

Pantheon Report

Generated at 2019-07-12 08:45:08 (UTC).

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

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:

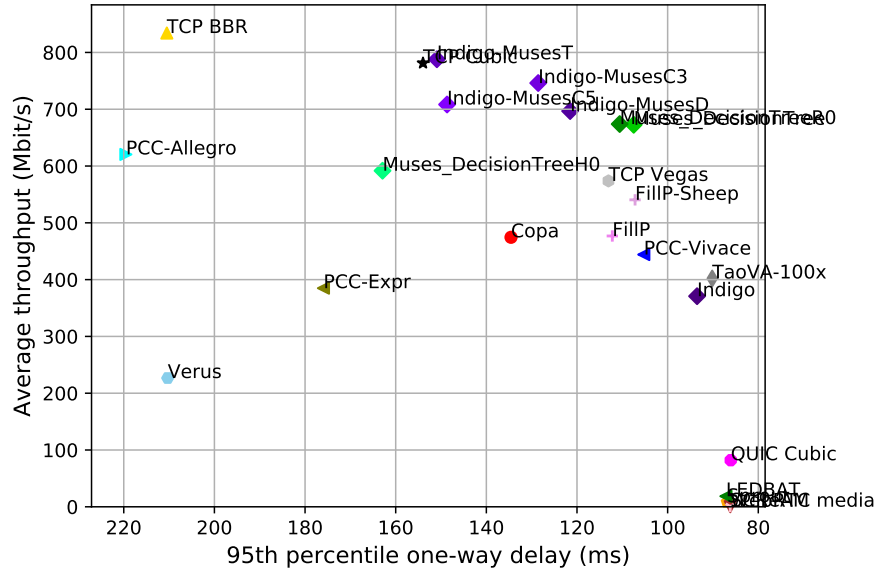
```
Linux 4.15.0-1034-gcp
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

Git summary:

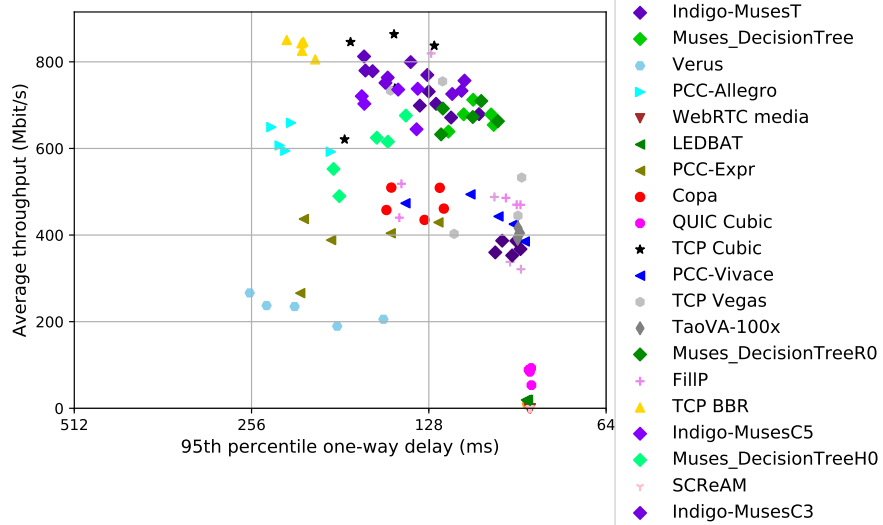
```
branch: muses @ 2076e1149a241f3edb4365d686df32342bf9561f
third_party/fillp @ d6da1459332fcee56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecd90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/muses @ 5ce721187ad823da20955337730c746486ca4966
third_party/muses_dtree @ 8bb93ffff2b107204a92d8b72449fc0c55e15f00
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 Iowa to GCE Sydney, 5 runs of 30s each per scheme
3 flows with 10s interval between flows (mean of all runs by scheme)



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



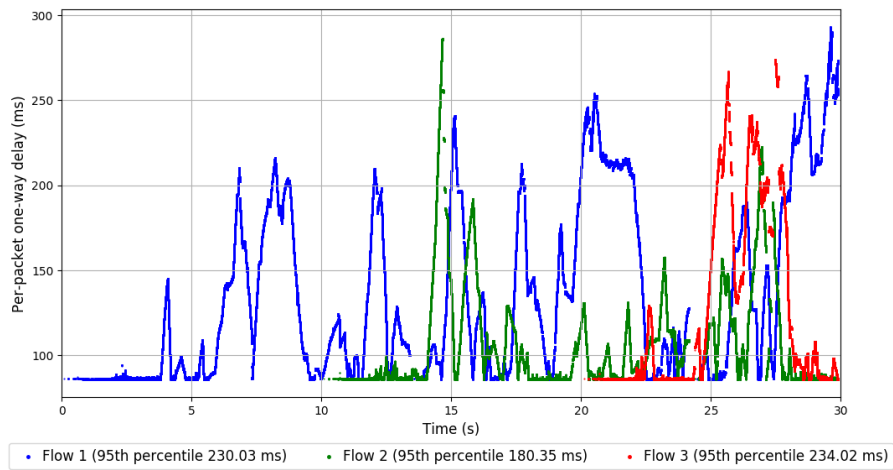
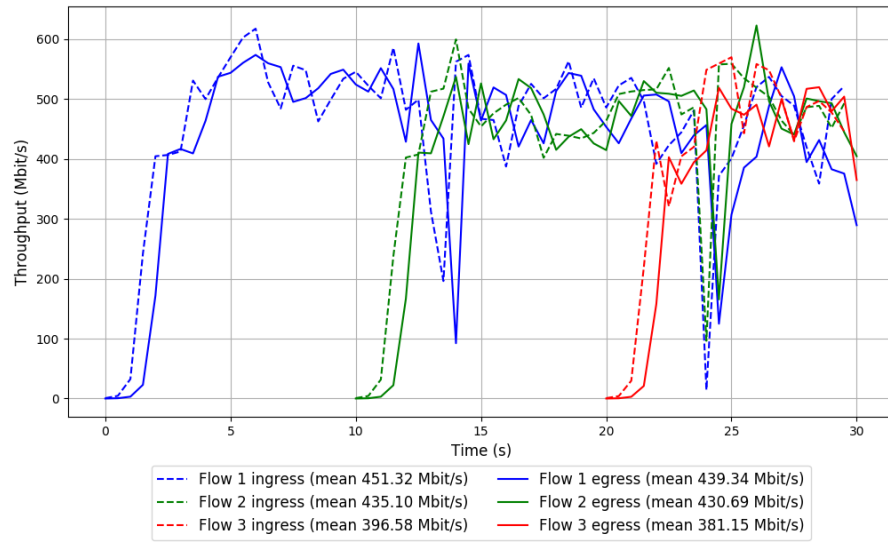
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	5	447.34	404.00	360.95	204.04	204.66	199.07	1.79	2.10	4.87
Copa	5	262.74	231.74	177.17	124.78	168.10	114.64	0.71	1.07	2.52
TCP Cubic	5	427.61	397.93	271.88	155.59	126.90	124.96	0.55	0.88	2.86
FillP	5	172.79	337.53	244.67	116.66	89.81	90.00	1.81	0.81	1.98
FillP-Sheep	5	260.18	305.21	237.41	111.66	90.54	89.62	0.33	0.78	2.10
Indigo	5	197.08	182.94	159.33	93.65	95.56	93.64	0.56	0.88	2.10
Indigo-MusesC3	5	442.32	370.50	271.77	136.07	112.30	93.45	0.54	0.85	3.58
Indigo-MusesC5	5	432.53	370.12	152.40	151.53	139.96	88.37	0.57	0.95	3.62
Indigo-MusesD	5	408.75	359.62	227.33	120.87	123.58	94.67	0.56	0.80	2.96
Indigo-MusesT	5	478.12	402.80	205.18	158.94	118.92	91.55	0.67	0.95	3.05
LEDBAT	5	11.80	8.30	4.03	87.22	87.17	86.73	1.00	1.74	3.52
Muses_DecisionTree	5	404.46	323.32	179.04	112.10	98.77	88.04	0.54	0.92	3.09
Muses_DecisionTreeH0	5	342.53	294.71	173.64	167.50	152.70	118.78	1.69	1.85	4.22
Muses_DecisionTreeR0	5	400.13	318.43	204.05	110.64	130.03	95.94	0.36	1.65	3.06
PCC-Allegro	5	345.36	301.21	238.07	203.34	183.26	190.46	4.08	3.81	3.09
PCC-Expr	5	194.94	204.50	166.97	159.46	141.01	163.07	1.86	2.24	2.45
QUIC Cubic	5	41.30	44.58	32.91	86.02	86.04	85.87	0.95	1.29	1.54
SCReAM	5	0.22	0.22	0.22	86.16	86.11	86.10	0.51	0.91	1.63
Sprout	5	4.29	4.24	3.29	86.80	86.98	86.80	0.64	0.92	2.33
TaoVA-100x	5	211.84	195.44	185.32	89.16	91.70	91.06	0.66	0.80	2.04
TCP Vegas	5	286.14	275.60	318.41	99.76	104.57	127.41	0.61	0.91	1.92
Verus	5	127.12	125.73	50.12	190.30	213.70	114.09	2.51	1.93	3.33
PCC-Vivace	5	260.41	216.60	129.63	101.65	107.41	105.17	0.64	0.92	2.39
WebRTC media	5	0.05	0.05	0.05	86.22	86.07	86.11	0.00	0.00	0.00

Run 1: Statistics of TCP BBR

Start at: 2019-07-12 02:19:28
End at: 2019-07-12 02:19:58
Local clock offset: -0.015 ms
Remote clock offset: -0.003 ms

Below is generated by plot.py at 2019-07-12 06:20:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 850.43 Mbit/s
95th percentile per-packet one-way delay: 223.123 ms
Loss rate: 3.12%
-- Flow 1:
Average throughput: 439.34 Mbit/s
95th percentile per-packet one-way delay: 230.034 ms
Loss rate: 3.21%
-- Flow 2:
Average throughput: 430.69 Mbit/s
95th percentile per-packet one-way delay: 180.353 ms
Loss rate: 1.87%
-- Flow 3:
Average throughput: 381.15 Mbit/s
95th percentile per-packet one-way delay: 234.022 ms
Loss rate: 5.55%

Run 1: Report of TCP BBR — Data Link

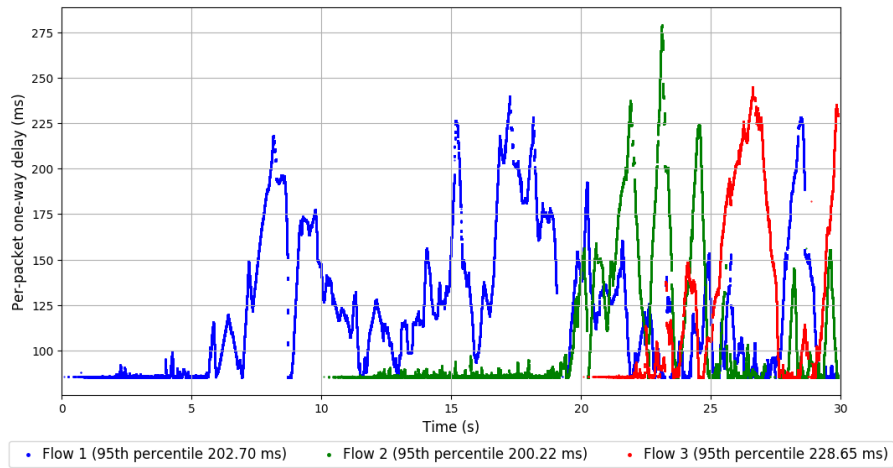
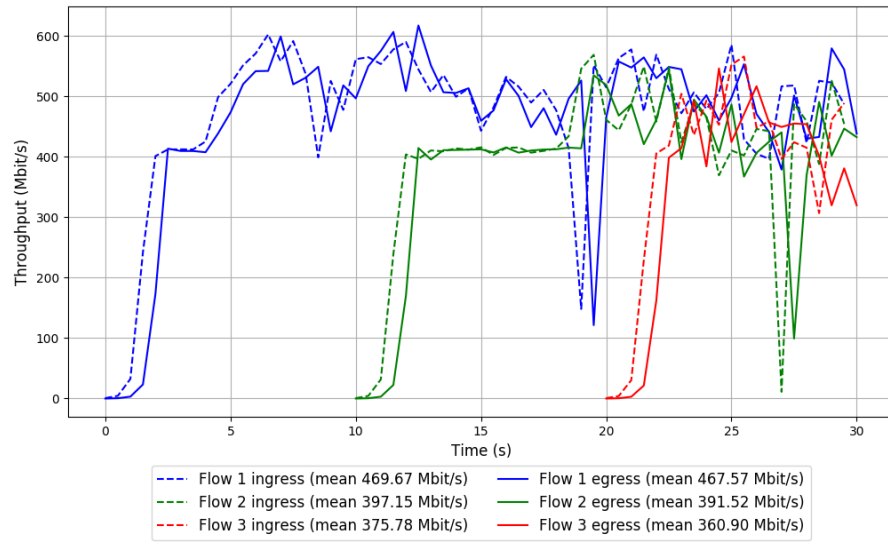


Run 2: Statistics of TCP BBR

Start at: 2019-07-12 03:01:31
End at: 2019-07-12 03:02:01
Local clock offset: -0.462 ms
Remote clock offset: -0.002 ms

Below is generated by plot.py at 2019-07-12 06:20:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 846.18 Mbit/s
95th percentile per-packet one-way delay: 209.087 ms
Loss rate: 2.07%
-- Flow 1:
Average throughput: 467.57 Mbit/s
95th percentile per-packet one-way delay: 202.698 ms
Loss rate: 1.02%
-- Flow 2:
Average throughput: 391.52 Mbit/s
95th percentile per-packet one-way delay: 200.221 ms
Loss rate: 2.27%
-- Flow 3:
Average throughput: 360.90 Mbit/s
95th percentile per-packet one-way delay: 228.651 ms
Loss rate: 5.62%

Run 2: Report of TCP BBR — Data Link

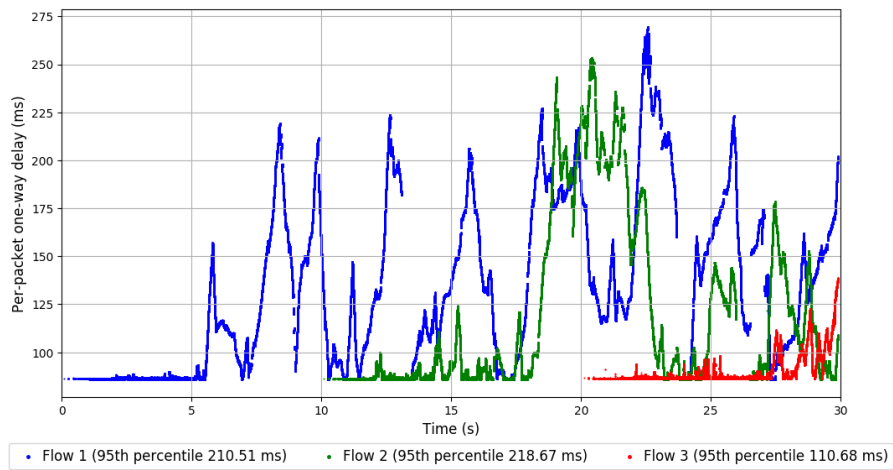
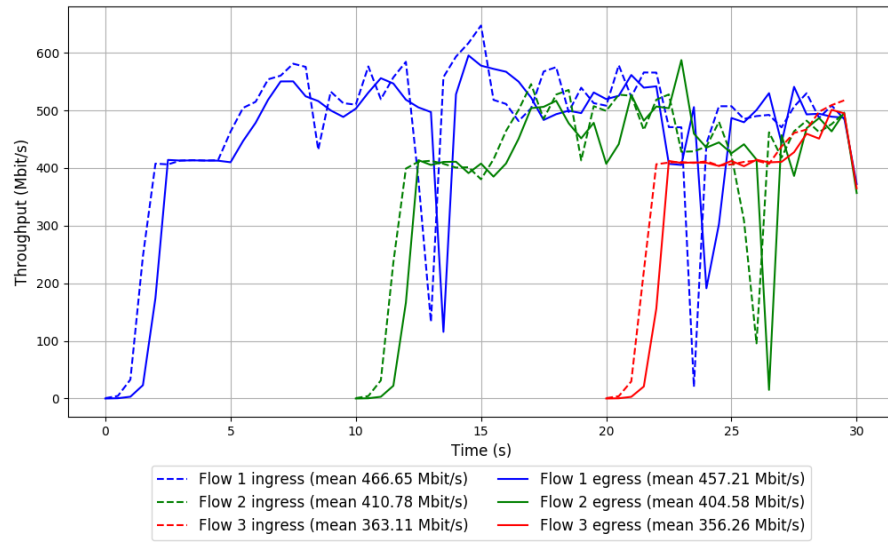


Run 3: Statistics of TCP BBR

Start at: 2019-07-12 03:43:17
End at: 2019-07-12 03:43:47
Local clock offset: 0.085 ms
Remote clock offset: -0.007 ms

Below is generated by plot.py at 2019-07-12 06:20:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 842.87 Mbit/s
95th percentile per-packet one-way delay: 210.575 ms
Loss rate: 2.66%
-- Flow 1:
Average throughput: 457.21 Mbit/s
95th percentile per-packet one-way delay: 210.507 ms
Loss rate: 2.59%
-- Flow 2:
Average throughput: 404.58 Mbit/s
95th percentile per-packet one-way delay: 218.673 ms
Loss rate: 2.36%
-- Flow 3:
Average throughput: 356.26 Mbit/s
95th percentile per-packet one-way delay: 110.682 ms
Loss rate: 3.59%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2019-07-12 04:25:06

End at: 2019-07-12 04:25:36

Local clock offset: 0.101 ms

Remote clock offset: 0.048 ms

Below is generated by plot.py at 2019-07-12 06:20:58

Datalink statistics

-- Total of 3 flows:

Average throughput: 825.72 Mbit/s

95th percentile per-packet one-way delay: 210.154 ms

Loss rate: 2.43%

-- Flow 1:

Average throughput: 444.80 Mbit/s

95th percentile per-packet one-way delay: 168.632 ms

Loss rate: 0.78%

-- Flow 2:

Average throughput: 400.23 Mbit/s

95th percentile per-packet one-way delay: 231.140 ms

Loss rate: 3.20%

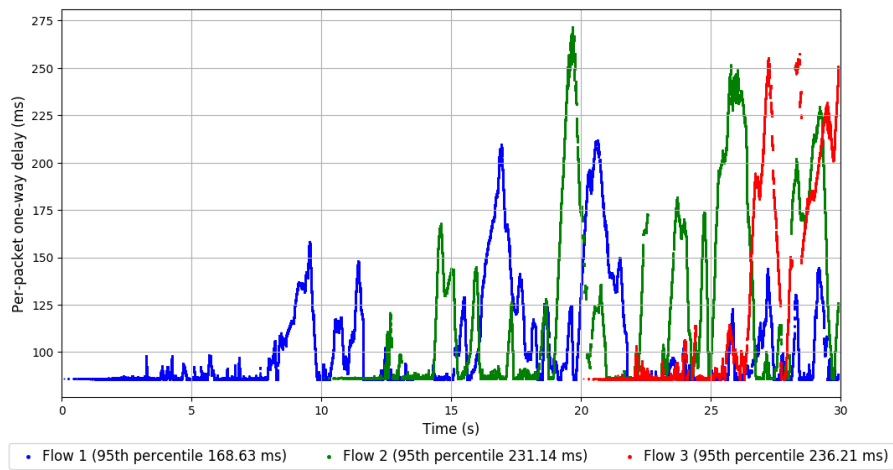
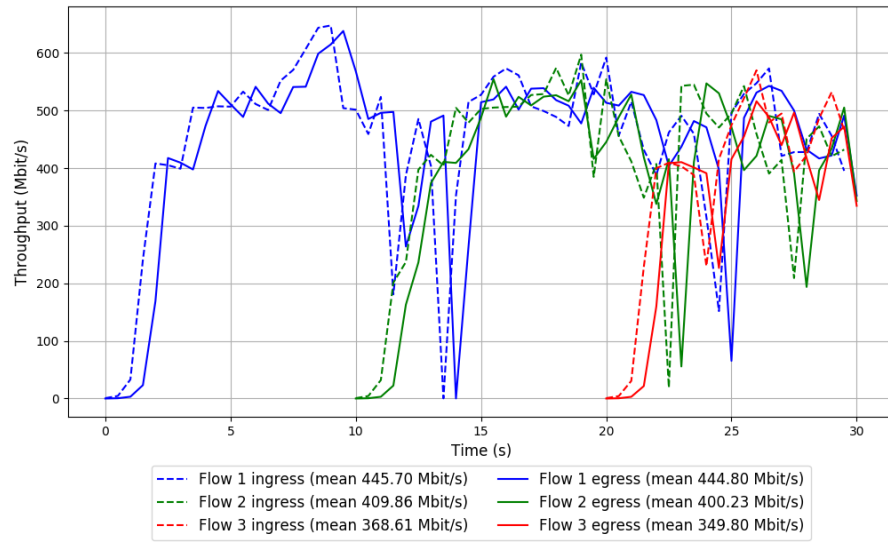
-- Flow 3:

Average throughput: 349.80 Mbit/s

95th percentile per-packet one-way delay: 236.210 ms

Loss rate: 6.74%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2019-07-12 05:06:50

End at: 2019-07-12 05:07:20

Local clock offset: -0.193 ms

Remote clock offset: 0.03 ms

Below is generated by plot.py at 2019-07-12 06:20:58

Datalink statistics

-- Total of 3 flows:

Average throughput: 805.68 Mbit/s

95th percentile per-packet one-way delay: 199.555 ms

Loss rate: 1.39%

-- Flow 1:

Average throughput: 427.77 Mbit/s

95th percentile per-packet one-way delay: 208.353 ms

Loss rate: 1.33%

-- Flow 2:

Average throughput: 392.96 Mbit/s

95th percentile per-packet one-way delay: 192.931 ms

Loss rate: 0.82%

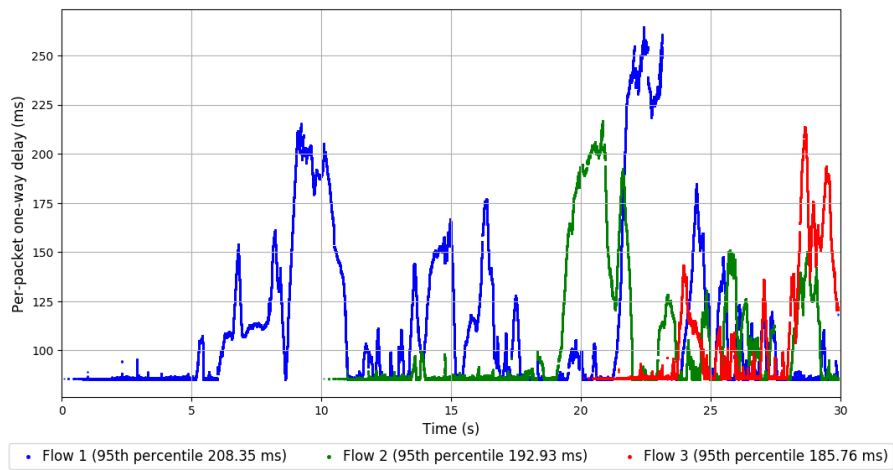
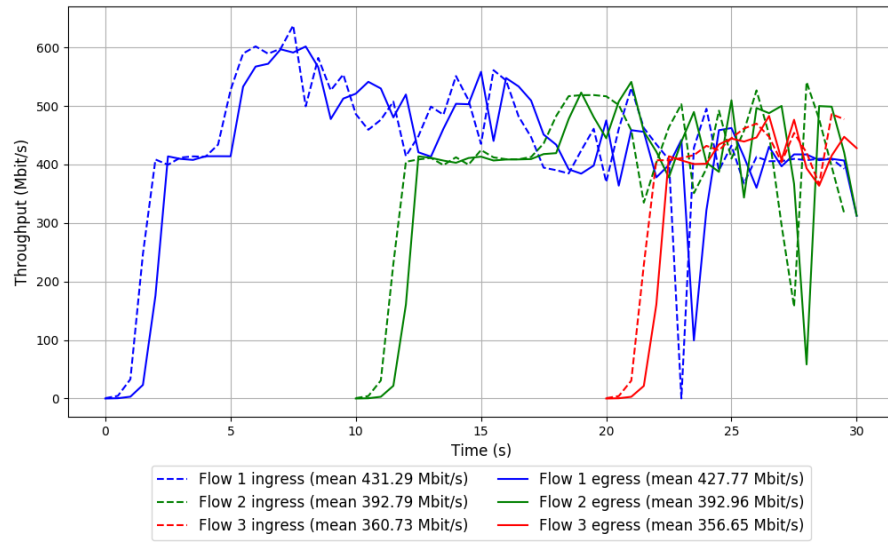
-- Flow 3:

Average throughput: 356.65 Mbit/s

95th percentile per-packet one-way delay: 185.761 ms

Loss rate: 2.85%

Run 5: Report of TCP BBR — Data Link

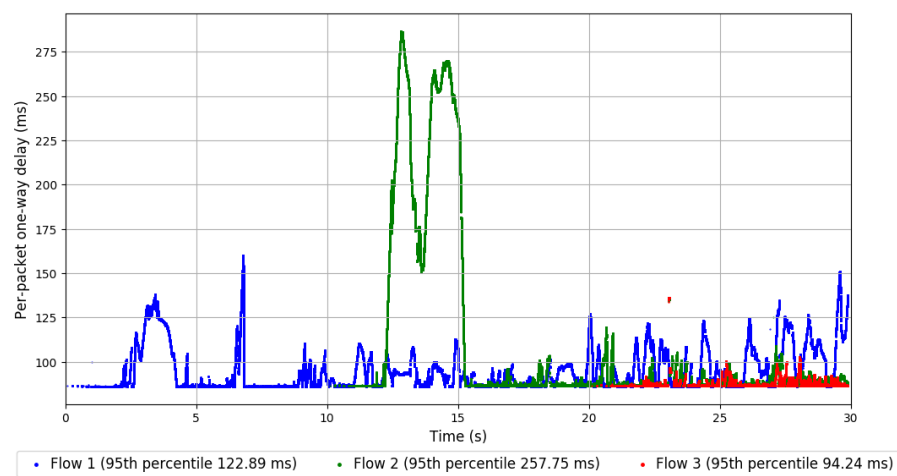
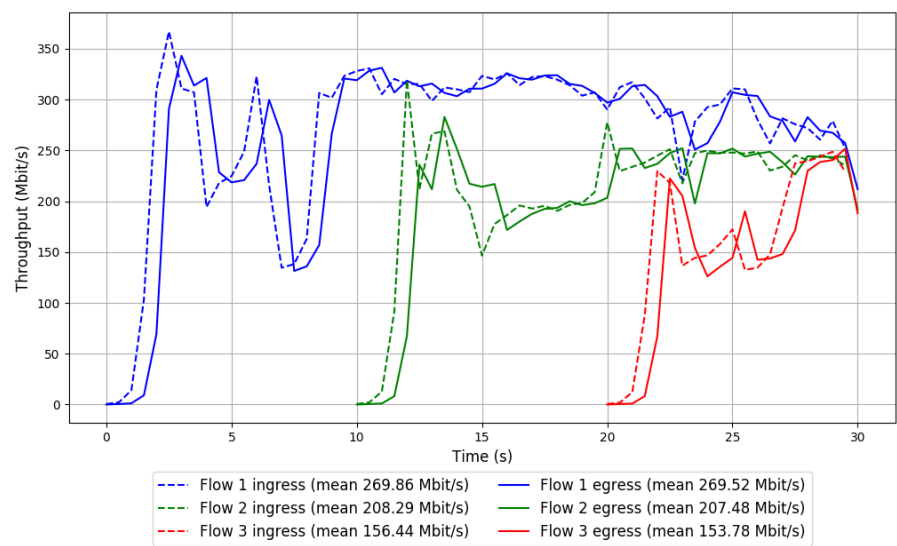


Run 1: Statistics of Copa

Start at: 2019-07-12 02:43:33
End at: 2019-07-12 02:44:03
Local clock offset: 0.178 ms
Remote clock offset: -0.013 ms

Below is generated by plot.py at 2019-07-12 06:21:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 457.81 Mbit/s
95th percentile per-packet one-way delay: 151.073 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 269.52 Mbit/s
95th percentile per-packet one-way delay: 122.887 ms
Loss rate: 0.70%
-- Flow 2:
Average throughput: 207.48 Mbit/s
95th percentile per-packet one-way delay: 257.749 ms
Loss rate: 1.25%
-- Flow 3:
Average throughput: 153.78 Mbit/s
95th percentile per-packet one-way delay: 94.241 ms
Loss rate: 3.40%

Run 1: Report of Copa — Data Link

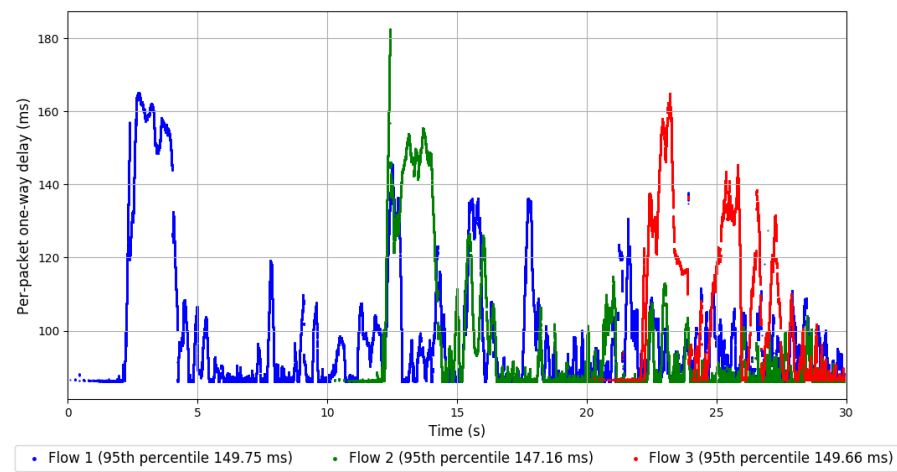
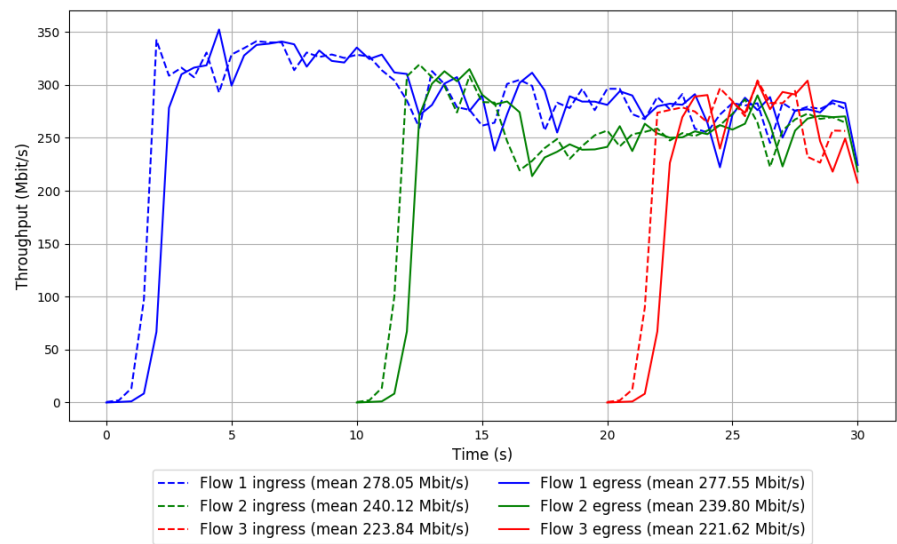


Run 2: Statistics of Copa

Start at: 2019-07-12 03:25:32
End at: 2019-07-12 03:26:02
Local clock offset: 0.235 ms
Remote clock offset: -0.025 ms

Below is generated by plot.py at 2019-07-12 06:22:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 509.63 Mbit/s
95th percentile per-packet one-way delay: 148.223 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 277.55 Mbit/s
95th percentile per-packet one-way delay: 149.747 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 239.80 Mbit/s
95th percentile per-packet one-way delay: 147.160 ms
Loss rate: 1.00%
-- Flow 3:
Average throughput: 221.62 Mbit/s
95th percentile per-packet one-way delay: 149.659 ms
Loss rate: 2.71%

Run 2: Report of Copa — Data Link

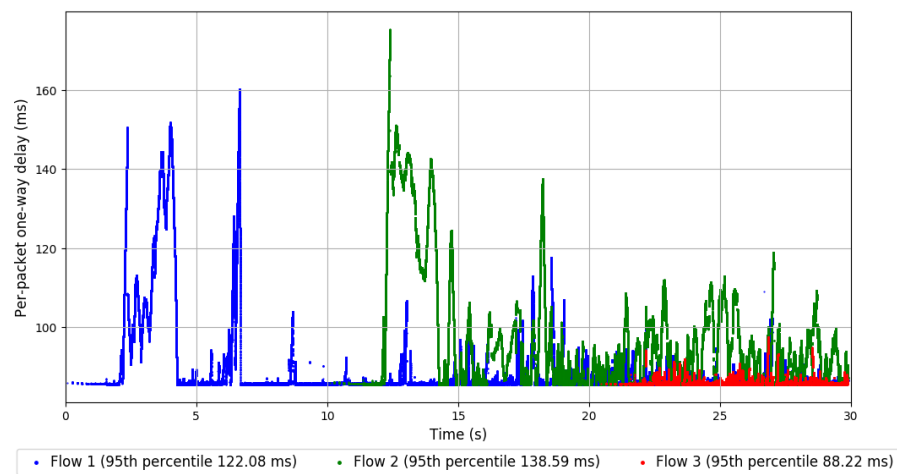
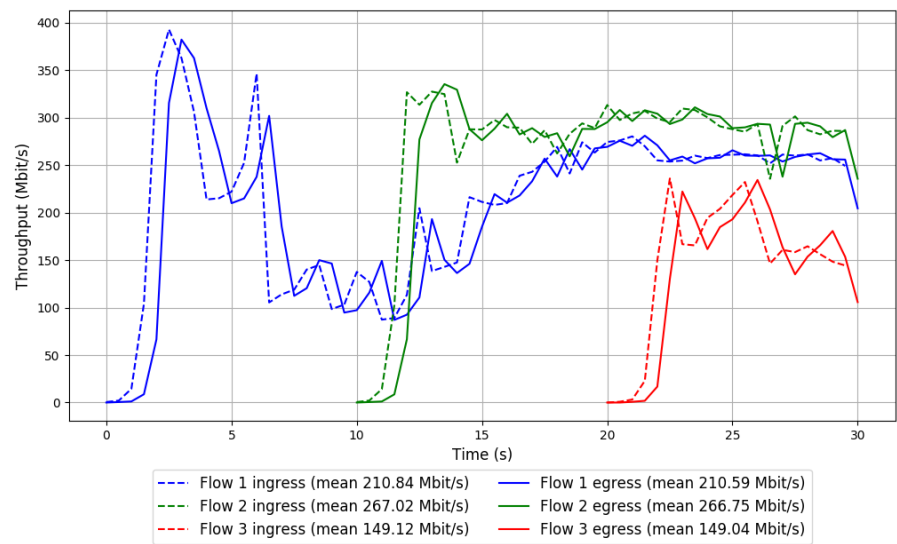


Run 3: Statistics of Copa

Start at: 2019-07-12 04:07:18
End at: 2019-07-12 04:07:48
Local clock offset: -0.272 ms
Remote clock offset: -0.016 ms

Below is generated by plot.py at 2019-07-12 06:22:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 434.97 Mbit/s
95th percentile per-packet one-way delay: 130.160 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 210.59 Mbit/s
95th percentile per-packet one-way delay: 122.084 ms
Loss rate: 0.70%
-- Flow 2:
Average throughput: 266.75 Mbit/s
95th percentile per-packet one-way delay: 138.592 ms
Loss rate: 0.96%
-- Flow 3:
Average throughput: 149.04 Mbit/s
95th percentile per-packet one-way delay: 88.219 ms
Loss rate: 1.84%

Run 3: Report of Copa — Data Link

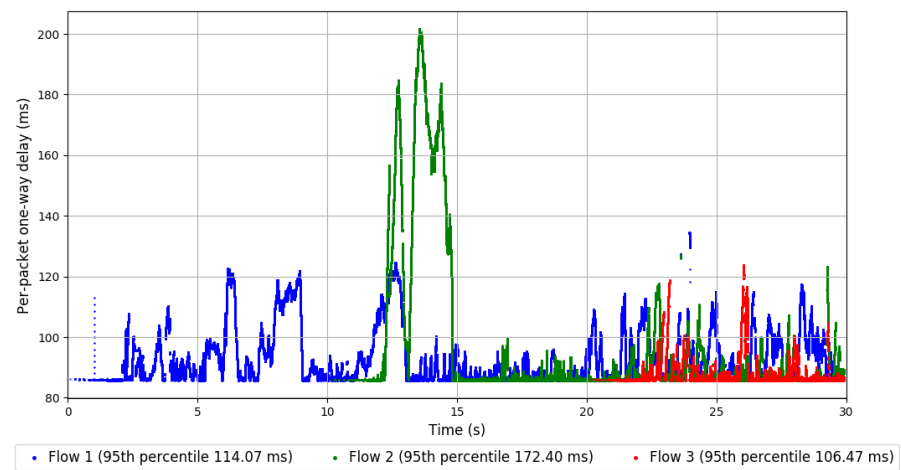
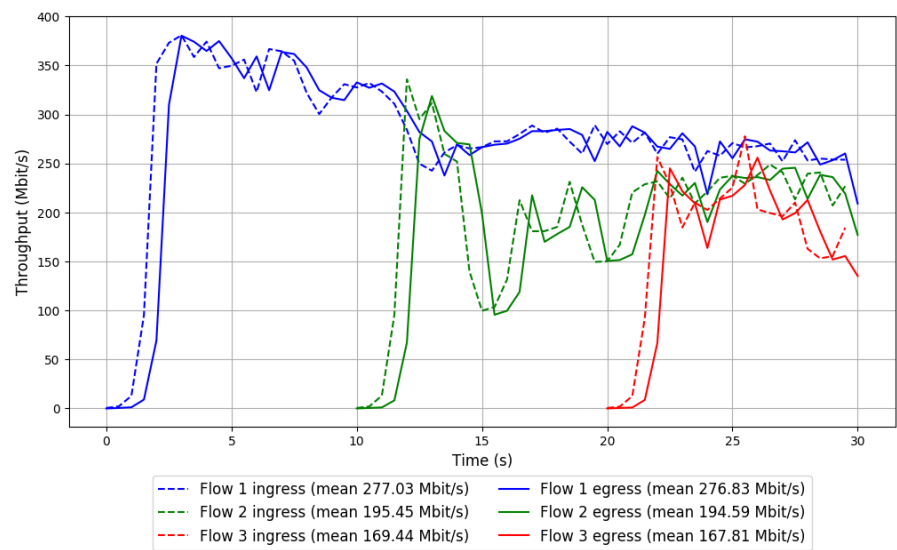


Run 4: Statistics of Copa

Start at: 2019-07-12 04:49:03
End at: 2019-07-12 04:49:33
Local clock offset: 0.147 ms
Remote clock offset: -0.001 ms

Below is generated by plot.py at 2019-07-12 06:35:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 461.08 Mbit/s
95th percentile per-packet one-way delay: 120.704 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 276.83 Mbit/s
95th percentile per-packet one-way delay: 114.073 ms
Loss rate: 0.67%
-- Flow 2:
Average throughput: 194.59 Mbit/s
95th percentile per-packet one-way delay: 172.404 ms
Loss rate: 1.30%
-- Flow 3:
Average throughput: 167.81 Mbit/s
95th percentile per-packet one-way delay: 106.465 ms
Loss rate: 2.68%

Run 4: Report of Copa — Data Link

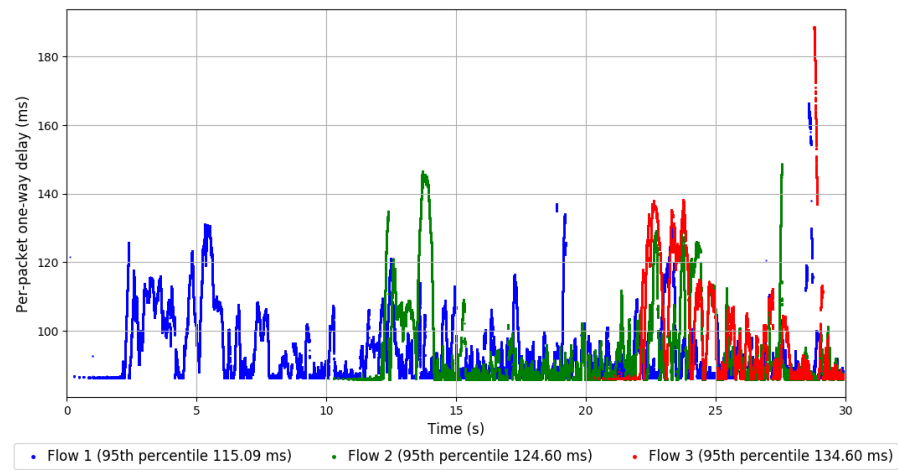
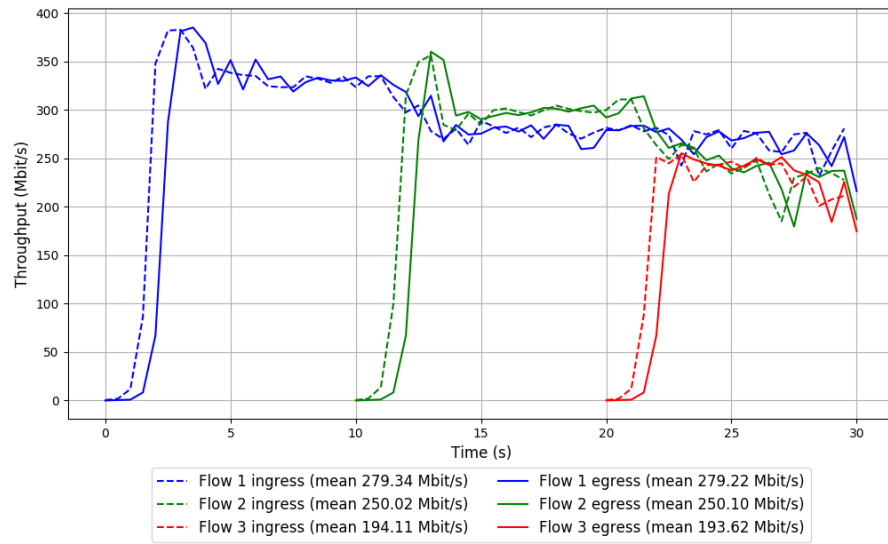


Run 5: Statistics of Copa

Start at: 2019-07-12 05:30:37
End at: 2019-07-12 05:31:07
Local clock offset: 0.142 ms
Remote clock offset: -0.032 ms

Below is generated by plot.py at 2019-07-12 06:37:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 509.13 Mbit/s
95th percentile per-packet one-way delay: 122.637 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 279.22 Mbit/s
95th percentile per-packet one-way delay: 115.090 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 250.10 Mbit/s
95th percentile per-packet one-way delay: 124.598 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 193.62 Mbit/s
95th percentile per-packet one-way delay: 134.597 ms
Loss rate: 1.97%

Run 5: Report of Copa — Data Link

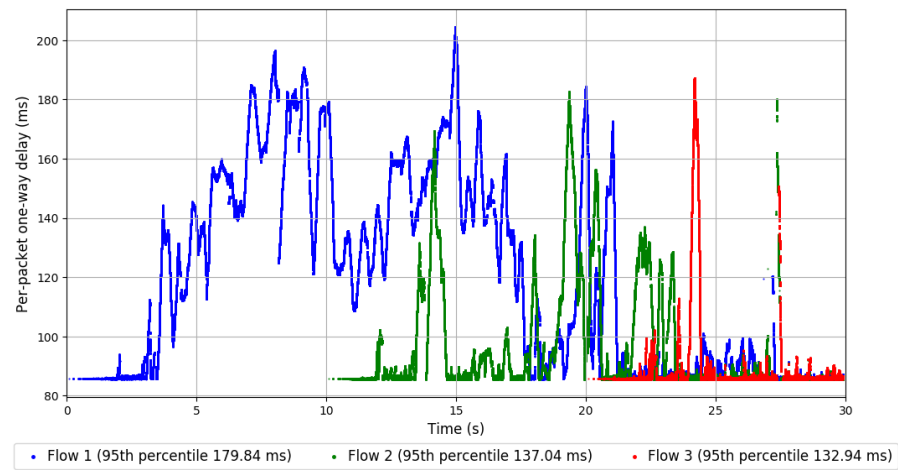
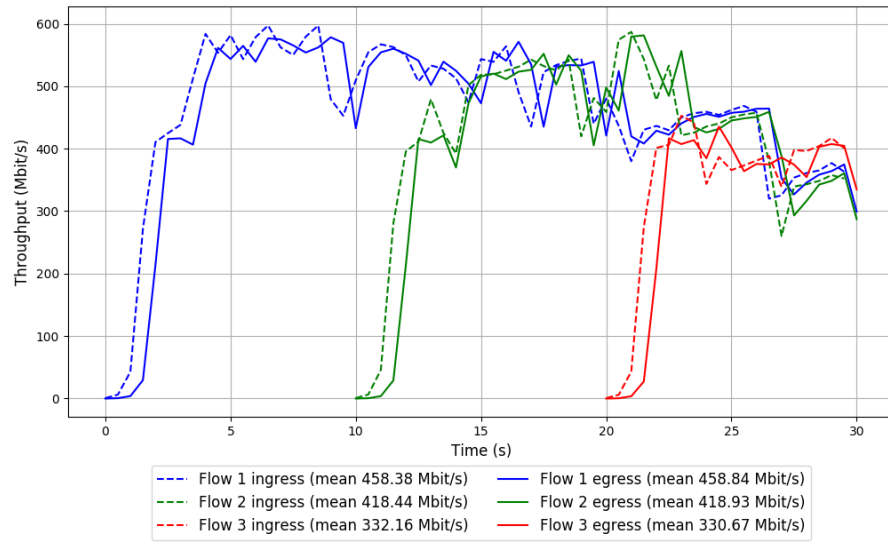


Run 1: Statistics of TCP Cubic

Start at: 2019-07-12 02:49:18
End at: 2019-07-12 02:49:48
Local clock offset: -0.274 ms
Remote clock offset: -0.005 ms

Below is generated by plot.py at 2019-07-12 06:37:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 845.77 Mbit/s
95th percentile per-packet one-way delay: 173.845 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 458.84 Mbit/s
95th percentile per-packet one-way delay: 179.835 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 418.93 Mbit/s
95th percentile per-packet one-way delay: 137.038 ms
Loss rate: 0.74%
-- Flow 3:
Average throughput: 330.67 Mbit/s
95th percentile per-packet one-way delay: 132.940 ms
Loss rate: 2.16%

Run 1: Report of TCP Cubic — Data Link

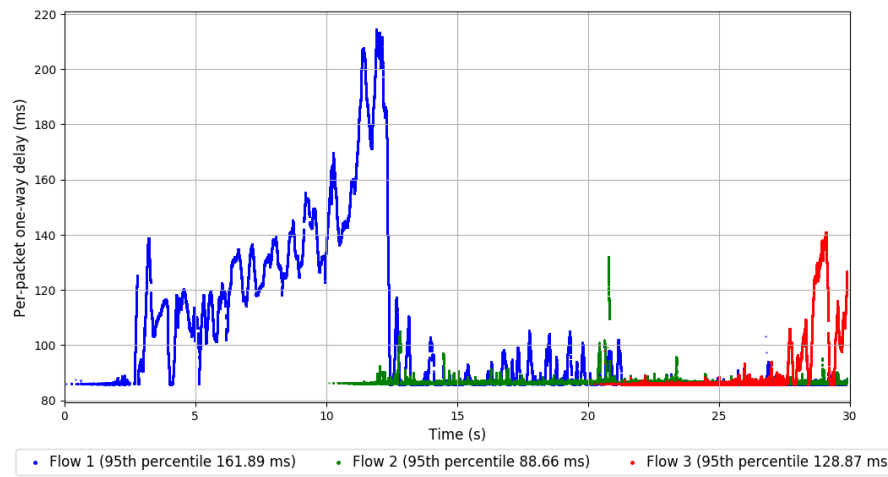
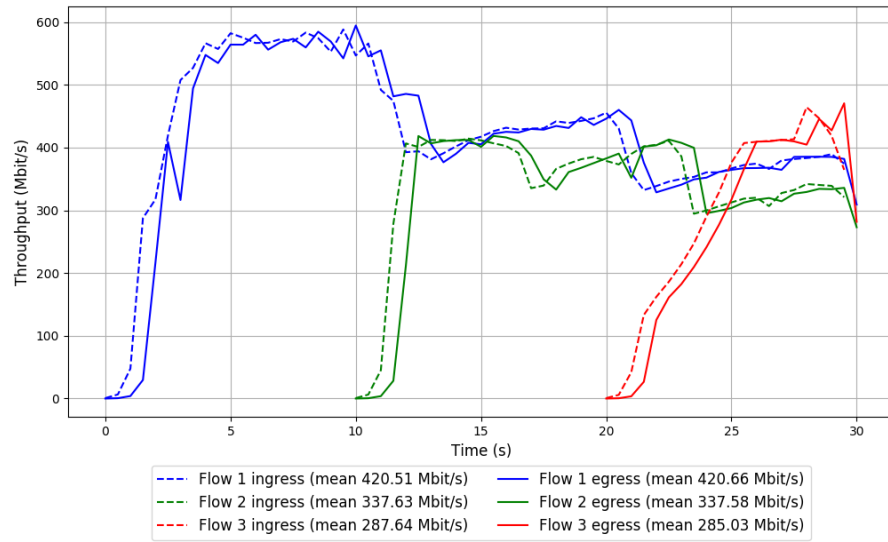


Run 2: Statistics of TCP Cubic

Start at: 2019-07-12 03:31:21
End at: 2019-07-12 03:31:51
Local clock offset: -0.179 ms
Remote clock offset: -0.029 ms

Below is generated by plot.py at 2019-07-12 06:37:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 738.49 Mbit/s
95th percentile per-packet one-way delay: 146.182 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 420.66 Mbit/s
95th percentile per-packet one-way delay: 161.886 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 337.58 Mbit/s
95th percentile per-packet one-way delay: 88.659 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 285.03 Mbit/s
95th percentile per-packet one-way delay: 128.873 ms
Loss rate: 2.62%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2019-07-12 04:12:56

End at: 2019-07-12 04:13:26

Local clock offset: -0.061 ms

Remote clock offset: 0.009 ms

Below is generated by plot.py at 2019-07-12 06:37:31

Datalink statistics

-- Total of 3 flows:

Average throughput: 863.78 Mbit/s

95th percentile per-packet one-way delay: 146.645 ms

Loss rate: 1.07%

-- Flow 1:

Average throughput: 450.67 Mbit/s

95th percentile per-packet one-way delay: 144.466 ms

Loss rate: 0.67%

-- Flow 2:

Average throughput: 425.36 Mbit/s

95th percentile per-packet one-way delay: 188.257 ms

Loss rate: 1.02%

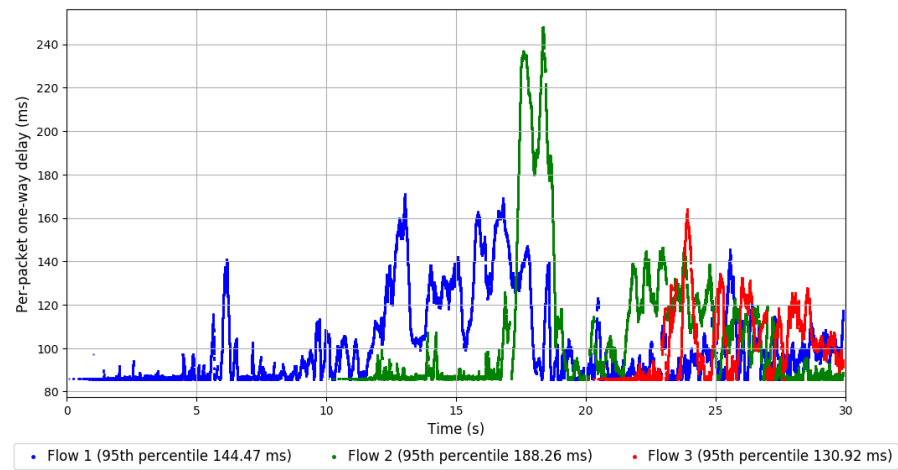
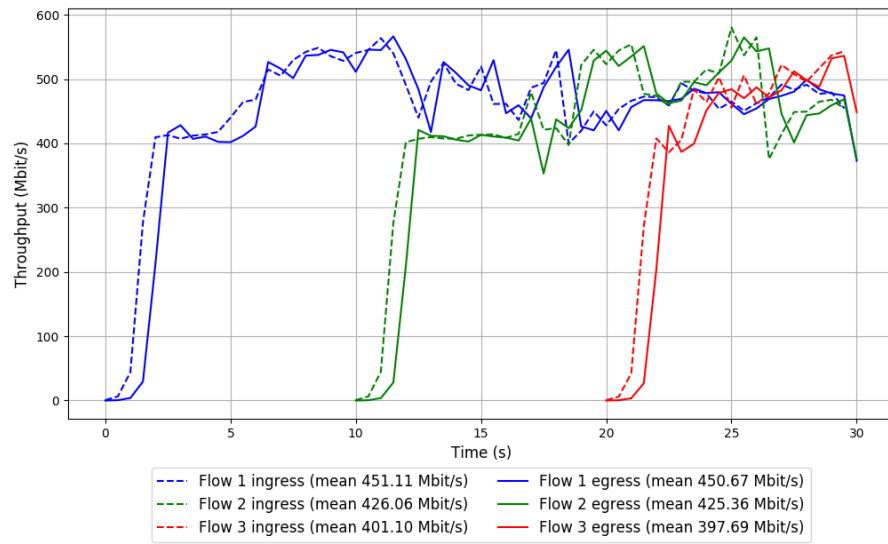
-- Flow 3:

Average throughput: 397.69 Mbit/s

95th percentile per-packet one-way delay: 130.917 ms

Loss rate: 2.56%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2019-07-12 04:54:42

End at: 2019-07-12 04:55:12

Local clock offset: -0.176 ms

Remote clock offset: 0.006 ms

Below is generated by plot.py at 2019-07-12 06:37:31

Datalink statistics

-- Total of 3 flows:

Average throughput: 620.84 Mbit/s

95th percentile per-packet one-way delay: 177.917 ms

Loss rate: 0.71%

-- Flow 1:

Average throughput: 376.09 Mbit/s

95th percentile per-packet one-way delay: 184.419 ms

Loss rate: 0.61%

-- Flow 2:

Average throughput: 367.09 Mbit/s

95th percentile per-packet one-way delay: 91.012 ms

Loss rate: 0.86%

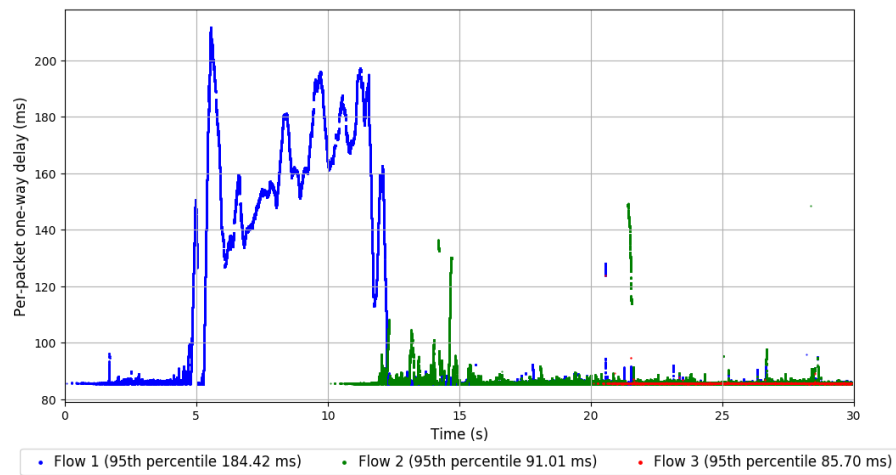
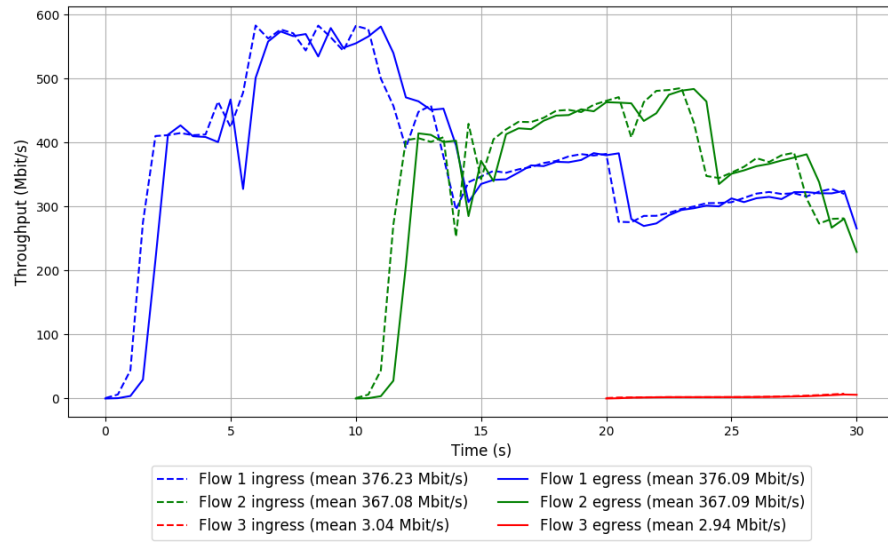
-- Flow 3:

