

Pantheon Report

Generated at 2018-08-22 08:08:50 (UTC).

Data path: AWS India 2 Ethernet (*local*) → Saudi Arabia Ethernet (*remote*).

Repeated the test of 17 congestion control schemes 10 times.

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

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

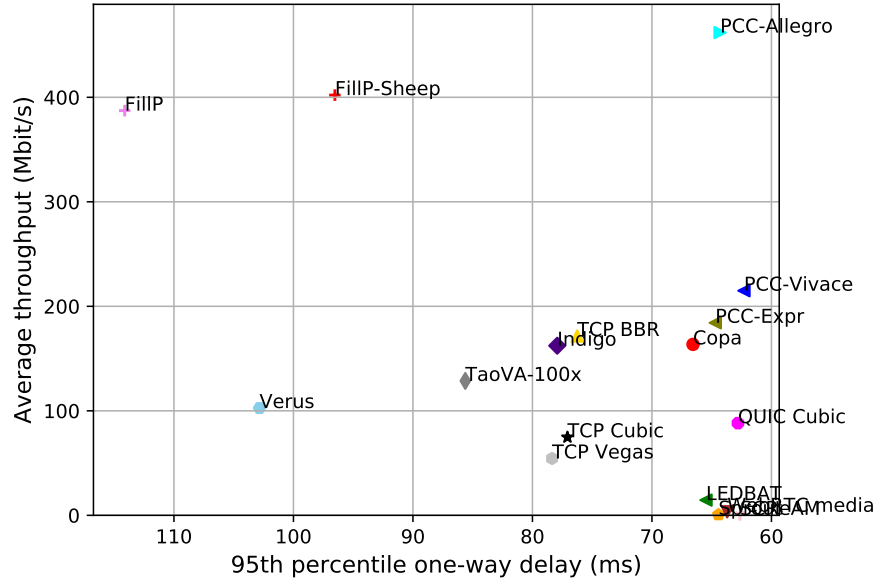
System info:

```
Linux 4.15.0-1016-aws
net.core.default_qdisc = fq_codel
net.core.rmem_default = 16777216
net.core.rmem_max = 33554432
net.core.wmem_default = 212992
net.core.wmem_max = 212992
net.ipv4.tcp_rmem = 4096 87380 6291456
net.ipv4.tcp_wmem = 4096 16384 4194304
```

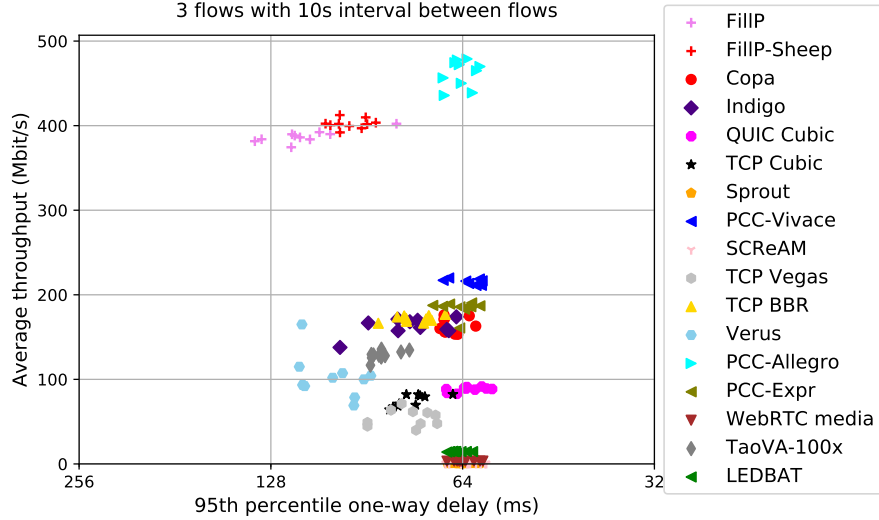
Git summary:

```
branch: master @ 7719b900495aa706f8452ab7d4a94dd562e9296e
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdfef58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
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-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
M src/ScreamClient
M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

test from AWS India 2 to Saudi Arabia, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows (mean of all runs by scheme)



test from AWS India 2 to Saudi Arabia, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows



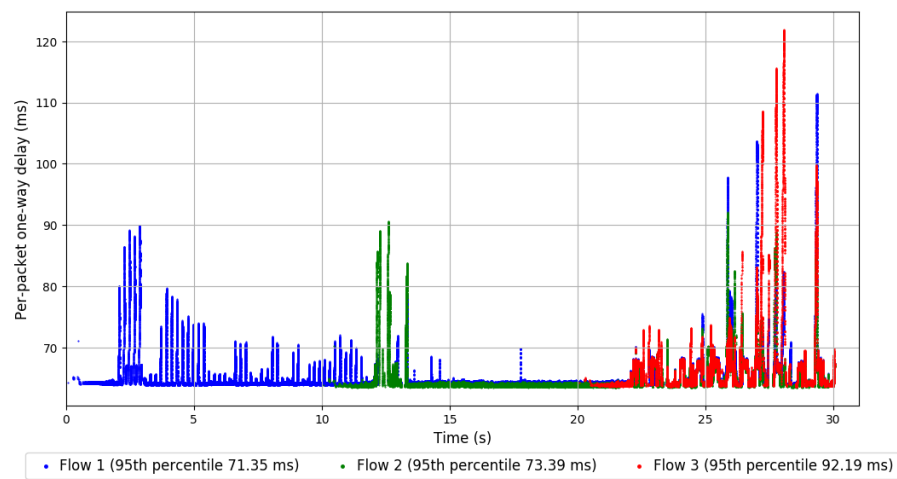
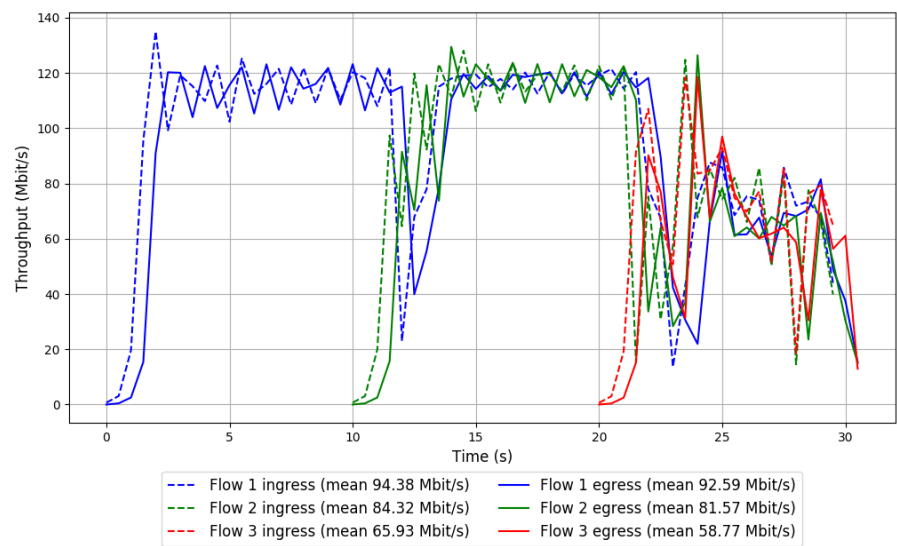
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	94.30	84.24	63.89	74.89	75.82	83.80	1.62	2.94	8.24
Copa	10	112.12	64.59	25.60	66.77	65.10	65.16	11.26	11.80	11.68
TCP Cubic	10	34.31	37.34	46.75	75.90	75.12	81.15	1.75	2.31	2.60
FillP	10	361.77	28.09	20.50	115.74	65.22	65.54	26.03	24.69	25.72
FillP-Sheep	10	314.55	87.81	87.81	98.15	74.48	70.57	30.19	35.35	39.18
Indigo	10	70.90	97.39	83.70	73.56	81.17	78.38	9.24	16.61	26.74
LEDBAT	10	9.42	6.30	3.04	65.44	64.30	63.19	0.00	0.00	0.00
PCC-Allegro	10	424.55	37.80	37.11	64.02	63.90	64.43	5.24	2.53	3.24
PCC-Expr	10	168.98	16.49	12.91	64.68	64.63	64.39	3.40	1.55	1.88
QUIC Cubic	10	53.31	39.60	26.52	62.18	62.53	64.77	0.00	0.00	0.03
SCReAM	10	0.22	0.22	0.22	61.91	61.94	62.53	0.00	0.00	0.00
Sprout	10	0.27	0.31	0.41	63.93	63.86	63.19	0.00	0.00	0.00
TaoVA-100x	10	77.09	54.67	45.54	83.05	88.67	83.41	4.15	6.33	8.17
TCP Vegas	10	26.55	25.12	33.46	75.80	79.70	80.24	1.53	1.89	2.49
Verus	10	62.33	50.05	31.71	99.37	96.72	96.84	63.00	54.24	40.88
PCC-Vivace	10	185.04	39.51	10.96	62.25	62.28	63.39	1.32	0.78	0.88
WebRTC media	10	1.83	1.17	0.40	63.26	62.89	62.93	0.00	0.00	0.00

Run 1: Statistics of TCP BBR

Start at: 2018-08-22 02:41:52
End at: 2018-08-22 02:42:22
Local clock offset: 1.402 ms
Remote clock offset: -33.418 ms

Below is generated by plot.py at 2018-08-22 07:21:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 166.53 Mbit/s
95th percentile per-packet one-way delay: 73.691 ms
Loss rate: 3.47%
-- Flow 1:
Average throughput: 92.59 Mbit/s
95th percentile per-packet one-way delay: 71.346 ms
Loss rate: 1.89%
-- Flow 2:
Average throughput: 81.57 Mbit/s
95th percentile per-packet one-way delay: 73.392 ms
Loss rate: 3.25%
-- Flow 3:
Average throughput: 58.77 Mbit/s
95th percentile per-packet one-way delay: 92.188 ms
Loss rate: 10.83%

Run 1: Report of TCP BBR — Data Link

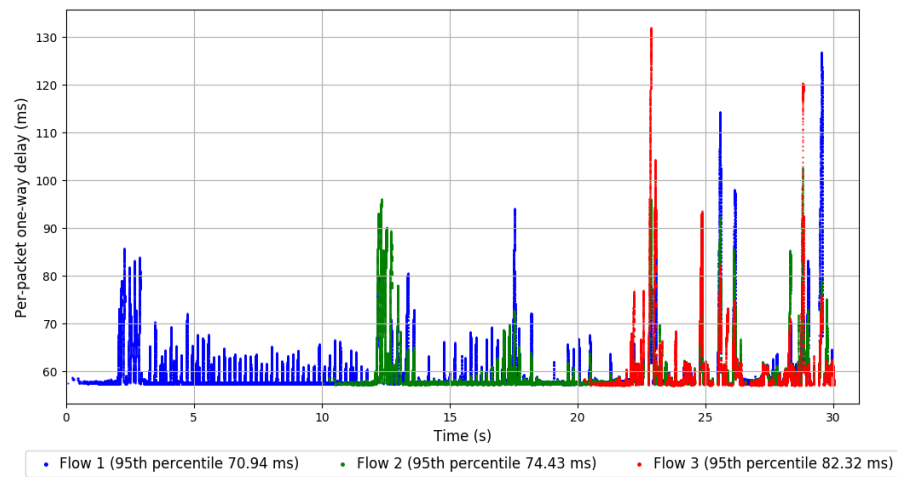
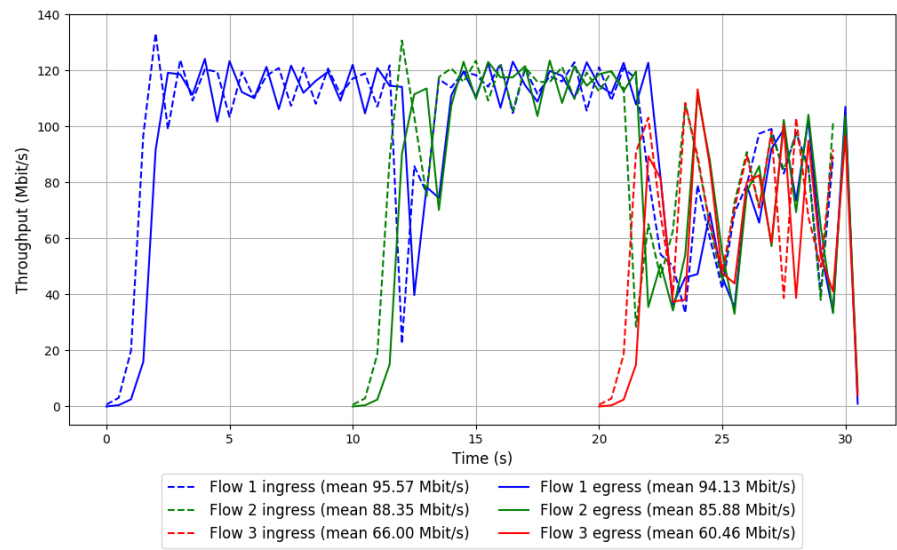


Run 2: Statistics of TCP BBR

Start at: 2018-08-22 03:17:40
End at: 2018-08-22 03:18:10
Local clock offset: 0.278 ms
Remote clock offset: -38.635 ms

Below is generated by plot.py at 2018-08-22 07:21:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 171.44 Mbit/s
95th percentile per-packet one-way delay: 73.039 ms
Loss rate: 2.79%
-- Flow 1:
Average throughput: 94.13 Mbit/s
95th percentile per-packet one-way delay: 70.935 ms
Loss rate: 1.50%
-- Flow 2:
Average throughput: 85.88 Mbit/s
95th percentile per-packet one-way delay: 74.432 ms
