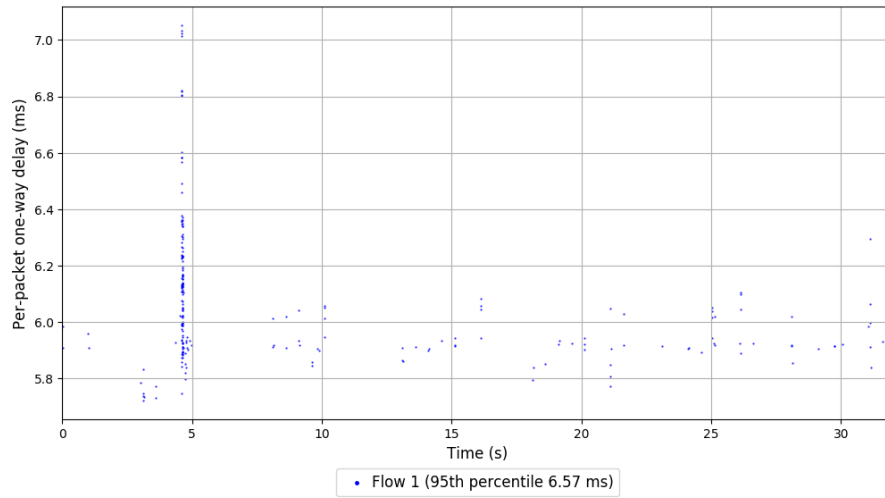
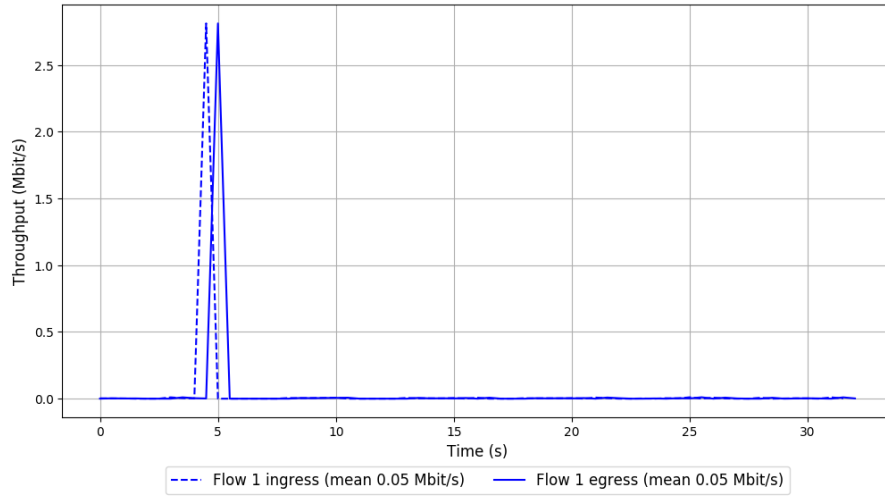


Run 2: Statistics of WebRTC media

Start at: 2019-04-23 19:39:00
End at: 2019-04-23 19:39:30
Local clock offset: -0.848 ms
Remote clock offset: -6.428 ms

Below is generated by plot.py at 2019-04-23 21:19:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 6.568 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 6.568 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

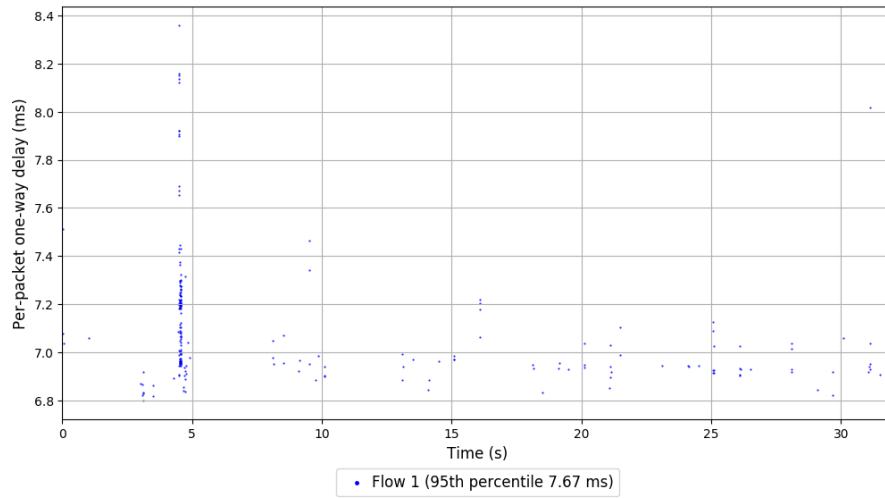
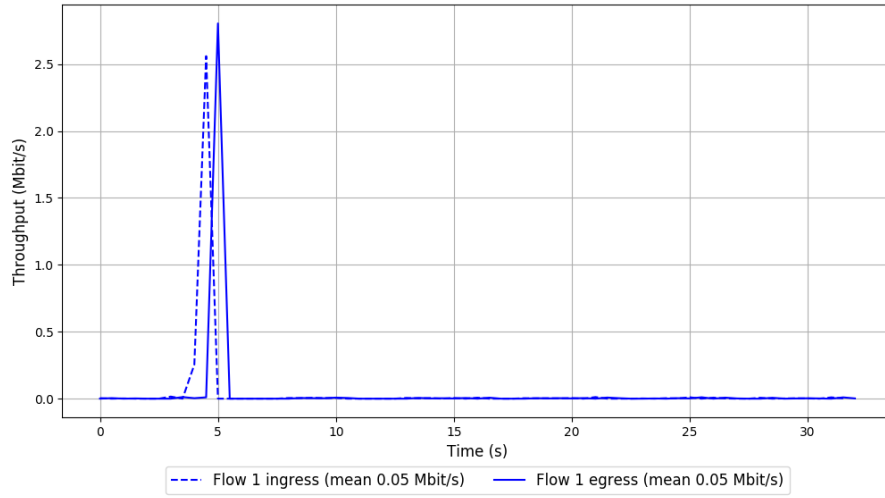