Average throughput: 2.94 Mbit/s

95th percentile per-packet one-way delay: 85.705 ms

Loss rate: 4.86%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2019-07-12 05:36:21

End at: 2019-07-12 05:36:51

Local clock offset: -0.484 ms

Remote clock offset: -0.05 ms

Below is generated by plot.py at 2019-07-12 06:37:31

Datalink statistics

-- Total of 3 flows:

Average throughput: 837.34 Mbit/s

95th percentile per-packet one-way delay: 125.283 ms

Loss rate: 0.85%

-- Flow 1:

Average throughput: 431.81 Mbit/s

95th percentile per-packet one-way delay: 107.343 ms

Loss rate: 0.47%

-- Flow 2:

Average throughput: 440.68 Mbit/s

95th percentile per-packet one-way delay: 129.539 ms

Loss rate: 0.91%

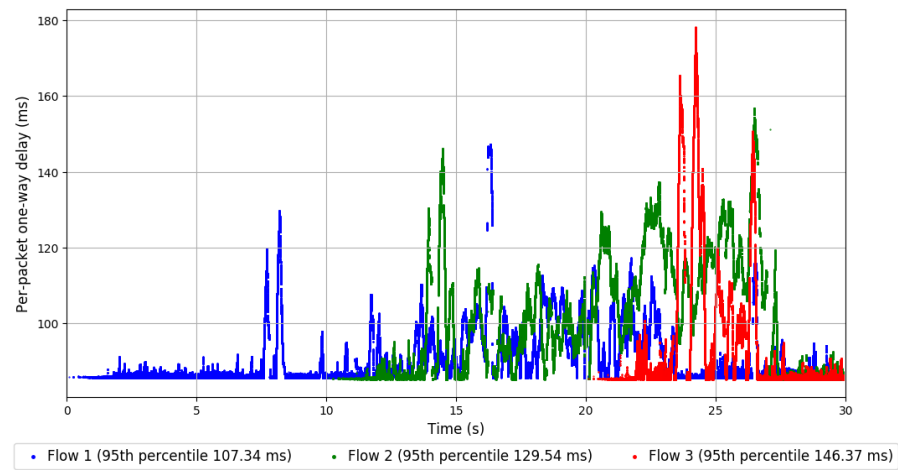
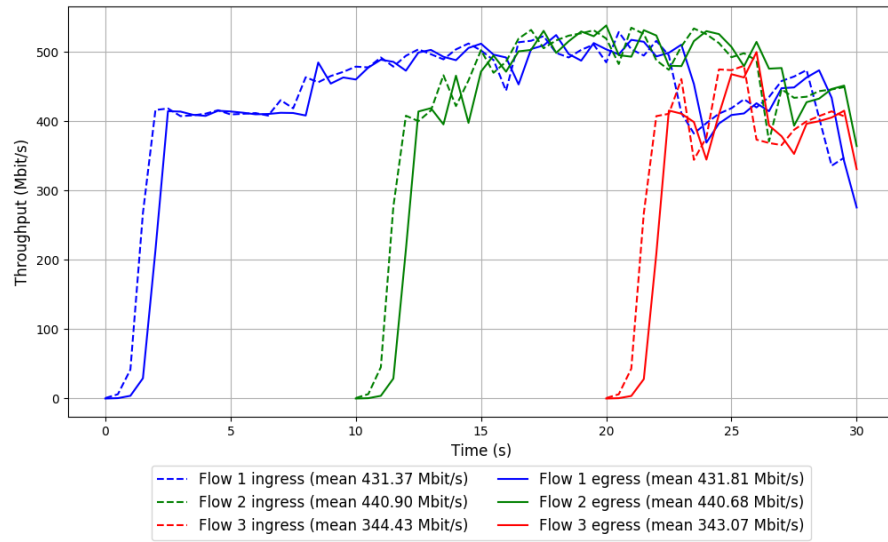
-- Flow 3:

Average throughput: 343.07 Mbit/s

95th percentile per-packet one-way delay: 146.368 ms

Loss rate: 2.11%

Run 5: Report of TCP Cubic — Data Link



Run 1: Statistics of FillP

Start at: 2019-07-12 02:56:24

End at: 2019-07-12 02:56:54

Local clock offset: 0.223 ms

Remote clock offset: 0.003 ms

Below is generated by plot.py at 2019-07-12 06:37:31

Datalink statistics

-- Total of 3 flows:

Average throughput: 470.10 Mbit/s

95th percentile per-packet one-way delay: 90.777 ms

Loss rate: 1.42%

-- Flow 1:

Average throughput: 161.89 Mbit/s

95th percentile per-packet one-way delay: 94.782 ms

Loss rate: 2.08%

-- Flow 2:

Average throughput: 337.19 Mbit/s

95th percentile per-packet one-way delay: 87.673 ms

Loss rate: 0.80%

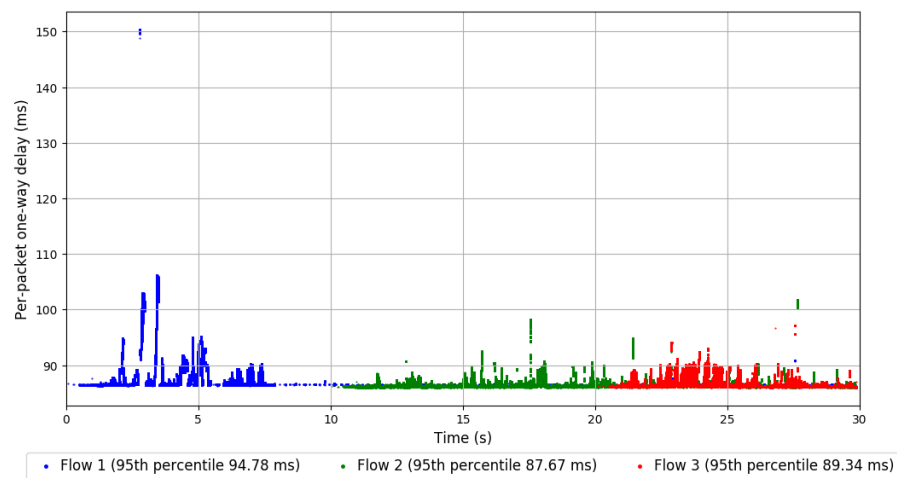
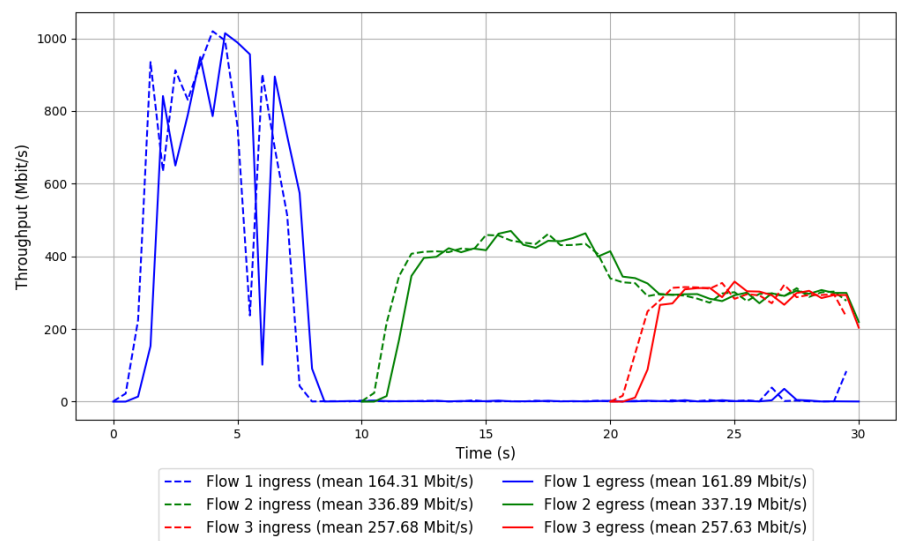
-- Flow 3:

Average throughput: 257.63 Mbit/s

95th percentile per-packet one-way delay: 89.341 ms

Loss rate: 1.76%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2019-07-12 03:38:11

End at: 2019-07-12 03:38:41

Local clock offset: -0.567 ms

Remote clock offset: -0.02 ms

Below is generated by plot.py at 2019-07-12 06:42:47

Datalink statistics

-- Total of 3 flows:

Average throughput: 469.79 Mbit/s

95th percentile per-packet one-way delay: 89.450 ms

Loss rate: 0.68%

-- Flow 1:

Average throughput: 175.09 Mbit/s

95th percentile per-packet one-way delay: 90.953 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 319.55 Mbit/s

95th percentile per-packet one-way delay: 87.272 ms

Loss rate: 0.74%

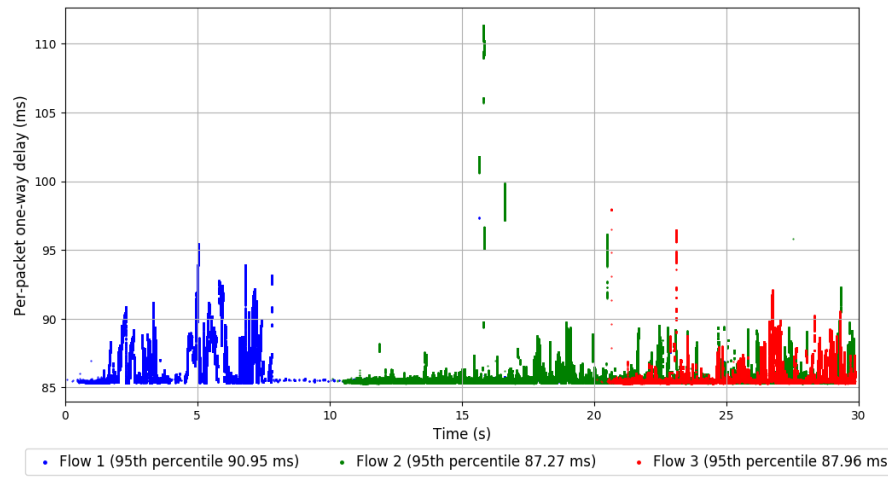
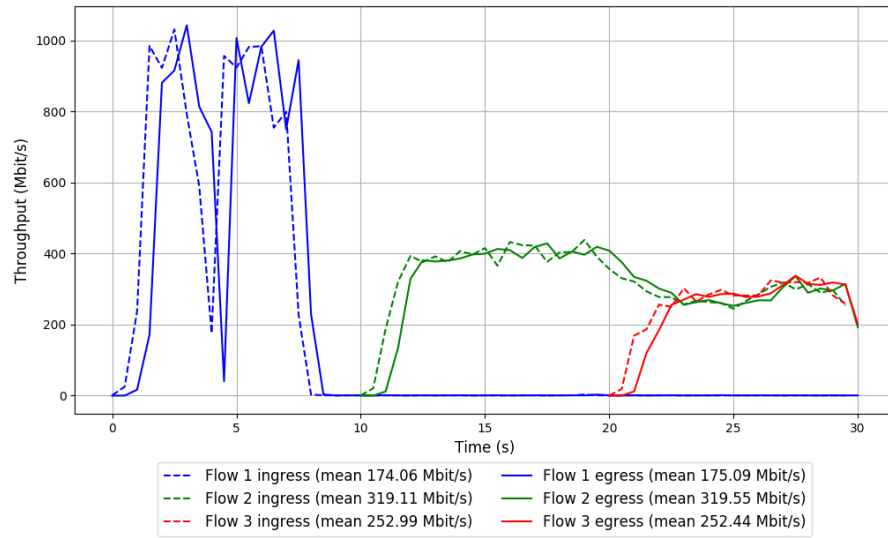
-- Flow 3:

Average throughput: 252.44 Mbit/s

95th percentile per-packet one-way delay: 87.960 ms

Loss rate: 1.95%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2019-07-12 04:19:58

End at: 2019-07-12 04:20:28

Local clock offset: -0.03 ms

Remote clock offset: 0.01 ms

Below is generated by plot.py at 2019-07-12 06:42:52

Datalink statistics

-- Total of 3 flows:

Average throughput: 440.14 Mbit/s

95th percentile per-packet one-way delay: 143.638 ms

Loss rate: 1.54%

-- Flow 1:

Average throughput: 116.97 Mbit/s

95th percentile per-packet one-way delay: 149.517 ms

Loss rate: 2.46%

-- Flow 2:

Average throughput: 369.82 Mbit/s

95th percentile per-packet one-way delay: 92.395 ms

Loss rate: 0.96%

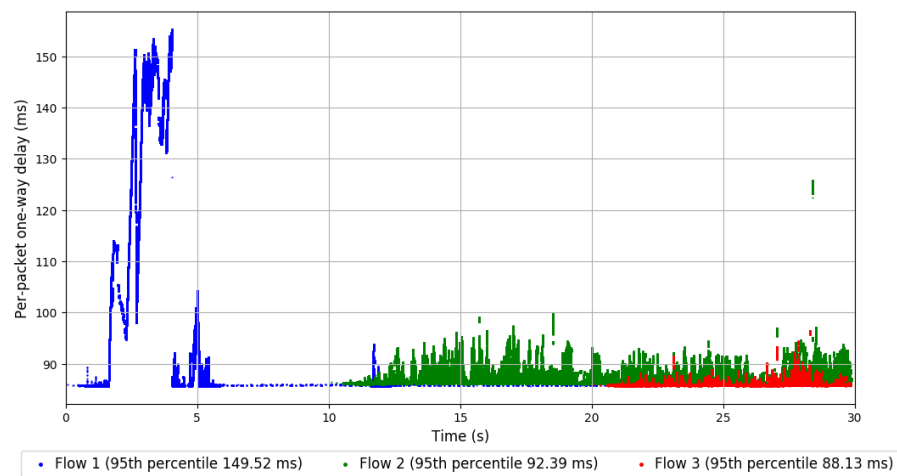
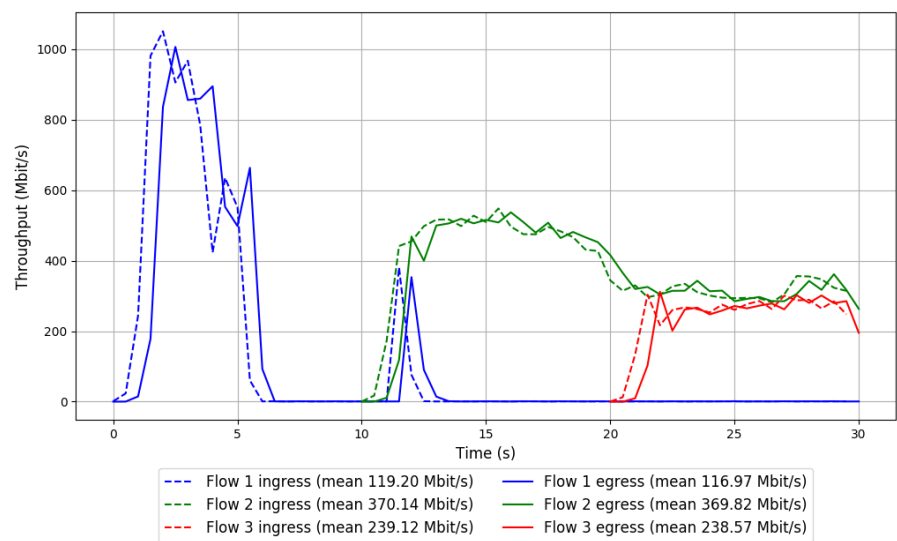
-- Flow 3:

Average throughput: 238.57 Mbit/s

95th percentile per-packet one-way delay: 88.131 ms

Loss rate: 1.95%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2019-07-12 05:01:35

End at: 2019-07-12 05:02:05

Local clock offset: 0.181 ms

Remote clock offset: -0.0 ms

Below is generated by plot.py at 2019-07-12 06:45:41

Datalink statistics

-- Total of 3 flows:

Average throughput: 518.38 Mbit/s

95th percentile per-packet one-way delay: 142.472 ms

Loss rate: 2.15%

-- Flow 1:

Average throughput: 216.70 Mbit/s

95th percentile per-packet one-way delay: 151.192 ms

Loss rate: 3.31%

-- Flow 2:

Average throughput: 351.76 Mbit/s

95th percentile per-packet one-way delay: 90.589 ms

Loss rate: 0.99%

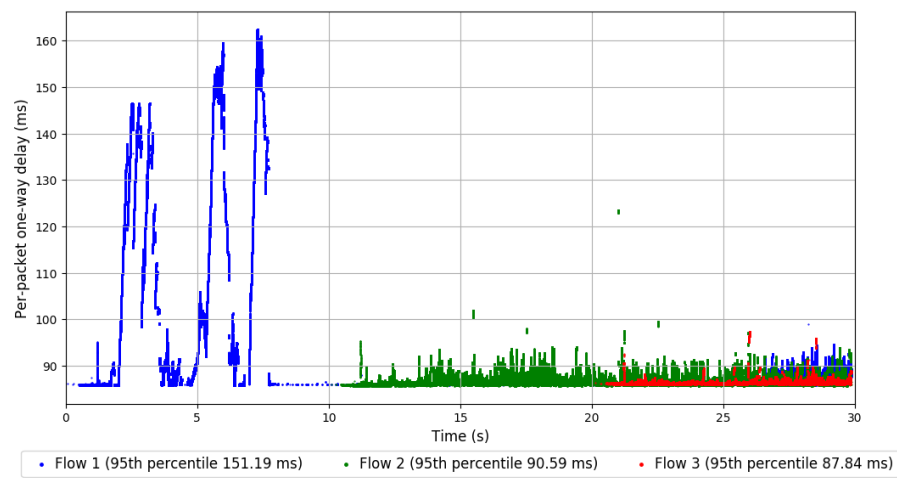
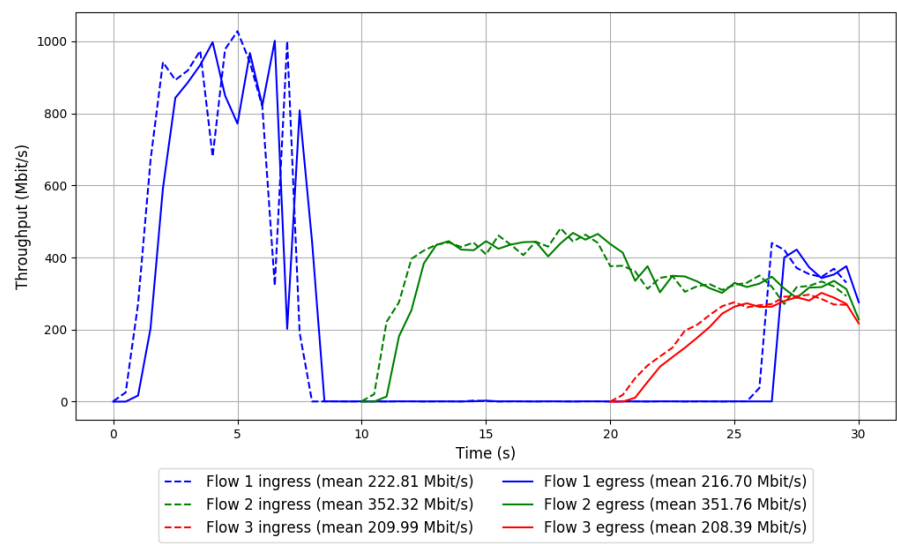
-- Flow 3:

Average throughput: 208.39 Mbit/s

95th percentile per-packet one-way delay: 87.836 ms

Loss rate: 2.38%

Run 4: Report of FillP — Data Link

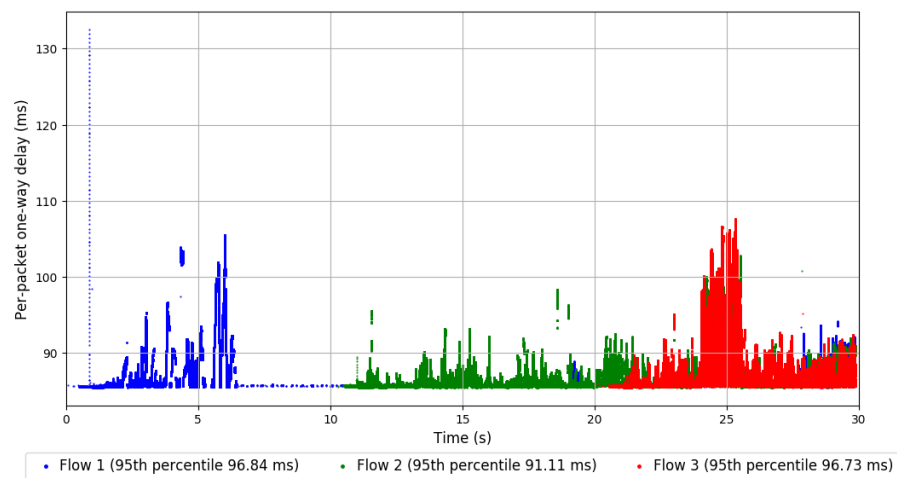
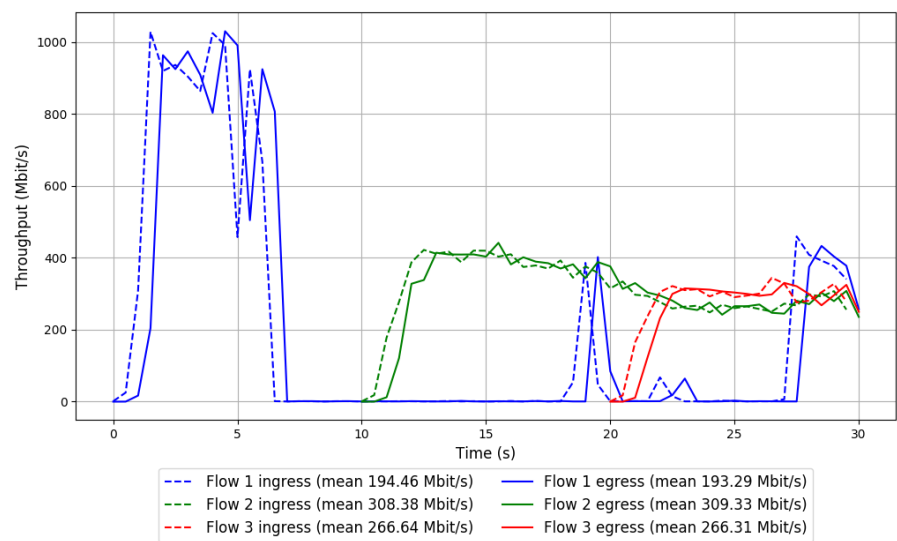


Run 5: Statistics of FillP

Start at: 2019-07-12 05:43:25
End at: 2019-07-12 05:43:55
Local clock offset: -0.333 ms
Remote clock offset: -0.065 ms

Below is generated by plot.py at 2019-07-12 06:46:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 485.77 Mbit/s
95th percentile per-packet one-way delay: 94.690 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 193.29 Mbit/s
95th percentile per-packet one-way delay: 96.841 ms
Loss rate: 1.18%
-- Flow 2:
Average throughput: 309.33 Mbit/s
95th percentile per-packet one-way delay: 91.114 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 266.31 Mbit/s
95th percentile per-packet one-way delay: 96.735 ms
Loss rate: 1.86%

Run 5: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2019-07-12 02:32:46

End at: 2019-07-12 02:33:16

Local clock offset: -0.02 ms

Remote clock offset: -0.02 ms

Below is generated by plot.py at 2019-07-12 06:52:16

Datalink statistics

-- Total of 3 flows:

Average throughput: 735.81 Mbit/s

95th percentile per-packet one-way delay: 127.611 ms

Loss rate: 0.97%

-- Flow 1:

Average throughput: 477.59 Mbit/s

95th percentile per-packet one-way delay: 132.867 ms

Loss rate: 0.87%

-- Flow 2:

Average throughput: 275.68 Mbit/s

95th percentile per-packet one-way delay: 87.262 ms

Loss rate: 0.79%

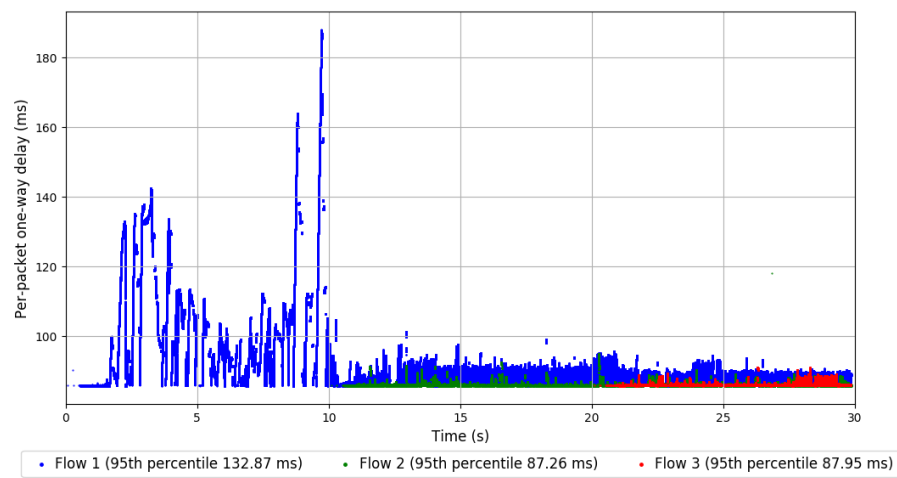
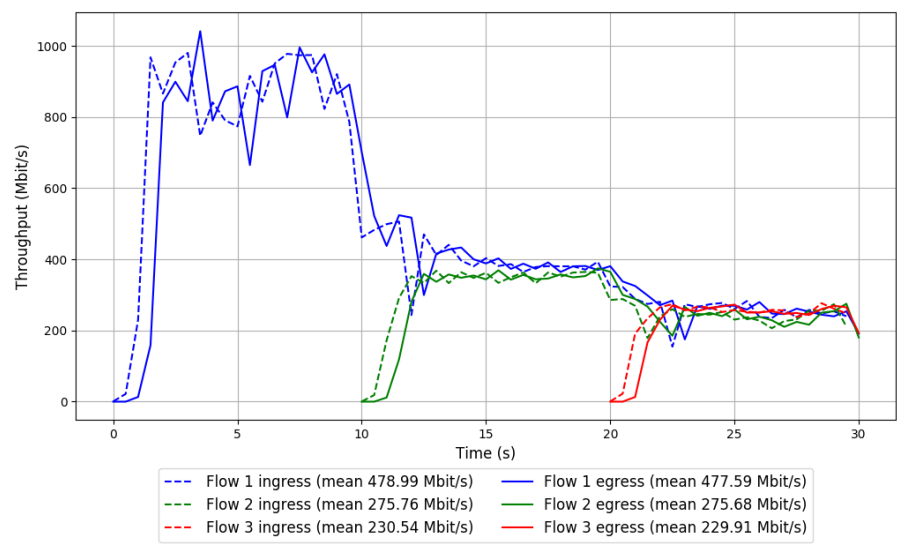
-- Flow 3:

Average throughput: 229.91 Mbit/s

95th percentile per-packet one-way delay: 87.952 ms

Loss rate: 2.09%

Run 1: Report of FillP-Sheep — Data Link

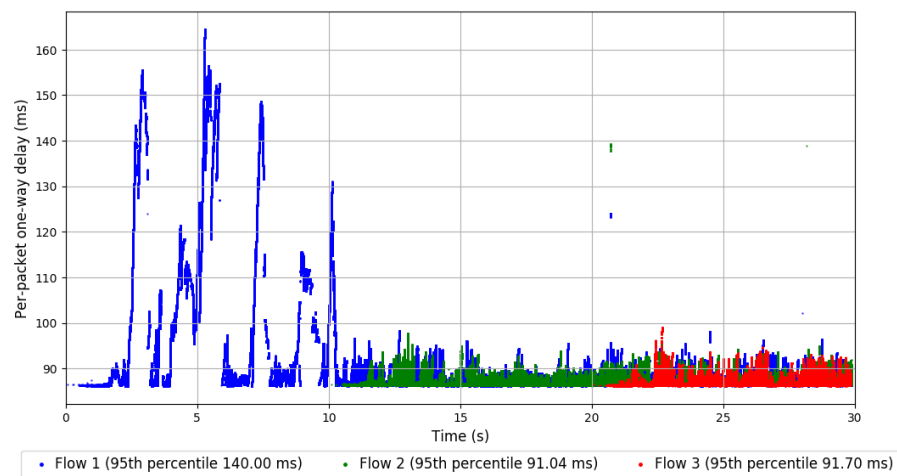
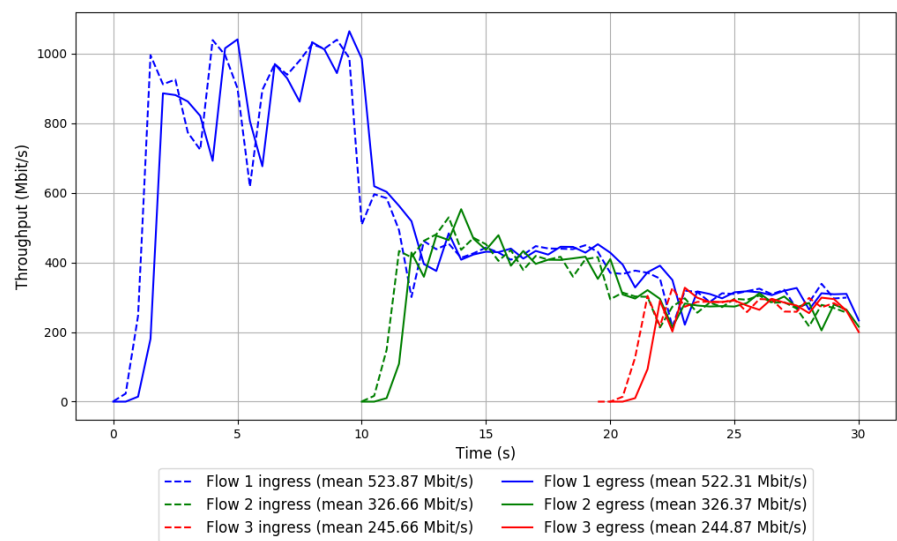


Run 2: Statistics of FillP-Sheep

Start at: 2019-07-12 03:14:42
End at: 2019-07-12 03:15:12
Local clock offset: 0.296 ms
Remote clock offset: -0.031 ms

Below is generated by plot.py at 2019-07-12 06:54:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 819.43 Mbit/s
95th percentile per-packet one-way delay: 126.853 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 522.31 Mbit/s
95th percentile per-packet one-way delay: 140.003 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 326.37 Mbit/s
95th percentile per-packet one-way delay: 91.044 ms
Loss rate: 0.95%
-- Flow 3:
Average throughput: 244.87 Mbit/s
95th percentile per-packet one-way delay: 91.702 ms
Loss rate: 2.08%

Run 2: Report of FillP-Sheep — Data Link

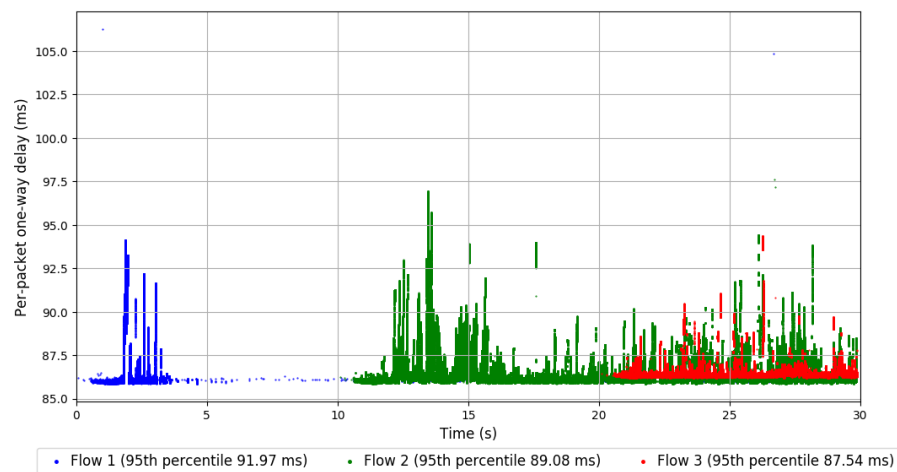
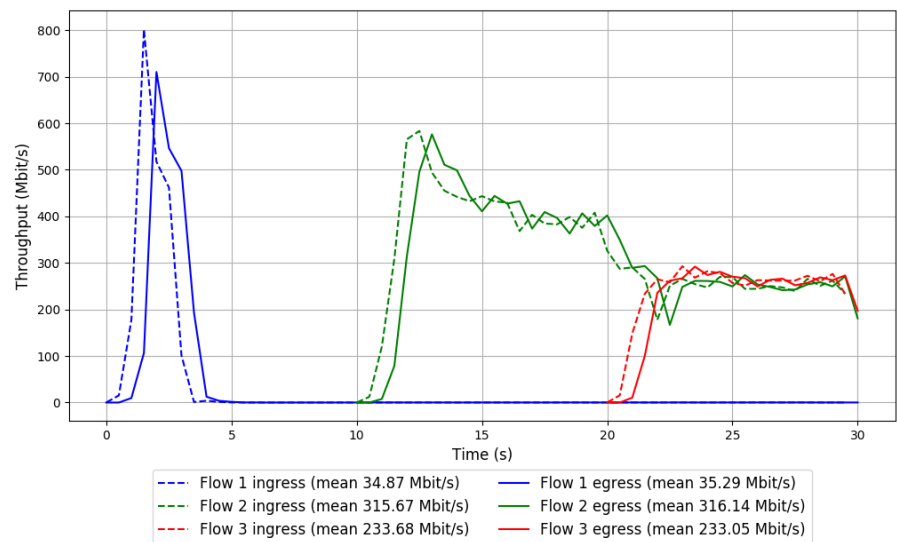


Run 3: Statistics of FillP-Sheep

Start at: 2019-07-12 03:56:49
End at: 2019-07-12 03:57:19
Local clock offset: 0.028 ms
Remote clock offset: -0.006 ms

Below is generated by plot.py at 2019-07-12 06:54:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 321.11 Mbit/s
95th percentile per-packet one-way delay: 89.293 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 35.29 Mbit/s
95th percentile per-packet one-way delay: 91.967 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 316.14 Mbit/s
95th percentile per-packet one-way delay: 89.084 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 233.05 Mbit/s
95th percentile per-packet one-way delay: 87.536 ms
Loss rate: 1.99%

Run 3: Report of FillP-Sheep — Data Link

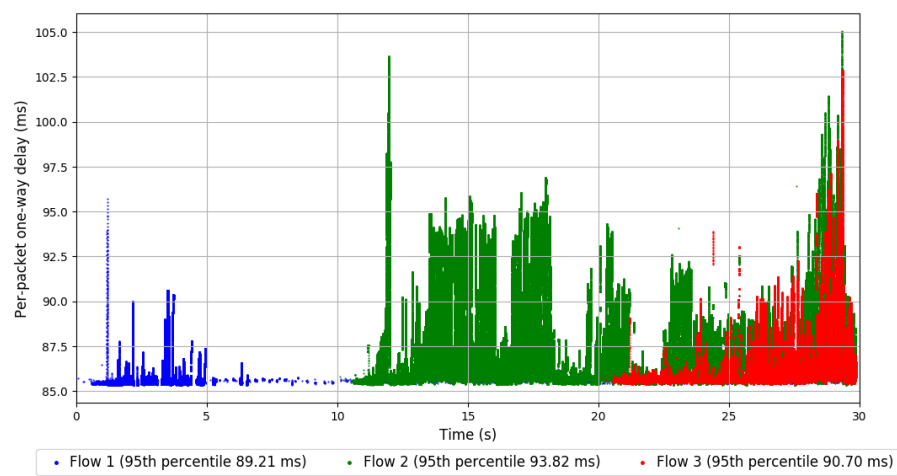
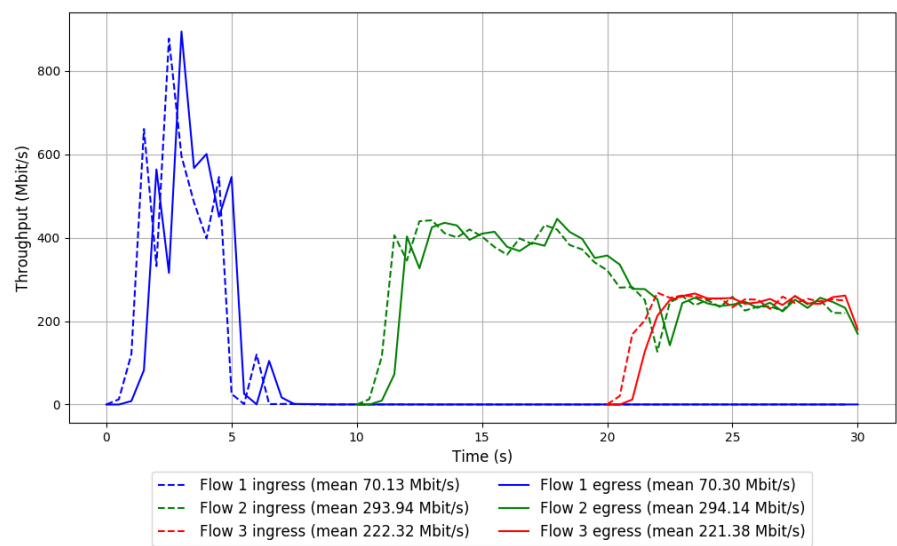


Run 4: Statistics of FillP-Sheep

Start at: 2019-07-12 04:38:25
End at: 2019-07-12 04:38:55
Local clock offset: -0.264 ms
Remote clock offset: -0.004 ms

Below is generated by plot.py at 2019-07-12 06:54:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 337.96 Mbit/s
95th percentile per-packet one-way delay: 93.152 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 70.30 Mbit/s
95th percentile per-packet one-way delay: 89.208 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 294.14 Mbit/s
95th percentile per-packet one-way delay: 93.818 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 221.38 Mbit/s
95th percentile per-packet one-way delay: 90.702 ms
Loss rate: 2.21%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2019-07-12 05:20:14

End at: 2019-07-12 05:20:44

Local clock offset: 0.12 ms

Remote clock offset: 0.008 ms

Below is generated by plot.py at 2019-07-12 06:54:46

Datalink statistics

-- Total of 3 flows:

Average throughput: 488.04 Mbit/s

95th percentile per-packet one-way delay: 99.029 ms

Loss rate: 0.69%

-- Flow 1:

Average throughput: 195.40 Mbit/s

95th percentile per-packet one-way delay: 104.262 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 313.74 Mbit/s

95th percentile per-packet one-way delay: 91.469 ms

Loss rate: 0.74%

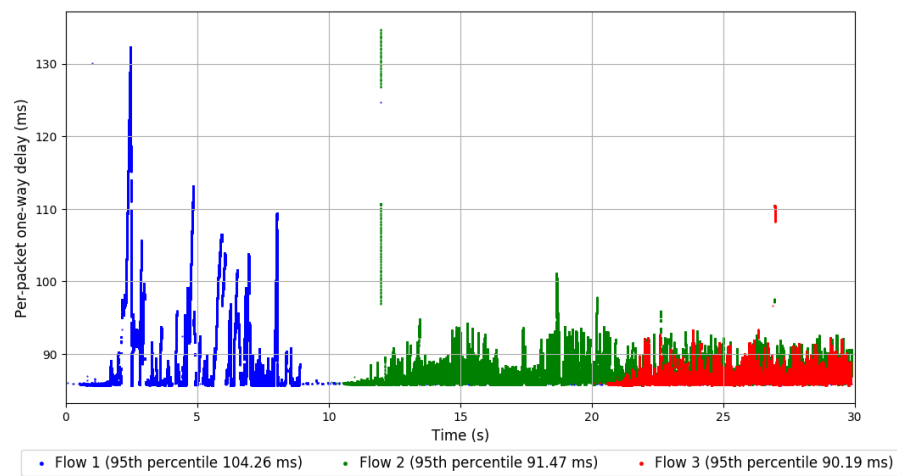
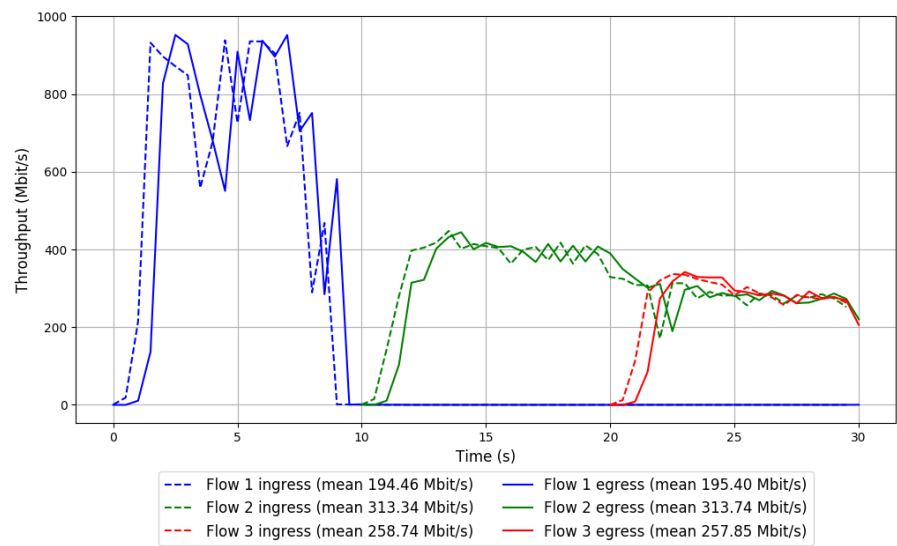
-- Flow 3:

Average throughput: 257.85 Mbit/s

95th percentile per-packet one-way delay: 90.193 ms

Loss rate: 2.13%

Run 5: Report of FillP-Sheep — Data Link

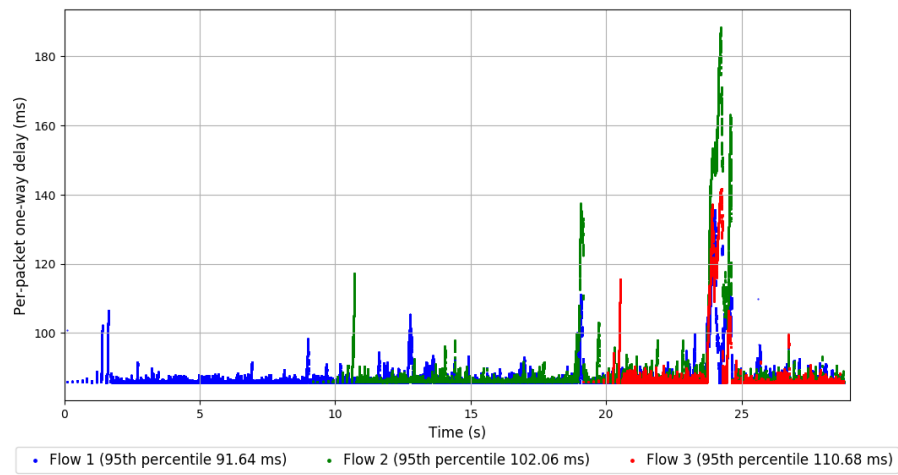
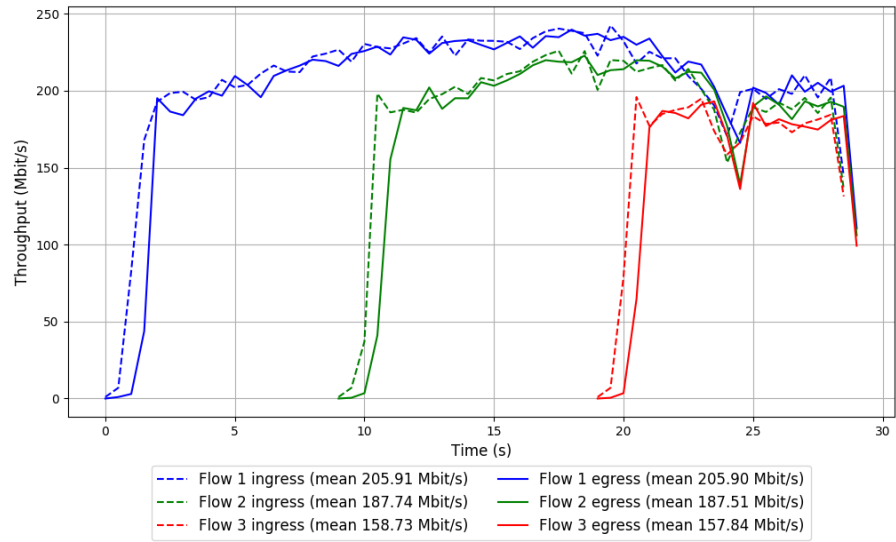


Run 1: Statistics of Indigo

Start at: 2019-07-12 02:58:01
End at: 2019-07-12 02:58:31
Local clock offset: -0.057 ms
Remote clock offset: -0.014 ms

Below is generated by plot.py at 2019-07-12 06:56:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 387.01 Mbit/s
95th percentile per-packet one-way delay: 96.078 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 205.90 Mbit/s
95th percentile per-packet one-way delay: 91.644 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 187.51 Mbit/s
95th percentile per-packet one-way delay: 102.062 ms
Loss rate: 1.00%
-- Flow 3:
Average throughput: 157.84 Mbit/s
95th percentile per-packet one-way delay: 110.679 ms
Loss rate: 2.30%

Run 1: Report of Indigo — Data Link

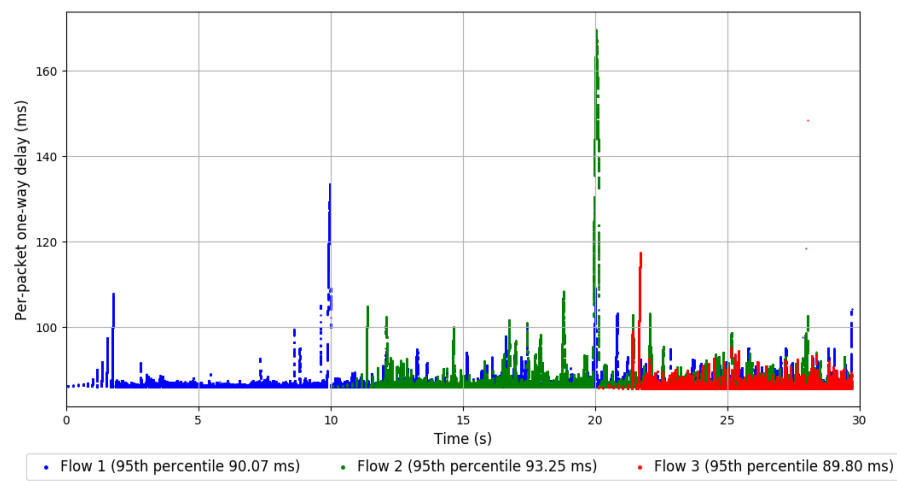
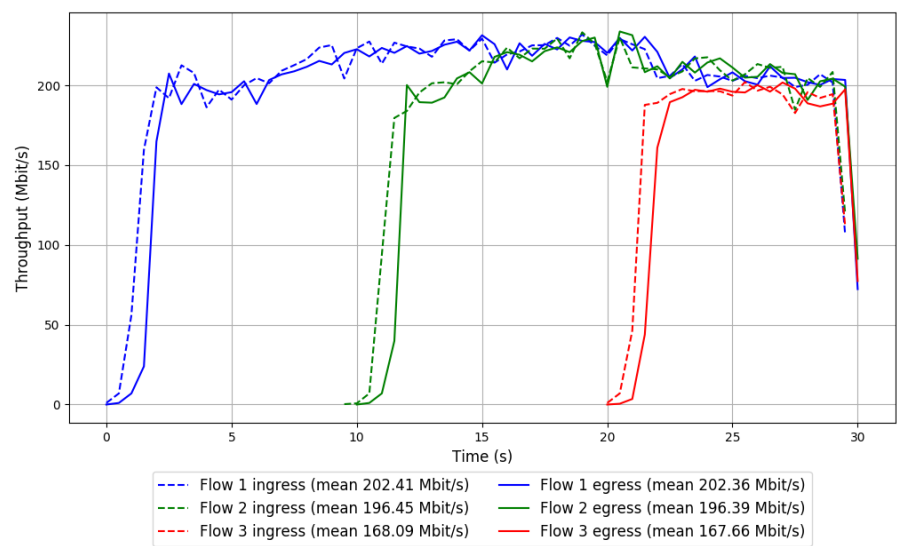


Run 2: Statistics of Indigo

Start at: 2019-07-12 03:39:47
End at: 2019-07-12 03:40:17
Local clock offset: -0.147 ms
Remote clock offset: -0.045 ms

Below is generated by plot.py at 2019-07-12 06:57:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 386.55 Mbit/s
95th percentile per-packet one-way delay: 90.909 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 202.36 Mbit/s
95th percentile per-packet one-way delay: 90.073 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 196.39 Mbit/s
95th percentile per-packet one-way delay: 93.249 ms
Loss rate: 0.90%
-- Flow 3:
Average throughput: 167.66 Mbit/s
95th percentile per-packet one-way delay: 89.797 ms
Loss rate: 2.03%

Run 2: Report of Indigo — Data Link

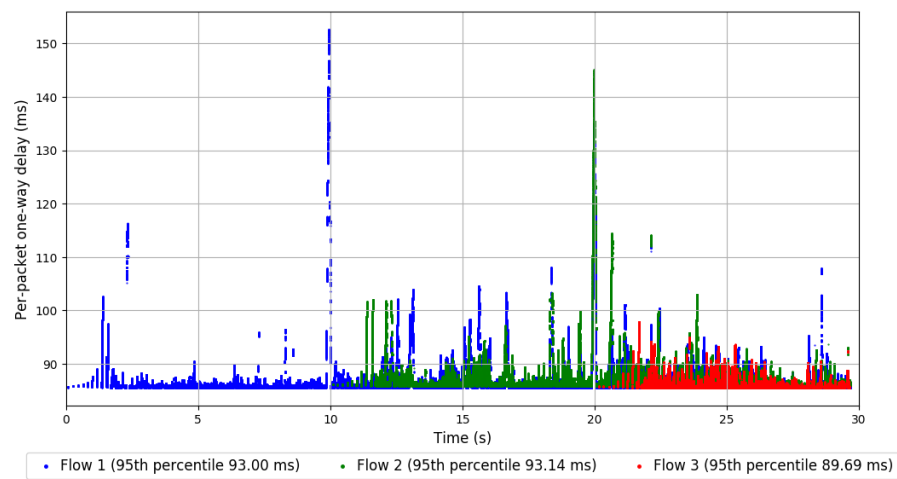
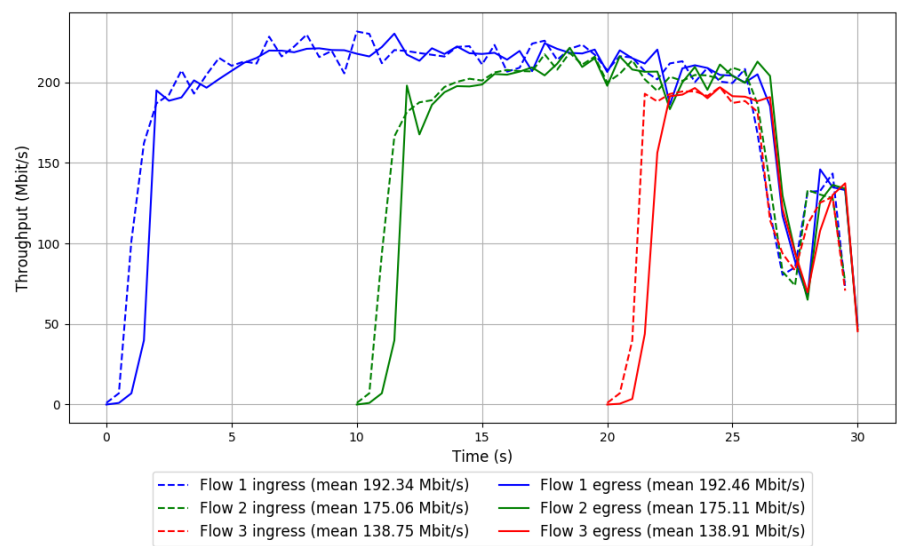


Run 3: Statistics of Indigo

Start at: 2019-07-12 04:21:34
End at: 2019-07-12 04:22:04
Local clock offset: -0.191 ms
Remote clock offset: -0.007 ms

Below is generated by plot.py at 2019-07-12 06:58:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 352.94 Mbit/s
95th percentile per-packet one-way delay: 92.397 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 192.46 Mbit/s
95th percentile per-packet one-way delay: 93.000 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 175.11 Mbit/s
95th percentile per-packet one-way delay: 93.137 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 138.91 Mbit/s
95th percentile per-packet one-way delay: 89.690 ms
Loss rate: 1.69%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2019-07-12 05:03:15

End at: 2019-07-12 05:03:45

Local clock offset: 0.467 ms

Remote clock offset: 0.026 ms

Below is generated by plot.py at 2019-07-12 06:59:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 359.98 Mbit/s

95th percentile per-packet one-way delay: 98.715 ms

Loss rate: 0.77%

-- Flow 1:

Average throughput: 195.47 Mbit/s

95th percentile per-packet one-way delay: 104.009 ms

Loss rate: 0.40%

-- Flow 2:

Average throughput: 165.05 Mbit/s

95th percentile per-packet one-way delay: 99.451 ms

Loss rate: 0.69%

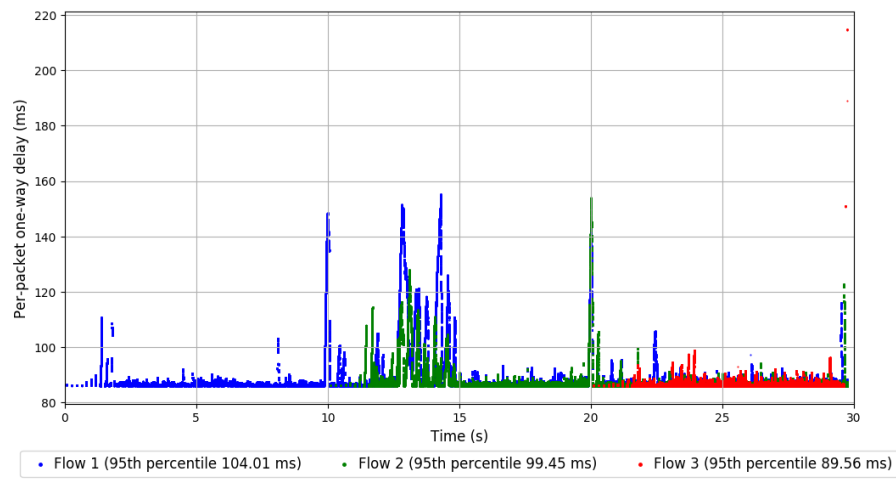
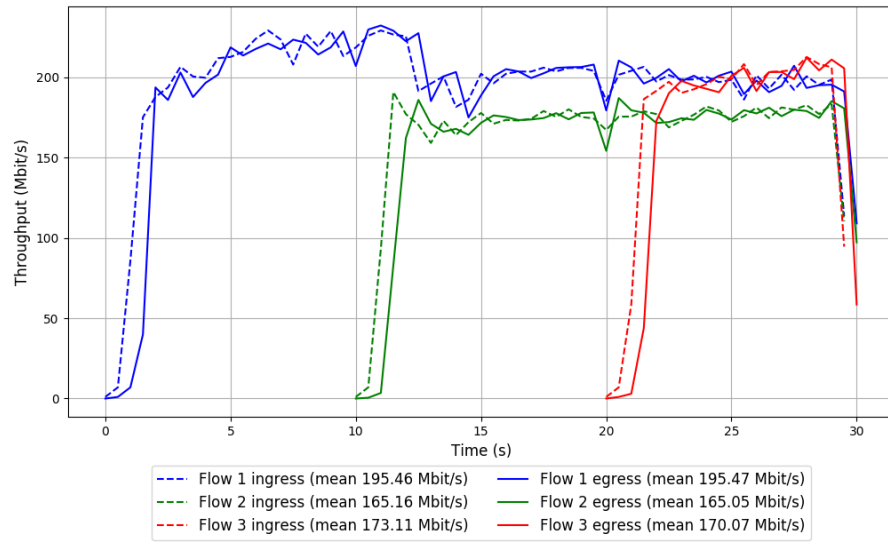
-- Flow 3:

Average throughput: 170.07 Mbit/s

95th percentile per-packet one-way delay: 89.562 ms

Loss rate: 2.20%

Run 4: Report of Indigo — Data Link

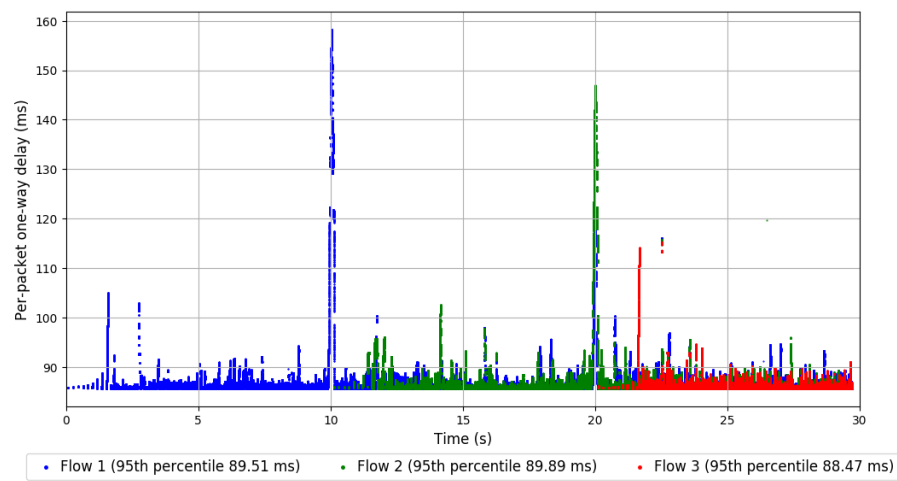
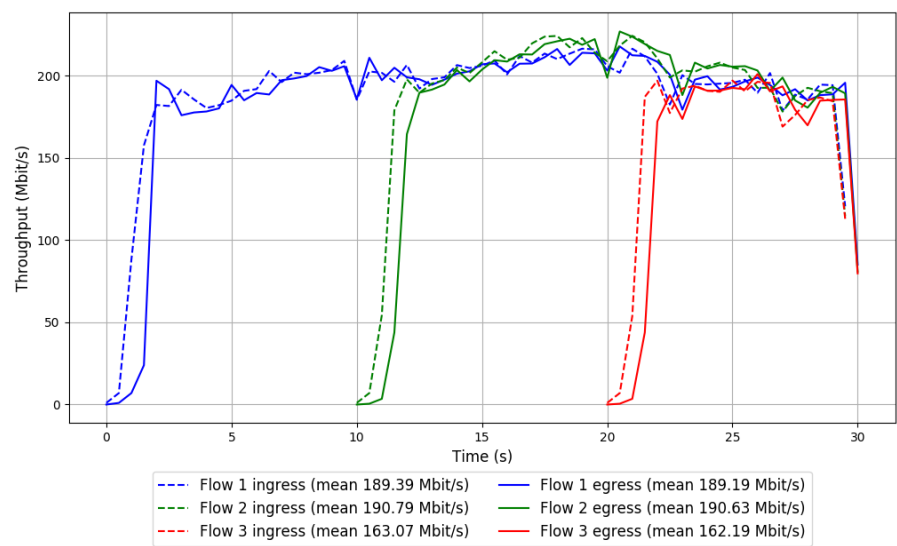


Run 5: Statistics of Indigo

Start at: 2019-07-12 05:45:04
End at: 2019-07-12 05:45:34
Local clock offset: -0.098 ms
Remote clock offset: -0.046 ms

Below is generated by plot.py at 2019-07-12 07:00:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 367.65 Mbit/s
95th percentile per-packet one-way delay: 89.441 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 189.19 Mbit/s
95th percentile per-packet one-way delay: 89.510 ms
Loss rate: 0.69%
-- Flow 2:
Average throughput: 190.63 Mbit/s
95th percentile per-packet one-way delay: 89.888 ms
Loss rate: 1.00%
-- Flow 3:
Average throughput: 162.19 Mbit/s
95th percentile per-packet one-way delay: 88.474 ms
Loss rate: 2.30%

Run 5: Report of Indigo — Data Link

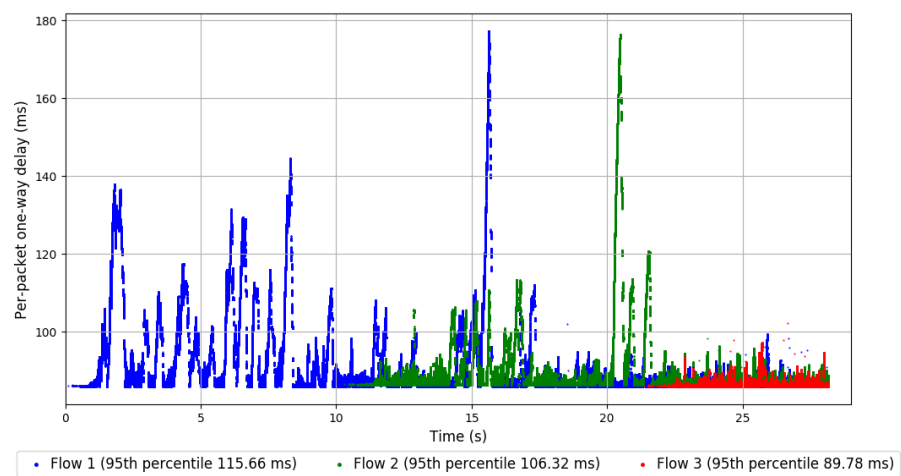
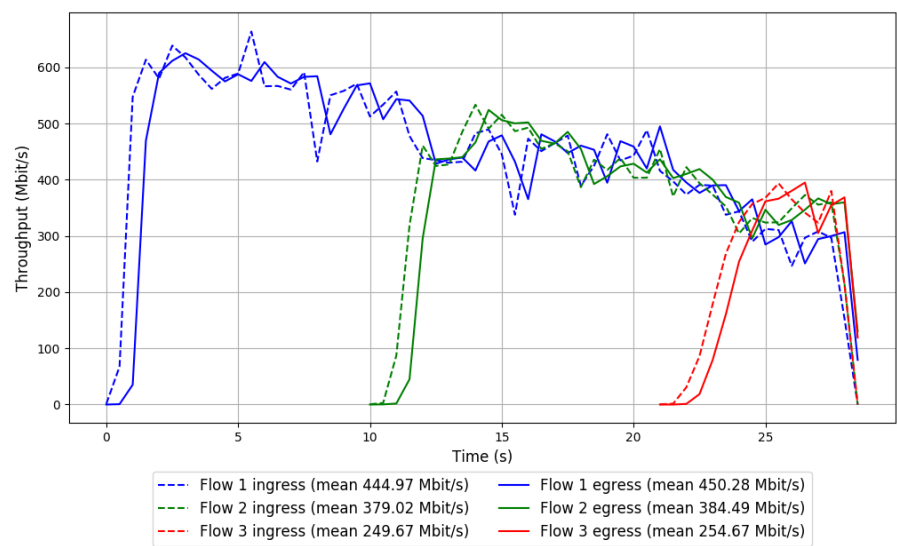


Run 1: Statistics of Indigo-MusesC3

Start at: 2019-07-12 02:30:52
End at: 2019-07-12 02:31:22
Local clock offset: 0.1 ms
Remote clock offset: -0.017 ms

Below is generated by plot.py at 2019-07-12 07:06:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 756.59 Mbit/s
95th percentile per-packet one-way delay: 111.340 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 450.28 Mbit/s
95th percentile per-packet one-way delay: 115.660 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 384.49 Mbit/s
95th percentile per-packet one-way delay: 106.317 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 254.67 Mbit/s
95th percentile per-packet one-way delay: 89.780 ms
Loss rate: 4.34%

Run 1: Report of Indigo-MusesC3 — Data Link

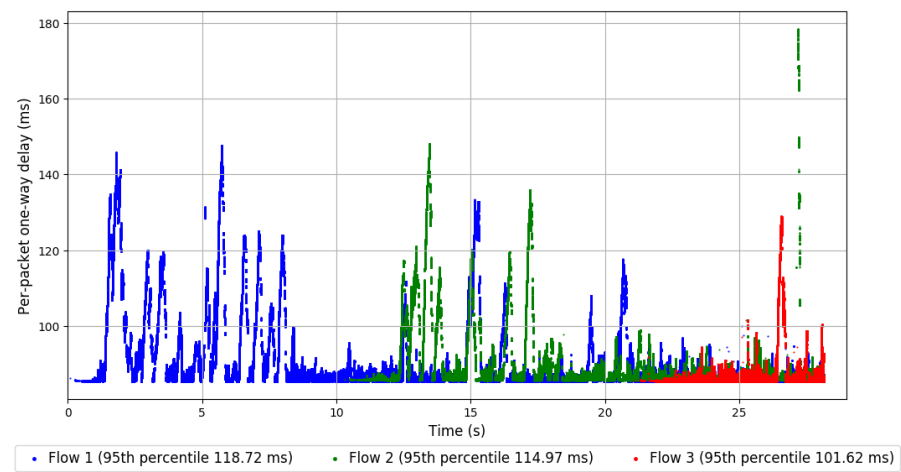
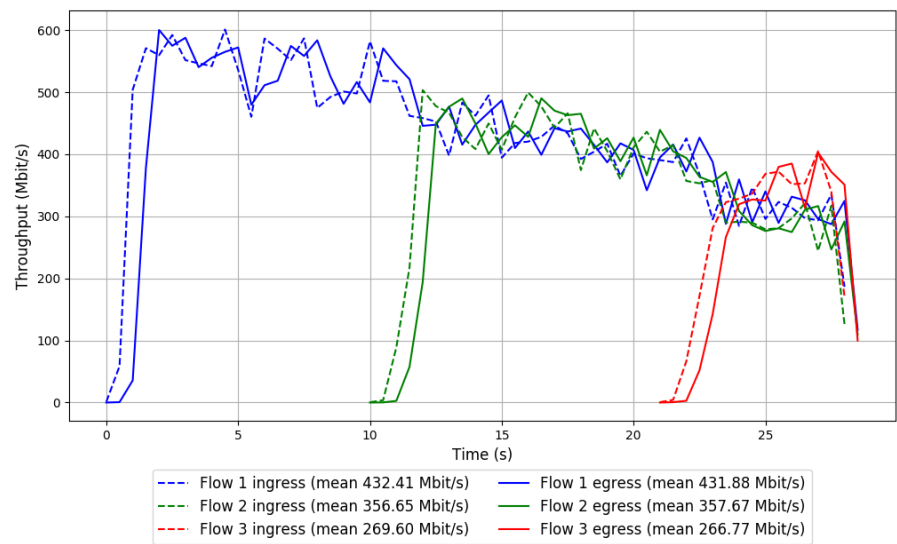


Run 2: Statistics of Indigo-MusesC3

Start at: 2019-07-12 03:12:49
End at: 2019-07-12 03:13:19
Local clock offset: -0.538 ms
Remote clock offset: -0.016 ms

Below is generated by plot.py at 2019-07-12 07:07:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 725.75 Mbit/s
95th percentile per-packet one-way delay: 116.811 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 431.88 Mbit/s
95th percentile per-packet one-way delay: 118.720 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 357.67 Mbit/s
95th percentile per-packet one-way delay: 114.968 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 266.77 Mbit/s
95th percentile per-packet one-way delay: 101.622 ms
Loss rate: 3.43%

Run 2: Report of Indigo-MusesC3 — Data Link



Run 3: Statistics of Indigo-MusesC3

Start at: 2019-07-12 03:54:55

End at: 2019-07-12 03:55:25

Local clock offset: -0.259 ms

Remote clock offset: 0.012 ms

Below is generated by plot.py at 2019-07-12 07:09:24

Datalink statistics

-- Total of 3 flows:

Average throughput: 763.65 Mbit/s

95th percentile per-packet one-way delay: 150.330 ms

Loss rate: 0.99%

-- Flow 1:

Average throughput: 451.88 Mbit/s

95th percentile per-packet one-way delay: 172.742 ms

Loss rate: 0.65%

-- Flow 2:

Average throughput: 382.06 Mbit/s

95th percentile per-packet one-way delay: 126.009 ms

Loss rate: 0.86%

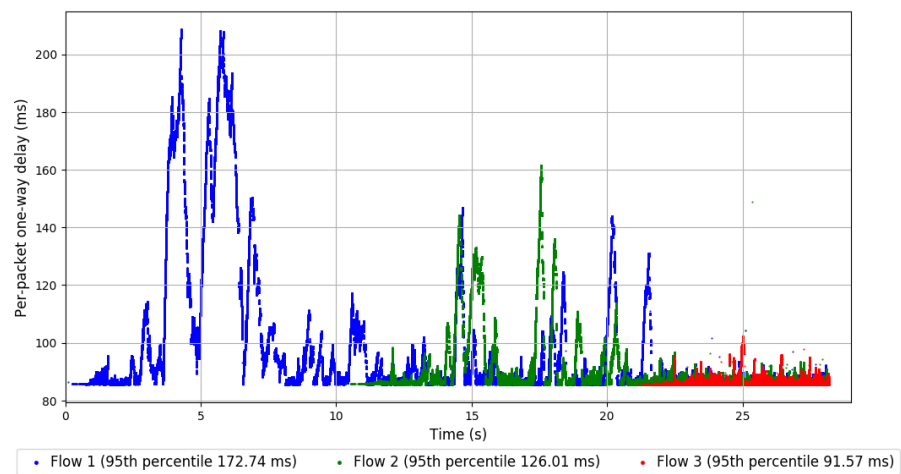
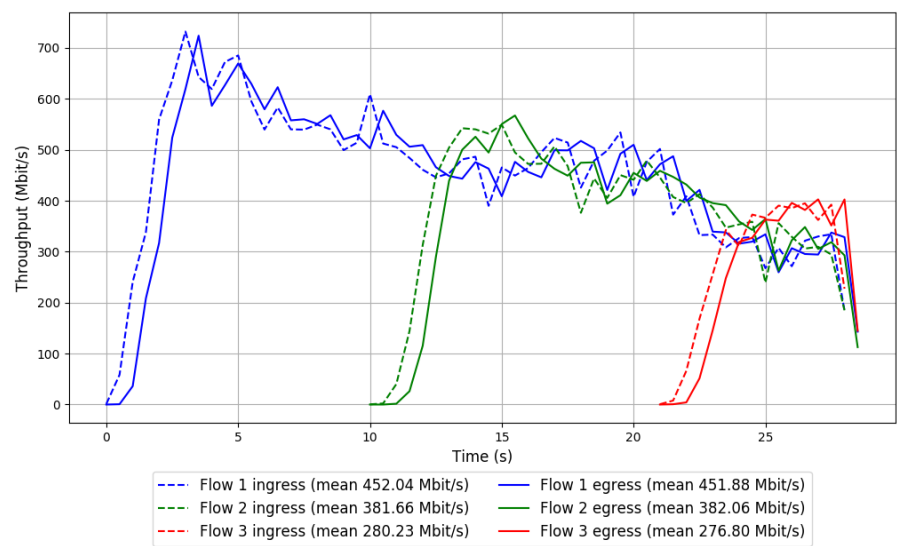
-- Flow 3:

Average throughput: 276.80 Mbit/s

95th percentile per-packet one-way delay: 91.573 ms

Loss rate: 3.58%

Run 3: Report of Indigo-MusesC3 — Data Link



Run 4: Statistics of Indigo-MusesC3

Start at: 2019-07-12 04:36:31

End at: 2019-07-12 04:37:01

Local clock offset: -0.219 ms

Remote clock offset: 0.01 ms

Below is generated by plot.py at 2019-07-12 07:10:36

Datalink statistics

-- Total of 3 flows:

Average throughput: 751.48 Mbit/s

95th percentile per-packet one-way delay: 151.659 ms

Loss rate: 0.87%

-- Flow 1:

Average throughput: 440.41 Mbit/s

95th percentile per-packet one-way delay: 161.432 ms

Loss rate: 0.49%

-- Flow 2:

Average throughput: 370.20 Mbit/s

95th percentile per-packet one-way delay: 97.005 ms

Loss rate: 0.90%

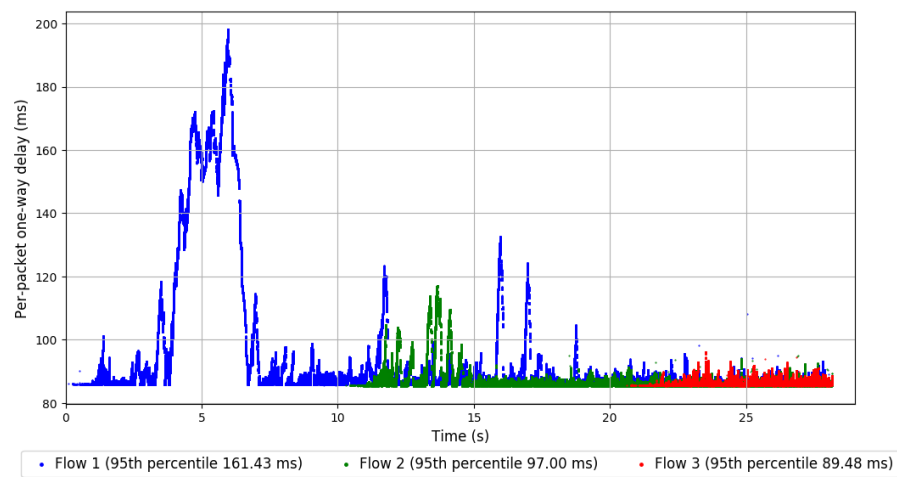
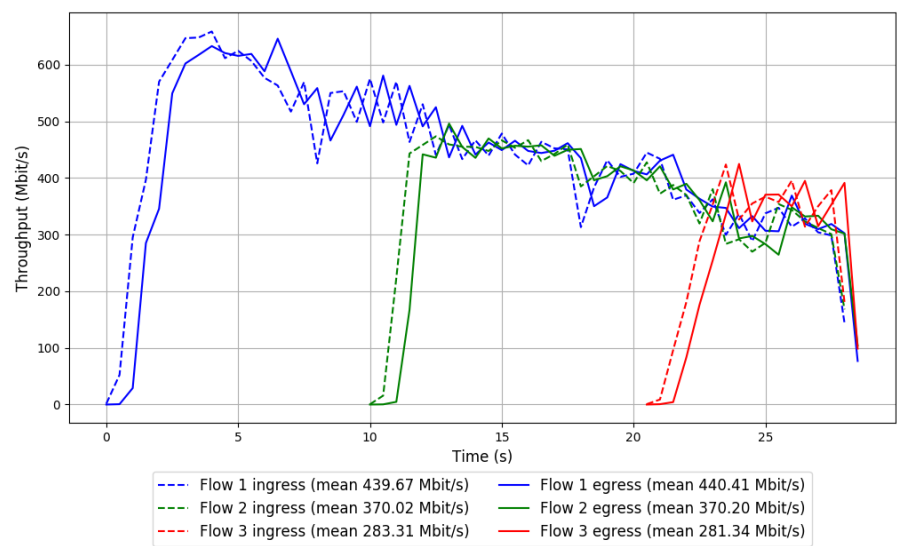
-- Flow 3:

Average throughput: 281.34 Mbit/s

95th percentile per-packet one-way delay: 89.477 ms

Loss rate: 2.98%

Run 4: Report of Indigo-MusesC3 — Data Link



Run 5: Statistics of Indigo-MusesC3

Start at: 2019-07-12 05:18:20

End at: 2019-07-12 05:18:50

Local clock offset: 0.296 ms

Remote clock offset: 0.008 ms

Below is generated by plot.py at 2019-07-12 07:11:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 733.08 Mbit/s

95th percentile per-packet one-way delay: 112.642 ms

Loss rate: 0.82%

-- Flow 1:

Average throughput: 437.14 Mbit/s

95th percentile per-packet one-way delay: 111.799 ms

Loss rate: 0.39%

-- Flow 2:

Average throughput: 358.08 Mbit/s

95th percentile per-packet one-way delay: 117.220 ms

Loss rate: 0.75%

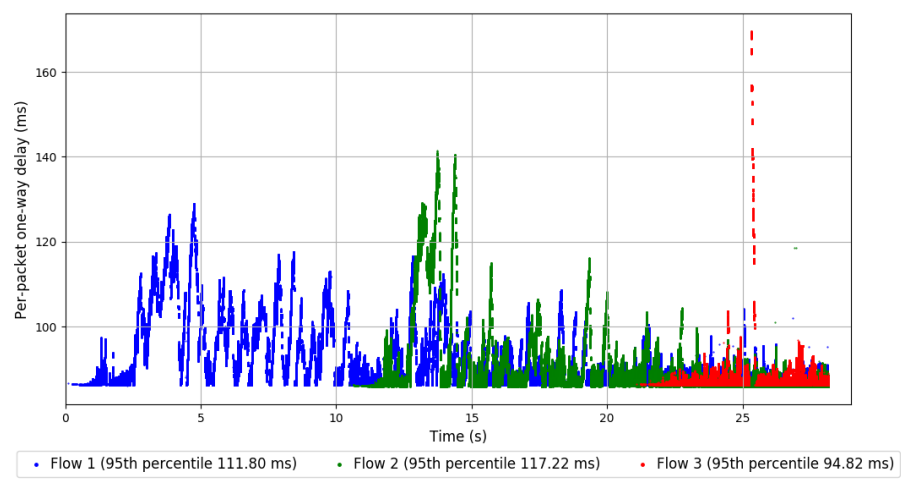
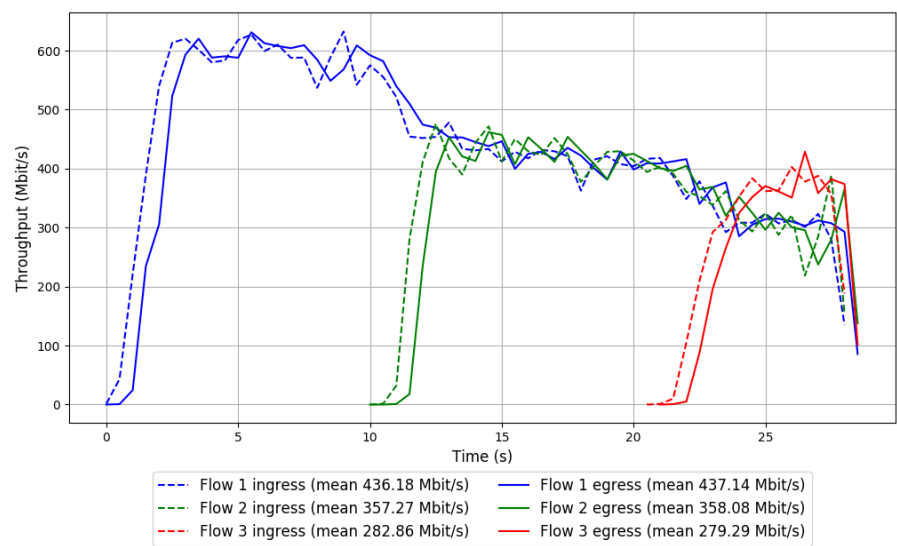
-- Flow 3:

Average throughput: 279.29 Mbit/s

95th percentile per-packet one-way delay: 94.822 ms

Loss rate: 3.58%

Run 5: Report of Indigo-MusesC3 — Data Link

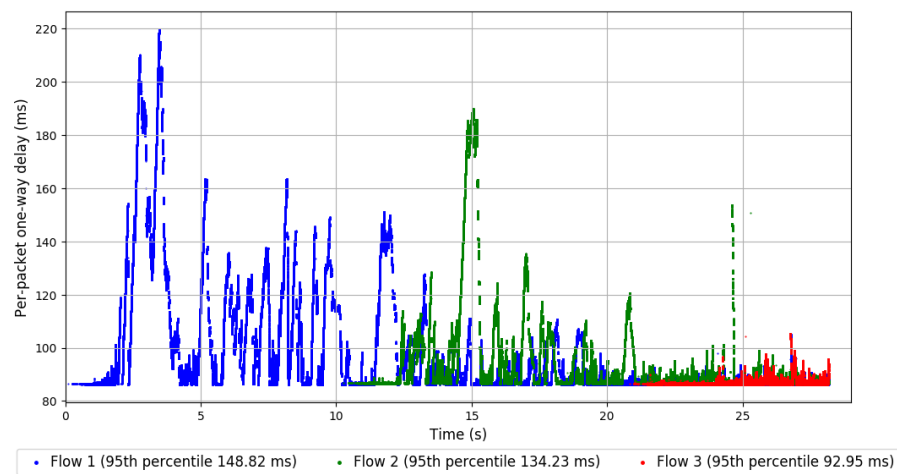
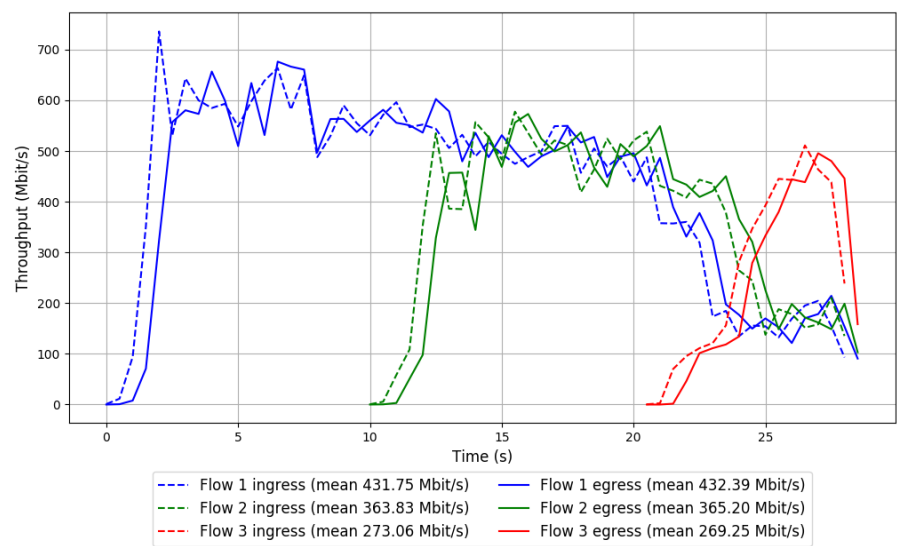


Run 1: Statistics of Indigo-MusesC5

Start at: 2019-07-12 02:47:26
End at: 2019-07-12 02:47:56
Local clock offset: 0.447 ms
Remote clock offset: -0.004 ms

Below is generated by plot.py at 2019-07-12 07:11:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 735.90 Mbit/s
95th percentile per-packet one-way delay: 144.296 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 432.39 Mbit/s
95th percentile per-packet one-way delay: 148.825 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 365.20 Mbit/s
95th percentile per-packet one-way delay: 134.229 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 269.25 Mbit/s
95th percentile per-packet one-way delay: 92.954 ms
Loss rate: 3.65%

Run 1: Report of Indigo-MusesC5 — Data Link

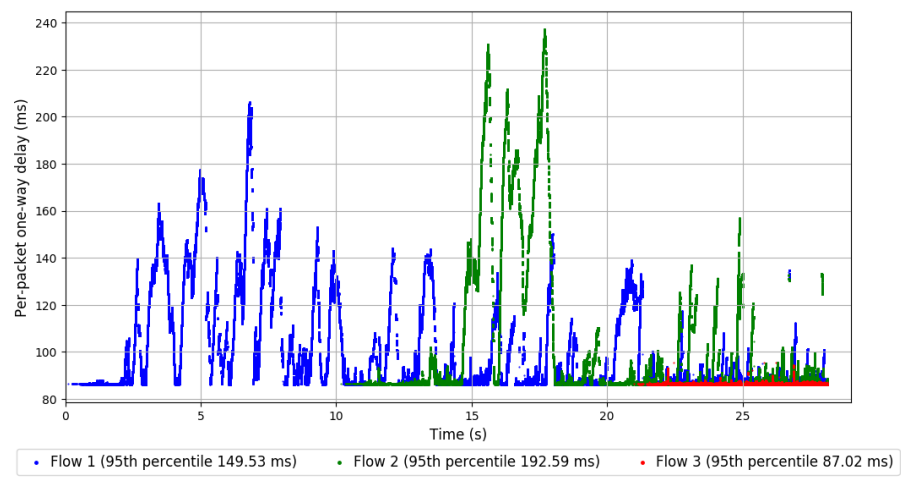
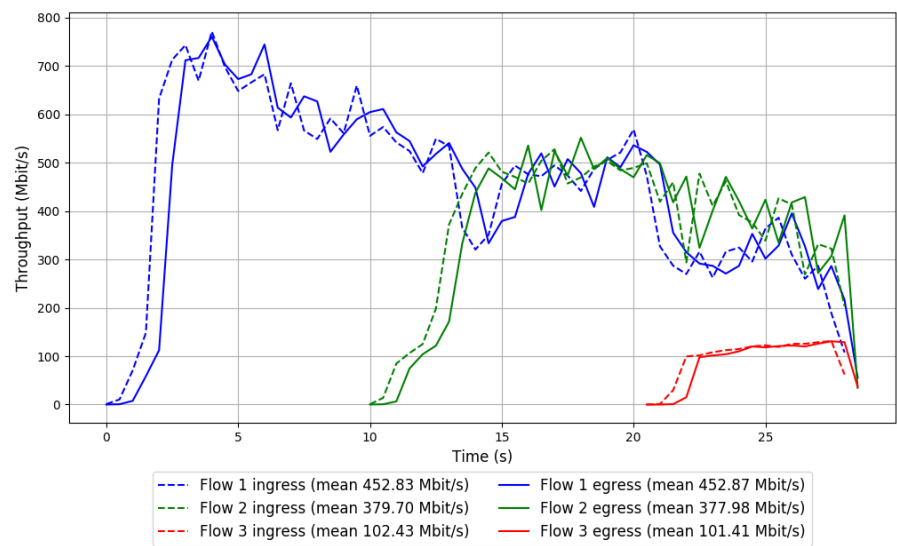


Run 2: Statistics of Indigo-MusesC5

Start at: 2019-07-12 03:29:28
End at: 2019-07-12 03:29:58
Local clock offset: 0.251 ms
Remote clock offset: -0.051 ms

Below is generated by plot.py at 2019-07-12 07:12:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 720.68 Mbit/s
95th percentile per-packet one-way delay: 166.367 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 452.87 Mbit/s
95th percentile per-packet one-way delay: 149.527 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 377.98 Mbit/s
95th percentile per-packet one-way delay: 192.594 ms
Loss rate: 1.40%
-- Flow 3:
Average throughput: 101.41 Mbit/s
95th percentile per-packet one-way delay: 87.017 ms
Loss rate: 3.31%

Run 2: Report of Indigo-MusesC5 — Data Link



Run 3: Statistics of Indigo-MusesC5

Start at: 2019-07-12 04:11:08

End at: 2019-07-12 04:11:38

Local clock offset: -0.413 ms

Remote clock offset: 0.011 ms

Below is generated by plot.py at 2019-07-12 07:12:29

Datalink statistics

-- Total of 3 flows:

Average throughput: 644.34 Mbit/s

95th percentile per-packet one-way delay: 134.286 ms

Loss rate: 0.81%

-- Flow 1:

Average throughput: 434.75 Mbit/s

95th percentile per-packet one-way delay: 148.179 ms

Loss rate: 0.71%

-- Flow 2:

Average throughput: 289.04 Mbit/s

95th percentile per-packet one-way delay: 111.488 ms

Loss rate: 0.72%

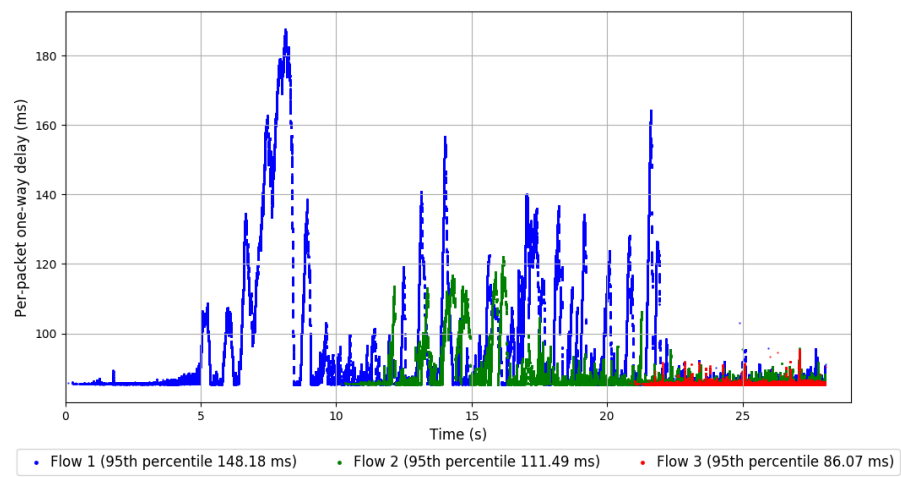
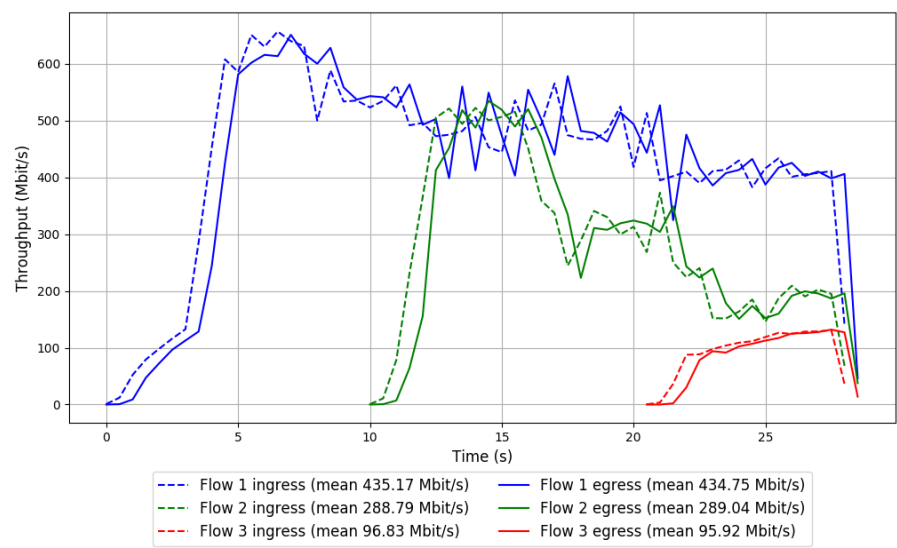
-- Flow 3:

Average throughput: 95.92 Mbit/s

95th percentile per-packet one-way delay: 86.074 ms

Loss rate: 3.20%

Run 3: Report of Indigo-MusesC5 — Data Link



Run 4: Statistics of Indigo-MusesC5

Start at: 2019-07-12 04:52:51

End at: 2019-07-12 04:53:21

Local clock offset: 0.383 ms

Remote clock offset: 0.014 ms

Below is generated by plot.py at 2019-07-12 07:19:22

Datalink statistics

-- Total of 3 flows:

Average throughput: 703.03 Mbit/s

95th percentile per-packet one-way delay: 164.700 ms

Loss rate: 0.88%

-- Flow 1:

Average throughput: 414.53 Mbit/s

95th percentile per-packet one-way delay: 170.257 ms

Loss rate: 0.85%

-- Flow 2:

Average throughput: 412.10 Mbit/s

95th percentile per-packet one-way delay: 147.207 ms

Loss rate: 0.67%

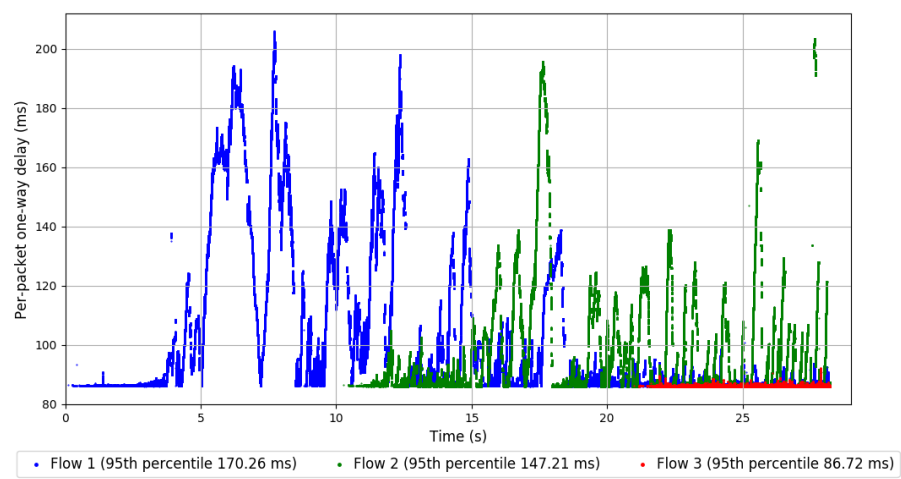
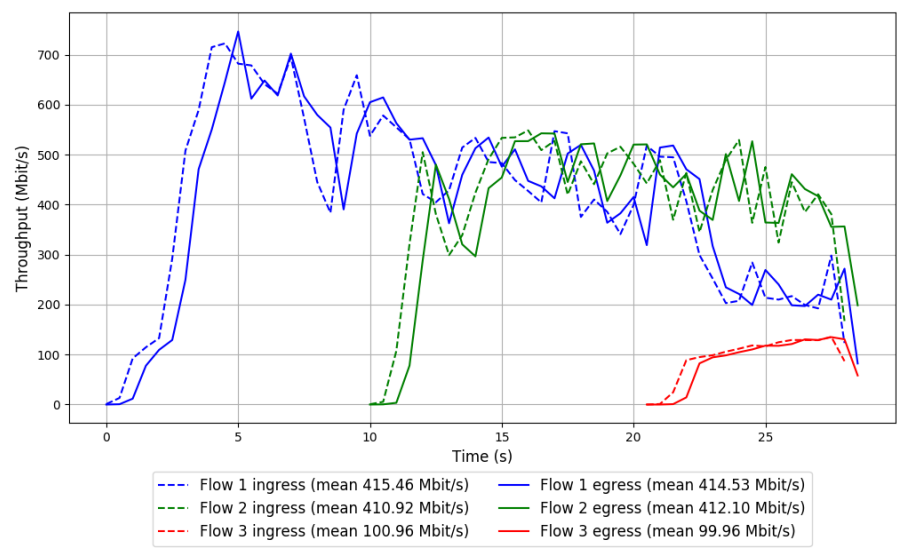
-- Flow 3:

Average throughput: 99.96 Mbit/s

95th percentile per-packet one-way delay: 86.717 ms

Loss rate: 3.29%

Run 4: Report of Indigo-MusesC5 — Data Link

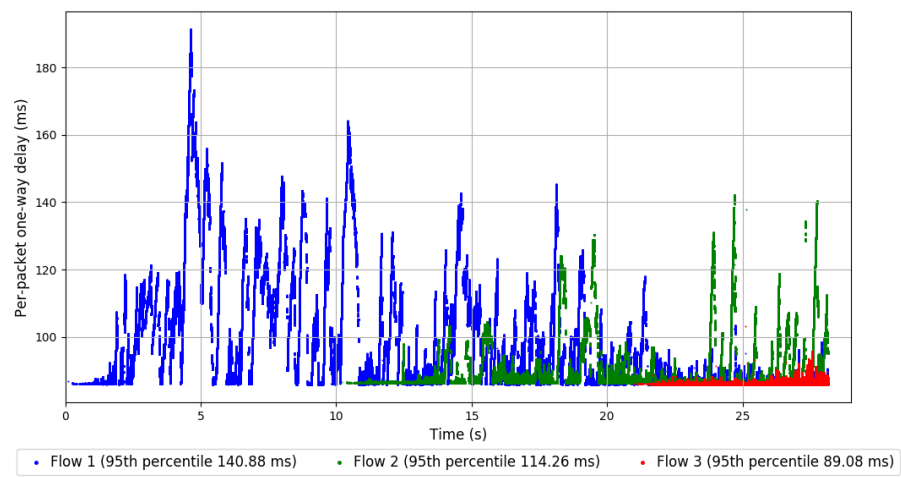
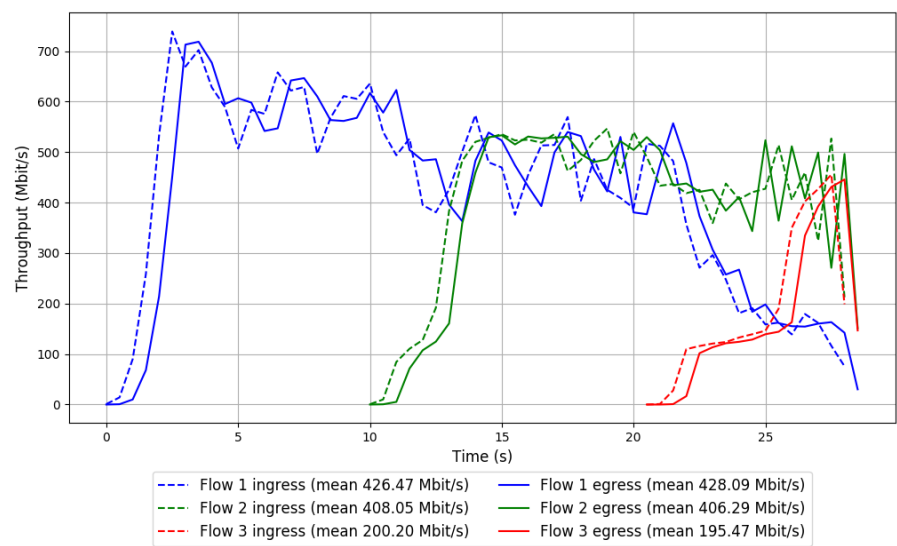


Run 5: Statistics of Indigo-MusesC5

Start at: 2019-07-12 05:34:27
End at: 2019-07-12 05:34:57
Local clock offset: 0.184 ms
Remote clock offset: -0.033 ms

Below is generated by plot.py at 2019-07-12 07:20:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 737.82 Mbit/s
95th percentile per-packet one-way delay: 133.690 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 428.09 Mbit/s
95th percentile per-packet one-way delay: 140.877 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 406.29 Mbit/s
95th percentile per-packet one-way delay: 114.261 ms
Loss rate: 1.37%
-- Flow 3:
Average throughput: 195.47 Mbit/s
95th percentile per-packet one-way delay: 89.077 ms
Loss rate: 4.64%

Run 5: Report of Indigo-MusesC5 — Data Link



Run 1: Statistics of Indigo-MusesD

Start at: 2019-07-12 02:51:20

End at: 2019-07-12 02:51:50

Local clock offset: -0.057 ms

Remote clock offset: 0.015 ms

Below is generated by plot.py at 2019-07-12 07:21:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 679.20 Mbit/s

95th percentile per-packet one-way delay: 105.201 ms

Loss rate: 1.01%

-- Flow 1:

Average throughput: 383.96 Mbit/s

95th percentile per-packet one-way delay: 106.566 ms

Loss rate: 0.52%

-- Flow 2:

Average throughput: 358.67 Mbit/s

95th percentile per-packet one-way delay: 103.407 ms

Loss rate: 1.16%

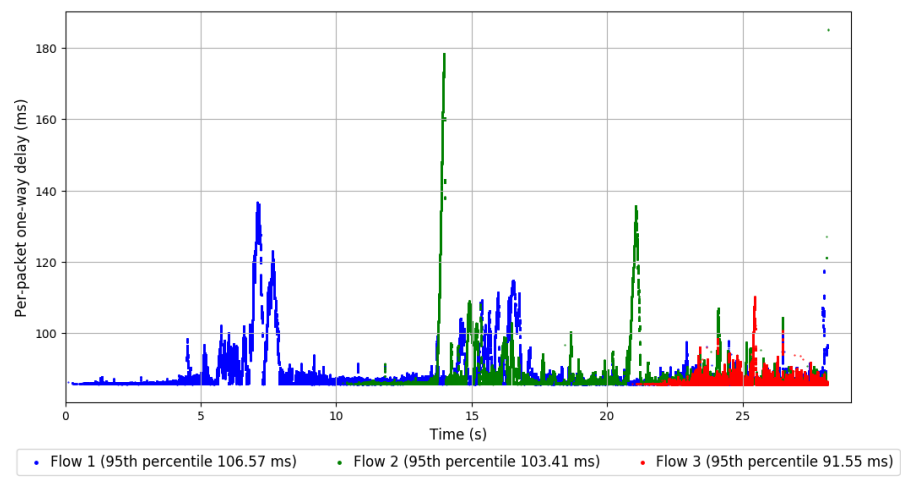
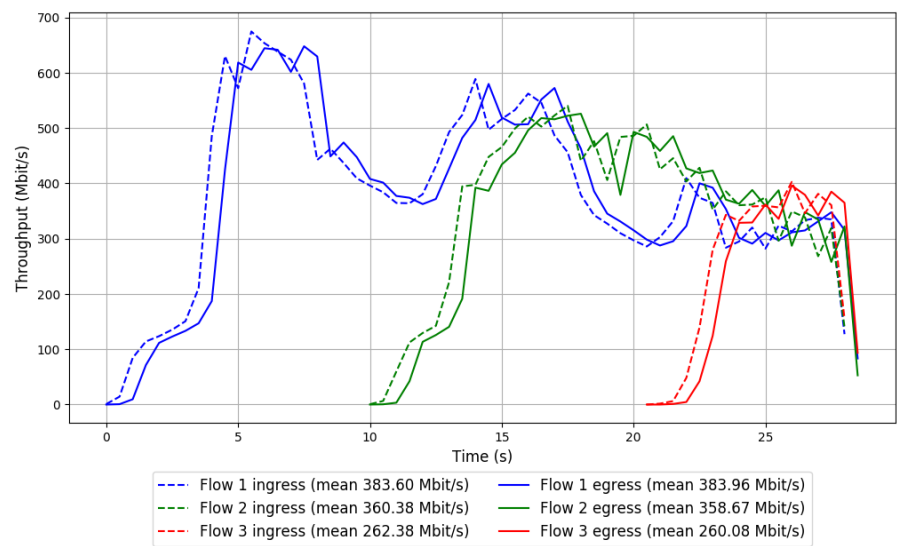
-- Flow 3:

Average throughput: 260.08 Mbit/s

95th percentile per-packet one-way delay: 91.545 ms

Loss rate: 3.19%

Run 1: Report of Indigo-MusesD — Data Link



Run 2: Statistics of Indigo-MusesD

Start at: 2019-07-12 03:33:17

End at: 2019-07-12 03:33:47

Local clock offset: -0.181 ms

Remote clock offset: -0.06 ms

Below is generated by plot.py at 2019-07-12 07:22:49

Datalink statistics

-- Total of 3 flows:

Average throughput: 671.43 Mbit/s

95th percentile per-packet one-way delay: 117.321 ms

Loss rate: 0.80%

-- Flow 1:

Average throughput: 396.40 Mbit/s

95th percentile per-packet one-way delay: 116.586 ms

Loss rate: 0.57%

-- Flow 2:

Average throughput: 397.92 Mbit/s

95th percentile per-packet one-way delay: 120.338 ms

Loss rate: 0.95%

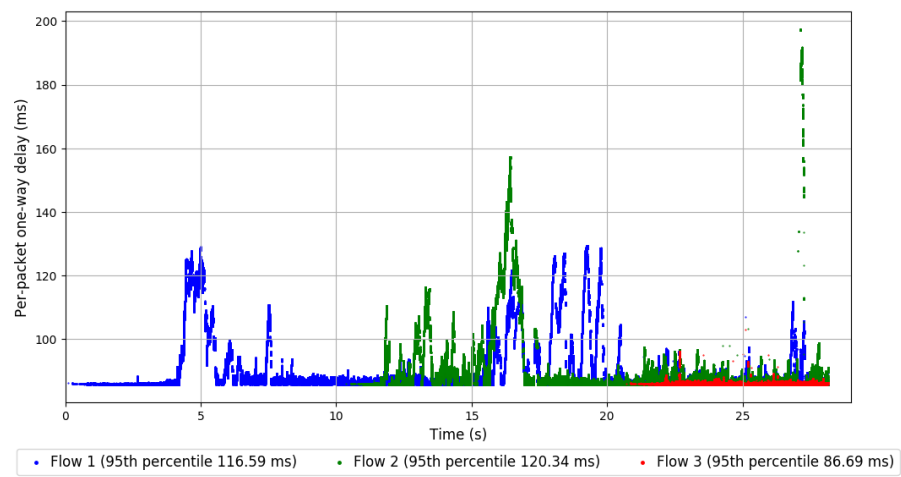
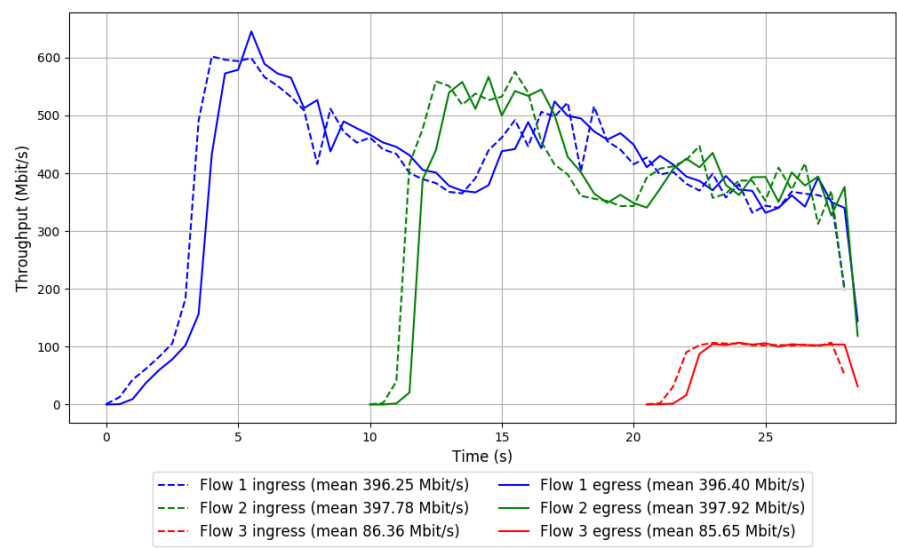
-- Flow 3:

Average throughput: 85.65 Mbit/s

95th percentile per-packet one-way delay: 86.692 ms

Loss rate: 3.01%

Run 2: Report of Indigo-MusesD — Data Link



Run 3: Statistics of Indigo-MusesD

Start at: 2019-07-12 04:14:58

End at: 2019-07-12 04:15:28

Local clock offset: 0.154 ms

Remote clock offset: 0.009 ms

Below is generated by plot.py at 2019-07-12 07:24:22

Datalink statistics

-- Total of 3 flows:

Average throughput: 703.14 Mbit/s

95th percentile per-packet one-way delay: 124.435 ms

Loss rate: 0.77%

-- Flow 1:

Average throughput: 453.32 Mbit/s

95th percentile per-packet one-way delay: 127.691 ms

Loss rate: 0.57%

-- Flow 2:

Average throughput: 273.55 Mbit/s

95th percentile per-packet one-way delay: 112.063 ms

Loss rate: 0.46%

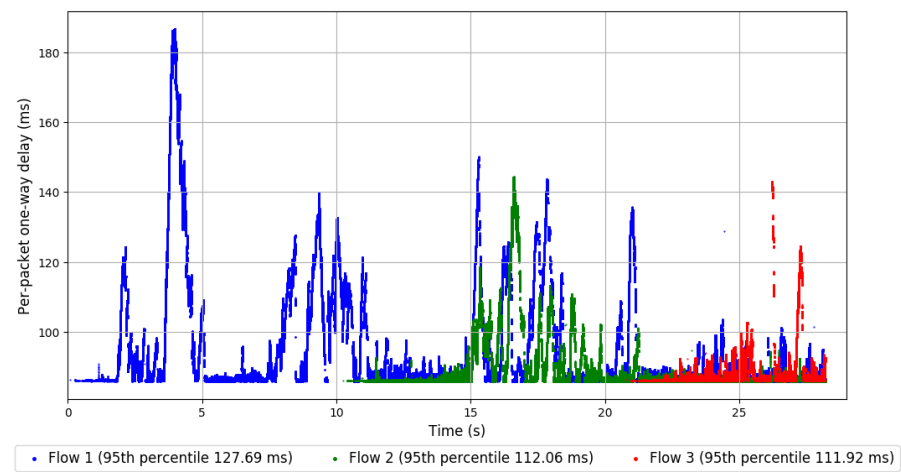
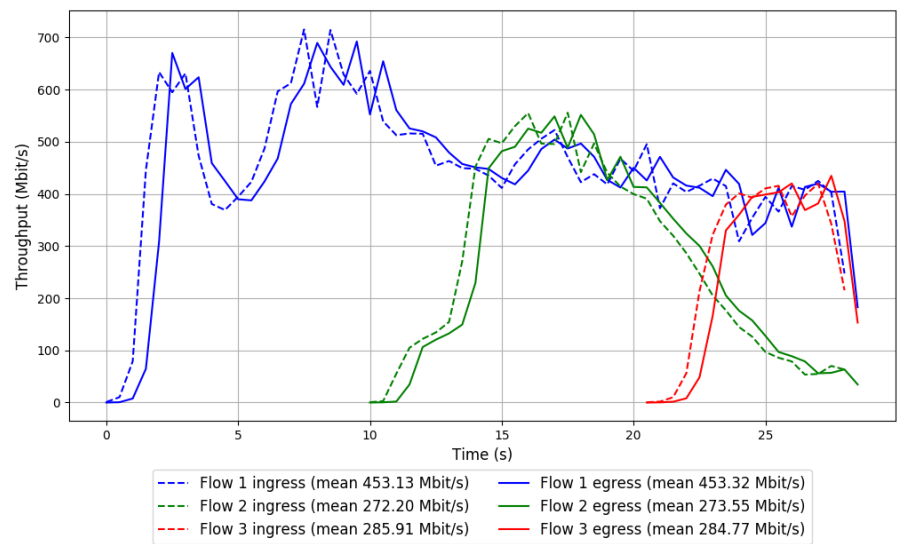
-- Flow 3:

Average throughput: 284.77 Mbit/s

95th percentile per-packet one-way delay: 111.916 ms

Loss rate: 2.68%

Run 3: Report of Indigo-MusesD — Data Link



Run 4: Statistics of Indigo-MusesD

Start at: 2019-07-12 04:56:32

End at: 2019-07-12 04:57:02

Local clock offset: 0.137 ms

Remote clock offset: 0.032 ms

Below is generated by plot.py at 2019-07-12 07:25:02

Datalink statistics

-- Total of 3 flows:

Average throughput: 731.27 Mbit/s

95th percentile per-packet one-way delay: 128.052 ms

Loss rate: 0.85%

-- Flow 1:

Average throughput: 426.48 Mbit/s

95th percentile per-packet one-way delay: 123.067 ms

Loss rate: 0.55%

-- Flow 2:

Average throughput: 382.82 Mbit/s

95th percentile per-packet one-way delay: 145.444 ms

Loss rate: 0.76%

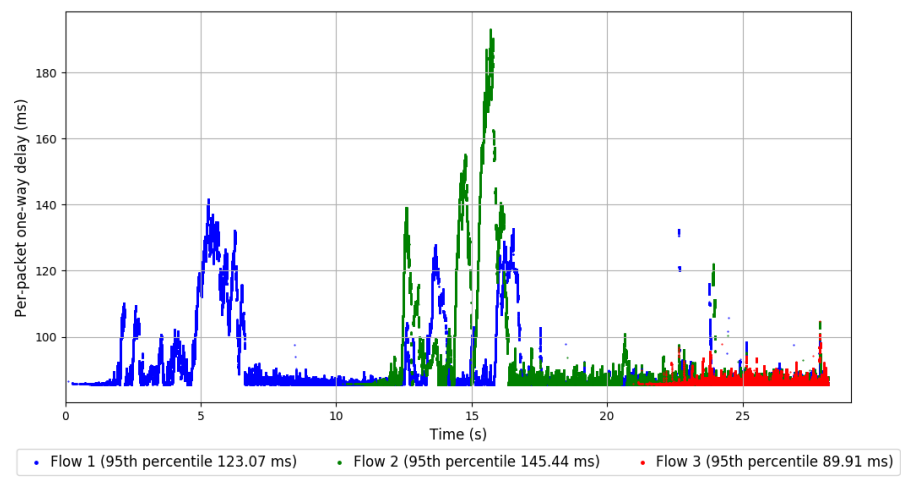
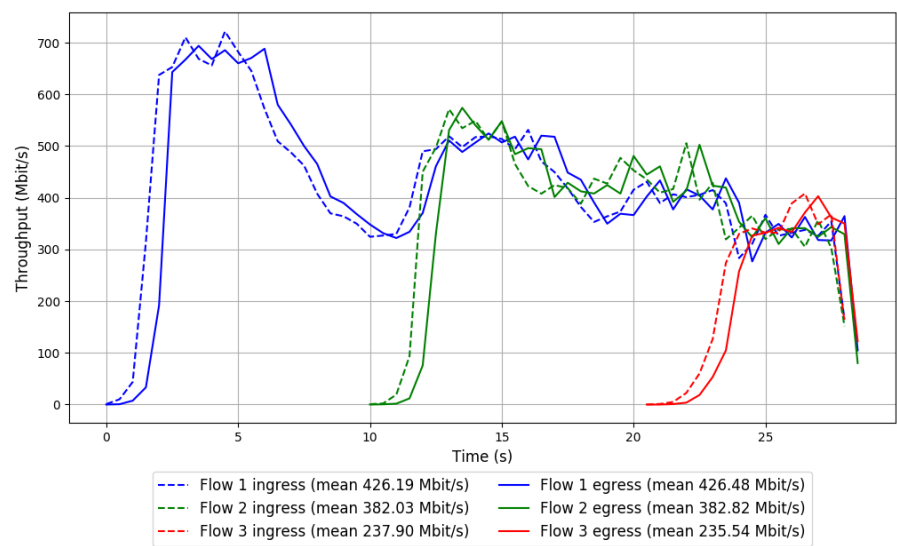
-- Flow 3:

Average throughput: 235.54 Mbit/s

95th percentile per-packet one-way delay: 89.910 ms

Loss rate: 3.32%

Run 4: Report of Indigo-MusesD — Data Link

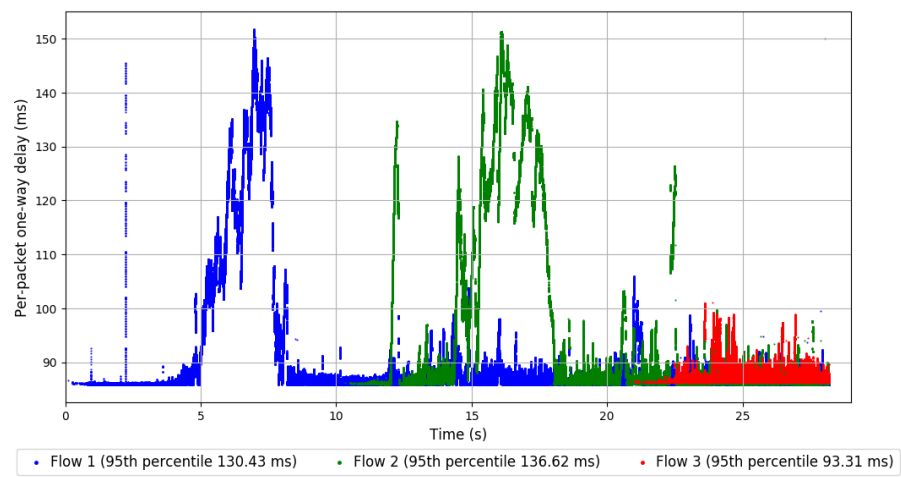
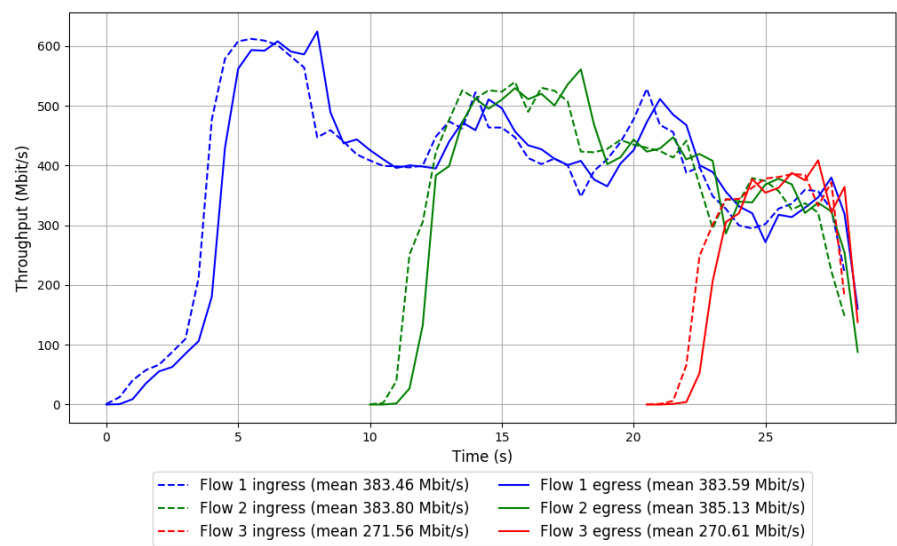


Run 5: Statistics of Indigo-MusesD

Start at: 2019-07-12 05:38:23
End at: 2019-07-12 05:38:53
Local clock offset: 0.102 ms
Remote clock offset: -0.046 ms

Below is generated by plot.py at 2019-07-12 07:25:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 698.89 Mbit/s
95th percentile per-packet one-way delay: 132.583 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 383.59 Mbit/s
95th percentile per-packet one-way delay: 130.426 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 385.13 Mbit/s
95th percentile per-packet one-way delay: 136.623 ms
Loss rate: 0.65%
-- Flow 3:
Average throughput: 270.61 Mbit/s
95th percentile per-packet one-way delay: 93.310 ms
Loss rate: 2.59%

Run 5: Report of Indigo-MusesD — Data Link

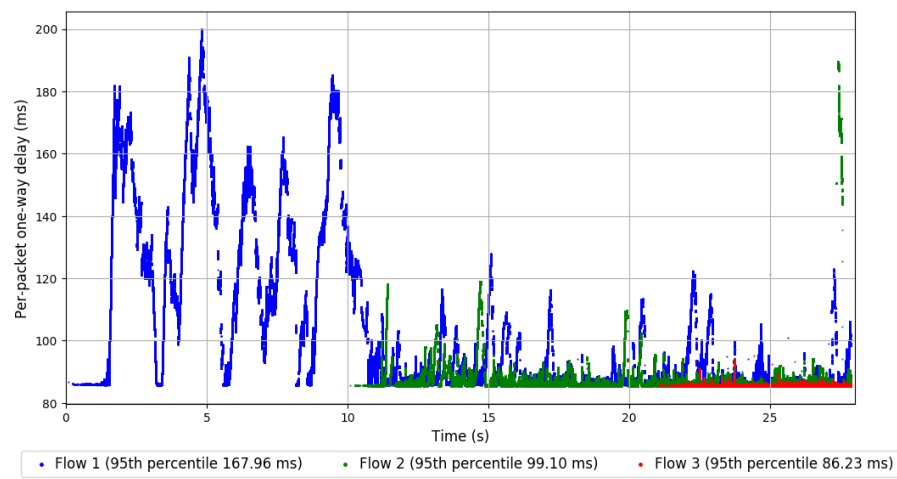
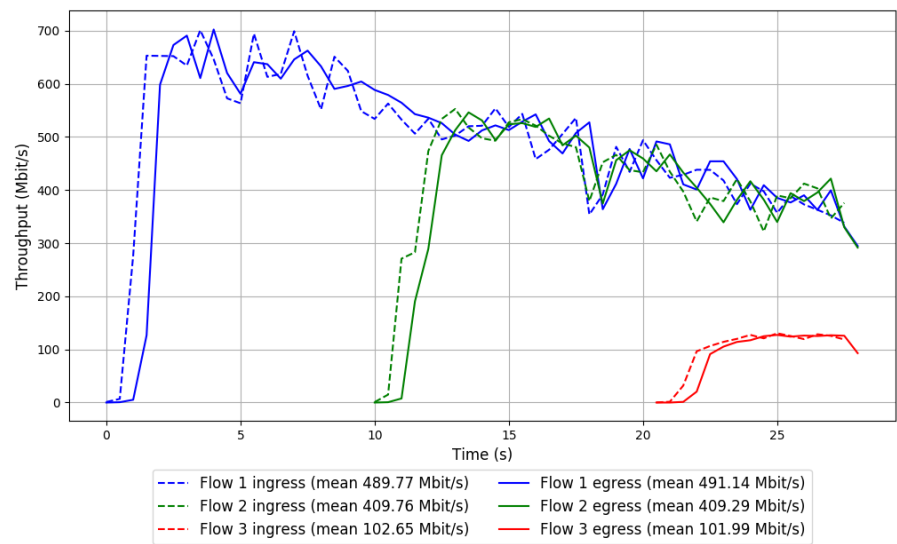


Run 1: Statistics of Indigo-MusesT

Start at: 2019-07-12 02:22:53
End at: 2019-07-12 02:23:23
Local clock offset: -0.345 ms
Remote clock offset: -0.003 ms

Below is generated by plot.py at 2019-07-12 07:26:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 778.48 Mbit/s
95th percentile per-packet one-way delay: 159.474 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 491.14 Mbit/s
95th percentile per-packet one-way delay: 167.958 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 409.29 Mbit/s
95th percentile per-packet one-way delay: 99.098 ms
Loss rate: 1.08%
-- Flow 3:
Average throughput: 101.99 Mbit/s
95th percentile per-packet one-way delay: 86.233 ms
Loss rate: 3.01%

Run 1: Report of Indigo-MusesT — Data Link

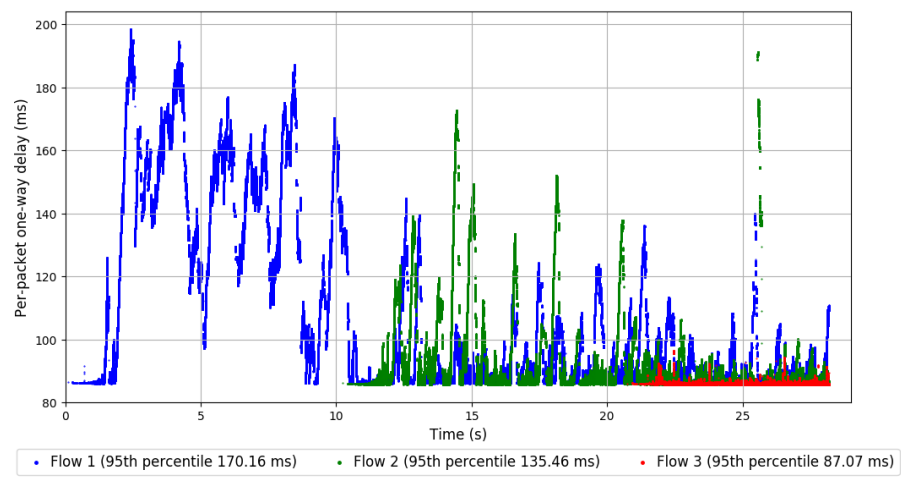
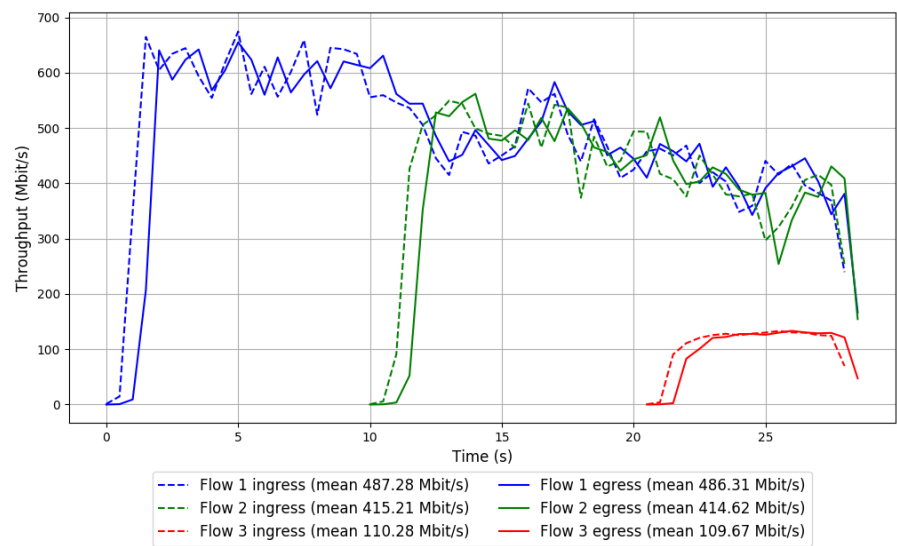


Run 2: Statistics of Indigo-MusesT

Start at: 2019-07-12 03:04:52
End at: 2019-07-12 03:05:22
Local clock offset: -0.036 ms
Remote clock offset: -0.034 ms

Below is generated by plot.py at 2019-07-12 07:33:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 779.89 Mbit/s
95th percentile per-packet one-way delay: 164.031 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 486.31 Mbit/s
95th percentile per-packet one-way delay: 170.157 ms
Loss rate: 0.81%
-- Flow 2:
Average throughput: 414.62 Mbit/s
95th percentile per-packet one-way delay: 135.460 ms
Loss rate: 1.10%
-- Flow 3:
Average throughput: 109.67 Mbit/s
95th percentile per-packet one-way delay: 87.067 ms
Loss rate: 2.73%

Run 2: Report of Indigo-MusesT — Data Link



Run 3: Statistics of Indigo-MusesT

Start at: 2019-07-12 03:46:36

End at: 2019-07-12 03:47:06

Local clock offset: 0.295 ms

Remote clock offset: 0.008 ms

Below is generated by plot.py at 2019-07-12 07:36:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 812.42 Mbit/s

95th percentile per-packet one-way delay: 164.884 ms

Loss rate: 0.97%

-- Flow 1:

Average throughput: 484.56 Mbit/s

95th percentile per-packet one-way delay: 174.333 ms

Loss rate: 0.83%

-- Flow 2:

Average throughput: 413.74 Mbit/s

95th percentile per-packet one-way delay: 134.616 ms

Loss rate: 0.52%

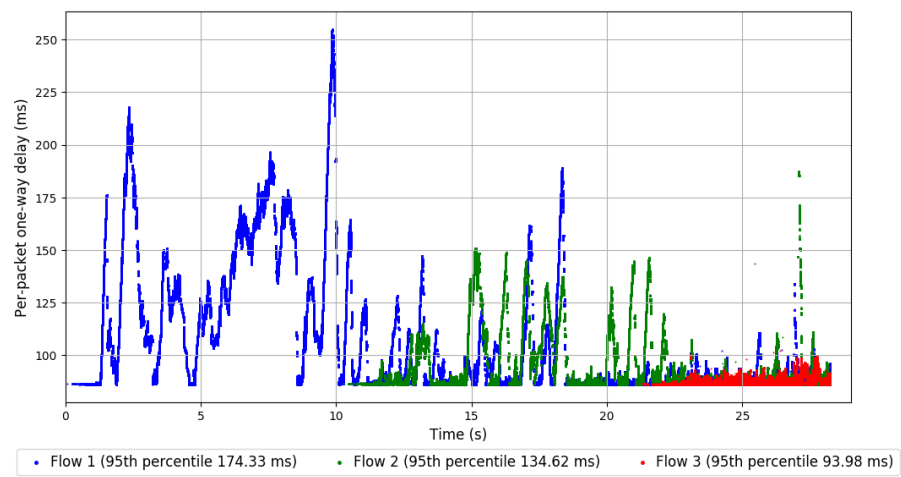
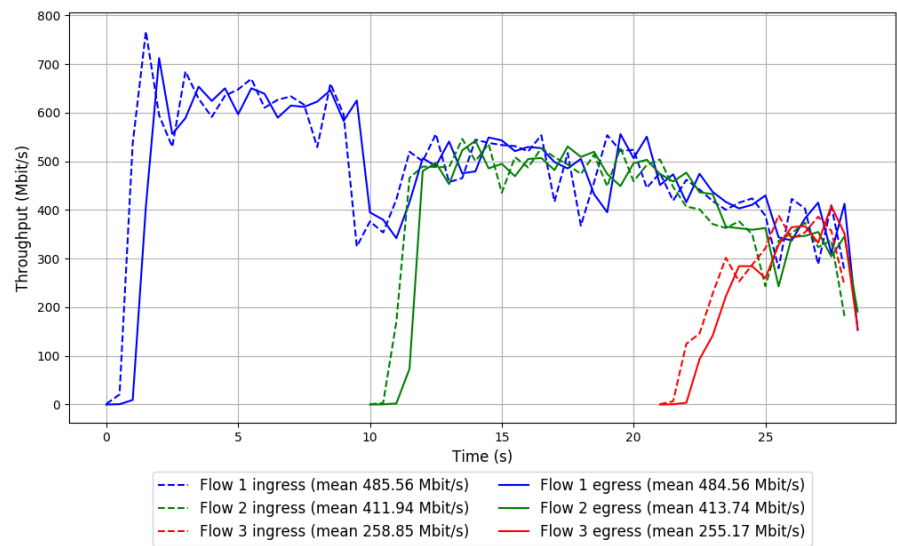
-- Flow 3:

Average throughput: 255.17 Mbit/s

95th percentile per-packet one-way delay: 93.981 ms

Loss rate: 3.79%

Run 3: Report of Indigo-MusesT — Data Link



Run 4: Statistics of Indigo-MusesT

Start at: 2019-07-12 04:28:27

End at: 2019-07-12 04:28:58

Local clock offset: -0.295 ms

Remote clock offset: 0.007 ms

Below is generated by plot.py at 2019-07-12 07:36:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 799.40 Mbit/s

95th percentile per-packet one-way delay: 137.412 ms

Loss rate: 0.84%

-- Flow 1:

Average throughput: 472.11 Mbit/s

95th percentile per-packet one-way delay: 146.429 ms

Loss rate: 0.58%

-- Flow 2:

Average throughput: 406.09 Mbit/s

95th percentile per-packet one-way delay: 109.975 ms

Loss rate: 0.80%

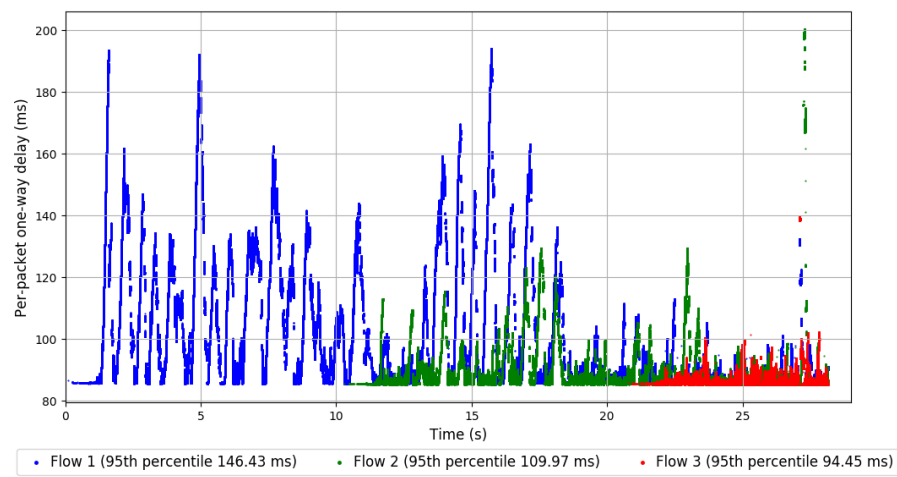
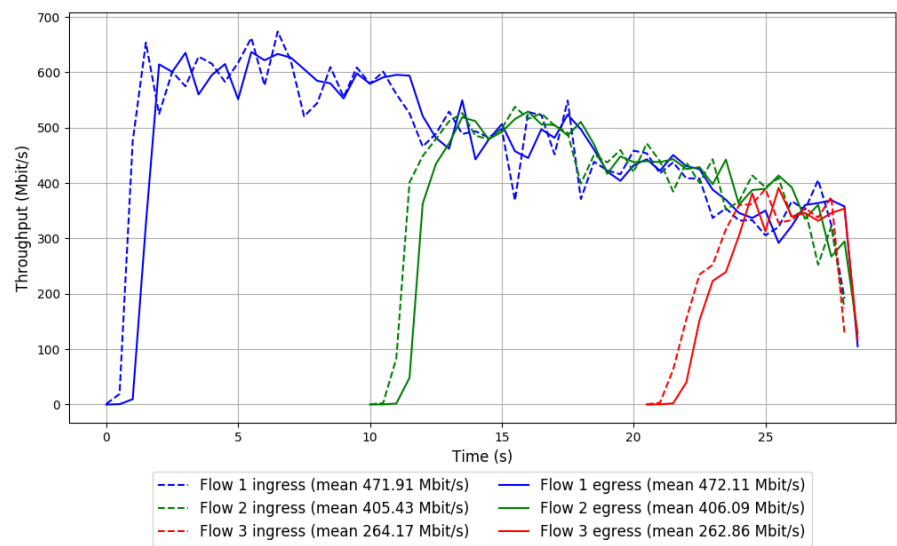
-- Flow 3:

Average throughput: 262.86 Mbit/s

95th percentile per-packet one-way delay: 94.447 ms

Loss rate: 2.77%

Run 4: Report of Indigo-MusesT — Data Link

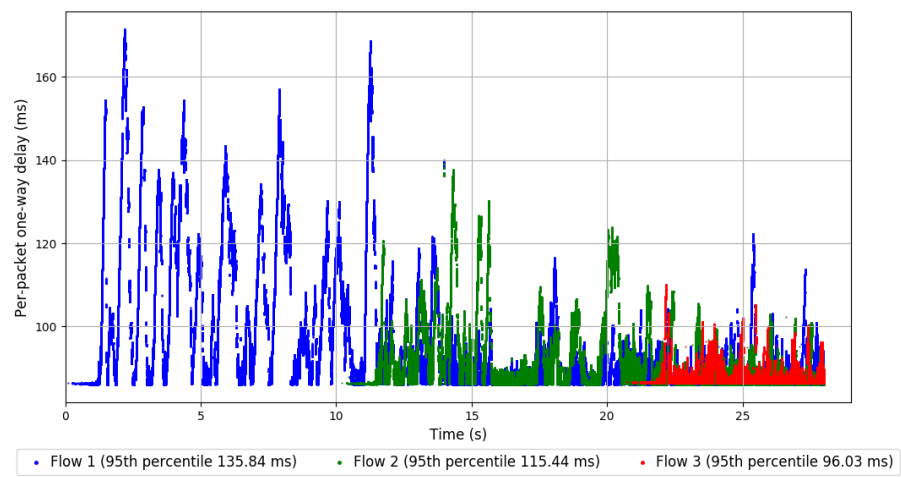
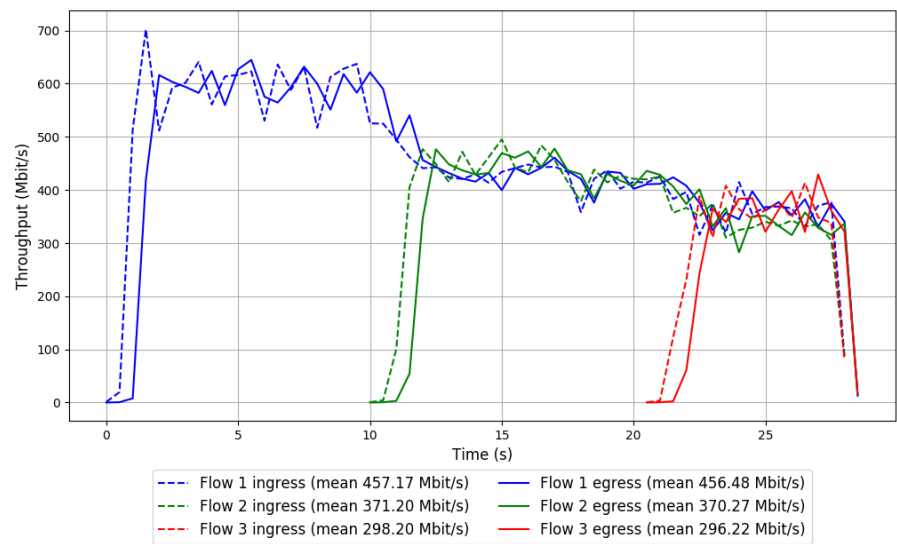


Run 5: Statistics of Indigo-MusesT

Start at: 2019-07-12 05:10:10
End at: 2019-07-12 05:10:40
Local clock offset: 0.5 ms
Remote clock offset: -0.018 ms

Below is generated by plot.py at 2019-07-12 07:36:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 769.64 Mbit/s
95th percentile per-packet one-way delay: 128.759 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 456.48 Mbit/s
95th percentile per-packet one-way delay: 135.839 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 370.27 Mbit/s
95th percentile per-packet one-way delay: 115.436 ms
Loss rate: 1.23%
-- Flow 3:
Average throughput: 296.22 Mbit/s
95th percentile per-packet one-way delay: 96.027 ms
Loss rate: 2.97%

Run 5: Report of Indigo-MusesT — Data Link

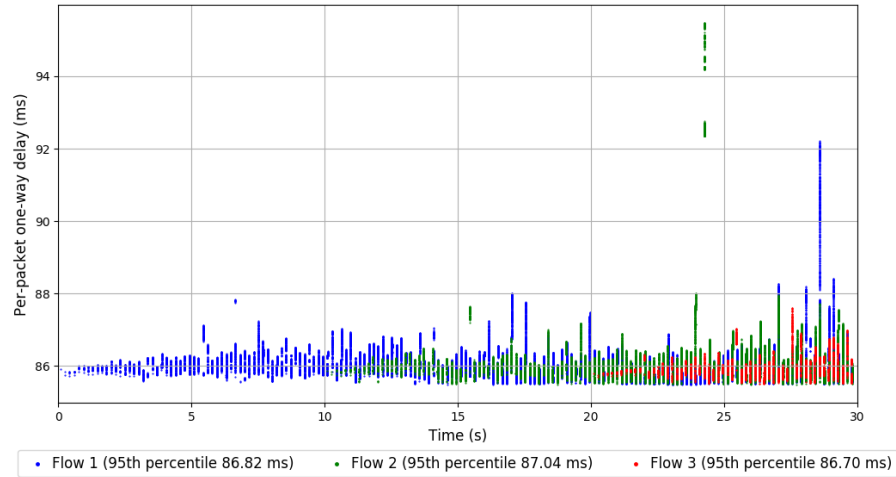
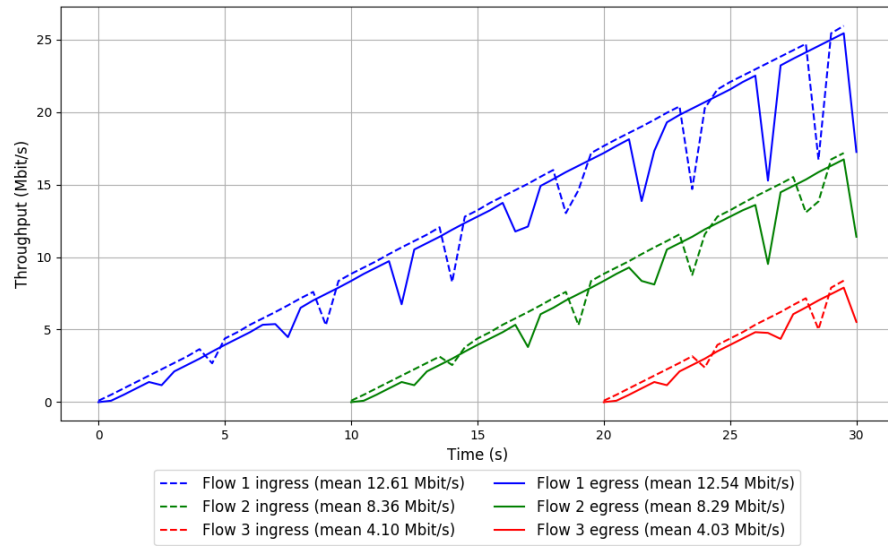


Run 1: Statistics of LEDBAT

Start at: 2019-07-12 02:36:32
End at: 2019-07-12 02:37:02
Local clock offset: -0.328 ms
Remote clock offset: -0.014 ms

Below is generated by plot.py at 2019-07-12 07:36:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 19.35 Mbit/s
95th percentile per-packet one-way delay: 86.865 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 12.54 Mbit/s
95th percentile per-packet one-way delay: 86.817 ms
Loss rate: 1.15%
-- Flow 2:
Average throughput: 8.29 Mbit/s
95th percentile per-packet one-way delay: 87.040 ms
Loss rate: 1.74%
-- Flow 3:
Average throughput: 4.03 Mbit/s
95th percentile per-packet one-way delay: 86.698 ms
Loss rate: 3.52%

Run 1: Report of LEDBAT — Data Link

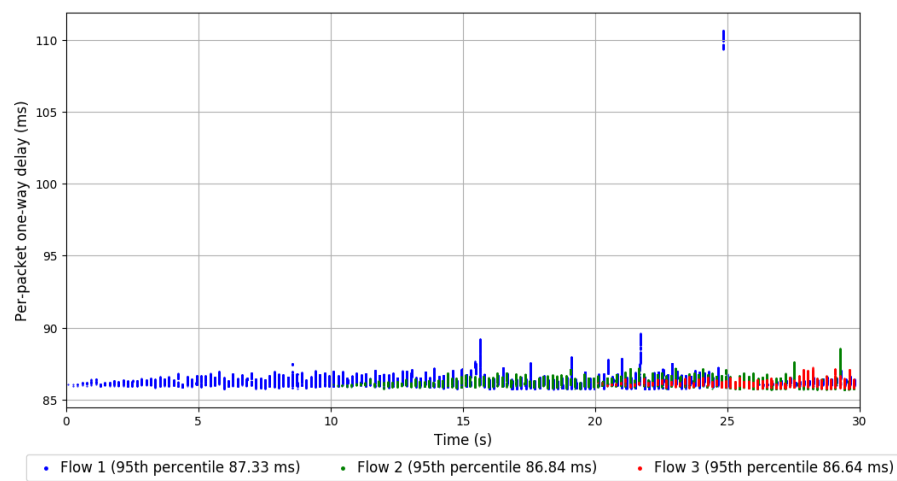
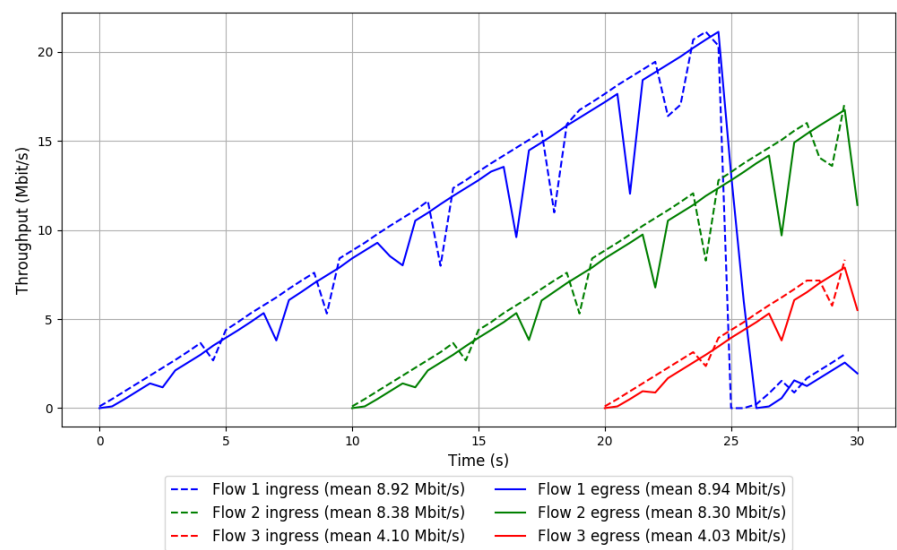


Run 2: Statistics of LEDBAT

Start at: 2019-07-12 03:18:31
End at: 2019-07-12 03:19:01
Local clock offset: -0.179 ms
Remote clock offset: -0.039 ms

Below is generated by plot.py at 2019-07-12 07:36:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 15.75 Mbit/s
95th percentile per-packet one-way delay: 87.029 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 8.94 Mbit/s
95th percentile per-packet one-way delay: 87.333 ms
Loss rate: 0.42%
-- Flow 2:
Average throughput: 8.30 Mbit/s
95th percentile per-packet one-way delay: 86.836 ms
Loss rate: 1.74%
-- Flow 3:
Average throughput: 4.03 Mbit/s
95th percentile per-packet one-way delay: 86.643 ms
Loss rate: 3.50%

Run 2: Report of LEDBAT — Data Link

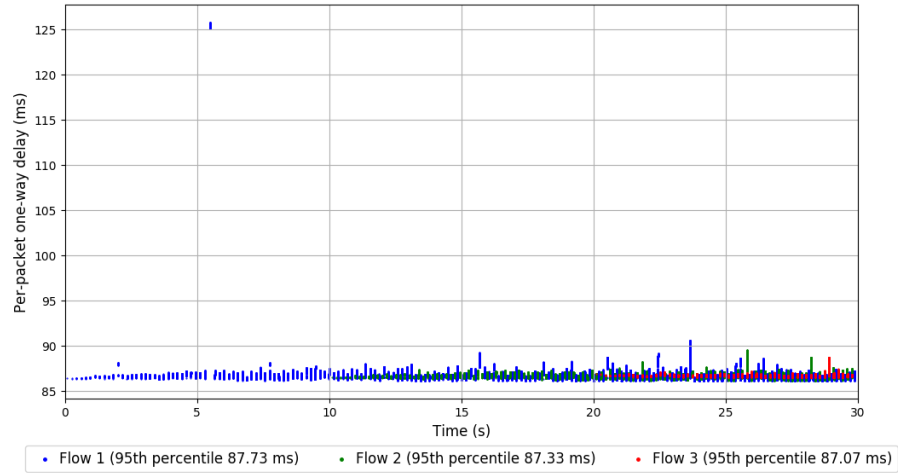
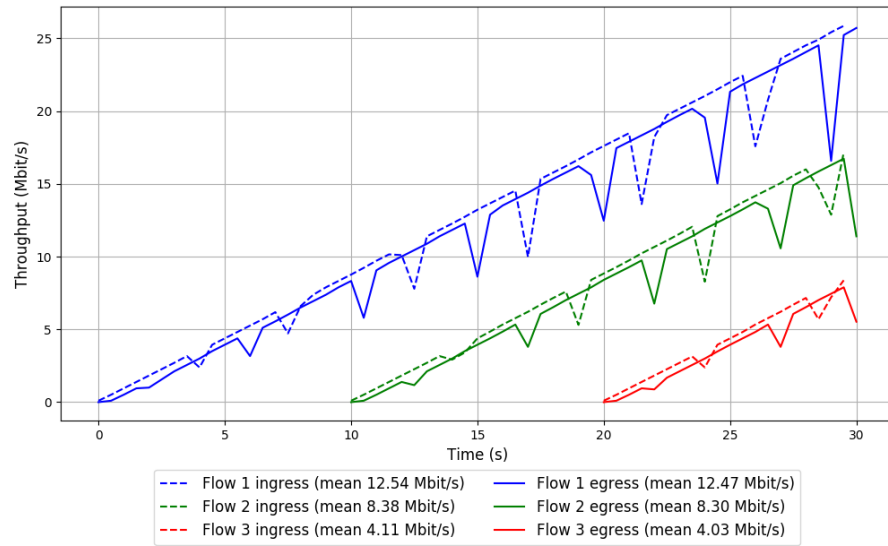


Run 3: Statistics of LEDBAT

Start at: 2019-07-12 04:00:21
End at: 2019-07-12 04:00:51
Local clock offset: 0.329 ms
Remote clock offset: -0.008 ms

Below is generated by plot.py at 2019-07-12 07:36:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 19.26 Mbit/s
95th percentile per-packet one-way delay: 87.550 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 12.47 Mbit/s
95th percentile per-packet one-way delay: 87.730 ms
Loss rate: 1.15%
-- Flow 2:
Average throughput: 8.30 Mbit/s
95th percentile per-packet one-way delay: 87.330 ms
Loss rate: 1.73%
-- Flow 3:
Average throughput: 4.03 Mbit/s
95th percentile per-packet one-way delay: 87.069 ms
Loss rate: 3.52%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2019-07-12 04:41:59

End at: 2019-07-12 04:42:29

Local clock offset: 0.135 ms

Remote clock offset: 0.04 ms

Below is generated by plot.py at 2019-07-12 07:36:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 19.30 Mbit/s

95th percentile per-packet one-way delay: 87.120 ms

Loss rate: 1.48%

-- Flow 1:

Average throughput: 12.50 Mbit/s

95th percentile per-packet one-way delay: 87.121 ms

Loss rate: 1.15%

-- Flow 2:

Average throughput: 8.29 Mbit/s

95th percentile per-packet one-way delay: 87.156 ms

Loss rate: 1.73%

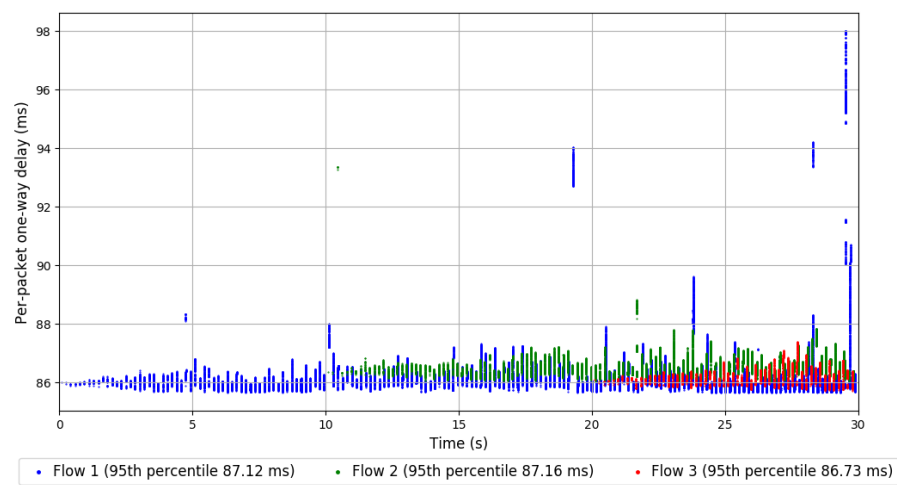
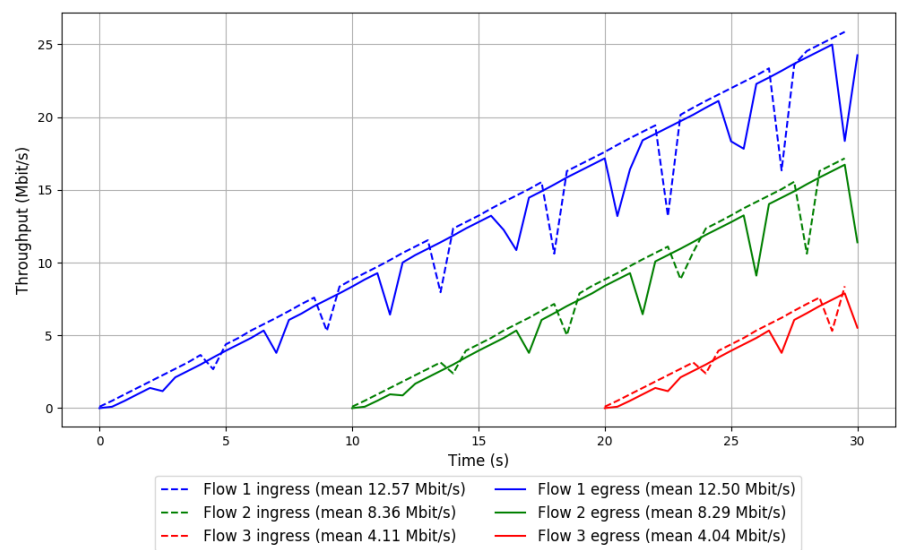
-- Flow 3:

Average throughput: 4.04 Mbit/s

95th percentile per-packet one-way delay: 86.728 ms

Loss rate: 3.52%

Run 4: Report of LEDBAT — Data Link

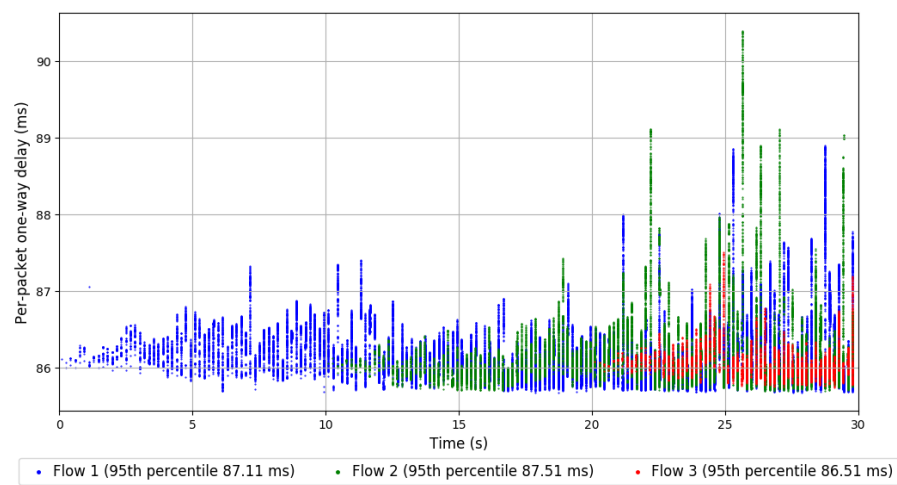
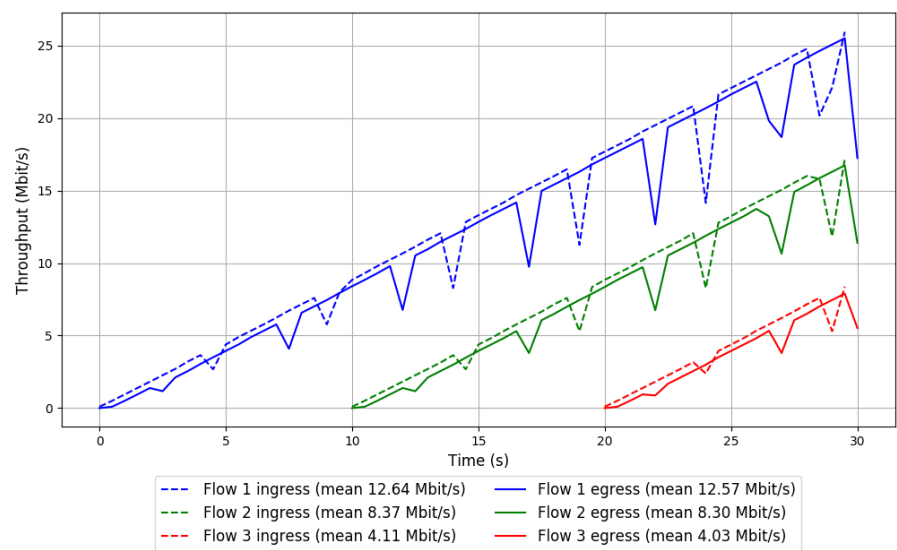


Run 5: Statistics of LEDBAT

Start at: 2019-07-12 05:23:49
End at: 2019-07-12 05:24:19
Local clock offset: -0.004 ms
Remote clock offset: -0.039 ms

Below is generated by plot.py at 2019-07-12 07:36:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 19.38 Mbit/s
95th percentile per-packet one-way delay: 87.166 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 12.57 Mbit/s
95th percentile per-packet one-way delay: 87.107 ms
Loss rate: 1.15%
-- Flow 2:
Average throughput: 8.30 Mbit/s
95th percentile per-packet one-way delay: 87.512 ms
Loss rate: 1.74%
-- Flow 3:
Average throughput: 4.03 Mbit/s
95th percentile per-packet one-way delay: 86.512 ms
Loss rate: 3.52%

Run 5: Report of LEDBAT — Data Link

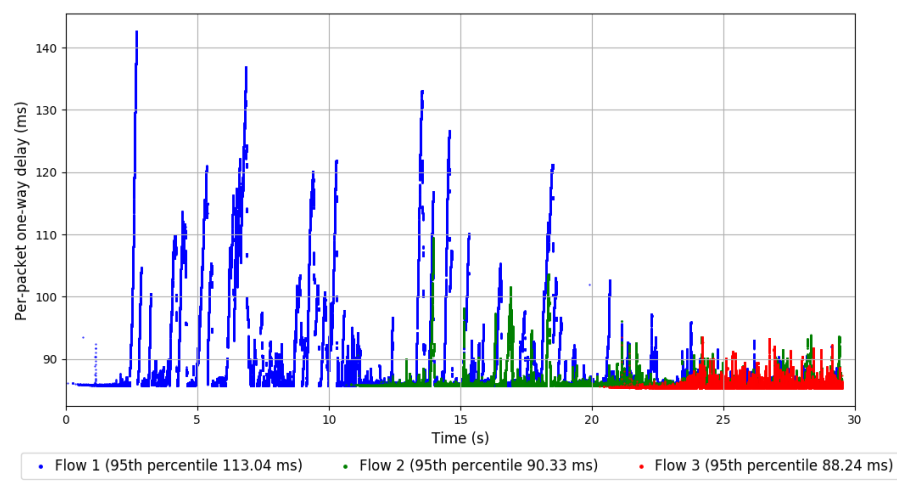
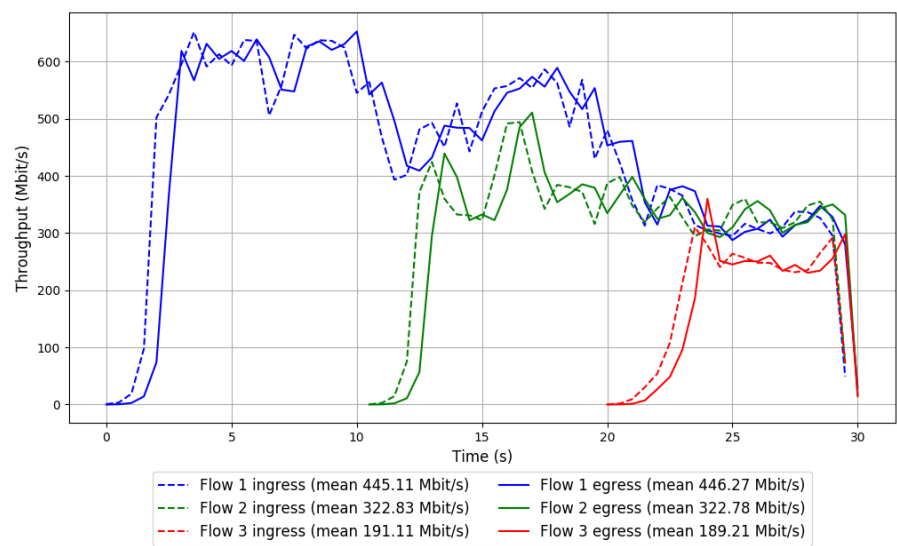


Run 1: Statistics of Muses_DecisionTree

Start at: 2019-07-12 02:39:45
End at: 2019-07-12 02:40:15
Local clock offset: -0.481 ms
Remote clock offset: -0.011 ms

Below is generated by plot.py at 2019-07-12 07:39:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 712.41 Mbit/s
95th percentile per-packet one-way delay: 107.613 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 446.27 Mbit/s
95th percentile per-packet one-way delay: 113.039 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 322.78 Mbit/s
95th percentile per-packet one-way delay: 90.325 ms
Loss rate: 0.93%
-- Flow 3:
Average throughput: 189.21 Mbit/s
95th percentile per-packet one-way delay: 88.239 ms
Loss rate: 2.80%

Run 1: Report of Muses_DecisionTree — Data Link

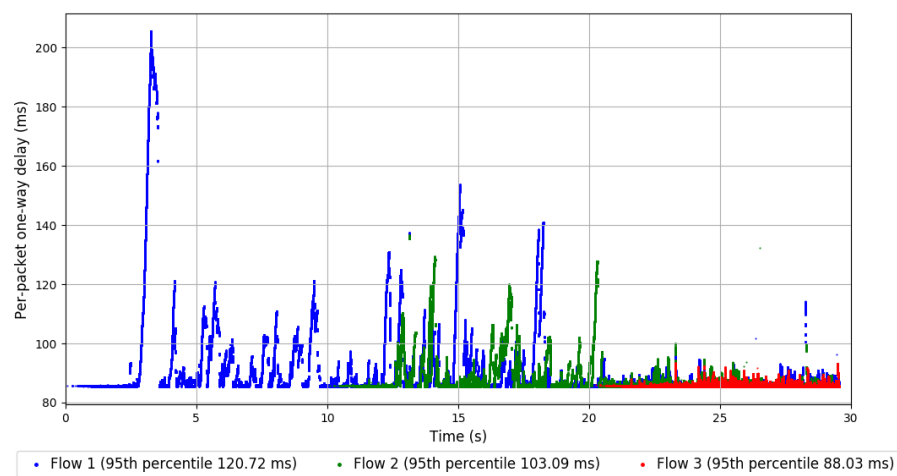
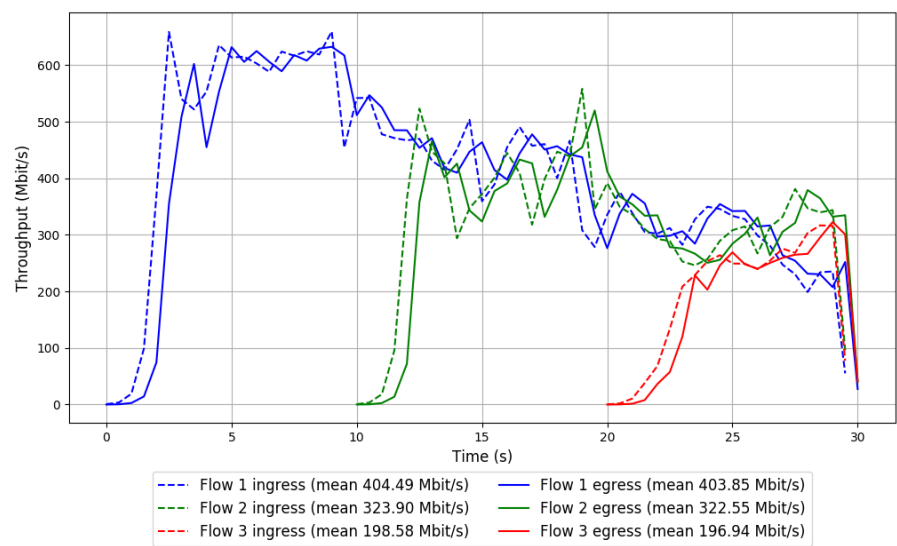


Run 2: Statistics of Muses_DecisionTree

Start at: 2019-07-12 03:21:43
End at: 2019-07-12 03:22:13
Local clock offset: -0.545 ms
Remote clock offset: -0.033 ms

Below is generated by plot.py at 2019-07-12 07:39:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 678.86 Mbit/s
95th percentile per-packet one-way delay: 111.682 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 403.85 Mbit/s
95th percentile per-packet one-way delay: 120.715 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 322.55 Mbit/s
95th percentile per-packet one-way delay: 103.088 ms
Loss rate: 1.29%
-- Flow 3:
Average throughput: 196.94 Mbit/s
95th percentile per-packet one-way delay: 88.035 ms
Loss rate: 2.63%

Run 2: Report of Muses_DecisionTree — Data Link

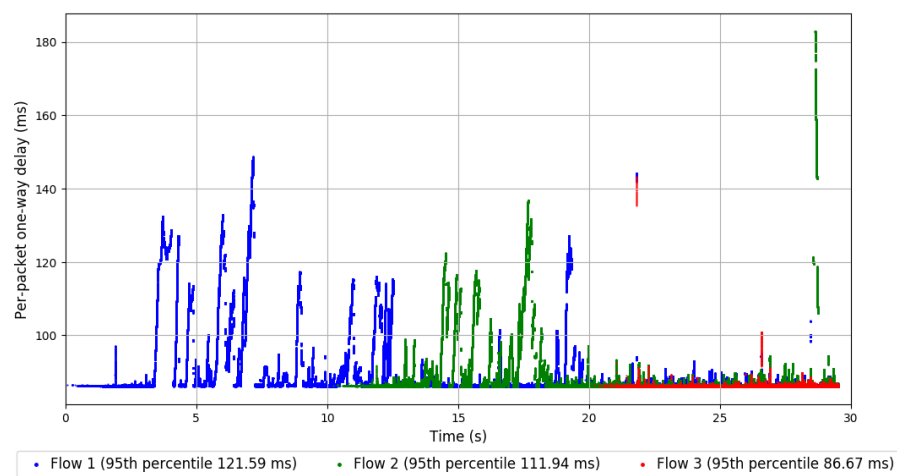
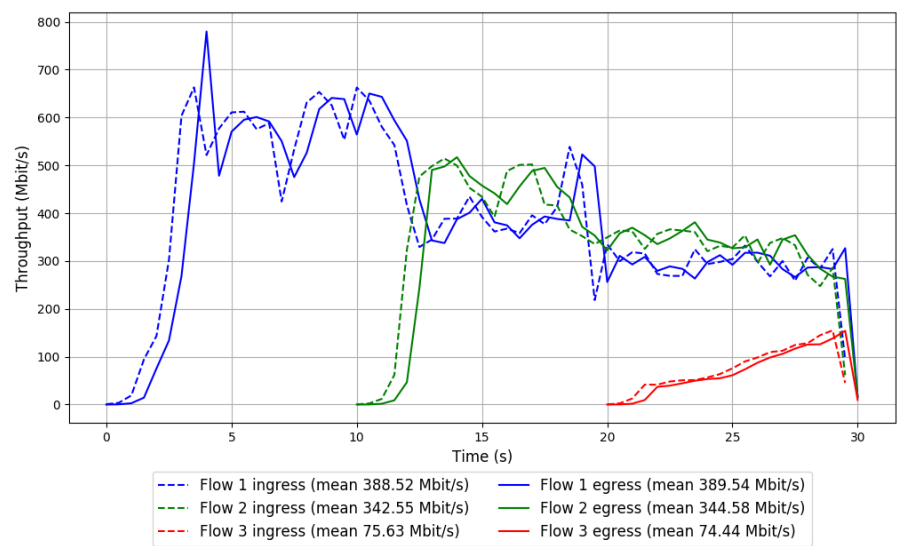


Run 3: Statistics of Muses_DecisionTree

Start at: 2019-07-12 04:03:34
End at: 2019-07-12 04:04:04
Local clock offset: 0.236 ms
Remote clock offset: -0.003 ms

Below is generated by plot.py at 2019-07-12 07:39:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 638.94 Mbit/s
95th percentile per-packet one-way delay: 118.535 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 389.54 Mbit/s
95th percentile per-packet one-way delay: 121.593 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 344.58 Mbit/s
95th percentile per-packet one-way delay: 111.938 ms
Loss rate: 0.81%
-- Flow 3:
Average throughput: 74.44 Mbit/s
95th percentile per-packet one-way delay: 86.667 ms
Loss rate: 4.51%

Run 3: Report of Muses_DecisionTree — Data Link



Run 4: Statistics of Muses_DecisionTree

Start at: 2019-07-12 04:45:14

End at: 2019-07-12 04:45:44

Local clock offset: 0.145 ms

Remote clock offset: 0.035 ms

Below is generated by plot.py at 2019-07-12 07:39:41

Datalink statistics

-- Total of 3 flows:

Average throughput: 654.34 Mbit/s

95th percentile per-packet one-way delay: 99.315 ms

Loss rate: 0.81%

-- Flow 1:

Average throughput: 391.46 Mbit/s

95th percentile per-packet one-way delay: 101.784 ms

Loss rate: 0.46%

-- Flow 2:

Average throughput: 281.04 Mbit/s

95th percentile per-packet one-way delay: 90.922 ms

Loss rate: 0.90%

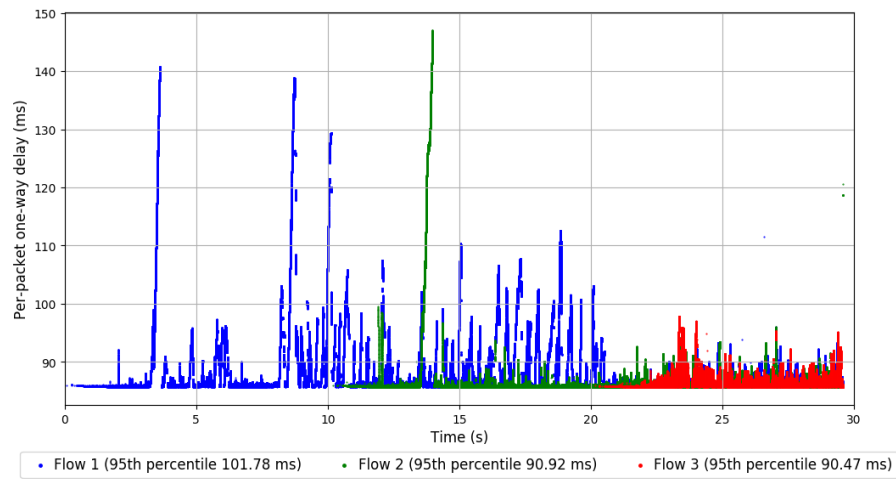
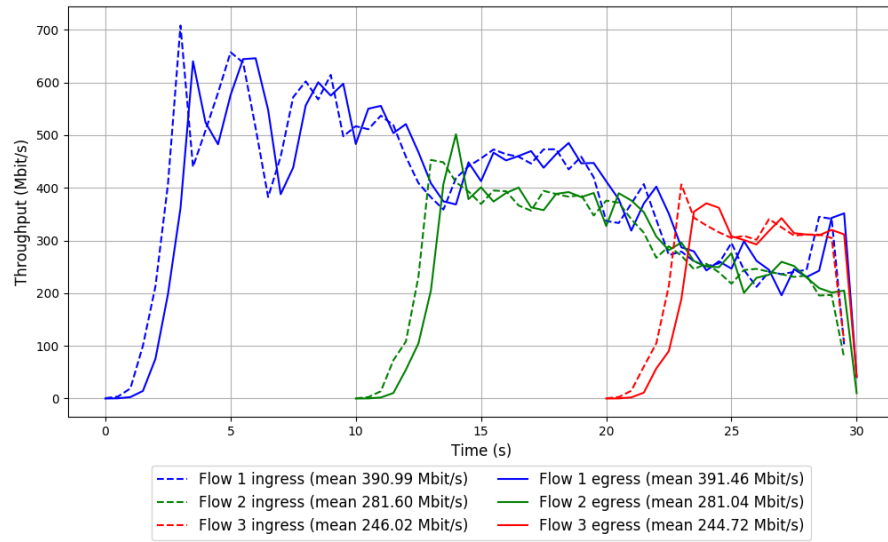
-- Flow 3:

Average throughput: 244.72 Mbit/s

95th percentile per-packet one-way delay: 90.468 ms

Loss rate: 2.33%

Run 4: Report of Muses_DecisionTree — Data Link

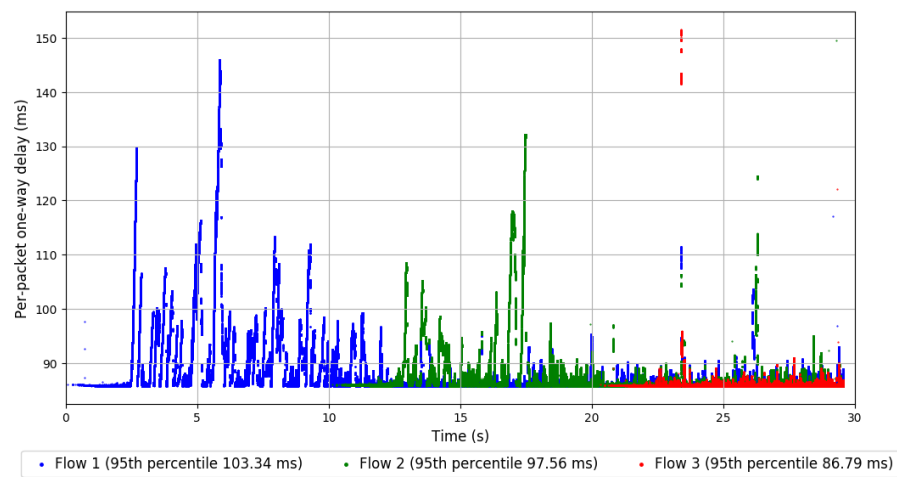
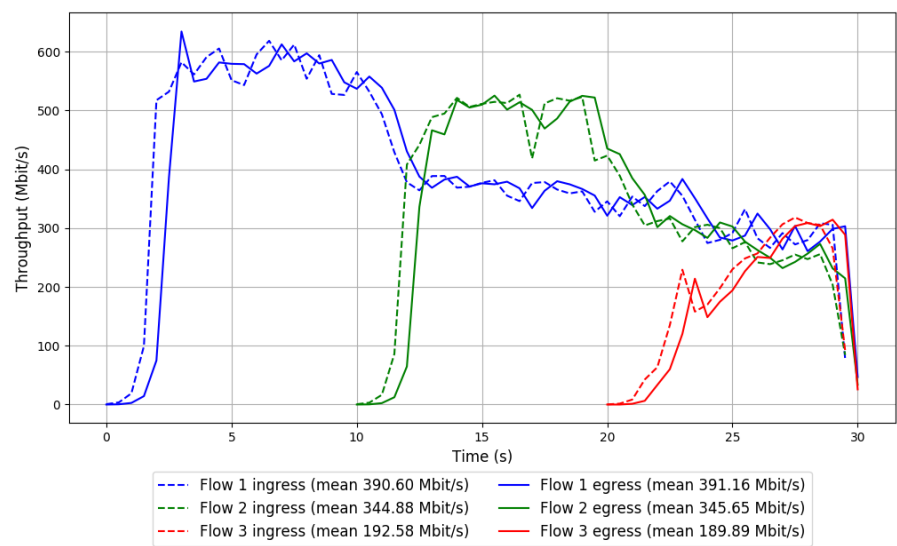


Run 5: Statistics of Muses_DecisionTree

Start at: 2019-07-12 05:27:03
End at: 2019-07-12 05:27:33
Local clock offset: 0.011 ms
Remote clock offset: -0.028 ms

Below is generated by plot.py at 2019-07-12 07:47:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 678.47 Mbit/s
95th percentile per-packet one-way delay: 100.315 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 391.16 Mbit/s
95th percentile per-packet one-way delay: 103.345 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 345.65 Mbit/s
95th percentile per-packet one-way delay: 97.557 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 189.89 Mbit/s
95th percentile per-packet one-way delay: 86.793 ms
Loss rate: 3.20%

Run 5: Report of Muses_DecisionTree — Data Link



Run 1: Statistics of Muses_DecisionTreeH0

Start at: 2019-07-12 02:45:34

End at: 2019-07-12 02:46:04

Local clock offset: -0.1 ms

Remote clock offset: 0.02 ms

Below is generated by plot.py at 2019-07-12 07:48:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 675.92 Mbit/s

95th percentile per-packet one-way delay: 140.021 ms

Loss rate: 0.79%

-- Flow 1:

Average throughput: 399.14 Mbit/s

95th percentile per-packet one-way delay: 134.070 ms

Loss rate: 0.78%

-- Flow 2:

Average throughput: 353.42 Mbit/s

95th percentile per-packet one-way delay: 152.577 ms

Loss rate: 0.25%

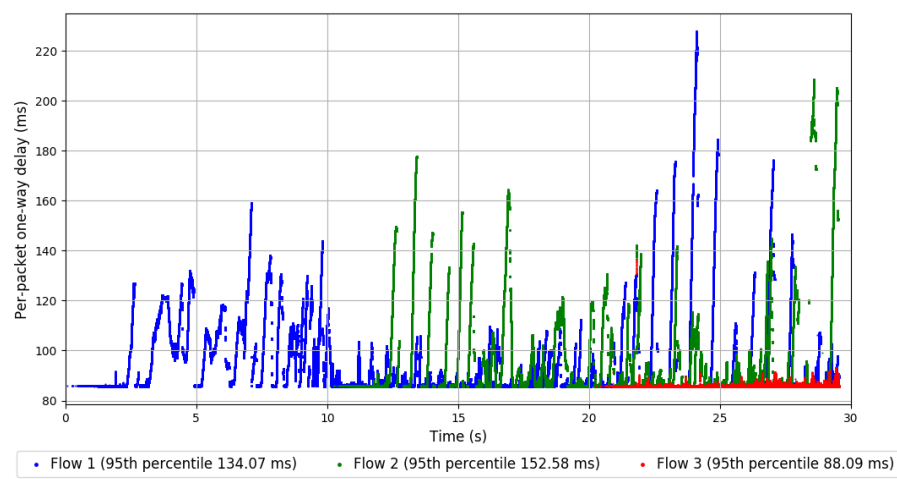
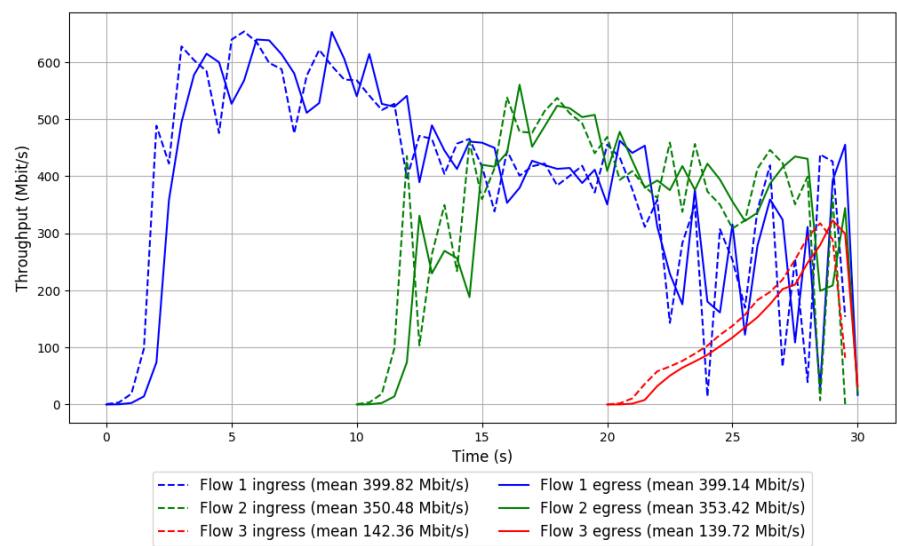
-- Flow 3:

Average throughput: 139.72 Mbit/s

95th percentile per-packet one-way delay: 88.086 ms

Loss rate: 3.64%

Run 1: Report of Muses_DecisionTreeH0 — Data Link

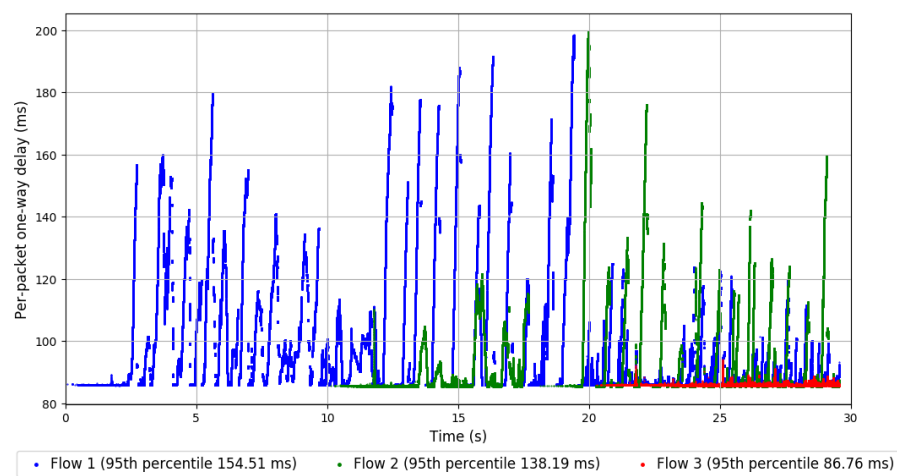
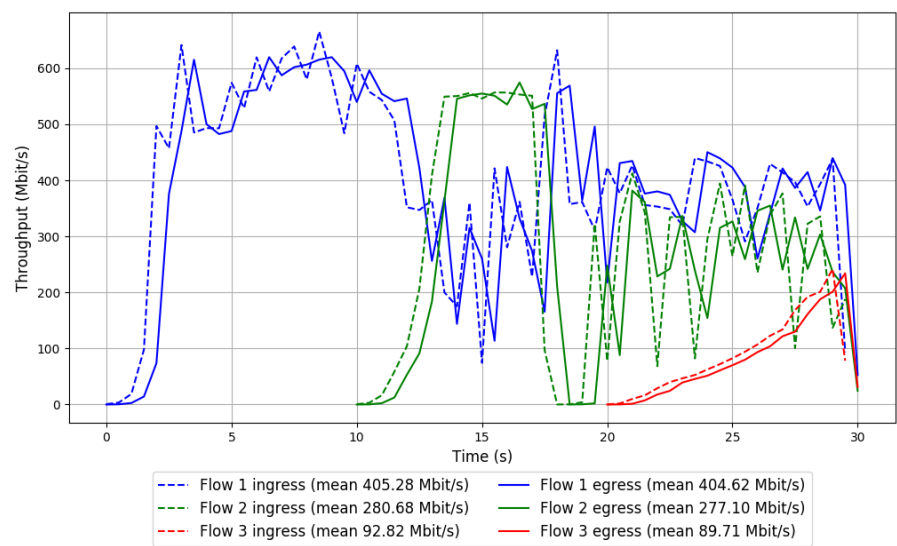


Run 2: Statistics of Muses_DecisionTreeH0

Start at: 2019-07-12 03:27:39
End at: 2019-07-12 03:28:09
Local clock offset: -0.435 ms
Remote clock offset: -0.039 ms

Below is generated by plot.py at 2019-07-12 07:48:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 615.53 Mbit/s
95th percentile per-packet one-way delay: 150.208 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 404.62 Mbit/s
95th percentile per-packet one-way delay: 154.506 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 277.10 Mbit/s
95th percentile per-packet one-way delay: 138.188 ms
Loss rate: 2.13%
-- Flow 3:
Average throughput: 89.71 Mbit/s
95th percentile per-packet one-way delay: 86.759 ms
Loss rate: 5.12%

Run 2: Report of Muses_DecisionTreeH0 — Data Link



Run 3: Statistics of Muses_DecisionTreeH0

Start at: 2019-07-12 04:09:18

End at: 2019-07-12 04:09:48

Local clock offset: 0.122 ms

Remote clock offset: 0.009 ms

Below is generated by plot.py at 2019-07-12 07:48:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 624.74 Mbit/s

95th percentile per-packet one-way delay: 156.860 ms

Loss rate: 1.05%

-- Flow 1:

Average throughput: 343.75 Mbit/s

95th percentile per-packet one-way delay: 169.157 ms

Loss rate: 0.99%

-- Flow 2:

Average throughput: 331.20 Mbit/s

95th percentile per-packet one-way delay: 127.124 ms

Loss rate: 0.11%

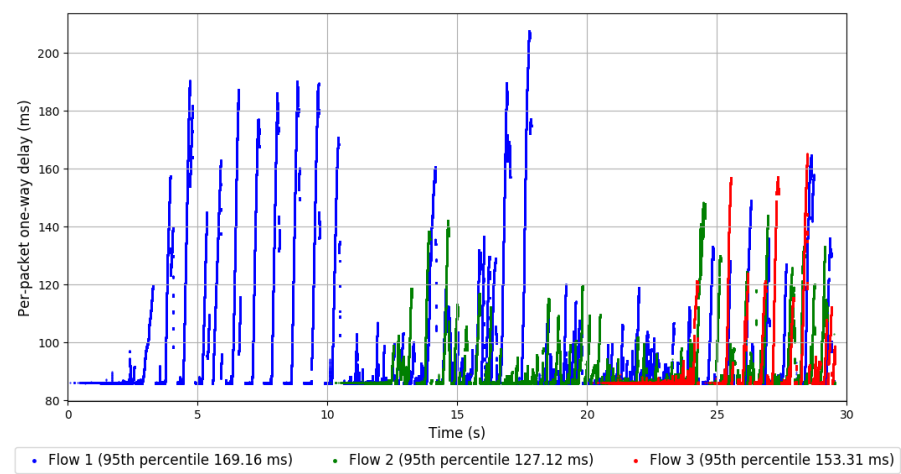
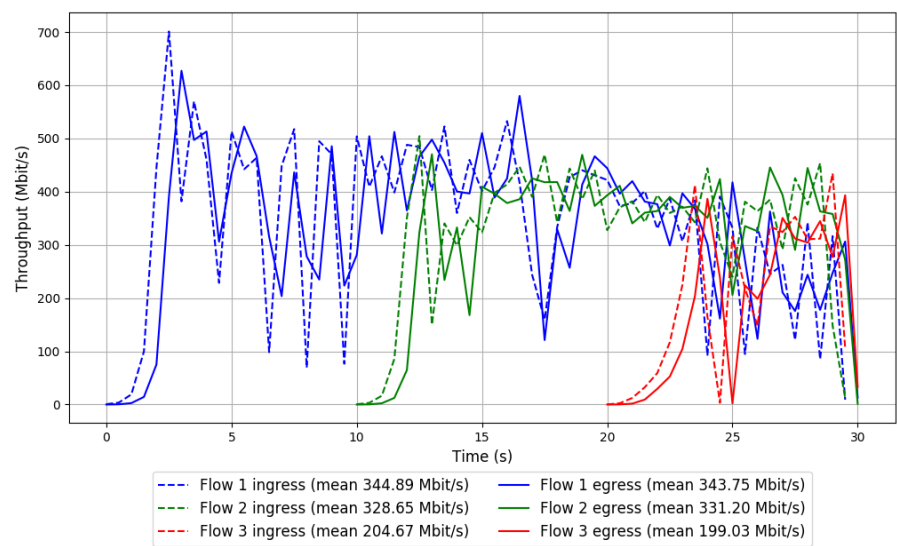
-- Flow 3:

Average throughput: 199.03 Mbit/s

95th percentile per-packet one-way delay: 153.314 ms

Loss rate: 4.52%

Run 3: Report of Muses_DecisionTreeH0 — Data Link



Run 4: Statistics of Muses_DecisionTreeH0

Start at: 2019-07-12 04:51:04

End at: 2019-07-12 04:51:34

Local clock offset: 0.232 ms

Remote clock offset: 0.017 ms

Below is generated by plot.py at 2019-07-12 07:49:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 552.67 Mbit/s

95th percentile per-packet one-way delay: 185.806 ms

Loss rate: 3.23%

-- Flow 1:

Average throughput: 282.61 Mbit/s

95th percentile per-packet one-way delay: 191.856 ms

Loss rate: 2.60%

-- Flow 2:

Average throughput: 294.17 Mbit/s

95th percentile per-packet one-way delay: 184.558 ms

Loss rate: 4.41%

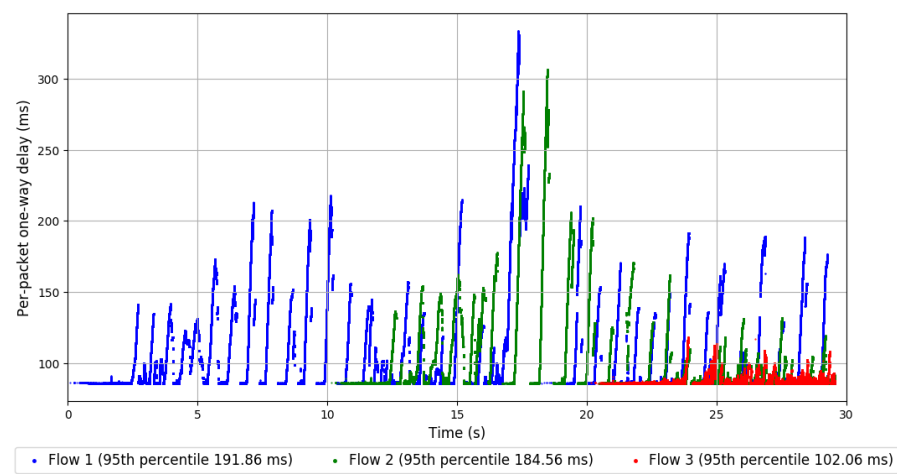
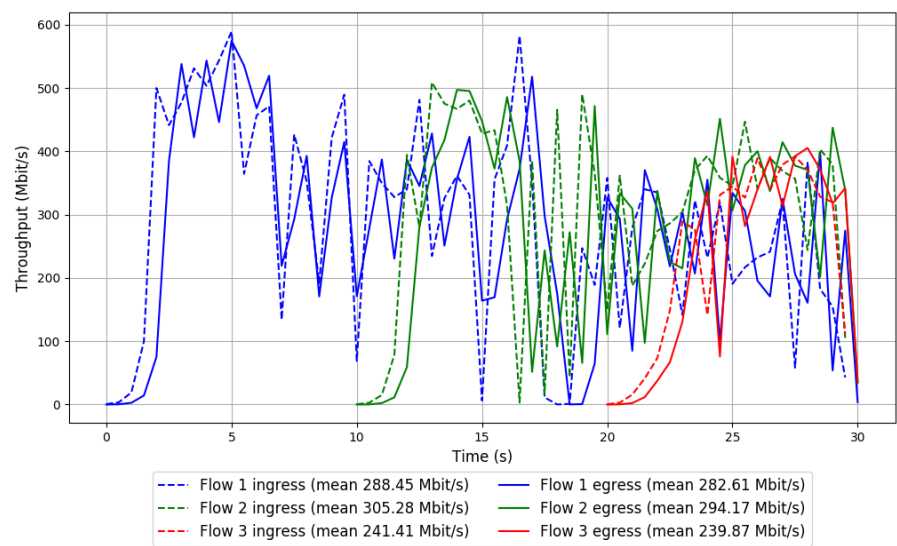
-- Flow 3:

Average throughput: 239.87 Mbit/s

95th percentile per-packet one-way delay: 102.055 ms

Loss rate: 2.52%

Run 4: Report of Muses_DecisionTreeH0 — Data Link

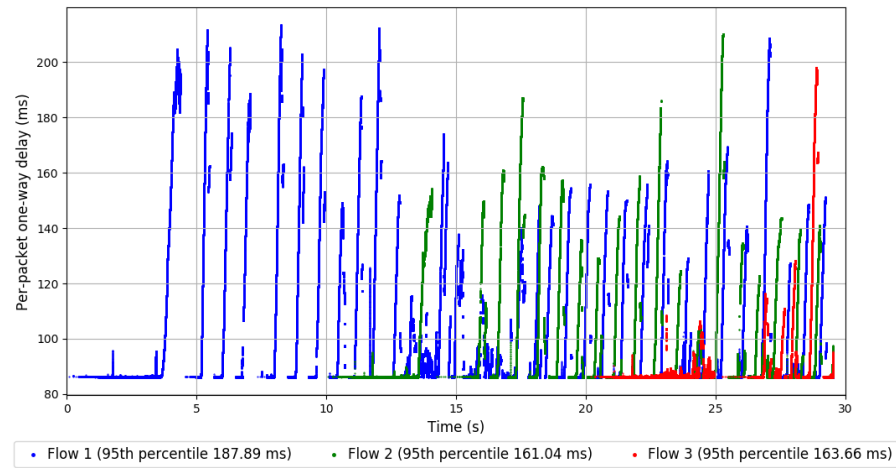
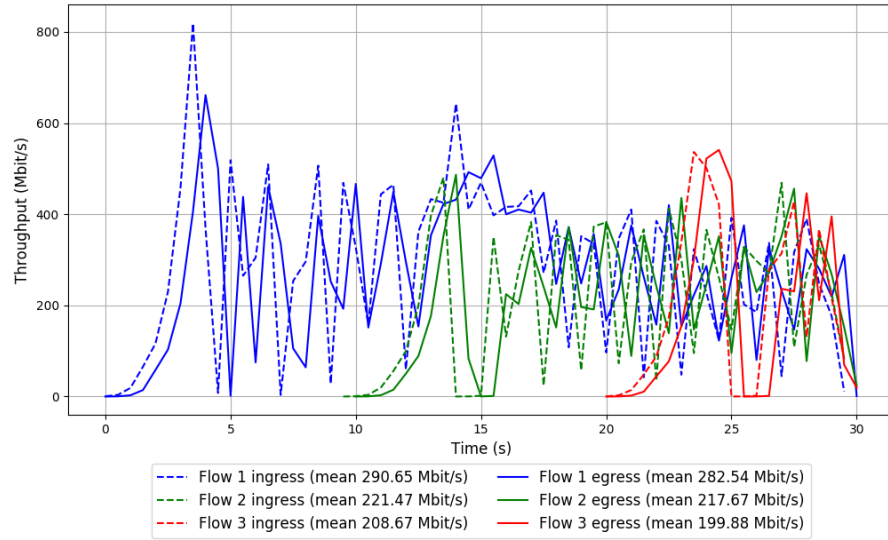


Run 5: Statistics of Muses_DecisionTreeH0

Start at: 2019-07-12 05:32:44
End at: 2019-07-12 05:33:14
Local clock offset: 0.229 ms
Remote clock offset: -0.062 ms

Below is generated by plot.py at 2019-07-12 07:49:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 489.81 Mbit/s
95th percentile per-packet one-way delay: 181.633 ms
Loss rate: 3.32%
-- Flow 1:
Average throughput: 282.54 Mbit/s
95th percentile per-packet one-way delay: 187.889 ms
Loss rate: 3.35%
-- Flow 2:
Average throughput: 217.67 Mbit/s
95th percentile per-packet one-way delay: 161.042 ms
Loss rate: 2.34%
-- Flow 3:
Average throughput: 199.88 Mbit/s
95th percentile per-packet one-way delay: 163.661 ms
Loss rate: 5.30%

Run 5: Report of Muses_DecisionTreeH0 — Data Link

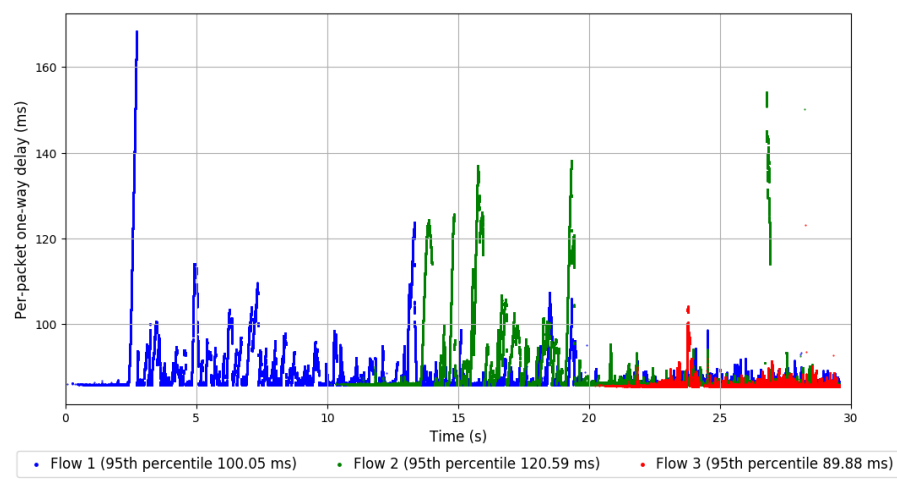
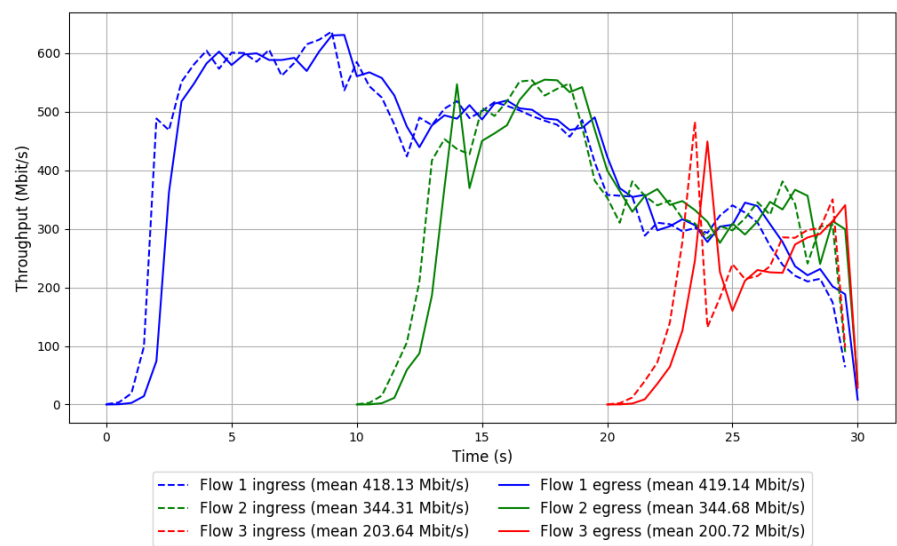


Run 1: Statistics of Muses_DecisionTreeR0

Start at: 2019-07-12 02:27:44
End at: 2019-07-12 02:28:14
Local clock offset: -0.327 ms
Remote clock offset: -0.032 ms

Below is generated by plot.py at 2019-07-12 07:52:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 709.61 Mbit/s
95th percentile per-packet one-way delay: 104.274 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 419.14 Mbit/s
95th percentile per-packet one-way delay: 100.048 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 344.68 Mbit/s
95th percentile per-packet one-way delay: 120.589 ms
Loss rate: 0.78%
-- Flow 3:
Average throughput: 200.72 Mbit/s
95th percentile per-packet one-way delay: 89.882 ms
Loss rate: 3.26%

Run 1: Report of Muses_DecisionTreeR0 — Data Link

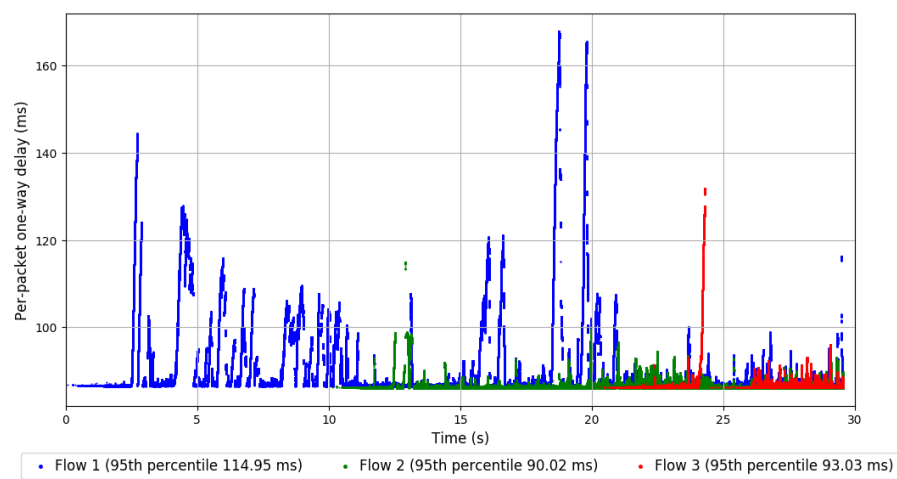
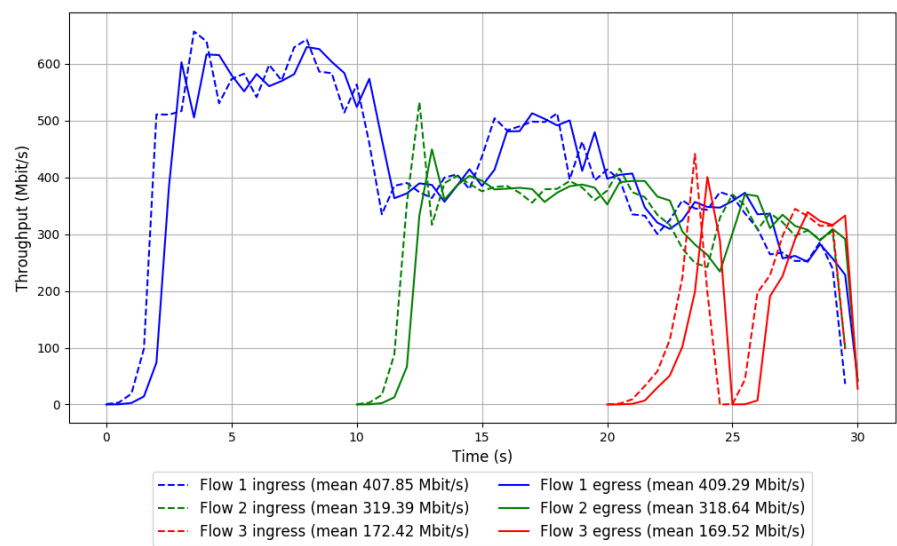


Run 2: Statistics of Muses_DecisionTreeR0

Start at: 2019-07-12 03:09:43
End at: 2019-07-12 03:10:13
Local clock offset: 0.254 ms
Remote clock offset: -0.048 ms

Below is generated by plot.py at 2019-07-12 07:52:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 672.53 Mbit/s
95th percentile per-packet one-way delay: 107.779 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 409.29 Mbit/s
95th percentile per-packet one-way delay: 114.952 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 318.64 Mbit/s
95th percentile per-packet one-way delay: 90.015 ms
Loss rate: 1.07%
-- Flow 3:
Average throughput: 169.52 Mbit/s
95th percentile per-packet one-way delay: 93.027 ms
Loss rate: 3.56%

Run 2: Report of Muses_DecisionTreeR0 — Data Link

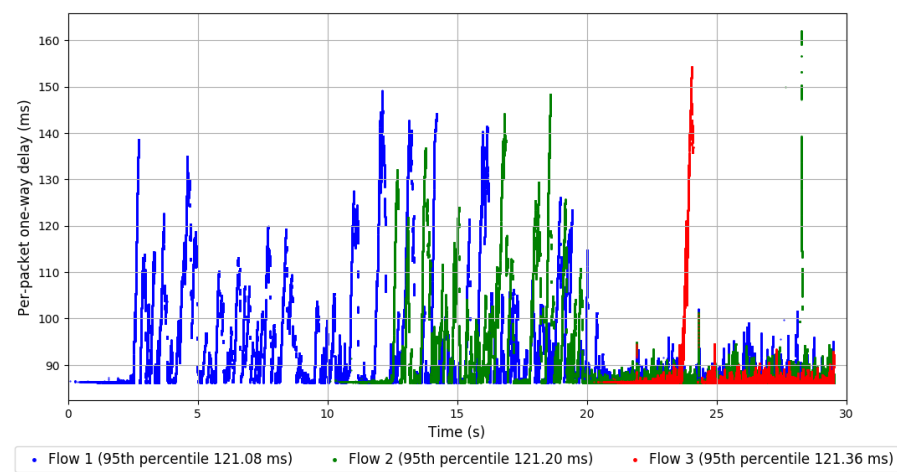
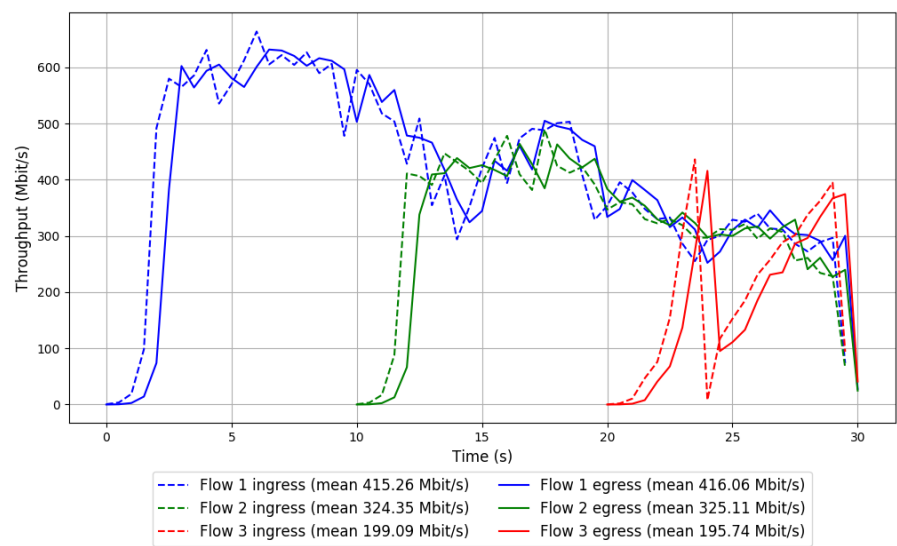


Run 3: Statistics of Muses_DecisionTreeR0

Start at: 2019-07-12 03:51:47
End at: 2019-07-12 03:52:17
Local clock offset: 0.282 ms
Remote clock offset: -0.008 ms

Below is generated by plot.py at 2019-07-12 07:59:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 692.07 Mbit/s
95th percentile per-packet one-way delay: 121.148 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 416.06 Mbit/s
95th percentile per-packet one-way delay: 121.084 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 325.11 Mbit/s
95th percentile per-packet one-way delay: 121.204 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 195.74 Mbit/s
95th percentile per-packet one-way delay: 121.359 ms
Loss rate: 3.46%

Run 3: Report of Muses_DecisionTreeR0 — Data Link



Run 4: Statistics of Muses_DecisionTreeR0

Start at: 2019-07-12 04:33:25

End at: 2019-07-12 04:33:55

Local clock offset: -0.291 ms

Remote clock offset: 0.057 ms

Below is generated by plot.py at 2019-07-12 07:59:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 662.91 Mbit/s

95th percentile per-packet one-way delay: 97.695 ms

Loss rate: 0.85%

-- Flow 1:

Average throughput: 373.30 Mbit/s

95th percentile per-packet one-way delay: 101.870 ms

Loss rate: 0.42%

-- Flow 2:

Average throughput: 336.30 Mbit/s

95th percentile per-packet one-way delay: 91.282 ms

Loss rate: 1.02%

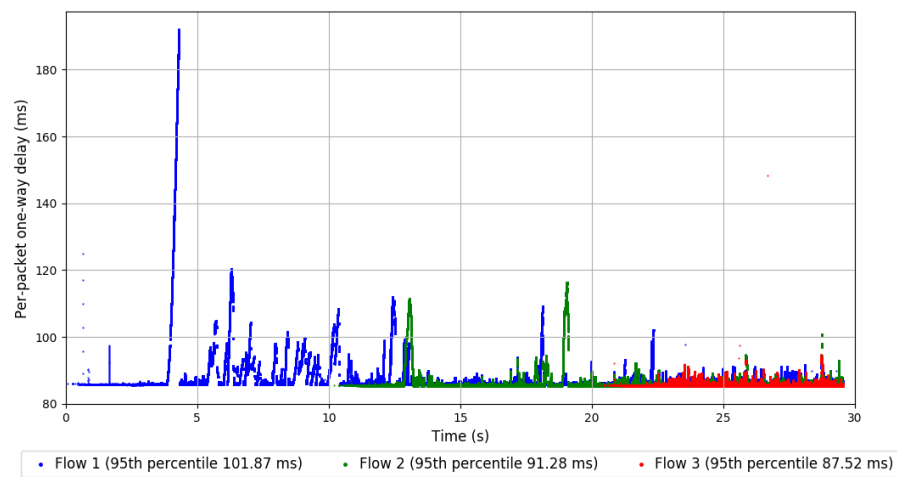
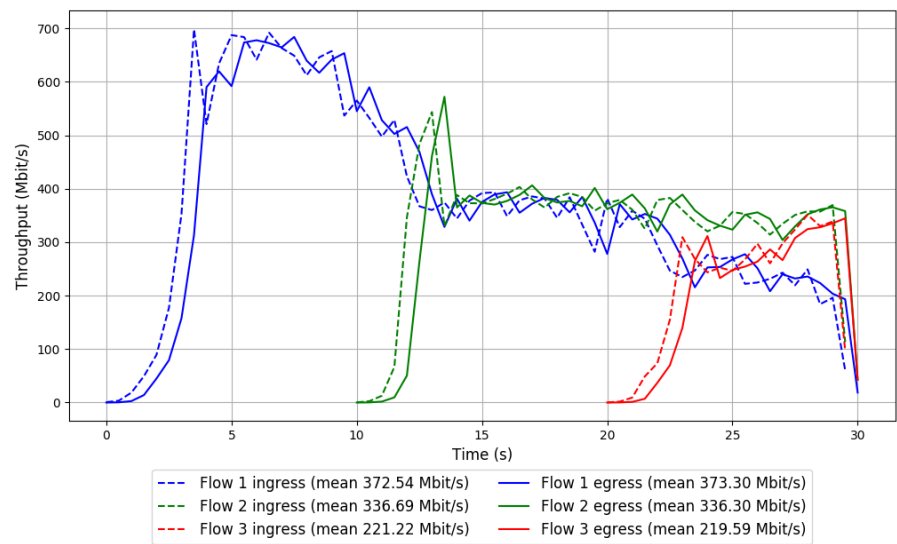
-- Flow 3:

Average throughput: 219.59 Mbit/s

95th percentile per-packet one-way delay: 87.522 ms

Loss rate: 2.56%

Run 4: Report of Muses_DecisionTreeR0 — Data Link



Run 5: Statistics of Muses_DecisionTreeR0

Start at: 2019-07-12 05:15:16

End at: 2019-07-12 05:15:46

Local clock offset: 0.118 ms

Remote clock offset: 0.008 ms

Below is generated by plot.py at 2019-07-12 07:59:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 632.46 Mbit/s

95th percentile per-packet one-way delay: 122.002 ms

Loss rate: 1.89%

-- Flow 1:

Average throughput: 382.85 Mbit/s

95th percentile per-packet one-way delay: 115.233 ms

Loss rate: 0.41%

-- Flow 2:

Average throughput: 267.44 Mbit/s

95th percentile per-packet one-way delay: 227.040 ms

Loss rate: 4.73%

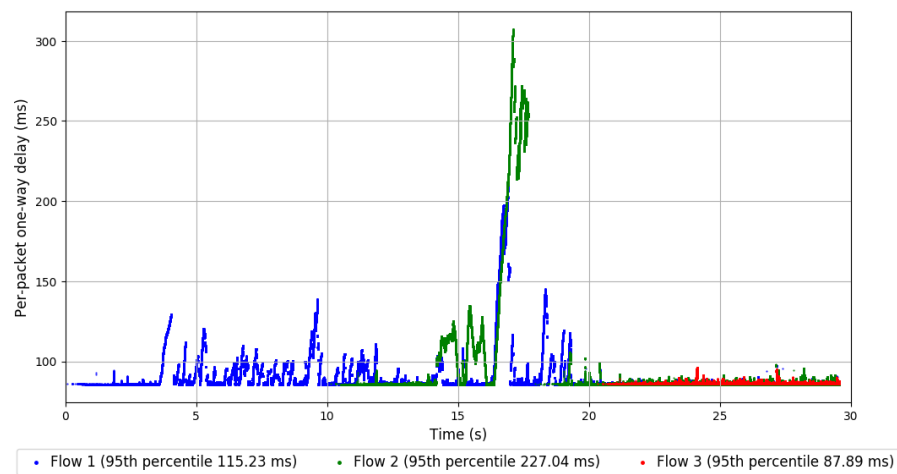
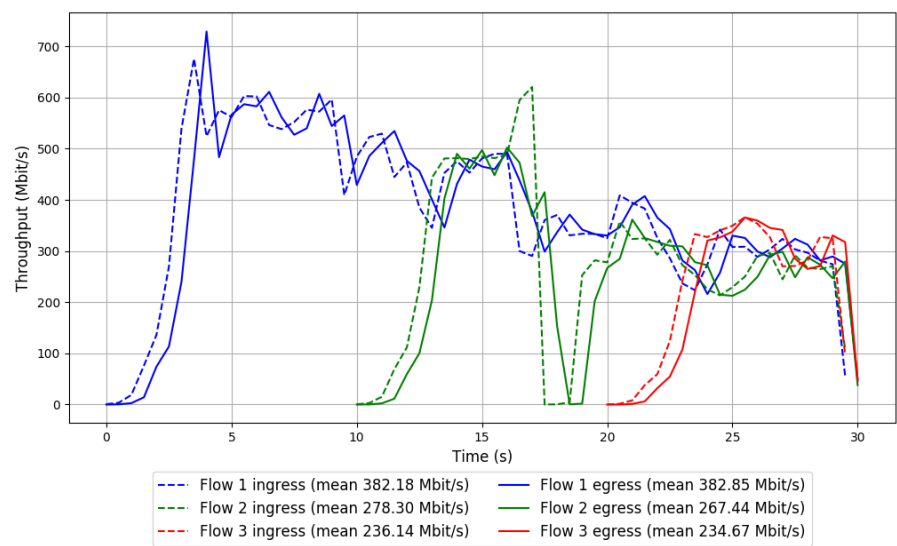
-- Flow 3:

Average throughput: 234.67 Mbit/s

95th percentile per-packet one-way delay: 87.890 ms

Loss rate: 2.45%

Run 5: Report of Muses_DecisionTreeR0 — Data Link

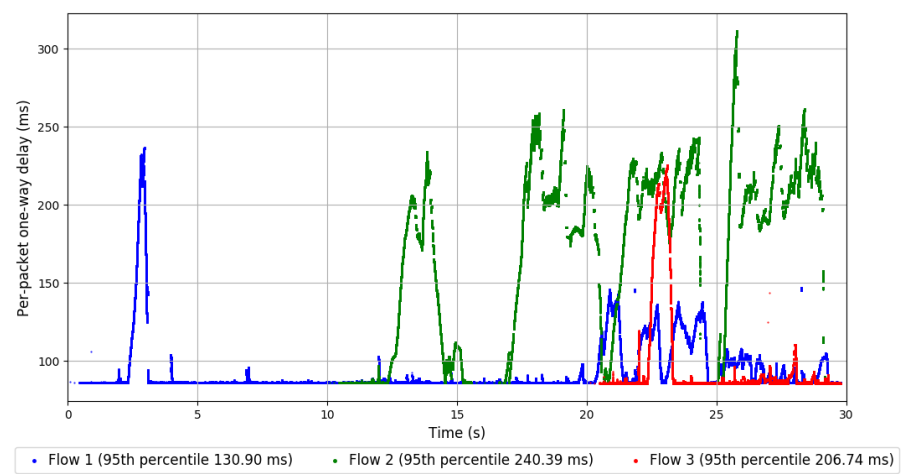
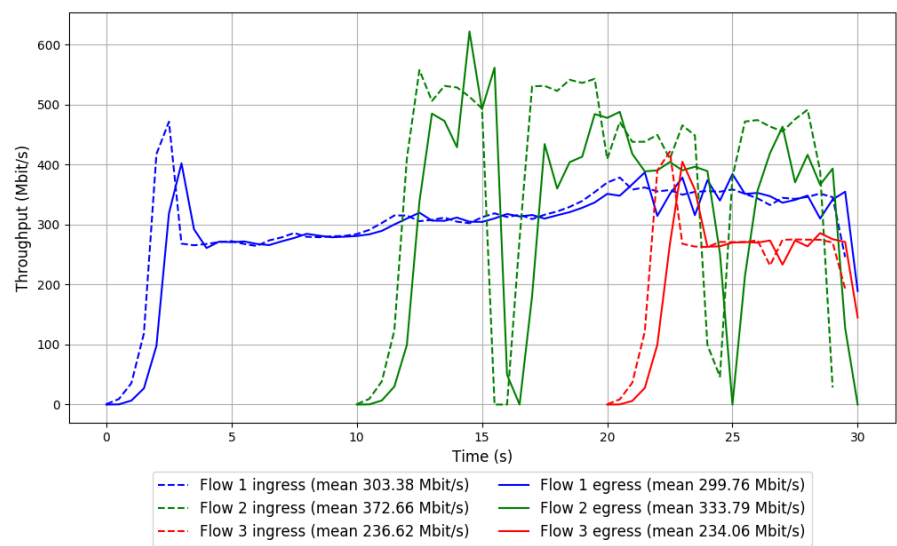


Run 1: Statistics of PCC-Allegro

Start at: 2019-07-12 02:34:34
End at: 2019-07-12 02:35:04
Local clock offset: -0.009 ms
Remote clock offset: -0.015 ms

Below is generated by plot.py at 2019-07-12 08:09:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 594.62 Mbit/s
95th percentile per-packet one-way delay: 224.298 ms
Loss rate: 5.27%
-- Flow 1:
Average throughput: 299.76 Mbit/s
95th percentile per-packet one-way delay: 130.903 ms
Loss rate: 1.77%
-- Flow 2:
Average throughput: 333.79 Mbit/s
95th percentile per-packet one-way delay: 240.392 ms
Loss rate: 10.43%
-- Flow 3:
Average throughput: 234.06 Mbit/s
95th percentile per-packet one-way delay: 206.735 ms
Loss rate: 2.82%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2019-07-12 03:16:33

End at: 2019-07-12 03:17:03

Local clock offset: 0.065 ms

Remote clock offset: -0.05 ms

Below is generated by plot.py at 2019-07-12 08:10:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 606.86 Mbit/s

95th percentile per-packet one-way delay: 229.357 ms

Loss rate: 2.99%

-- Flow 1:

Average throughput: 340.56 Mbit/s

95th percentile per-packet one-way delay: 242.307 ms

Loss rate: 2.98%

-- Flow 2:

Average throughput: 284.91 Mbit/s

95th percentile per-packet one-way delay: 124.680 ms

Loss rate: 2.60%

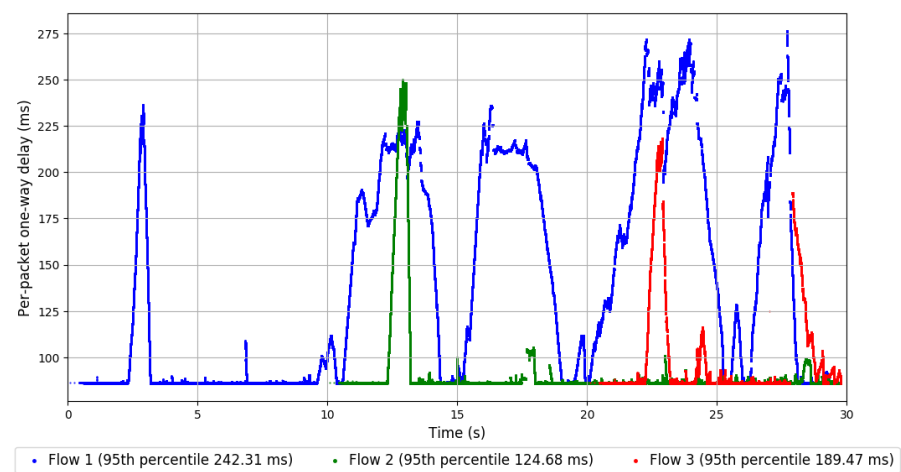
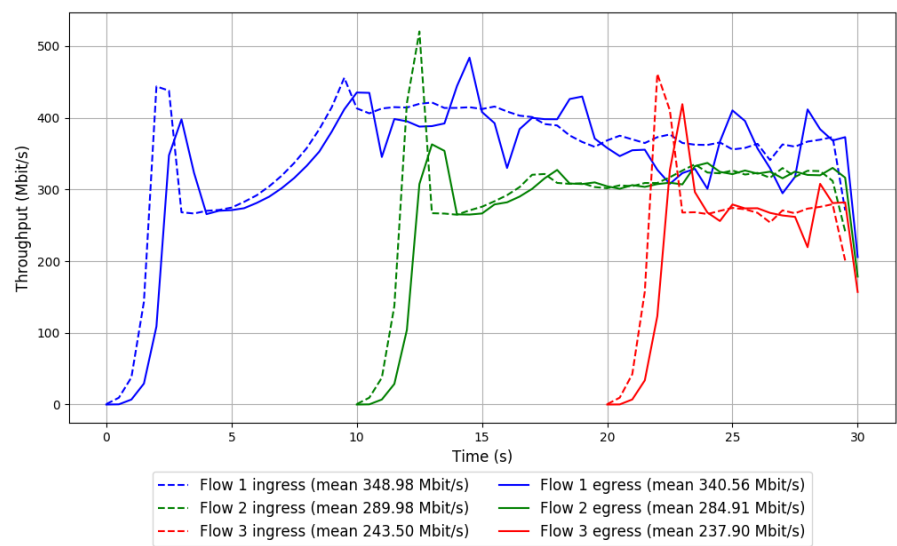
-- Flow 3:

Average throughput: 237.90 Mbit/s

95th percentile per-packet one-way delay: 189.474 ms

Loss rate: 4.01%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2019-07-12 03:58:19

End at: 2019-07-12 03:58:49

Local clock offset: -0.33 ms

Remote clock offset: 0.011 ms

Below is generated by plot.py at 2019-07-12 08:12:49

Datalink statistics

-- Total of 3 flows:

Average throughput: 649.26 Mbit/s

95th percentile per-packet one-way delay: 236.904 ms

Loss rate: 5.67%

-- Flow 1:

Average throughput: 376.43 Mbit/s

95th percentile per-packet one-way delay: 242.677 ms

Loss rate: 8.54%

-- Flow 2:

Average throughput: 296.72 Mbit/s

95th percentile per-packet one-way delay: 122.782 ms

Loss rate: 0.96%

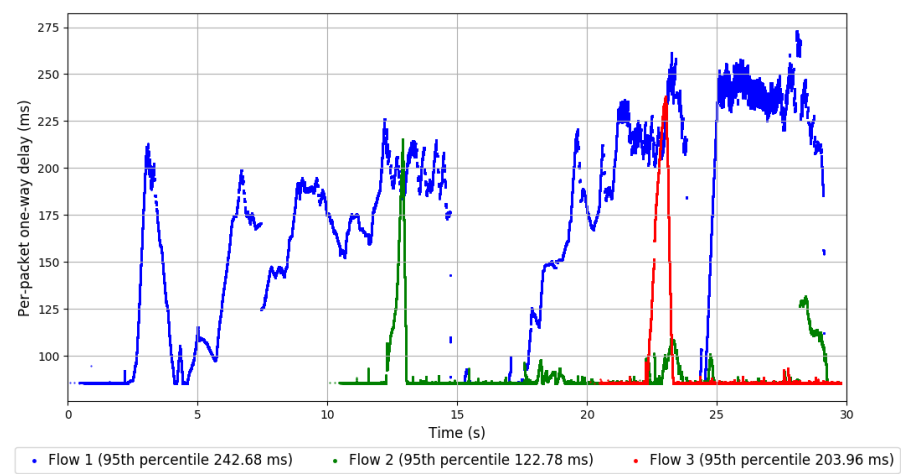
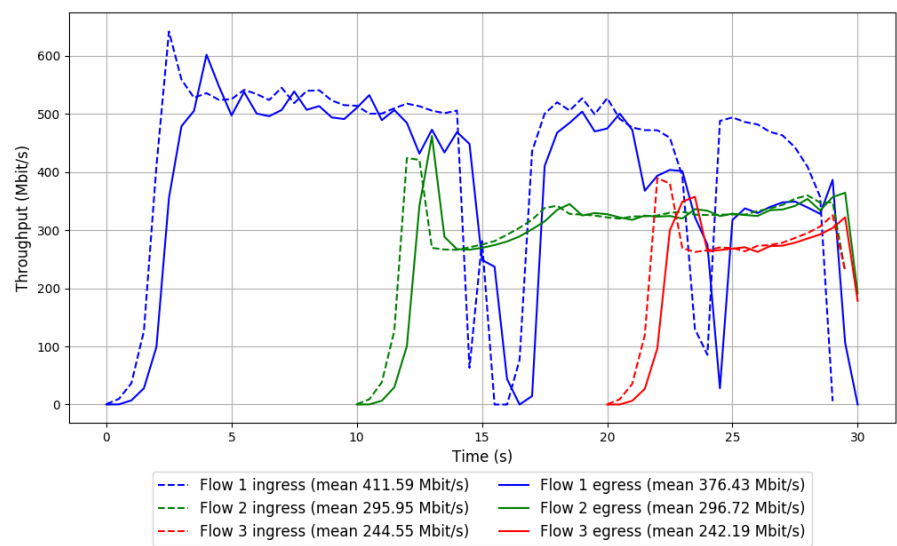
-- Flow 3:

Average throughput: 242.19 Mbit/s

95th percentile per-packet one-way delay: 203.955 ms

Loss rate: 2.71%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2019-07-12 04:39:56

End at: 2019-07-12 04:40:26

Local clock offset: 0.167 ms

Remote clock offset: 0.046 ms

Below is generated by plot.py at 2019-07-12 08:17:15

Datalink statistics

-- Total of 3 flows:

Average throughput: 659.12 Mbit/s

95th percentile per-packet one-way delay: 219.300 ms

Loss rate: 4.54%

-- Flow 1:

Average throughput: 386.36 Mbit/s

95th percentile per-packet one-way delay: 220.812 ms

Loss rate: 6.22%

-- Flow 2:

Average throughput: 293.49 Mbit/s

95th percentile per-packet one-way delay: 214.732 ms

Loss rate: 1.82%

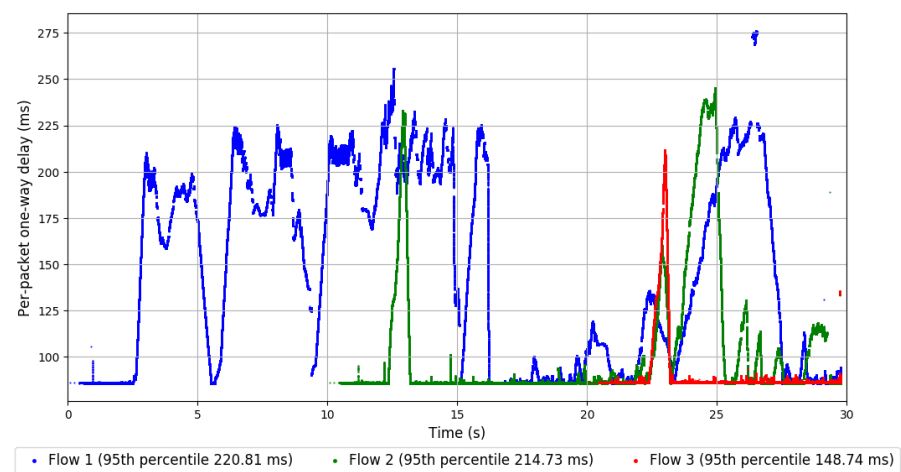
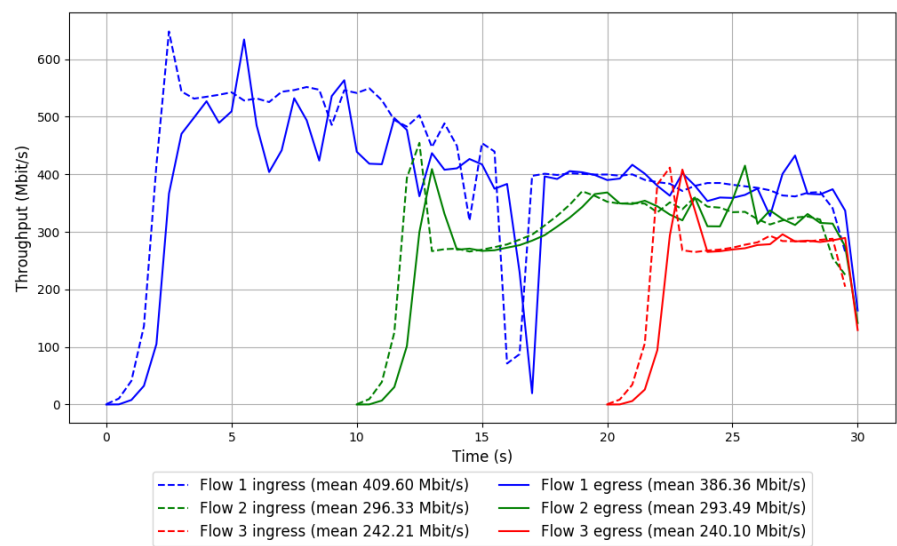
-- Flow 3:

Average throughput: 240.10 Mbit/s

95th percentile per-packet one-way delay: 148.739 ms

Loss rate: 2.60%

Run 4: Report of PCC-Allegro — Data Link

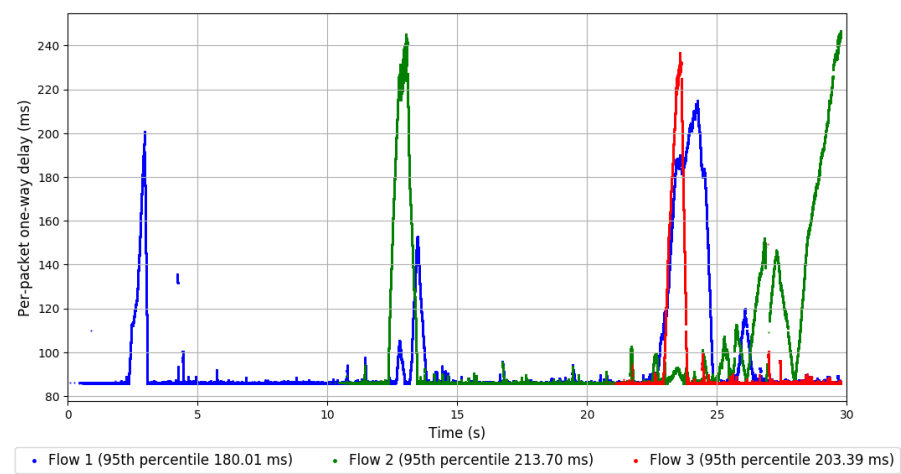
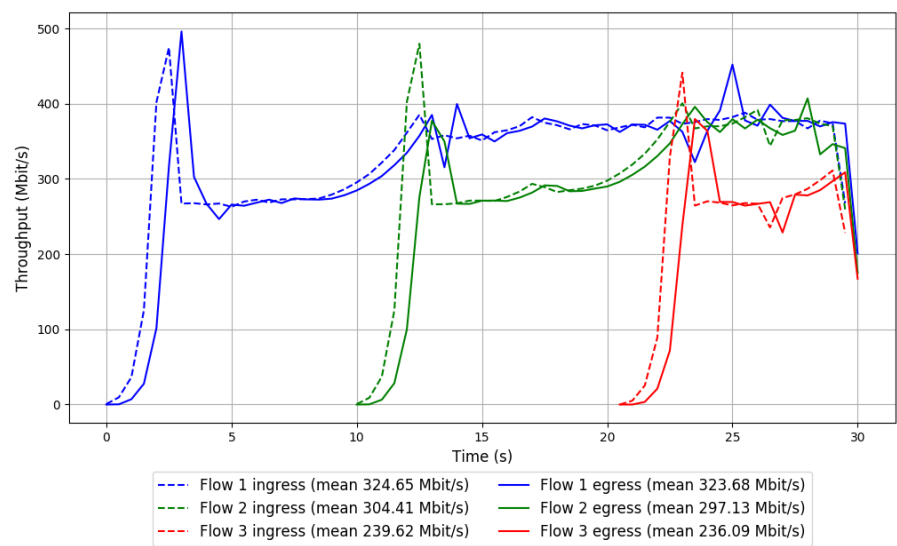


Run 5: Statistics of PCC-Allegro

Start at: 2019-07-12 05:21:52
End at: 2019-07-12 05:22:22
Local clock offset: -0.12 ms
Remote clock offset: -0.029 ms

Below is generated by plot.py at 2019-07-12 08:17:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 592.41 Mbit/s
95th percentile per-packet one-way delay: 187.794 ms
Loss rate: 1.97%
-- Flow 1:
Average throughput: 323.68 Mbit/s
95th percentile per-packet one-way delay: 180.011 ms
Loss rate: 0.88%
-- Flow 2:
Average throughput: 297.13 Mbit/s
95th percentile per-packet one-way delay: 213.697 ms
Loss rate: 3.24%
-- Flow 3:
Average throughput: 236.09 Mbit/s
95th percentile per-packet one-way delay: 203.394 ms
Loss rate: 3.31%

Run 5: Report of PCC-Allegro — Data Link

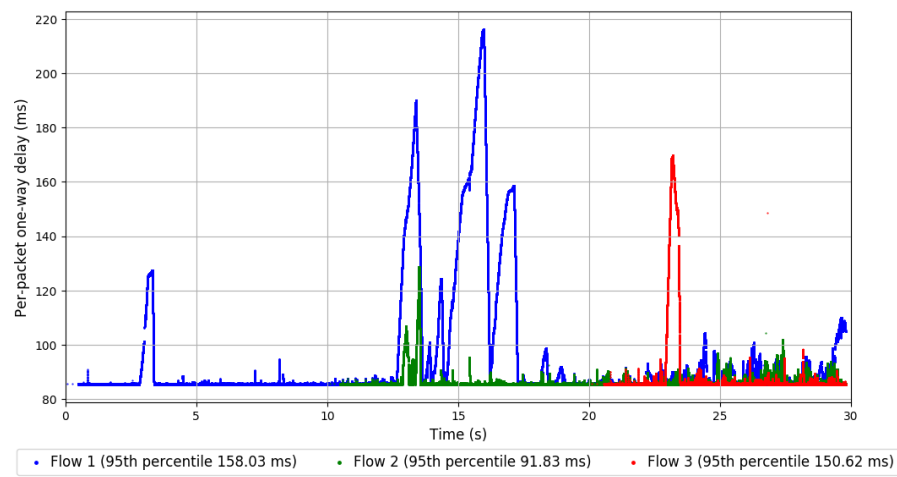
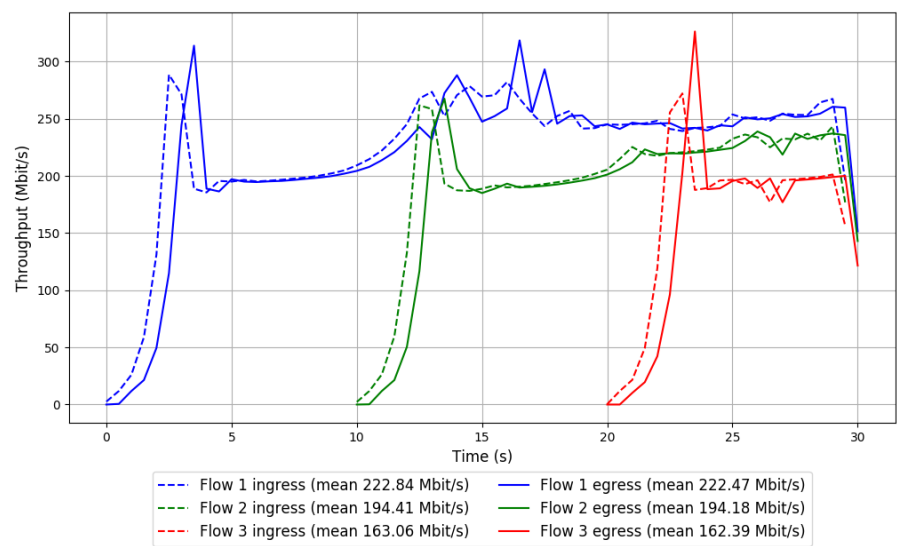


```
Run 1: Statistics of PCC-Expr

Start at: 2019-07-12 02:41:38
End at: 2019-07-12 02:42:08
Local clock offset: -0.457 ms
Remote clock offset: -0.002 ms

# Below is generated by plot.py at 2019-07-12 08:17:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 404.13 Mbit/s
95th percentile per-packet one-way delay: 148.585 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 222.47 Mbit/s
95th percentile per-packet one-way delay: 158.032 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 194.18 Mbit/s
95th percentile per-packet one-way delay: 91.828 ms
Loss rate: 0.99%
-- Flow 3:
Average throughput: 162.39 Mbit/s
95th percentile per-packet one-way delay: 150.621 ms
Loss rate: 2.18%
```

Run 1: Report of PCC-Expr — Data Link

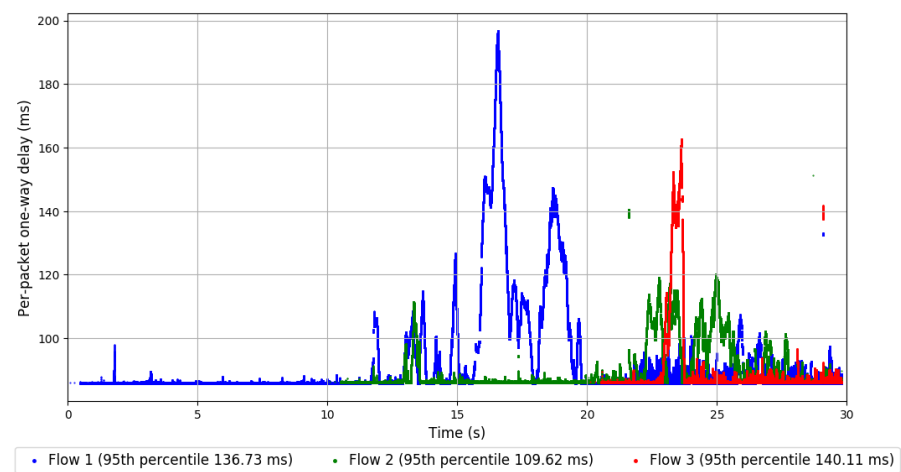
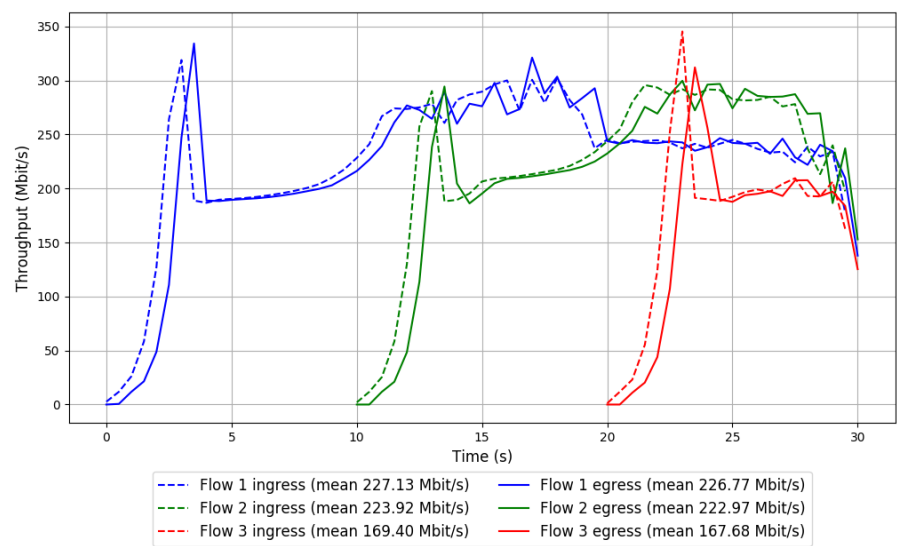


Run 2: Statistics of PCC-Expr

Start at: 2019-07-12 03:23:35
End at: 2019-07-12 03:24:05
Local clock offset: -0.142 ms
Remote clock offset: -0.016 ms

Below is generated by plot.py at 2019-07-12 08:17:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 429.19 Mbit/s
95th percentile per-packet one-way delay: 123.285 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 226.77 Mbit/s
95th percentile per-packet one-way delay: 136.731 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 222.97 Mbit/s
95th percentile per-packet one-way delay: 109.619 ms
Loss rate: 1.27%
-- Flow 3:
Average throughput: 167.68 Mbit/s
95th percentile per-packet one-way delay: 140.109 ms
Loss rate: 2.75%

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

Start at: 2019-07-12 04:05:25

End at: 2019-07-12 04:05:55

Local clock offset: -0.124 ms

Remote clock offset: 0.007 ms

Below is generated by plot.py at 2019-07-12 08:17:15

Datalink statistics

-- Total of 3 flows:

Average throughput: 388.46 Mbit/s

95th percentile per-packet one-way delay: 187.560 ms

Loss rate: 2.26%

-- Flow 1:

Average throughput: 205.85 Mbit/s

95th percentile per-packet one-way delay: 196.803 ms

Loss rate: 3.13%

-- Flow 2:

Average throughput: 195.97 Mbit/s

95th percentile per-packet one-way delay: 100.196 ms

Loss rate: 0.92%

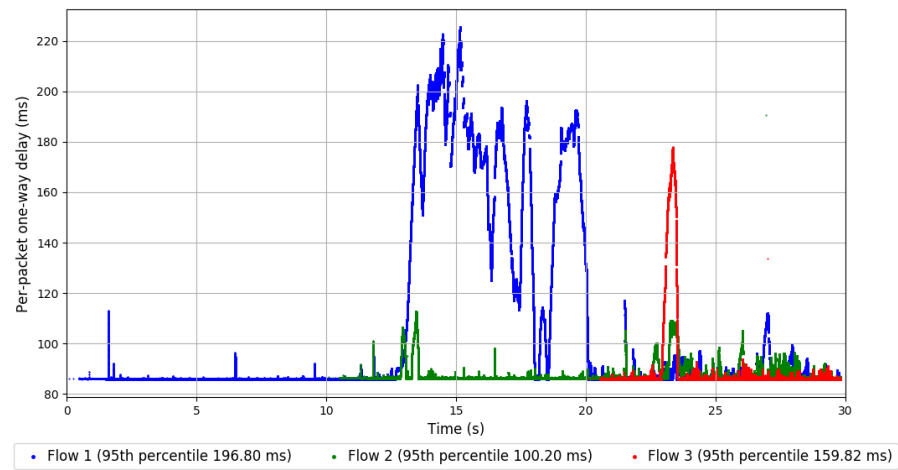
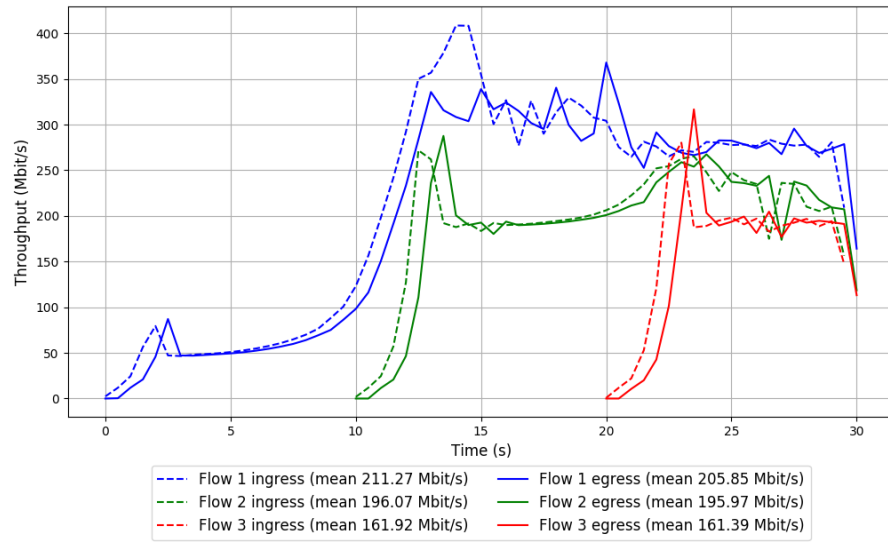
-- Flow 3:

Average throughput: 161.39 Mbit/s

95th percentile per-packet one-way delay: 159.817 ms

Loss rate: 2.08%

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

Start at: 2019-07-12 04:47:05

End at: 2019-07-12 04:47:35

Local clock offset: 0.163 ms

Remote clock offset: 0.037 ms

Below is generated by plot.py at 2019-07-12 08:24:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 437.07 Mbit/s

95th percentile per-packet one-way delay: 208.654 ms

Loss rate: 2.66%

-- Flow 1:

Average throughput: 254.77 Mbit/s

95th percentile per-packet one-way delay: 218.791 ms

Loss rate: 2.85%

-- Flow 2:

Average throughput: 190.55 Mbit/s

95th percentile per-packet one-way delay: 186.081 ms

Loss rate: 2.29%

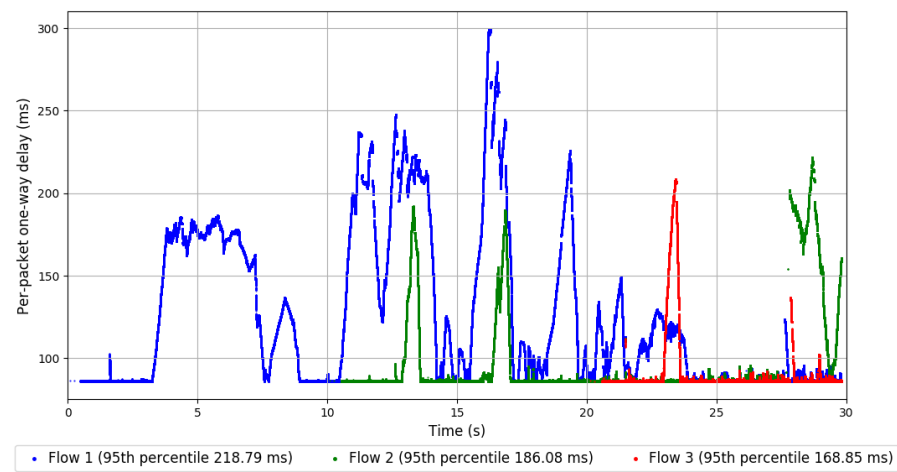
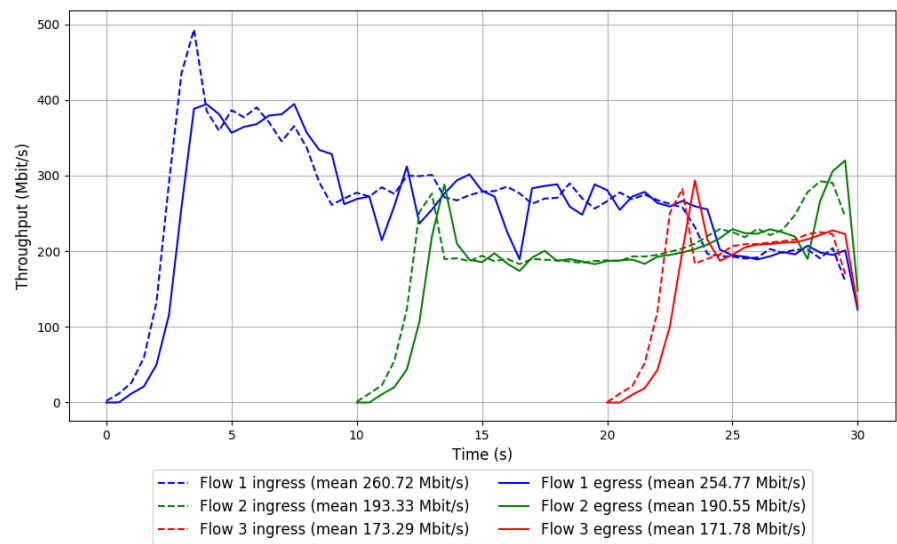
-- Flow 3:

Average throughput: 171.78 Mbit/s

95th percentile per-packet one-way delay: 168.851 ms

Loss rate: 2.61%

Run 4: Report of PCC-Expr — Data Link

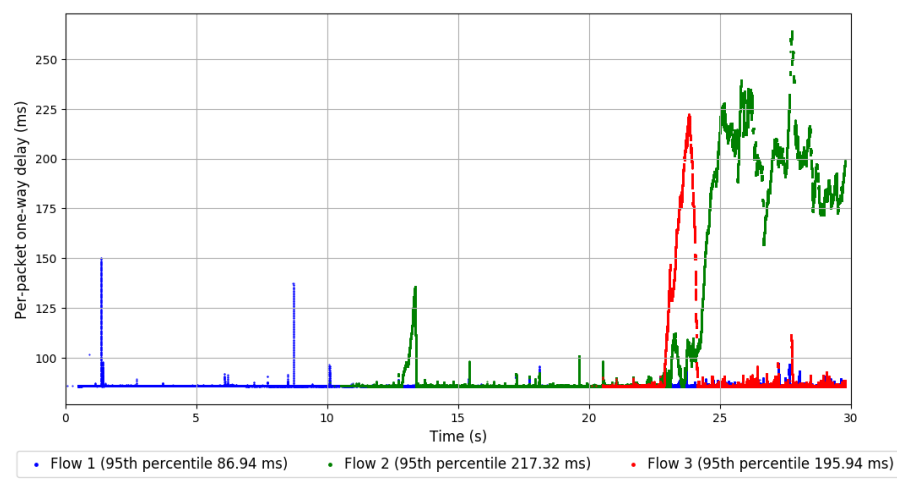
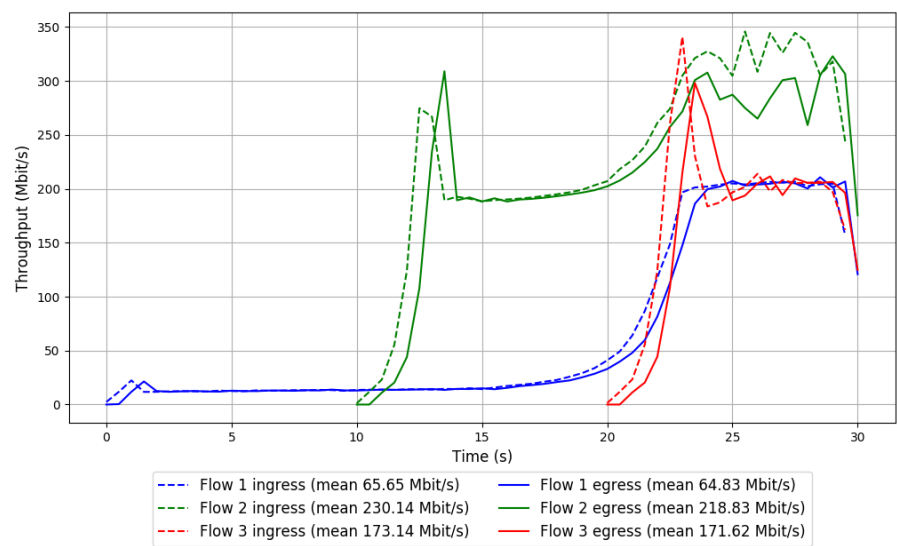


Run 5: Statistics of PCC-Expr

Start at: 2019-07-12 05:28:55
End at: 2019-07-12 05:29:25
Local clock offset: -0.205 ms
Remote clock offset: -0.055 ms

Below is generated by plot.py at 2019-07-12 08:24:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 265.88 Mbit/s
95th percentile per-packet one-way delay: 211.634 ms
Loss rate: 4.16%
-- Flow 1:
Average throughput: 64.83 Mbit/s
95th percentile per-packet one-way delay: 86.941 ms
Loss rate: 1.82%
-- Flow 2:
Average throughput: 218.83 Mbit/s
95th percentile per-packet one-way delay: 217.318 ms
Loss rate: 5.75%
-- Flow 3:
Average throughput: 171.62 Mbit/s
95th percentile per-packet one-way delay: 195.943 ms
Loss rate: 2.62%

Run 5: Report of PCC-Expr — Data Link

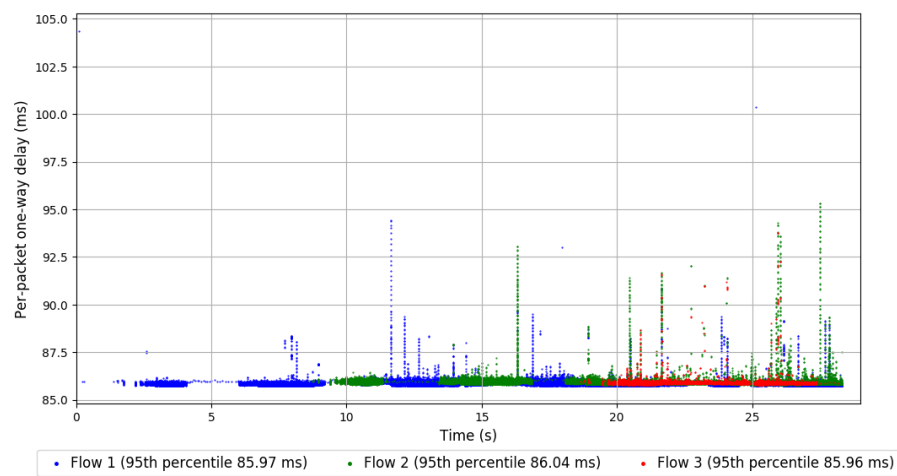
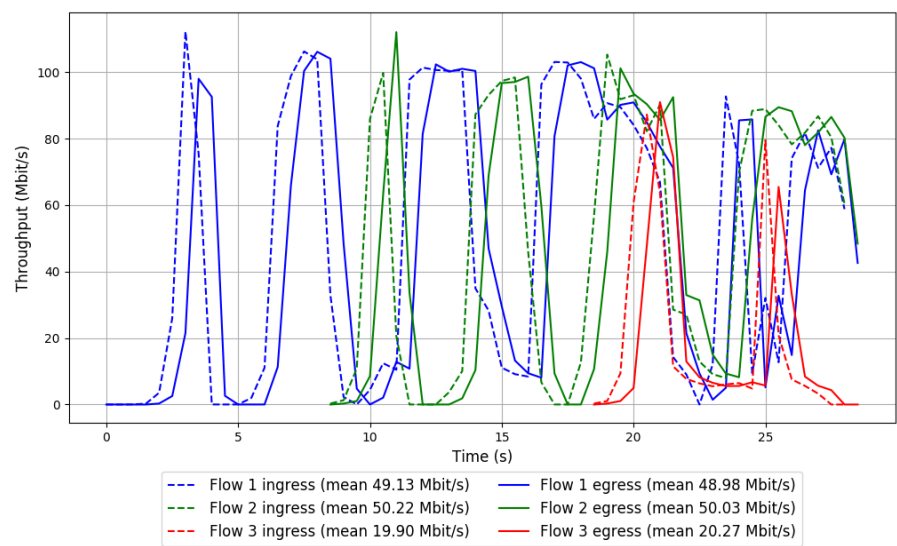


Run 1: Statistics of QUIC Cubic

Start at: 2019-07-12 02:55:03
End at: 2019-07-12 02:55:33
Local clock offset: -0.021 ms
Remote clock offset: -0.011 ms

Below is generated by plot.py at 2019-07-12 08:24:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.82 Mbit/s
95th percentile per-packet one-way delay: 86.001 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 48.98 Mbit/s
95th percentile per-packet one-way delay: 85.974 ms
Loss rate: 0.96%
-- Flow 2:
Average throughput: 50.03 Mbit/s
95th percentile per-packet one-way delay: 86.036 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 20.27 Mbit/s
95th percentile per-packet one-way delay: 85.957 ms
Loss rate: 0.00%

Run 1: Report of QUIC Cubic — Data Link

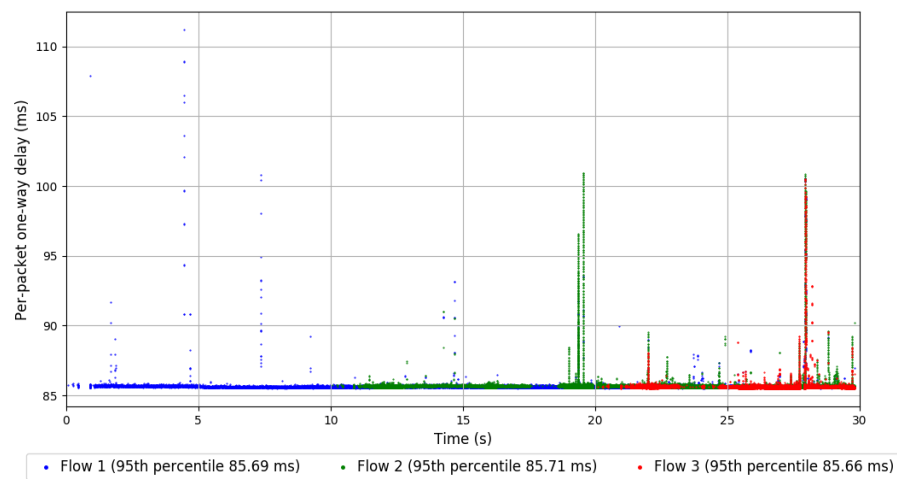
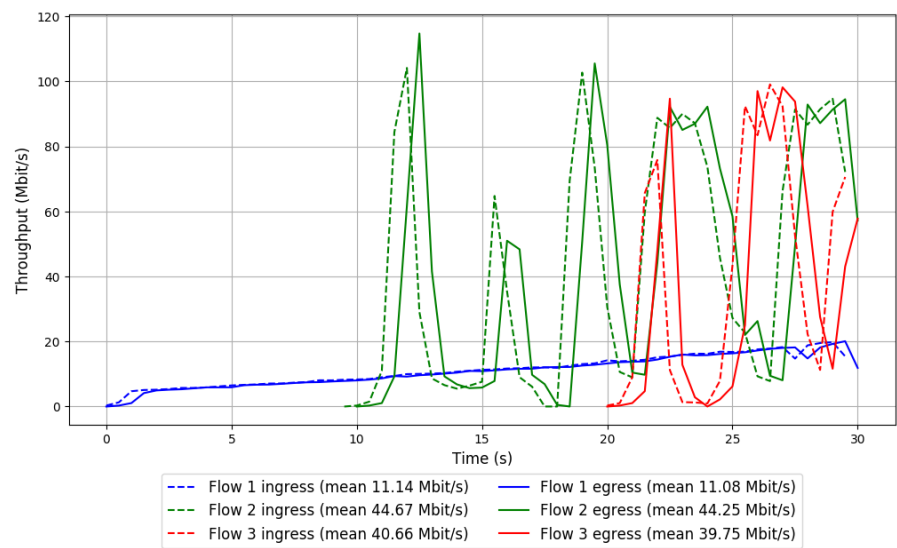


Run 2: Statistics of QUIC Cubic

Start at: 2019-07-12 03:36:52
End at: 2019-07-12 03:37:22
Local clock offset: -0.414 ms
Remote clock offset: -0.035 ms

Below is generated by plot.py at 2019-07-12 08:24:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 53.42 Mbit/s
95th percentile per-packet one-way delay: 85.702 ms
Loss rate: 2.15%
-- Flow 1:
Average throughput: 11.08 Mbit/s
95th percentile per-packet one-way delay: 85.690 ms
Loss rate: 1.04%
-- Flow 2:
Average throughput: 44.25 Mbit/s
95th percentile per-packet one-way delay: 85.714 ms
Loss rate: 1.76%
-- Flow 3:
Average throughput: 39.75 Mbit/s
95th percentile per-packet one-way delay: 85.663 ms
Loss rate: 3.91%

Run 2: Report of QUIC Cubic — Data Link

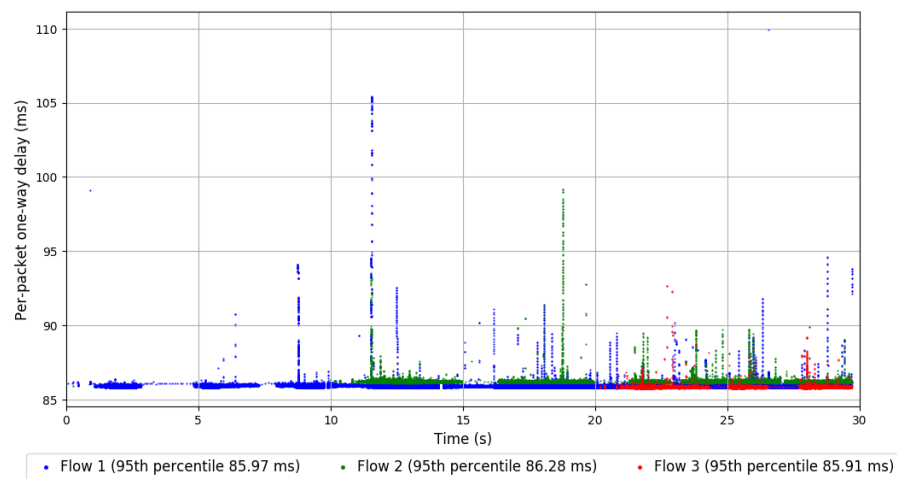
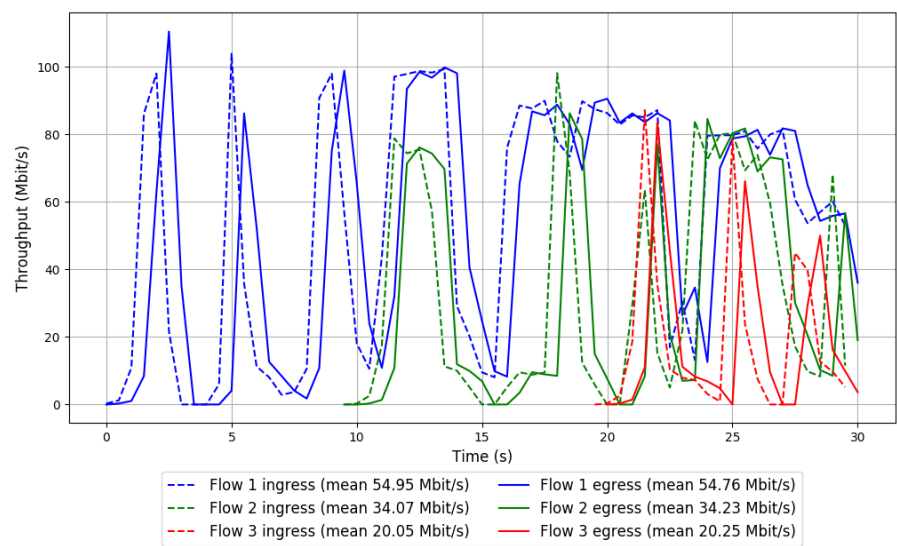


Run 3: Statistics of QUIC Cubic

Start at: 2019-07-12 04:18:38
End at: 2019-07-12 04:19:08
Local clock offset: 0.058 ms
Remote clock offset: -0.007 ms

Below is generated by plot.py at 2019-07-12 08:24:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.18 Mbit/s
95th percentile per-packet one-way delay: 86.225 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 54.76 Mbit/s
95th percentile per-packet one-way delay: 85.970 ms
Loss rate: 0.93%
-- Flow 2:
Average throughput: 34.23 Mbit/s
95th percentile per-packet one-way delay: 86.278 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 20.25 Mbit/s
95th percentile per-packet one-way delay: 85.907 ms
Loss rate: 0.77%

Run 3: Report of QUIC Cubic — Data Link

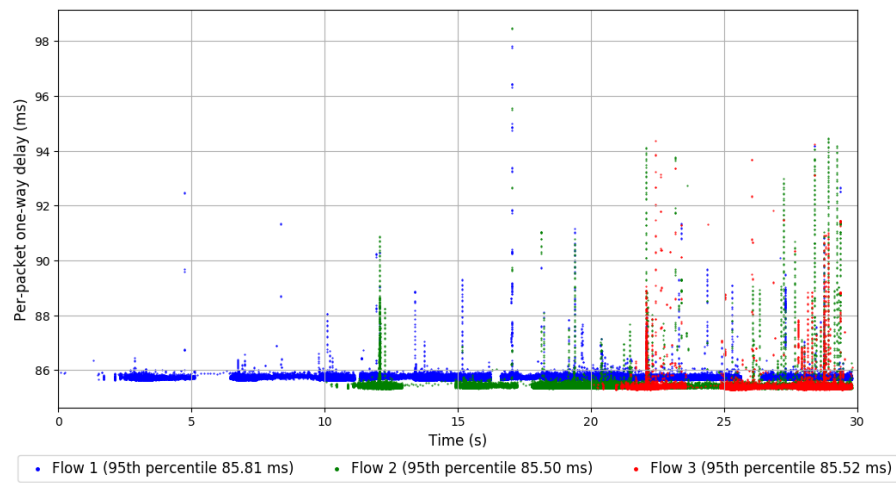
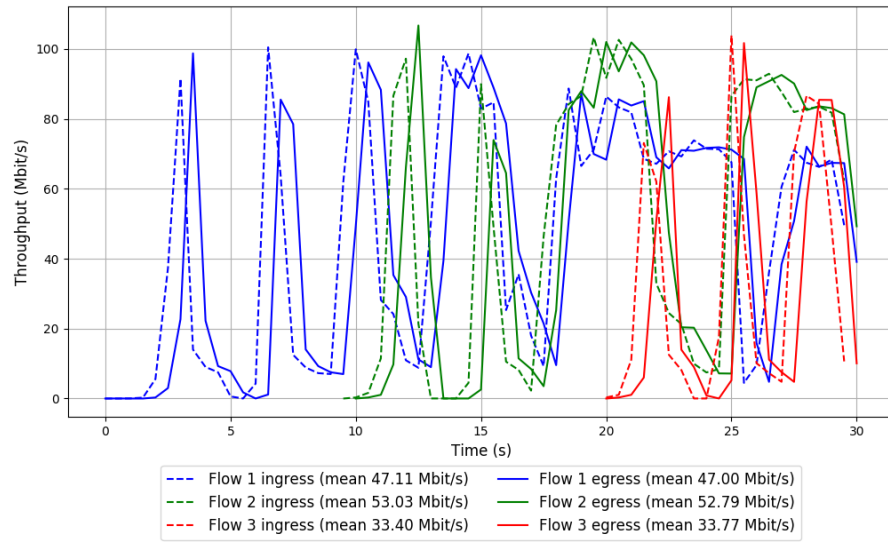


Run 4: Statistics of QUIC Cubic

Start at: 2019-07-12 05:00:14
End at: 2019-07-12 05:00:44
Local clock offset: -0.232 ms
Remote clock offset: -0.005 ms

Below is generated by plot.py at 2019-07-12 08:24:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.07 Mbit/s
95th percentile per-packet one-way delay: 85.793 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 47.00 Mbit/s
95th percentile per-packet one-way delay: 85.812 ms
Loss rate: 0.81%
-- Flow 2:
Average throughput: 52.79 Mbit/s
95th percentile per-packet one-way delay: 85.503 ms
Loss rate: 1.31%
-- Flow 3:
Average throughput: 33.77 Mbit/s
95th percentile per-packet one-way delay: 85.515 ms
Loss rate: 0.63%

Run 4: Report of QUIC Cubic — Data Link

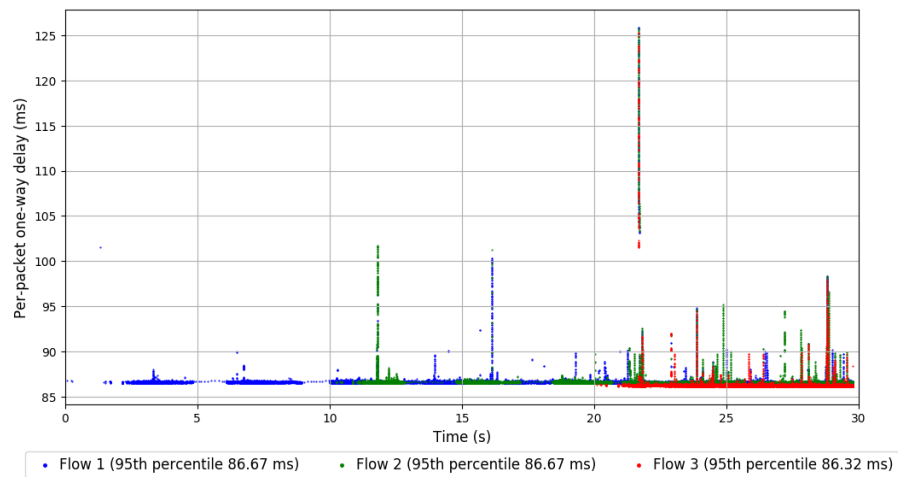
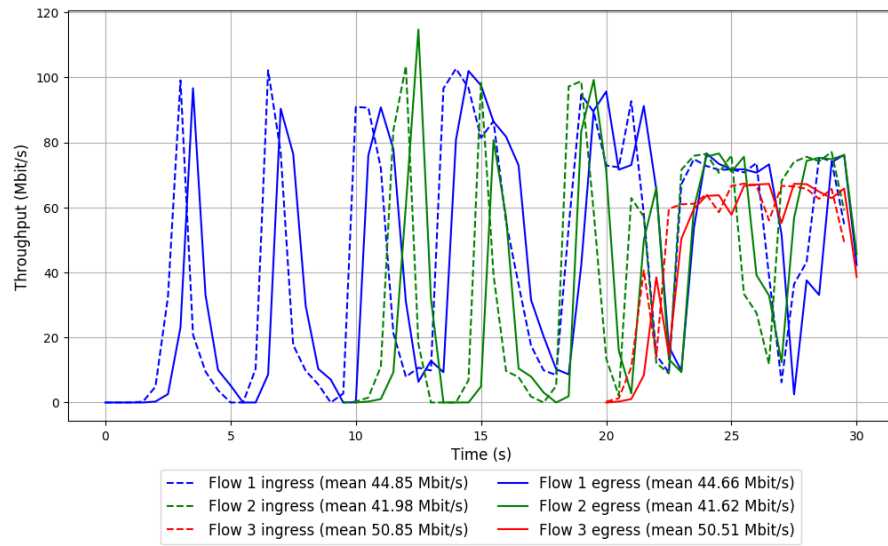


Run 5: Statistics of QUIC Cubic

Start at: 2019-07-12 05:42:05
End at: 2019-07-12 05:42:35
Local clock offset: 0.344 ms
Remote clock offset: -0.036 ms

Below is generated by plot.py at 2019-07-12 08:24:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.78 Mbit/s
95th percentile per-packet one-way delay: 86.658 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 44.66 Mbit/s
95th percentile per-packet one-way delay: 86.665 ms
Loss rate: 0.99%
-- Flow 2:
Average throughput: 41.62 Mbit/s
95th percentile per-packet one-way delay: 86.671 ms
Loss rate: 1.73%
-- Flow 3:
Average throughput: 50.51 Mbit/s
95th percentile per-packet one-way delay: 86.319 ms
Loss rate: 2.37%

Run 5: Report of QUIC Cubic — Data Link

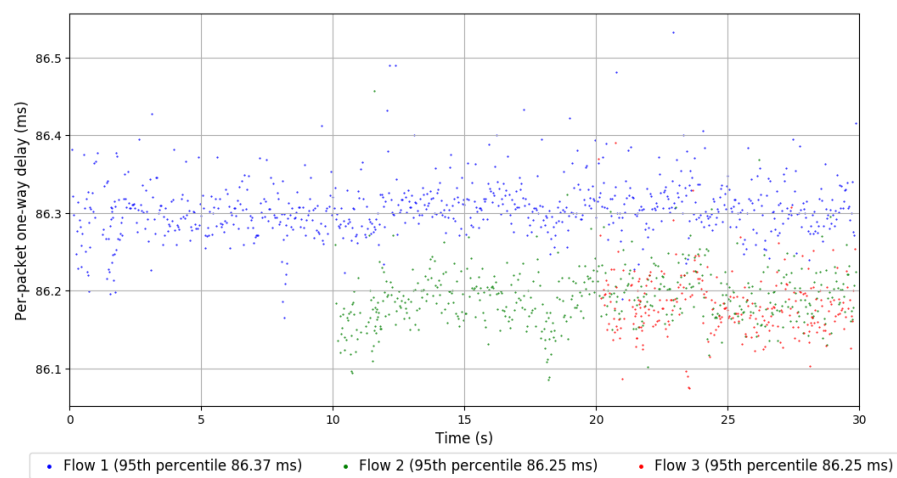
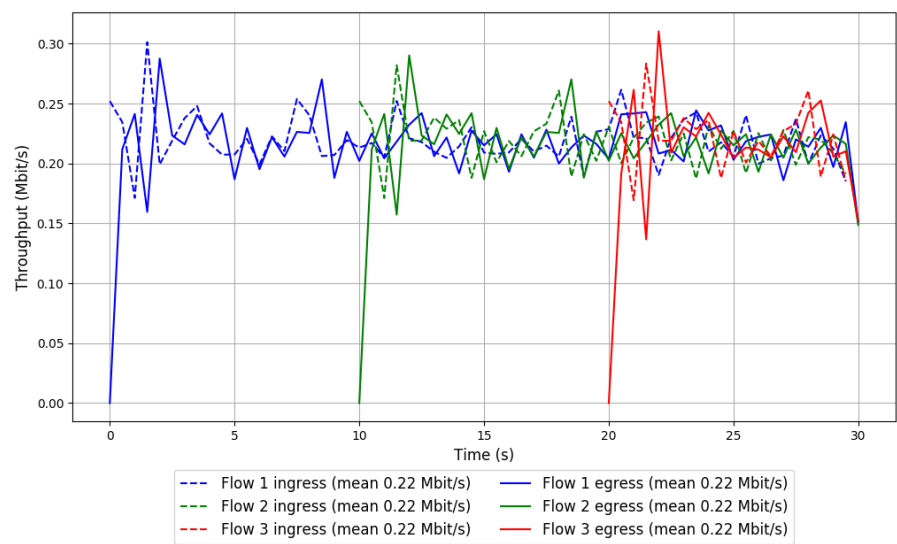


Run 1: Statistics of SReAM

Start at: 2019-07-12 02:29:38
End at: 2019-07-12 02:30:08
Local clock offset: 0.18 ms
Remote clock offset: -0.005 ms

Below is generated by plot.py at 2019-07-12 08:24:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.348 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.372 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.249 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.245 ms
Loss rate: 1.85%

Run 1: Report of SReAM — Data Link

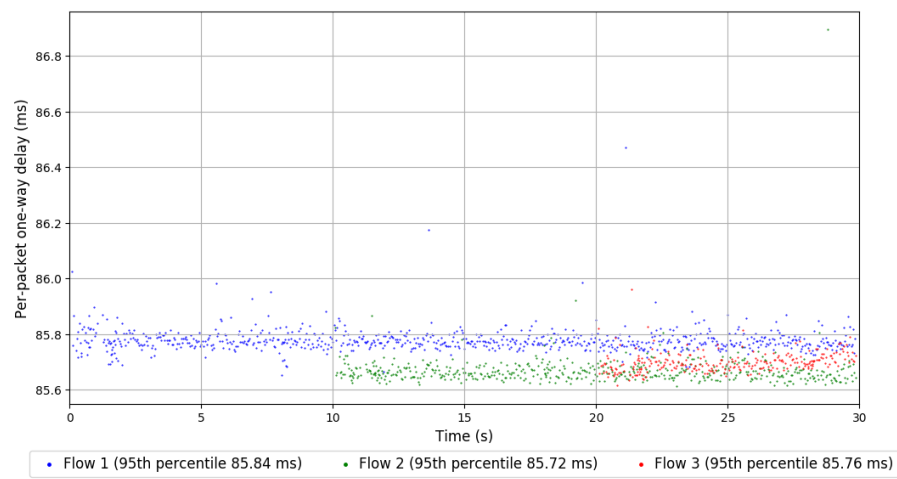
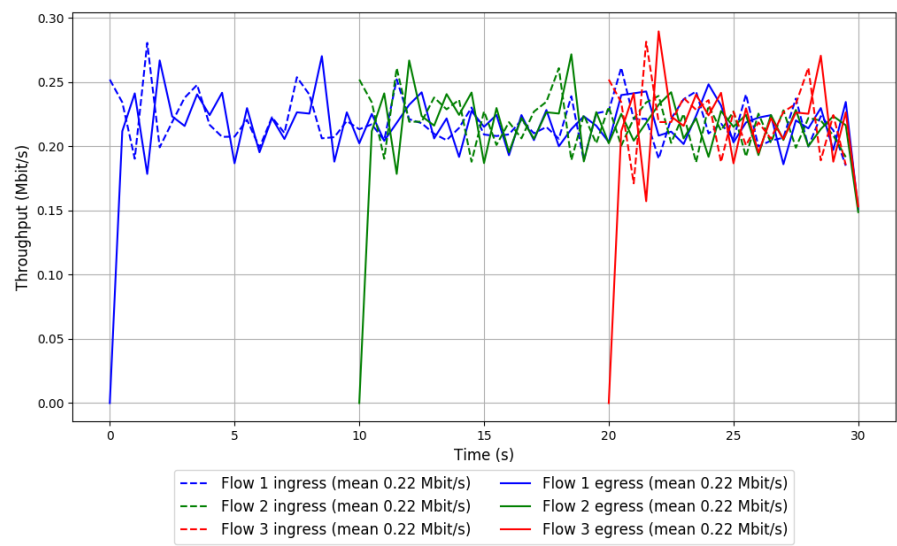


Run 2: Statistics of SReAM

Start at: 2019-07-12 03:11:35
End at: 2019-07-12 03:12:05
Local clock offset: -0.334 ms
Remote clock offset: -0.029 ms

Below is generated by plot.py at 2019-07-12 08:24:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 85.816 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.837 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.718 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.762 ms
Loss rate: 1.46%

Run 2: Report of SReAM — Data Link

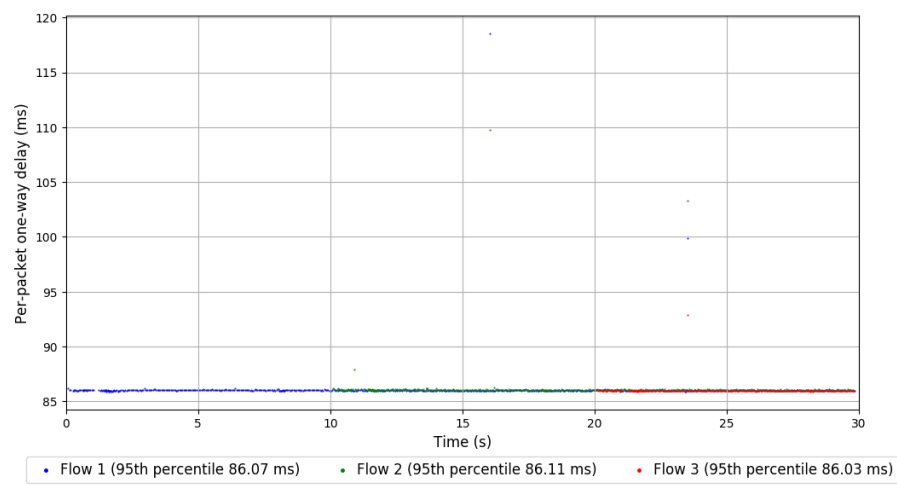
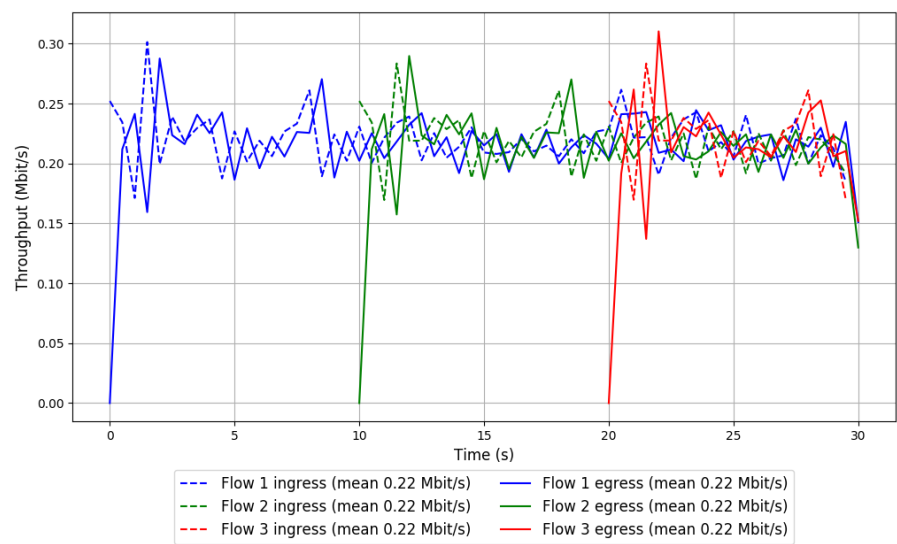


Run 3: Statistics of SReAM

Start at: 2019-07-12 03:53:40
End at: 2019-07-12 03:54:10
Local clock offset: -0.086 ms
Remote clock offset: -0.013 ms

Below is generated by plot.py at 2019-07-12 08:24:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.084 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.067 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.105 ms
Loss rate: 1.04%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.027 ms
Loss rate: 1.50%