Loss rate: 2.80%
-- Flow 3:
Average throughput: 60.46 Mbit/s
95th percentile per-packet one-way delay: 82.323 ms
Loss rate: 8.39%

Run 2: Report of TCP BBR — Data Link

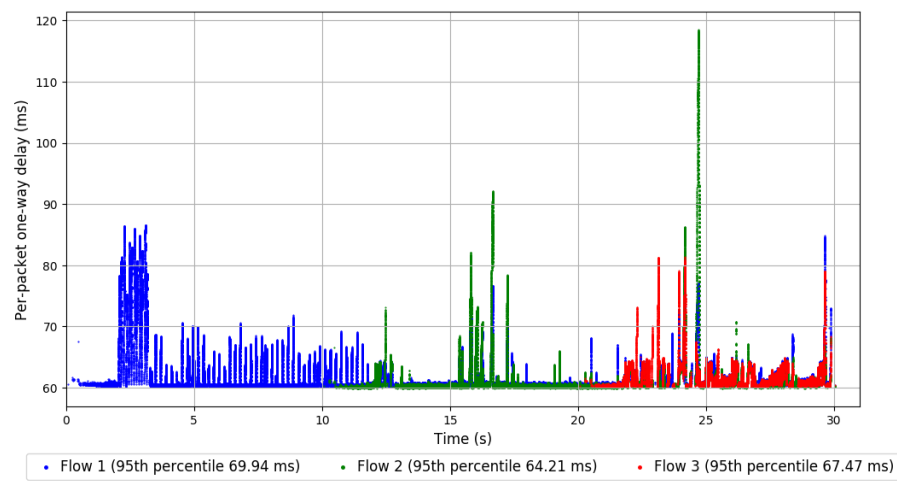
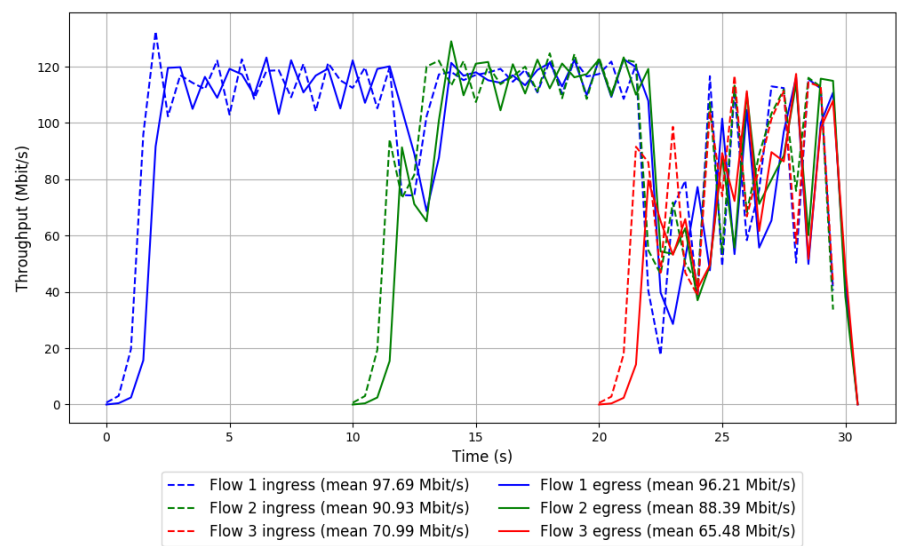


Run 3: Statistics of TCP BBR

Start at: 2018-08-22 03:47:52
End at: 2018-08-22 03:48:22
Local clock offset: -0.101 ms
Remote clock offset: -37.922 ms

Below is generated by plot.py at 2018-08-22 07:21:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 176.86 Mbit/s
95th percentile per-packet one-way delay: 68.147 ms
Loss rate: 2.75%
-- Flow 1:
Average throughput: 96.21 Mbit/s
95th percentile per-packet one-way delay: 69.936 ms
Loss rate: 1.51%
-- Flow 2:
Average throughput: 88.39 Mbit/s
95th percentile per-packet one-way delay: 64.212 ms
Loss rate: 2.80%
-- Flow 3:
Average throughput: 65.48 Mbit/s
95th percentile per-packet one-way delay: 67.467 ms
Loss rate: 7.77%

Run 3: Report of TCP BBR — Data Link

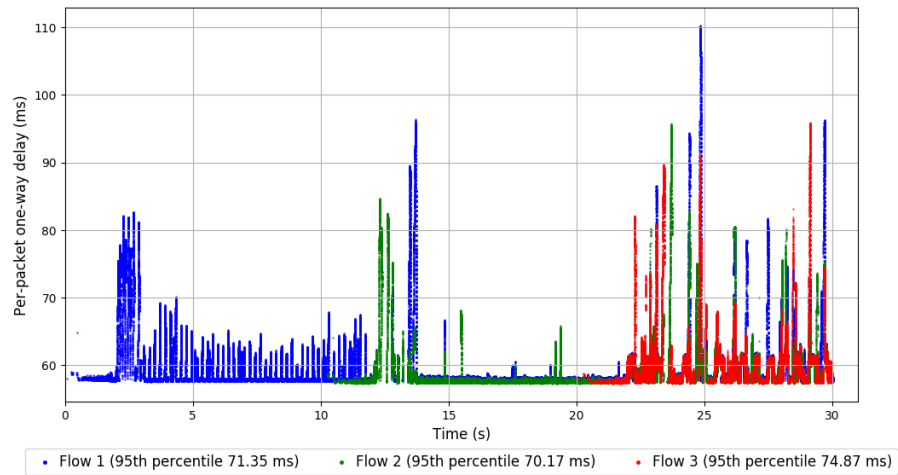
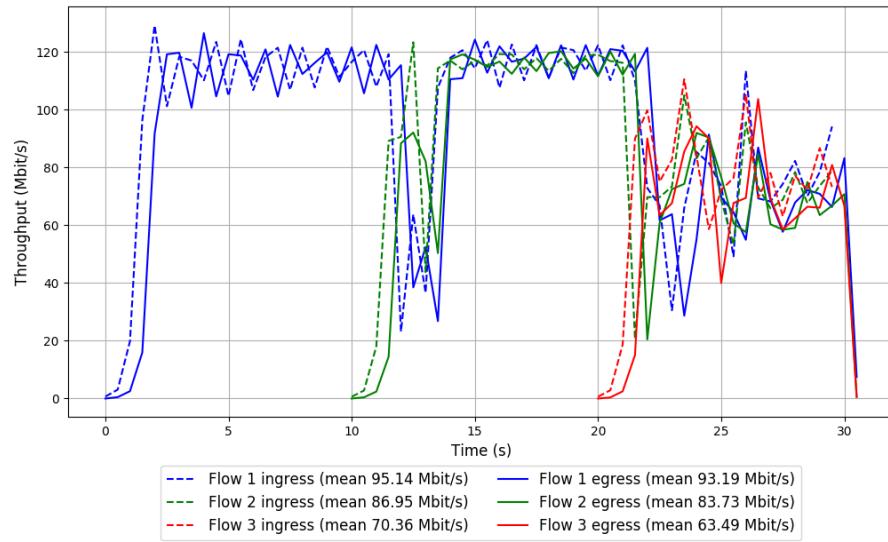


Run 4: Statistics of TCP BBR

Start at: 2018-08-22 04:23:37
End at: 2018-08-22 04:24:07
Local clock offset: 1.209 ms
Remote clock offset: -39.008 ms

Below is generated by plot.py at 2018-08-22 07:21:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 169.87 Mbit/s
95th percentile per-packet one-way delay: 71.593 ms
Loss rate: 3.61%
-- Flow 1:
Average throughput: 93.19 Mbit/s
95th percentile per-packet one-way delay: 71.351 ms
Loss rate: 2.05%
-- Flow 2:
Average throughput: 83.73 Mbit/s
95th percentile per-packet one-way delay: 70.175 ms
Loss rate: 3.70%
-- Flow 3:
Average throughput: 63.49 Mbit/s
95th percentile per-packet one-way delay: 74.872 ms
Loss rate: 9.76%

Run 4: Report of TCP BBR — Data Link

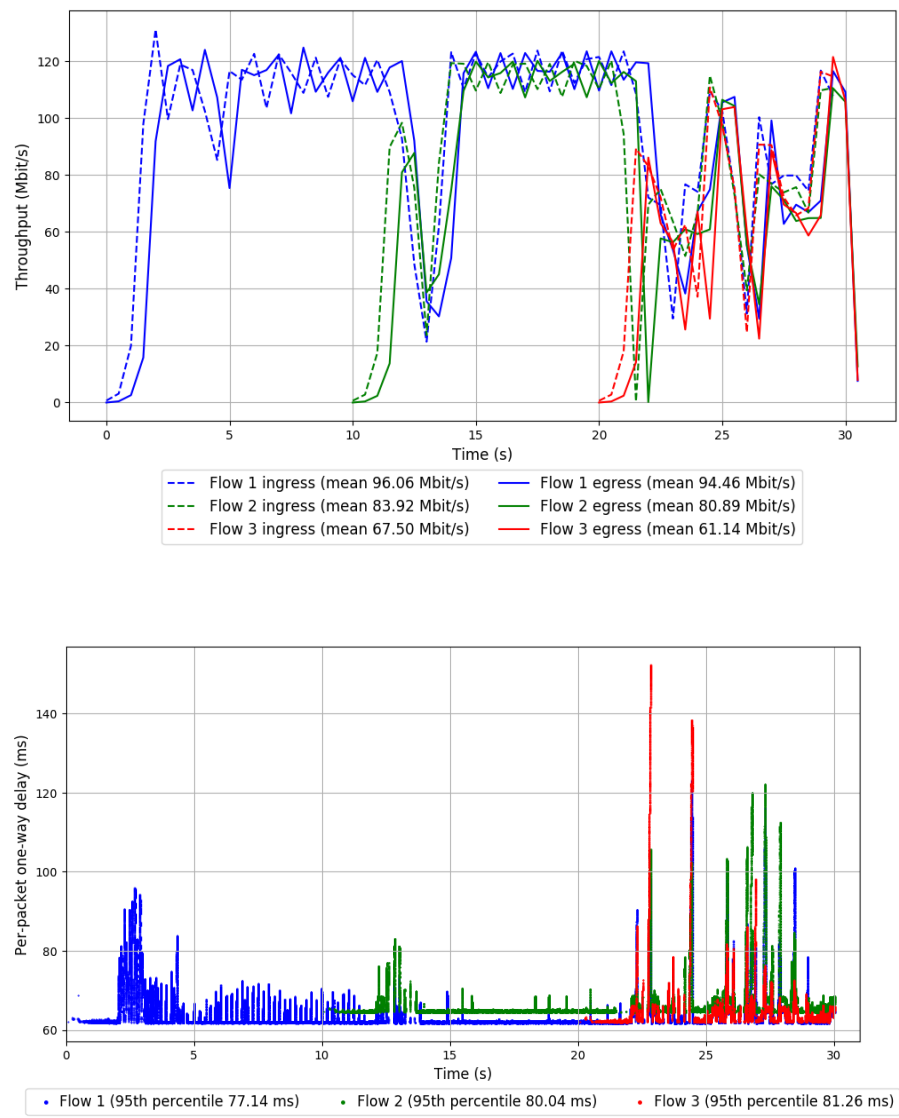


Run 5: Statistics of TCP BBR

Start at: 2018-08-22 04:48:34
End at: 2018-08-22 04:49:04
Local clock offset: -0.339 ms
Remote clock offset: -36.033 ms

Below is generated by plot.py at 2018-08-22 07:21:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 168.66 Mbit/s
95th percentile per-packet one-way delay: 78.358 ms
Loss rate: 3.28%
-- Flow 1:
Average throughput: 94.46 Mbit/s
95th percentile per-packet one-way delay: 77.139 ms
Loss rate: 1.66%
-- Flow 2:
Average throughput: 80.89 Mbit/s
95th percentile per-packet one-way delay: 80.037 ms
Loss rate: 3.60%
-- Flow 3:
Average throughput: 61.14 Mbit/s
95th percentile per-packet one-way delay: 81.257 ms
Loss rate: 9.39%

Run 5: Report of TCP BBR — Data Link

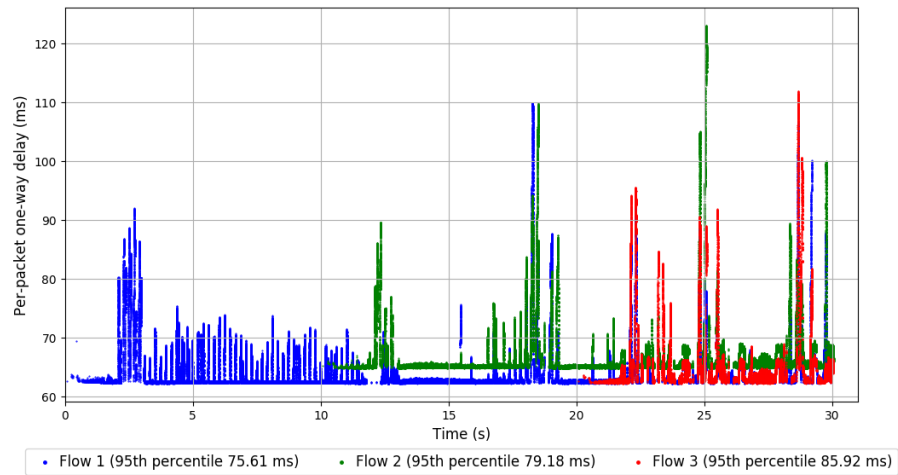
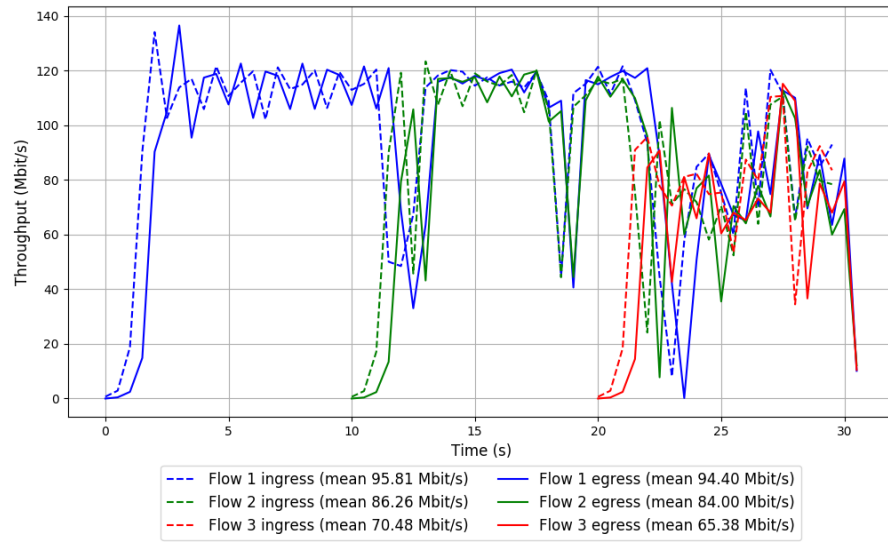


Run 6: Statistics of TCP BBR

Start at: 2018-08-22 05:13:15
End at: 2018-08-22 05:13:45
Local clock offset: 1.929 ms
Remote clock offset: -33.652 ms

Below is generated by plot.py at 2018-08-22 07:21:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 172.07 Mbit/s
95th percentile per-packet one-way delay: 78.492 ms
Loss rate: 2.60%
-- Flow 1:
Average throughput: 94.40 Mbit/s
95th percentile per-packet one-way delay: 75.614 ms
Loss rate: 1.46%
-- Flow 2:
Average throughput: 84.00 Mbit/s
95th percentile per-packet one-way delay: 79.181 ms
Loss rate: 2.62%
-- Flow 3:
Average throughput: 65.38 Mbit/s
95th percentile per-packet one-way delay: 85.919 ms
Loss rate: 7.22%

Run 6: Report of TCP BBR — Data Link

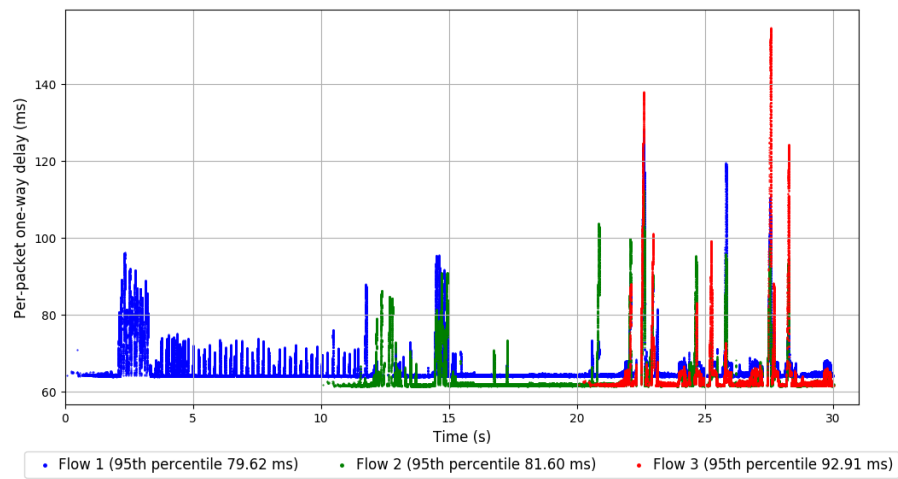
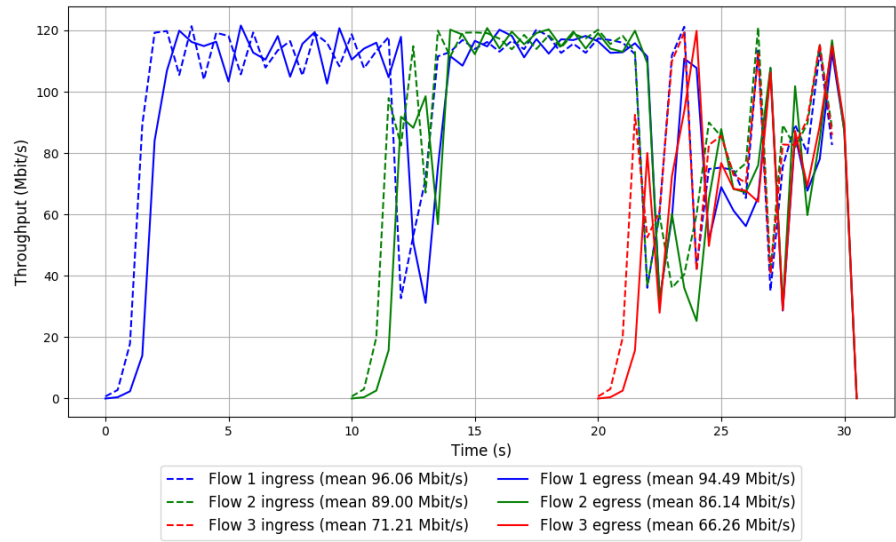


Run 7: Statistics of TCP BBR

Start at: 2018-08-22 05:38:01
End at: 2018-08-22 05:38:31
Local clock offset: 3.648 ms
Remote clock offset: -33.345 ms

Below is generated by plot.py at 2018-08-22 07:21:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 173.83 Mbit/s
95th percentile per-packet one-way delay: 81.075 ms
Loss rate: 2.86%
-- Flow 1:
Average throughput: 94.49 Mbit/s
95th percentile per-packet one-way delay: 79.625 ms
Loss rate: 1.63%
-- Flow 2:
Average throughput: 86.14 Mbit/s
95th percentile per-packet one-way delay: 81.602 ms
Loss rate: 3.22%
-- Flow 3:
Average throughput: 66.26 Mbit/s
95th percentile per-packet one-way delay: 92.909 ms
Loss rate: 6.95%

Run 7: Report of TCP BBR — Data Link

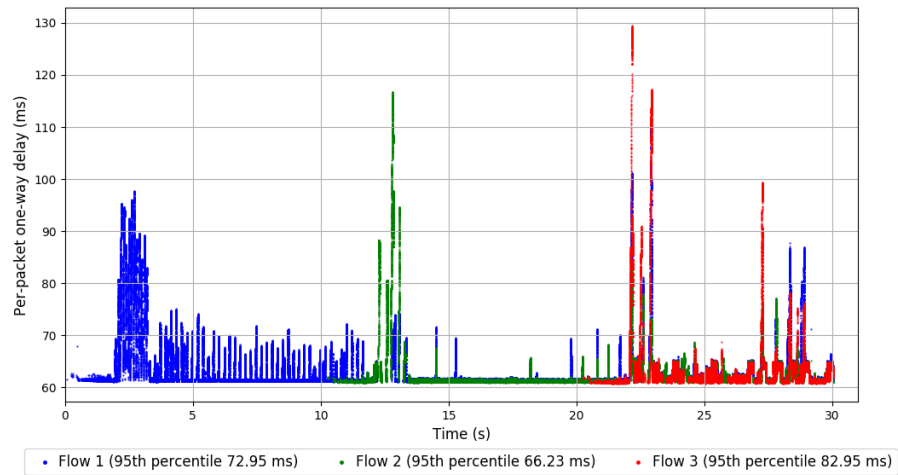
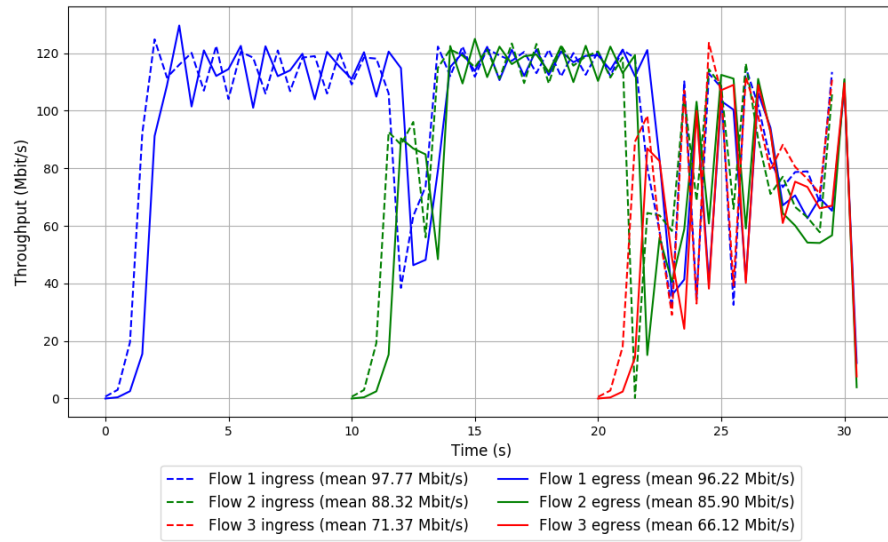


Run 8: Statistics of TCP BBR

Start at: 2018-08-22 06:02:36
End at: 2018-08-22 06:03:06
Local clock offset: 2.764 ms
Remote clock offset: -34.842 ms

Below is generated by plot.py at 2018-08-22 07:21:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 175.39 Mbit/s
95th percentile per-packet one-way delay: 72.329 ms
Loss rate: 2.72%
-- Flow 1:
Average throughput: 96.22 Mbit/s
95th percentile per-packet one-way delay: 72.953 ms
Loss rate: 1.59%
-- Flow 2:
Average throughput: 85.90 Mbit/s
95th percentile per-packet one-way delay: 66.229 ms
Loss rate: 2.73%
-- Flow 3:
Average throughput: 66.12 Mbit/s
95th percentile per-packet one-way delay: 82.946 ms
Loss rate: 7.35%

Run 8: Report of TCP BBR — Data Link

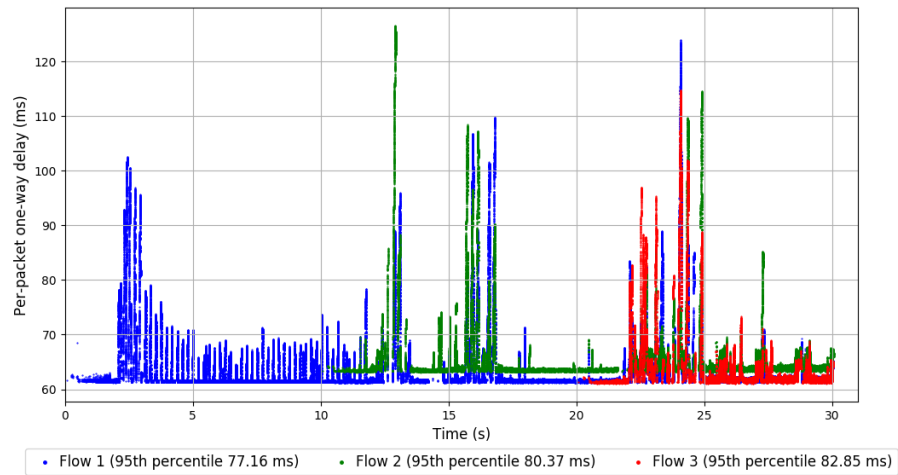
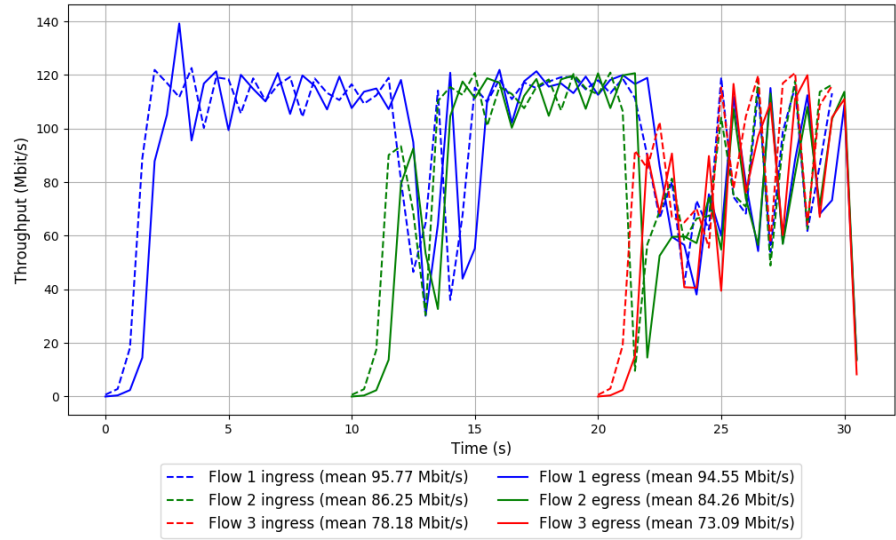


Run 9: Statistics of TCP BBR

Start at: 2018-08-22 06:32:50
End at: 2018-08-22 06:33:20
Local clock offset: 1.668 ms
Remote clock offset: -35.527 ms

Below is generated by plot.py at 2018-08-22 07:22:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 175.01 Mbit/s
95th percentile per-packet one-way delay: 79.049 ms
Loss rate: 2.35%
-- Flow 1:
Average throughput: 94.55 Mbit/s
95th percentile per-packet one-way delay: 77.155 ms
Loss rate: 1.27%
-- Flow 2:
Average throughput: 84.26 Mbit/s
95th percentile per-packet one-way delay: 80.374 ms
Loss rate: 2.29%
-- Flow 3:
Average throughput: 73.09 Mbit/s
95th percentile per-packet one-way delay: 82.853 ms
Loss rate: 6.49%

Run 9: Report of TCP BBR — Data Link

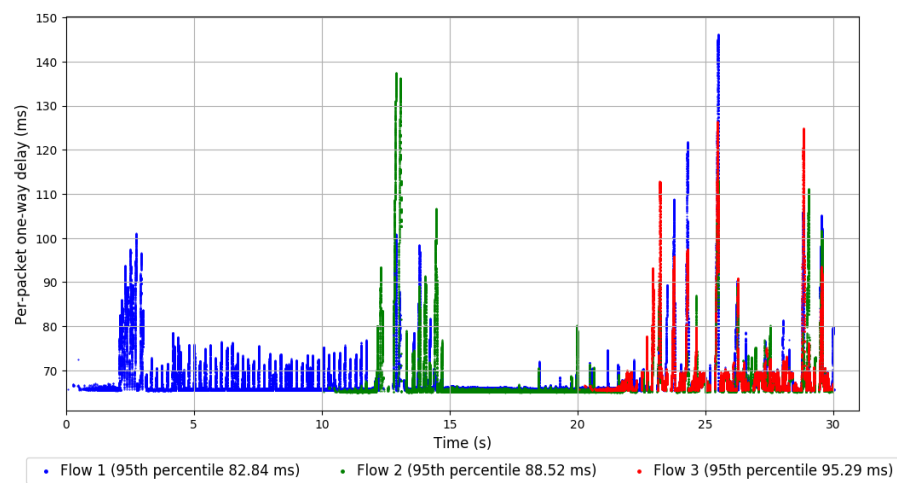
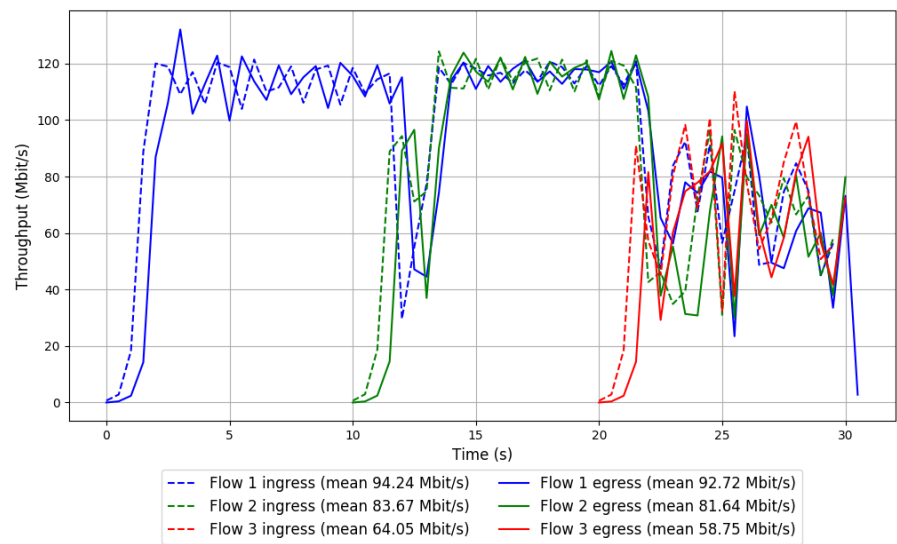


Run 10: Statistics of TCP BBR

Start at: 2018-08-22 06:57:26
End at: 2018-08-22 06:57:56
Local clock offset: -0.391 ms
Remote clock offset: -32.916 ms

Below is generated by plot.py at 2018-08-22 07:22:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 166.35 Mbit/s
95th percentile per-packet one-way delay: 86.810 ms
Loss rate: 2.70%
-- Flow 1:
Average throughput: 92.72 Mbit/s
95th percentile per-packet one-way delay: 82.845 ms
Loss rate: 1.61%
-- Flow 2:
Average throughput: 81.64 Mbit/s
95th percentile per-packet one-way delay: 88.522 ms
Loss rate: 2.43%
-- Flow 3:
Average throughput: 58.75 Mbit/s
95th percentile per-packet one-way delay: 95.286 ms
Loss rate: 8.27%

Run 10: Report of TCP BBR — Data Link

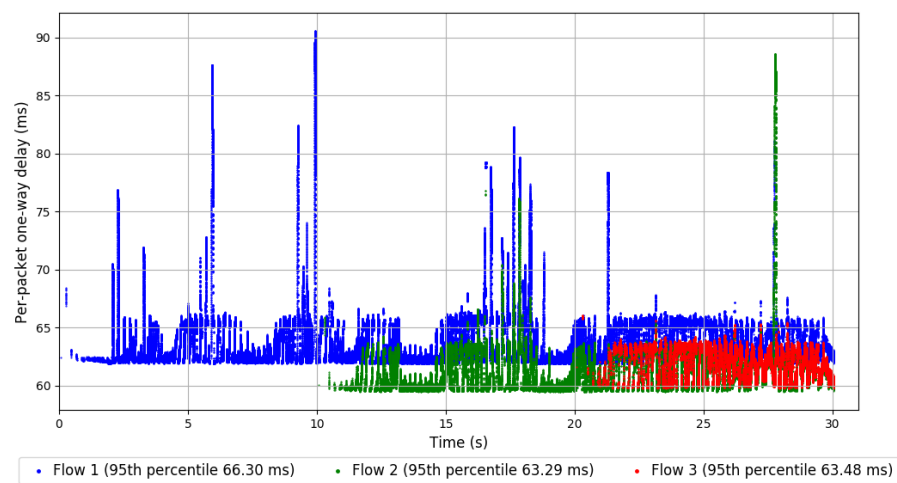
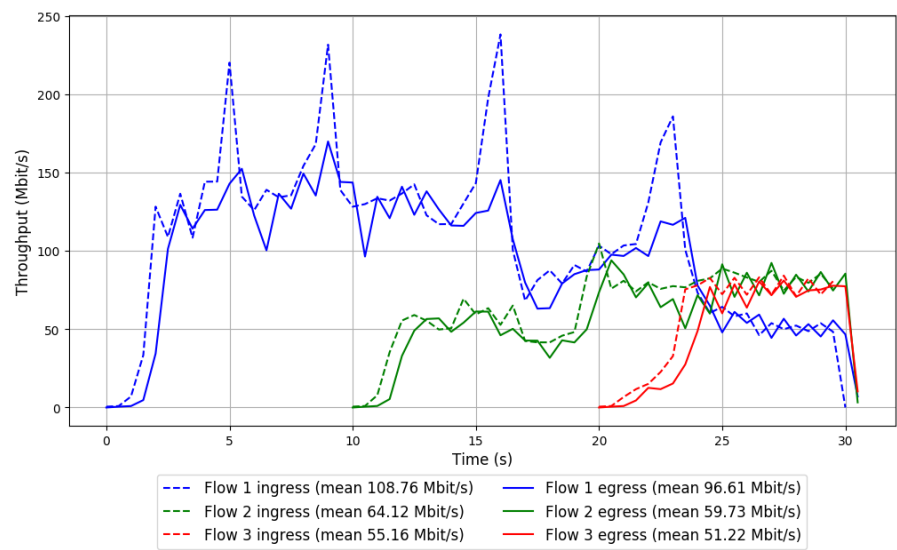


Run 1: Statistics of Copa

Start at: 2018-08-22 02:48:27
End at: 2018-08-22 02:48:57
Local clock offset: 0.855 ms
Remote clock offset: -37.07 ms

Below is generated by plot.py at 2018-08-22 07:24:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 153.43 Mbit/s
95th percentile per-packet one-way delay: 65.820 ms
Loss rate: 9.67%
-- Flow 1:
Average throughput: 96.61 Mbit/s
95th percentile per-packet one-way delay: 66.301 ms
Loss rate: 11.20%
-- Flow 2:
Average throughput: 59.73 Mbit/s
95th percentile per-packet one-way delay: 63.292 ms
Loss rate: 6.84%
-- Flow 3:
Average throughput: 51.22 Mbit/s
95th percentile per-packet one-way delay: 63.479 ms
Loss rate: 7.16%

Run 1: Report of Copa — Data Link

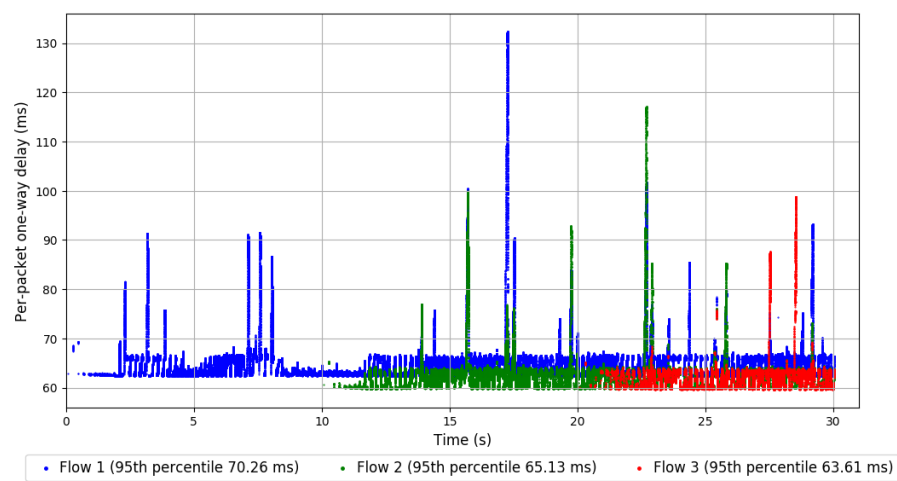
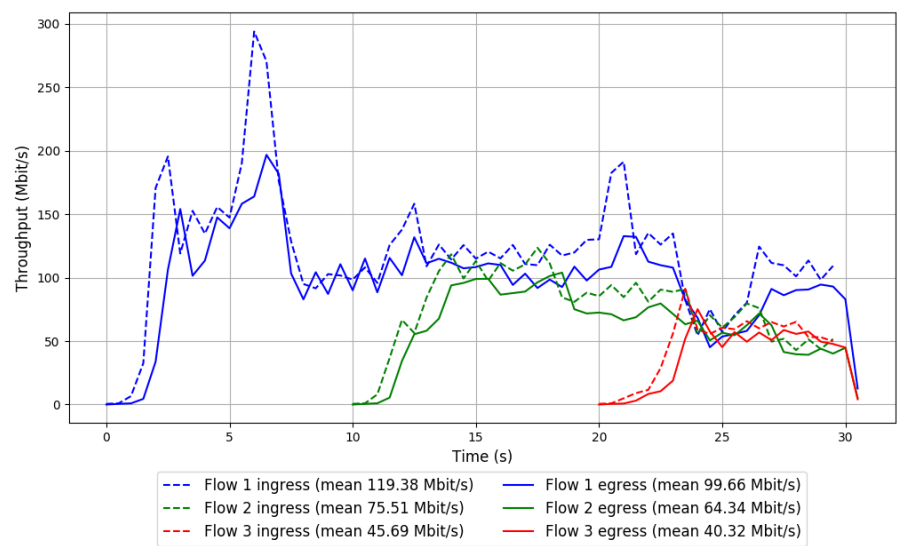


Run 2: Statistics of Copa

Start at: 2018-08-22 03:24:17
End at: 2018-08-22 03:24:47
Local clock offset: -2.561 ms
Remote clock offset: -38.773 ms

