

Pantheon Report

Generated at 2019-04-23 21:19:50 (UTC).

Data path: AWS Korea on *ens5 (local)* → China on *eno1 (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 *ntp.nict.jp* and have been applied to correct the timestamps in logs.

System info:

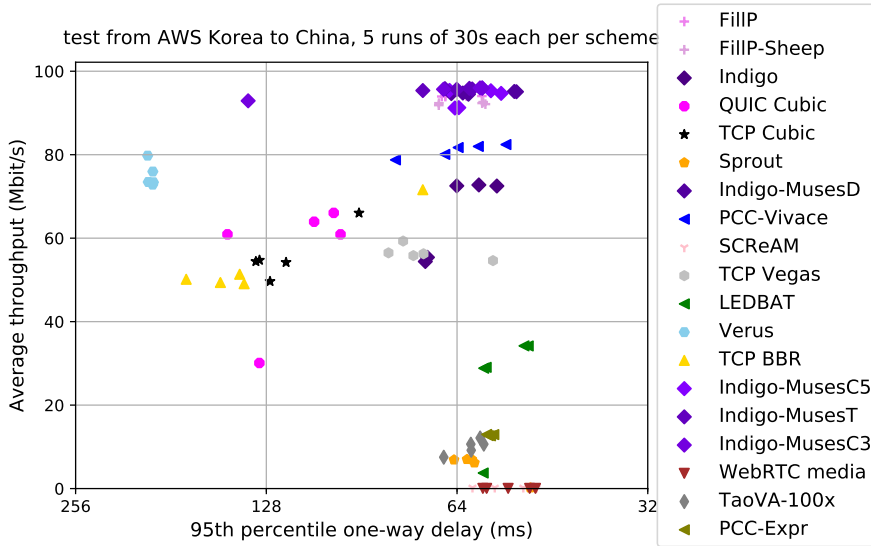
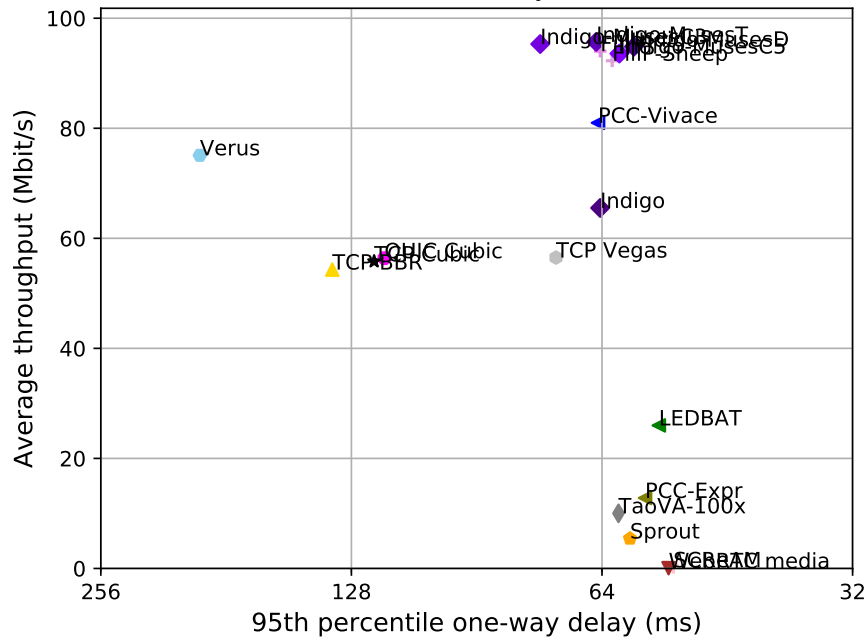
```
Linux 4.15.0-1034-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

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 Korea to China, 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	54.32	134.95	9.96
Copa	0	N/A	N/A	N/A
TCP Cubic	5	55.80	120.19	0.82
FillP	5	94.02	64.30	0.48
FillP-Sheep	5	92.27	62.22	0.58
Indigo	5	65.52	64.33	3.05
Indigo-MusesC3	5	95.31	75.93	0.09
Indigo-MusesC5	5	93.58	61.00	0.02
Indigo-MusesD	5	94.83	58.59	0.02
Indigo-MusesT	5	95.70	65.03	0.72
LEDBAT	5	26.00	54.69	0.06
PCC-Allegro	0	N/A	N/A	N/A
PCC-Expr	4	12.81	56.82	46.22
QUIC Cubic	5	56.39	116.84	0.04
SReAM	5	0.22	52.54	0.00
Sprout	5	5.45	59.23	0.02
TaoVA-100x	5	10.02	61.15	58.57
TCP Vegas	5	56.50	72.68	0.83
Verus	5	75.08	194.66	14.91
PCC-Vivace	5	80.99	64.71	0.02
WebRTC media	5	0.05	53.24	0.00

Run 1: Statistics of TCP BBR

Start at: 2019-04-23 19:20:49

End at: 2019-04-23 19:21:19

Local clock offset: 7.889 ms

Remote clock offset: -9.749 ms

Below is generated by plot.py at 2019-04-23 21:11:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.09 Mbit/s

95th percentile per-packet one-way delay: 138.753 ms

Loss rate: 11.28%

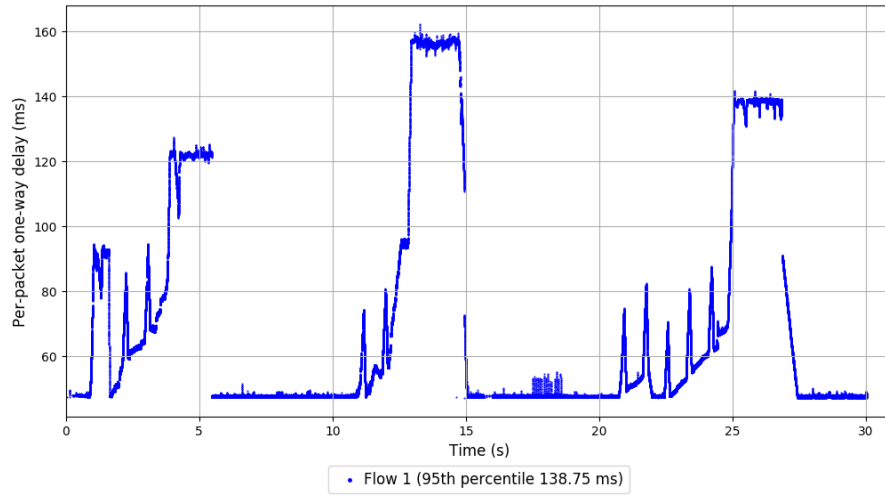
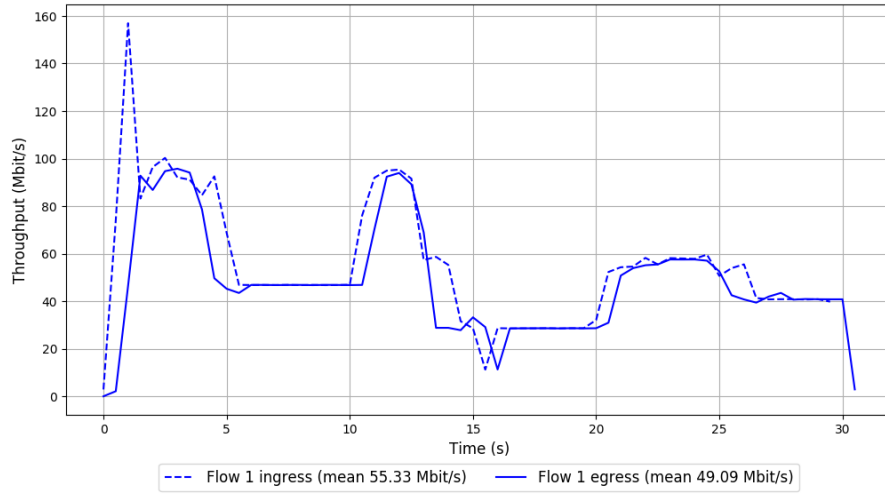
-- Flow 1:

Average throughput: 49.09 Mbit/s

95th percentile per-packet one-way delay: 138.753 ms

Loss rate: 11.28%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2019-04-23 19:45:36

End at: 2019-04-23 19:46:06

Local clock offset: 2.083 ms

Remote clock offset: -8.546 ms

Below is generated by plot.py at 2019-04-23 21:11:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.38 Mbit/s

95th percentile per-packet one-way delay: 151.243 ms

Loss rate: 9.27%

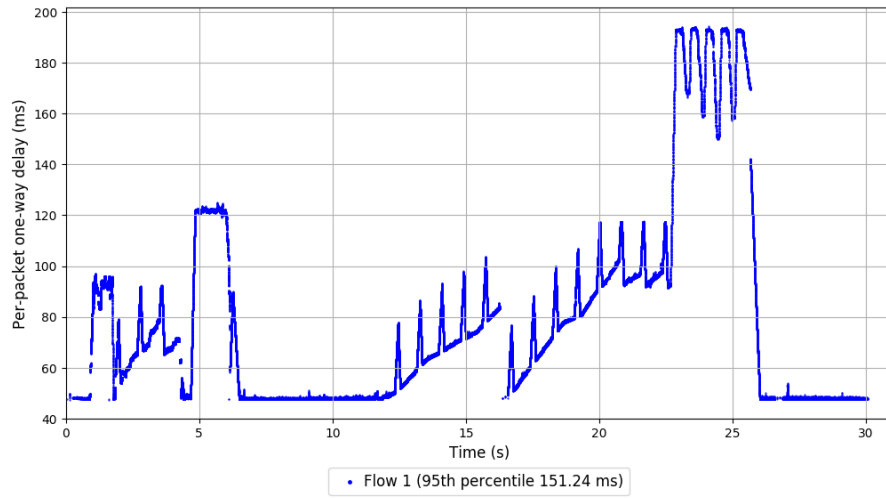
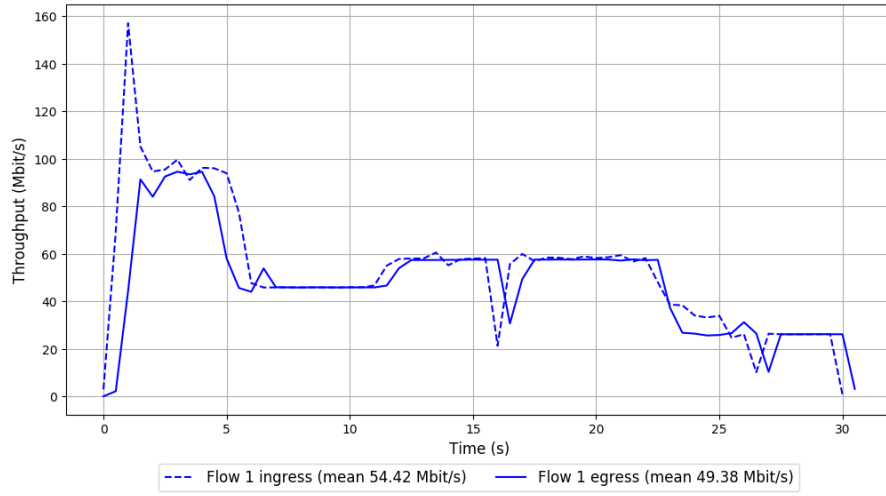
-- Flow 1:

Average throughput: 49.38 Mbit/s

95th percentile per-packet one-way delay: 151.243 ms

Loss rate: 9.27%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2019-04-23 20:11:02

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

Local clock offset: 3.92 ms

Remote clock offset: -7.763 ms

Below is generated by plot.py at 2019-04-23 21:11:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.61 Mbit/s

95th percentile per-packet one-way delay: 72.480 ms

Loss rate: 10.01%

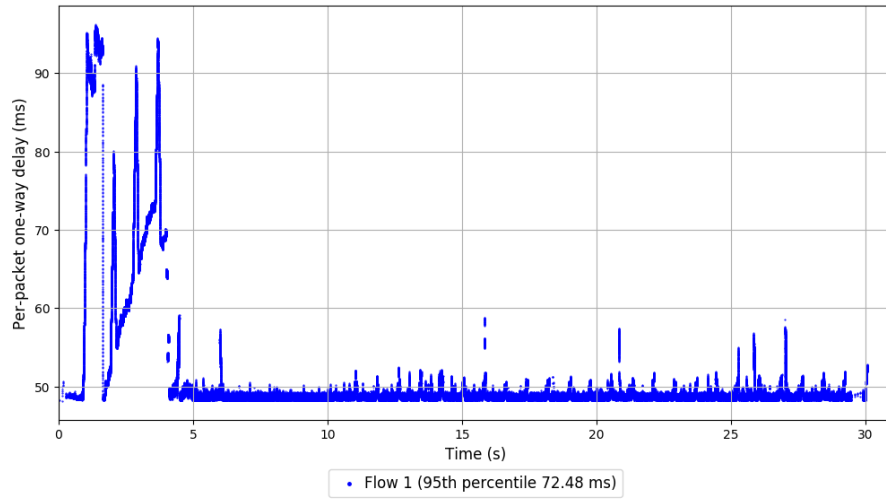
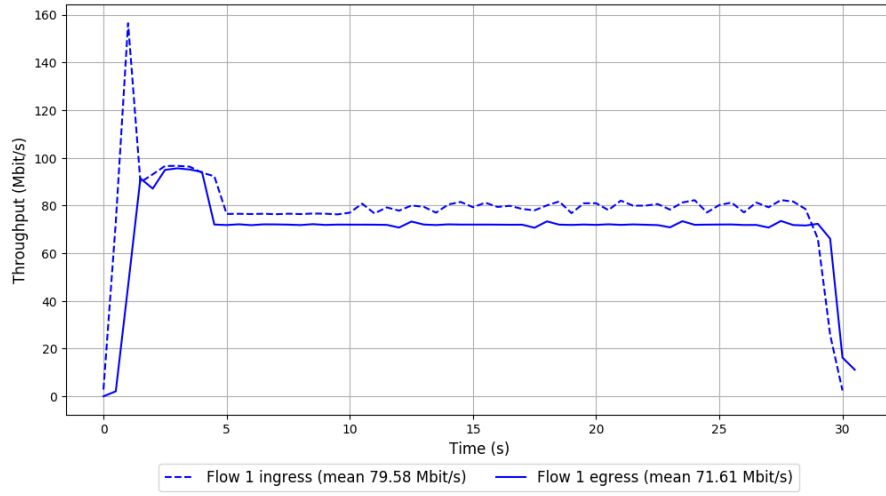
-- Flow 1:

Average throughput: 71.61 Mbit/s

95th percentile per-packet one-way delay: 72.480 ms

Loss rate: 10.01%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2019-04-23 20:35:48

End at: 2019-04-23 20:36:18

Local clock offset: 11.651 ms

Remote clock offset: -7.14 ms

Below is generated by plot.py at 2019-04-23 21:11:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 51.36 Mbit/s

95th percentile per-packet one-way delay: 141.015 ms

Loss rate: 9.06%

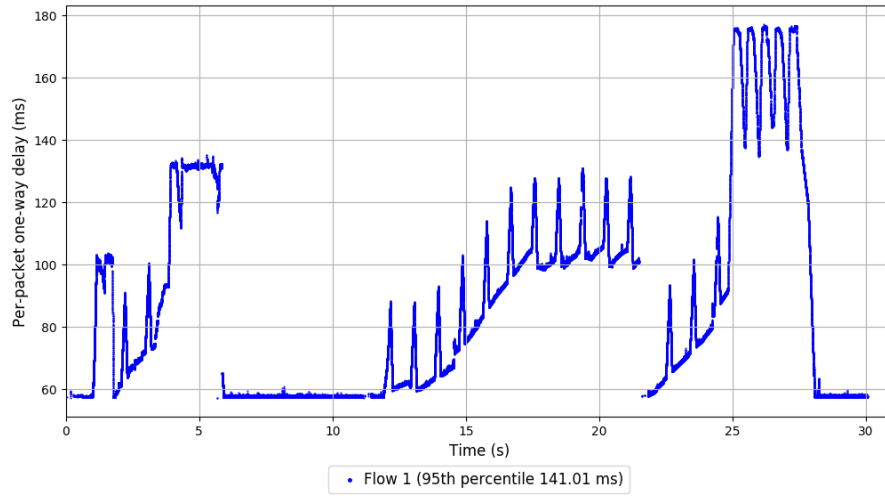
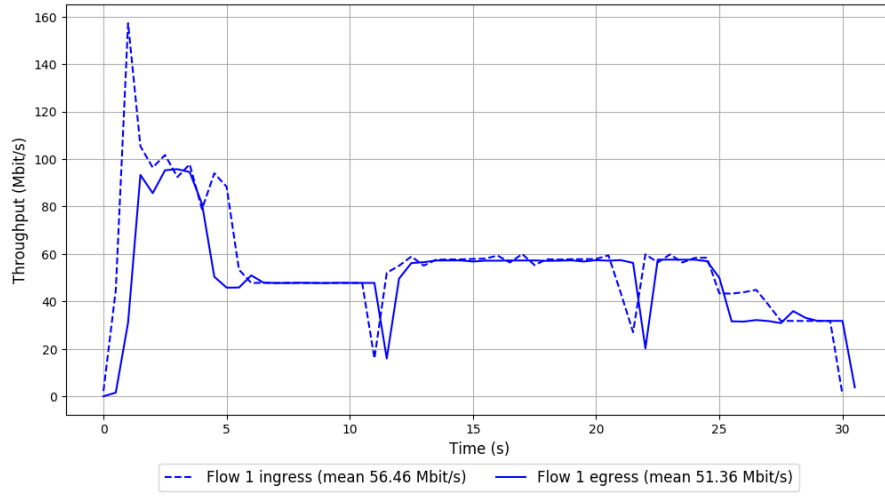
-- Flow 1:

Average throughput: 51.36 Mbit/s

95th percentile per-packet one-way delay: 141.015 ms

Loss rate: 9.06%

Run 4: Report of TCP BBR — Data Link

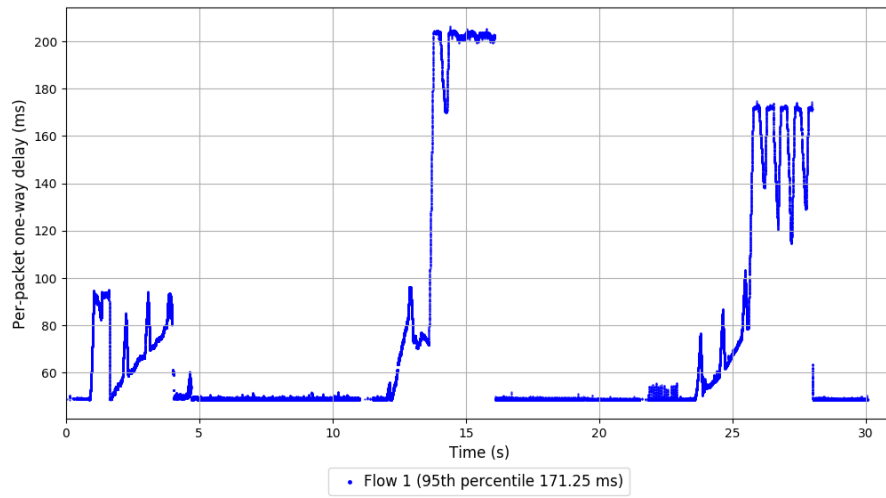
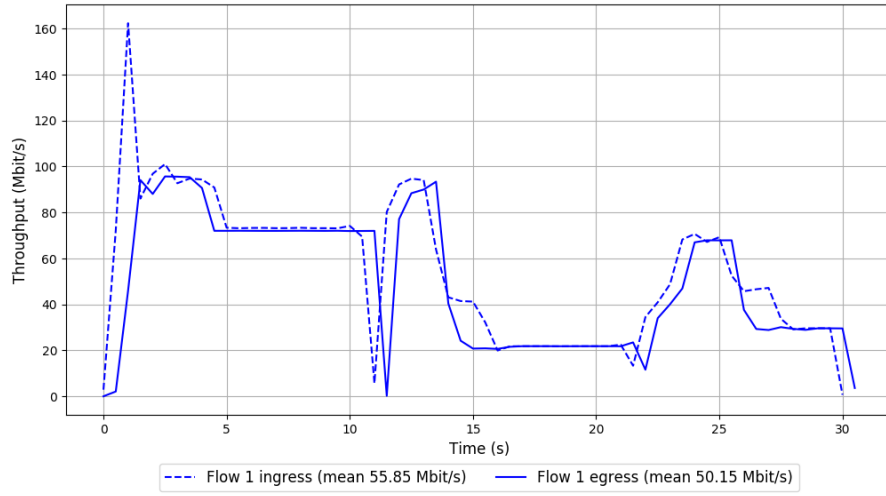


Run 5: Statistics of TCP BBR

Start at: 2019-04-23 21:00:33
End at: 2019-04-23 21:01:03
Local clock offset: -2.861 ms
Remote clock offset: -6.867 ms

Below is generated by plot.py at 2019-04-23 21:11:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.15 Mbit/s
95th percentile per-packet one-way delay: 171.254 ms
Loss rate: 10.20%
-- Flow 1:
Average throughput: 50.15 Mbit/s
95th percentile per-packet one-way delay: 171.254 ms
Loss rate: 10.20%

Run 5: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

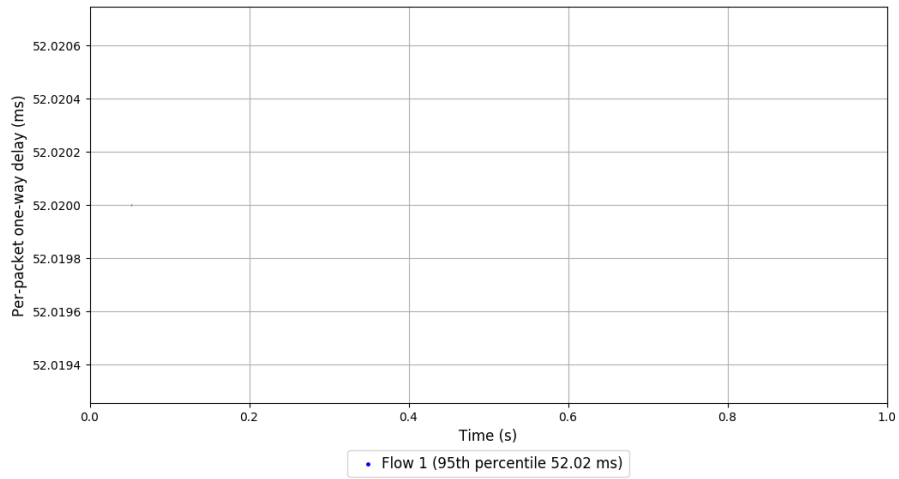
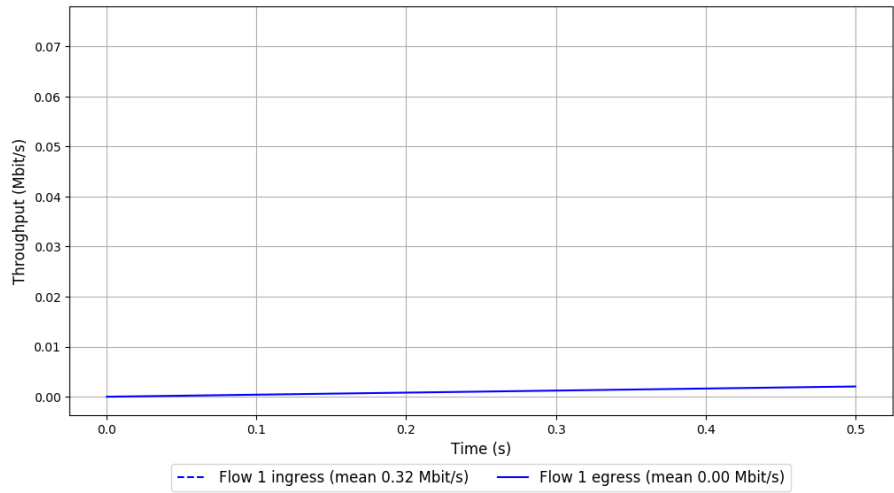
Start at: 2019-04-23 19:22:00

End at: 2019-04-23 19:22:30

Local clock offset: 7.01 ms

Remote clock offset: -6.017 ms

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

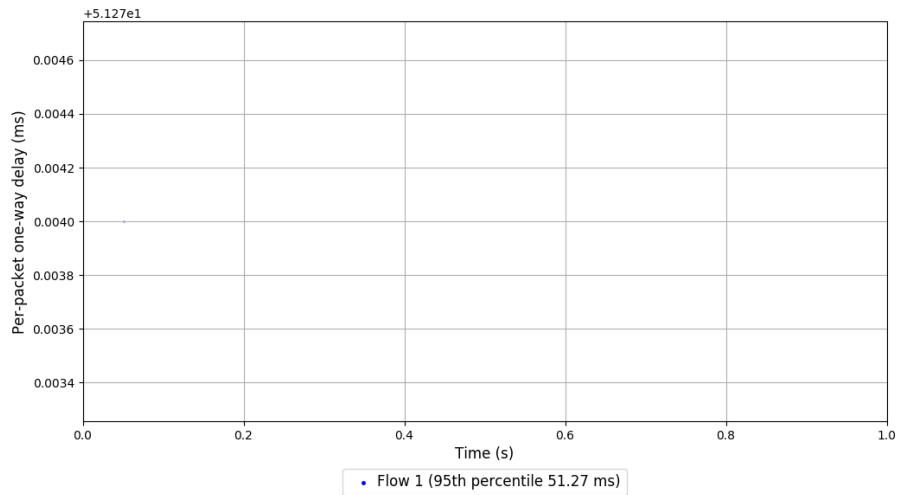
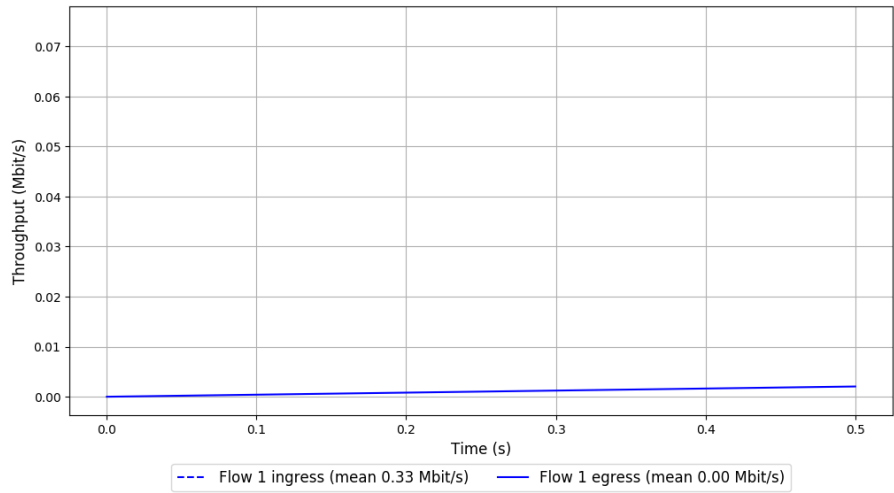
Start at: 2019-04-23 19:46:47

End at: 2019-04-23 19:47:17

Local clock offset: 2.306 ms

Remote clock offset: -4.842 ms

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

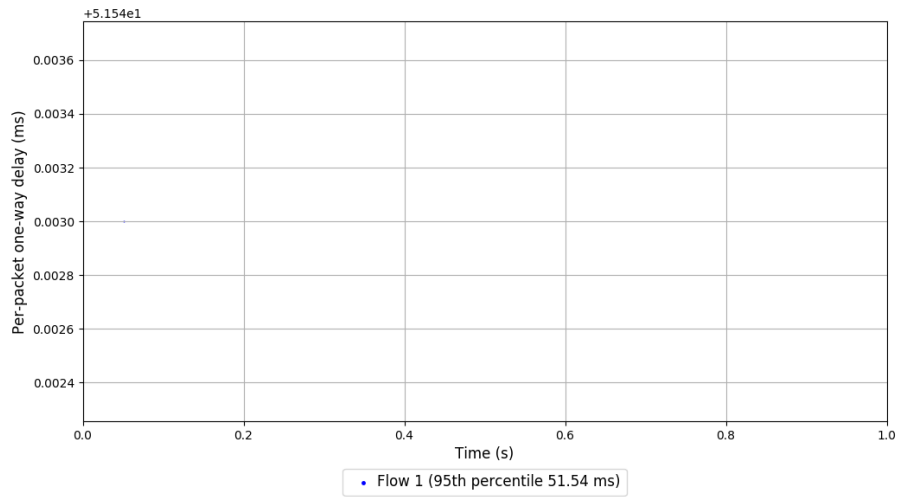
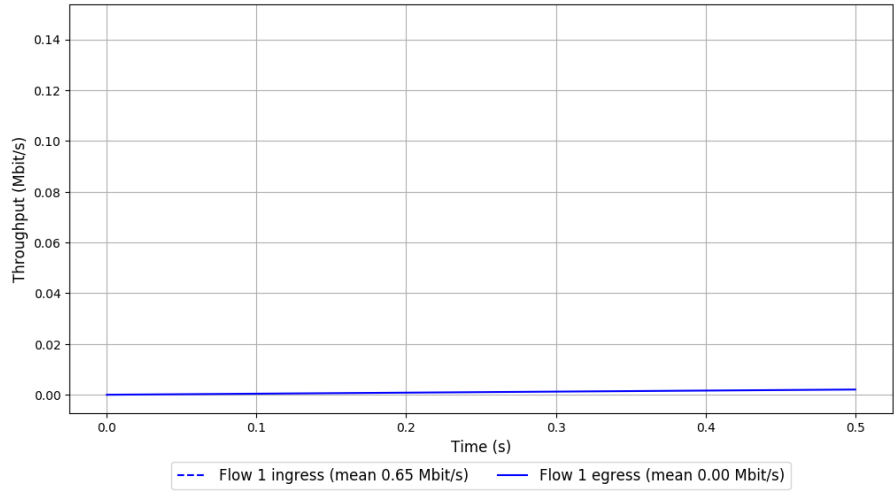
Start at: 2019-04-23 20:12:15

End at: 2019-04-23 20:12:45

Local clock offset: 3.704 ms

Remote clock offset: -4.165 ms

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

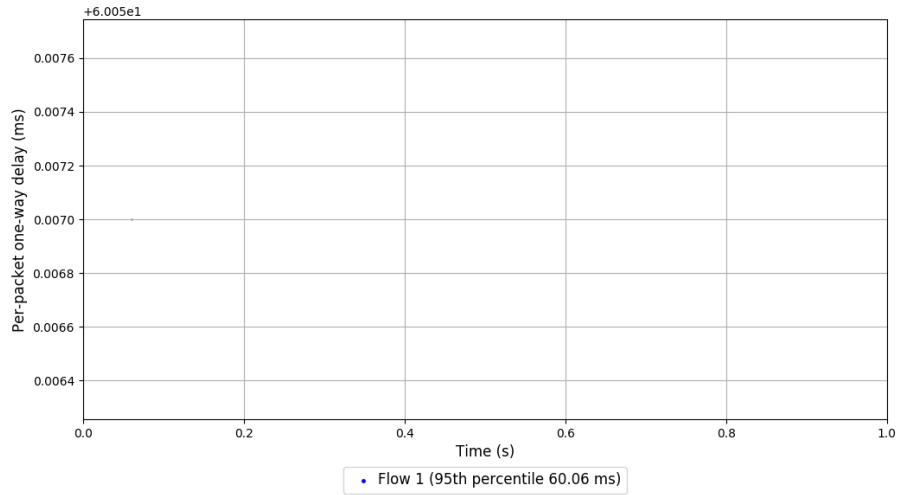
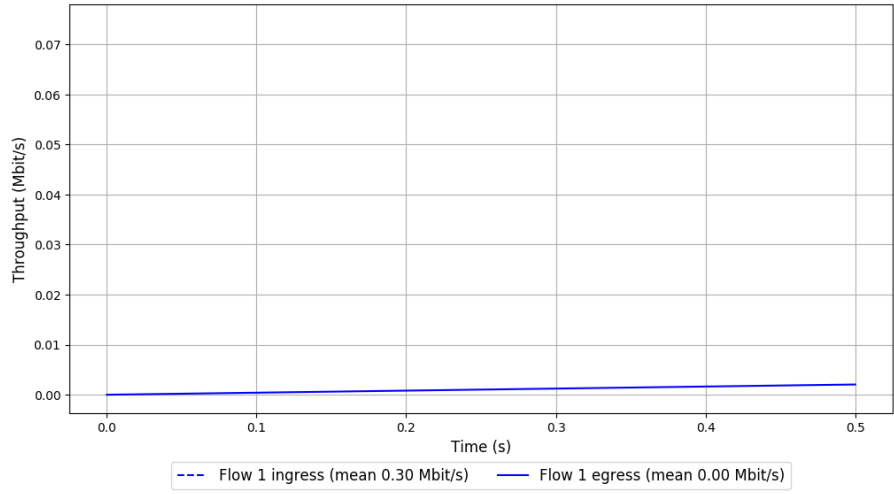
Start at: 2019-04-23 20:37:00

End at: 2019-04-23 20:37:30

Local clock offset: 12.092 ms

Remote clock offset: -4.191 ms

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

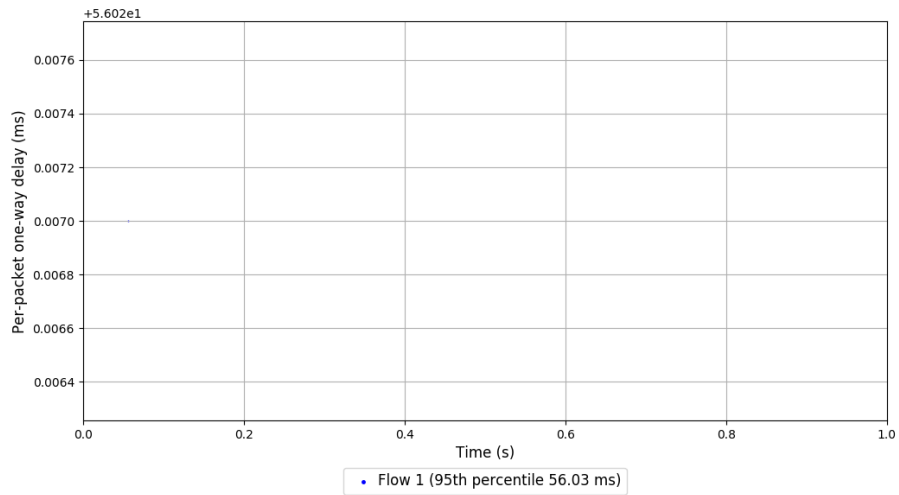
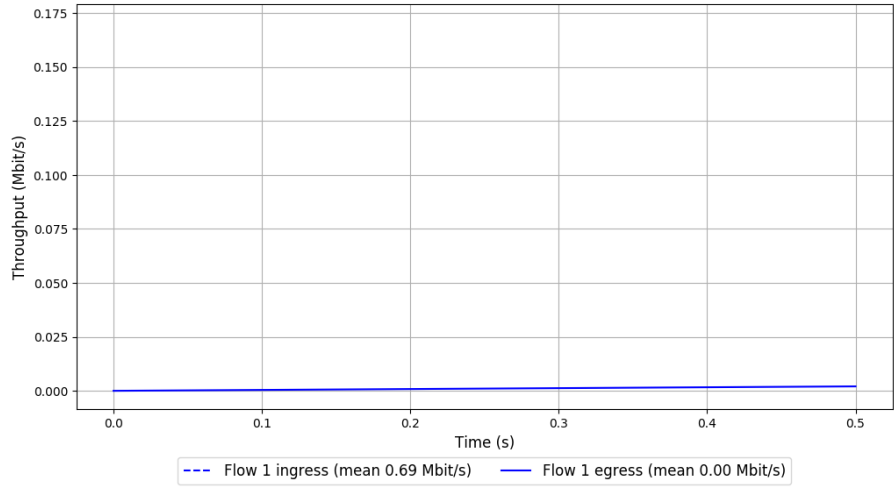
Start at: 2019-04-23 21:01:44

End at: 2019-04-23 21:02:14

Local clock offset: -3.293 ms

Remote clock offset: -7.837 ms

Run 5: Report of Copa — Data Link

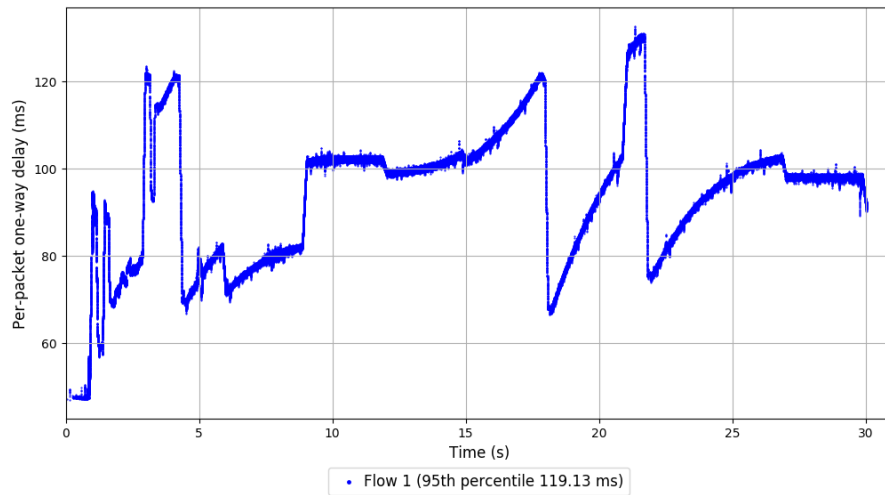
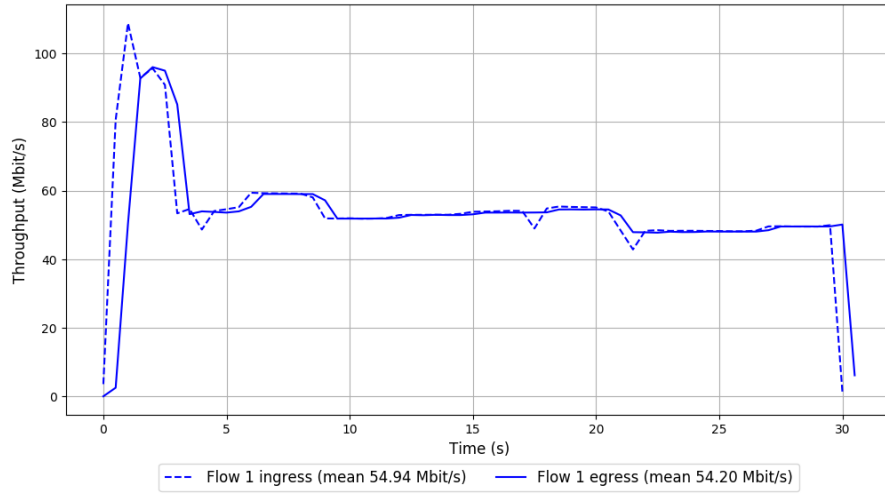


Run 1: Statistics of TCP Cubic

Start at: 2019-04-23 19:19:38
End at: 2019-04-23 19:20:08
Local clock offset: 8.945 ms
Remote clock offset: -10.261 ms

Below is generated by plot.py at 2019-04-23 21:11:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 54.20 Mbit/s
95th percentile per-packet one-way delay: 119.134 ms
Loss rate: 1.34%
-- Flow 1:
Average throughput: 54.20 Mbit/s
95th percentile per-packet one-way delay: 119.134 ms
Loss rate: 1.34%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2019-04-23 19:44:24

End at: 2019-04-23 19:44:54

Local clock offset: 2.1 ms

Remote clock offset: -8.265 ms

Below is generated by plot.py at 2019-04-23 21:11:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.04 Mbit/s

95th percentile per-packet one-way delay: 91.389 ms

Loss rate: 0.80%

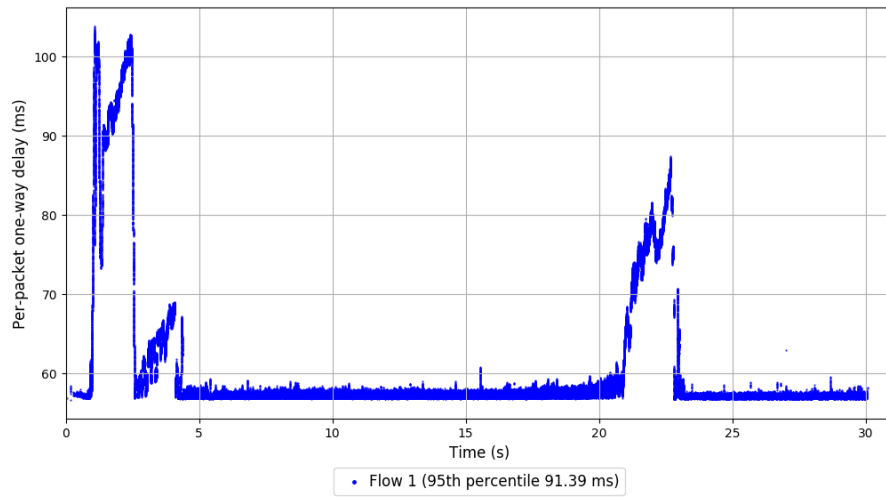
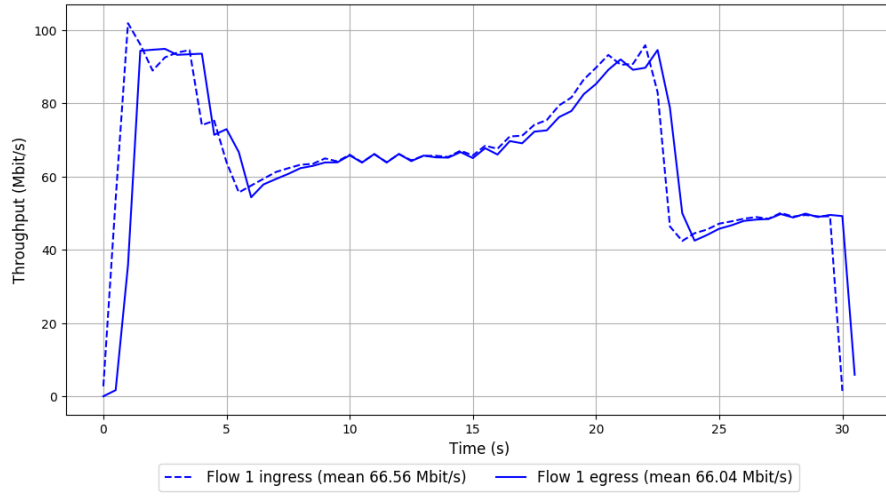
-- Flow 1:

Average throughput: 66.04 Mbit/s

95th percentile per-packet one-way delay: 91.389 ms

Loss rate: 0.80%

Run 2: Report of TCP Cubic — Data Link

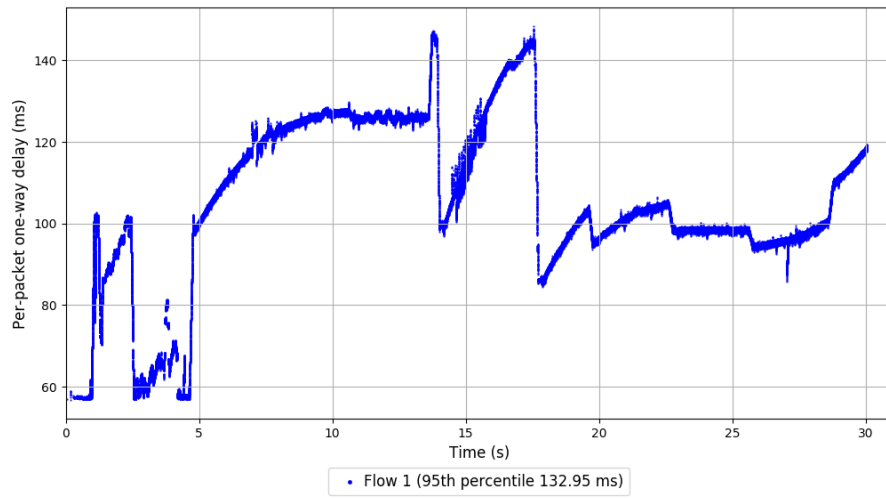
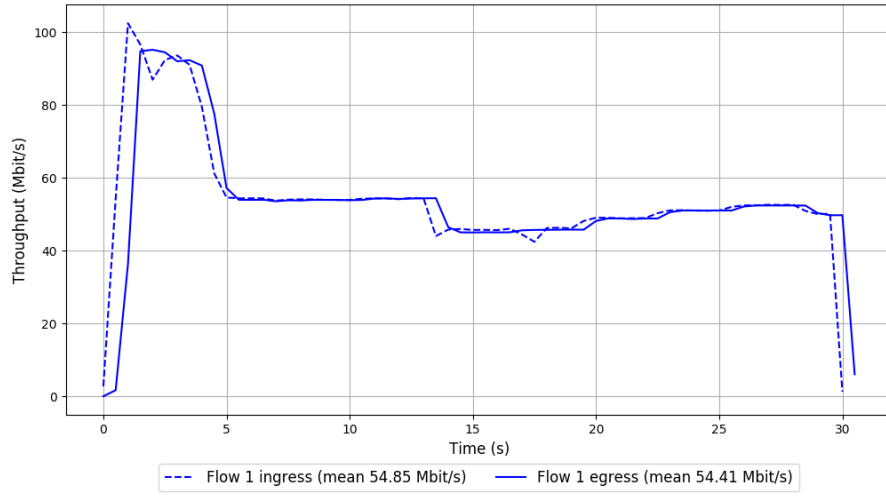


Run 3: Statistics of TCP Cubic

Start at: 2019-04-23 20:09:45
End at: 2019-04-23 20:10:15
Local clock offset: 3.658 ms
Remote clock offset: -7.877 ms

Below is generated by plot.py at 2019-04-23 21:11:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 54.41 Mbit/s
95th percentile per-packet one-way delay: 132.947 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 54.41 Mbit/s
95th percentile per-packet one-way delay: 132.947 ms
Loss rate: 0.82%

Run 3: Report of TCP Cubic — Data Link

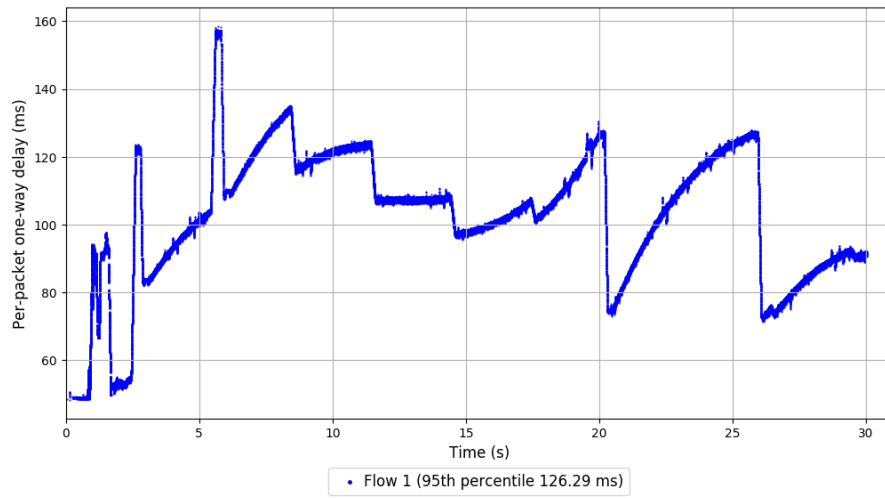
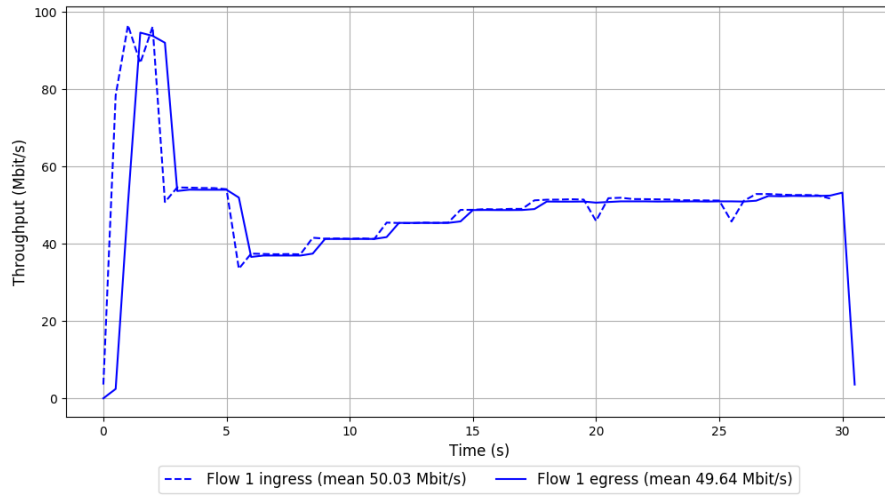


Run 4: Statistics of TCP Cubic

Start at: 2019-04-23 20:34:38
End at: 2019-04-23 20:35:08
Local clock offset: 11.418 ms
Remote clock offset: -7.665 ms

Below is generated by plot.py at 2019-04-23 21:11:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.64 Mbit/s
95th percentile per-packet one-way delay: 126.292 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 49.64 Mbit/s
95th percentile per-packet one-way delay: 126.292 ms
Loss rate: 0.78%

Run 4: Report of TCP Cubic — Data Link

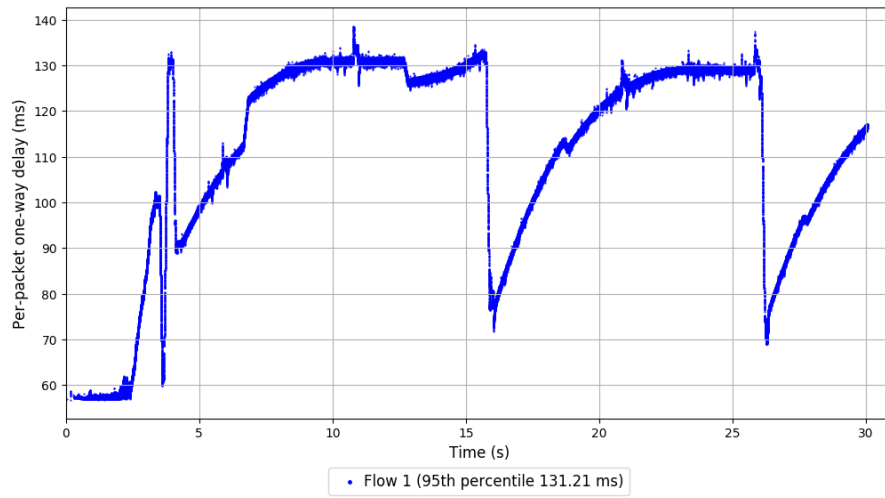
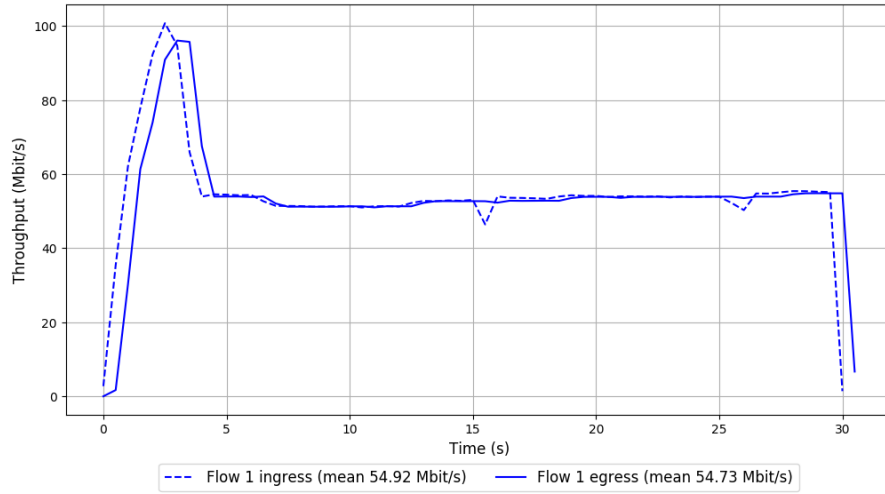


Run 5: Statistics of TCP Cubic

Start at: 2019-04-23 20:59:22
End at: 2019-04-23 20:59:52
Local clock offset: -2.299 ms
Remote clock offset: -7.008 ms

