

Pantheon Report

Generated at 2020-02-18 09:53:36 (UTC).

Data path: GCE Sydney on **ens4** (*local*) → GCE Iowa on **ens4** (*remote*).

Repeated the test of 24 congestion control schemes 5 times.

Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.

NTP offsets were measured against `time.google.com` and have been applied to correct the timestamps in logs.

System info:

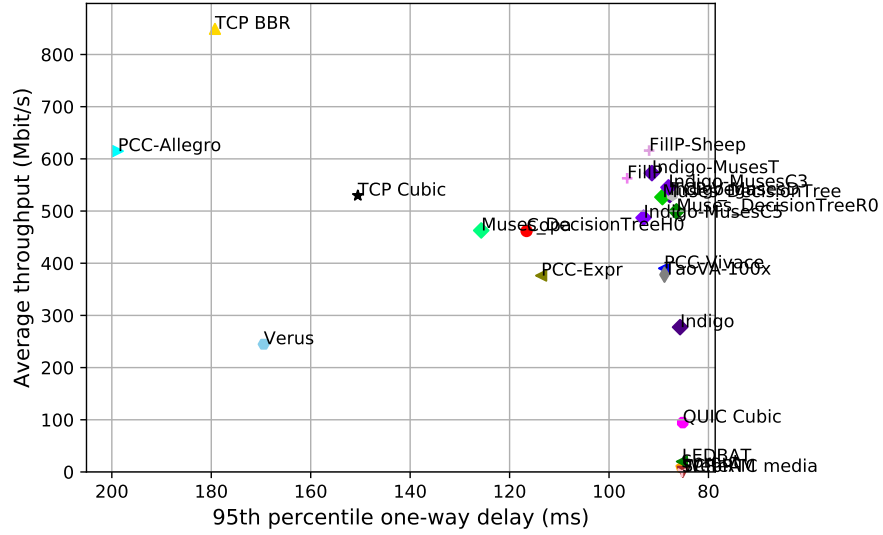
```
Linux 5.0.0-1026-gcp
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

Git summary:

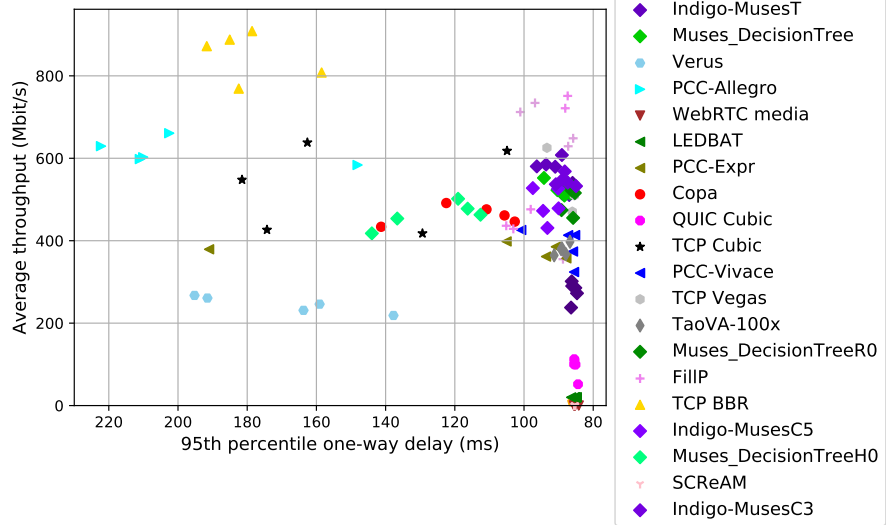
```
branch: muses @ de42328552b3776a75a932a94dfafd722537b0ec
third_party/fillp @ d6da1459332fcee56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecd90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/muses @ 5ce721187ad823da20955337730c746486ca4966
third_party/muses_dtree @ 387225f7b5f61ddbe92d708a8869ffbb84eb3200
third_party/pantheon-tunnel @ f866d3f58d27afd942717625ee3a354cc2e802bd
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
  M src/ScreamClient
  M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
```

```
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

test from GCE Sydney to GCE Iowa, 5 runs of 30s each per scheme
3 flows with 10s interval between flows (mean of all runs by scheme)



test from GCE Sydney to GCE Iowa, 5 runs of 30s each per scheme
3 flows with 10s interval between flows



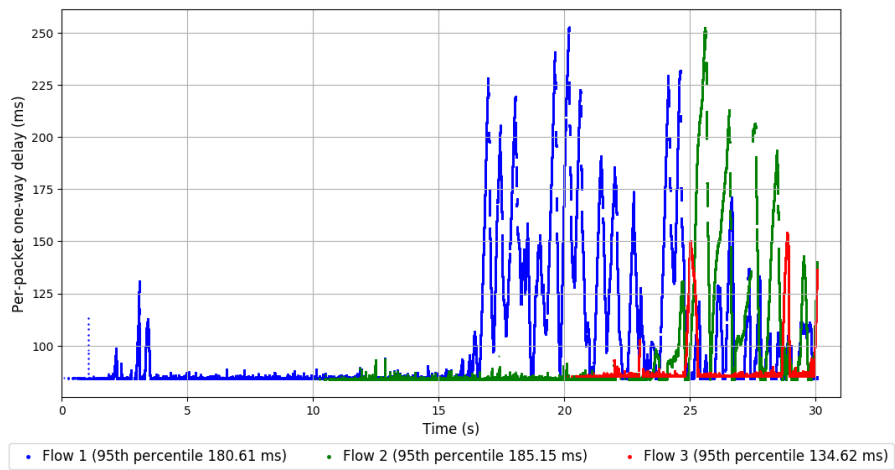
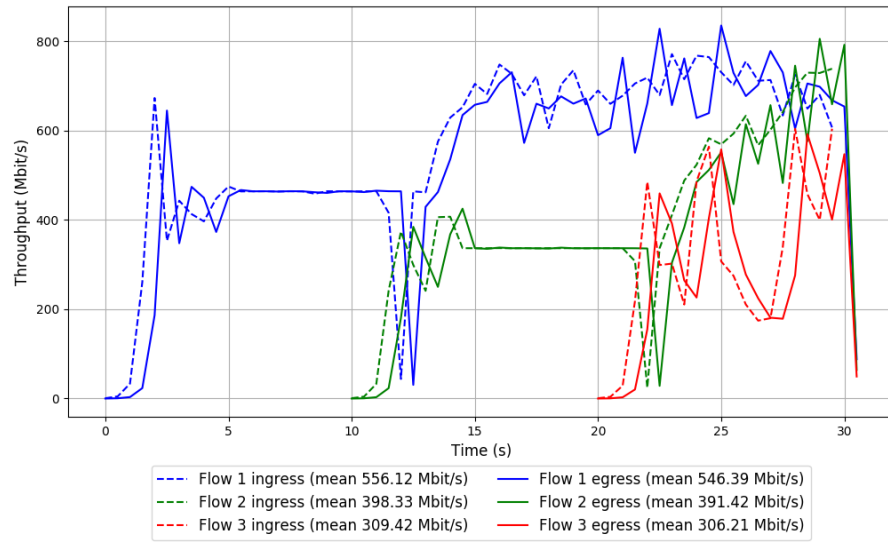
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	5	469.82	422.16	296.22	175.47	178.33	166.67	1.38	1.15	0.90
Copa	5	264.02	215.72	163.09	114.17	120.19	94.10	0.00	0.00	0.00
TCP Cubic	5	275.24	293.58	176.95	148.25	149.84	91.40	0.25	0.31	0.06
FillP	5	275.18	306.43	252.58	104.49	86.56	87.53	0.00	0.00	0.00
FillP-Sheep	5	345.09	294.53	225.65	99.00	86.62	88.14	0.18	0.00	0.01
Indigo	5	144.60	144.63	115.94	85.28	86.42	85.20	0.00	0.00	0.00
Indigo-MusesC3	5	332.34	262.66	186.51	89.02	87.03	85.79	0.00	0.00	0.00
Indigo-MusesC5	5	316.75	233.36	96.69	96.71	89.73	84.90	0.00	0.00	0.00
Indigo-MusesD	4	337.13	266.83	100.27	87.83	87.80	85.69	0.02	0.04	0.16
Indigo-MusesT	5	348.90	295.30	145.63	93.52	89.43	85.18	0.00	0.00	0.00
LEDBAT	5	13.04	8.30	4.26	85.39	84.94	85.11	0.00	0.00	0.00
Muses_DecisionTree	5	321.45	230.66	158.58	92.44	85.35	85.49	0.00	0.00	0.00
Muses_DecisionTreeH0	5	247.86	238.20	182.19	136.55	102.03	86.33	0.03	0.00	0.00
Muses_DecisionTreeR0	5	299.61	232.05	146.26	87.15	85.16	85.58	0.00	0.00	0.00
PCC-Allegro	5	356.51	284.71	210.28	202.66	169.63	145.42	2.64	0.82	0.17
PCC-Expr	5	212.02	189.85	115.65	117.76	92.01	85.95	0.26	0.01	0.01
QUIC Cubic	5	43.51	55.93	43.15	84.99	84.57	84.61	0.00	0.00	0.00
SCReAM	5	0.22	0.22	0.22	85.07	84.53	84.90	0.00	0.00	0.00
Sprout	5	4.62	4.25	3.84	85.05	85.36	85.11	0.00	0.00	0.00
TaoVA-100x	5	200.98	187.04	157.78	87.49	90.42	89.58	0.00	0.00	0.04
TCP Vegas	5	270.84	246.58	287.07	86.44	85.20	94.55	0.00	0.00	0.00
Verus	5	154.75	114.00	44.92	172.35	156.00	97.98	0.14	0.08	0.01
PCC-Vivace	5	220.43	189.27	133.05	96.52	86.19	86.30	0.00	0.00	0.00
WebRTC media	5	0.05	0.09	0.18	84.66	84.95	84.70	0.00	0.00	0.00

Run 1: Statistics of TCP BBR

Start at: 2020-02-18 03:18:28
End at: 2020-02-18 03:18:58
Local clock offset: -0.151 ms
Remote clock offset: -0.112 ms

Below is generated by plot.py at 2020-02-18 07:04:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 908.54 Mbit/s
95th percentile per-packet one-way delay: 178.600 ms
Loss rate: 1.66%
-- Flow 1:
Average throughput: 546.39 Mbit/s
95th percentile per-packet one-way delay: 180.610 ms
Loss rate: 1.75%
-- Flow 2:
Average throughput: 391.42 Mbit/s
95th percentile per-packet one-way delay: 185.146 ms
Loss rate: 1.73%
-- Flow 3:
Average throughput: 306.21 Mbit/s
95th percentile per-packet one-way delay: 134.616 ms
Loss rate: 1.03%

Run 1: Report of TCP BBR — Data Link

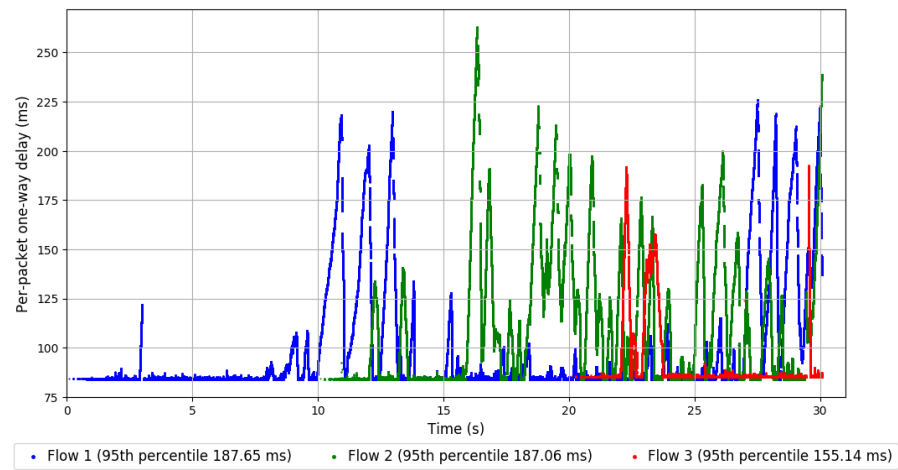
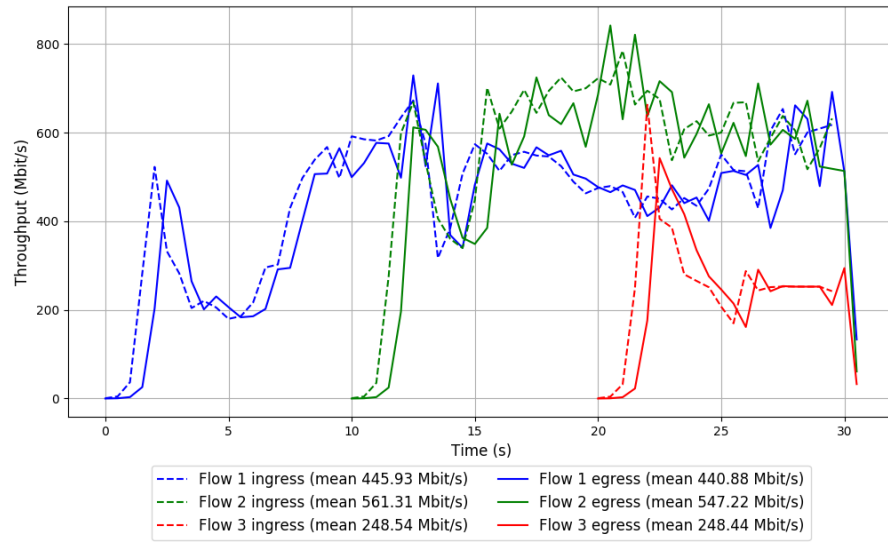


Run 2: Statistics of TCP BBR

Start at: 2020-02-18 03:59:12
End at: 2020-02-18 03:59:42
Local clock offset: -0.068 ms
Remote clock offset: -0.013 ms

Below is generated by plot.py at 2020-02-18 07:04:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 887.92 Mbit/s
95th percentile per-packet one-way delay: 185.051 ms
Loss rate: 1.60%
-- Flow 1:
Average throughput: 440.88 Mbit/s
95th percentile per-packet one-way delay: 187.649 ms
Loss rate: 1.13%
-- Flow 2:
Average throughput: 547.22 Mbit/s
95th percentile per-packet one-way delay: 187.063 ms
Loss rate: 2.50%
-- Flow 3:
Average throughput: 248.44 Mbit/s
95th percentile per-packet one-way delay: 155.139 ms
Loss rate: 0.04%

Run 2: Report of TCP BBR — Data Link

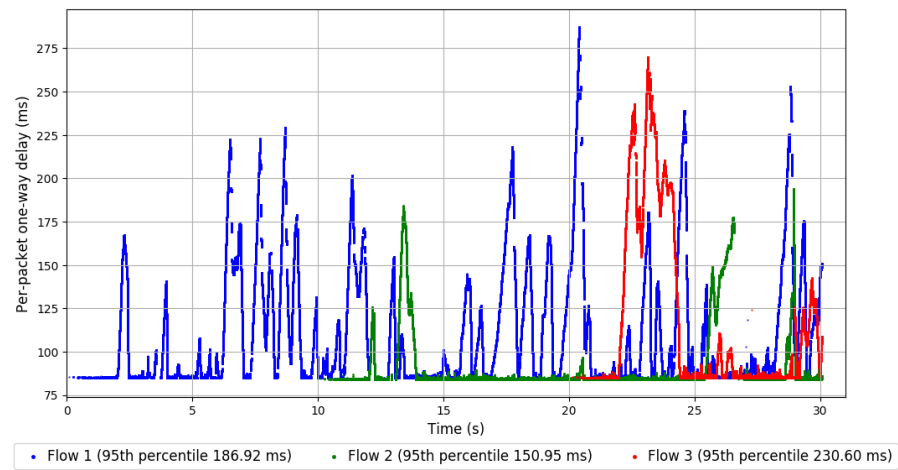
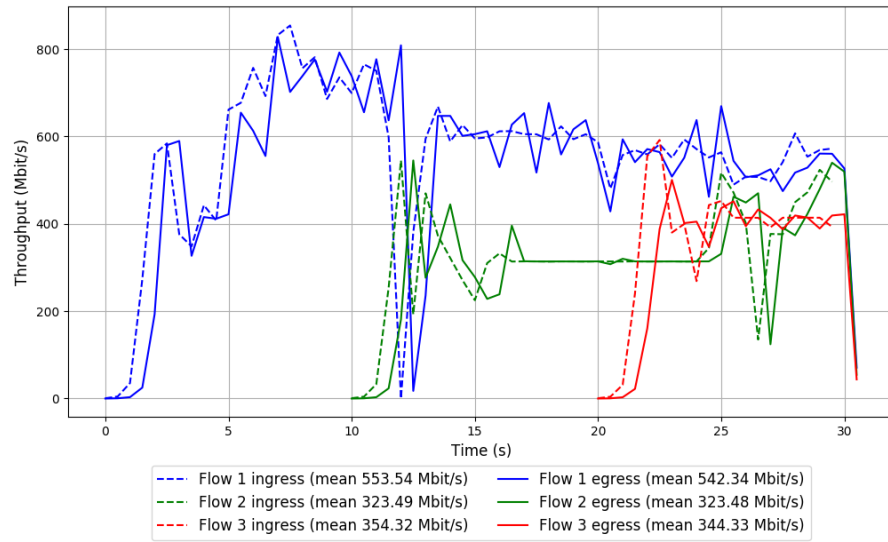


Run 3: Statistics of TCP BBR

Start at: 2020-02-18 04:39:23
End at: 2020-02-18 04:39:53
Local clock offset: -0.129 ms
Remote clock offset: -0.029 ms

Below is generated by plot.py at 2020-02-18 07:04:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 872.06 Mbit/s
95th percentile per-packet one-way delay: 191.687 ms
Loss rate: 1.64%
-- Flow 1:
Average throughput: 542.34 Mbit/s
95th percentile per-packet one-way delay: 186.924 ms
Loss rate: 2.02%
-- Flow 2:
Average throughput: 323.48 Mbit/s
95th percentile per-packet one-way delay: 150.950 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 344.33 Mbit/s
95th percentile per-packet one-way delay: 230.597 ms
Loss rate: 2.82%

Run 3: Report of TCP BBR — Data Link

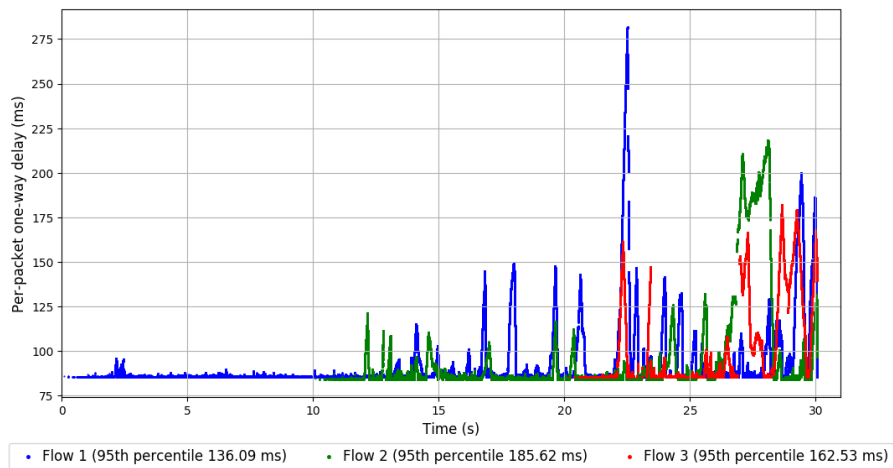
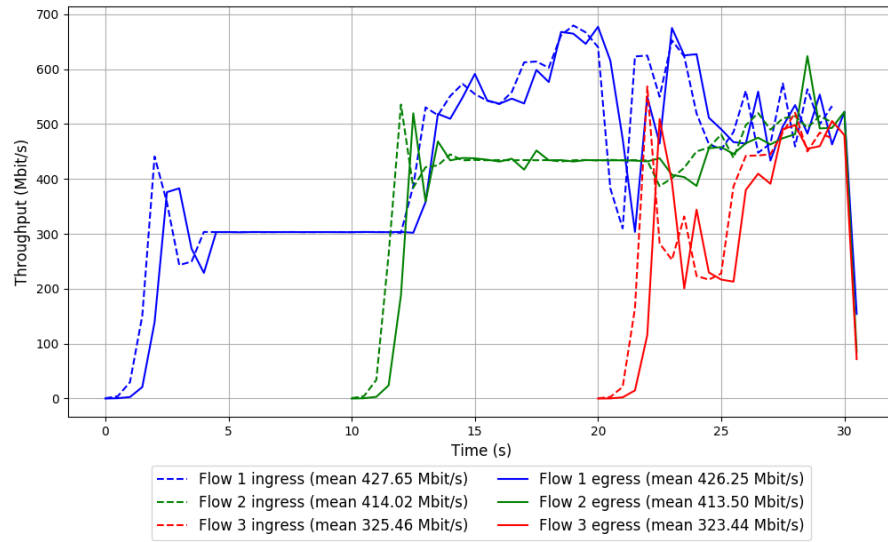


Run 4: Statistics of TCP BBR

Start at: 2020-02-18 05:19:42
End at: 2020-02-18 05:20:12
Local clock offset: -0.075 ms
Remote clock offset: -0.124 ms

Below is generated by plot.py at 2020-02-18 07:04:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 808.06 Mbit/s
95th percentile per-packet one-way delay: 158.497 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 426.25 Mbit/s
95th percentile per-packet one-way delay: 136.092 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 413.50 Mbit/s
95th percentile per-packet one-way delay: 185.621 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 323.44 Mbit/s
95th percentile per-packet one-way delay: 162.530 ms
Loss rate: 0.61%

Run 4: Report of TCP BBR — Data Link

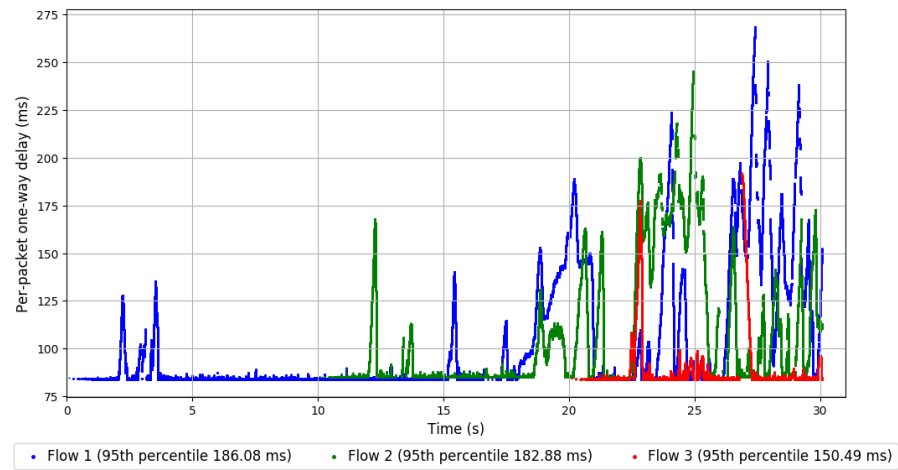
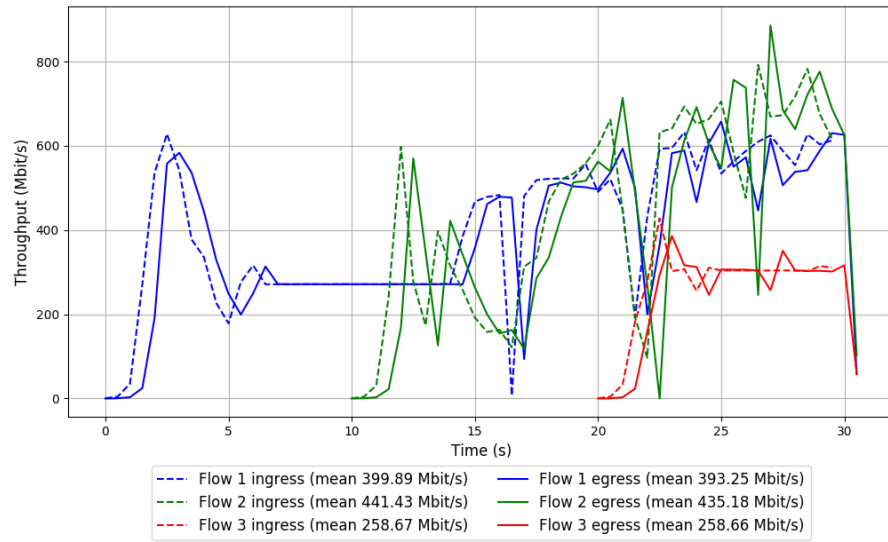


Run 5: Statistics of TCP BBR

Start at: 2020-02-18 06:00:20
End at: 2020-02-18 06:00:50
Local clock offset: -0.066 ms
Remote clock offset: -0.012 ms

Below is generated by plot.py at 2020-02-18 07:04:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 769.04 Mbit/s
95th percentile per-packet one-way delay: 182.448 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 393.25 Mbit/s
95th percentile per-packet one-way delay: 186.076 ms
Loss rate: 1.66%
-- Flow 2:
Average throughput: 435.18 Mbit/s
95th percentile per-packet one-way delay: 182.881 ms
Loss rate: 1.41%
-- Flow 3:
Average throughput: 258.66 Mbit/s
95th percentile per-packet one-way delay: 150.491 ms
Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link

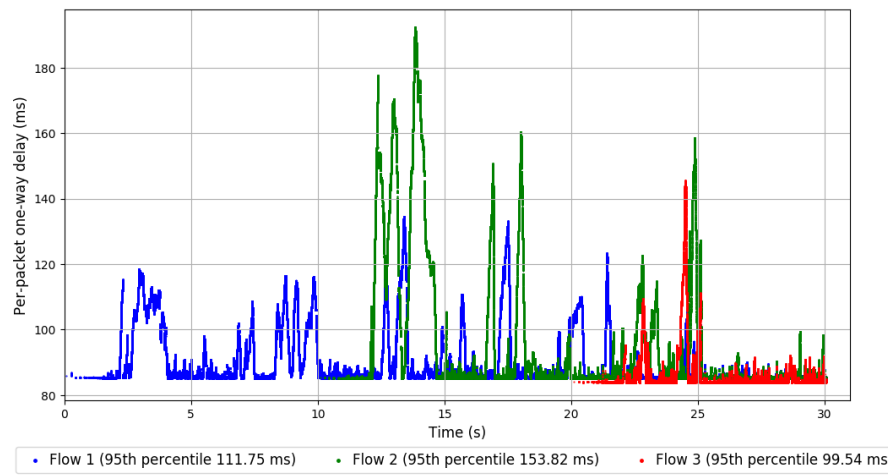
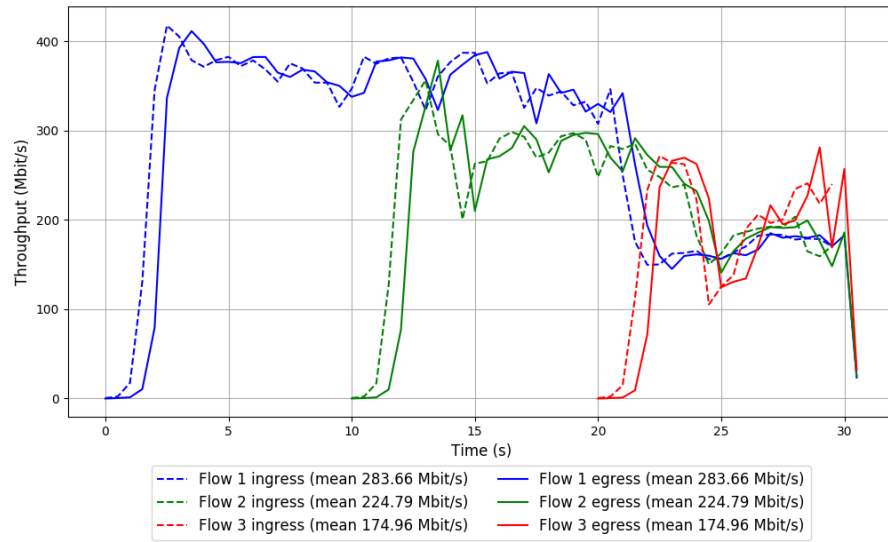


Run 1: Statistics of Copa

Start at: 2020-02-18 03:35:17
End at: 2020-02-18 03:35:47
Local clock offset: -0.019 ms
Remote clock offset: -0.008 ms

Below is generated by plot.py at 2020-02-18 07:04:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 491.42 Mbit/s
95th percentile per-packet one-way delay: 122.463 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 283.66 Mbit/s
95th percentile per-packet one-way delay: 111.745 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 224.79 Mbit/s
95th percentile per-packet one-way delay: 153.825 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 174.96 Mbit/s
95th percentile per-packet one-way delay: 99.536 ms
Loss rate: 0.00%

Run 1: Report of Copa — Data Link

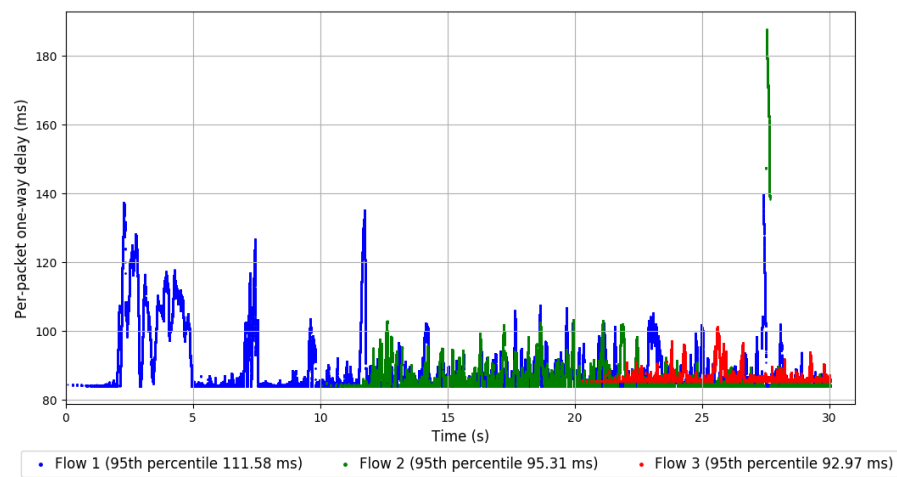
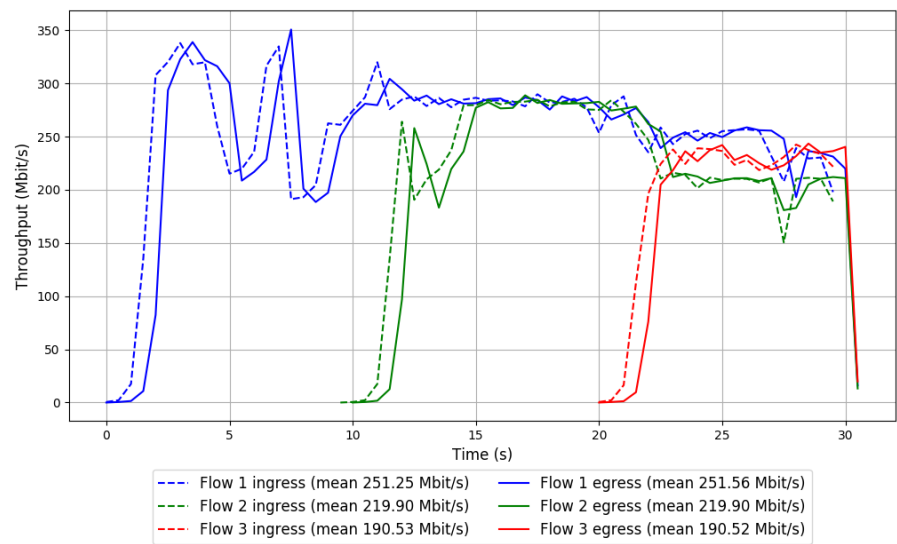


Run 2: Statistics of Copa

Start at: 2020-02-18 04:15:39
End at: 2020-02-18 04:16:09
Local clock offset: -0.044 ms
Remote clock offset: -0.005 ms

Below is generated by plot.py at 2020-02-18 07:04:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 461.33 Mbit/s
95th percentile per-packet one-way delay: 105.641 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 251.56 Mbit/s
95th percentile per-packet one-way delay: 111.583 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 219.90 Mbit/s
95th percentile per-packet one-way delay: 95.309 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 190.52 Mbit/s
95th percentile per-packet one-way delay: 92.967 ms
Loss rate: 0.00%

Run 2: Report of Copa — Data Link

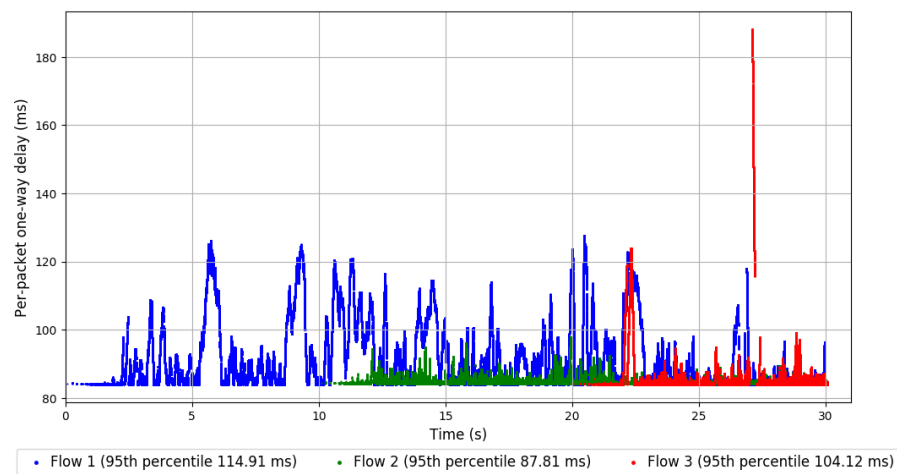
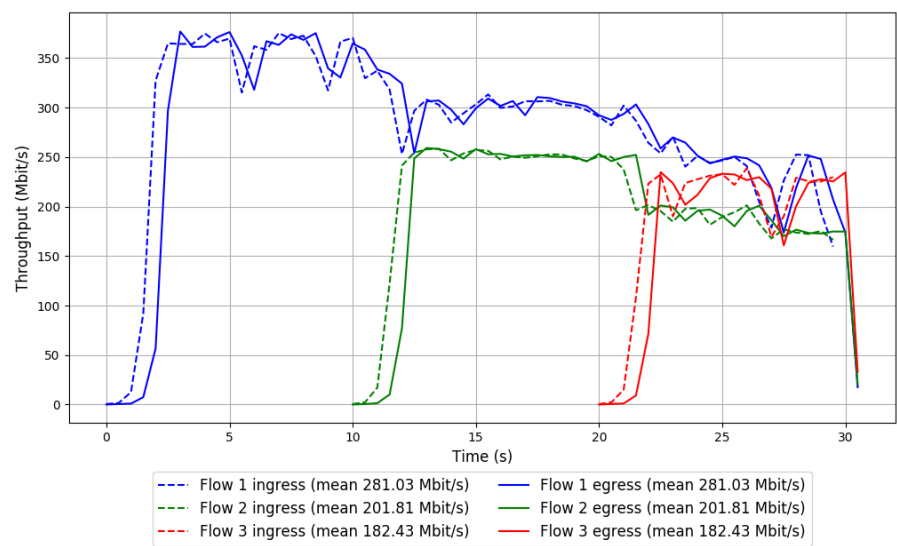


Run 3: Statistics of Copa

Start at: 2020-02-18 04:55:57
End at: 2020-02-18 04:56:27
Local clock offset: -0.148 ms
Remote clock offset: -0.031 ms

Below is generated by plot.py at 2020-02-18 07:04:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 475.97 Mbit/s
95th percentile per-packet one-way delay: 110.847 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 281.03 Mbit/s
95th percentile per-packet one-way delay: 114.912 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 201.81 Mbit/s
95th percentile per-packet one-way delay: 87.811 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 182.43 Mbit/s
95th percentile per-packet one-way delay: 104.120 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link

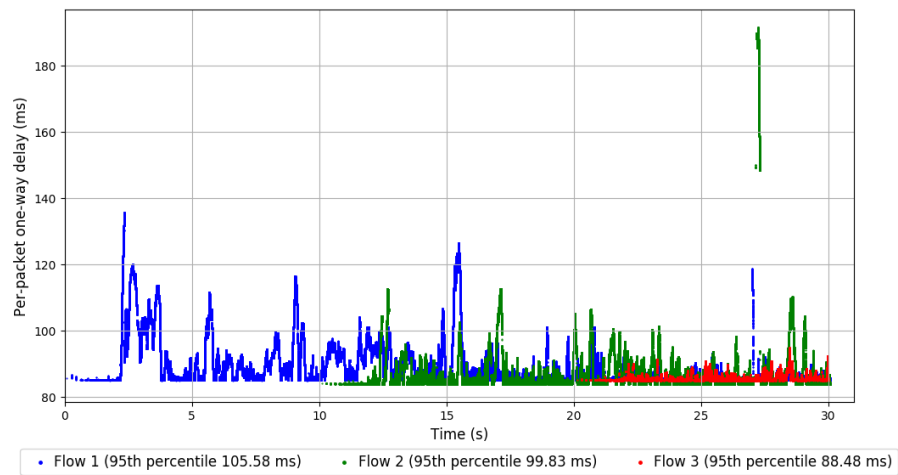
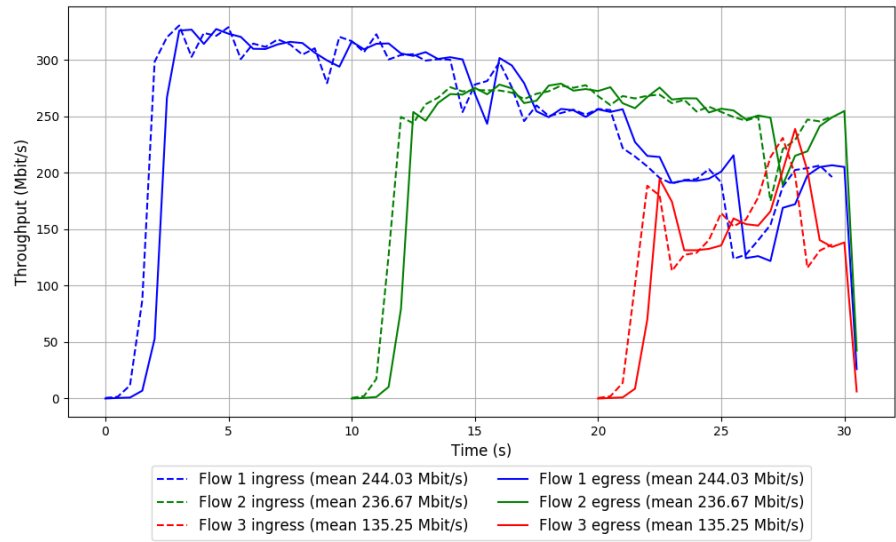


Run 4: Statistics of Copa

Start at: 2020-02-18 05:36:31
End at: 2020-02-18 05:37:01
Local clock offset: -0.077 ms
Remote clock offset: -0.067 ms

Below is generated by plot.py at 2020-02-18 07:22:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 446.33 Mbit/s
95th percentile per-packet one-way delay: 102.682 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 244.03 Mbit/s
95th percentile per-packet one-way delay: 105.578 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 236.67 Mbit/s
95th percentile per-packet one-way delay: 99.825 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 135.25 Mbit/s
95th percentile per-packet one-way delay: 88.476 ms
Loss rate: 0.00%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2020-02-18 06:16:48

End at: 2020-02-18 06:17:18

Local clock offset: -0.071 ms

Remote clock offset: -0.08 ms

Below is generated by plot.py at 2020-02-18 07:22:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 433.78 Mbit/s

95th percentile per-packet one-way delay: 141.294 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 259.82 Mbit/s

95th percentile per-packet one-way delay: 127.056 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 195.42 Mbit/s

95th percentile per-packet one-way delay: 164.159 ms

Loss rate: 0.01%

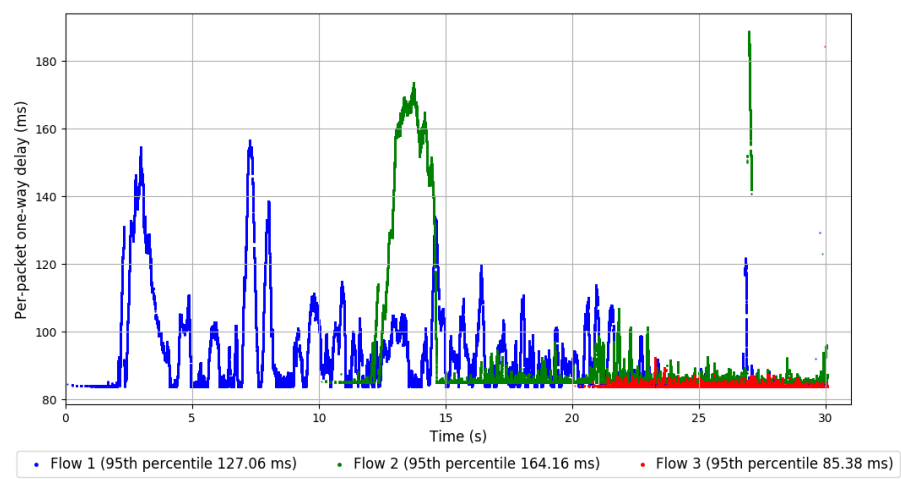
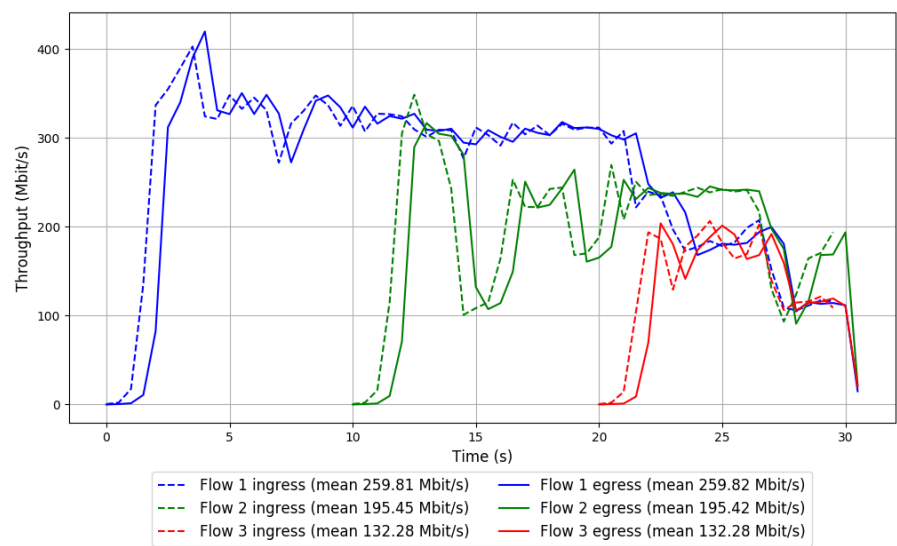
-- Flow 3:

Average throughput: 132.28 Mbit/s

95th percentile per-packet one-way delay: 85.384 ms

Loss rate: 0.00%

Run 5: Report of Copa — Data Link

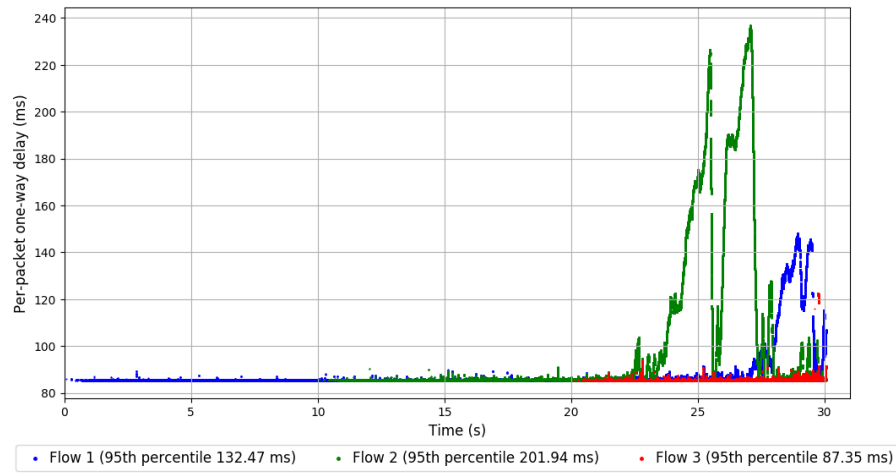
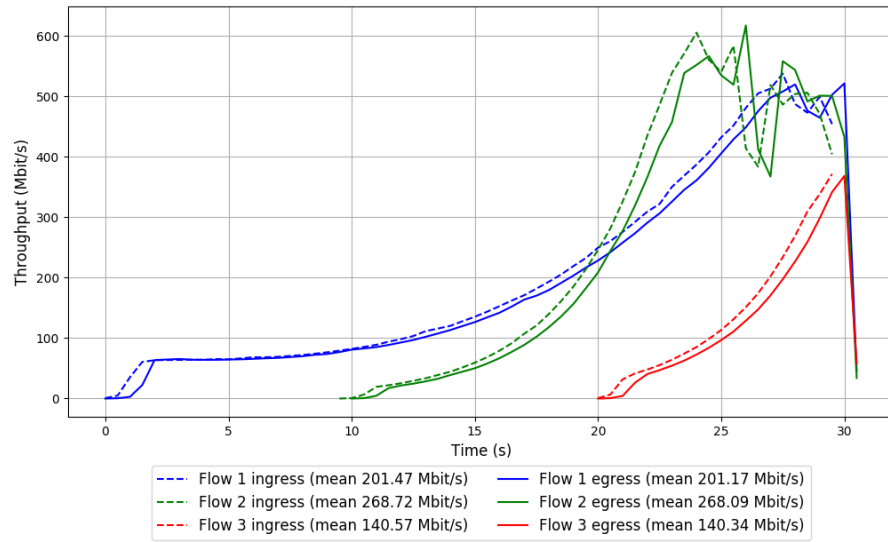


Run 1: Statistics of TCP Cubic

Start at: 2020-02-18 03:16:48
End at: 2020-02-18 03:17:18
Local clock offset: -0.122 ms
Remote clock offset: -0.104 ms

Below is generated by plot.py at 2020-02-18 07:22:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 426.47 Mbit/s
95th percentile per-packet one-way delay: 174.282 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 201.17 Mbit/s
95th percentile per-packet one-way delay: 132.465 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 268.09 Mbit/s
95th percentile per-packet one-way delay: 201.943 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 140.34 Mbit/s
95th percentile per-packet one-way delay: 87.348 ms
Loss rate: 0.15%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2020-02-18 03:57:22

End at: 2020-02-18 03:57:52

Local clock offset: -0.034 ms

Remote clock offset: -0.02 ms

Below is generated by plot.py at 2020-02-18 07:22:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 618.05 Mbit/s

95th percentile per-packet one-way delay: 104.904 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 295.50 Mbit/s

95th percentile per-packet one-way delay: 91.467 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 445.75 Mbit/s

95th percentile per-packet one-way delay: 110.383 ms

Loss rate: 0.00%

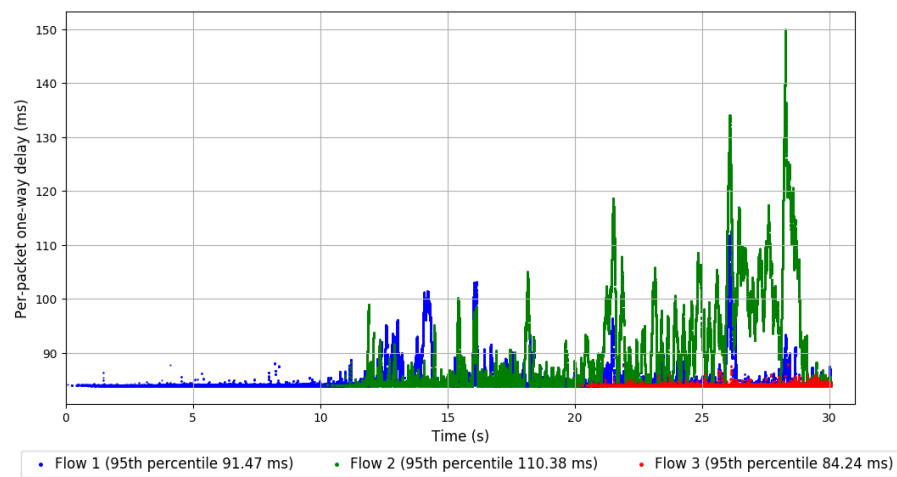
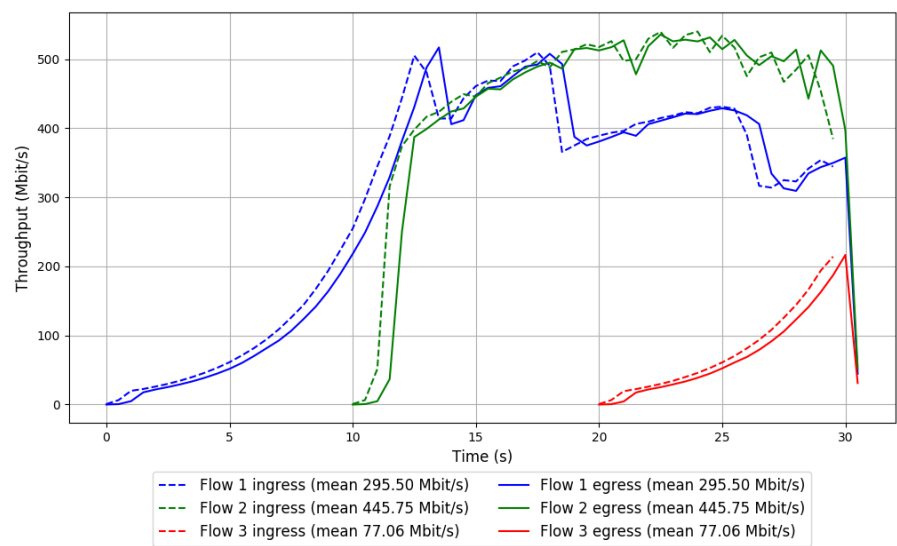
-- Flow 3:

Average throughput: 77.06 Mbit/s

95th percentile per-packet one-way delay: 84.243 ms

Loss rate: 0.00%

Run 2: Report of TCP Cubic — Data Link

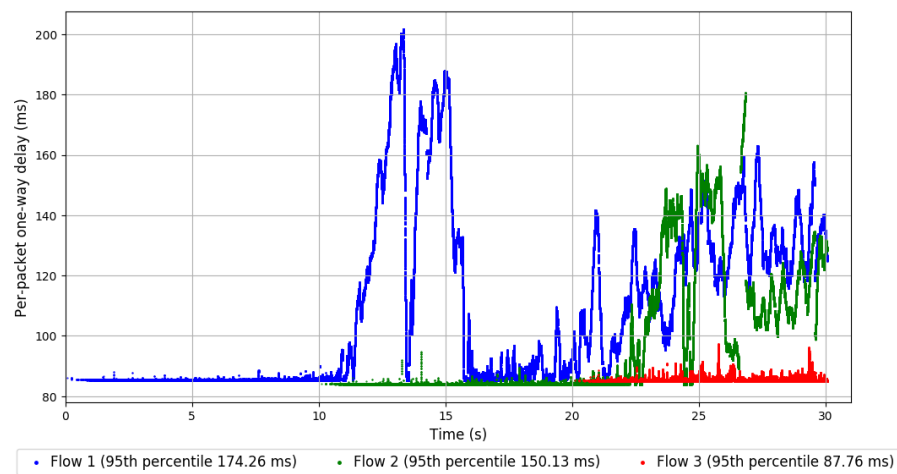
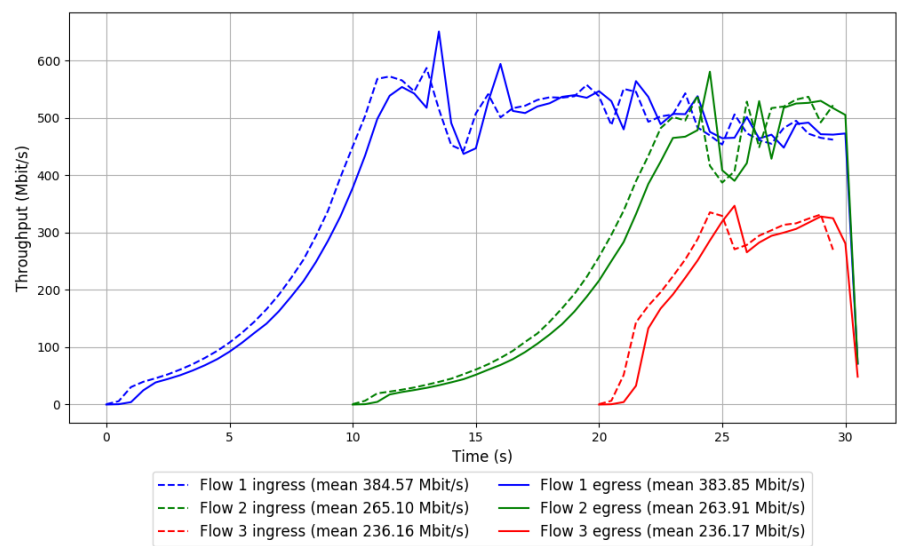


Run 3: Statistics of TCP Cubic

Start at: 2020-02-18 04:37:32
End at: 2020-02-18 04:38:02
Local clock offset: -0.187 ms
Remote clock offset: -0.012 ms

Below is generated by plot.py at 2020-02-18 07:22:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 638.14 Mbit/s
95th percentile per-packet one-way delay: 162.606 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 383.85 Mbit/s
95th percentile per-packet one-way delay: 174.262 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 263.91 Mbit/s
95th percentile per-packet one-way delay: 150.129 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 236.17 Mbit/s
95th percentile per-packet one-way delay: 87.757 ms
Loss rate: 0.00%