Below is generated by plot.py at 2018-08-22 07:24:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 155.90 Mbit/s
95th percentile per-packet one-way delay: 68.093 ms
Loss rate: 15.65%
-- Flow 1:
Average throughput: 99.66 Mbit/s
95th percentile per-packet one-way delay: 70.259 ms
Loss rate: 16.51%
-- Flow 2:
Average throughput: 64.34 Mbit/s
95th percentile per-packet one-way delay: 65.127 ms
Loss rate: 14.78%
-- Flow 3:
Average throughput: 40.32 Mbit/s
95th percentile per-packet one-way delay: 63.611 ms
Loss rate: 11.71%

Run 2: Report of Copa — Data Link

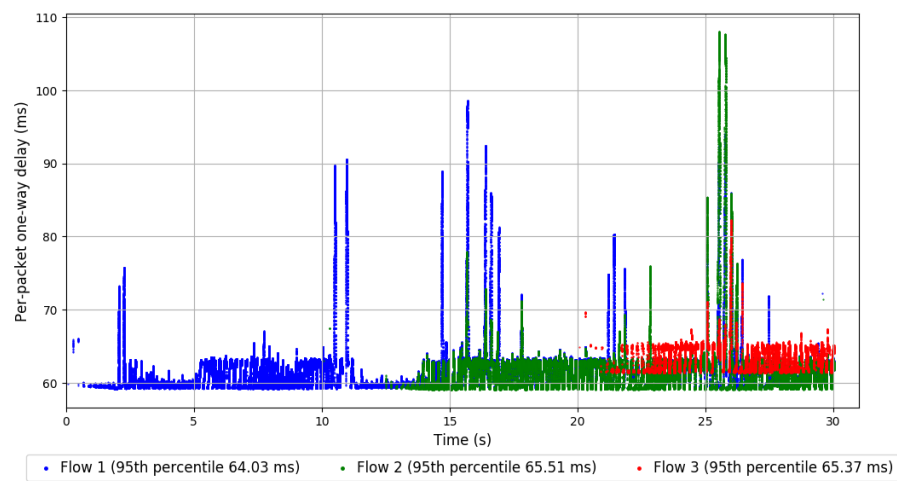
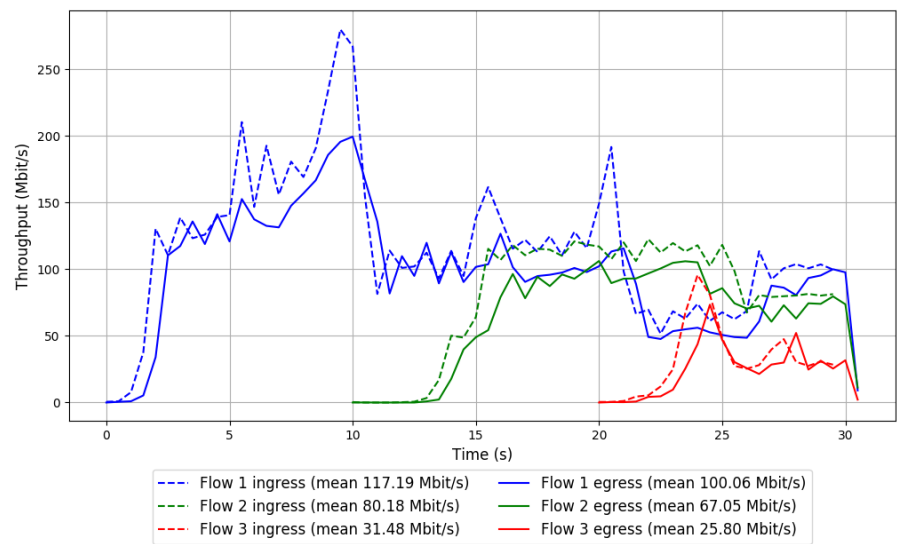


Run 3: Statistics of Copa

Start at: 2018-08-22 04:00:00
End at: 2018-08-22 04:00:30
Local clock offset: 0.656 ms
Remote clock offset: -38.843 ms

Below is generated by plot.py at 2018-08-22 07:24:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 153.29 Mbit/s
95th percentile per-packet one-way delay: 65.147 ms
Loss rate: 15.33%
-- Flow 1:
Average throughput: 100.06 Mbit/s
95th percentile per-packet one-way delay: 64.031 ms
Loss rate: 14.61%
-- Flow 2:
Average throughput: 67.05 Mbit/s
95th percentile per-packet one-way delay: 65.512 ms
Loss rate: 16.37%
-- Flow 3:
Average throughput: 25.80 Mbit/s
95th percentile per-packet one-way delay: 65.370 ms
Loss rate: 18.04%

Run 3: Report of Copa — Data Link

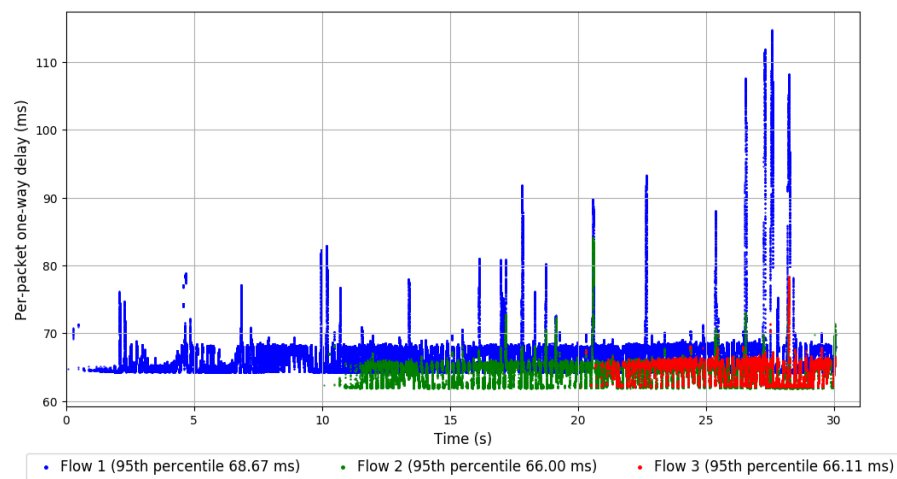
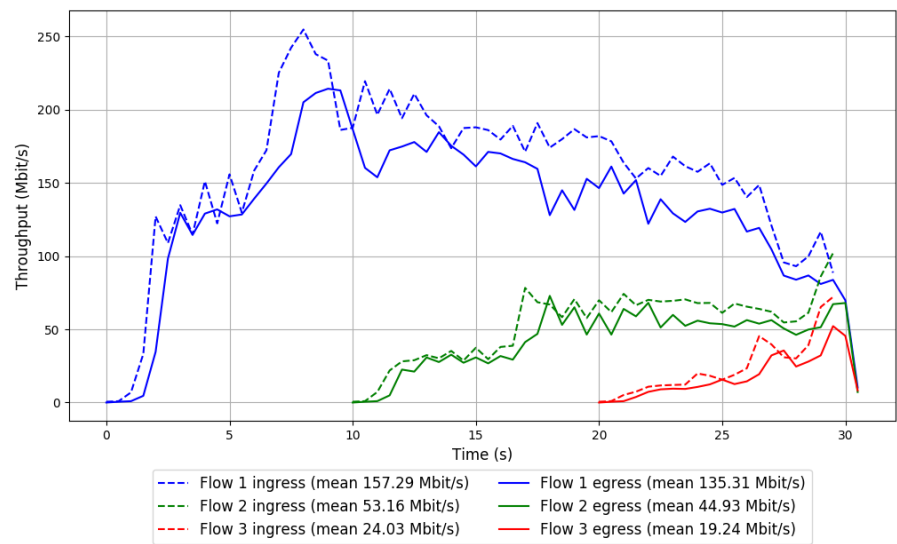


Run 4: Statistics of Copa

Start at: 2018-08-22 04:30:35
End at: 2018-08-22 04:31:05
Local clock offset: 2.261 ms
Remote clock offset: -33.203 ms

Below is generated by plot.py at 2018-08-22 07:24:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 171.64 Mbit/s
95th percentile per-packet one-way delay: 68.366 ms
Loss rate: 14.47%
-- Flow 1:
Average throughput: 135.31 Mbit/s
95th percentile per-packet one-way delay: 68.665 ms
Loss rate: 13.96%
-- Flow 2:
Average throughput: 44.93 Mbit/s
95th percentile per-packet one-way delay: 65.995 ms
Loss rate: 15.48%
-- Flow 3:
Average throughput: 19.24 Mbit/s
95th percentile per-packet one-way delay: 66.115 ms
Loss rate: 19.93%

Run 4: Report of Copa — Data Link

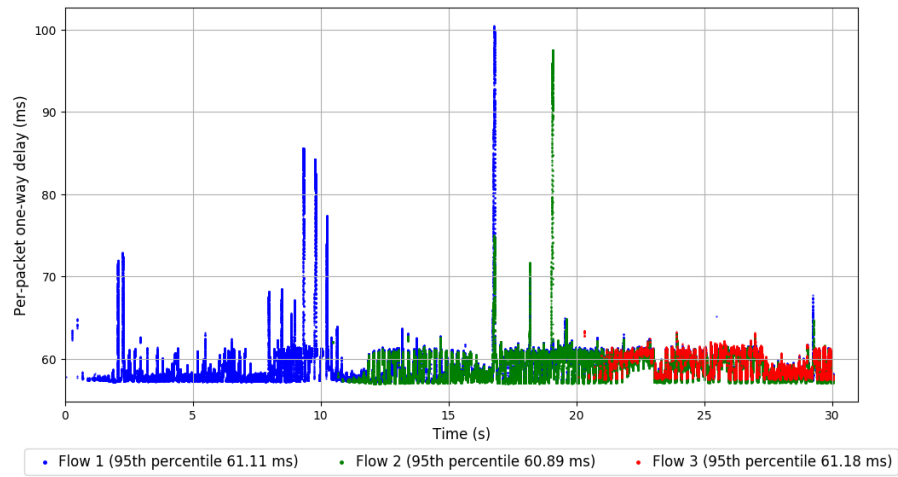
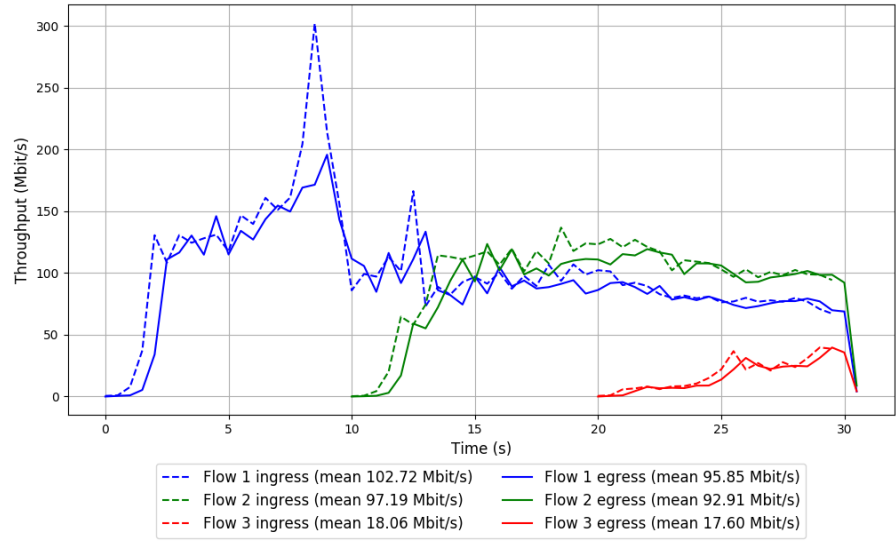


Run 5: Statistics of Copa

Start at: 2018-08-22 04:55:11
End at: 2018-08-22 04:55:41
Local clock offset: 1.813 ms
Remote clock offset: -38.71 ms

Below is generated by plot.py at 2018-08-22 07:24:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 162.96 Mbit/s
95th percentile per-packet one-way delay: 61.042 ms
Loss rate: 6.05%
-- Flow 1:
Average throughput: 95.85 Mbit/s
95th percentile per-packet one-way delay: 61.111 ms
Loss rate: 6.69%
-- Flow 2:
Average throughput: 92.91 Mbit/s
95th percentile per-packet one-way delay: 60.894 ms
Loss rate: 5.38%
-- Flow 3:
Average throughput: 17.60 Mbit/s
95th percentile per-packet one-way delay: 61.178 ms
Loss rate: 2.57%

Run 5: Report of Copa — Data Link

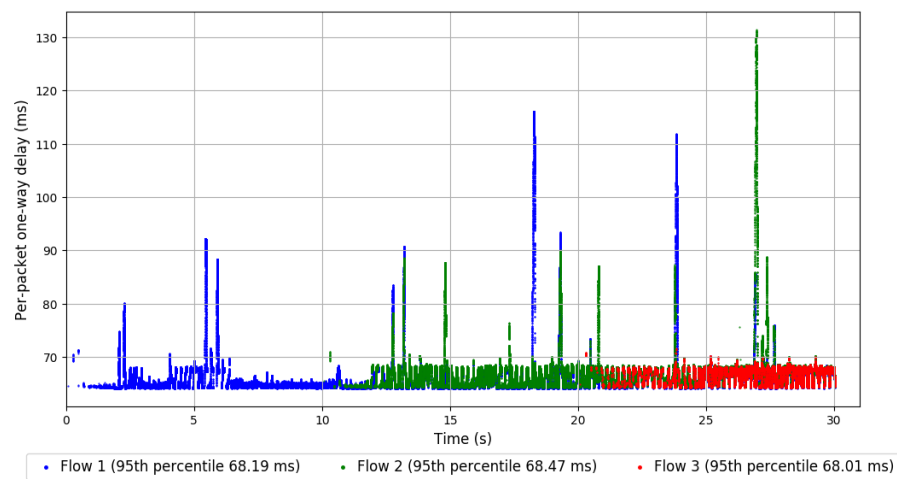
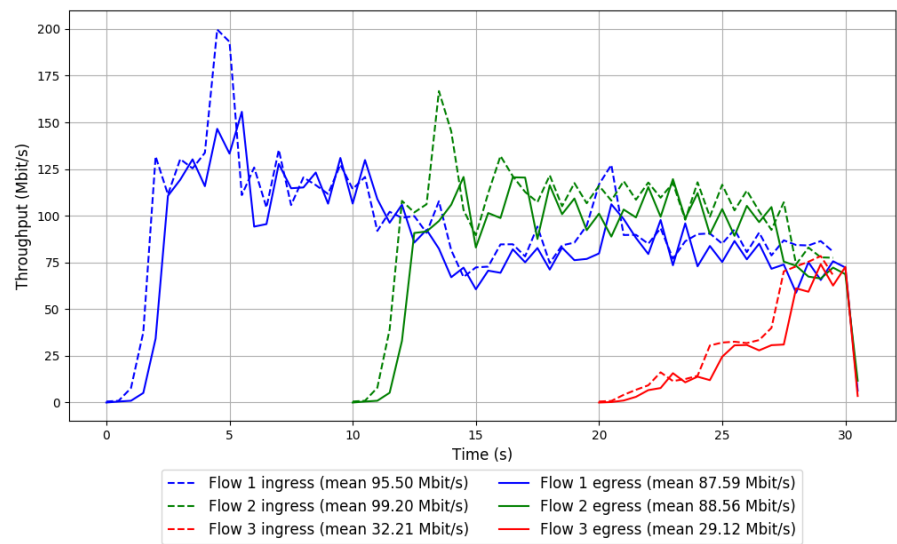


Run 6: Statistics of Copa

Start at: 2018-08-22 05:19:54
End at: 2018-08-22 05:20:24
Local clock offset: 0.665 ms
Remote clock offset: -33.043 ms

Below is generated by plot.py at 2018-08-22 07:24:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 156.25 Mbit/s
95th percentile per-packet one-way delay: 68.299 ms
Loss rate: 9.31%
-- Flow 1:
Average throughput: 87.59 Mbit/s
95th percentile per-packet one-way delay: 68.188 ms
Loss rate: 8.28%
-- Flow 2:
Average throughput: 88.56 Mbit/s
95th percentile per-packet one-way delay: 68.465 ms
Loss rate: 10.73%
-- Flow 3:
Average throughput: 29.12 Mbit/s
95th percentile per-packet one-way delay: 68.007 ms
Loss rate: 9.60%

Run 6: Report of Copa — Data Link

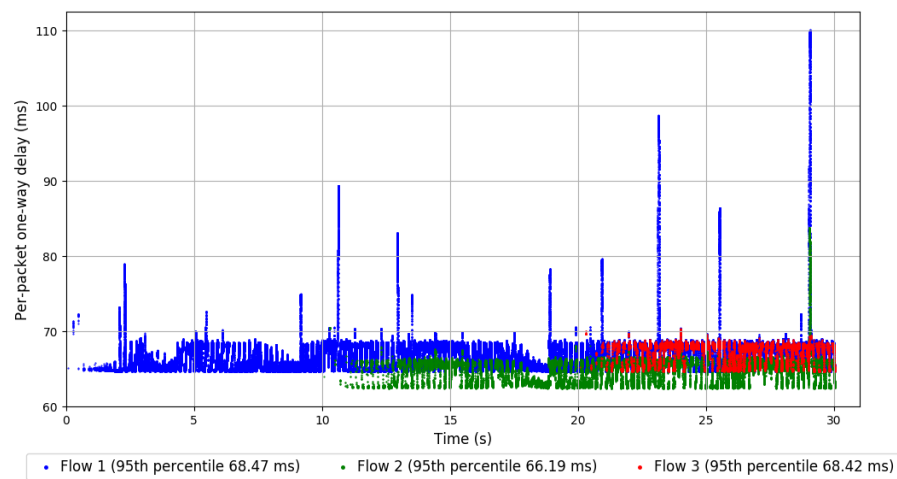
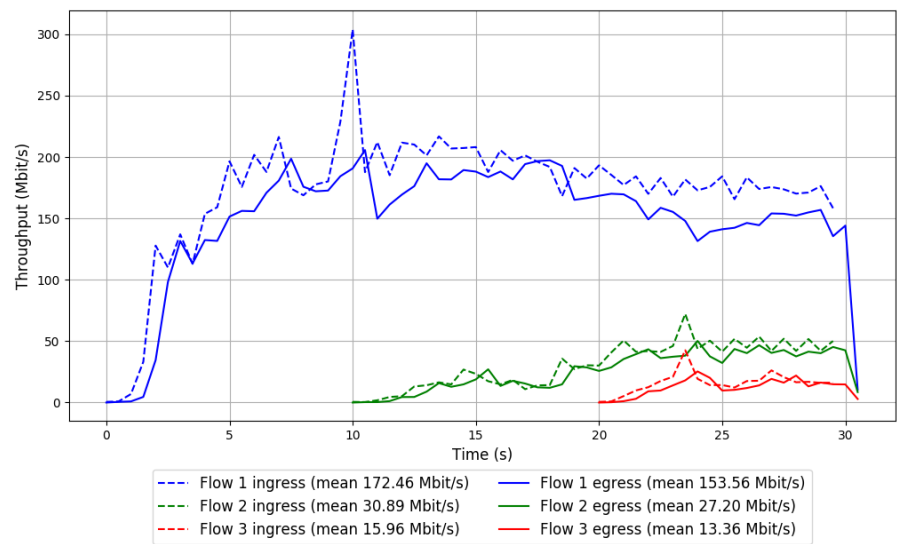


