

Pantheon Report

Generated at 2019-03-18 21:37:49 (UTC).

Data path: AWS California 2 on **ens5** (*local*) → Mexico 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 **time.stanford.edu** and have been applied to correct the timestamps in logs.

System info:

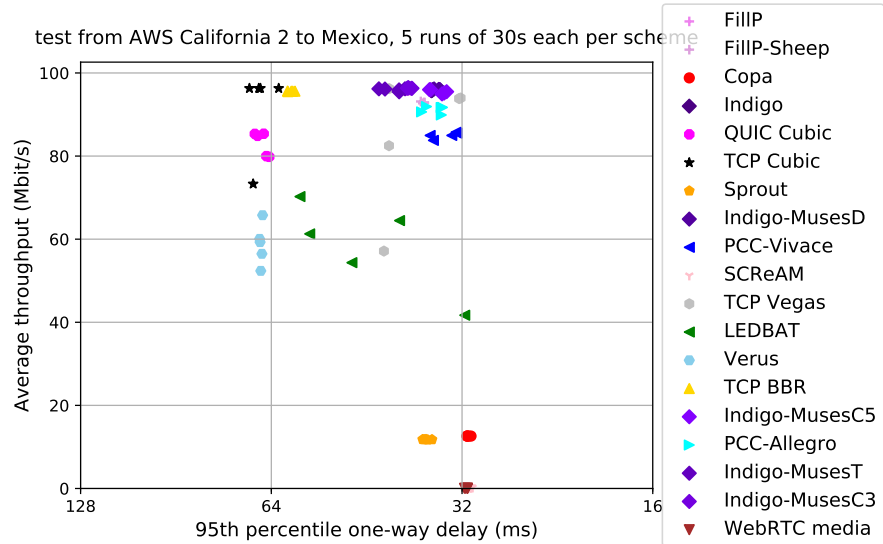
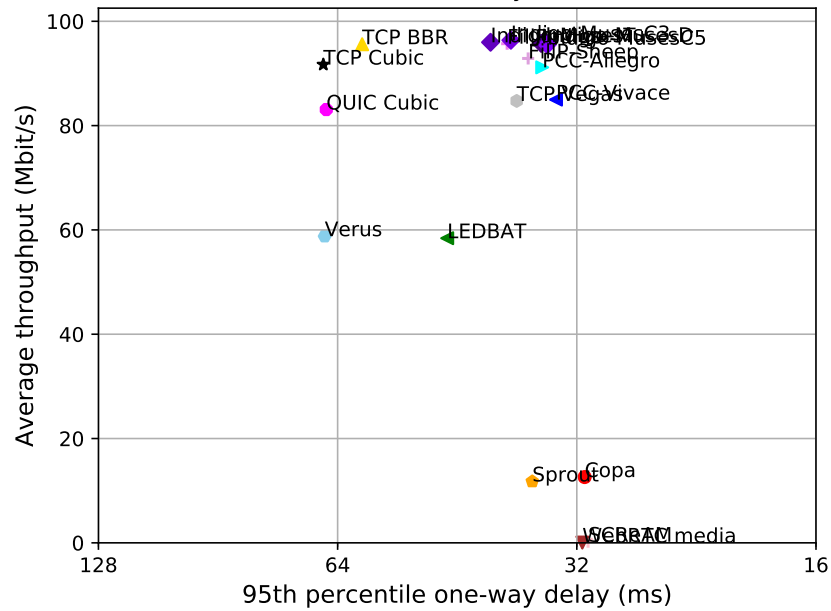
```
Linux 4.15.0-1033-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

Git summary:

```
branch: muses @ 7a686f7c2ed0a333082c0bab1fa5c921ab47e6ee
third_party/fillp @ d6da1459332fcee56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecd90c077e64d
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 California 2 to Mexico, 5 runs of 30s each per scheme
(mean of all runs by scheme)



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	5	95.60	59.61	1.48
Copa	5	12.61	31.28	71.43
TCP Cubic	5	91.70	66.71	0.67
FillP	5	95.70	39.16	0.67
FillP-Sheep	5	92.88	36.85	0.61
Indigo	5	95.77	35.48	0.00
Indigo-MusesC3	5	96.36	38.74	0.03
Indigo-MusesC5	5	95.52	34.86	0.01
Indigo-MusesD	5	96.04	35.05	0.02
Indigo-MusesT	5	95.98	41.09	0.91
LEDBAT	5	58.41	46.59	0.02
PCC-Allegro	5	91.17	35.37	0.72
PCC-Expr	0	N/A	N/A	N/A
QUIC Cubic	5	83.08	66.14	1.18
SCReAM	5	0.21	30.97	0.00
Sprout	5	11.77	36.41	0.05
TaoVA-100x	0	N/A	N/A	N/A
TCP Vegas	5	84.73	38.09	0.46
Verus	5	58.79	66.44	27.66
PCC-Vivace	5	84.99	33.99	0.00
WebRTC media	5	0.05	31.49	0.00

Run 1: Statistics of TCP BBR

Start at: 2019-03-18 19:44:42

End at: 2019-03-18 19:45:12

Local clock offset: 1.029 ms

Remote clock offset: -3.008 ms

Below is generated by plot.py at 2019-03-18 21:27:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 59.521 ms

Loss rate: 1.51%

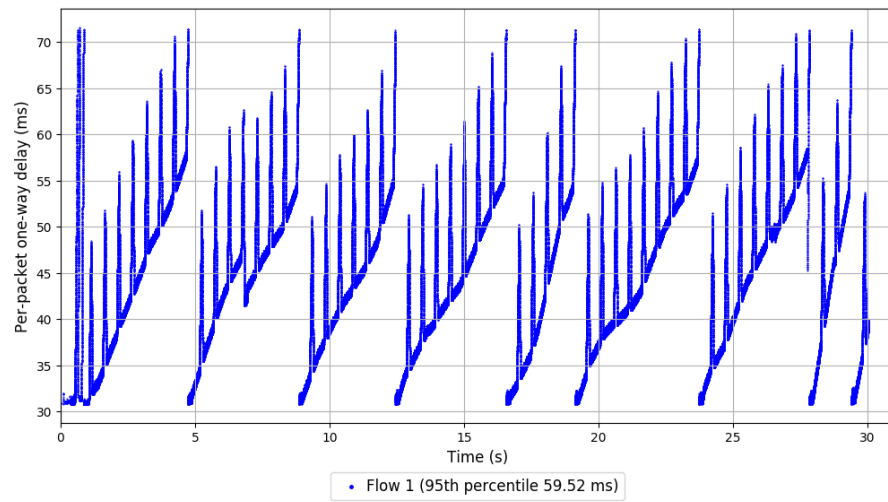
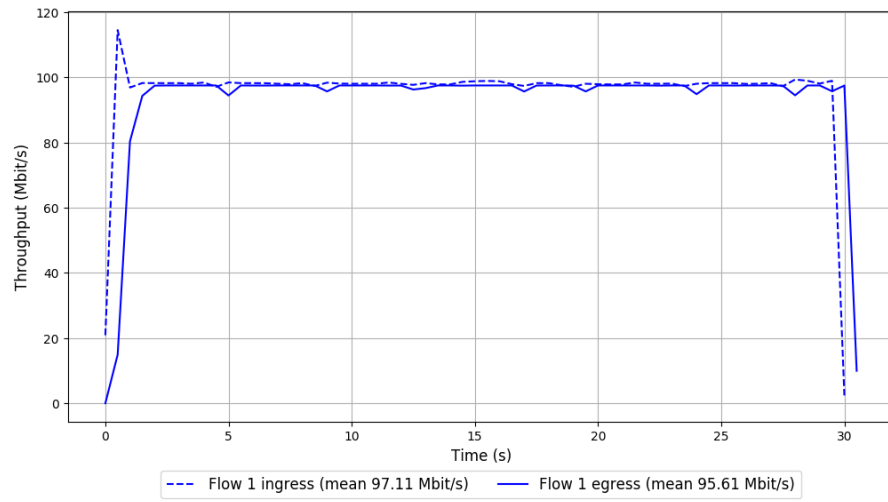
-- Flow 1:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 59.521 ms

Loss rate: 1.51%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2019-03-18 20:09:02

End at: 2019-03-18 20:09:32

Local clock offset: 0.404 ms

Remote clock offset: -2.346 ms

Below is generated by plot.py at 2019-03-18 21:27:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.62 Mbit/s

95th percentile per-packet one-way delay: 58.730 ms

Loss rate: 1.42%

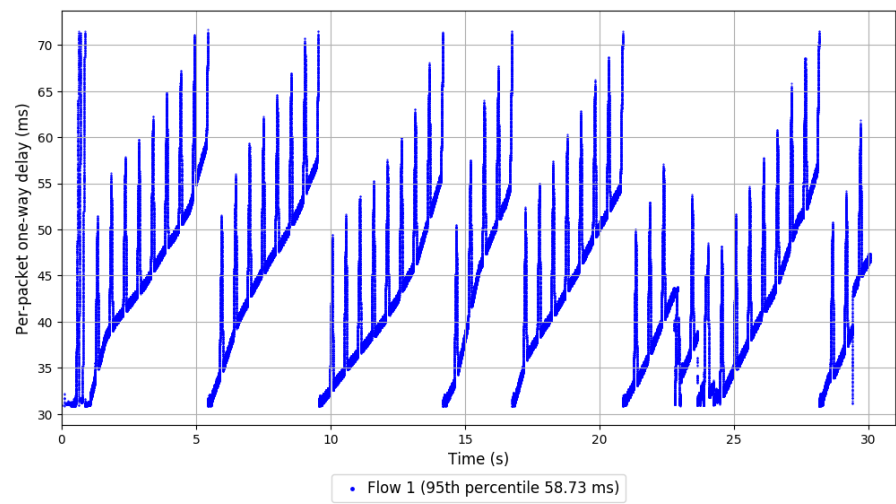
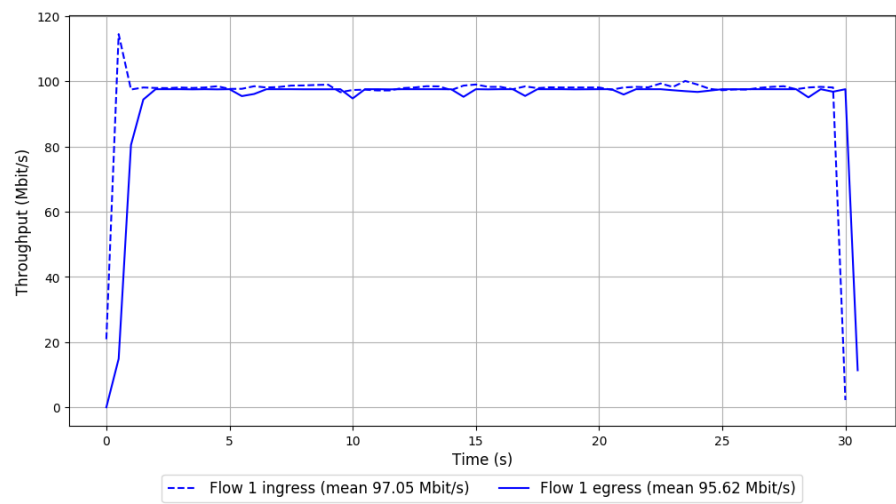
-- Flow 1:

Average throughput: 95.62 Mbit/s

95th percentile per-packet one-way delay: 58.730 ms

Loss rate: 1.42%

Run 2: Report of TCP BBR — Data Link

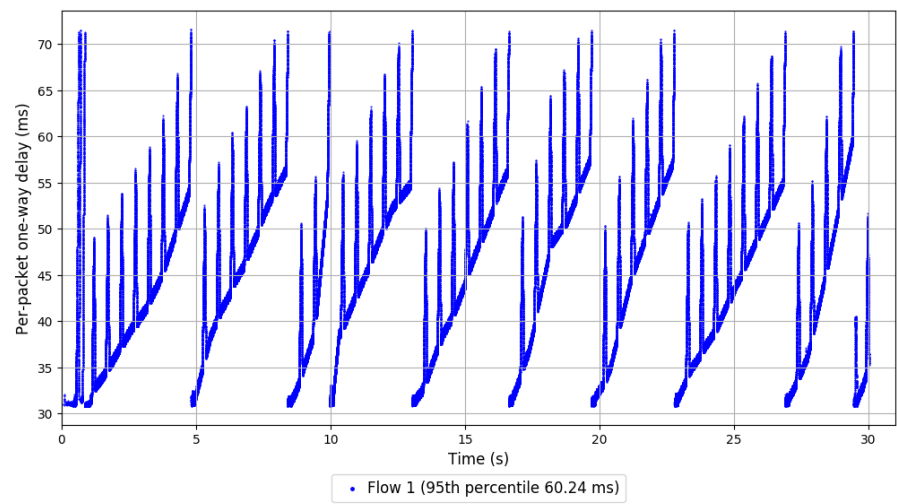
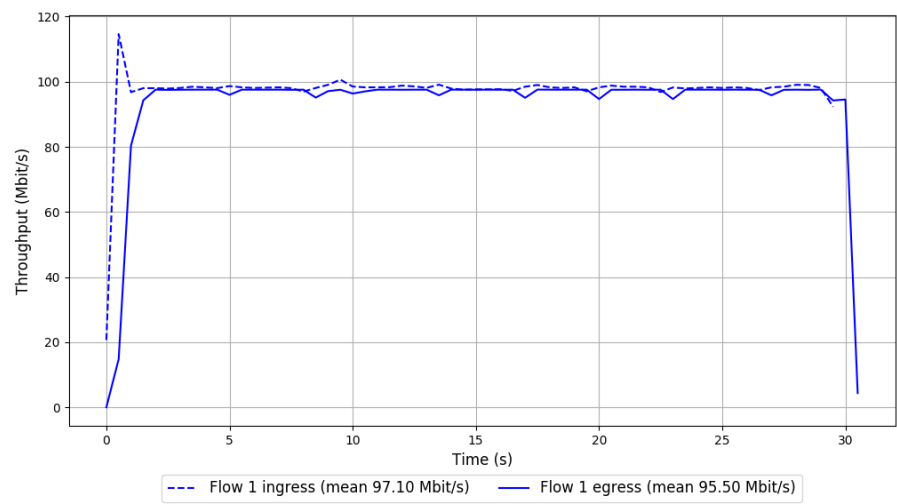


Run 3: Statistics of TCP BBR

Start at: 2019-03-18 20:33:20
End at: 2019-03-18 20:33:50
Local clock offset: 0.161 ms
Remote clock offset: -1.757 ms

Below is generated by plot.py at 2019-03-18 21:27:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.50 Mbit/s
95th percentile per-packet one-way delay: 60.245 ms
Loss rate: 1.63%
-- Flow 1:
Average throughput: 95.50 Mbit/s
95th percentile per-packet one-way delay: 60.245 ms
Loss rate: 1.63%

Run 3: Report of TCP BBR — Data Link

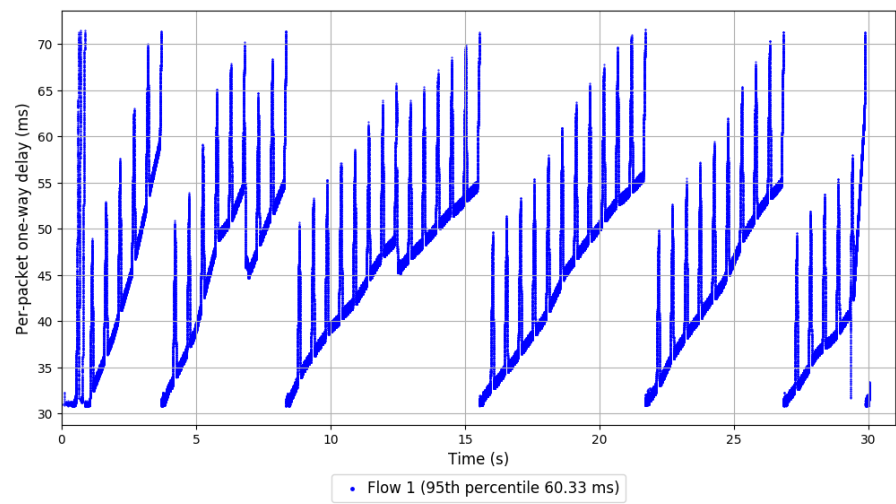
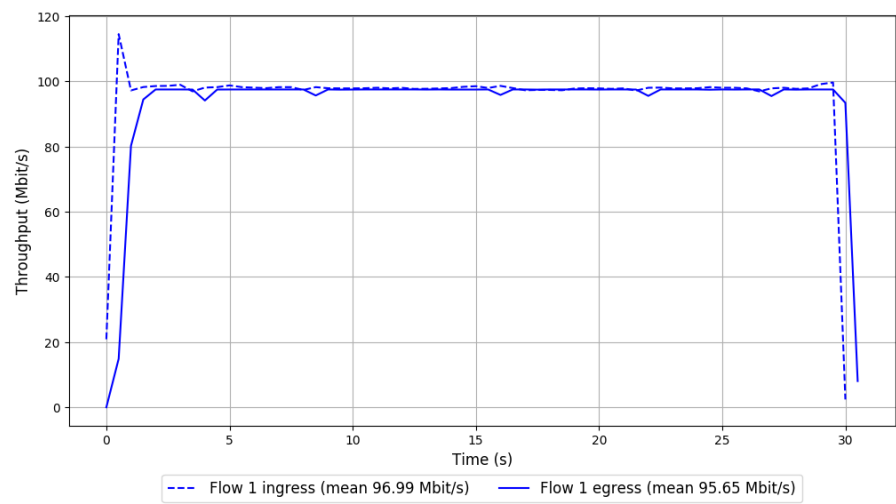


Run 4: Statistics of TCP BBR

Start at: 2019-03-18 20:57:45
End at: 2019-03-18 20:58:15
Local clock offset: 0.454 ms
Remote clock offset: -1.666 ms

Below is generated by plot.py at 2019-03-18 21:27:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.65 Mbit/s
95th percentile per-packet one-way delay: 60.332 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 95.65 Mbit/s
95th percentile per-packet one-way delay: 60.332 ms
Loss rate: 1.37%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2019-03-18 21:21:58

End at: 2019-03-18 21:22:28

Local clock offset: 0.477 ms

Remote clock offset: -1.785 ms

Below is generated by plot.py at 2019-03-18 21:27:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.62 Mbit/s

95th percentile per-packet one-way delay: 59.214 ms

Loss rate: 1.48%

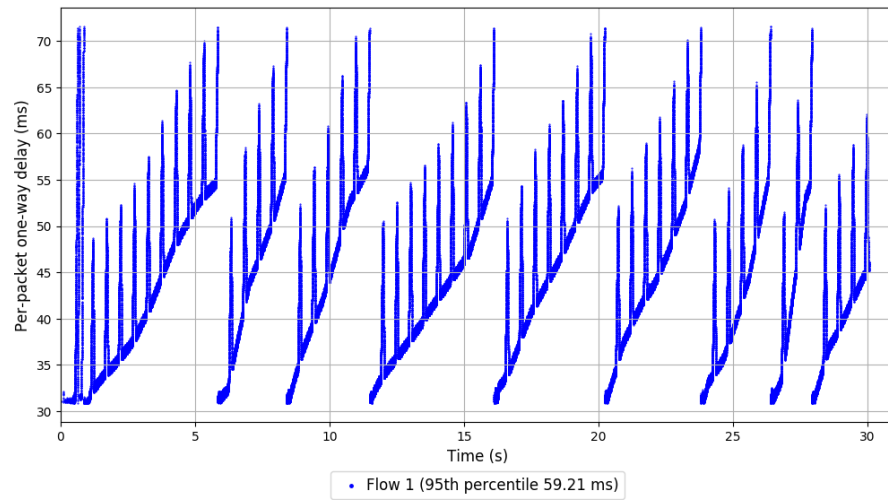
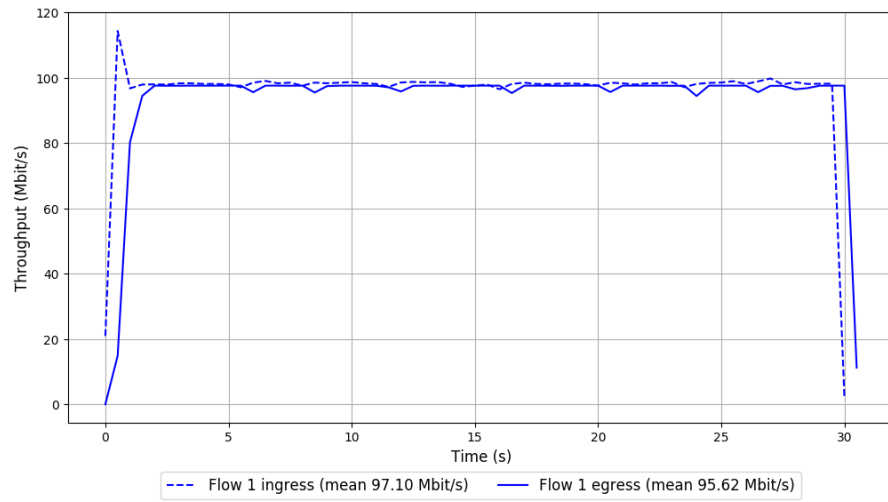
-- Flow 1:

Average throughput: 95.62 Mbit/s

95th percentile per-packet one-way delay: 59.214 ms

Loss rate: 1.48%

Run 5: Report of TCP BBR — Data Link

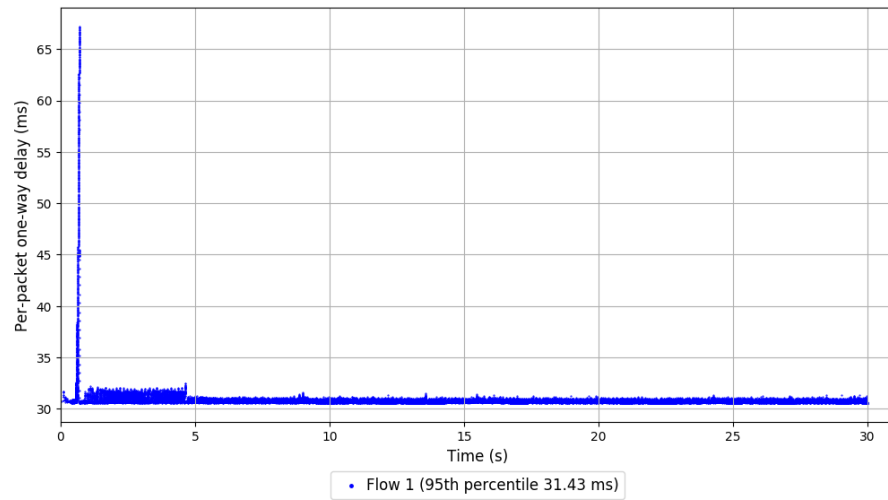
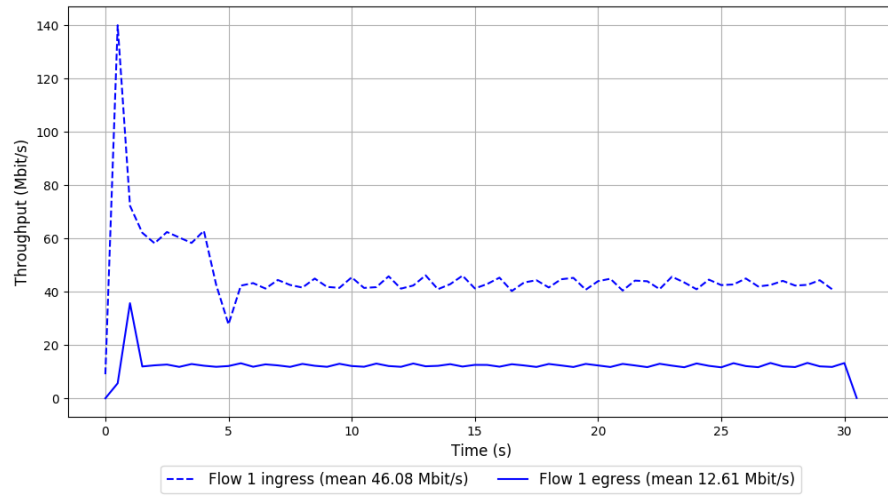


Run 1: Statistics of Copa

Start at: 2019-03-18 19:27:22
End at: 2019-03-18 19:27:52
Local clock offset: 0.772 ms
Remote clock offset: -3.802 ms

Below is generated by plot.py at 2019-03-18 21:27:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.61 Mbit/s
95th percentile per-packet one-way delay: 31.428 ms
Loss rate: 72.63%
-- Flow 1:
Average throughput: 12.61 Mbit/s
95th percentile per-packet one-way delay: 31.428 ms
Loss rate: 72.63%

Run 1: Report of Copa — Data Link

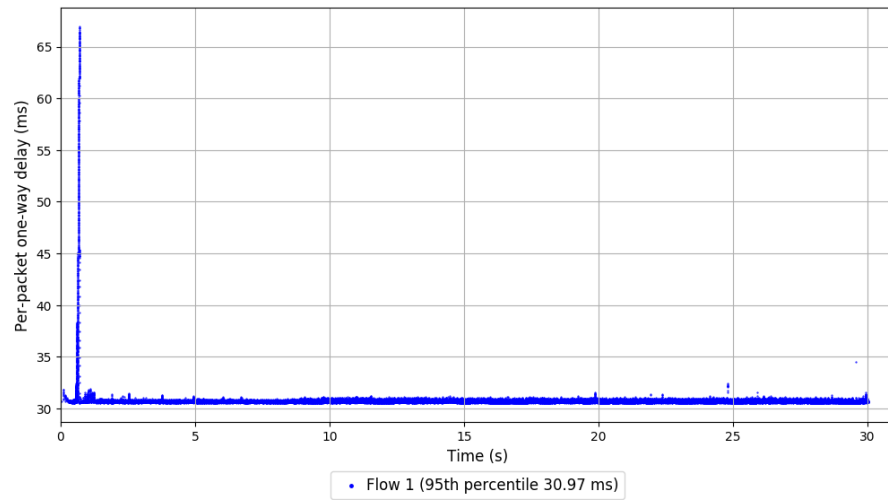
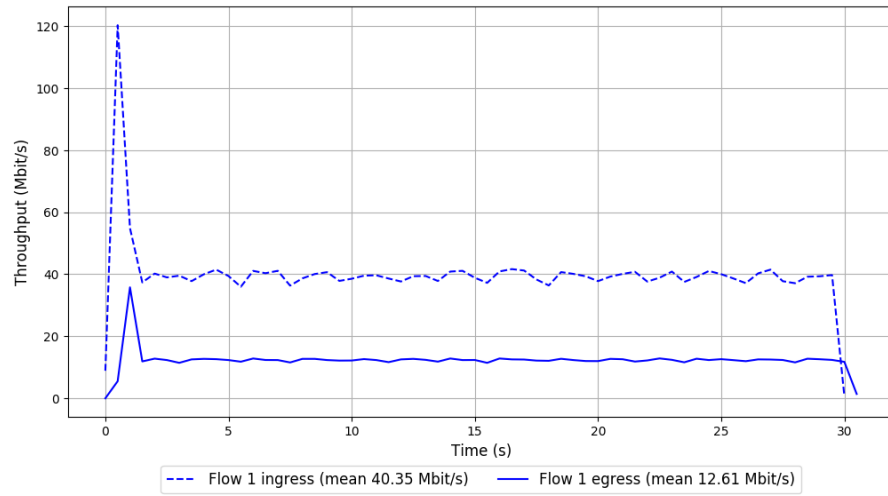


Run 2: Statistics of Copa

Start at: 2019-03-18 19:51:35
End at: 2019-03-18 19:52:05
Local clock offset: 0.706 ms
Remote clock offset: -3.027 ms

Below is generated by plot.py at 2019-03-18 21:27:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.61 Mbit/s
95th percentile per-packet one-way delay: 30.972 ms
Loss rate: 68.74%
-- Flow 1:
Average throughput: 12.61 Mbit/s
95th percentile per-packet one-way delay: 30.972 ms
Loss rate: 68.74%

Run 2: Report of Copa — Data Link

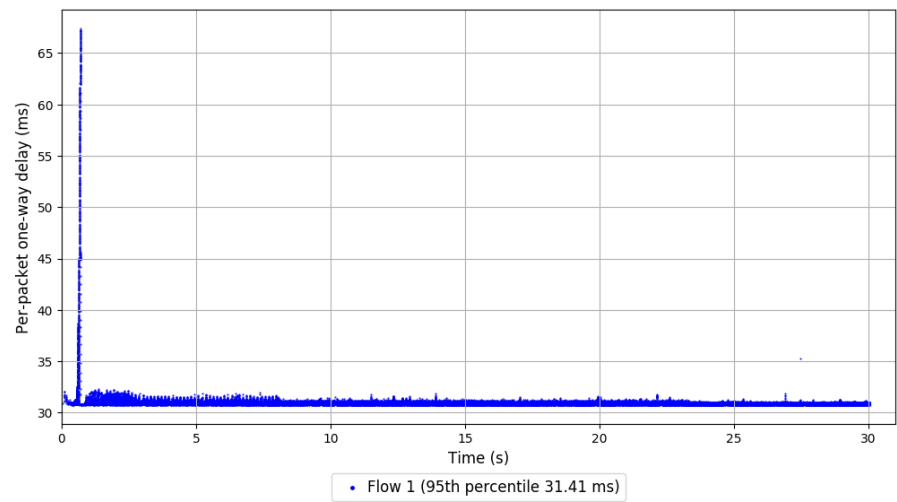
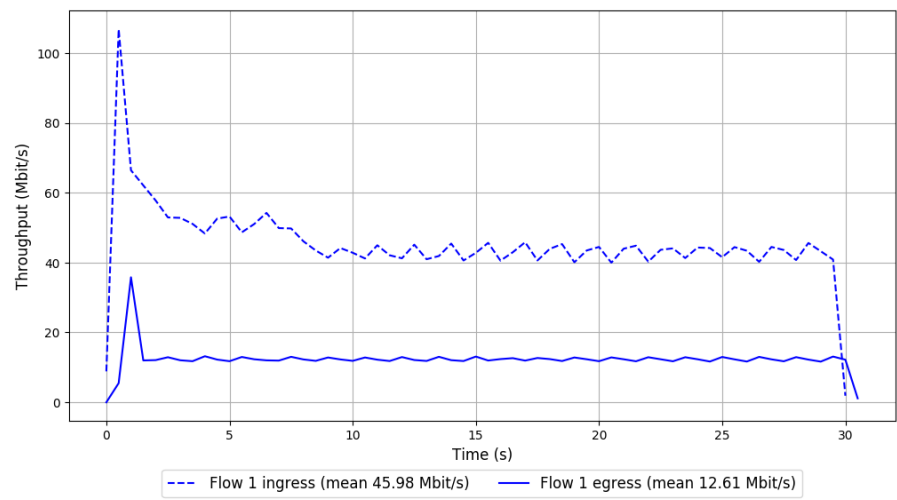


Run 3: Statistics of Copa

Start at: 2019-03-18 20:15:56
End at: 2019-03-18 20:16:26
Local clock offset: 0.451 ms
Remote clock offset: -2.214 ms

Below is generated by plot.py at 2019-03-18 21:27:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.61 Mbit/s
95th percentile per-packet one-way delay: 31.411 ms
Loss rate: 72.57%
-- Flow 1:
Average throughput: 12.61 Mbit/s
95th percentile per-packet one-way delay: 31.411 ms
Loss rate: 72.57%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2019-03-18 20:40:15

End at: 2019-03-18 20:40:45

Local clock offset: 0.152 ms

Remote clock offset: -1.73 ms

Below is generated by plot.py at 2019-03-18 21:27:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.61 Mbit/s

95th percentile per-packet one-way delay: 31.204 ms

Loss rate: 71.14%

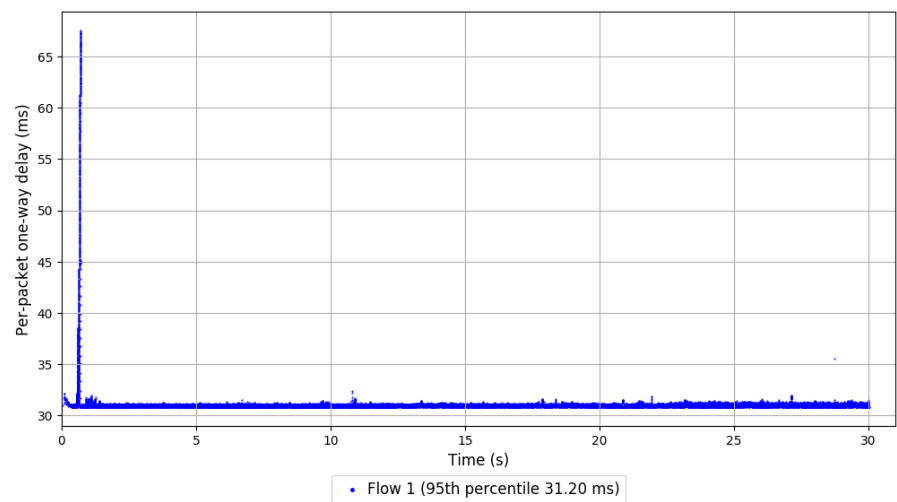
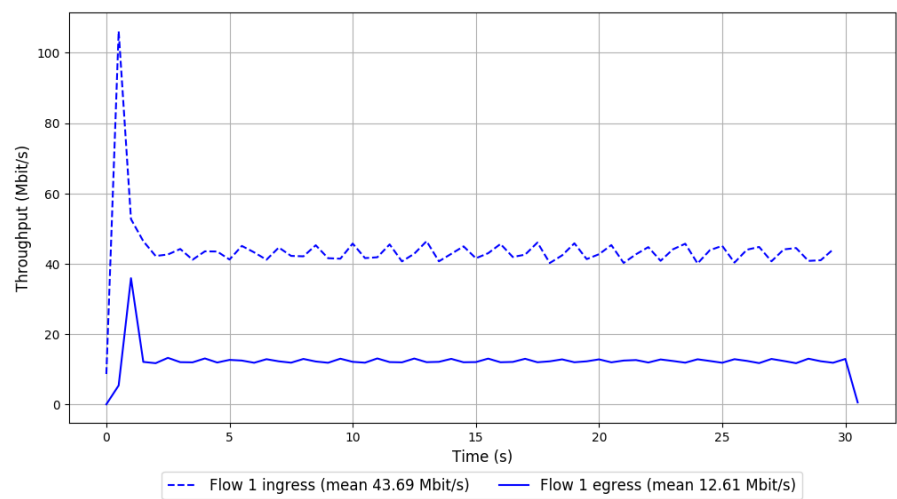
-- Flow 1:

Average throughput: 12.61 Mbit/s

95th percentile per-packet one-way delay: 31.204 ms

Loss rate: 71.14%

Run 4: Report of Copa — Data Link

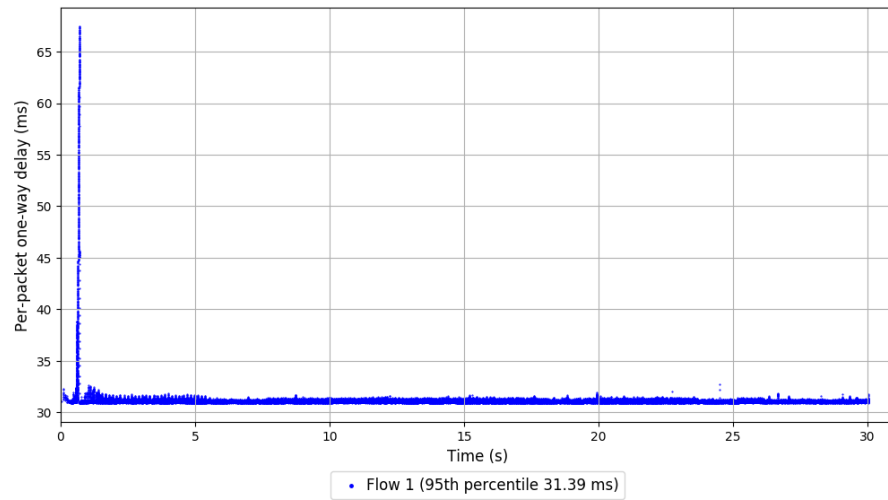
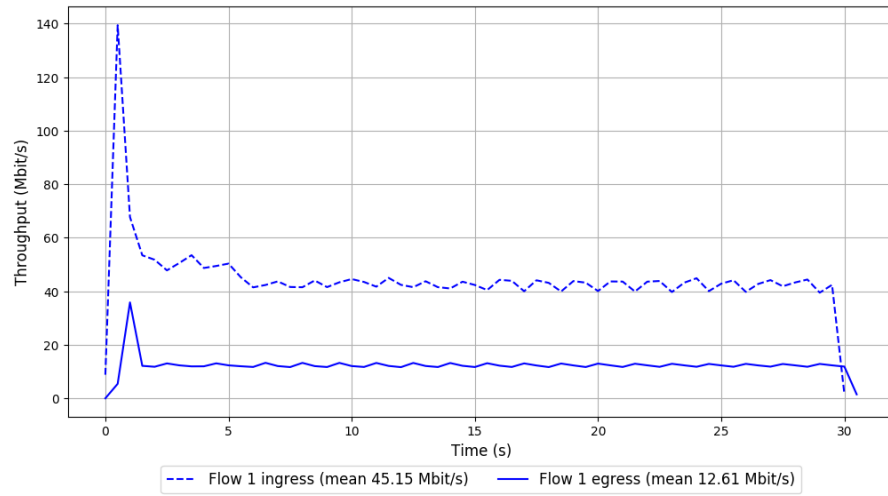


Run 5: Statistics of Copa

Start at: 2019-03-18 21:04:38
End at: 2019-03-18 21:05:08
Local clock offset: 0.53 ms
Remote clock offset: -1.577 ms

Below is generated by plot.py at 2019-03-18 21:27:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.61 Mbit/s
95th percentile per-packet one-way delay: 31.388 ms
Loss rate: 72.07%
-- Flow 1:
Average throughput: 12.61 Mbit/s
95th percentile per-packet one-way delay: 31.388 ms
Loss rate: 72.07%

Run 5: Report of Copa — Data Link

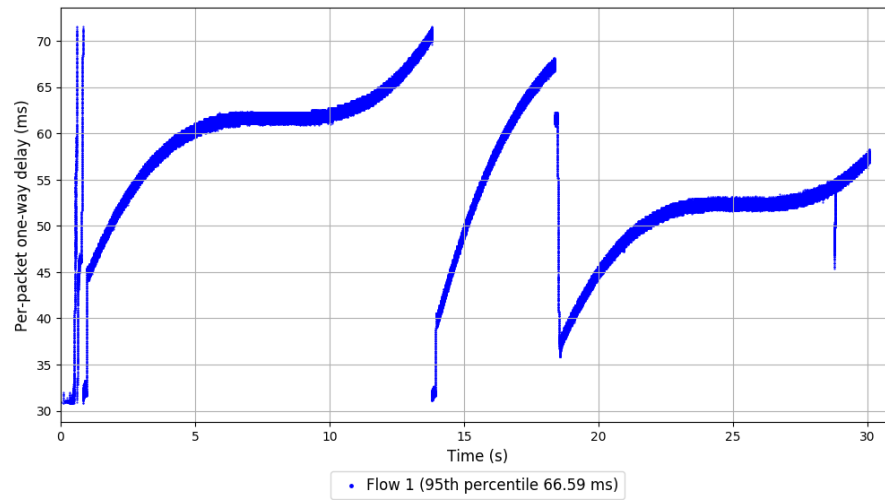
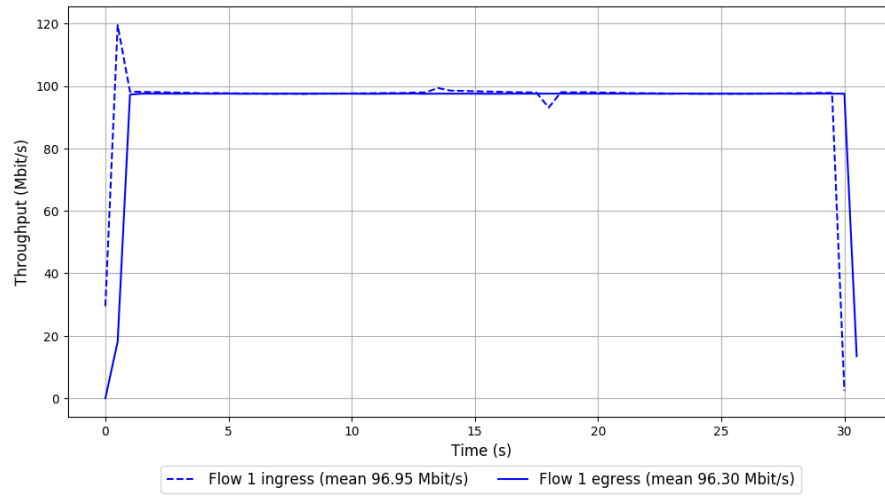


Run 1: Statistics of TCP Cubic

Start at: 2019-03-18 19:47:00
End at: 2019-03-18 19:47:30
Local clock offset: 0.992 ms
Remote clock offset: -2.927 ms

Below is generated by plot.py at 2019-03-18 21:27:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 66.586 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 66.586 ms
Loss rate: 0.58%

Run 1: Report of TCP Cubic — Data Link

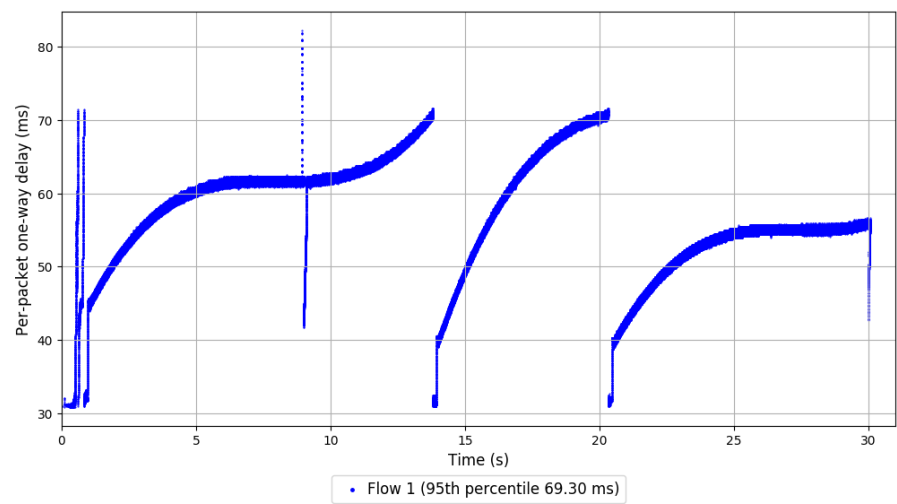
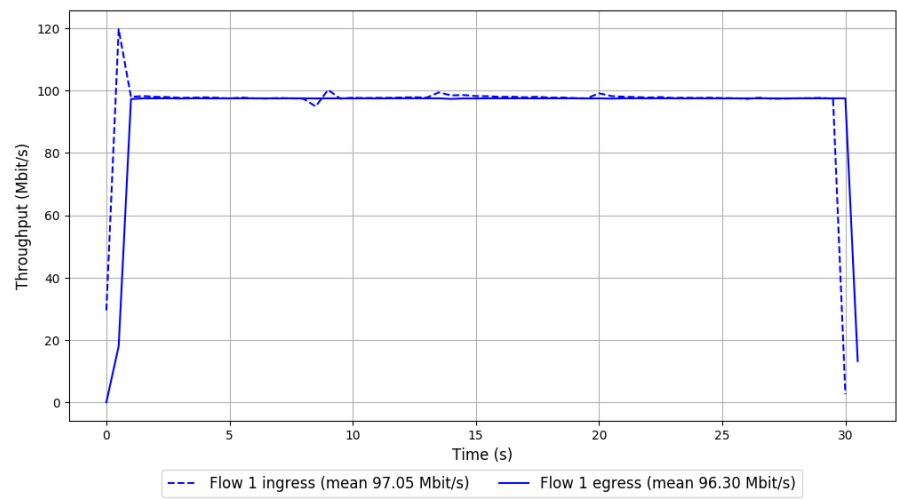