Run 3: Report of TCP Cubic — Data Link

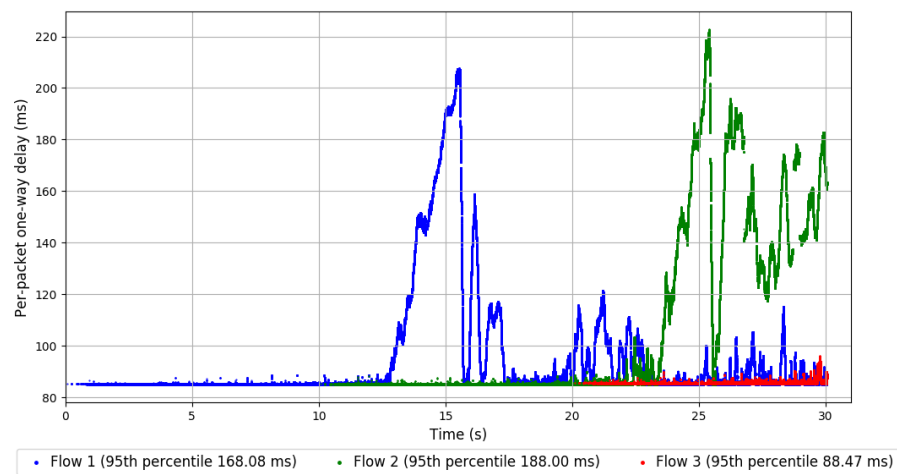
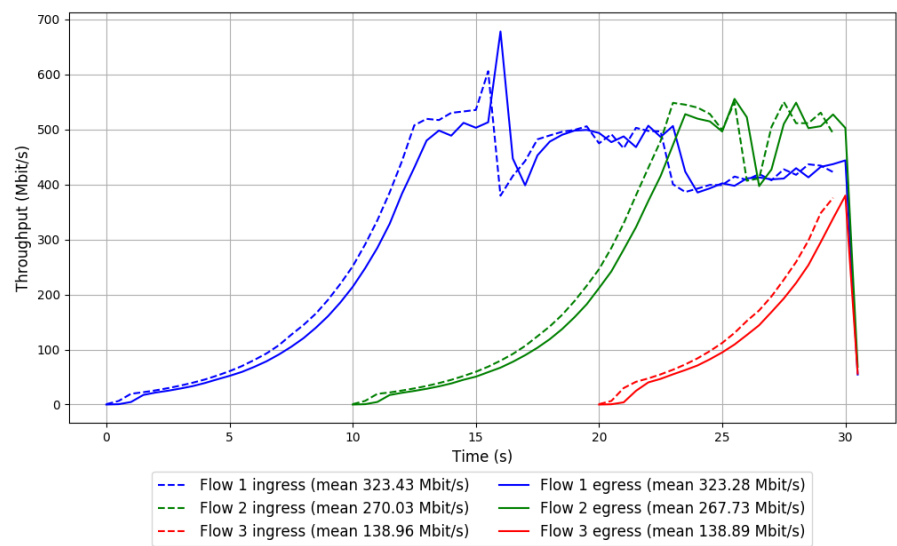


Run 4: Statistics of TCP Cubic

Start at: 2020-02-18 05:17:56
End at: 2020-02-18 05:18:26
Local clock offset: -0.08 ms
Remote clock offset: -0.132 ms

```
# Below is generated by plot.py at 2020-02-18 07:22:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 547.84 Mbit/s
95th percentile per-packet one-way delay: 181.488 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 323.28 Mbit/s
95th percentile per-packet one-way delay: 168.077 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 267.73 Mbit/s
95th percentile per-packet one-way delay: 188.005 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 138.89 Mbit/s
95th percentile per-packet one-way delay: 88.473 ms
Loss rate: 0.05%
```

Run 4: Report of TCP Cubic — Data Link

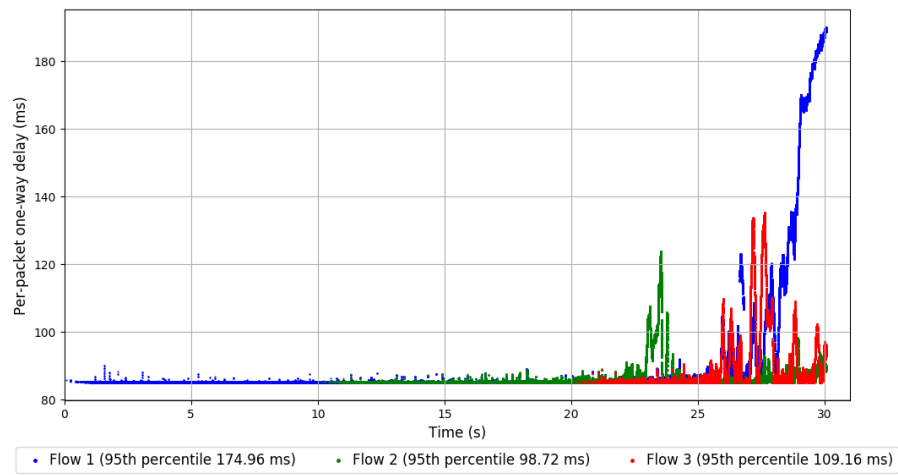
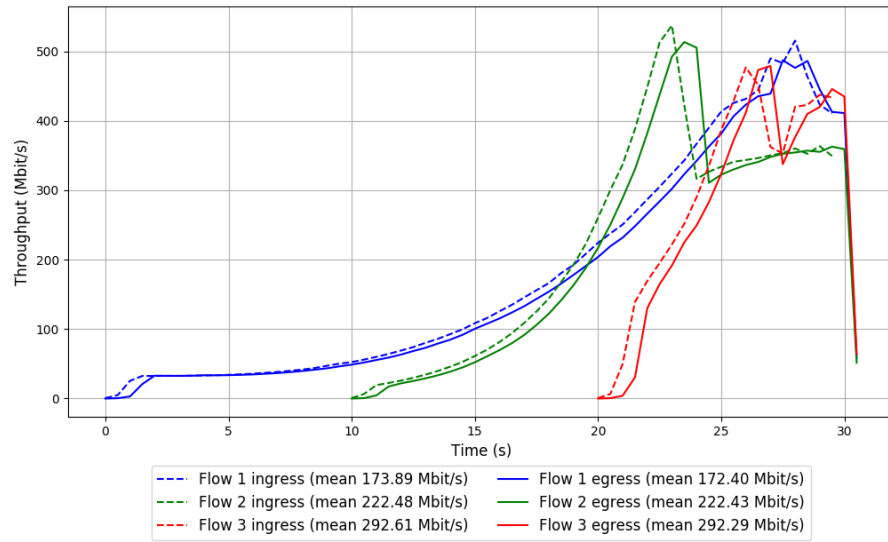


Run 5: Statistics of TCP Cubic

Start at: 2020-02-18 05:58:40
End at: 2020-02-18 05:59:10
Local clock offset: -0.04 ms
Remote clock offset: -0.041 ms

Below is generated by plot.py at 2020-02-18 07:22:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 417.70 Mbit/s
95th percentile per-packet one-way delay: 129.349 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 172.40 Mbit/s
95th percentile per-packet one-way delay: 174.963 ms
Loss rate: 0.86%
-- Flow 2:
Average throughput: 222.43 Mbit/s
95th percentile per-packet one-way delay: 98.720 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 292.29 Mbit/s
95th percentile per-packet one-way delay: 109.160 ms
Loss rate: 0.10%

Run 5: Report of TCP Cubic — Data Link

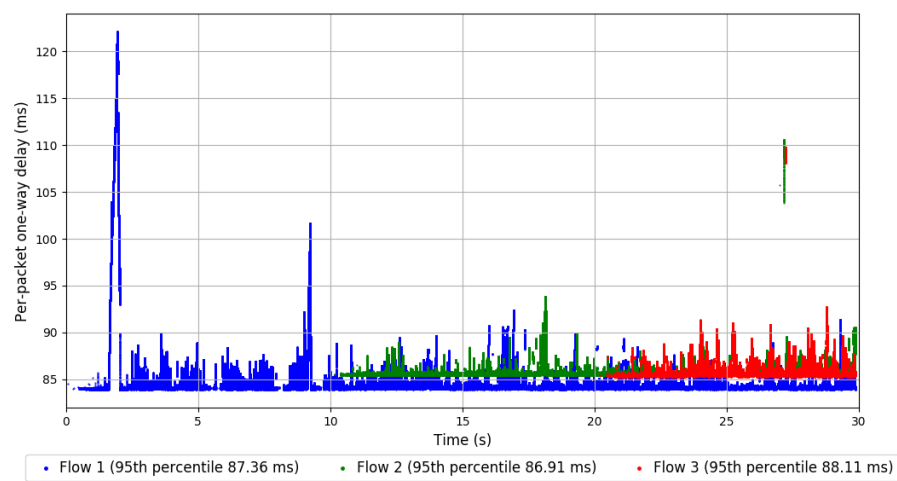
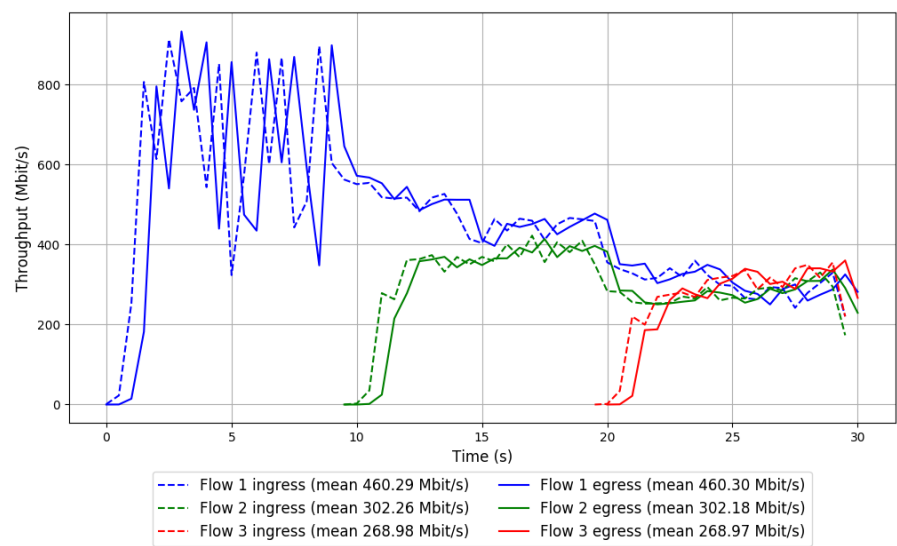


Run 1: Statistics of FillP

Start at: 2020-02-18 03:23:49
End at: 2020-02-18 03:24:19
Local clock offset: -0.078 ms
Remote clock offset: -0.066 ms

Below is generated by plot.py at 2020-02-18 07:27:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 751.30 Mbit/s
95th percentile per-packet one-way delay: 87.383 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 460.30 Mbit/s
95th percentile per-packet one-way delay: 87.356 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 302.18 Mbit/s
95th percentile per-packet one-way delay: 86.907 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 268.97 Mbit/s
95th percentile per-packet one-way delay: 88.106 ms
Loss rate: 0.00%

Run 1: Report of FillP — Data Link

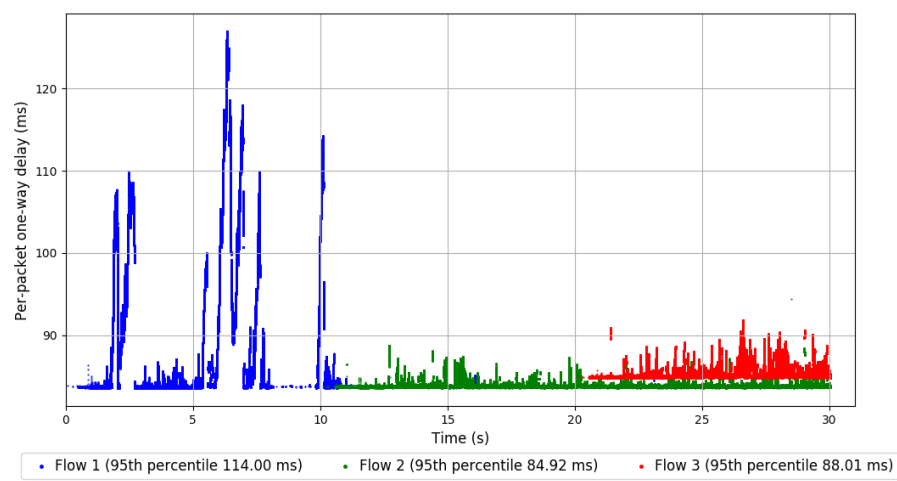
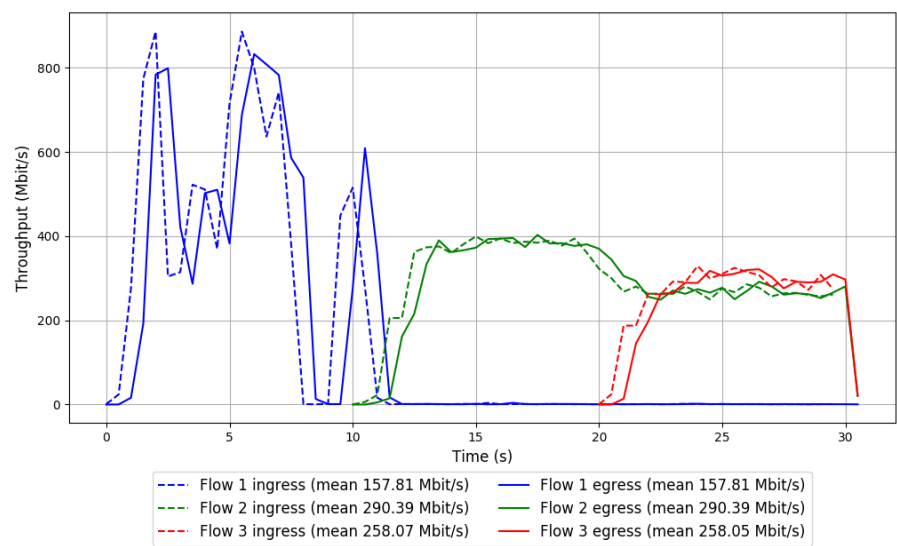


Run 2: Statistics of FillP

Start at: 2020-02-18 04:04:26
End at: 2020-02-18 04:04:56
Local clock offset: 0.28 ms
Remote clock offset: -0.031 ms

Below is generated by plot.py at 2020-02-18 07:27:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 436.27 Mbit/s
95th percentile per-packet one-way delay: 105.135 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 157.81 Mbit/s
95th percentile per-packet one-way delay: 113.995 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 290.39 Mbit/s
95th percentile per-packet one-way delay: 84.921 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 258.05 Mbit/s
95th percentile per-packet one-way delay: 88.007 ms
Loss rate: 0.00%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2020-02-18 04:44:39

End at: 2020-02-18 04:45:09

Local clock offset: -0.153 ms

Remote clock offset: 0.007 ms

Below is generated by plot.py at 2020-02-18 07:28:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 428.77 Mbit/s

95th percentile per-packet one-way delay: 103.086 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 137.07 Mbit/s

95th percentile per-packet one-way delay: 117.951 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 337.07 Mbit/s

95th percentile per-packet one-way delay: 86.726 ms

Loss rate: 0.00%

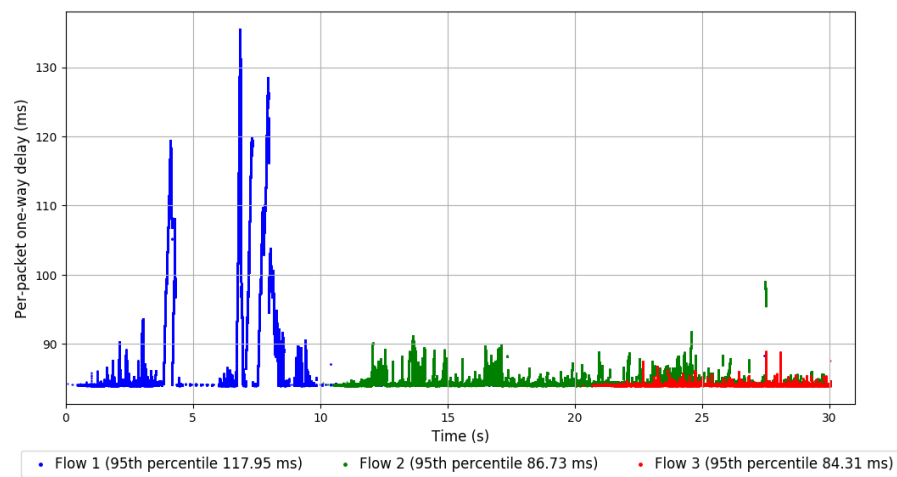
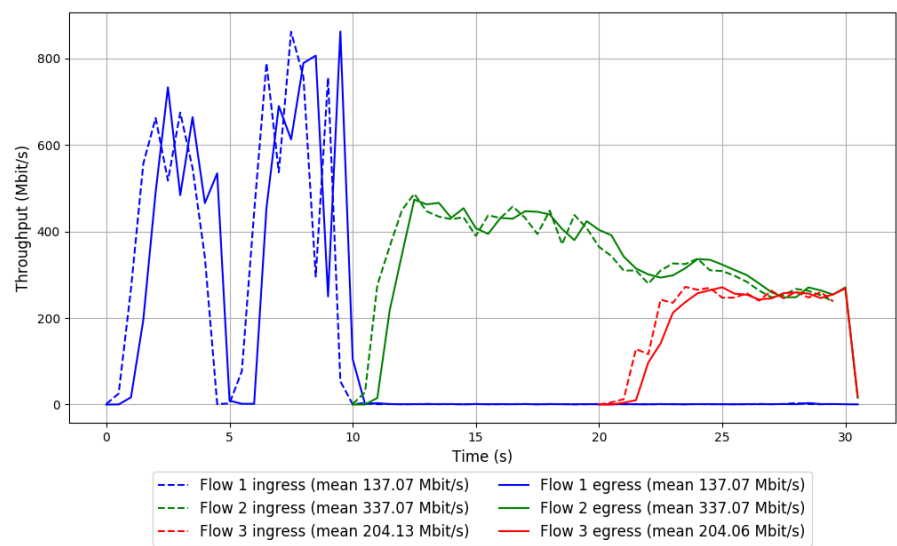
-- Flow 3:

Average throughput: 204.06 Mbit/s

95th percentile per-packet one-way delay: 84.313 ms

Loss rate: 0.00%

Run 3: Report of FillP — Data Link

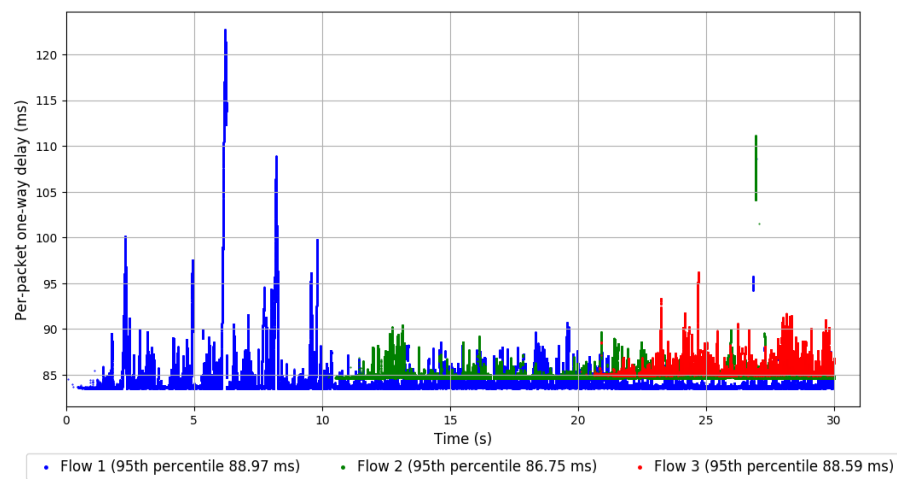
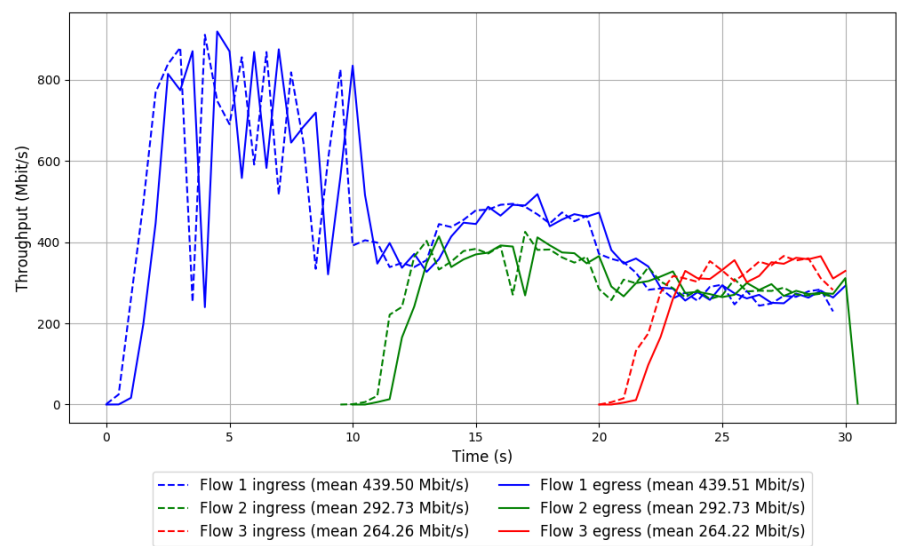


Run 4: Statistics of FillP

Start at: 2020-02-18 05:24:59
End at: 2020-02-18 05:25:29
Local clock offset: 0.293 ms
Remote clock offset: -0.155 ms

Below is generated by plot.py at 2020-02-18 07:40:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 721.38 Mbit/s
95th percentile per-packet one-way delay: 88.086 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 439.51 Mbit/s
95th percentile per-packet one-way delay: 88.968 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 292.73 Mbit/s
95th percentile per-packet one-way delay: 86.750 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 264.22 Mbit/s
95th percentile per-packet one-way delay: 88.586 ms
Loss rate: 0.00%

Run 4: Report of FillP — Data Link

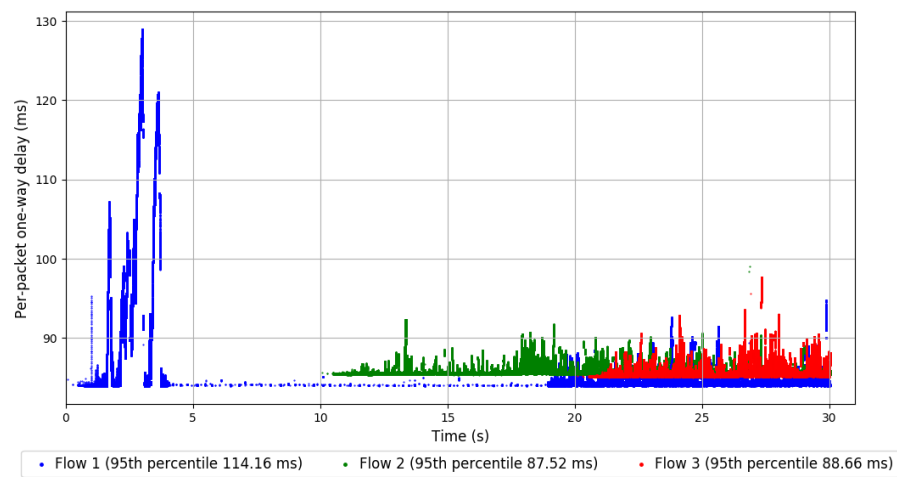
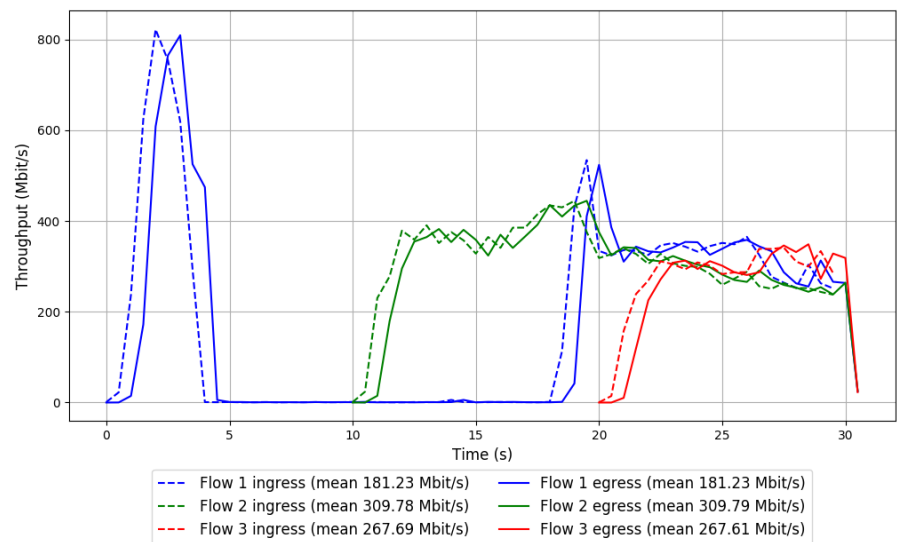


Run 5: Statistics of FillP

Start at: 2020-02-18 06:05:32
End at: 2020-02-18 06:06:02
Local clock offset: -0.063 ms
Remote clock offset: -0.071 ms

Below is generated by plot.py at 2020-02-18 07:40:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 476.12 Mbit/s
95th percentile per-packet one-way delay: 98.059 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 181.23 Mbit/s
95th percentile per-packet one-way delay: 114.157 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 309.79 Mbit/s
95th percentile per-packet one-way delay: 87.515 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 267.61 Mbit/s
95th percentile per-packet one-way delay: 88.658 ms
Loss rate: 0.00%

Run 5: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2020-02-18 03:38:37

End at: 2020-02-18 03:39:07

Local clock offset: 0.239 ms

Remote clock offset: 0.009 ms

Below is generated by plot.py at 2020-02-18 07:40:55

Datalink statistics

-- Total of 3 flows:

Average throughput: 648.46 Mbit/s

95th percentile per-packet one-way delay: 85.799 ms

Loss rate: 0.19%

-- Flow 1:

Average throughput: 386.47 Mbit/s

95th percentile per-packet one-way delay: 86.004 ms

Loss rate: 0.31%

-- Flow 2:

Average throughput: 278.29 Mbit/s

95th percentile per-packet one-way delay: 85.195 ms

Loss rate: 0.00%

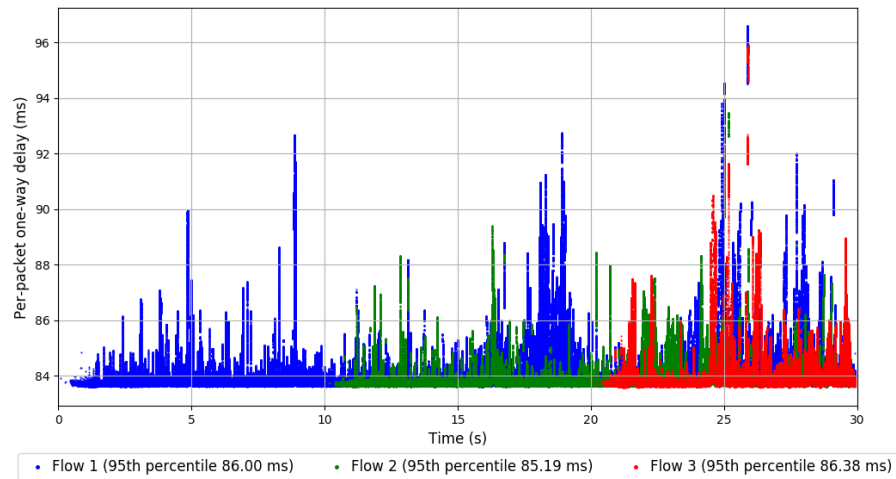
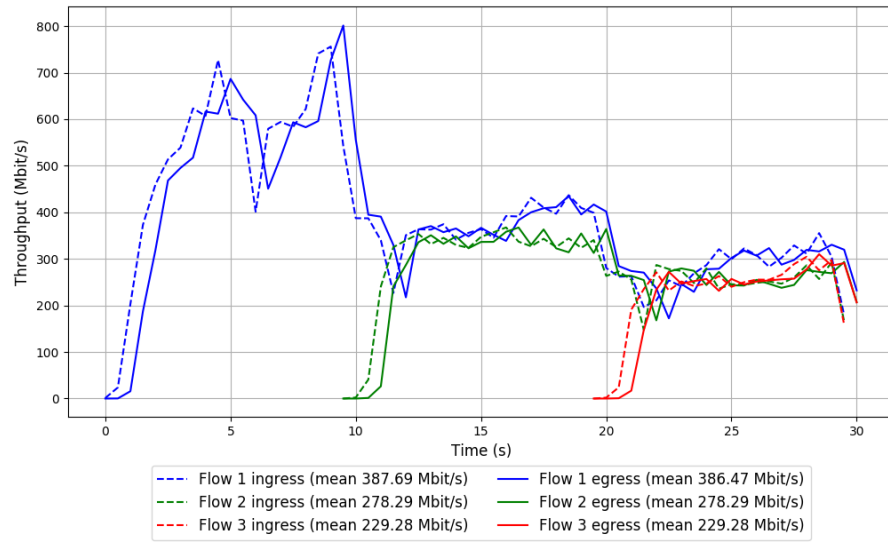
-- Flow 3:

Average throughput: 229.28 Mbit/s

95th percentile per-packet one-way delay: 86.382 ms

Loss rate: 0.00%

Run 1: Report of FillP-Sheep — Data Link

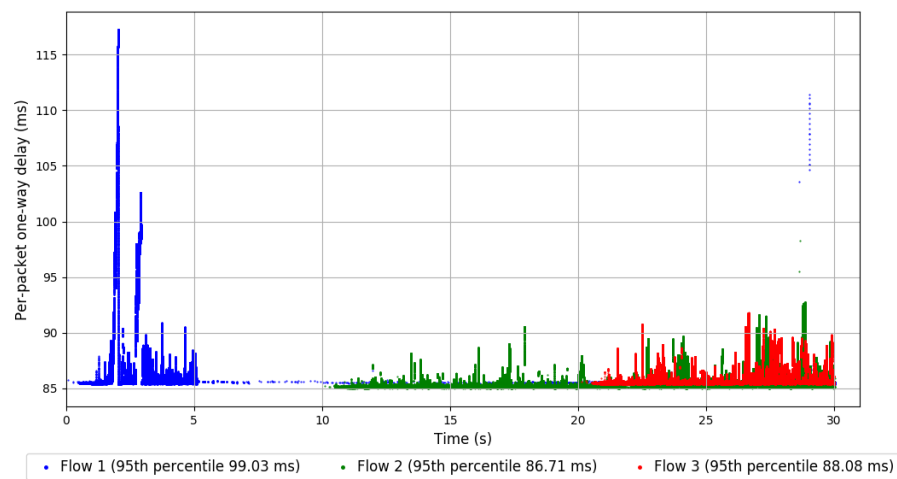
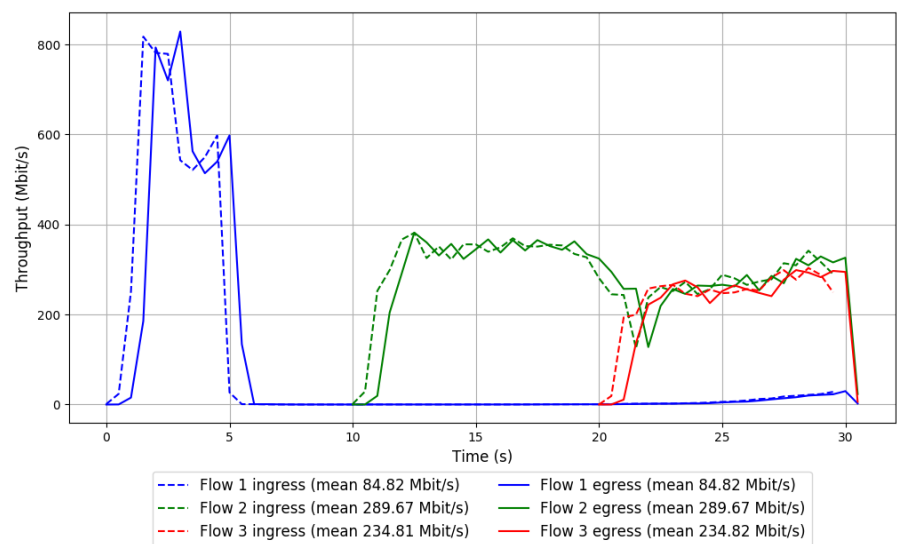


Run 2: Statistics of FillP-Sheep

Start at: 2020-02-18 04:18:56
End at: 2020-02-18 04:19:26
Local clock offset: -0.07 ms
Remote clock offset: -0.017 ms

Below is generated by plot.py at 2020-02-18 07:40:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 355.21 Mbit/s
95th percentile per-packet one-way delay: 88.743 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.82 Mbit/s
95th percentile per-packet one-way delay: 99.029 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 289.67 Mbit/s
95th percentile per-packet one-way delay: 86.706 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 234.82 Mbit/s
95th percentile per-packet one-way delay: 88.083 ms
Loss rate: 0.00%

Run 2: Report of FillP-Sheep — Data Link

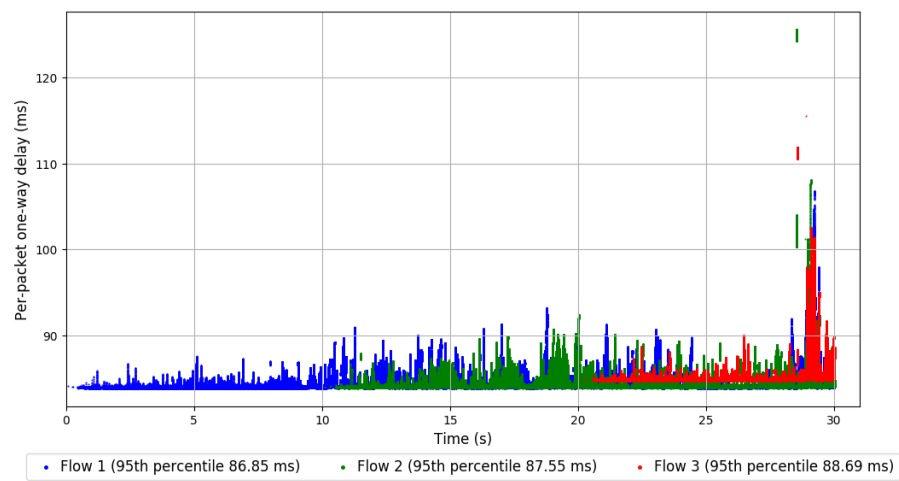
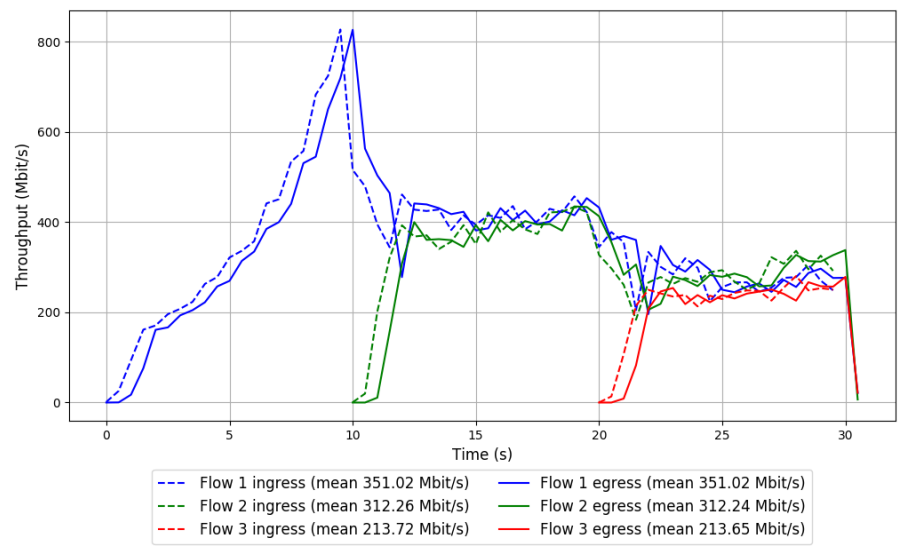


Run 3: Statistics of FillP-Sheep

Start at: 2020-02-18 04:59:16
End at: 2020-02-18 04:59:46
Local clock offset: 0.197 ms
Remote clock offset: -0.083 ms

Below is generated by plot.py at 2020-02-18 07:41:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 629.19 Mbit/s
95th percentile per-packet one-way delay: 87.234 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 351.02 Mbit/s
95th percentile per-packet one-way delay: 86.848 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 312.24 Mbit/s
95th percentile per-packet one-way delay: 87.552 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 213.65 Mbit/s
95th percentile per-packet one-way delay: 88.688 ms
Loss rate: 0.00%

Run 3: Report of FillP-Sheep — Data Link



Run 4: Statistics of FillP-Sheep

Start at: 2020-02-18 05:39:46

End at: 2020-02-18 05:40:16

Local clock offset: -0.045 ms

Remote clock offset: -0.08 ms

Below is generated by plot.py at 2020-02-18 07:50:29

Datalink statistics

-- Total of 3 flows:

Average throughput: 712.23 Mbit/s

95th percentile per-packet one-way delay: 101.073 ms

Loss rate: 0.15%

-- Flow 1:

Average throughput: 443.09 Mbit/s

95th percentile per-packet one-way delay: 104.861 ms

Loss rate: 0.24%

-- Flow 2:

Average throughput: 291.37 Mbit/s

95th percentile per-packet one-way delay: 87.043 ms

Loss rate: 0.00%

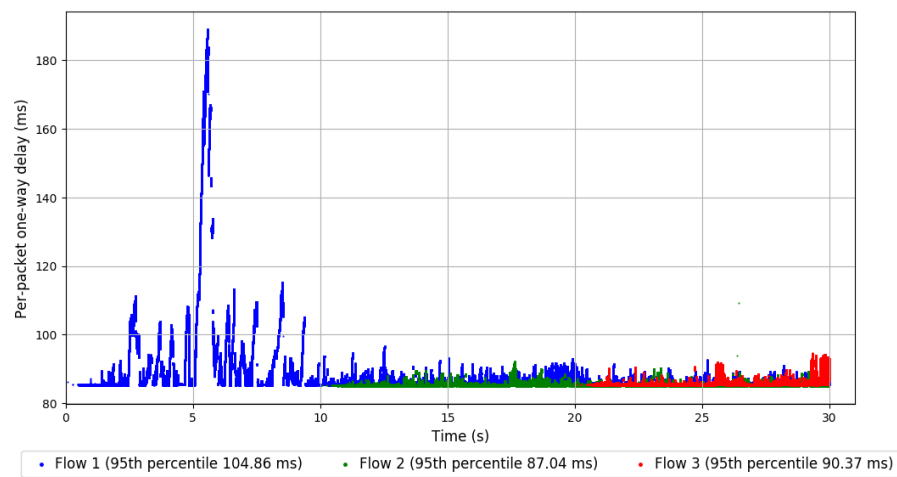
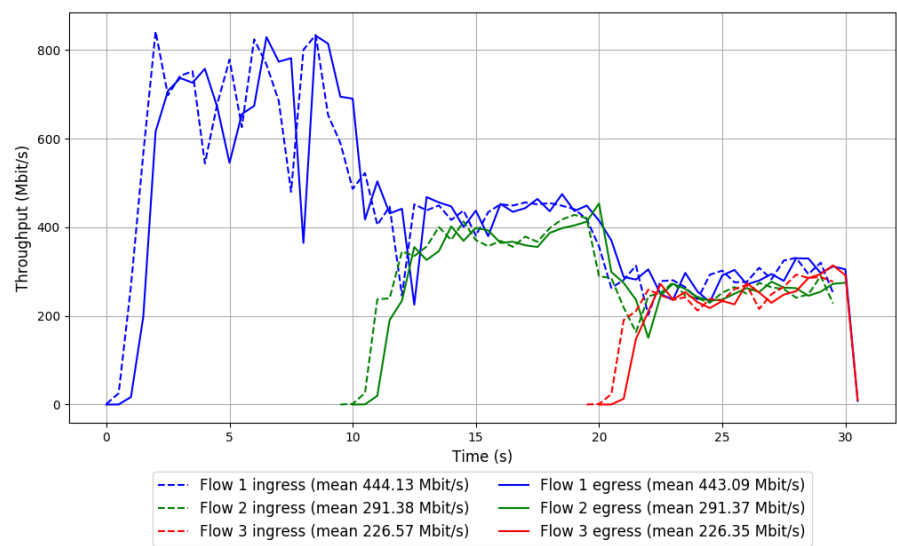
-- Flow 3:

Average throughput: 226.35 Mbit/s

95th percentile per-packet one-way delay: 90.367 ms

Loss rate: 0.03%

Run 4: Report of FillP-Sheep — Data Link

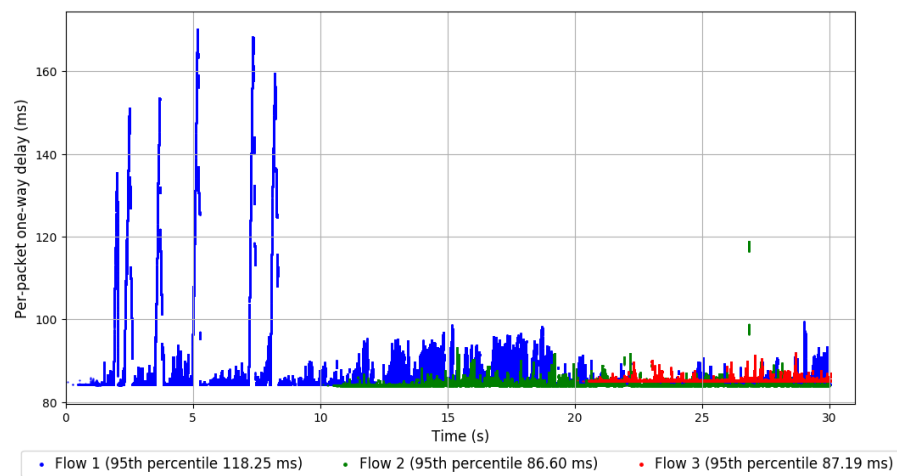
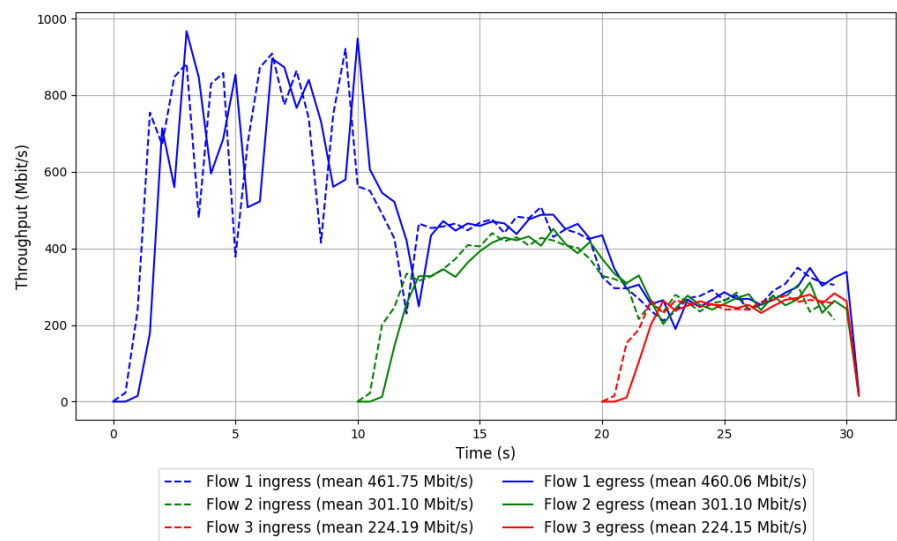


Run 5: Statistics of FillP-Sheep

Start at: 2020-02-18 06:20:03
End at: 2020-02-18 06:20:33
Local clock offset: -0.096 ms
Remote clock offset: -0.079 ms

Below is generated by plot.py at 2020-02-18 07:51:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 734.30 Mbit/s
95th percentile per-packet one-way delay: 96.824 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 460.06 Mbit/s
95th percentile per-packet one-way delay: 118.254 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 301.10 Mbit/s
95th percentile per-packet one-way delay: 86.597 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 224.15 Mbit/s
95th percentile per-packet one-way delay: 87.194 ms
Loss rate: 0.01%

Run 5: Report of FillP-Sheep — Data Link

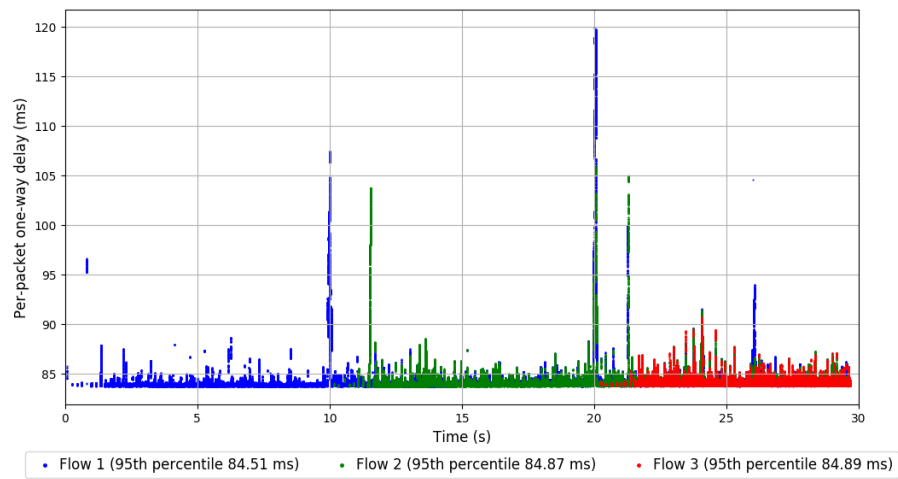
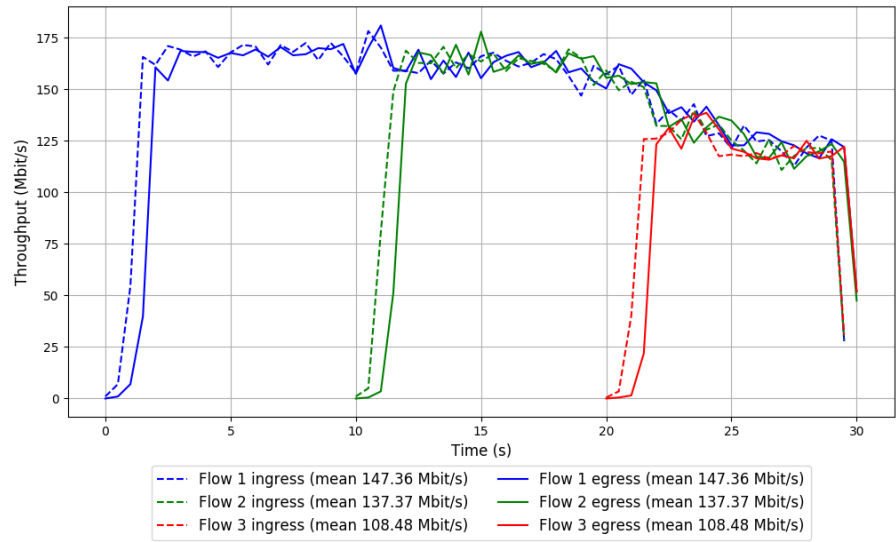


Run 1: Statistics of Indigo

Start at: 2020-02-18 03:13:46
End at: 2020-02-18 03:14:16
Local clock offset: -0.001 ms
Remote clock offset: -0.102 ms

Below is generated by plot.py at 2020-02-18 07:51:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 272.49 Mbit/s
95th percentile per-packet one-way delay: 84.691 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 147.36 Mbit/s
95th percentile per-packet one-way delay: 84.514 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 137.37 Mbit/s
95th percentile per-packet one-way delay: 84.870 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 108.48 Mbit/s
95th percentile per-packet one-way delay: 84.892 ms
Loss rate: 0.00%

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2020-02-18 03:54:20

End at: 2020-02-18 03:54:50

Local clock offset: -0.042 ms

Remote clock offset: -0.02 ms

Below is generated by plot.py at 2020-02-18 07:51:59

Datalink statistics

-- Total of 3 flows:

Average throughput: 290.06 Mbit/s

95th percentile per-packet one-way delay: 86.080 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 158.95 Mbit/s

95th percentile per-packet one-way delay: 85.749 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 139.36 Mbit/s

95th percentile per-packet one-way delay: 86.446 ms

Loss rate: 0.00%

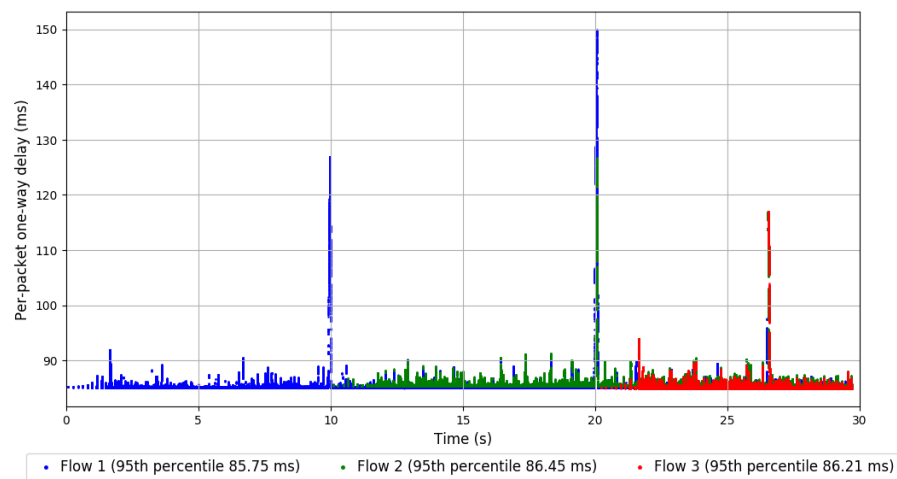
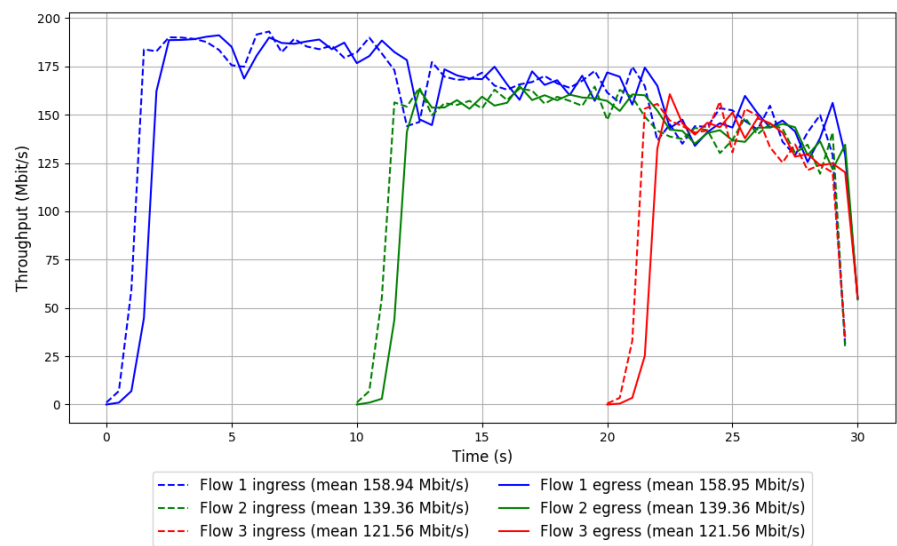
-- Flow 3:

Average throughput: 121.56 Mbit/s

95th percentile per-packet one-way delay: 86.211 ms

Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

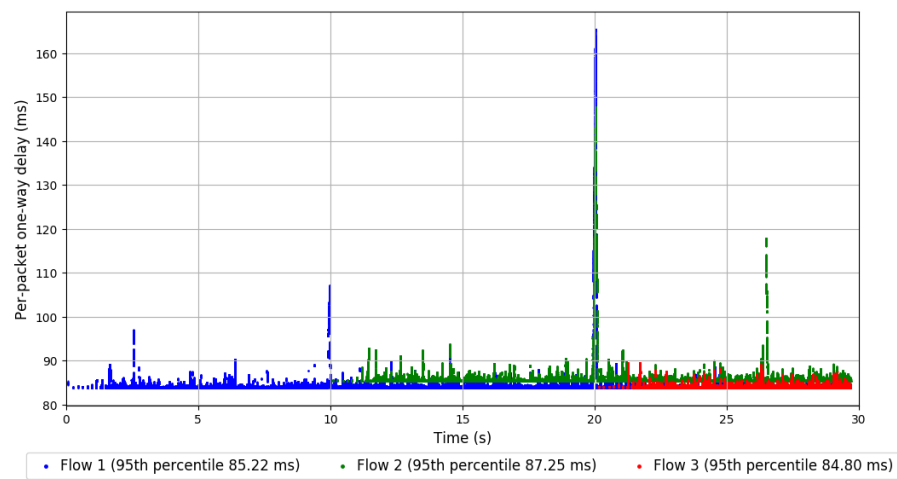
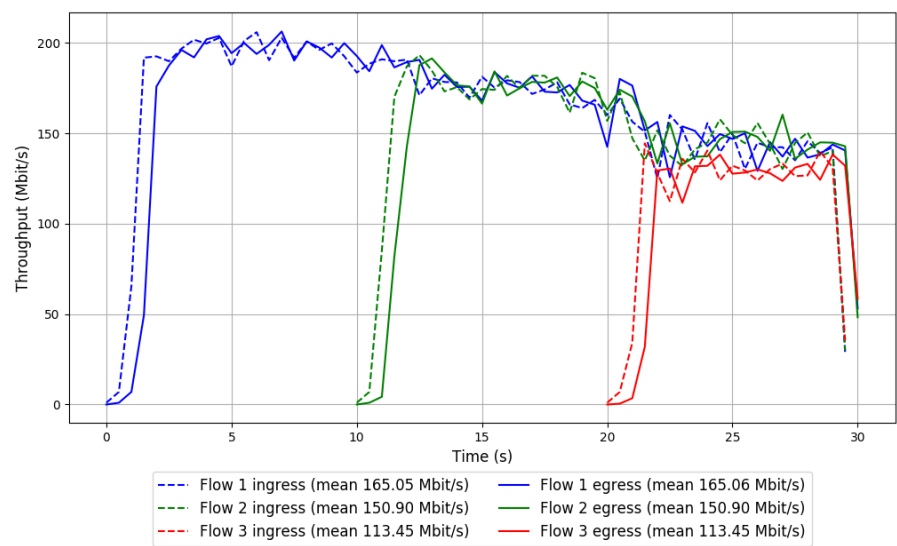


Run 3: Statistics of Indigo

Start at: 2020-02-18 04:34:27
End at: 2020-02-18 04:34:57
Local clock offset: -0.169 ms
Remote clock offset: -0.029 ms

Below is generated by plot.py at 2020-02-18 07:51:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 301.46 Mbit/s
95th percentile per-packet one-way delay: 86.209 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 165.06 Mbit/s
95th percentile per-packet one-way delay: 85.221 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 150.90 Mbit/s
95th percentile per-packet one-way delay: 87.251 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 113.45 Mbit/s
95th percentile per-packet one-way delay: 84.798 ms
Loss rate: 0.00%