Run 7: Statistics of Copa

Start at: 2018-08-22 05:44:37
End at: 2018-08-22 05:45:07
Local clock offset: 1.14 ms
Remote clock offset: -34.536 ms

Below is generated by plot.py at 2018-08-22 07:26:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 176.11 Mbit/s
95th percentile per-packet one-way delay: 68.446 ms
Loss rate: 11.21%
-- Flow 1:
Average throughput: 153.56 Mbit/s
95th percentile per-packet one-way delay: 68.465 ms
Loss rate: 10.96%
-- Flow 2:
Average throughput: 27.20 Mbit/s
95th percentile per-packet one-way delay: 66.193 ms
Loss rate: 11.95%
-- Flow 3:
Average throughput: 13.36 Mbit/s
95th percentile per-packet one-way delay: 68.422 ms
Loss rate: 16.30%

Run 7: Report of Copa — Data Link

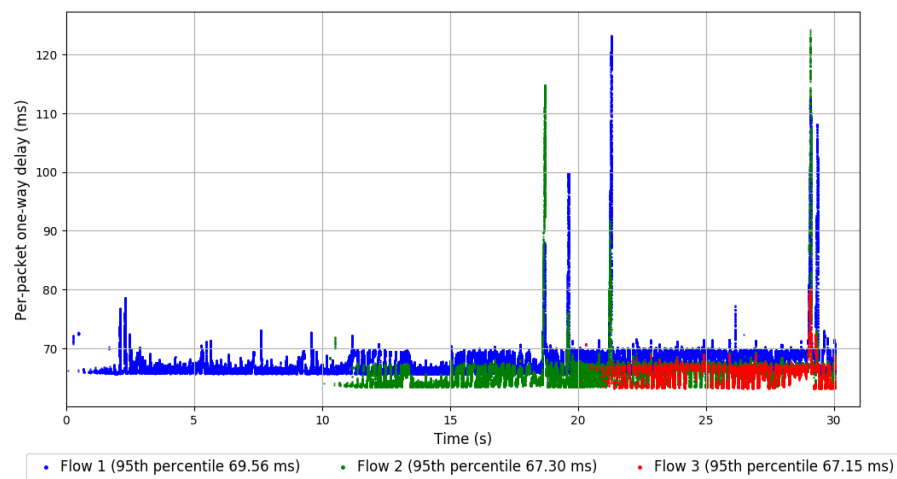
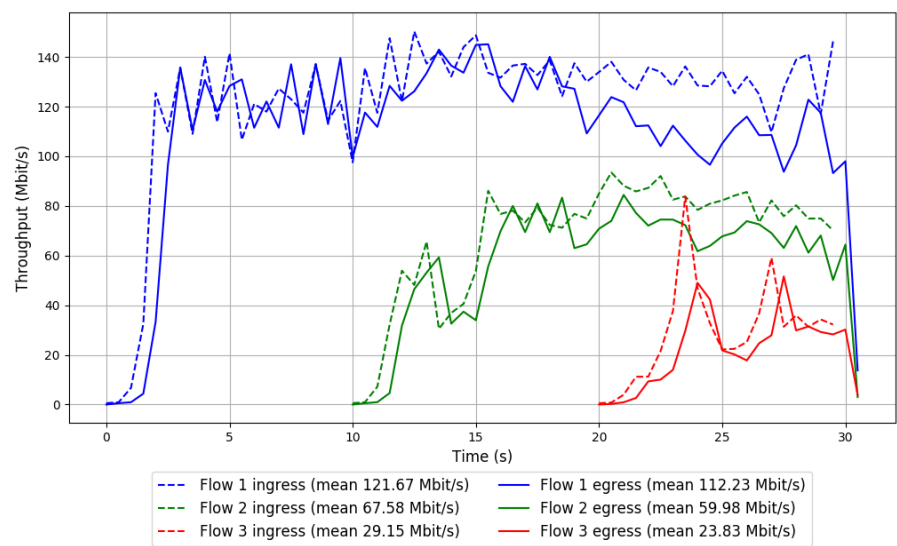


Run 8: Statistics of Copa

Start at: 2018-08-22 06:09:13
End at: 2018-08-22 06:09:43
Local clock offset: -2.021 ms
Remote clock offset: -37.061 ms

Below is generated by plot.py at 2018-08-22 07:26:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 160.10 Mbit/s
95th percentile per-packet one-way delay: 69.480 ms
Loss rate: 9.23%
-- Flow 1:
Average throughput: 112.23 Mbit/s
95th percentile per-packet one-way delay: 69.560 ms
Loss rate: 7.76%
-- Flow 2:
Average throughput: 59.98 Mbit/s
95th percentile per-packet one-way delay: 67.303 ms
Loss rate: 11.25%
-- Flow 3:
Average throughput: 23.83 Mbit/s
95th percentile per-packet one-way delay: 67.152 ms
Loss rate: 18.27%

Run 8: Report of Copa — Data Link

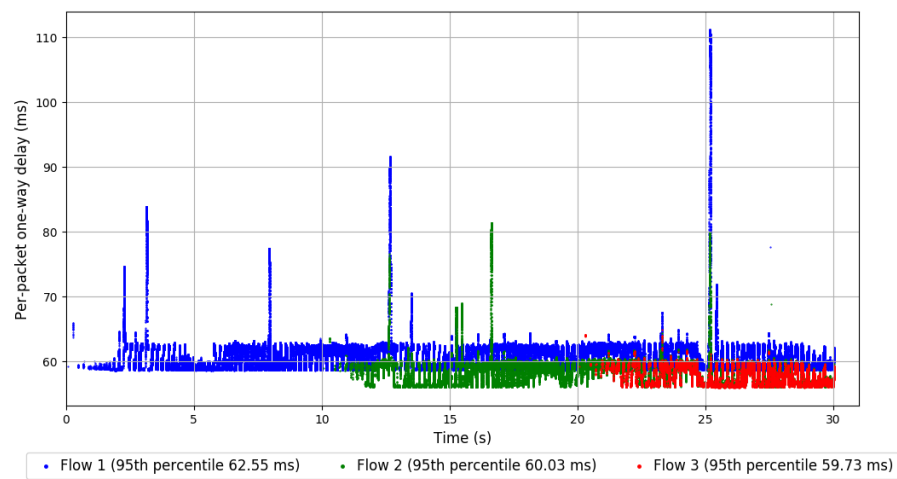
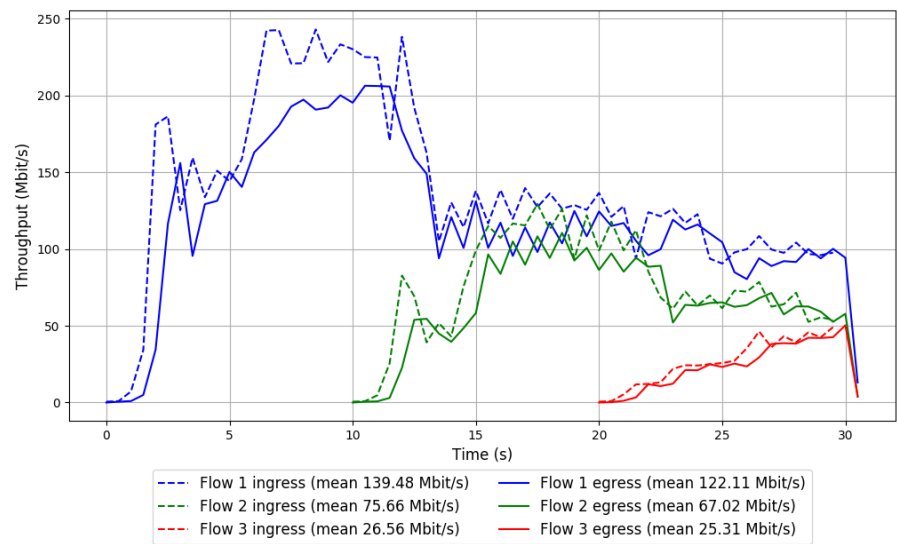


Run 9: Statistics of Copa

Start at: 2018-08-22 06:39:27
End at: 2018-08-22 06:39:57
Local clock offset: 2.839 ms
Remote clock offset: -39.158 ms

Below is generated by plot.py at 2018-08-22 07:28:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 175.17 Mbit/s
95th percentile per-packet one-way delay: 62.481 ms
Loss rate: 11.84%
-- Flow 1:
Average throughput: 122.11 Mbit/s
95th percentile per-packet one-way delay: 62.546 ms
Loss rate: 12.45%
-- Flow 2:
Average throughput: 67.02 Mbit/s
95th percentile per-packet one-way delay: 60.026 ms
Loss rate: 11.42%
-- Flow 3:
Average throughput: 25.31 Mbit/s
95th percentile per-packet one-way delay: 59.725 ms
Loss rate: 4.69%

Run 9: Report of Copa — Data Link

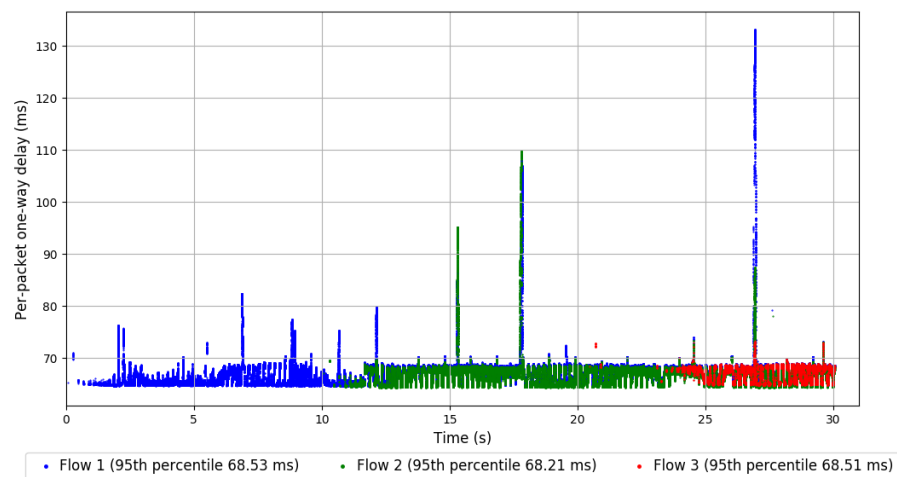
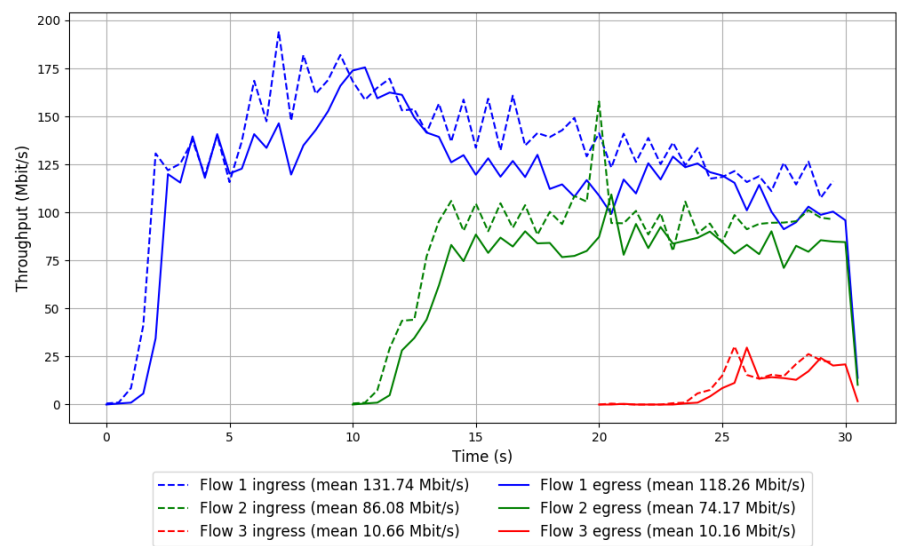


Run 10: Statistics of Copa

Start at: 2018-08-22 07:04:01
End at: 2018-08-22 07:04:31
Local clock offset: 0.175 ms
Remote clock offset: -33.174 ms

Below is generated by plot.py at 2018-08-22 07:28:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 170.91 Mbit/s
95th percentile per-packet one-way delay: 68.476 ms
Loss rate: 11.27%
-- Flow 1:
Average throughput: 118.26 Mbit/s
95th percentile per-packet one-way delay: 68.528 ms
Loss rate: 10.22%
-- Flow 2:
Average throughput: 74.17 Mbit/s
95th percentile per-packet one-way delay: 68.206 ms
Loss rate: 13.84%
-- Flow 3:
Average throughput: 10.16 Mbit/s
95th percentile per-packet one-way delay: 68.513 ms
Loss rate: 8.54%

Run 10: Report of Copa — Data Link

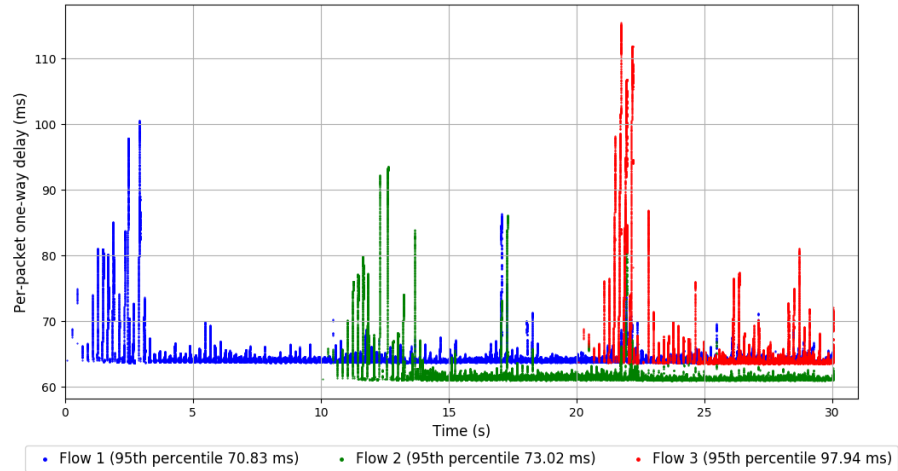
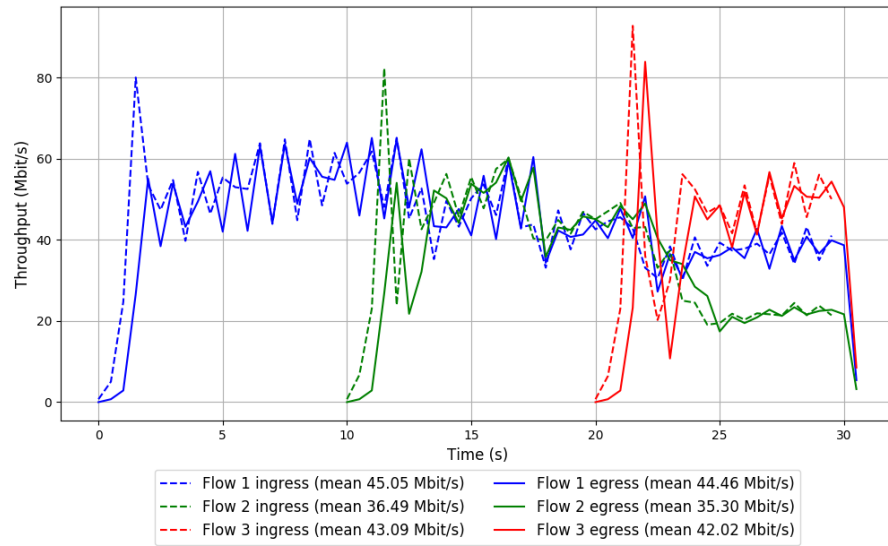


Run 1: Statistics of TCP Cubic

Start at: 2018-08-22 02:27:05
End at: 2018-08-22 02:27:35
Local clock offset: 1.11 ms
Remote clock offset: -37.288 ms

Below is generated by plot.py at 2018-08-22 07:28:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.96 Mbit/s
95th percentile per-packet one-way delay: 75.129 ms
Loss rate: 2.08%
-- Flow 1:
Average throughput: 44.46 Mbit/s
95th percentile per-packet one-way delay: 70.832 ms
Loss rate: 1.31%
-- Flow 2:
Average throughput: 35.30 Mbit/s
95th percentile per-packet one-way delay: 73.022 ms
Loss rate: 3.26%
-- Flow 3:
Average throughput: 42.02 Mbit/s