Run 2: Statistics of TCP Cubic

Start at: 2019-03-18 20:11:20
End at: 2019-03-18 20:11:50
Local clock offset: 0.396 ms
Remote clock offset: -2.315 ms

Below is generated by plot.py at 2019-03-18 21:28:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 69.296 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 69.296 ms
Loss rate: 0.70%

Run 2: Report of TCP Cubic — Data Link

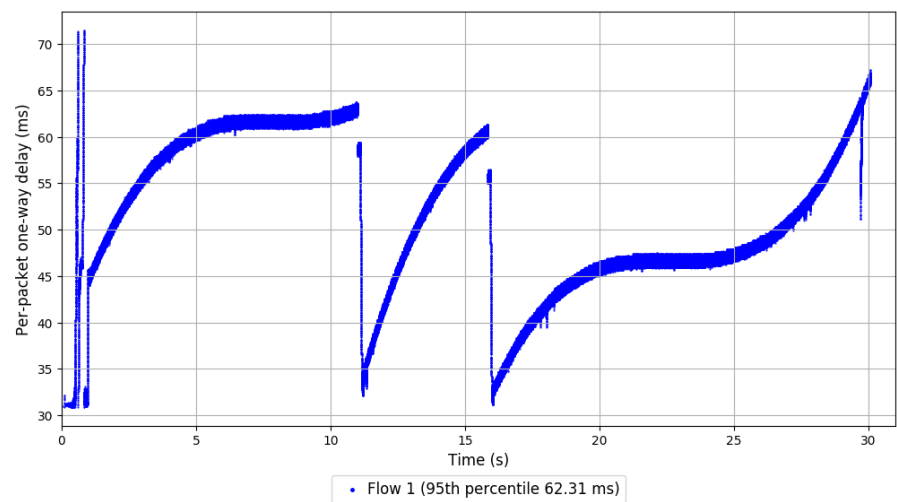
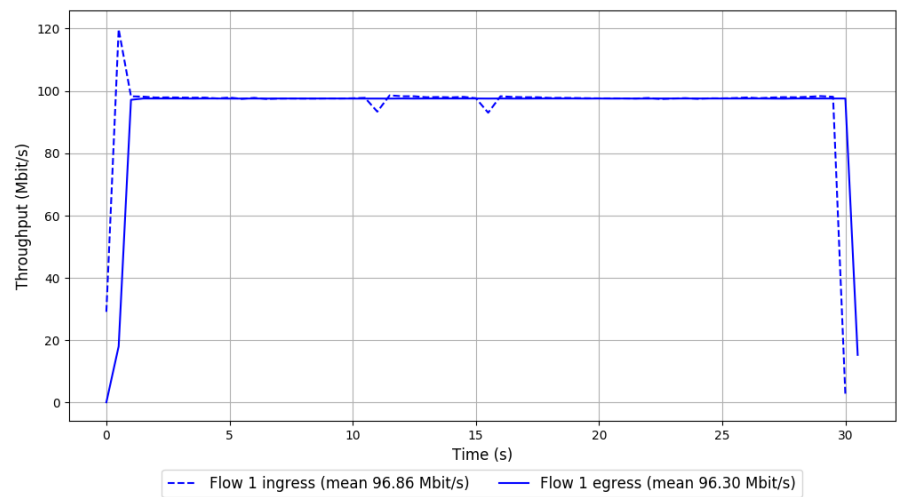


Run 3: Statistics of TCP Cubic

Start at: 2019-03-18 20:35:38
End at: 2019-03-18 20:36:08
Local clock offset: 0.152 ms
Remote clock offset: -1.682 ms

Below is generated by plot.py at 2019-03-18 21:28:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 62.311 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 62.311 ms
Loss rate: 0.46%

Run 3: Report of TCP Cubic — Data Link

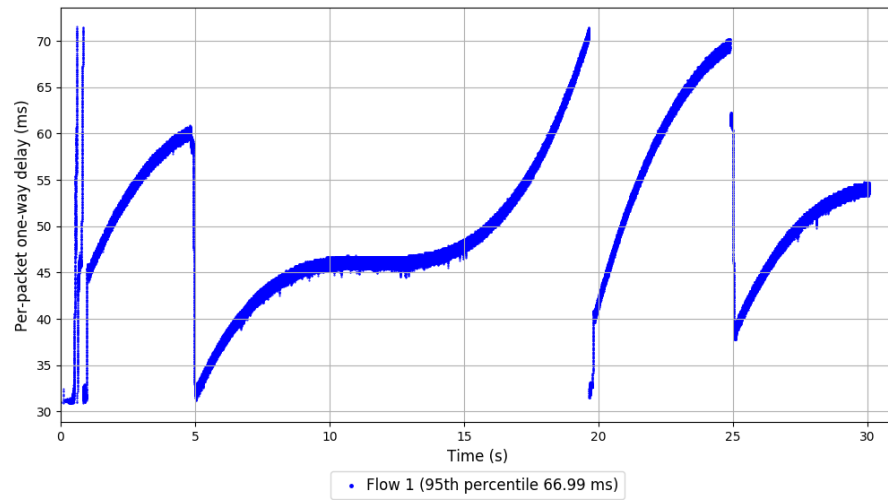
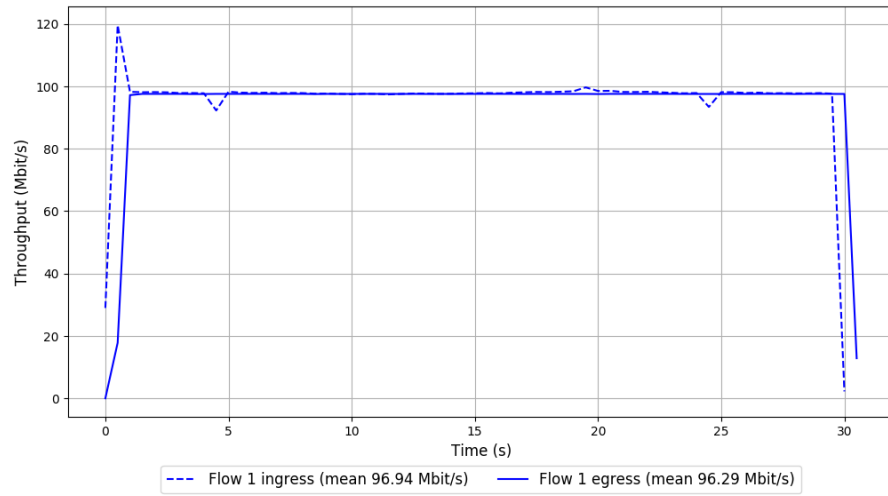


Run 4: Statistics of TCP Cubic

Start at: 2019-03-18 21:00:02
End at: 2019-03-18 21:00:32
Local clock offset: 0.499 ms
Remote clock offset: -1.606 ms

Below is generated by plot.py at 2019-03-18 21:28:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.29 Mbit/s
95th percentile per-packet one-way delay: 66.992 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 96.29 Mbit/s
95th percentile per-packet one-way delay: 66.992 ms
Loss rate: 0.59%

Run 4: Report of TCP Cubic — Data Link

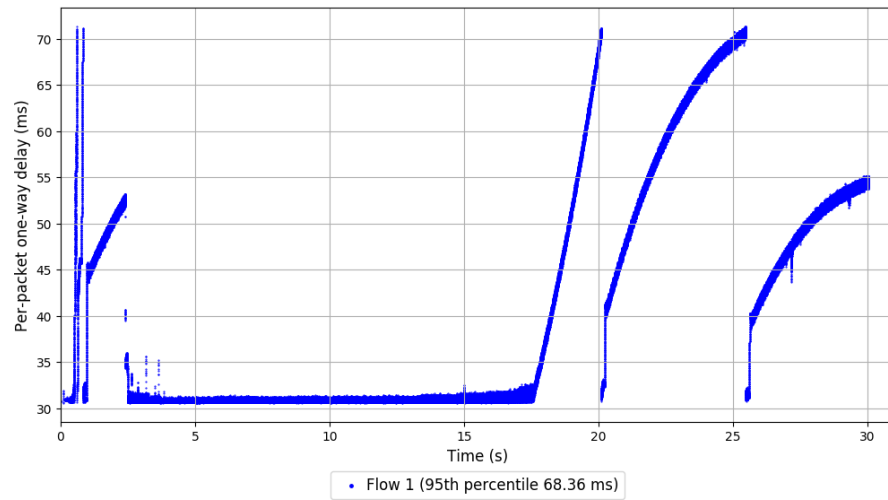
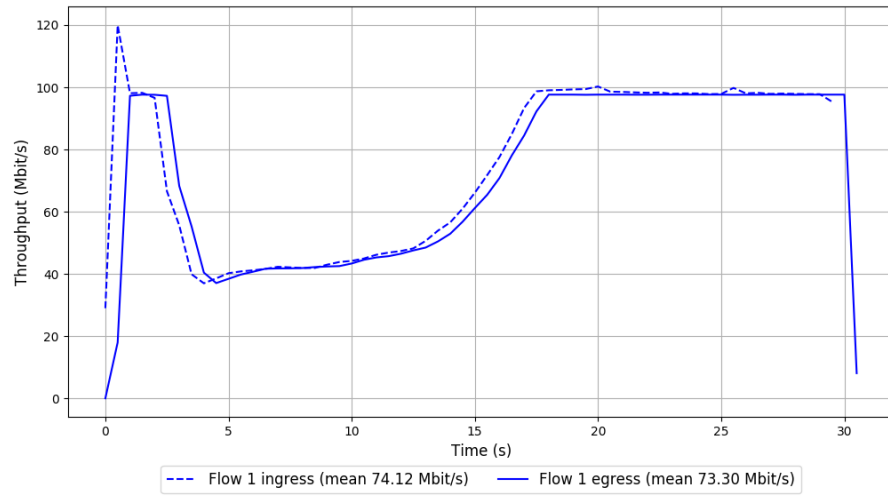


Run 5: Statistics of TCP Cubic

Start at: 2019-03-18 21:24:16
End at: 2019-03-18 21:24:46
Local clock offset: 0.452 ms
Remote clock offset: -2.034 ms

Below is generated by plot.py at 2019-03-18 21:28:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.30 Mbit/s
95th percentile per-packet one-way delay: 68.365 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 73.30 Mbit/s
95th percentile per-packet one-way delay: 68.365 ms
Loss rate: 1.02%

Run 5: Report of TCP Cubic — Data Link

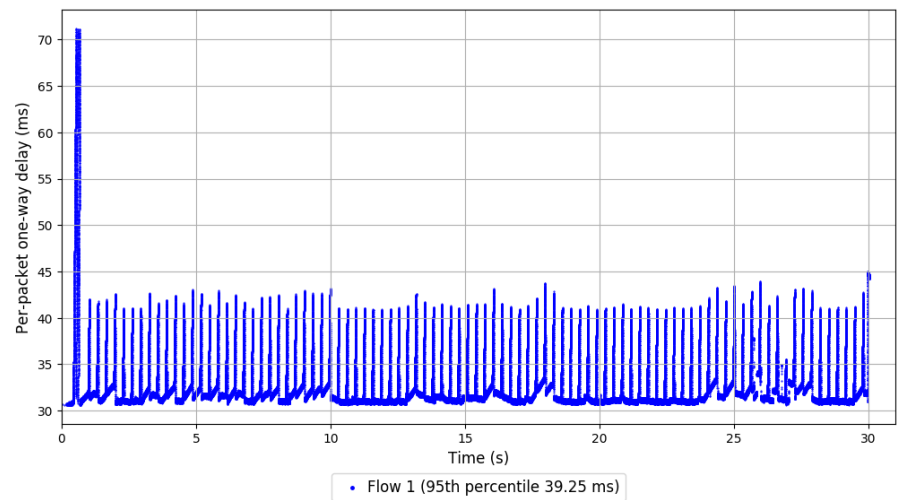
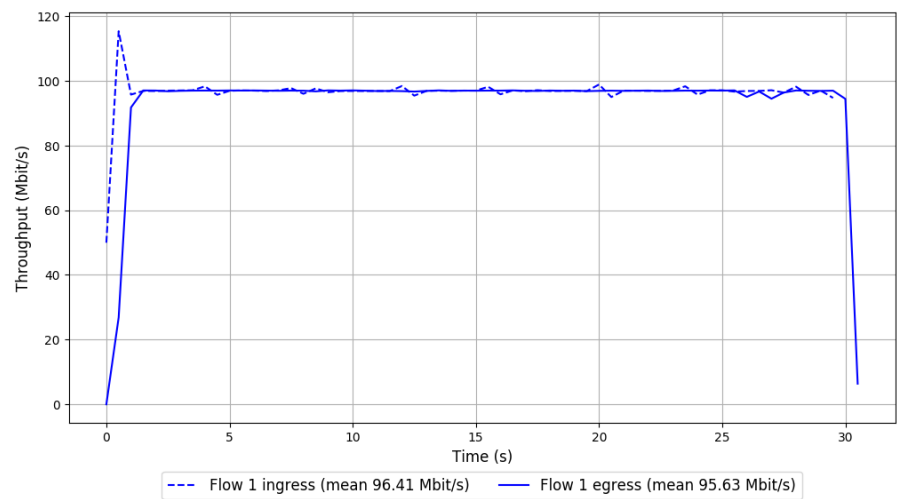


Run 1: Statistics of FillP

Start at: 2019-03-18 19:38:51
End at: 2019-03-18 19:39:21
Local clock offset: 0.882 ms
Remote clock offset: -3.269 ms

Below is generated by plot.py at 2019-03-18 21:28:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.63 Mbit/s
95th percentile per-packet one-way delay: 39.250 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 95.63 Mbit/s
95th percentile per-packet one-way delay: 39.250 ms
Loss rate: 0.76%

Run 1: Report of FillP — Data Link

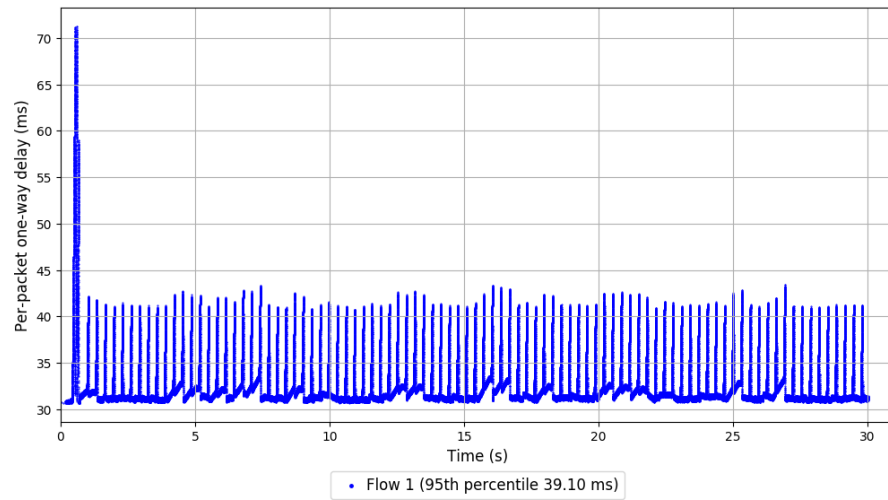
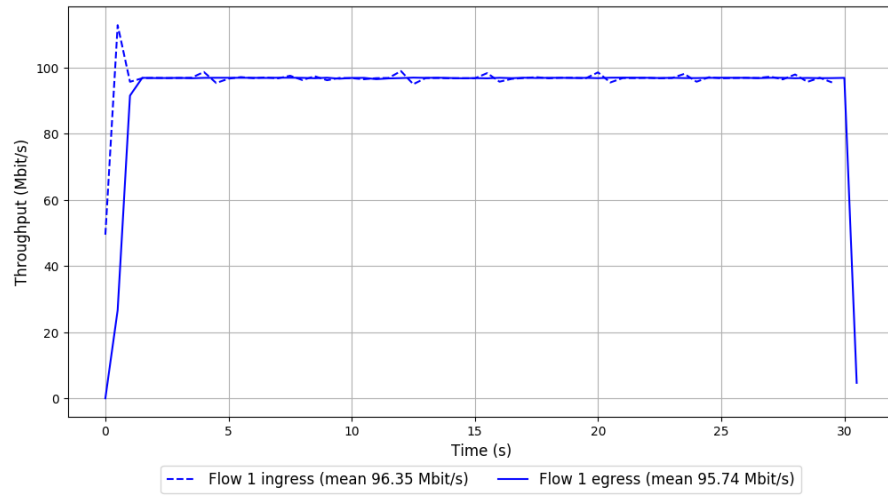


Run 2: Statistics of FillP

Start at: 2019-03-18 20:03:11
End at: 2019-03-18 20:03:41
Local clock offset: 0.407 ms
Remote clock offset: -2.505 ms

Below is generated by plot.py at 2019-03-18 21:28:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.74 Mbit/s
95th percentile per-packet one-way delay: 39.099 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 95.74 Mbit/s
95th percentile per-packet one-way delay: 39.099 ms
Loss rate: 0.64%

Run 2: Report of FillP — Data Link

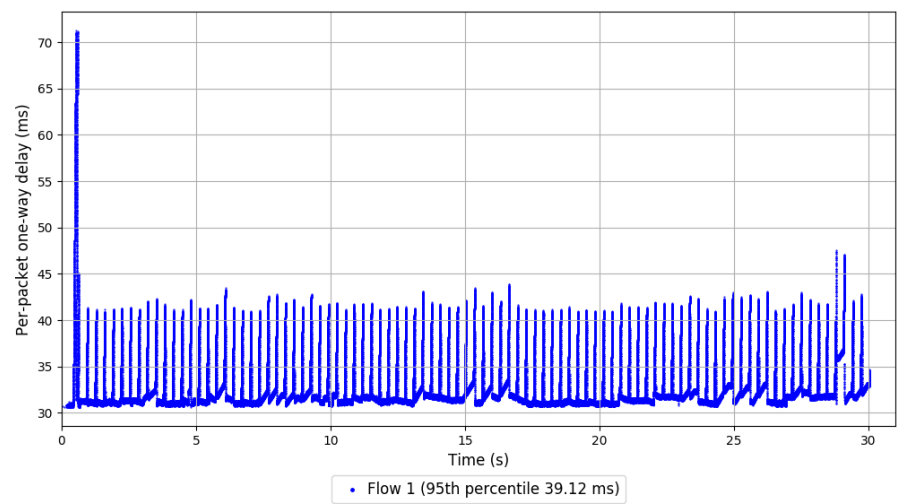
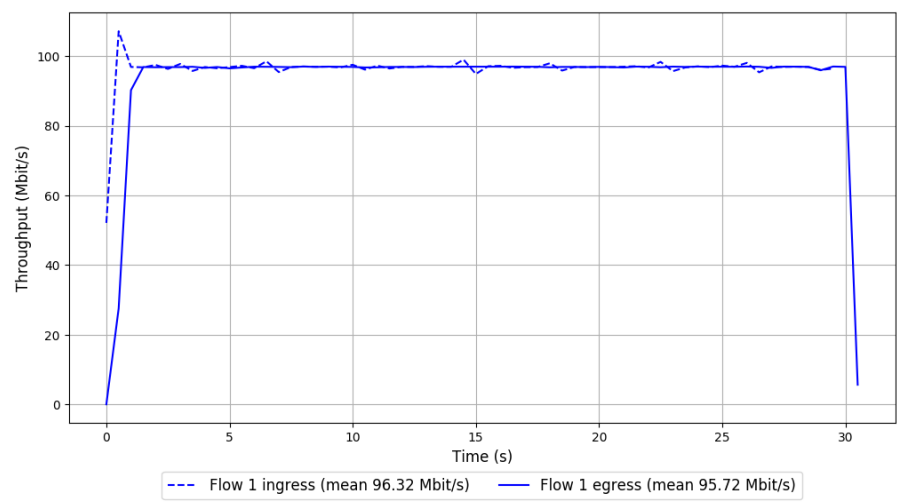


Run 3: Statistics of FillP

Start at: 2019-03-18 20:27:27
End at: 2019-03-18 20:27:57
Local clock offset: 0.177 ms
Remote clock offset: -1.944 ms

Below is generated by plot.py at 2019-03-18 21:28:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.72 Mbit/s
95th percentile per-packet one-way delay: 39.118 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 95.72 Mbit/s
95th percentile per-packet one-way delay: 39.118 ms
Loss rate: 0.61%

Run 3: Report of FillP — Data Link

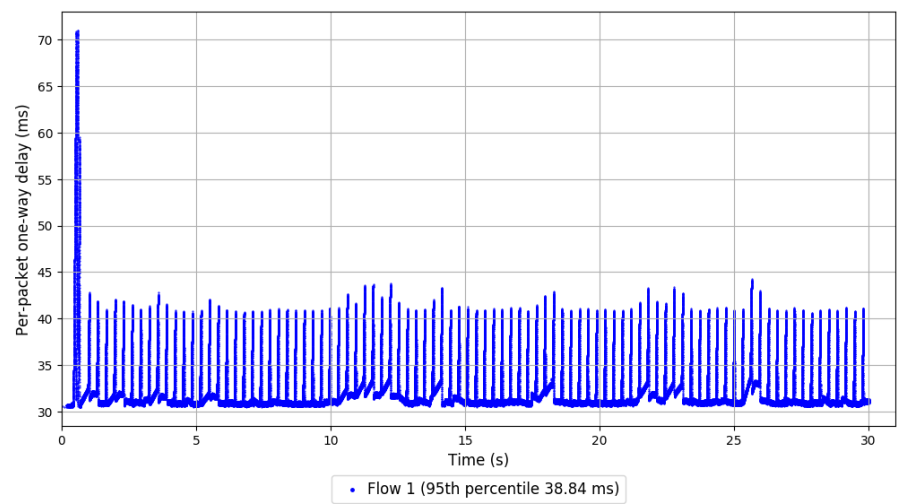
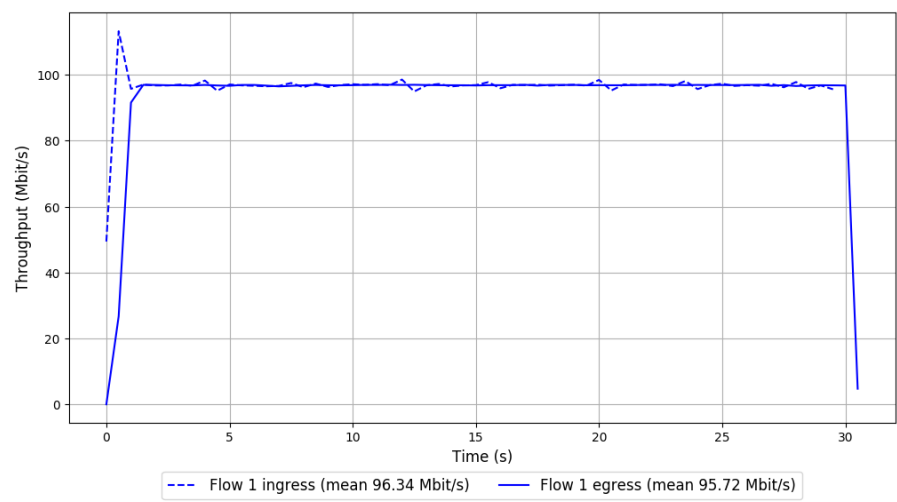


Run 4: Statistics of FillP

Start at: 2019-03-18 20:51:54
End at: 2019-03-18 20:52:24
Local clock offset: 0.349 ms
Remote clock offset: -1.895 ms

Below is generated by plot.py at 2019-03-18 21:29:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.72 Mbit/s
95th percentile per-packet one-way delay: 38.838 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 95.72 Mbit/s
95th percentile per-packet one-way delay: 38.838 ms
Loss rate: 0.64%

Run 4: Report of FillP — Data Link

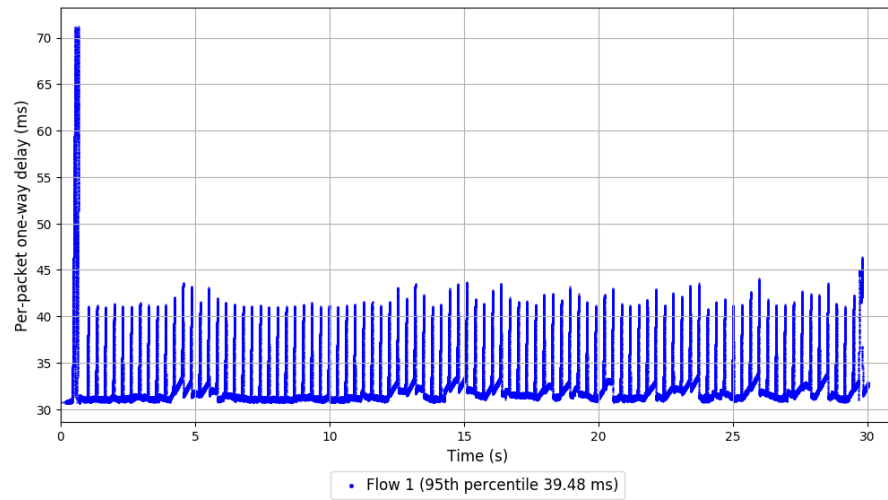
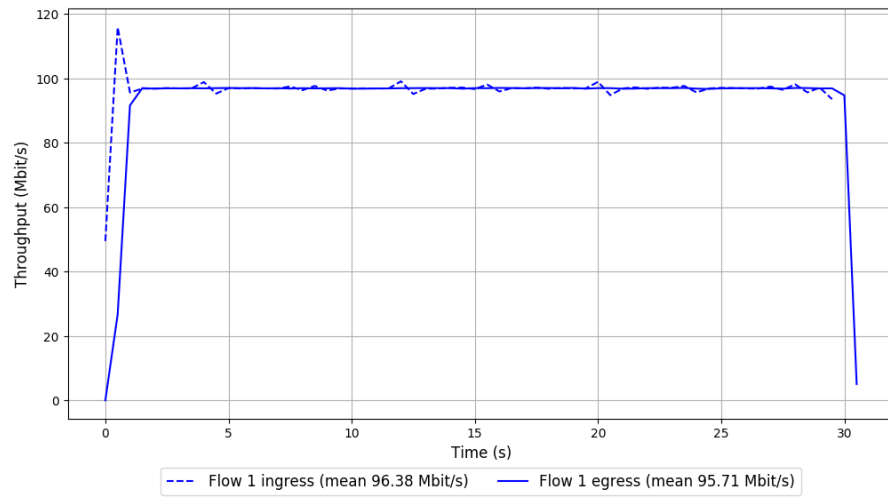


Run 5: Statistics of FillP

Start at: 2019-03-18 21:16:06
End at: 2019-03-18 21:16:36
Local clock offset: 0.601 ms
Remote clock offset: -1.772 ms

Below is generated by plot.py at 2019-03-18 21:29:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 39.482 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 39.482 ms
Loss rate: 0.69%

Run 5: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2019-03-18 19:26:13

End at: 2019-03-18 19:26:43

Local clock offset: 0.78 ms

Remote clock offset: -3.778 ms

Below is generated by plot.py at 2019-03-18 21:29:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.89 Mbit/s

95th percentile per-packet one-way delay: 36.720 ms

Loss rate: 0.58%

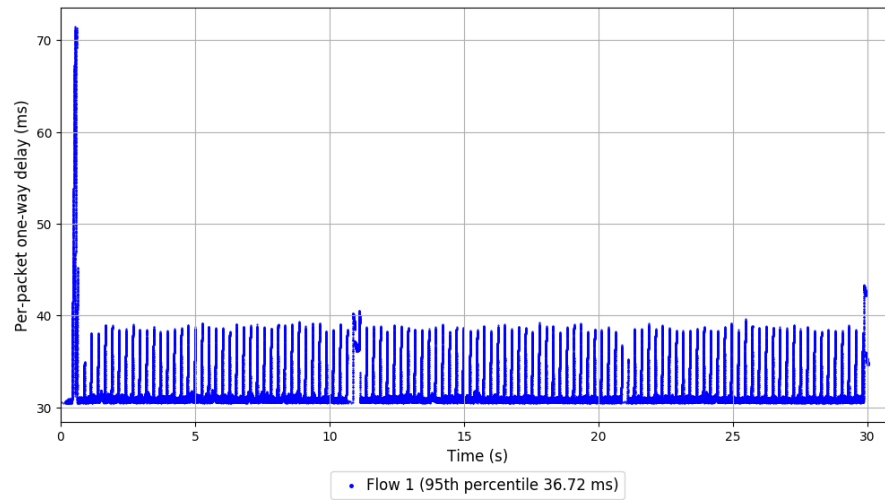
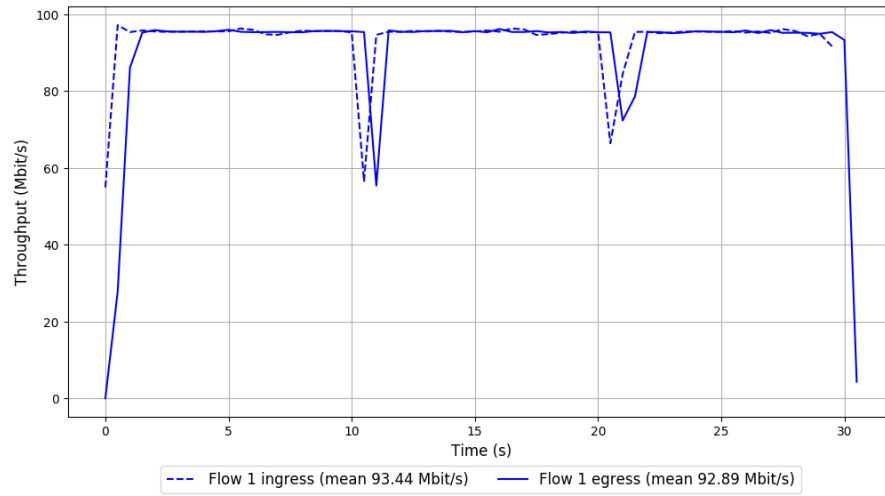
-- Flow 1:

Average throughput: 92.89 Mbit/s

95th percentile per-packet one-way delay: 36.720 ms

Loss rate: 0.58%

Run 1: Report of FillP-Sheep — Data Link

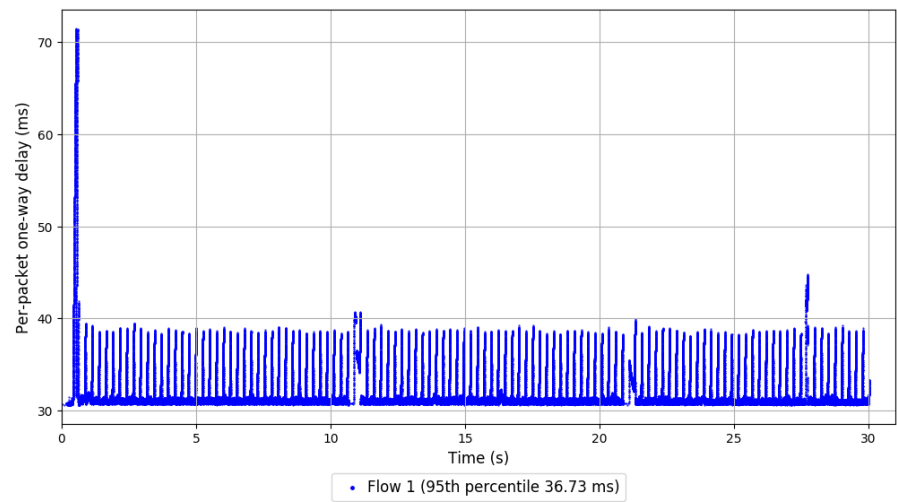
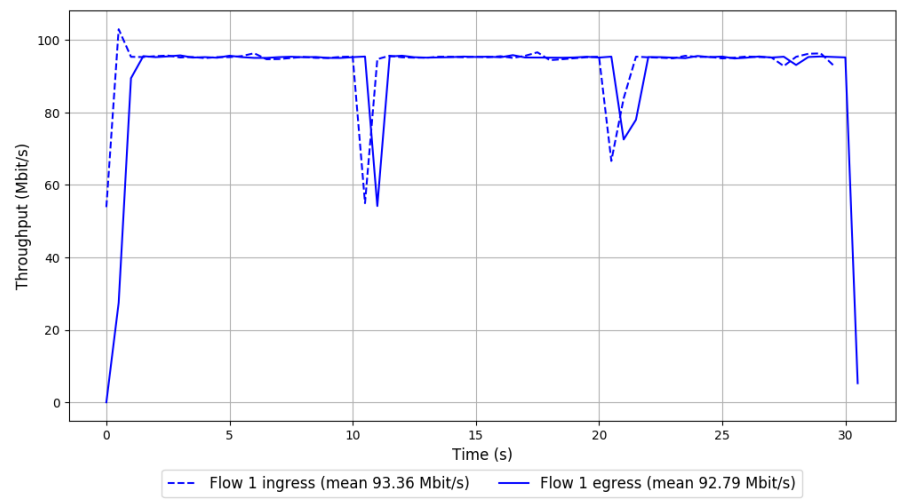


Run 2: Statistics of FillP-Sheep

Start at: 2019-03-18 19:50:25
End at: 2019-03-18 19:50:55
Local clock offset: 0.743 ms
Remote clock offset: -2.858 ms

Below is generated by plot.py at 2019-03-18 21:29:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.79 Mbit/s
95th percentile per-packet one-way delay: 36.734 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 92.79 Mbit/s
95th percentile per-packet one-way delay: 36.734 ms
Loss rate: 0.60%

Run 2: Report of FillP-Sheep — Data Link

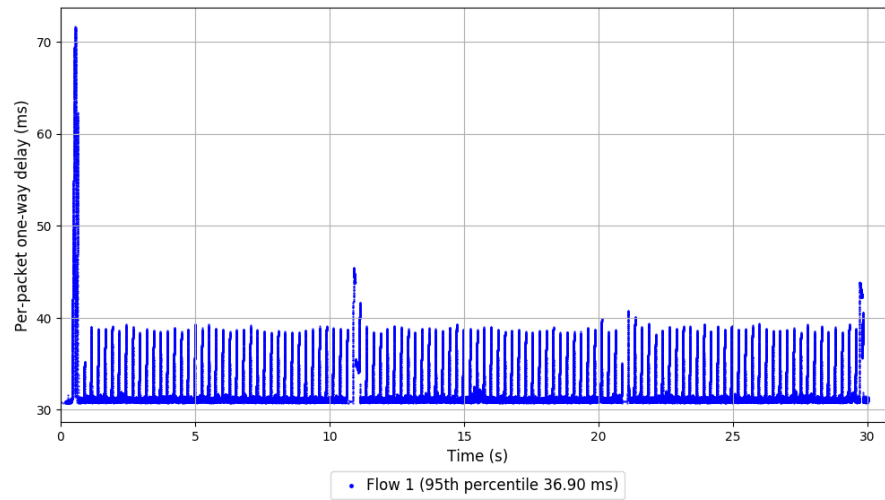
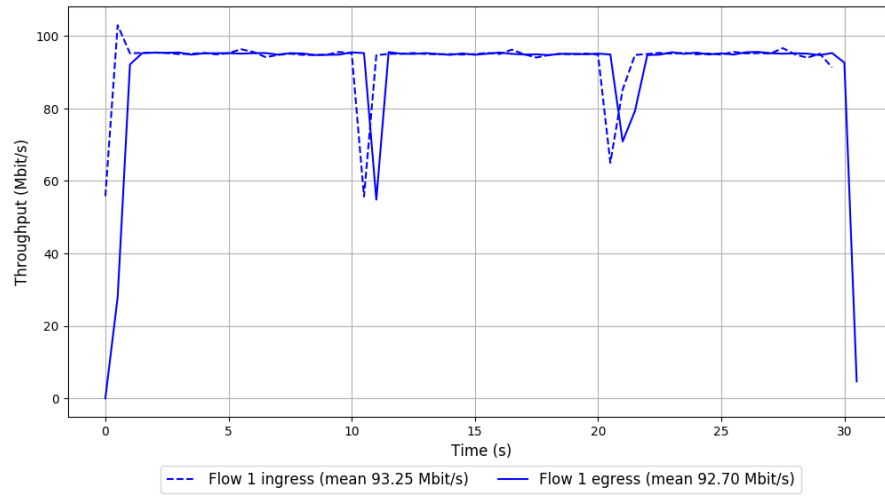


Run 3: Statistics of FillP-Sheep

Start at: 2019-03-18 20:14:46
End at: 2019-03-18 20:15:16
Local clock offset: 0.434 ms
Remote clock offset: -2.229 ms

Below is generated by plot.py at 2019-03-18 21:30:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.70 Mbit/s
95th percentile per-packet one-way delay: 36.904 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 92.70 Mbit/s
95th percentile per-packet one-way delay: 36.904 ms
Loss rate: 0.59%

Run 3: Report of FillP-Sheep — Data Link

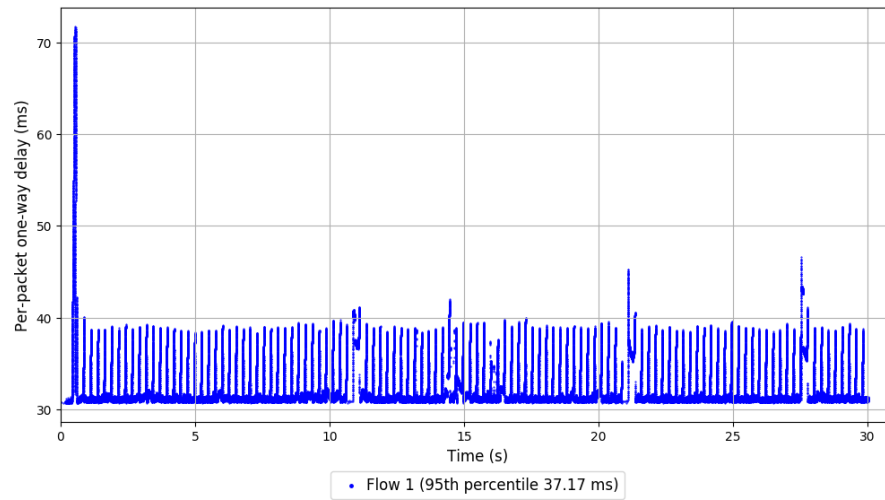
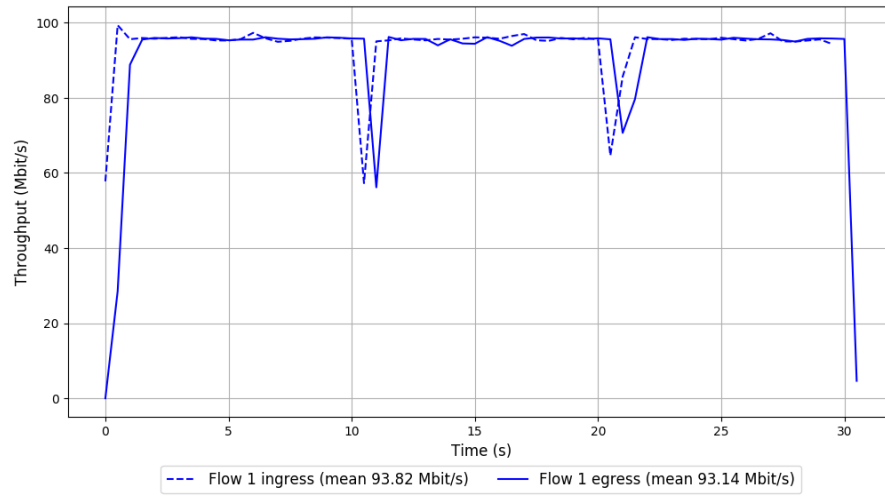


Run 4: Statistics of FillP-Sheep

Start at: 2019-03-18 20:39:05
End at: 2019-03-18 20:39:35
Local clock offset: 0.15 ms
Remote clock offset: -1.739 ms

Below is generated by plot.py at 2019-03-18 21:30:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.14 Mbit/s
95th percentile per-packet one-way delay: 37.173 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 93.14 Mbit/s
95th percentile per-packet one-way delay: 37.173 ms
Loss rate: 0.72%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2019-03-18 21:03:28

End at: 2019-03-18 21:03:58

Local clock offset: 0.558 ms

Remote clock offset: -1.661 ms

Below is generated by plot.py at 2019-03-18 21:30:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.86 Mbit/s

95th percentile per-packet one-way delay: 36.695 ms

Loss rate: 0.57%

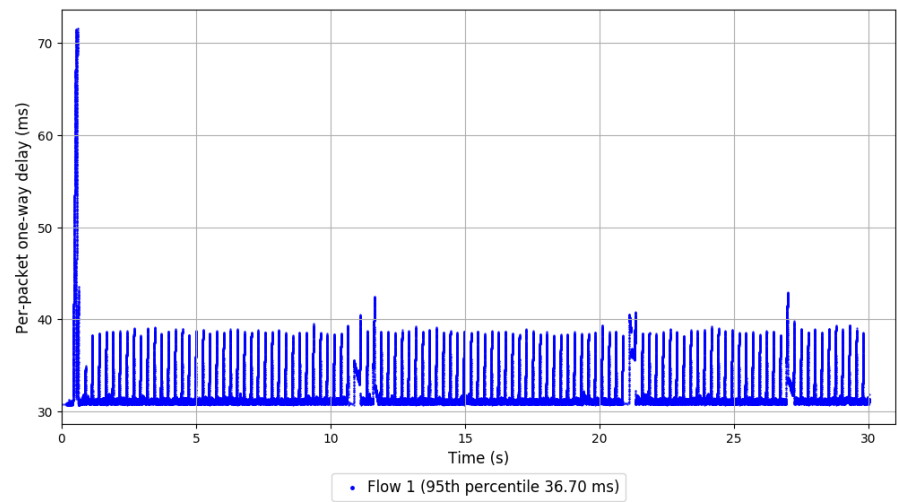
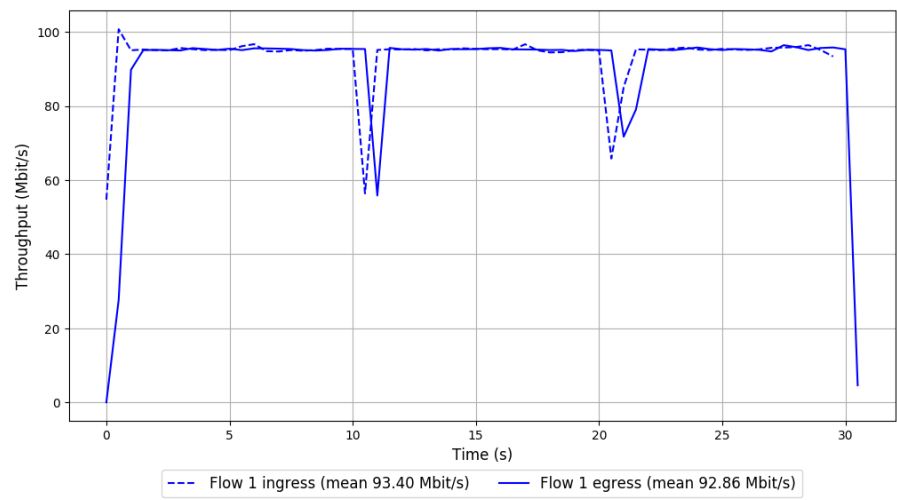
-- Flow 1:

Average throughput: 92.86 Mbit/s

95th percentile per-packet one-way delay: 36.695 ms

Loss rate: 0.57%

Run 5: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

Start at: 2019-03-18 19:28:30

End at: 2019-03-18 19:29:00

Local clock offset: 0.752 ms

Remote clock offset: -3.548 ms

Below is generated by plot.py at 2019-03-18 21:30:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.79 Mbit/s

95th percentile per-packet one-way delay: 35.753 ms

Loss rate: 0.02%

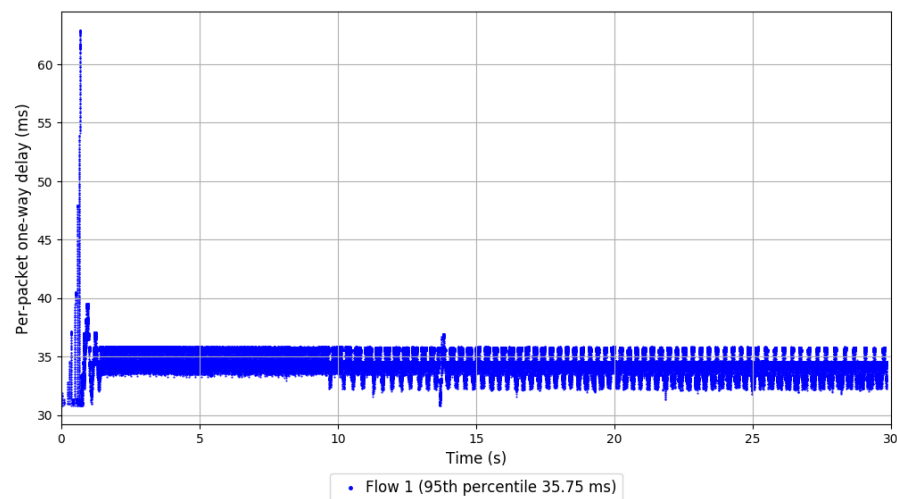
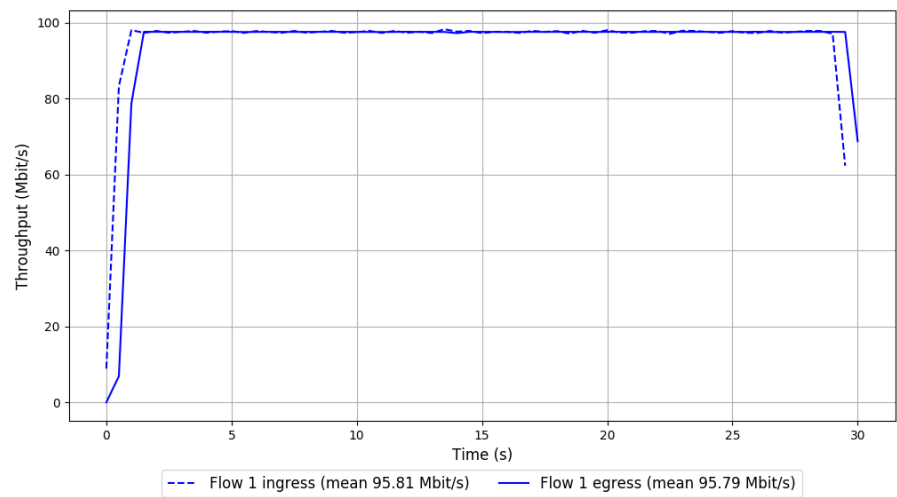
-- Flow 1:

Average throughput: 95.79 Mbit/s

95th percentile per-packet one-way delay: 35.753 ms

Loss rate: 0.02%

Run 1: Report of Indigo — Data Link

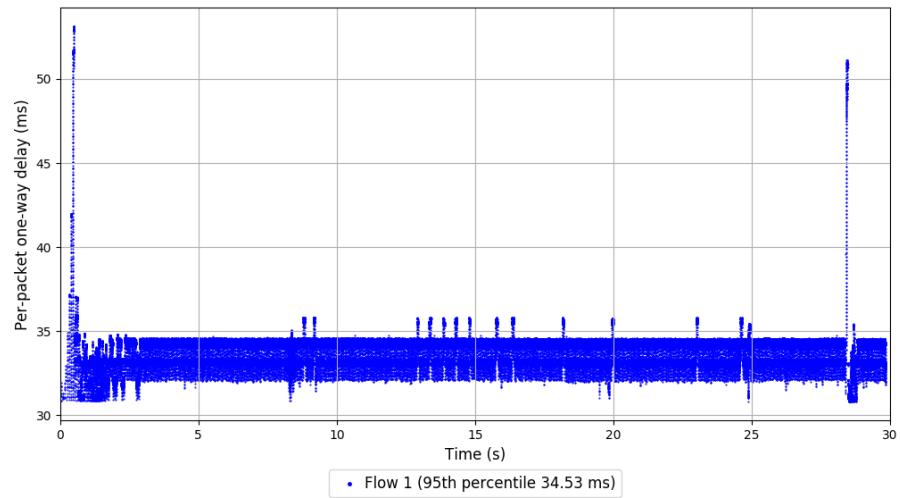
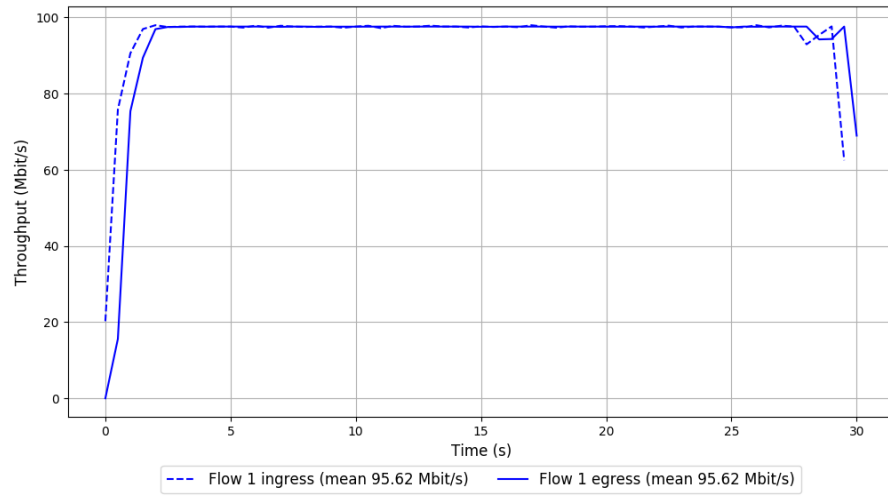


Run 2: Statistics of Indigo

Start at: 2019-03-18 19:52:43
End at: 2019-03-18 19:53:13
Local clock offset: 0.61 ms
Remote clock offset: -2.775 ms

Below is generated by plot.py at 2019-03-18 21:30:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.62 Mbit/s
95th percentile per-packet one-way delay: 34.535 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.62 Mbit/s
95th percentile per-packet one-way delay: 34.535 ms
Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

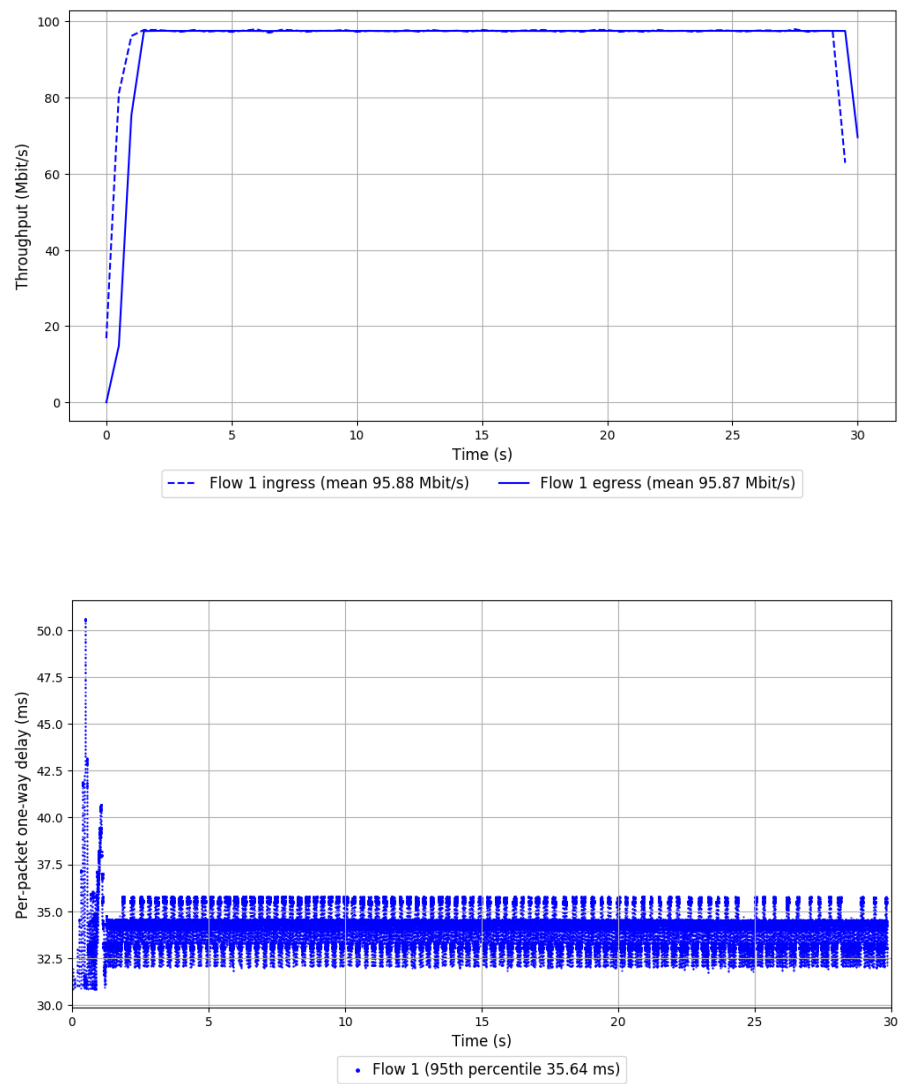


Run 3: Statistics of Indigo

Start at: 2019-03-18 20:17:04
End at: 2019-03-18 20:17:34
Local clock offset: 0.411 ms
Remote clock offset: -2.147 ms

Below is generated by plot.py at 2019-03-18 21:30:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.87 Mbit/s
95th percentile per-packet one-way delay: 35.636 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.87 Mbit/s
95th percentile per-packet one-way delay: 35.636 ms
Loss rate: 0.00%

Run 3: Report of Indigo — Data Link

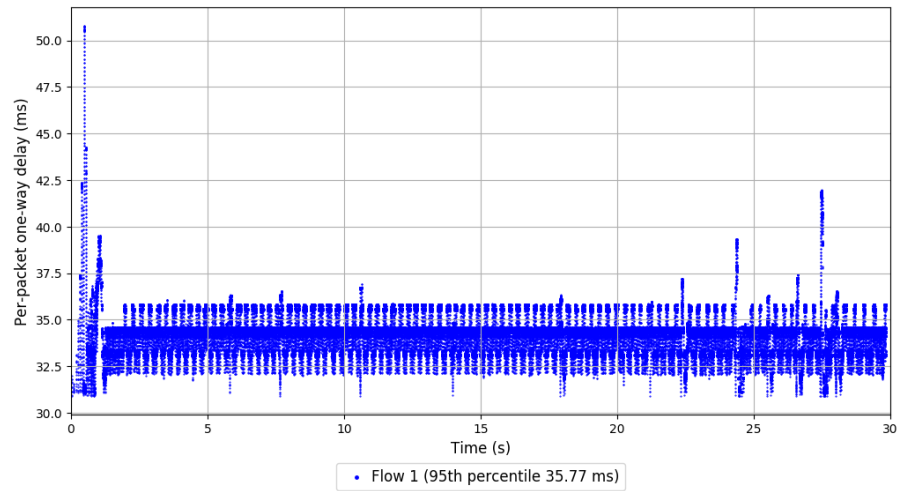
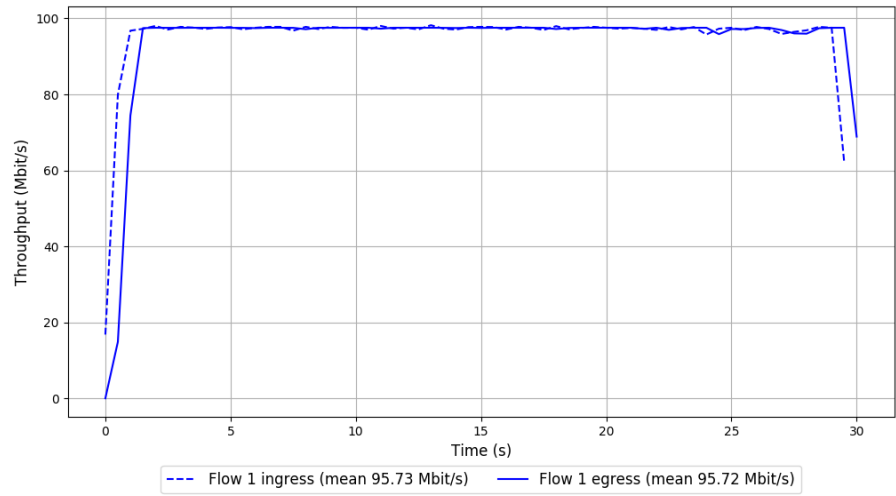


Run 4: Statistics of Indigo

Start at: 2019-03-18 20:41:23
End at: 2019-03-18 20:41:53
Local clock offset: 0.146 ms
Remote clock offset: -1.712 ms

Below is generated by plot.py at 2019-03-18 21:30:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.72 Mbit/s
95th percentile per-packet one-way delay: 35.770 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.72 Mbit/s
95th percentile per-packet one-way delay: 35.770 ms
Loss rate: 0.00%

Run 4: Report of Indigo — Data Link

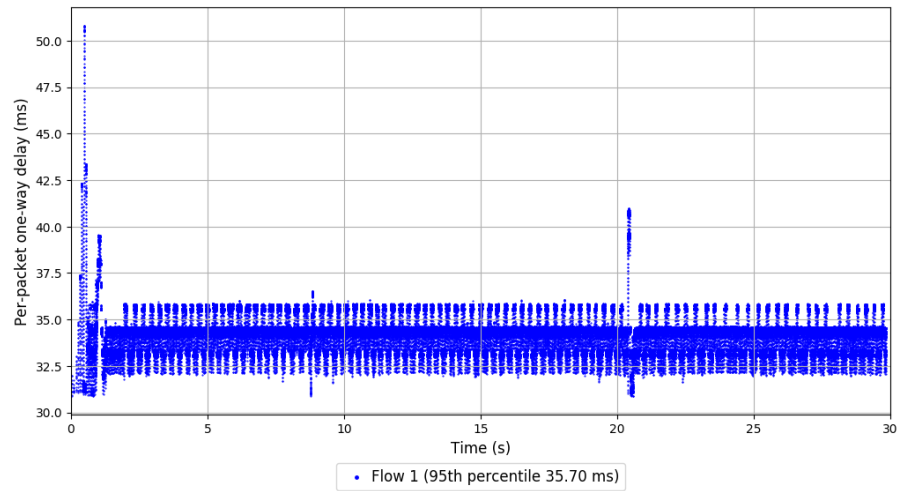
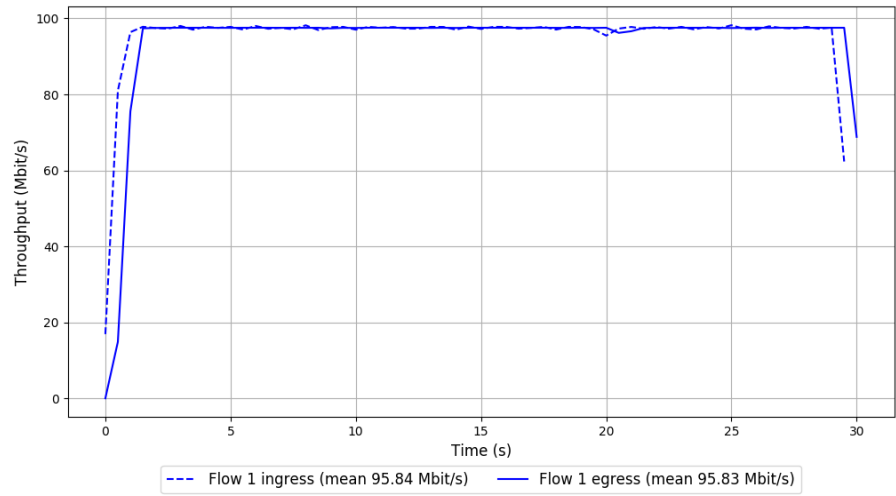


Run 5: Statistics of Indigo

Start at: 2019-03-18 21:05:45
End at: 2019-03-18 21:06:15
Local clock offset: 0.558 ms
Remote clock offset: -1.608 ms

Below is generated by plot.py at 2019-03-18 21:31:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.83 Mbit/s
95th percentile per-packet one-way delay: 35.705 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.83 Mbit/s
95th percentile per-packet one-way delay: 35.705 ms
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link

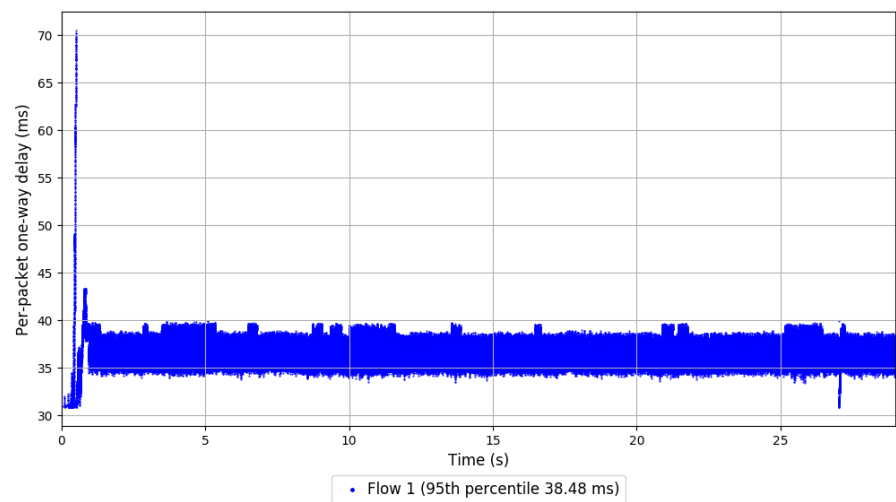
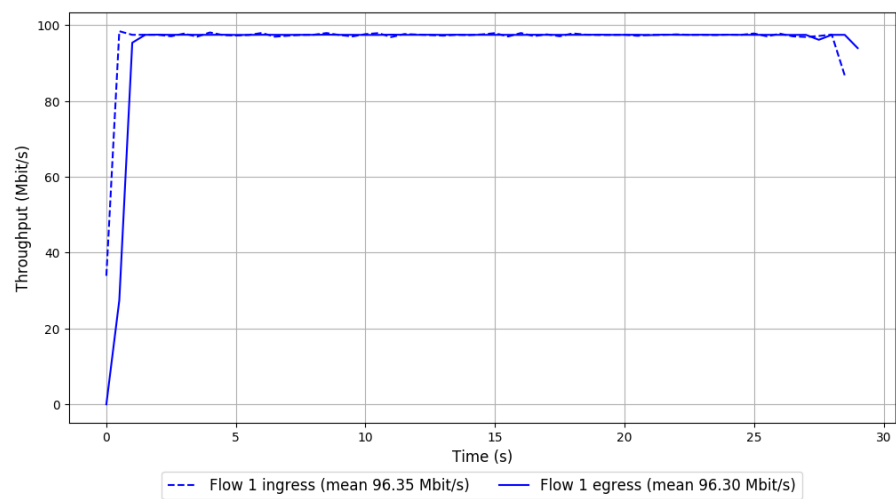


Run 1: Statistics of Indigo-MusesC3

Start at: 2019-03-18 19:36:35
End at: 2019-03-18 19:37:05
Local clock offset: 0.839 ms
Remote clock offset: -3.315 ms

Below is generated by plot.py at 2019-03-18 21:31:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 38.484 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.30 Mbit/s
95th percentile per-packet one-way delay: 38.484 ms
Loss rate: 0.04%

Run 1: Report of Indigo-MusesC3 — Data Link



Run 2: Statistics of Indigo-MusesC3

Start at: 2019-03-18 20:00:54

End at: 2019-03-18 20:01:24

Local clock offset: 0.428 ms

Remote clock offset: -2.597 ms

Below is generated by plot.py at 2019-03-18 21:31:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.42 Mbit/s

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

Loss rate: 0.03%

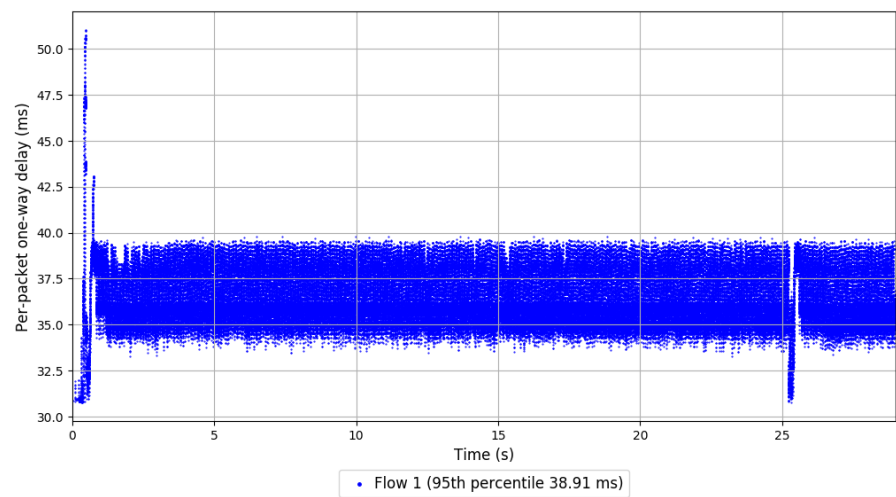
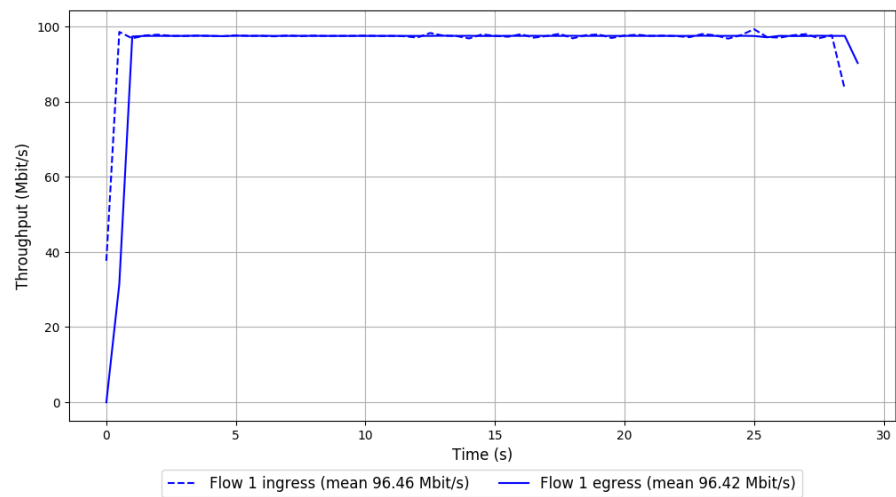
-- Flow 1:

Average throughput: 96.42 Mbit/s

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

Loss rate: 0.03%

Run 2: Report of Indigo-MusesC3 — Data Link

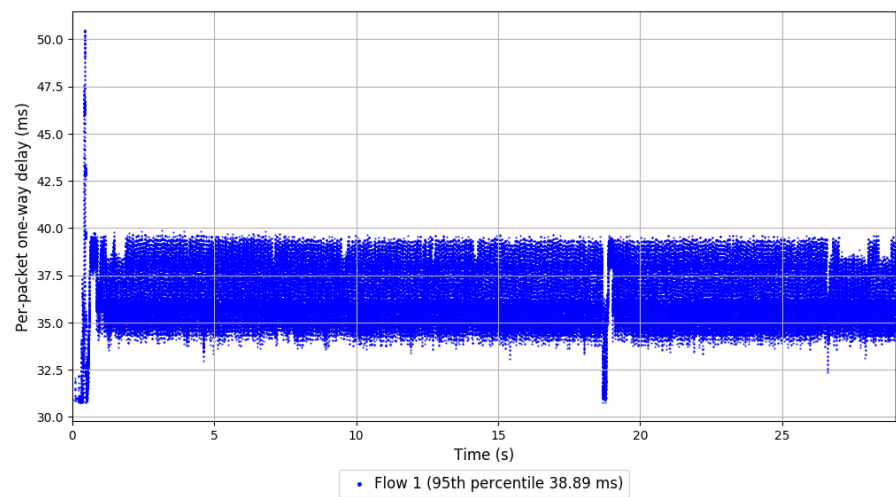
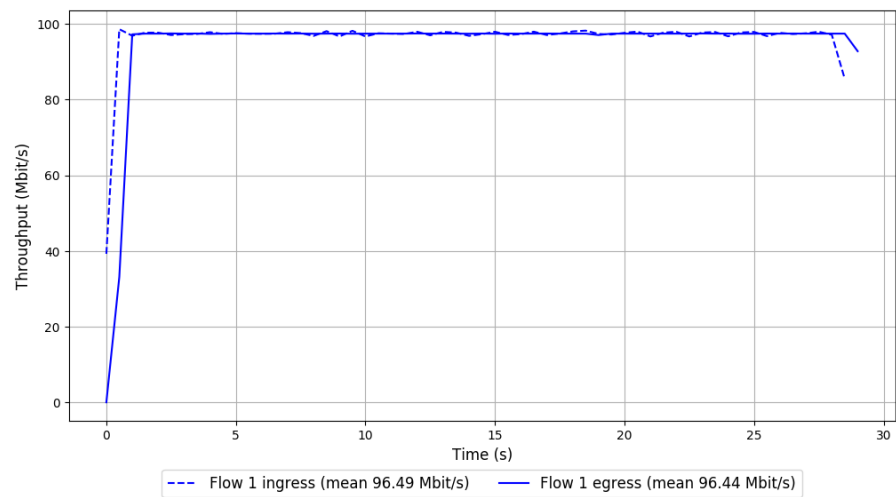


Run 3: Statistics of Indigo-MusesC3

Start at: 2019-03-18 20:25:10
End at: 2019-03-18 20:25:40
Local clock offset: 0.211 ms
Remote clock offset: -1.957 ms

Below is generated by plot.py at 2019-03-18 21:31:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.44 Mbit/s
95th percentile per-packet one-way delay: 38.886 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 96.44 Mbit/s
95th percentile per-packet one-way delay: 38.886 ms
Loss rate: 0.03%

Run 3: Report of Indigo-MusesC3 — Data Link



Run 4: Statistics of Indigo-MusesC3

Start at: 2019-03-18 20:49:37

End at: 2019-03-18 20:50:07

Local clock offset: 0.276 ms

Remote clock offset: -1.65 ms

Below is generated by plot.py at 2019-03-18 21:31:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.35 Mbit/s

95th percentile per-packet one-way delay: 39.035 ms

Loss rate: 0.04%

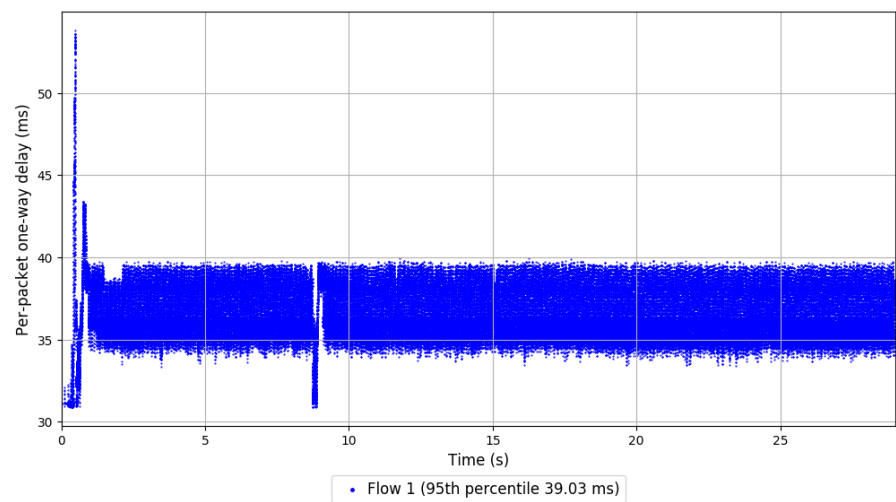
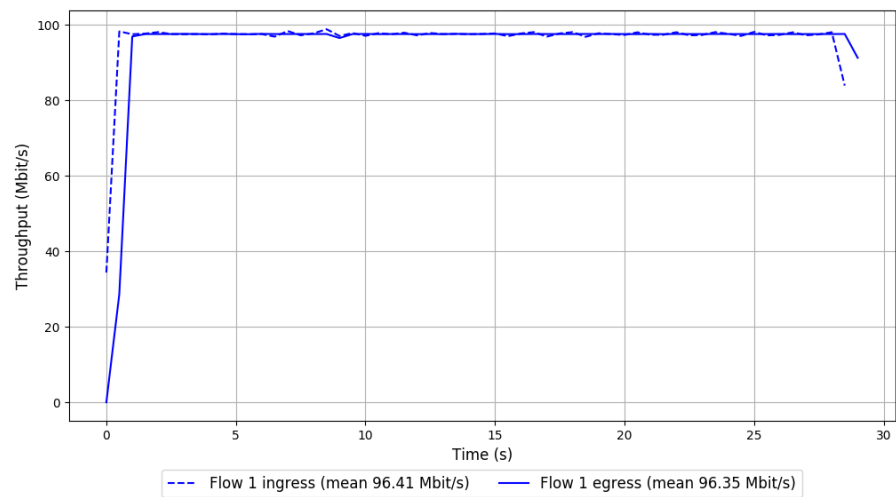
-- Flow 1:

Average throughput: 96.35 Mbit/s

95th percentile per-packet one-way delay: 39.035 ms

Loss rate: 0.04%

Run 4: Report of Indigo-MusesC3 — Data Link

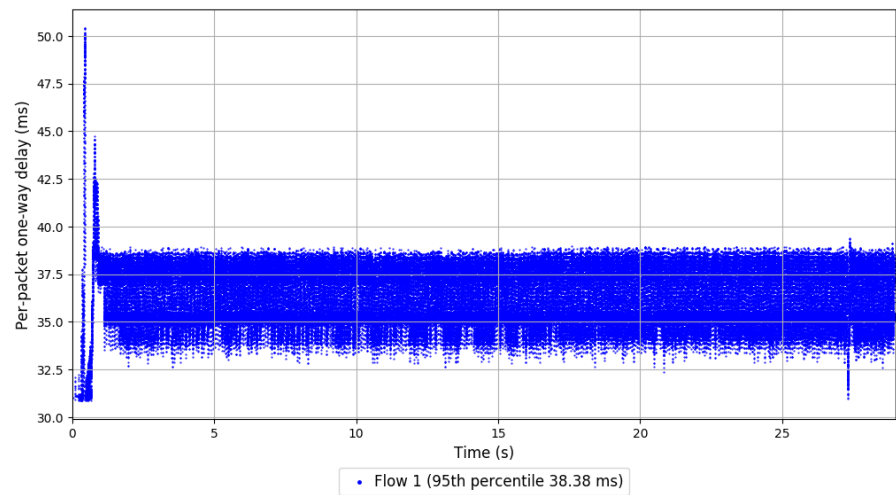
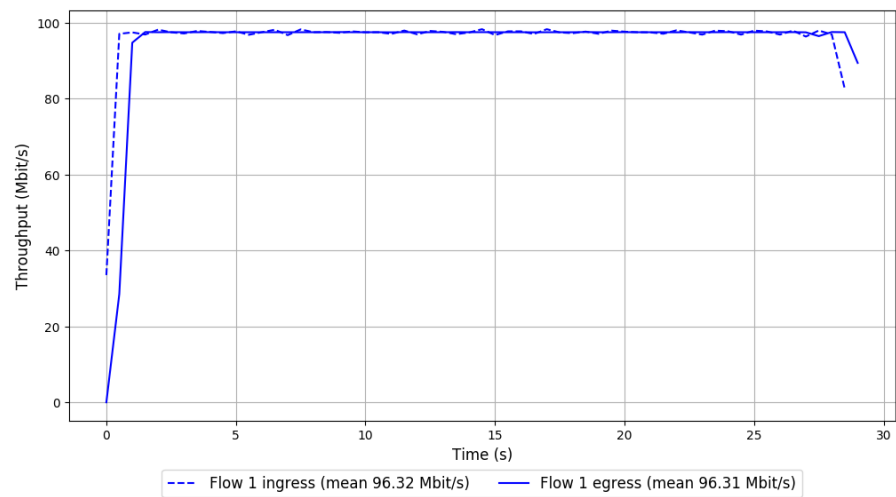


Run 5: Statistics of Indigo-MusesC3

Start at: 2019-03-18 21:13:49
End at: 2019-03-18 21:14:19
Local clock offset: 0.583 ms
Remote clock offset: -1.654 ms

Below is generated by plot.py at 2019-03-18 21:31:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.31 Mbit/s
95th percentile per-packet one-way delay: 38.378 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.31 Mbit/s
95th percentile per-packet one-way delay: 38.378 ms
Loss rate: 0.00%

Run 5: Report of Indigo-MusesC3 — Data Link

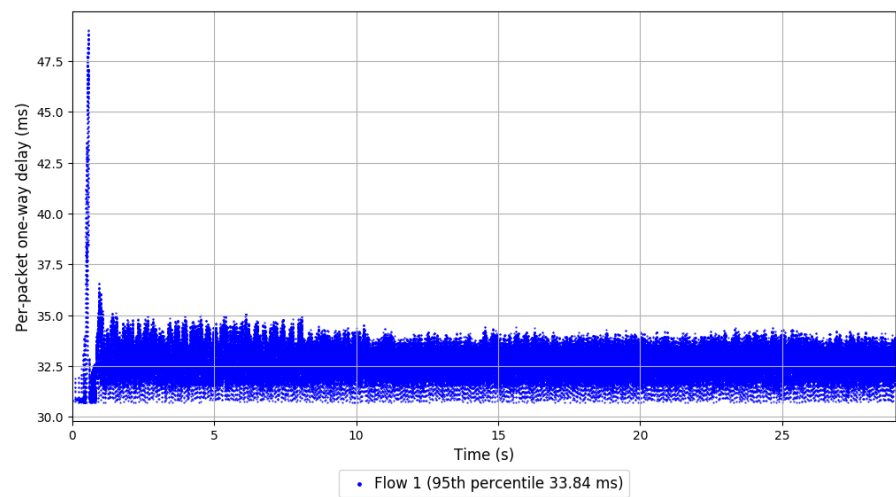
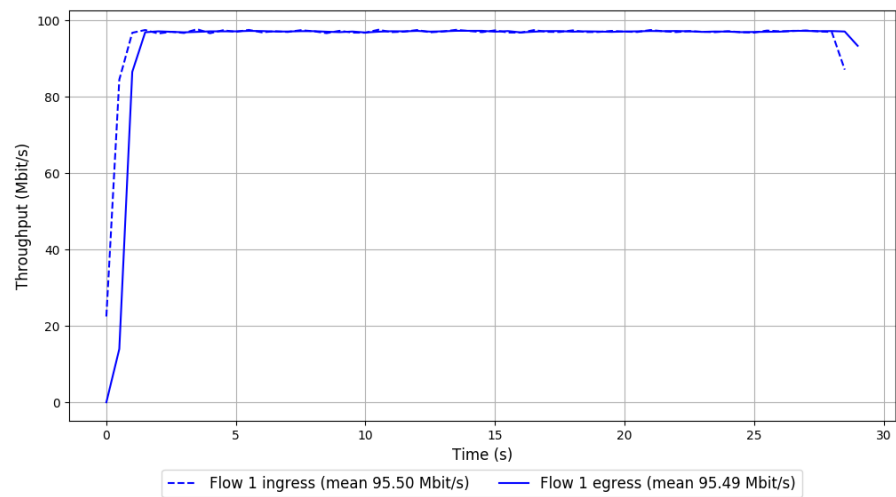


Run 1: Statistics of Indigo-MusesC5

Start at: 2019-03-18 19:42:21
End at: 2019-03-18 19:42:51
Local clock offset: 0.96 ms
Remote clock offset: -3.214 ms

Below is generated by plot.py at 2019-03-18 21:31:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.49 Mbit/s
95th percentile per-packet one-way delay: 33.841 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.49 Mbit/s
95th percentile per-packet one-way delay: 33.841 ms
Loss rate: 0.00%

Run 1: Report of Indigo-MusesC5 — Data Link

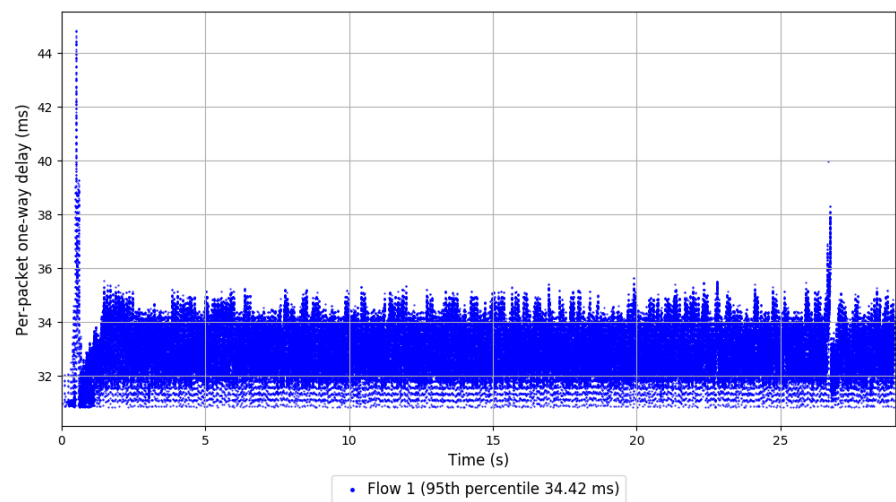
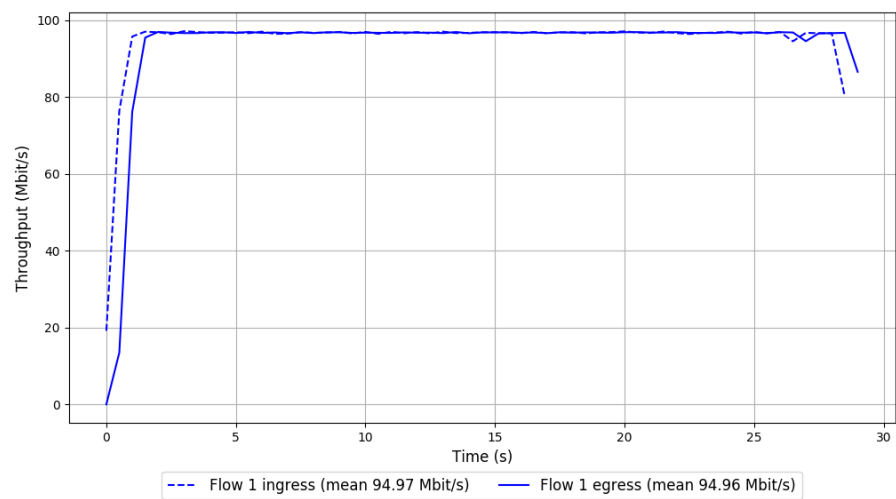


Run 2: Statistics of Indigo-MusesC5

Start at: 2019-03-18 20:06:40
End at: 2019-03-18 20:07:10
Local clock offset: 0.409 ms
Remote clock offset: -2.404 ms

Below is generated by plot.py at 2019-03-18 21:31:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.96 Mbit/s
95th percentile per-packet one-way delay: 34.416 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 94.96 Mbit/s
95th percentile per-packet one-way delay: 34.416 ms
Loss rate: 0.00%

Run 2: Report of Indigo-MusesC5 — Data Link

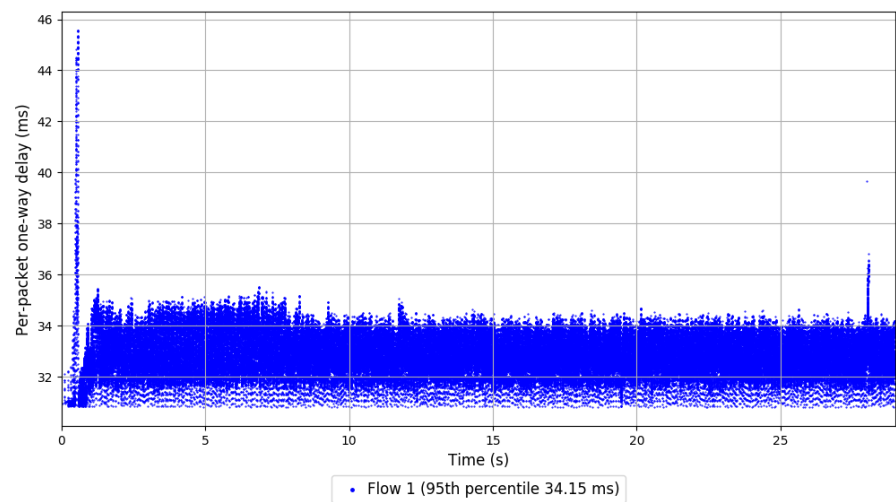
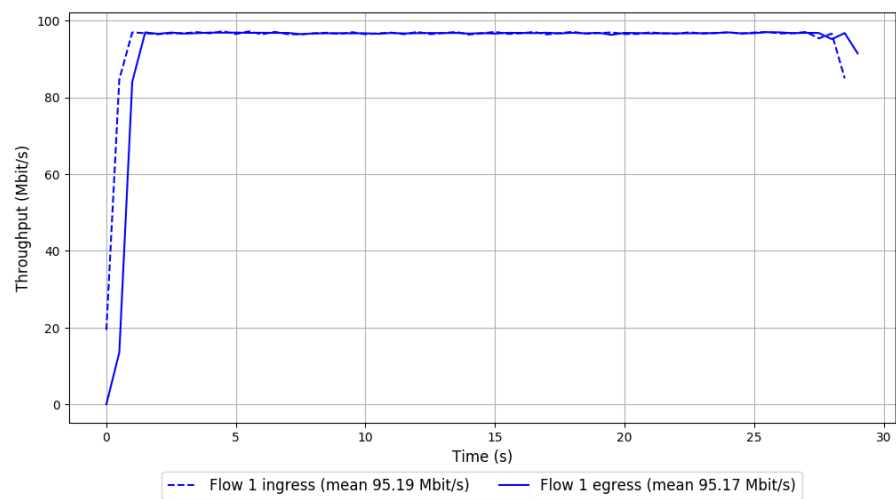


Run 3: Statistics of Indigo-MusesC5

Start at: 2019-03-18 20:30:57
End at: 2019-03-18 20:31:27
Local clock offset: 0.151 ms
Remote clock offset: -1.845 ms

Below is generated by plot.py at 2019-03-18 21:32:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.17 Mbit/s
95th percentile per-packet one-way delay: 34.146 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 95.17 Mbit/s
95th percentile per-packet one-way delay: 34.146 ms
Loss rate: 0.01%