Run 3: Report of Indigo — Data Link

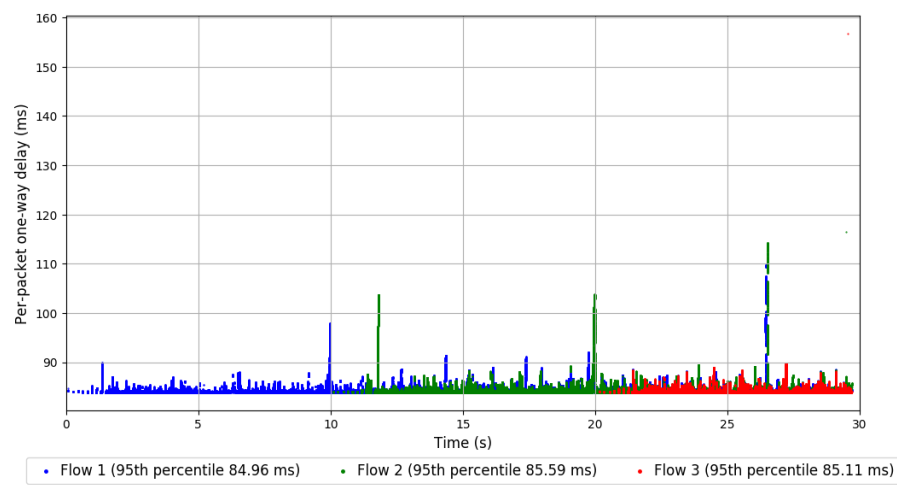
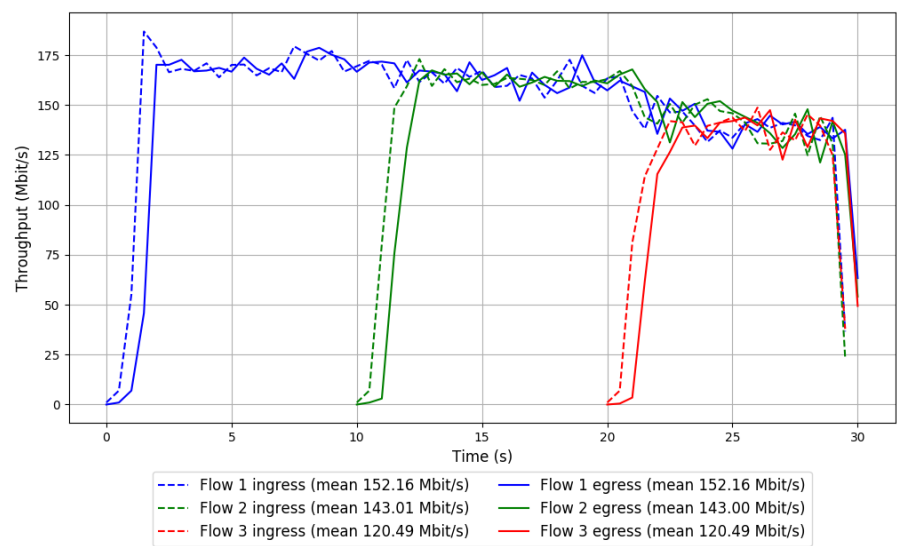


Run 4: Statistics of Indigo

Start at: 2020-02-18 05:14:53
End at: 2020-02-18 05:15:23
Local clock offset: -0.077 ms
Remote clock offset: -0.133 ms

Below is generated by plot.py at 2020-02-18 07:55:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 285.60 Mbit/s
95th percentile per-packet one-way delay: 85.179 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 152.16 Mbit/s
95th percentile per-packet one-way delay: 84.959 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 143.00 Mbit/s
95th percentile per-packet one-way delay: 85.594 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 120.49 Mbit/s
95th percentile per-packet one-way delay: 85.106 ms
Loss rate: 0.00%

Run 4: Report of Indigo — Data Link

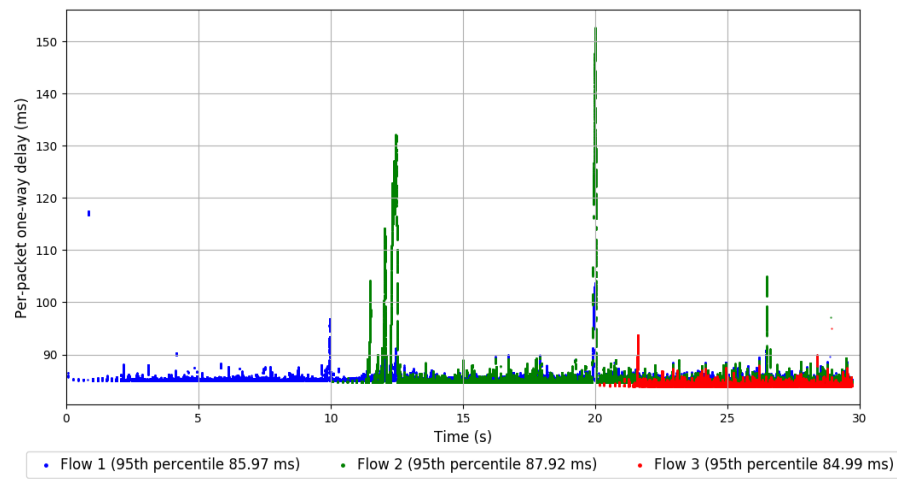
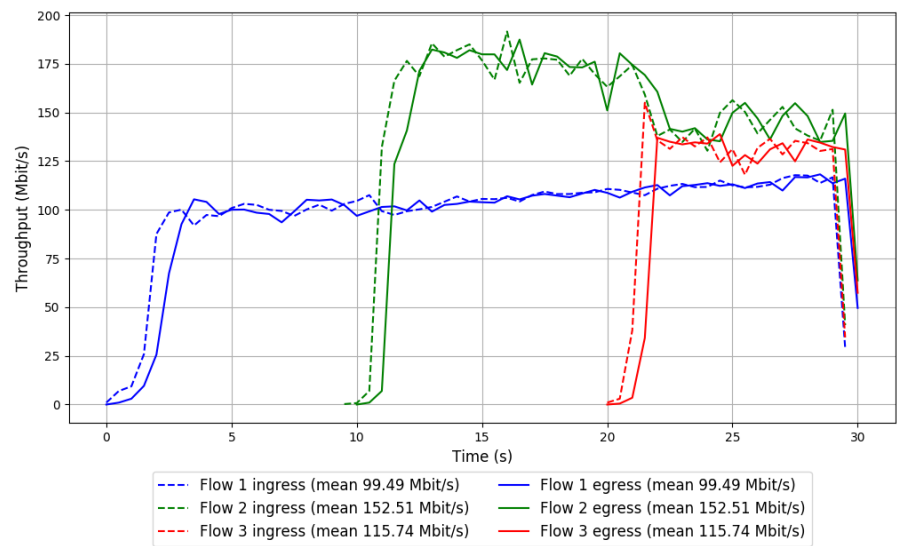


Run 5: Statistics of Indigo

Start at: 2020-02-18 05:55:42
End at: 2020-02-18 05:56:12
Local clock offset: 0.285 ms
Remote clock offset: -0.039 ms

Below is generated by plot.py at 2020-02-18 07:55:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 237.79 Mbit/s
95th percentile per-packet one-way delay: 86.402 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 99.49 Mbit/s
95th percentile per-packet one-way delay: 85.970 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 152.51 Mbit/s
95th percentile per-packet one-way delay: 87.920 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 115.74 Mbit/s
95th percentile per-packet one-way delay: 84.989 ms
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link

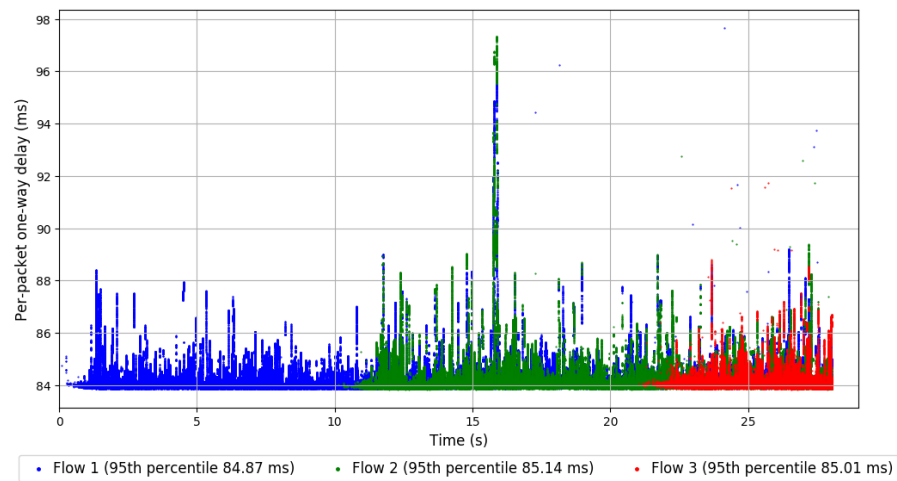
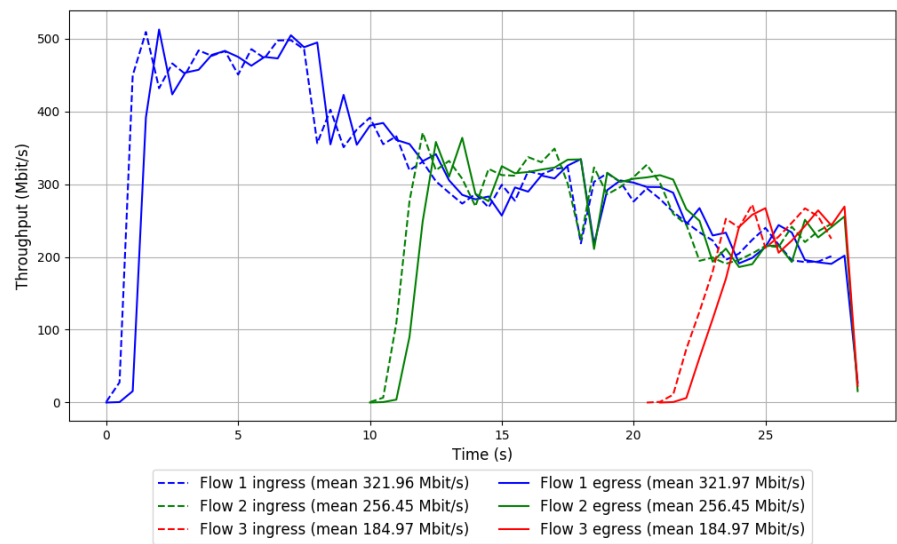


Run 1: Statistics of Indigo-MusesC3

Start at: 2020-02-18 03:29:17
End at: 2020-02-18 03:29:47
Local clock offset: -0.074 ms
Remote clock offset: -0.059 ms

Below is generated by plot.py at 2020-02-18 07:55:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 532.44 Mbit/s
95th percentile per-packet one-way delay: 84.965 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 321.97 Mbit/s
95th percentile per-packet one-way delay: 84.869 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 256.45 Mbit/s
95th percentile per-packet one-way delay: 85.140 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 184.97 Mbit/s
95th percentile per-packet one-way delay: 85.006 ms
Loss rate: 0.00%

Run 1: Report of Indigo-MusesC3 — Data Link

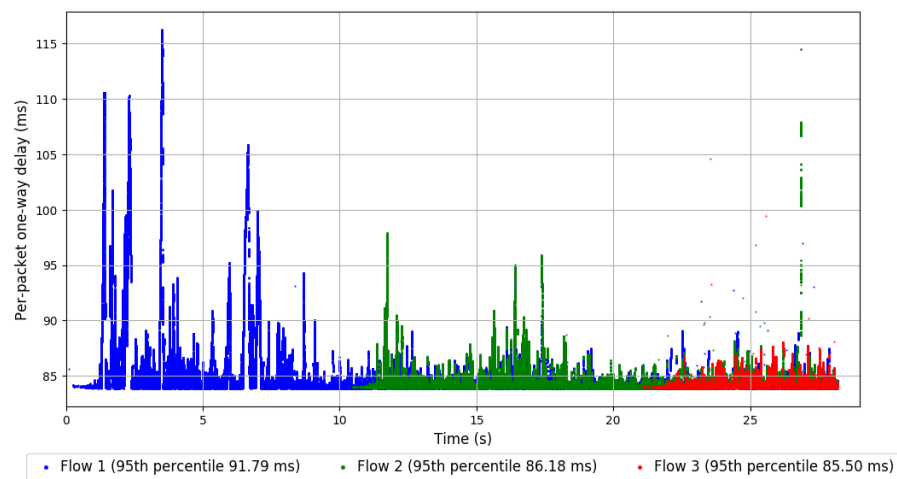
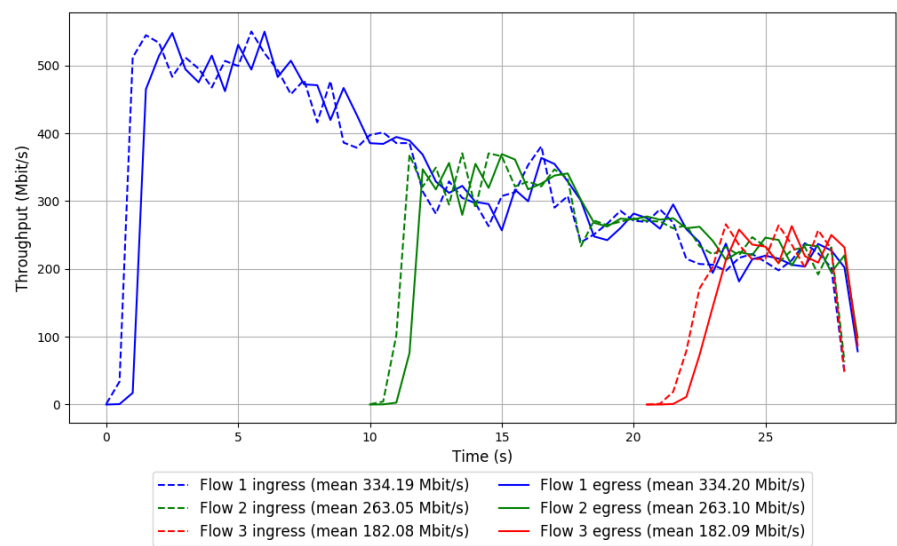


Run 2: Statistics of Indigo-MusesC3

Start at: 2020-02-18 04:09:34
End at: 2020-02-18 04:10:04
Local clock offset: -0.04 ms
Remote clock offset: -0.039 ms

Below is generated by plot.py at 2020-02-18 07:56:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 548.41 Mbit/s
95th percentile per-packet one-way delay: 88.889 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 334.20 Mbit/s
95th percentile per-packet one-way delay: 91.787 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 263.10 Mbit/s
95th percentile per-packet one-way delay: 86.176 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 182.09 Mbit/s
95th percentile per-packet one-way delay: 85.505 ms
Loss rate: 0.00%

Run 2: Report of Indigo-MusesC3 — Data Link

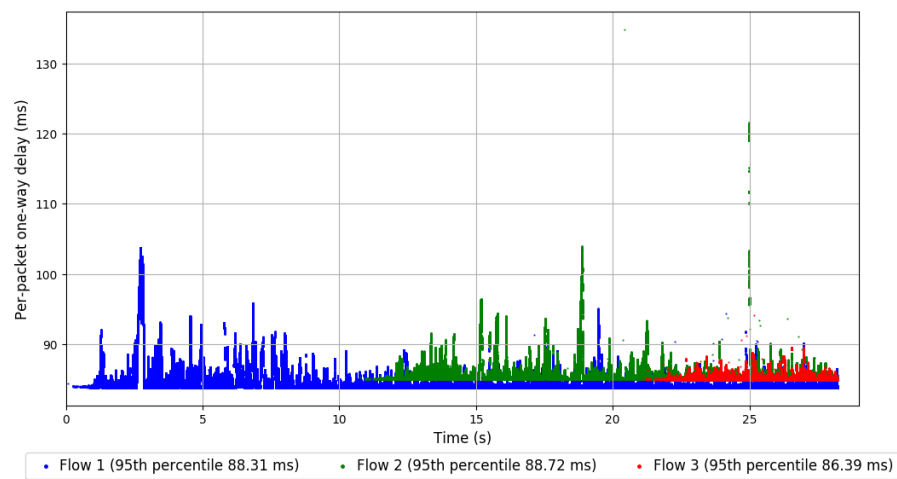
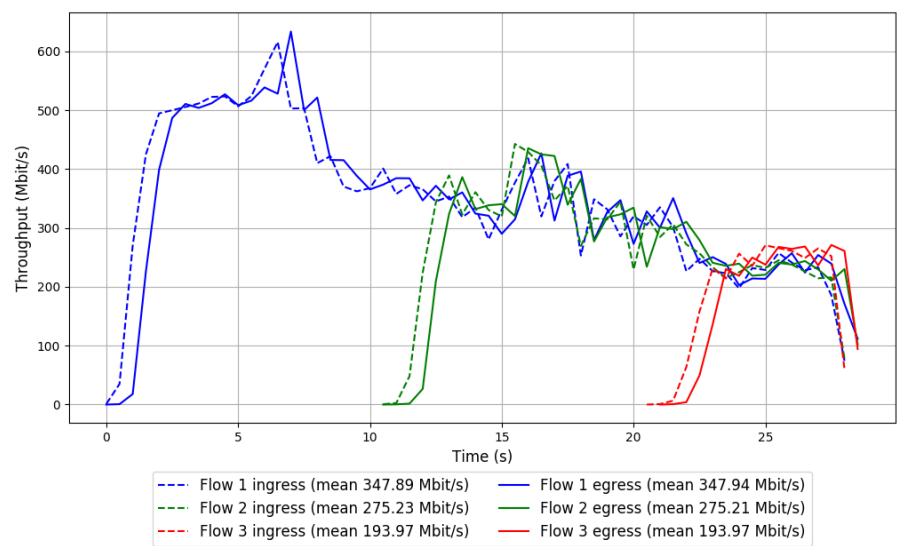


Run 3: Statistics of Indigo-MusesC3

Start at: 2020-02-18 04:49:52
End at: 2020-02-18 04:50:22
Local clock offset: -0.144 ms
Remote clock offset: -0.036 ms

Below is generated by plot.py at 2020-02-18 08:02:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 568.13 Mbit/s
95th percentile per-packet one-way delay: 88.226 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 347.94 Mbit/s
95th percentile per-packet one-way delay: 88.305 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 275.21 Mbit/s
95th percentile per-packet one-way delay: 88.719 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 193.97 Mbit/s
95th percentile per-packet one-way delay: 86.392 ms
Loss rate: 0.00%

Run 3: Report of Indigo-MusesC3 — Data Link

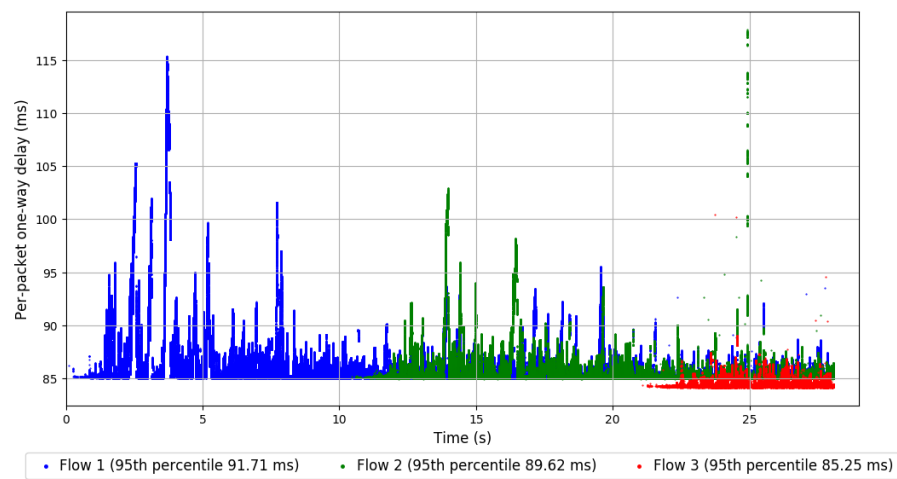
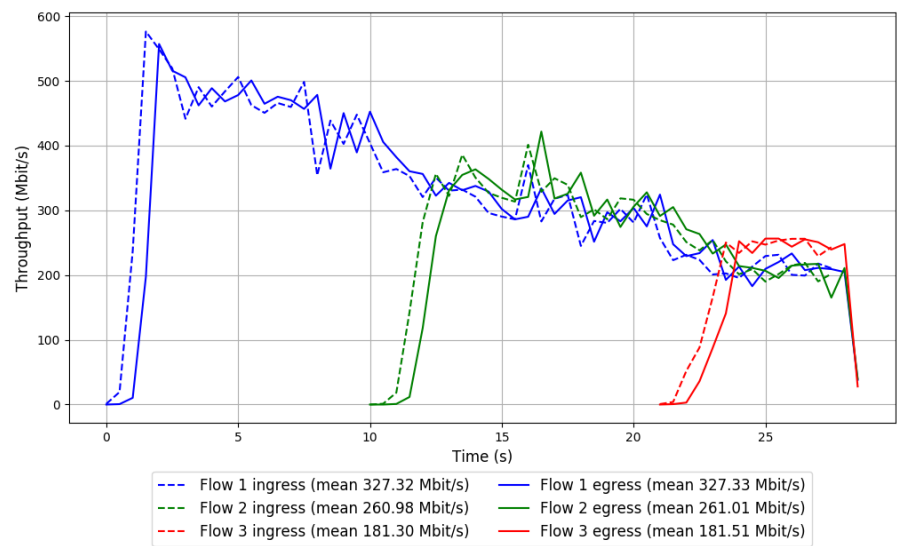


Run 4: Statistics of Indigo-MusesC3

Start at: 2020-02-18 05:30:25
End at: 2020-02-18 05:30:55
Local clock offset: -0.008 ms
Remote clock offset: -0.113 ms

Below is generated by plot.py at 2020-02-18 08:03:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 536.93 Mbit/s
95th percentile per-packet one-way delay: 90.798 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 327.33 Mbit/s
95th percentile per-packet one-way delay: 91.708 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 261.01 Mbit/s
95th percentile per-packet one-way delay: 89.624 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 181.51 Mbit/s
95th percentile per-packet one-way delay: 85.247 ms
Loss rate: 0.00%

Run 4: Report of Indigo-MusesC3 — Data Link

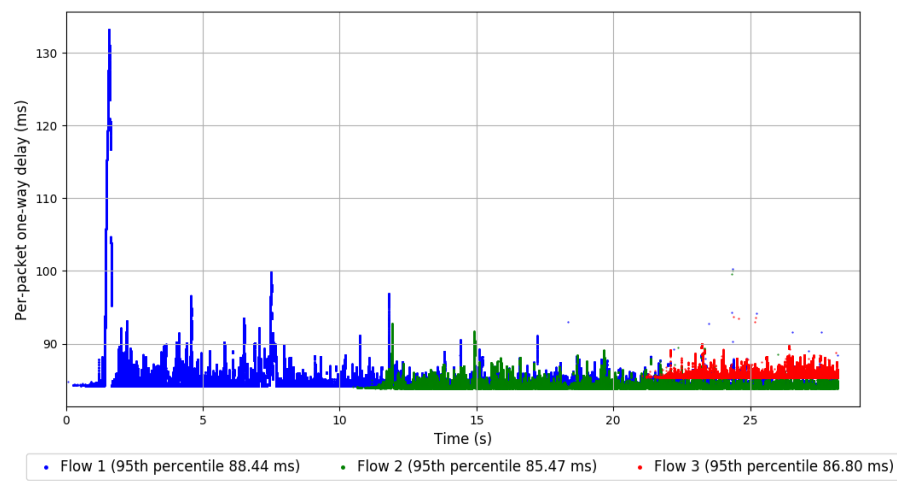
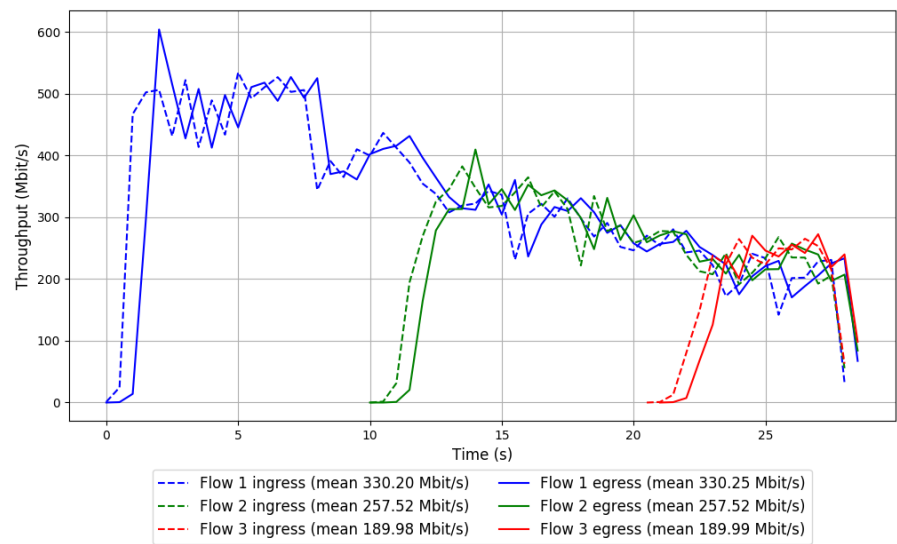


Run 5: Statistics of Indigo-MusesC3

Start at: 2020-02-18 06:10:44
End at: 2020-02-18 06:11:14
Local clock offset: -0.047 ms
Remote clock offset: -0.065 ms

Below is generated by plot.py at 2020-02-18 08:04:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 540.99 Mbit/s
95th percentile per-packet one-way delay: 87.363 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 330.25 Mbit/s
95th percentile per-packet one-way delay: 88.440 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 257.52 Mbit/s
95th percentile per-packet one-way delay: 85.467 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 189.99 Mbit/s
95th percentile per-packet one-way delay: 86.804 ms
Loss rate: 0.02%

Run 5: Report of Indigo-MusesC3 — Data Link

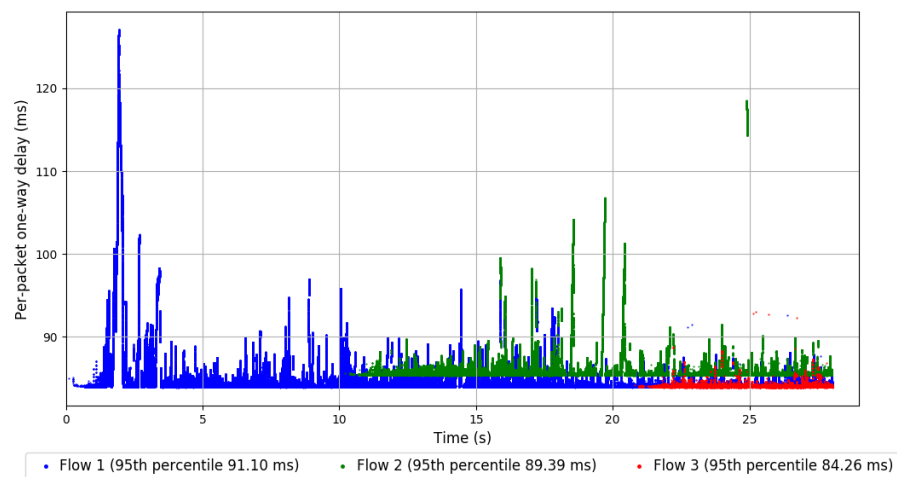
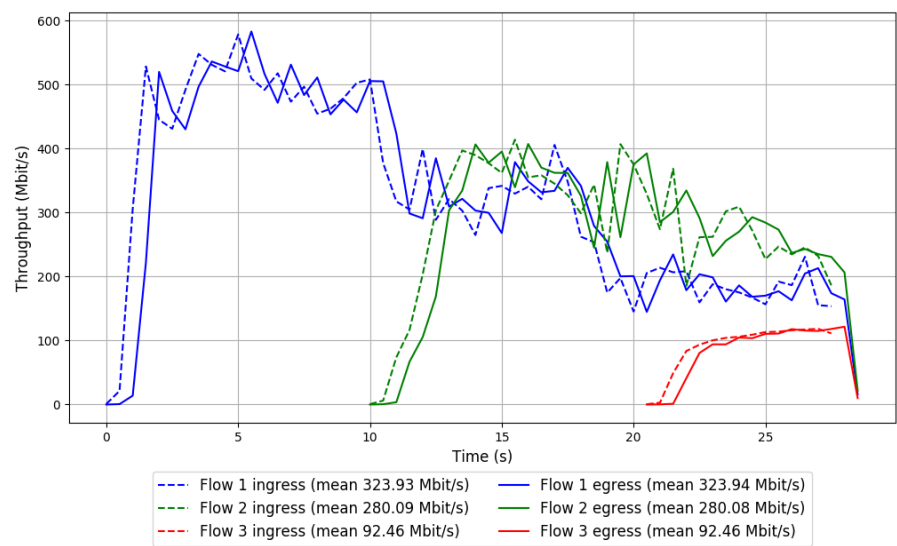


Run 1: Statistics of Indigo-MusesC5

Start at: 2020-02-18 03:12:04
End at: 2020-02-18 03:12:34
Local clock offset: -0.209 ms
Remote clock offset: -0.122 ms

Below is generated by plot.py at 2020-02-18 08:05:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 526.35 Mbit/s
95th percentile per-packet one-way delay: 90.140 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 323.94 Mbit/s
95th percentile per-packet one-way delay: 91.101 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 280.08 Mbit/s
95th percentile per-packet one-way delay: 89.386 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 92.46 Mbit/s
95th percentile per-packet one-way delay: 84.257 ms
Loss rate: 0.00%

Run 1: Report of Indigo-MusesC5 — Data Link

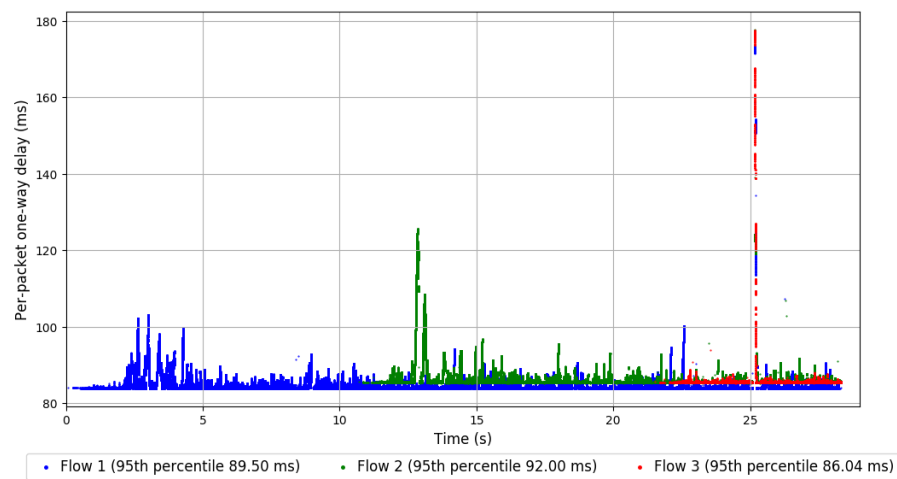
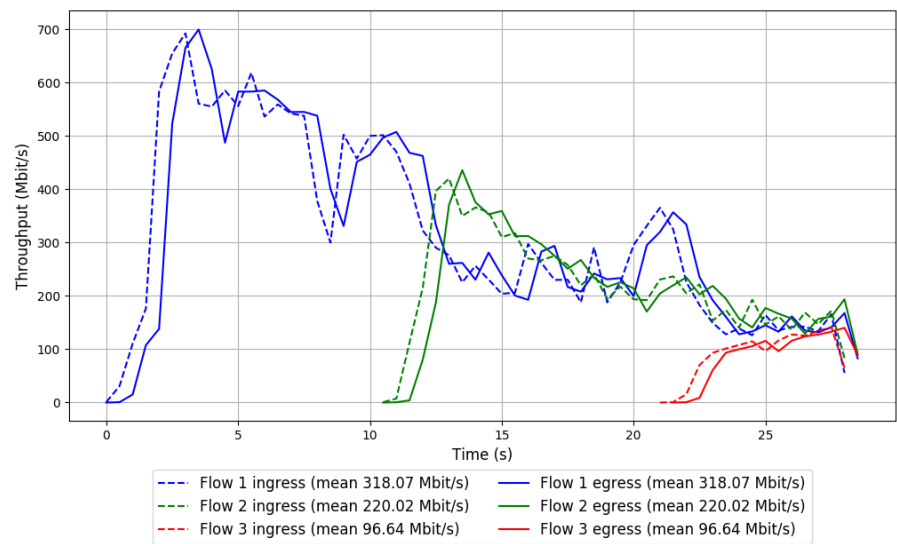


Run 2: Statistics of Indigo-MusesC5

Start at: 2020-02-18 03:52:39
End at: 2020-02-18 03:53:09
Local clock offset: -0.045 ms
Remote clock offset: -0.041 ms

Below is generated by plot.py at 2020-02-18 08:05:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 478.55 Mbit/s
95th percentile per-packet one-way delay: 90.011 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 318.07 Mbit/s
95th percentile per-packet one-way delay: 89.495 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 220.02 Mbit/s
95th percentile per-packet one-way delay: 91.995 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 96.64 Mbit/s
95th percentile per-packet one-way delay: 86.044 ms
Loss rate: 0.00%

Run 2: Report of Indigo-MusesC5 — Data Link

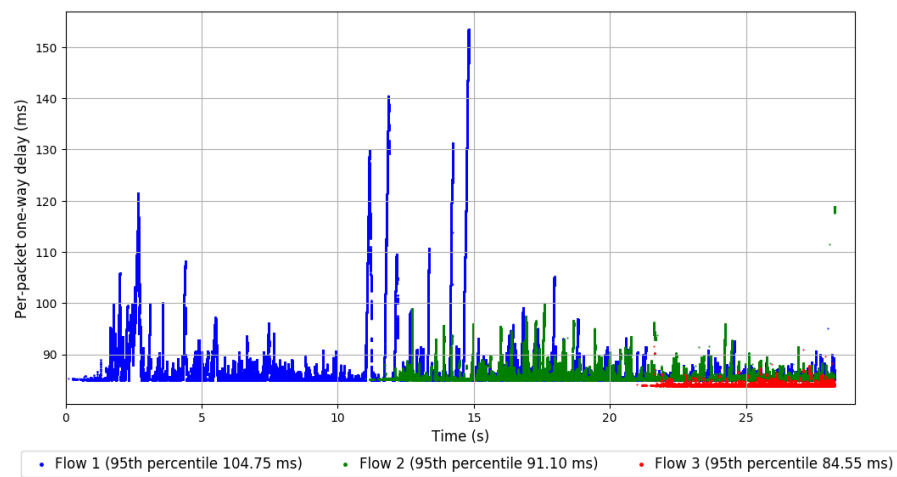
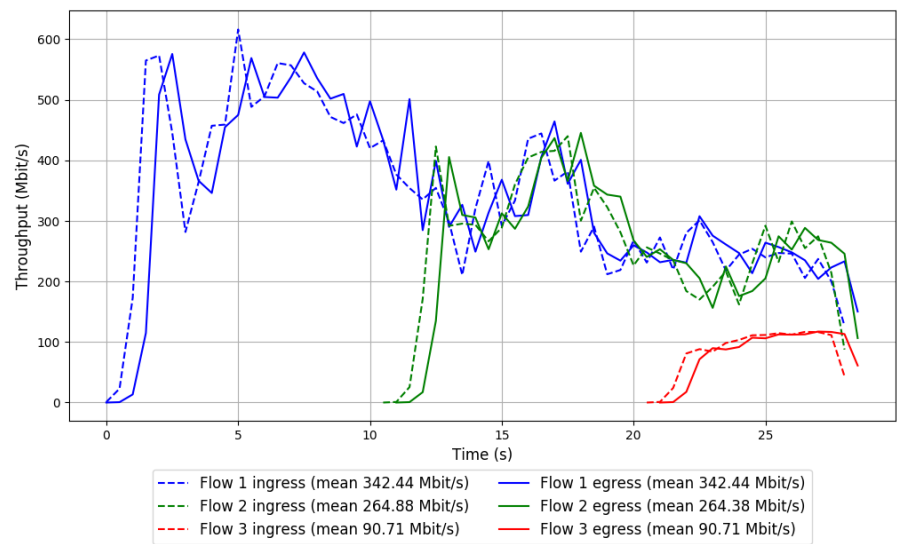


Run 3: Statistics of Indigo-MusesC5

Start at: 2020-02-18 04:32:44
End at: 2020-02-18 04:33:14
Local clock offset: -0.116 ms
Remote clock offset: -0.043 ms

Below is generated by plot.py at 2020-02-18 08:09:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 527.64 Mbit/s
95th percentile per-packet one-way delay: 97.445 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 342.44 Mbit/s
95th percentile per-packet one-way delay: 104.745 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 264.38 Mbit/s
95th percentile per-packet one-way delay: 91.102 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 90.71 Mbit/s
95th percentile per-packet one-way delay: 84.554 ms
Loss rate: 0.00%

Run 3: Report of Indigo-MusesC5 — Data Link

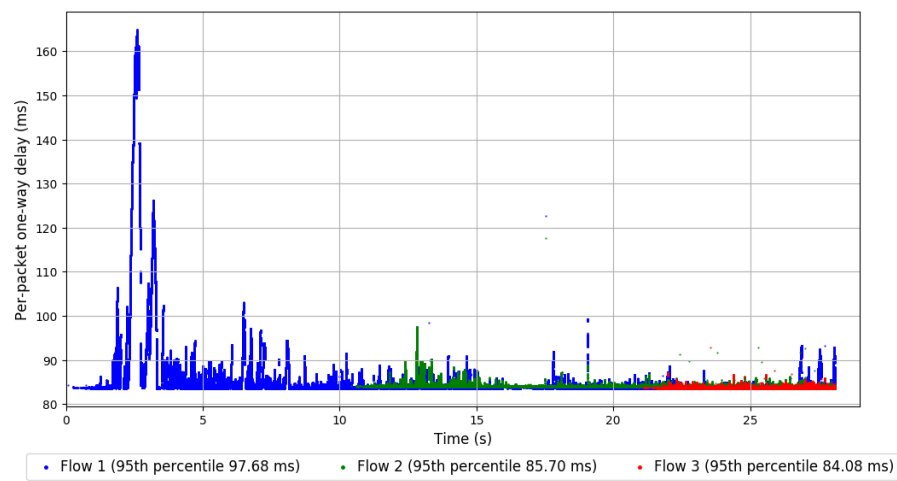
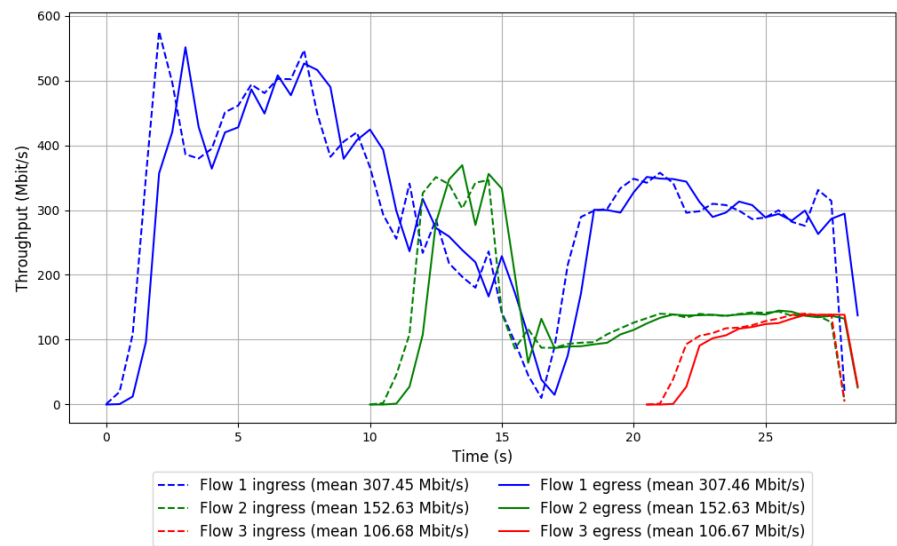


Run 4: Statistics of Indigo-MusesC5

Start at: 2020-02-18 05:13:15
End at: 2020-02-18 05:13:45
Local clock offset: 0.244 ms
Remote clock offset: -0.118 ms

Below is generated by plot.py at 2020-02-18 08:09:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 430.96 Mbit/s
95th percentile per-packet one-way delay: 93.243 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 307.46 Mbit/s
95th percentile per-packet one-way delay: 97.679 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 152.63 Mbit/s
95th percentile per-packet one-way delay: 85.697 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 106.67 Mbit/s
95th percentile per-packet one-way delay: 84.076 ms
Loss rate: 0.00%

Run 4: Report of Indigo-MusesC5 — Data Link

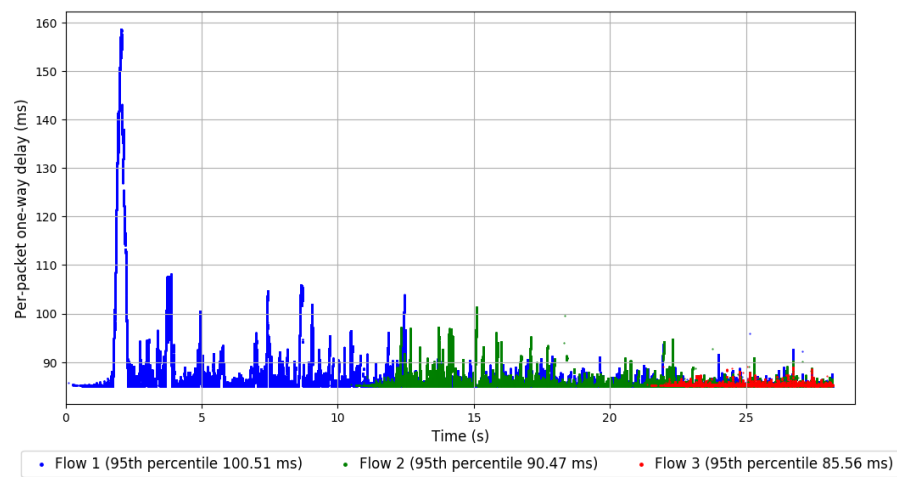
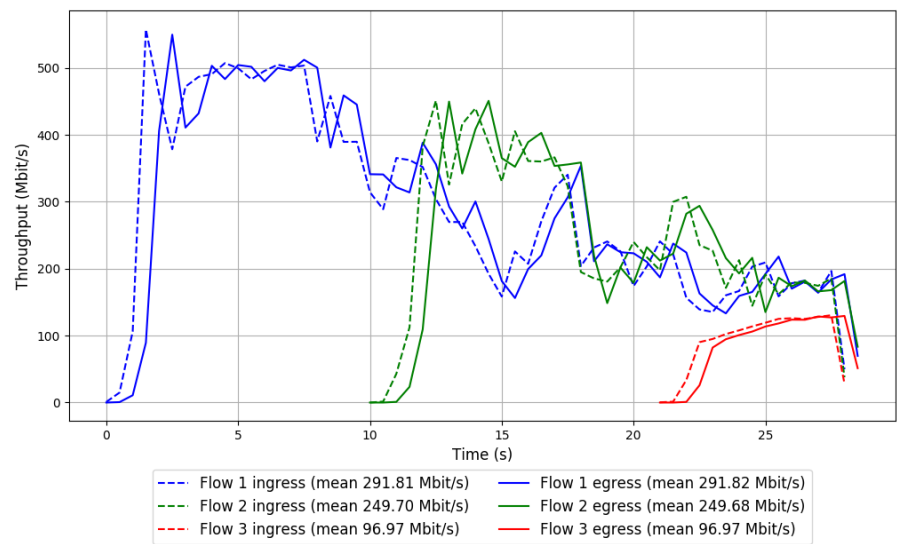


Run 5: Statistics of Indigo-MusesC5

Start at: 2020-02-18 05:54:01
End at: 2020-02-18 05:54:31
Local clock offset: -0.055 ms
Remote clock offset: -0.024 ms

Below is generated by plot.py at 2020-02-18 08:09:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 472.46 Mbit/s
95th percentile per-packet one-way delay: 94.484 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 291.82 Mbit/s
95th percentile per-packet one-way delay: 100.512 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 249.68 Mbit/s
95th percentile per-packet one-way delay: 90.469 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 96.97 Mbit/s
95th percentile per-packet one-way delay: 85.562 ms
Loss rate: 0.00%

Run 5: Report of Indigo-MusesC5 — Data Link



Run 1: Statistics of Indigo-MusesD

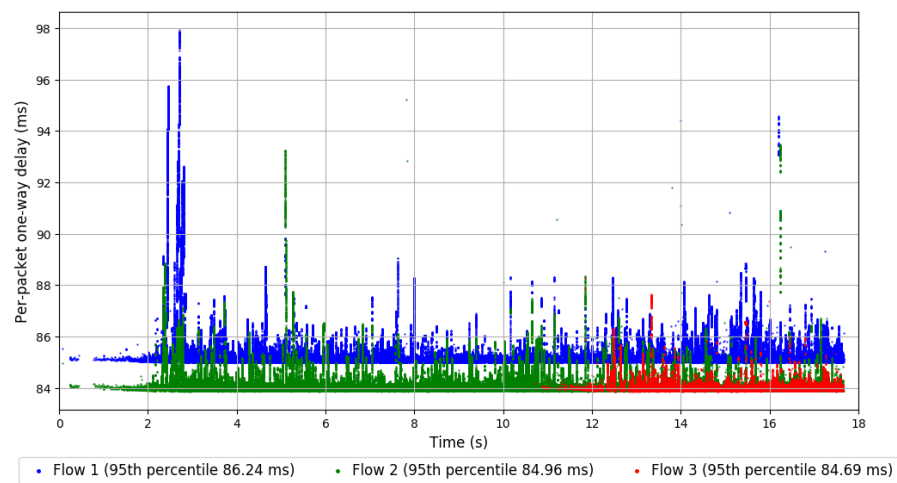
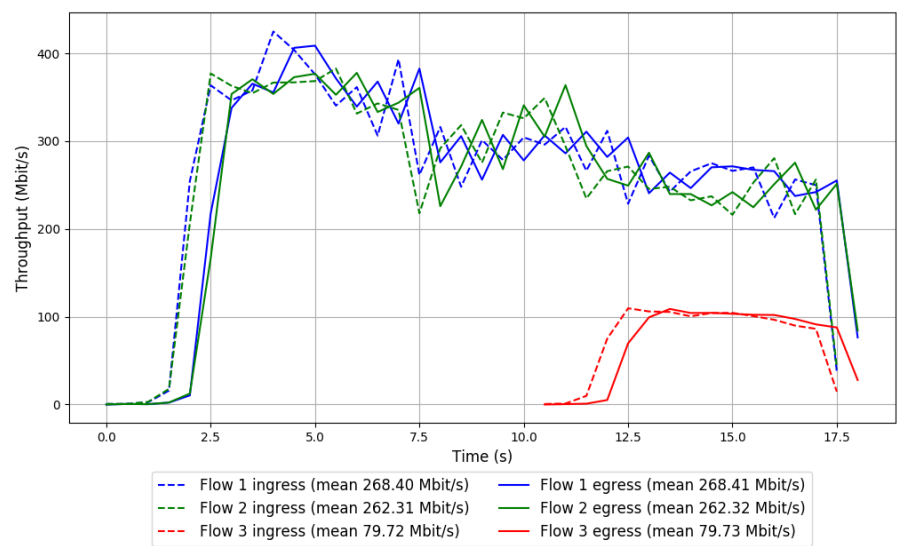
Start at: 2020-02-18 03:05:01

End at: 2020-02-18 03:05:31

Local clock offset: -0.212 ms

Remote clock offset: -0.176 ms

Run 1: Report of Indigo-MusesD — Data Link

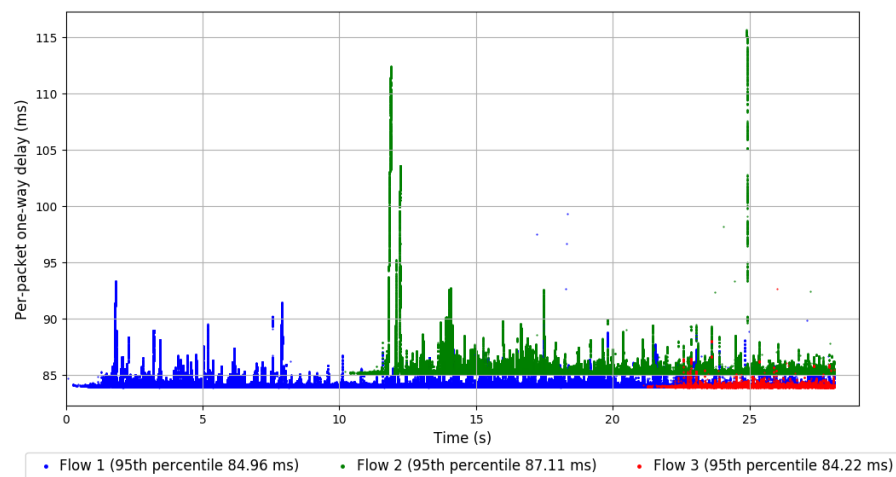
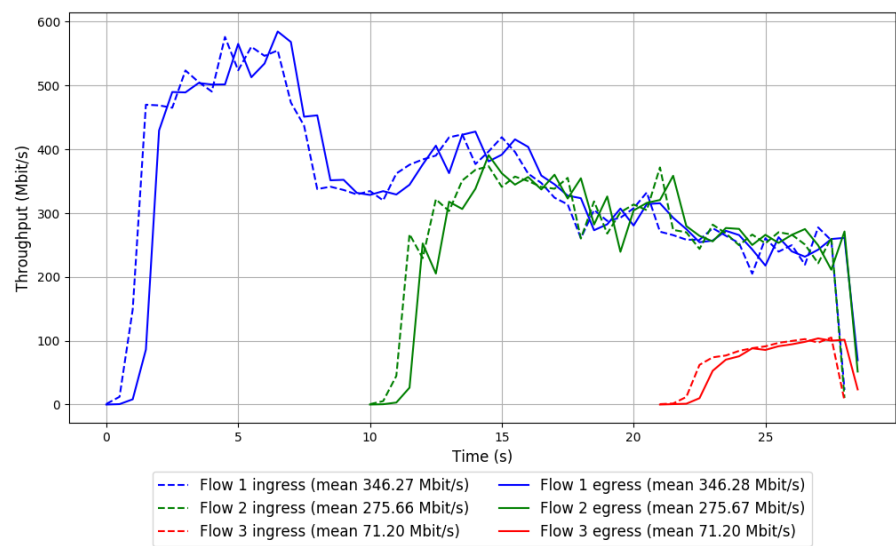


Run 2: Statistics of Indigo-MusesD

Start at: 2020-02-18 03:45:30
End at: 2020-02-18 03:46:00
Local clock offset: -0.082 ms
Remote clock offset: -0.038 ms

Below is generated by plot.py at 2020-02-18 08:16:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 540.18 Mbit/s
95th percentile per-packet one-way delay: 85.972 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 346.28 Mbit/s
95th percentile per-packet one-way delay: 84.963 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 275.67 Mbit/s
95th percentile per-packet one-way delay: 87.107 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 71.20 Mbit/s
95th percentile per-packet one-way delay: 84.225 ms
Loss rate: 0.00%

Run 2: Report of Indigo-MusesD — Data Link

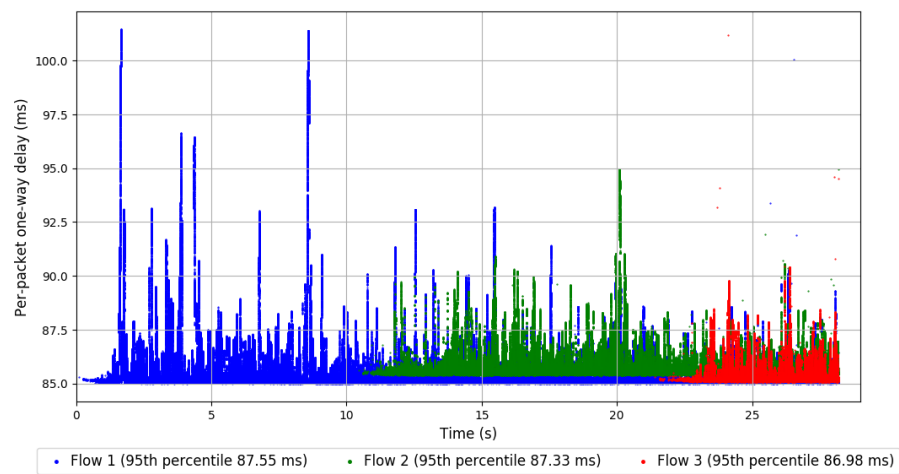
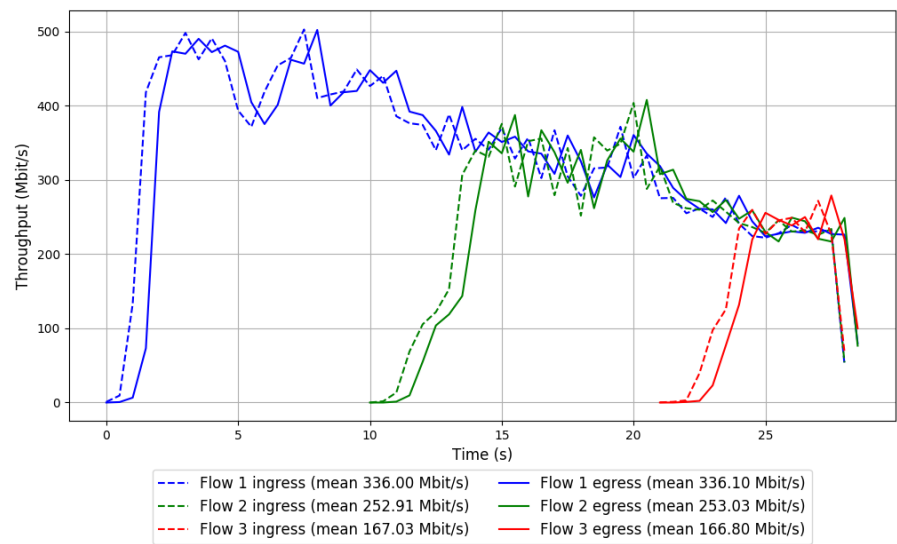


Run 3: Statistics of Indigo-MusesD

Start at: 2020-02-18 04:25:41
End at: 2020-02-18 04:26:11
Local clock offset: -0.14 ms
Remote clock offset: -0.051 ms

Below is generated by plot.py at 2020-02-18 08:17:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 536.12 Mbit/s
95th percentile per-packet one-way delay: 87.388 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 336.10 Mbit/s
95th percentile per-packet one-way delay: 87.552 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 253.03 Mbit/s
95th percentile per-packet one-way delay: 87.334 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 166.80 Mbit/s
95th percentile per-packet one-way delay: 86.981 ms
Loss rate: 0.64%