```
# Below is generated by plot.py at 2019-04-23 21:12:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.73 Mbit/s
95th percentile per-packet one-way delay: 131.212 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 54.73 Mbit/s
95th percentile per-packet one-way delay: 131.212 ms
Loss rate: 0.37%
```

Run 5: Report of TCP Cubic — Data Link

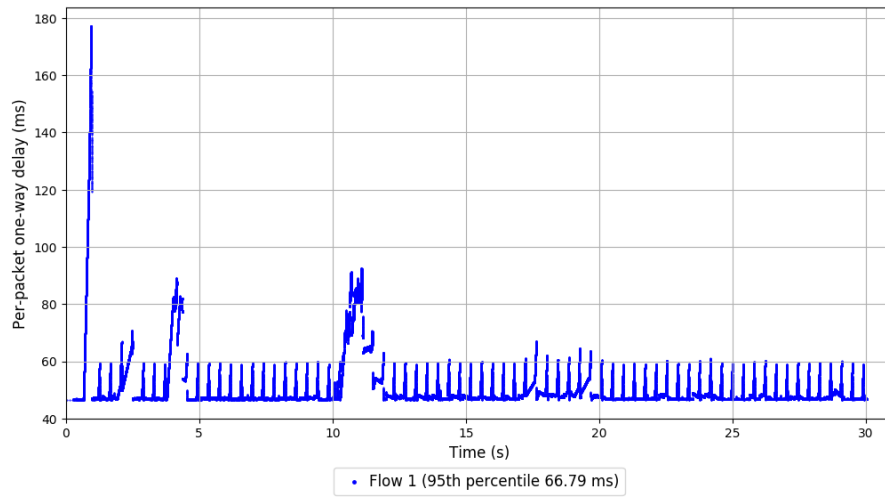
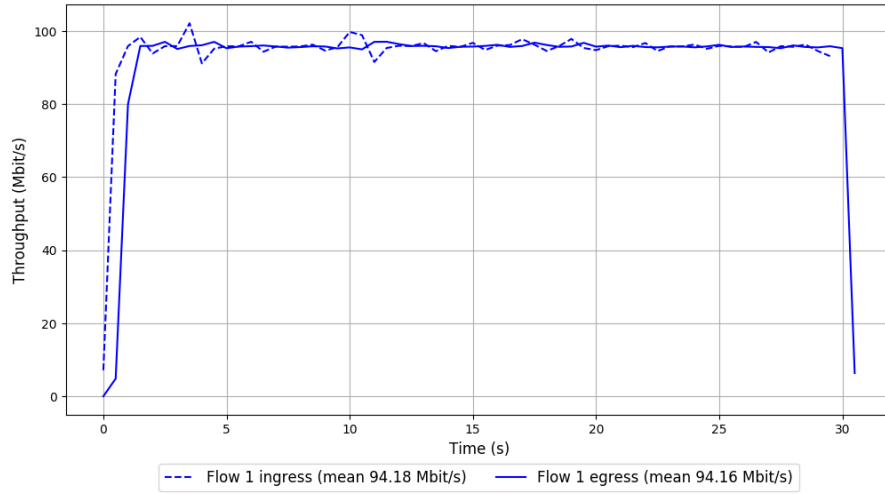


Run 1: Statistics of FillP

Start at: 2019-04-23 19:06:41
End at: 2019-04-23 19:07:11
Local clock offset: 11.81 ms
Remote clock offset: -9.823 ms

Below is generated by plot.py at 2019-04-23 21:12:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.16 Mbit/s
95th percentile per-packet one-way delay: 66.794 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 94.16 Mbit/s
95th percentile per-packet one-way delay: 66.794 ms
Loss rate: 0.03%

Run 1: Report of FillP — Data Link

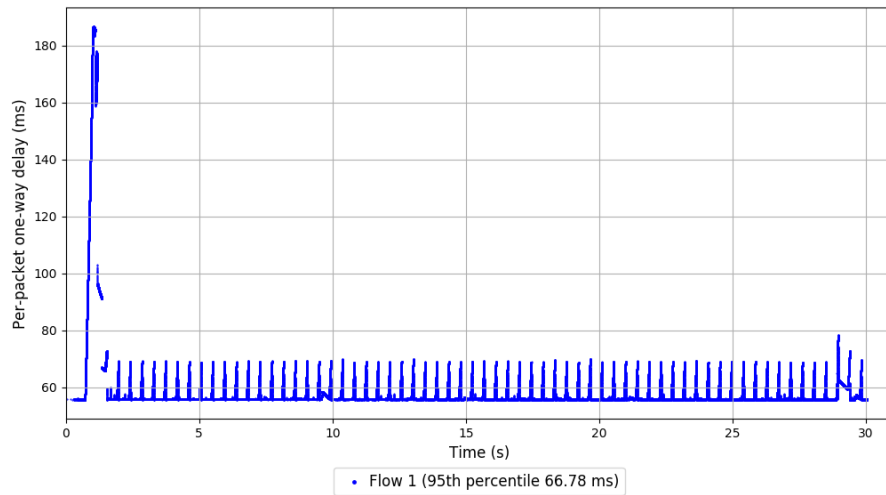
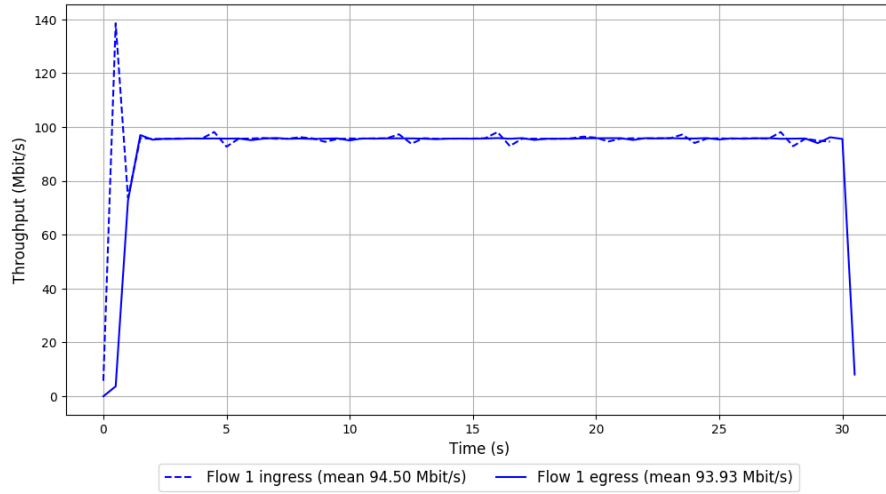


Run 2: Statistics of FillP

Start at: 2019-04-23 19:31:27
End at: 2019-04-23 19:31:57
Local clock offset: 3.629 ms
Remote clock offset: -9.509 ms

Below is generated by plot.py at 2019-04-23 21:12:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.93 Mbit/s
95th percentile per-packet one-way delay: 66.785 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 93.93 Mbit/s
95th percentile per-packet one-way delay: 66.785 ms
Loss rate: 0.64%

Run 2: Report of FillP — Data Link

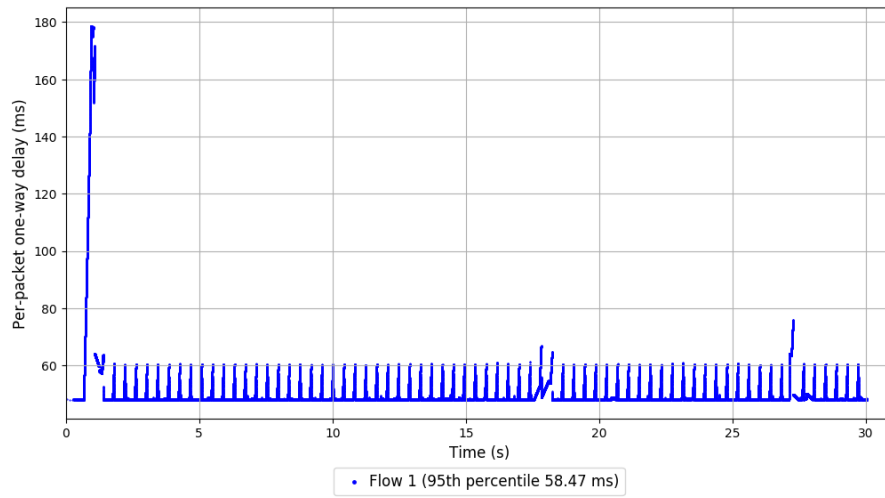
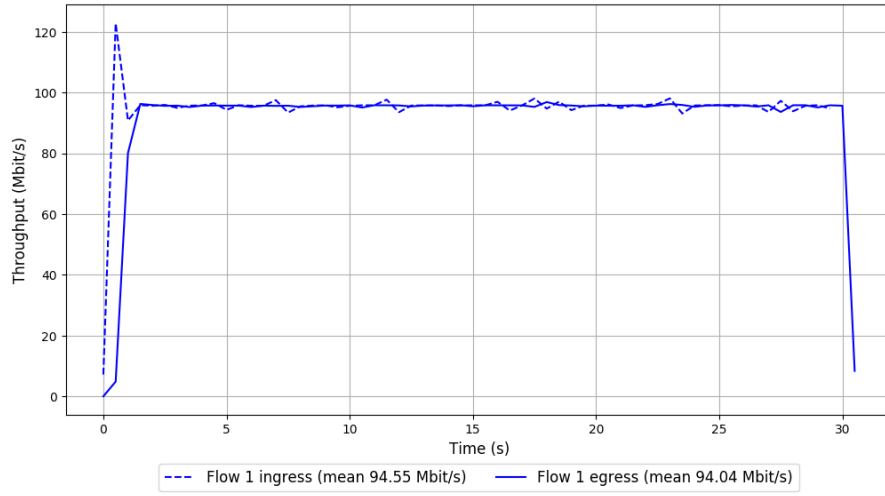


Run 3: Statistics of FillP

Start at: 2019-04-23 19:56:20
End at: 2019-04-23 19:56:50
Local clock offset: 3.313 ms
Remote clock offset: -8.021 ms

Below is generated by plot.py at 2019-04-23 21:12:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.04 Mbit/s
95th percentile per-packet one-way delay: 58.472 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 94.04 Mbit/s
95th percentile per-packet one-way delay: 58.472 ms
Loss rate: 0.53%

Run 3: Report of FillP — Data Link

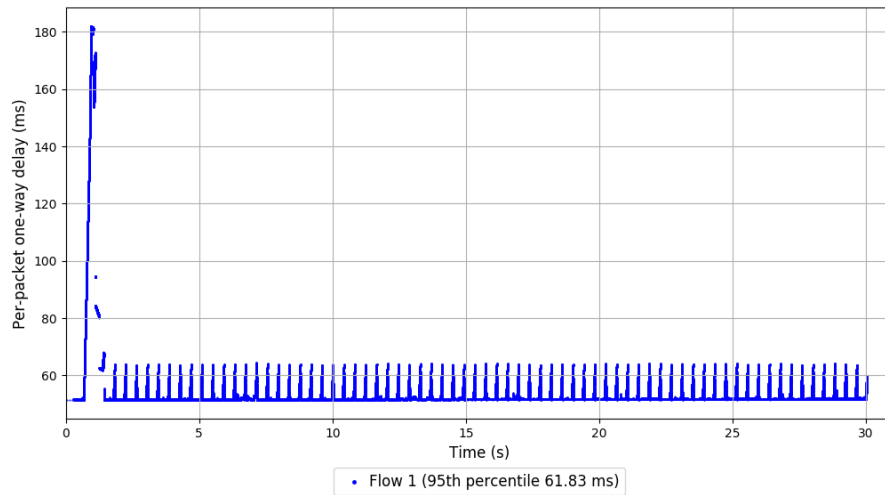
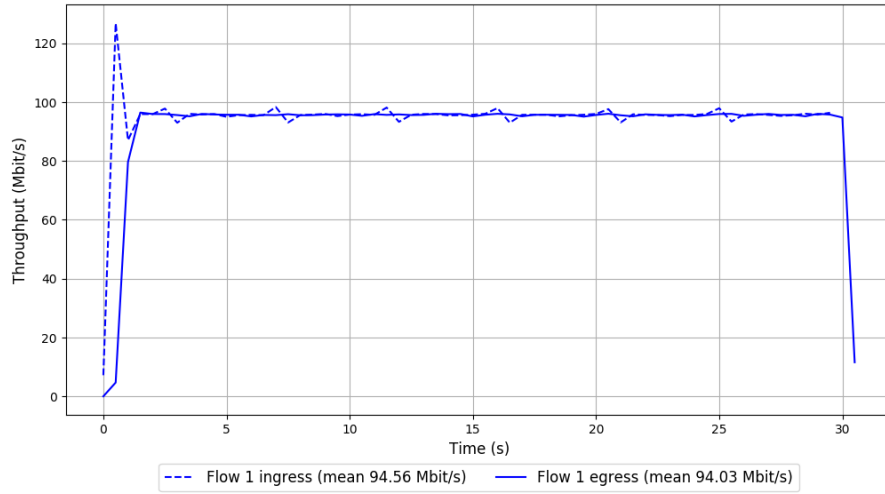


Run 4: Statistics of FillP

Start at: 2019-04-23 20:21:42
End at: 2019-04-23 20:22:12
Local clock offset: 7.93 ms
Remote clock offset: -4.033 ms

Below is generated by plot.py at 2019-04-23 21:12:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.03 Mbit/s
95th percentile per-packet one-way delay: 61.826 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 94.03 Mbit/s
95th percentile per-packet one-way delay: 61.826 ms
Loss rate: 0.54%

Run 4: Report of FillP — Data Link

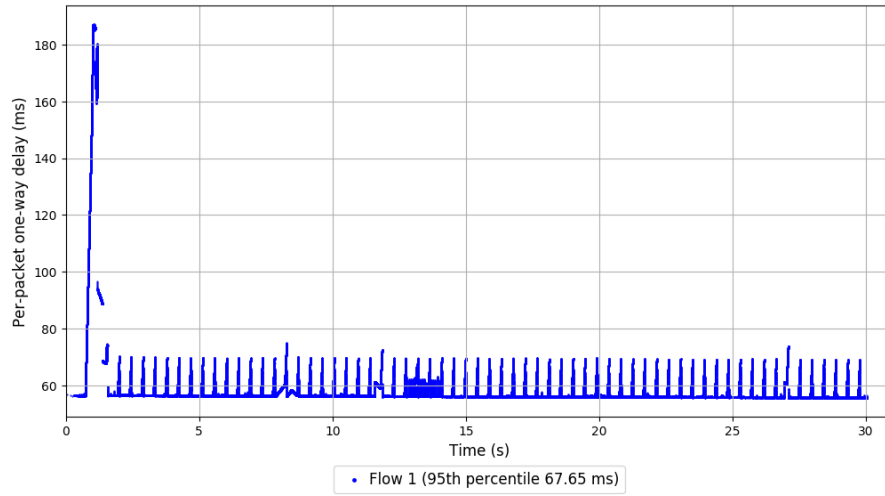
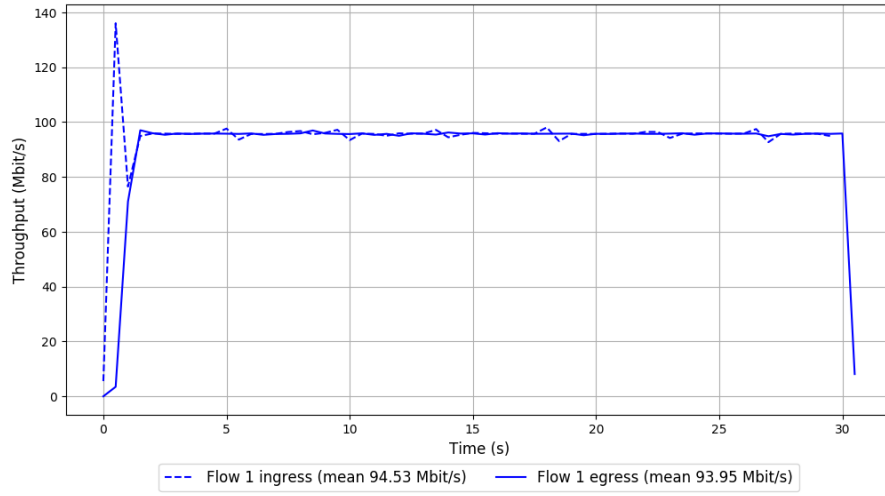


Run 5: Statistics of FillP

Start at: 2019-04-23 20:46:26
End at: 2019-04-23 20:46:56
Local clock offset: 10.953 ms
Remote clock offset: -7.169 ms

Below is generated by plot.py at 2019-04-23 21:13:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.95 Mbit/s
95th percentile per-packet one-way delay: 67.646 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 93.95 Mbit/s
95th percentile per-packet one-way delay: 67.646 ms
Loss rate: 0.65%

Run 5: Report of FillP — Data Link

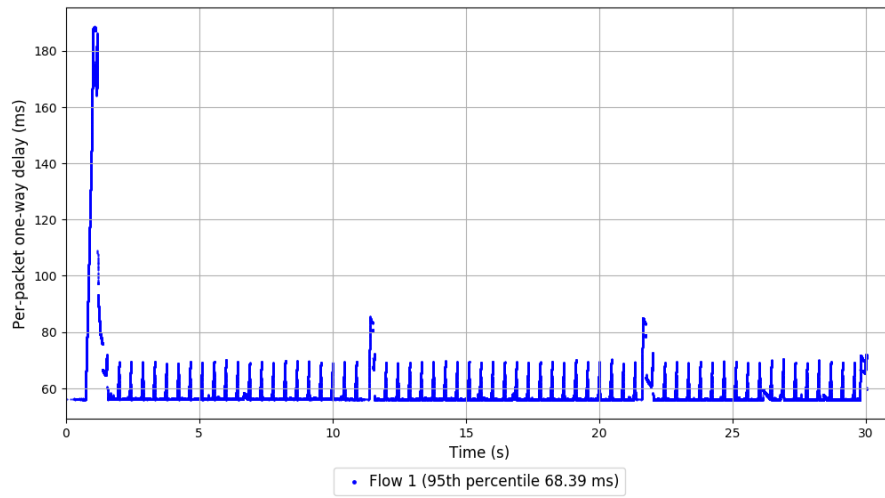
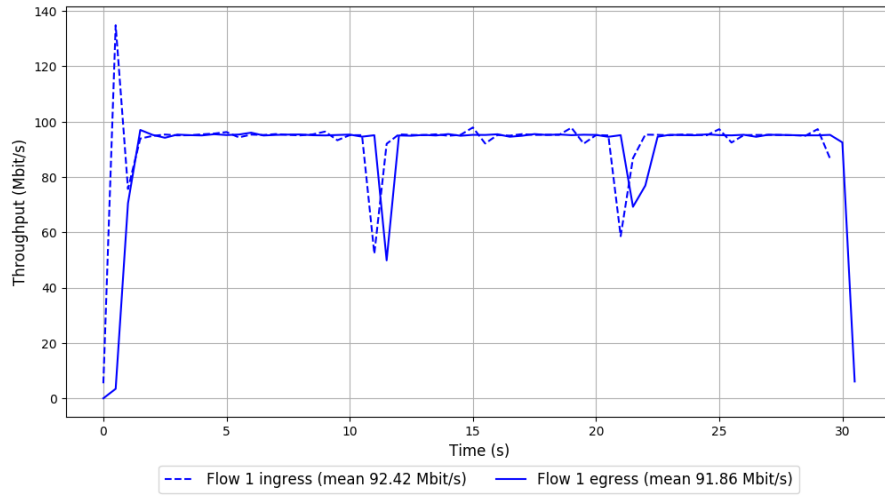


Run 1: Statistics of FillP-Sheep

Start at: 2019-04-23 19:24:20
End at: 2019-04-23 19:24:50
Local clock offset: 5.933 ms
Remote clock offset: -10.36 ms

Below is generated by plot.py at 2019-04-23 21:13:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.86 Mbit/s
95th percentile per-packet one-way delay: 68.392 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 91.86 Mbit/s
95th percentile per-packet one-way delay: 68.392 ms
Loss rate: 0.62%

Run 1: Report of FillP-Sheep — Data Link



Run 2: Statistics of FillP-Sheep

Start at: 2019-04-23 19:49:07

End at: 2019-04-23 19:49:37

Local clock offset: 2.773 ms

Remote clock offset: -8.648 ms

Below is generated by plot.py at 2019-04-23 21:13:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.12 Mbit/s

95th percentile per-packet one-way delay: 57.732 ms

Loss rate: 0.54%

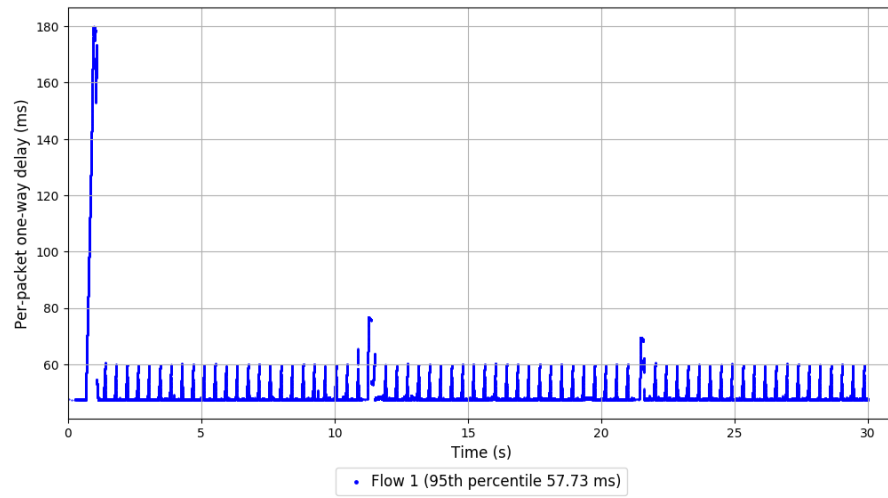
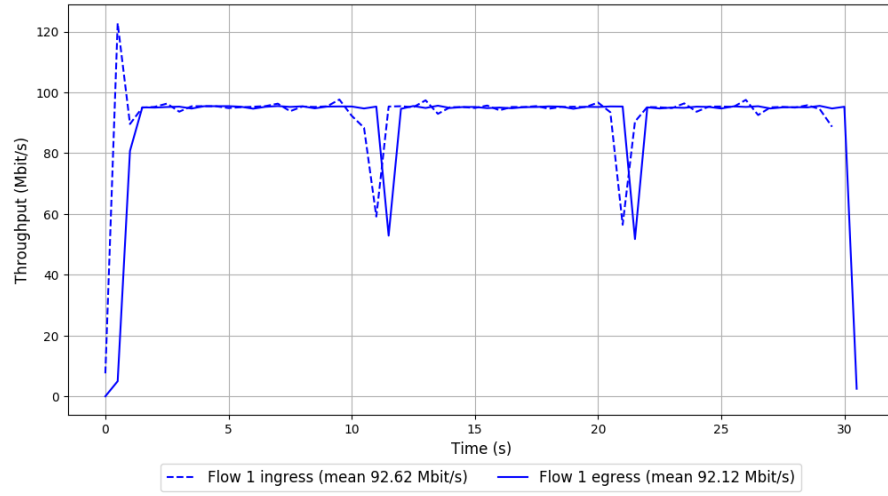
-- Flow 1:

Average throughput: 92.12 Mbit/s

95th percentile per-packet one-way delay: 57.732 ms

Loss rate: 0.54%

Run 2: Report of FillP-Sheep — Data Link

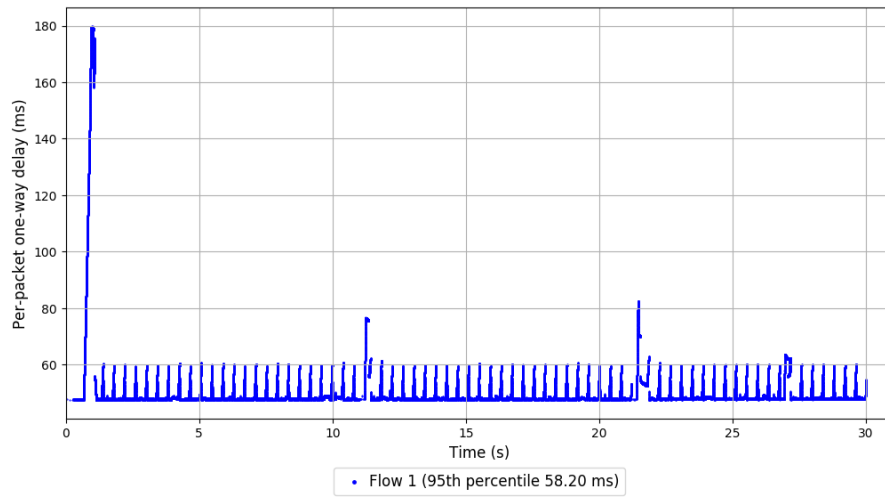
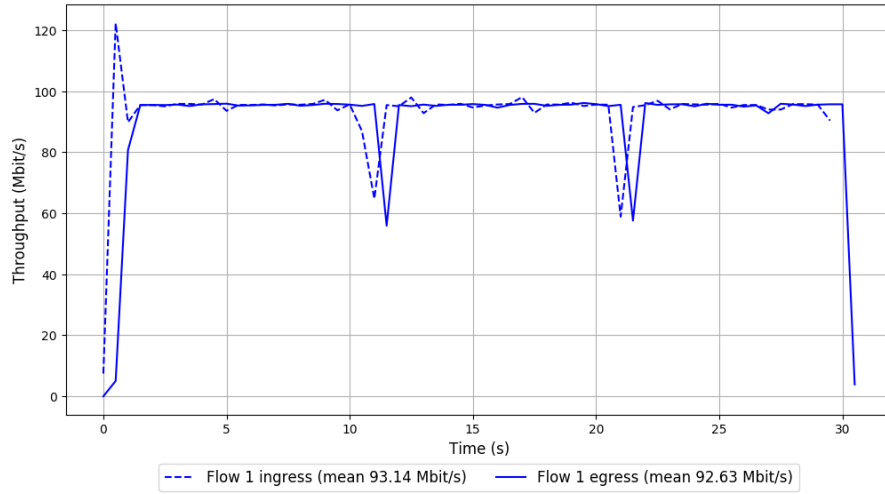


Run 3: Statistics of FillP-Sheep

Start at: 2019-04-23 20:14:35
End at: 2019-04-23 20:15:05
Local clock offset: 3.74 ms
Remote clock offset: -7.993 ms

Below is generated by plot.py at 2019-04-23 21:13:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.63 Mbit/s
95th percentile per-packet one-way delay: 58.195 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 92.63 Mbit/s
95th percentile per-packet one-way delay: 58.195 ms
Loss rate: 0.52%

Run 3: Report of FillP-Sheep — Data Link

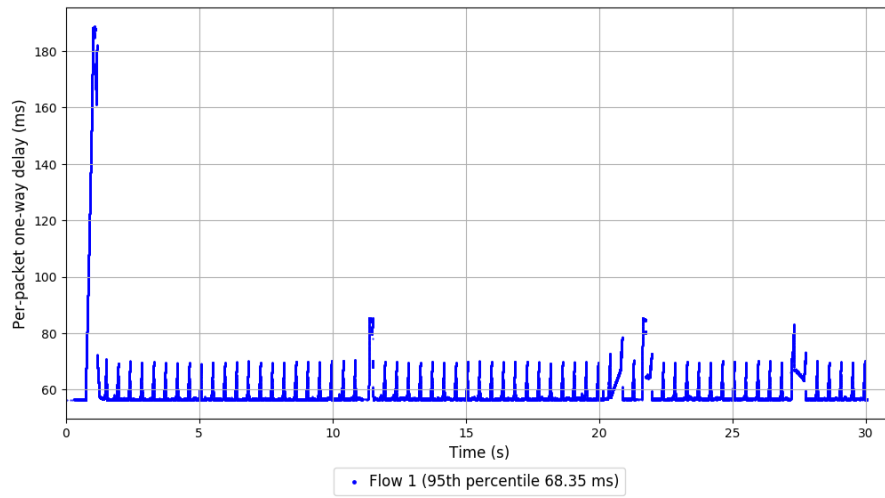
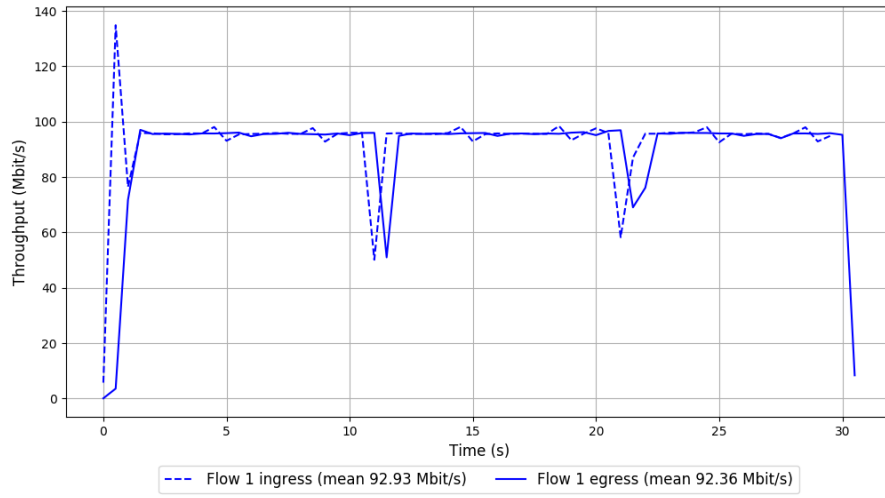


Run 4: Statistics of FillP-Sheep

Start at: 2019-04-23 20:39:19
End at: 2019-04-23 20:39:49
Local clock offset: 12.196 ms
Remote clock offset: -7.855 ms