95th percentile per-packet one-way delay: 97.943 ms
Loss rate: 2.48%

Run 1: Report of TCP Cubic — Data Link

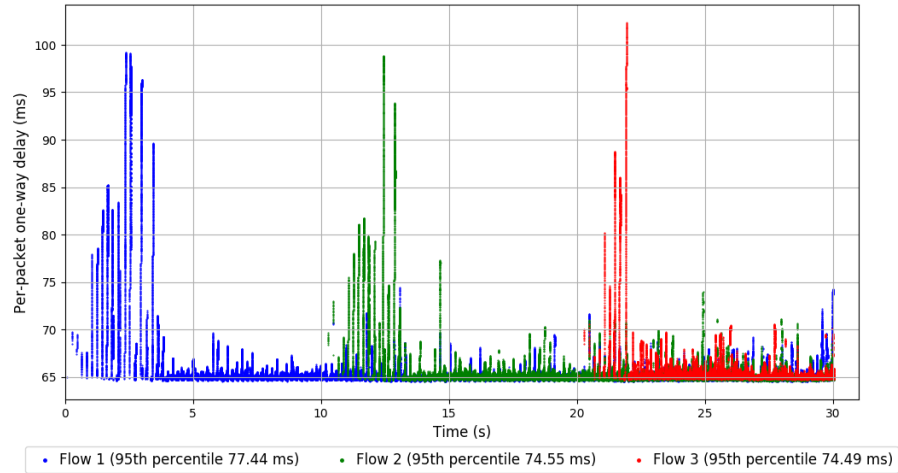
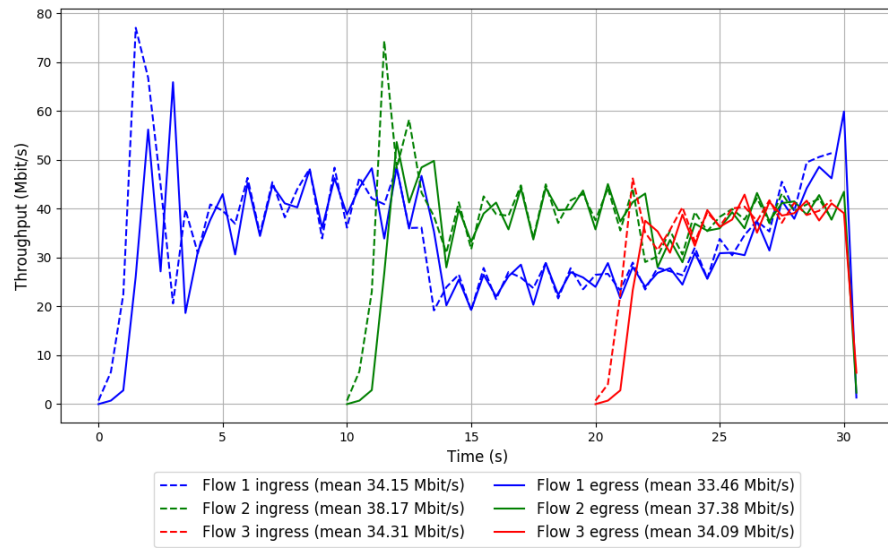


Run 2: Statistics of TCP Cubic

Start at: 2018-08-22 02:57:19
End at: 2018-08-22 02:57:49
Local clock offset: -1.554 ms
Remote clock offset: -34.023 ms

Below is generated by plot.py at 2018-08-22 07:28:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 69.66 Mbit/s
95th percentile per-packet one-way delay: 75.854 ms
Loss rate: 1.81%
-- Flow 1:
Average throughput: 33.46 Mbit/s
95th percentile per-packet one-way delay: 77.440 ms
Loss rate: 2.02%
-- Flow 2:
Average throughput: 37.38 Mbit/s
95th percentile per-packet one-way delay: 74.549 ms
Loss rate: 2.05%
-- Flow 3:
Average throughput: 34.09 Mbit/s
95th percentile per-packet one-way delay: 74.488 ms
Loss rate: 0.65%

Run 2: Report of TCP Cubic — Data Link

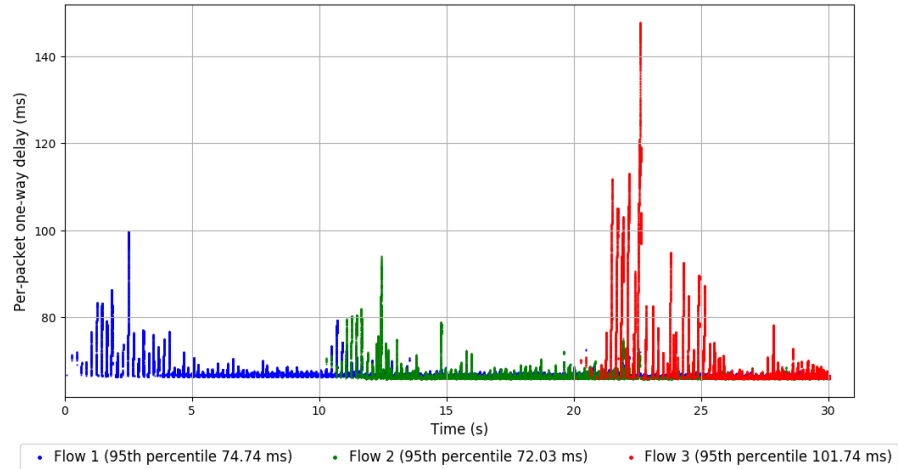
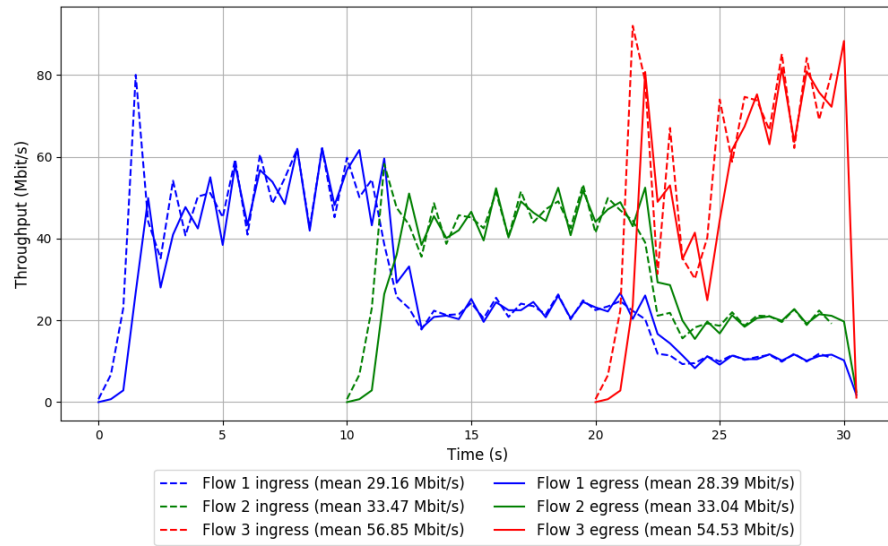


Run 3: Statistics of TCP Cubic

Start at: 2018-08-22 03:33:12
End at: 2018-08-22 03:33:42
Local clock offset: -2.275 ms
Remote clock offset: -32.088 ms

Below is generated by plot.py at 2018-08-22 07:28:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 68.53 Mbit/s
95th percentile per-packet one-way delay: 80.860 ms
Loss rate: 2.60%
-- Flow 1:
Average throughput: 28.39 Mbit/s
95th percentile per-packet one-way delay: 74.736 ms
Loss rate: 2.64%
-- Flow 2:
Average throughput: 33.04 Mbit/s
95th percentile per-packet one-way delay: 72.028 ms
Loss rate: 1.29%
-- Flow 3:
Average throughput: 54.53 Mbit/s
95th percentile per-packet one-way delay: 101.741 ms
Loss rate: 4.08%

Run 3: Report of TCP Cubic — Data Link

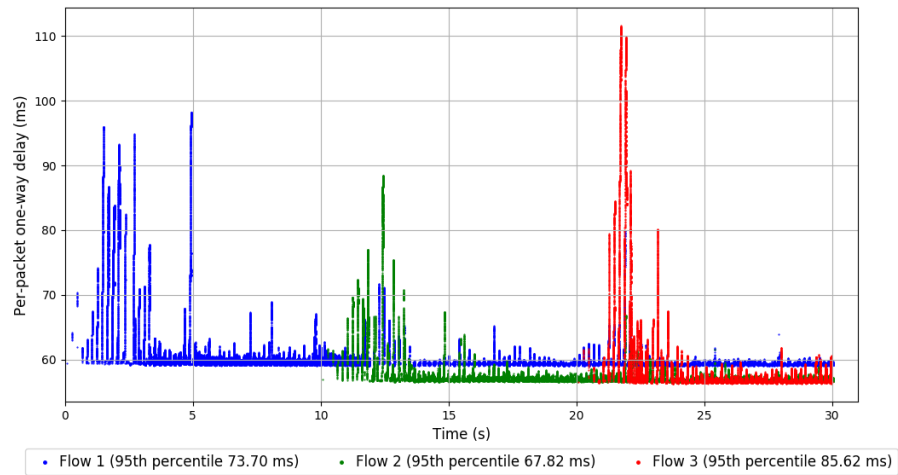
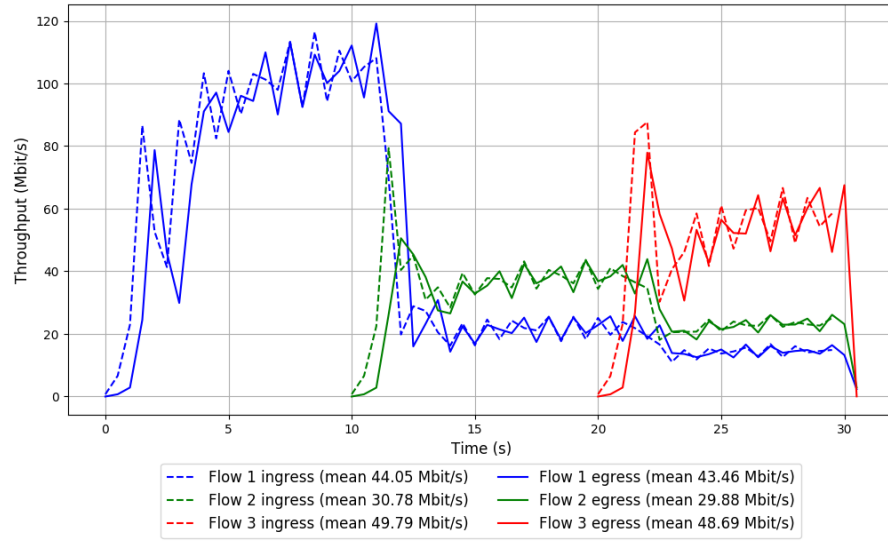


Run 4: Statistics of TCP Cubic

Start at: 2018-08-22 04:08:55
End at: 2018-08-22 04:09:25
Local clock offset: 3.219 ms
Remote clock offset: -38.978 ms

Below is generated by plot.py at 2018-08-22 07:28:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.49 Mbit/s
95th percentile per-packet one-way delay: 73.352 ms
Loss rate: 1.93%
-- Flow 1:
Average throughput: 43.46 Mbit/s
95th percentile per-packet one-way delay: 73.698 ms
Loss rate: 1.35%
-- Flow 2:
Average throughput: 29.88 Mbit/s
95th percentile per-packet one-way delay: 67.818 ms
Loss rate: 2.95%
-- Flow 3:
Average throughput: 48.69 Mbit/s
95th percentile per-packet one-way delay: 85.620 ms
Loss rate: 2.20%

Run 4: Report of TCP Cubic — Data Link

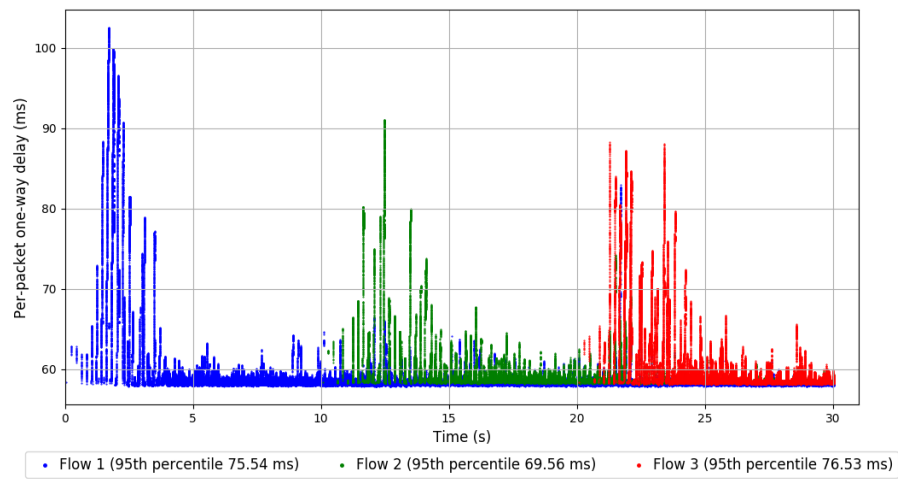
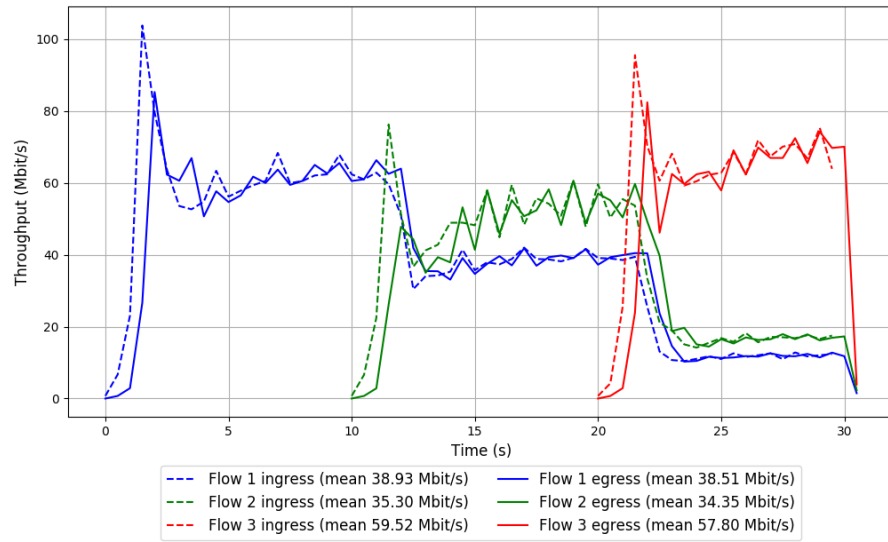


Run 5: Statistics of TCP Cubic

Start at: 2018-08-22 04:39:31
End at: 2018-08-22 04:40:01
Local clock offset: 1.455 ms
Remote clock offset: -37.943 ms

Below is generated by plot.py at 2018-08-22 07:28:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.59 Mbit/s
95th percentile per-packet one-way delay: 74.614 ms
Loss rate: 1.98%
-- Flow 1:
Average throughput: 38.51 Mbit/s
95th percentile per-packet one-way delay: 75.542 ms
Loss rate: 1.09%
-- Flow 2:
Average throughput: 34.35 Mbit/s
95th percentile per-packet one-way delay: 69.556 ms
Loss rate: 2.70%
-- Flow 3:
Average throughput: 57.80 Mbit/s
95th percentile per-packet one-way delay: 76.531 ms
Loss rate: 2.89%

Run 5: Report of TCP Cubic — Data Link

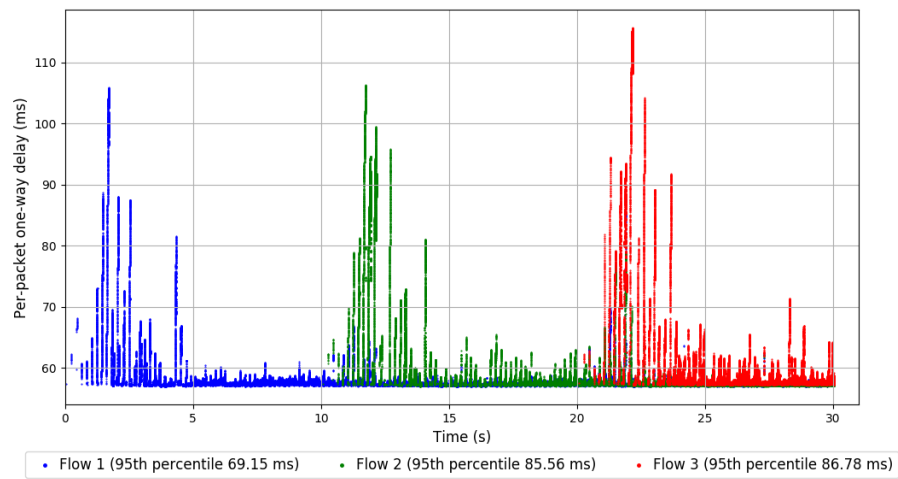
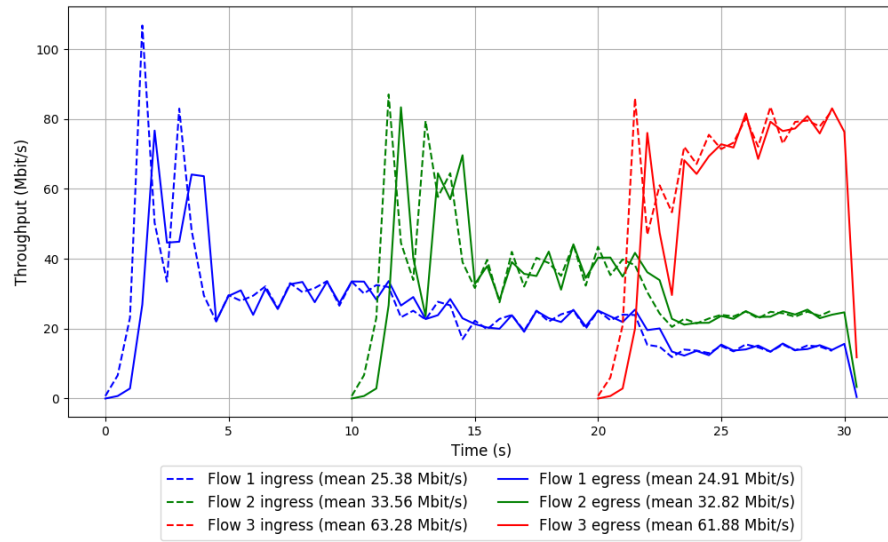


Run 6: Statistics of TCP Cubic

Start at: 2018-08-22 05:04:03
End at: 2018-08-22 05:04:33
Local clock offset: 2.432 ms
Remote clock offset: -38.023 ms

Below is generated by plot.py at 2018-08-22 07:28:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 67.34 Mbit/s
95th percentile per-packet one-way delay: 82.287 ms
Loss rate: 2.08%
-- Flow 1:
Average throughput: 24.91 Mbit/s