Run 3: Report of Indigo-MusesD — Data Link

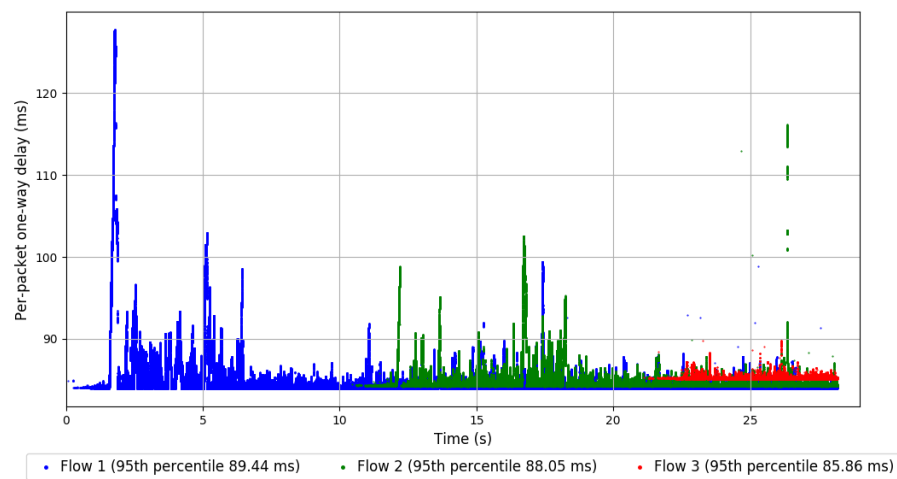
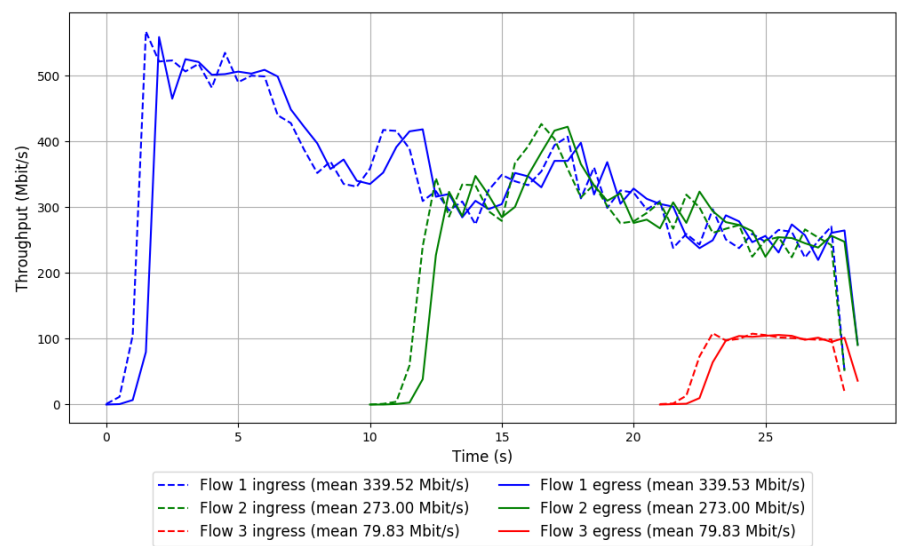


Run 4: Statistics of Indigo-MusesD

Start at: 2020-02-18 05:06:05
End at: 2020-02-18 05:06:35
Local clock offset: -0.073 ms
Remote clock offset: -0.092 ms

Below is generated by plot.py at 2020-02-18 08:18:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 531.85 Mbit/s
95th percentile per-packet one-way delay: 88.827 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 339.53 Mbit/s
95th percentile per-packet one-way delay: 89.440 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 273.00 Mbit/s
95th percentile per-packet one-way delay: 88.052 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 79.83 Mbit/s
95th percentile per-packet one-way delay: 85.864 ms
Loss rate: 0.00%

Run 4: Report of Indigo-MusesD — Data Link

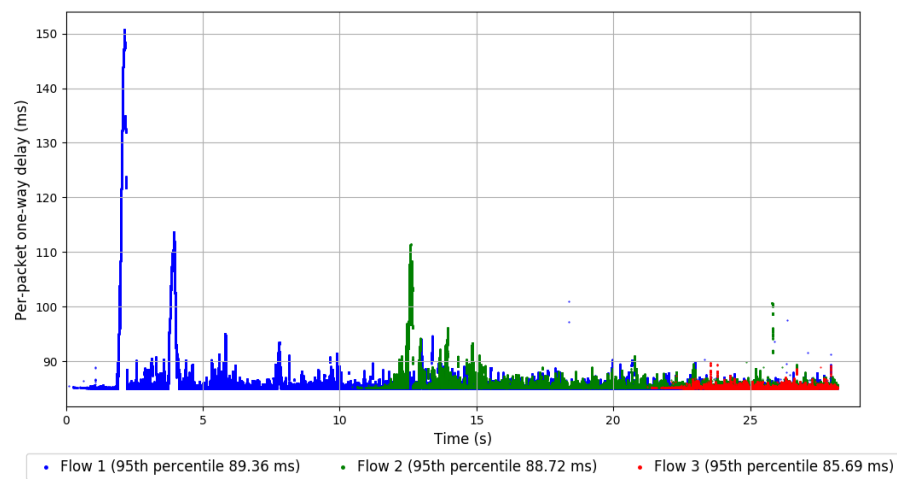
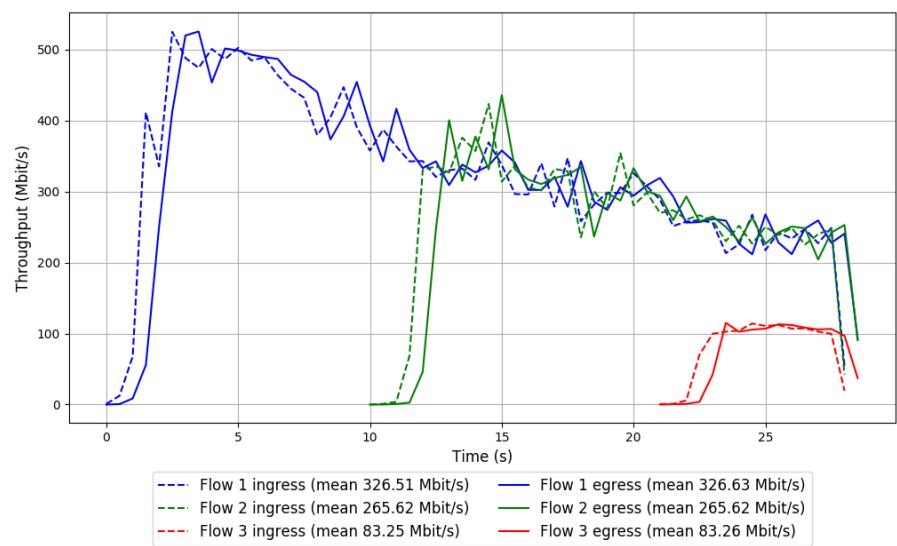


Run 5: Statistics of Indigo-MusesD

Start at: 2020-02-18 05:46:46
End at: 2020-02-18 05:47:16
Local clock offset: -0.026 ms
Remote clock offset: -0.025 ms

Below is generated by plot.py at 2020-02-18 08:18:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 514.75 Mbit/s
95th percentile per-packet one-way delay: 88.991 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 326.63 Mbit/s
95th percentile per-packet one-way delay: 89.363 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 265.62 Mbit/s
95th percentile per-packet one-way delay: 88.724 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 83.26 Mbit/s
95th percentile per-packet one-way delay: 85.695 ms
Loss rate: 0.00%

Run 5: Report of Indigo-MusesD — Data Link

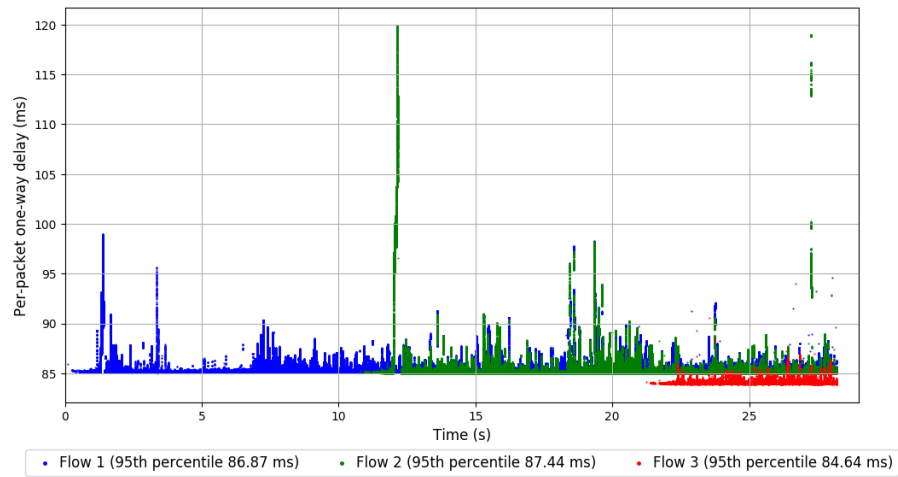
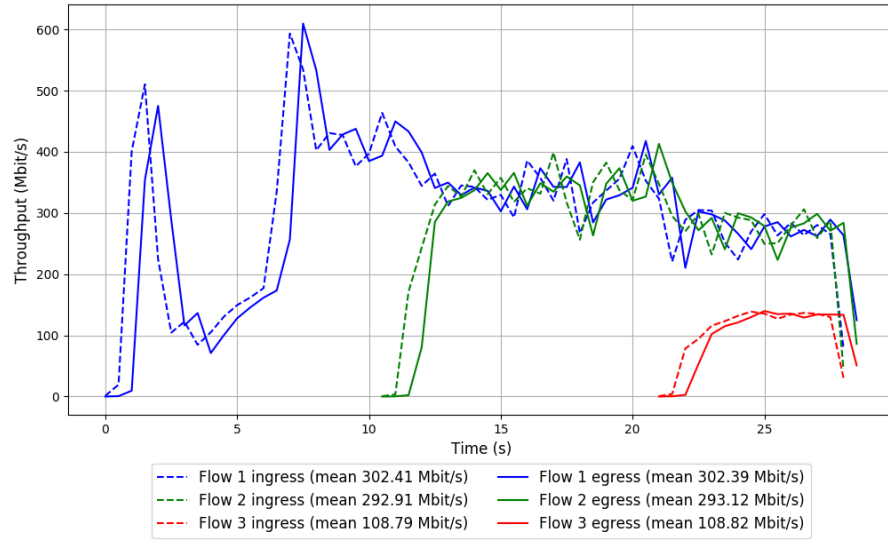


Run 1: Statistics of Indigo-MusesT

Start at: 2020-02-18 03:42:03
End at: 2020-02-18 03:42:33
Local clock offset: -0.052 ms
Remote clock offset: -0.026 ms

Below is generated by plot.py at 2020-02-18 08:20:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 510.93 Mbit/s
95th percentile per-packet one-way delay: 86.933 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 302.39 Mbit/s
95th percentile per-packet one-way delay: 86.870 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 293.12 Mbit/s
95th percentile per-packet one-way delay: 87.440 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 108.82 Mbit/s
95th percentile per-packet one-way delay: 84.640 ms
Loss rate: 0.00%

Run 1: Report of Indigo-MusesT — Data Link

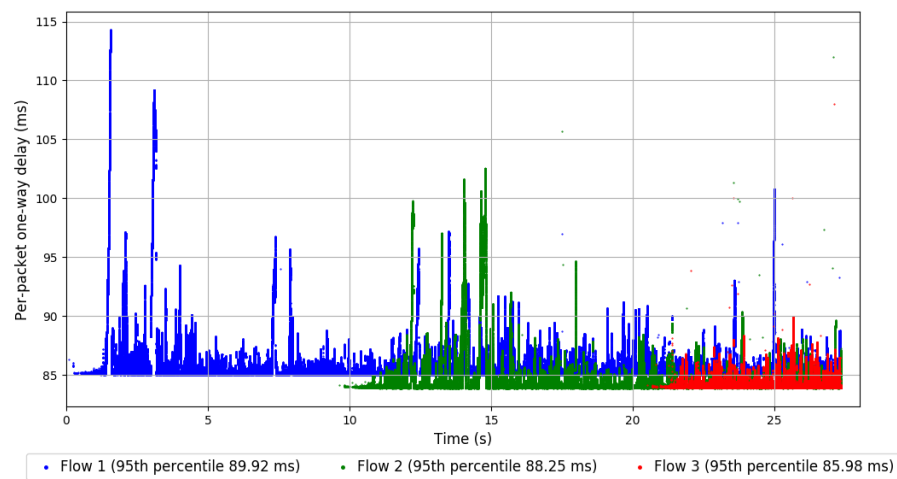
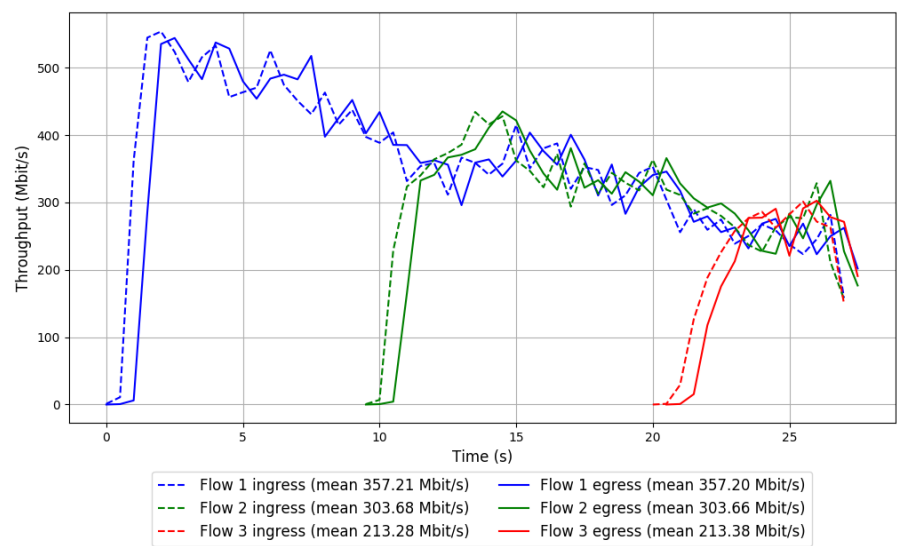


Run 2: Statistics of Indigo-MusesT

Start at: 2020-02-18 04:22:10
End at: 2020-02-18 04:22:40
Local clock offset: -0.092 ms
Remote clock offset: -0.016 ms

Below is generated by plot.py at 2020-02-18 08:23:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 607.87 Mbit/s
95th percentile per-packet one-way delay: 89.052 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 357.20 Mbit/s
95th percentile per-packet one-way delay: 89.923 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 303.66 Mbit/s
95th percentile per-packet one-way delay: 88.252 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 213.38 Mbit/s
95th percentile per-packet one-way delay: 85.983 ms
Loss rate: 0.00%

Run 2: Report of Indigo-MusesT — Data Link

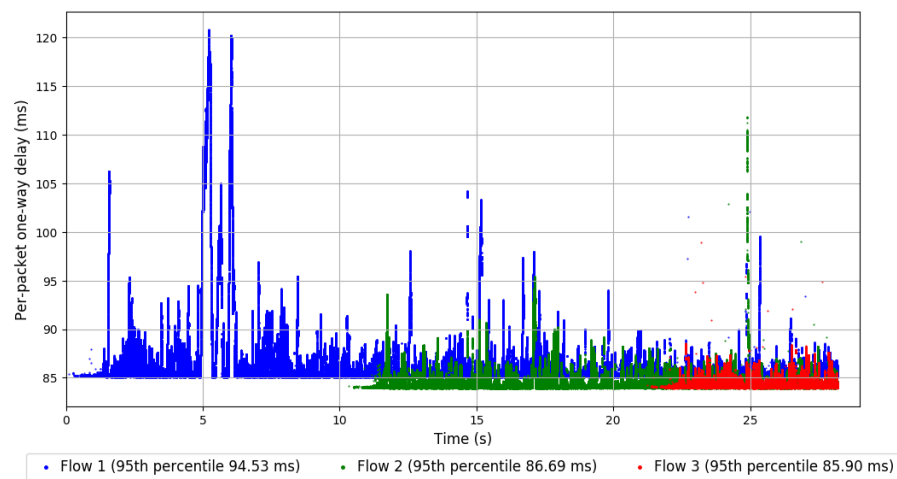
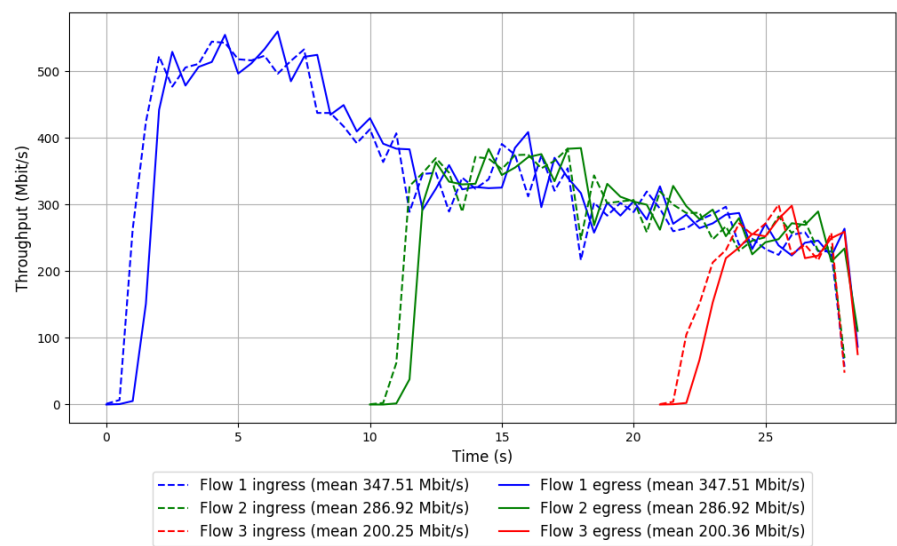


Run 3: Statistics of Indigo-MusesT

Start at: 2020-02-18 05:02:39
End at: 2020-02-18 05:03:09
Local clock offset: -0.115 ms
Remote clock offset: -0.099 ms

Below is generated by plot.py at 2020-02-18 08:23:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 579.43 Mbit/s
95th percentile per-packet one-way delay: 90.983 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 347.51 Mbit/s
95th percentile per-packet one-way delay: 94.528 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 286.92 Mbit/s
95th percentile per-packet one-way delay: 86.691 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 200.36 Mbit/s
95th percentile per-packet one-way delay: 85.901 ms
Loss rate: 0.00%

Run 3: Report of Indigo-MusesT — Data Link

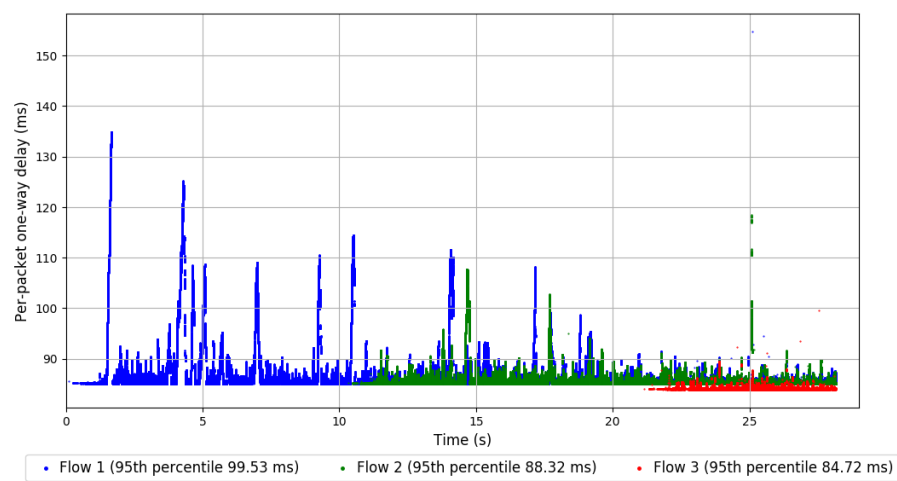
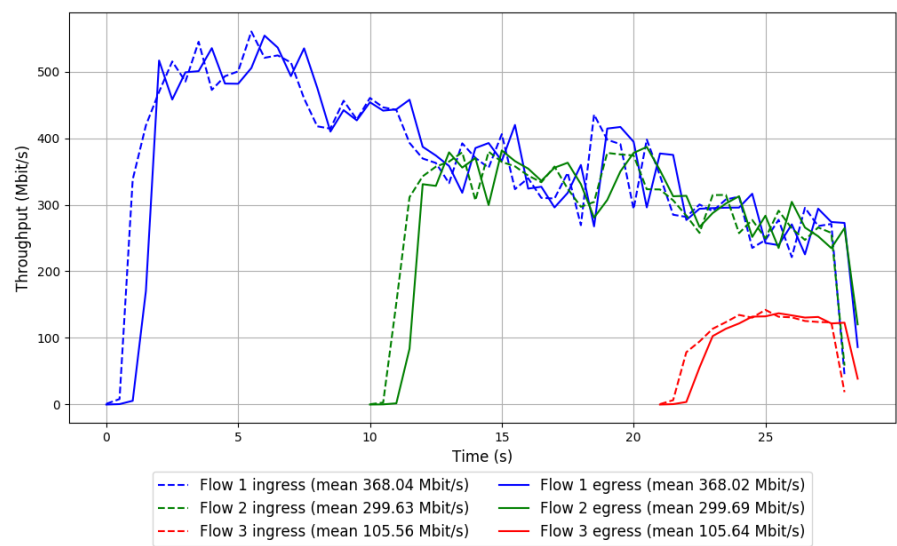


Run 4: Statistics of Indigo-MusesT

Start at: 2020-02-18 05:43:17
End at: 2020-02-18 05:43:47
Local clock offset: -0.034 ms
Remote clock offset: -0.042 ms

Below is generated by plot.py at 2020-02-18 08:25:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 584.85 Mbit/s
95th percentile per-packet one-way delay: 93.629 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 368.02 Mbit/s
95th percentile per-packet one-way delay: 99.531 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 299.69 Mbit/s
95th percentile per-packet one-way delay: 88.318 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 105.64 Mbit/s
95th percentile per-packet one-way delay: 84.718 ms
Loss rate: 0.00%

Run 4: Report of Indigo-MusesT — Data Link

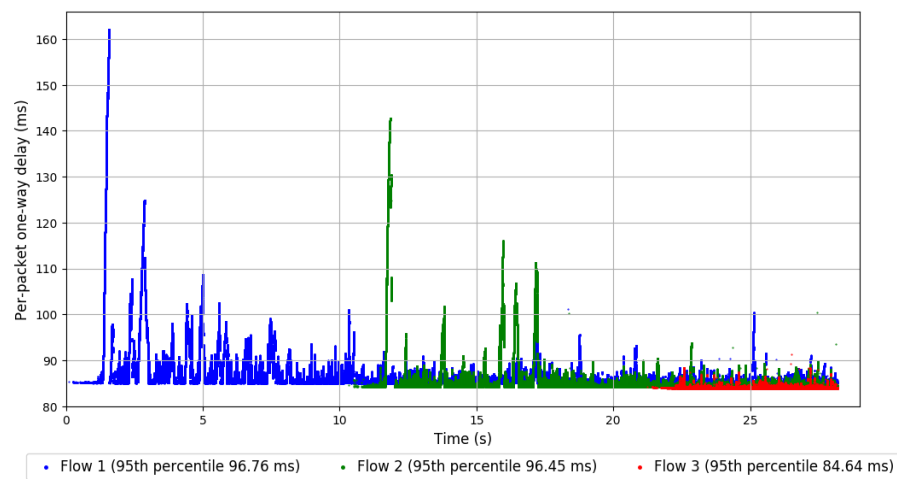
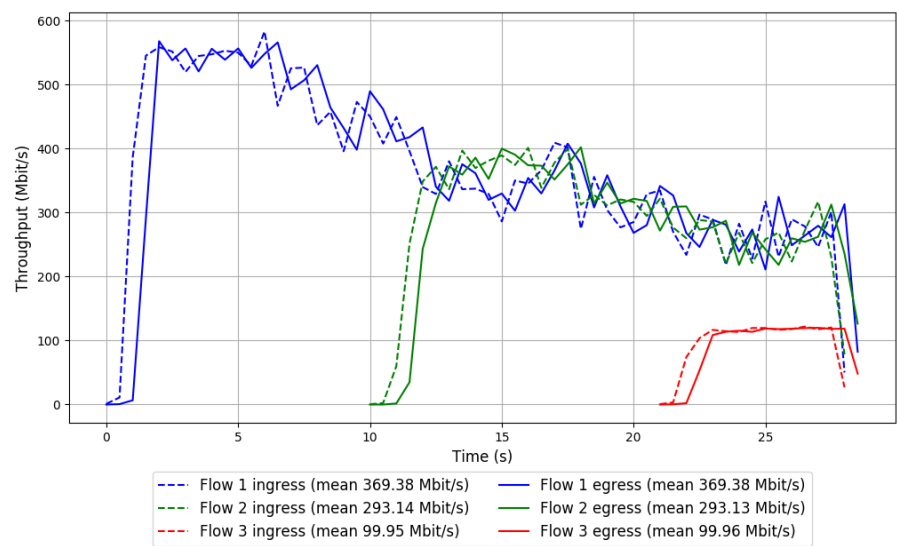


Run 5: Statistics of Indigo-MusesT

Start at: 2020-02-18 06:23:33
End at: 2020-02-18 06:24:03
Local clock offset: -0.076 ms
Remote clock offset: -0.034 ms

Below is generated by plot.py at 2020-02-18 08:30:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 580.31 Mbit/s
95th percentile per-packet one-way delay: 96.304 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 369.38 Mbit/s
95th percentile per-packet one-way delay: 96.760 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 293.13 Mbit/s
95th percentile per-packet one-way delay: 96.452 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 99.96 Mbit/s
95th percentile per-packet one-way delay: 84.641 ms
Loss rate: 0.00%

Run 5: Report of Indigo-MusesT — Data Link

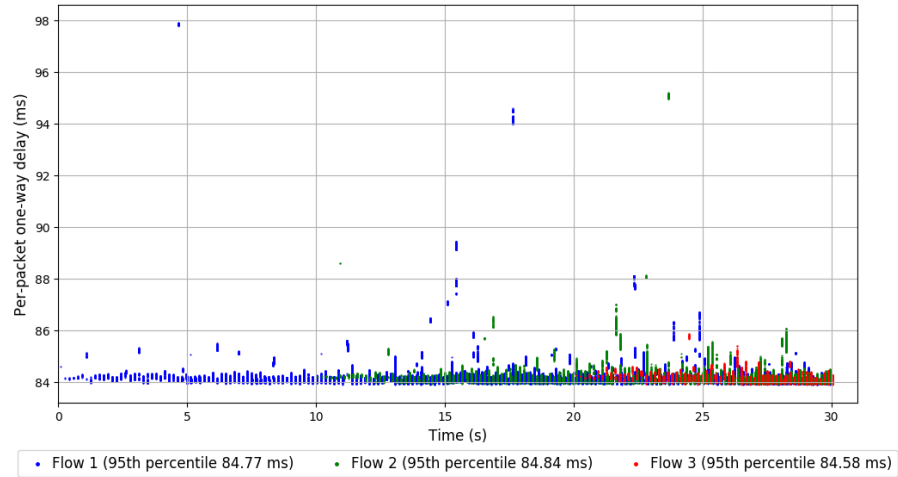
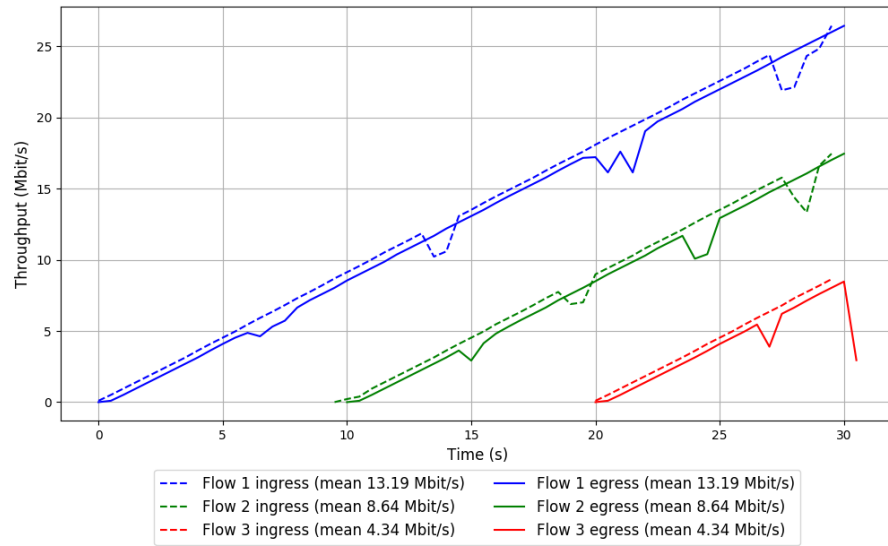


```
Run 1: Statistics of LEDBAT

Start at: 2020-02-18 03:15:30
End at: 2020-02-18 03:16:00
Local clock offset: -0.18 ms
Remote clock offset: -0.109 ms

# Below is generated by plot.py at 2020-02-18 08:30:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 20.33 Mbit/s
95th percentile per-packet one-way delay: 84.751 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.19 Mbit/s
95th percentile per-packet one-way delay: 84.768 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.64 Mbit/s
95th percentile per-packet one-way delay: 84.845 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.34 Mbit/s
95th percentile per-packet one-way delay: 84.585 ms
Loss rate: 0.00%
```

Run 1: Report of LEDBAT — Data Link

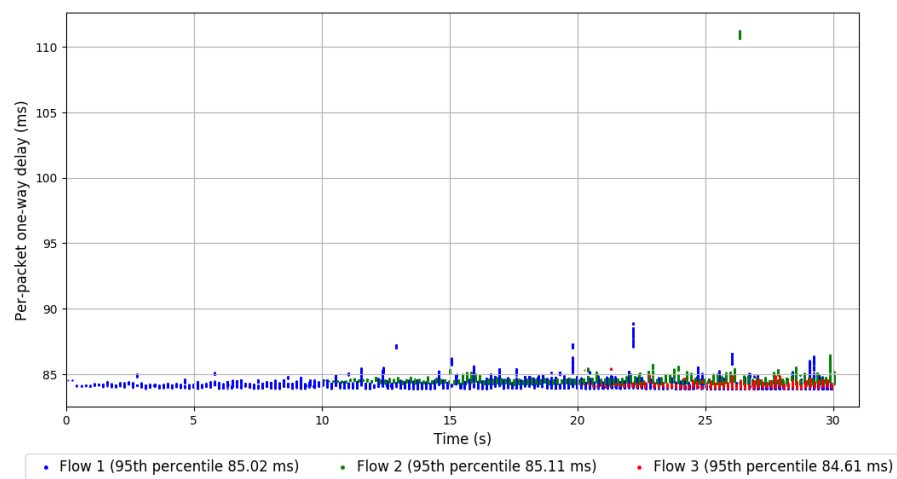
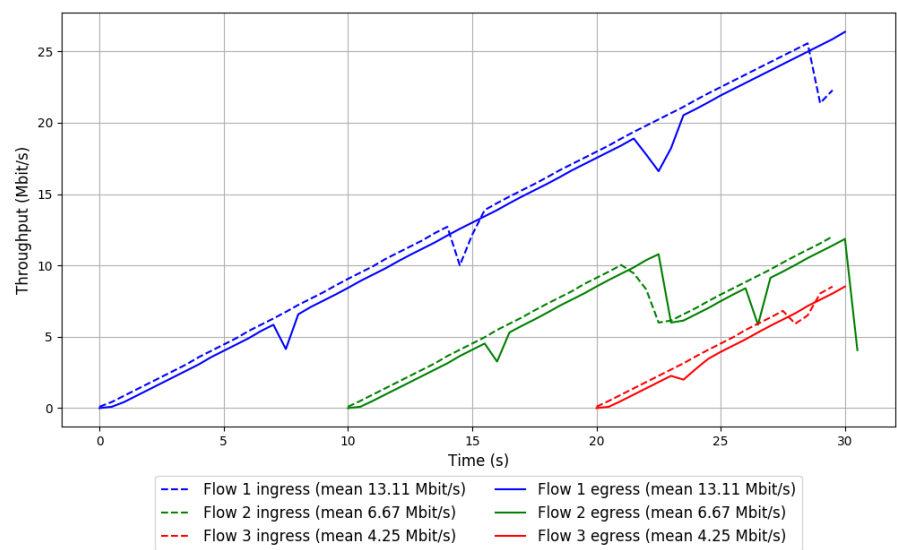


Run 2: Statistics of LEDBAT

Start at: 2020-02-18 03:56:05
End at: 2020-02-18 03:56:35
Local clock offset: -0.05 ms
Remote clock offset: -0.023 ms

Below is generated by plot.py at 2020-02-18 08:30:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 18.90 Mbit/s
95th percentile per-packet one-way delay: 85.026 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.11 Mbit/s
95th percentile per-packet one-way delay: 85.015 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.67 Mbit/s
95th percentile per-packet one-way delay: 85.115 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 4.25 Mbit/s
95th percentile per-packet one-way delay: 84.606 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2020-02-18 04:36:14

End at: 2020-02-18 04:36:44

Local clock offset: -0.187 ms

Remote clock offset: -0.02 ms

Below is generated by plot.py at 2020-02-18 08:30:54

Datalink statistics

-- Total of 3 flows:

Average throughput: 20.32 Mbit/s

95th percentile per-packet one-way delay: 85.299 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 13.08 Mbit/s

95th percentile per-packet one-way delay: 85.234 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 8.79 Mbit/s

95th percentile per-packet one-way delay: 84.738 ms

Loss rate: 0.00%

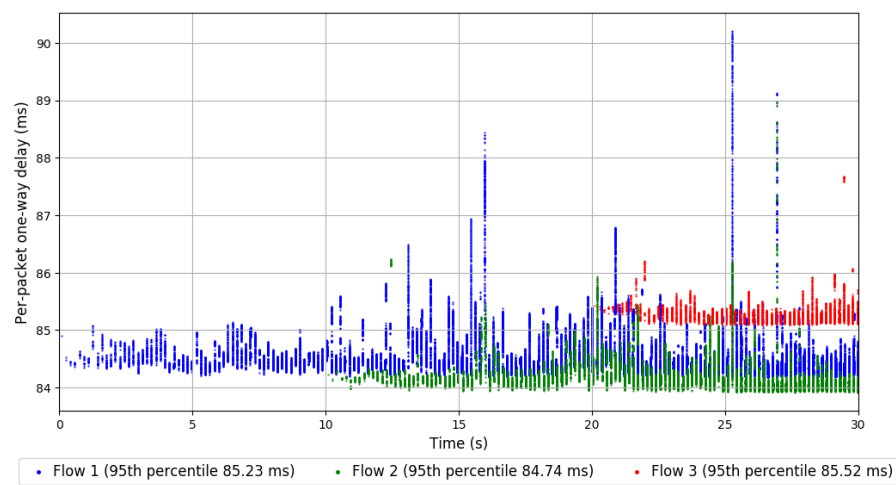
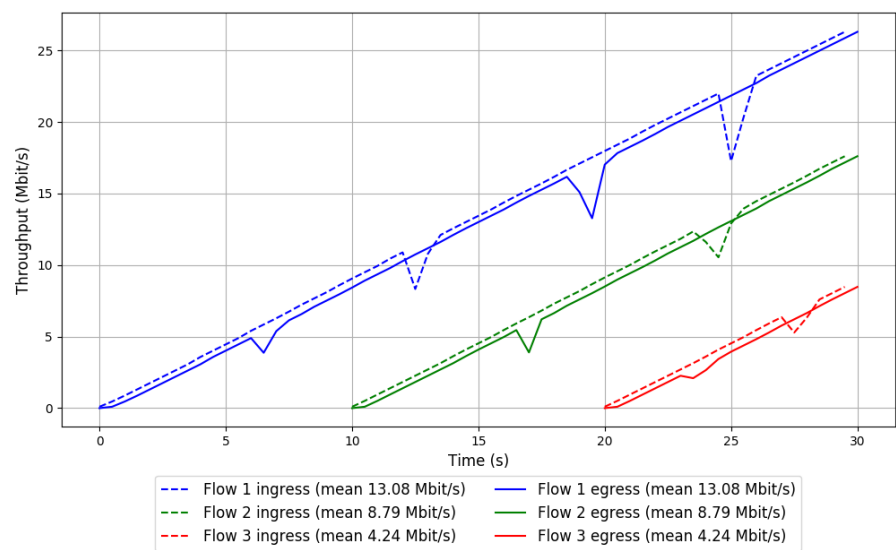
-- Flow 3:

Average throughput: 4.24 Mbit/s

95th percentile per-packet one-way delay: 85.520 ms

Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

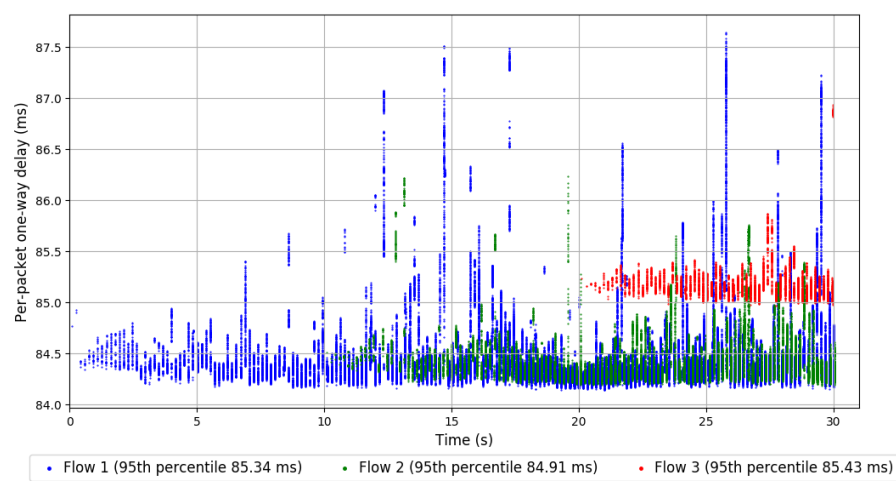
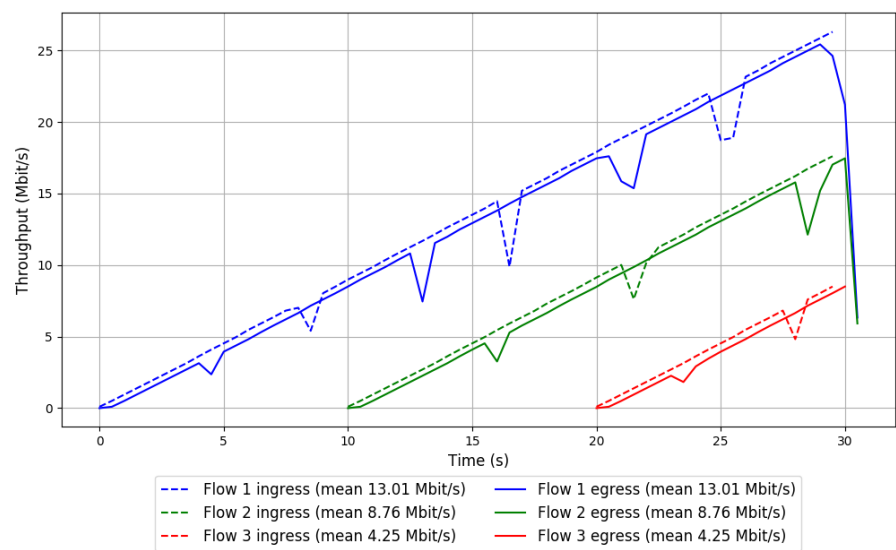


Run 4: Statistics of LEDBAT

Start at: 2020-02-18 05:16:38
End at: 2020-02-18 05:17:08
Local clock offset: -0.077 ms
Remote clock offset: -0.141 ms

Below is generated by plot.py at 2020-02-18 08:30:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 20.24 Mbit/s
95th percentile per-packet one-way delay: 85.277 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.01 Mbit/s
95th percentile per-packet one-way delay: 85.342 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.76 Mbit/s
95th percentile per-packet one-way delay: 84.906 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.25 Mbit/s
95th percentile per-packet one-way delay: 85.432 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

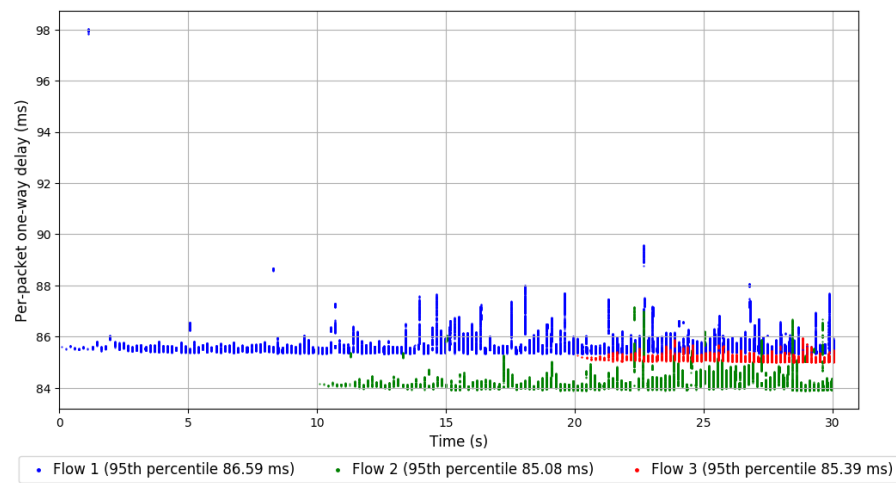
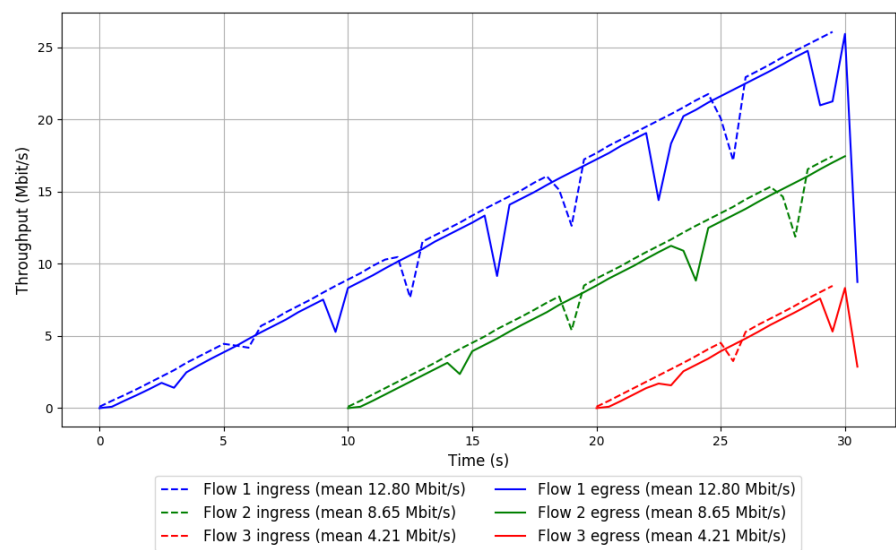


Run 5: Statistics of LEDBAT

Start at: 2020-02-18 05:57:22
End at: 2020-02-18 05:57:52
Local clock offset: -0.026 ms
Remote clock offset: -0.027 ms

Below is generated by plot.py at 2020-02-18 08:30:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 19.93 Mbit/s
95th percentile per-packet one-way delay: 86.385 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.80 Mbit/s
95th percentile per-packet one-way delay: 86.590 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 8.65 Mbit/s
95th percentile per-packet one-way delay: 85.078 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.21 Mbit/s
95th percentile per-packet one-way delay: 85.389 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

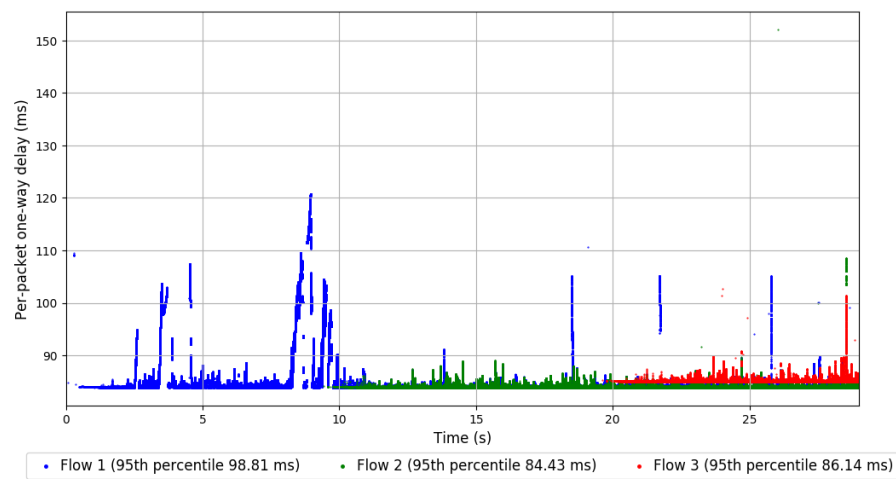
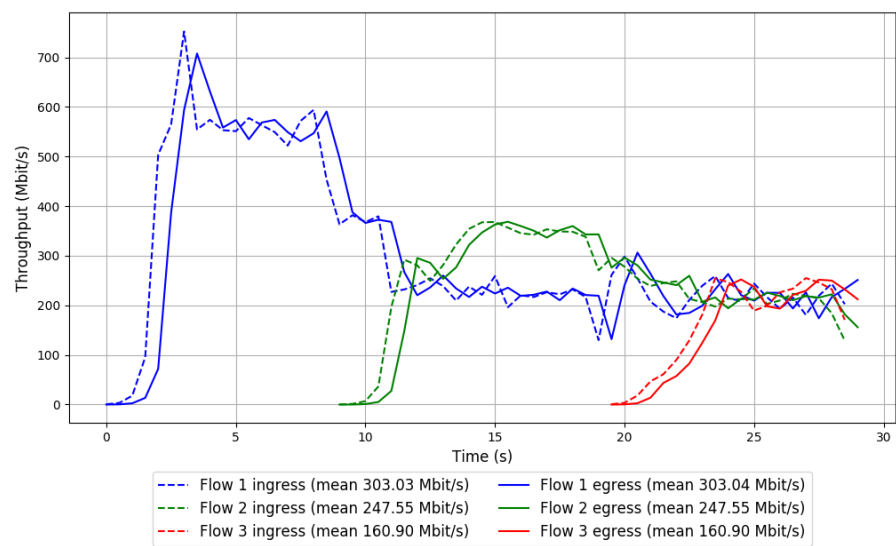


Run 1: Statistics of Muses_DecisionTree

Start at: 2020-02-18 03:32:19
End at: 2020-02-18 03:32:49
Local clock offset: -0.07 ms
Remote clock offset: -0.049 ms

Below is generated by plot.py at 2020-02-18 08:33:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 522.66 Mbit/s
95th percentile per-packet one-way delay: 90.341 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 303.04 Mbit/s
95th percentile per-packet one-way delay: 98.810 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 247.55 Mbit/s
95th percentile per-packet one-way delay: 84.433 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 160.90 Mbit/s
95th percentile per-packet one-way delay: 86.143 ms
Loss rate: 0.00%

Run 1: Report of Muses_DecisionTree — Data Link

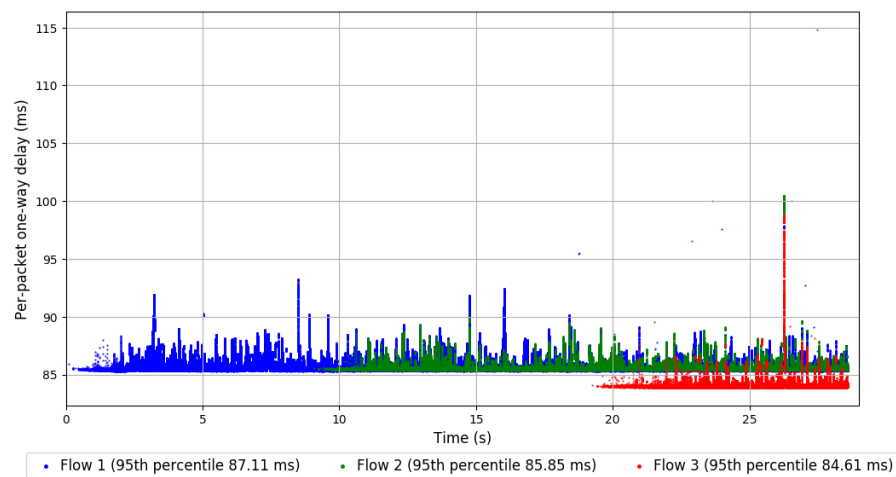
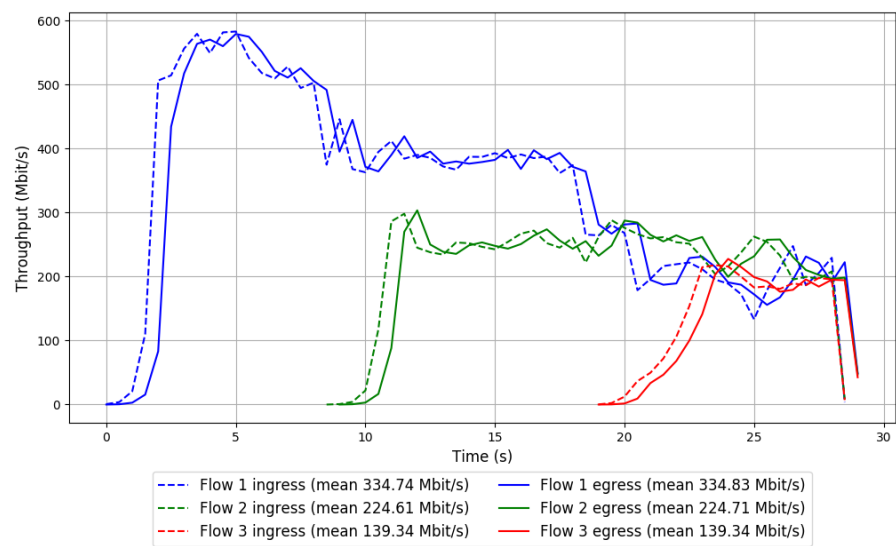


Run 2: Statistics of Muses_DecisionTree

Start at: 2020-02-18 04:12:40
End at: 2020-02-18 04:13:10
Local clock offset: -0.025 ms
Remote clock offset: -0.031 ms

Below is generated by plot.py at 2020-02-18 08:33:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 534.38 Mbit/s
95th percentile per-packet one-way delay: 86.746 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 334.83 Mbit/s
95th percentile per-packet one-way delay: 87.115 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 224.71 Mbit/s
95th percentile per-packet one-way delay: 85.853 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 139.34 Mbit/s
95th percentile per-packet one-way delay: 84.606 ms
Loss rate: 0.00%

Run 2: Report of Muses_DecisionTree — Data Link

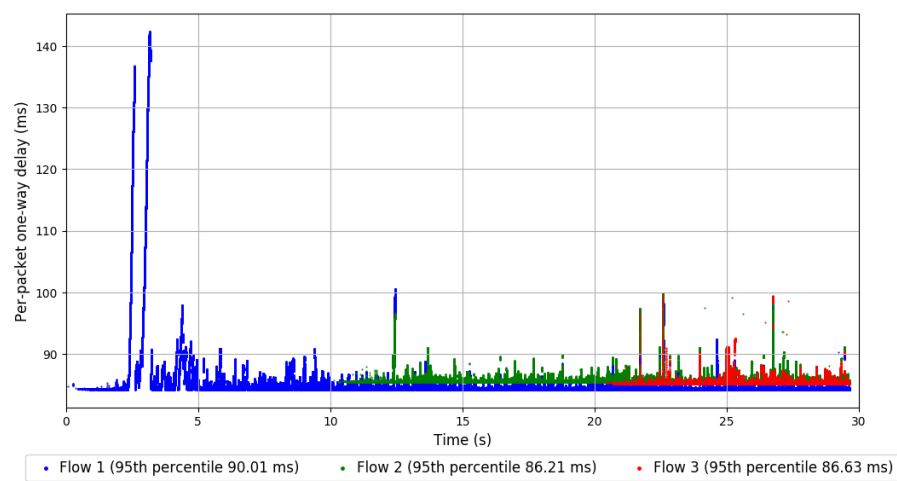
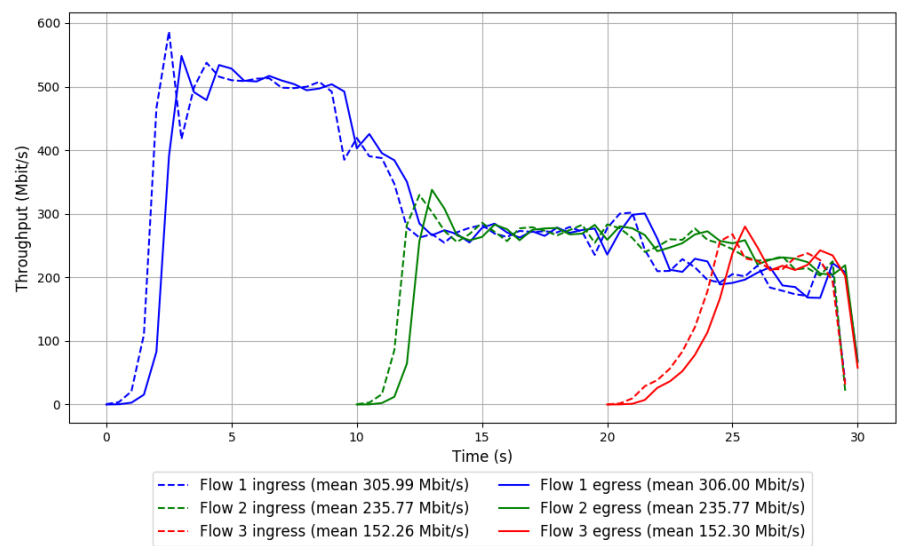


Run 3: Statistics of Muses_DecisionTree

Start at: 2020-02-18 04:52:59
End at: 2020-02-18 04:53:29
Local clock offset: -0.173 ms
Remote clock offset: -0.037 ms

Below is generated by plot.py at 2020-02-18 08:33:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 509.61 Mbit/s
95th percentile per-packet one-way delay: 88.328 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 306.00 Mbit/s
95th percentile per-packet one-way delay: 90.013 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 235.77 Mbit/s
95th percentile per-packet one-way delay: 86.214 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 152.30 Mbit/s
95th percentile per-packet one-way delay: 86.630 ms
Loss rate: 0.00%