```
# Below is generated by plot.py at 2019-04-23 21:14:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.36 Mbit/s
95th percentile per-packet one-way delay: 68.352 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 92.36 Mbit/s
95th percentile per-packet one-way delay: 68.352 ms
Loss rate: 0.64%
```

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

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

End at: 2019-04-23 21:04:34

Local clock offset: -4.416 ms

Remote clock offset: -7.656 ms

Below is generated by plot.py at 2019-04-23 21:14:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.36 Mbit/s

95th percentile per-packet one-way delay: 58.420 ms

Loss rate: 0.57%

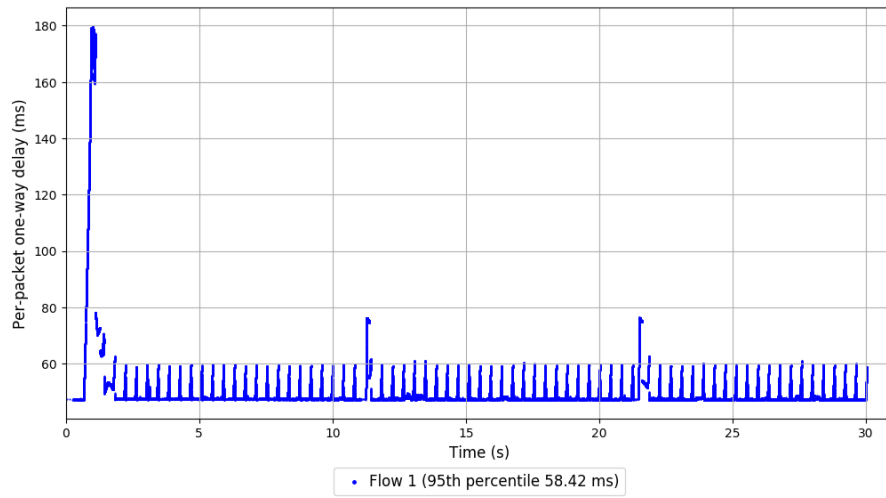
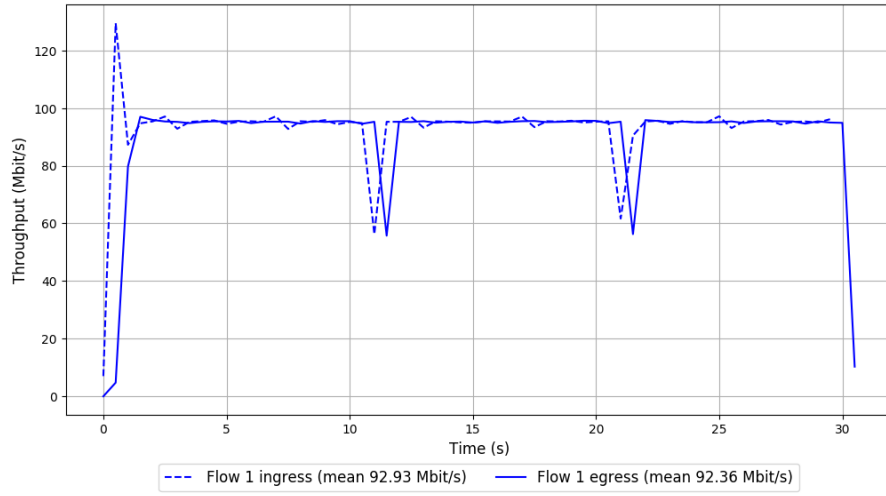
-- Flow 1:

Average throughput: 92.36 Mbit/s

95th percentile per-packet one-way delay: 58.420 ms

Loss rate: 0.57%

Run 5: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

Start at: 2019-04-23 19:27:53

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

Local clock offset: 4.392 ms

Remote clock offset: -5.974 ms

Below is generated by plot.py at 2019-04-23 21:14:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.75 Mbit/s

95th percentile per-packet one-way delay: 59.121 ms

Loss rate: 4.25%

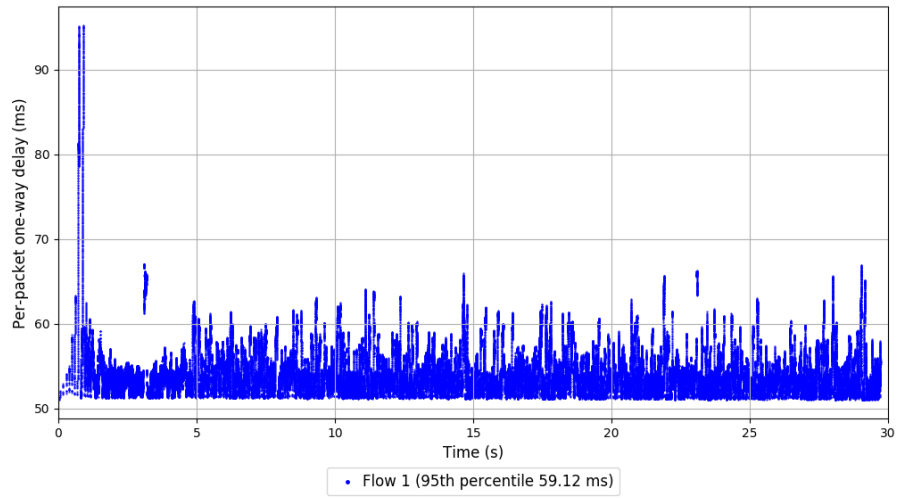
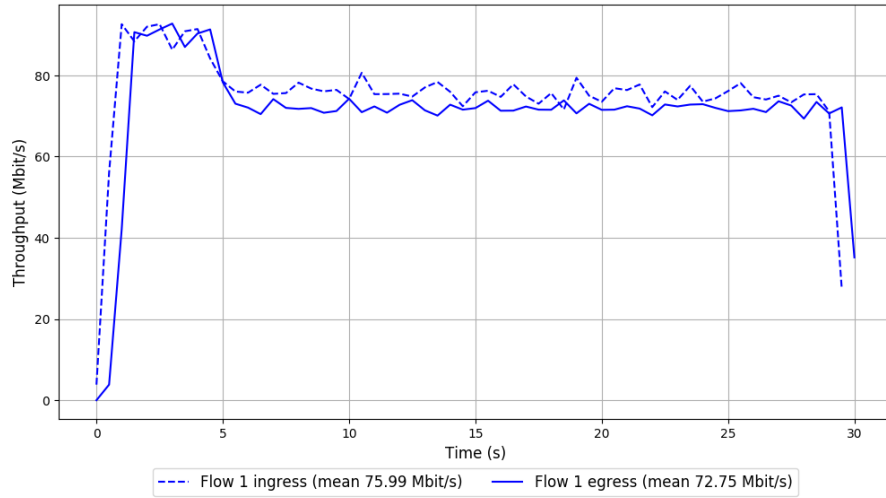
-- Flow 1:

Average throughput: 72.75 Mbit/s

95th percentile per-packet one-way delay: 59.121 ms

Loss rate: 4.25%

Run 1: Report of Indigo — Data Link

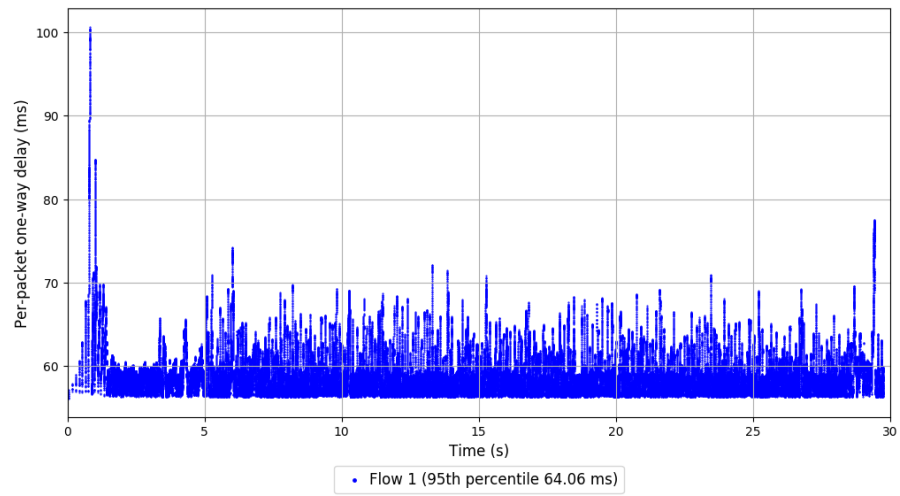
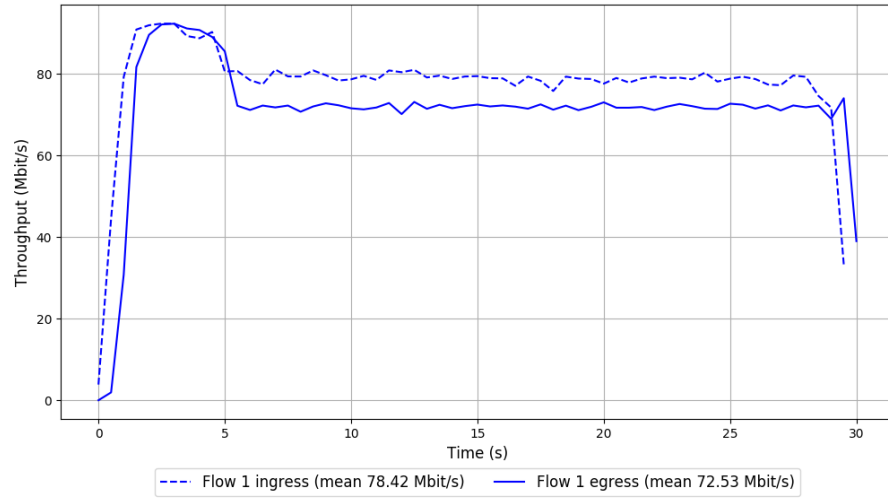


Run 2: Statistics of Indigo

Start at: 2019-04-23 19:52:41
End at: 2019-04-23 19:53:11
Local clock offset: 3.025 ms
Remote clock offset: -8.343 ms

Below is generated by plot.py at 2019-04-23 21:14:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.53 Mbit/s
95th percentile per-packet one-way delay: 64.062 ms
Loss rate: 7.53%
-- Flow 1:
Average throughput: 72.53 Mbit/s
95th percentile per-packet one-way delay: 64.062 ms
Loss rate: 7.53%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2019-04-23 20:18:09

End at: 2019-04-23 20:18:39

Local clock offset: 5.874 ms

Remote clock offset: -8.007 ms

Below is generated by plot.py at 2019-04-23 21:14:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.49 Mbit/s

95th percentile per-packet one-way delay: 55.380 ms

Loss rate: 3.19%

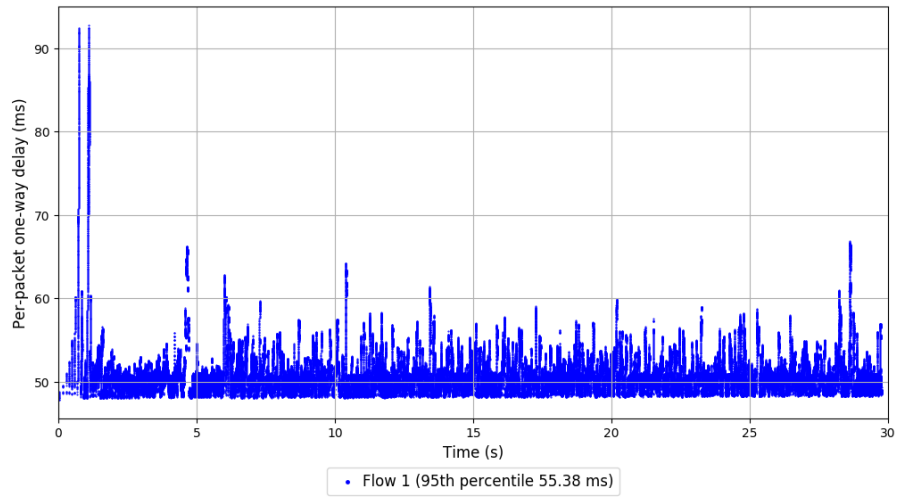
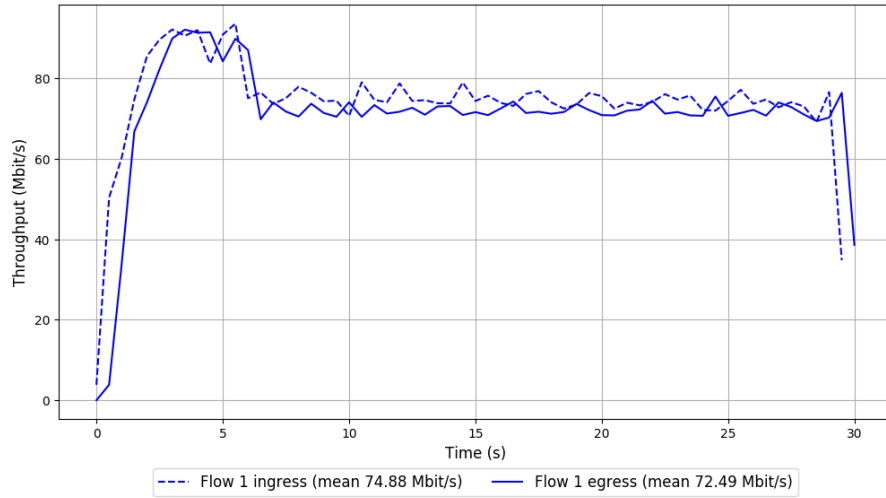
-- Flow 1:

Average throughput: 72.49 Mbit/s

95th percentile per-packet one-way delay: 55.380 ms

Loss rate: 3.19%

Run 3: Report of Indigo — Data Link

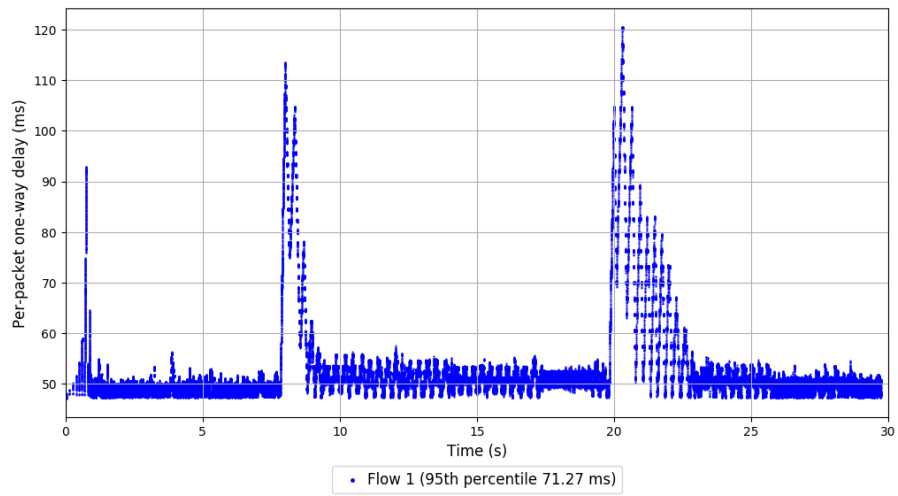
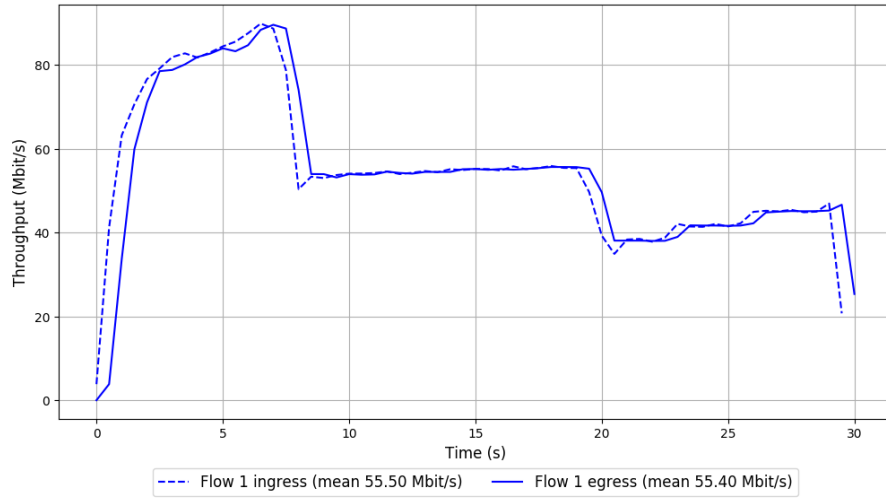


Run 4: Statistics of Indigo

Start at: 2019-04-23 20:42:53
End at: 2019-04-23 20:43:23
Local clock offset: 12.673 ms
Remote clock offset: -8.247 ms

```
# Below is generated by plot.py at 2019-04-23 21:14:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.40 Mbit/s
95th percentile per-packet one-way delay: 71.267 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 55.40 Mbit/s
95th percentile per-packet one-way delay: 71.267 ms
Loss rate: 0.18%
```

Run 4: Report of Indigo — Data Link

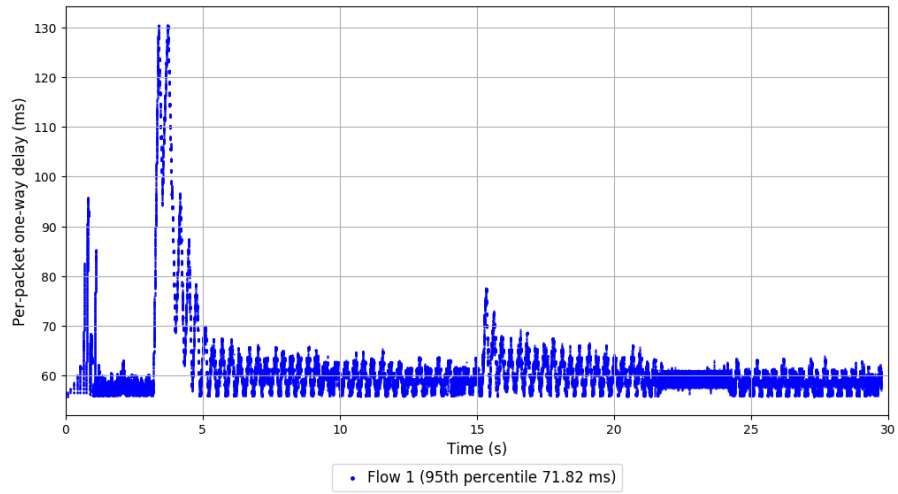
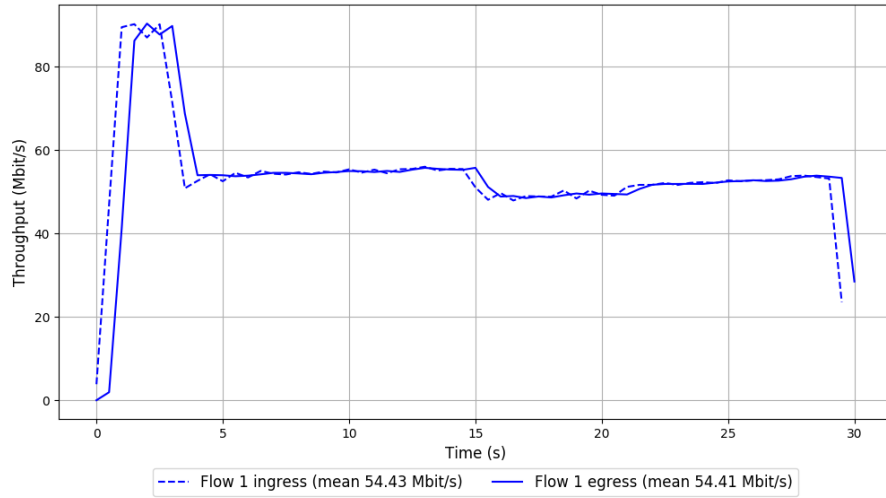


Run 5: Statistics of Indigo

Start at: 2019-04-23 21:07:43
End at: 2019-04-23 21:08:13
Local clock offset: -5.555 ms
Remote clock offset: -8.209 ms

```
# Below is generated by plot.py at 2019-04-23 21:14:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.41 Mbit/s
95th percentile per-packet one-way delay: 71.821 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 54.41 Mbit/s
95th percentile per-packet one-way delay: 71.821 ms
Loss rate: 0.08%
```

Run 5: Report of Indigo — Data Link

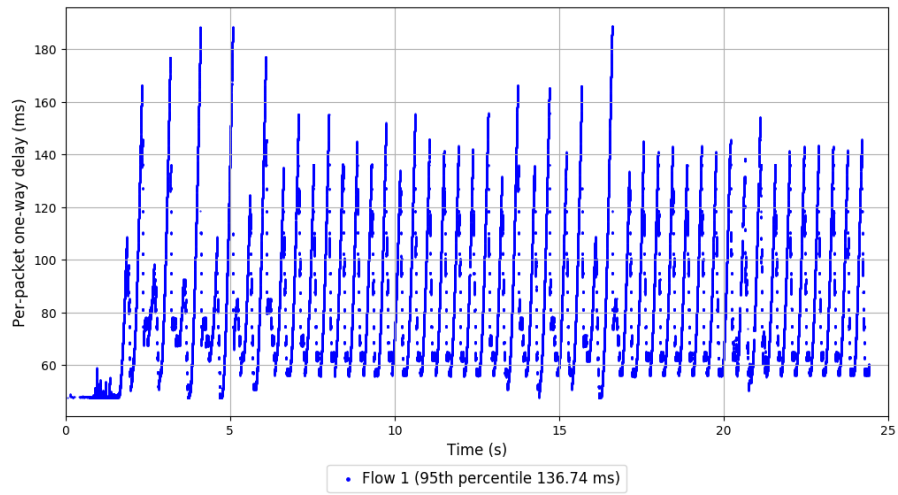
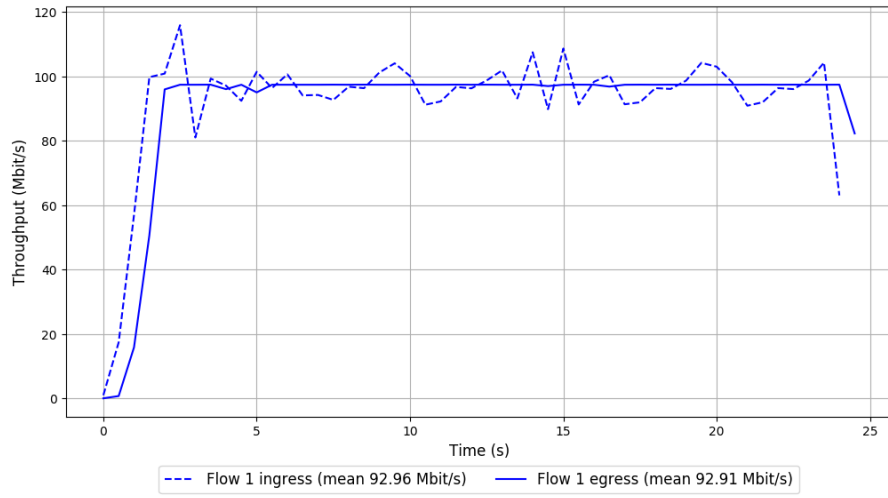


Run 1: Statistics of Indigo-MusesC3

Start at: 2019-04-23 19:12:31
End at: 2019-04-23 19:13:01
Local clock offset: 12.746 ms
Remote clock offset: -9.123 ms

Below is generated by plot.py at 2019-04-23 21:14:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.91 Mbit/s
95th percentile per-packet one-way delay: 136.739 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.91 Mbit/s
95th percentile per-packet one-way delay: 136.739 ms
Loss rate: 0.00%

Run 1: Report of Indigo-MusesC3 — Data Link

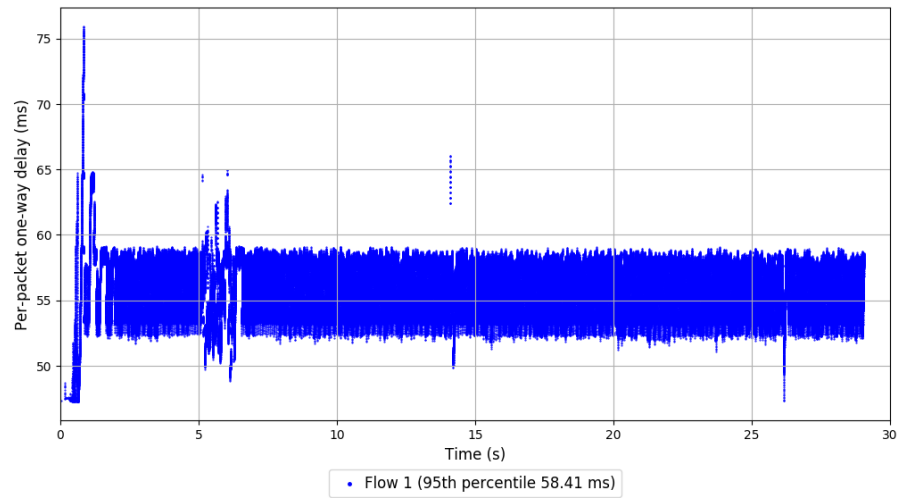
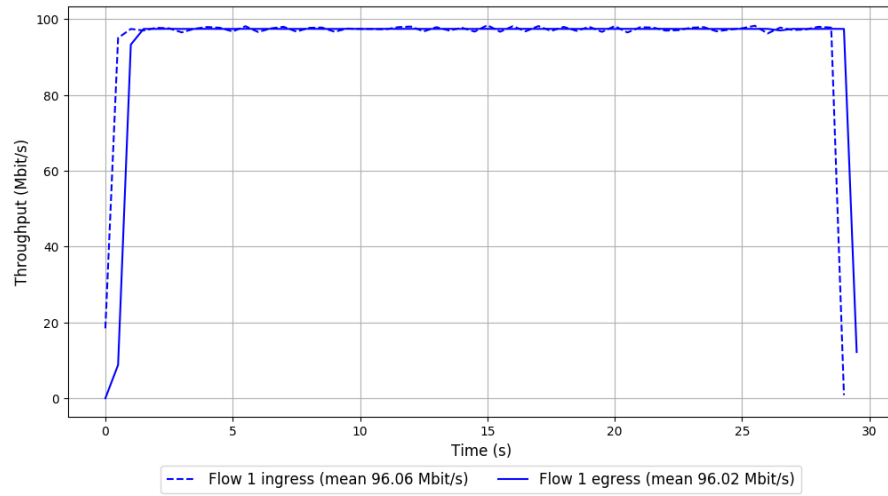


Run 2: Statistics of Indigo-MusesC3

Start at: 2019-04-23 19:37:18
End at: 2019-04-23 19:37:48
Local clock offset: 2.569 ms
Remote clock offset: -8.807 ms

Below is generated by plot.py at 2019-04-23 21:14:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.02 Mbit/s
95th percentile per-packet one-way delay: 58.409 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.02 Mbit/s
95th percentile per-packet one-way delay: 58.409 ms
Loss rate: 0.00%

Run 2: Report of Indigo-MusesC3 — Data Link

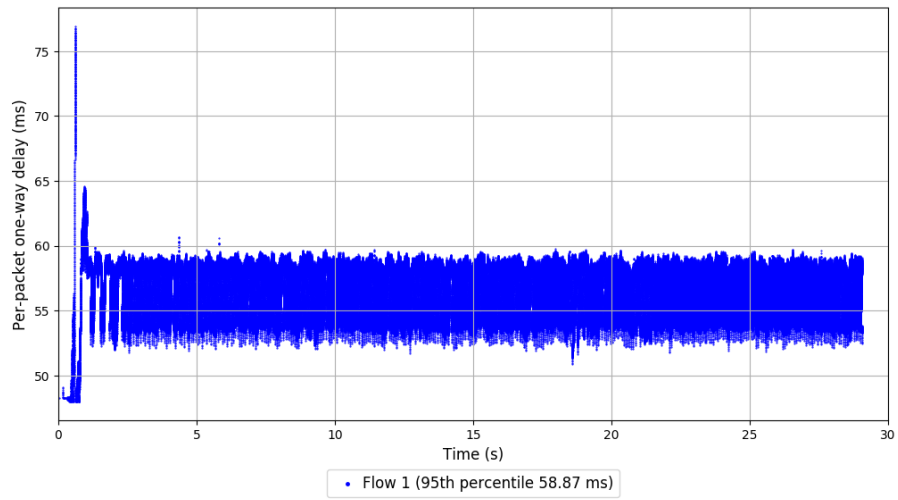
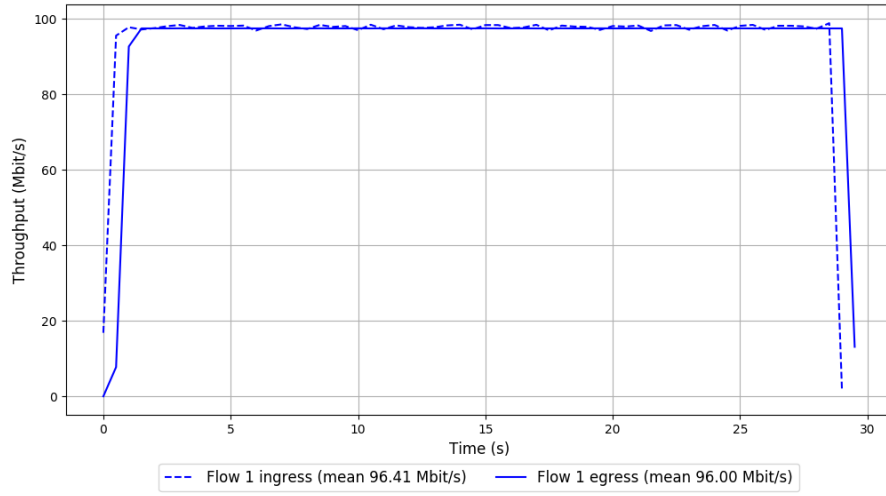


Run 3: Statistics of Indigo-MusesC3

Start at: 2019-04-23 20:02:15
End at: 2019-04-23 20:02:45
Local clock offset: 3.729 ms
Remote clock offset: -7.447 ms