Run 3: Report of Indigo-MusesC5 — Data Link

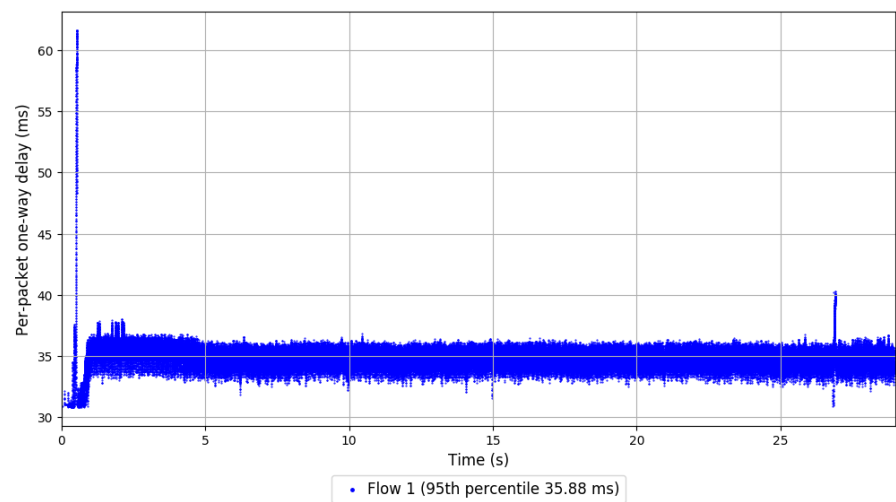
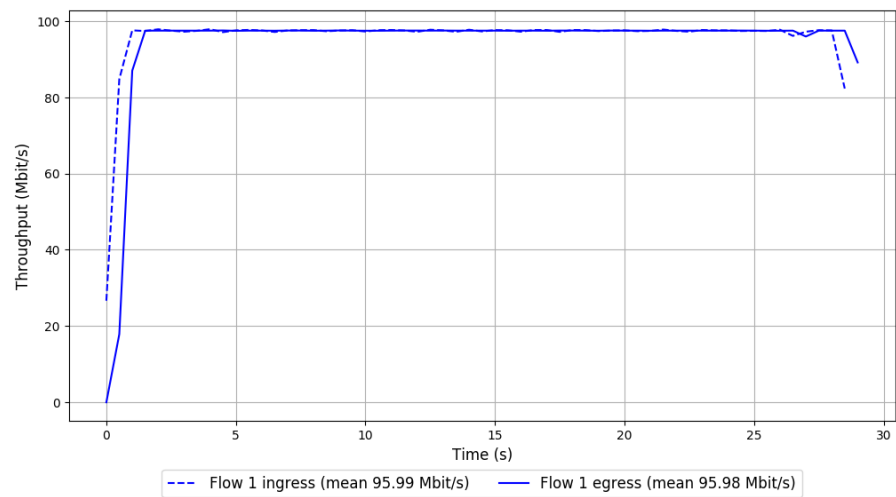


Run 4: Statistics of Indigo-MusesC5

Start at: 2019-03-18 20:55:23
End at: 2019-03-18 20:55:53
Local clock offset: 0.428 ms
Remote clock offset: -1.704 ms

Below is generated by plot.py at 2019-03-18 21:32:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 35.879 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 35.879 ms
Loss rate: 0.00%

Run 4: Report of Indigo-MusesC5 — Data Link

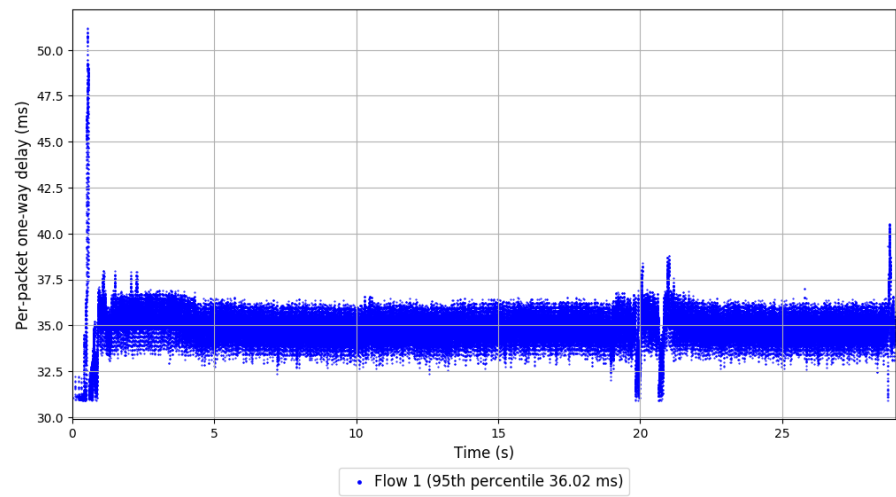
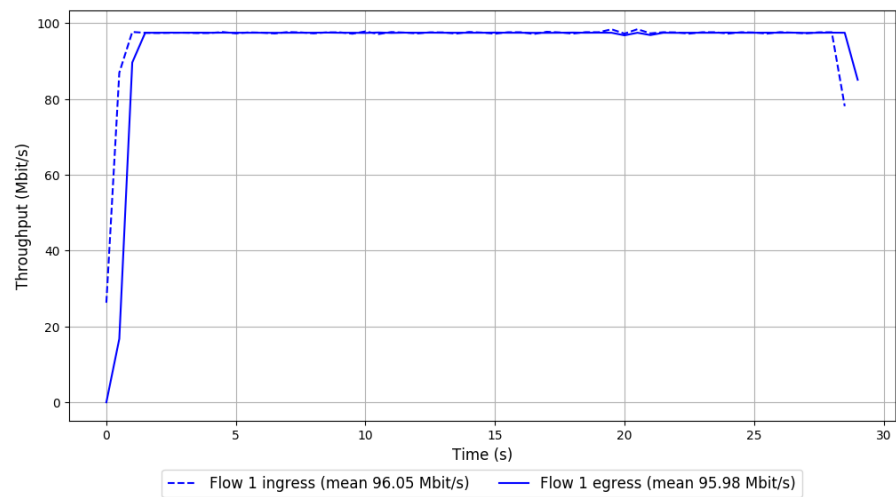


Run 5: Statistics of Indigo-MusesC5

Start at: 2019-03-18 21:19:36
End at: 2019-03-18 21:20:06
Local clock offset: 0.505 ms
Remote clock offset: -1.736 ms

Below is generated by plot.py at 2019-03-18 21:32:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 36.016 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 36.016 ms
Loss rate: 0.05%

Run 5: Report of Indigo-MusesC5 — Data Link



Run 1: Statistics of Indigo-MusesD

Start at: 2019-03-18 19:30:48

End at: 2019-03-18 19:31:18

Local clock offset: 0.779 ms

Remote clock offset: -3.475 ms

Below is generated by plot.py at 2019-03-18 21:32:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.04 Mbit/s

95th percentile per-packet one-way delay: 34.838 ms

Loss rate: 0.00%

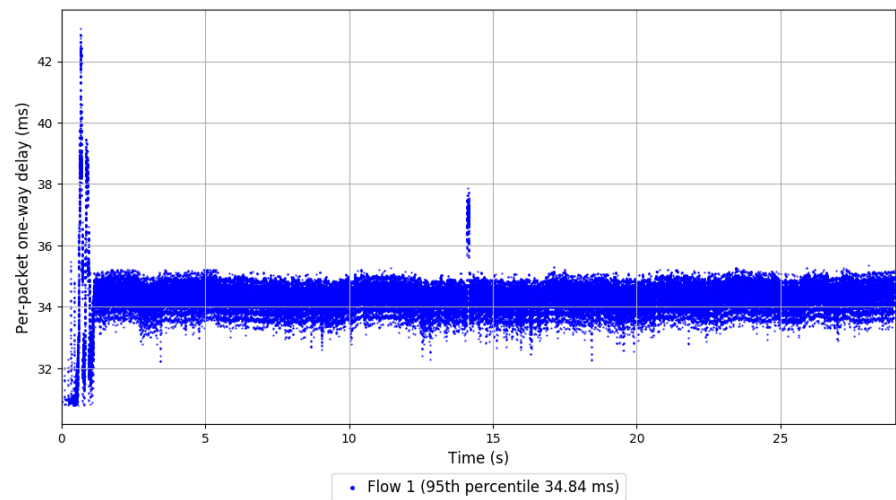
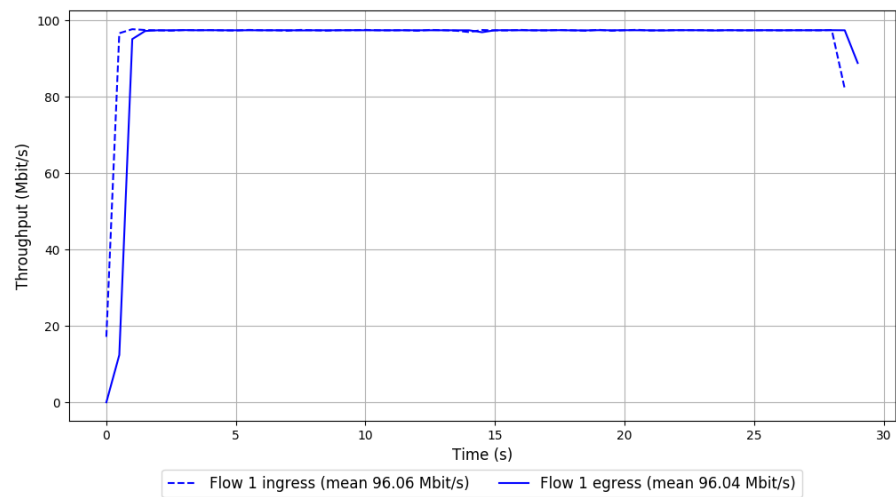
-- Flow 1:

Average throughput: 96.04 Mbit/s

95th percentile per-packet one-way delay: 34.838 ms

Loss rate: 0.00%

Run 1: Report of Indigo-MusesD — Data Link



Run 2: Statistics of Indigo-MusesD

Start at: 2019-03-18 19:55:06

End at: 2019-03-18 19:55:36

Local clock offset: 0.535 ms

Remote clock offset: -2.659 ms

Below is generated by plot.py at 2019-03-18 21:32:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.01 Mbit/s

95th percentile per-packet one-way delay: 34.744 ms

Loss rate: 0.01%

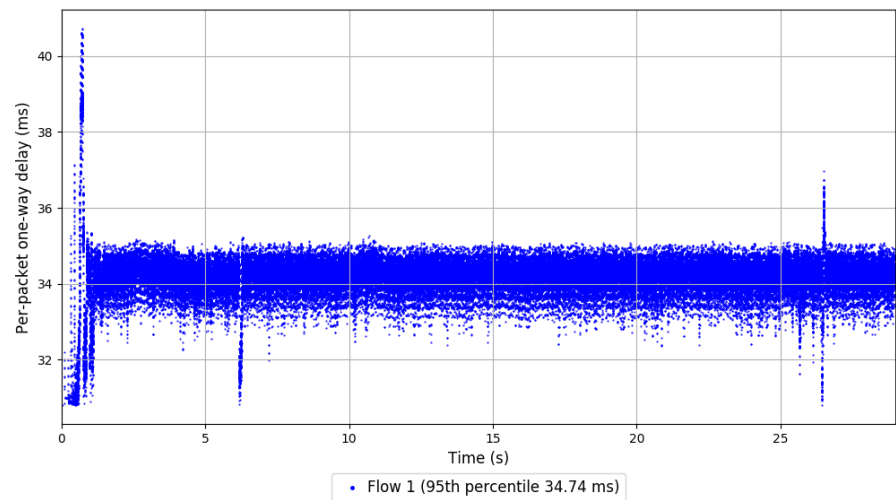
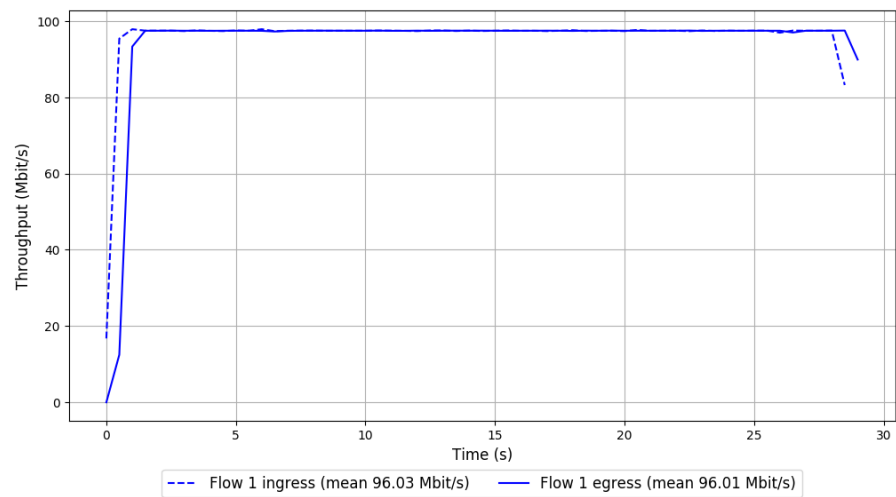
-- Flow 1:

Average throughput: 96.01 Mbit/s

95th percentile per-packet one-way delay: 34.744 ms

Loss rate: 0.01%

Run 2: Report of Indigo-MusesD — Data Link



Run 3: Statistics of Indigo-MusesD

Start at: 2019-03-18 20:19:22

End at: 2019-03-18 20:19:52

Local clock offset: 0.318 ms

Remote clock offset: -2.087 ms

Below is generated by plot.py at 2019-03-18 21:32:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.01 Mbit/s

95th percentile per-packet one-way delay: 35.564 ms

Loss rate: 0.10%

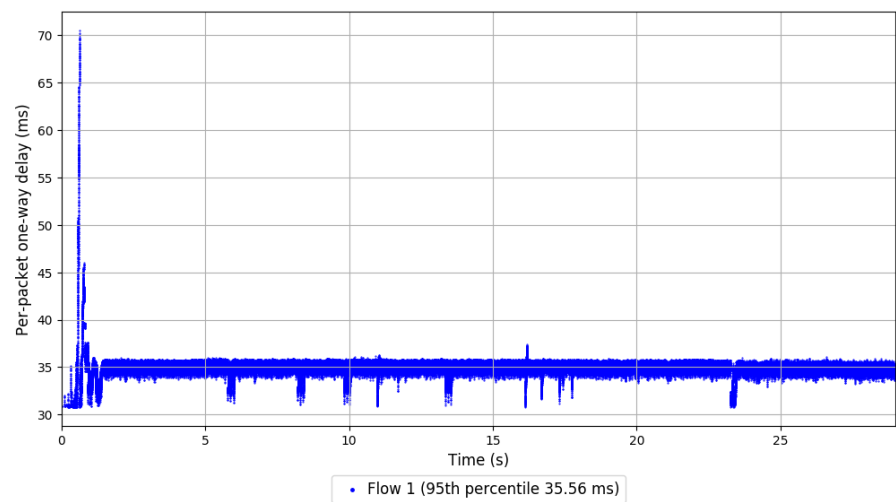
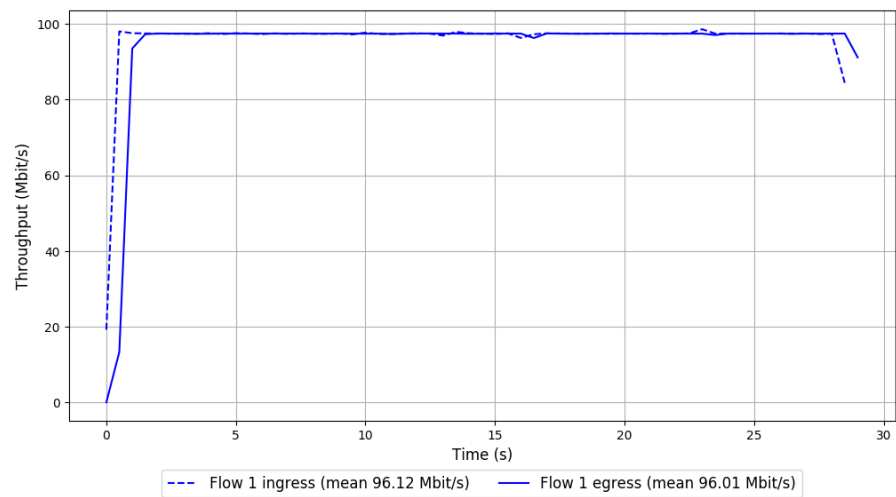
-- Flow 1:

Average throughput: 96.01 Mbit/s

95th percentile per-packet one-way delay: 35.564 ms

Loss rate: 0.10%

Run 3: Report of Indigo-MusesD — Data Link



Run 4: Statistics of Indigo-MusesD

Start at: 2019-03-18 20:43:43

End at: 2019-03-18 20:44:13

Local clock offset: 0.175 ms

Remote clock offset: -1.735 ms

Below is generated by plot.py at 2019-03-18 21:33:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.99 Mbit/s

95th percentile per-packet one-way delay: 34.675 ms

Loss rate: 0.01%

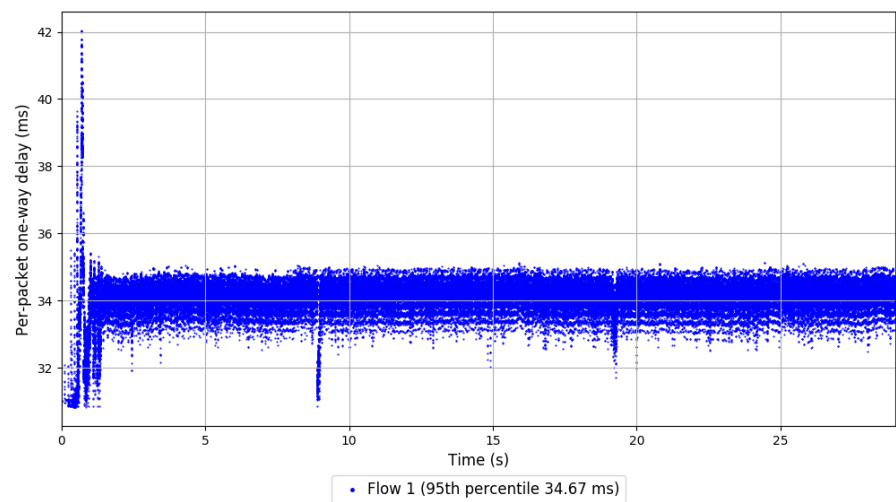
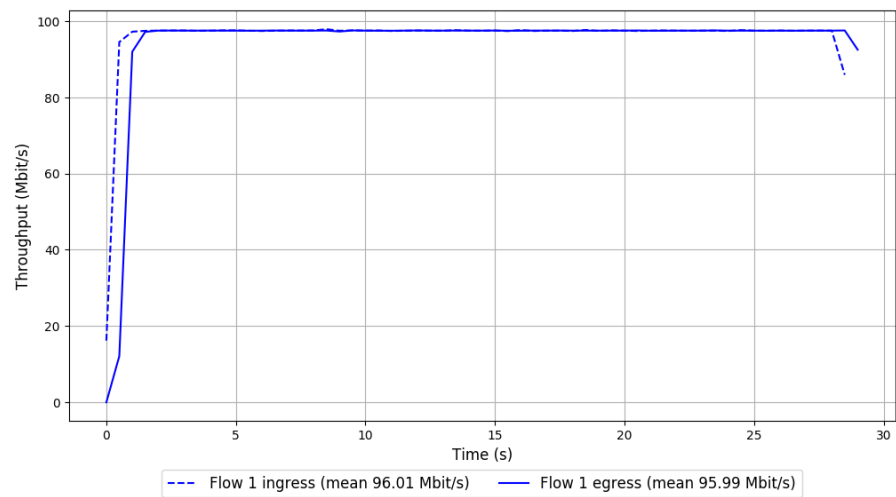
-- Flow 1:

Average throughput: 95.99 Mbit/s

95th percentile per-packet one-way delay: 34.675 ms

Loss rate: 0.01%

Run 4: Report of Indigo-MusesD — Data Link



Run 5: Statistics of Indigo-MusesD

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

End at: 2019-03-18 21:08:33

Local clock offset: 0.576 ms

Remote clock offset: -1.578 ms

Below is generated by plot.py at 2019-03-18 21:33:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.15 Mbit/s

95th percentile per-packet one-way delay: 35.423 ms

Loss rate: 0.00%

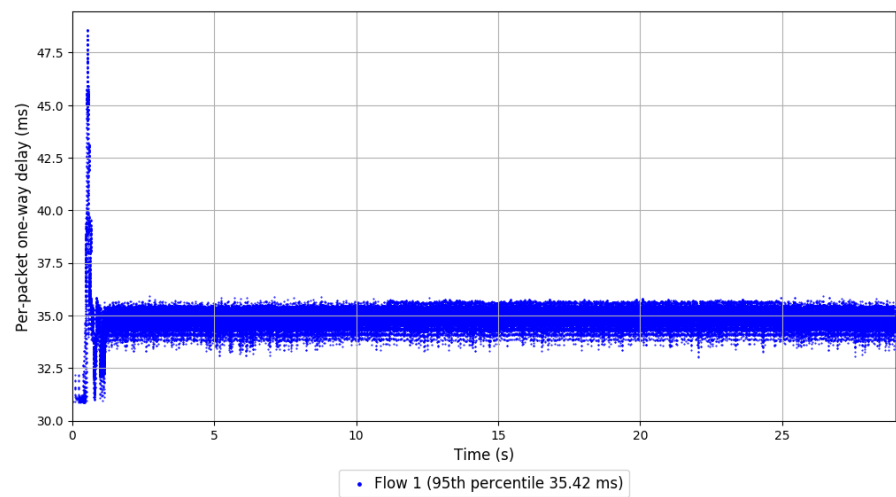
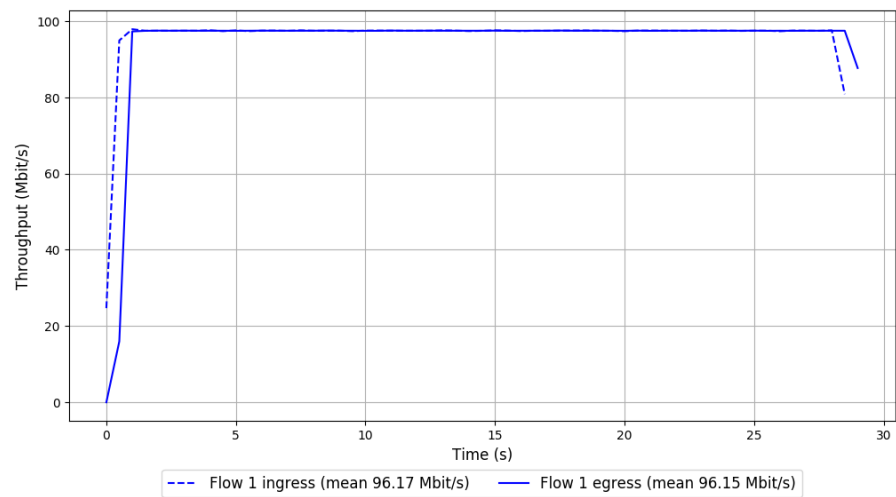
-- Flow 1:

Average throughput: 96.15 Mbit/s

95th percentile per-packet one-way delay: 35.423 ms

Loss rate: 0.00%

Run 5: Report of Indigo-MusesD — Data Link



Run 1: Statistics of Indigo-MusesT

Start at: 2019-03-18 19:31:58

End at: 2019-03-18 19:32:28

Local clock offset: 0.75 ms

Remote clock offset: -3.522 ms

Below is generated by plot.py at 2019-03-18 21:33:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.46 Mbit/s

95th percentile per-packet one-way delay: 40.212 ms

Loss rate: 1.19%

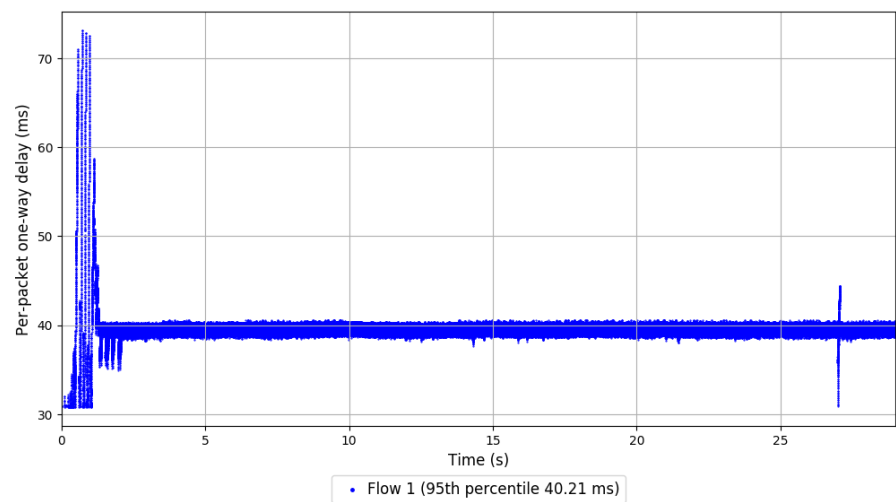
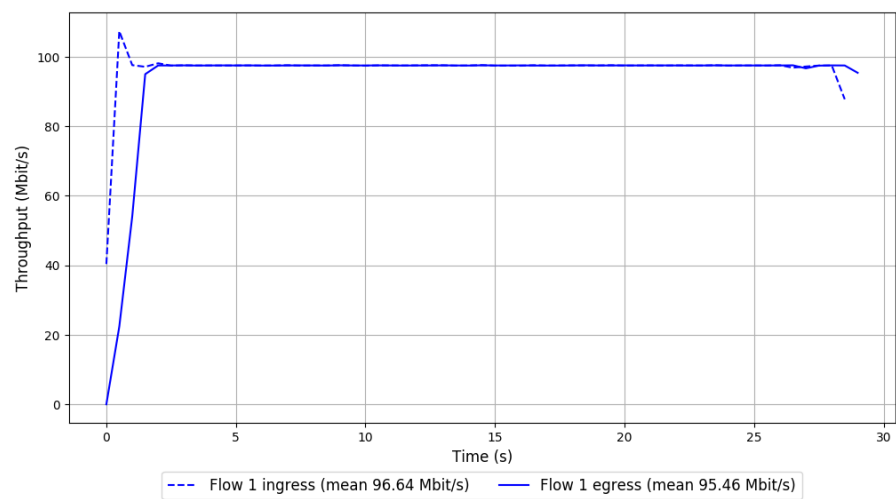
-- Flow 1:

Average throughput: 95.46 Mbit/s

95th percentile per-packet one-way delay: 40.212 ms

Loss rate: 1.19%

Run 1: Report of Indigo-MusesT — Data Link



Run 2: Statistics of Indigo-MusesT

Start at: 2019-03-18 19:56:17

End at: 2019-03-18 19:56:47

Local clock offset: 0.496 ms

Remote clock offset: -2.652 ms

Below is generated by plot.py at 2019-03-18 21:33:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.18 Mbit/s

95th percentile per-packet one-way delay: 43.292 ms

Loss rate: 0.76%

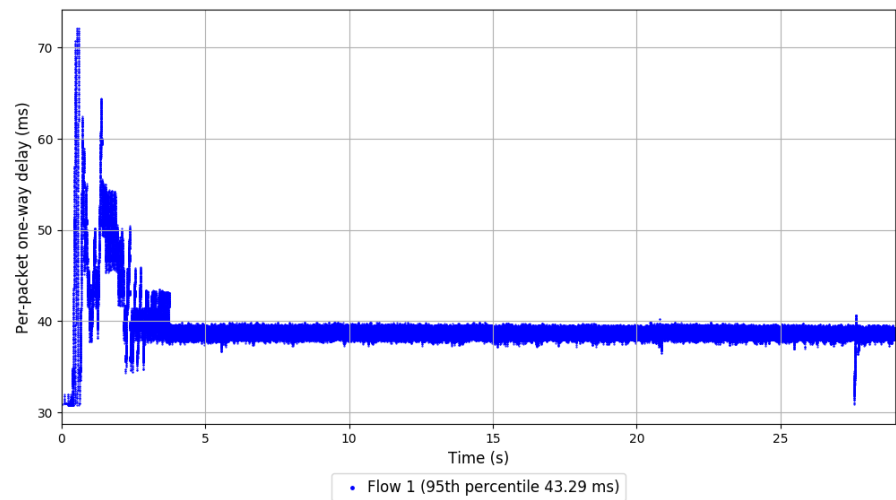
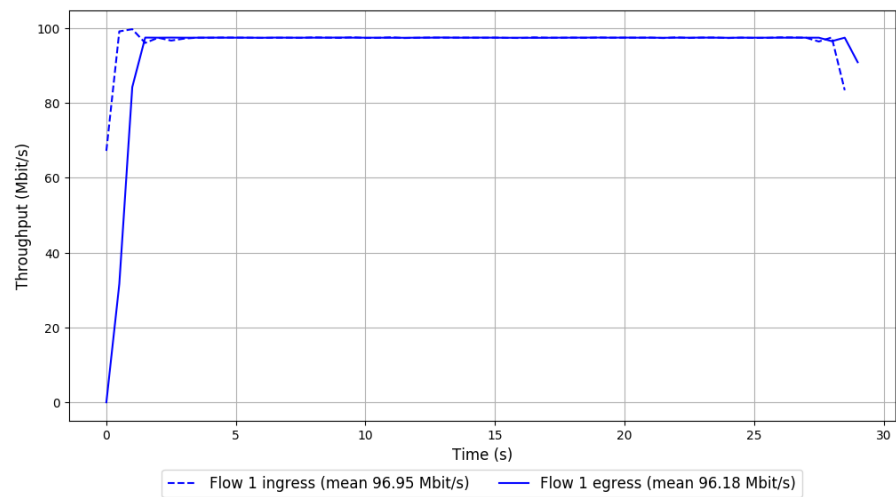
-- Flow 1:

Average throughput: 96.18 Mbit/s

95th percentile per-packet one-way delay: 43.292 ms

Loss rate: 0.76%

Run 2: Report of Indigo-MusesT — Data Link



Run 3: Statistics of Indigo-MusesT

Start at: 2019-03-18 20:20:33

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

Local clock offset: 0.295 ms

Remote clock offset: -2.117 ms

Below is generated by plot.py at 2019-03-18 21:33:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.19 Mbit/s

95th percentile per-packet one-way delay: 39.368 ms

Loss rate: 0.63%

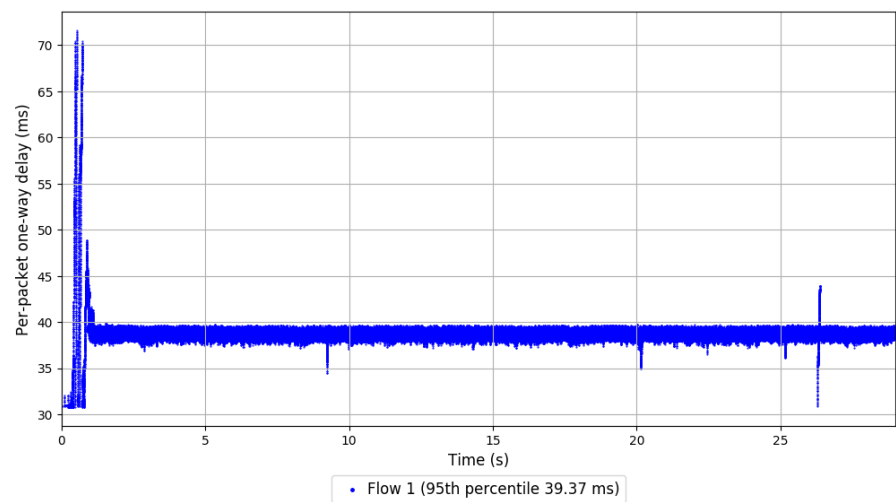
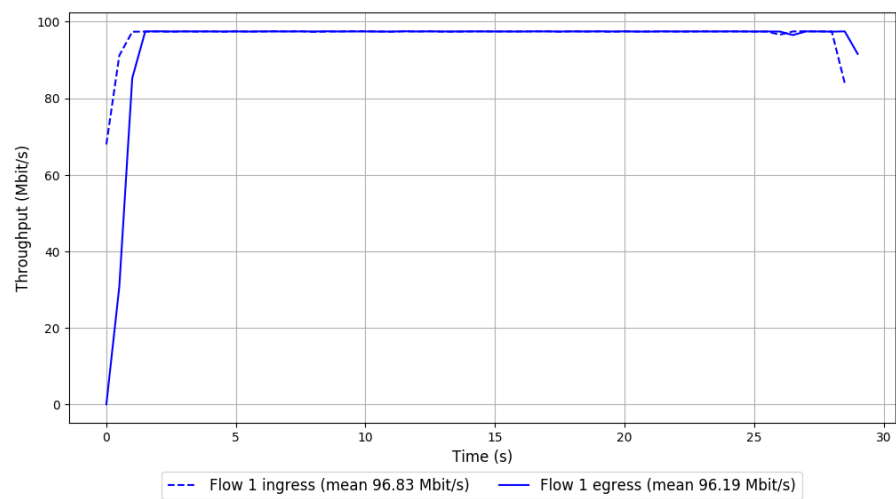
-- Flow 1:

Average throughput: 96.19 Mbit/s

95th percentile per-packet one-way delay: 39.368 ms

Loss rate: 0.63%

Run 3: Report of Indigo-MusesT — Data Link

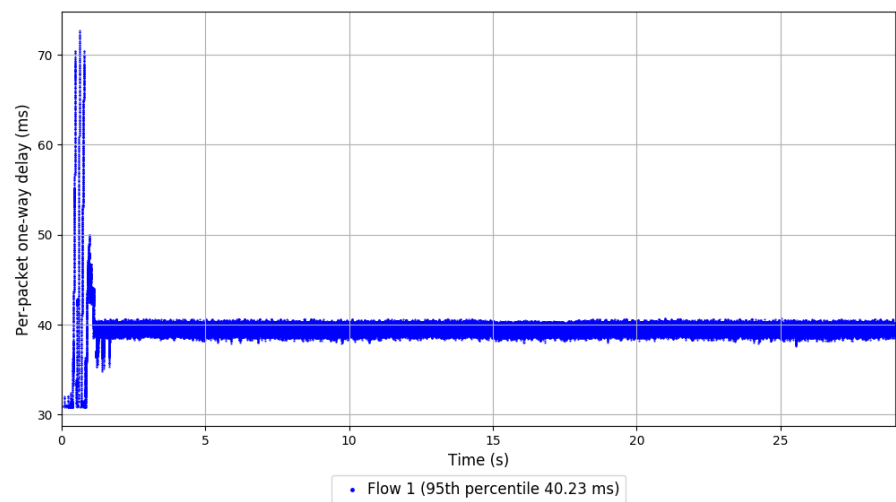
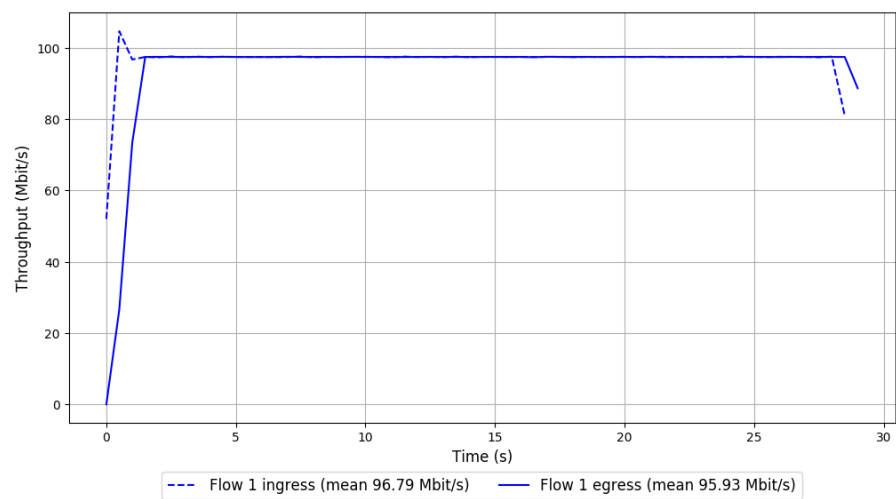


Run 4: Statistics of Indigo-MusesT

Start at: 2019-03-18 20:44:55
End at: 2019-03-18 20:45:25
Local clock offset: 0.179 ms
Remote clock offset: -1.713 ms

Below is generated by plot.py at 2019-03-18 21:34:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.93 Mbit/s
95th percentile per-packet one-way delay: 40.230 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 95.93 Mbit/s
95th percentile per-packet one-way delay: 40.230 ms
Loss rate: 0.86%

Run 4: Report of Indigo-MusesT — Data Link



Run 5: Statistics of Indigo-MusesT

Start at: 2019-03-18 21:09:13

End at: 2019-03-18 21:09:43

Local clock offset: 0.589 ms

Remote clock offset: -1.782 ms

Below is generated by plot.py at 2019-03-18 21:34:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.13 Mbit/s

95th percentile per-packet one-way delay: 42.343 ms

Loss rate: 1.13%

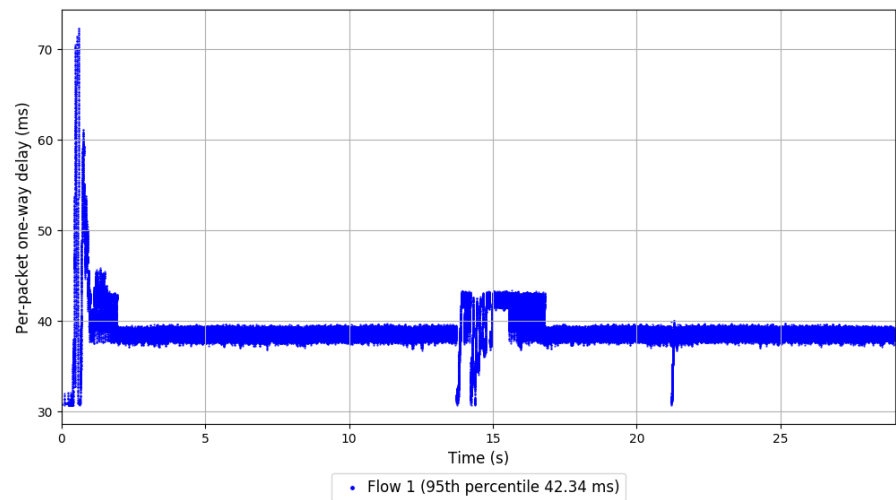
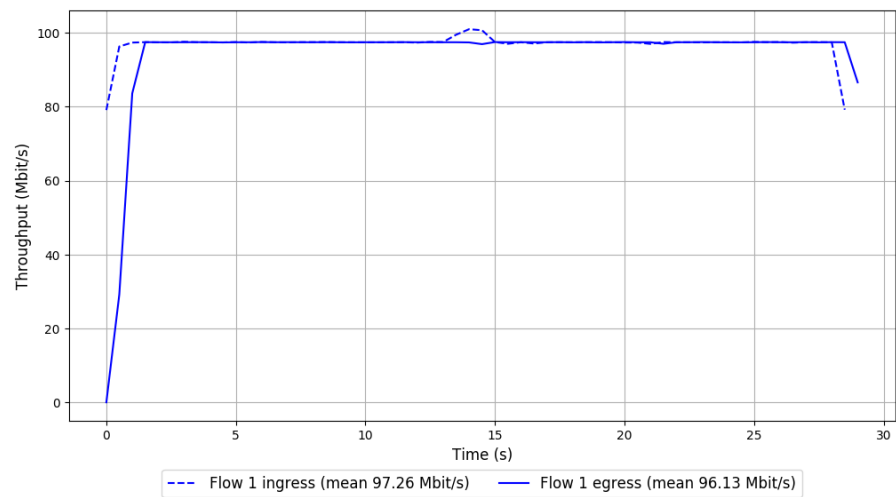
-- Flow 1:

Average throughput: 96.13 Mbit/s

95th percentile per-packet one-way delay: 42.343 ms

Loss rate: 1.13%

Run 5: Report of Indigo-MusesT — Data Link

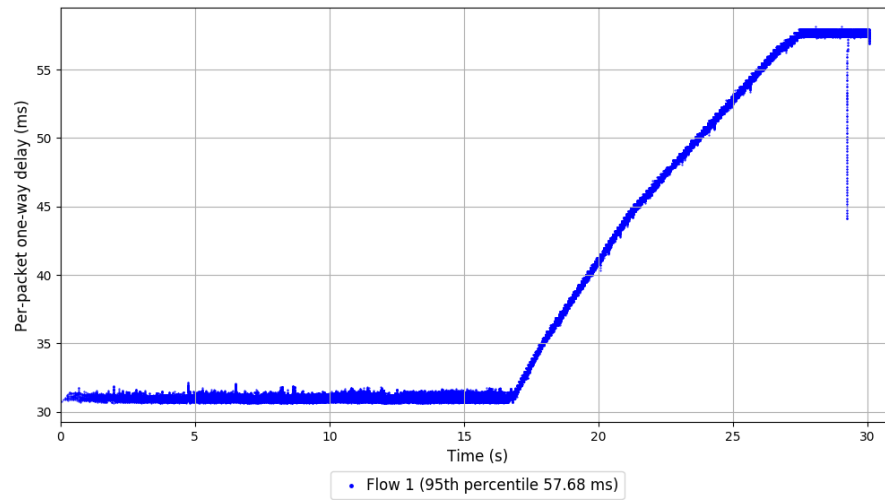
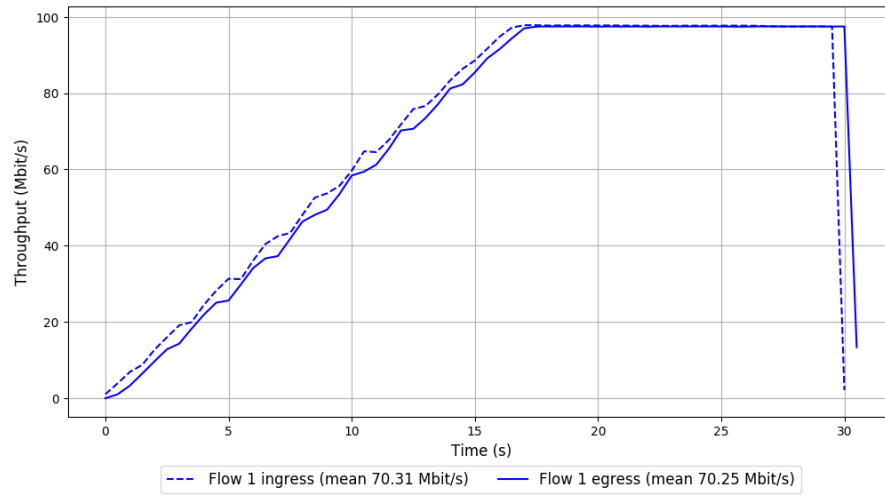


Run 1: Statistics of LEDBAT

Start at: 2019-03-18 19:41:11
End at: 2019-03-18 19:41:41
Local clock offset: 0.938 ms
Remote clock offset: -3.365 ms

Below is generated by plot.py at 2019-03-18 21:34:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.25 Mbit/s
95th percentile per-packet one-way delay: 57.676 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.25 Mbit/s
95th percentile per-packet one-way delay: 57.676 ms
Loss rate: 0.00%