Run 3: Report of SReAM — Data Link

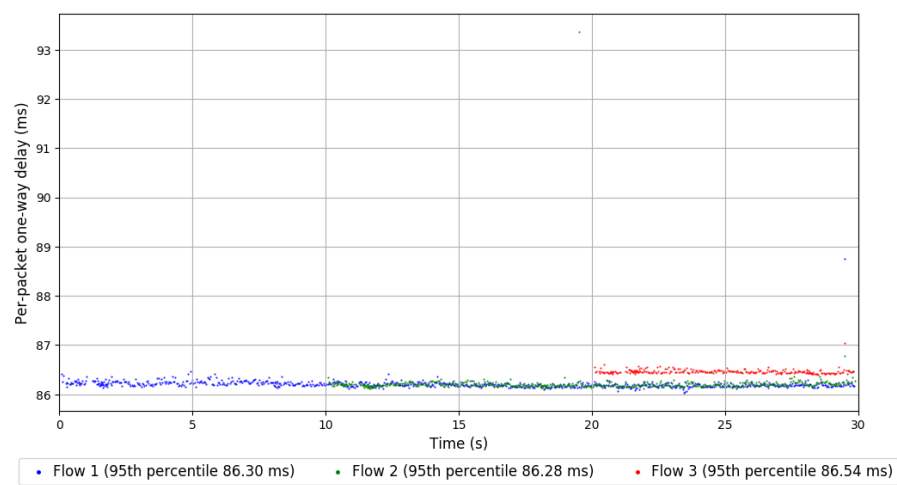
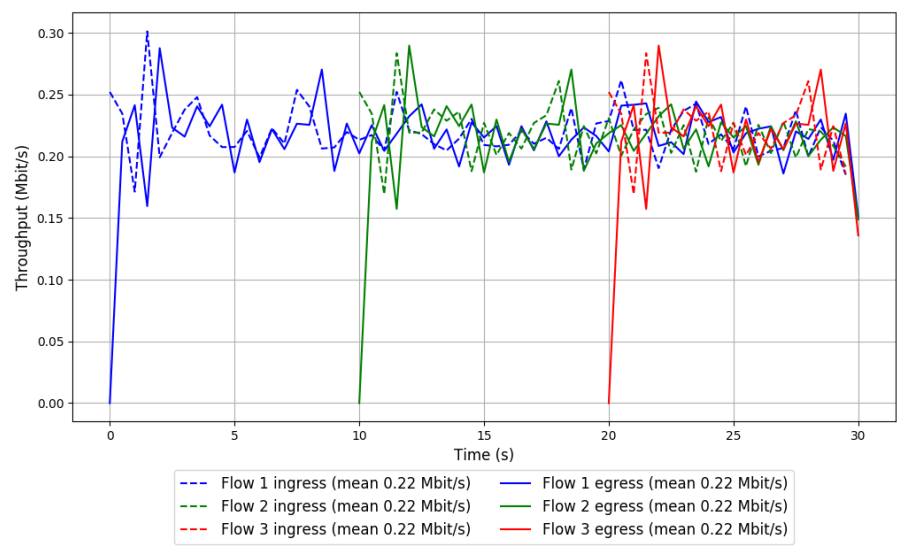


Run 4: Statistics of SReAM

Start at: 2019-07-12 04:35:17
End at: 2019-07-12 04:35:47
Local clock offset: 0.354 ms
Remote clock offset: -0.009 ms

Below is generated by plot.py at 2019-07-12 08:24:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.474 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.295 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.279 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.536 ms
Loss rate: 1.85%

Run 4: Report of SReAM — Data Link

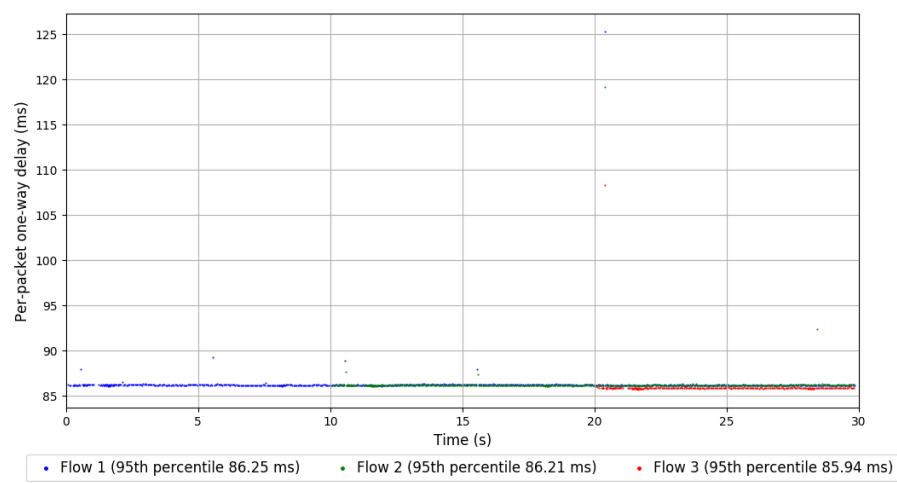
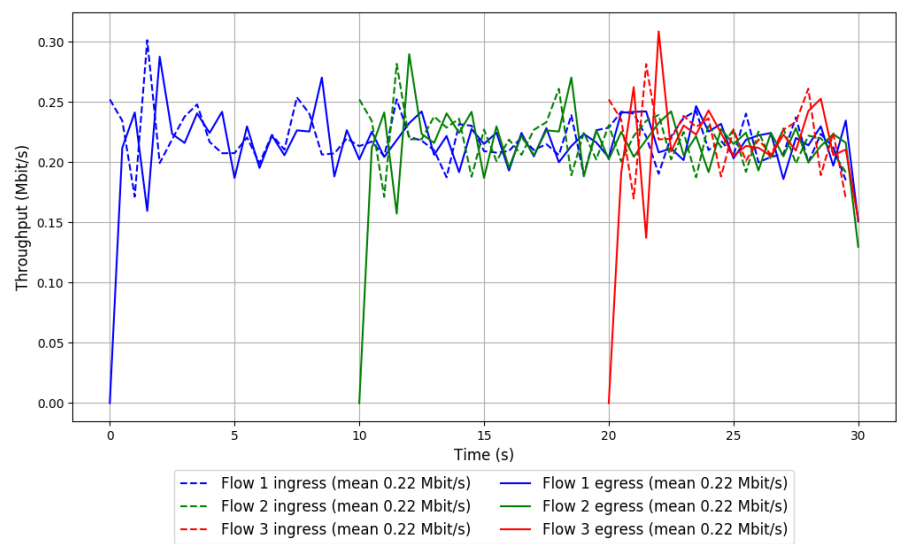


Run 5: Statistics of SReAM

Start at: 2019-07-12 05:17:06
End at: 2019-07-12 05:17:36
Local clock offset: 0.072 ms
Remote clock offset: -0.011 ms

Below is generated by plot.py at 2019-07-12 08:24:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 86.239 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.251 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.208 ms
Loss rate: 1.04%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.942 ms
Loss rate: 1.50%

Run 5: Report of SReAM — Data Link

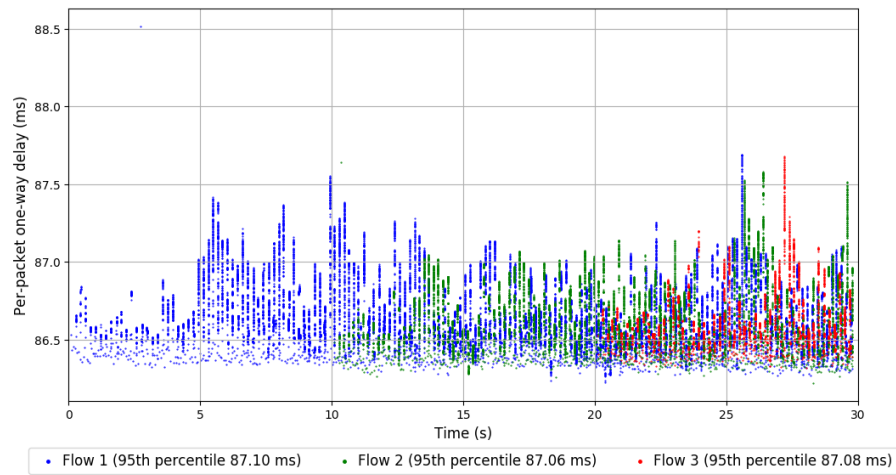
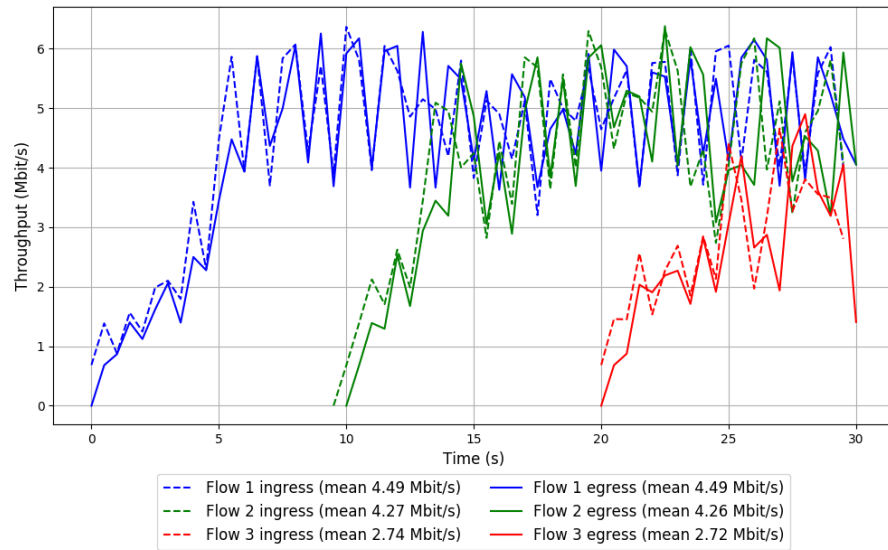


Run 1: Statistics of Sprout

Start at: 2019-07-12 02:26:29
End at: 2019-07-12 02:26:59
Local clock offset: 0.354 ms
Remote clock offset: -0.034 ms

Below is generated by plot.py at 2019-07-12 08:24:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.20 Mbit/s
95th percentile per-packet one-way delay: 87.080 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 4.49 Mbit/s
95th percentile per-packet one-way delay: 87.096 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 4.26 Mbit/s
95th percentile per-packet one-way delay: 87.065 ms
Loss rate: 1.19%
-- Flow 3:
Average throughput: 2.72 Mbit/s
95th percentile per-packet one-way delay: 87.077 ms
Loss rate: 2.59%

Run 1: Report of Sprout — Data Link

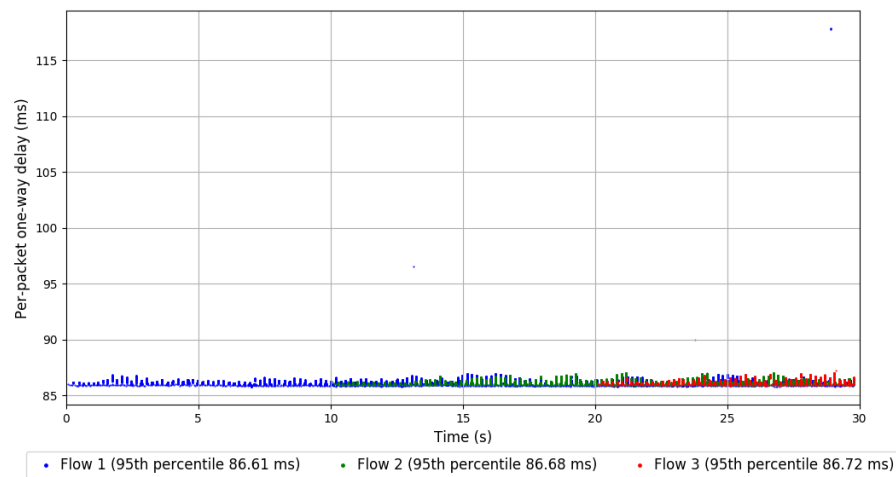
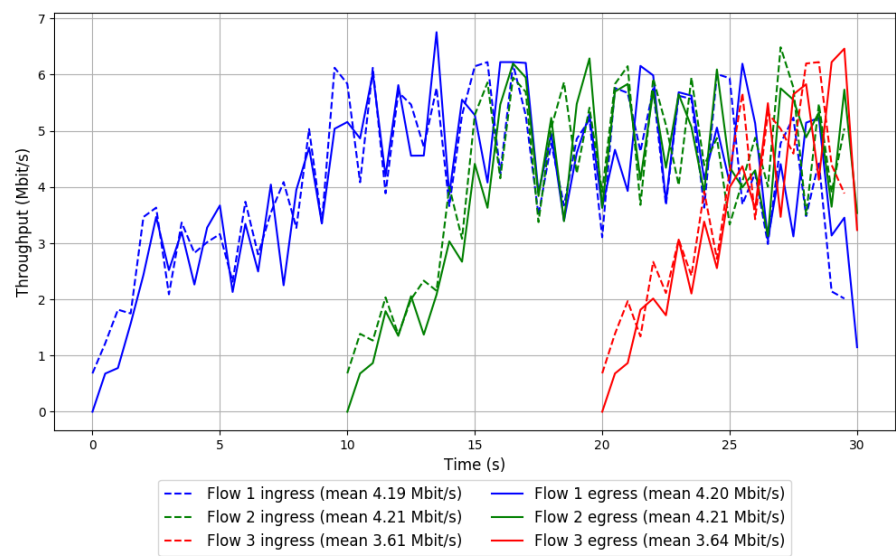


Run 2: Statistics of Sprout

Start at: 2019-07-12 03:08:27
End at: 2019-07-12 03:08:57
Local clock offset: -0.135 ms
Remote clock offset: -0.032 ms

Below is generated by plot.py at 2019-07-12 08:24:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.18 Mbit/s
95th percentile per-packet one-way delay: 86.657 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 4.20 Mbit/s
95th percentile per-packet one-way delay: 86.612 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 4.21 Mbit/s
95th percentile per-packet one-way delay: 86.683 ms
Loss rate: 0.90%
-- Flow 3:
Average throughput: 3.64 Mbit/s
95th percentile per-packet one-way delay: 86.722 ms
Loss rate: 0.92%

Run 2: Report of Sprout — Data Link

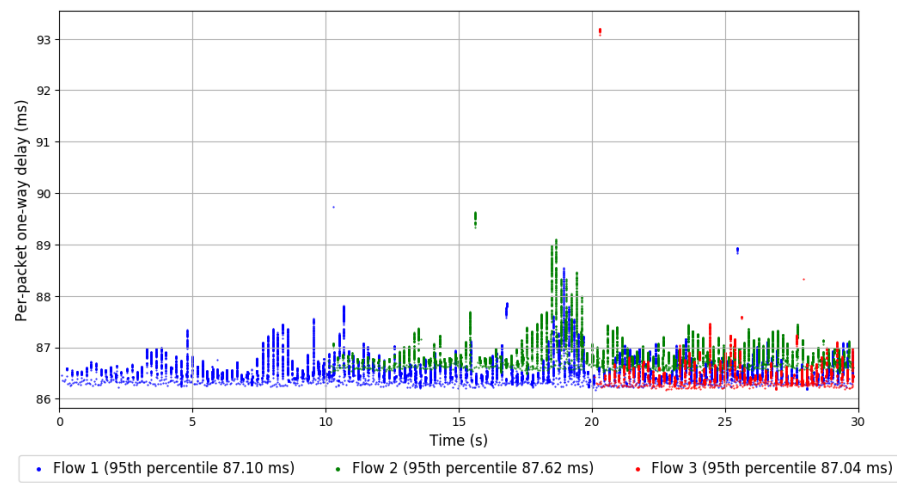
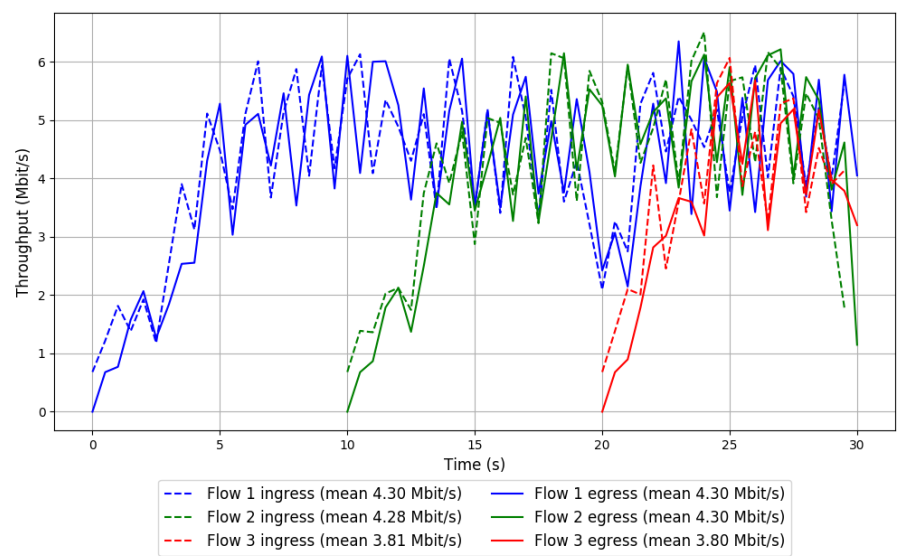


Run 3: Statistics of Sprout

Start at: 2019-07-12 03:50:31
End at: 2019-07-12 03:51:01
Local clock offset: 0.269 ms
Remote clock offset: 0.002 ms

Below is generated by plot.py at 2019-07-12 08:24:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.39 Mbit/s
95th percentile per-packet one-way delay: 87.317 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 4.30 Mbit/s
95th percentile per-packet one-way delay: 87.103 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 4.30 Mbit/s
95th percentile per-packet one-way delay: 87.616 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 3.80 Mbit/s
95th percentile per-packet one-way delay: 87.037 ms
Loss rate: 2.14%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2019-07-12 04:32:09

End at: 2019-07-12 04:32:39

Local clock offset: 0.089 ms

Remote clock offset: 0.007 ms

Below is generated by plot.py at 2019-07-12 08:24:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 8.55 Mbit/s

95th percentile per-packet one-way delay: 86.774 ms

Loss rate: 1.08%

-- Flow 1:

Average throughput: 4.67 Mbit/s

95th percentile per-packet one-way delay: 86.662 ms

Loss rate: 0.70%

-- Flow 2:

Average throughput: 4.21 Mbit/s

95th percentile per-packet one-way delay: 86.953 ms

Loss rate: 0.93%

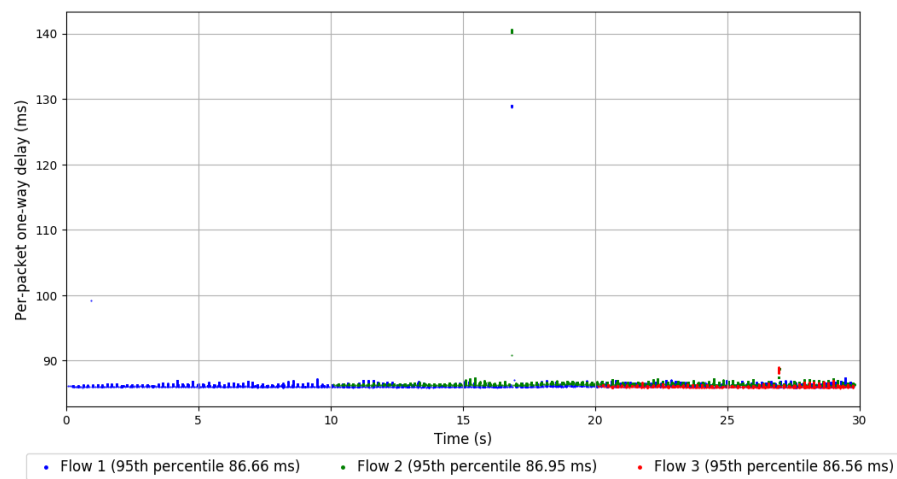
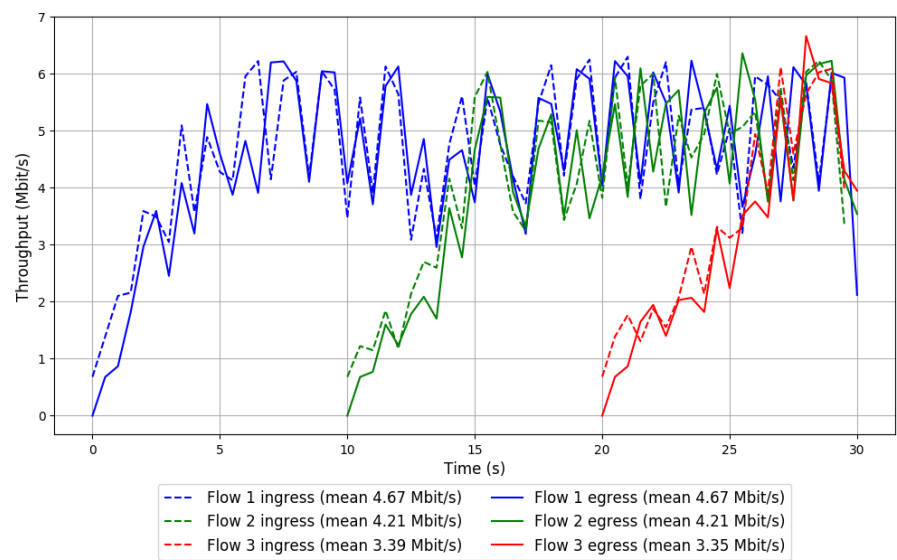
-- Flow 3:

Average throughput: 3.35 Mbit/s

95th percentile per-packet one-way delay: 86.560 ms

Loss rate: 3.01%

Run 4: Report of Sprout — Data Link

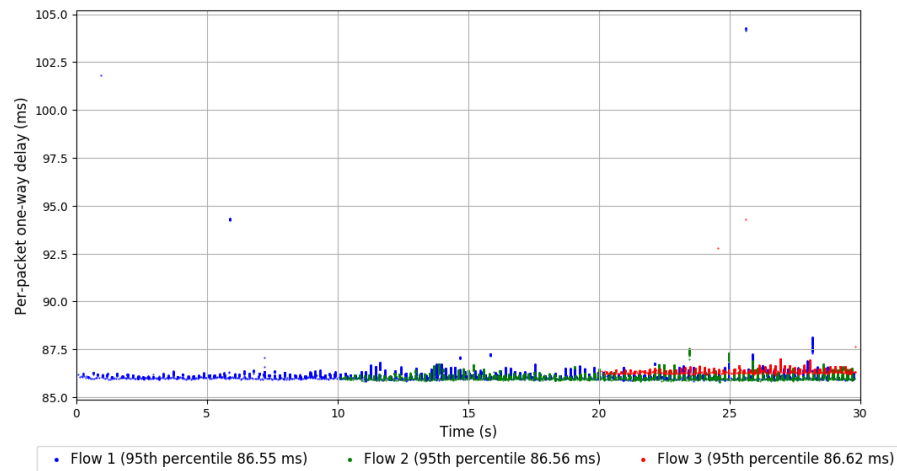
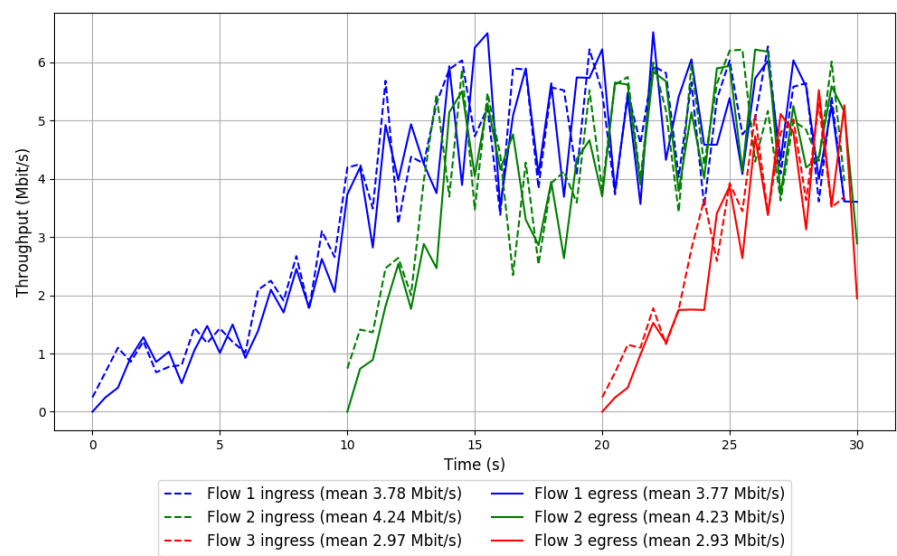


Run 5: Statistics of Sprout

Start at: 2019-07-12 05:14:01
End at: 2019-07-12 05:14:31
Local clock offset: 0.271 ms
Remote clock offset: -0.013 ms

Below is generated by plot.py at 2019-07-12 08:24:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 7.53 Mbit/s
95th percentile per-packet one-way delay: 86.587 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 3.77 Mbit/s
95th percentile per-packet one-way delay: 86.551 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 4.23 Mbit/s
95th percentile per-packet one-way delay: 86.565 ms
Loss rate: 1.15%
-- Flow 3:
Average throughput: 2.93 Mbit/s
95th percentile per-packet one-way delay: 86.621 ms
Loss rate: 2.98%

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2019-07-12 02:37:50

End at: 2019-07-12 02:38:20

Local clock offset: 0.175 ms

Remote clock offset: 0.016 ms

Below is generated by plot.py at 2019-07-12 08:30:15

Datalink statistics

-- Total of 3 flows:

Average throughput: 394.84 Mbit/s

95th percentile per-packet one-way delay: 90.523 ms

Loss rate: 0.98%

-- Flow 1:

Average throughput: 204.66 Mbit/s

95th percentile per-packet one-way delay: 89.447 ms

Loss rate: 0.59%

-- Flow 2:

Average throughput: 186.25 Mbit/s

95th percentile per-packet one-way delay: 93.840 ms

Loss rate: 0.98%

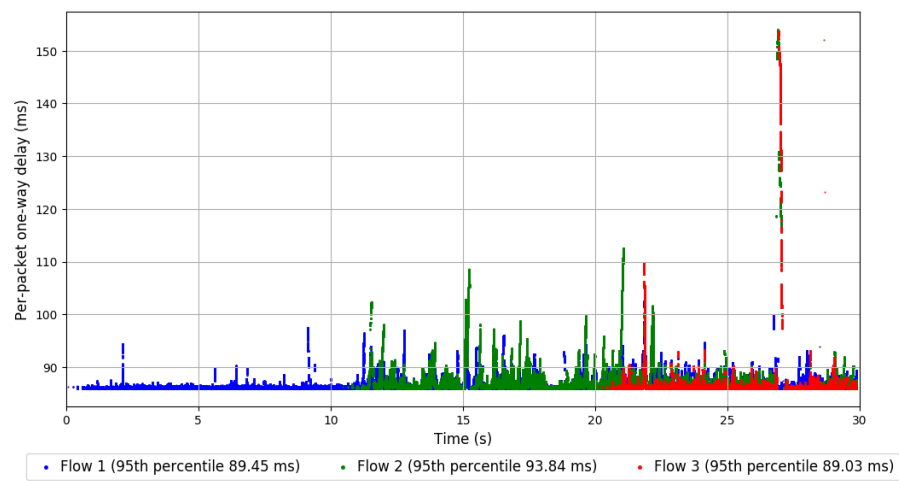
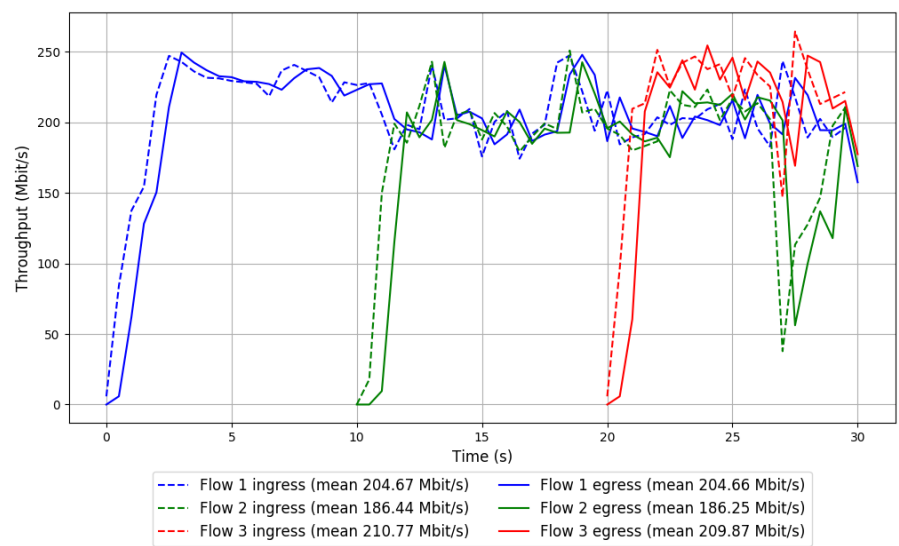
-- Flow 3:

Average throughput: 209.87 Mbit/s

95th percentile per-packet one-way delay: 89.030 ms

Loss rate: 2.16%

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

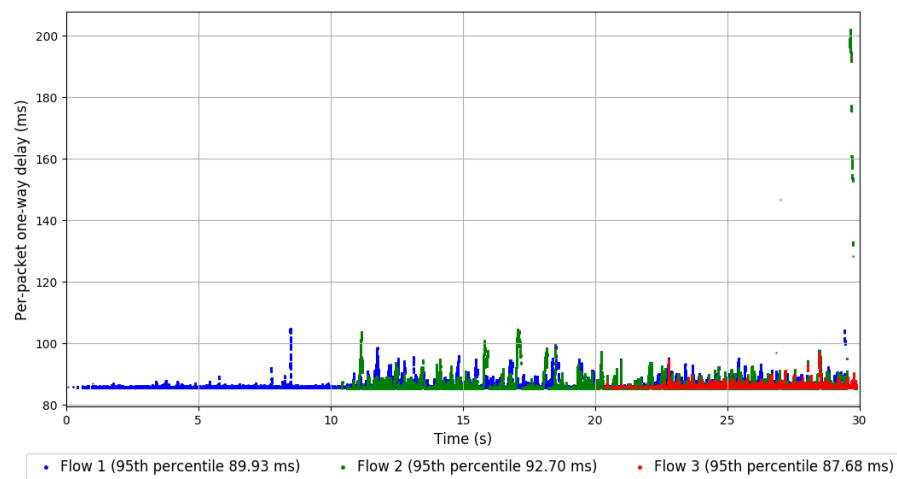
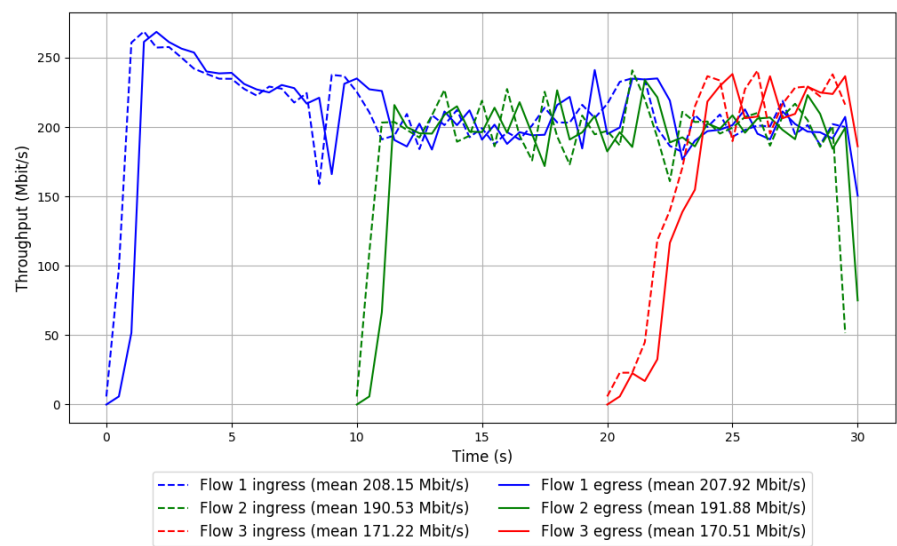


Run 2: Statistics of TaoVA-100x

Start at: 2019-07-12 03:19:48
End at: 2019-07-12 03:20:18
Local clock offset: -0.645 ms
Remote clock offset: -0.016 ms

Below is generated by plot.py at 2019-07-12 08:30:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 391.44 Mbit/s
95th percentile per-packet one-way delay: 90.452 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 207.92 Mbit/s
95th percentile per-packet one-way delay: 89.930 ms
Loss rate: 0.69%
-- Flow 2:
Average throughput: 191.88 Mbit/s
95th percentile per-packet one-way delay: 92.701 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 170.51 Mbit/s
95th percentile per-packet one-way delay: 87.679 ms
Loss rate: 2.14%

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

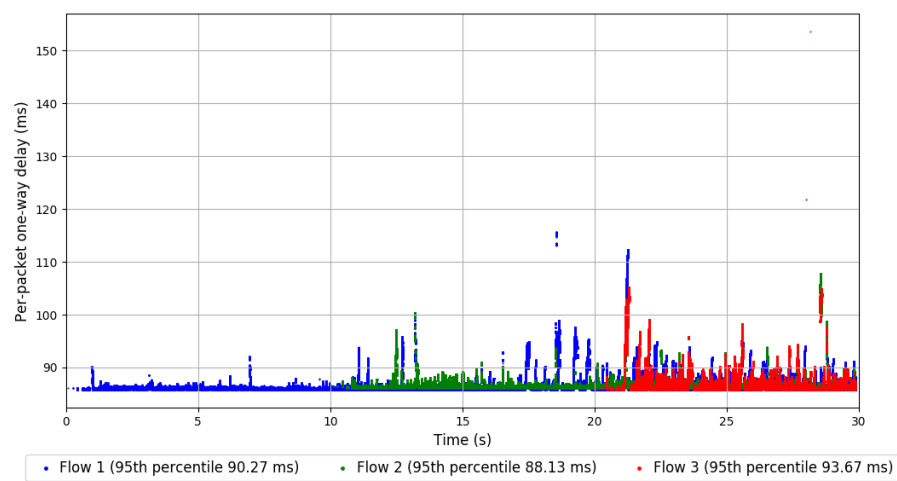
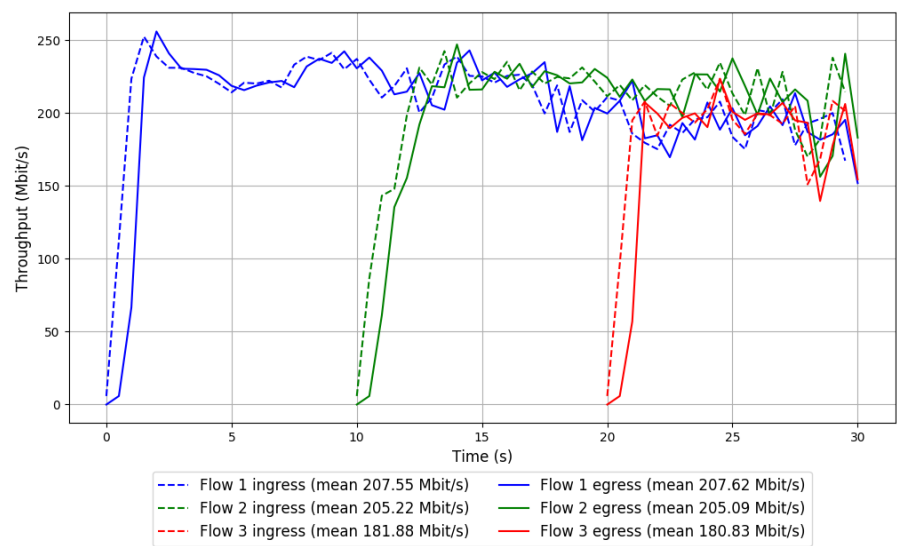


Run 3: Statistics of TaoVA-100x

Start at: 2019-07-12 04:01:38
End at: 2019-07-12 04:02:08
Local clock offset: -0.1 ms
Remote clock offset: -0.018 ms

Below is generated by plot.py at 2019-07-12 08:30:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 403.15 Mbit/s
95th percentile per-packet one-way delay: 90.100 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 207.62 Mbit/s
95th percentile per-packet one-way delay: 90.272 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 205.09 Mbit/s
95th percentile per-packet one-way delay: 88.133 ms
Loss rate: 0.93%
-- Flow 3:
Average throughput: 180.83 Mbit/s
95th percentile per-packet one-way delay: 93.666 ms
Loss rate: 2.30%

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



Run 4: Statistics of TaoVA-100x

Start at: 2019-07-12 04:43:16

End at: 2019-07-12 04:43:46

Local clock offset: -0.101 ms

Remote clock offset: 0.021 ms

Below is generated by plot.py at 2019-07-12 08:31:14

Datalink statistics

-- Total of 3 flows:

Average throughput: 416.37 Mbit/s

95th percentile per-packet one-way delay: 90.312 ms

Loss rate: 0.91%

-- Flow 1:

Average throughput: 221.69 Mbit/s

95th percentile per-packet one-way delay: 88.353 ms

Loss rate: 0.74%

-- Flow 2:

Average throughput: 199.67 Mbit/s

95th percentile per-packet one-way delay: 91.392 ms

Loss rate: 0.85%

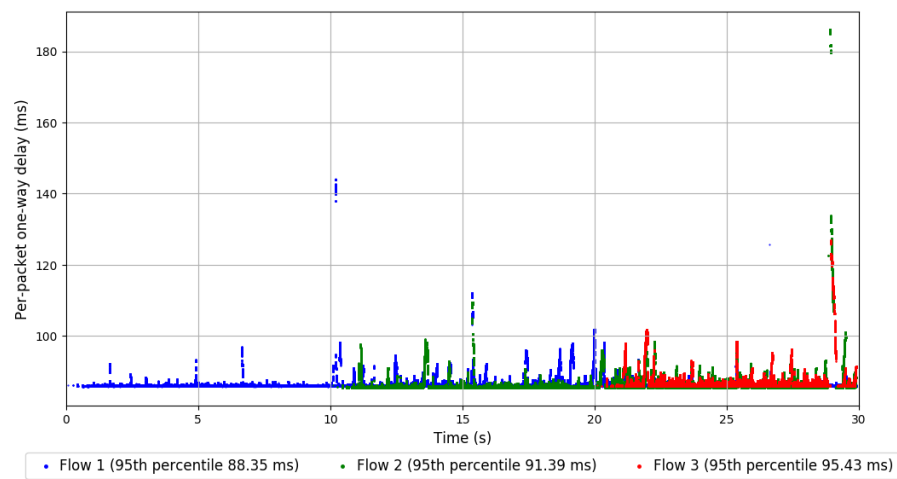
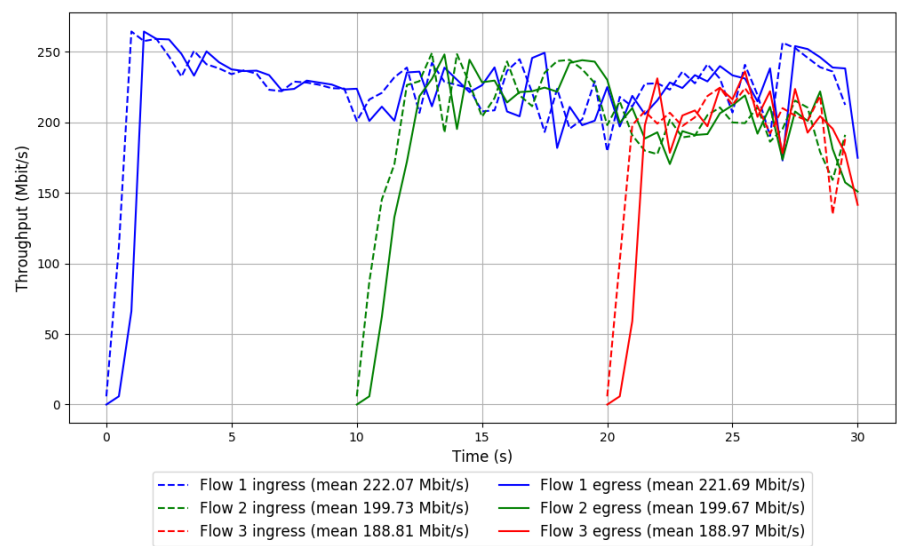
-- Flow 3:

Average throughput: 188.97 Mbit/s

95th percentile per-packet one-way delay: 95.426 ms

Loss rate: 1.65%

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



Run 5: Statistics of TaoVA-100x

Start at: 2019-07-12 05:25:07

End at: 2019-07-12 05:25:37

Local clock offset: 0.028 ms

Remote clock offset: 0.006 ms

Below is generated by plot.py at 2019-07-12 08:31:14

Datalink statistics

-- Total of 3 flows:

Average throughput: 404.33 Mbit/s

95th percentile per-packet one-way delay: 89.428 ms

Loss rate: 1.02%

-- Flow 1:

Average throughput: 217.33 Mbit/s

95th percentile per-packet one-way delay: 87.807 ms

Loss rate: 0.73%

-- Flow 2:

Average throughput: 194.30 Mbit/s

95th percentile per-packet one-way delay: 92.438 ms

Loss rate: 1.09%

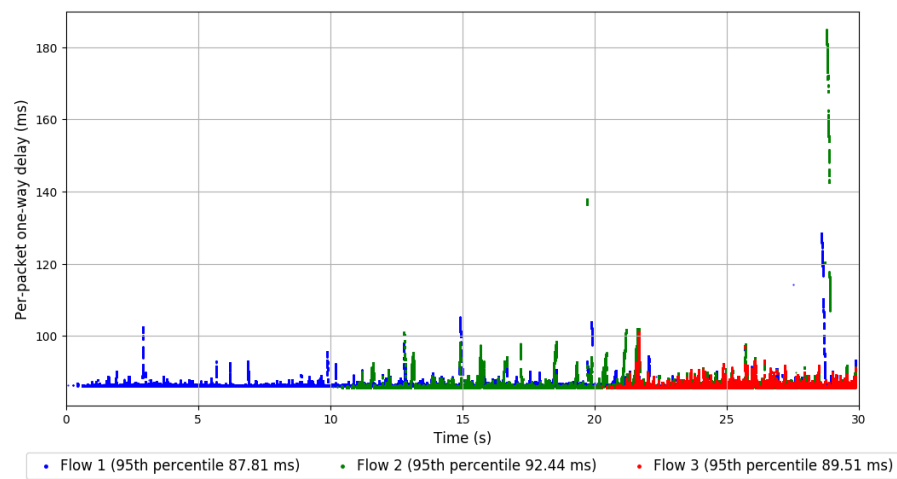
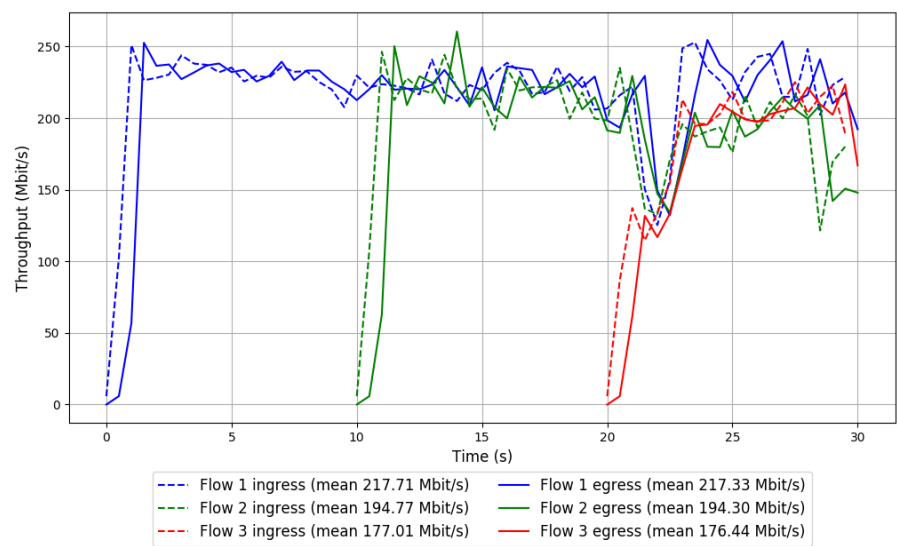
-- Flow 3:

Average throughput: 176.44 Mbit/s

95th percentile per-packet one-way delay: 89.511 ms

Loss rate: 1.93%

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

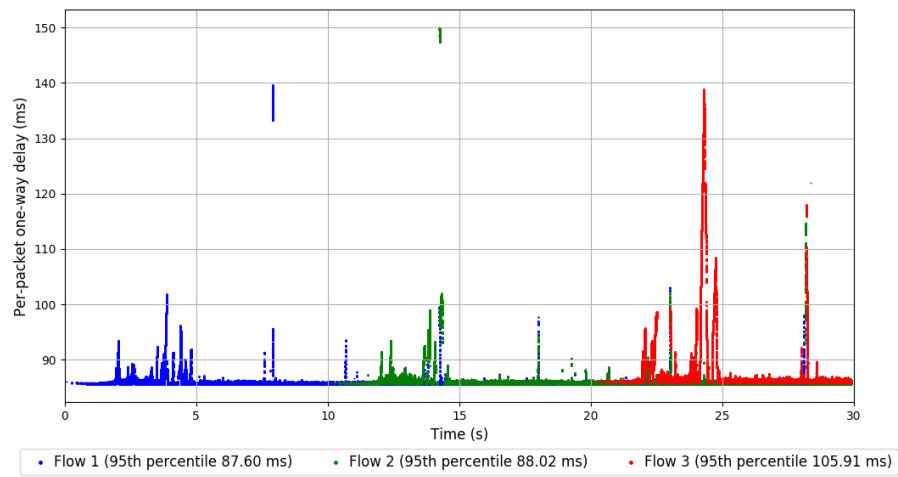
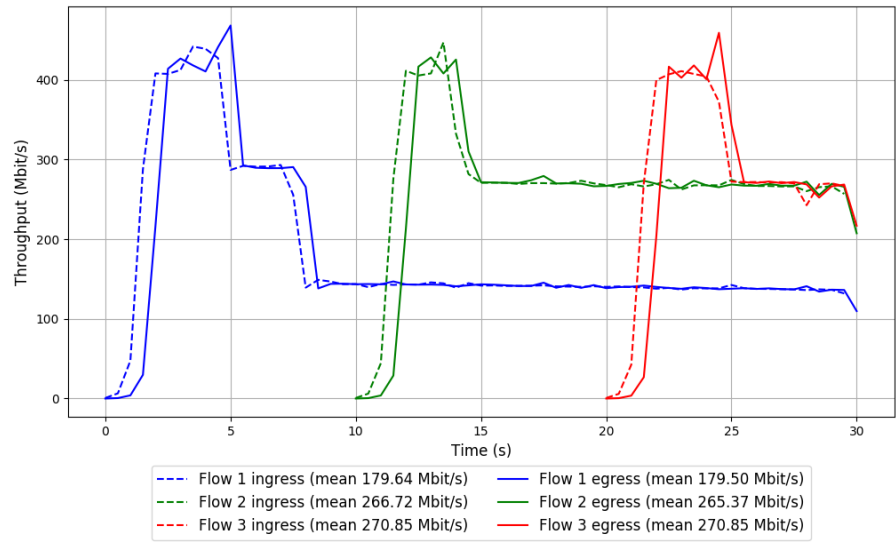


Run 1: Statistics of TCP Vegas

Start at: 2019-07-12 02:24:48
End at: 2019-07-12 02:25:18
Local clock offset: -0.335 ms
Remote clock offset: -0.021 ms

Below is generated by plot.py at 2019-07-12 08:31:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 444.77 Mbit/s
95th percentile per-packet one-way delay: 90.334 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 179.50 Mbit/s
95th percentile per-packet one-way delay: 87.602 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 265.37 Mbit/s
95th percentile per-packet one-way delay: 88.019 ms
Loss rate: 1.37%
-- Flow 3:
Average throughput: 270.85 Mbit/s
95th percentile per-packet one-way delay: 105.905 ms
Loss rate: 1.72%

Run 1: Report of TCP Vegas — Data Link

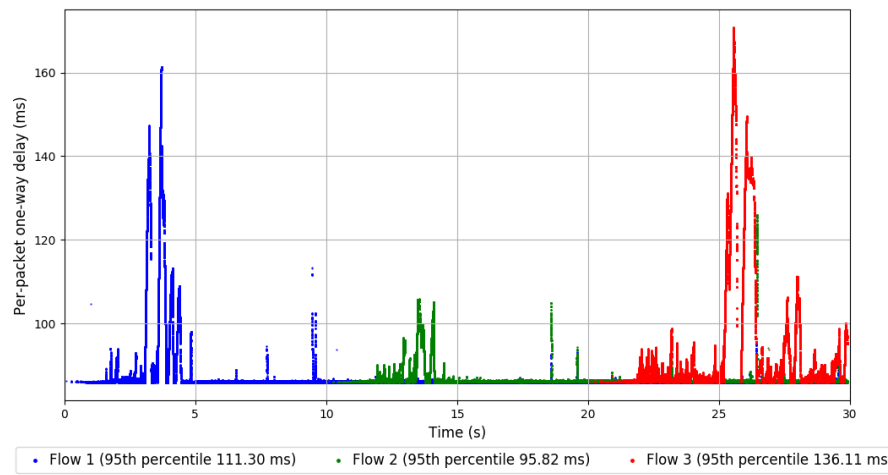
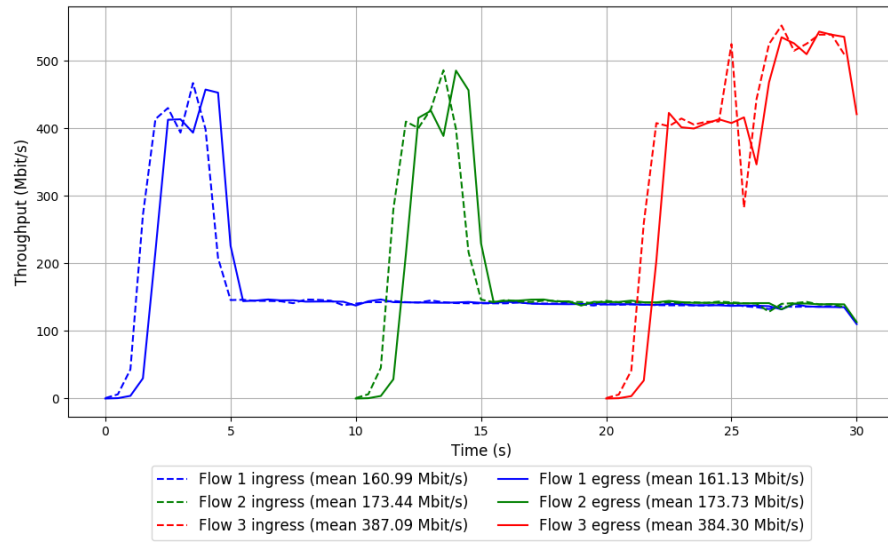


Run 2: Statistics of TCP Vegas

Start at: 2019-07-12 03:06:47
End at: 2019-07-12 03:07:17
Local clock offset: 0.082 ms
Remote clock offset: -0.013 ms

Below is generated by plot.py at 2019-07-12 08:31:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 402.75 Mbit/s
95th percentile per-packet one-way delay: 115.940 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 161.13 Mbit/s
95th percentile per-packet one-way delay: 111.297 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 173.73 Mbit/s
95th percentile per-packet one-way delay: 95.824 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 384.30 Mbit/s
95th percentile per-packet one-way delay: 136.109 ms
Loss rate: 2.42%

Run 2: Report of TCP Vegas — Data Link

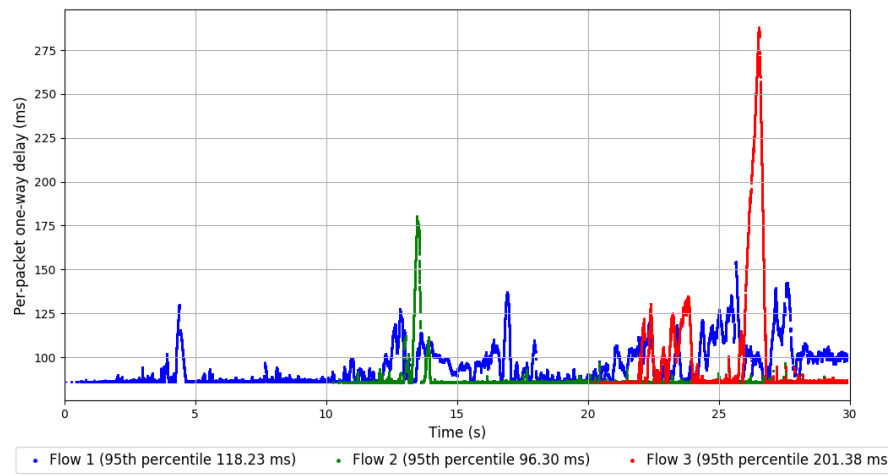
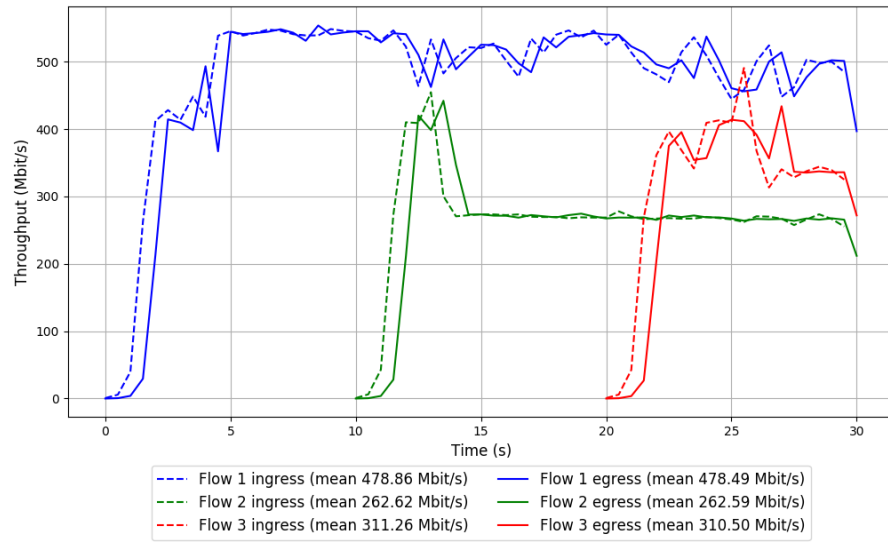


Run 3: Statistics of TCP Vegas

Start at: 2019-07-12 03:48:34
End at: 2019-07-12 03:49:04
Local clock offset: -0.119 ms
Remote clock offset: -0.006 ms

Below is generated by plot.py at 2019-07-12 08:40:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 754.92 Mbit/s
95th percentile per-packet one-way delay: 121.299 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 478.49 Mbit/s
95th percentile per-packet one-way delay: 118.230 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 262.59 Mbit/s
95th percentile per-packet one-way delay: 96.304 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 310.50 Mbit/s
95th percentile per-packet one-way delay: 201.376 ms
Loss rate: 1.96%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2019-07-12 04:30:24

End at: 2019-07-12 04:30:54

Local clock offset: 0.1 ms

Remote clock offset: 0.003 ms

Below is generated by plot.py at 2019-07-12 08:40:53

Datalink statistics

-- Total of 3 flows:

Average throughput: 532.78 Mbit/s

95th percentile per-packet one-way delay: 89.042 ms

Loss rate: 0.92%

-- Flow 1:

Average throughput: 256.42 Mbit/s

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

Loss rate: 0.70%

-- Flow 2:

Average throughput: 266.74 Mbit/s

95th percentile per-packet one-way delay: 88.722 ms

Loss rate: 0.89%

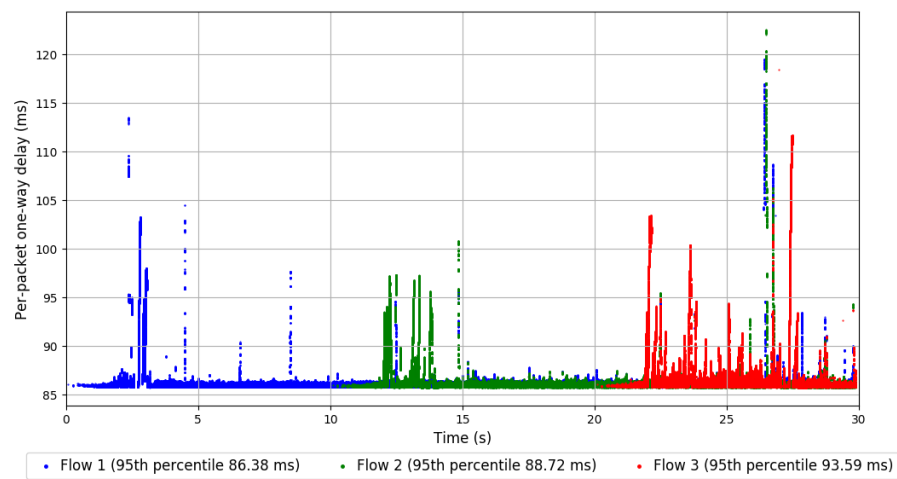
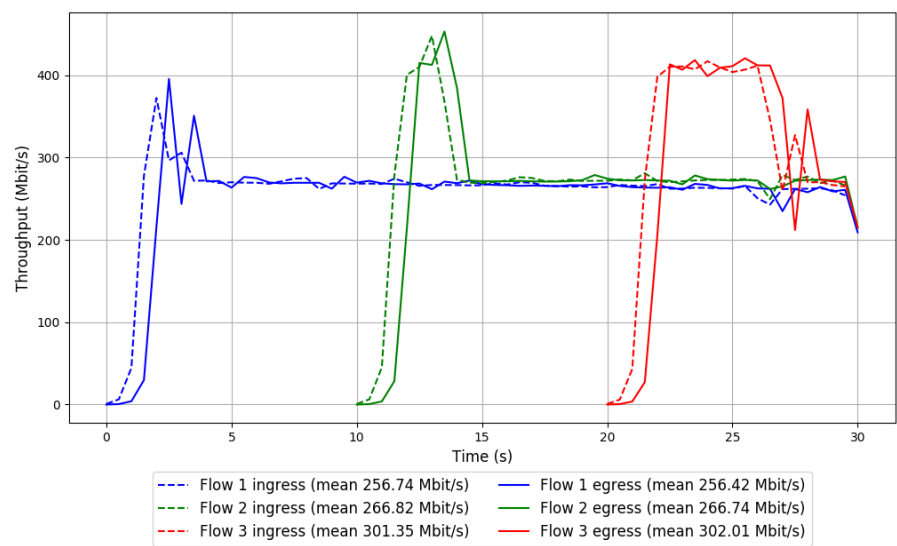
-- Flow 3:

Average throughput: 302.01 Mbit/s

95th percentile per-packet one-way delay: 93.595 ms

Loss rate: 1.53%

Run 4: Report of TCP Vegas — Data Link

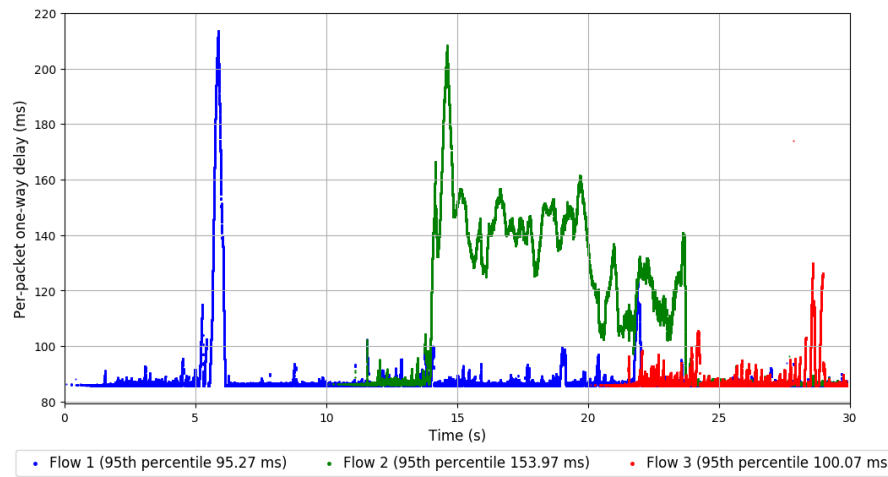
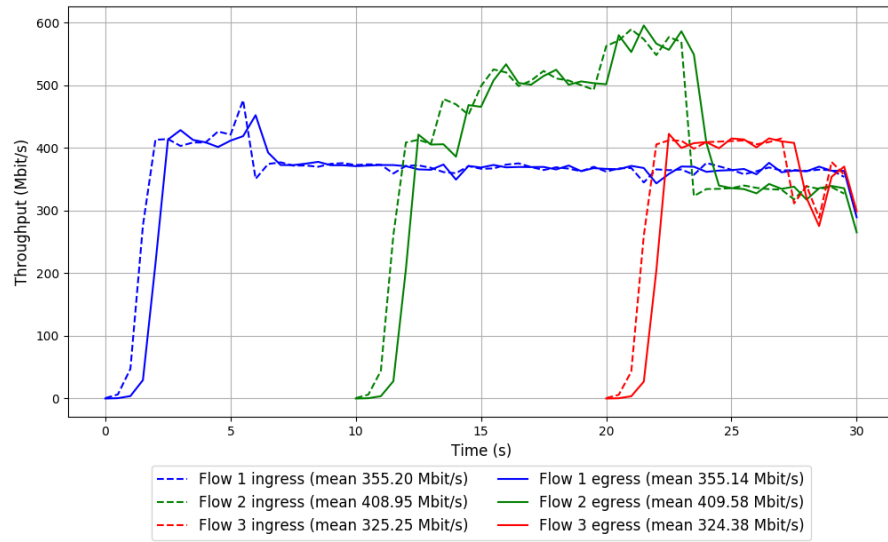


Run 5: Statistics of TCP Vegas

Start at: 2019-07-12 05:12:05
End at: 2019-07-12 05:12:35
Local clock offset: 0.27 ms
Remote clock offset: -0.003 ms

Below is generated by plot.py at 2019-07-12 08:42:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 733.74 Mbit/s
95th percentile per-packet one-way delay: 148.660 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 355.14 Mbit/s
95th percentile per-packet one-way delay: 95.274 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 409.58 Mbit/s
95th percentile per-packet one-way delay: 153.970 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 324.38 Mbit/s
95th percentile per-packet one-way delay: 100.069 ms
Loss rate: 1.99%

Run 5: Report of TCP Vegas — Data Link

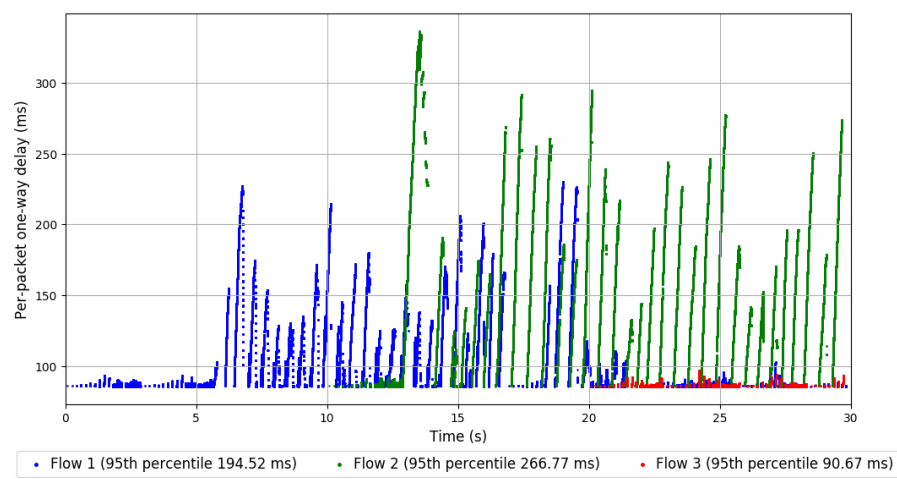
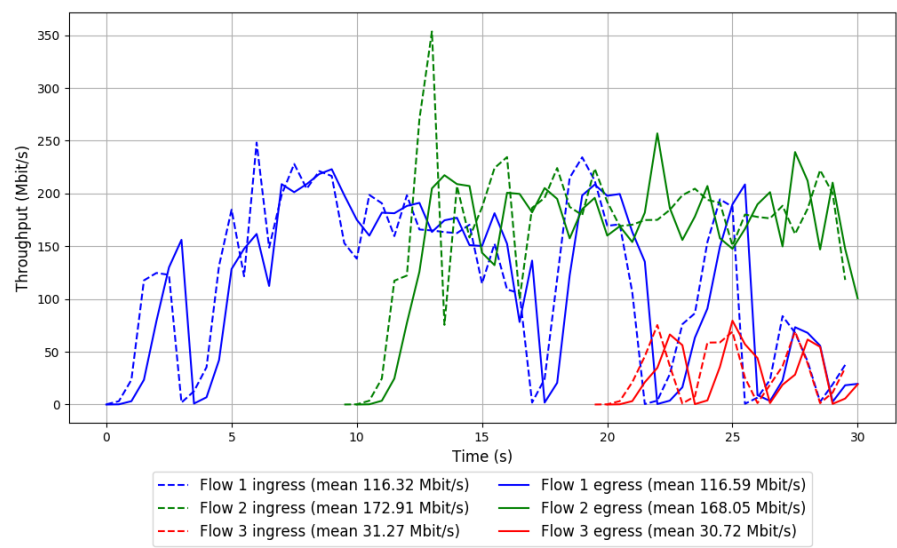


Run 1: Statistics of Verus

Start at: 2019-07-12 02:17:48
End at: 2019-07-12 02:18:18
Local clock offset: -0.087 ms
Remote clock offset: -0.009 ms

Below is generated by plot.py at 2019-07-12 08:42:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 237.24 Mbit/s
95th percentile per-packet one-way delay: 241.399 ms
Loss rate: 2.43%
-- Flow 1:
Average throughput: 116.59 Mbit/s
95th percentile per-packet one-way delay: 194.518 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 168.05 Mbit/s
95th percentile per-packet one-way delay: 266.770 ms
Loss rate: 4.42%
-- Flow 3:
Average throughput: 30.72 Mbit/s
95th percentile per-packet one-way delay: 90.666 ms
Loss rate: 3.57%

Run 1: Report of Verus — Data Link

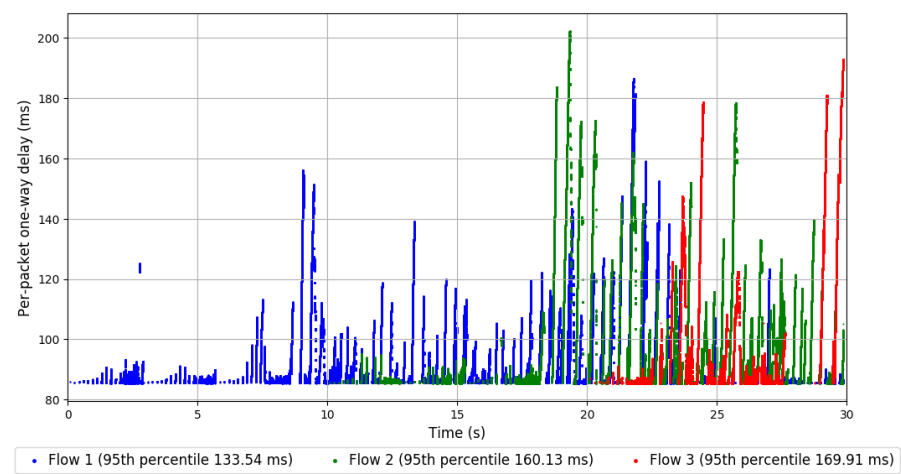
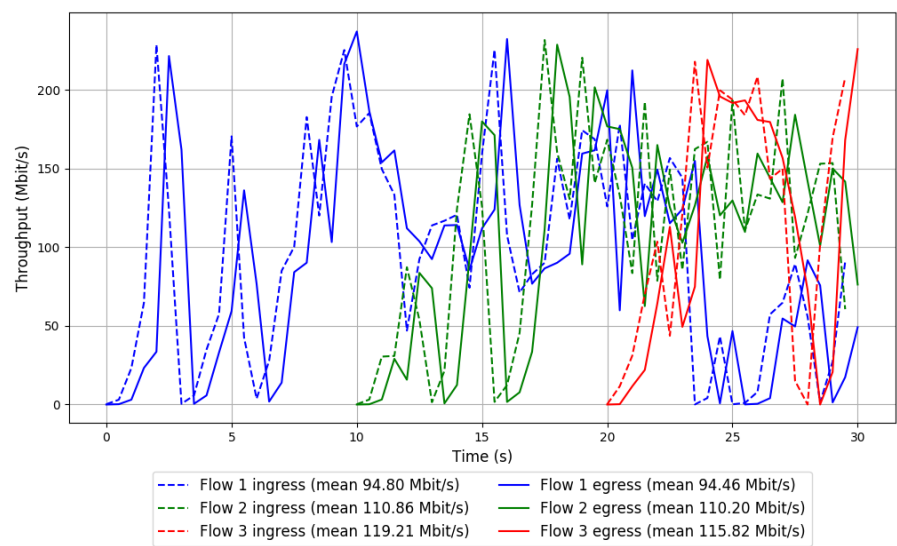


Run 2: Statistics of Verus

Start at: 2019-07-12 02:59:54
End at: 2019-07-12 03:00:24
Local clock offset: -0.389 ms
Remote clock offset: -0.009 ms

Below is generated by plot.py at 2019-07-12 08:42:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 205.53 Mbit/s
95th percentile per-packet one-way delay: 152.870 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 94.46 Mbit/s
95th percentile per-packet one-way delay: 133.539 ms
Loss rate: 0.91%
-- Flow 2:
Average throughput: 110.20 Mbit/s
95th percentile per-packet one-way delay: 160.128 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 115.82 Mbit/s
95th percentile per-packet one-way delay: 169.911 ms
Loss rate: 2.78%

Run 2: Report of Verus — Data Link

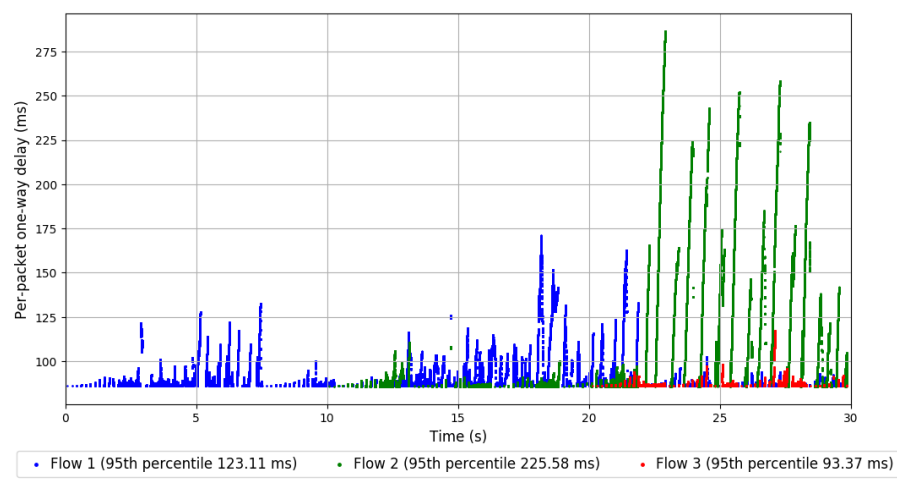
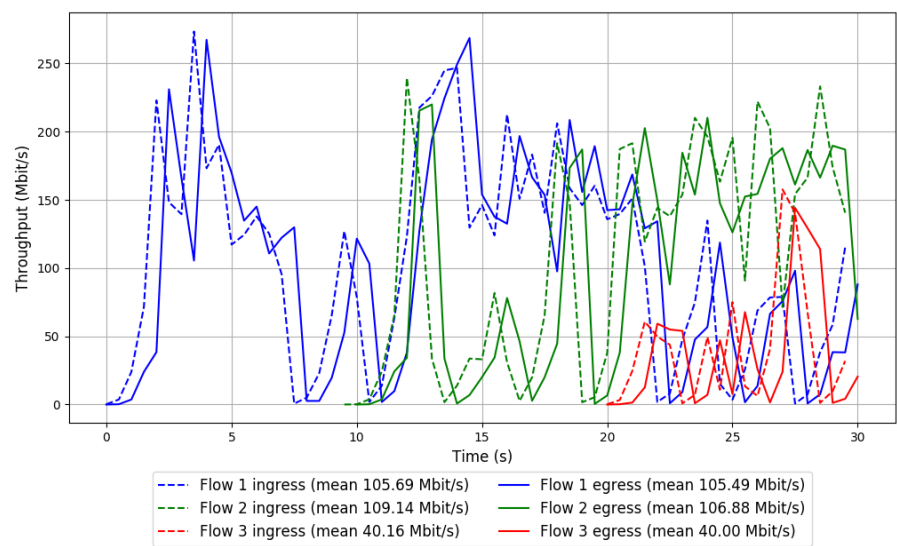


Run 3: Statistics of Verus

Start at: 2019-07-12 03:41:42
End at: 2019-07-12 03:42:12
Local clock offset: -0.306 ms
Remote clock offset: -0.009 ms

Below is generated by plot.py at 2019-07-12 08:42:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 189.54 Mbit/s
95th percentile per-packet one-way delay: 183.139 ms
Loss rate: 1.67%
-- Flow 1:
Average throughput: 105.49 Mbit/s
95th percentile per-packet one-way delay: 123.114 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 106.88 Mbit/s
95th percentile per-packet one-way delay: 225.579 ms
Loss rate: 2.91%
-- Flow 3:
Average throughput: 40.00 Mbit/s
95th percentile per-packet one-way delay: 93.369 ms
Loss rate: 2.14%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2019-07-12 04:23:25

End at: 2019-07-12 04:23:55

Local clock offset: 0.301 ms

Remote clock offset: 0.042 ms

Below is generated by plot.py at 2019-07-12 08:42:25

Datalink statistics

-- Total of 3 flows:

Average throughput: 234.95 Mbit/s

95th percentile per-packet one-way delay: 216.311 ms

Loss rate: 2.75%

-- Flow 1:

Average throughput: 155.15 Mbit/s

95th percentile per-packet one-way delay: 233.682 ms

Loss rate: 3.63%

-- Flow 2:

Average throughput: 106.78 Mbit/s

95th percentile per-packet one-way delay: 191.482 ms

Loss rate: 1.13%

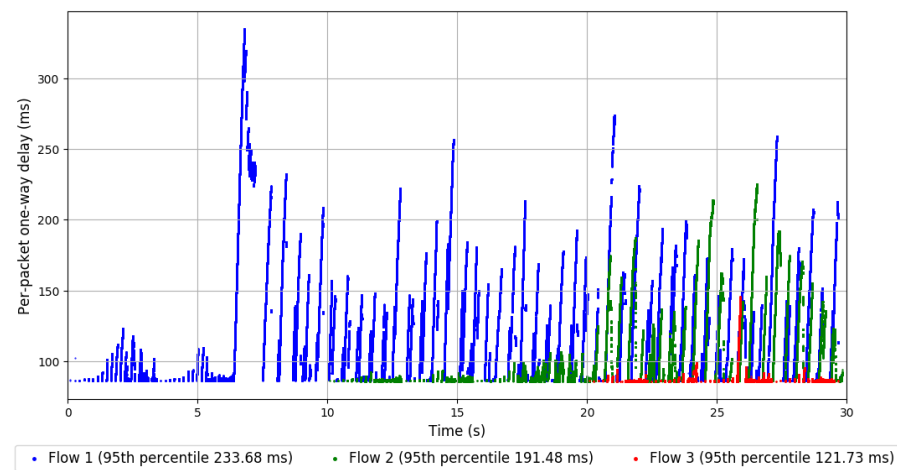
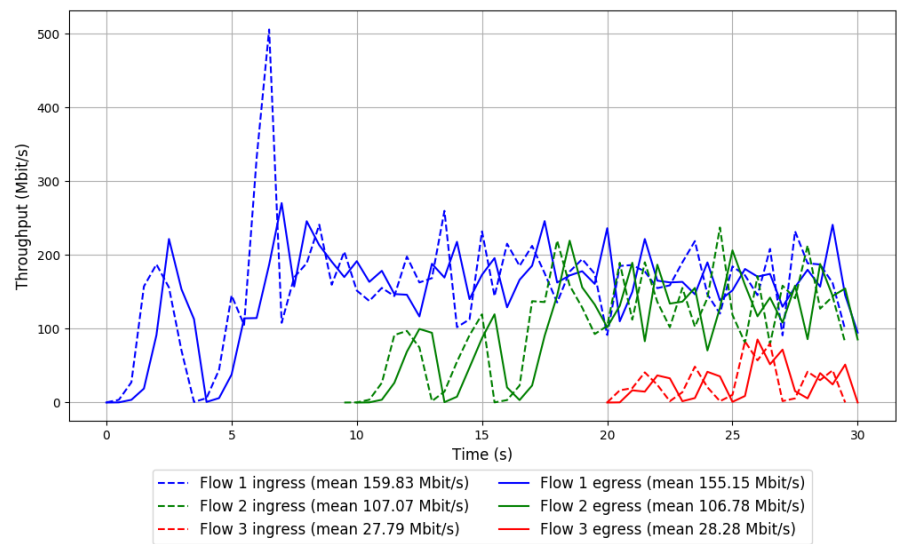
-- Flow 3:

Average throughput: 28.28 Mbit/s

95th percentile per-packet one-way delay: 121.735 ms

Loss rate: 0.03%

Run 4: Report of Verus — Data Link

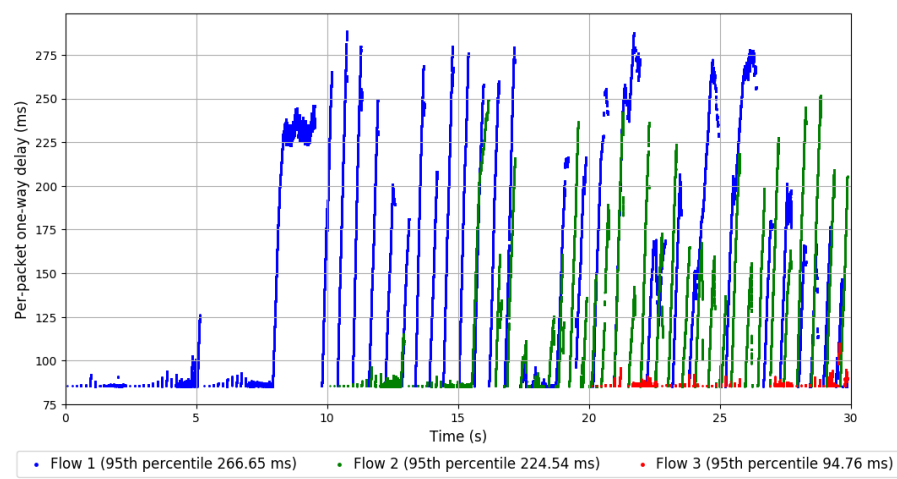
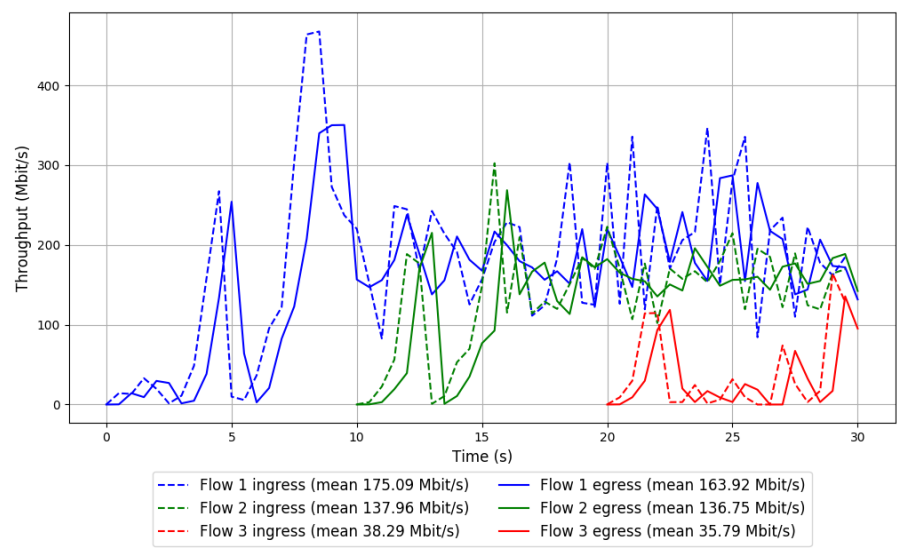


Run 5: Statistics of Verus

Start at: 2019-07-12 05:05:07
End at: 2019-07-12 05:05:37
Local clock offset: -0.223 ms
Remote clock offset: 0.002 ms

Below is generated by plot.py at 2019-07-12 08:42:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 266.38 Mbit/s
95th percentile per-packet one-way delay: 257.826 ms
Loss rate: 4.89%
-- Flow 1:
Average throughput: 163.92 Mbit/s
95th percentile per-packet one-way delay: 266.650 ms
Loss rate: 6.92%
-- Flow 2:
Average throughput: 136.75 Mbit/s
95th percentile per-packet one-way delay: 224.539 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 35.79 Mbit/s
95th percentile per-packet one-way delay: 94.760 ms
Loss rate: 8.15%

Run 5: Report of Verus — Data Link

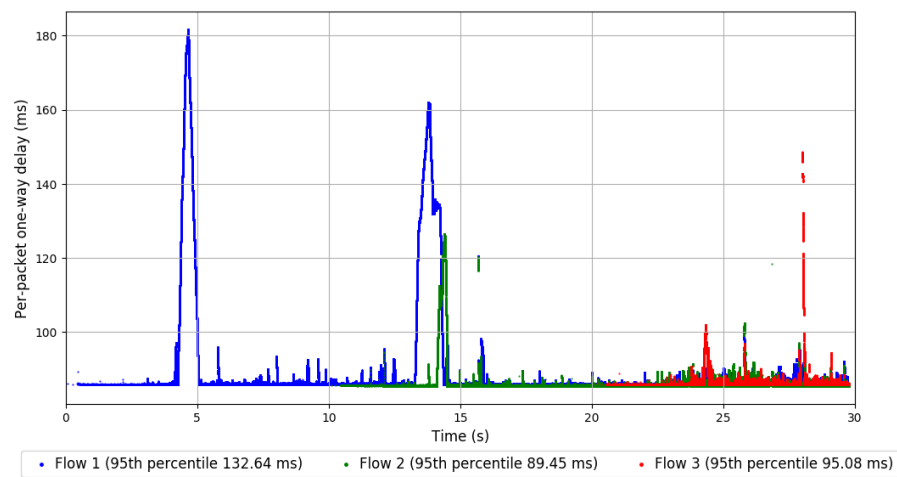
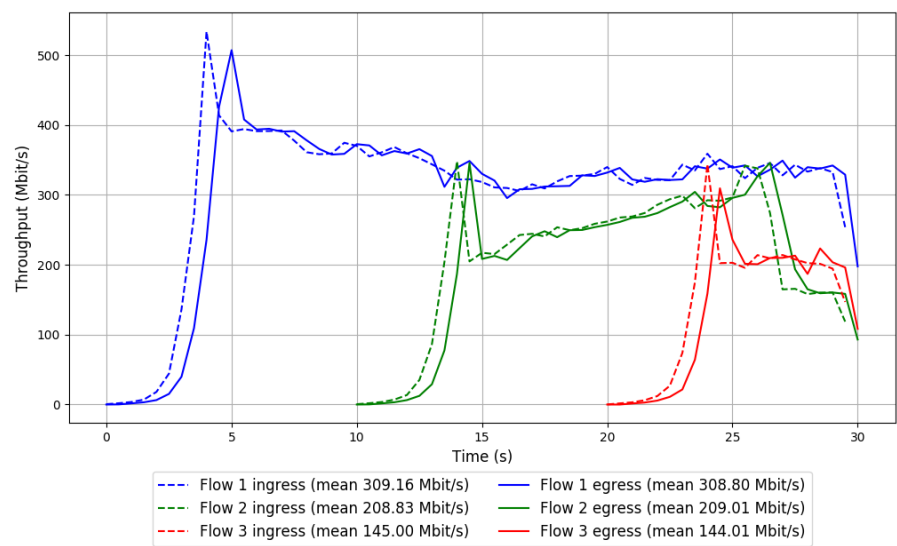


Run 1: Statistics of PCC-Vivace

Start at: 2019-07-12 02:53:11
End at: 2019-07-12 02:53:41
Local clock offset: -0.471 ms
Remote clock offset: -0.027 ms

Below is generated by plot.py at 2019-07-12 08:44:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 493.93 Mbit/s
95th percentile per-packet one-way delay: 108.774 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 308.80 Mbit/s
95th percentile per-packet one-way delay: 132.640 ms
Loss rate: 0.69%
-- Flow 2:
Average throughput: 209.01 Mbit/s
95th percentile per-packet one-way delay: 89.455 ms
Loss rate: 0.78%
-- Flow 3:
Average throughput: 144.01 Mbit/s
95th percentile per-packet one-way delay: 95.084 ms
Loss rate: 2.45%

Run 1: Report of PCC-Vivace — Data Link

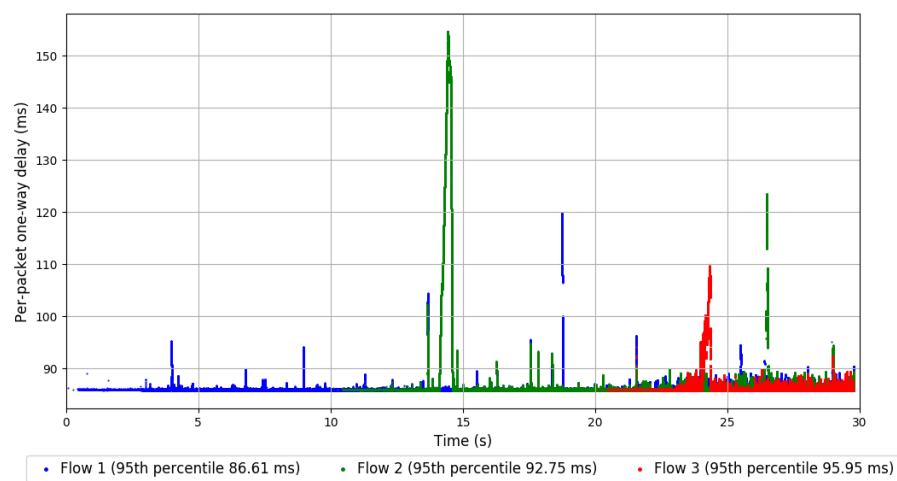
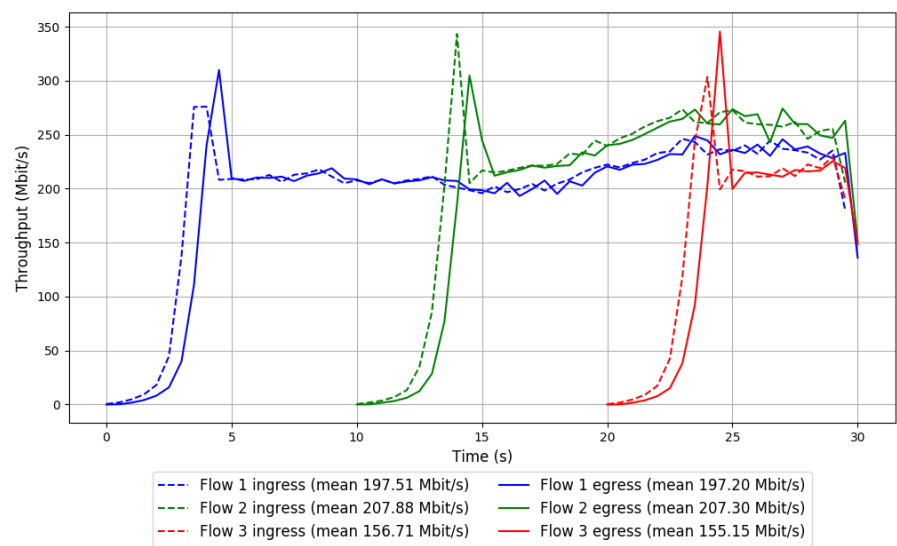


Run 2: Statistics of PCC-Vivace

Start at: 2019-07-12 03:35:07
End at: 2019-07-12 03:35:37
Local clock offset: -0.159 ms
Remote clock offset: -0.051 ms

Below is generated by plot.py at 2019-07-12 08:44:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 385.23 Mbit/s
95th percentile per-packet one-way delay: 87.953 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 197.20 Mbit/s
95th percentile per-packet one-way delay: 86.614 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 207.30 Mbit/s
95th percentile per-packet one-way delay: 92.747 ms
Loss rate: 1.15%
-- Flow 3:
Average throughput: 155.15 Mbit/s
95th percentile per-packet one-way delay: 95.948 ms
Loss rate: 2.75%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2019-07-12 04:16:50

End at: 2019-07-12 04:17:20

Local clock offset: 0.044 ms

Remote clock offset: 0.007 ms

Below is generated by plot.py at 2019-07-12 08:44:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 425.20 Mbit/s

95th percentile per-packet one-way delay: 91.838 ms

Loss rate: 0.79%

-- Flow 1:

Average throughput: 245.68 Mbit/s

95th percentile per-packet one-way delay: 90.199 ms

Loss rate: 0.78%

-- Flow 2:

Average throughput: 195.30 Mbit/s

95th percentile per-packet one-way delay: 87.686 ms

Loss rate: 1.09%

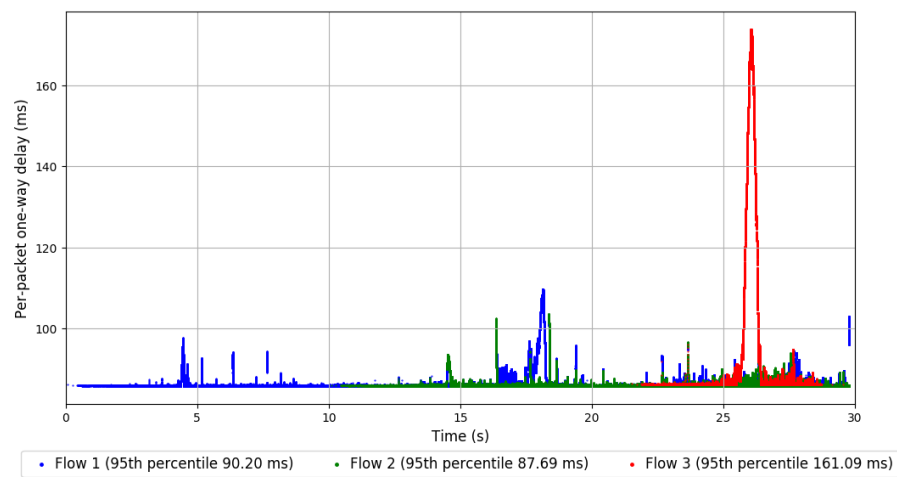
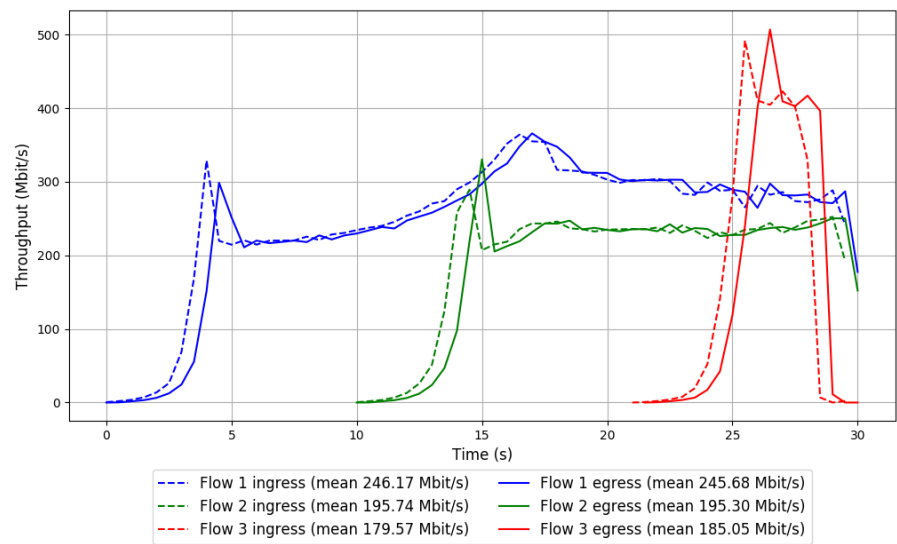
-- Flow 3:

Average throughput: 185.05 Mbit/s

95th percentile per-packet one-way delay: 161.091 ms

Loss rate: 0.07%

Run 3: Report of PCC-Vivace — Data Link

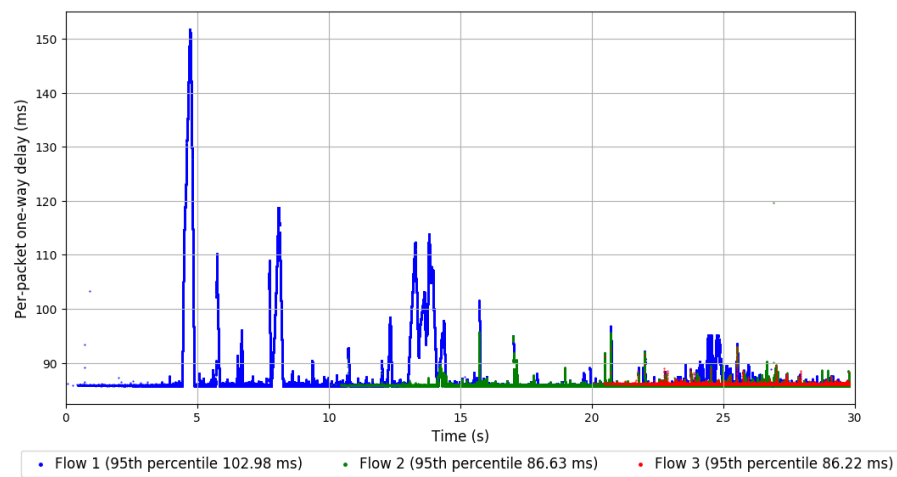
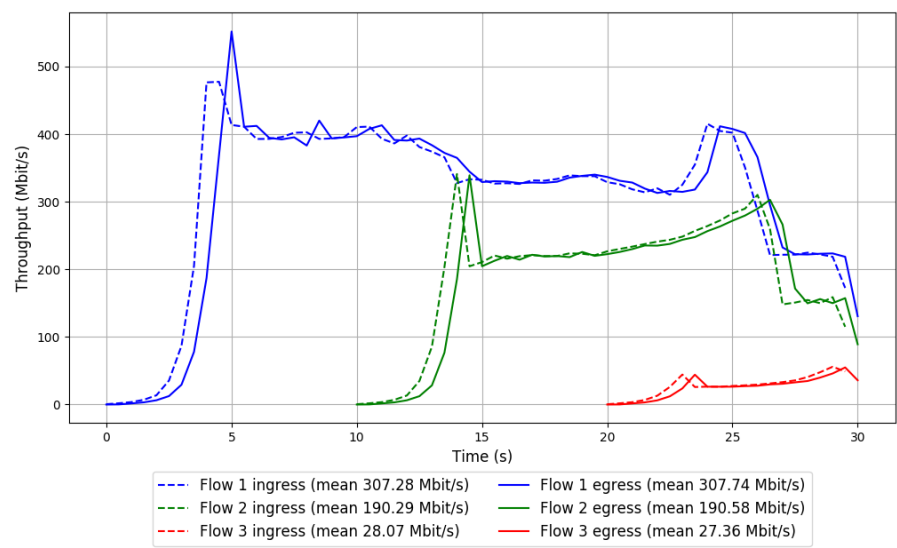


Run 4: Statistics of PCC-Vivace

Start at: 2019-07-12 04:58:26
End at: 2019-07-12 04:58:56
Local clock offset: 0.199 ms
Remote clock offset: -0.003 ms

Below is generated by plot.py at 2019-07-12 08:44:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 443.02 Mbit/s
95th percentile per-packet one-way delay: 97.491 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 307.74 Mbit/s
95th percentile per-packet one-way delay: 102.982 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 190.58 Mbit/s
95th percentile per-packet one-way delay: 86.627 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 27.36 Mbit/s
95th percentile per-packet one-way delay: 86.224 ms
Loss rate: 4.21%

Run 4: Report of PCC-Vivace — Data Link

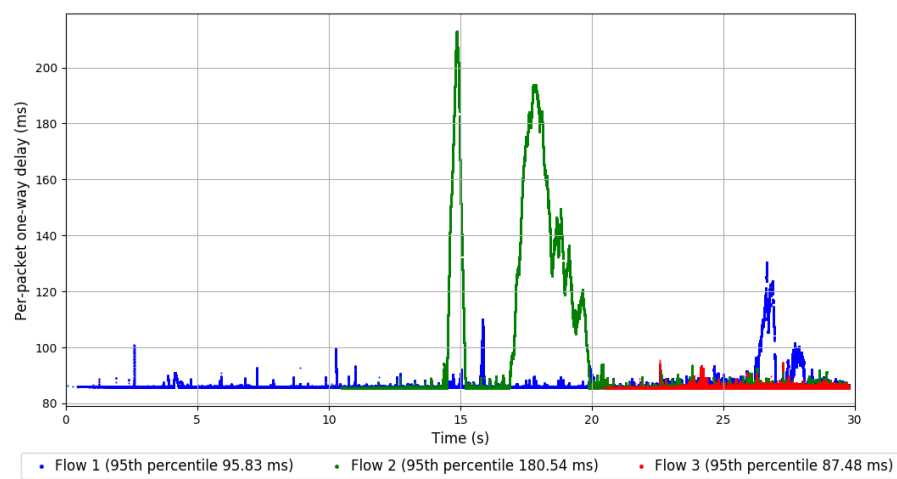
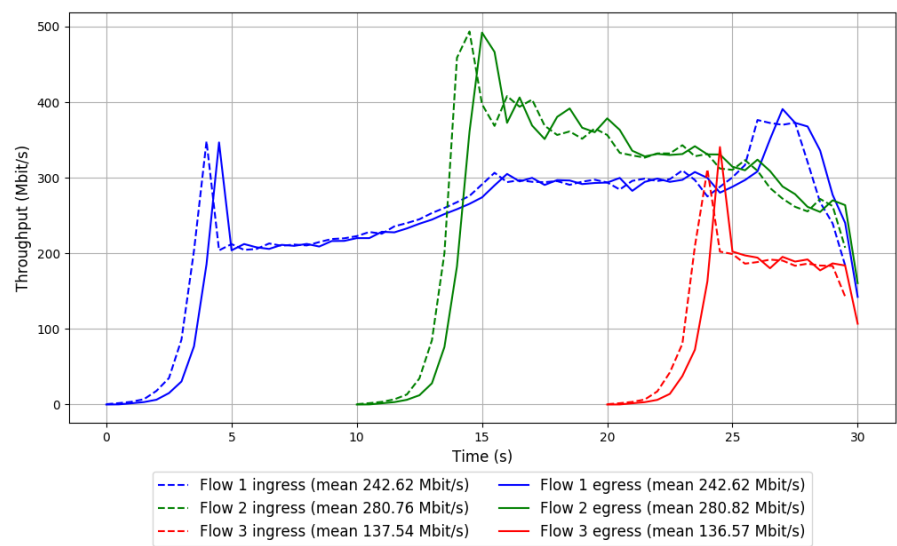


Run 5: Statistics of PCC-Vivace

Start at: 2019-07-12 05:40:14
End at: 2019-07-12 05:40:44
Local clock offset: -0.473 ms
Remote clock offset: -0.072 ms

Below is generated by plot.py at 2019-07-12 08:45:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 473.37 Mbit/s
95th percentile per-packet one-way delay: 140.261 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 242.62 Mbit/s
95th percentile per-packet one-way delay: 95.827 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 280.82 Mbit/s
95th percentile per-packet one-way delay: 180.538 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 136.57 Mbit/s
95th percentile per-packet one-way delay: 87.480 ms
Loss rate: 2.46%

Run 5: Report of PCC-Vivace — Data Link



Run 1: Statistics of WebRTC media

Start at: 2019-07-12 02:21:38

End at: 2019-07-12 02:22:08

Local clock offset: -0.141 ms

Remote clock offset: 0.031 ms

Below is generated by plot.py at 2019-07-12 08:45:03

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.14 Mbit/s

95th percentile per-packet one-way delay: 86.005 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 86.063 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 85.977 ms

Loss rate: 0.00%

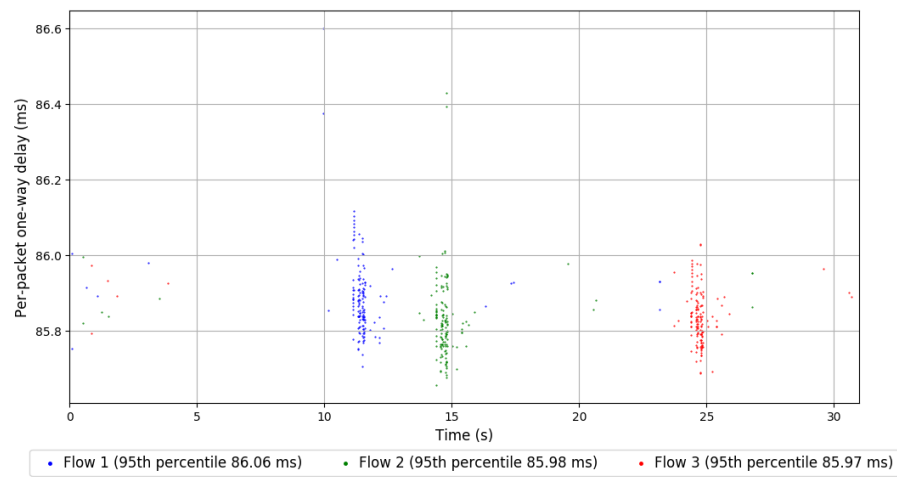
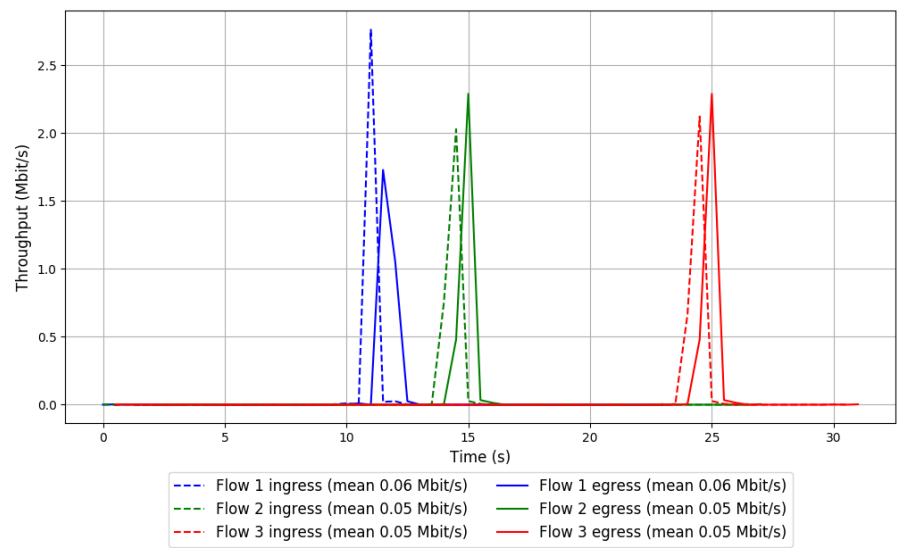
-- Flow 3:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 85.971 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

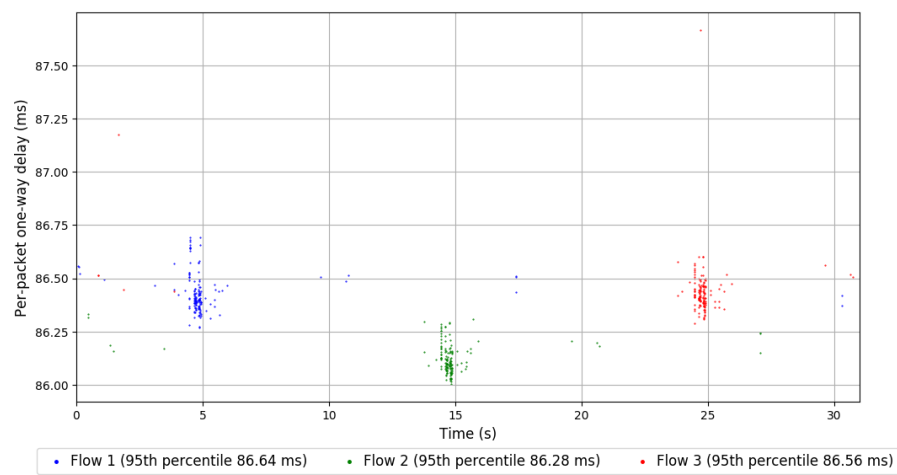
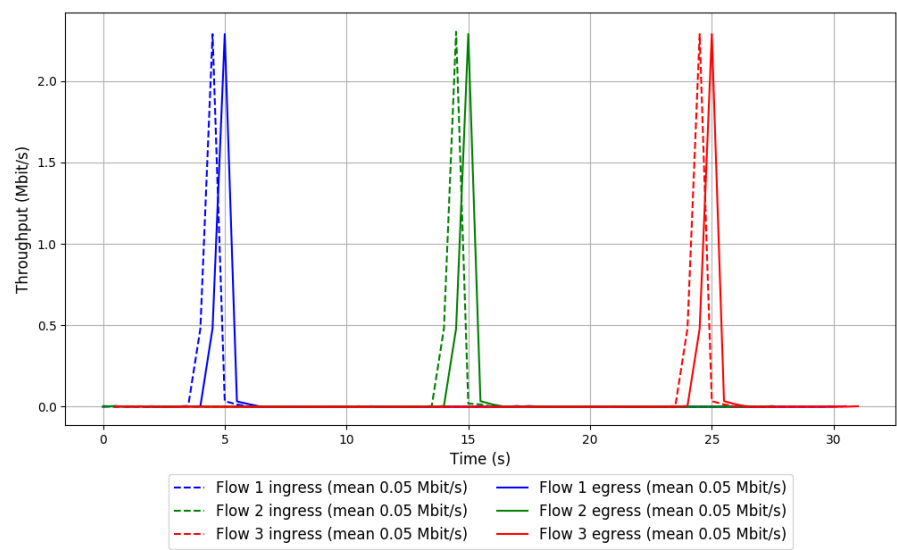


Run 2: Statistics of WebRTC media

Start at: 2019-07-12 03:03:38
End at: 2019-07-12 03:04:08
Local clock offset: 0.075 ms
Remote clock offset: -0.026 ms

Below is generated by plot.py at 2019-07-12 08:45:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 86.570 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 86.642 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 86.275 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 86.560 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

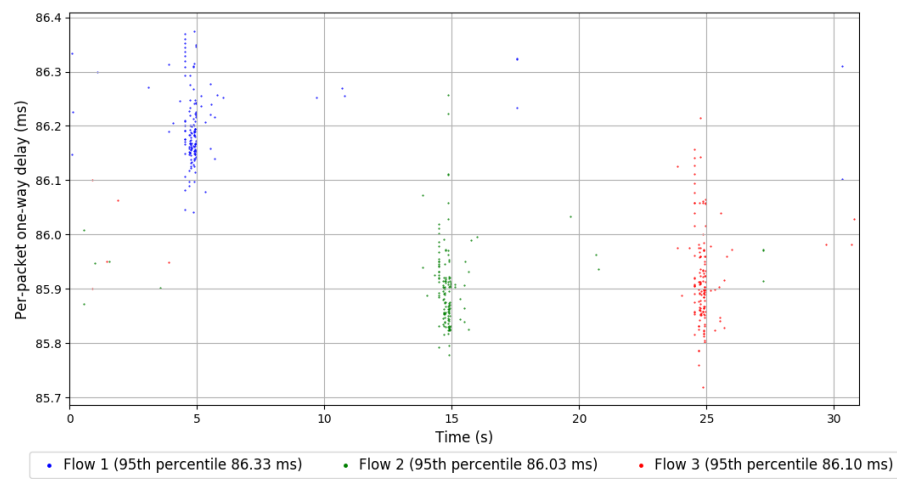
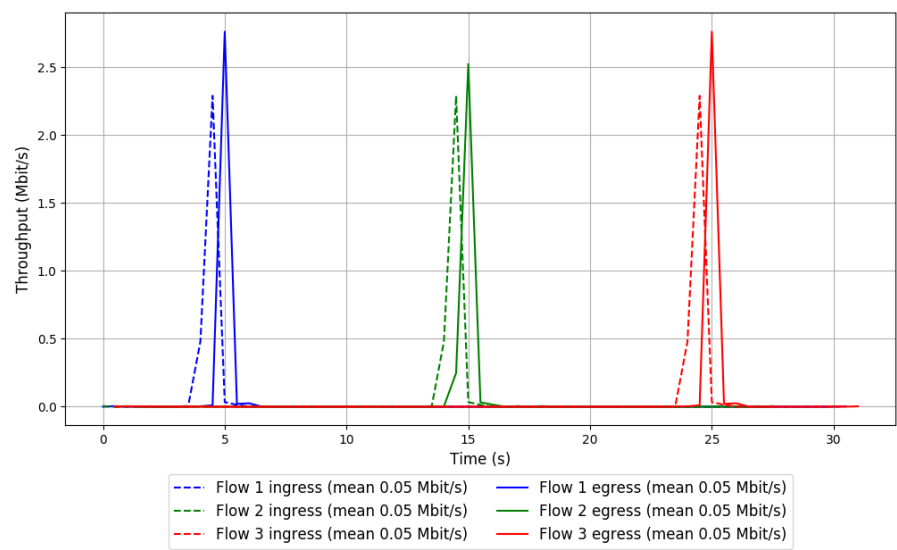


Run 3: Statistics of WebRTC media

Start at: 2019-07-12 03:45:22
End at: 2019-07-12 03:45:52
Local clock offset: -0.165 ms
Remote clock offset: -0.025 ms

Below is generated by plot.py at 2019-07-12 08:45:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 86.277 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 86.333 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 86.028 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 86.101 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2019-07-12 04:27:13

End at: 2019-07-12 04:27:43

Local clock offset: 0.085 ms

Remote clock offset: 0.067 ms

Below is generated by plot.py at 2019-07-12 08:45:03

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.14 Mbit/s

95th percentile per-packet one-way delay: 86.102 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.06 Mbit/s

95th percentile per-packet one-way delay: 86.147 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 86.118 ms

Loss rate: 0.00%

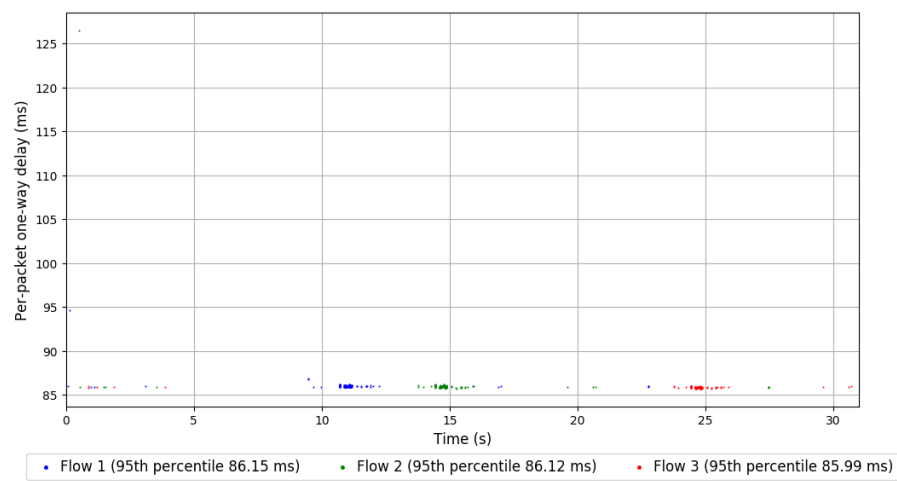
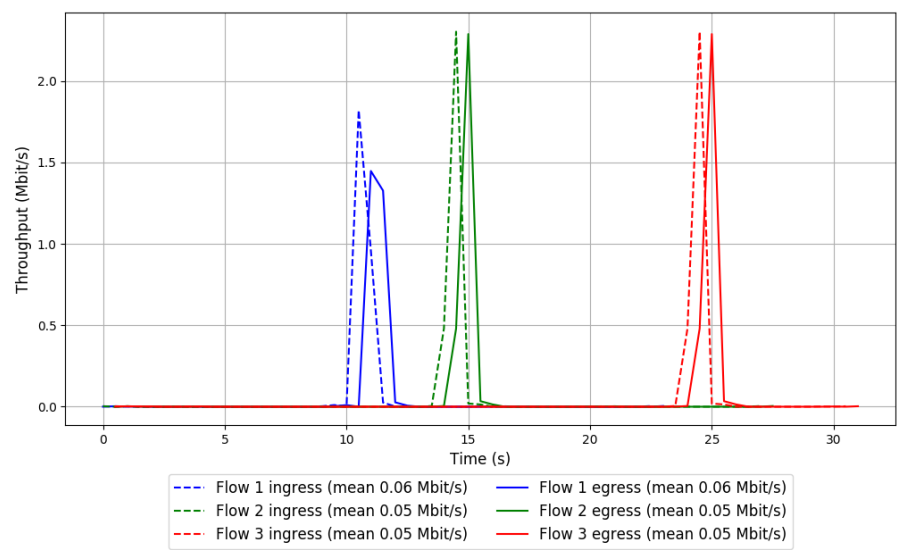
-- Flow 3:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 85.991 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2019-07-12 05:08:56

End at: 2019-07-12 05:09:26

Local clock offset: 0.075 ms

Remote clock offset: 0.025 ms

Below is generated by plot.py at 2019-07-12 08:45:03

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.14 Mbit/s

95th percentile per-packet one-way delay: 85.939 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 85.920 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 85.950 ms

Loss rate: 0.00%

-- Flow 3:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 85.917 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