```
# Below is generated by plot.py at 2019-04-23 21:14:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.00 Mbit/s
95th percentile per-packet one-way delay: 58.870 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 96.00 Mbit/s
95th percentile per-packet one-way delay: 58.870 ms
Loss rate: 0.41%
```

Run 3: Report of Indigo-MusesC3 — Data Link

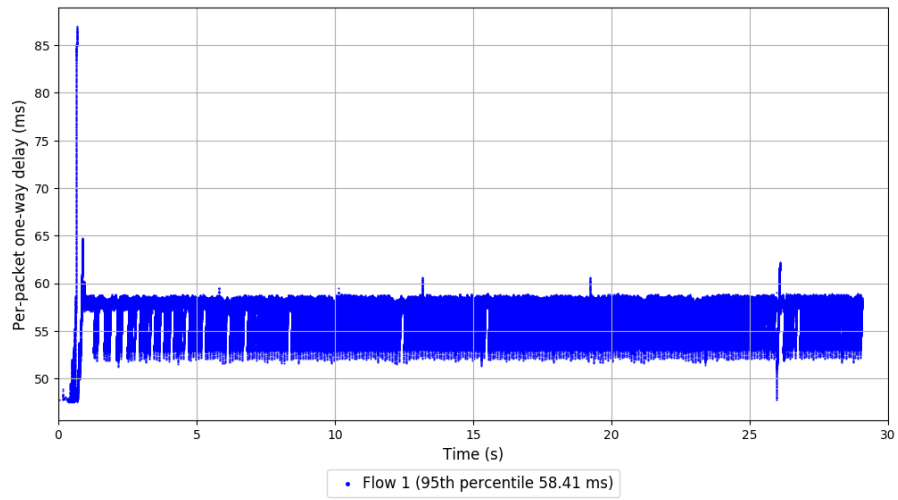
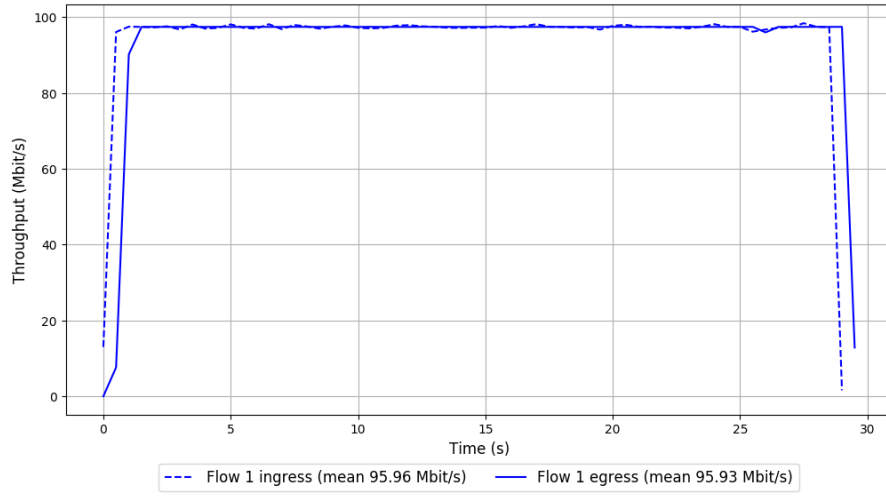


Run 4: Statistics of Indigo-MusesC3

Start at: 2019-04-23 20:27:31
End at: 2019-04-23 20:28:02
Local clock offset: 10.097 ms
Remote clock offset: -7.862 ms

Below is generated by plot.py at 2019-04-23 21:14:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.93 Mbit/s
95th percentile per-packet one-way delay: 58.406 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.93 Mbit/s
95th percentile per-packet one-way delay: 58.406 ms
Loss rate: 0.00%

Run 4: Report of Indigo-MusesC3 — Data Link

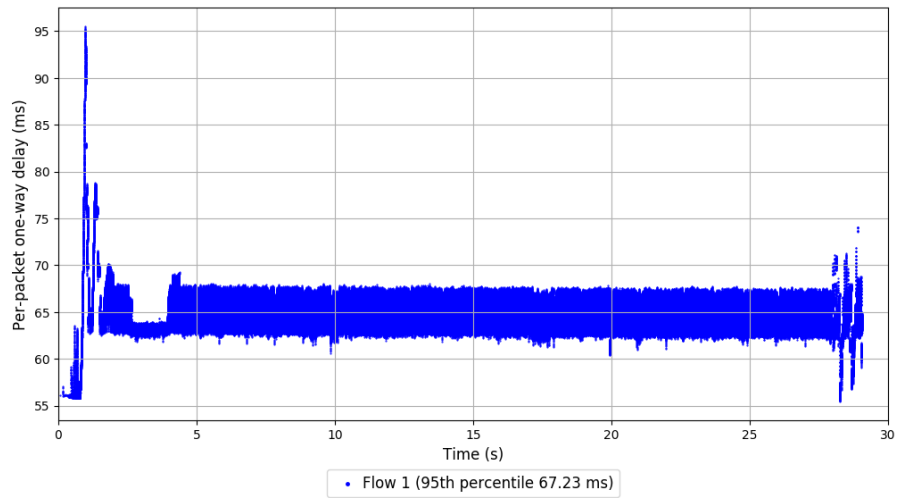
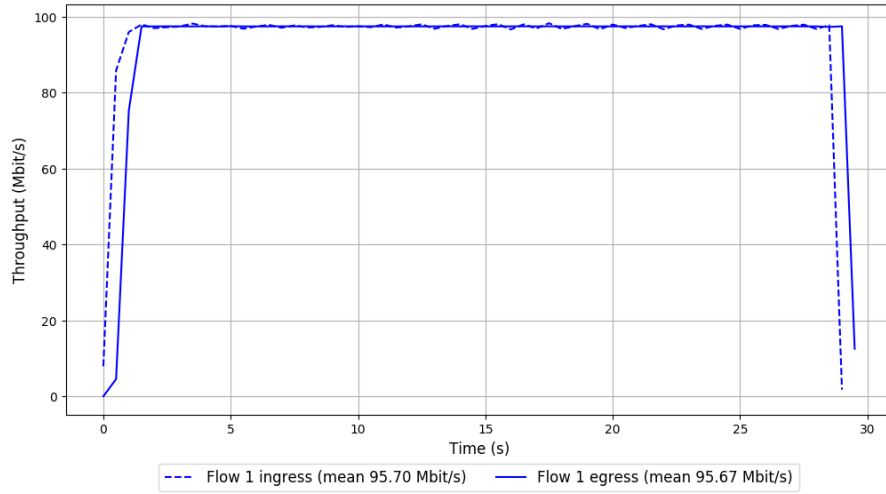


Run 5: Statistics of Indigo-MusesC3

Start at: 2019-04-23 20:52:17
End at: 2019-04-23 20:52:47
Local clock offset: 2.872 ms
Remote clock offset: -7.657 ms

Below is generated by plot.py at 2019-04-23 21:15:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 67.226 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 67.226 ms
Loss rate: 0.03%

Run 5: Report of Indigo-MusesC3 — Data Link



Run 1: Statistics of Indigo-MusesC5

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

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

Local clock offset: 6.449 ms

Remote clock offset: -9.785 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.70 Mbit/s

95th percentile per-packet one-way delay: 54.524 ms

Loss rate: 0.00%

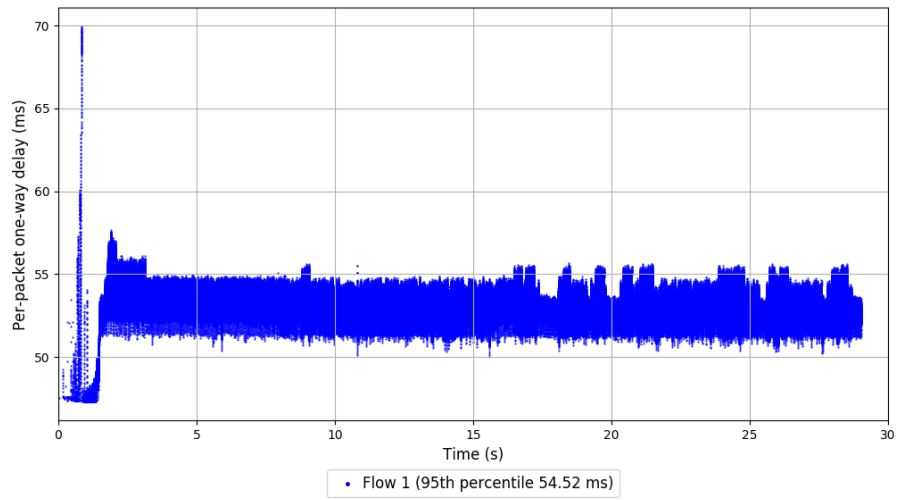
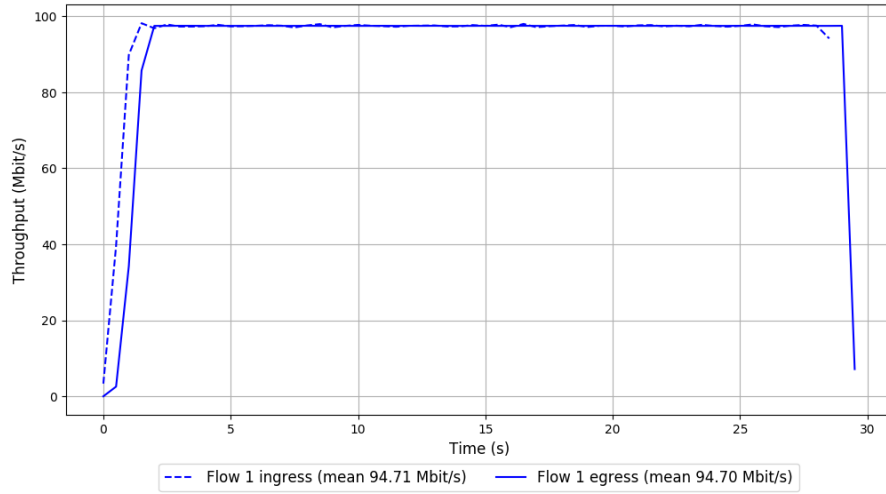
-- Flow 1:

Average throughput: 94.70 Mbit/s

95th percentile per-packet one-way delay: 54.524 ms

Loss rate: 0.00%

Run 1: Report of Indigo-MusesC5 — Data Link



Run 2: Statistics of Indigo-MusesC5

Start at: 2019-04-23 19:47:54

End at: 2019-04-23 19:48:24

Local clock offset: 2.499 ms

Remote clock offset: -4.65 ms

Below is generated by plot.py at 2019-04-23 21:15:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.32 Mbit/s

95th percentile per-packet one-way delay: 56.594 ms

Loss rate: 0.00%

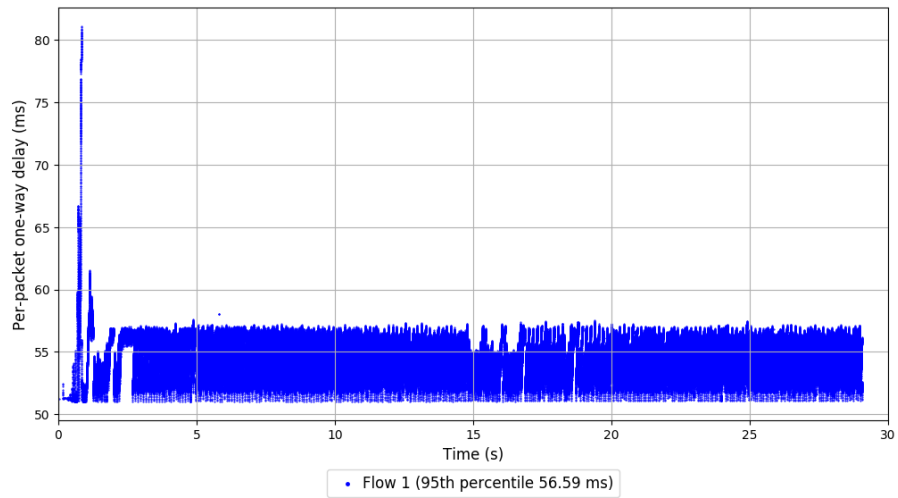
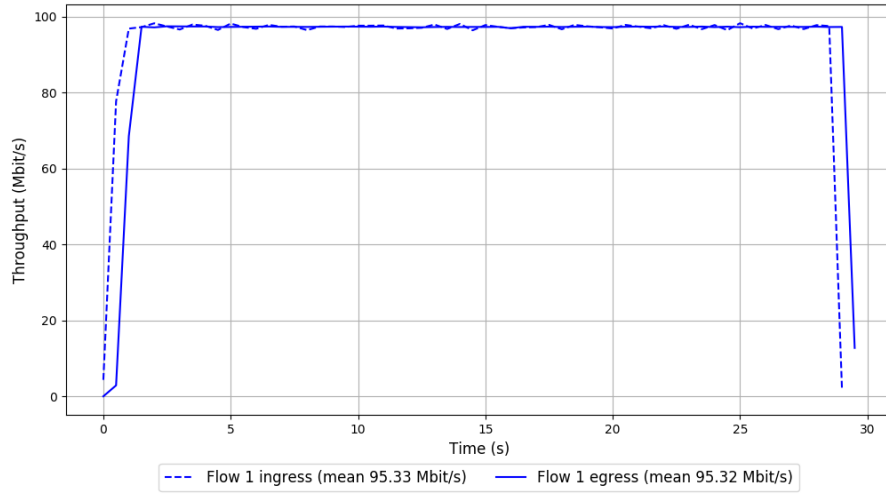
-- Flow 1:

Average throughput: 95.32 Mbit/s

95th percentile per-packet one-way delay: 56.594 ms

Loss rate: 0.00%

Run 2: Report of Indigo-MusesC5 — Data Link



Run 3: Statistics of Indigo-MusesC5

Start at: 2019-04-23 20:13:22

End at: 2019-04-23 20:13:52

Local clock offset: 3.815 ms

Remote clock offset: -7.892 ms

Below is generated by plot.py at 2019-04-23 21:15:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.40 Mbit/s

95th percentile per-packet one-way delay: 65.773 ms

Loss rate: 0.03%

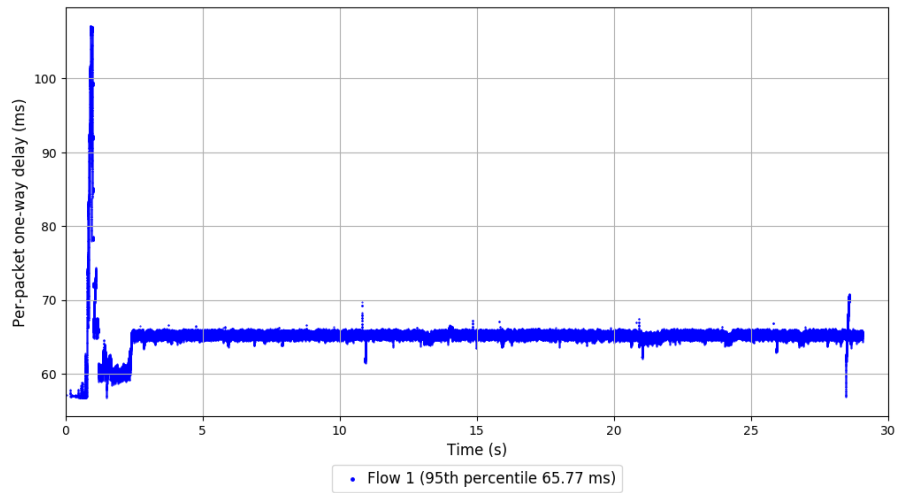
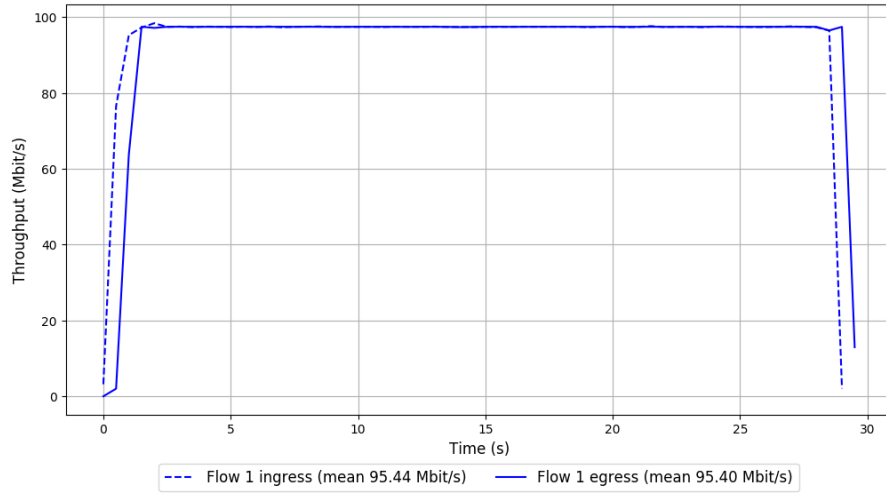
-- Flow 1:

Average throughput: 95.40 Mbit/s

95th percentile per-packet one-way delay: 65.773 ms

Loss rate: 0.03%

Run 3: Report of Indigo-MusesC5 — Data Link

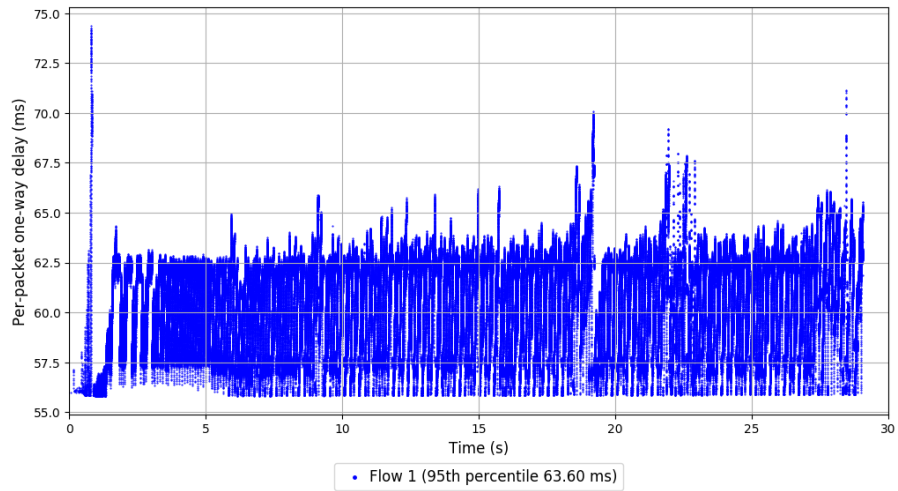
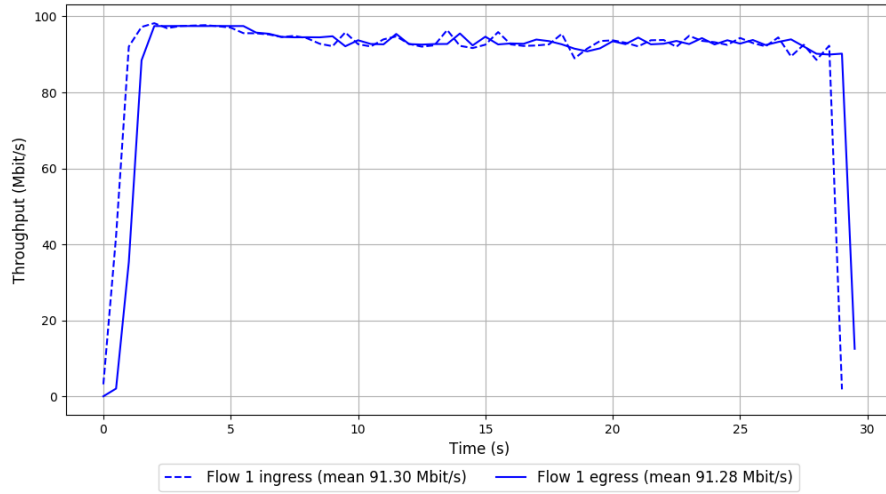


Run 4: Statistics of Indigo-MusesC5

Start at: 2019-04-23 20:38:07
End at: 2019-04-23 20:38:37
Local clock offset: 12.007 ms
Remote clock offset: -8.268 ms

Below is generated by plot.py at 2019-04-23 21:15:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.28 Mbit/s
95th percentile per-packet one-way delay: 63.597 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 91.28 Mbit/s
95th percentile per-packet one-way delay: 63.597 ms
Loss rate: 0.03%

Run 4: Report of Indigo-MusesC5 — Data Link



Run 5: Statistics of Indigo-MusesC5

Start at: 2019-04-23 21:02:51

End at: 2019-04-23 21:03:21

Local clock offset: -4.023 ms

Remote clock offset: -7.21 ms

Below is generated by plot.py at 2019-04-23 21:15:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.19 Mbit/s

95th percentile per-packet one-way delay: 64.504 ms

Loss rate: 0.04%

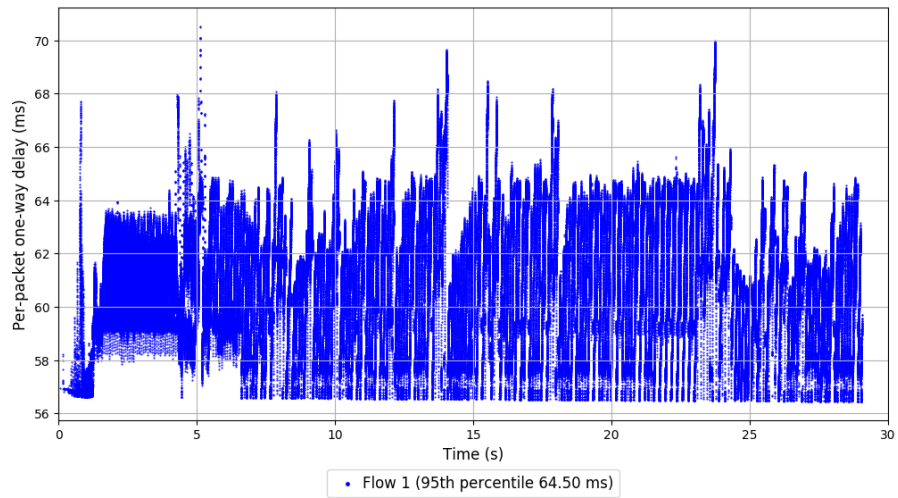
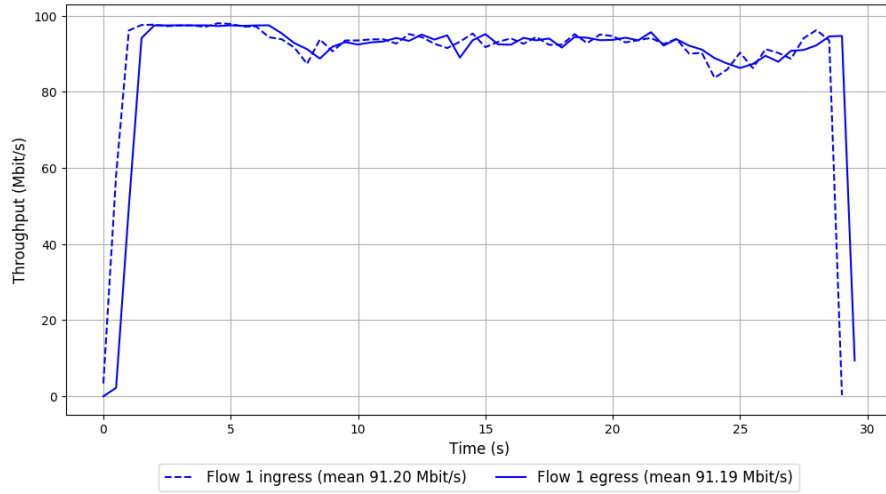
-- Flow 1:

Average throughput: 91.19 Mbit/s

95th percentile per-packet one-way delay: 64.504 ms

Loss rate: 0.04%

Run 5: Report of Indigo-MusesC5 — Data Link



Run 1: Statistics of Indigo-MusesD

Start at: 2019-04-23 19:29:06

End at: 2019-04-23 19:29:36

Local clock offset: 4.231 ms

Remote clock offset: -5.782 ms

Below is generated by plot.py at 2019-04-23 21:15:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.64 Mbit/s

95th percentile per-packet one-way delay: 65.338 ms

Loss rate: 0.03%

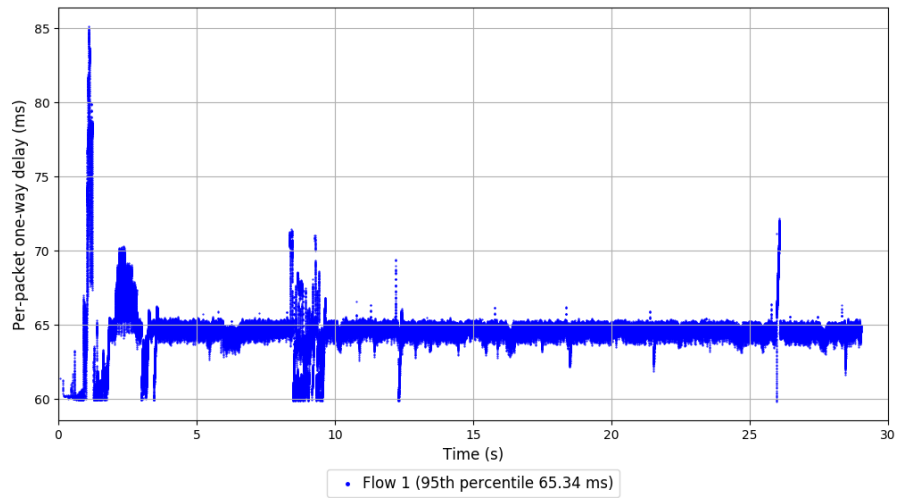
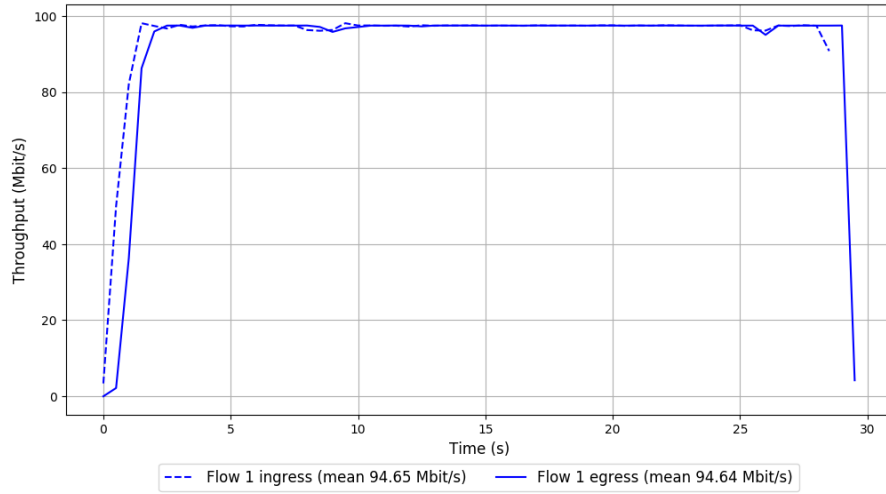
-- Flow 1:

Average throughput: 94.64 Mbit/s

95th percentile per-packet one-way delay: 65.338 ms

Loss rate: 0.03%

Run 1: Report of Indigo-MusesD — Data Link



Run 2: Statistics of Indigo-MusesD

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

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

Local clock offset: 3.138 ms

Remote clock offset: -8.861 ms

Below is generated by plot.py at 2019-04-23 21:16:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.49 Mbit/s

95th percentile per-packet one-way delay: 61.402 ms

Loss rate: 0.03%

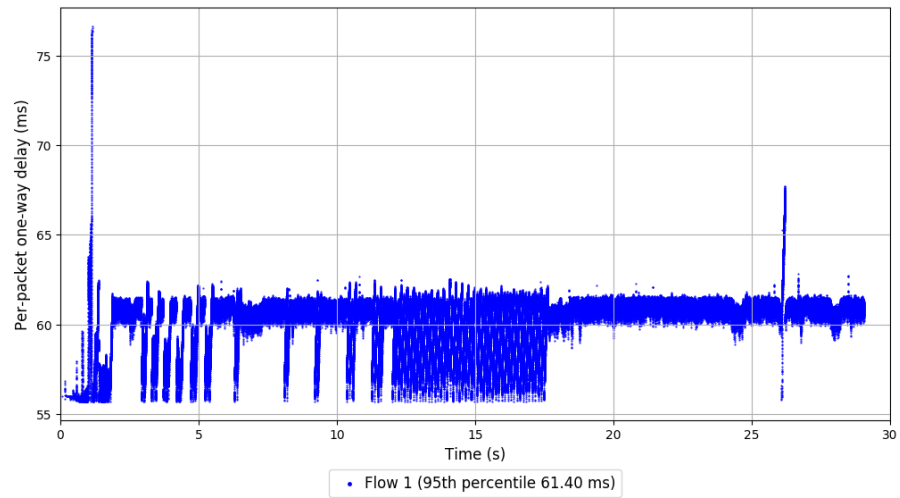
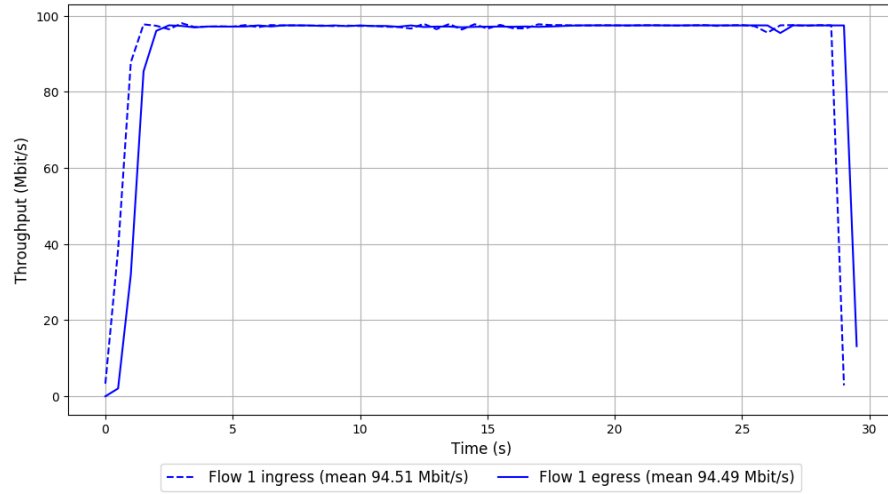
-- Flow 1:

Average throughput: 94.49 Mbit/s

95th percentile per-packet one-way delay: 61.402 ms

Loss rate: 0.03%

Run 2: Report of Indigo-MusesD — Data Link



Run 3: Statistics of Indigo-MusesD

Start at: 2019-04-23 20:19:21

End at: 2019-04-23 20:19:51

Local clock offset: 6.616 ms

Remote clock offset: -8.431 ms

Below is generated by plot.py at 2019-04-23 21:16:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.15 Mbit/s

95th percentile per-packet one-way delay: 51.972 ms

Loss rate: 0.00%

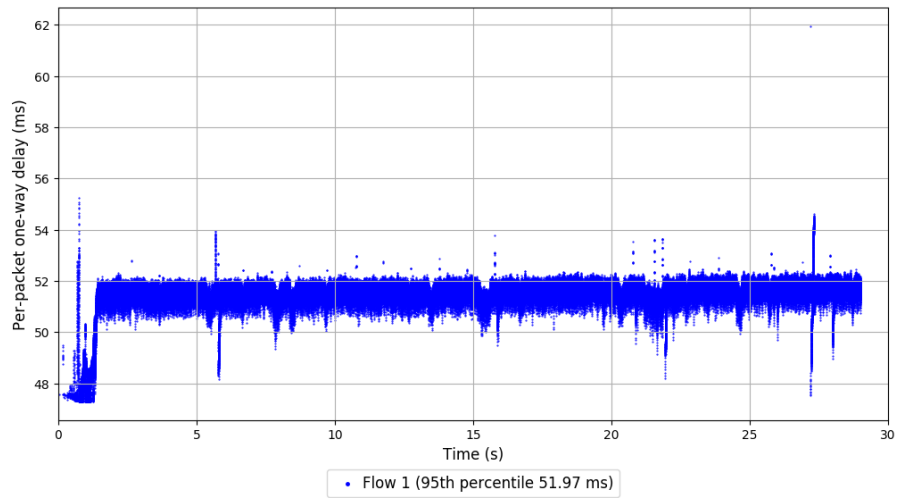
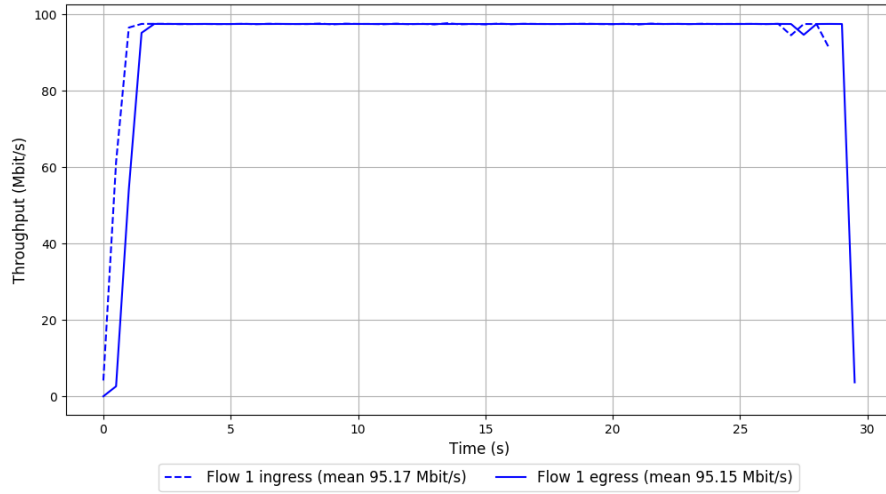
-- Flow 1:

Average throughput: 95.15 Mbit/s

95th percentile per-packet one-way delay: 51.972 ms

Loss rate: 0.00%

Run 3: Report of Indigo-MusesD — Data Link

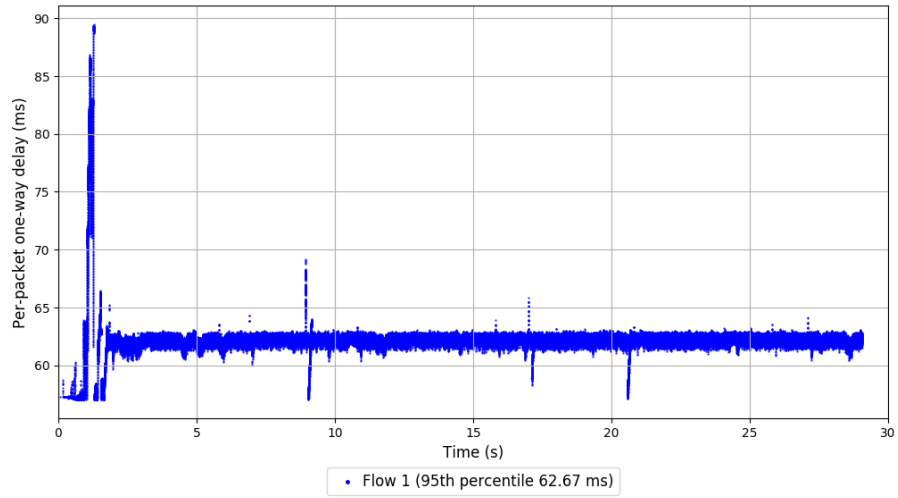
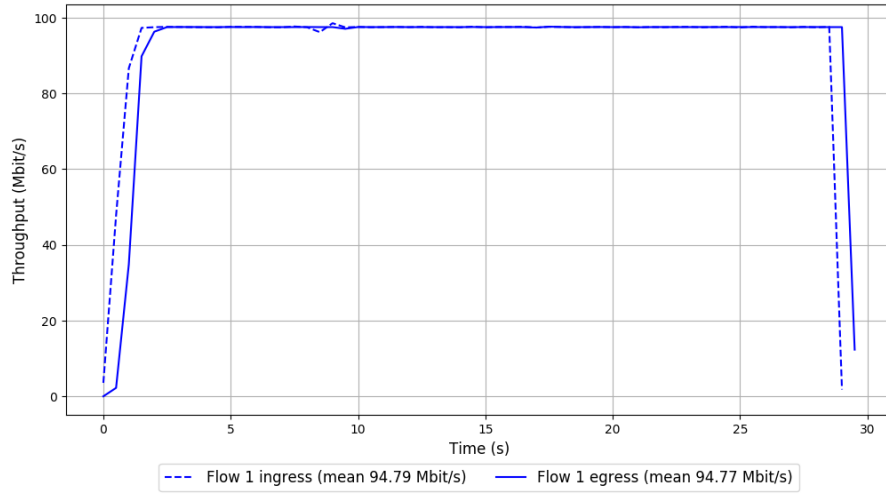


Run 4: Statistics of Indigo-MusesD

Start at: 2019-04-23 20:44:05
End at: 2019-04-23 20:44:35
Local clock offset: 12.833 ms
Remote clock offset: -7.241 ms

Below is generated by plot.py at 2019-04-23 21:16:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.77 Mbit/s
95th percentile per-packet one-way delay: 62.670 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 94.77 Mbit/s
95th percentile per-packet one-way delay: 62.670 ms
Loss rate: 0.03%

Run 4: Report of Indigo-MusesD — Data Link



Run 5: Statistics of Indigo-MusesD

Start at: 2019-04-23 21:08:54

End at: 2019-04-23 21:09:24

Local clock offset: -5.668 ms

Remote clock offset: -7.907 ms

Below is generated by plot.py at 2019-04-23 21:16:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.08 Mbit/s

95th percentile per-packet one-way delay: 51.570 ms

Loss rate: 0.00%

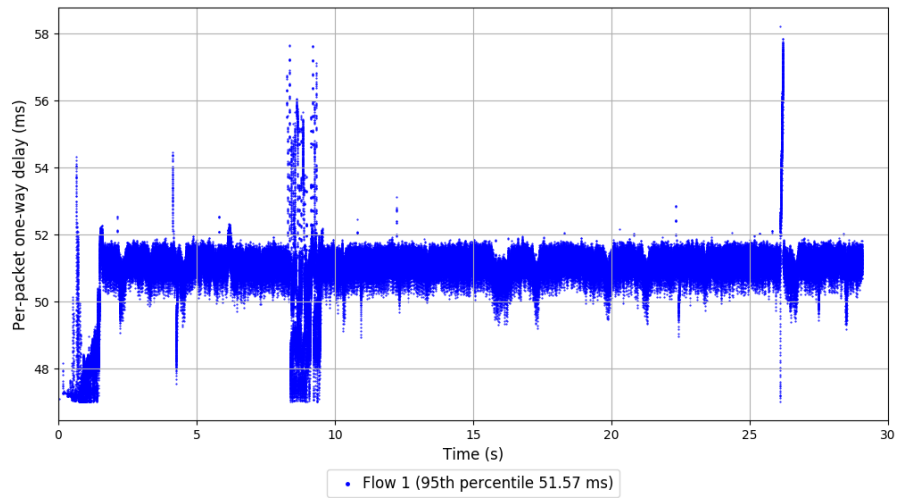
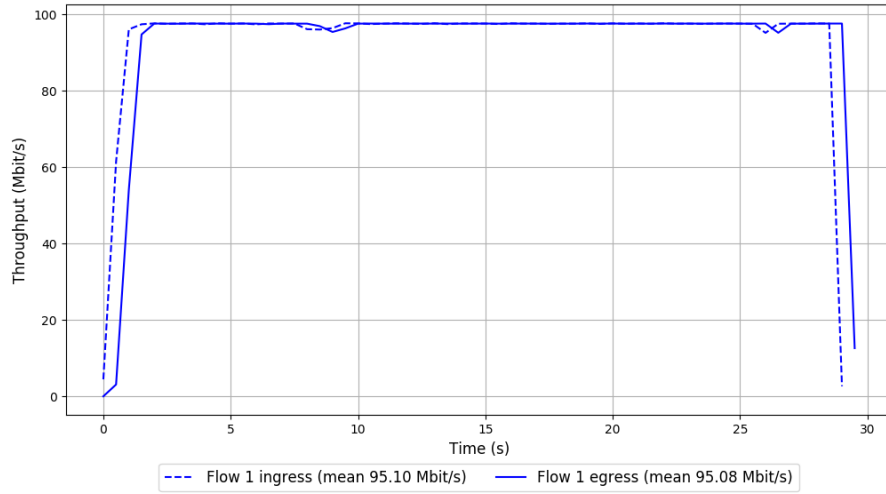
-- Flow 1:

Average throughput: 95.08 Mbit/s

95th percentile per-packet one-way delay: 51.570 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesD — Data Link



Run 1: Statistics of Indigo-MusesT

Start at: 2019-04-23 19:14:57
End at: 2019-04-23 19:15:27
Local clock offset: 13.191 ms
Remote clock offset: -14.102 ms

Below is generated by plot.py at 2019-04-23 21:16:28

Datalink statistics

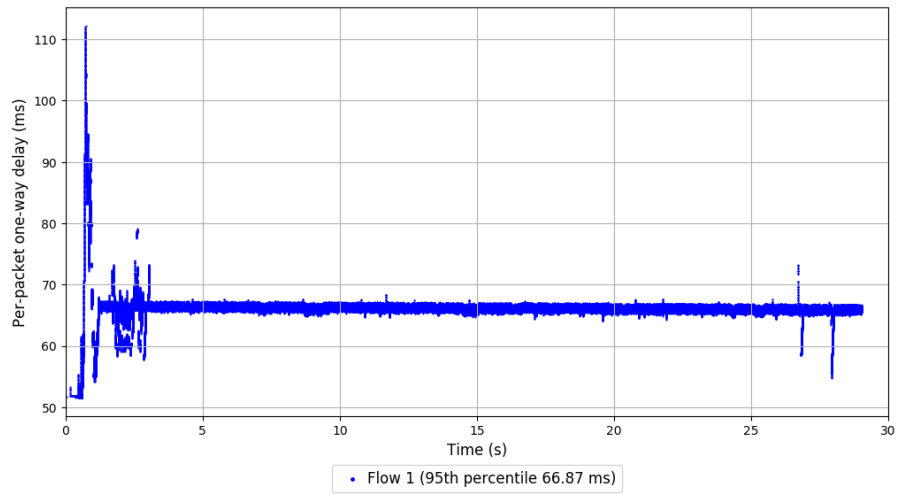
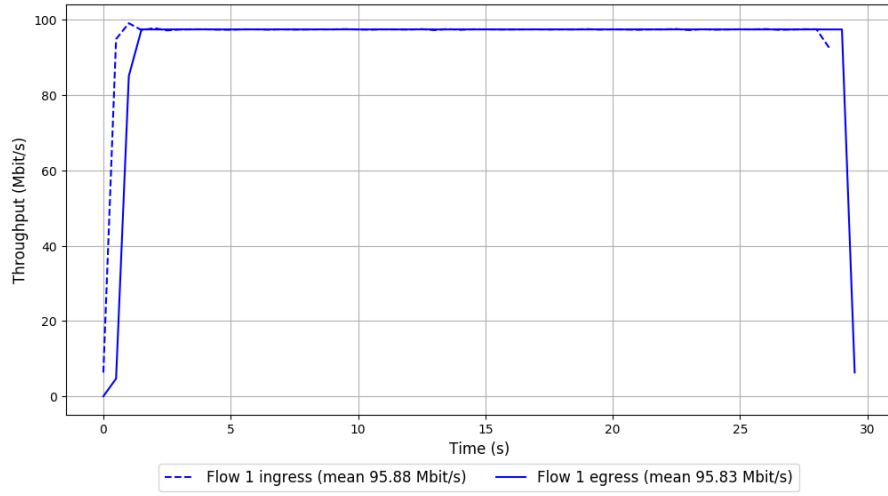
-- Total of 1 flow:

Average throughput: 95.83 Mbit/s
95th percentile per-packet one-way delay: 66.872 ms
Loss rate: 0.03%

-- Flow 1:

Average throughput: 95.83 Mbit/s
95th percentile per-packet one-way delay: 66.872 ms
Loss rate: 0.03%

Run 1: Report of Indigo-MusesT — Data Link



Run 2: Statistics of Indigo-MusesT

Start at: 2019-04-23 19:39:43

End at: 2019-04-23 19:40:13

Local clock offset: 2.551 ms

Remote clock offset: -8.975 ms

Below is generated by plot.py at 2019-04-23 21:16:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.67 Mbit/s

95th percentile per-packet one-way delay: 64.063 ms

Loss rate: 0.64%

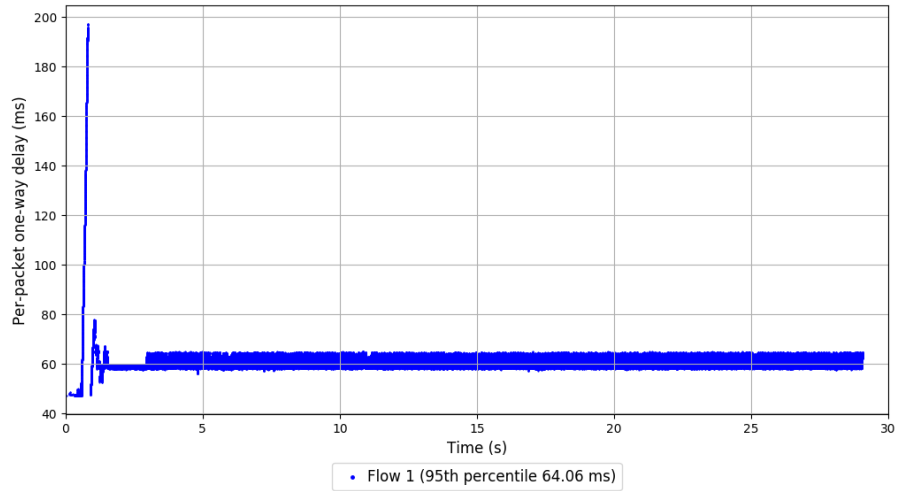
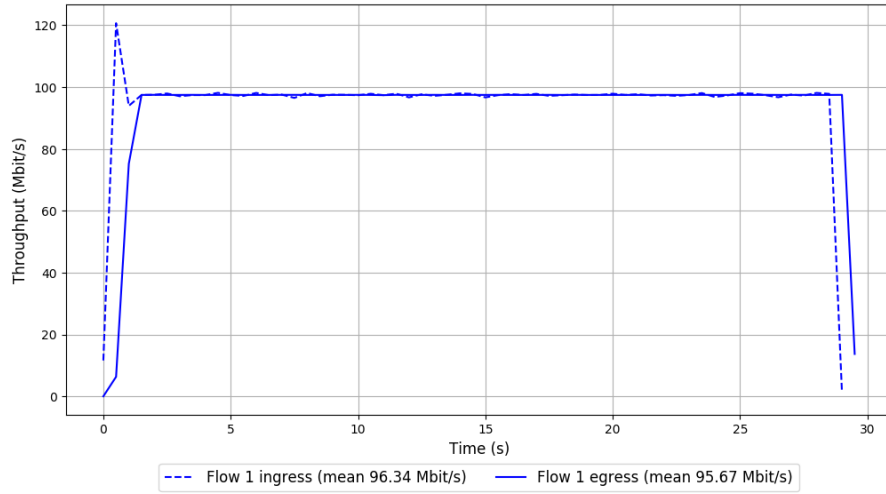
-- Flow 1:

Average throughput: 95.67 Mbit/s

95th percentile per-packet one-way delay: 64.063 ms

Loss rate: 0.64%

Run 2: Report of Indigo-MusesT — Data Link



Run 3: Statistics of Indigo-MuseST

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

End at: 2019-04-23 20:05:10

Local clock offset: 3.67 ms

Remote clock offset: -7.622 ms

Below is generated by plot.py at 2019-04-23 21:17:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.37 Mbit/s

95th percentile per-packet one-way delay: 72.471 ms

Loss rate: 1.78%

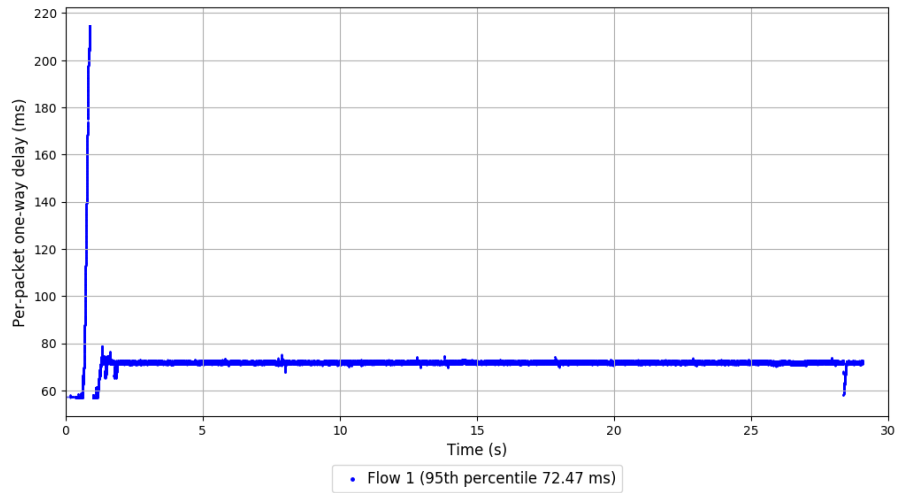
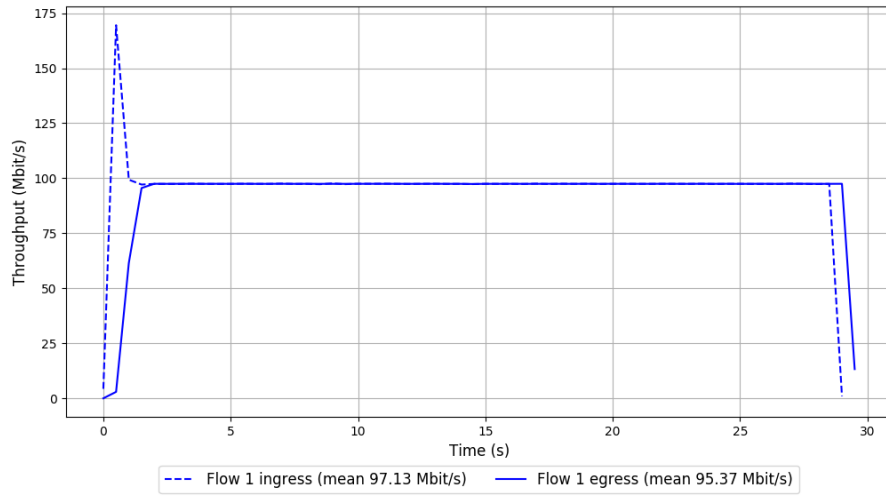
-- Flow 1:

Average throughput: 95.37 Mbit/s

95th percentile per-packet one-way delay: 72.471 ms

Loss rate: 1.78%

Run 3: Report of Indigo-MusesT — Data Link

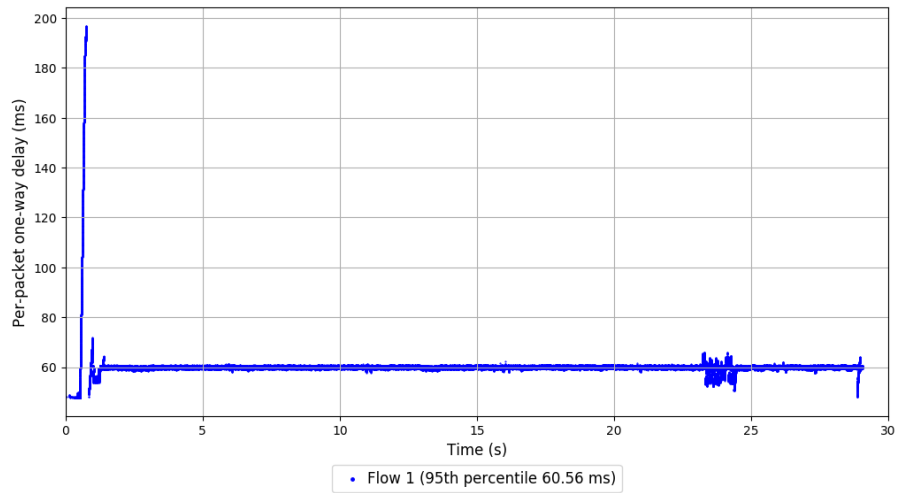
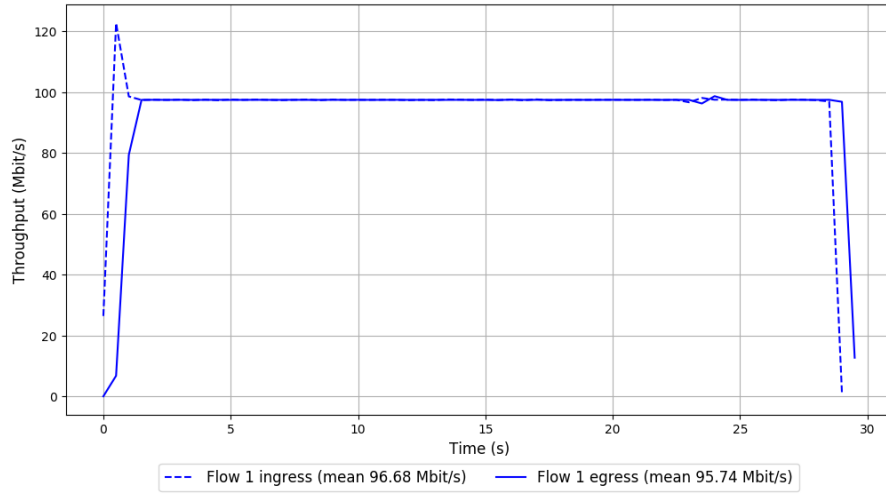


Run 4: Statistics of Indigo-MuseST

Start at: 2019-04-23 20:29:57
End at: 2019-04-23 20:30:27
Local clock offset: 10.475 ms
Remote clock offset: -7.605 ms

Below is generated by plot.py at 2019-04-23 21:17:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.74 Mbit/s
95th percentile per-packet one-way delay: 60.564 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 95.74 Mbit/s
95th percentile per-packet one-way delay: 60.564 ms
Loss rate: 0.93%

Run 4: Report of Indigo-MusesT — Data Link

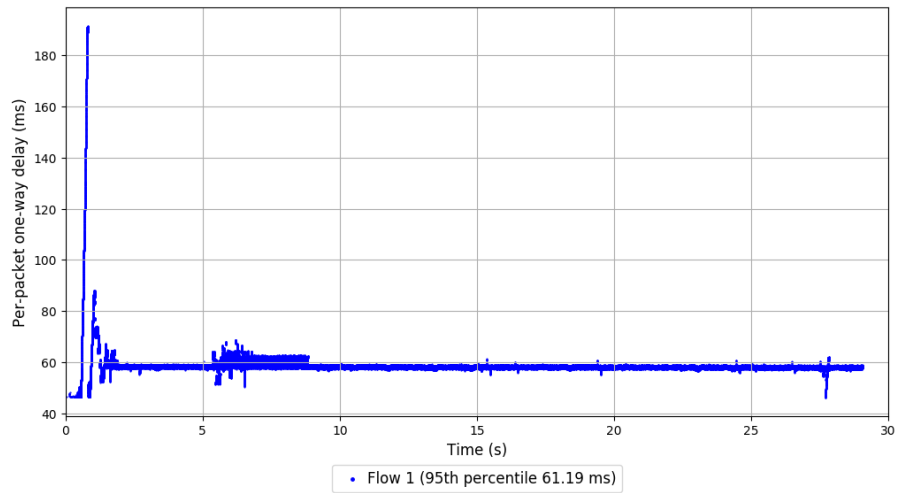
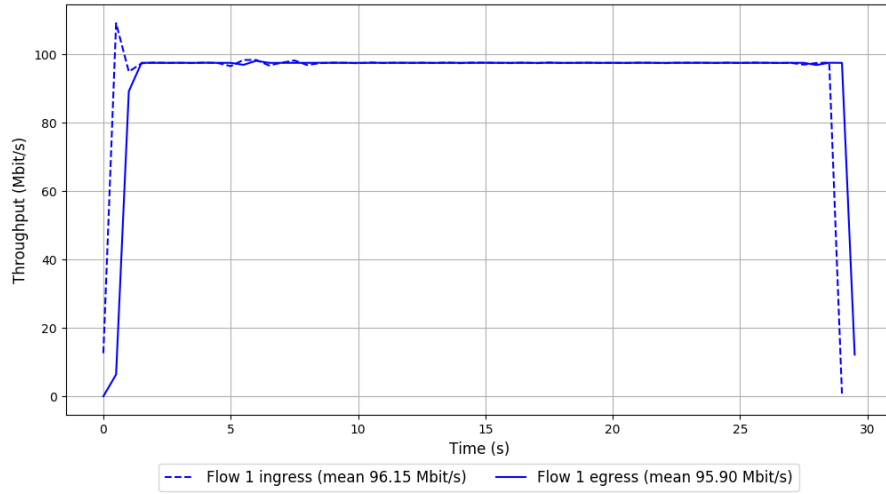


Run 5: Statistics of Indigo-MuseST

Start at: 2019-04-23 20:54:41
End at: 2019-04-23 20:55:12
Local clock offset: 0.631 ms
Remote clock offset: -8.394 ms

Below is generated by plot.py at 2019-04-23 21:17:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.90 Mbit/s
95th percentile per-packet one-way delay: 61.191 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 95.90 Mbit/s
95th percentile per-packet one-way delay: 61.191 ms
Loss rate: 0.22%

Run 5: Report of Indigo-MusesT — Data Link

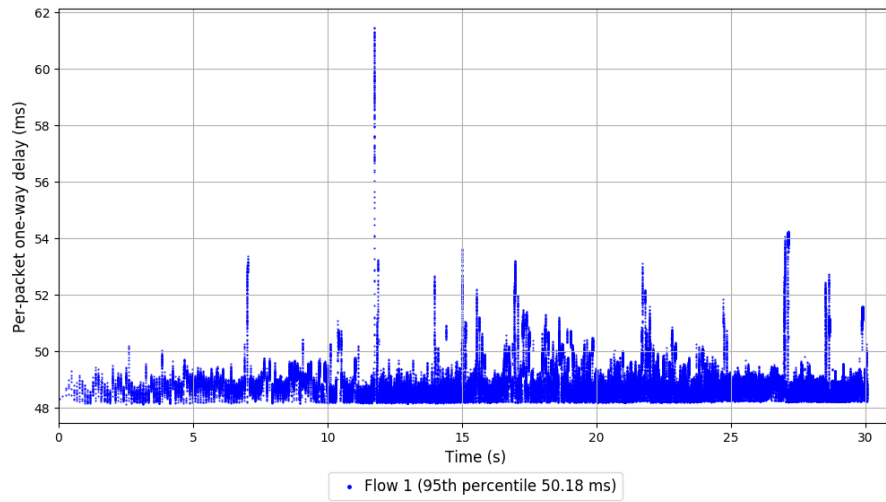
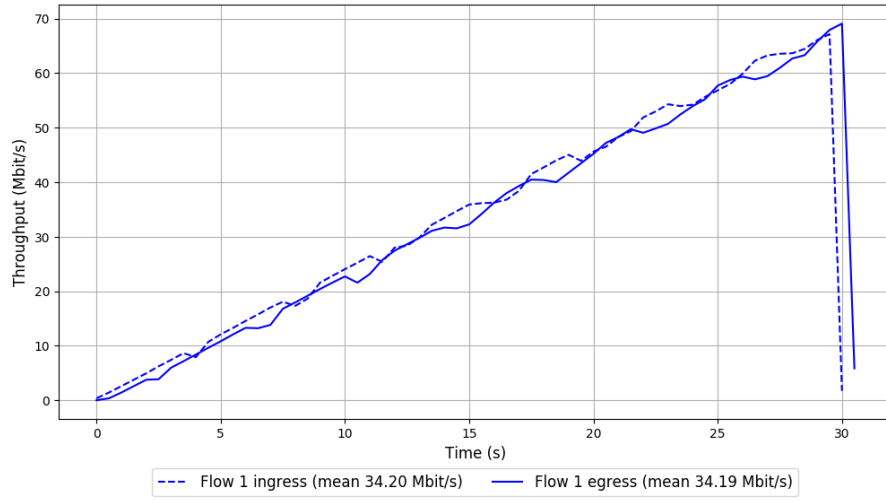


Run 1: Statistics of LEDBAT

Start at: 2019-04-23 19:10:13
End at: 2019-04-23 19:10:43
Local clock offset: 12.252 ms
Remote clock offset: -8.628 ms

Below is generated by plot.py at 2019-04-23 21:17:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 34.19 Mbit/s
95th percentile per-packet one-way delay: 50.181 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.19 Mbit/s
95th percentile per-packet one-way delay: 50.181 ms
Loss rate: 0.00%

Run 1: Report of LEDBAT — Data Link

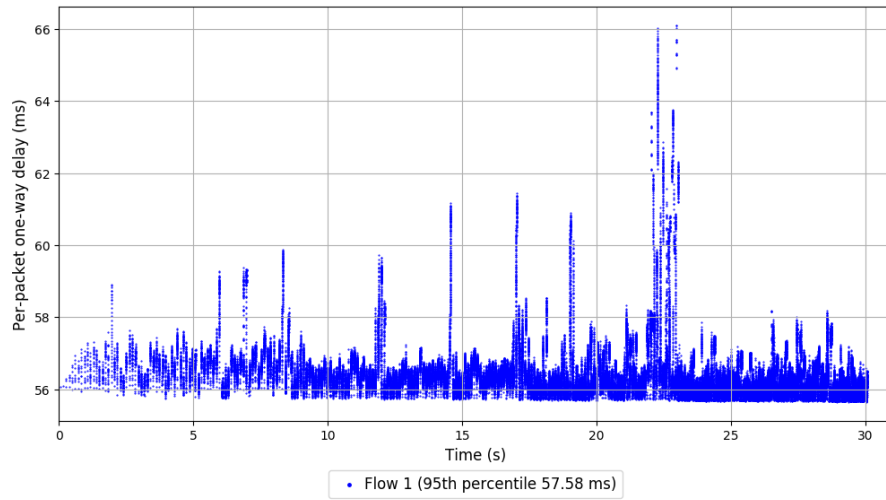
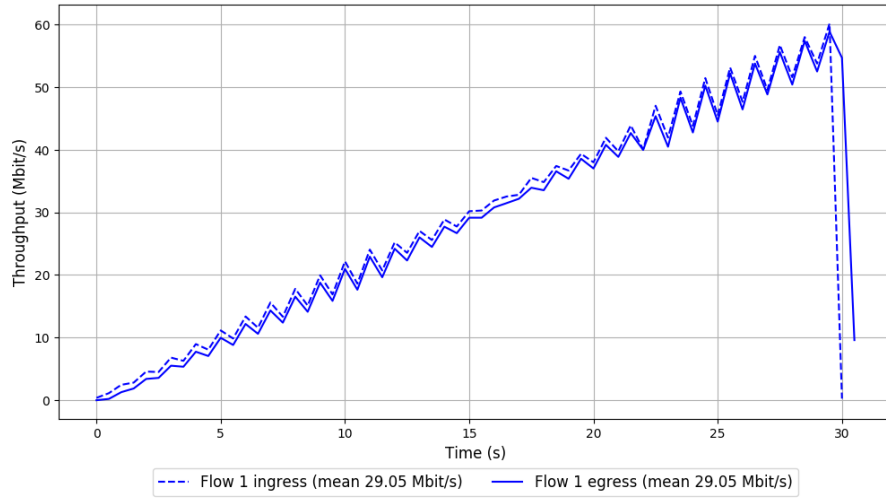


Run 2: Statistics of LEDBAT

Start at: 2019-04-23 19:35:00
End at: 2019-04-23 19:35:30
Local clock offset: 2.981 ms
Remote clock offset: -9.341 ms

Below is generated by plot.py at 2019-04-23 21:17:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 29.05 Mbit/s
95th percentile per-packet one-way delay: 57.577 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 29.05 Mbit/s
95th percentile per-packet one-way delay: 57.577 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

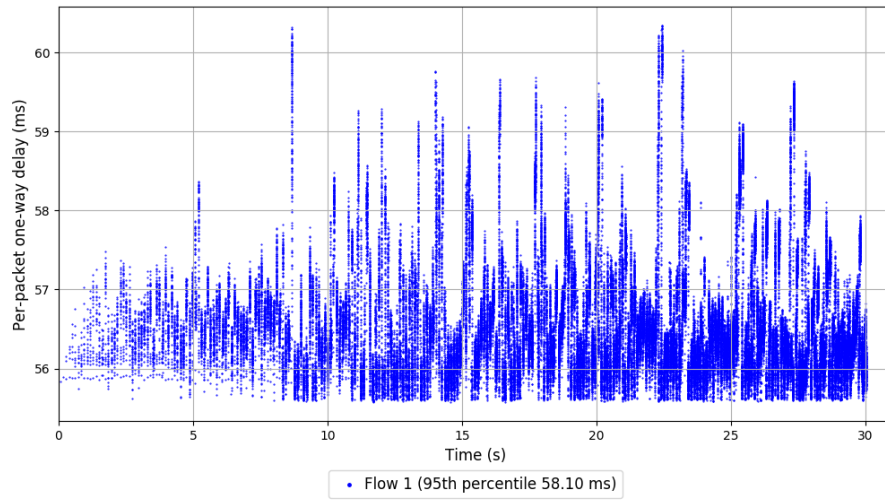
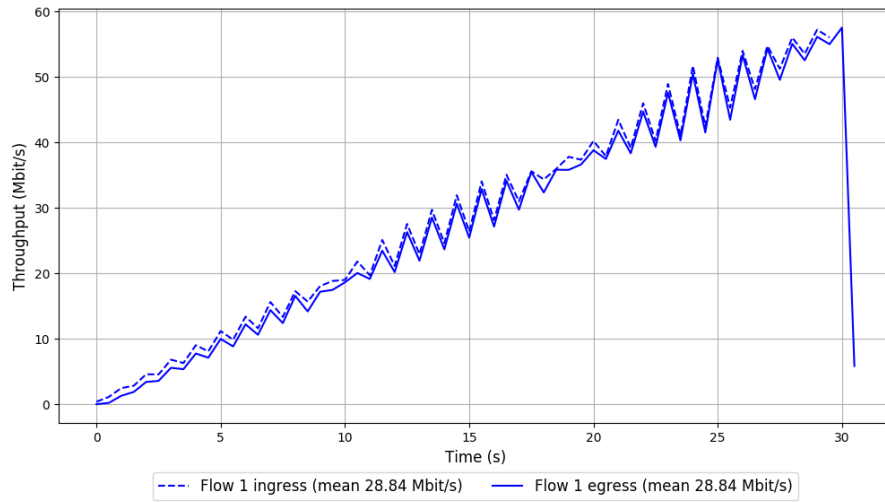


Run 3: Statistics of LEDBAT

Start at: 2019-04-23 19:59:57
End at: 2019-04-23 20:00:28
Local clock offset: 3.383 ms
Remote clock offset: -8.973 ms

Below is generated by plot.py at 2019-04-23 21:17:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 28.84 Mbit/s
95th percentile per-packet one-way delay: 58.096 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 28.84 Mbit/s
95th percentile per-packet one-way delay: 58.096 ms
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

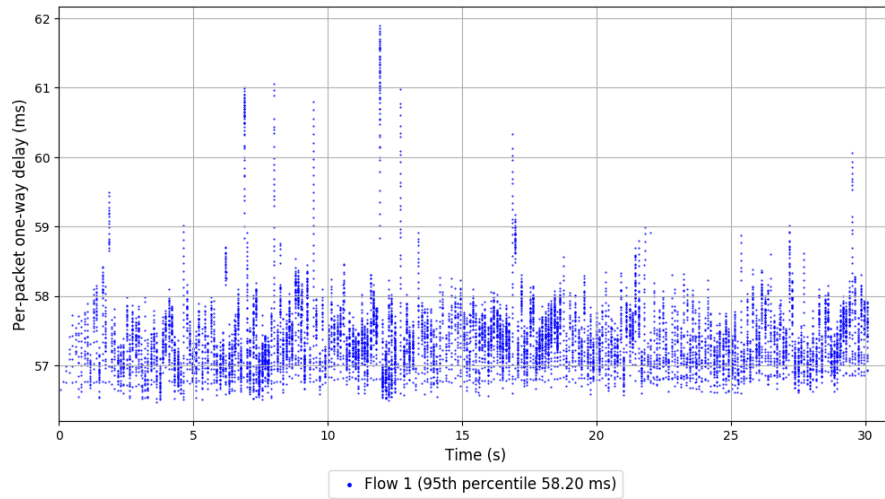
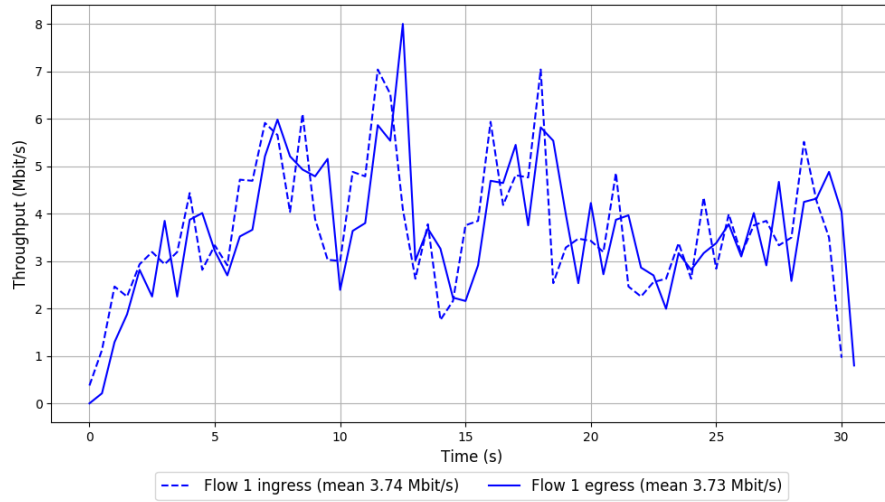


Run 4: Statistics of LEDBAT

Start at: 2019-04-23 20:25:15
End at: 2019-04-23 20:25:45
Local clock offset: 9.315 ms
Remote clock offset: -7.835 ms