Run 1: Report of LEDBAT — Data Link

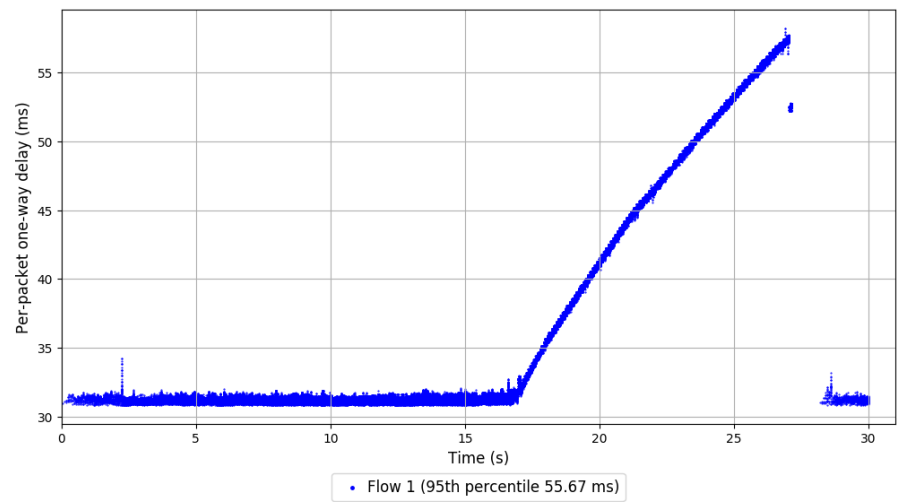
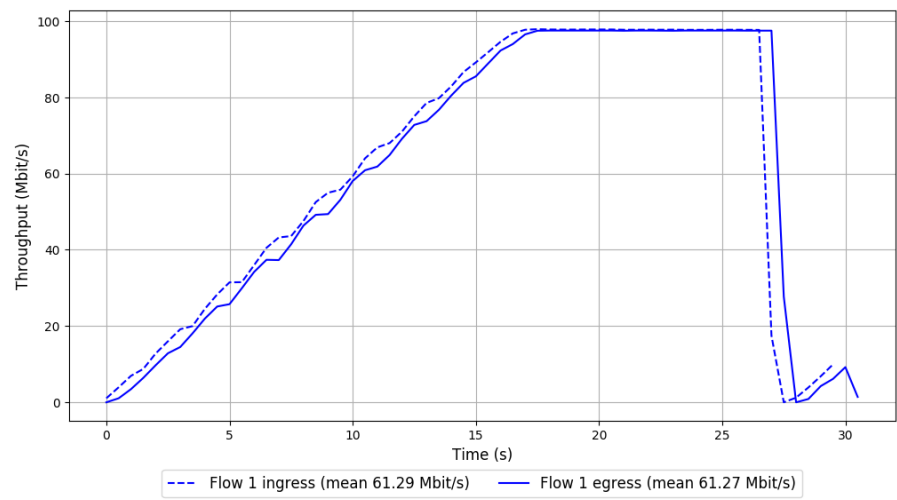


Run 2: Statistics of LEDBAT

Start at: 2019-03-18 20:05:31
End at: 2019-03-18 20:06:01
Local clock offset: 0.399 ms
Remote clock offset: -2.417 ms

Below is generated by plot.py at 2019-03-18 21:34:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.27 Mbit/s
95th percentile per-packet one-way delay: 55.674 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 61.27 Mbit/s
95th percentile per-packet one-way delay: 55.674 ms
Loss rate: 0.03%

Run 2: Report of LEDBAT — Data Link

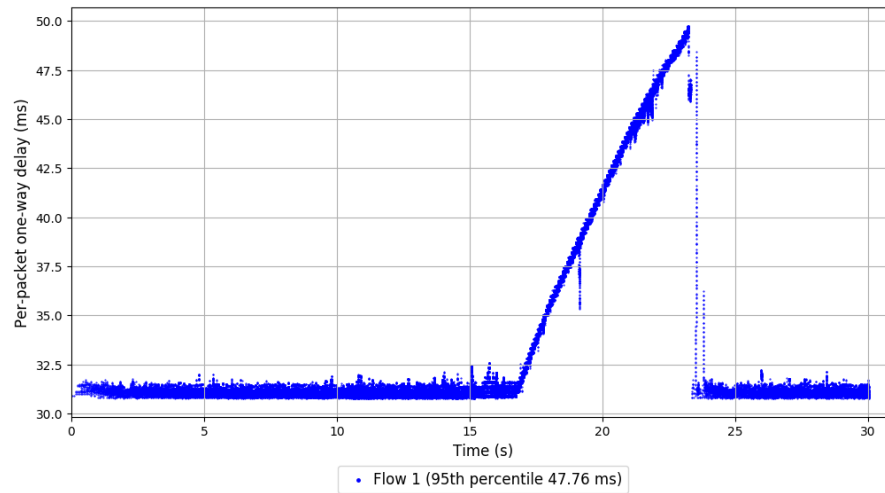
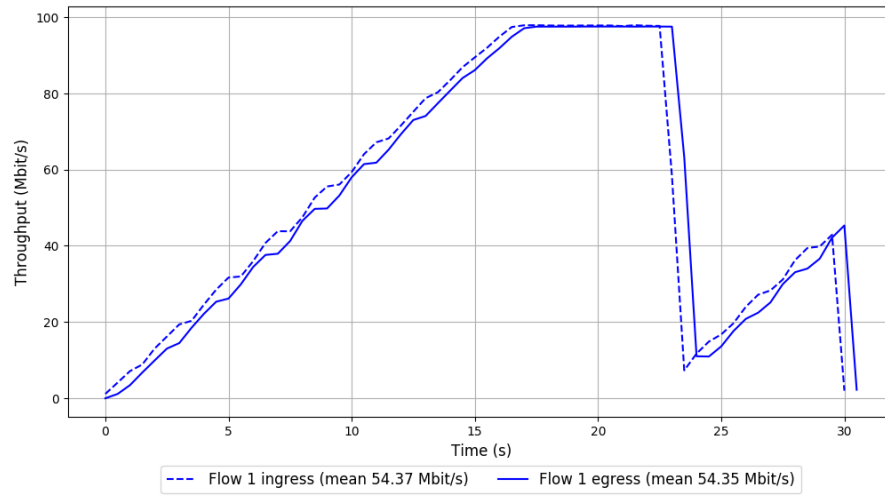


Run 3: Statistics of LEDBAT

Start at: 2019-03-18 20:29:48
End at: 2019-03-18 20:30:18
Local clock offset: 0.156 ms
Remote clock offset: -1.888 ms

Below is generated by plot.py at 2019-03-18 21:34:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 54.35 Mbit/s
95th percentile per-packet one-way delay: 47.755 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 54.35 Mbit/s
95th percentile per-packet one-way delay: 47.755 ms
Loss rate: 0.03%

Run 3: Report of LEDBAT — Data Link

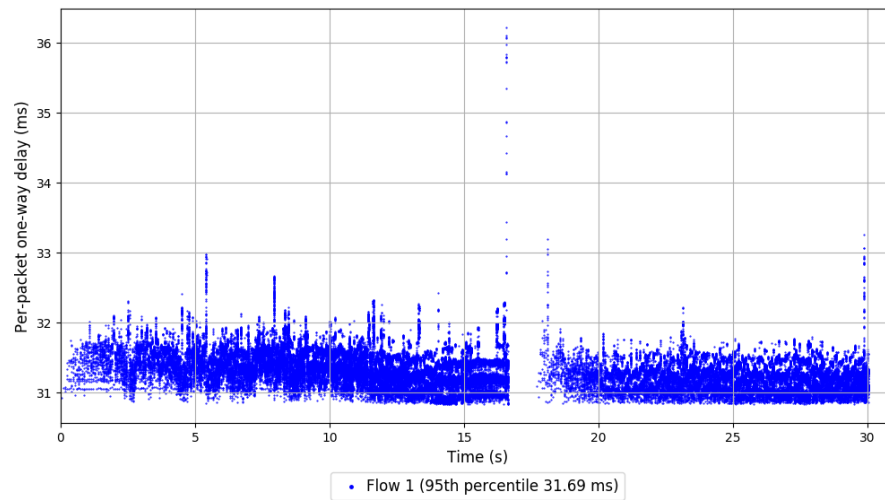
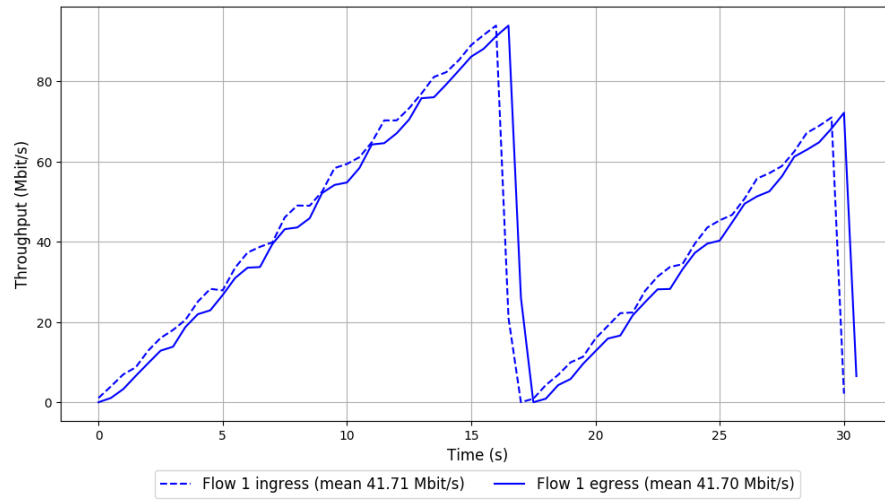


Run 4: Statistics of LEDBAT

Start at: 2019-03-18 20:54:14
End at: 2019-03-18 20:54:44
Local clock offset: 0.398 ms
Remote clock offset: -1.713 ms

Below is generated by plot.py at 2019-03-18 21:34:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 41.70 Mbit/s
95th percentile per-packet one-way delay: 31.690 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 41.70 Mbit/s
95th percentile per-packet one-way delay: 31.690 ms
Loss rate: 0.04%

Run 4: Report of LEDBAT — Data Link

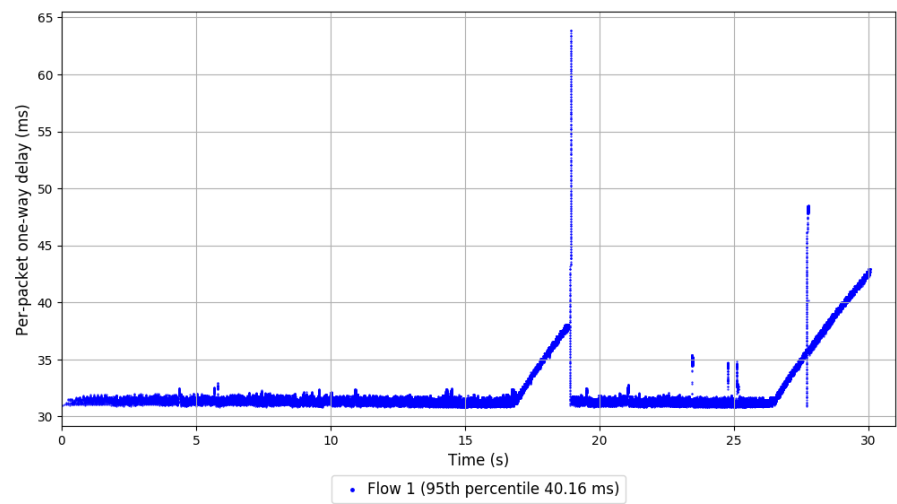
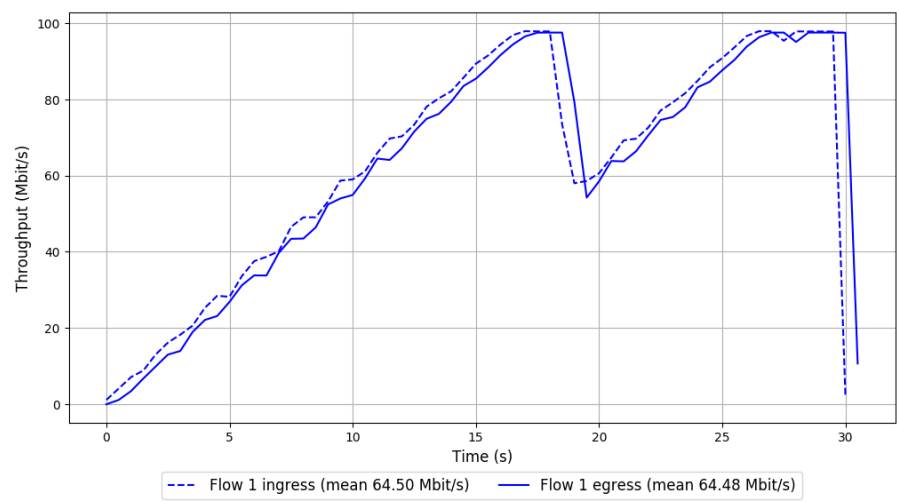


Run 5: Statistics of LEDBAT

Start at: 2019-03-18 21:18:26
End at: 2019-03-18 21:18:56
Local clock offset: 0.539 ms
Remote clock offset: -1.753 ms

Below is generated by plot.py at 2019-03-18 21:34:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 64.48 Mbit/s
95th percentile per-packet one-way delay: 40.162 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 64.48 Mbit/s
95th percentile per-packet one-way delay: 40.162 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

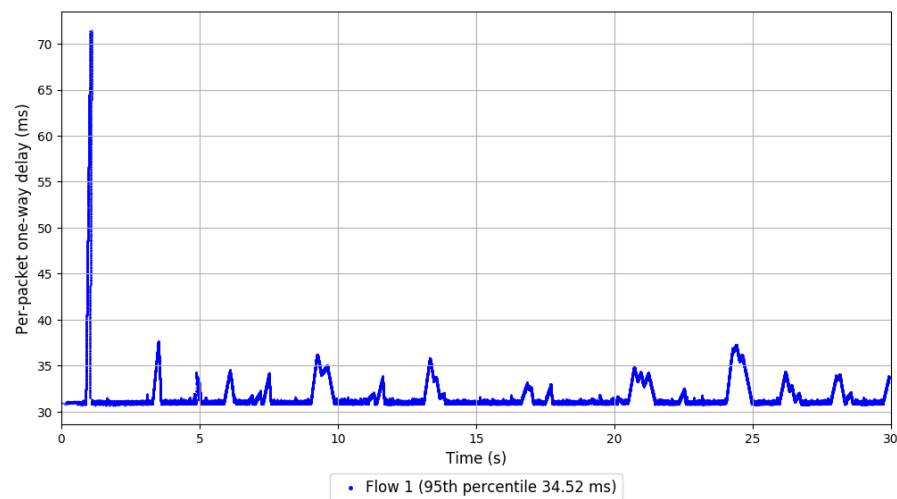
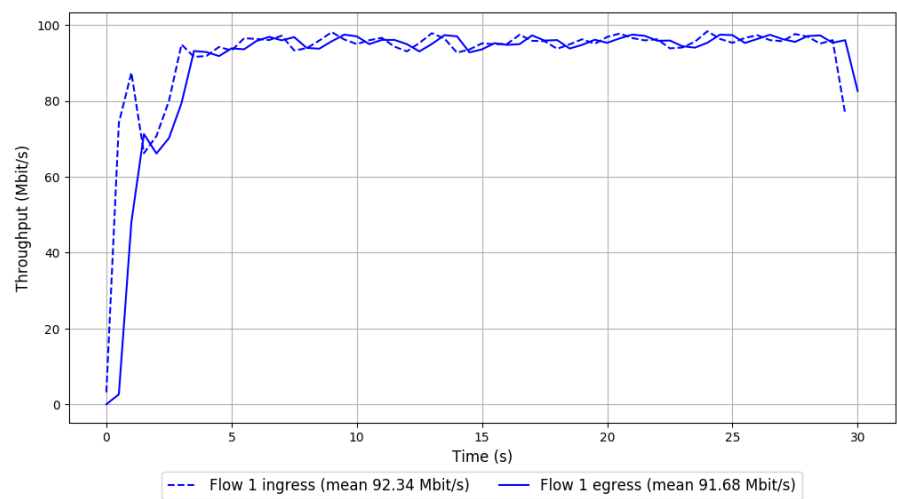


```
Run 1: Statistics of PCC-Allegro

Start at: 2019-03-18 19:25:03
End at: 2019-03-18 19:25:34
Local clock offset: 0.775 ms
Remote clock offset: -3.645 ms

# Below is generated by plot.py at 2019-03-18 21:35:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.68 Mbit/s
95th percentile per-packet one-way delay: 34.520 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 91.68 Mbit/s
95th percentile per-packet one-way delay: 34.520 ms
Loss rate: 0.70%
```

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2019-03-18 19:49:16

End at: 2019-03-18 19:49:46

Local clock offset: 0.807 ms

Remote clock offset: -2.862 ms

Below is generated by plot.py at 2019-03-18 21:35:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.71 Mbit/s

95th percentile per-packet one-way delay: 34.359 ms

Loss rate: 0.68%

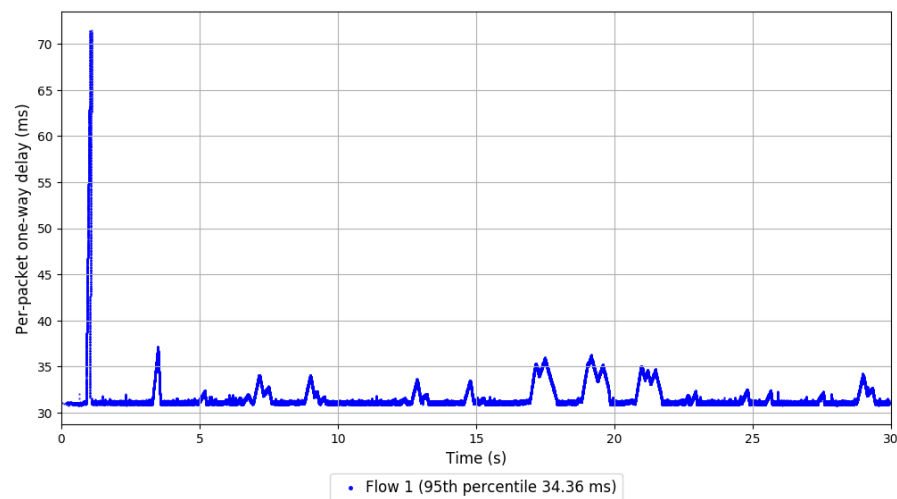
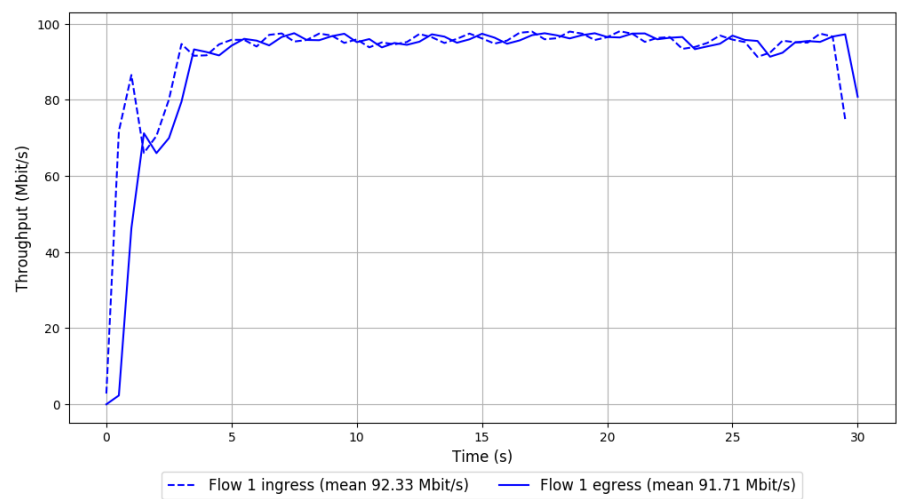
-- Flow 1:

Average throughput: 91.71 Mbit/s

95th percentile per-packet one-way delay: 34.359 ms

Loss rate: 0.68%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2019-03-18 20:13:37

End at: 2019-03-18 20:14:07

Local clock offset: 0.445 ms

Remote clock offset: -2.42 ms

Below is generated by plot.py at 2019-03-18 21:35:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.63 Mbit/s

95th percentile per-packet one-way delay: 37.068 ms

Loss rate: 0.76%

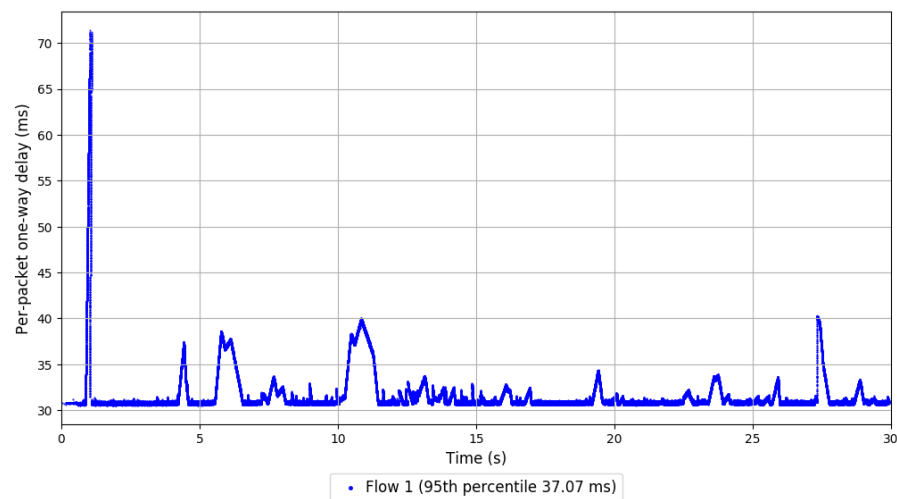
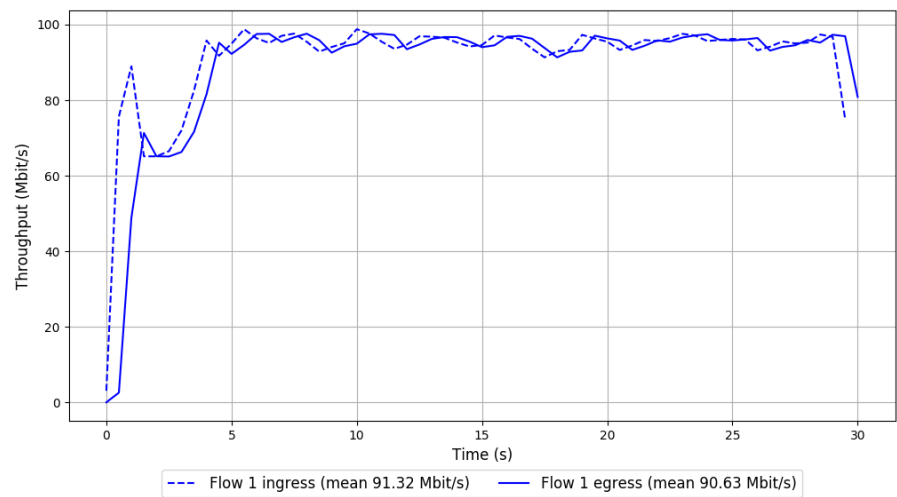
-- Flow 1:

Average throughput: 90.63 Mbit/s

95th percentile per-packet one-way delay: 37.068 ms

Loss rate: 0.76%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2019-03-18 20:37:55

End at: 2019-03-18 20:38:25

Local clock offset: 0.147 ms

Remote clock offset: -1.721 ms

Below is generated by plot.py at 2019-03-18 21:35:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.90 Mbit/s

95th percentile per-packet one-way delay: 34.503 ms

Loss rate: 0.74%

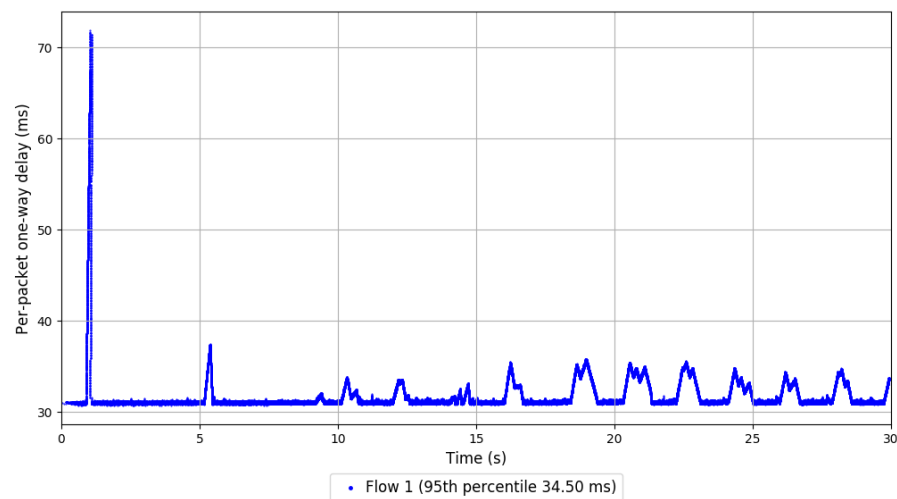
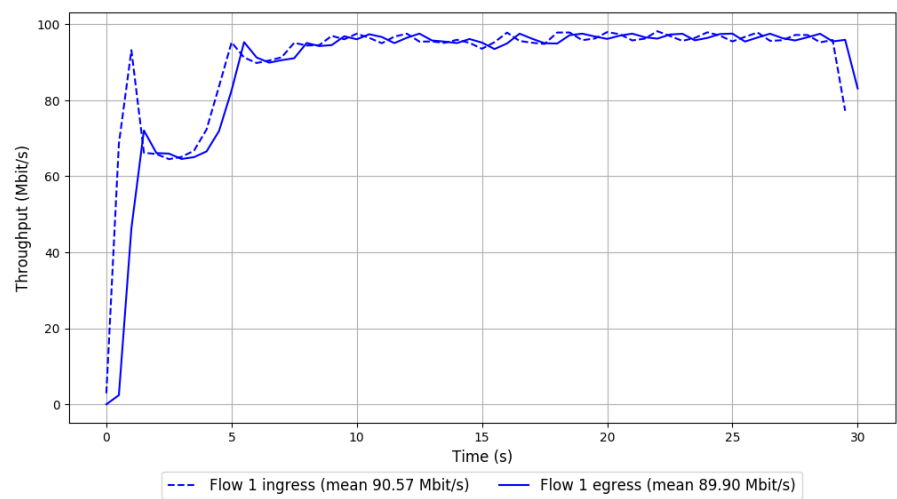
-- Flow 1:

Average throughput: 89.90 Mbit/s

95th percentile per-packet one-way delay: 34.503 ms

Loss rate: 0.74%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2019-03-18 21:02:19

End at: 2019-03-18 21:02:49

Local clock offset: 0.513 ms

Remote clock offset: -1.63 ms

Below is generated by plot.py at 2019-03-18 21:35:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.91 Mbit/s

95th percentile per-packet one-way delay: 36.414 ms

Loss rate: 0.70%

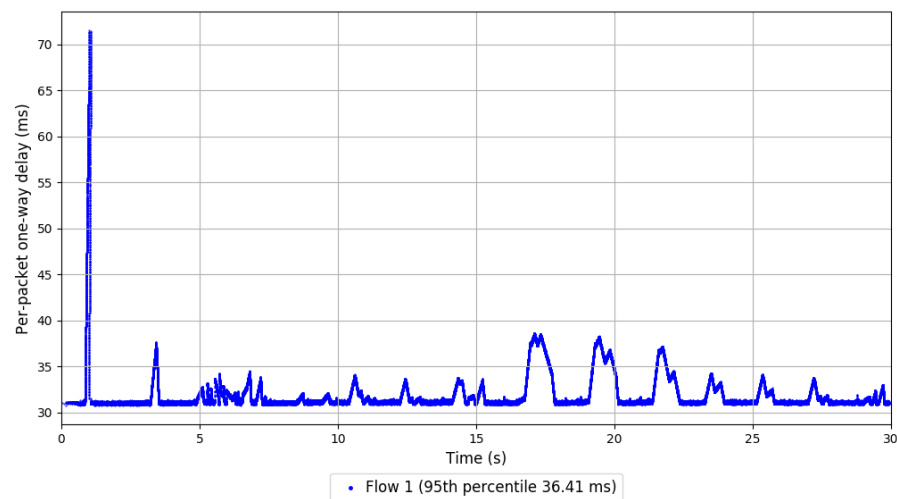
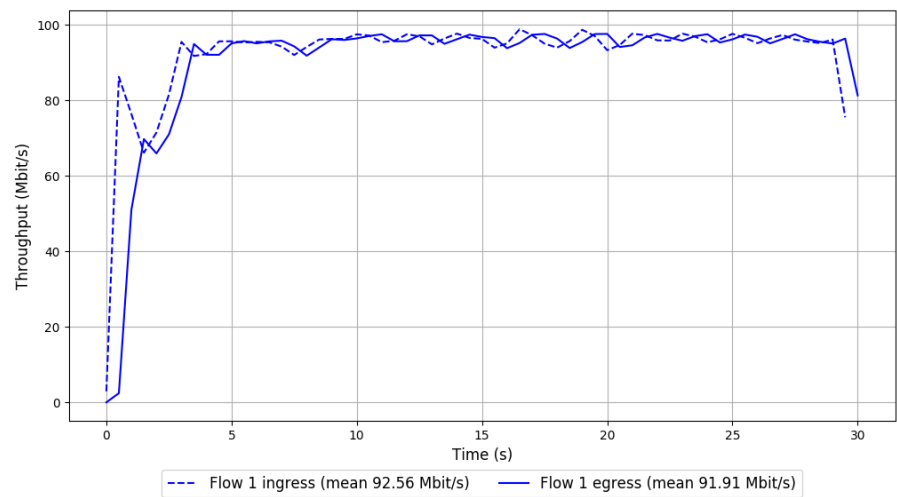
-- Flow 1:

Average throughput: 91.91 Mbit/s

95th percentile per-packet one-way delay: 36.414 ms

Loss rate: 0.70%

Run 5: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

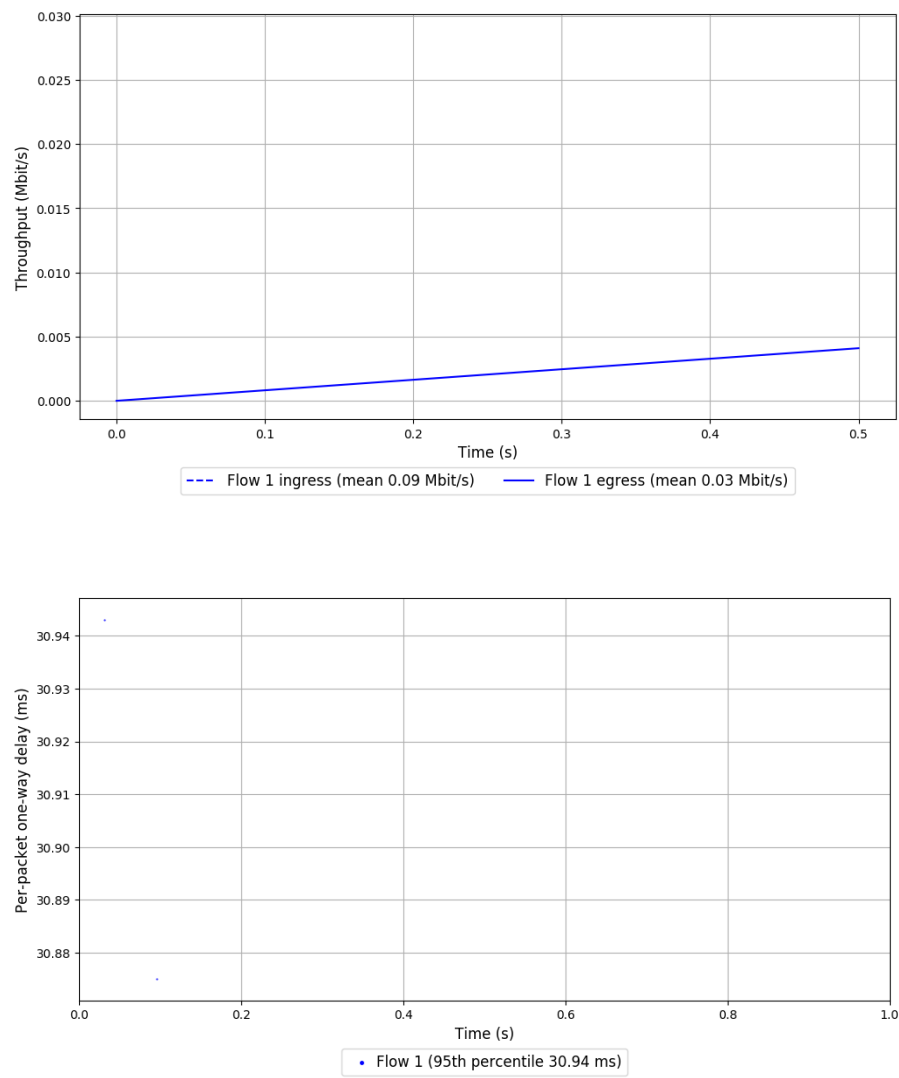
Start at: 2019-03-18 19:35:29

End at: 2019-03-18 19:35:59

Local clock offset: 0.825 ms

Remote clock offset: -3.316 ms

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

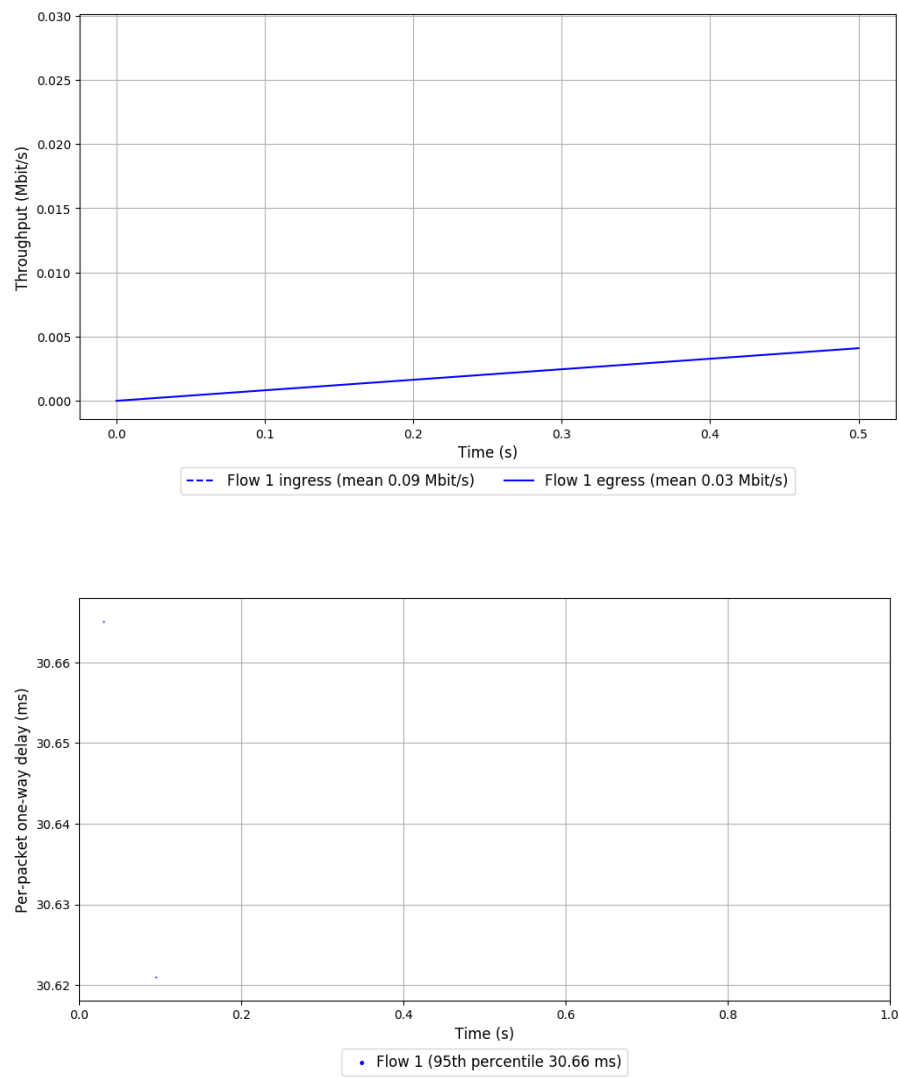
Start at: 2019-03-18 19:59:48

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

Local clock offset: 0.443 ms

Remote clock offset: -2.782 ms

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

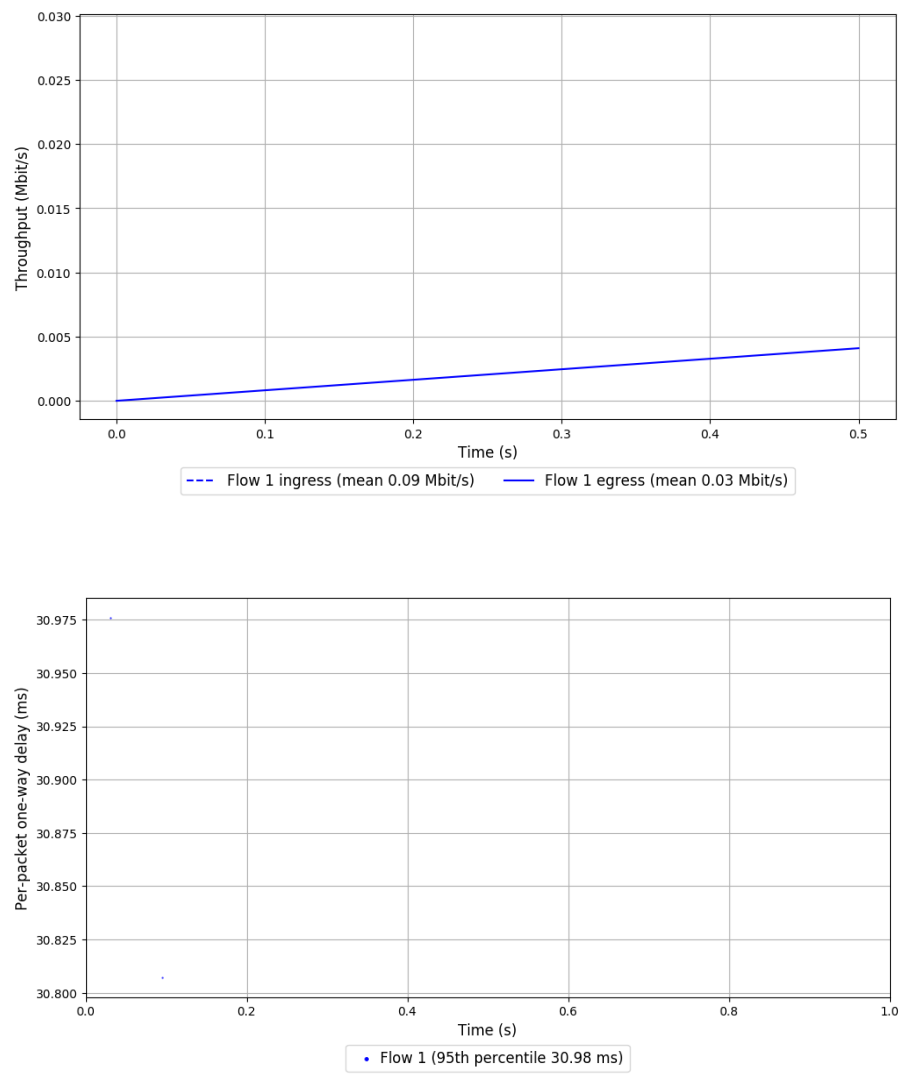
Start at: 2019-03-18 20:24:04

End at: 2019-03-18 20:24:34

Local clock offset: 0.218 ms

Remote clock offset: -1.993 ms

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

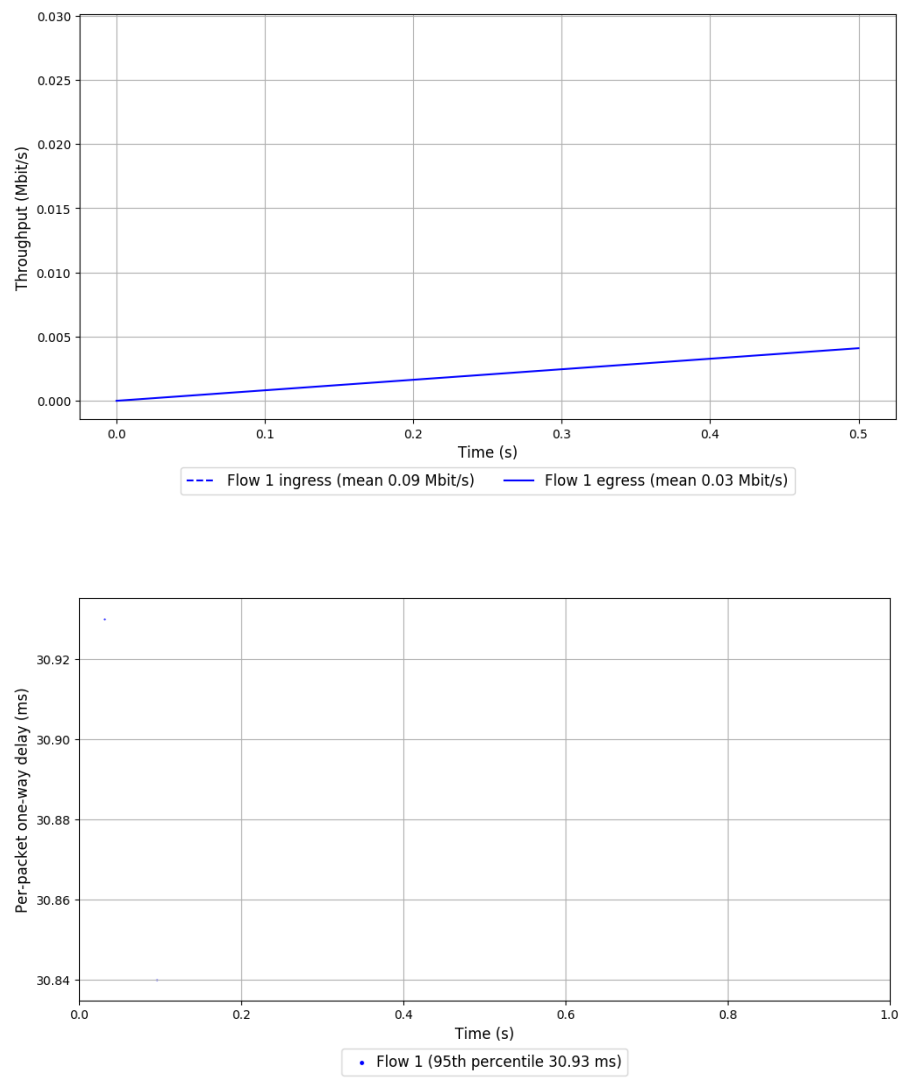
Start at: 2019-03-18 20:48:31

End at: 2019-03-18 20:49:01

Local clock offset: 0.278 ms

Remote clock offset: -1.675 ms

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

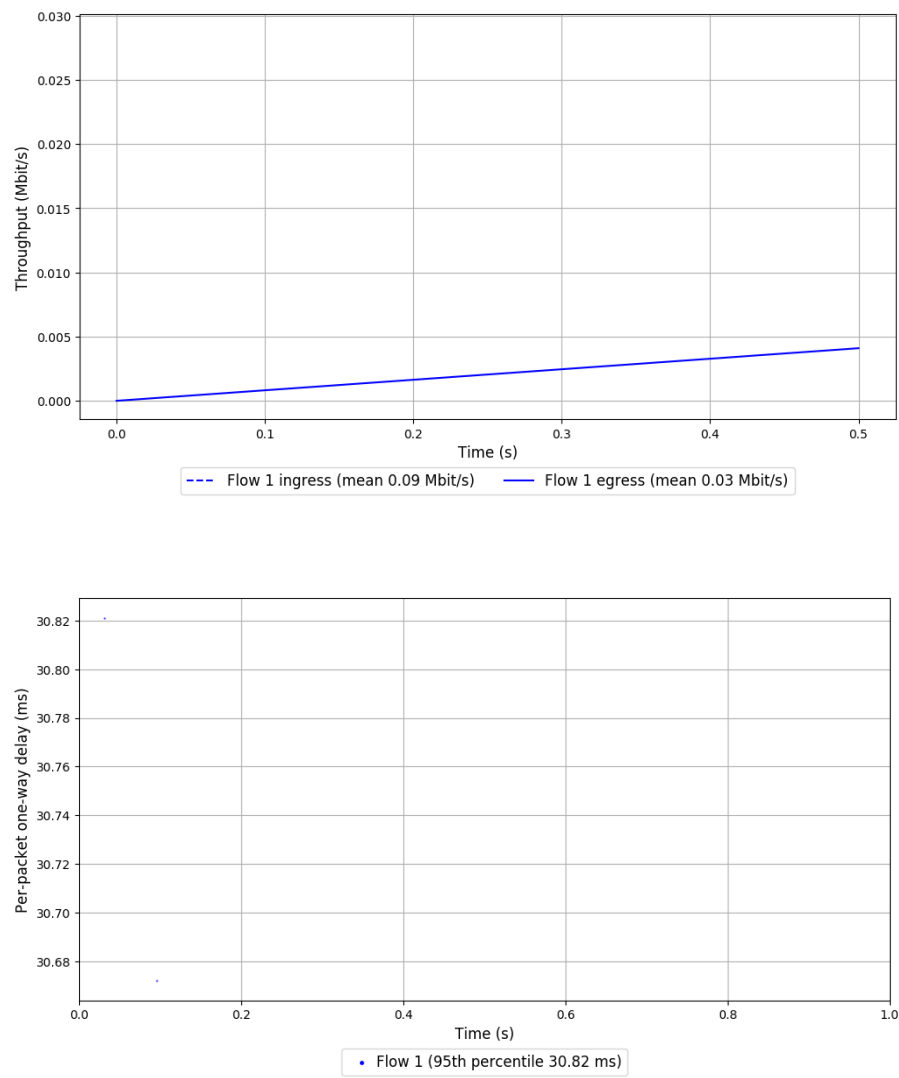
Start at: 2019-03-18 21:12:43

End at: 2019-03-18 21:13:13

Local clock offset: 0.576 ms

Remote clock offset: -1.856 ms

Run 5: Report of PCC-Expr — Data Link

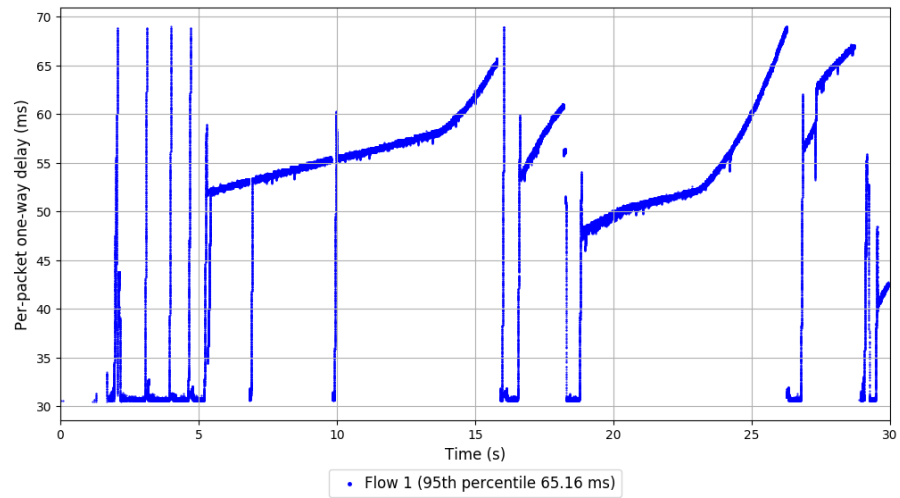
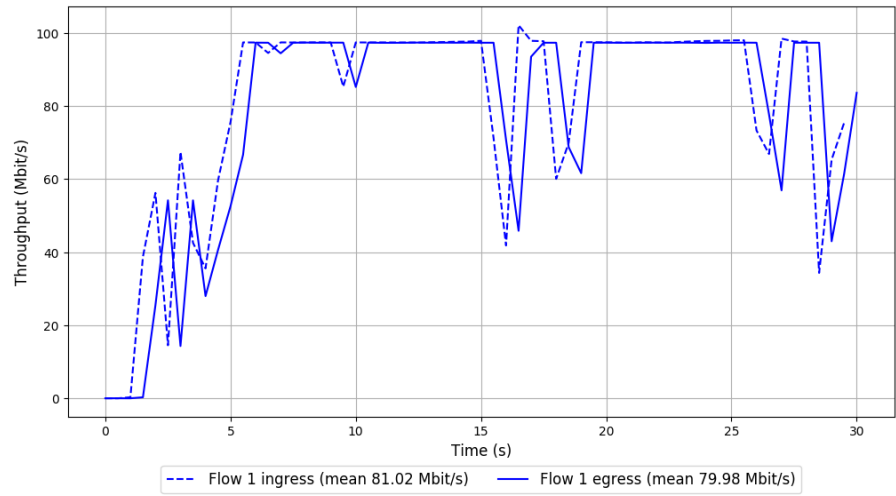