Run 3: Report of Muses_DecisionTree — Data Link

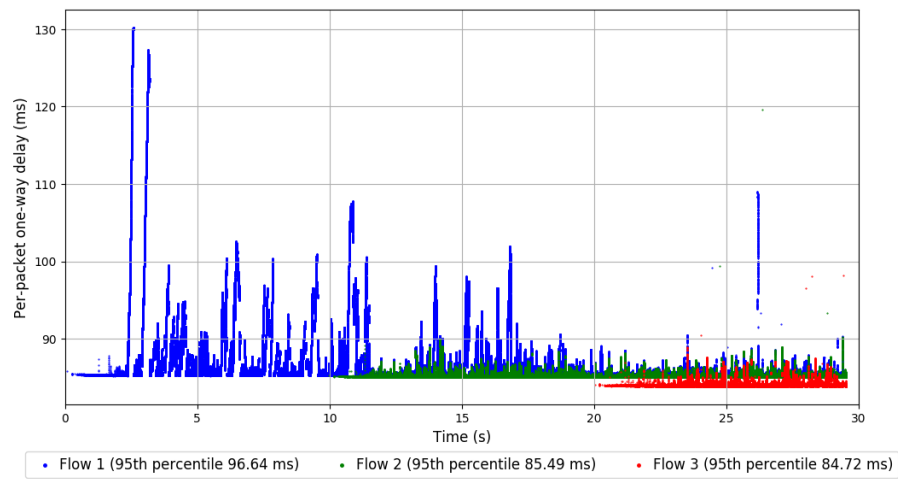
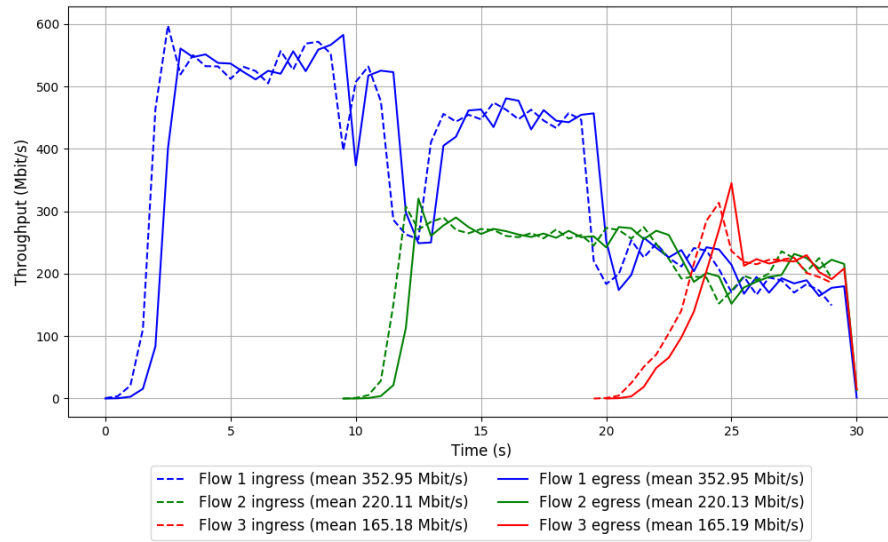


Run 4: Statistics of Muses_DecisionTree

Start at: 2020-02-18 05:33:30
End at: 2020-02-18 05:34:00
Local clock offset: -0.058 ms
Remote clock offset: -0.097 ms

Below is generated by plot.py at 2020-02-18 08:34:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 552.31 Mbit/s
95th percentile per-packet one-way delay: 94.239 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 352.95 Mbit/s
95th percentile per-packet one-way delay: 96.635 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 220.13 Mbit/s
95th percentile per-packet one-way delay: 85.490 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 165.19 Mbit/s
95th percentile per-packet one-way delay: 84.723 ms
Loss rate: 0.00%

Run 4: Report of Muses_DecisionTree — Data Link

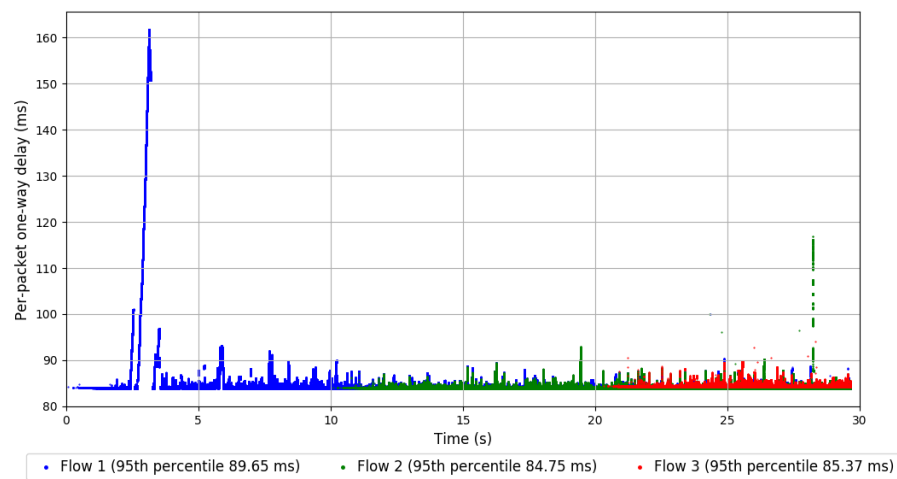
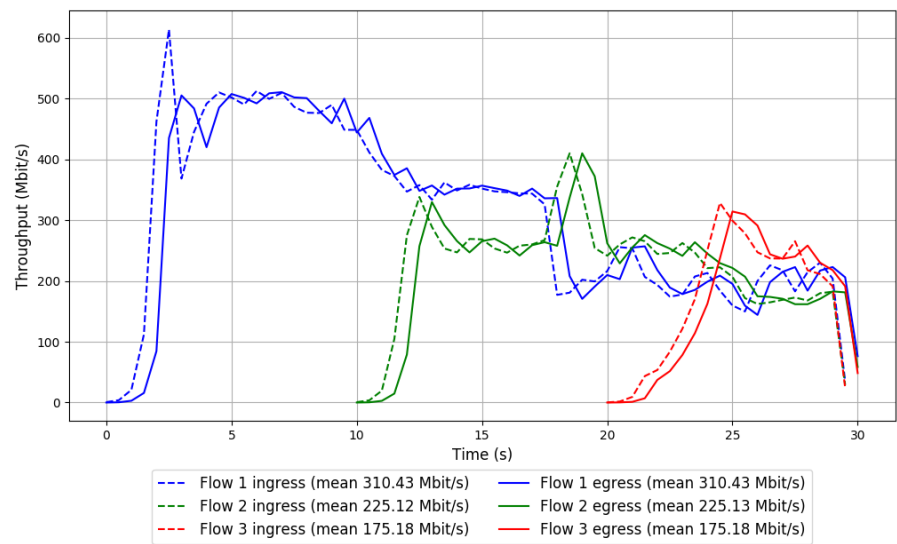


Run 5: Statistics of Muses_DecisionTree

Start at: 2020-02-18 06:13:50
End at: 2020-02-18 06:14:20
Local clock offset: -0.05 ms
Remote clock offset: -0.067 ms

Below is generated by plot.py at 2020-02-18 08:36:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 514.55 Mbit/s
95th percentile per-packet one-way delay: 86.669 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 310.43 Mbit/s
95th percentile per-packet one-way delay: 89.652 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 225.13 Mbit/s
95th percentile per-packet one-way delay: 84.752 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 175.18 Mbit/s
95th percentile per-packet one-way delay: 85.369 ms
Loss rate: 0.00%

Run 5: Report of Muses_DecisionTree — Data Link

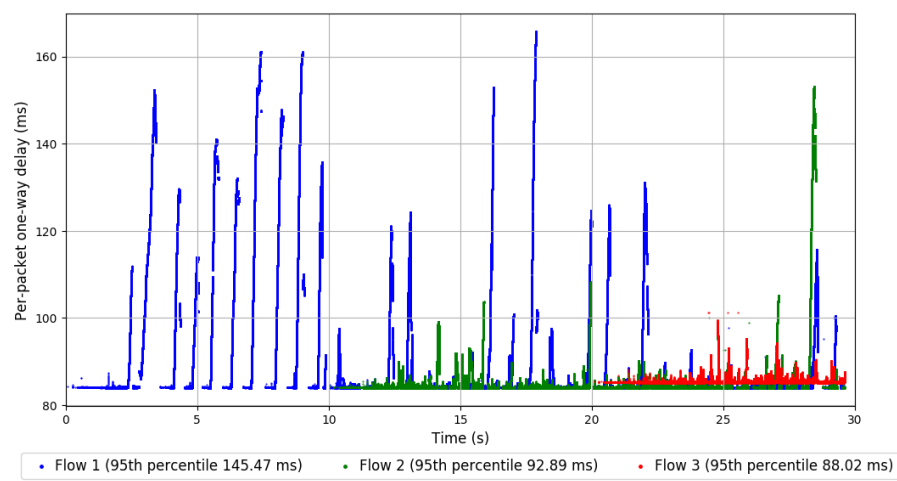
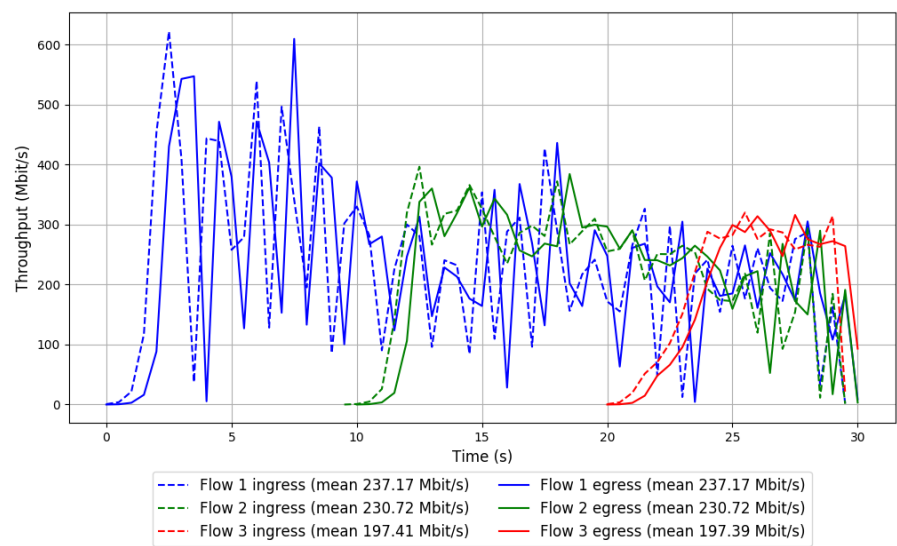



```
Run 1: Statistics of Muses\_DecisionTreeH0

Start at: 2020-02-18 03:40:22
End at: 2020-02-18 03:40:52
Local clock offset: -0.06 ms
Remote clock offset: 0.017 ms

# Below is generated by plot.py at 2020-02-18 08:36:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 453.79 Mbit/s
95th percentile per-packet one-way delay: 136.630 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 237.17 Mbit/s
95th percentile per-packet one-way delay: 145.475 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 230.72 Mbit/s
95th percentile per-packet one-way delay: 92.885 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 197.39 Mbit/s
95th percentile per-packet one-way delay: 88.024 ms
Loss rate: 0.00%
```

Run 1: Report of Muses_DecisionTreeH0 — Data Link



Run 2: Statistics of Muses_DecisionTreeH0

Start at: 2020-02-18 04:20:28

End at: 2020-02-18 04:20:58

Local clock offset: -0.077 ms

Remote clock offset: 0.013 ms

Below is generated by plot.py at 2020-02-18 08:37:55

Datalink statistics

-- Total of 3 flows:

Average throughput: 462.99 Mbit/s

95th percentile per-packet one-way delay: 112.579 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 219.67 Mbit/s

95th percentile per-packet one-way delay: 127.176 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 287.97 Mbit/s

95th percentile per-packet one-way delay: 107.443 ms

Loss rate: 0.00%

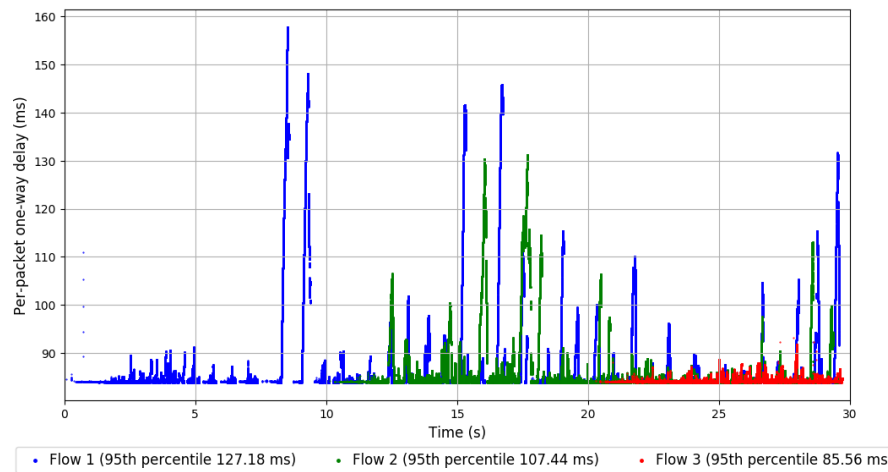
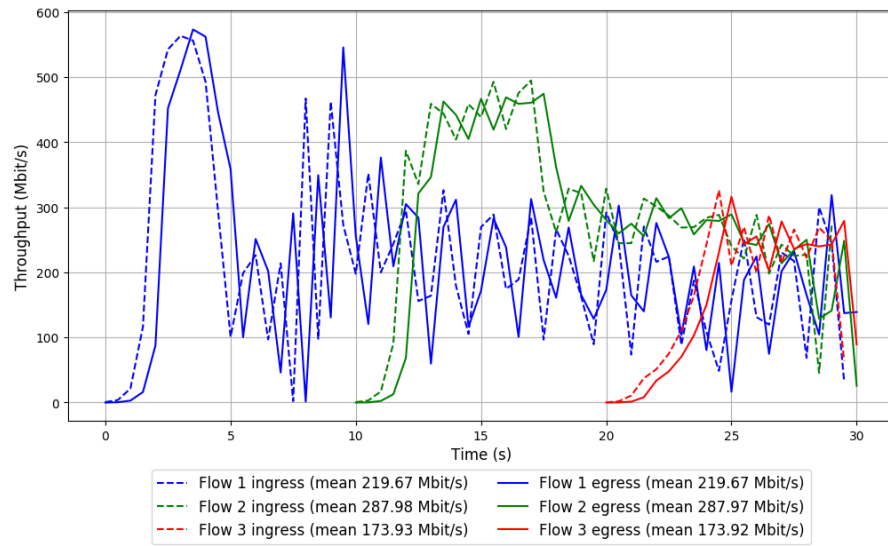
-- Flow 3:

Average throughput: 173.92 Mbit/s

95th percentile per-packet one-way delay: 85.560 ms

Loss rate: 0.00%

Run 2: Report of Muses_DecisionTreeH0 — Data Link

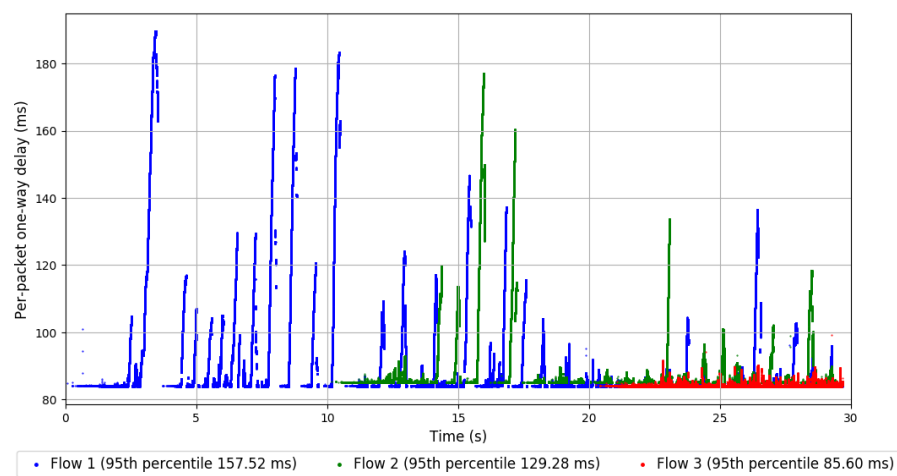
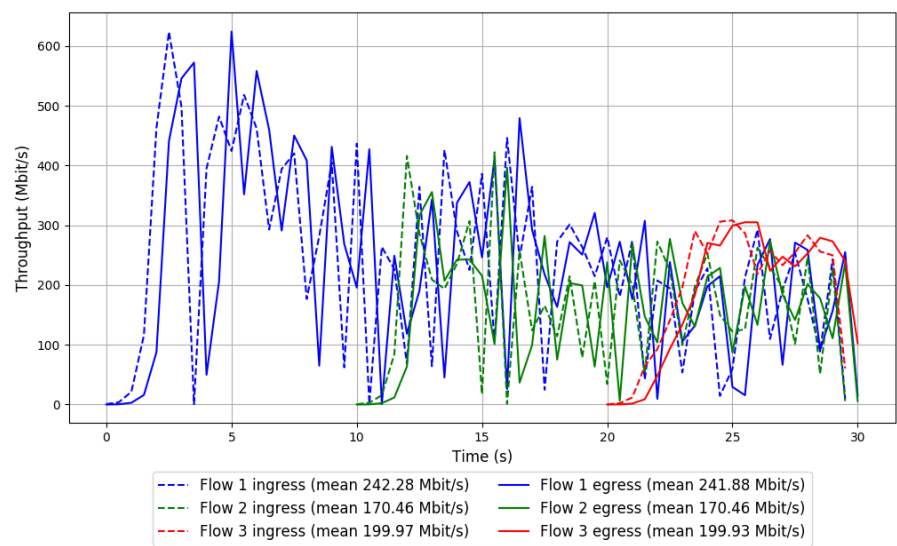


Run 3: Statistics of Muses_DecisionTreeH0

Start at: 2020-02-18 05:01:00
End at: 2020-02-18 05:01:30
Local clock offset: -0.082 ms
Remote clock offset: -0.084 ms

Below is generated by plot.py at 2020-02-18 08:41:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 417.83 Mbit/s
95th percentile per-packet one-way delay: 143.975 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 241.88 Mbit/s
95th percentile per-packet one-way delay: 157.520 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 170.46 Mbit/s
95th percentile per-packet one-way delay: 129.278 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 199.93 Mbit/s
95th percentile per-packet one-way delay: 85.602 ms
Loss rate: 0.00%

Run 3: Report of Muses_DecisionTreeH0 — Data Link

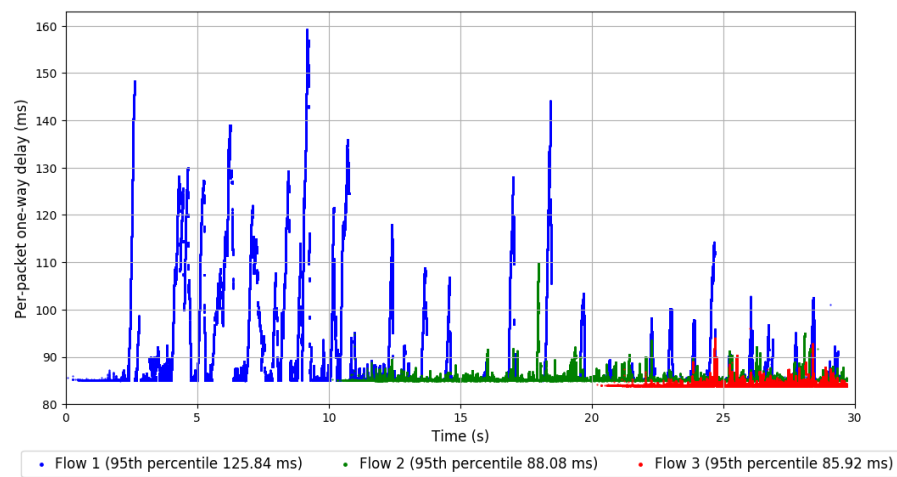
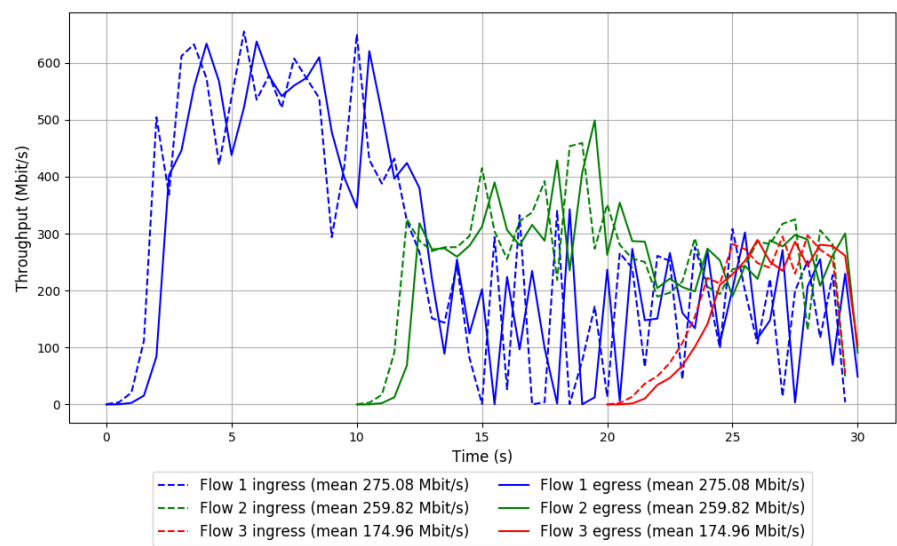


Run 4: Statistics of Muses_DecisionTreeH0

Start at: 2020-02-18 05:41:34
End at: 2020-02-18 05:42:04
Local clock offset: -0.039 ms
Remote clock offset: -0.059 ms

Below is generated by plot.py at 2020-02-18 08:46:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 501.69 Mbit/s
95th percentile per-packet one-way delay: 119.055 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 275.08 Mbit/s
95th percentile per-packet one-way delay: 125.838 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 259.82 Mbit/s
95th percentile per-packet one-way delay: 88.078 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 174.96 Mbit/s
95th percentile per-packet one-way delay: 85.920 ms
Loss rate: 0.00%

Run 4: Report of Muses_DecisionTreeH0 — Data Link

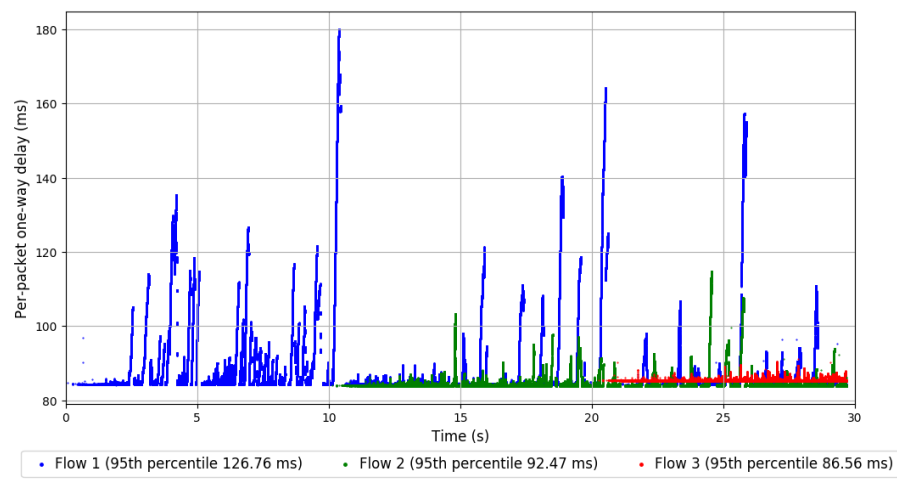
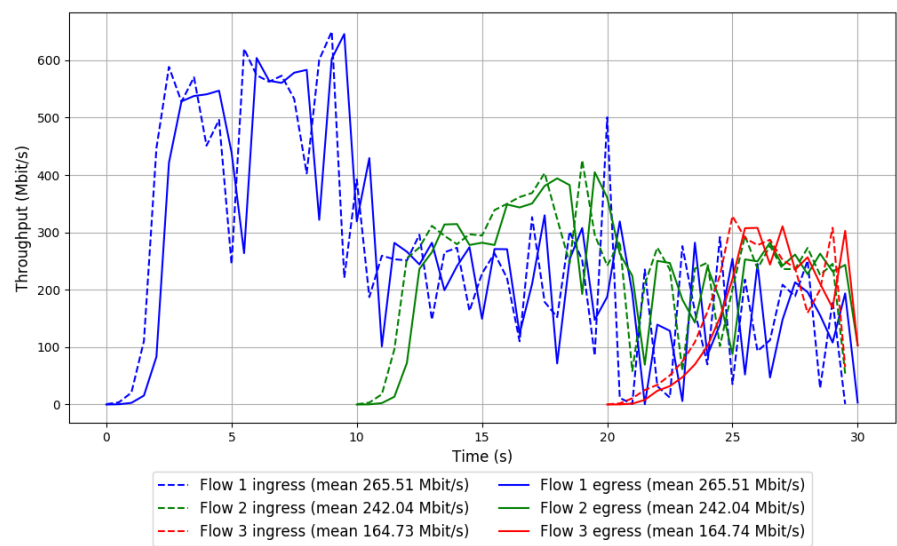


Run 5: Statistics of Muses_DecisionTreeH0

Start at: 2020-02-18 06:21:52
End at: 2020-02-18 06:22:22
Local clock offset: -0.052 ms
Remote clock offset: -0.051 ms

Below is generated by plot.py at 2020-02-18 08:46:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 477.75 Mbit/s
95th percentile per-packet one-way delay: 116.292 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 265.51 Mbit/s
95th percentile per-packet one-way delay: 126.756 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 242.04 Mbit/s
95th percentile per-packet one-way delay: 92.466 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 164.74 Mbit/s
95th percentile per-packet one-way delay: 86.559 ms
Loss rate: 0.00%

Run 5: Report of Muses_DecisionTreeH0 — Data Link

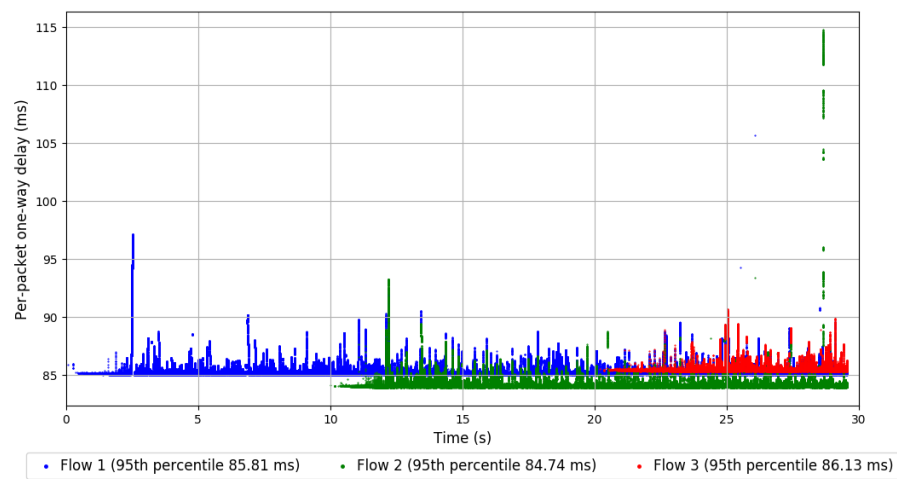
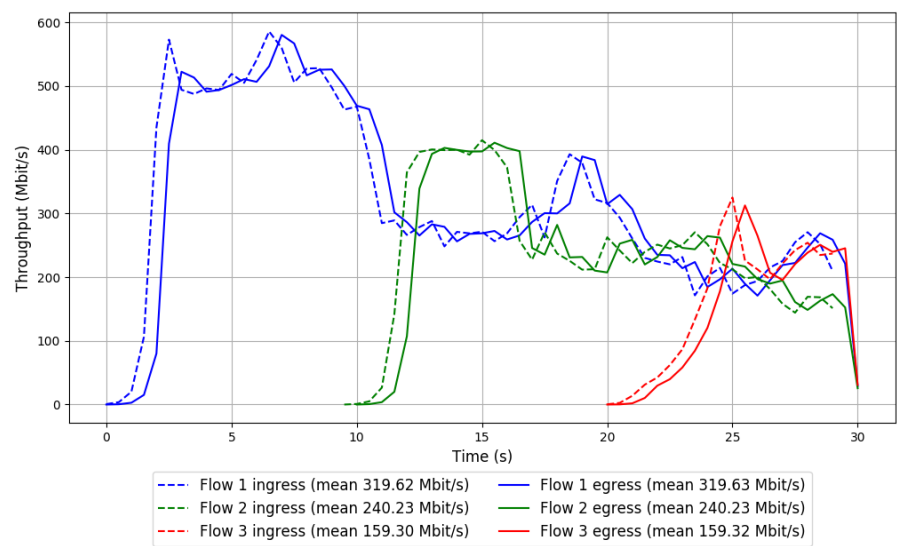


Run 1: Statistics of Muses_DecisionTreeR0

Start at: 2020-02-18 03:43:45
End at: 2020-02-18 03:44:15
Local clock offset: -0.077 ms
Remote clock offset: -0.018 ms

Below is generated by plot.py at 2020-02-18 08:47:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 529.55 Mbit/s
95th percentile per-packet one-way delay: 85.686 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 319.63 Mbit/s
95th percentile per-packet one-way delay: 85.807 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 240.23 Mbit/s
95th percentile per-packet one-way delay: 84.741 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 159.32 Mbit/s
95th percentile per-packet one-way delay: 86.133 ms
Loss rate: 0.00%

Run 1: Report of Muses_DecisionTreeR0 — Data Link

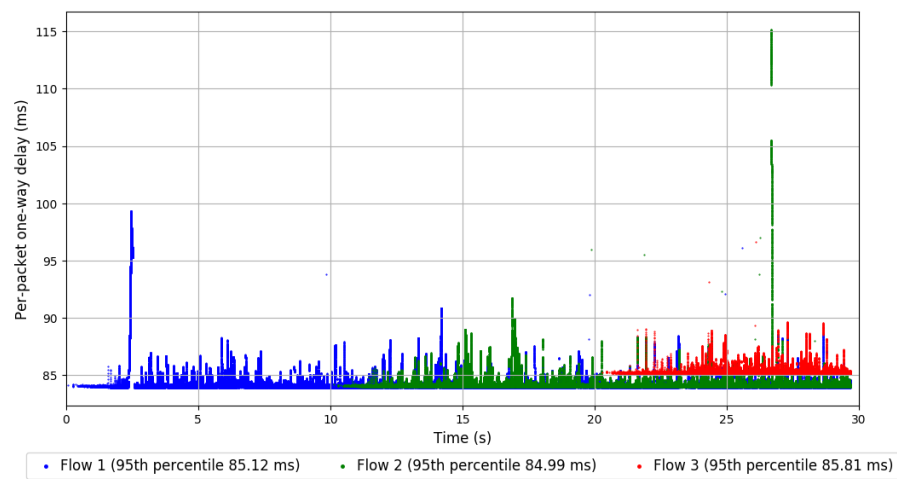
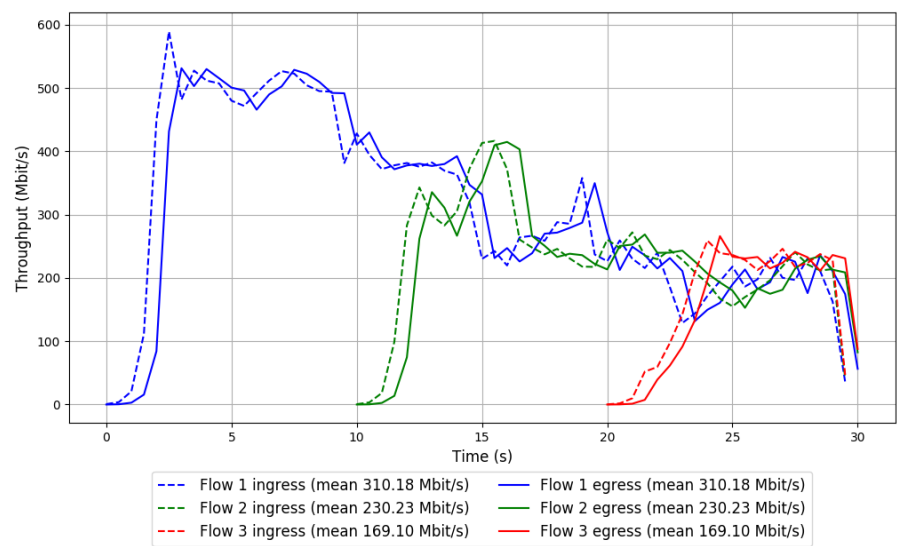


Run 2: Statistics of Muses_DecisionTreeR0

Start at: 2020-02-18 04:23:56
End at: 2020-02-18 04:24:26
Local clock offset: -0.123 ms
Remote clock offset: -0.022 ms

Below is generated by plot.py at 2020-02-18 08:48:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 515.81 Mbit/s
95th percentile per-packet one-way delay: 85.308 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 310.18 Mbit/s
95th percentile per-packet one-way delay: 85.116 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 230.23 Mbit/s
95th percentile per-packet one-way delay: 84.989 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 169.10 Mbit/s
95th percentile per-packet one-way delay: 85.811 ms
Loss rate: 0.00%

Run 2: Report of Muses_DecisionTreeR0 — Data Link

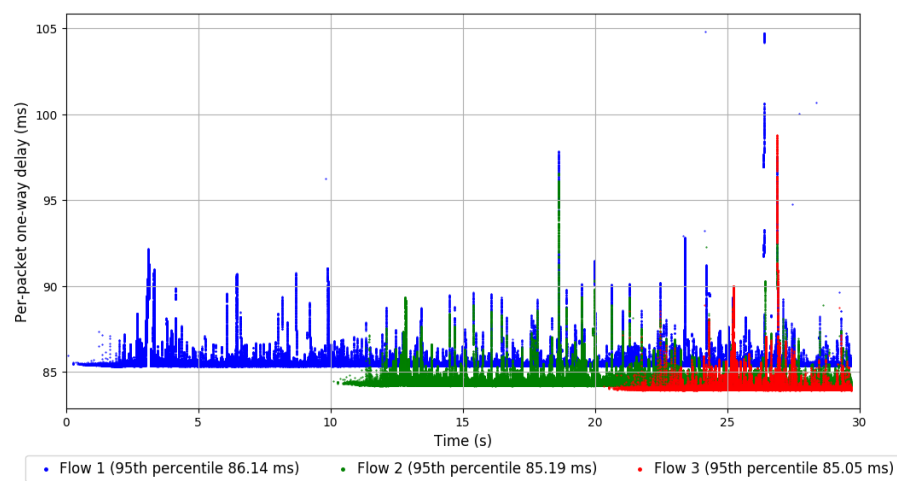
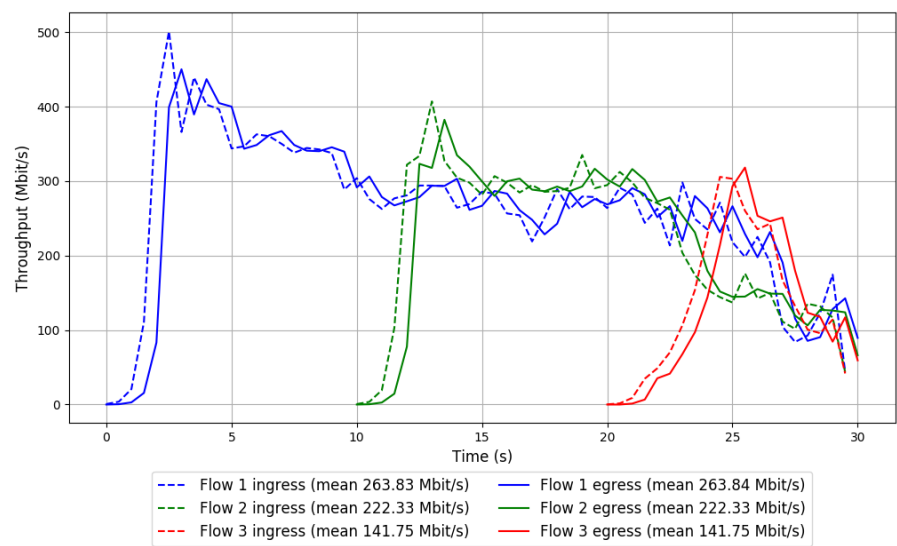


Run 3: Statistics of Muses_DecisionTreeR0

Start at: 2020-02-18 05:04:24
End at: 2020-02-18 05:04:54
Local clock offset: -0.114 ms
Remote clock offset: -0.101 ms

Below is generated by plot.py at 2020-02-18 08:48:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 455.37 Mbit/s
95th percentile per-packet one-way delay: 85.808 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 263.84 Mbit/s
95th percentile per-packet one-way delay: 86.135 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 222.33 Mbit/s
95th percentile per-packet one-way delay: 85.191 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 141.75 Mbit/s
95th percentile per-packet one-way delay: 85.049 ms
Loss rate: 0.00%

Run 3: Report of Muses_DecisionTreeR0 — Data Link

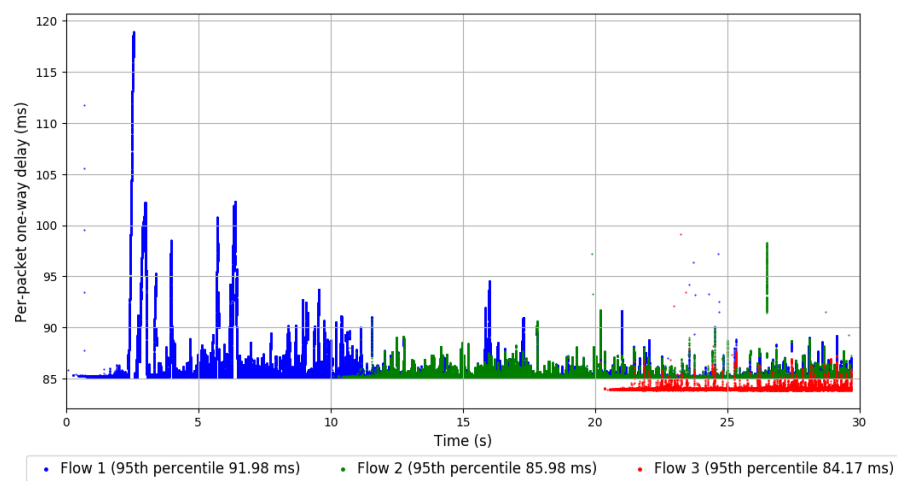
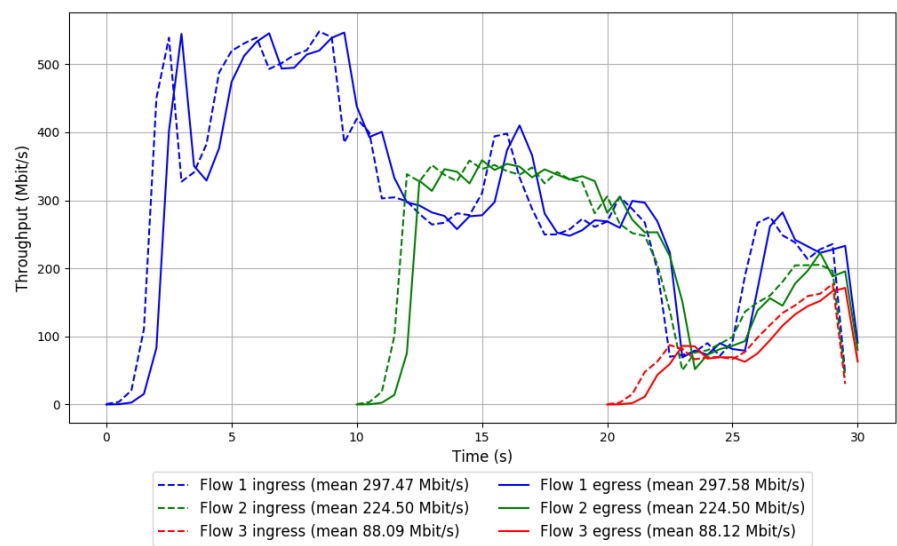


Run 4: Statistics of Muses_DecisionTreeR0

Start at: 2020-02-18 05:45:03
End at: 2020-02-18 05:45:33
Local clock offset: -0.039 ms
Remote clock offset: -0.035 ms

Below is generated by plot.py at 2020-02-18 08:49:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 474.17 Mbit/s
95th percentile per-packet one-way delay: 89.158 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 297.58 Mbit/s
95th percentile per-packet one-way delay: 91.980 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 224.50 Mbit/s
95th percentile per-packet one-way delay: 85.976 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 88.12 Mbit/s
95th percentile per-packet one-way delay: 84.167 ms
Loss rate: 0.00%

Run 4: Report of Muses_DecisionTreeR0 — Data Link

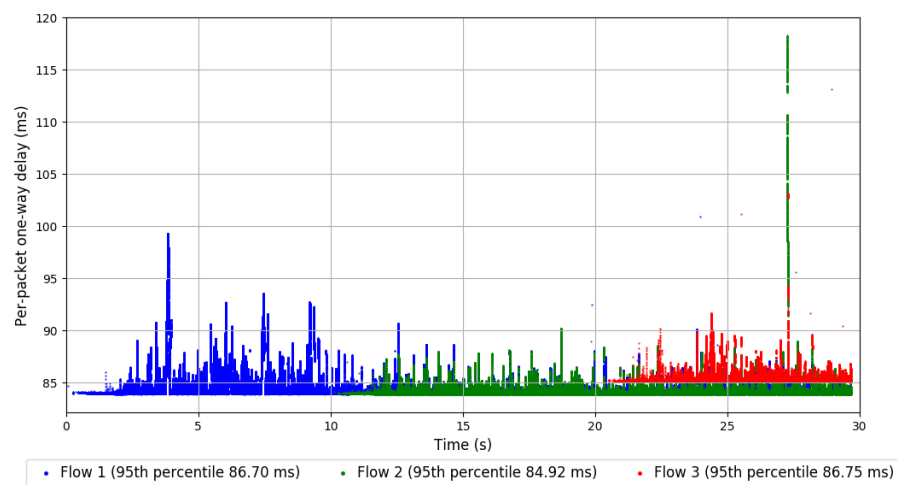
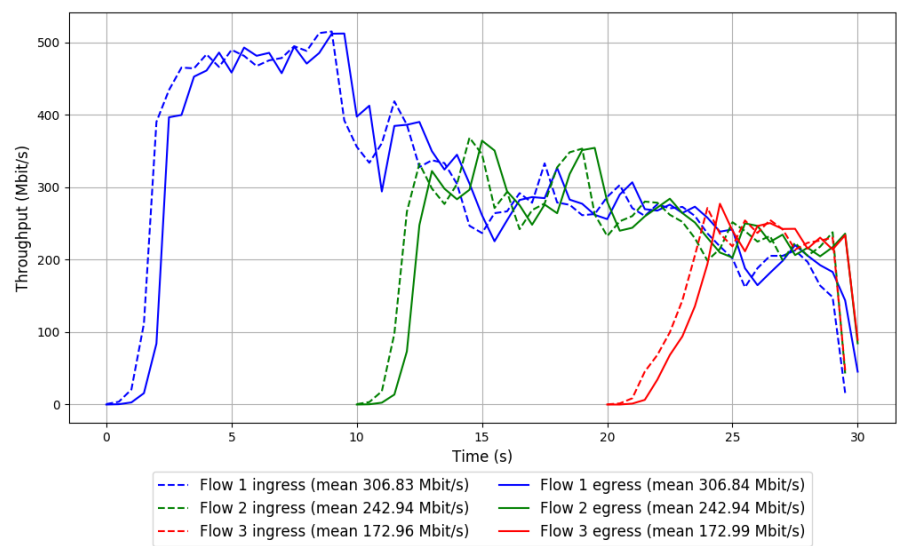


Run 5: Statistics of Muses_DecisionTreeR0

Start at: 2020-02-18 06:25:19
End at: 2020-02-18 06:25:49
Local clock offset: -0.109 ms
Remote clock offset: -0.086 ms

Below is generated by plot.py at 2020-02-18 08:51:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 521.88 Mbit/s
95th percentile per-packet one-way delay: 86.222 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 306.84 Mbit/s
95th percentile per-packet one-way delay: 86.696 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 242.94 Mbit/s
95th percentile per-packet one-way delay: 84.920 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 172.99 Mbit/s
95th percentile per-packet one-way delay: 86.751 ms
Loss rate: 0.00%

Run 5: Report of Muses_DecisionTreeR0 — Data Link

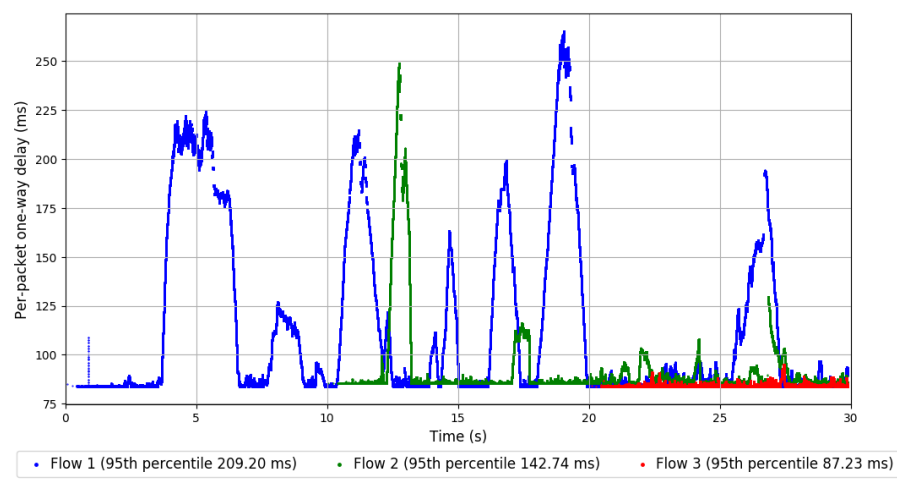
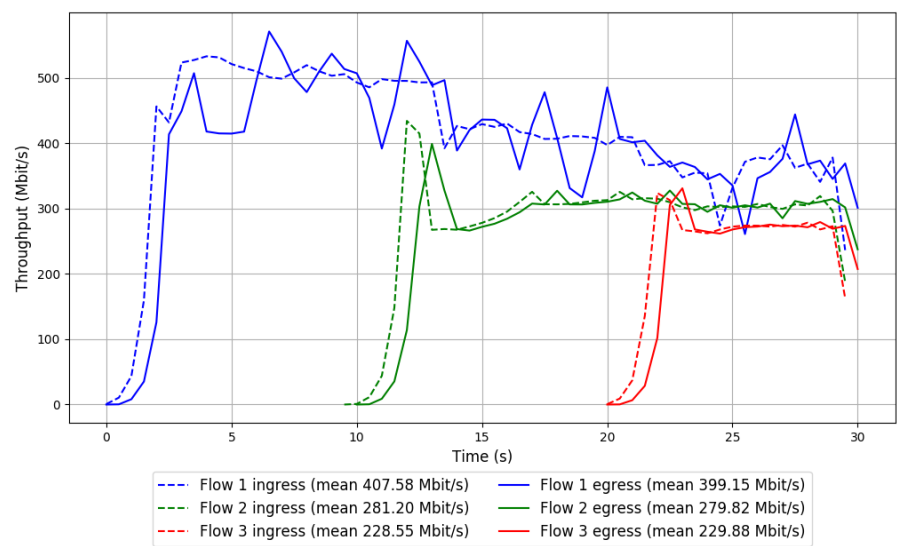


```
Run 1: Statistics of PCC-Allegro

Start at: 2020-02-18 03:20:30
End at: 2020-02-18 03:21:00
Local clock offset: -0.102 ms
Remote clock offset: -0.084 ms

# Below is generated by plot.py at 2020-02-18 09:14:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 660.81 Mbit/s
95th percentile per-packet one-way delay: 202.531 ms
Loss rate: 1.58%
-- Flow 1:
Average throughput: 399.15 Mbit/s
95th percentile per-packet one-way delay: 209.200 ms
Loss rate: 2.24%
-- Flow 2:
Average throughput: 279.82 Mbit/s
95th percentile per-packet one-way delay: 142.740 ms
Loss rate: 0.78%
-- Flow 3:
Average throughput: 229.88 Mbit/s
95th percentile per-packet one-way delay: 87.228 ms
Loss rate: 0.00%
```

Run 1: Report of PCC-Allegro — Data Link

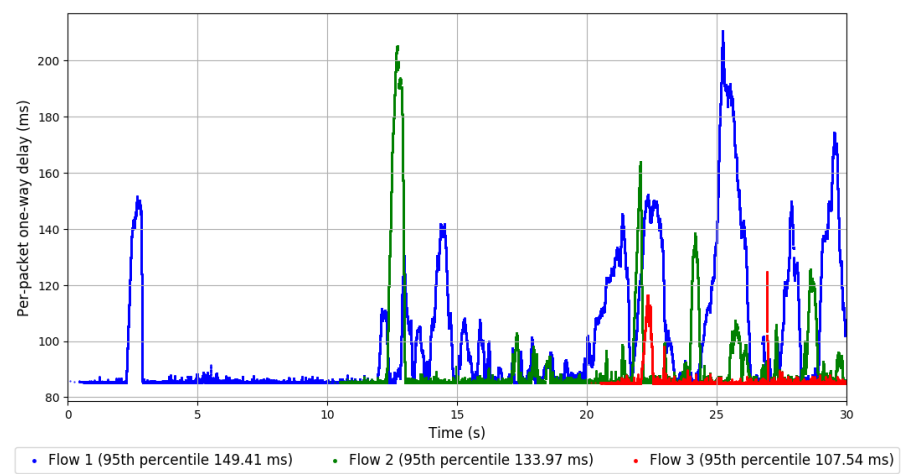
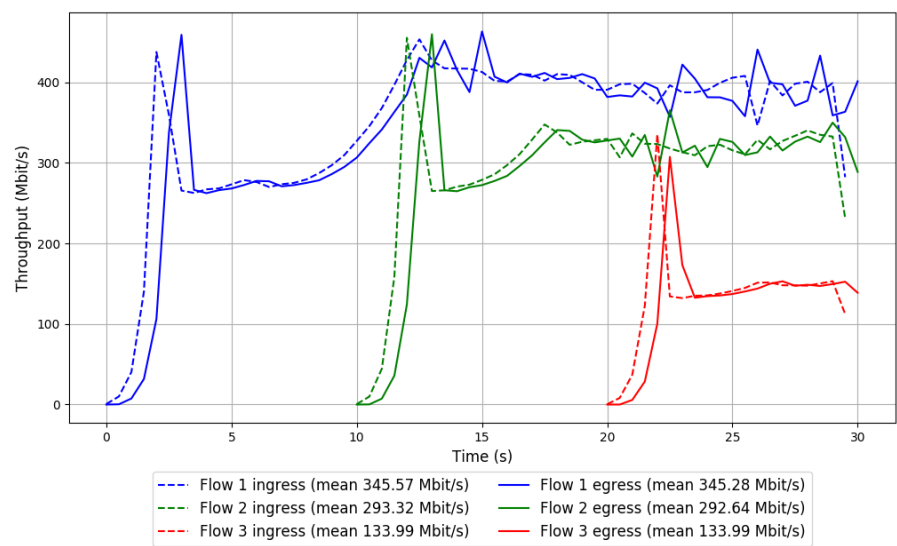


Run 2: Statistics of PCC-Allegro

Start at: 2020-02-18 04:01:13
End at: 2020-02-18 04:01:43
Local clock offset: -0.02 ms
Remote clock offset: -0.041 ms

Below is generated by plot.py at 2020-02-18 09:14:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 583.69 Mbit/s
95th percentile per-packet one-way delay: 148.095 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 345.28 Mbit/s
95th percentile per-packet one-way delay: 149.411 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 292.64 Mbit/s
95th percentile per-packet one-way delay: 133.966 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 133.99 Mbit/s
95th percentile per-packet one-way delay: 107.541 ms
Loss rate: 0.00%

Run 2: Report of PCC-Allegro — Data Link

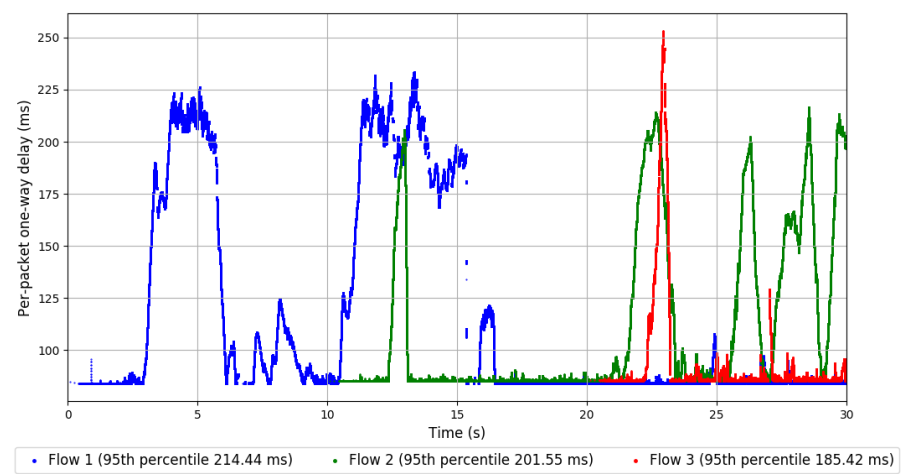
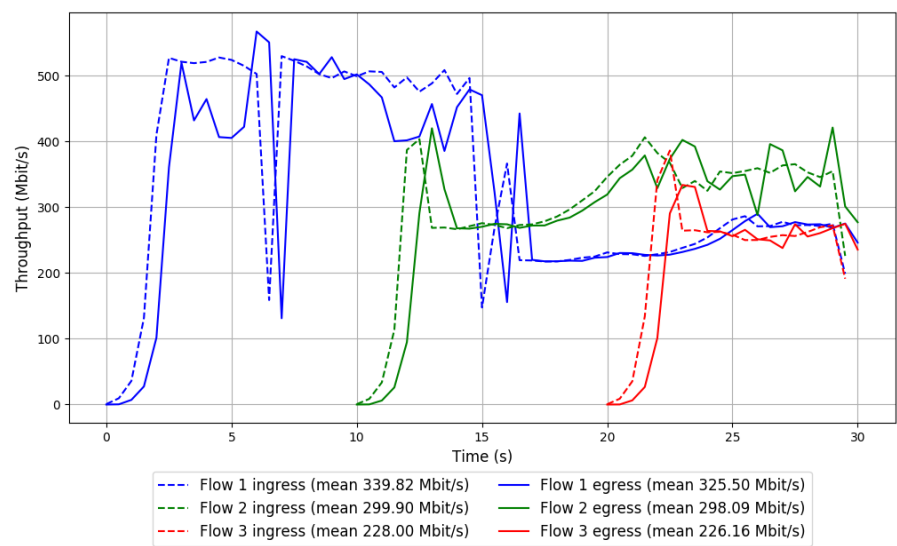


Run 3: Statistics of PCC-Allegro

Start at: 2020-02-18 04:41:23
End at: 2020-02-18 04:41:53
Local clock offset: -0.131 ms
Remote clock offset: -0.043 ms

Below is generated by plot.py at 2020-02-18 09:15:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 598.08 Mbit/s
95th percentile per-packet one-way delay: 211.026 ms
Loss rate: 2.63%
-- Flow 1:
Average throughput: 325.50 Mbit/s
95th percentile per-packet one-way delay: 214.436 ms
Loss rate: 4.22%
-- Flow 2:
Average throughput: 298.09 Mbit/s
95th percentile per-packet one-way delay: 201.550 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 226.16 Mbit/s
95th percentile per-packet one-way delay: 185.421 ms
Loss rate: 0.82%