```
# Below is generated by plot.py at 2019-04-23 21:17:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.73 Mbit/s
95th percentile per-packet one-way delay: 58.202 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 3.73 Mbit/s
95th percentile per-packet one-way delay: 58.202 ms
Loss rate: 0.32%
```

Run 4: Report of LEDBAT — Data Link

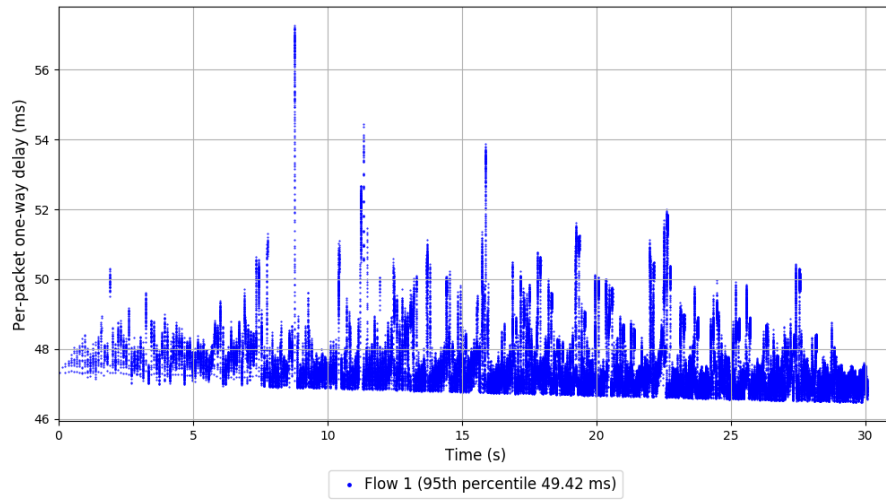
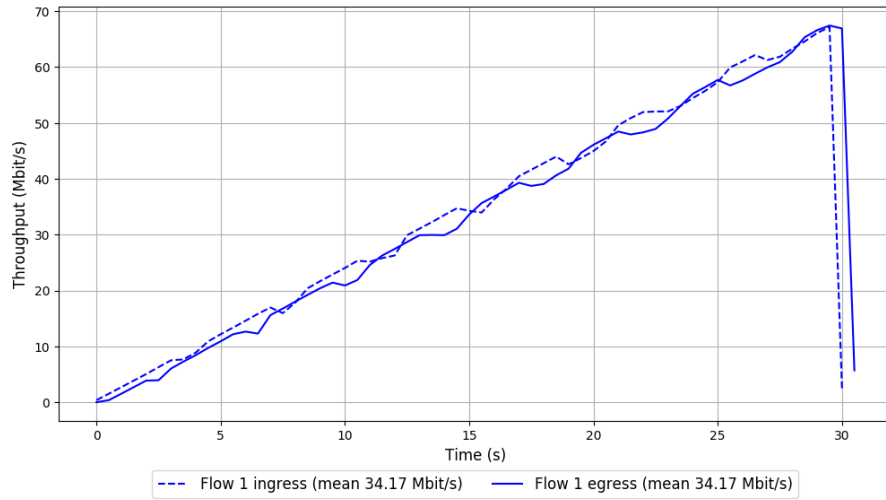


Run 5: Statistics of LEDBAT

Start at: 2019-04-23 20:49:59
End at: 2019-04-23 20:50:29
Local clock offset: 5.586 ms
Remote clock offset: -7.297 ms