Run 1: Statistics of QUIC Cubic

Start at: 2019-03-18 19:40:01
End at: 2019-03-18 19:40:31
Local clock offset: 0.894 ms
Remote clock offset: -3.353 ms

Below is generated by plot.py at 2019-03-18 21:35:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.98 Mbit/s
95th percentile per-packet one-way delay: 65.163 ms
Loss rate: 1.25%
-- Flow 1:
Average throughput: 79.98 Mbit/s
95th percentile per-packet one-way delay: 65.163 ms
Loss rate: 1.25%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2019-03-18 20:04:21

End at: 2019-03-18 20:04:51

Local clock offset: 0.406 ms

Remote clock offset: -2.478 ms

Below is generated by plot.py at 2019-03-18 21:35:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.82 Mbit/s

95th percentile per-packet one-way delay: 64.484 ms

Loss rate: 1.64%

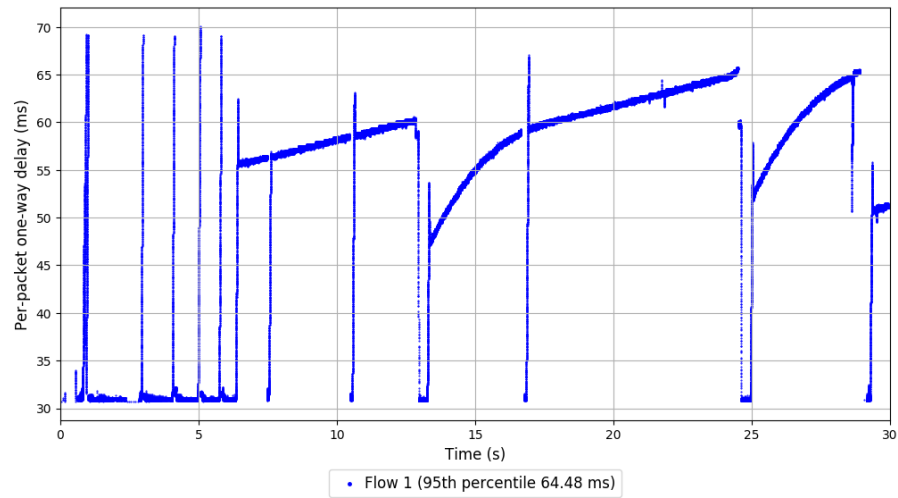
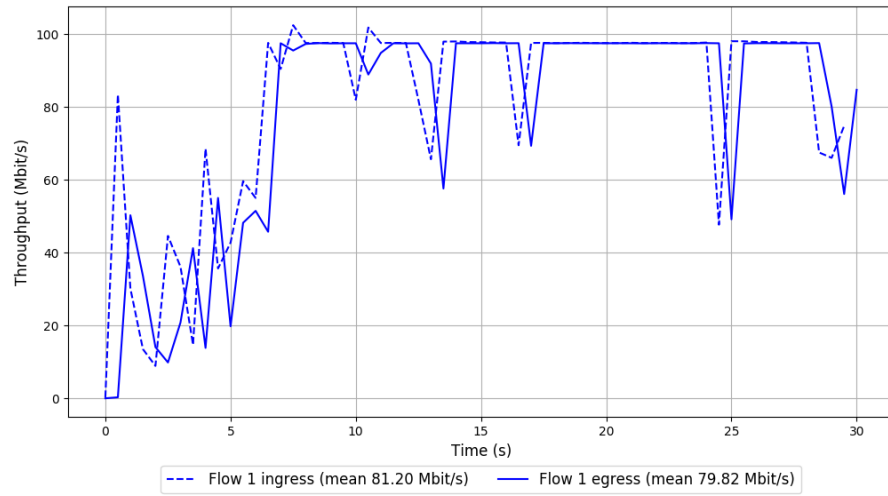
-- Flow 1:

Average throughput: 79.82 Mbit/s

95th percentile per-packet one-way delay: 64.484 ms

Loss rate: 1.64%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2019-03-18 20:28:37

End at: 2019-03-18 20:29:07

Local clock offset: 0.157 ms

Remote clock offset: -1.848 ms

Below is generated by plot.py at 2019-03-18 21:35:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.87 Mbit/s

95th percentile per-packet one-way delay: 67.281 ms

Loss rate: 0.99%

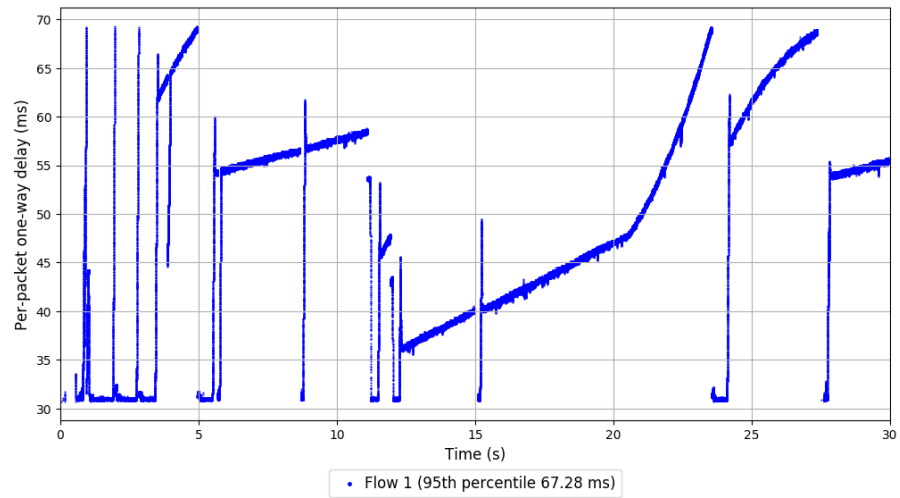
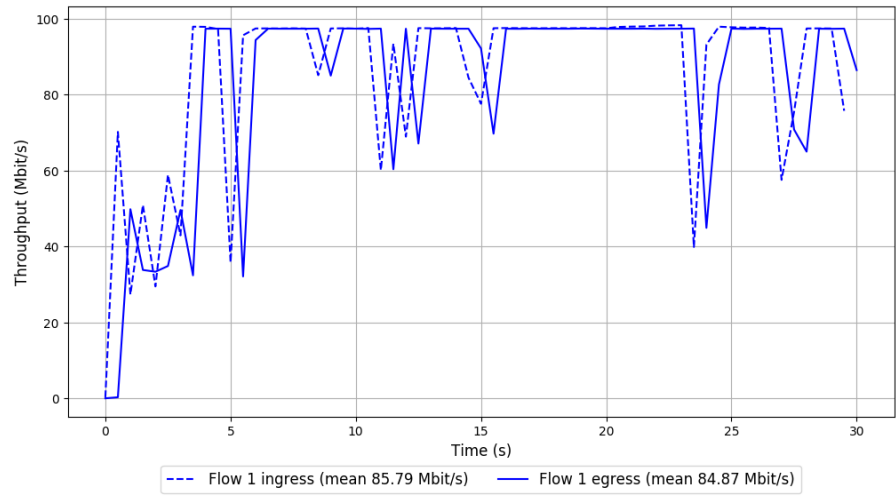
-- Flow 1:

Average throughput: 84.87 Mbit/s

95th percentile per-packet one-way delay: 67.281 ms

Loss rate: 0.99%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2019-03-18 20:53:04

End at: 2019-03-18 20:53:34

Local clock offset: 0.366 ms

Remote clock offset: -1.908 ms

Below is generated by plot.py at 2019-03-18 21:36:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.34 Mbit/s

95th percentile per-packet one-way delay: 67.954 ms

Loss rate: 1.09%

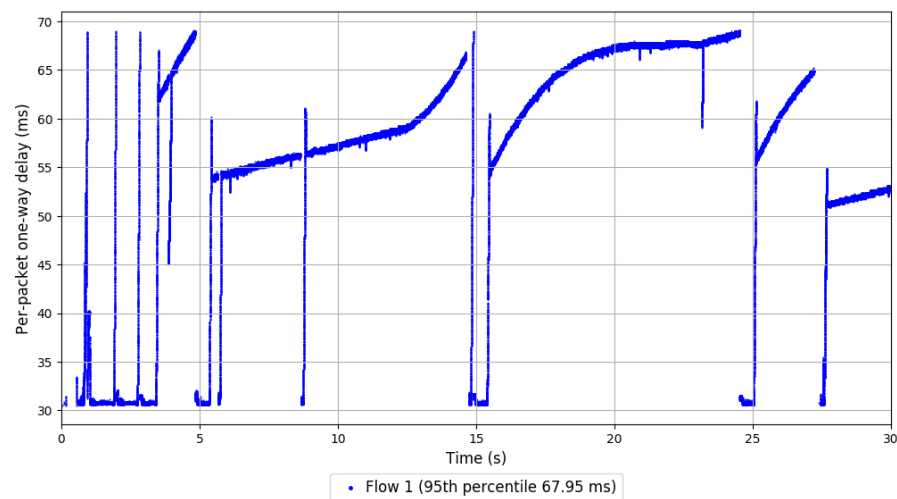
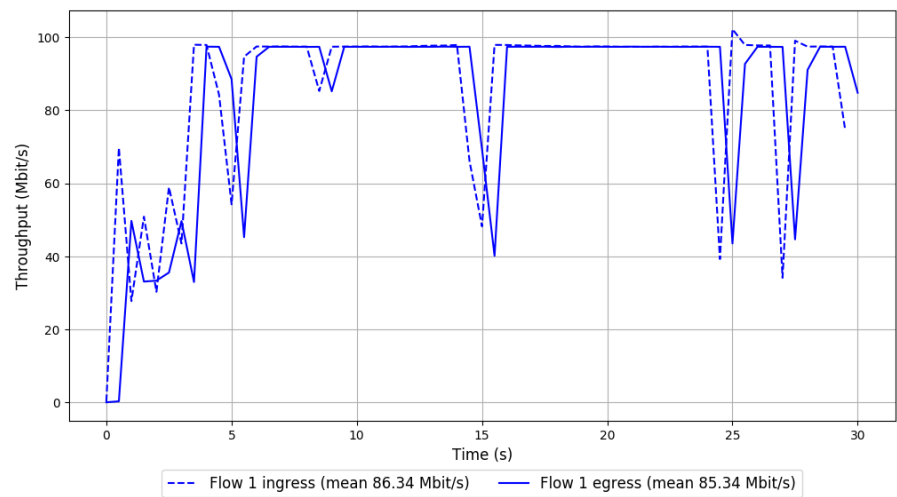
-- Flow 1:

Average throughput: 85.34 Mbit/s

95th percentile per-packet one-way delay: 67.954 ms

Loss rate: 1.09%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2019-03-18 21:17:16

End at: 2019-03-18 21:17:46

Local clock offset: 0.558 ms

Remote clock offset: -1.949 ms

Below is generated by plot.py at 2019-03-18 21:36:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.37 Mbit/s

95th percentile per-packet one-way delay: 65.801 ms

Loss rate: 0.95%

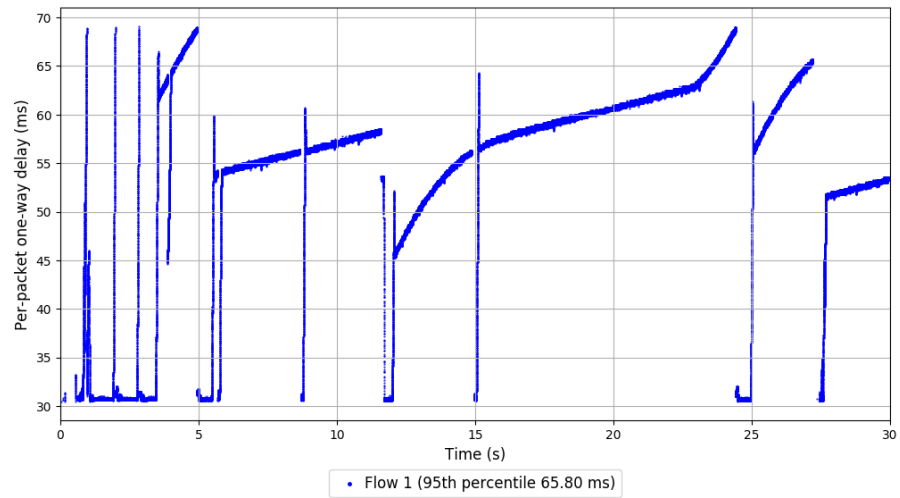
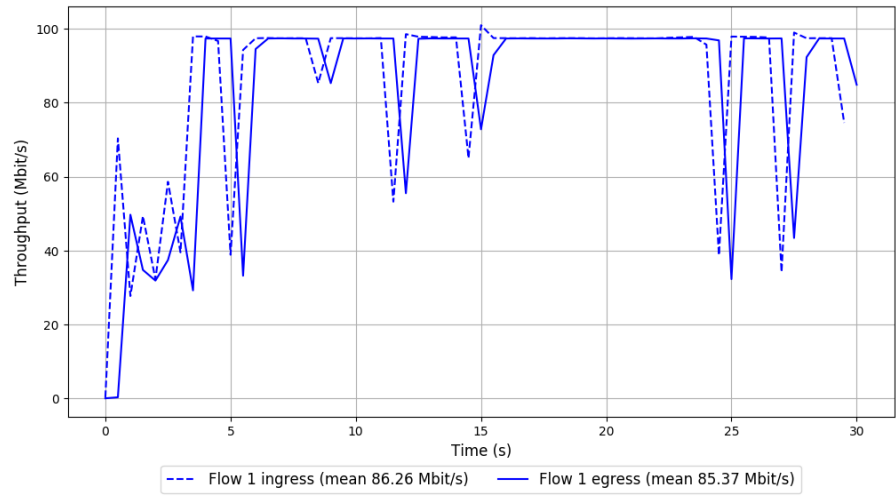
-- Flow 1:

Average throughput: 85.37 Mbit/s

95th percentile per-packet one-way delay: 65.801 ms

Loss rate: 0.95%

Run 5: Report of QUIC Cubic — Data Link

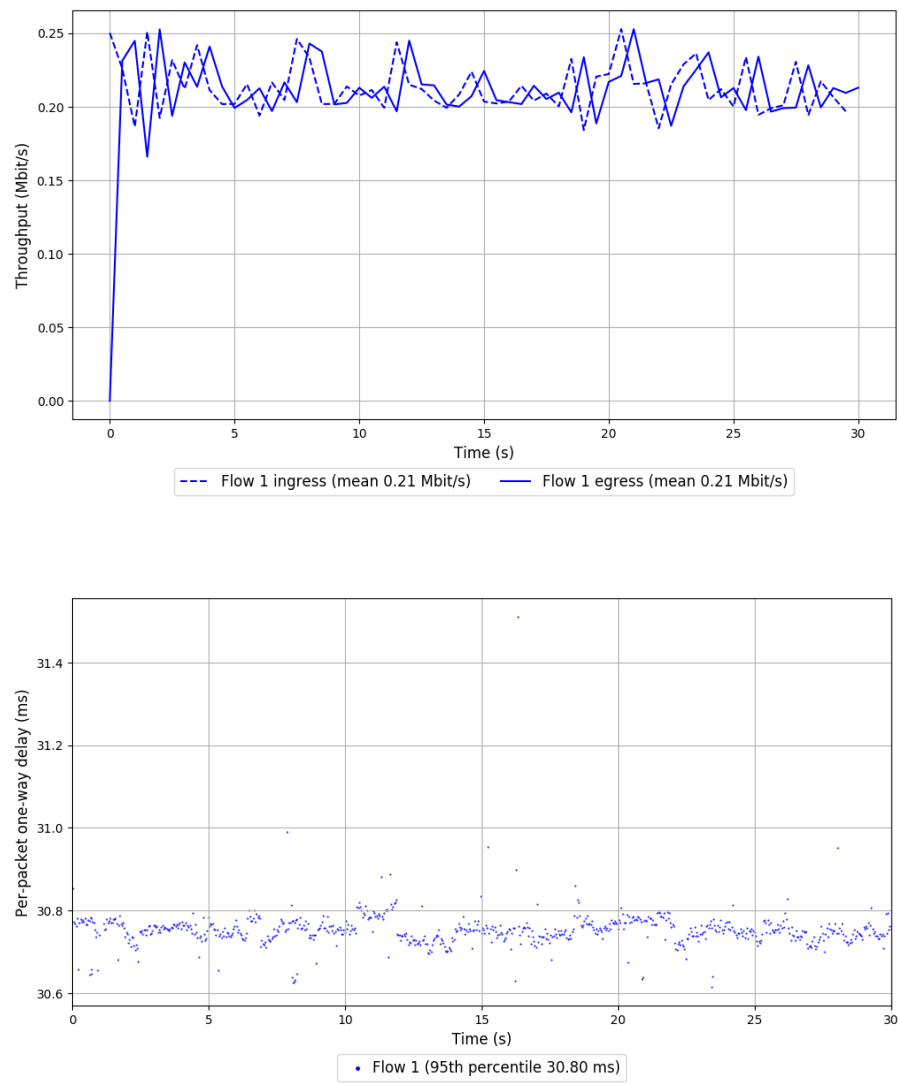


Run 1: Statistics of SCReAM

Start at: 2019-03-18 19:37:45
End at: 2019-03-18 19:38:15
Local clock offset: 0.849 ms
Remote clock offset: -3.444 ms

Below is generated by plot.py at 2019-03-18 21:36:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.797 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.797 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

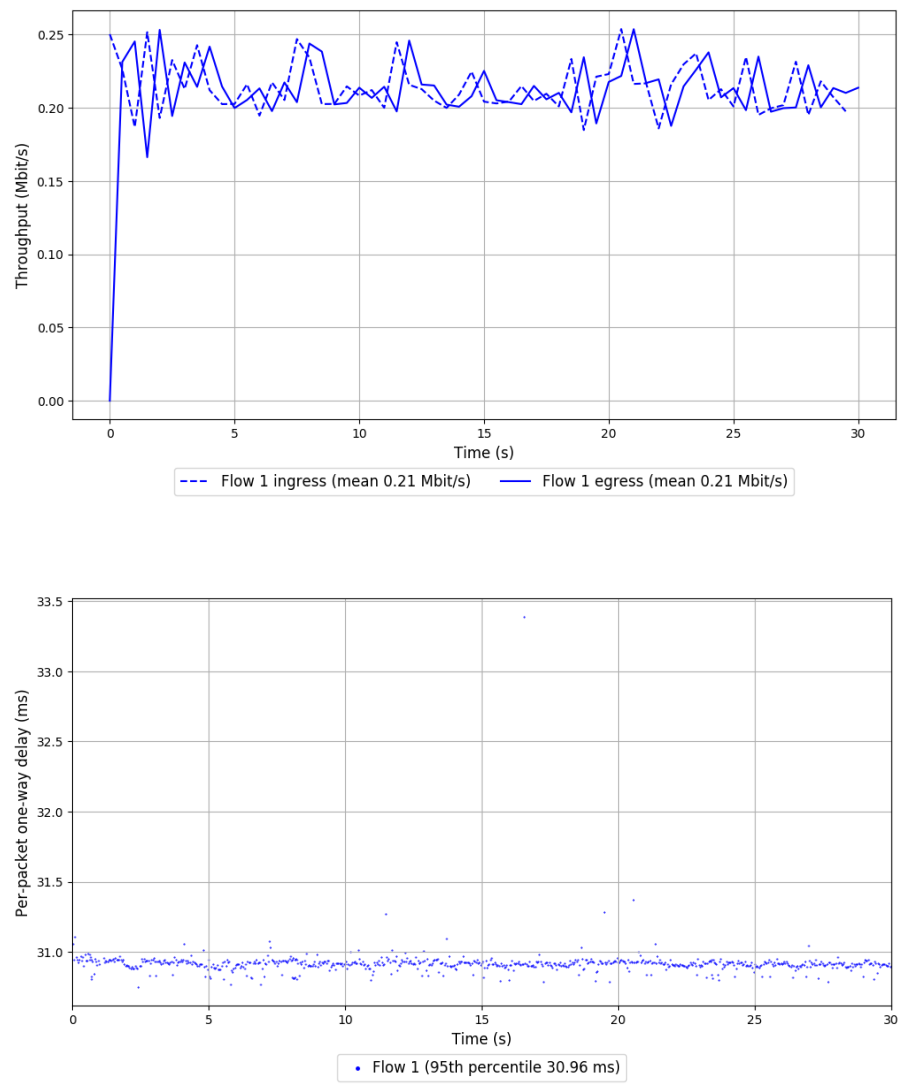


Run 2: Statistics of SCReAM

Start at: 2019-03-18 20:02:05
End at: 2019-03-18 20:02:35
Local clock offset: 0.419 ms
Remote clock offset: -2.568 ms

Below is generated by plot.py at 2019-03-18 21:36:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.963 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.963 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

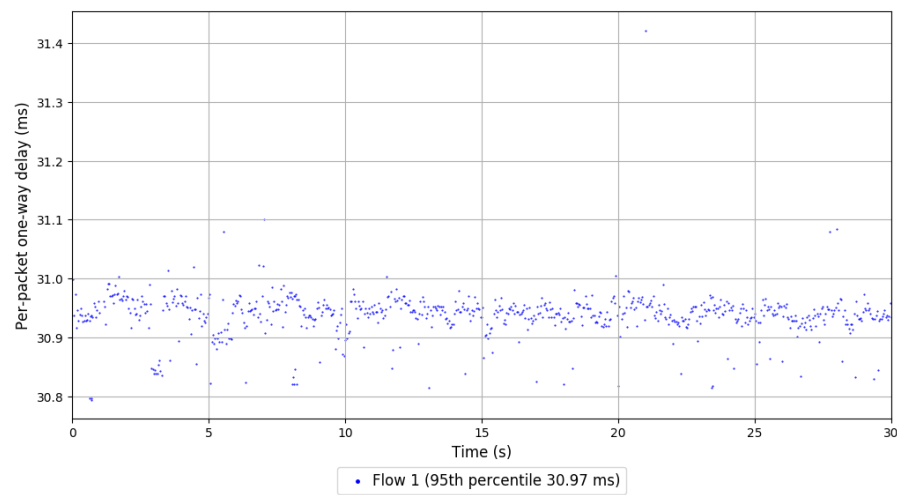
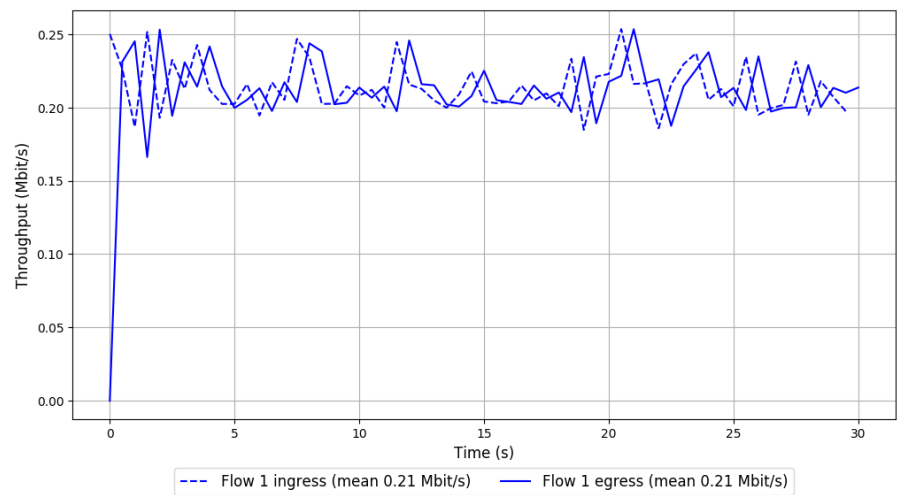


Run 3: Statistics of SReAM

Start at: 2019-03-18 20:26:21
End at: 2019-03-18 20:26:51
Local clock offset: 0.186 ms
Remote clock offset: -1.911 ms

Below is generated by plot.py at 2019-03-18 21:36:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.974 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.974 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

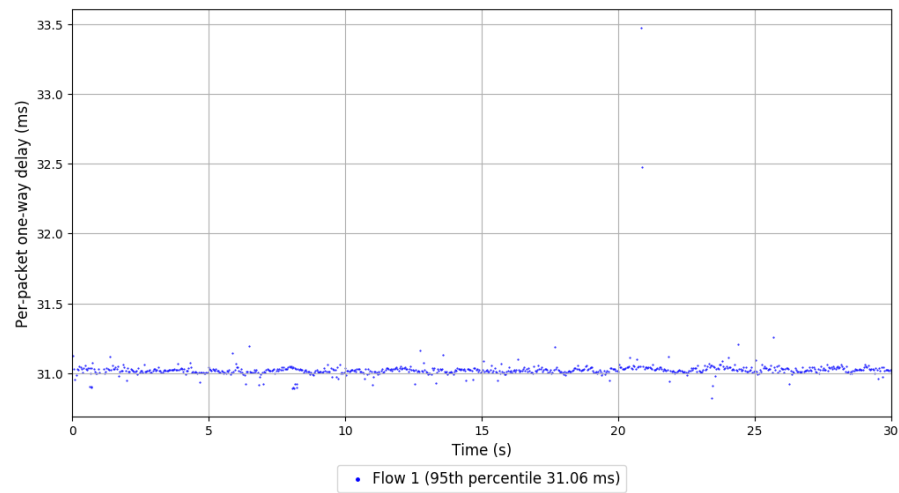
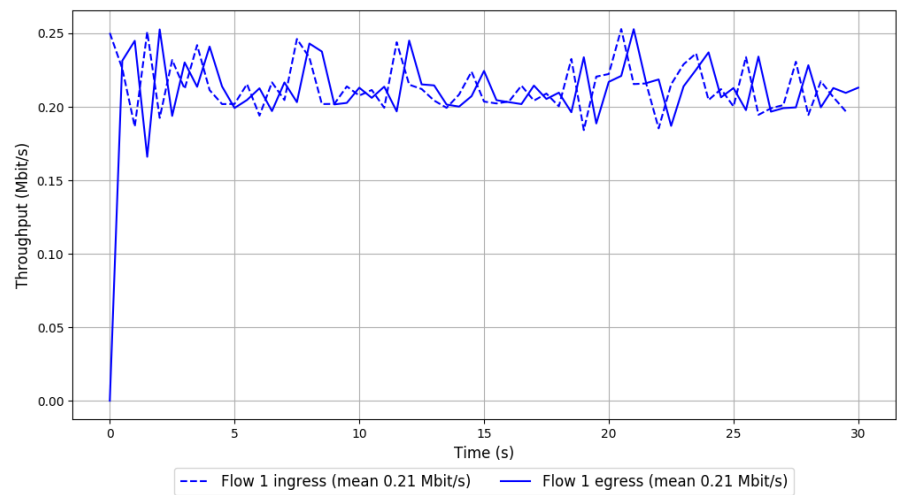


Run 4: Statistics of SCReAM

Start at: 2019-03-18 20:50:48
End at: 2019-03-18 20:51:18
Local clock offset: 0.311 ms
Remote clock offset: -1.668 ms

Below is generated by plot.py at 2019-03-18 21:36:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.060 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.060 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

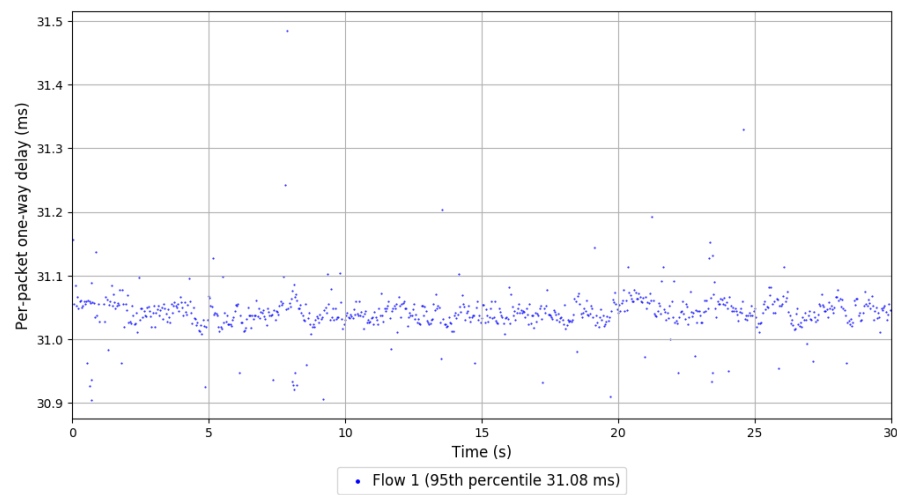
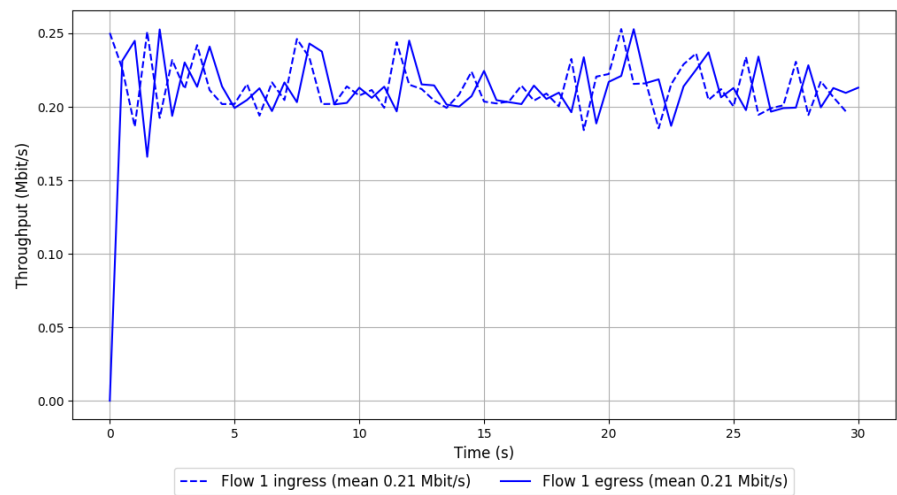


Run 5: Statistics of SCReAM

Start at: 2019-03-18 21:15:00
End at: 2019-03-18 21:15:30
Local clock offset: 0.578 ms
Remote clock offset: -1.745 ms

Below is generated by plot.py at 2019-03-18 21:36:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.077 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.077 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

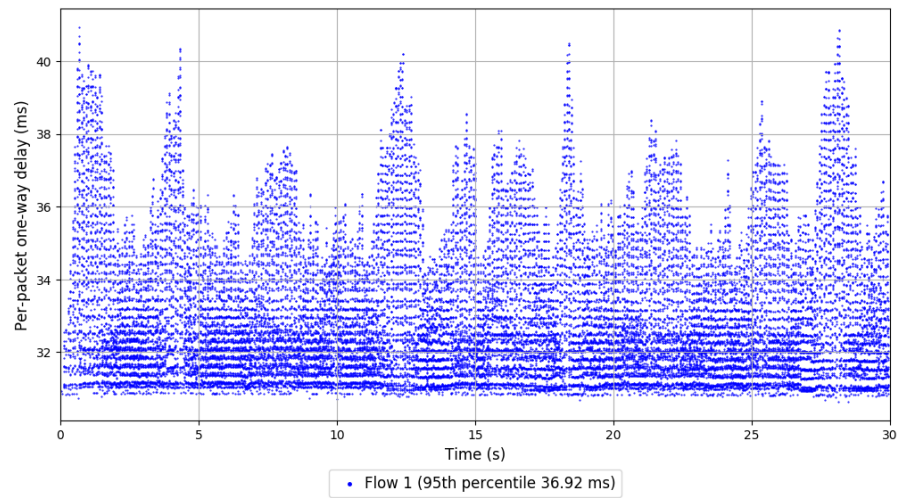
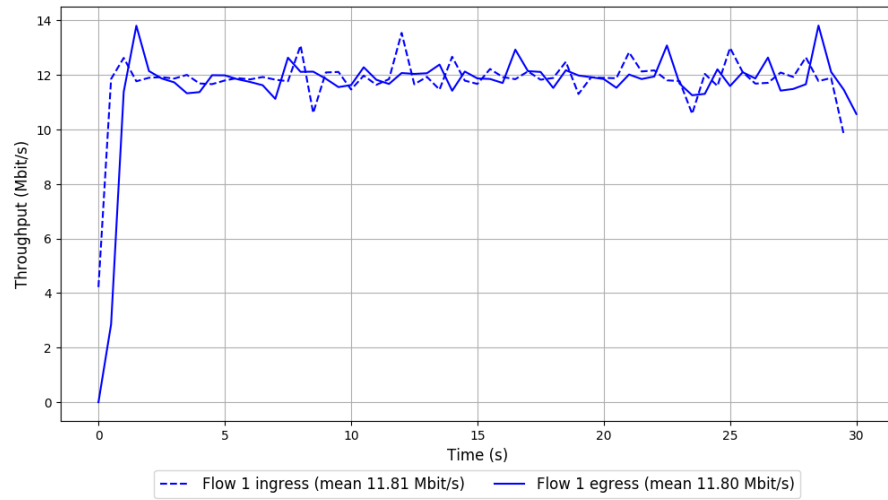


Run 1: Statistics of Sprout

Start at: 2019-03-18 19:45:53
End at: 2019-03-18 19:46:23
Local clock offset: 1.058 ms
Remote clock offset: -2.977 ms

Below is generated by plot.py at 2019-03-18 21:36:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.80 Mbit/s
95th percentile per-packet one-way delay: 36.920 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 11.80 Mbit/s
95th percentile per-packet one-way delay: 36.920 ms
Loss rate: 0.10%

Run 1: Report of Sprout — Data Link

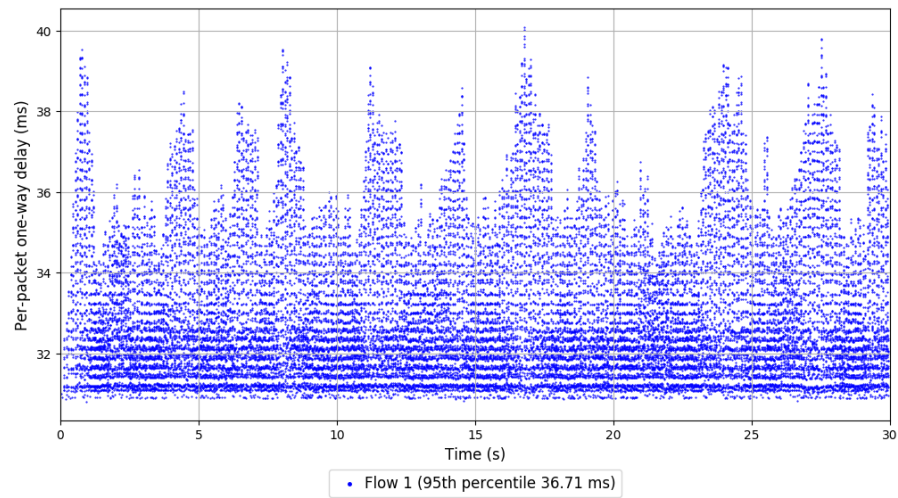
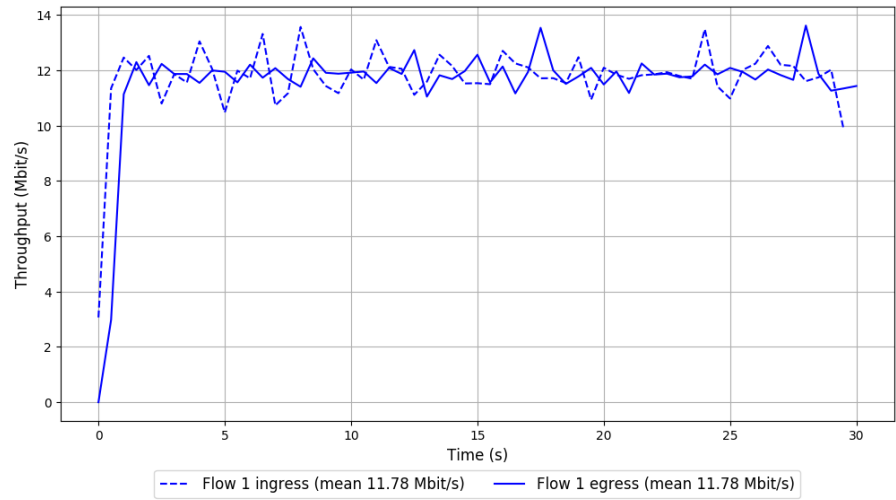


Run 2: Statistics of Sprout

Start at: 2019-03-18 20:10:13
End at: 2019-03-18 20:10:43
Local clock offset: 0.403 ms
Remote clock offset: -2.329 ms

Below is generated by plot.py at 2019-03-18 21:36:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.78 Mbit/s
95th percentile per-packet one-way delay: 36.708 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.78 Mbit/s
95th percentile per-packet one-way delay: 36.708 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

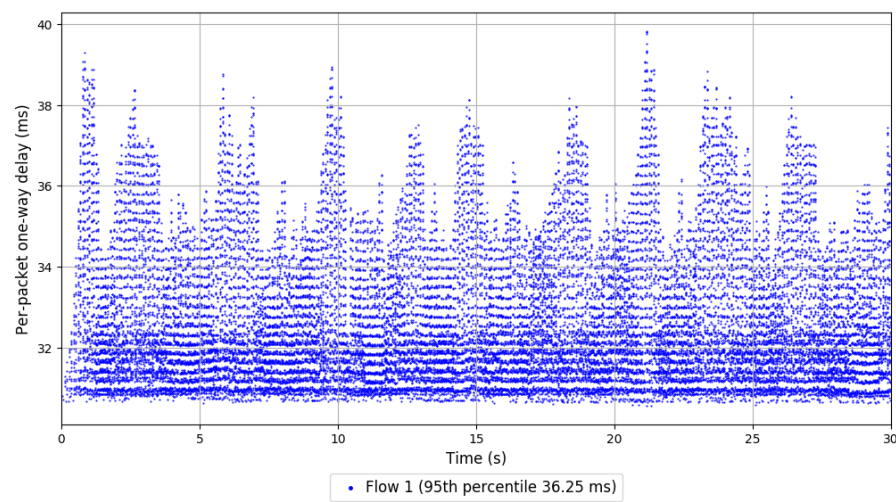
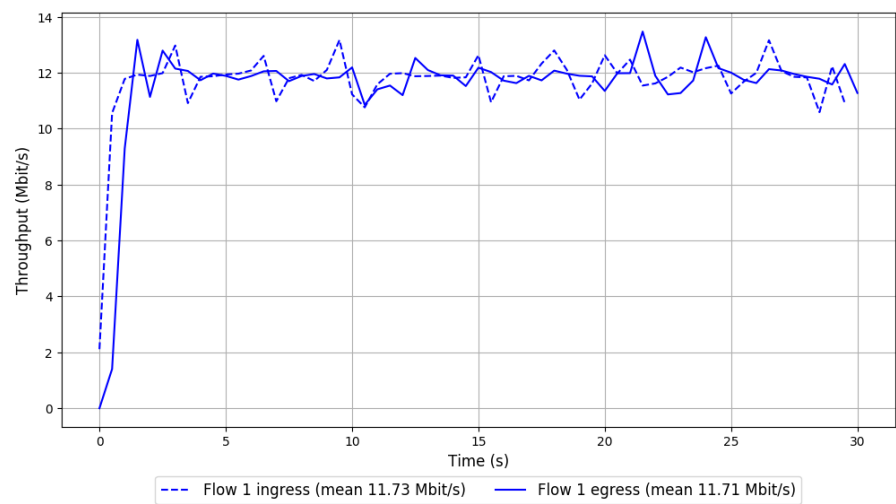