Run 3: Report of PCC-Allegro — Data Link

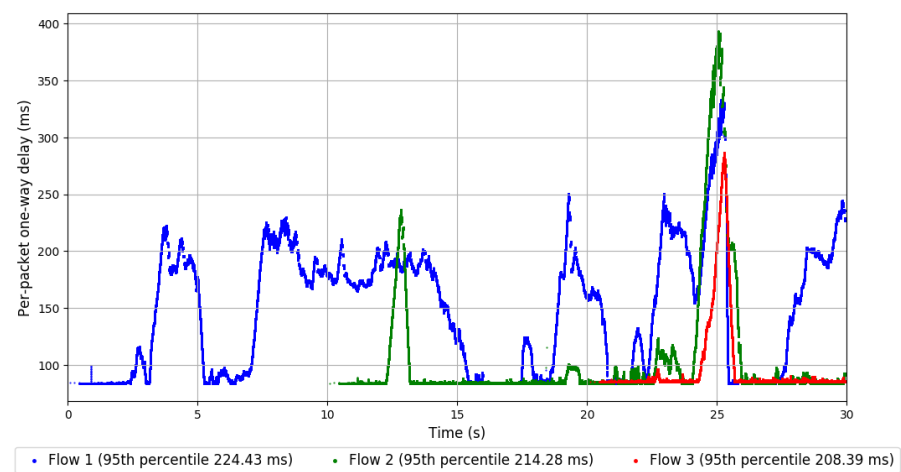
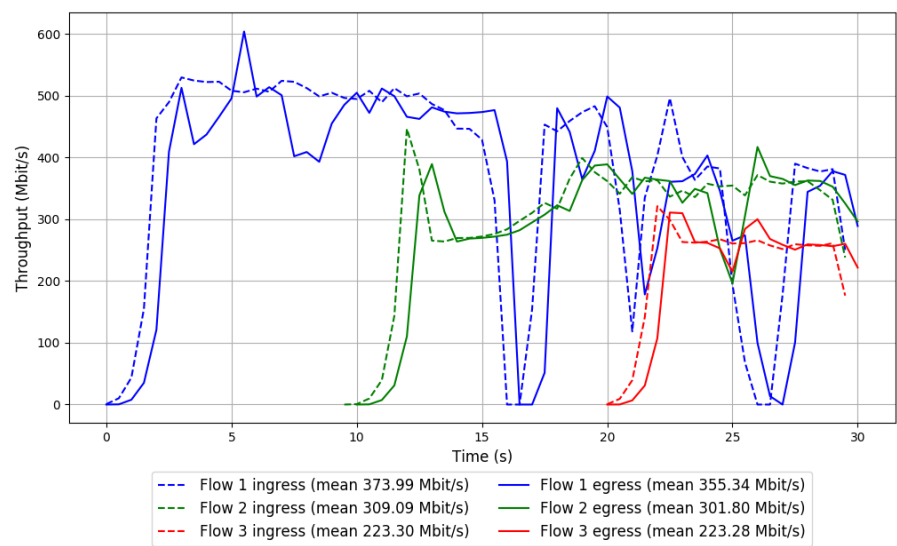


Run 4: Statistics of PCC-Allegro

Start at: 2020-02-18 05:21:41
End at: 2020-02-18 05:22:11
Local clock offset: -0.062 ms
Remote clock offset: -0.125 ms

Below is generated by plot.py at 2020-02-18 09:18:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 629.42 Mbit/s
95th percentile per-packet one-way delay: 222.257 ms
Loss rate: 3.59%
-- Flow 1:
Average throughput: 355.34 Mbit/s
95th percentile per-packet one-way delay: 224.425 ms
Loss rate: 4.98%
-- Flow 2:
Average throughput: 301.80 Mbit/s
95th percentile per-packet one-way delay: 214.281 ms
Loss rate: 2.34%
-- Flow 3:
Average throughput: 223.28 Mbit/s
95th percentile per-packet one-way delay: 208.387 ms
Loss rate: 0.01%

Run 4: Report of PCC-Allegro — Data Link

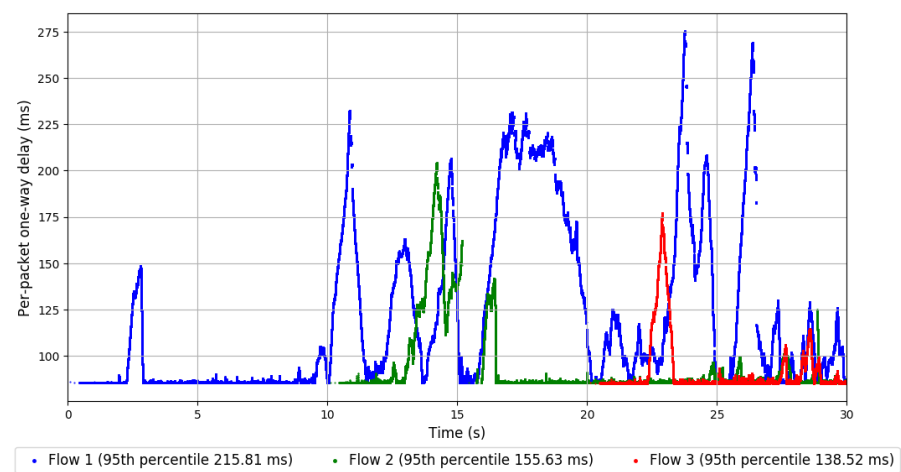
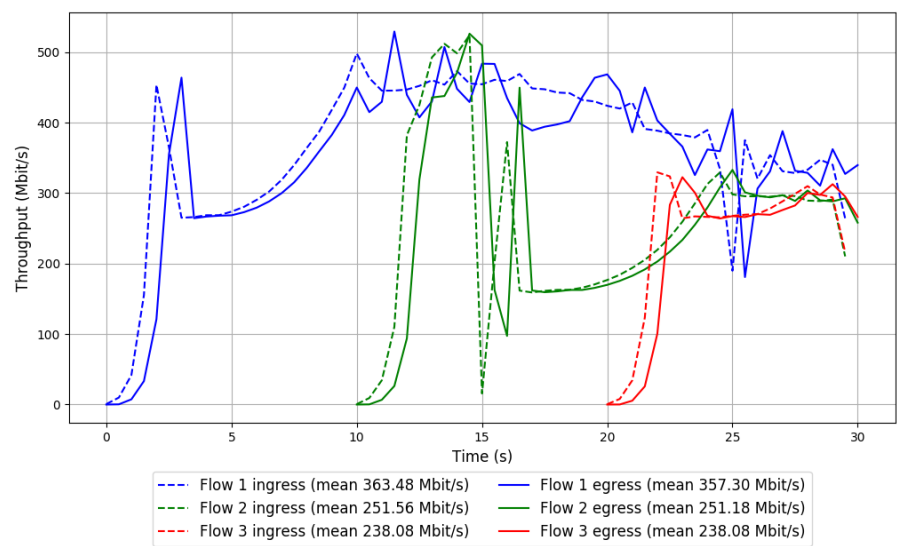


Run 5: Statistics of PCC-Allegro

Start at: 2020-02-18 06:02:16
End at: 2020-02-18 06:02:46
Local clock offset: -0.058 ms
Remote clock offset: -0.024 ms

Below is generated by plot.py at 2020-02-18 09:18:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 602.47 Mbit/s
95th percentile per-packet one-way delay: 210.040 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 357.30 Mbit/s
95th percentile per-packet one-way delay: 215.813 ms
Loss rate: 1.70%
-- Flow 2:
Average throughput: 251.18 Mbit/s
95th percentile per-packet one-way delay: 155.633 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 238.08 Mbit/s
95th percentile per-packet one-way delay: 138.522 ms
Loss rate: 0.00%

Run 5: Report of PCC-Allegro — Data Link

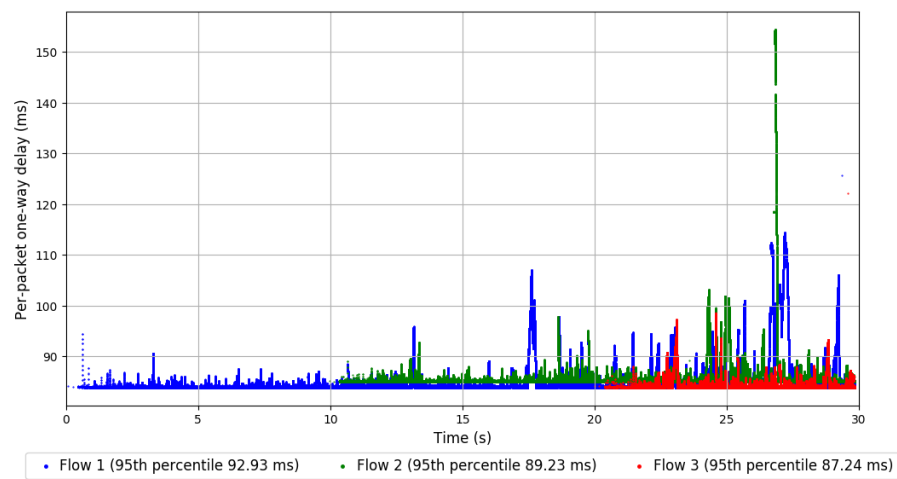
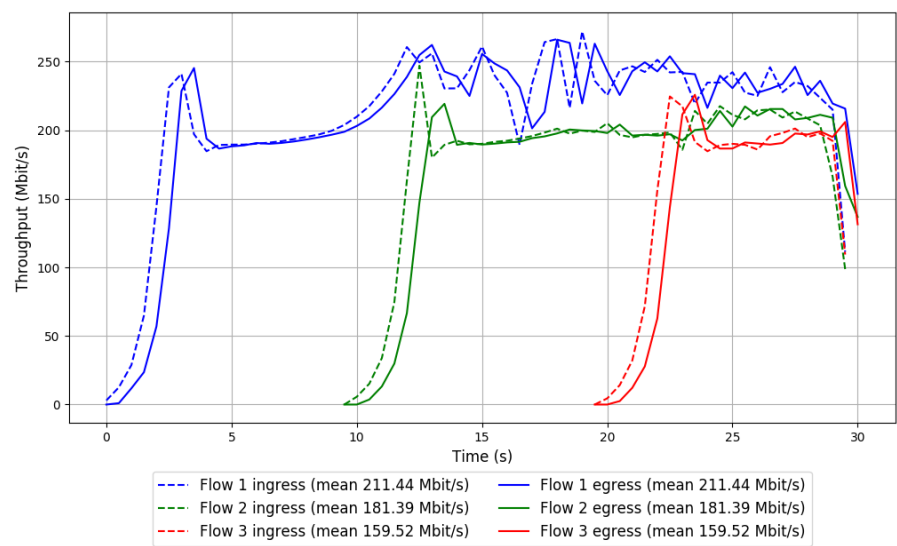


```
Run 1: Statistics of PCC-Expr

Start at: 2020-02-18 03:27:23
End at: 2020-02-18 03:27:53
Local clock offset: -0.101 ms
Remote clock offset: -0.07 ms

# Below is generated by plot.py at 2020-02-18 09:18:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 385.35 Mbit/s
95th percentile per-packet one-way delay: 90.808 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 211.44 Mbit/s
95th percentile per-packet one-way delay: 92.933 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 181.39 Mbit/s
95th percentile per-packet one-way delay: 89.228 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 159.52 Mbit/s
95th percentile per-packet one-way delay: 87.241 ms
Loss rate: 0.00%
```

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

Start at: 2020-02-18 04:07:42

End at: 2020-02-18 04:08:12

Local clock offset: -0.022 ms

Remote clock offset: -0.04 ms

Below is generated by plot.py at 2020-02-18 09:18:28

Datalink statistics

-- Total of 3 flows:

Average throughput: 361.58 Mbit/s

95th percentile per-packet one-way delay: 93.644 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 205.53 Mbit/s

95th percentile per-packet one-way delay: 101.044 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 189.94 Mbit/s

95th percentile per-packet one-way delay: 90.623 ms

Loss rate: 0.01%

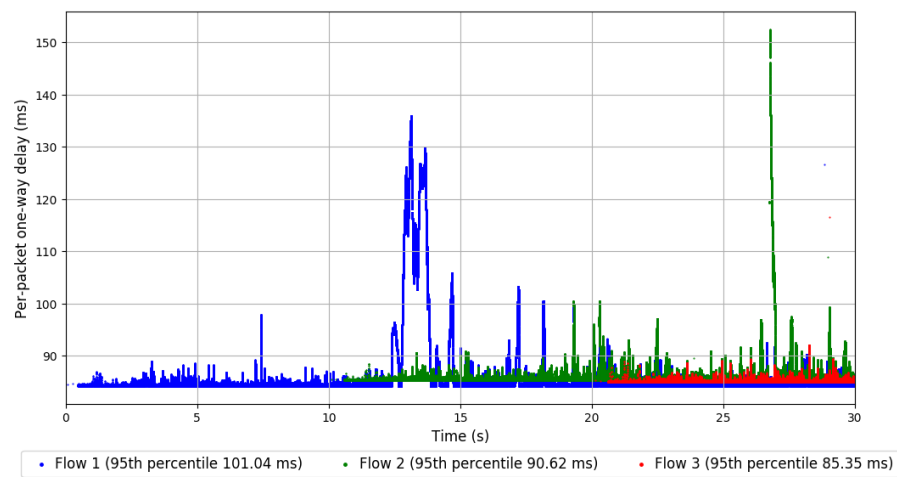
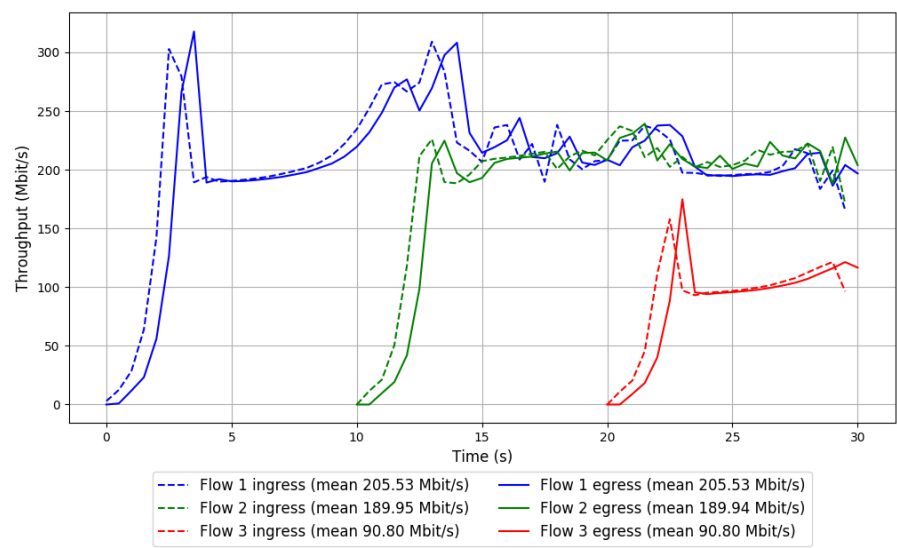
-- Flow 3:

Average throughput: 90.80 Mbit/s

95th percentile per-packet one-way delay: 85.352 ms

Loss rate: 0.02%

Run 2: Report of PCC-Expr — Data Link

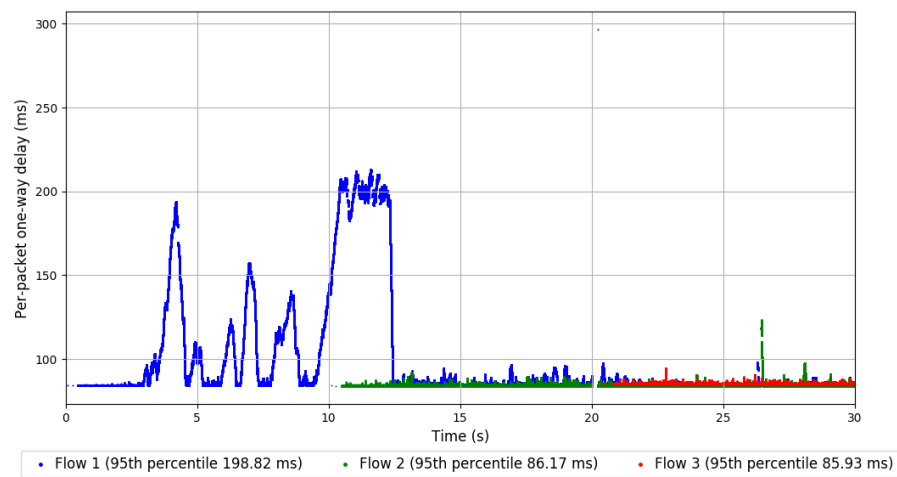
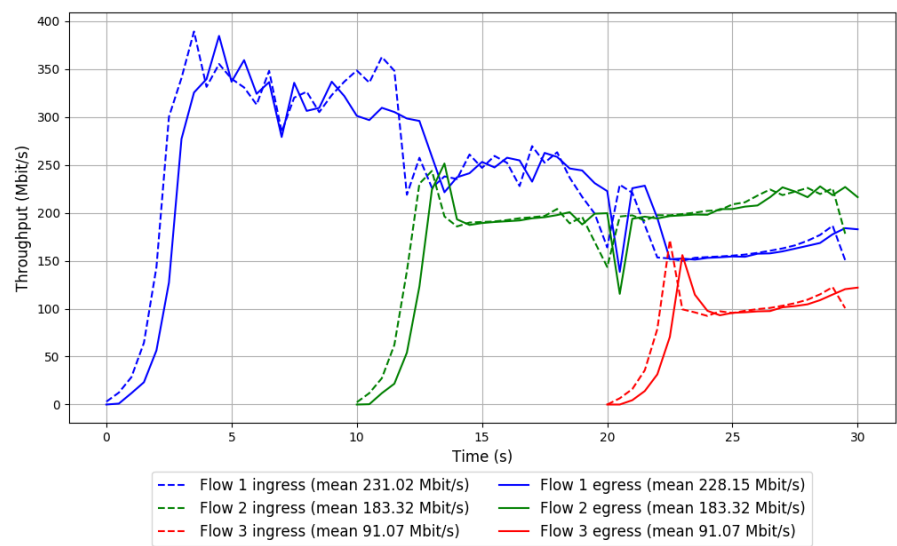


Run 3: Statistics of PCC-Expr

Start at: 2020-02-18 04:47:58
End at: 2020-02-18 04:48:28
Local clock offset: -0.18 ms
Remote clock offset: -0.018 ms

Below is generated by plot.py at 2020-02-18 09:18:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 379.19 Mbit/s
95th percentile per-packet one-way delay: 191.015 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 228.15 Mbit/s
95th percentile per-packet one-way delay: 198.817 ms
Loss rate: 1.25%
-- Flow 2:
Average throughput: 183.32 Mbit/s
95th percentile per-packet one-way delay: 86.169 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 91.07 Mbit/s
95th percentile per-packet one-way delay: 85.928 ms
Loss rate: 0.02%

Run 3: Report of PCC-Expr — Data Link

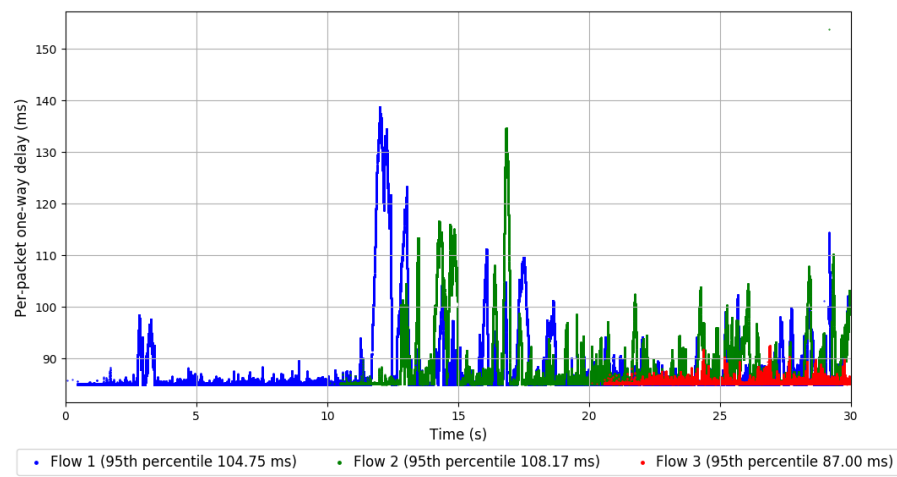
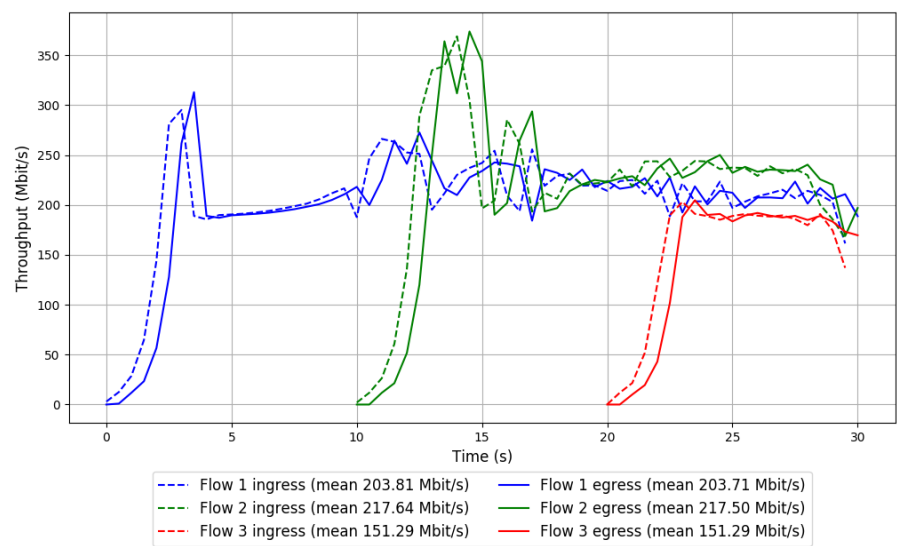


Run 4: Statistics of PCC-Expr

Start at: 2020-02-18 05:28:29
End at: 2020-02-18 05:28:59
Local clock offset: -0.081 ms
Remote clock offset: -0.098 ms

Below is generated by plot.py at 2020-02-18 09:25:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 398.23 Mbit/s
95th percentile per-packet one-way delay: 105.049 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 203.71 Mbit/s
95th percentile per-packet one-way delay: 104.753 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 217.50 Mbit/s
95th percentile per-packet one-way delay: 108.175 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 151.29 Mbit/s
95th percentile per-packet one-way delay: 87.001 ms
Loss rate: 0.01%

Run 4: Report of PCC-Expr — Data Link

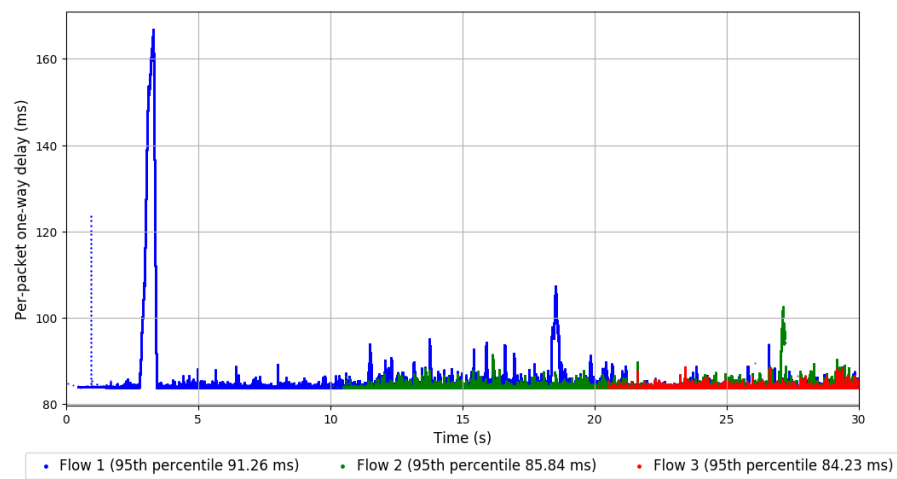
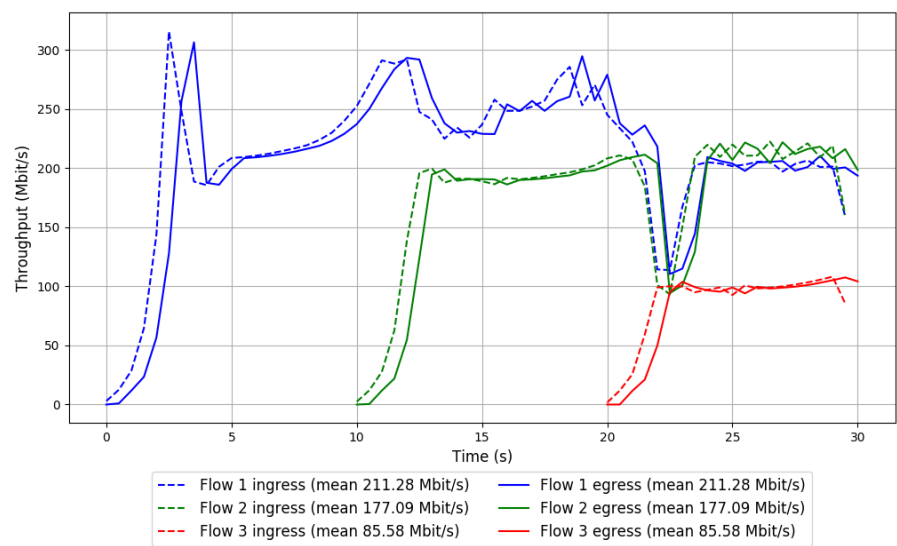


Run 5: Statistics of PCC-Expr

Start at: 2020-02-18 06:08:52
End at: 2020-02-18 06:09:22
Local clock offset: -0.082 ms
Remote clock offset: -0.064 ms

Below is generated by plot.py at 2020-02-18 09:25:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 357.20 Mbit/s
95th percentile per-packet one-way delay: 87.768 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 211.28 Mbit/s
95th percentile per-packet one-way delay: 91.258 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 177.09 Mbit/s
95th percentile per-packet one-way delay: 85.845 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 85.58 Mbit/s
95th percentile per-packet one-way delay: 84.226 ms
Loss rate: 0.00%

Run 5: Report of PCC-Expr — Data Link

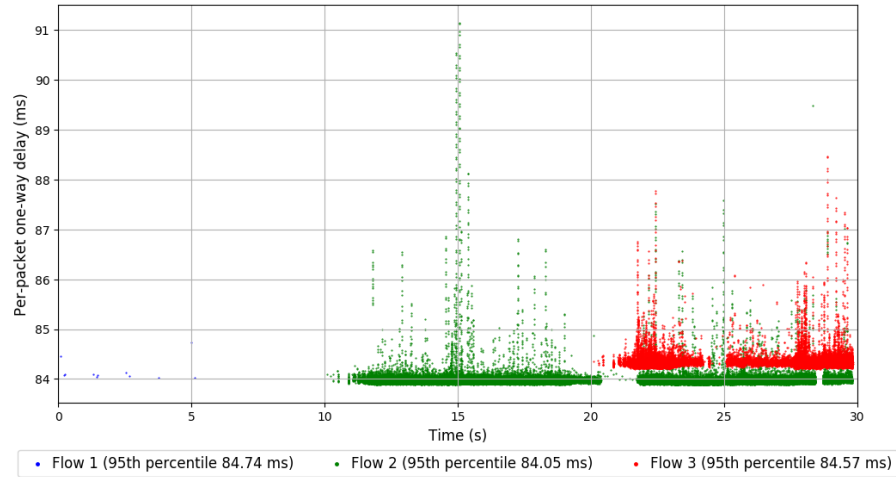
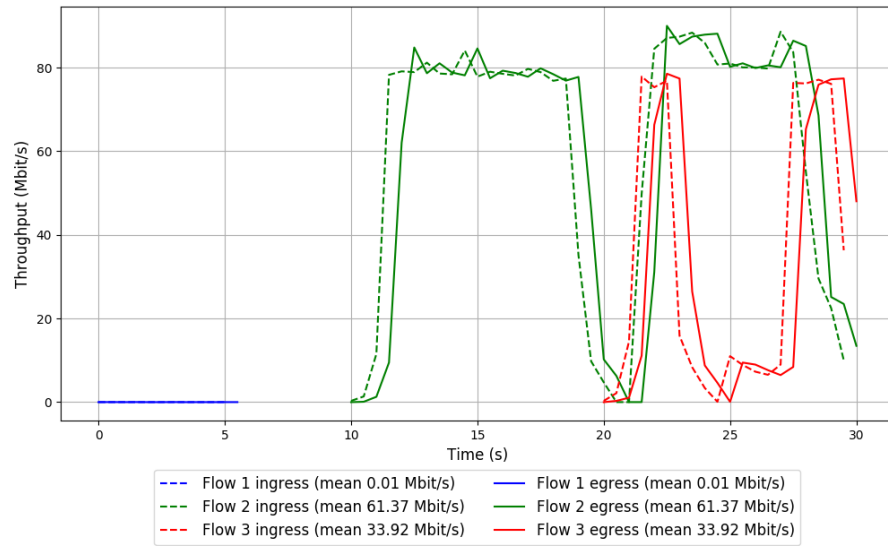


Run 1: Statistics of QUIC Cubic

Start at: 2020-02-18 03:31:01
End at: 2020-02-18 03:31:31
Local clock offset: -0.081 ms
Remote clock offset: -0.038 ms

Below is generated by plot.py at 2020-02-18 09:25:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 51.80 Mbit/s
95th percentile per-packet one-way delay: 84.391 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 84.738 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 61.37 Mbit/s
95th percentile per-packet one-way delay: 84.050 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 33.92 Mbit/s
95th percentile per-packet one-way delay: 84.571 ms
Loss rate: 0.00%

Run 1: Report of QUIC Cubic — Data Link

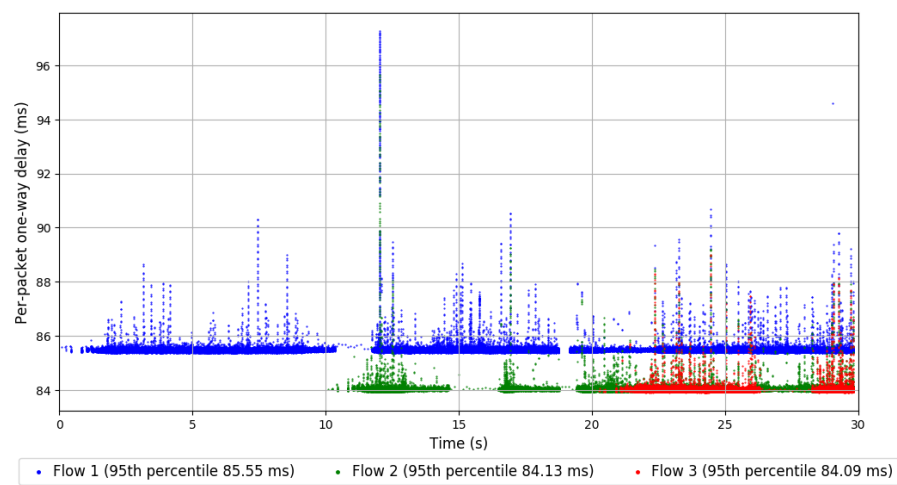
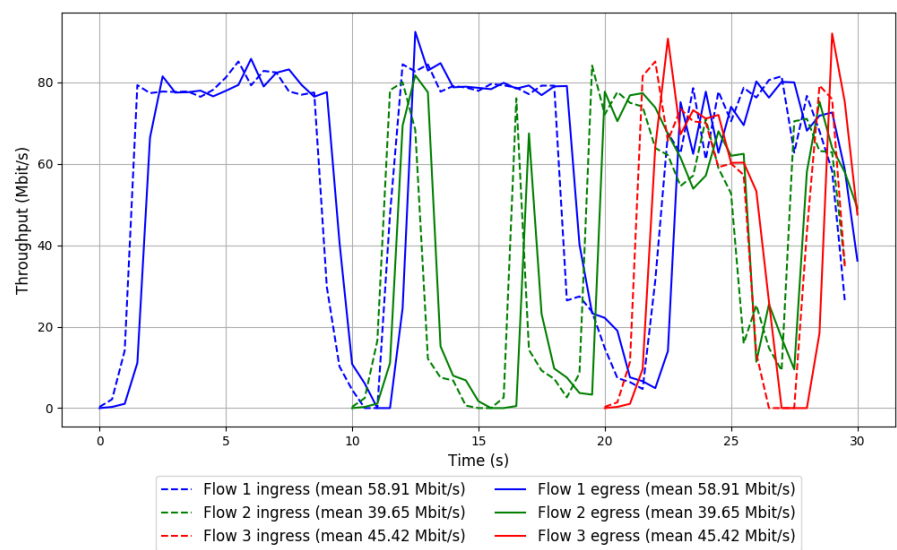


Run 2: Statistics of QUIC Cubic

Start at: 2020-02-18 04:11:18
End at: 2020-02-18 04:11:48
Local clock offset: -0.061 ms
Remote clock offset: -0.013 ms

Below is generated by plot.py at 2020-02-18 09:25:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 100.06 Mbit/s
95th percentile per-packet one-way delay: 85.524 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.91 Mbit/s
95th percentile per-packet one-way delay: 85.549 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.65 Mbit/s
95th percentile per-packet one-way delay: 84.127 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 45.42 Mbit/s
95th percentile per-packet one-way delay: 84.093 ms
Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link

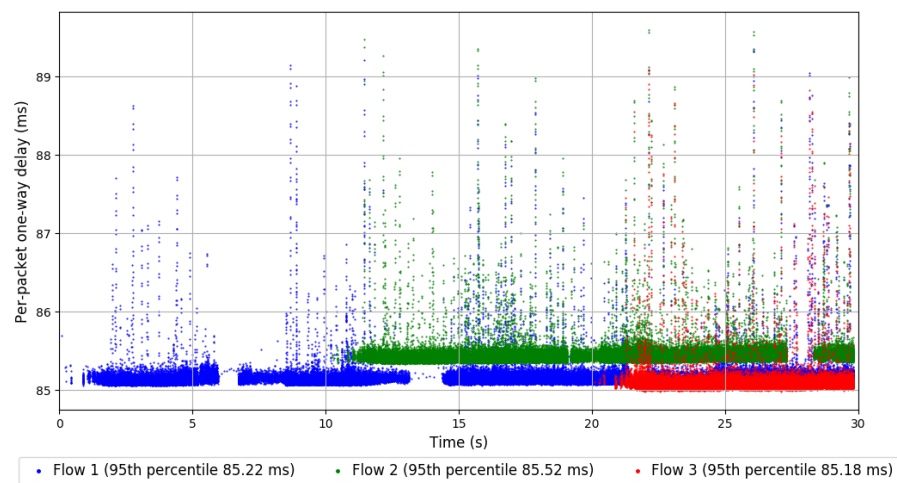
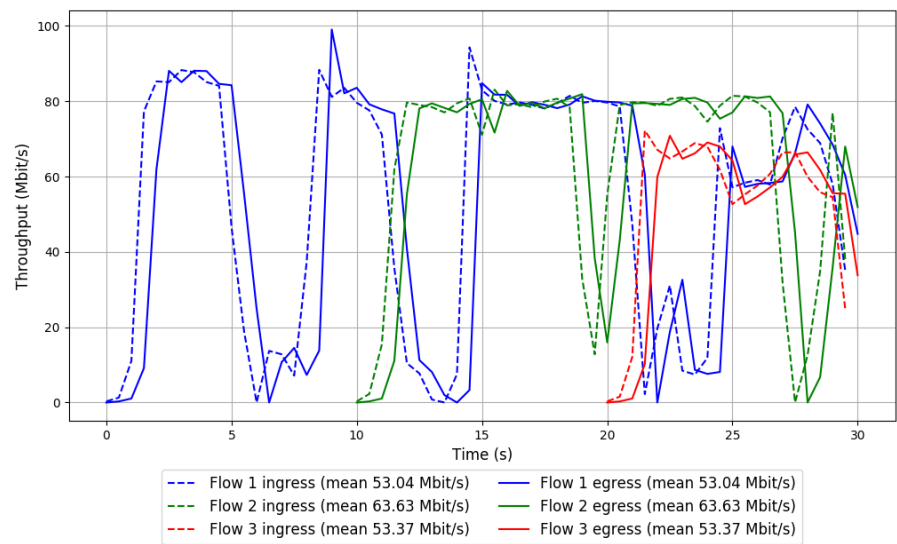


Run 3: Statistics of QUIC Cubic

Start at: 2020-02-18 04:51:37
End at: 2020-02-18 04:52:07
Local clock offset: -0.194 ms
Remote clock offset: -0.012 ms

Below is generated by plot.py at 2020-02-18 09:25:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 112.68 Mbit/s
95th percentile per-packet one-way delay: 85.479 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.04 Mbit/s
95th percentile per-packet one-way delay: 85.224 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 63.63 Mbit/s
95th percentile per-packet one-way delay: 85.520 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 53.37 Mbit/s
95th percentile per-packet one-way delay: 85.177 ms
Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link

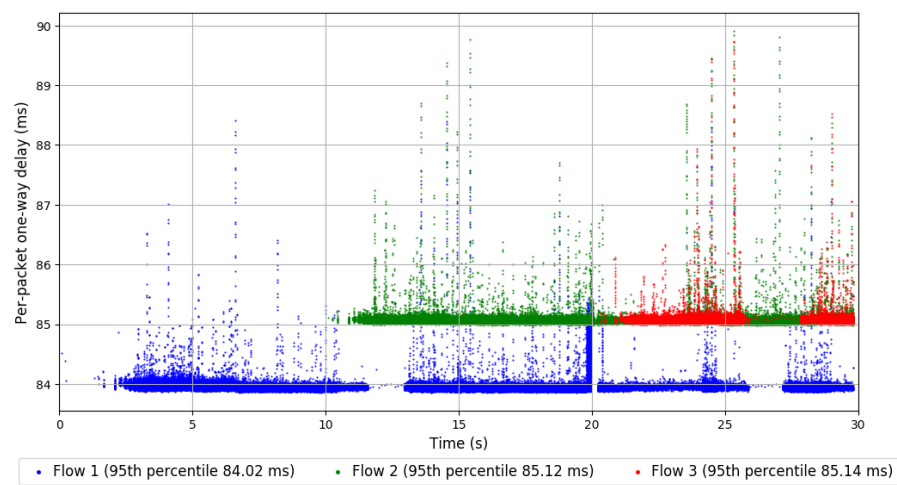
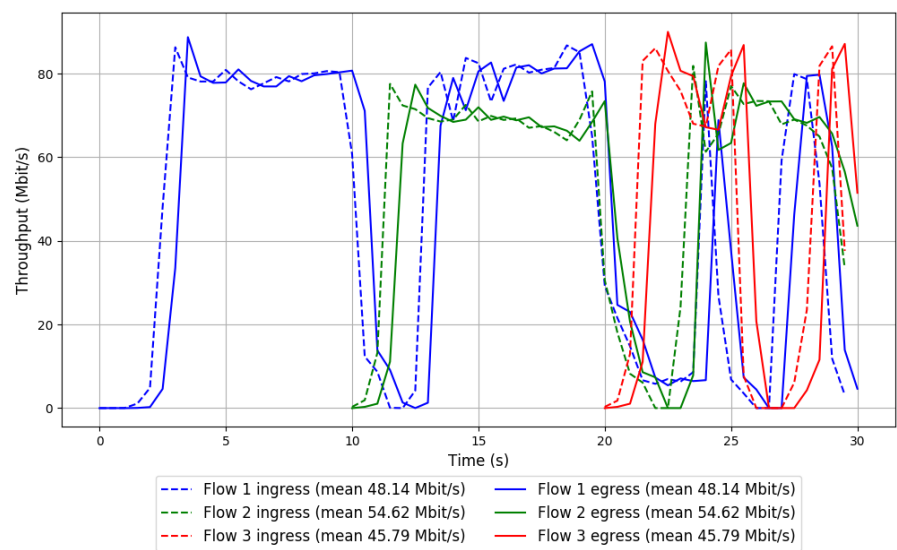


Run 4: Statistics of QUIC Cubic

Start at: 2020-02-18 05:32:09
End at: 2020-02-18 05:32:39
Local clock offset: -0.068 ms
Remote clock offset: -0.095 ms

Below is generated by plot.py at 2020-02-18 09:25:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 99.28 Mbit/s
95th percentile per-packet one-way delay: 85.106 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 48.14 Mbit/s
95th percentile per-packet one-way delay: 84.023 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 54.62 Mbit/s
95th percentile per-packet one-way delay: 85.125 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 45.79 Mbit/s
95th percentile per-packet one-way delay: 85.136 ms
Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link

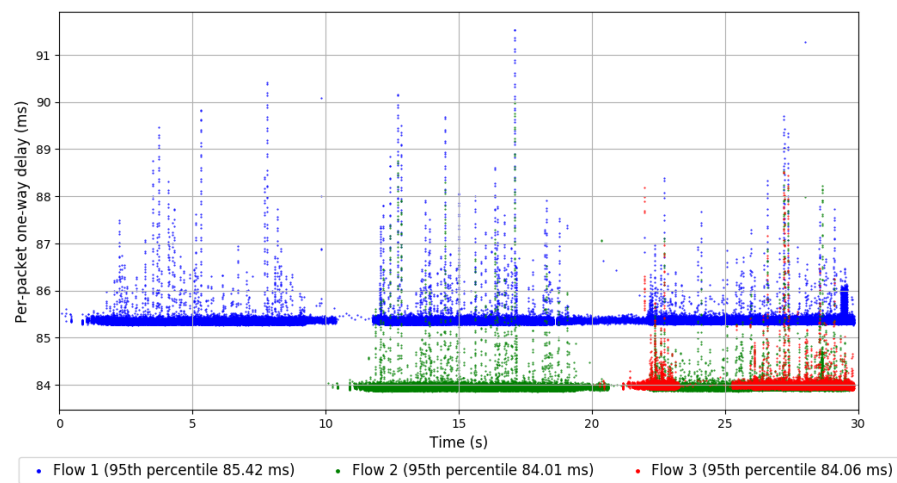
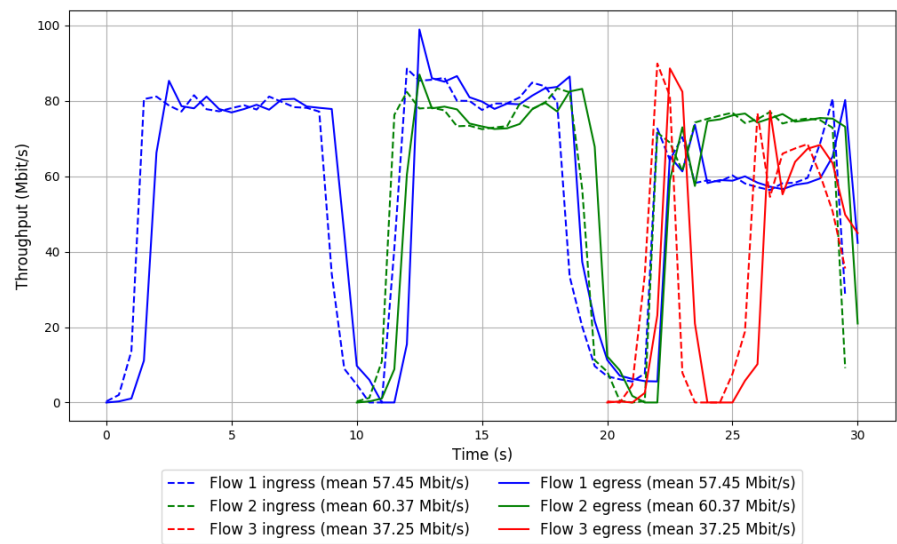


Run 5: Statistics of QUIC Cubic

Start at: 2020-02-18 06:12:27
End at: 2020-02-18 06:12:57
Local clock offset: -0.078 ms
Remote clock offset: -0.065 ms

Below is generated by plot.py at 2020-02-18 09:25:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 109.31 Mbit/s
95th percentile per-packet one-way delay: 85.394 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.45 Mbit/s
95th percentile per-packet one-way delay: 85.416 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.37 Mbit/s
95th percentile per-packet one-way delay: 84.008 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 37.25 Mbit/s
95th percentile per-packet one-way delay: 84.055 ms
Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link



Run 1: Statistics of SReAM

Start at: 2020-02-18 03:37:22

End at: 2020-02-18 03:37:52

Local clock offset: -0.11 ms

Remote clock offset: -0.02 ms

Below is generated by plot.py at 2020-02-18 09:25:10

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 85.531 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 85.438 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 84.807 ms

Loss rate: 0.00%

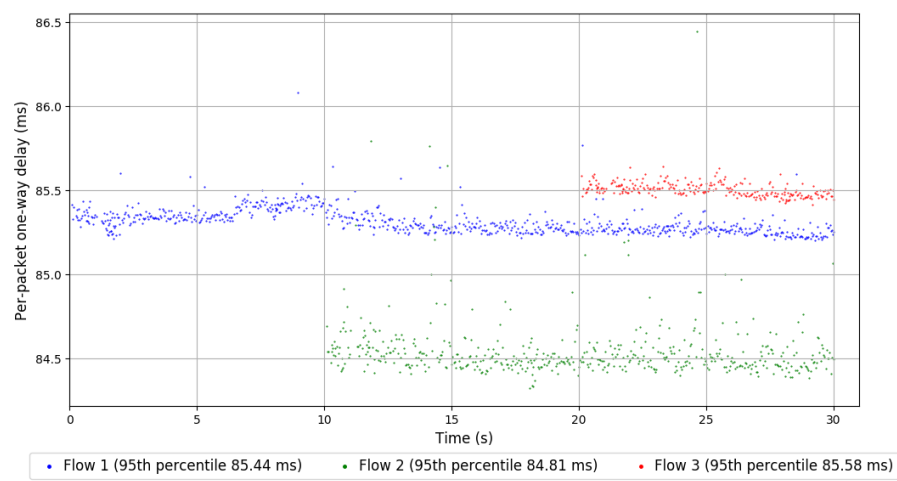
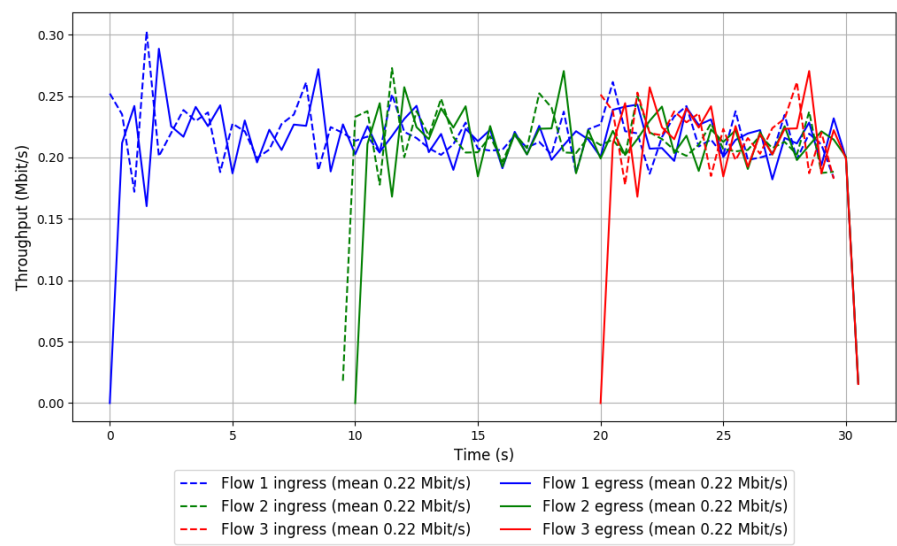
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 85.577 ms

Loss rate: 0.00%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SReAM

Start at: 2020-02-18 04:17:42

End at: 2020-02-18 04:18:12

Local clock offset: -0.05 ms

Remote clock offset: -0.04 ms

Below is generated by plot.py at 2020-02-18 09:25:10

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 85.445 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 85.273 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 84.148 ms

Loss rate: 0.00%

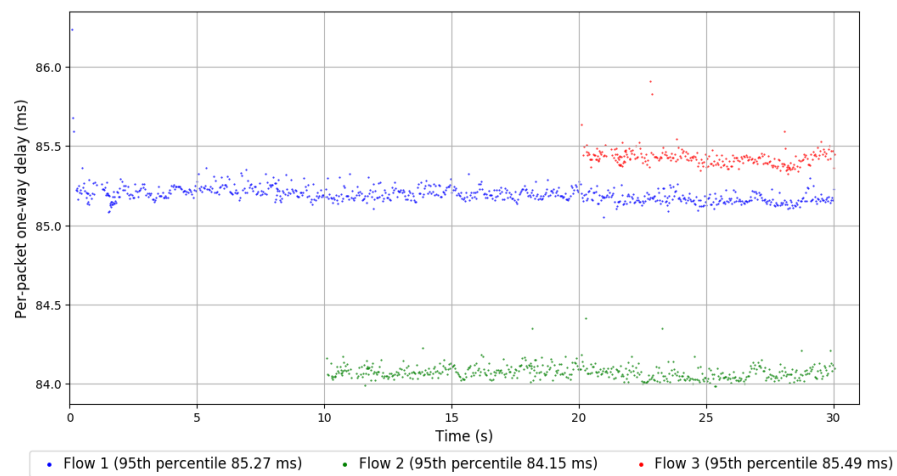
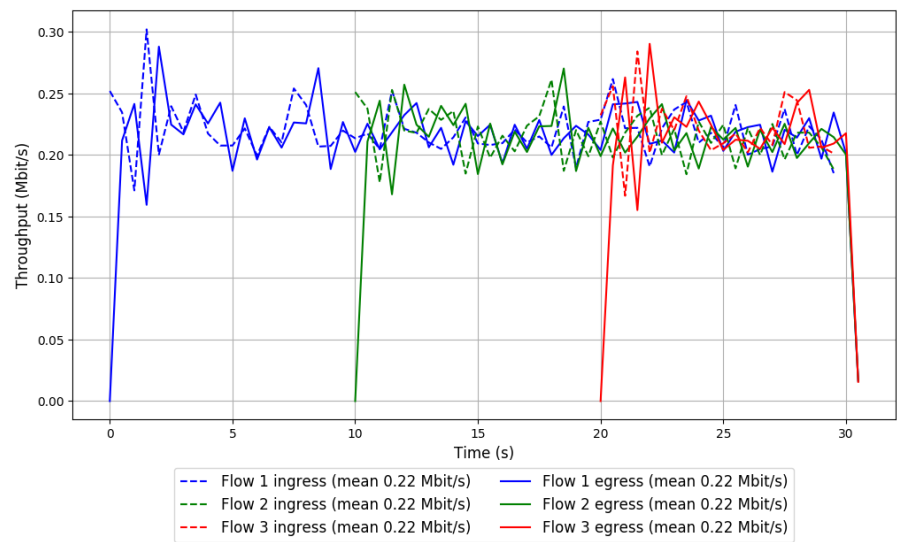
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 85.494 ms

Loss rate: 0.00%

Run 2: Report of SCReAM — Data Link

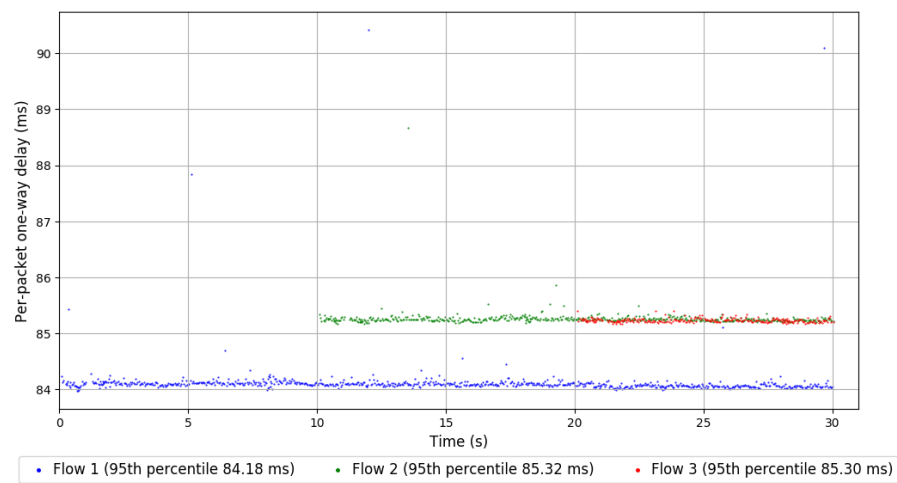
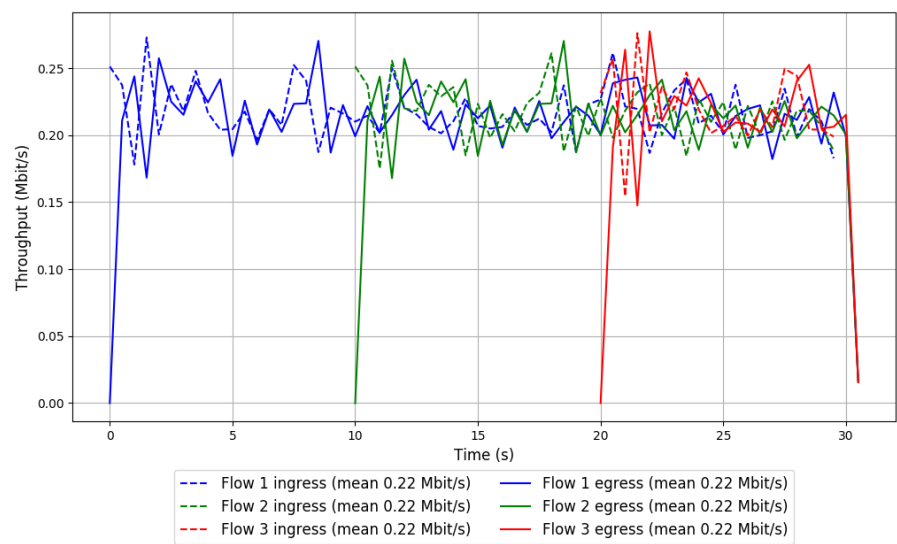


Run 3: Statistics of SReAM

Start at: 2020-02-18 04:58:01
End at: 2020-02-18 04:58:31
Local clock offset: -0.135 ms
Remote clock offset: -0.07 ms

Below is generated by plot.py at 2020-02-18 09:25:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 85.292 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.183 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.321 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.295 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