```
# Below is generated by plot.py at 2019-04-23 21:17:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.17 Mbit/s
95th percentile per-packet one-way delay: 49.417 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.17 Mbit/s
95th percentile per-packet one-way delay: 49.417 ms
Loss rate: 0.00%
```

Run 5: Report of LEDBAT — Data Link



Run 1: Statistics of PCC-Allegro

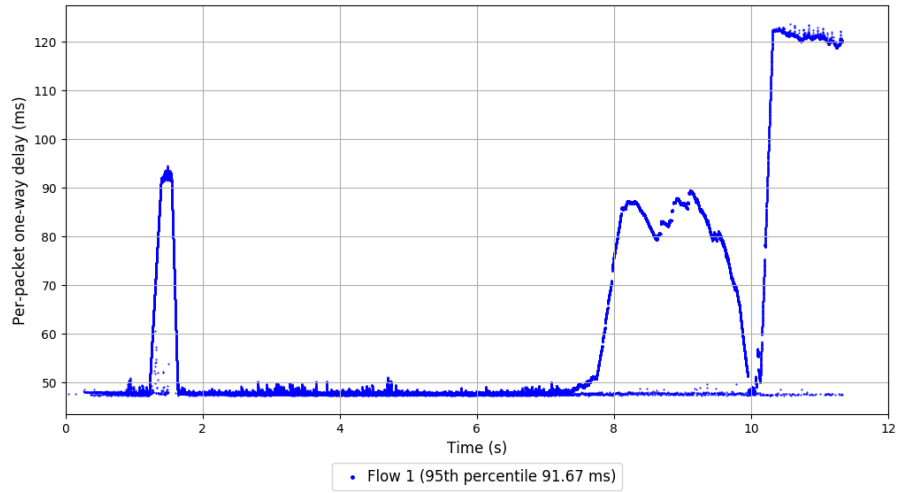
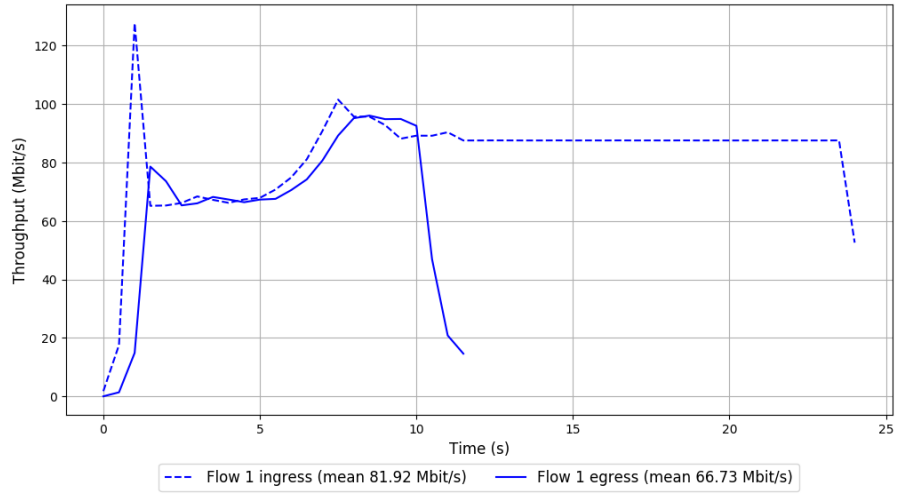
Start at: 2019-04-23 19:09:03

End at: 2019-04-23 19:09:33

Local clock offset: 12.026 ms

Remote clock offset: -9.926 ms

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

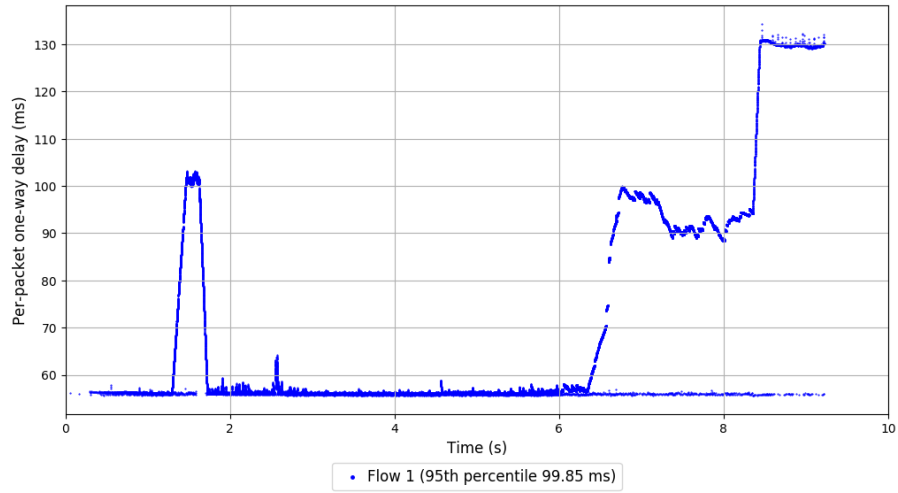
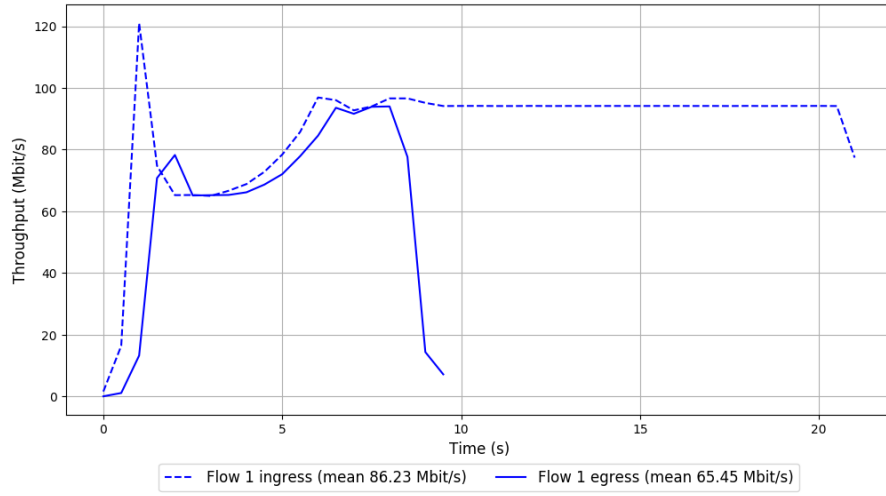
Start at: 2019-04-23 19:33:50

End at: 2019-04-23 19:34:20

Local clock offset: 3.041 ms

Remote clock offset: -9.416 ms

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

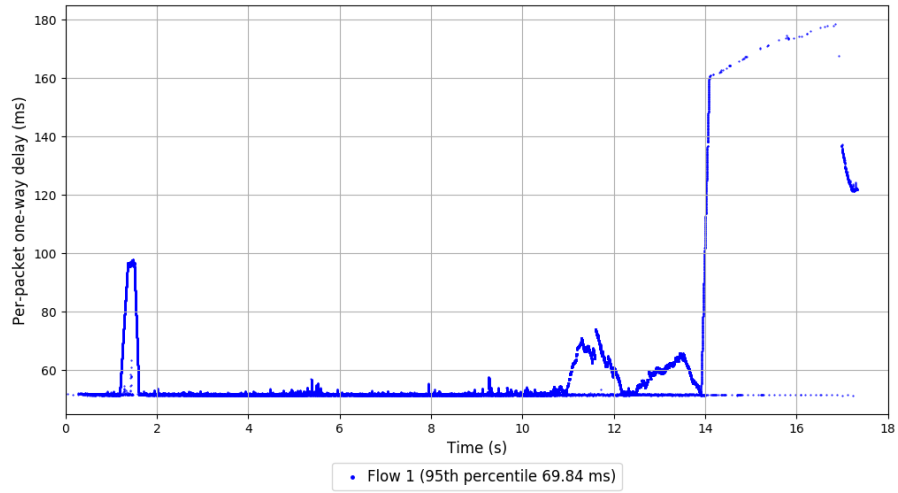
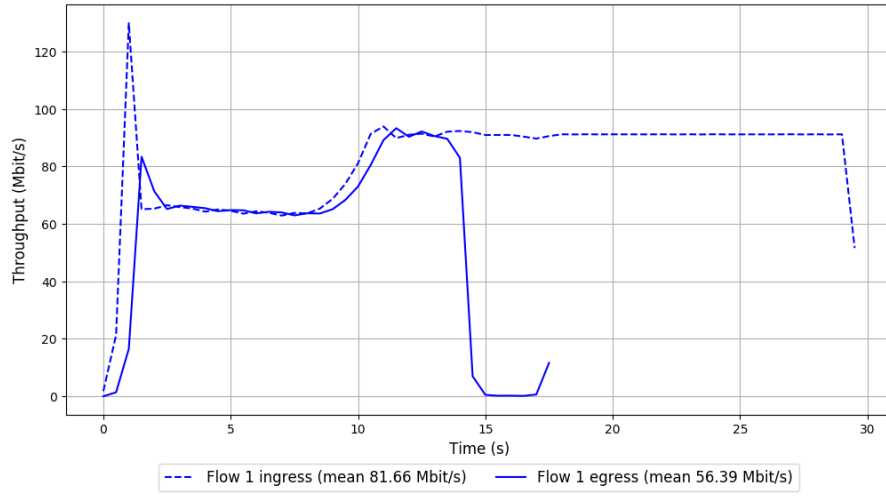
Start at: 2019-04-23 19:58:47

End at: 2019-04-23 19:59:17

Local clock offset: 3.43 ms

Remote clock offset: -4.522 ms

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

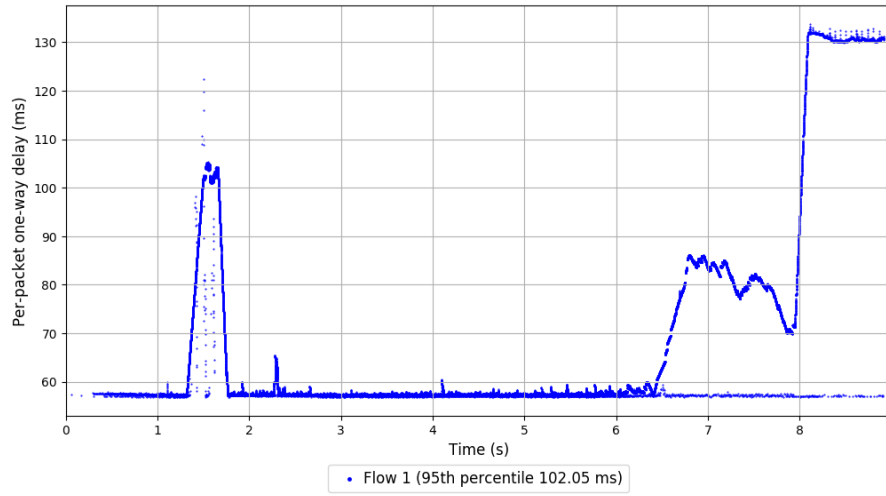
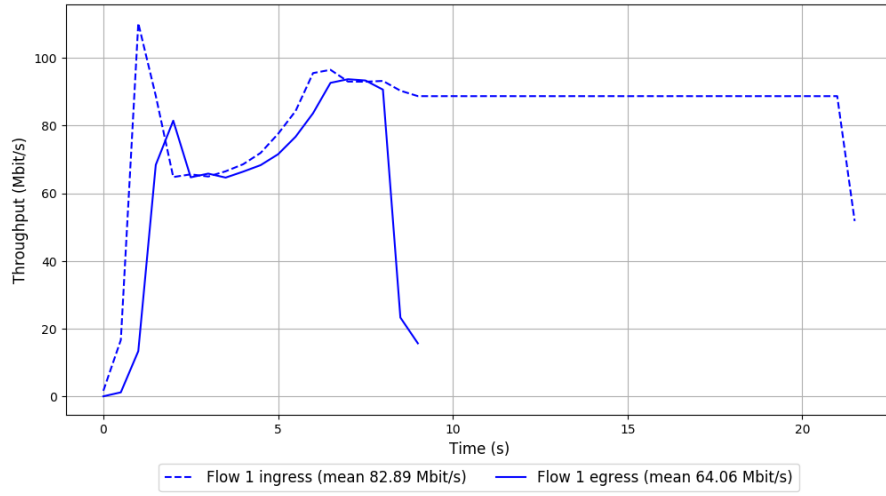
Start at: 2019-04-23 20:24:05

End at: 2019-04-23 20:24:35

Local clock offset: 8.824 ms

Remote clock offset: -7.242 ms

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

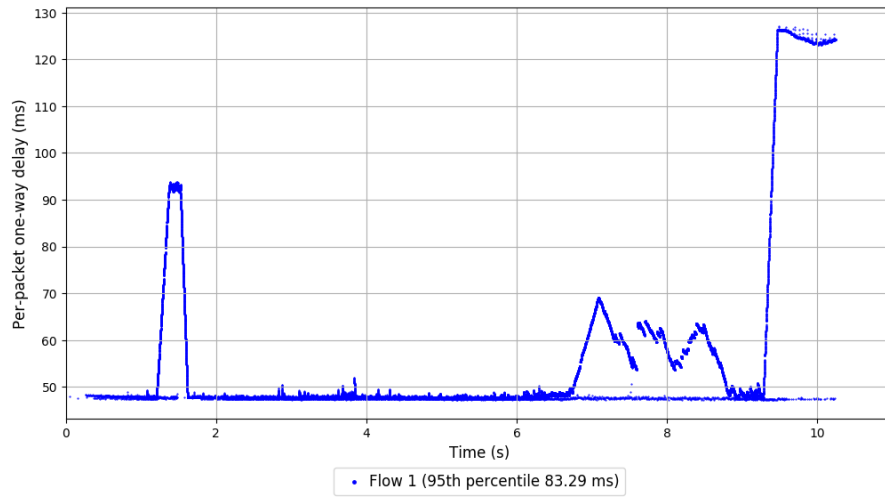
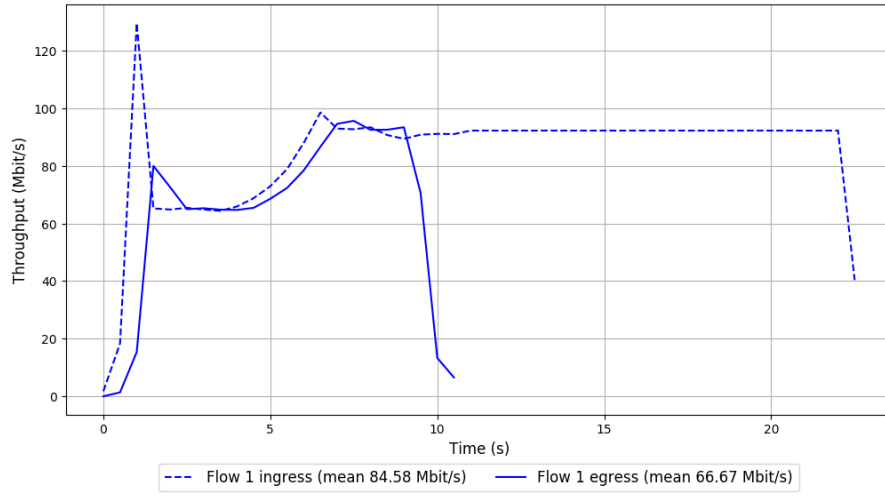
Start at: 2019-04-23 20:48:49

End at: 2019-04-23 20:49:19

Local clock offset: 7.064 ms

Remote clock offset: -7.352 ms

Run 5: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

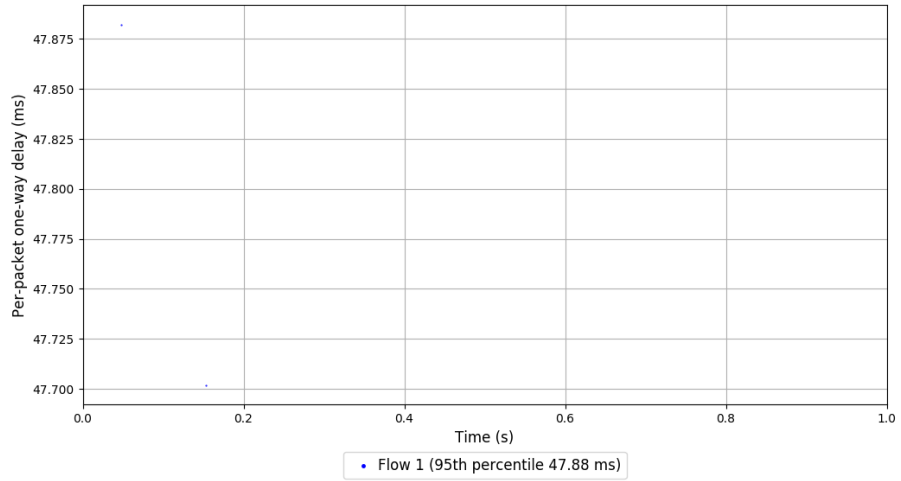
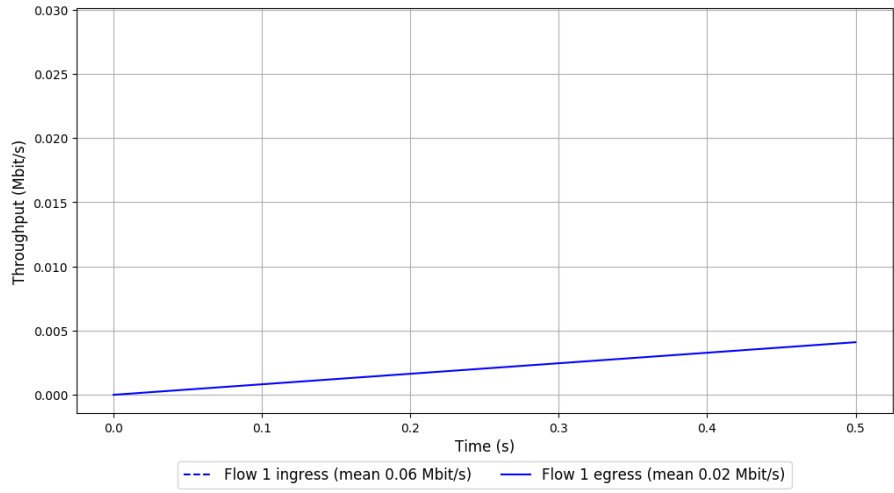
Start at: 2019-04-23 19:05:32

End at: 2019-04-23 19:06:02

Local clock offset: 11.635 ms

Remote clock offset: -8.918 ms

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

Start at: 2019-04-23 19:30:18

End at: 2019-04-23 19:30:48

Local clock offset: 3.861 ms

Remote clock offset: -8.609 ms

Below is generated by plot.py at 2019-04-23 21:17:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.97 Mbit/s

95th percentile per-packet one-way delay: 57.476 ms

Loss rate: 44.59%

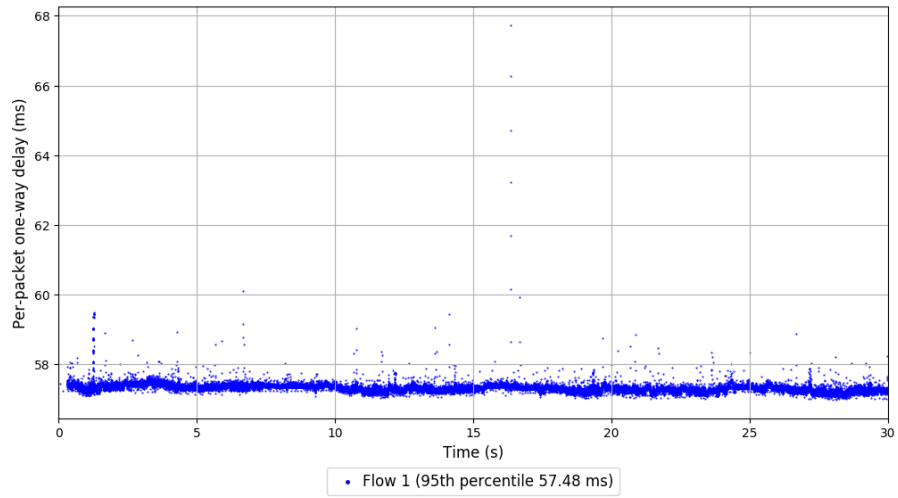
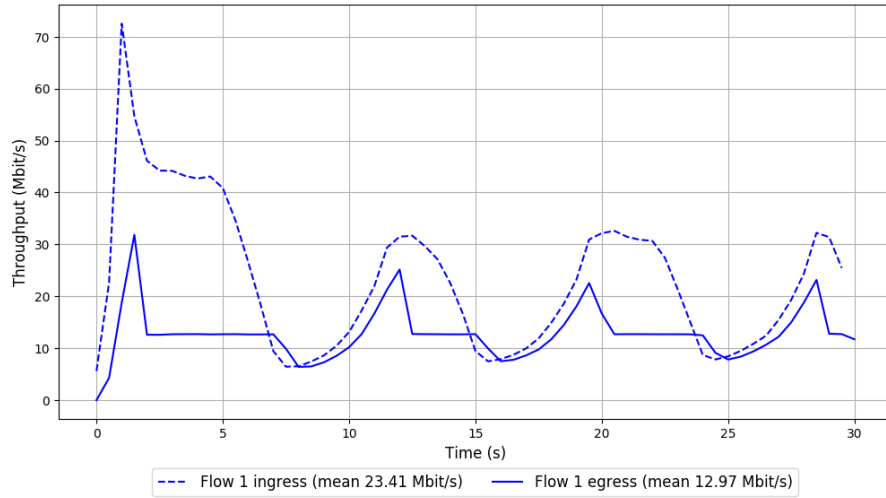
-- Flow 1:

Average throughput: 12.97 Mbit/s

95th percentile per-packet one-way delay: 57.476 ms

Loss rate: 44.59%

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

Start at: 2019-04-23 19:55:06

End at: 2019-04-23 19:55:36

Local clock offset: 3.123 ms

Remote clock offset: -8.818 ms

Below is generated by plot.py at 2019-04-23 21:17:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.64 Mbit/s

95th percentile per-packet one-way delay: 56.674 ms

Loss rate: 46.30%

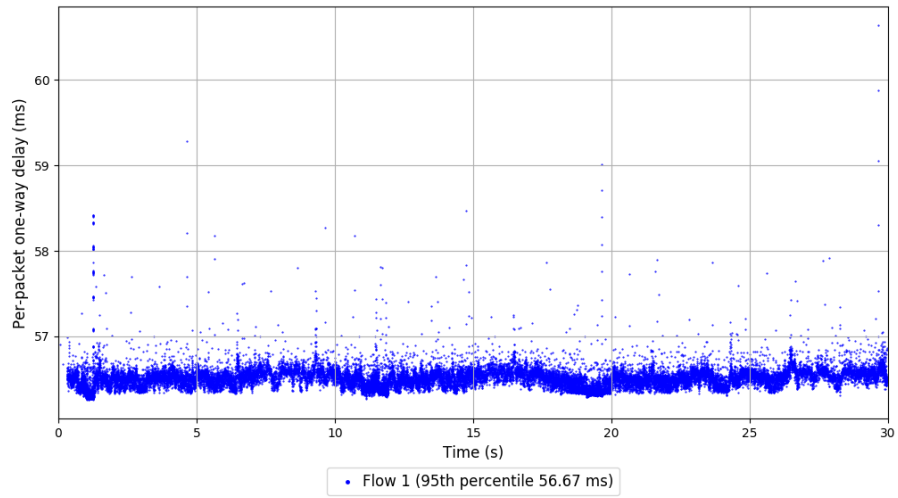
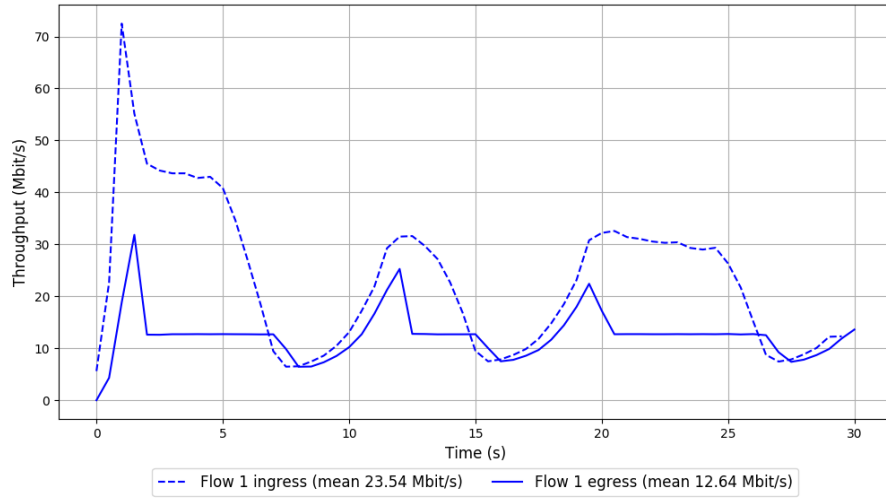
-- Flow 1:

Average throughput: 12.64 Mbit/s

95th percentile per-packet one-way delay: 56.674 ms

Loss rate: 46.30%

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

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

End at: 2019-04-23 20:21:03

Local clock offset: 7.291 ms

Remote clock offset: -8.208 ms

Below is generated by plot.py at 2019-04-23 21:17:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.69 Mbit/s

95th percentile per-packet one-way delay: 57.138 ms

Loss rate: 44.15%

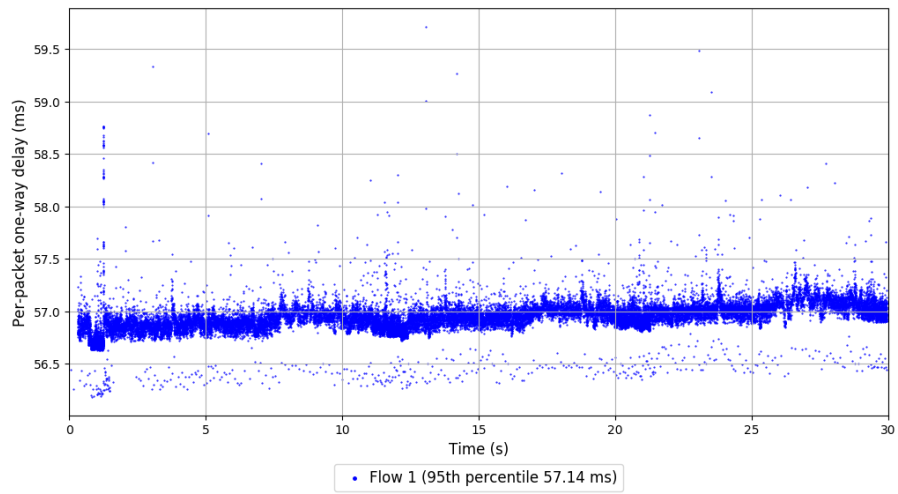
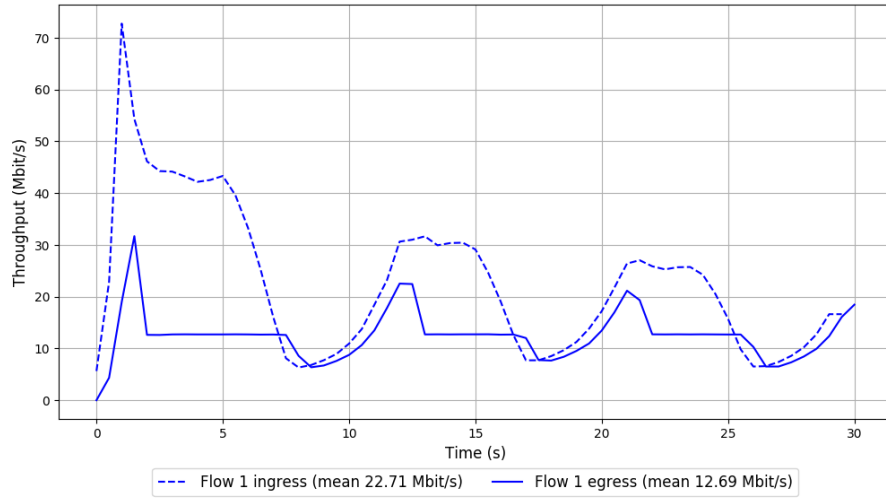
-- Flow 1:

Average throughput: 12.69 Mbit/s

95th percentile per-packet one-way delay: 57.138 ms

Loss rate: 44.15%

Run 4: Report of PCC-Expr — Data Link

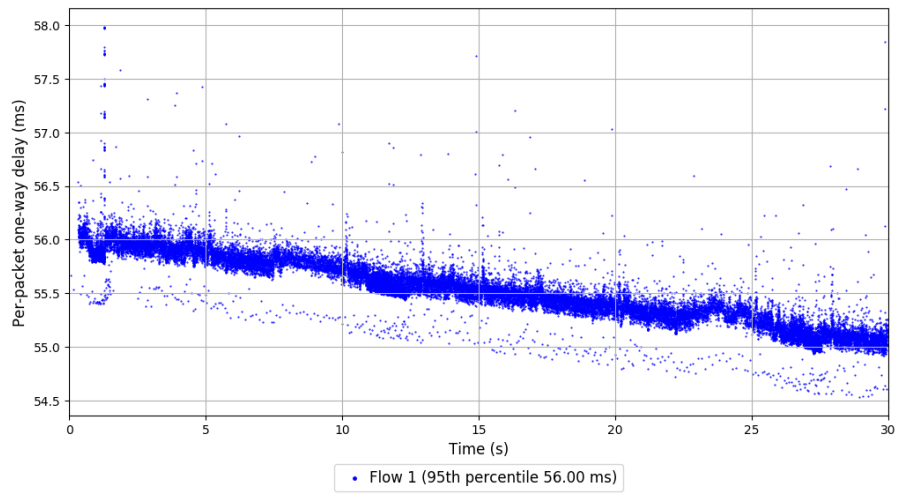
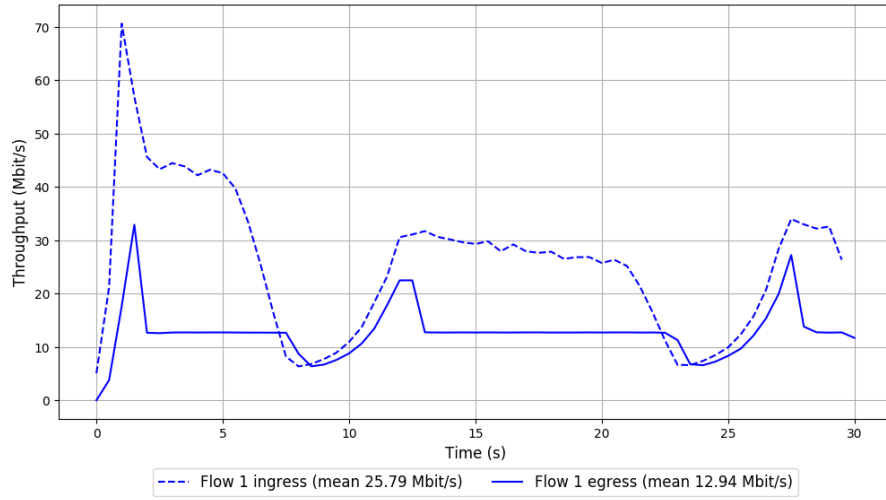


Run 5: Statistics of PCC-Expr

Start at: 2019-04-23 20:45:17
End at: 2019-04-23 20:45:47
Local clock offset: 13.083 ms
Remote clock offset: -7.807 ms

Below is generated by plot.py at 2019-04-23 21:17:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.94 Mbit/s
95th percentile per-packet one-way delay: 55.997 ms
Loss rate: 49.84%
-- Flow 1:
Average throughput: 12.94 Mbit/s
95th percentile per-packet one-way delay: 55.997 ms
Loss rate: 49.84%

Run 5: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2019-04-23 19:17:18

End at: 2019-04-23 19:17:48

Local clock offset: 10.848 ms

Remote clock offset: -9.32 ms

Below is generated by plot.py at 2019-04-23 21:18:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 60.92 Mbit/s

95th percentile per-packet one-way delay: 147.417 ms

Loss rate: 0.05%

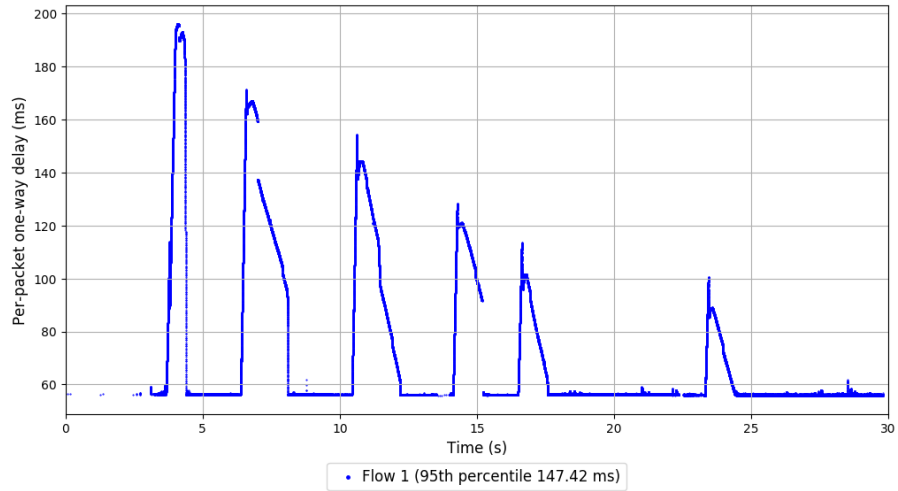
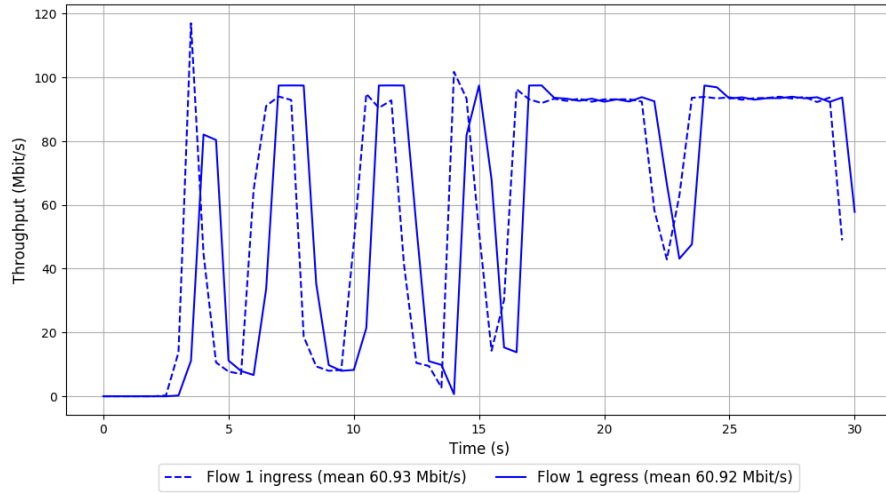
-- Flow 1:

Average throughput: 60.92 Mbit/s

95th percentile per-packet one-way delay: 147.417 ms

Loss rate: 0.05%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2019-04-23 19:42:04

End at: 2019-04-23 19:42:34

Local clock offset: 2.235 ms

Remote clock offset: -8.771 ms

Below is generated by plot.py at 2019-04-23 21:18:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 60.92 Mbit/s

95th percentile per-packet one-way delay: 97.738 ms

Loss rate: 0.03%

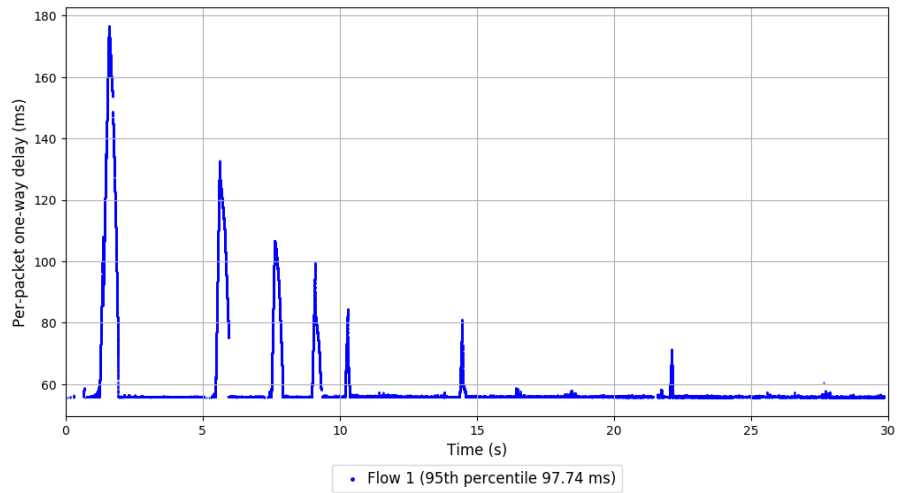
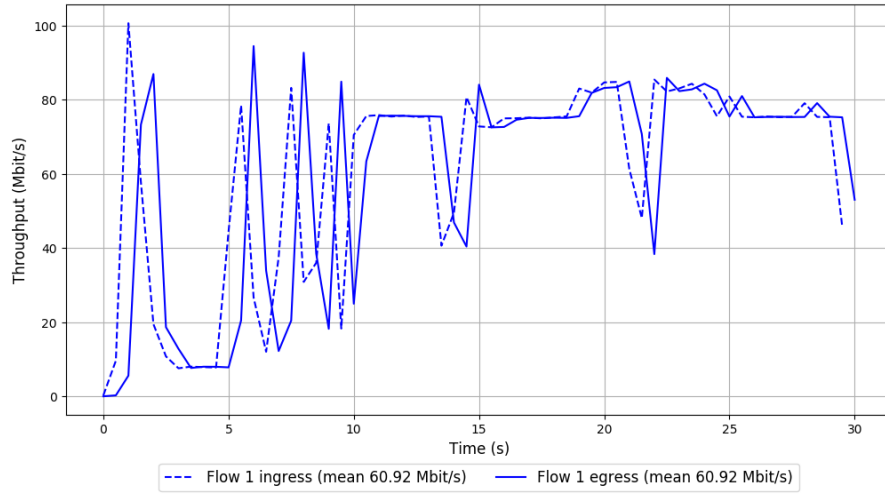
-- Flow 1:

Average throughput: 60.92 Mbit/s

95th percentile per-packet one-way delay: 97.738 ms

Loss rate: 0.03%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2019-04-23 20:07:00

End at: 2019-04-23 20:07:30

Local clock offset: 3.585 ms

Remote clock offset: -8.587 ms

Below is generated by plot.py at 2019-04-23 21:18:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 30.09 Mbit/s

95th percentile per-packet one-way delay: 131.274 ms

Loss rate: 0.04%

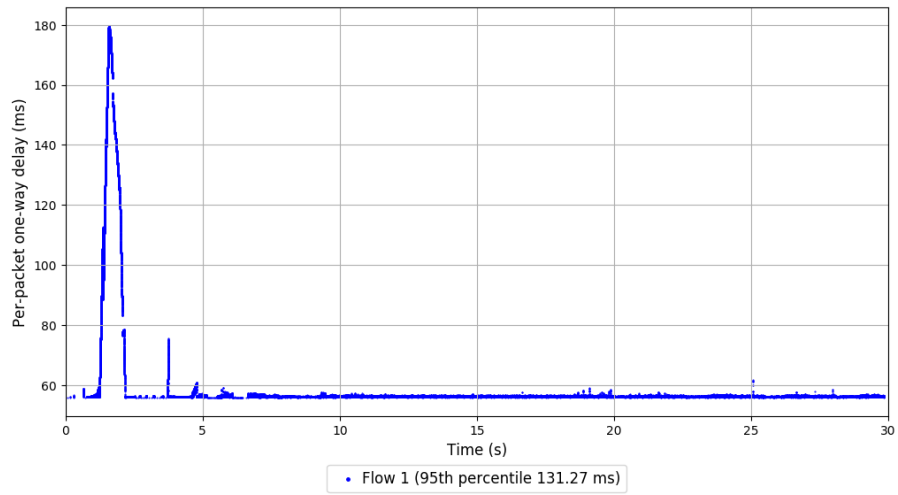
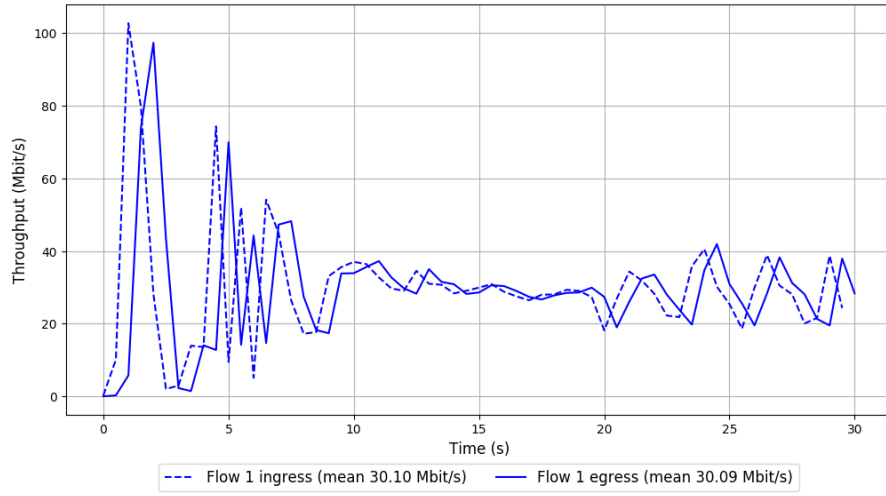
-- Flow 1:

Average throughput: 30.09 Mbit/s

95th percentile per-packet one-way delay: 131.274 ms

Loss rate: 0.04%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2019-04-23 20:32:18

End at: 2019-04-23 20:32:48

Local clock offset: 11.133 ms

Remote clock offset: -8.258 ms

Below is generated by plot.py at 2019-04-23 21:18:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.94 Mbit/s

95th percentile per-packet one-way delay: 107.583 ms

Loss rate: 0.04%

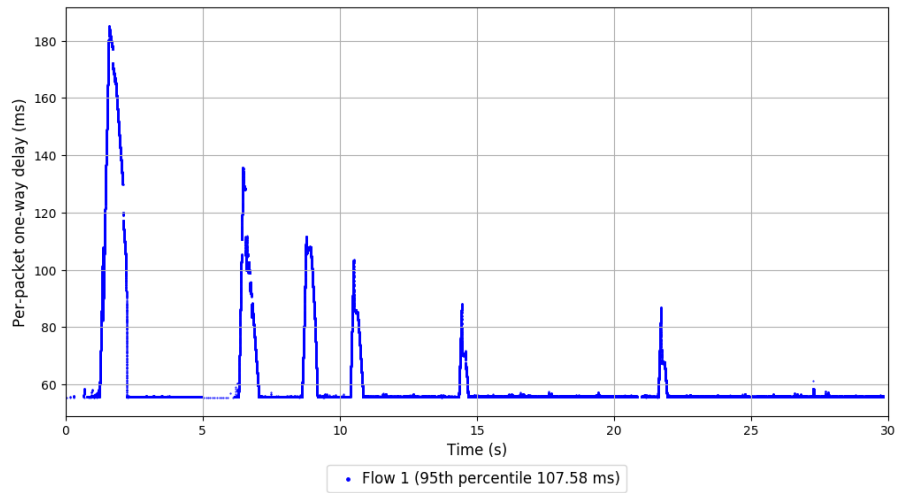
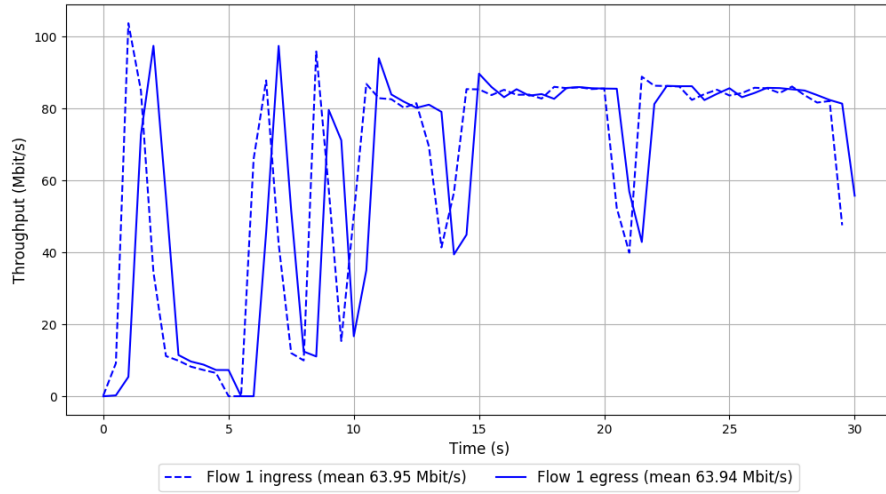
-- Flow 1:

Average throughput: 63.94 Mbit/s

95th percentile per-packet one-way delay: 107.583 ms

Loss rate: 0.04%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2019-04-23 20:57:02

End at: 2019-04-23 20:57:32

Local clock offset: -0.887 ms

Remote clock offset: -7.439 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.06 Mbit/s

95th percentile per-packet one-way delay: 100.183 ms

Loss rate: 0.03%

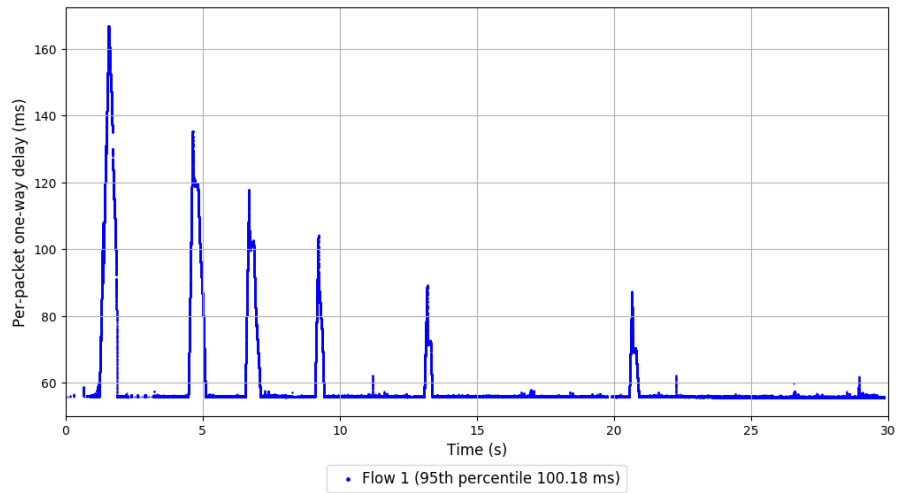
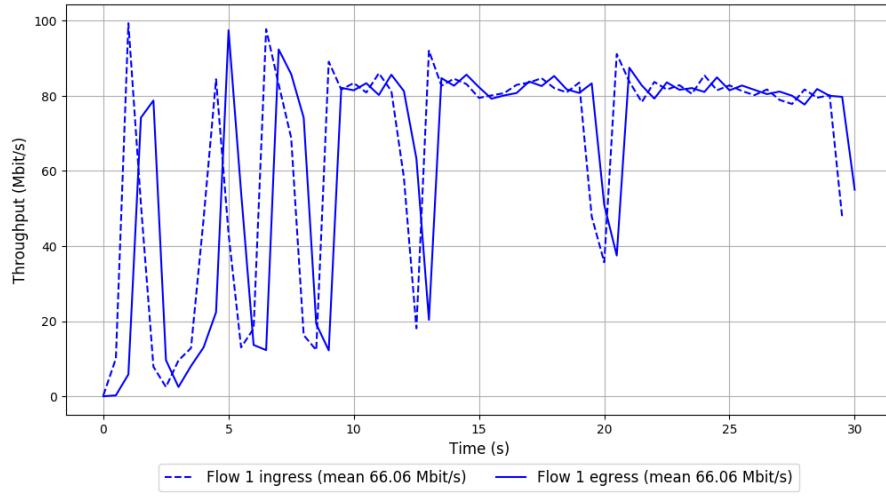
-- Flow 1:

Average throughput: 66.06 Mbit/s

95th percentile per-packet one-way delay: 100.183 ms

Loss rate: 0.03%

Run 5: Report of QUIC Cubic — Data Link



Run 1: Statistics of SCReAM

Start at: 2019-04-23 19:16:10
End at: 2019-04-23 19:16:40
Local clock offset: 12.147 ms
Remote clock offset: -6.093 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 50.302 ms

Loss rate: 0.00%

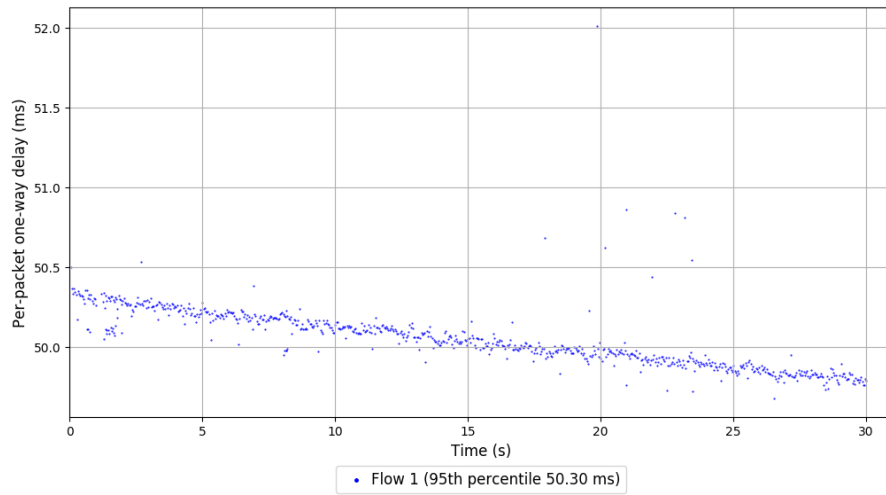
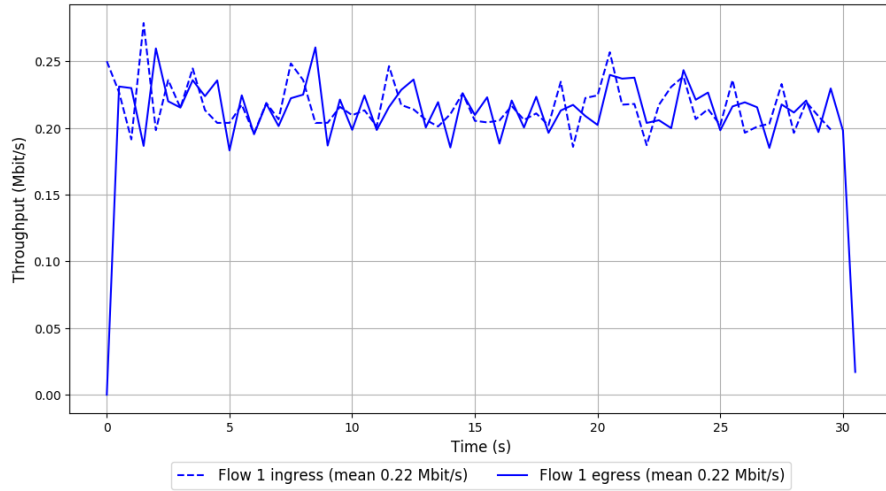
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 50.302 ms

Loss rate: 0.00%

Run 1: Report of SCReAM — Data Link

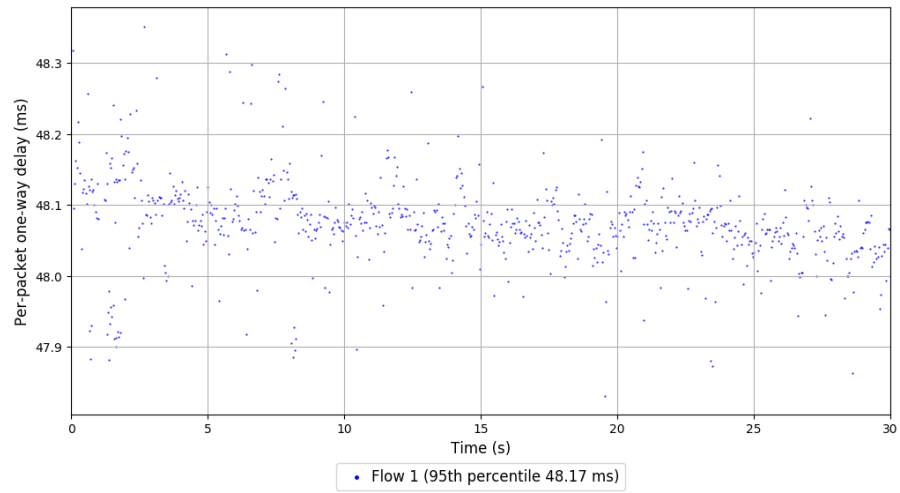
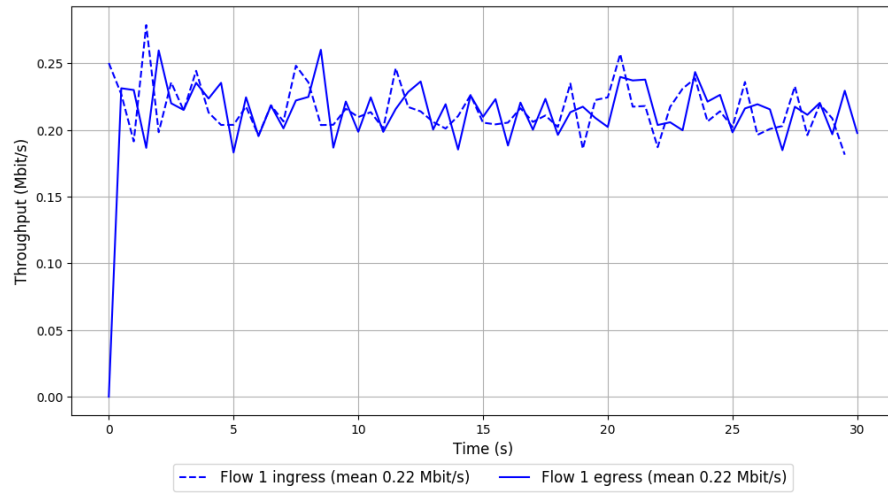


Run 2: Statistics of SCReAM

Start at: 2019-04-23 19:40:56
End at: 2019-04-23 19:41:26
Local clock offset: 2.467 ms
Remote clock offset: -7.672 ms

Below is generated by plot.py at 2019-04-23 21:18:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.167 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 48.167 ms
Loss rate: 0.00%

Run 2: Report of SCReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2019-04-23 20:05:53

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

Local clock offset: 3.804 ms

Remote clock offset: -8.078 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 47.938 ms

Loss rate: 0.00%

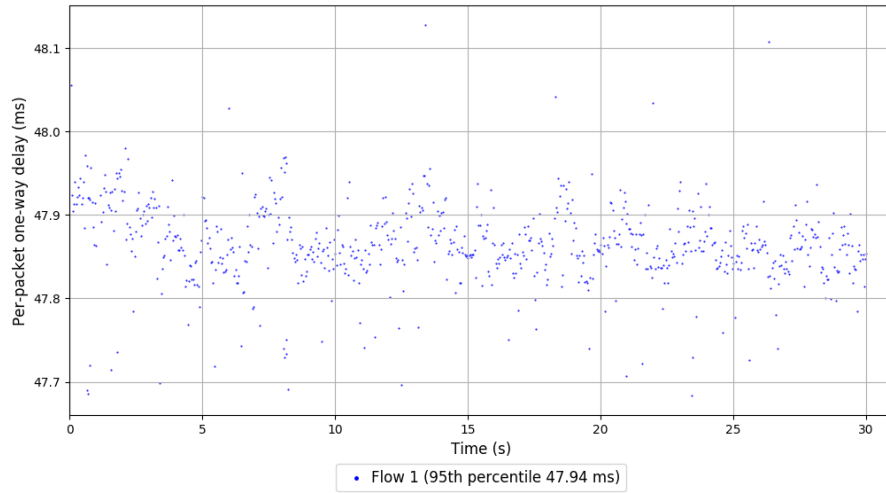
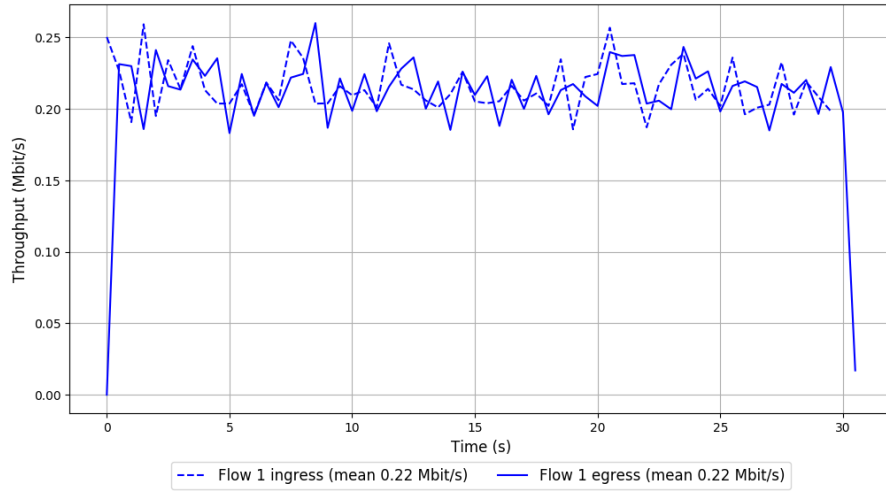
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 47.938 ms

Loss rate: 0.00%

Run 3: Report of SCReAM — Data Link

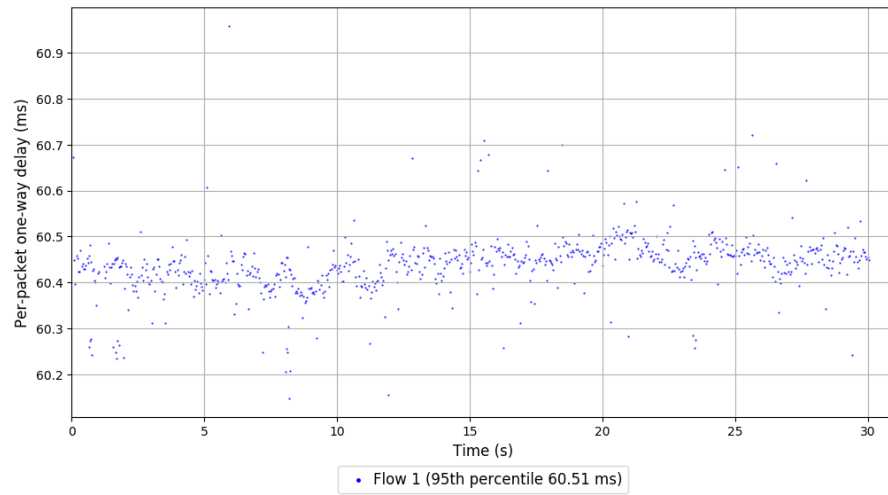
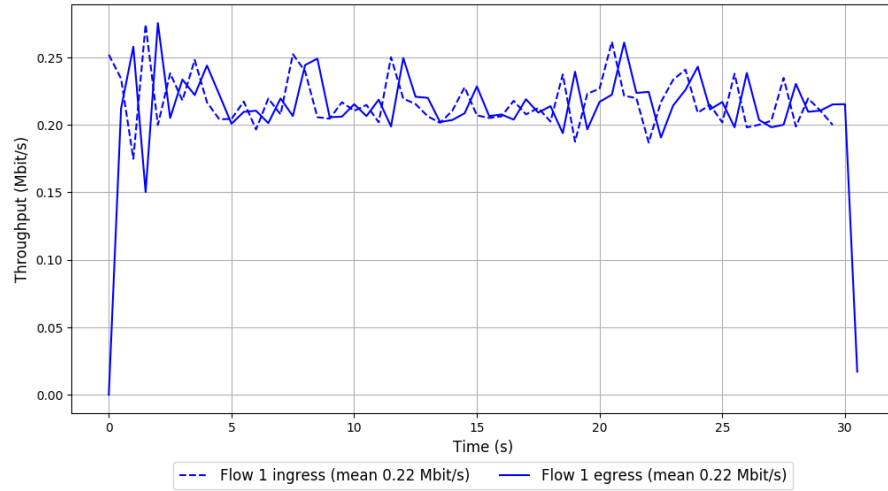


Run 4: Statistics of SCReAM

Start at: 2019-04-23 20:31:10
End at: 2019-04-23 20:31:40
Local clock offset: 10.738 ms
Remote clock offset: -3.906 ms

Below is generated by plot.py at 2019-04-23 21:18:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 60.508 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 60.508 ms
Loss rate: 0.00%

Run 4: Report of SCReAM — Data Link

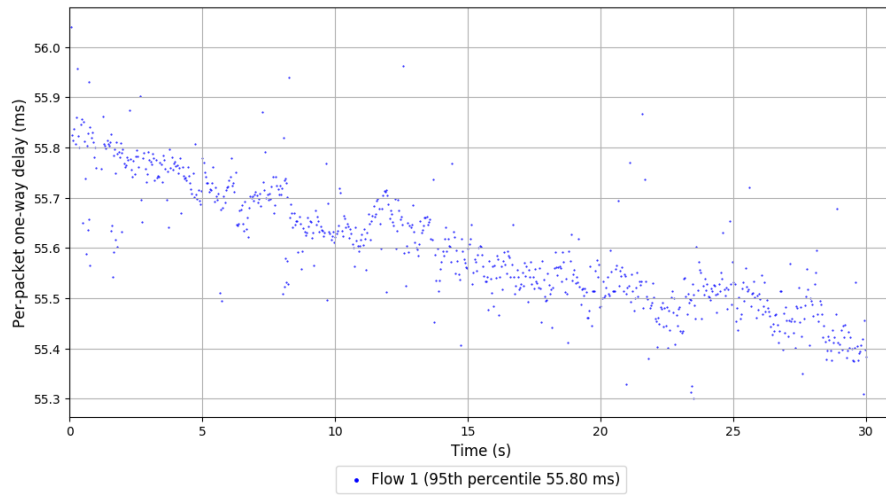
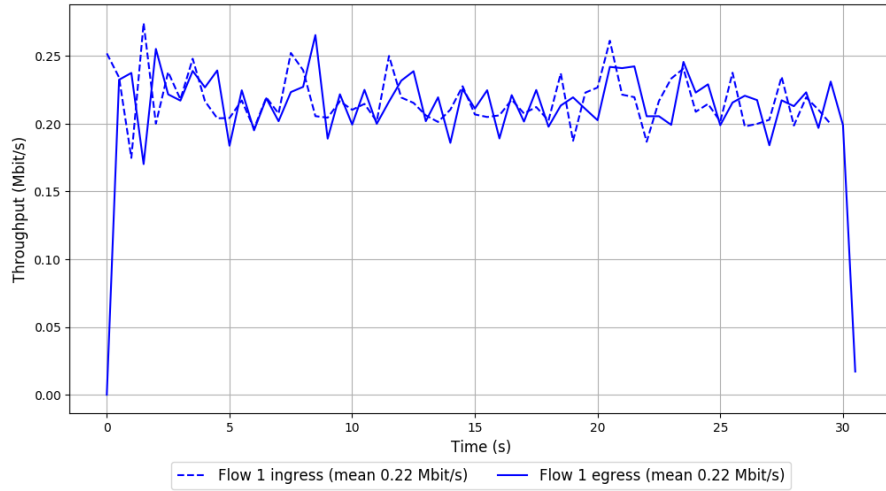


Run 5: Statistics of SCReAM

Start at: 2019-04-23 20:55:54
End at: 2019-04-23 20:56:24
Local clock offset: -0.303 ms
Remote clock offset: -8.133 ms

Below is generated by plot.py at 2019-04-23 21:18:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 55.800 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 55.800 ms
Loss rate: 0.00%

Run 5: Report of SCReAM — Data Link

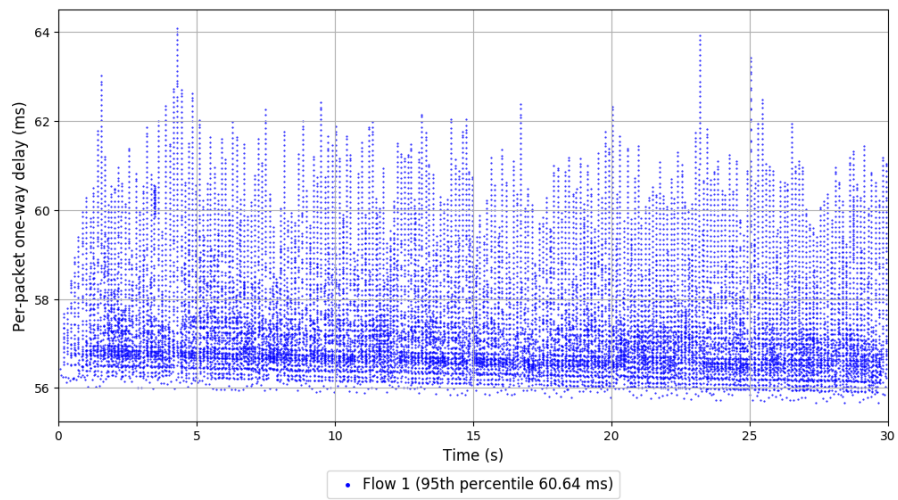
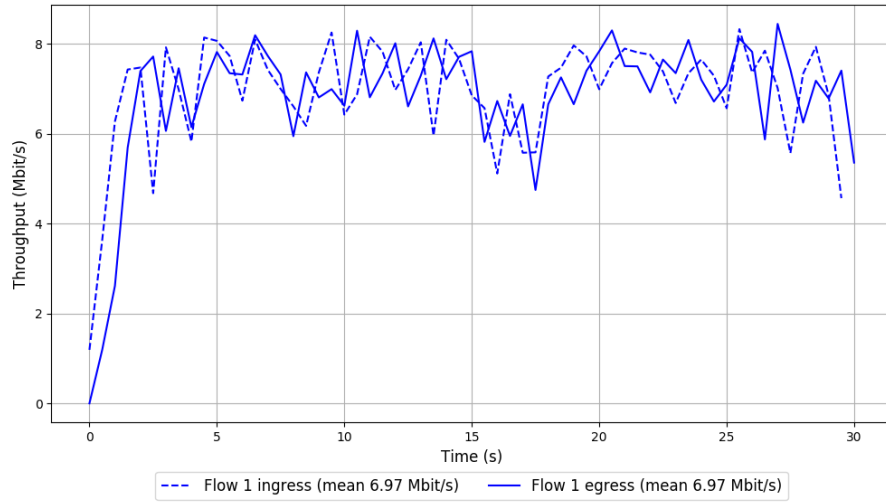


Run 1: Statistics of Sprout

Start at: 2019-04-23 19:18:29
End at: 2019-04-23 19:18:59
Local clock offset: 9.638 ms
Remote clock offset: -9.688 ms

Below is generated by plot.py at 2019-04-23 21:18:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.97 Mbit/s
95th percentile per-packet one-way delay: 60.637 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 6.97 Mbit/s
95th percentile per-packet one-way delay: 60.637 ms
Loss rate: 0.11%

Run 1: Report of Sprout — Data Link

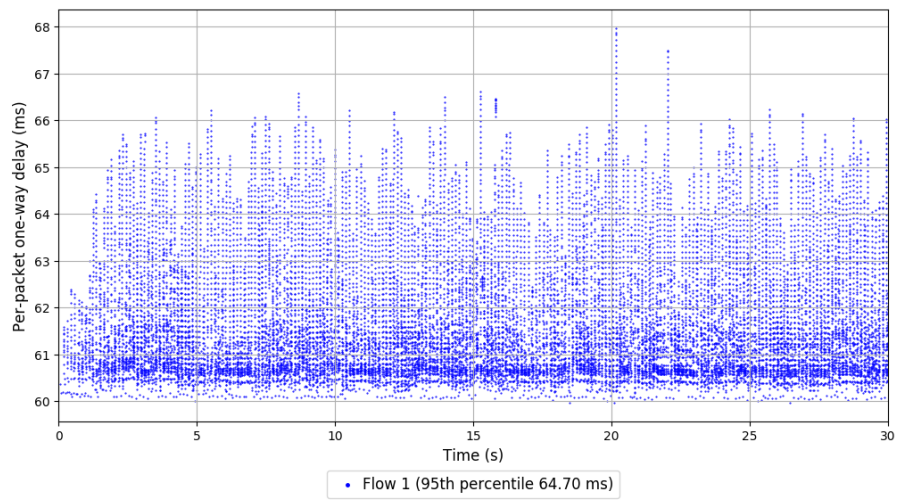
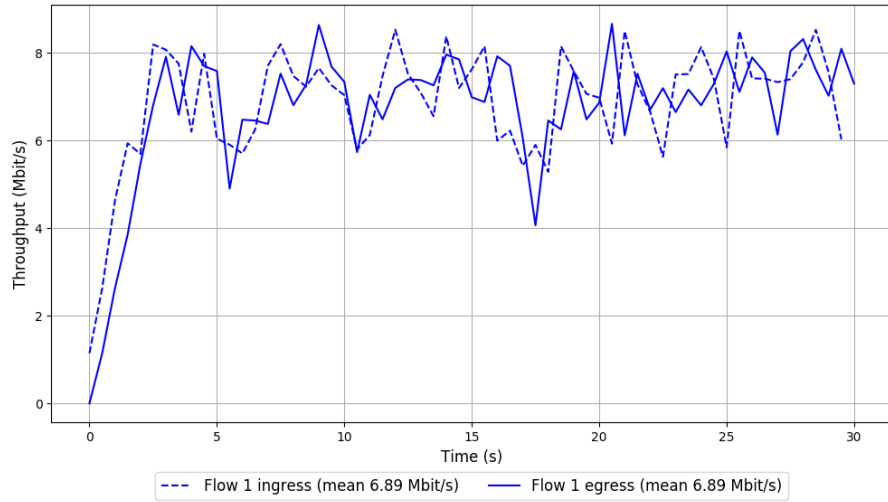


Run 2: Statistics of Sprout

Start at: 2019-04-23 19:43:15
End at: 2019-04-23 19:43:45
Local clock offset: 2.03 ms
Remote clock offset: -4.664 ms

Below is generated by plot.py at 2019-04-23 21:18:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.89 Mbit/s
95th percentile per-packet one-way delay: 64.704 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.89 Mbit/s
95th percentile per-packet one-way delay: 64.704 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2019-04-23 20:08:28

End at: 2019-04-23 20:08:58

Local clock offset: 3.658 ms

Remote clock offset: -7.648 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 49.029 ms

Loss rate: 0.00%

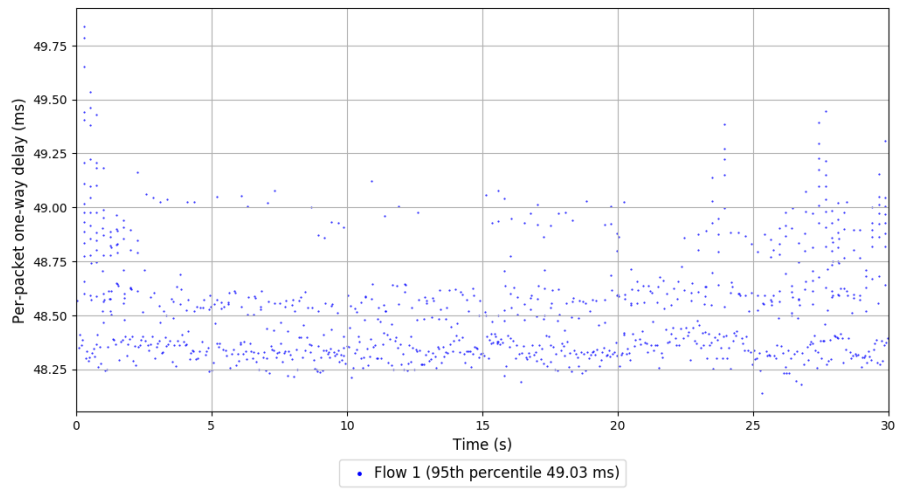
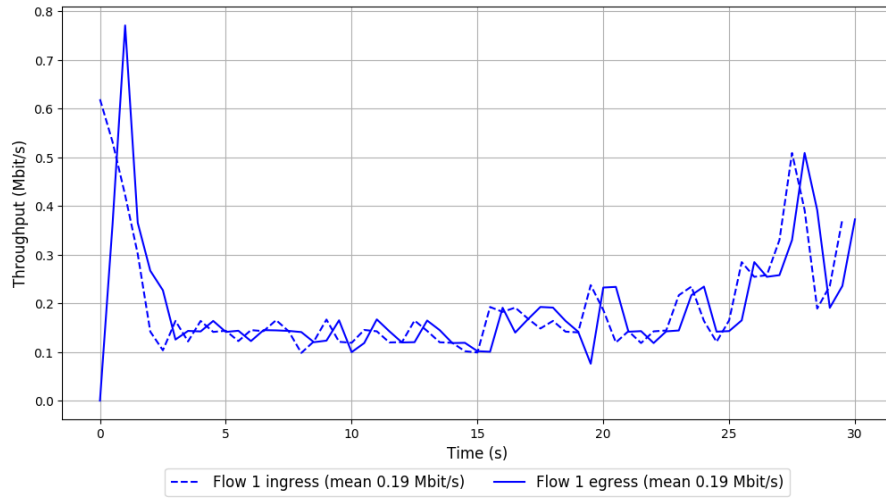
-- Flow 1:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 49.029 ms

Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

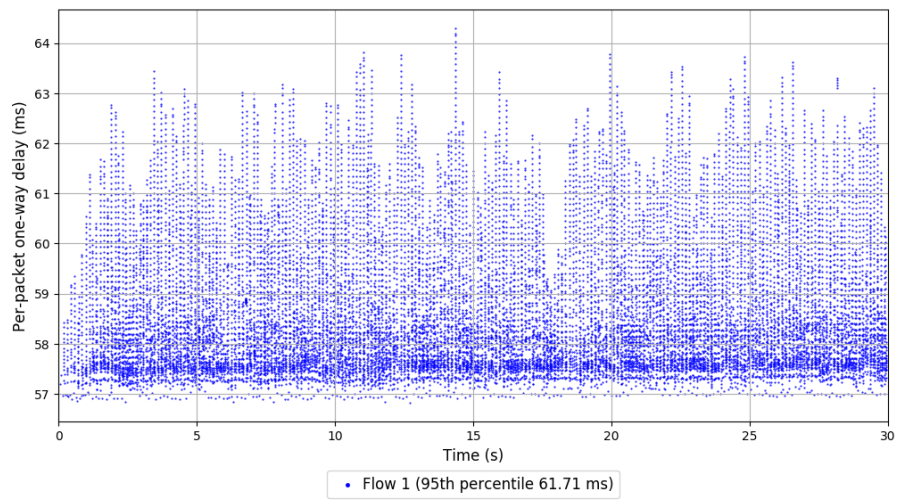
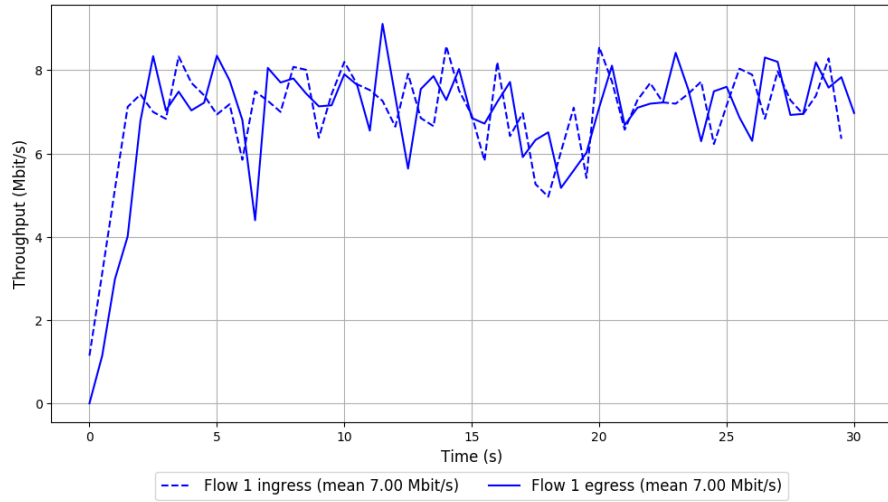


Run 4: Statistics of Sprout

Start at: 2019-04-23 20:33:29
End at: 2019-04-23 20:33:59
Local clock offset: 11.361 ms
Remote clock offset: -6.972 ms