95th percentile per-packet one-way delay: 69.147 ms
Loss rate: 1.86%
-- Flow 2:
Average throughput: 32.82 Mbit/s
95th percentile per-packet one-way delay: 85.559 ms
Loss rate: 2.21%
-- Flow 3:
Average throughput: 61.88 Mbit/s
95th percentile per-packet one-way delay: 86.785 ms
Loss rate: 2.20%

Run 6: Report of TCP Cubic — Data Link

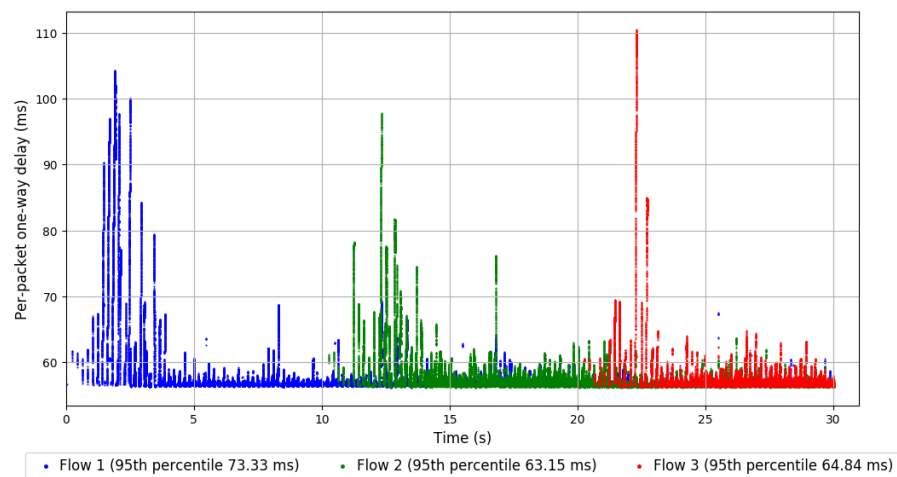
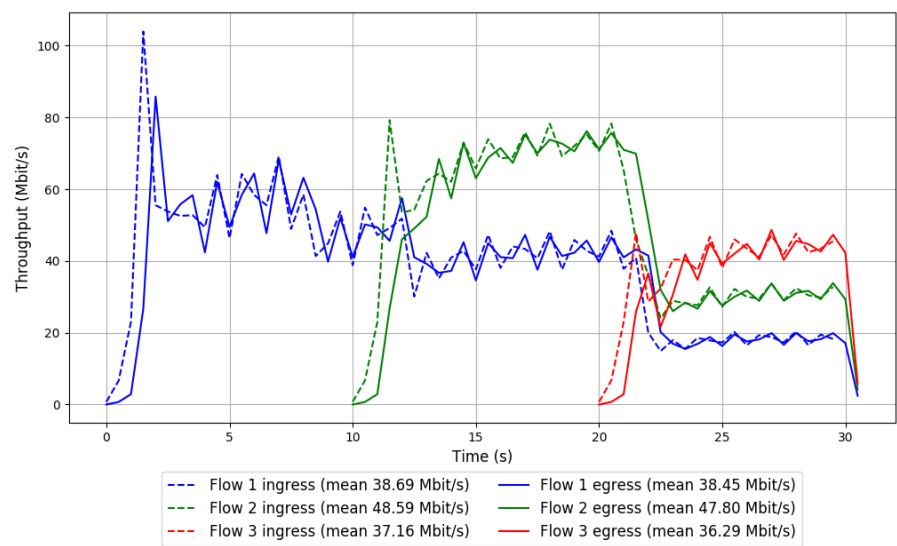


Run 7: Statistics of TCP Cubic

Start at: 2018-08-22 05:28:57
End at: 2018-08-22 05:29:27
Local clock offset: 3.655 ms
Remote clock offset: -38.373 ms

Below is generated by plot.py at 2018-08-22 07:28:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.36 Mbit/s
95th percentile per-packet one-way delay: 66.304 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 38.45 Mbit/s
95th percentile per-packet one-way delay: 73.335 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 47.80 Mbit/s
95th percentile per-packet one-way delay: 63.148 ms
Loss rate: 1.63%
-- Flow 3:
Average throughput: 36.29 Mbit/s
95th percentile per-packet one-way delay: 64.844 ms
Loss rate: 2.33%

Run 7: Report of TCP Cubic — Data Link

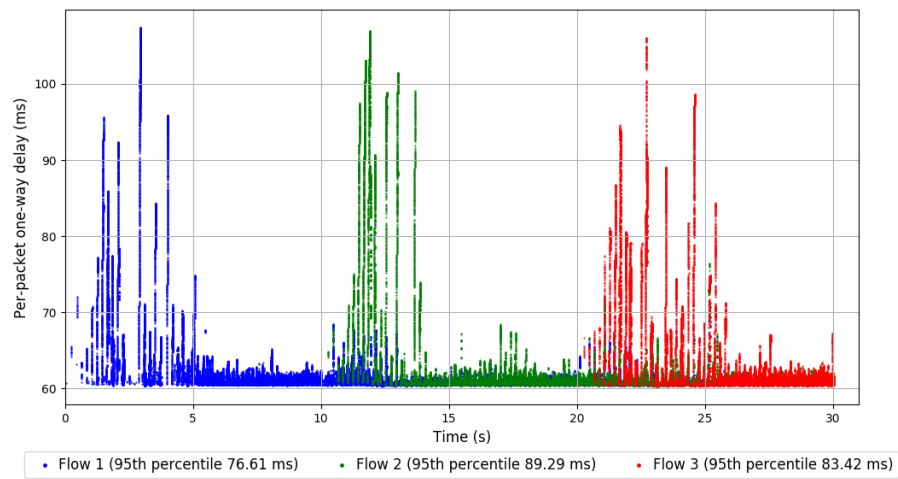
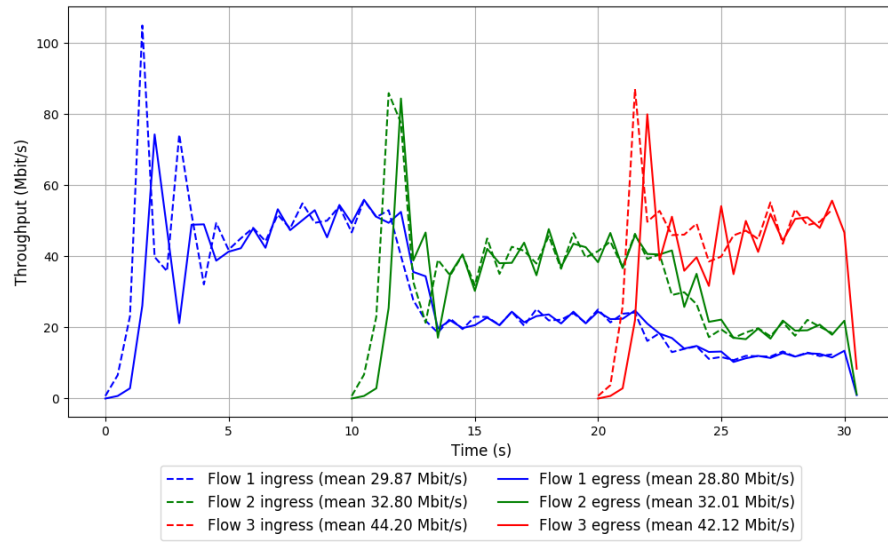


Run 8: Statistics of TCP Cubic

Start at: 2018-08-22 05:53:34
End at: 2018-08-22 05:54:04
Local clock offset: 0.335 ms
Remote clock offset: -37.519 ms

Below is generated by plot.py at 2018-08-22 07:28:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 64.09 Mbit/s
95th percentile per-packet one-way delay: 83.364 ms
Loss rate: 3.45%
-- Flow 1:
Average throughput: 28.80 Mbit/s
95th percentile per-packet one-way delay: 76.614 ms
Loss rate: 3.60%
-- Flow 2:
Average throughput: 32.01 Mbit/s
95th percentile per-packet one-way delay: 89.288 ms
Loss rate: 2.40%
-- Flow 3:
Average throughput: 42.12 Mbit/s
95th percentile per-packet one-way delay: 83.419 ms
Loss rate: 4.70%

Run 8: Report of TCP Cubic — Data Link

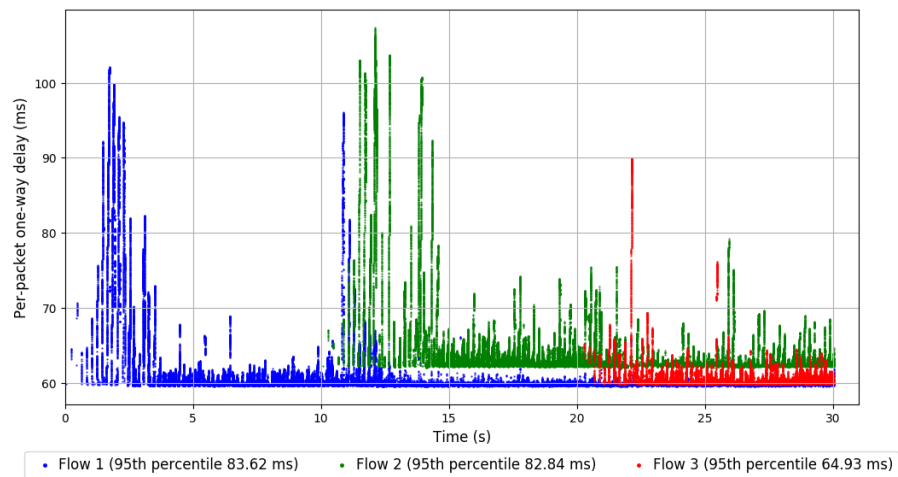
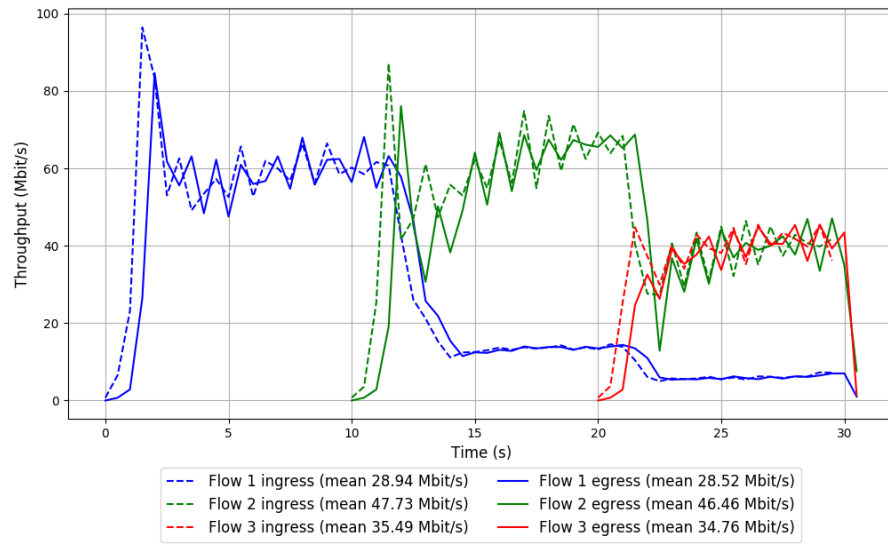


Run 9: Statistics of TCP Cubic

Start at: 2018-08-22 06:23:49
End at: 2018-08-22 06:24:19
Local clock offset: 2.615 ms
Remote clock offset: -35.937 ms

Below is generated by plot.py at 2018-08-22 07:28:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 71.03 Mbit/s
95th percentile per-packet one-way delay: 80.508 ms
Loss rate: 2.06%
-- Flow 1:
Average throughput: 28.52 Mbit/s
95th percentile per-packet one-way delay: 83.616 ms
Loss rate: 1.42%
-- Flow 2:
Average throughput: 46.46 Mbit/s
95th percentile per-packet one-way delay: 82.844 ms
Loss rate: 2.64%
-- Flow 3:
Average throughput: 34.76 Mbit/s
95th percentile per-packet one-way delay: 64.930 ms
Loss rate: 2.06%

Run 9: Report of TCP Cubic — Data Link

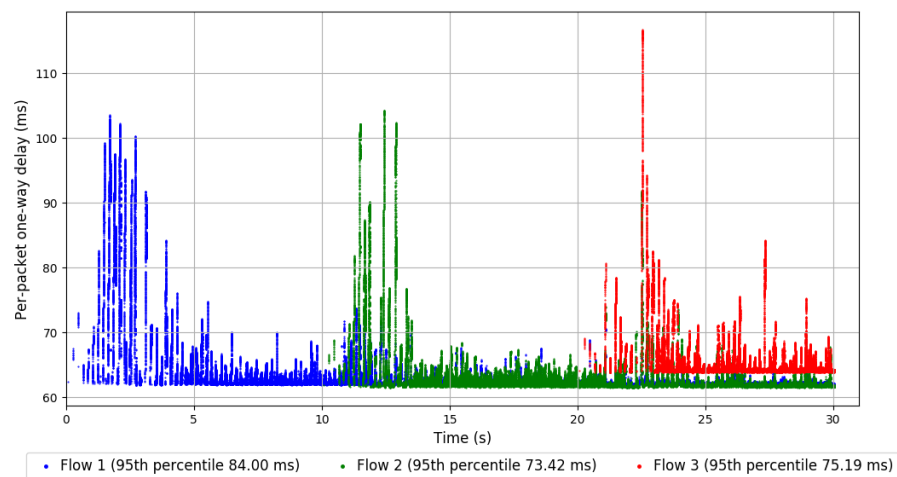
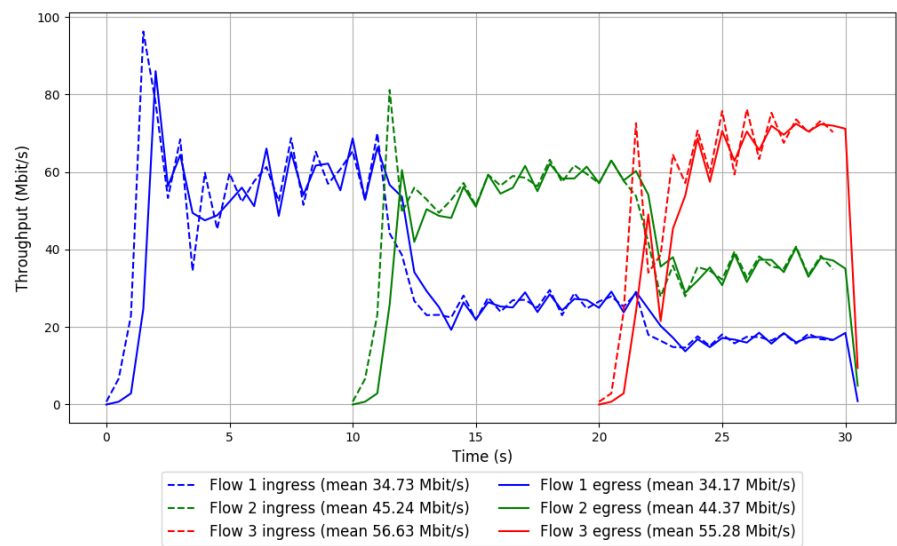


Run 10: Statistics of TCP Cubic

Start at: 2018-08-22 06:48:22
End at: 2018-08-22 06:48:52
Local clock offset: -0.079 ms
Remote clock offset: -36.504 ms

Below is generated by plot.py at 2018-08-22 07:28:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.07 Mbit/s
95th percentile per-packet one-way delay: 78.426 ms
Loss rate: 1.90%
-- Flow 1:
Average throughput: 34.17 Mbit/s
95th percentile per-packet one-way delay: 84.002 ms
Loss rate: 1.60%
-- Flow 2:
Average throughput: 44.37 Mbit/s
95th percentile per-packet one-way delay: 73.415 ms
Loss rate: 1.93%
-- Flow 3:
Average throughput: 55.28 Mbit/s
95th percentile per-packet one-way delay: 75.186 ms
Loss rate: 2.40%

Run 10: Report of TCP Cubic — Data Link

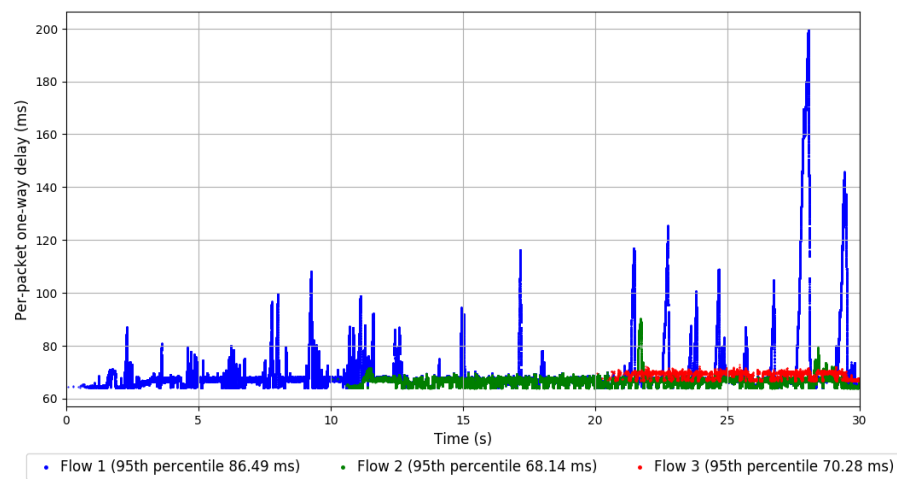
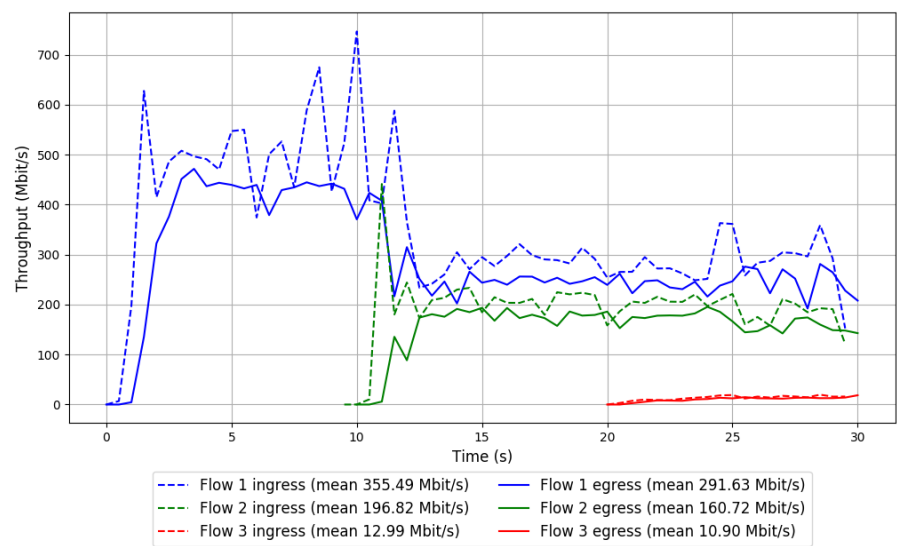


Run 1: Statistics of FillP

Start at: 2018-08-22 02:54:13
End at: 2018-08-22 02:54:43
Local clock offset: 0.987 ms
Remote clock offset: -32.133 ms