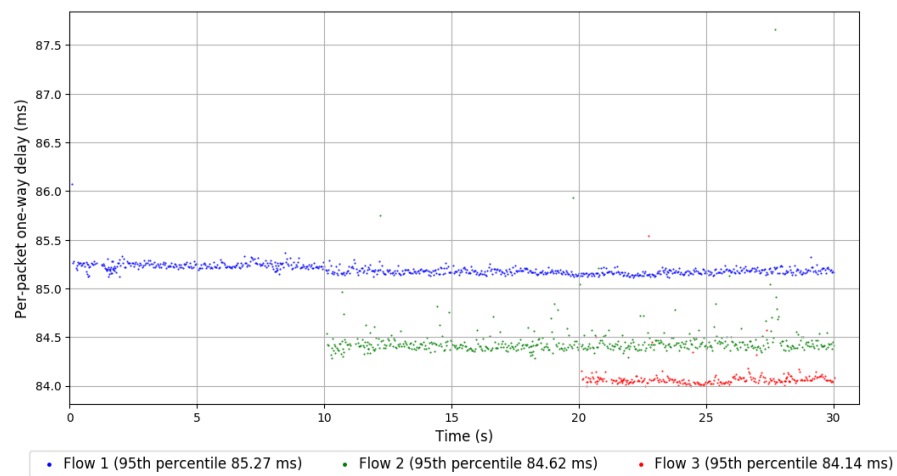
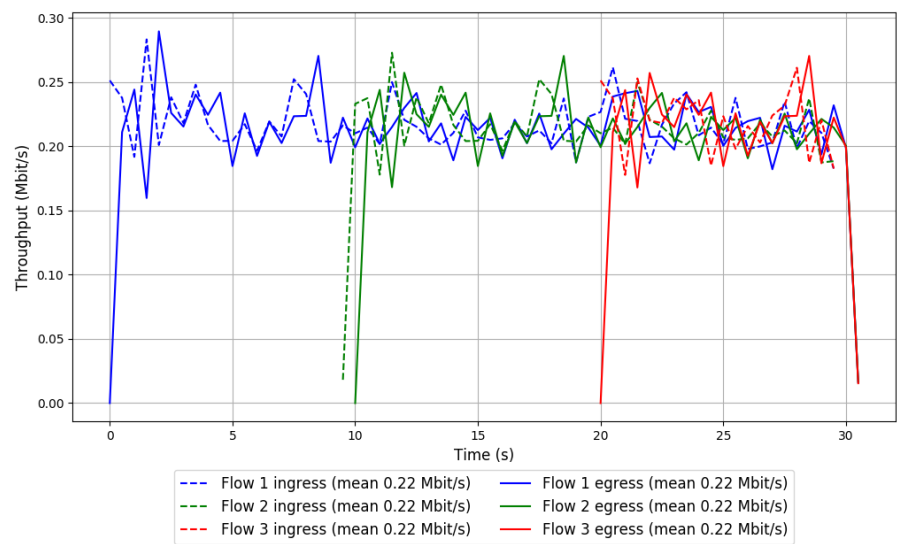


Run 4: Statistics of SReAM

Start at: 2020-02-18 05:38:32
End at: 2020-02-18 05:39:02
Local clock offset: -0.083 ms
Remote clock offset: -0.081 ms

Below is generated by plot.py at 2020-02-18 09:25:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 85.260 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.268 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.622 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.142 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

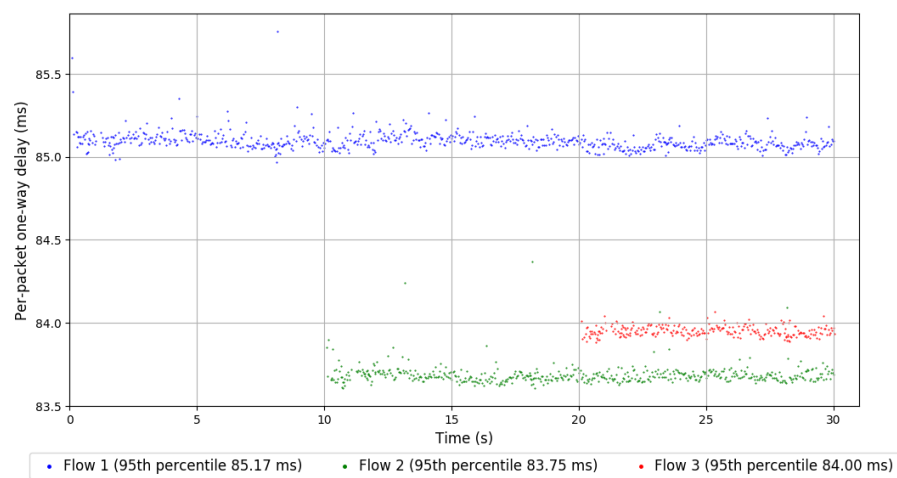
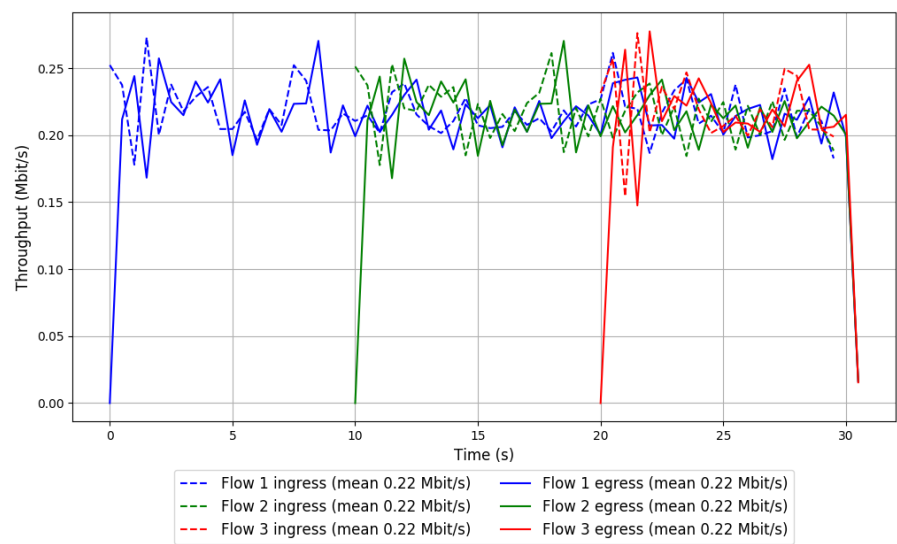


Run 5: Statistics of SReAM

Start at: 2020-02-18 06:18:48
End at: 2020-02-18 06:19:18
Local clock offset: 0.281 ms
Remote clock offset: -0.075 ms

Below is generated by plot.py at 2020-02-18 09:25:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 85.146 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.167 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.751 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.002 ms
Loss rate: 0.00%

Run 5: Report of SCReAM — Data Link

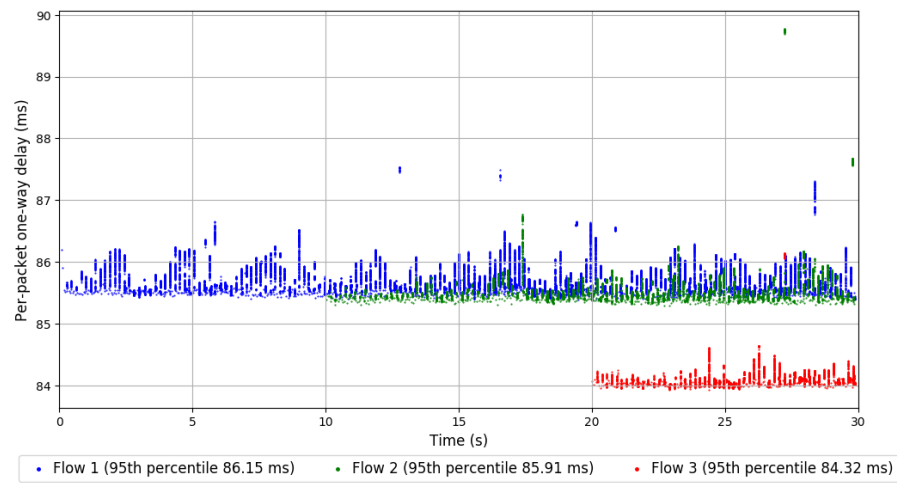
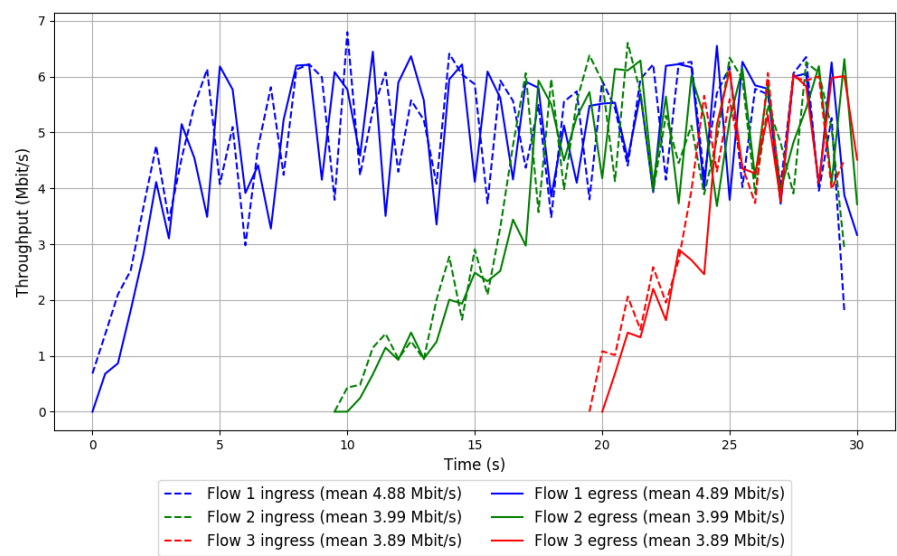


Run 1: Statistics of Sprout

Start at: 2020-02-18 03:22:33
End at: 2020-02-18 03:23:03
Local clock offset: -0.105 ms
Remote clock offset: -0.081 ms

Below is generated by plot.py at 2020-02-18 09:25:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.83 Mbit/s
95th percentile per-packet one-way delay: 86.107 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.89 Mbit/s
95th percentile per-packet one-way delay: 86.154 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.99 Mbit/s
95th percentile per-packet one-way delay: 85.906 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.89 Mbit/s
95th percentile per-packet one-way delay: 84.322 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

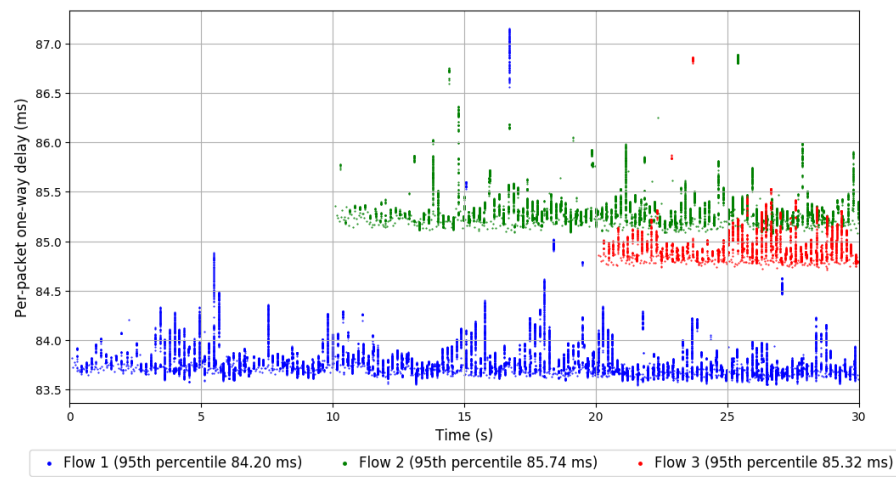
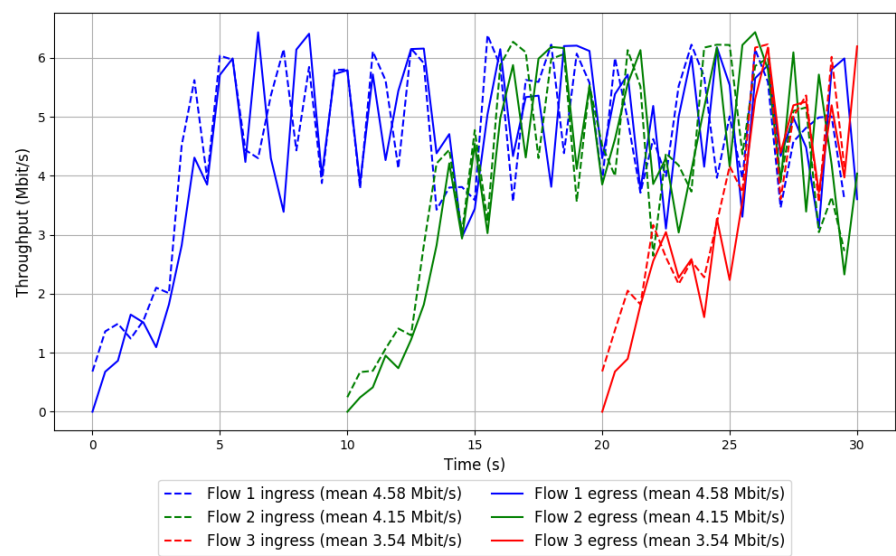


Run 2: Statistics of Sprout

Start at: 2020-02-18 04:03:10
End at: 2020-02-18 04:03:40
Local clock offset: 0.323 ms
Remote clock offset: -0.045 ms

```
# Below is generated by plot.py at 2020-02-18 09:25:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.51 Mbit/s
95th percentile per-packet one-way delay: 85.470 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.58 Mbit/s
95th percentile per-packet one-way delay: 84.201 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.15 Mbit/s
95th percentile per-packet one-way delay: 85.738 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.54 Mbit/s
95th percentile per-packet one-way delay: 85.317 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

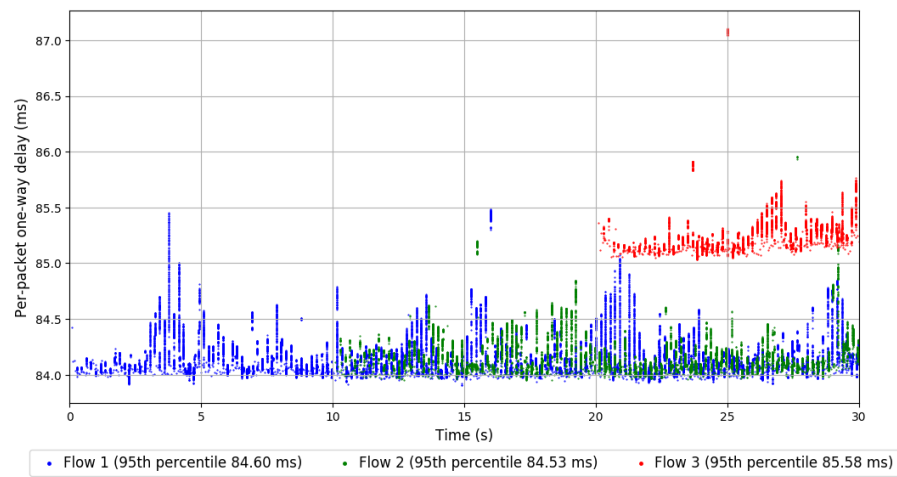
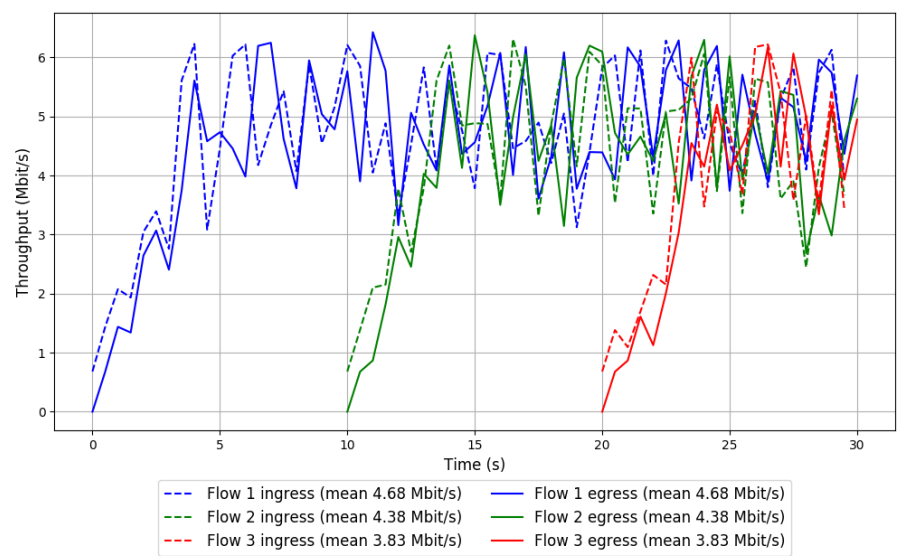


Run 3: Statistics of Sprout

Start at: 2020-02-18 04:43:22
End at: 2020-02-18 04:43:53
Local clock offset: -0.162 ms
Remote clock offset: -0.022 ms

```
# Below is generated by plot.py at 2020-02-18 09:25:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.85 Mbit/s
95th percentile per-packet one-way delay: 85.307 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.68 Mbit/s
95th percentile per-packet one-way delay: 84.601 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.38 Mbit/s
95th percentile per-packet one-way delay: 84.527 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.83 Mbit/s
95th percentile per-packet one-way delay: 85.580 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

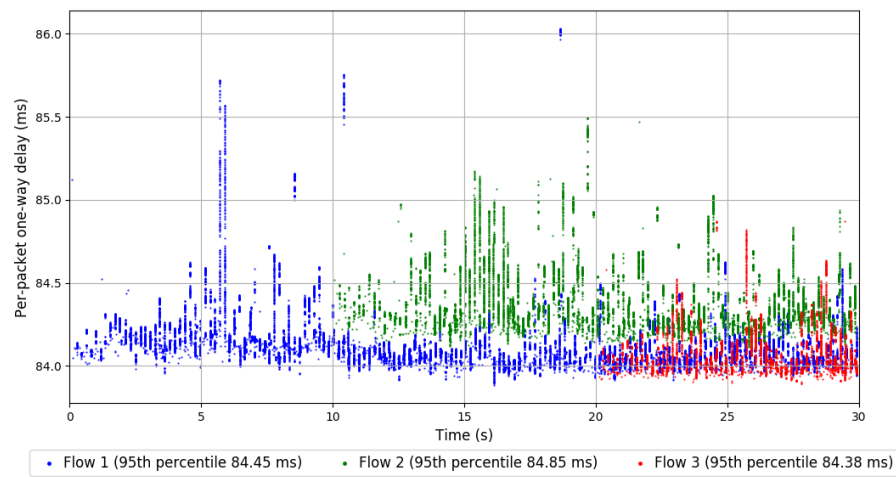
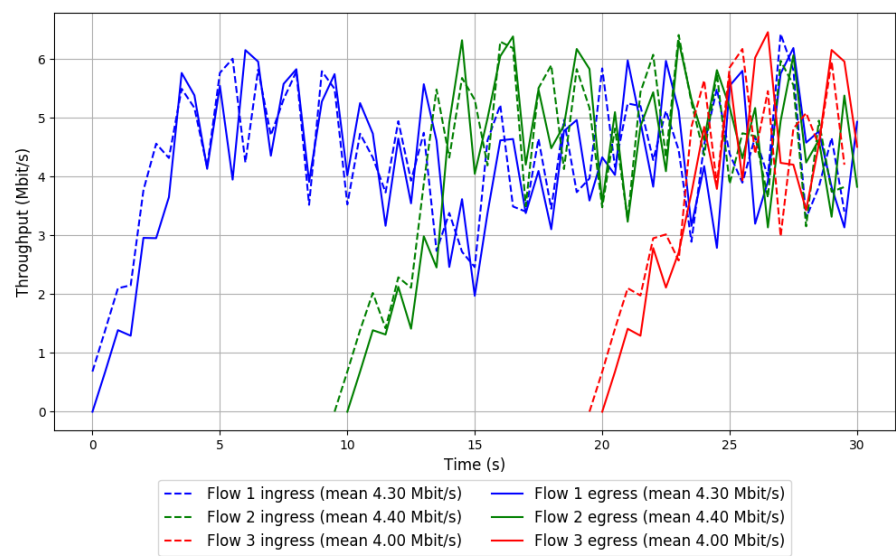


Run 4: Statistics of Sprout

Start at: 2020-02-18 05:23:43
End at: 2020-02-18 05:24:13
Local clock offset: -0.046 ms
Remote clock offset: -0.145 ms

```
# Below is generated by plot.py at 2020-02-18 09:25:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.55 Mbit/s
95th percentile per-packet one-way delay: 84.633 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.30 Mbit/s
95th percentile per-packet one-way delay: 84.448 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.40 Mbit/s
95th percentile per-packet one-way delay: 84.847 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.00 Mbit/s
95th percentile per-packet one-way delay: 84.378 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

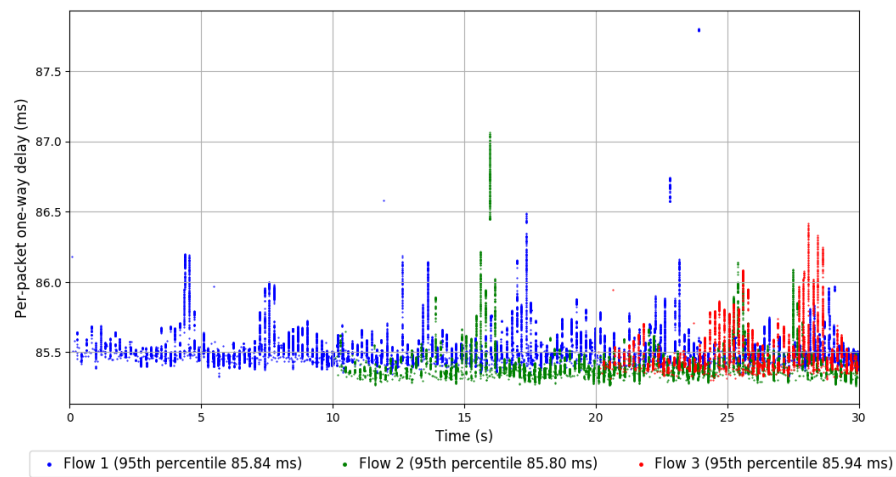
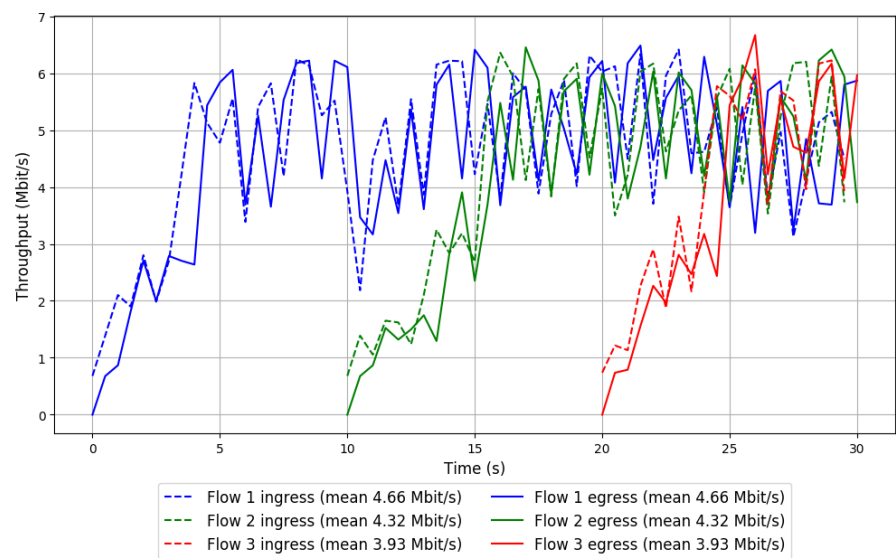


Run 5: Statistics of Sprout

Start at: 2020-02-18 06:04:16
End at: 2020-02-18 06:04:46
Local clock offset: -0.033 ms
Remote clock offset: -0.042 ms

Below is generated by plot.py at 2020-02-18 09:25:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.82 Mbit/s
95th percentile per-packet one-way delay: 85.846 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.66 Mbit/s
95th percentile per-packet one-way delay: 85.839 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 4.32 Mbit/s
95th percentile per-packet one-way delay: 85.800 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.93 Mbit/s
95th percentile per-packet one-way delay: 85.942 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

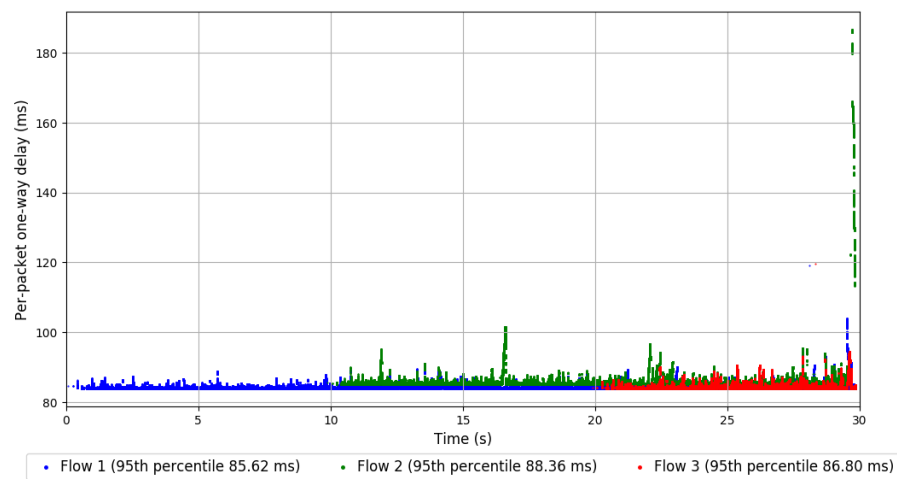
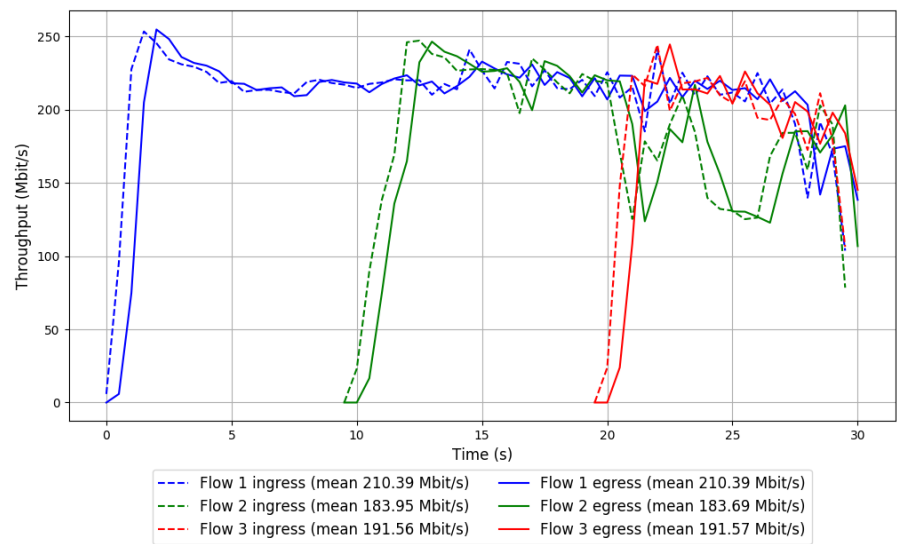


```
Run 1: Statistics of TaoVA-100x

Start at: 2020-02-18 03:10:08
End at: 2020-02-18 03:10:38
Local clock offset: -0.354 ms
Remote clock offset: -0.161 ms