```
# Below is generated by plot.py at 2019-04-23 21:18:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.00 Mbit/s
95th percentile per-packet one-way delay: 61.706 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.00 Mbit/s
95th percentile per-packet one-way delay: 61.706 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

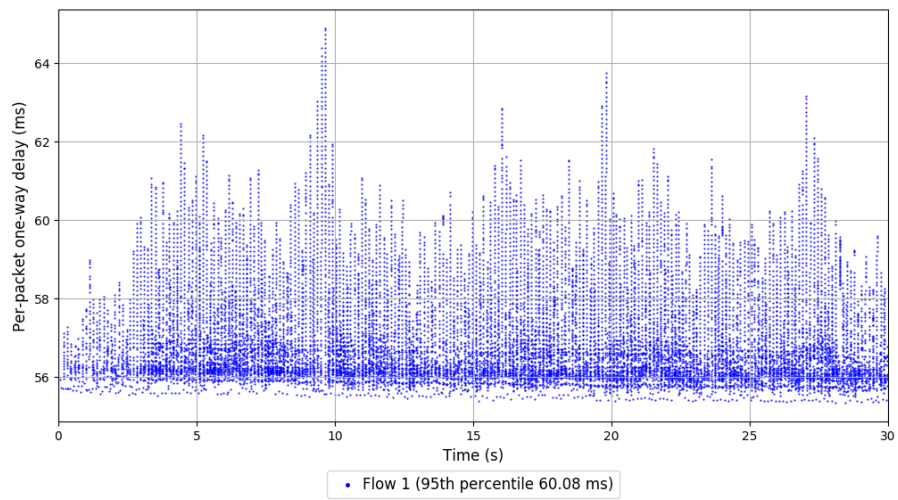
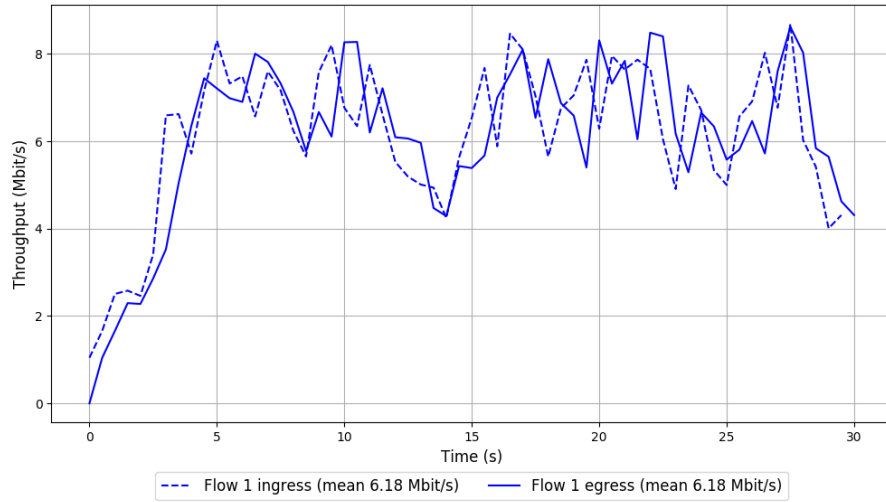


Run 5: Statistics of Sprout

Start at: 2019-04-23 20:58:13
End at: 2019-04-23 20:58:43
Local clock offset: -1.532 ms
Remote clock offset: -8.067 ms

```
# Below is generated by plot.py at 2019-04-23 21:18:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.18 Mbit/s
95th percentile per-packet one-way delay: 60.084 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 6.18 Mbit/s
95th percentile per-packet one-way delay: 60.084 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2019-04-23 19:26:44

End at: 2019-04-23 19:27:14

Local clock offset: 4.831 ms

Remote clock offset: -9.947 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.12 Mbit/s

95th percentile per-packet one-way delay: 58.844 ms

Loss rate: 2.45%

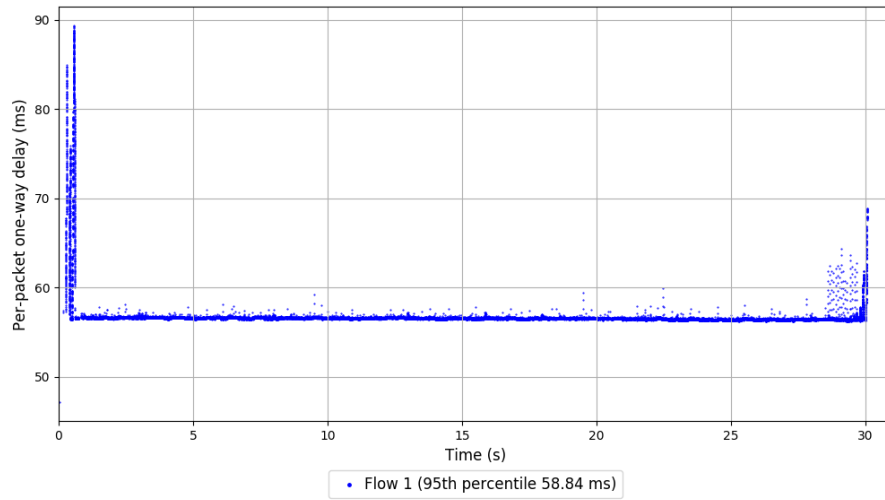
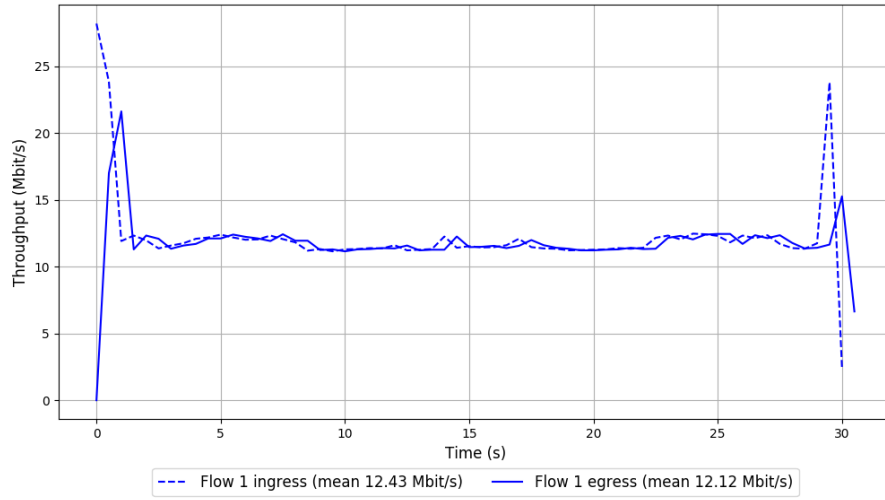
-- Flow 1:

Average throughput: 12.12 Mbit/s

95th percentile per-packet one-way delay: 58.844 ms

Loss rate: 2.45%

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

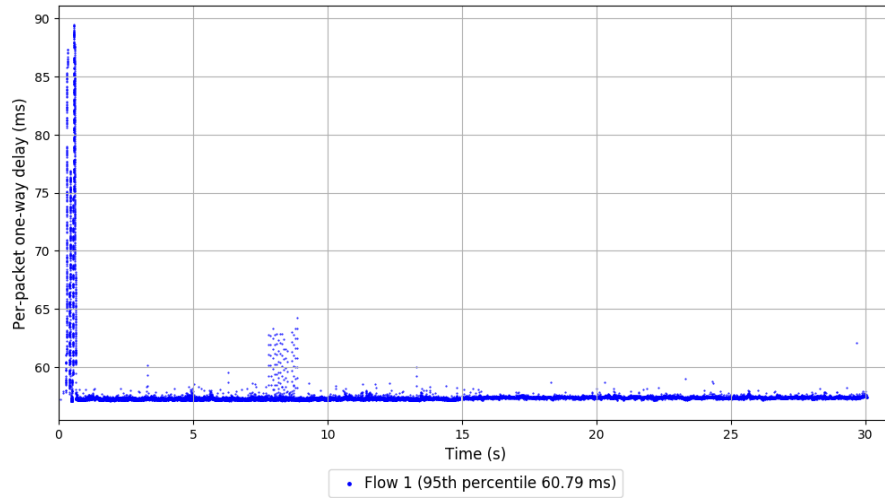
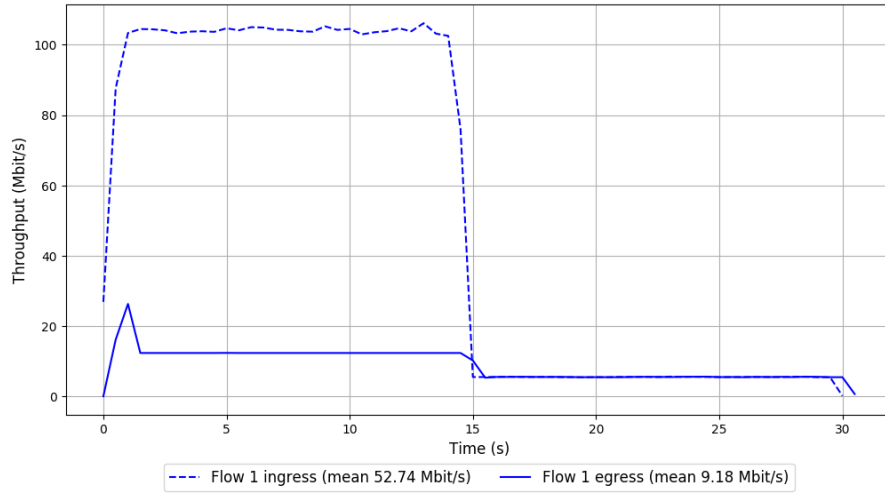


Run 2: Statistics of TaoVA-100x

Start at: 2019-04-23 19:51:31
End at: 2019-04-23 19:52:01
Local clock offset: 2.911 ms
Remote clock offset: -7.922 ms

Below is generated by plot.py at 2019-04-23 21:18:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 9.18 Mbit/s
95th percentile per-packet one-way delay: 60.786 ms
Loss rate: 82.60%
-- Flow 1:
Average throughput: 9.18 Mbit/s
95th percentile per-packet one-way delay: 60.786 ms
Loss rate: 82.60%

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



Run 3: Statistics of TaoVA-100x

Start at: 2019-04-23 20:16:59

End at: 2019-04-23 20:17:29

Local clock offset: 5.21 ms

Remote clock offset: -7.739 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.64 Mbit/s

95th percentile per-packet one-way delay: 58.067 ms

Loss rate: 66.79%

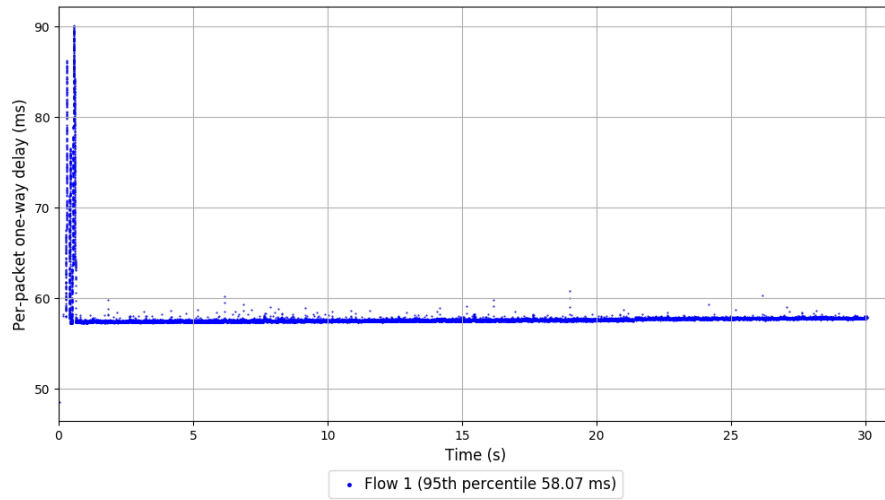
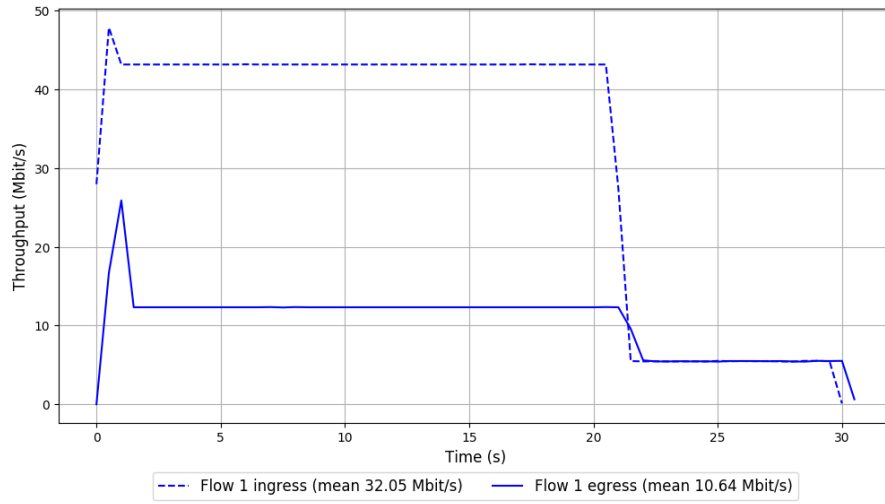
-- Flow 1:

Average throughput: 10.64 Mbit/s

95th percentile per-packet one-way delay: 58.067 ms

Loss rate: 66.79%

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



Run 4: Statistics of TaoVA-100x

Start at: 2019-04-23 20:41:44

End at: 2019-04-23 20:42:14

Local clock offset: 12.626 ms

Remote clock offset: -4.11 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 7.51 Mbit/s

95th percentile per-packet one-way delay: 67.167 ms

Loss rate: 74.22%

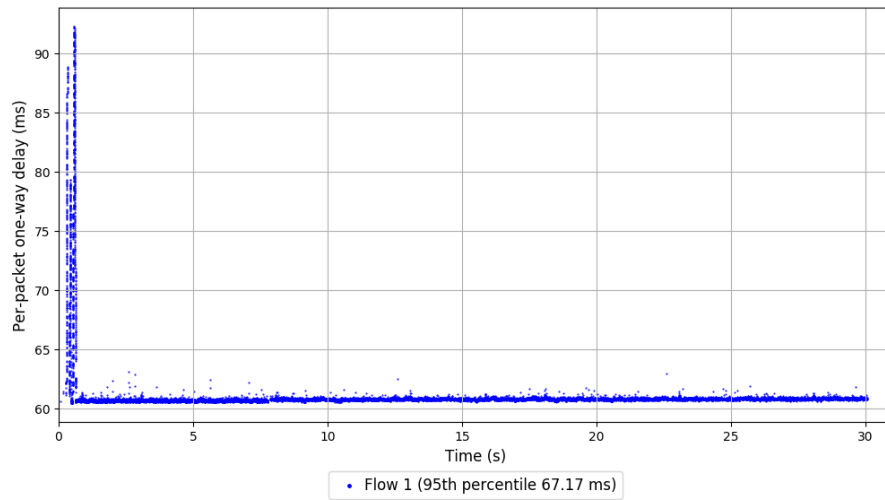
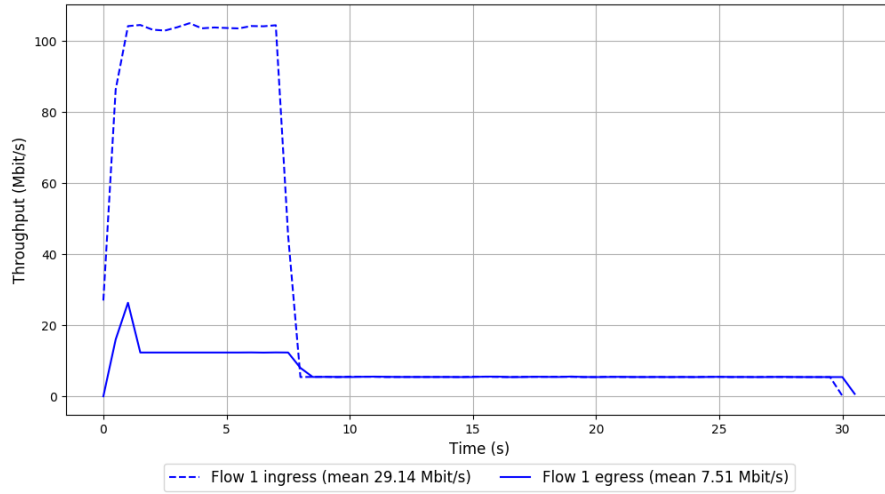
-- Flow 1:

Average throughput: 7.51 Mbit/s

95th percentile per-packet one-way delay: 67.167 ms

Loss rate: 74.22%

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



Run 5: Statistics of TaoVA-100x

Start at: 2019-04-23 21:06:33

End at: 2019-04-23 21:07:03

Local clock offset: -5.103 ms

Remote clock offset: -4.089 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 10.64 Mbit/s

95th percentile per-packet one-way delay: 60.872 ms

Loss rate: 66.81%

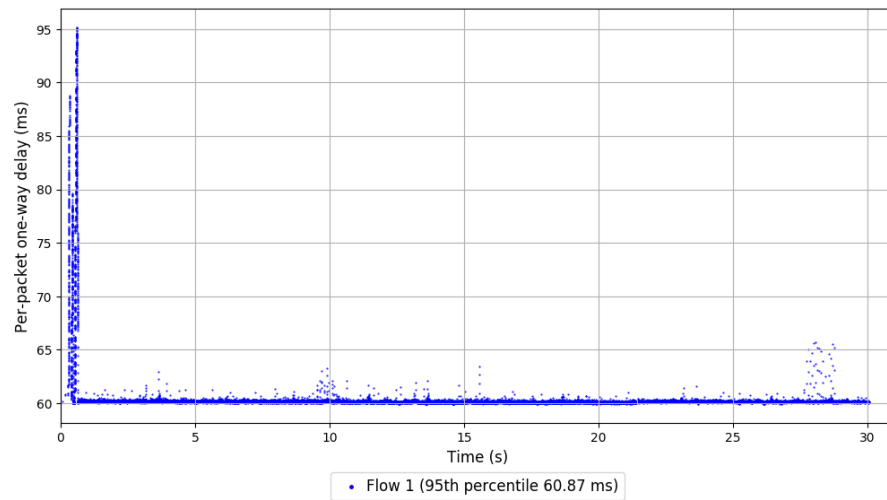
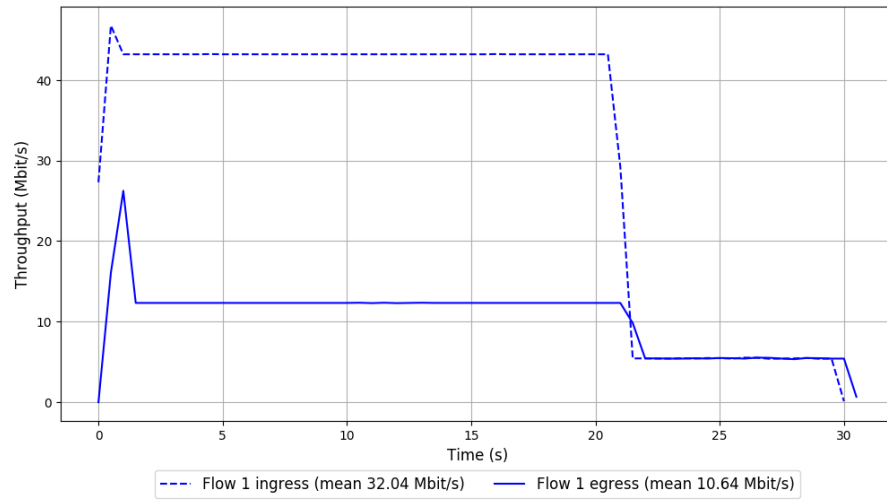
-- Flow 1:

Average throughput: 10.64 Mbit/s

95th percentile per-packet one-way delay: 60.872 ms

Loss rate: 66.81%

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



Run 1: Statistics of TCP Vegas

Start at: 2019-04-23 19:07:52
End at: 2019-04-23 19:08:22
Local clock offset: 12.104 ms
Remote clock offset: -5.395 ms

Below is generated by plot.py at 2019-04-23 21:18:34

Datalink statistics

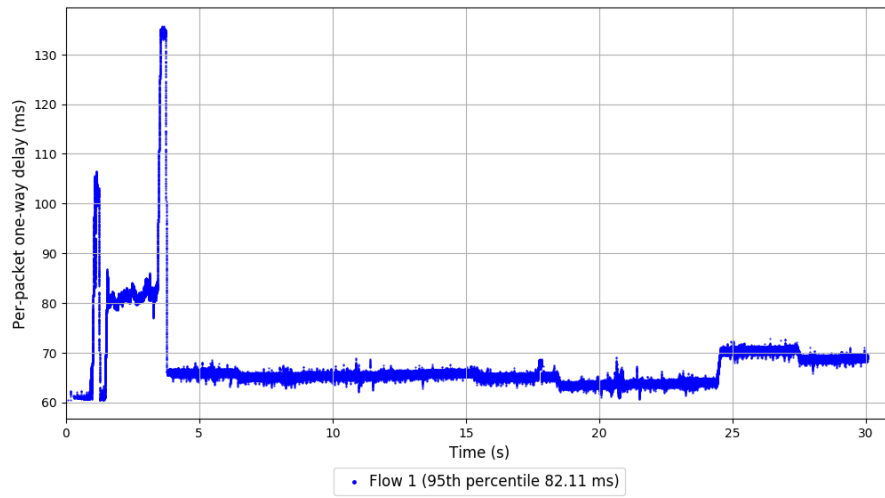
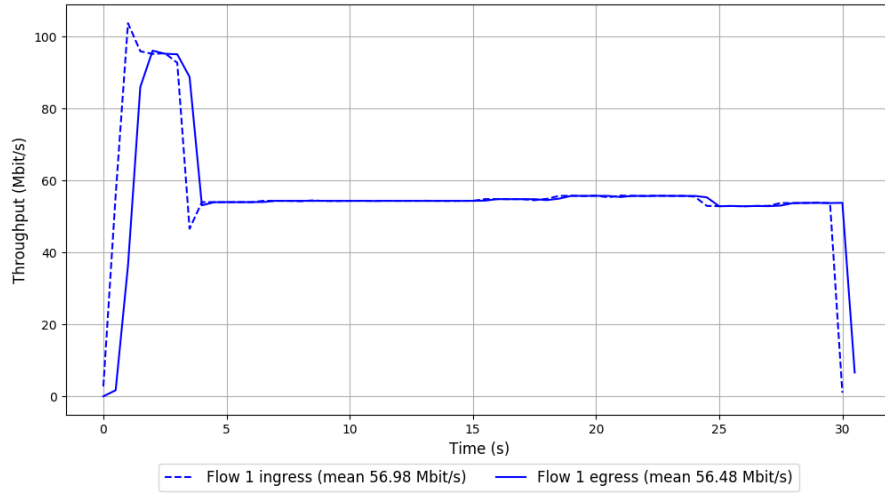
-- Total of 1 flow:

Average throughput: 56.48 Mbit/s
95th percentile per-packet one-way delay: 82.106 ms
Loss rate: 0.90%

-- Flow 1:

Average throughput: 56.48 Mbit/s
95th percentile per-packet one-way delay: 82.106 ms
Loss rate: 0.90%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2019-04-23 19:32:39
End at: 2019-04-23 19:33:09
Local clock offset: 3.344 ms
Remote clock offset: -9.749 ms

Below is generated by plot.py at 2019-04-23 21:18:38

Datalink statistics

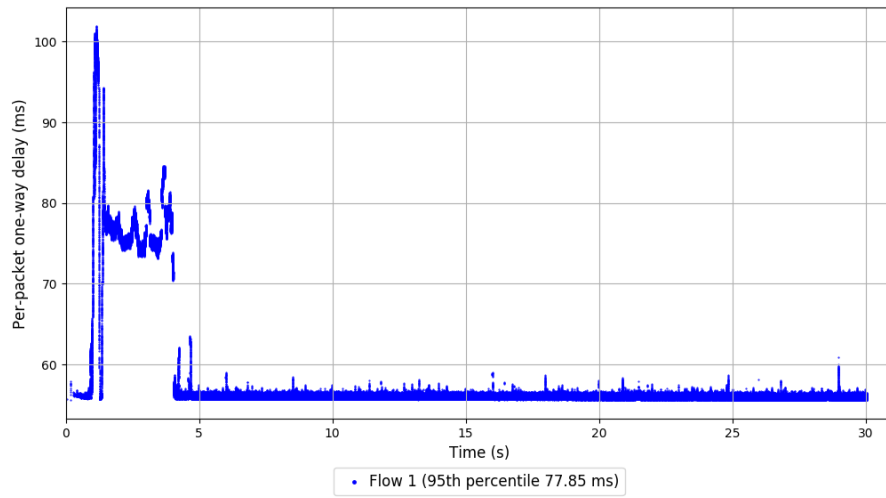
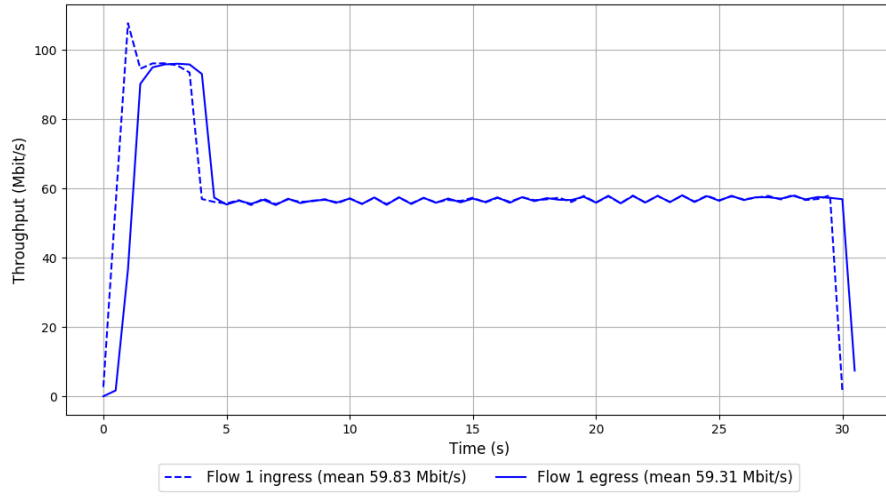
-- Total of 1 flow:

Average throughput: 59.31 Mbit/s
95th percentile per-packet one-way delay: 77.853 ms
Loss rate: 0.90%

-- Flow 1:

Average throughput: 59.31 Mbit/s
95th percentile per-packet one-way delay: 77.853 ms
Loss rate: 0.90%

Run 2: Report of TCP Vegas — Data Link

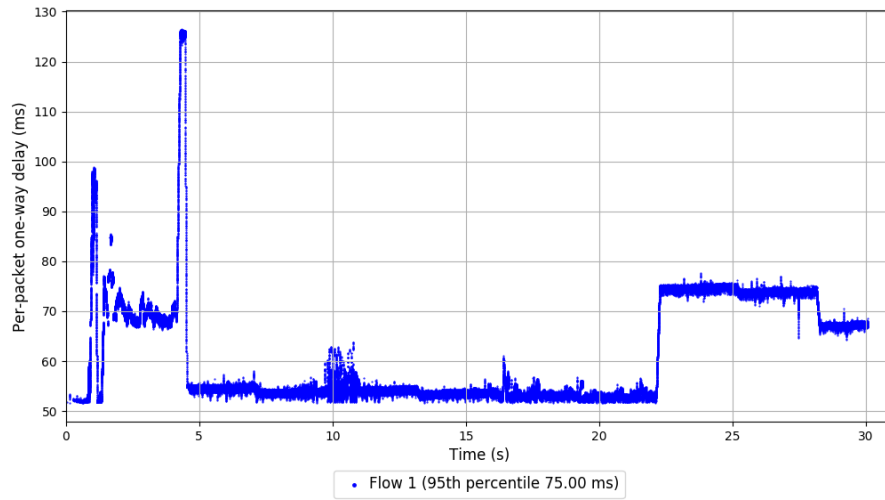
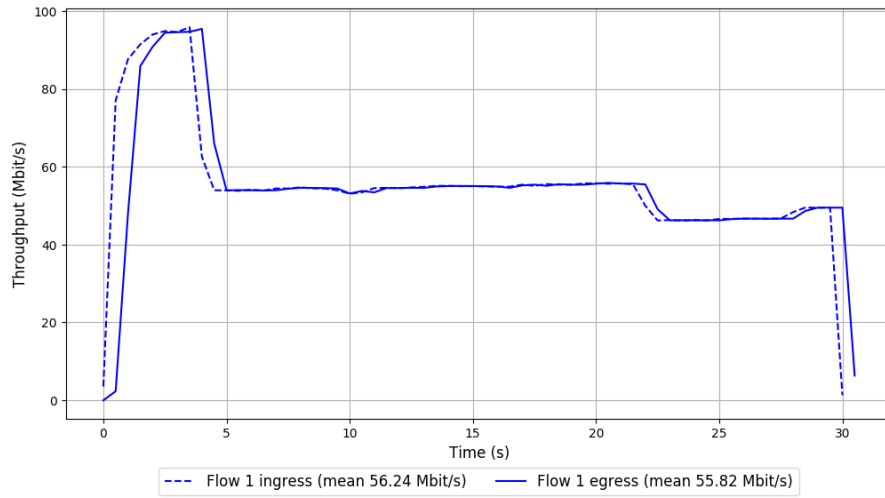


Run 3: Statistics of TCP Vegas

Start at: 2019-04-23 19:57:36
End at: 2019-04-23 19:58:06
Local clock offset: 3.292 ms
Remote clock offset: -4.564 ms

Below is generated by plot.py at 2019-04-23 21:18:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.82 Mbit/s
95th percentile per-packet one-way delay: 75.001 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 55.82 Mbit/s
95th percentile per-packet one-way delay: 75.001 ms
Loss rate: 0.75%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2019-04-23 20:22:54

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

Local clock offset: 8.52 ms

Remote clock offset: -8.311 ms

Below is generated by plot.py at 2019-04-23 21:18:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 56.26 Mbit/s

95th percentile per-packet one-way delay: 72.291 ms

Loss rate: 0.95%

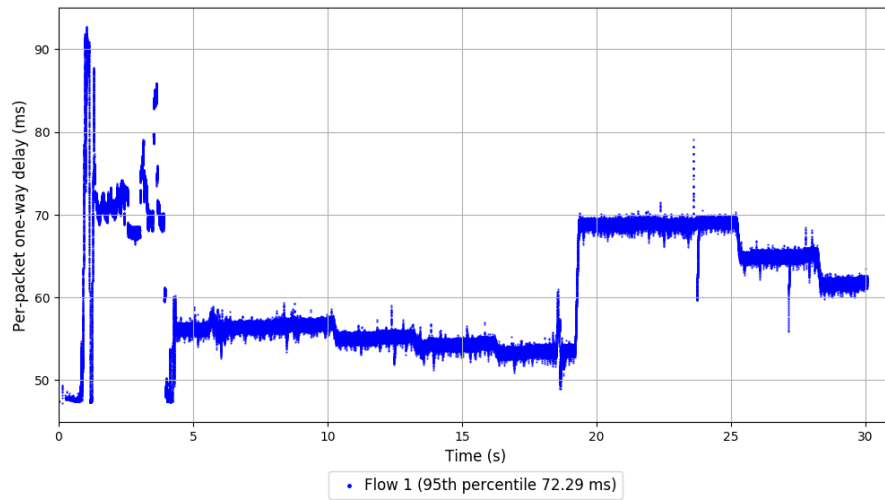
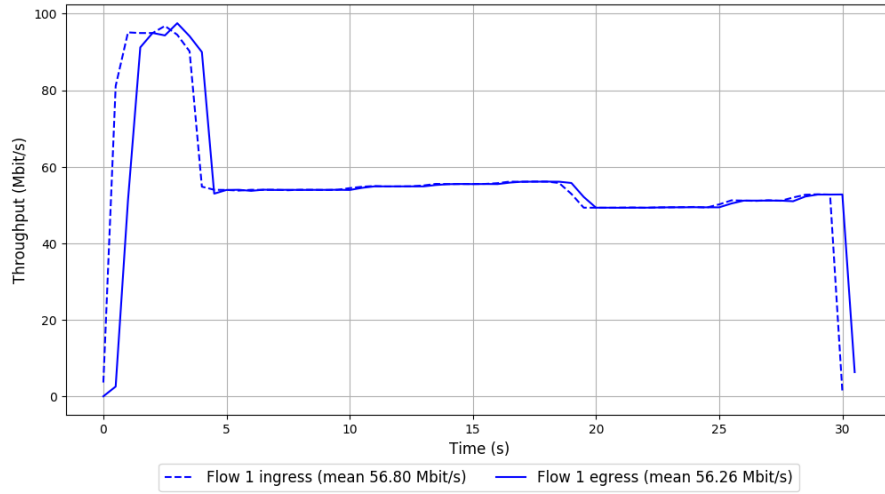
-- Flow 1:

Average throughput: 56.26 Mbit/s

95th percentile per-packet one-way delay: 72.291 ms

Loss rate: 0.95%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2019-04-23 20:47:38

End at: 2019-04-23 20:48:08

Local clock offset: 8.993 ms

Remote clock offset: -8.299 ms

Below is generated by plot.py at 2019-04-23 21:18:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.62 Mbit/s

95th percentile per-packet one-way delay: 56.162 ms

Loss rate: 0.67%

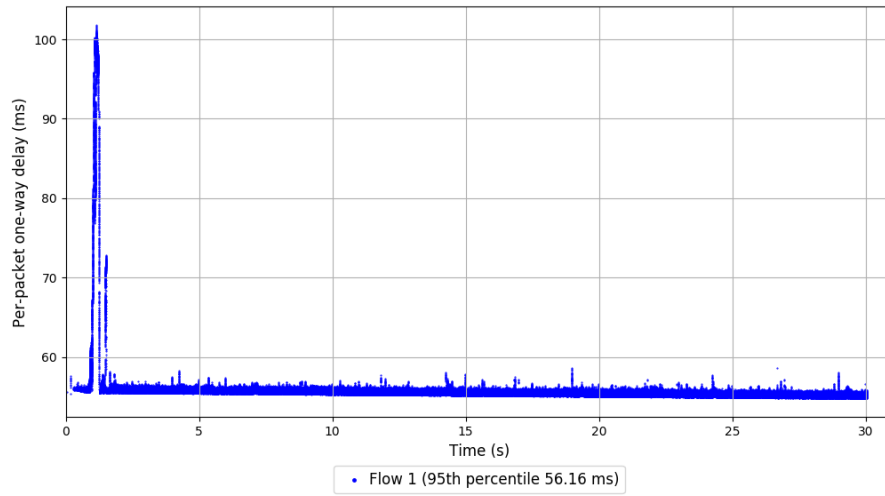
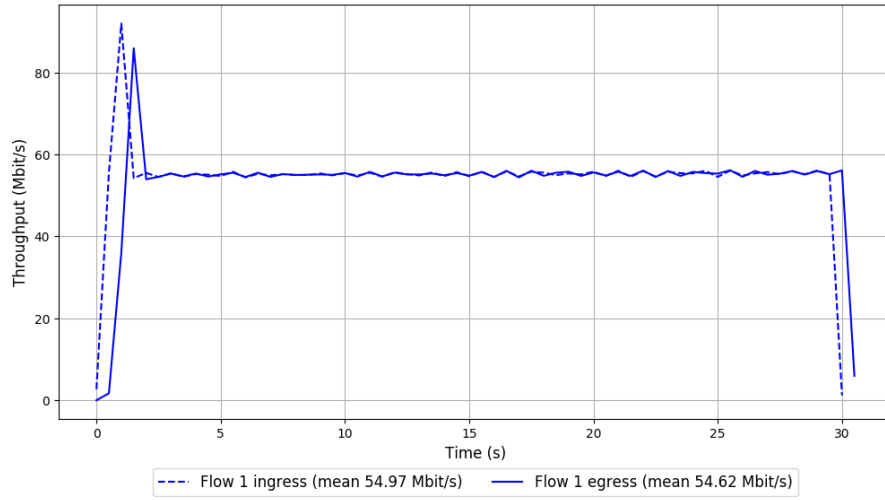
-- Flow 1:

Average throughput: 54.62 Mbit/s

95th percentile per-packet one-way delay: 56.162 ms

Loss rate: 0.67%

Run 5: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2019-04-23 19:13:43

End at: 2019-04-23 19:14:13

Local clock offset: 12.893 ms

Remote clock offset: -6.02 ms

Below is generated by plot.py at 2019-04-23 21:19:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.77 Mbit/s

95th percentile per-packet one-way delay: 197.009 ms

Loss rate: 11.03%

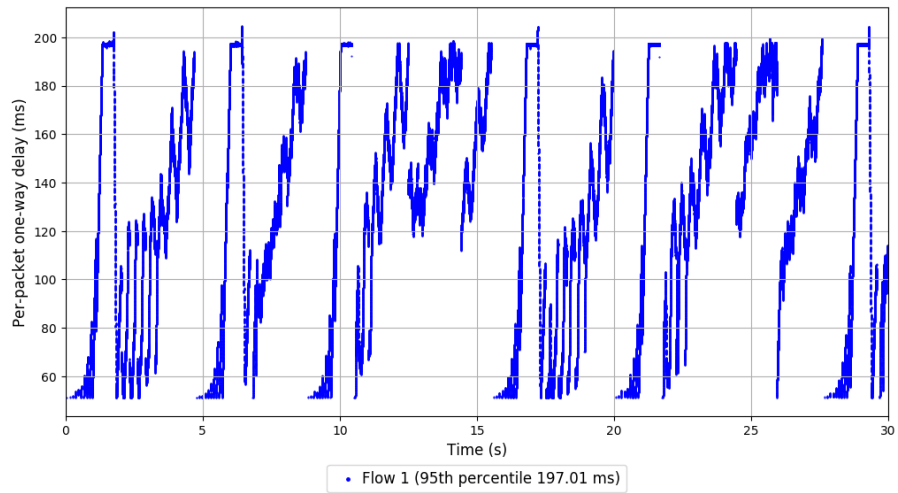
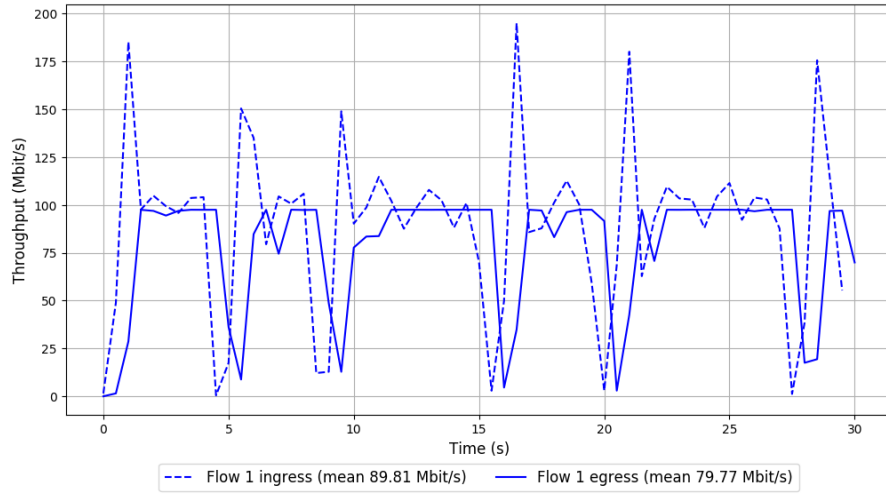
-- Flow 1:

Average throughput: 79.77 Mbit/s

95th percentile per-packet one-way delay: 197.009 ms

Loss rate: 11.03%

Run 1: Report of Verus — Data Link

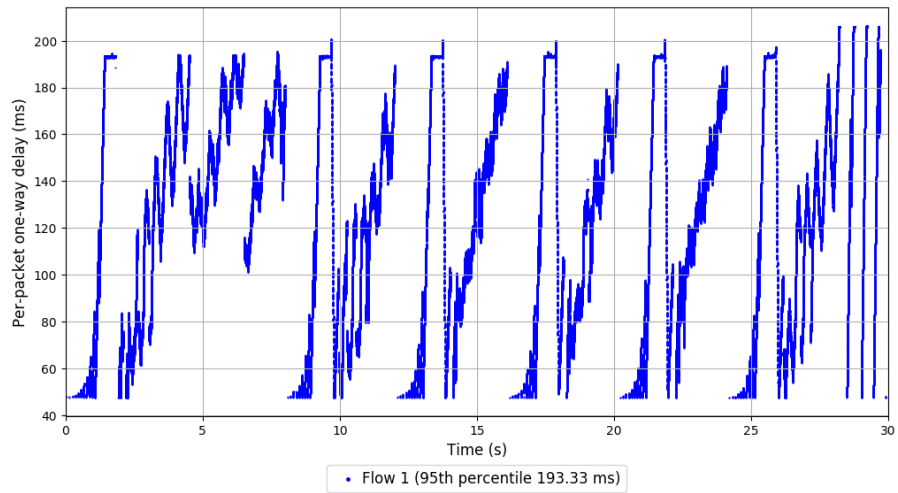
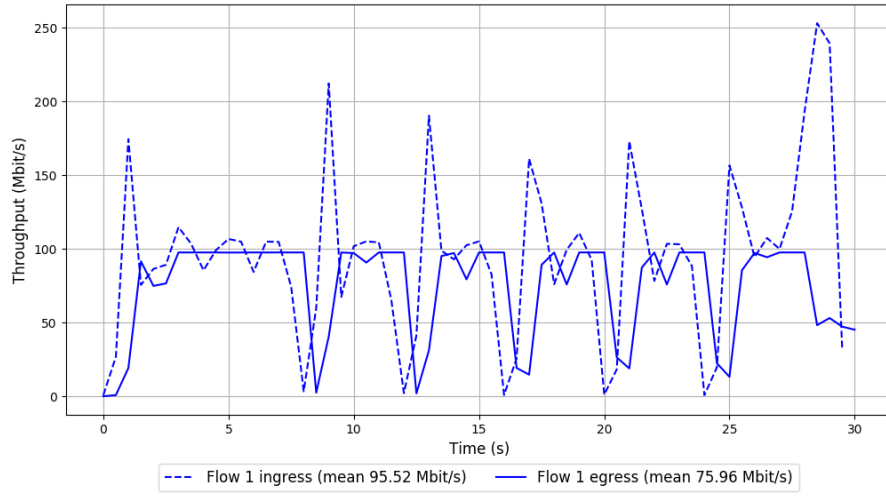


Run 2: Statistics of Verus

Start at: 2019-04-23 19:38:30
End at: 2019-04-23 19:39:00
Local clock offset: 2.441 ms
Remote clock offset: -8.532 ms

Below is generated by plot.py at 2019-04-23 21:19:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.96 Mbit/s
95th percentile per-packet one-way delay: 193.330 ms
Loss rate: 20.47%
-- Flow 1:
Average throughput: 75.96 Mbit/s
95th percentile per-packet one-way delay: 193.330 ms
Loss rate: 20.47%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2019-04-23 20:03:28

End at: 2019-04-23 20:03:58

Local clock offset: 3.499 ms

Remote clock offset: -8.578 ms

Below is generated by plot.py at 2019-04-23 21:19:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.40 Mbit/s

95th percentile per-packet one-way delay: 192.933 ms

Loss rate: 14.31%

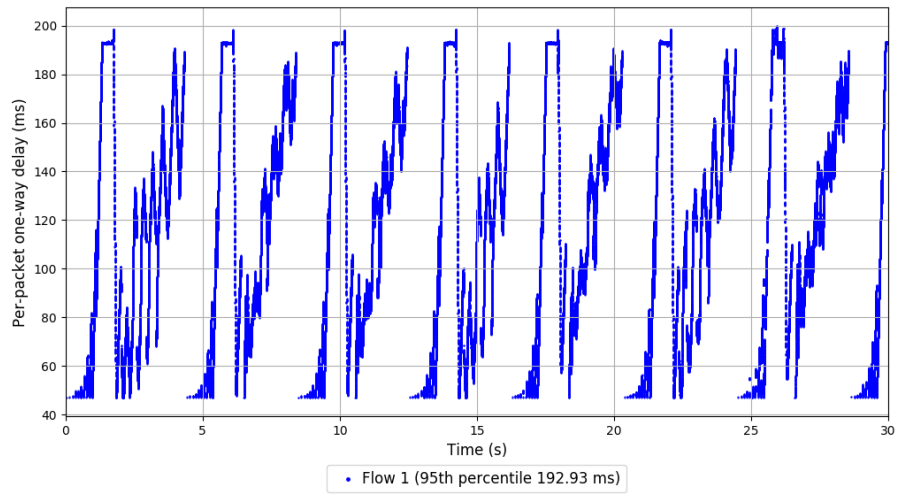
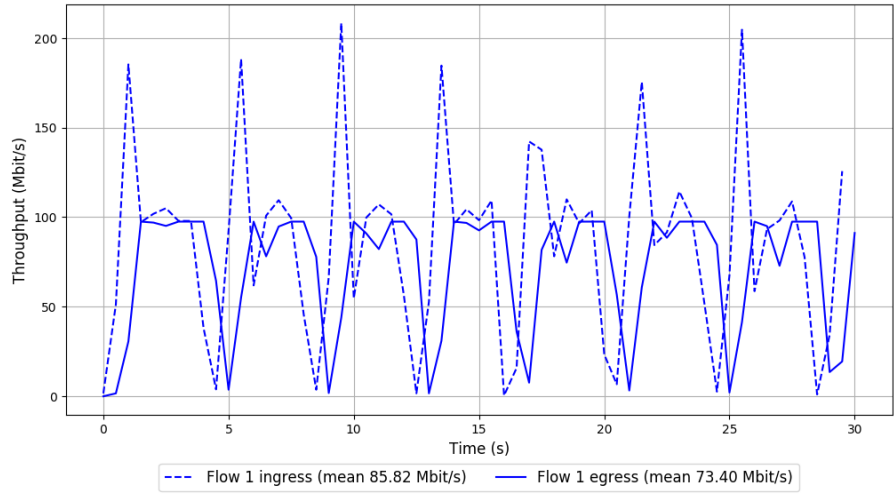
-- Flow 1:

Average throughput: 73.40 Mbit/s

95th percentile per-packet one-way delay: 192.933 ms

Loss rate: 14.31%

Run 3: Report of Verus — Data Link

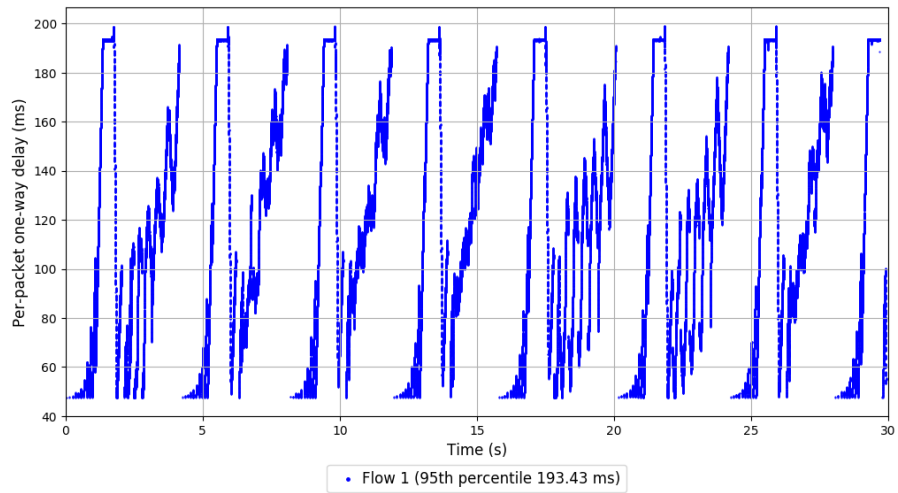
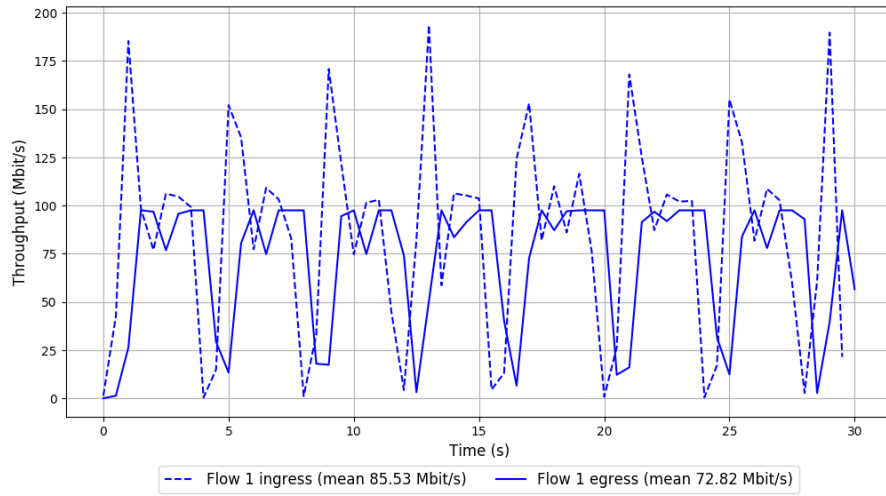


Run 4: Statistics of Verus

Start at: 2019-04-23 20:28:44
End at: 2019-04-23 20:29:14
Local clock offset: 10.398 ms
Remote clock offset: -7.752 ms

Below is generated by plot.py at 2019-04-23 21:19:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.82 Mbit/s
95th percentile per-packet one-way delay: 193.432 ms
Loss rate: 14.84%
-- Flow 1:
Average throughput: 72.82 Mbit/s
95th percentile per-packet one-way delay: 193.432 ms
Loss rate: 14.84%

Run 4: Report of Verus — Data Link

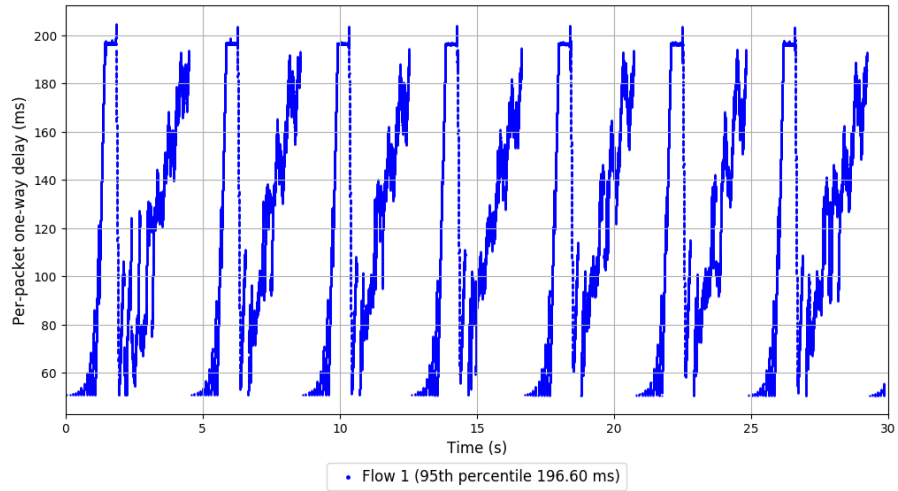
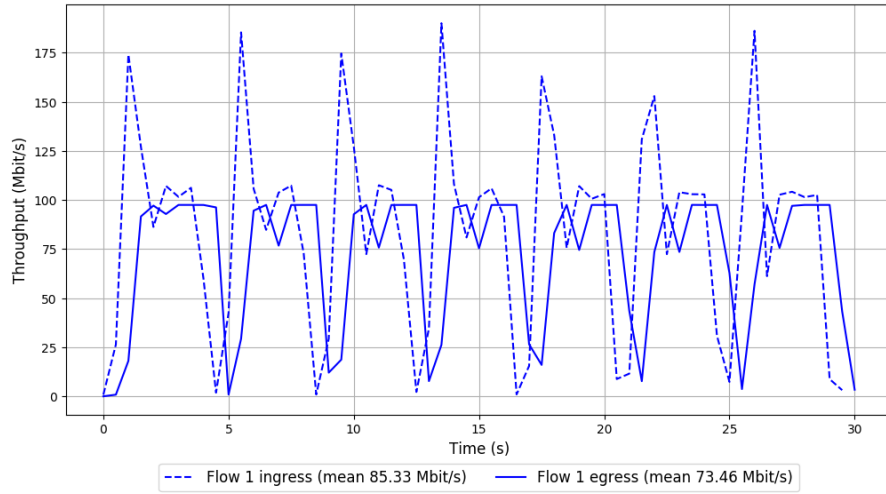


Run 5: Statistics of Verus

Start at: 2019-04-23 20:53:29
End at: 2019-04-23 20:53:59
Local clock offset: 1.791 ms
Remote clock offset: -3.774 ms

Below is generated by plot.py at 2019-04-23 21:19:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.46 Mbit/s
95th percentile per-packet one-way delay: 196.602 ms
Loss rate: 13.90%
-- Flow 1:
Average throughput: 73.46 Mbit/s
95th percentile per-packet one-way delay: 196.602 ms
Loss rate: 13.90%

Run 5: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2019-04-23 19:25:31

End at: 2019-04-23 19:26:01

Local clock offset: 5.387 ms

Remote clock offset: -9.701 ms

Below is generated by plot.py at 2019-04-23 21:19:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.07 Mbit/s

95th percentile per-packet one-way delay: 66.913 ms

Loss rate: 0.00%

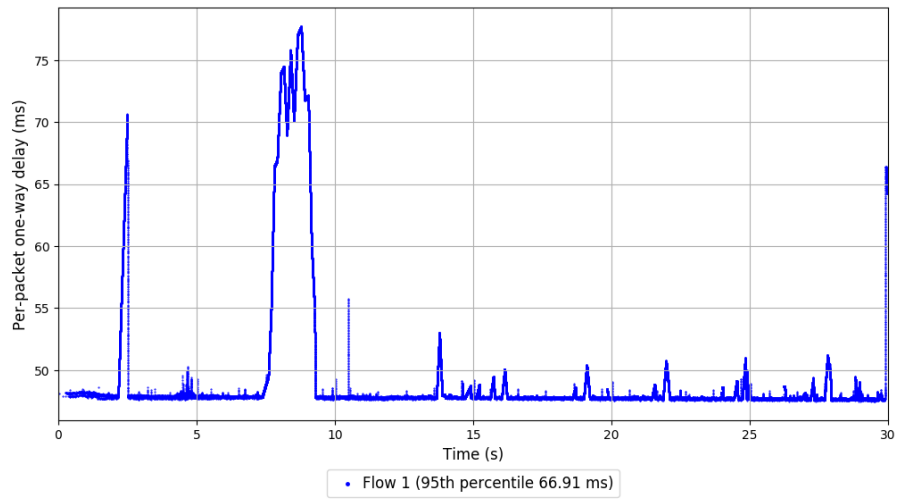
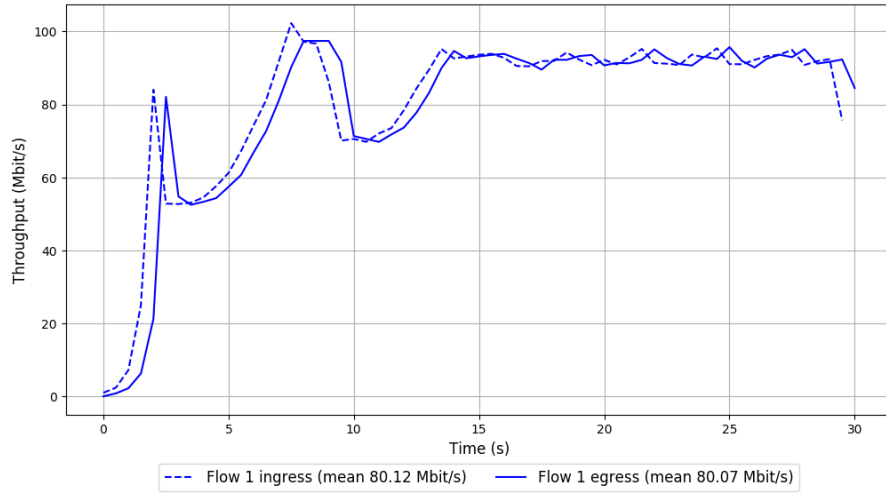
-- Flow 1:

Average throughput: 80.07 Mbit/s

95th percentile per-packet one-way delay: 66.913 ms

Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2019-04-23 19:50:18

End at: 2019-04-23 19:50:48

Local clock offset: 2.791 ms

Remote clock offset: -8.971 ms

Below is generated by plot.py at 2019-04-23 21:19:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.98 Mbit/s

95th percentile per-packet one-way delay: 59.249 ms

Loss rate: 0.03%

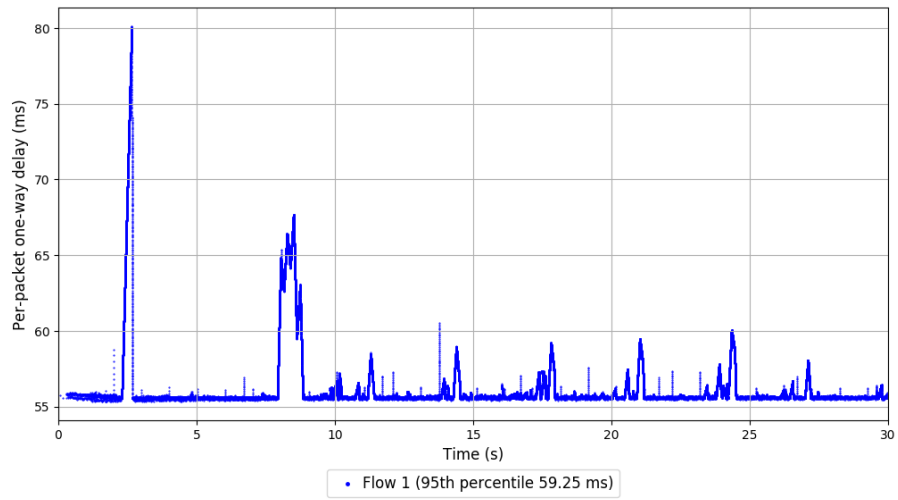
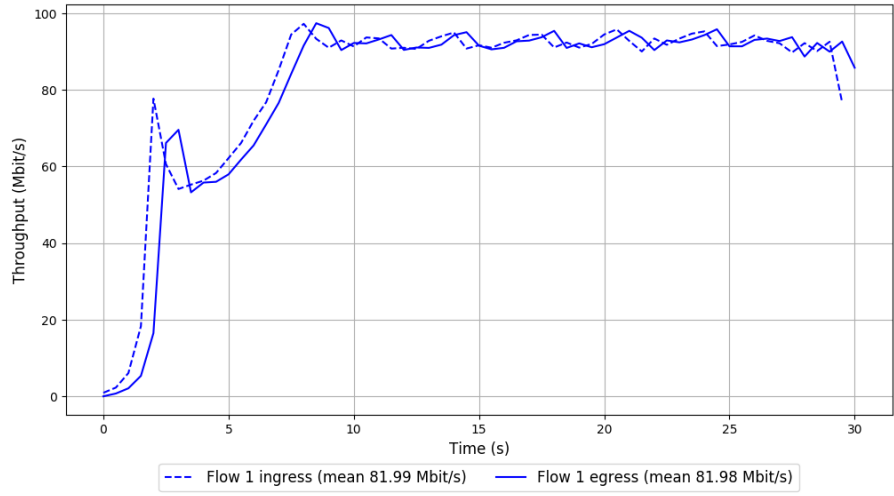
-- Flow 1:

Average throughput: 81.98 Mbit/s

95th percentile per-packet one-way delay: 59.249 ms

Loss rate: 0.03%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

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

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

Local clock offset: 4.402 ms

Remote clock offset: -4.217 ms

Below is generated by plot.py at 2019-04-23 21:19:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.72 Mbit/s

95th percentile per-packet one-way delay: 63.748 ms

Loss rate: 0.03%

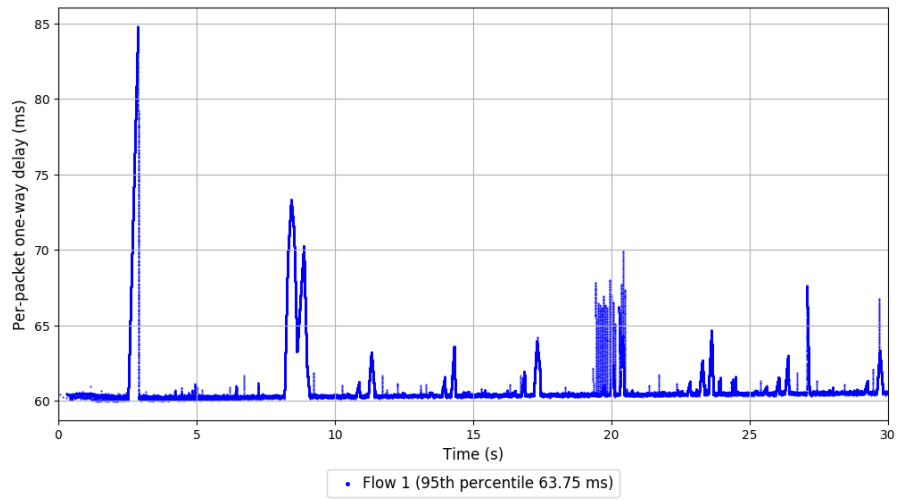
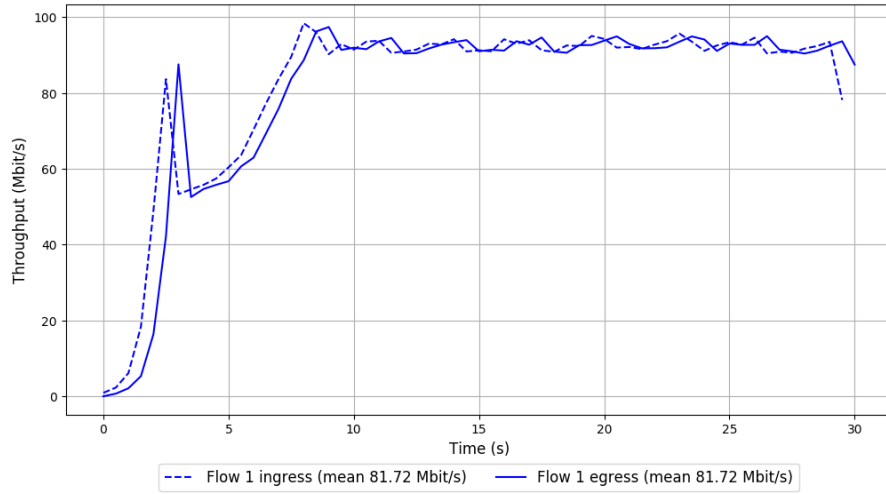
-- Flow 1:

Average throughput: 81.72 Mbit/s

95th percentile per-packet one-way delay: 63.748 ms

Loss rate: 0.03%

Run 3: Report of PCC-Vivace — Data Link

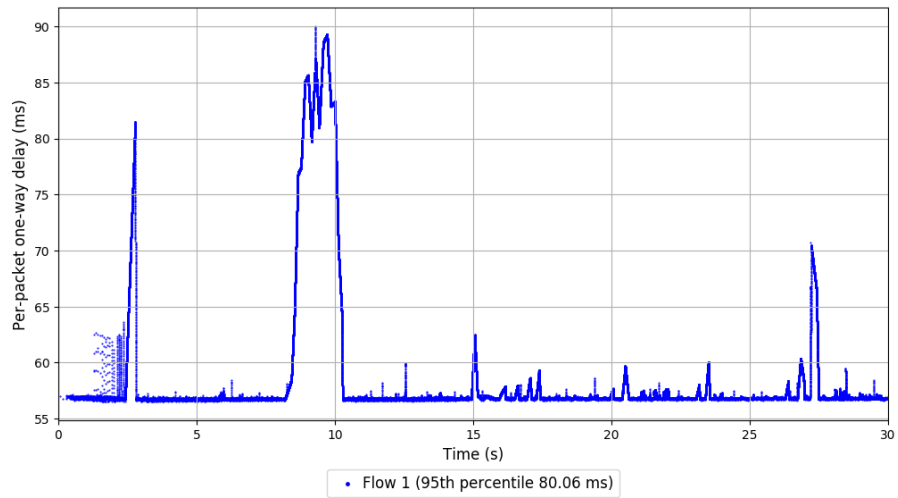
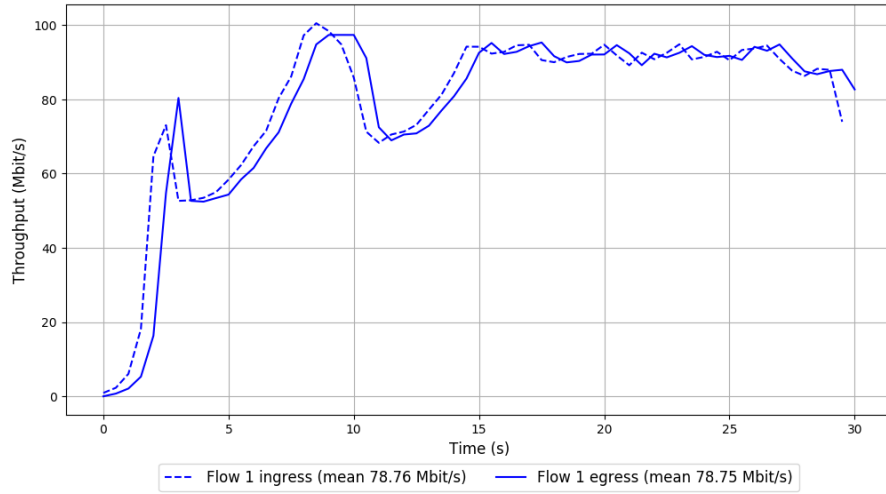


Run 4: Statistics of PCC-Vivace

Start at: 2019-04-23 20:40:31
End at: 2019-04-23 20:41:01
Local clock offset: 12.606 ms
Remote clock offset: -7.895 ms