Run 3: Statistics of Sprout

Start at: 2019-03-18 20:34:31
End at: 2019-03-18 20:35:01
Local clock offset: 0.147 ms
Remote clock offset: -1.959 ms

Below is generated by plot.py at 2019-03-18 21:36:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.71 Mbit/s
95th percentile per-packet one-way delay: 36.250 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 11.71 Mbit/s
95th percentile per-packet one-way delay: 36.250 ms
Loss rate: 0.13%

Run 3: Report of Sprout — Data Link

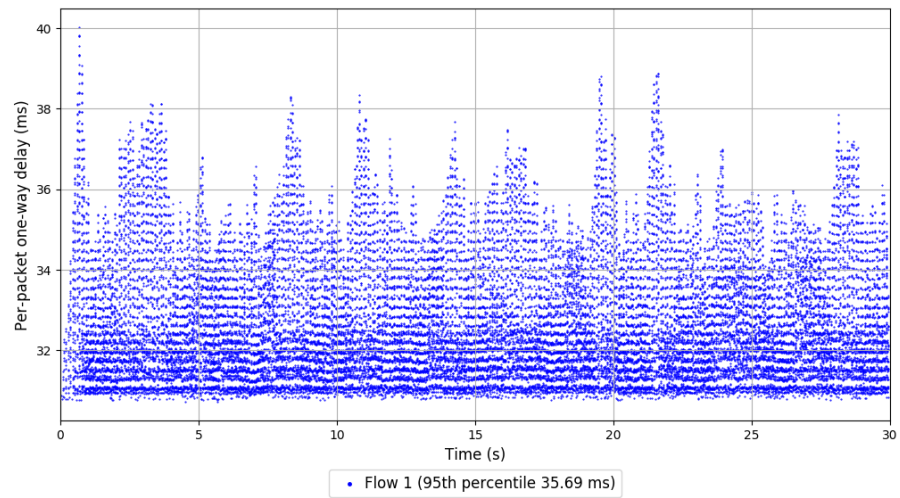
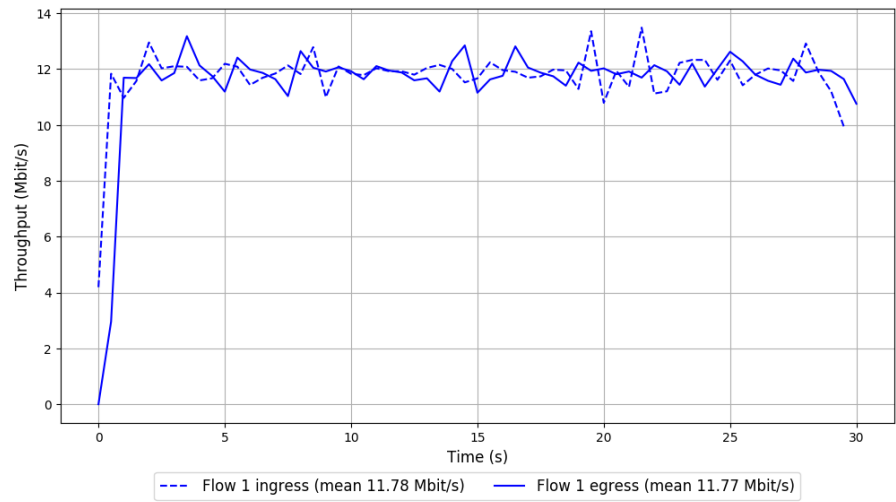


Run 4: Statistics of Sprout

Start at: 2019-03-18 20:58:55
End at: 2019-03-18 20:59:25
Local clock offset: 0.483 ms
Remote clock offset: -1.797 ms

Below is generated by plot.py at 2019-03-18 21:36:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.77 Mbit/s
95th percentile per-packet one-way delay: 35.693 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.77 Mbit/s
95th percentile per-packet one-way delay: 35.693 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

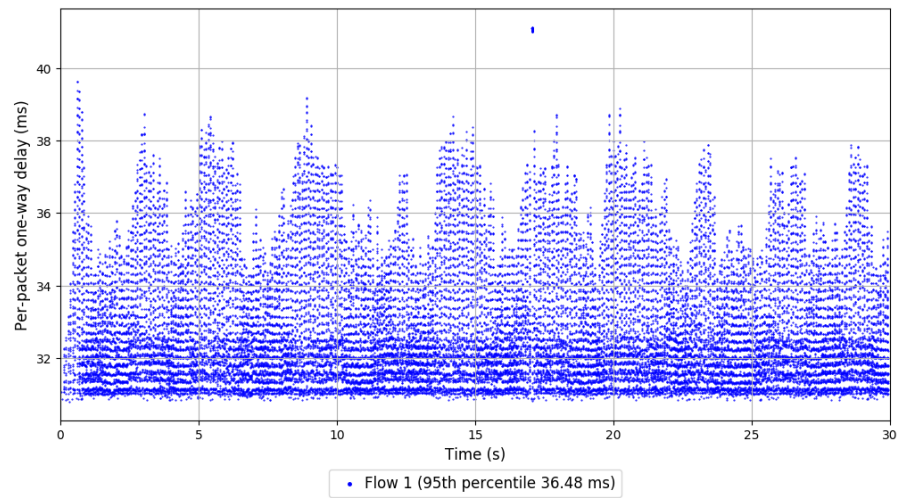
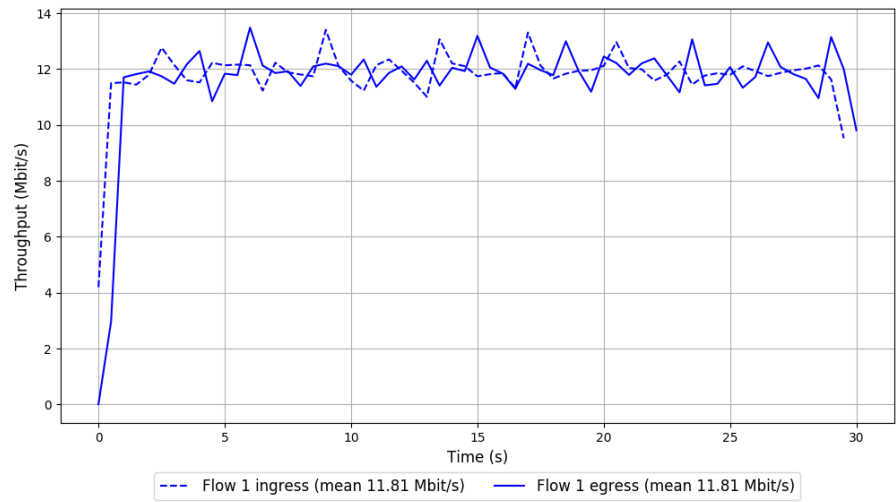


Run 5: Statistics of Sprout

Start at: 2019-03-18 21:23:09
End at: 2019-03-18 21:23:39
Local clock offset: 0.448 ms
Remote clock offset: -1.796 ms

Below is generated by plot.py at 2019-03-18 21:36:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.81 Mbit/s
95th percentile per-packet one-way delay: 36.477 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.81 Mbit/s
95th percentile per-packet one-way delay: 36.477 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

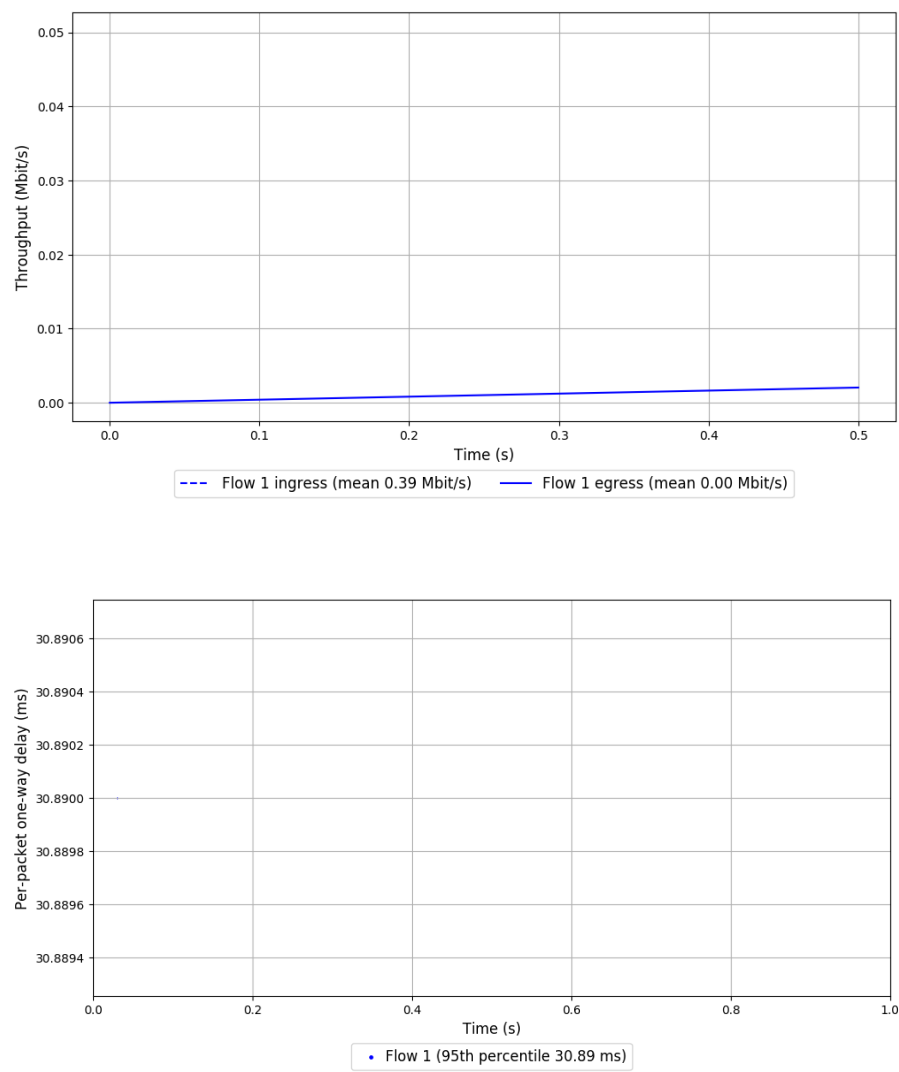
Start at: 2019-03-18 19:23:57

End at: 2019-03-18 19:24:27

Local clock offset: 0.804 ms

Remote clock offset: -3.65 ms

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



Run 2: Statistics of TaoVA-100x

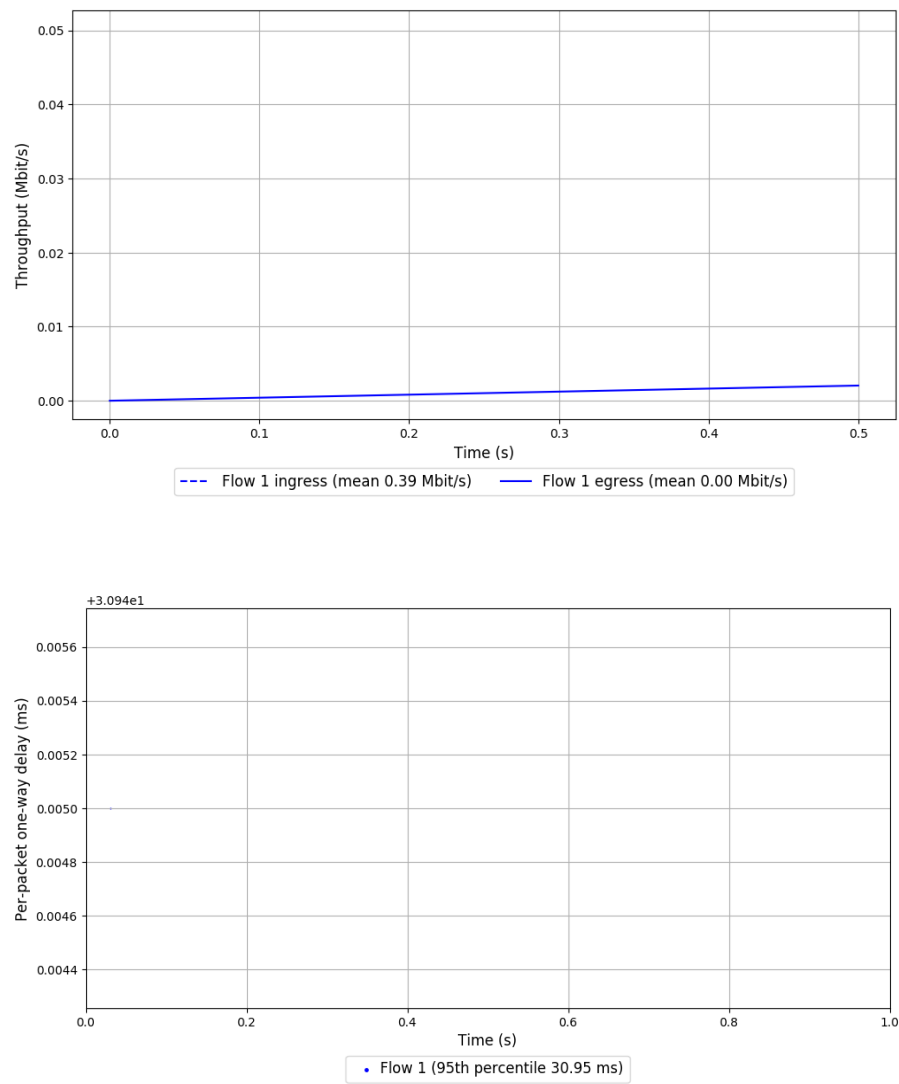
Start at: 2019-03-18 19:48:10

End at: 2019-03-18 19:48:40

Local clock offset: 0.876 ms

Remote clock offset: -2.897 ms

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



Run 3: Statistics of TaoVA-100x

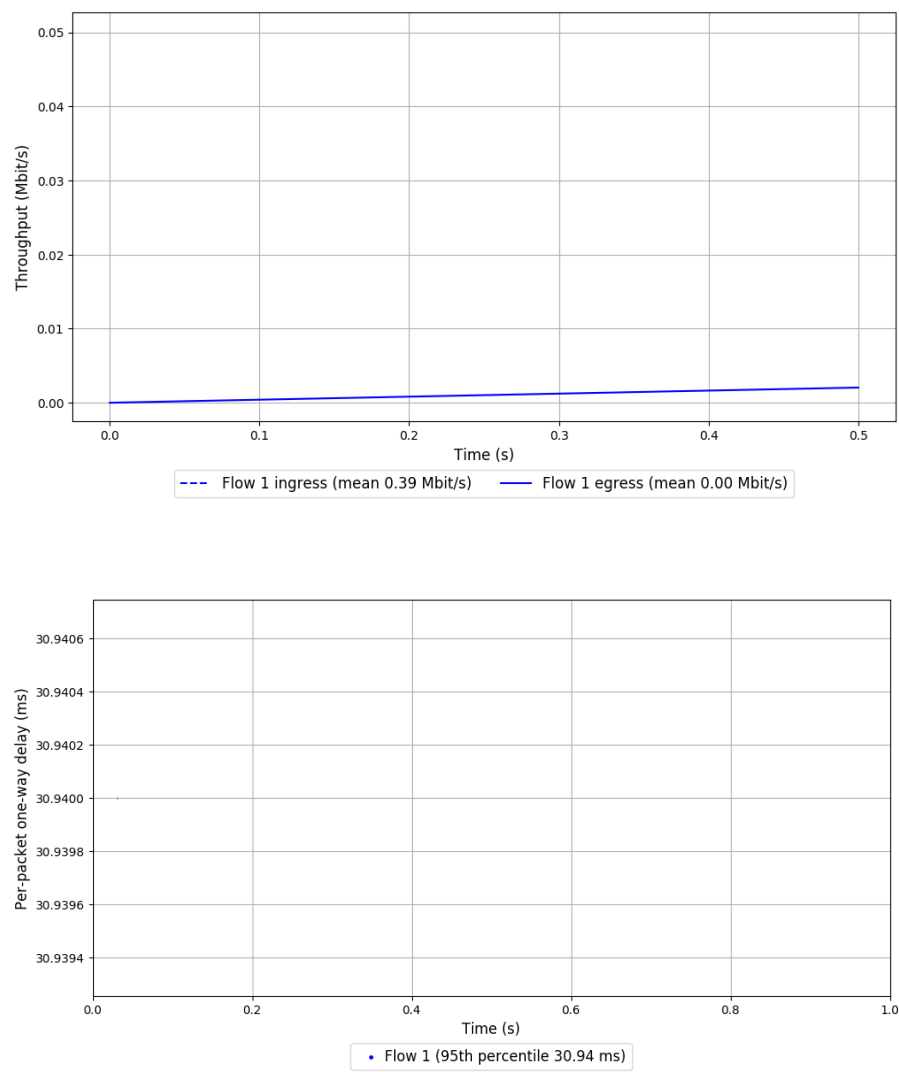
Start at: 2019-03-18 20:12:31

End at: 2019-03-18 20:13:01

Local clock offset: 0.407 ms

Remote clock offset: -2.307 ms

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



Run 4: Statistics of TaoVA-100x

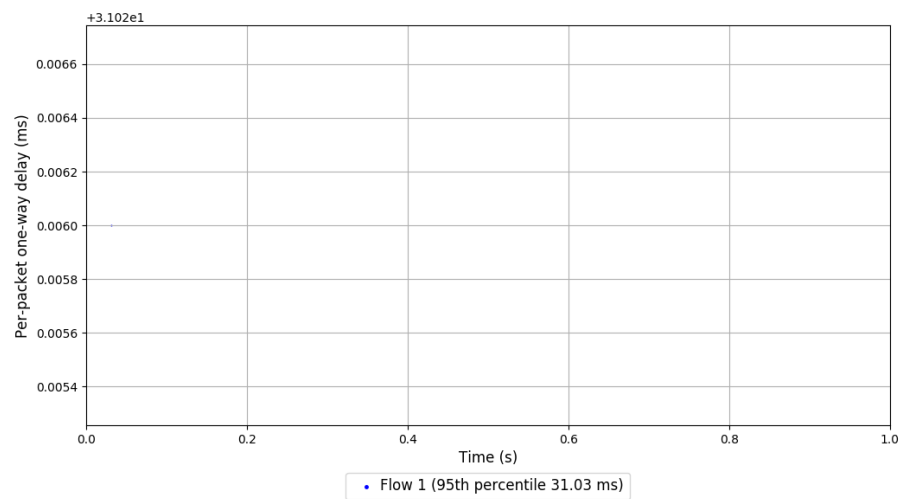
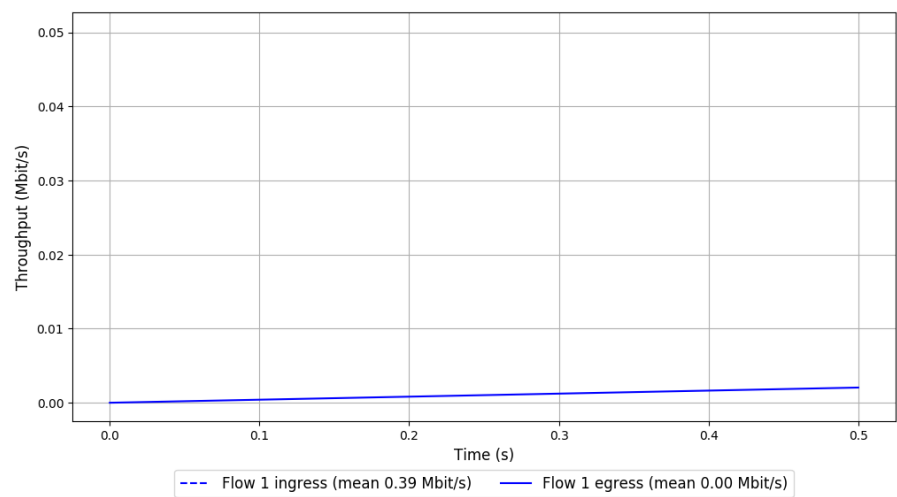
Start at: 2019-03-18 20:36:49

End at: 2019-03-18 20:37:19

Local clock offset: 0.149 ms

Remote clock offset: -1.713 ms

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



Run 5: Statistics of TaoVA-100x

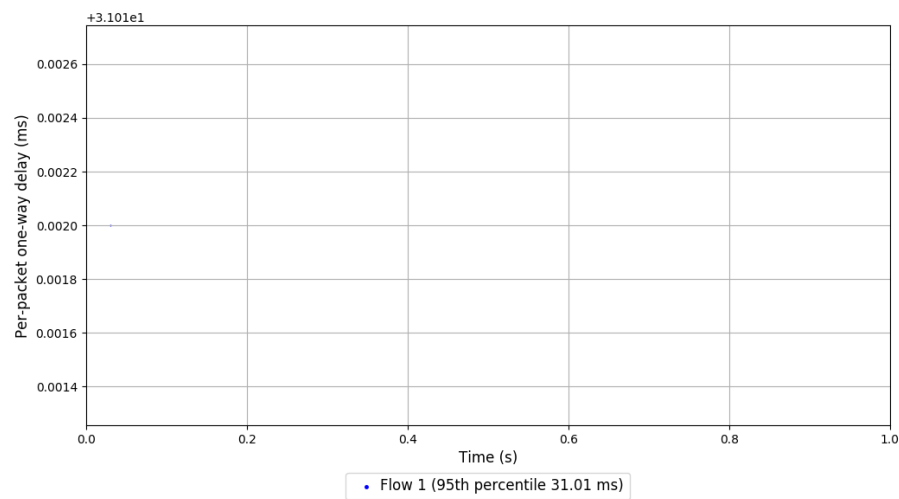
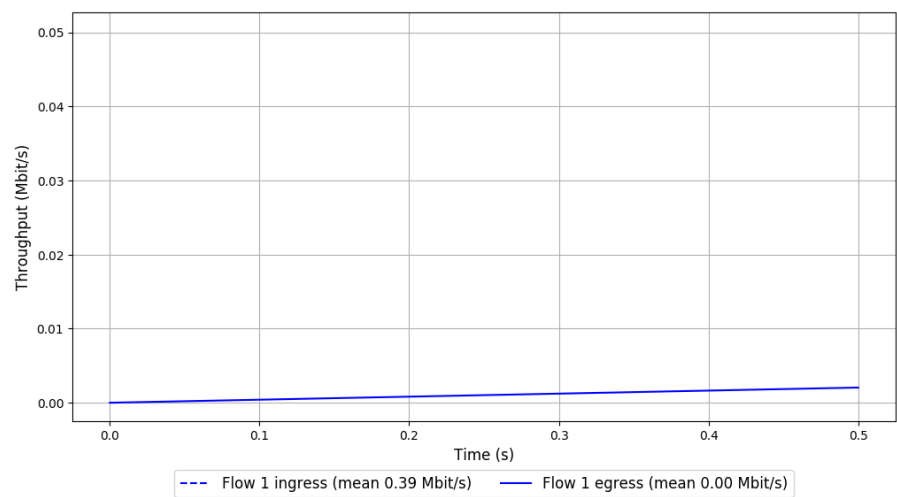
Start at: 2019-03-18 21:01:13

End at: 2019-03-18 21:01:43

Local clock offset: 0.5 ms

Remote clock offset: -1.622 ms

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

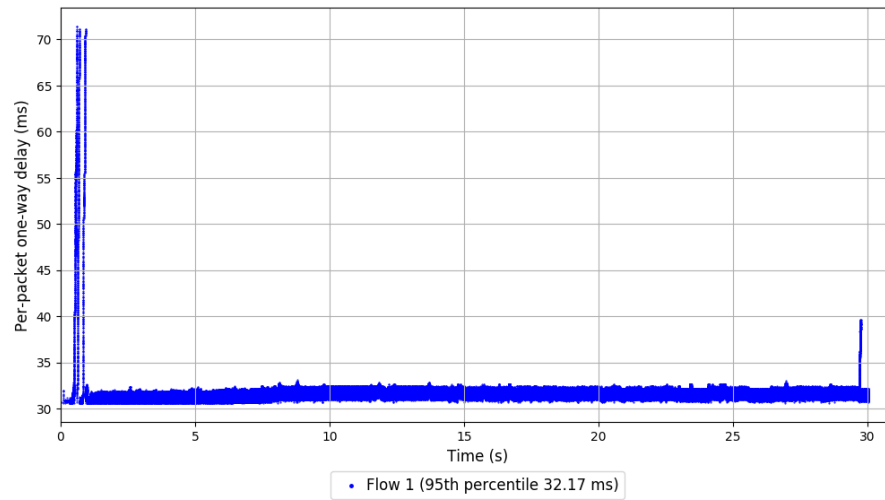
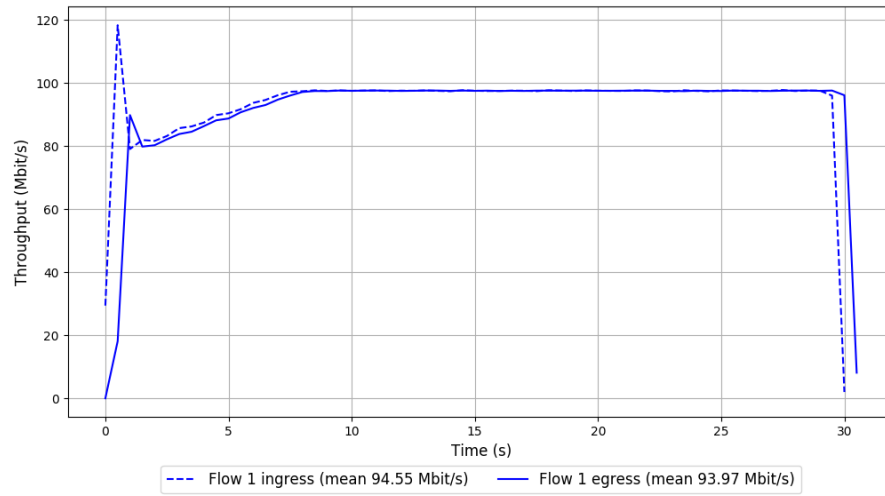


Run 1: Statistics of TCP Vegas

Start at: 2019-03-18 19:33:08
End at: 2019-03-18 19:33:38
Local clock offset: 0.794 ms
Remote clock offset: -3.614 ms

Below is generated by plot.py at 2019-03-18 21:36:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.97 Mbit/s
95th percentile per-packet one-way delay: 32.169 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 93.97 Mbit/s
95th percentile per-packet one-way delay: 32.169 ms
Loss rate: 0.61%

Run 1: Report of TCP Vegas — Data Link

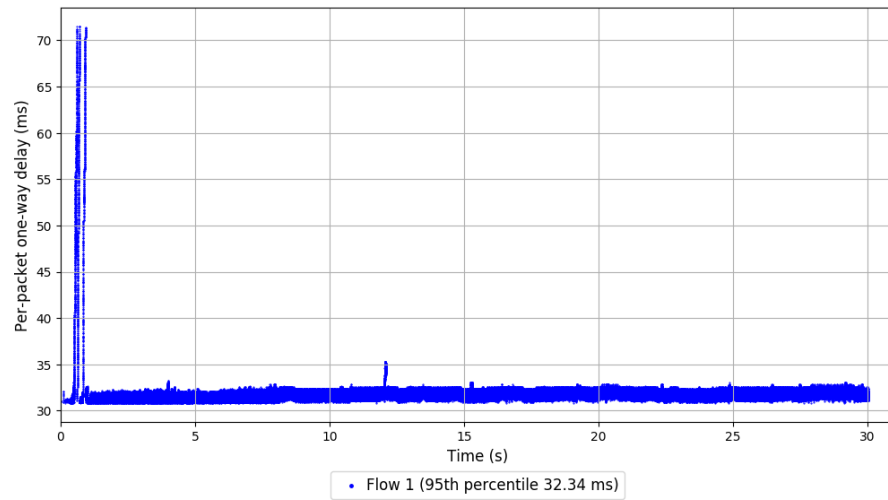
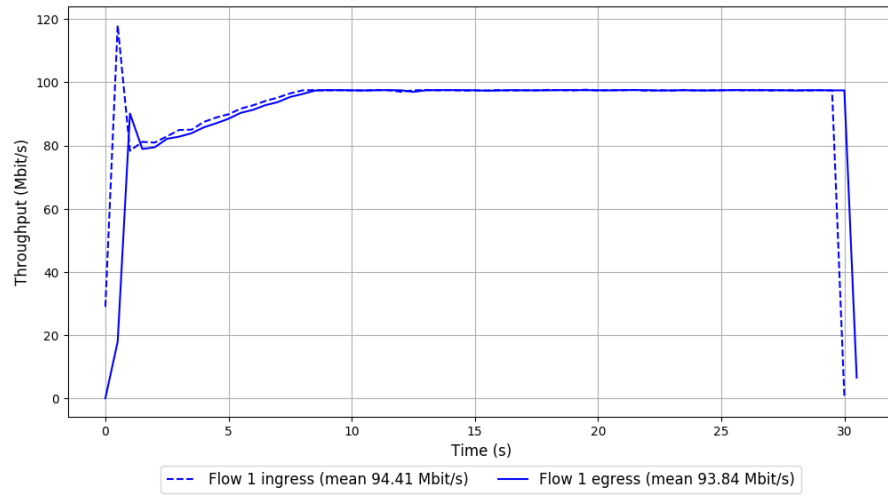


Run 2: Statistics of TCP Vegas

Start at: 2019-03-18 19:57:27
End at: 2019-03-18 19:57:57
Local clock offset: 0.476 ms
Remote clock offset: -2.651 ms

Below is generated by plot.py at 2019-03-18 21:36:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.84 Mbit/s
95th percentile per-packet one-way delay: 32.344 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 93.84 Mbit/s
95th percentile per-packet one-way delay: 32.344 ms
Loss rate: 0.60%

Run 2: Report of TCP Vegas — Data Link

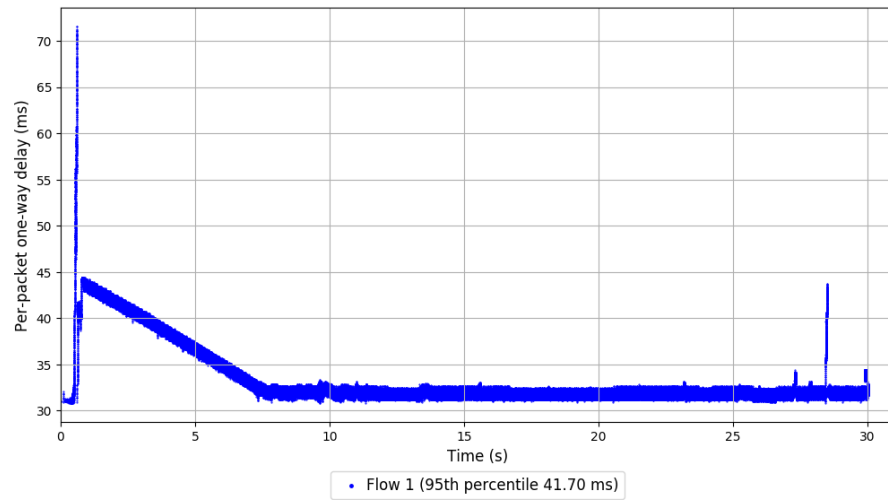
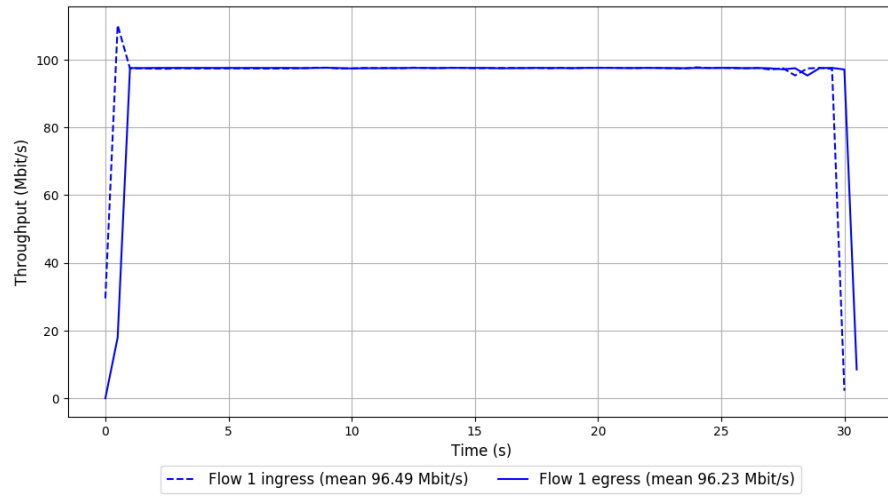


Run 3: Statistics of TCP Vegas

Start at: 2019-03-18 20:21:43
End at: 2019-03-18 20:22:13
Local clock offset: 0.265 ms
Remote clock offset: -2.063 ms

Below is generated by plot.py at 2019-03-18 21:36:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.23 Mbit/s
95th percentile per-packet one-way delay: 41.703 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 96.23 Mbit/s
95th percentile per-packet one-way delay: 41.703 ms
Loss rate: 0.27%

Run 3: Report of TCP Vegas — Data Link

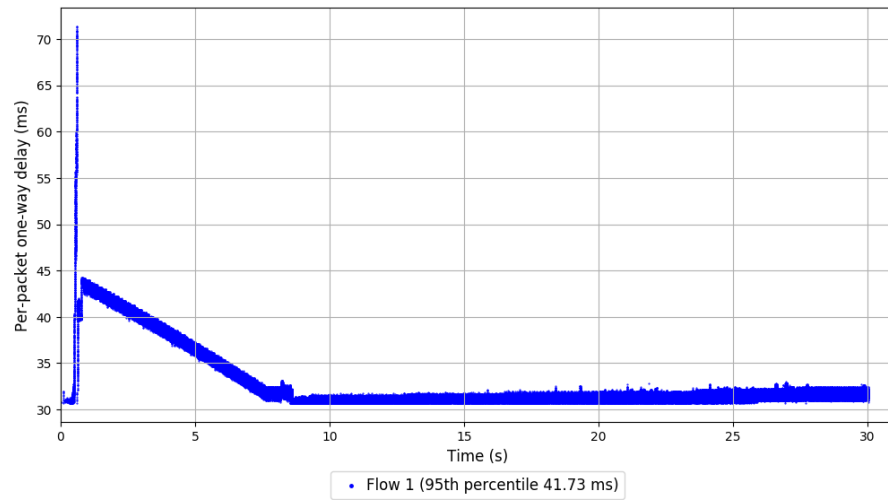
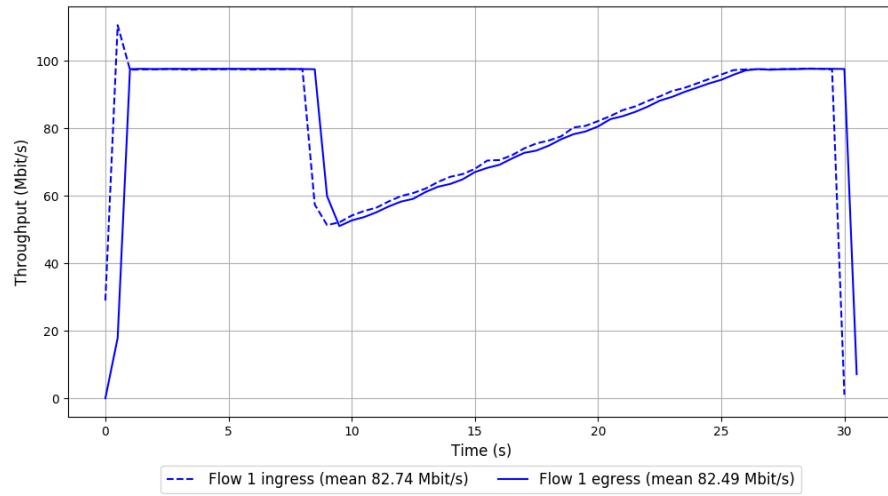


Run 4: Statistics of TCP Vegas

Start at: 2019-03-18 20:46:08
End at: 2019-03-18 20:46:38
Local clock offset: 0.166 ms
Remote clock offset: -1.908 ms

Below is generated by plot.py at 2019-03-18 21:36:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.49 Mbit/s
95th percentile per-packet one-way delay: 41.729 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 82.49 Mbit/s
95th percentile per-packet one-way delay: 41.729 ms
Loss rate: 0.33%

Run 4: Report of TCP Vegas — Data Link

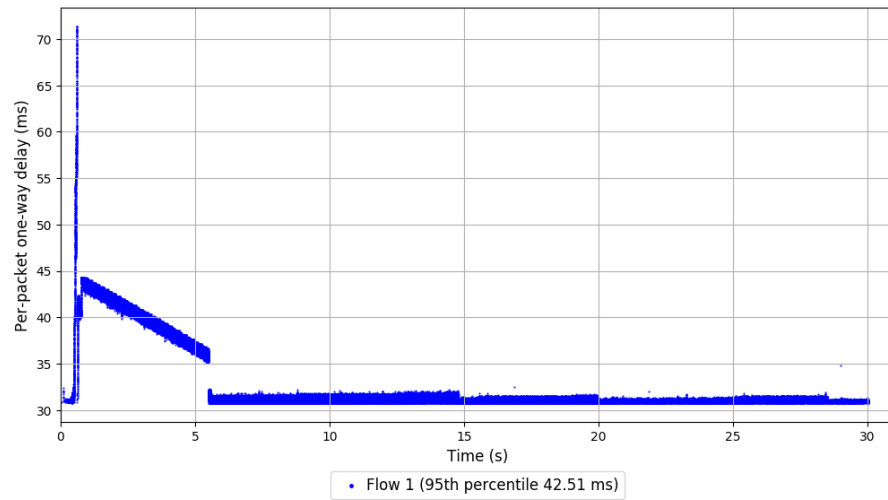
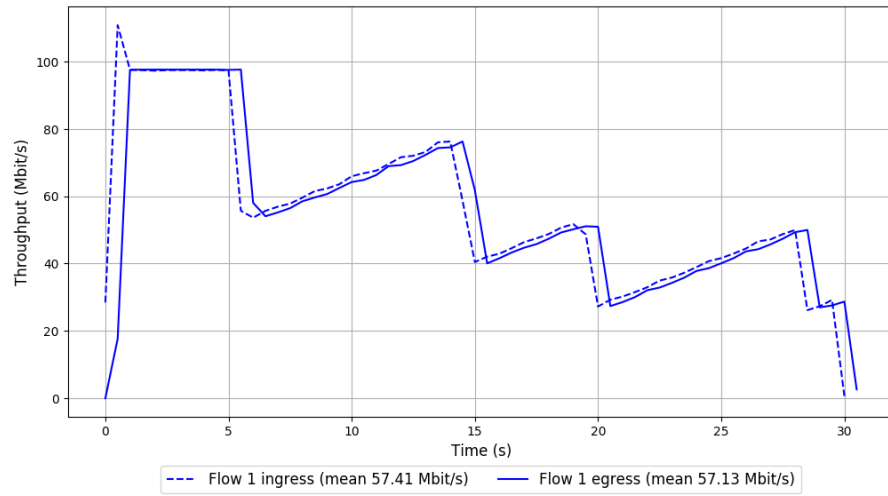


Run 5: Statistics of TCP Vegas

Start at: 2019-03-18 21:10:24
End at: 2019-03-18 21:10:54
Local clock offset: 0.549 ms
Remote clock offset: -1.762 ms

Below is generated by plot.py at 2019-03-18 21:36:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 57.13 Mbit/s
95th percentile per-packet one-way delay: 42.506 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 57.13 Mbit/s
95th percentile per-packet one-way delay: 42.506 ms
Loss rate: 0.48%

Run 5: Report of TCP Vegas — Data Link

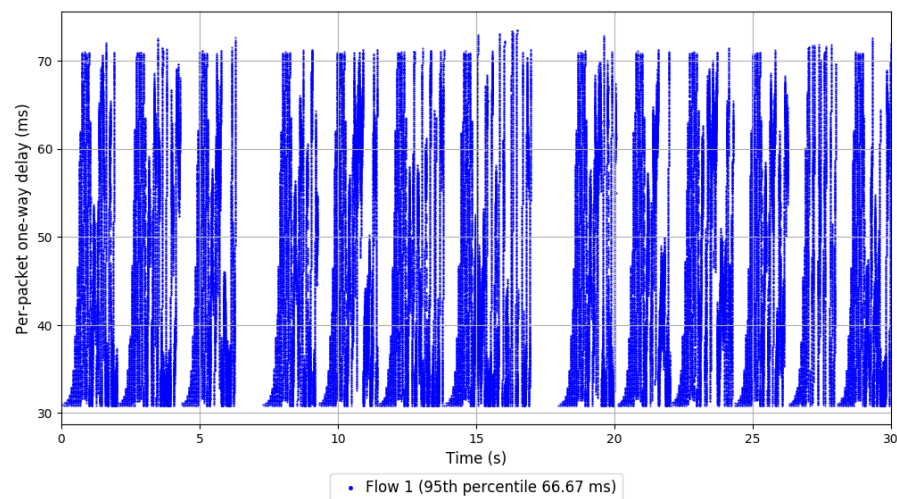
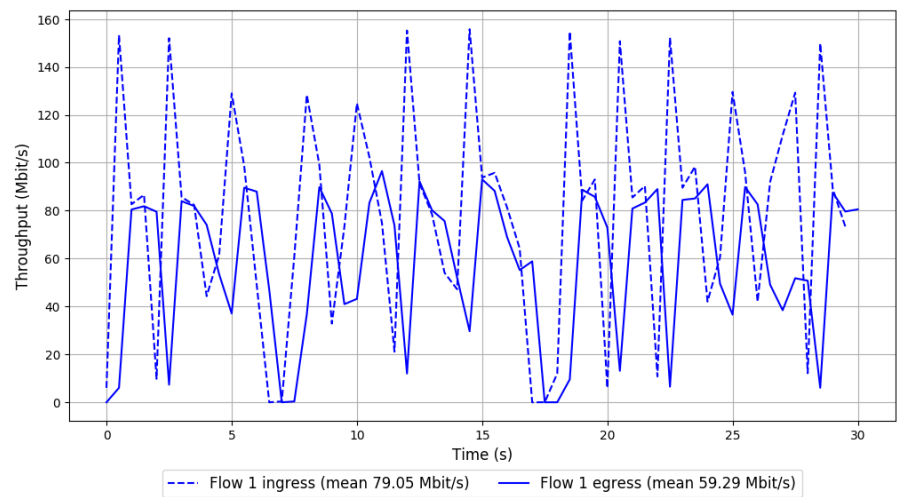


Run 1: Statistics of Verus

Start at: 2019-03-18 19:34:18
End at: 2019-03-18 19:34:48
Local clock offset: 0.798 ms
Remote clock offset: -3.367 ms