# Below is generated by plot.py at 2020-02-18 09:37:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 397.30 Mbit/s
95th percentile per-packet one-way delay: 86.721 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 210.39 Mbit/s
95th percentile per-packet one-way delay: 85.620 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 183.69 Mbit/s
95th percentile per-packet one-way delay: 88.363 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 191.57 Mbit/s
95th percentile per-packet one-way delay: 86.795 ms
Loss rate: 0.00%
```

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

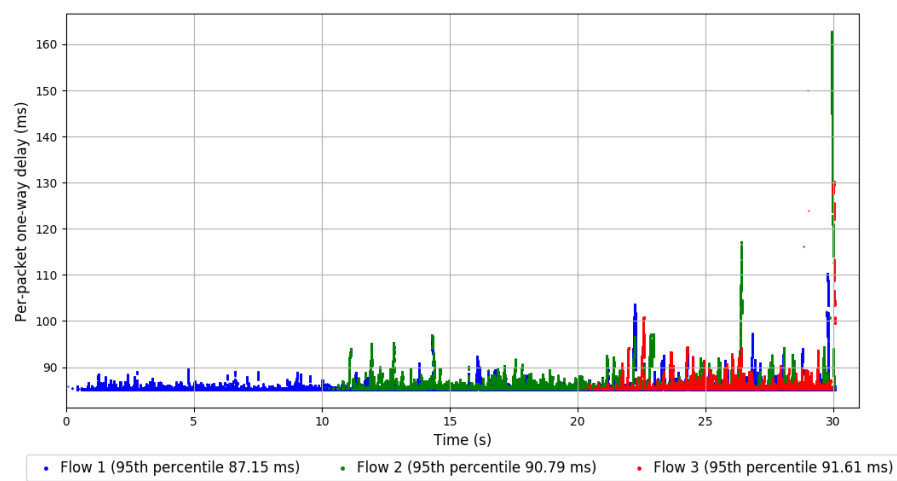
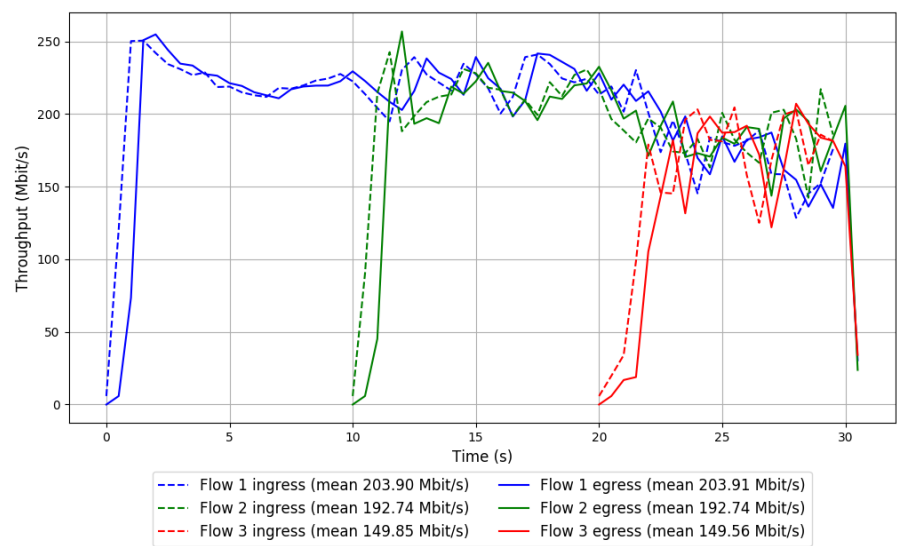


Run 2: Statistics of TaoVA-100x

Start at: 2020-02-18 03:50:45
End at: 2020-02-18 03:51:15
Local clock offset: -0.095 ms
Remote clock offset: -0.024 ms

Below is generated by plot.py at 2020-02-18 09:37:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 381.66 Mbit/s
95th percentile per-packet one-way delay: 89.058 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 203.91 Mbit/s
95th percentile per-packet one-way delay: 87.149 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 192.74 Mbit/s
95th percentile per-packet one-way delay: 90.788 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 149.56 Mbit/s
95th percentile per-packet one-way delay: 91.614 ms
Loss rate: 0.18%

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

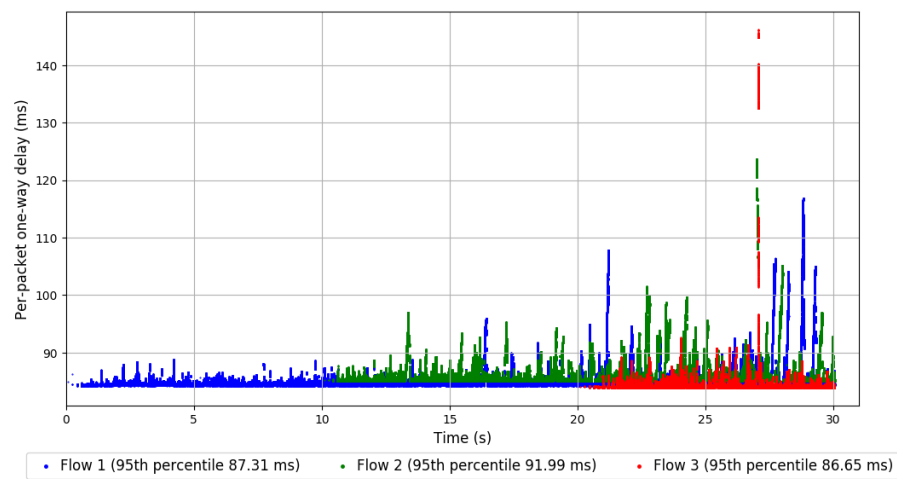
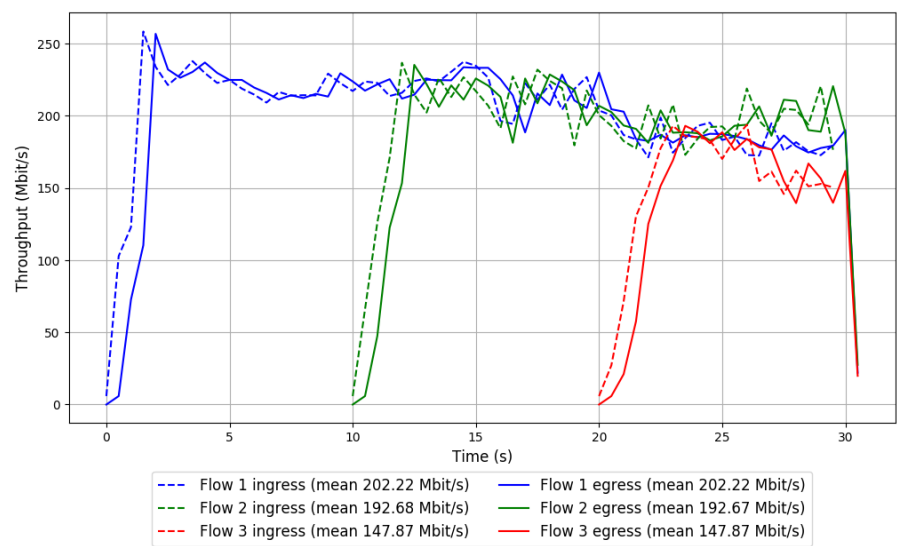


Run 3: Statistics of TaoVA-100x

Start at: 2020-02-18 04:30:49
End at: 2020-02-18 04:31:19
Local clock offset: -0.168 ms
Remote clock offset: -0.028 ms

Below is generated by plot.py at 2020-02-18 09:37:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 379.56 Mbit/s
95th percentile per-packet one-way delay: 89.284 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 202.22 Mbit/s
95th percentile per-packet one-way delay: 87.309 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 192.67 Mbit/s
95th percentile per-packet one-way delay: 91.994 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 147.87 Mbit/s
95th percentile per-packet one-way delay: 86.646 ms
Loss rate: 0.00%

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

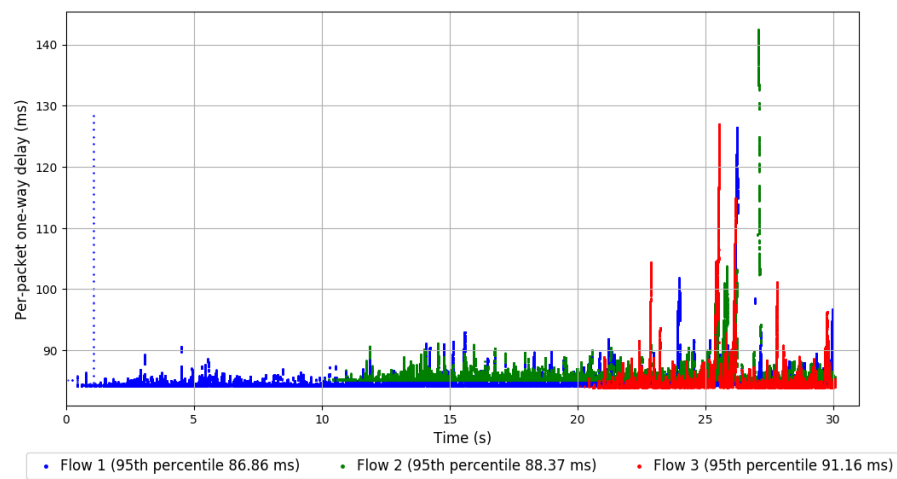
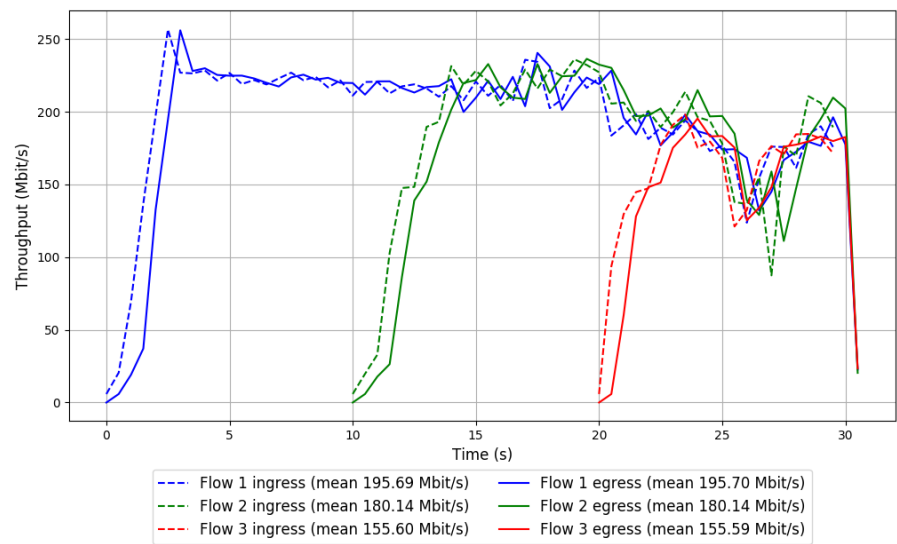


Run 4: Statistics of TaoVA-100x

Start at: 2020-02-18 05:11:21
End at: 2020-02-18 05:11:51
Local clock offset: -0.089 ms
Remote clock offset: -0.106 ms

Below is generated by plot.py at 2020-02-18 09:37:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 367.37 Mbit/s
95th percentile per-packet one-way delay: 87.899 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 195.70 Mbit/s
95th percentile per-packet one-way delay: 86.857 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 180.14 Mbit/s
95th percentile per-packet one-way delay: 88.368 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 155.59 Mbit/s
95th percentile per-packet one-way delay: 91.162 ms
Loss rate: 0.00%

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

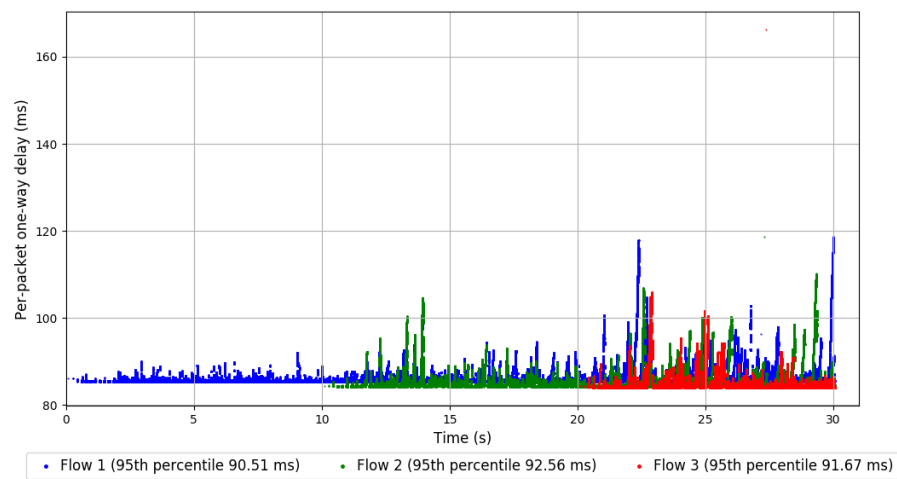
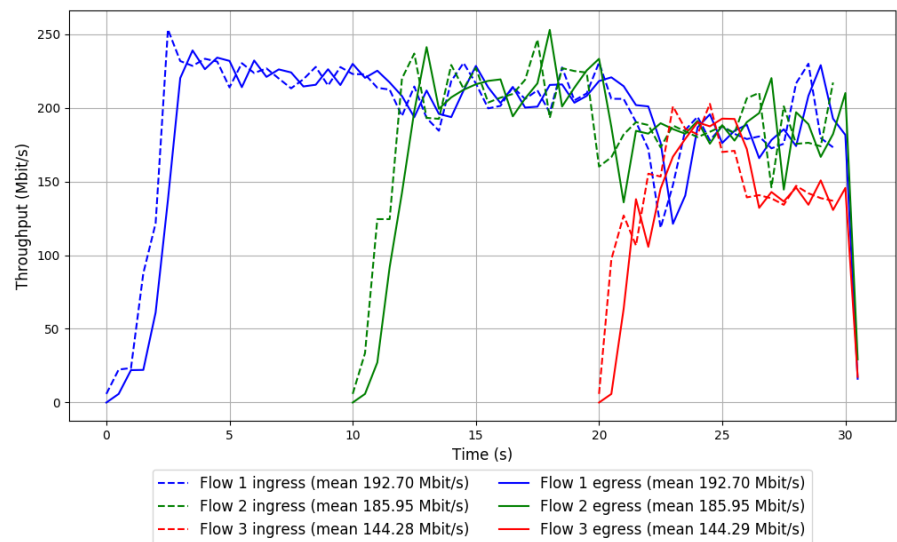


Run 5: Statistics of TaoVA-100x

Start at: 2020-02-18 05:52:08
End at: 2020-02-18 05:52:38
Local clock offset: -0.05 ms
Remote clock offset: -0.034 ms

Below is generated by plot.py at 2020-02-18 09:37:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 364.49 Mbit/s
95th percentile per-packet one-way delay: 91.276 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 192.70 Mbit/s
95th percentile per-packet one-way delay: 90.514 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 185.95 Mbit/s
95th percentile per-packet one-way delay: 92.564 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 144.29 Mbit/s
95th percentile per-packet one-way delay: 91.665 ms
Loss rate: 0.00%

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



Run 1: Statistics of TCP Vegas

Start at: 2020-02-18 03:08:22

End at: 2020-02-18 03:08:52

Local clock offset: -0.23 ms

Remote clock offset: -0.2 ms

Below is generated by plot.py at 2020-02-18 09:37:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 521.91 Mbit/s

95th percentile per-packet one-way delay: 85.602 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 213.94 Mbit/s

95th percentile per-packet one-way delay: 85.670 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 316.44 Mbit/s

95th percentile per-packet one-way delay: 84.942 ms

Loss rate: 0.00%

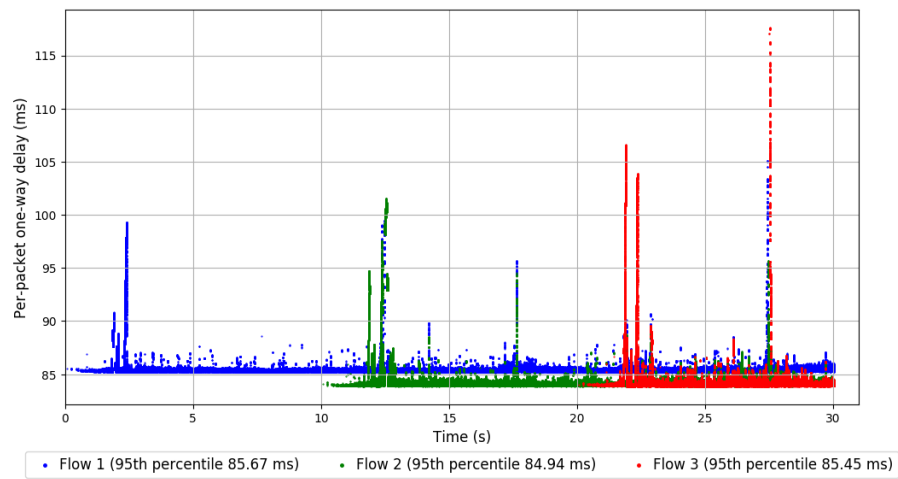
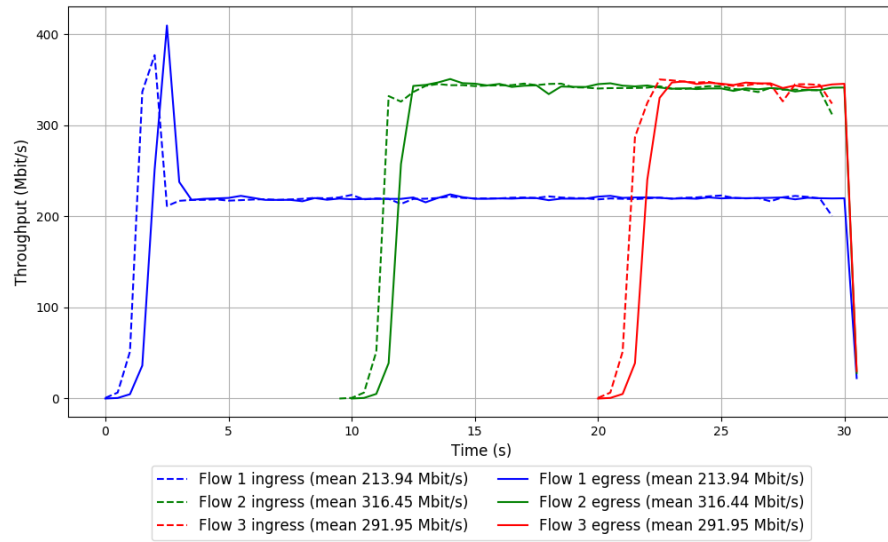
-- Flow 3:

Average throughput: 291.95 Mbit/s

95th percentile per-packet one-way delay: 85.451 ms

Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

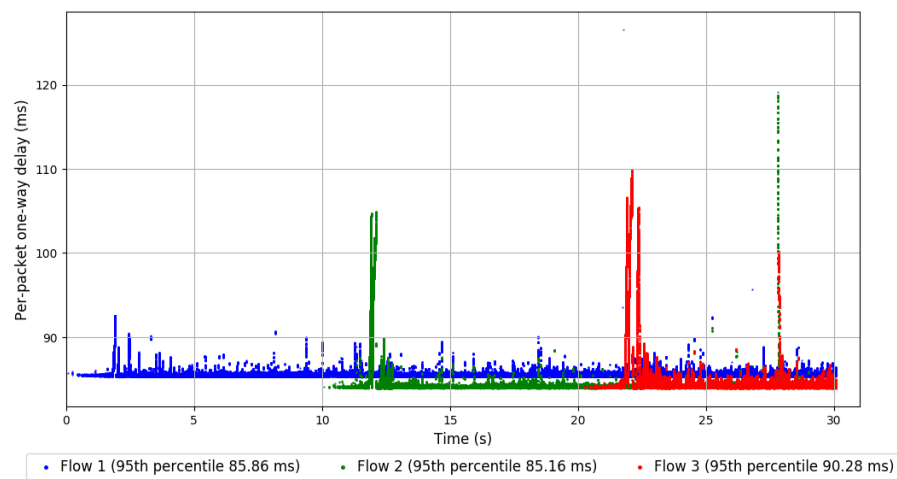
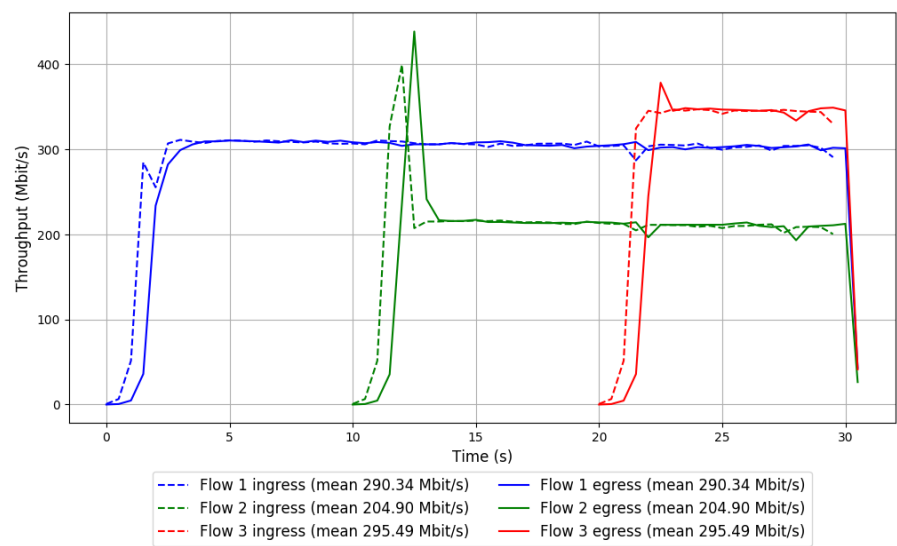


Run 2: Statistics of TCP Vegas

Start at: 2020-02-18 03:48:59
End at: 2020-02-18 03:49:29
Local clock offset: -0.089 ms
Remote clock offset: -0.021 ms

Below is generated by plot.py at 2020-02-18 09:37:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 525.10 Mbit/s
95th percentile per-packet one-way delay: 85.941 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 290.34 Mbit/s
95th percentile per-packet one-way delay: 85.855 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 204.90 Mbit/s
95th percentile per-packet one-way delay: 85.162 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 295.49 Mbit/s
95th percentile per-packet one-way delay: 90.276 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

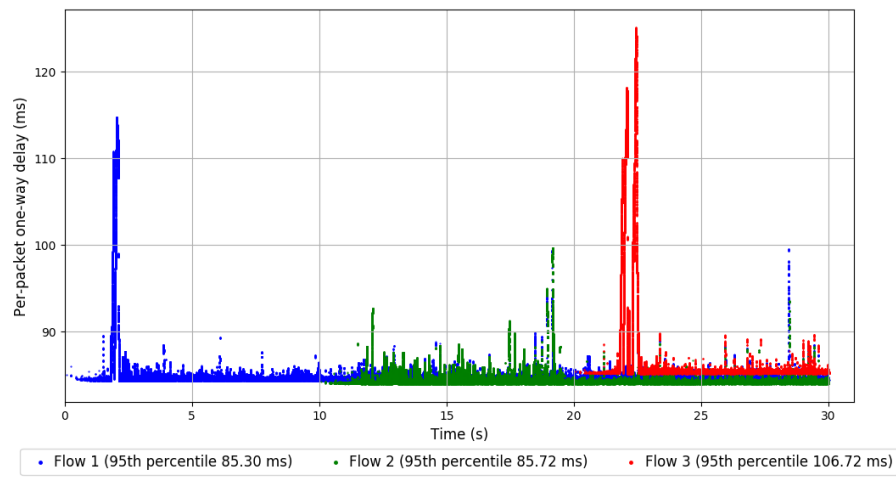
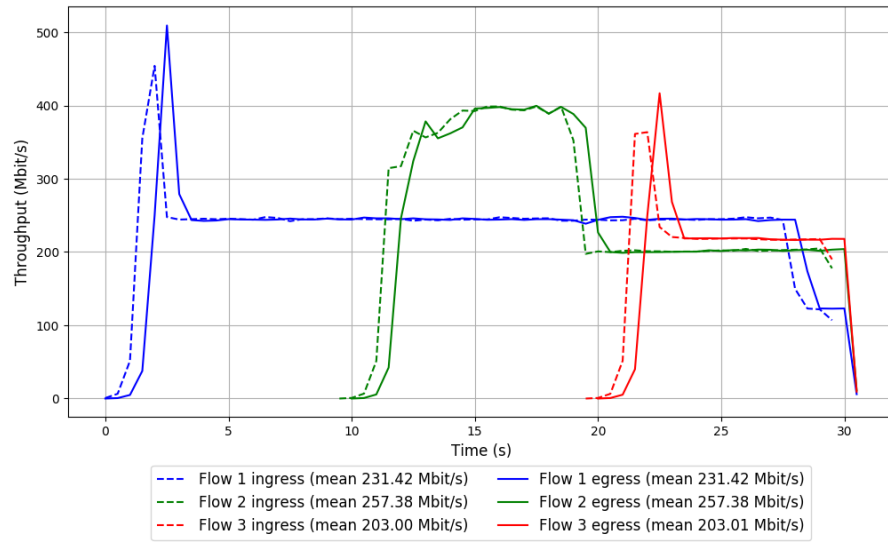


Run 3: Statistics of TCP Vegas

Start at: 2020-02-18 04:29:06
End at: 2020-02-18 04:29:36
Local clock offset: -0.155 ms
Remote clock offset: -0.021 ms

Below is generated by plot.py at 2020-02-18 09:38:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 470.51 Mbit/s
95th percentile per-packet one-way delay: 86.044 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 231.42 Mbit/s
95th percentile per-packet one-way delay: 85.300 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 257.38 Mbit/s
95th percentile per-packet one-way delay: 85.716 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 203.01 Mbit/s
95th percentile per-packet one-way delay: 106.725 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

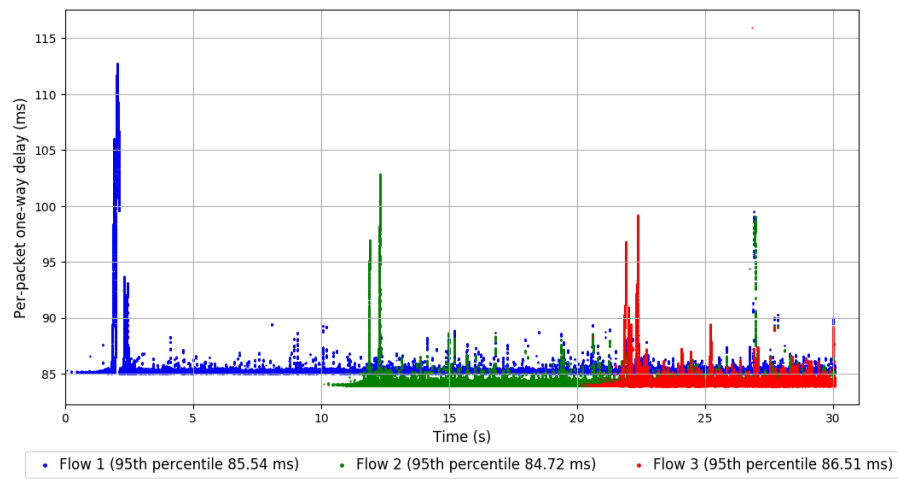
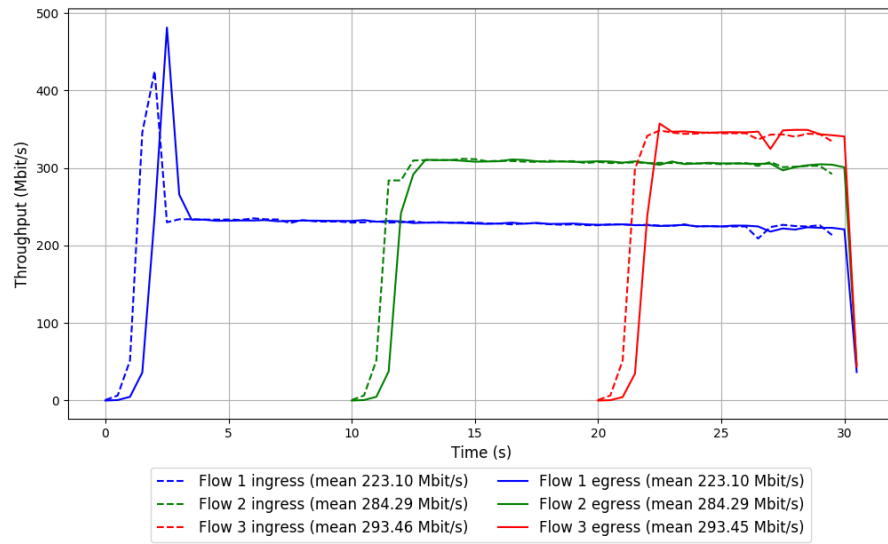


Run 4: Statistics of TCP Vegas

Start at: 2020-02-18 05:09:37
End at: 2020-02-18 05:10:07
Local clock offset: -0.082 ms
Remote clock offset: -0.112 ms

Below is generated by plot.py at 2020-02-18 09:45:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 510.00 Mbit/s
95th percentile per-packet one-way delay: 85.439 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 223.10 Mbit/s
95th percentile per-packet one-way delay: 85.544 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 284.29 Mbit/s
95th percentile per-packet one-way delay: 84.719 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 293.45 Mbit/s
95th percentile per-packet one-way delay: 86.508 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

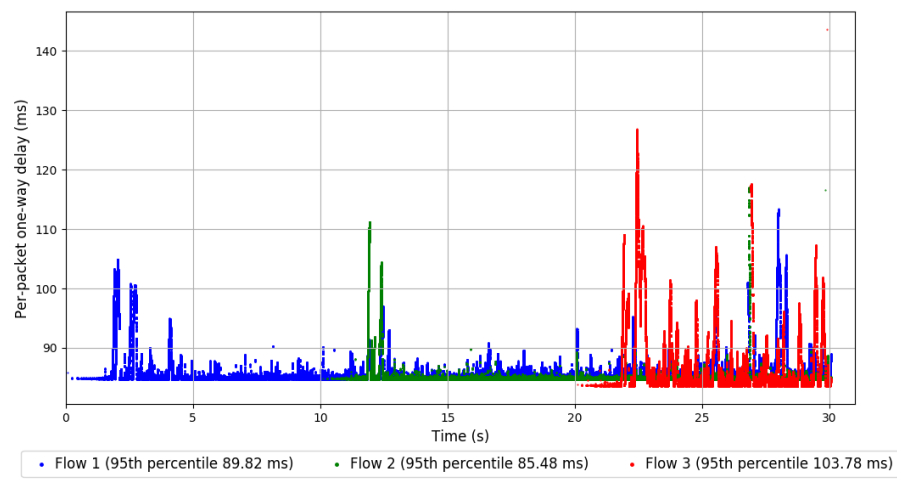
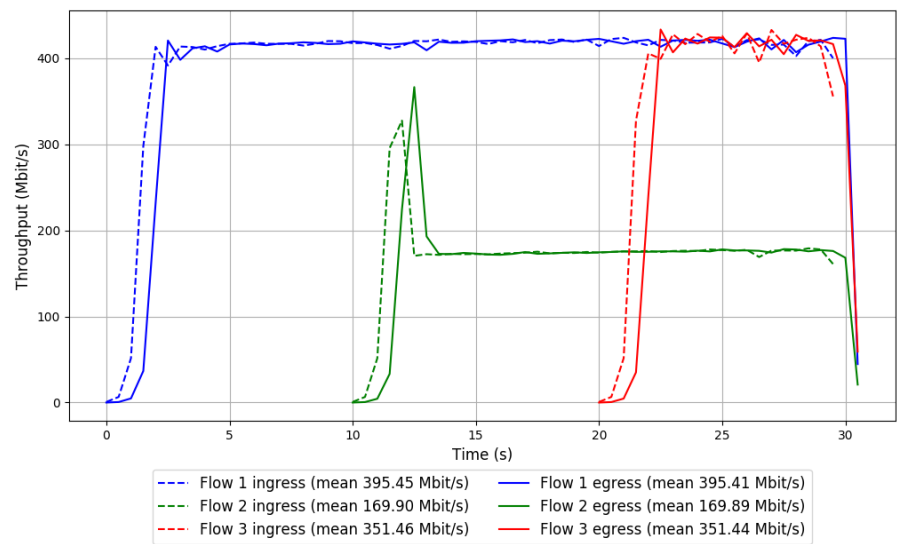


Run 5: Statistics of TCP Vegas

Start at: 2020-02-18 05:50:17
End at: 2020-02-18 05:50:47
Local clock offset: 0.336 ms
Remote clock offset: -0.047 ms

Below is generated by plot.py at 2020-02-18 09:51:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 625.39 Mbit/s
95th percentile per-packet one-way delay: 93.375 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 395.41 Mbit/s
95th percentile per-packet one-way delay: 89.820 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 169.89 Mbit/s
95th percentile per-packet one-way delay: 85.481 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 351.44 Mbit/s
95th percentile per-packet one-way delay: 103.783 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

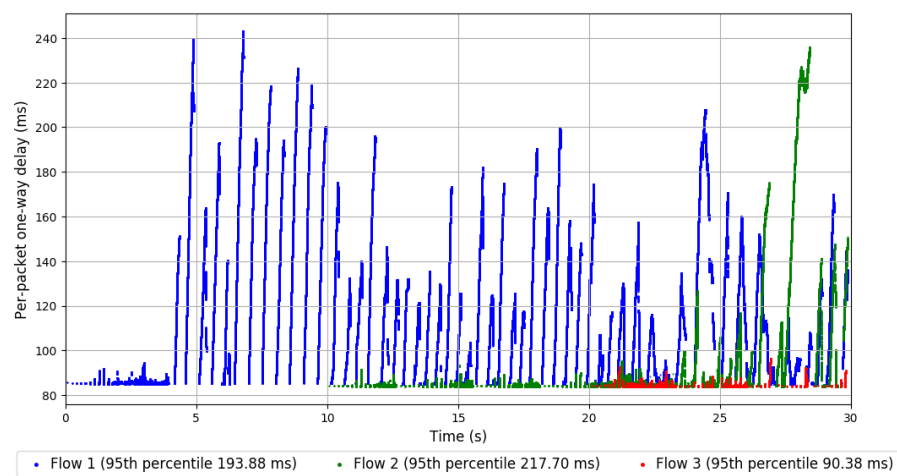
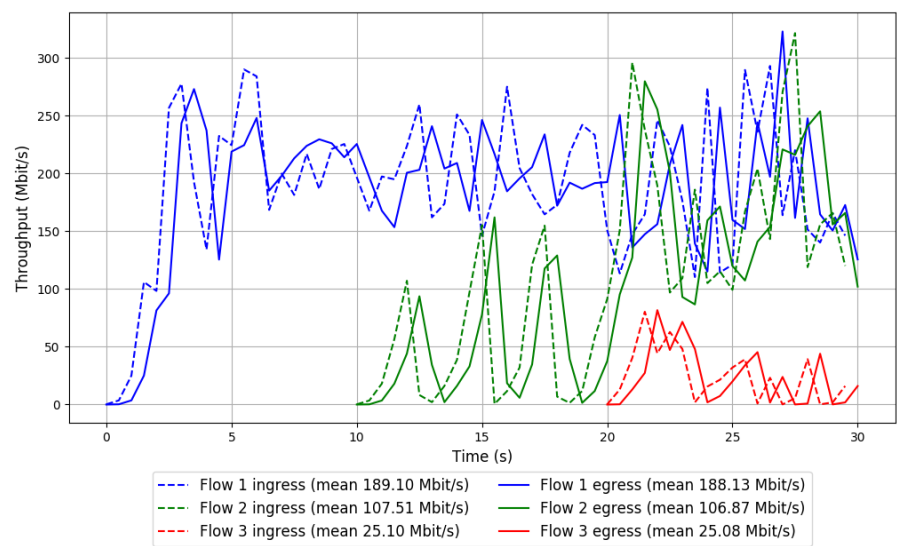


Run 1: Statistics of Verus

Start at: 2020-02-18 03:25:39
End at: 2020-02-18 03:26:09
Local clock offset: -0.112 ms
Remote clock offset: -0.052 ms

Below is generated by plot.py at 2020-02-18 09:51:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 267.28 Mbit/s
95th percentile per-packet one-way delay: 195.227 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 188.13 Mbit/s
95th percentile per-packet one-way delay: 193.877 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 106.87 Mbit/s
95th percentile per-packet one-way delay: 217.701 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 25.08 Mbit/s
95th percentile per-packet one-way delay: 90.380 ms
Loss rate: 0.00%

Run 1: Report of Verus — Data Link

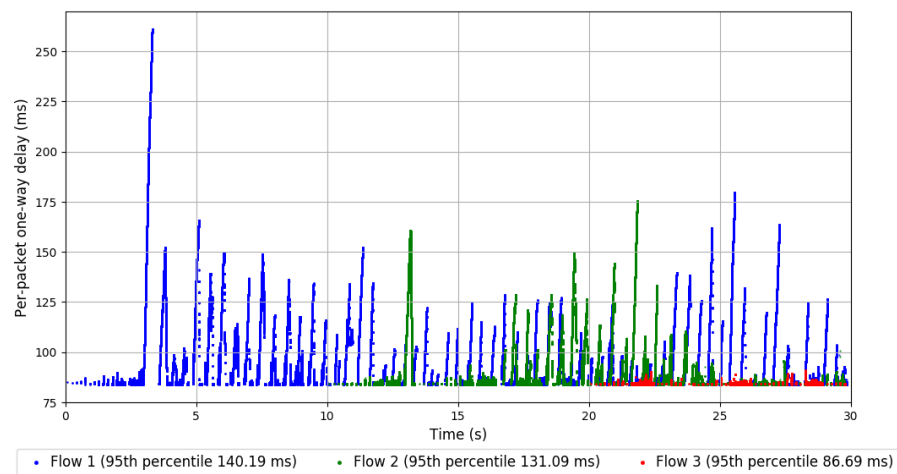
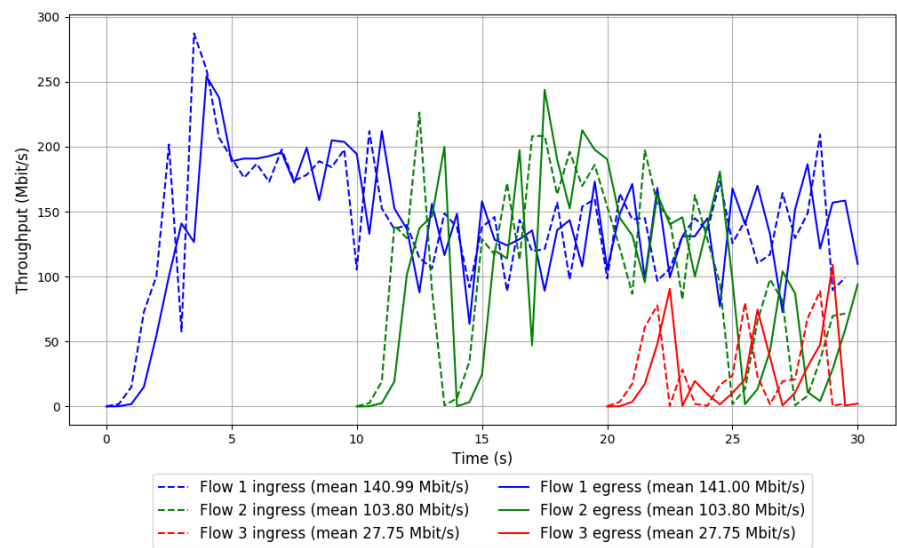


Run 2: Statistics of Verus

Start at: 2020-02-18 04:06:03
End at: 2020-02-18 04:06:33
Local clock offset: -0.077 ms
Remote clock offset: -0.058 ms

Below is generated by plot.py at 2020-02-18 09:51:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 218.63 Mbit/s
95th percentile per-packet one-way delay: 137.723 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 141.00 Mbit/s
95th percentile per-packet one-way delay: 140.190 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 103.80 Mbit/s
95th percentile per-packet one-way delay: 131.086 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 27.75 Mbit/s
95th percentile per-packet one-way delay: 86.689 ms
Loss rate: 0.00%

Run 2: Report of Verus — Data Link

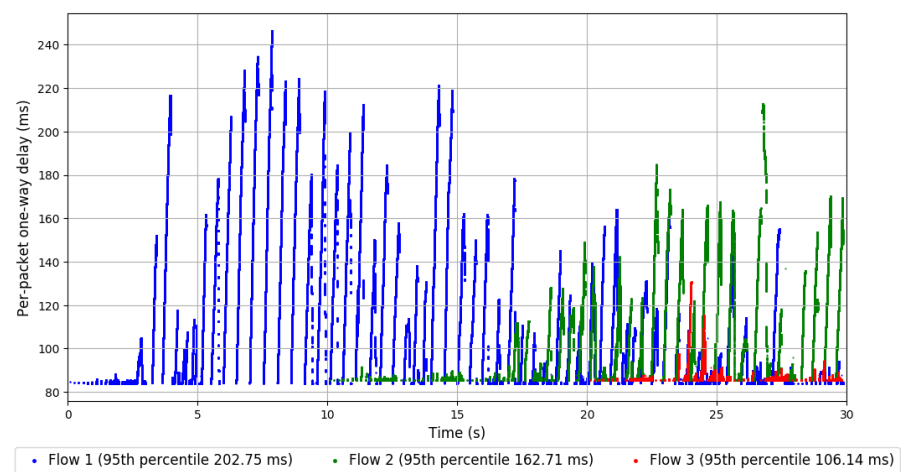
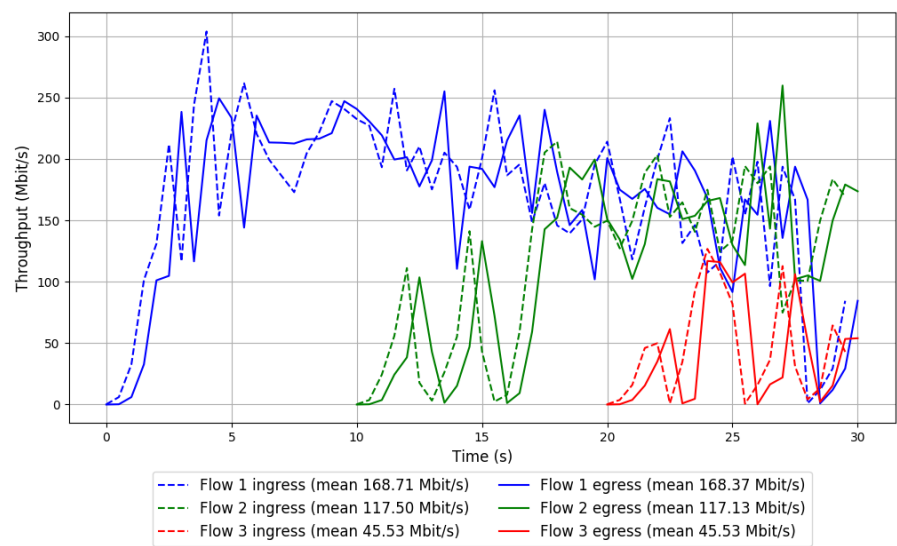


Run 3: Statistics of Verus

Start at: 2020-02-18 04:46:14
End at: 2020-02-18 04:46:44
Local clock offset: -0.18 ms
Remote clock offset: -0.017 ms

Below is generated by plot.py at 2020-02-18 09:51:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 260.88 Mbit/s
95th percentile per-packet one-way delay: 191.498 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 168.37 Mbit/s
95th percentile per-packet one-way delay: 202.753 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 117.13 Mbit/s
95th percentile per-packet one-way delay: 162.712 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 45.53 Mbit/s
95th percentile per-packet one-way delay: 106.140 ms
Loss rate: 0.00%

Run 3: Report of Verus — Data Link

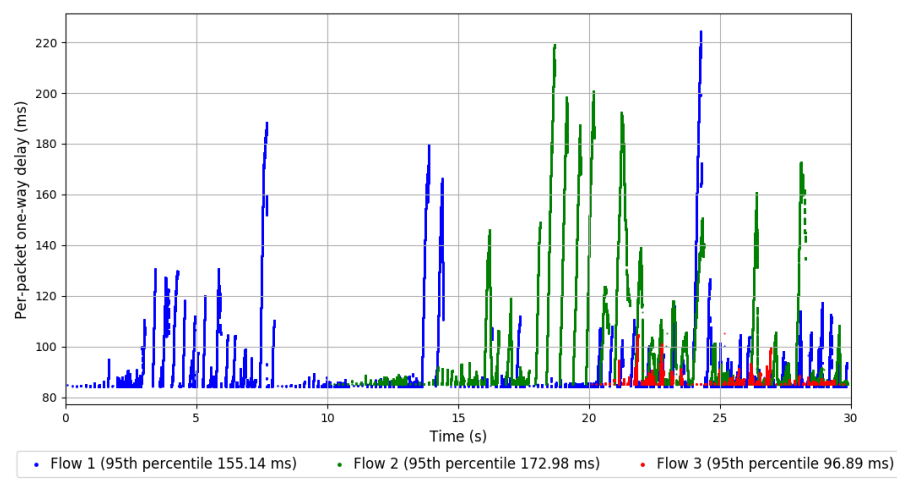
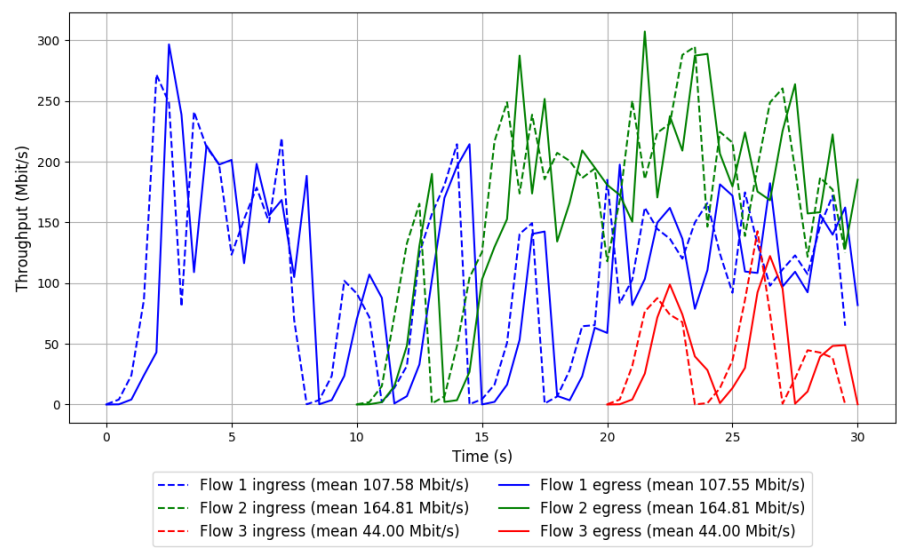


Run 4: Statistics of Verus

Start at: 2020-02-18 05:26:48
End at: 2020-02-18 05:27:18
Local clock offset: -0.088 ms
Remote clock offset: -0.123 ms

Below is generated by plot.py at 2020-02-18 09:51:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 231.08 Mbit/s
95th percentile per-packet one-way delay: 163.729 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 107.55 Mbit/s
95th percentile per-packet one-way delay: 155.144 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 164.81 Mbit/s
95th percentile per-packet one-way delay: 172.981 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 44.00 Mbit/s
95th percentile per-packet one-way delay: 96.892 ms
Loss rate: 0.00%

Run 4: Report of Verus — Data Link

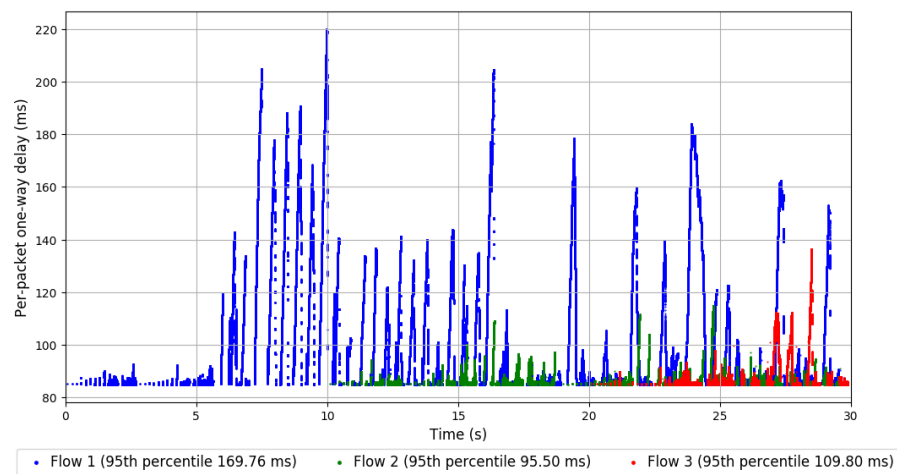
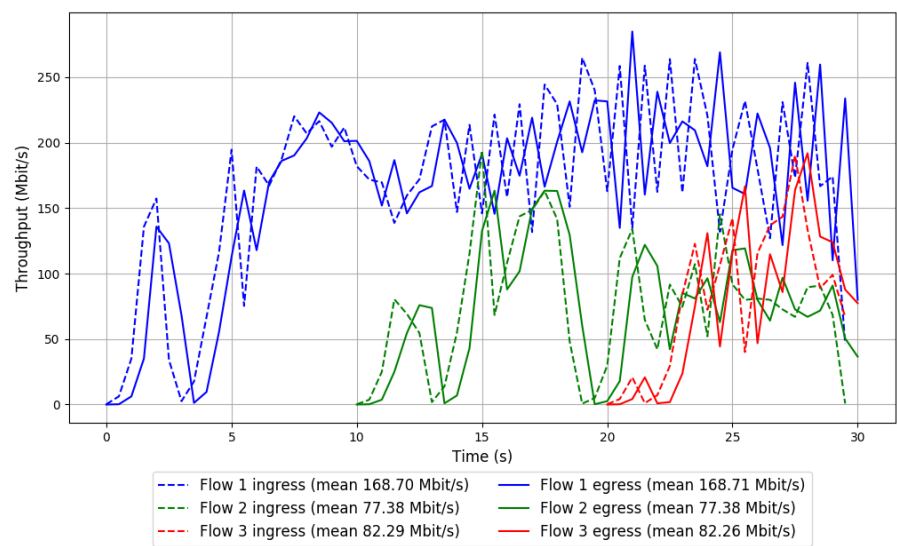


Run 5: Statistics of Verus

Start at: 2020-02-18 06:07:10
End at: 2020-02-18 06:07:40
Local clock offset: -0.066 ms
Remote clock offset: -0.047 ms

Below is generated by plot.py at 2020-02-18 09:51:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 246.09 Mbit/s
95th percentile per-packet one-way delay: 159.072 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 168.71 Mbit/s
95th percentile per-packet one-way delay: 169.762 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 77.38 Mbit/s
95th percentile per-packet one-way delay: 95.505 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 82.26 Mbit/s
95th percentile per-packet one-way delay: 109.802 ms
Loss rate: 0.05%

Run 5: Report of Verus — Data Link

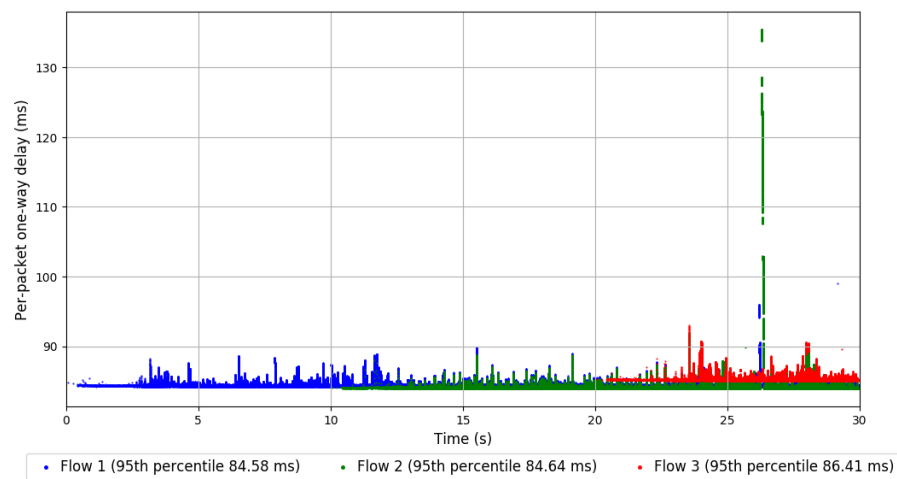
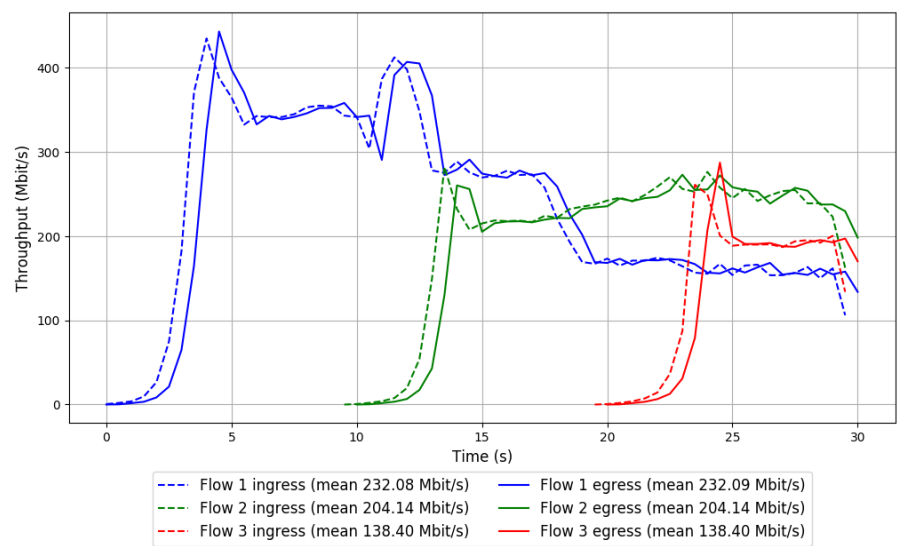


Run 1: Statistics of PCC-Vivace

Start at: 2020-02-18 03:06:36
End at: 2020-02-18 03:07:06
Local clock offset: -0.236 ms
Remote clock offset: -0.154 ms

Below is generated by plot.py at 2020-02-18 09:51:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 413.66 Mbit/s
95th percentile per-packet one-way delay: 85.234 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 232.09 Mbit/s
95th percentile per-packet one-way delay: 84.584 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 204.14 Mbit/s
95th percentile per-packet one-way delay: 84.639 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 138.40 Mbit/s
95th percentile per-packet one-way delay: 86.414 ms
Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link

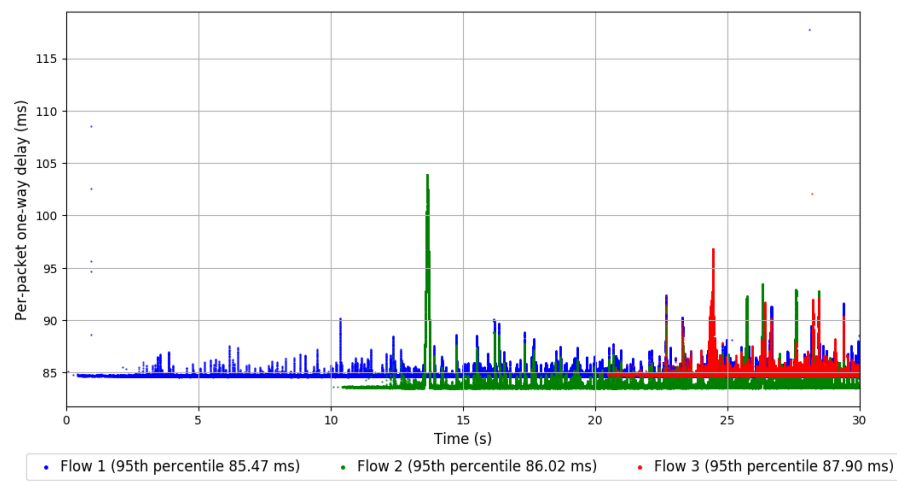
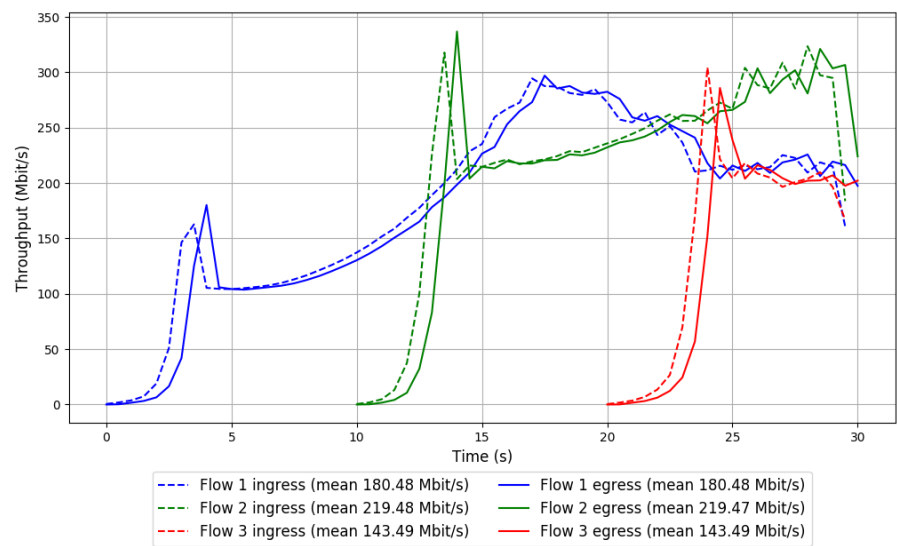


Run 2: Statistics of PCC-Vivace

Start at: 2020-02-18 03:47:14
End at: 2020-02-18 03:47:44
Local clock offset: 0.286 ms
Remote clock offset: -0.058 ms

Below is generated by plot.py at 2020-02-18 09:52:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 373.78 Mbit/s
95th percentile per-packet one-way delay: 85.840 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 180.48 Mbit/s
95th percentile per-packet one-way delay: 85.467 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 219.47 Mbit/s
95th percentile per-packet one-way delay: 86.022 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 143.49 Mbit/s
95th percentile per-packet one-way delay: 87.900 ms
Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2020-02-18 04:27:25

End at: 2020-02-18 04:27:55

Local clock offset: -0.14 ms

Remote clock offset: 0.017 ms

Below is generated by plot.py at 2020-02-18 09:52:46

Datalink statistics

-- Total of 3 flows:

Average throughput: 324.05 Mbit/s

95th percentile per-packet one-way delay: 85.536 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 205.18 Mbit/s

95th percentile per-packet one-way delay: 85.334 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 137.02 Mbit/s

95th percentile per-packet one-way delay: 86.243 ms

Loss rate: 0.00%

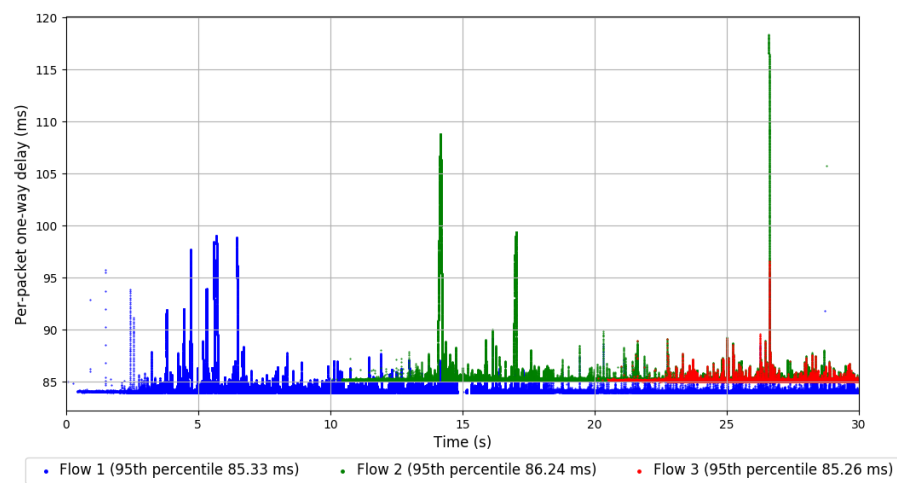
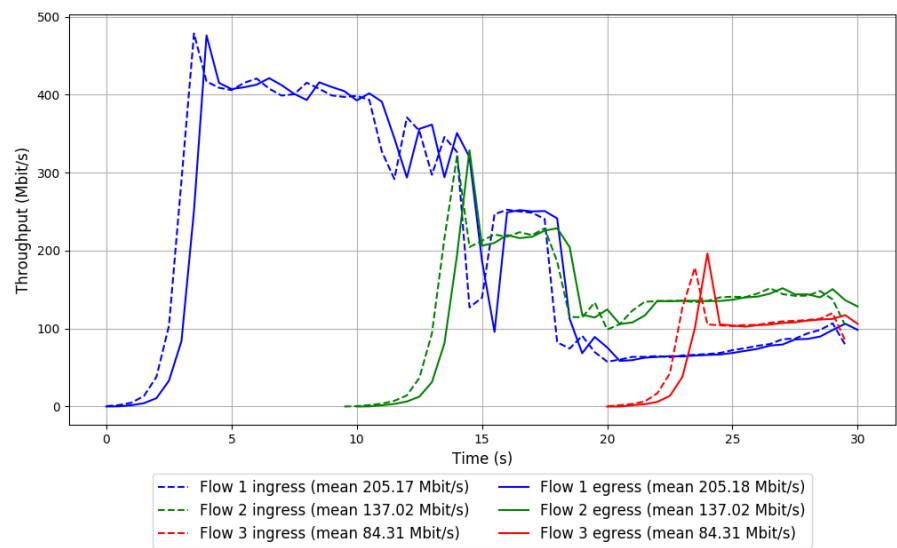
-- Flow 3:

Average throughput: 84.31 Mbit/s

95th percentile per-packet one-way delay: 85.259 ms

Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link

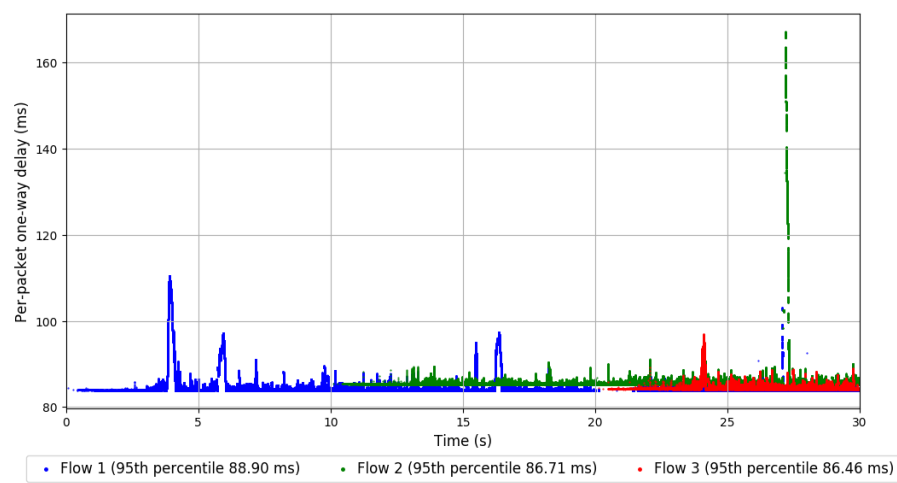
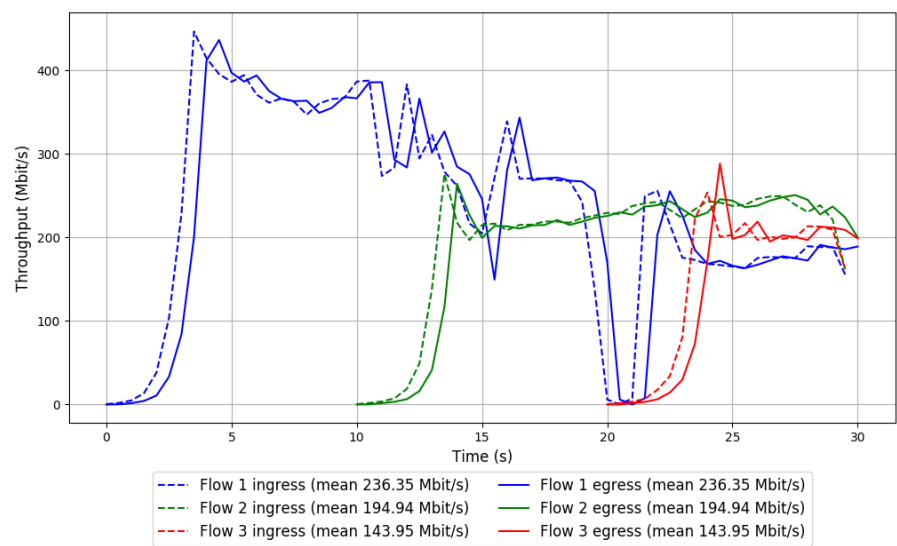


Run 4: Statistics of PCC-Vivace

Start at: 2020-02-18 05:07:49
End at: 2020-02-18 05:08:19
Local clock offset: -0.072 ms
Remote clock offset: -0.125 ms

Below is generated by plot.py at 2020-02-18 09:53:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 413.40 Mbit/s
95th percentile per-packet one-way delay: 87.253 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 236.35 Mbit/s
95th percentile per-packet one-way delay: 88.904 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 194.94 Mbit/s
95th percentile per-packet one-way delay: 86.710 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 143.95 Mbit/s
95th percentile per-packet one-way delay: 86.463 ms
Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link

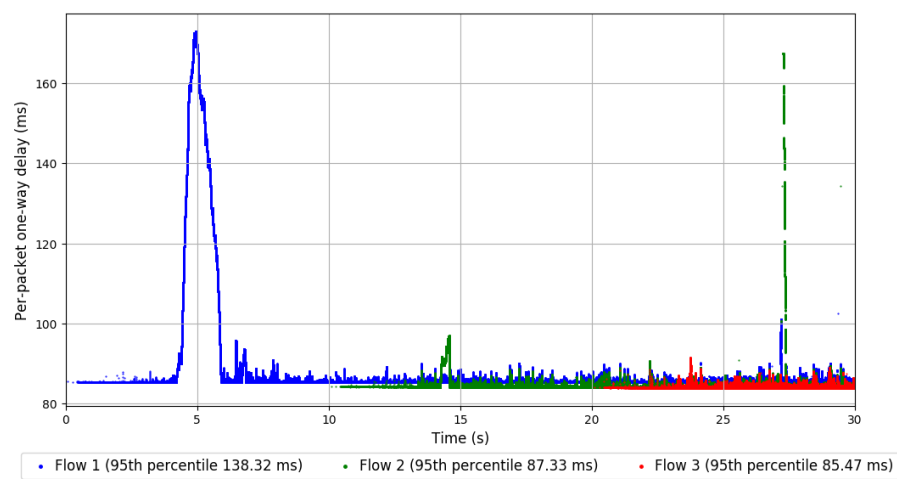
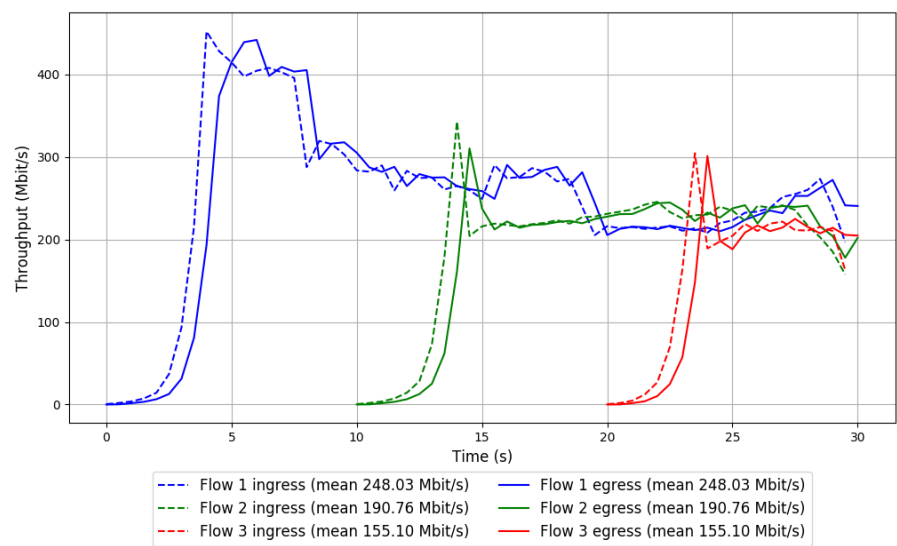


Run 5: Statistics of PCC-Vivace

Start at: 2020-02-18 05:48:29
End at: 2020-02-18 05:48:59
Local clock offset: -0.018 ms
Remote clock offset: -0.046 ms

Below is generated by plot.py at 2020-02-18 09:53:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 425.99 Mbit/s
95th percentile per-packet one-way delay: 100.810 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 248.03 Mbit/s
95th percentile per-packet one-way delay: 138.325 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 190.76 Mbit/s
95th percentile per-packet one-way delay: 87.326 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 155.10 Mbit/s
95th percentile per-packet one-way delay: 85.470 ms
Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link

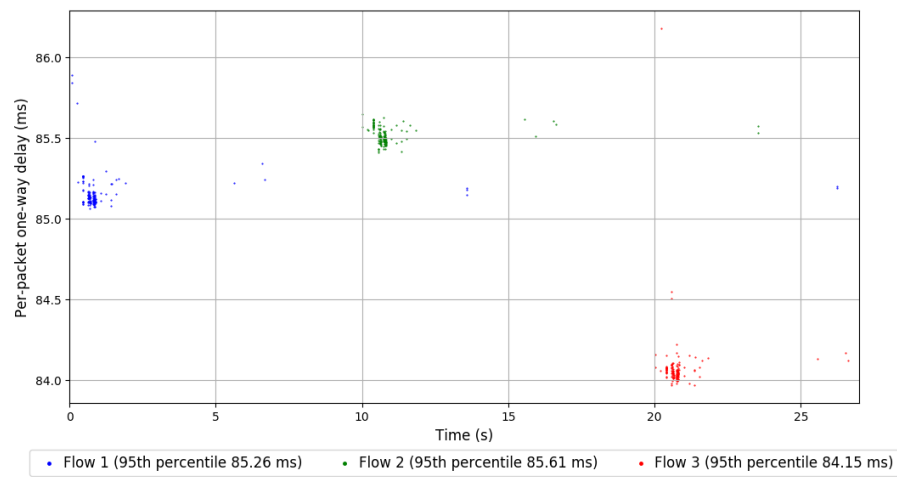
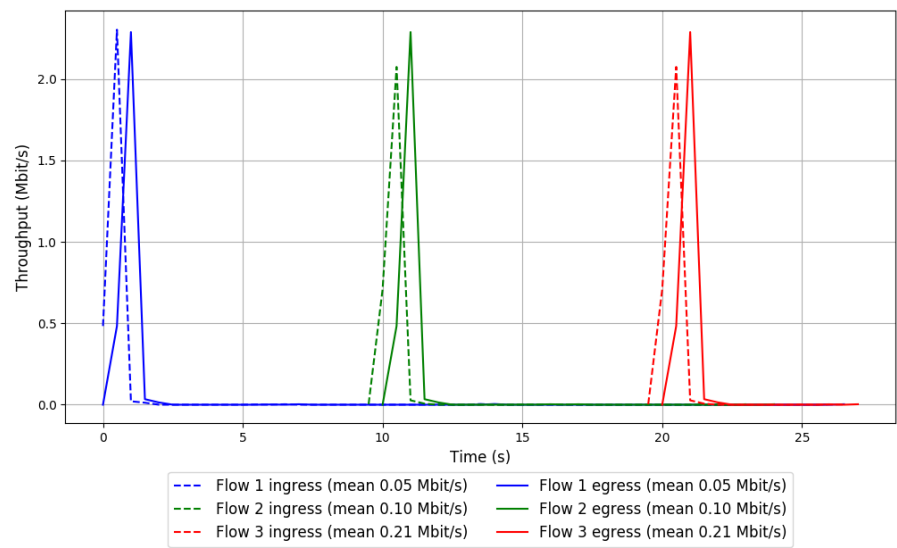


Run 1: Statistics of WebRTC media

Start at: 2020-02-18 03:34:03
End at: 2020-02-18 03:34:33
Local clock offset: -0.088 ms
Remote clock offset: -0.031 ms

Below is generated by plot.py at 2020-02-18 09:53:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 85.581 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 85.264 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.10 Mbit/s
95th percentile per-packet one-way delay: 85.609 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 84.154 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

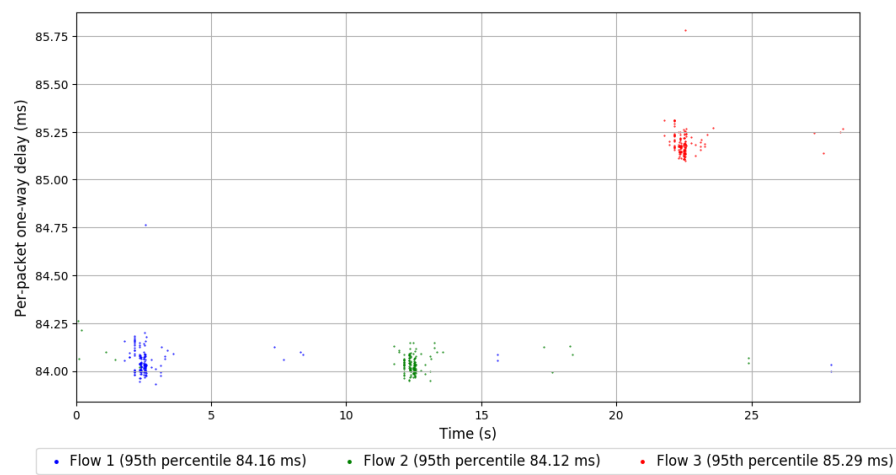
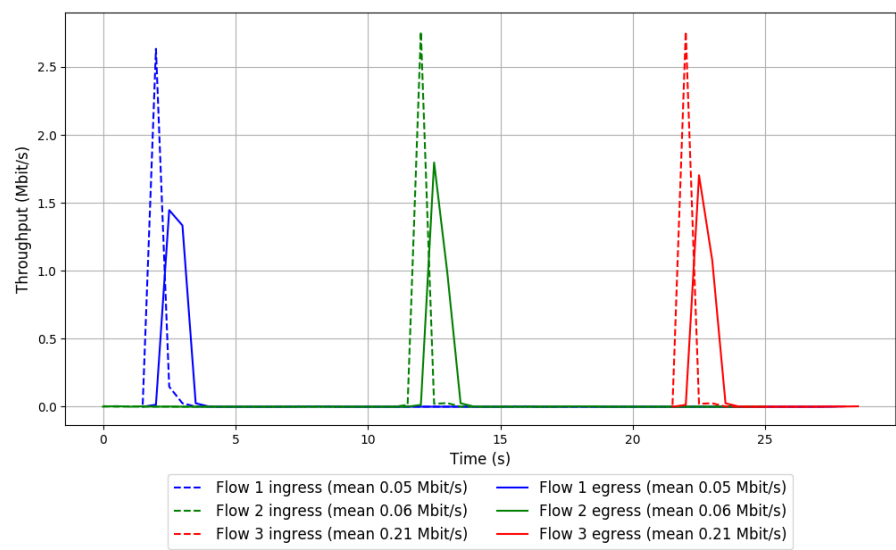


Run 2: Statistics of WebRTC media

Start at: 2020-02-18 04:14:24
End at: 2020-02-18 04:14:54
Local clock offset: -0.019 ms
Remote clock offset: -0.026 ms

Below is generated by plot.py at 2020-02-18 09:53:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 85.238 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 84.158 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 84.125 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 85.292 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

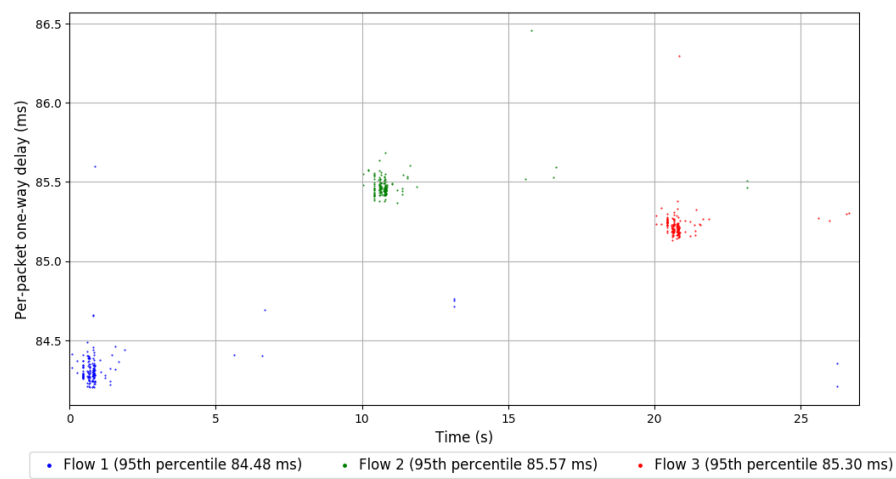
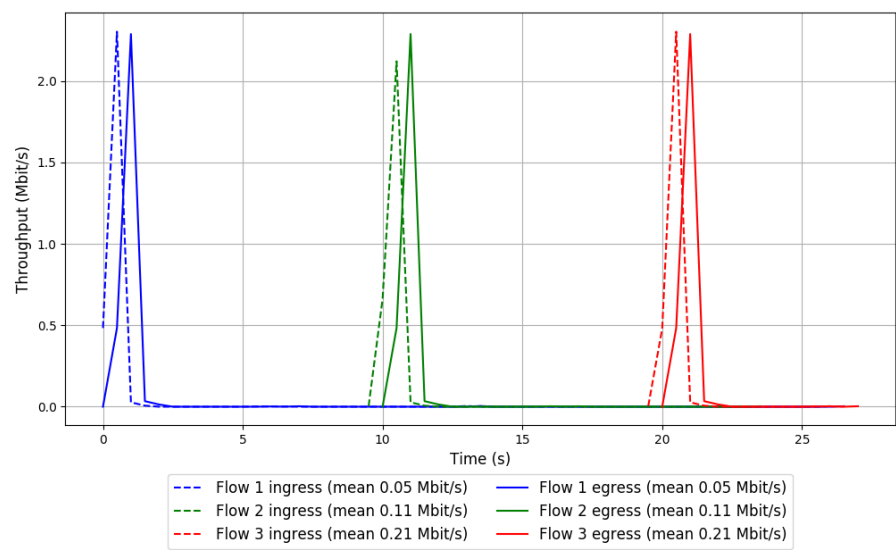


Run 3: Statistics of WebRTC media

Start at: 2020-02-18 04:54:43
End at: 2020-02-18 04:55:13
Local clock offset: -0.144 ms
Remote clock offset: -0.034 ms

Below is generated by plot.py at 2020-02-18 09:53:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 85.529 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 84.485 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 85.572 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 85.299 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

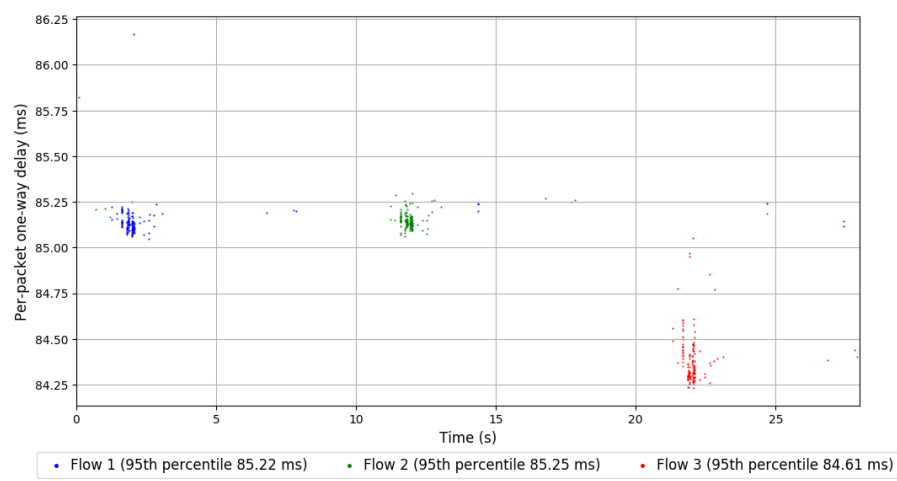
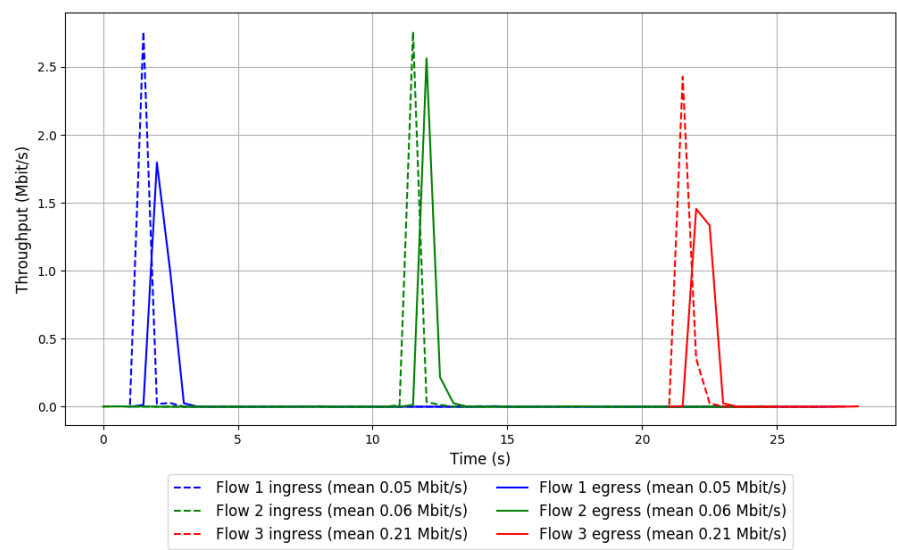


Run 4: Statistics of WebRTC media

Start at: 2020-02-18 05:35:16
End at: 2020-02-18 05:35:46
Local clock offset: -0.038 ms
Remote clock offset: -0.038 ms

```
# Below is generated by plot.py at 2020-02-18 09:53:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 85.227 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 85.216 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 85.255 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 84.606 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2020-02-18 06:15:34
End at: 2020-02-18 06:16:04
Local clock offset: -0.066 ms
Remote clock offset: -0.052 ms

Below is generated by plot.py at 2020-02-18 09:53:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 84.184 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 84.157 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 84.203 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 84.141 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