```
# Below is generated by plot.py at 2019-04-23 21:19:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.75 Mbit/s
95th percentile per-packet one-way delay: 80.062 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 78.75 Mbit/s
95th percentile per-packet one-way delay: 80.062 ms
Loss rate: 0.04%
```

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2019-04-23 21:05:15

End at: 2019-04-23 21:05:45

Local clock offset: -4.55 ms

Remote clock offset: -3.884 ms

Below is generated by plot.py at 2019-04-23 21:19:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.43 Mbit/s

95th percentile per-packet one-way delay: 53.584 ms

Loss rate: 0.01%

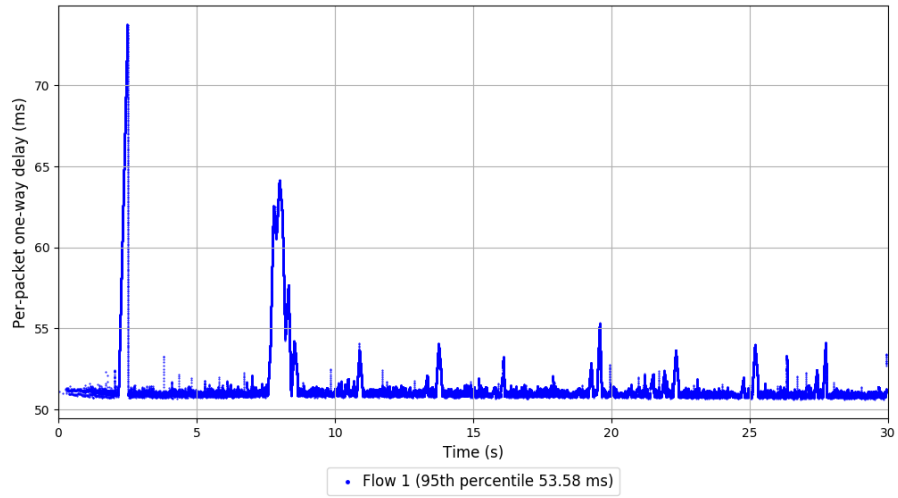
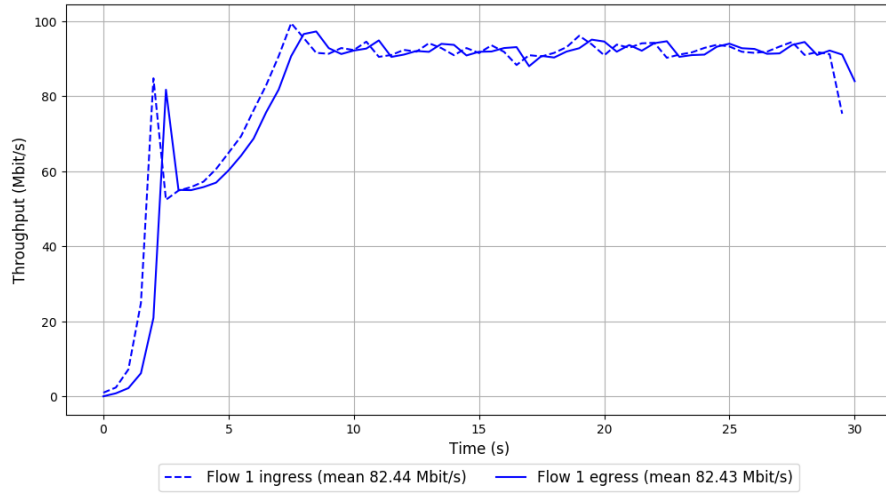
-- Flow 1:

Average throughput: 82.43 Mbit/s

95th percentile per-packet one-way delay: 53.584 ms

Loss rate: 0.01%

Run 5: Report of PCC-Vivace — Data Link

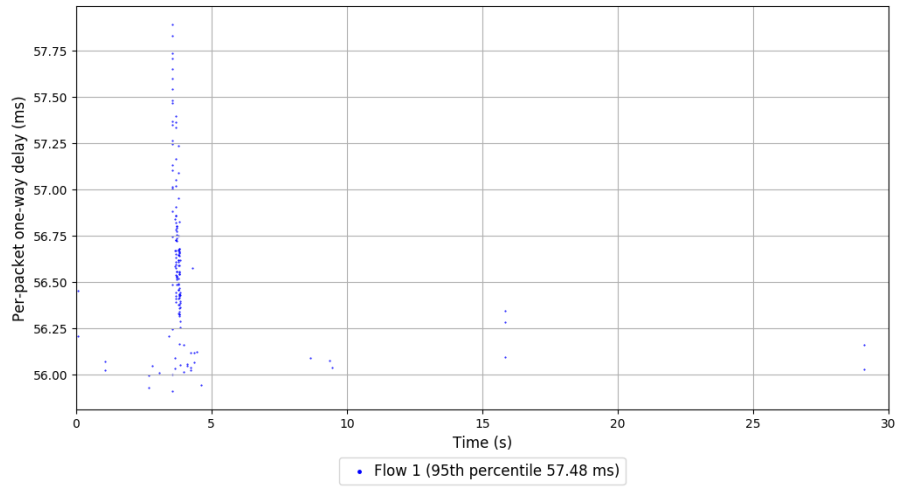
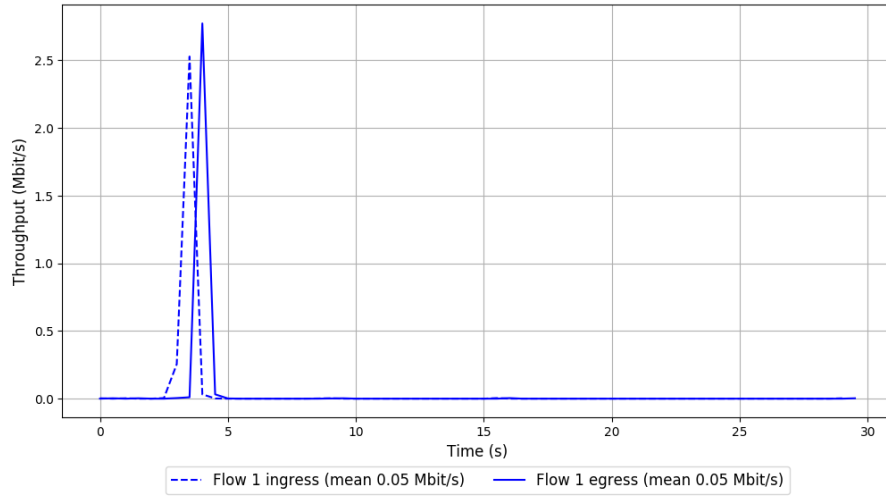


Run 1: Statistics of WebRTC media

Start at: 2019-04-23 19:11:24
End at: 2019-04-23 19:11:54
Local clock offset: 12.521 ms
Remote clock offset: -9.925 ms

Below is generated by plot.py at 2019-04-23 21:19:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 57.480 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 57.480 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

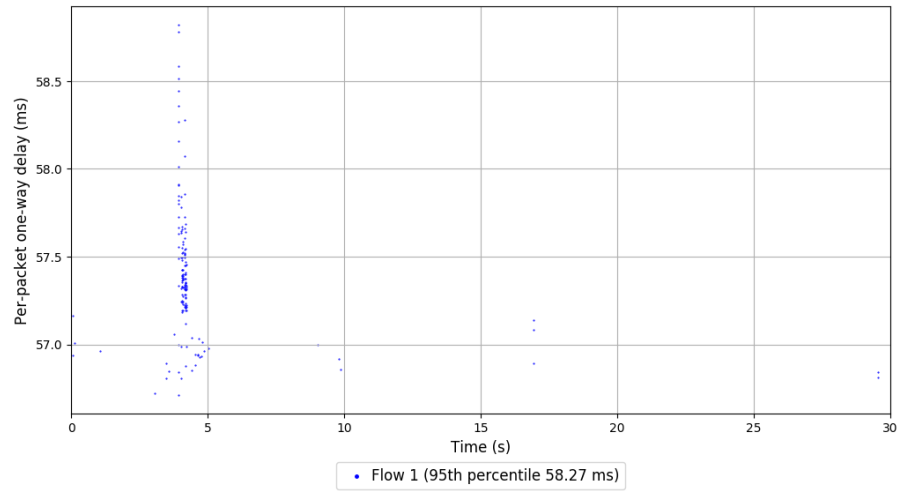
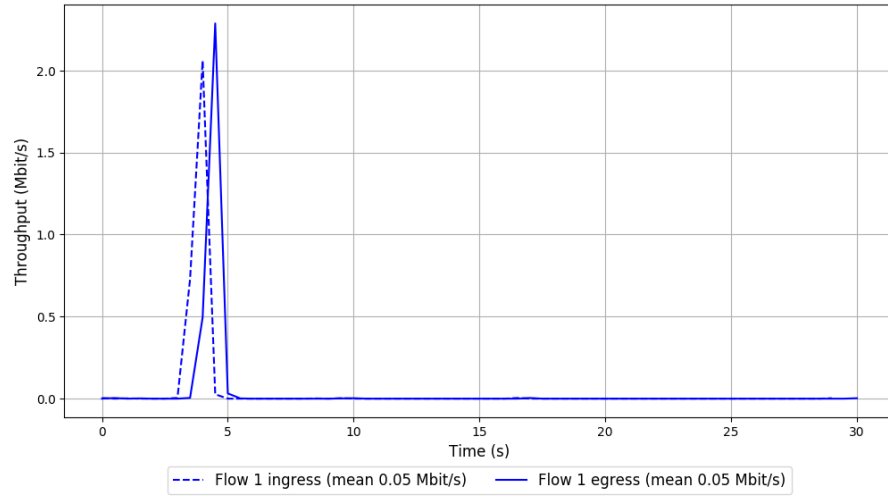


Run 2: Statistics of WebRTC media

Start at: 2019-04-23 19:36:10
End at: 2019-04-23 19:36:40
Local clock offset: 2.929 ms
Remote clock offset: -8.616 ms

Below is generated by plot.py at 2019-04-23 21:19:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 58.266 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 58.266 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

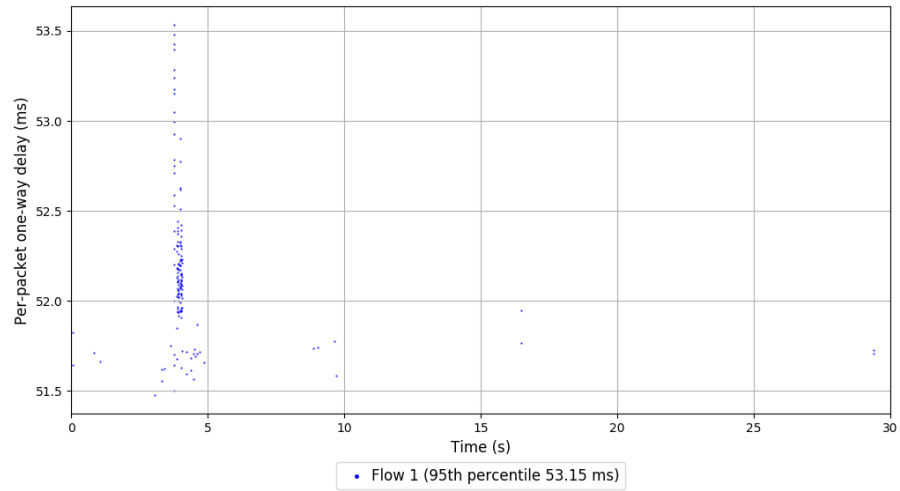
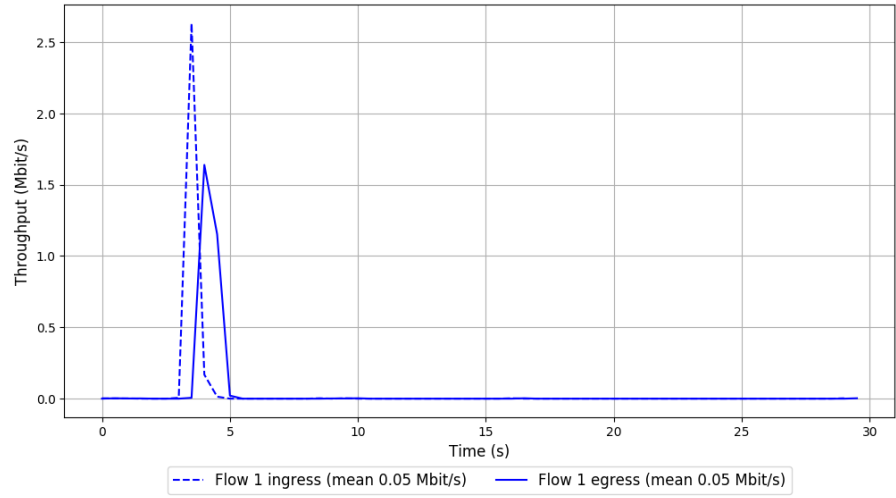


Run 3: Statistics of WebRTC media

Start at: 2019-04-23 20:01:07
End at: 2019-04-23 20:01:37
Local clock offset: 3.529 ms
Remote clock offset: -13.272 ms

Below is generated by plot.py at 2019-04-23 21:19:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 53.151 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 53.151 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2019-04-23 20:26:24

End at: 2019-04-23 20:26:54

Local clock offset: 9.479 ms

Remote clock offset: -7.674 ms

Below is generated by plot.py at 2019-04-23 21:19:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 49.155 ms

Loss rate: 0.00%

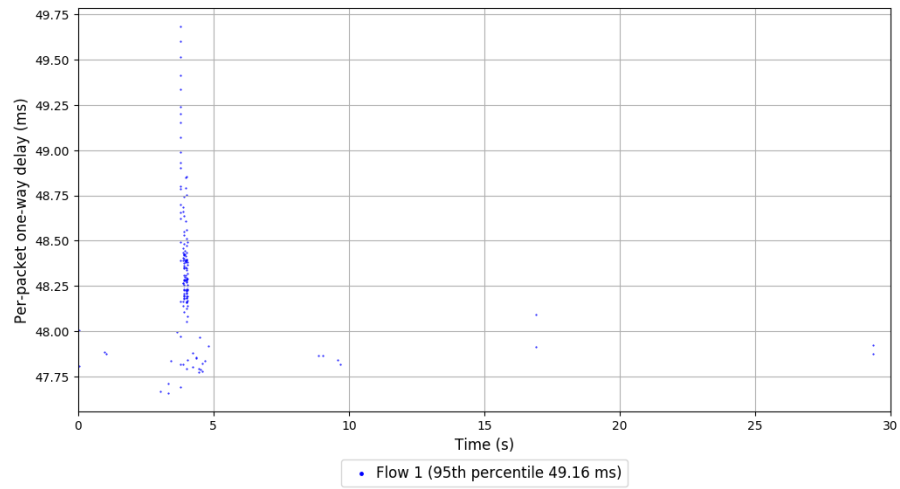
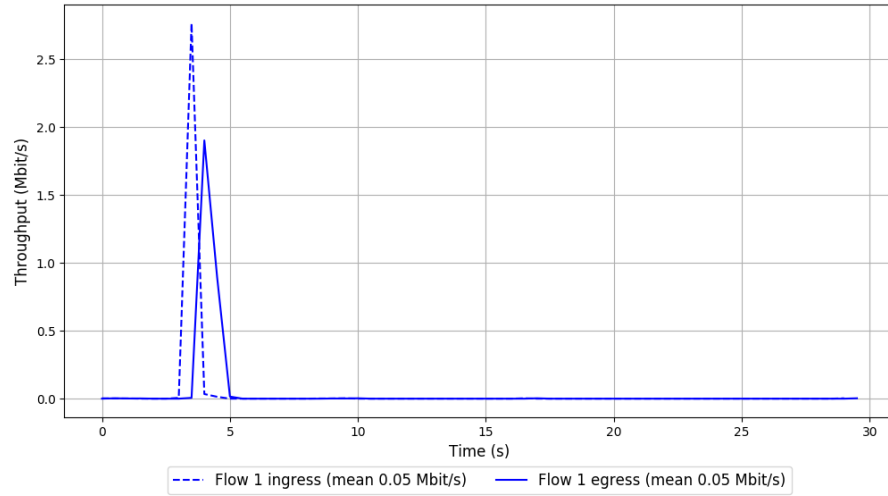
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 49.155 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-04-23 20:51:09
End at: 2019-04-23 20:51:39
Local clock offset: 3.885 ms
Remote clock offset: -8.314 ms

Below is generated by plot.py at 2019-04-23 21:19:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 48.127 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 48.127 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