Below is generated by plot.py at 2019-03-18 21:36:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 59.29 Mbit/s
95th percentile per-packet one-way delay: 66.668 ms
Loss rate: 24.90%
-- Flow 1:
Average throughput: 59.29 Mbit/s
95th percentile per-packet one-way delay: 66.668 ms
Loss rate: 24.90%

Run 1: Report of Verus — Data Link

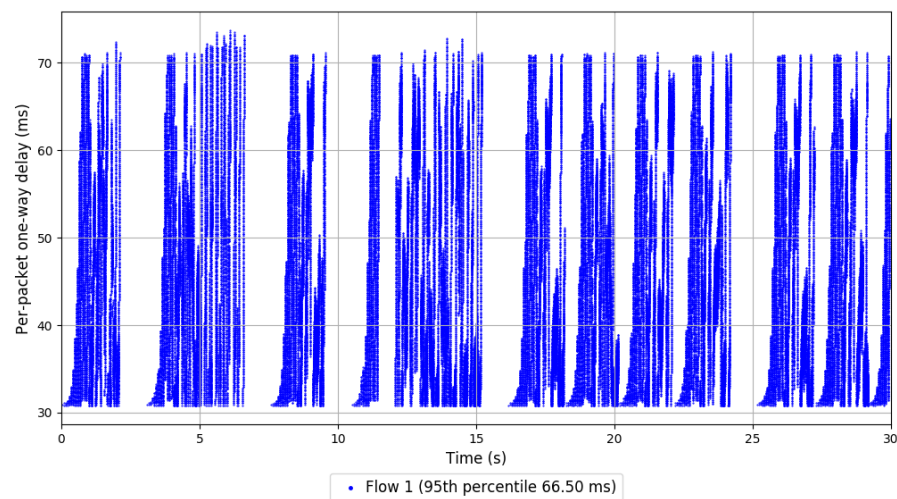
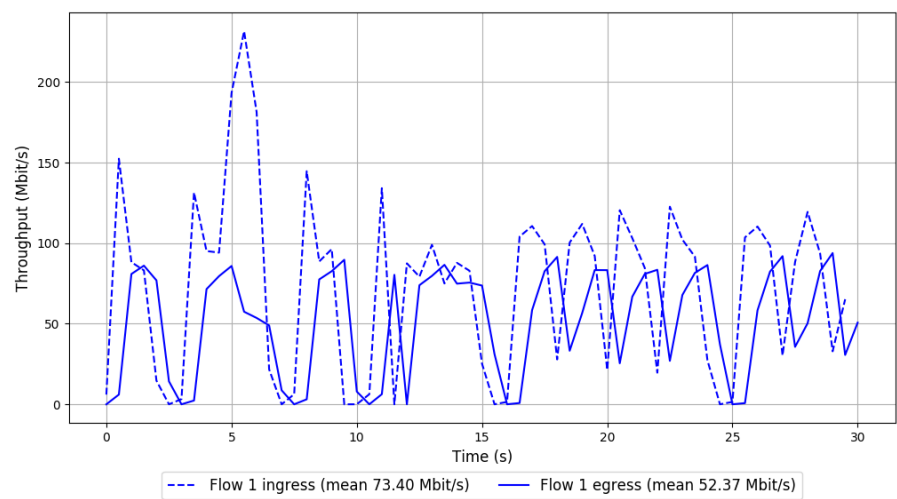


Run 2: Statistics of Verus

Start at: 2019-03-18 19:58:38
End at: 2019-03-18 19:59:08
Local clock offset: 0.437 ms
Remote clock offset: -2.6 ms

Below is generated by plot.py at 2019-03-18 21:37:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 52.37 Mbit/s
95th percentile per-packet one-way delay: 66.497 ms
Loss rate: 28.57%
-- Flow 1:
Average throughput: 52.37 Mbit/s
95th percentile per-packet one-way delay: 66.497 ms
Loss rate: 28.57%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2019-03-18 20:22:54

End at: 2019-03-18 20:23:24

Local clock offset: 0.234 ms

Remote clock offset: -2.01 ms

Below is generated by plot.py at 2019-03-18 21:37:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 56.47 Mbit/s

95th percentile per-packet one-way delay: 66.224 ms

Loss rate: 23.17%

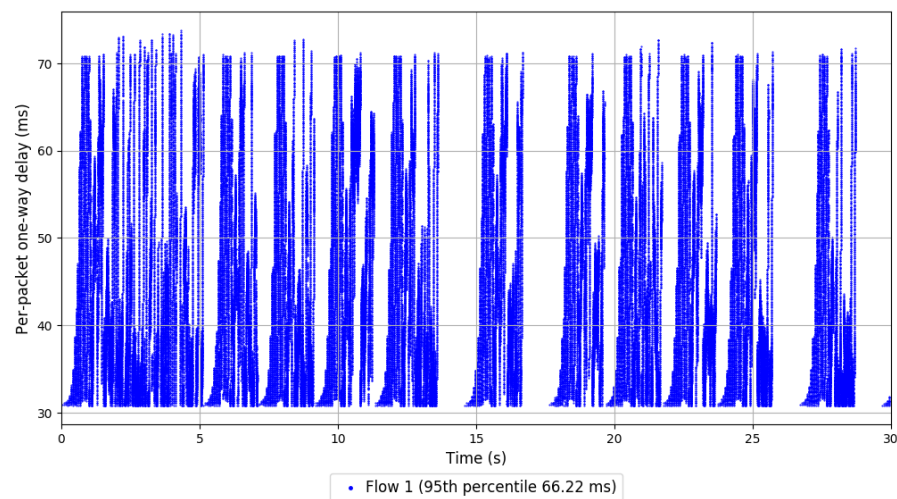
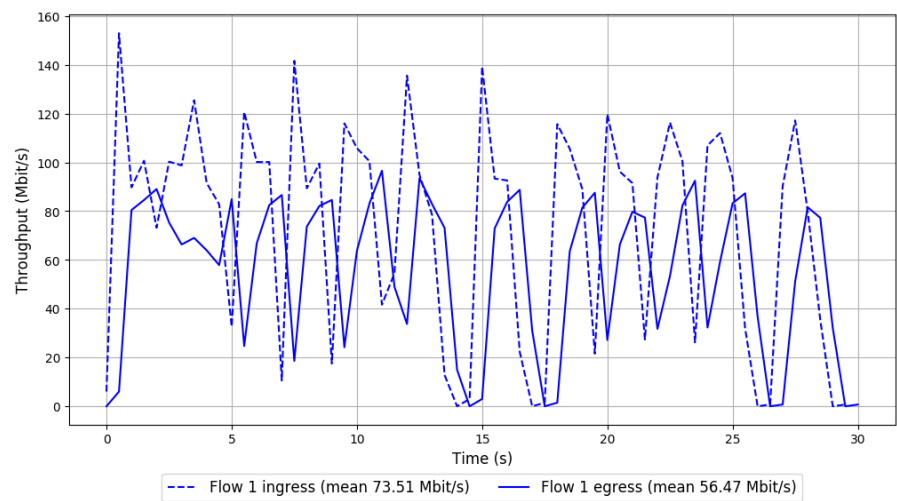
-- Flow 1:

Average throughput: 56.47 Mbit/s

95th percentile per-packet one-way delay: 66.224 ms

Loss rate: 23.17%

Run 3: Report of Verus — Data Link

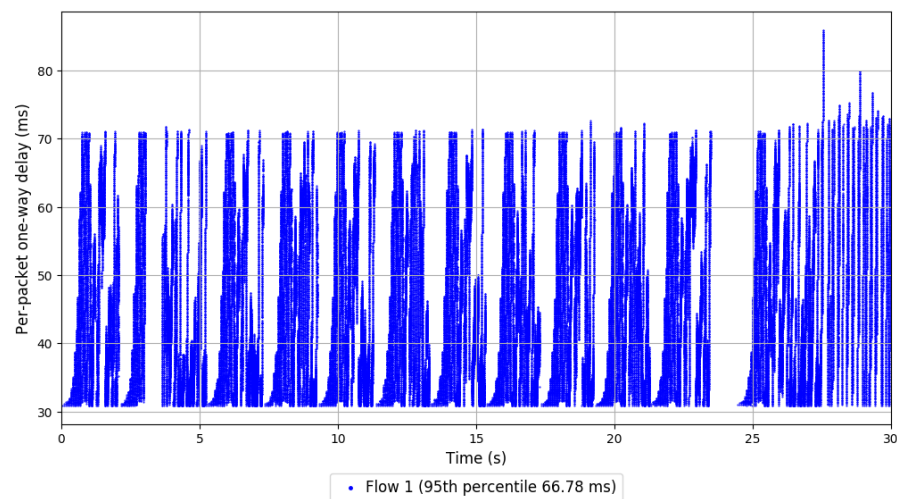
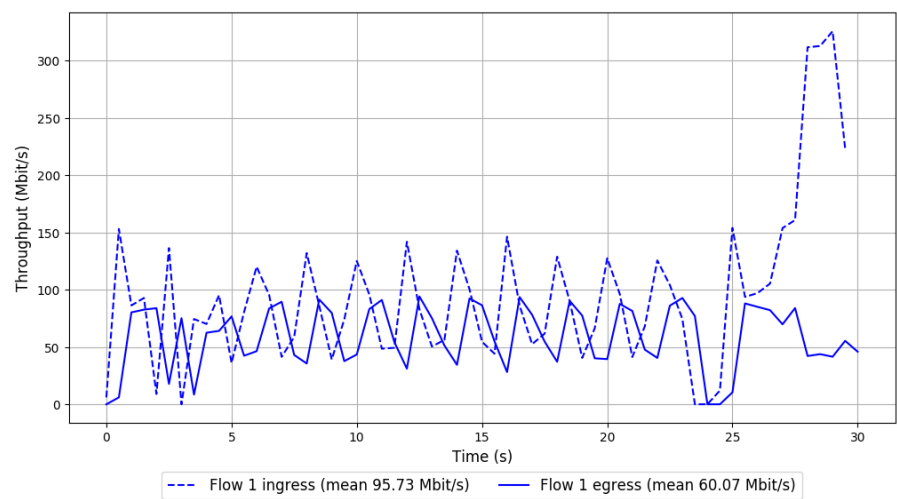


Run 4: Statistics of Verus

Start at: 2019-03-18 20:47:19
End at: 2019-03-18 20:47:49
Local clock offset: 0.203 ms
Remote clock offset: -1.663 ms

Below is generated by plot.py at 2019-03-18 21:37:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.07 Mbit/s
95th percentile per-packet one-way delay: 66.775 ms
Loss rate: 37.18%
-- Flow 1:
Average throughput: 60.07 Mbit/s
95th percentile per-packet one-way delay: 66.775 ms
Loss rate: 37.18%

Run 4: Report of Verus — Data Link

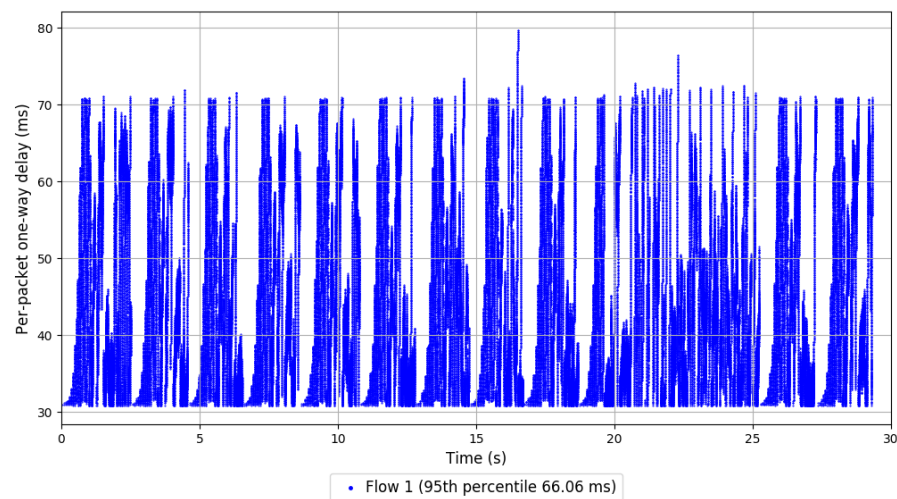
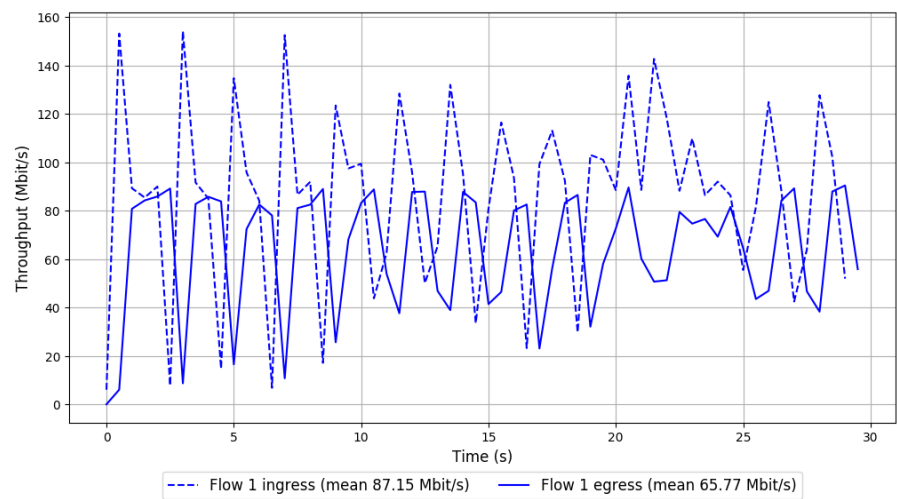


Run 5: Statistics of Verus

Start at: 2019-03-18 21:11:33
End at: 2019-03-18 21:12:03
Local clock offset: 0.581 ms
Remote clock offset: -1.609 ms

Below is generated by plot.py at 2019-03-18 21:37:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.77 Mbit/s
95th percentile per-packet one-way delay: 66.059 ms
Loss rate: 24.47%
-- Flow 1:
Average throughput: 65.77 Mbit/s
95th percentile per-packet one-way delay: 66.059 ms
Loss rate: 24.47%

Run 5: Report of Verus — Data Link

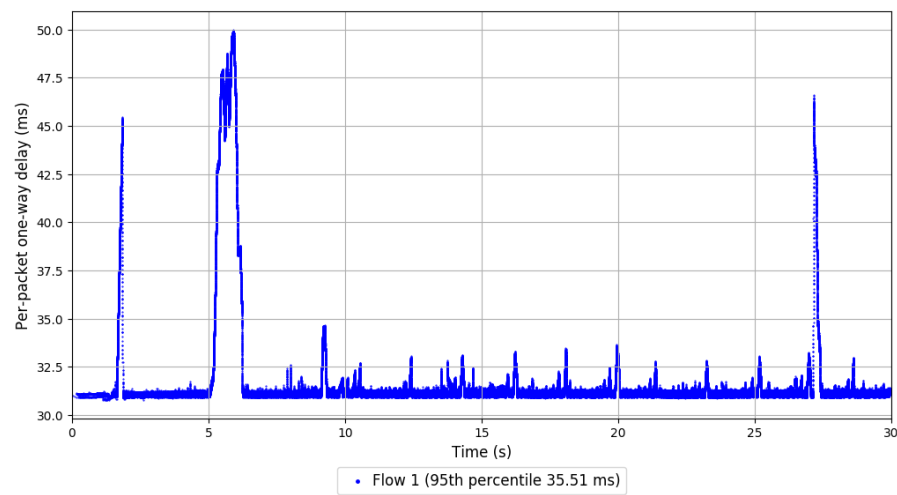
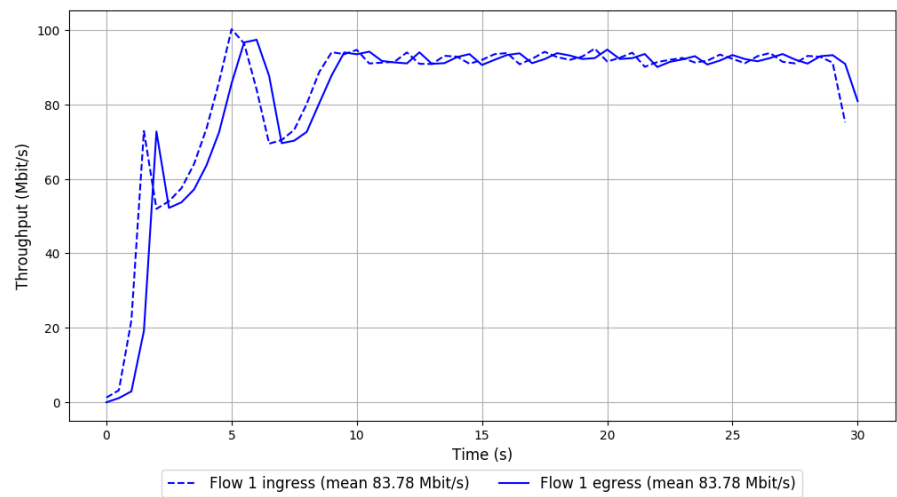


Run 1: Statistics of PCC-Vivace

Start at: 2019-03-18 19:43:31
End at: 2019-03-18 19:44:01
Local clock offset: 0.979 ms
Remote clock offset: -2.995 ms

Below is generated by plot.py at 2019-03-18 21:37:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.78 Mbit/s
95th percentile per-packet one-way delay: 35.510 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 83.78 Mbit/s
95th percentile per-packet one-way delay: 35.510 ms
Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2019-03-18 20:07:50

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

Local clock offset: 0.4 ms

Remote clock offset: -2.561 ms

Below is generated by plot.py at 2019-03-18 21:37:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.96 Mbit/s

95th percentile per-packet one-way delay: 35.937 ms

Loss rate: 0.02%

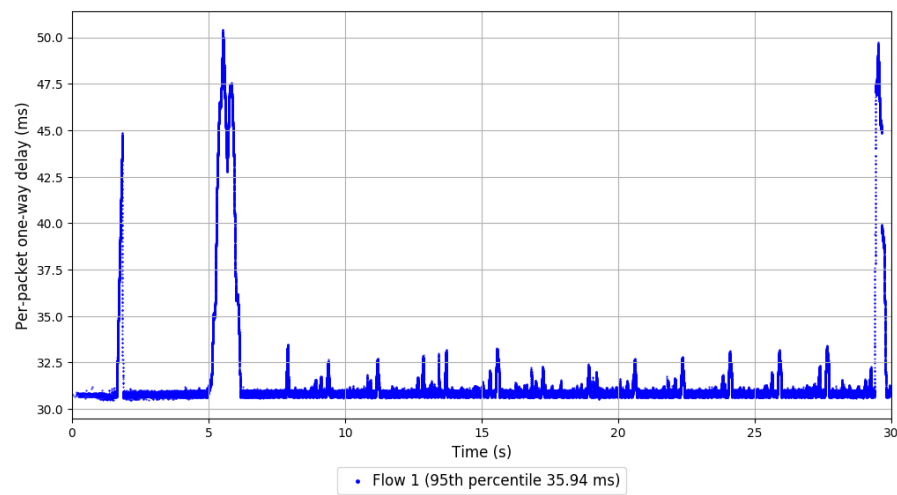
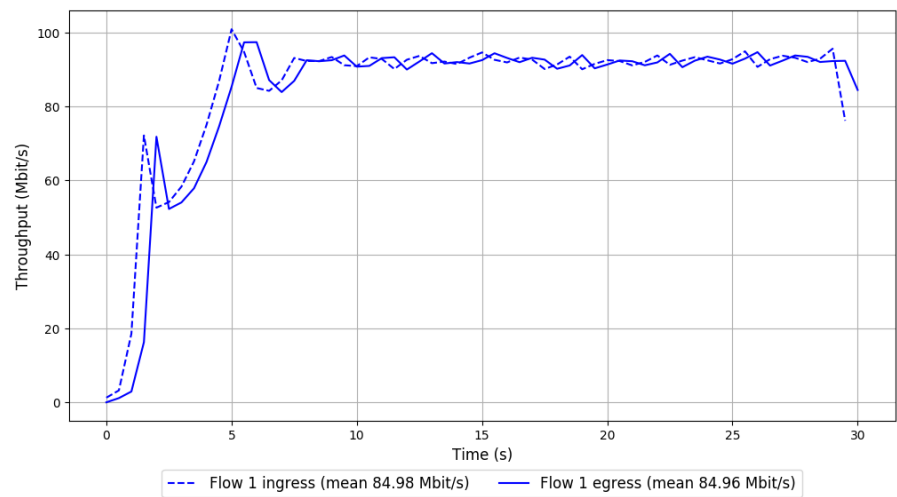
-- Flow 1:

Average throughput: 84.96 Mbit/s

95th percentile per-packet one-way delay: 35.937 ms

Loss rate: 0.02%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2019-03-18 20:32:08

End at: 2019-03-18 20:32:38

Local clock offset: 0.15 ms

Remote clock offset: -1.797 ms

Below is generated by plot.py at 2019-03-18 21:37:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.51 Mbit/s

95th percentile per-packet one-way delay: 32.592 ms

Loss rate: 0.00%

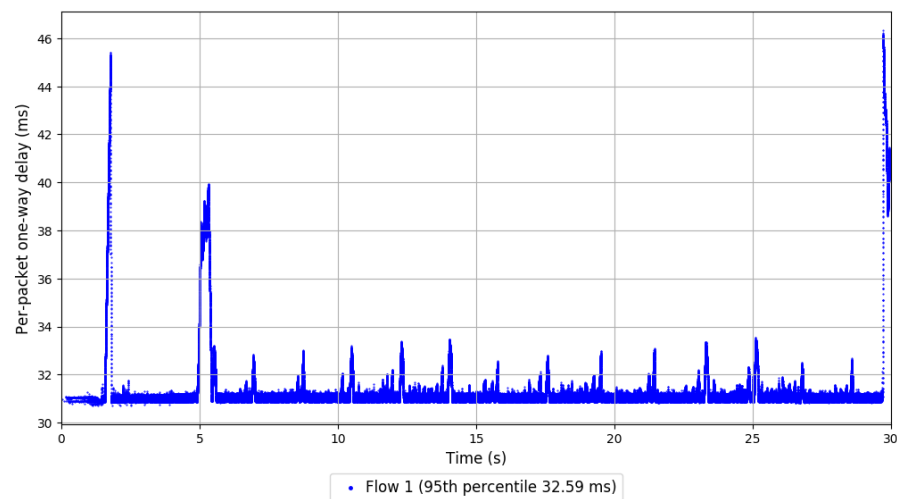
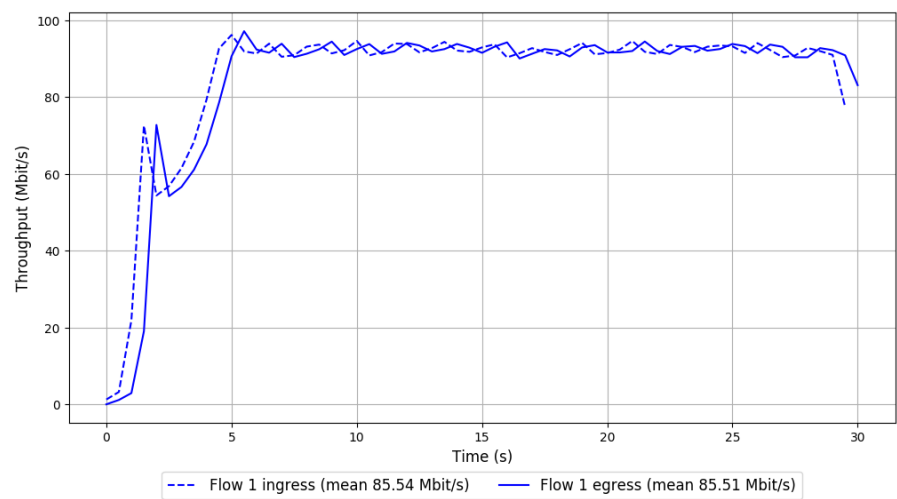
-- Flow 1:

Average throughput: 85.51 Mbit/s

95th percentile per-packet one-way delay: 32.592 ms

Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link



Run 4: Statistics of PCC-Vivace

Start at: 2019-03-18 20:56:33

End at: 2019-03-18 20:57:03

Local clock offset: 0.437 ms

Remote clock offset: -1.659 ms

Below is generated by plot.py at 2019-03-18 21:37:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.72 Mbit/s

95th percentile per-packet one-way delay: 32.712 ms

Loss rate: 0.00%

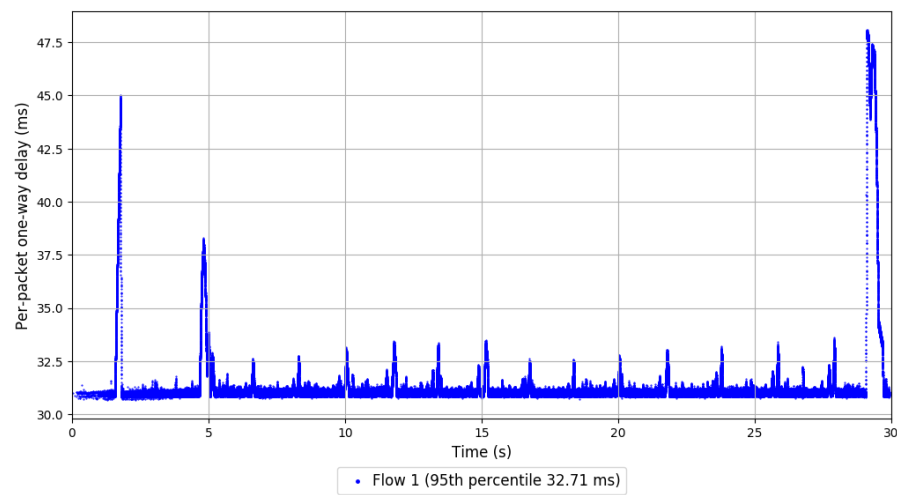
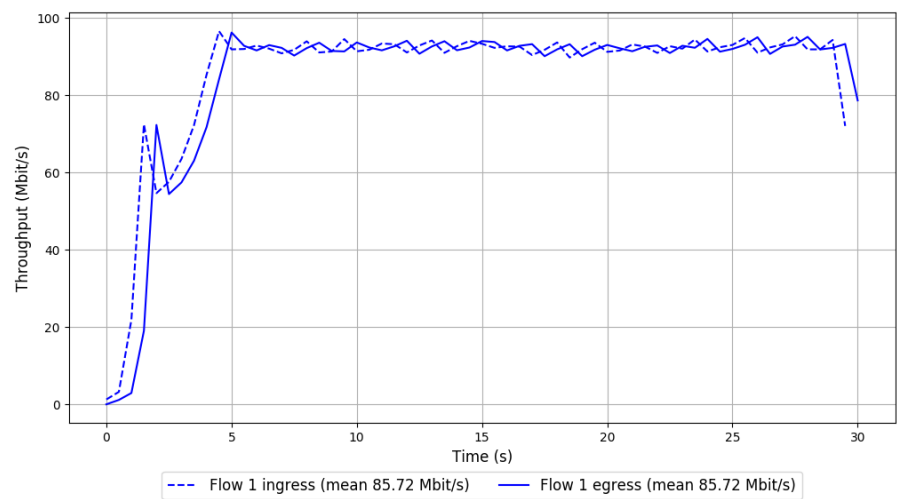
-- Flow 1:

Average throughput: 85.72 Mbit/s

95th percentile per-packet one-way delay: 32.712 ms

Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2019-03-18 21:20:47

End at: 2019-03-18 21:21:17

Local clock offset: 0.485 ms

Remote clock offset: -1.802 ms

Below is generated by plot.py at 2019-03-18 21:37:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.96 Mbit/s

95th percentile per-packet one-way delay: 33.219 ms

Loss rate: 0.00%

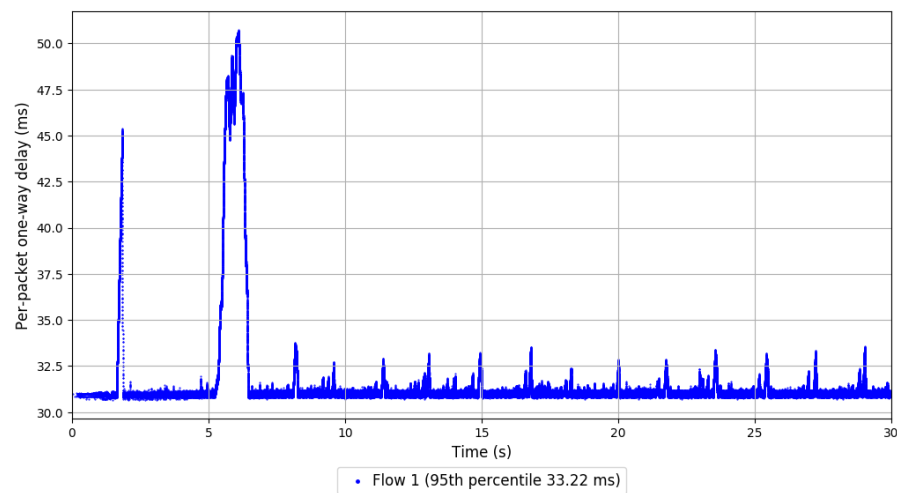
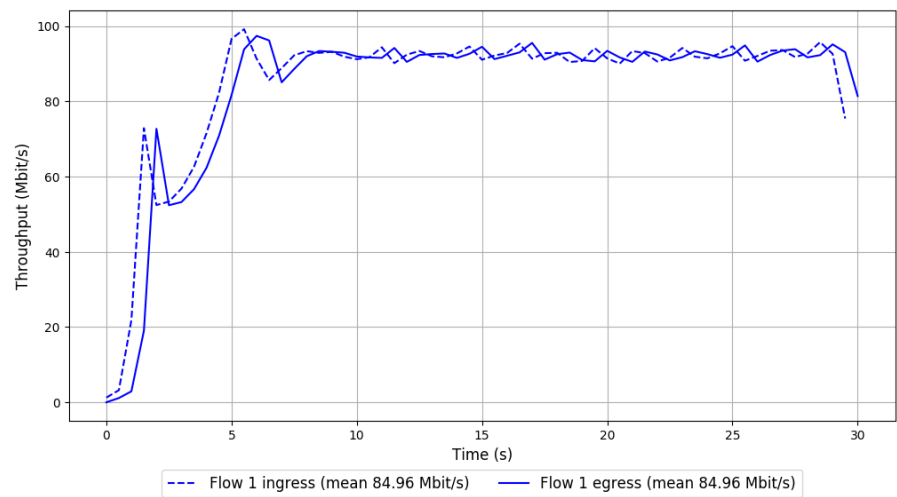
-- Flow 1:

Average throughput: 84.96 Mbit/s

95th percentile per-packet one-way delay: 33.219 ms

Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link

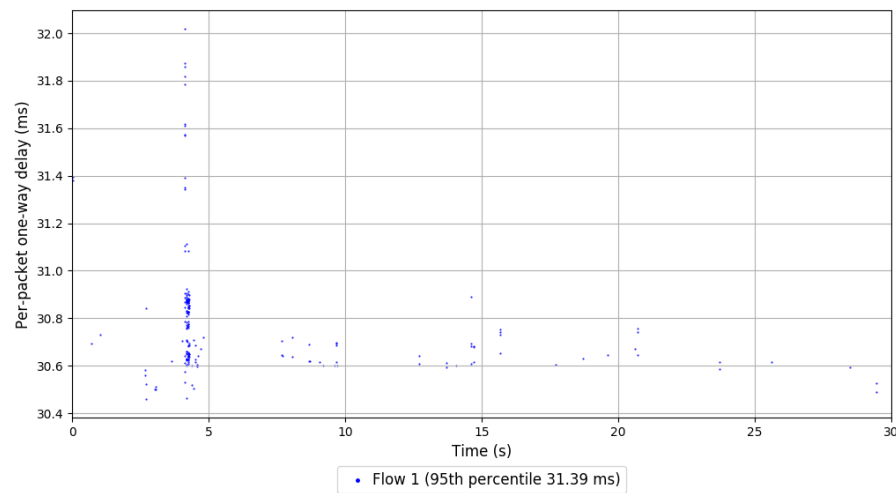
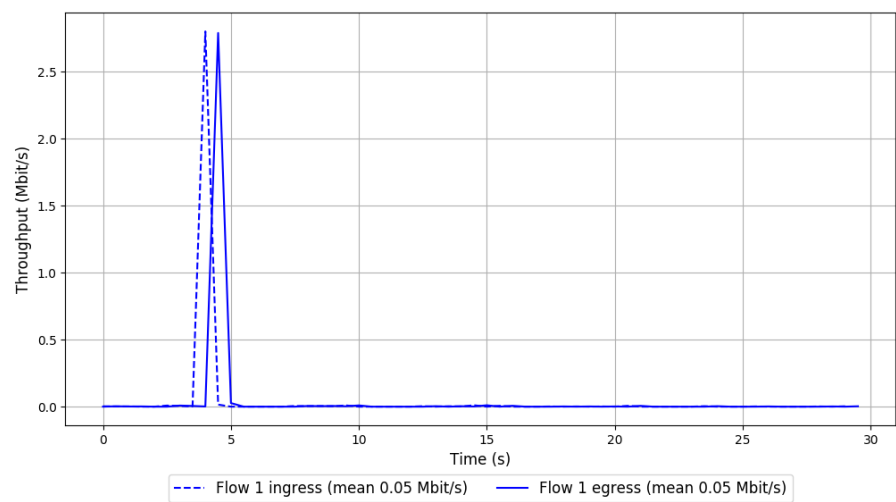


Run 1: Statistics of WebRTC media

Start at: 2019-03-18 19:29:41
End at: 2019-03-18 19:30:11
Local clock offset: 0.785 ms
Remote clock offset: -3.729 ms

Below is generated by plot.py at 2019-03-18 21:37:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.392 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.392 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2019-03-18 19:53:55

End at: 2019-03-18 19:54:25

Local clock offset: 0.567 ms

Remote clock offset: -2.93 ms

Below is generated by plot.py at 2019-03-18 21:37:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 31.379 ms

Loss rate: 0.00%

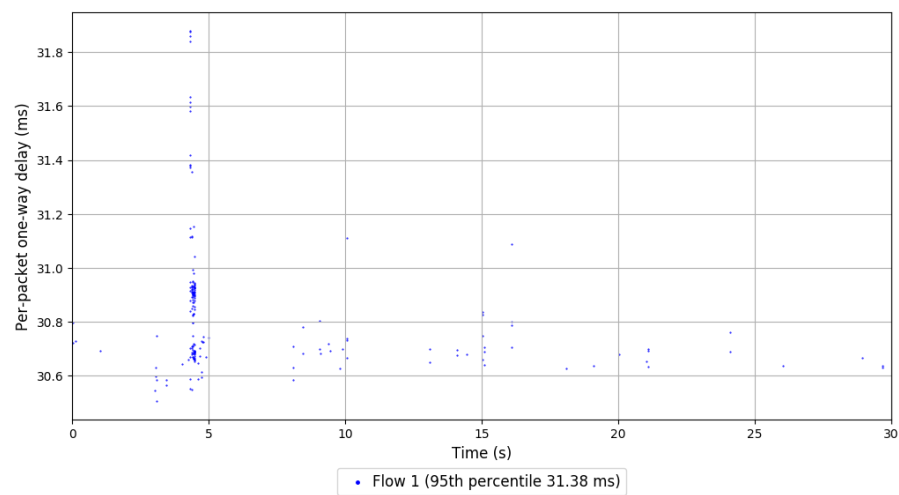
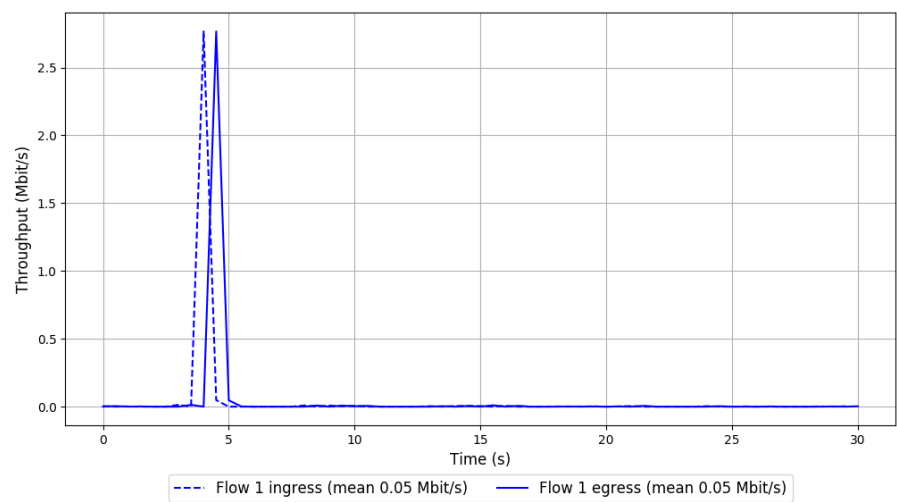
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 31.379 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

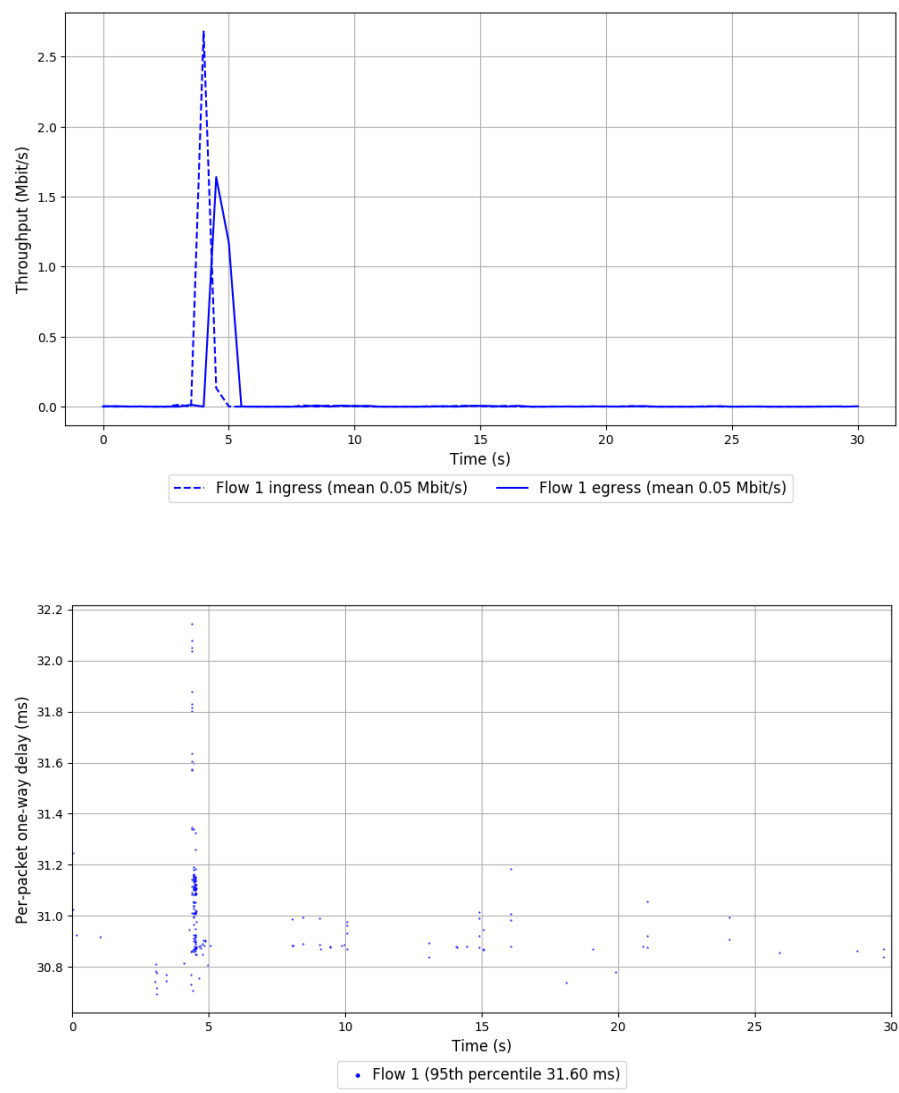


Run 3: Statistics of WebRTC media

Start at: 2019-03-18 20:18:16
End at: 2019-03-18 20:18:46
Local clock offset: 0.364 ms
Remote clock offset: -2.084 ms

Below is generated by plot.py at 2019-03-18 21:37:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.597 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.597 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

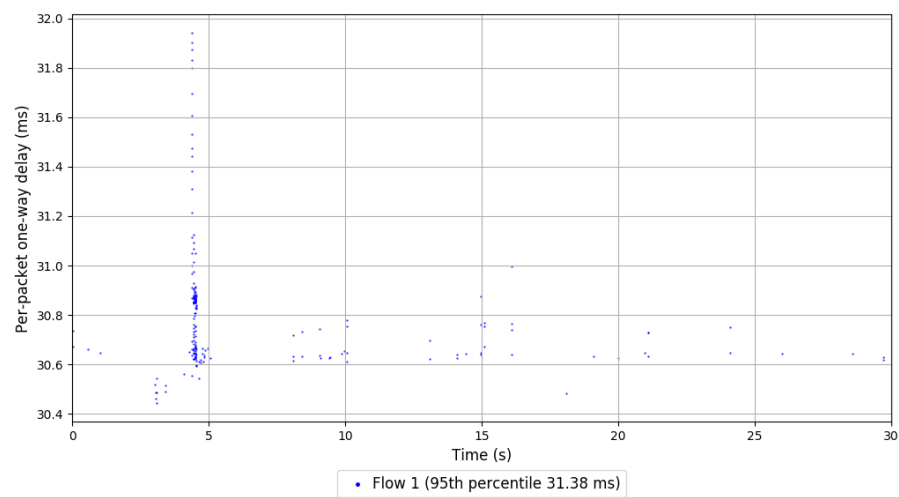
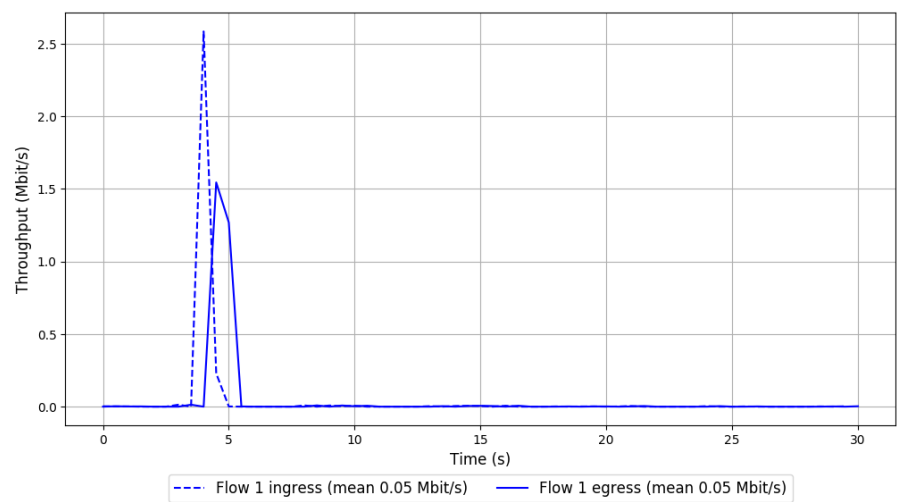


Run 4: Statistics of WebRTC media

Start at: 2019-03-18 20:42:37
End at: 2019-03-18 20:43:07
Local clock offset: 0.166 ms
Remote clock offset: -1.918 ms

Below is generated by plot.py at 2019-03-18 21:37:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.379 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.379 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-03-18 21:06:57
End at: 2019-03-18 21:07:27
Local clock offset: 0.565 ms
Remote clock offset: -1.534 ms

Below is generated by plot.py at 2019-03-18 21:37:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.716 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.716 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