Run 3: Statistics of WebRTC media

Start at: 2019-04-23 20:03:00
End at: 2019-04-23 20:03:30
Local clock offset: -1.301 ms
Remote clock offset: -4.407 ms

Below is generated by plot.py at 2019-04-23 21:19:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 7.673 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 7.673 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

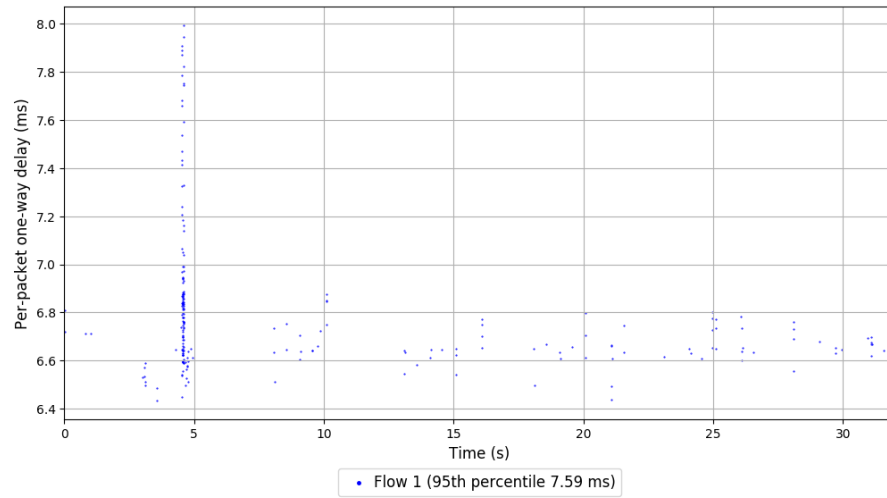
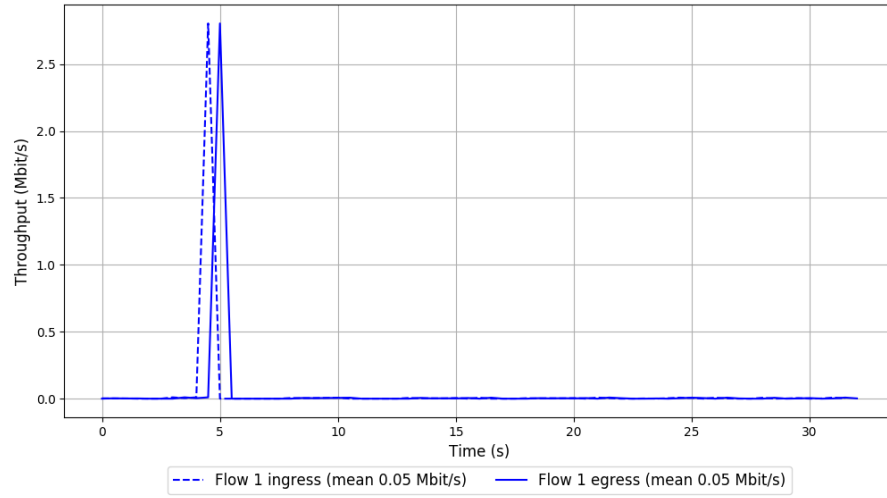


Run 4: Statistics of WebRTC media

Start at: 2019-04-23 20:27:20
End at: 2019-04-23 20:27:50
Local clock offset: -1.331 ms
Remote clock offset: -5.049 ms

```
# Below is generated by plot.py at 2019-04-23 21:19:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 7.594 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 7.594 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-04-23 20:51:48
End at: 2019-04-23 20:52:18
Local clock offset: -4.446 ms
Remote clock offset: -10.232 ms

Below is generated by plot.py at 2019-04-23 21:19:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 8.065 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 8.065 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