Below is generated by plot.py at 2018-08-22 07:32:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 402.26 Mbit/s
95th percentile per-packet one-way delay: 81.294 ms
Loss rate: 18.05%
-- Flow 1:
Average throughput: 291.63 Mbit/s
95th percentile per-packet one-way delay: 86.491 ms
Loss rate: 17.96%
-- Flow 2:
Average throughput: 160.72 Mbit/s
95th percentile per-packet one-way delay: 68.145 ms
Loss rate: 18.34%
-- Flow 3:
Average throughput: 10.90 Mbit/s
95th percentile per-packet one-way delay: 70.285 ms
Loss rate: 16.17%

Run 1: Report of FillP — Data Link

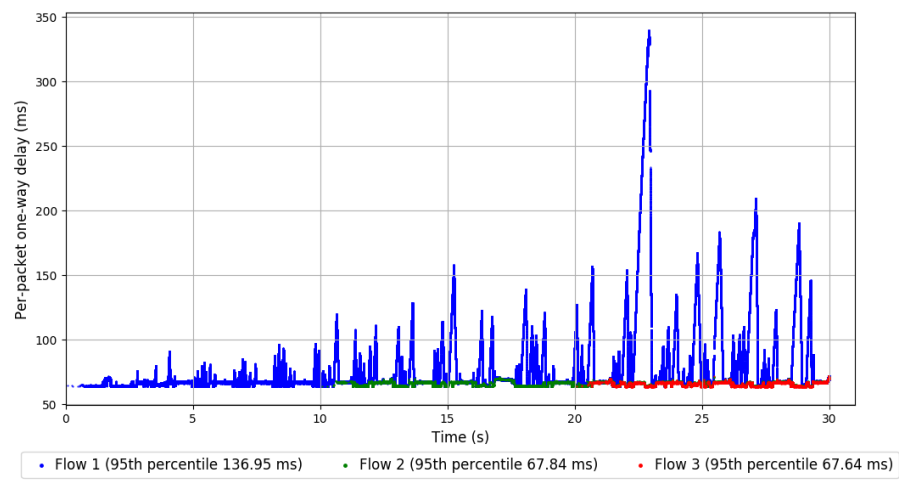
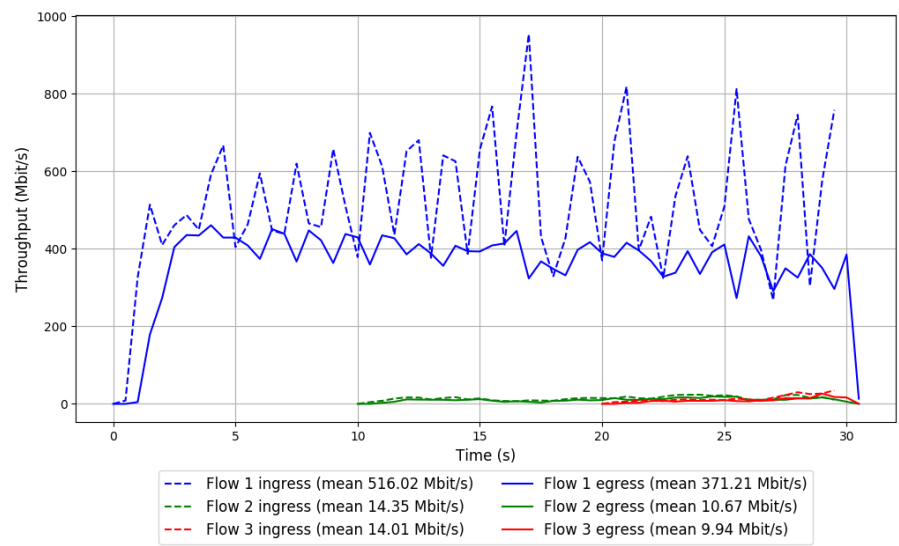


Run 2: Statistics of FillP

Start at: 2018-08-22 03:30:07
End at: 2018-08-22 03:30:37
Local clock offset: -2.19 ms
Remote clock offset: -34.084 ms

Below is generated by plot.py at 2018-08-22 07:32:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 381.62 Mbit/s
95th percentile per-packet one-way delay: 135.630 ms
Loss rate: 28.02%
-- Flow 1:
Average throughput: 371.21 Mbit/s
95th percentile per-packet one-way delay: 136.950 ms
Loss rate: 28.05%
-- Flow 2:
Average throughput: 10.67 Mbit/s
95th percentile per-packet one-way delay: 67.845 ms
Loss rate: 25.64%
-- Flow 3:
Average throughput: 9.94 Mbit/s
95th percentile per-packet one-way delay: 67.637 ms
Loss rate: 29.03%

Run 2: Report of FillP — Data Link

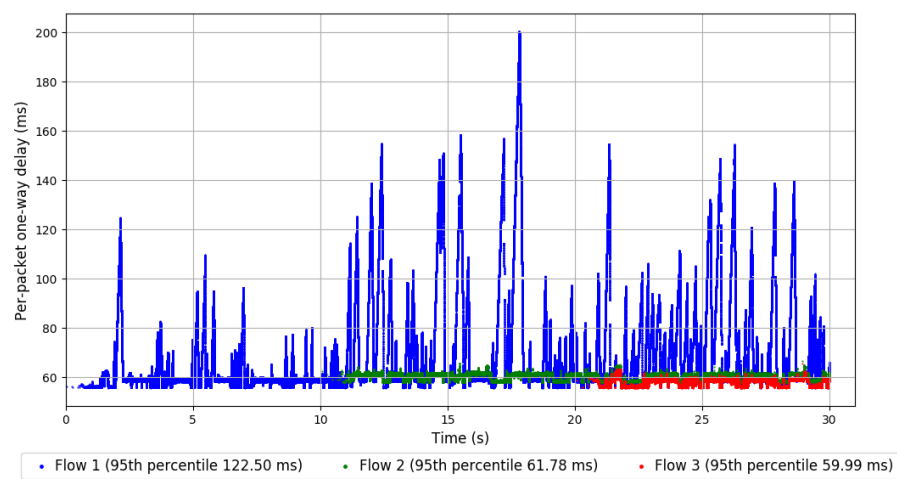
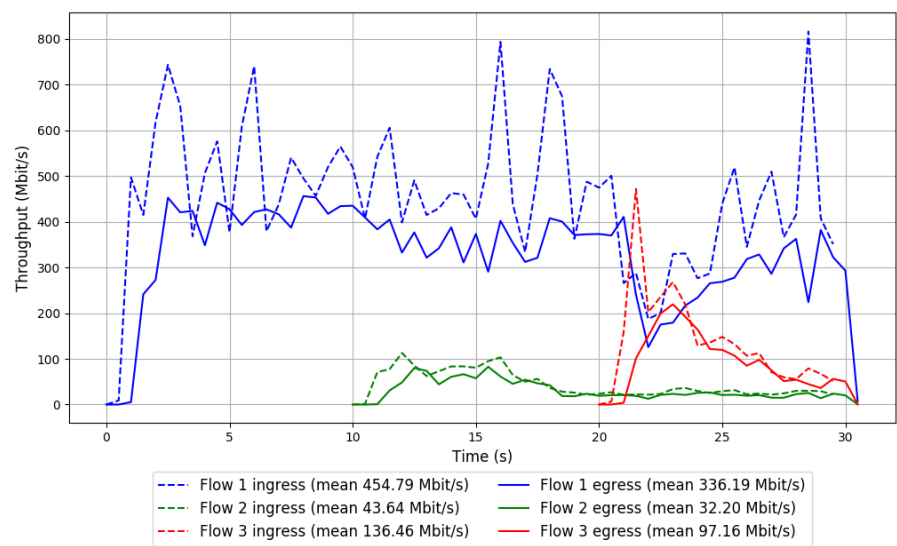


Run 3: Statistics of FillP

Start at: 2018-08-22 04:05:49
End at: 2018-08-22 04:06:19
Local clock offset: 3.121 ms
Remote clock offset: -40.106 ms

Below is generated by plot.py at 2018-08-22 07:32:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 389.80 Mbit/s
95th percentile per-packet one-way delay: 118.579 ms
Loss rate: 26.31%
-- Flow 1:
Average throughput: 336.19 Mbit/s
95th percentile per-packet one-way delay: 122.495 ms
Loss rate: 26.07%
-- Flow 2:
Average throughput: 32.20 Mbit/s
95th percentile per-packet one-way delay: 61.779 ms
Loss rate: 26.22%
-- Flow 3:
Average throughput: 97.16 Mbit/s
95th percentile per-packet one-way delay: 59.990 ms
Loss rate: 28.80%

Run 3: Report of FillP — Data Link

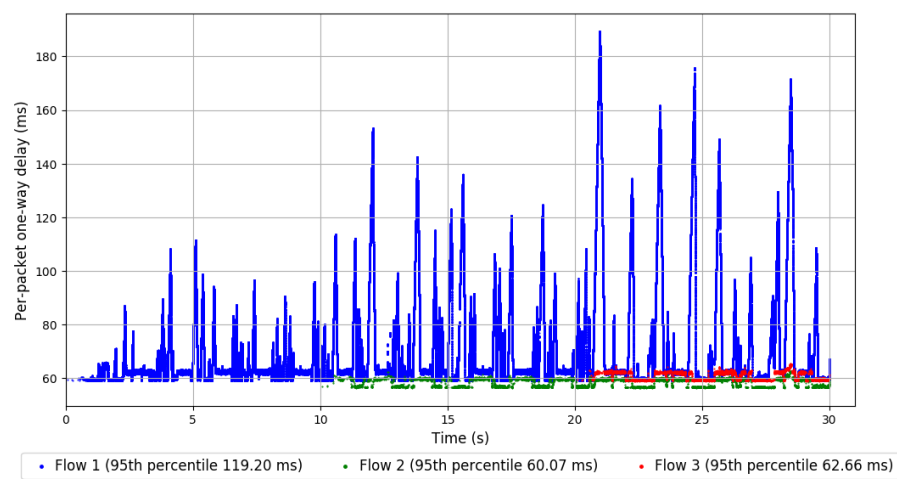
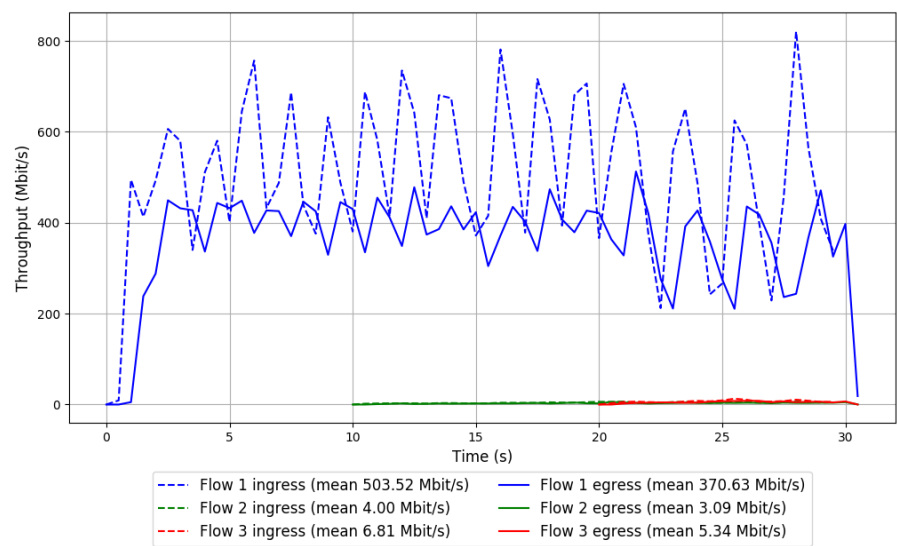


Run 4: Statistics of FillP

Start at: 2018-08-22 04:36:26
End at: 2018-08-22 04:36:56
Local clock offset: 2.082 ms
Remote clock offset: -38.836 ms

Below is generated by plot.py at 2018-08-22 07:32:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 374.45 Mbit/s
95th percentile per-packet one-way delay: 118.903 ms
Loss rate: 26.35%
-- Flow 1:
Average throughput: 370.63 Mbit/s
95th percentile per-packet one-way delay: 119.203 ms
Loss rate: 26.39%
-- Flow 2:
Average throughput: 3.09 Mbit/s
95th percentile per-packet one-way delay: 60.067 ms
Loss rate: 22.77%
-- Flow 3:
Average throughput: 5.34 Mbit/s
95th percentile per-packet one-way delay: 62.664 ms
Loss rate: 21.57%

Run 4: Report of FillP — Data Link

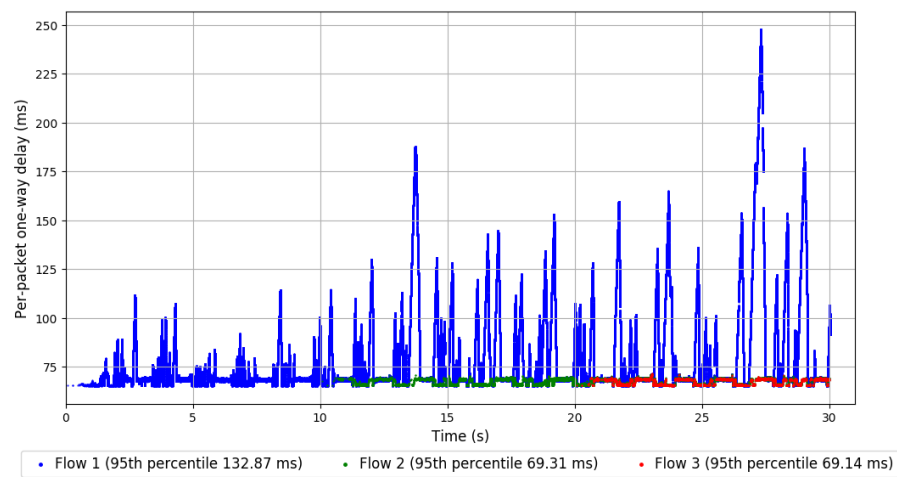
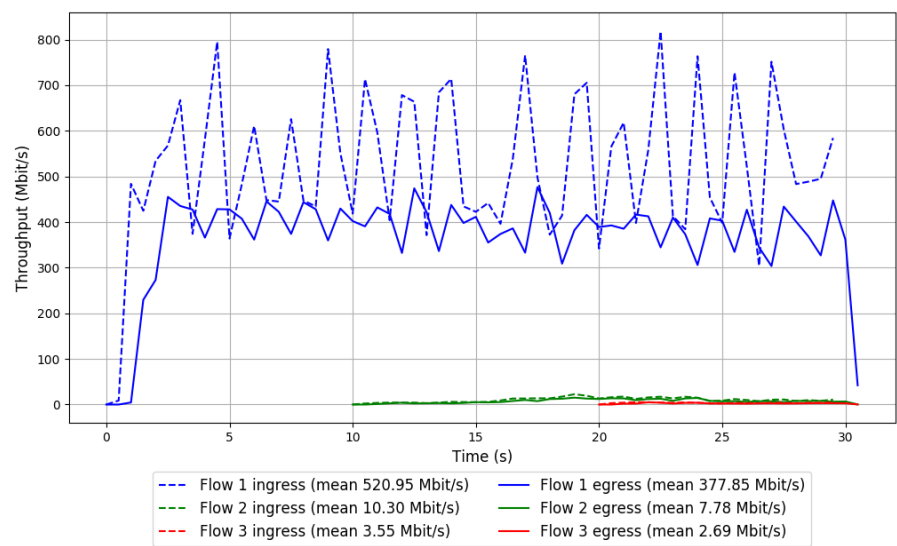


Run 5: Statistics of FillP

Start at: 2018-08-22 05:00:57
End at: 2018-08-22 05:01:27
Local clock offset: 1.83 ms
Remote clock offset: -32.866 ms

Below is generated by plot.py at 2018-08-22 07:33:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 383.92 Mbit/s
95th percentile per-packet one-way delay: 132.366 ms
Loss rate: 27.36%
-- Flow 1:
Average throughput: 377.85 Mbit/s
95th percentile per-packet one-way delay: 132.869 ms
Loss rate: 27.41%
-- Flow 2:
Average throughput: 7.78 Mbit/s
95th percentile per-packet one-way delay: 69.309 ms
Loss rate: 24.52%
-- Flow 3:
Average throughput: 2.69 Mbit/s
95th percentile per-packet one-way delay: 69.144 ms
Loss rate: 24.13%

Run 5: Report of FillP — Data Link

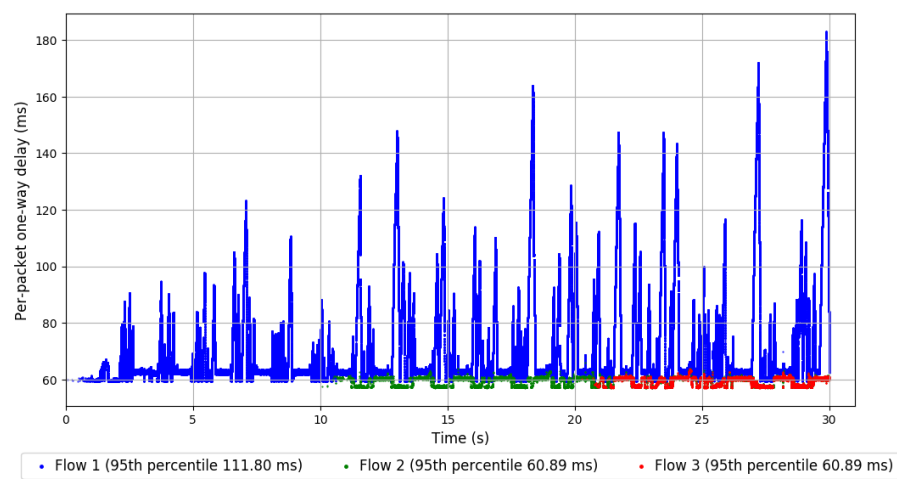
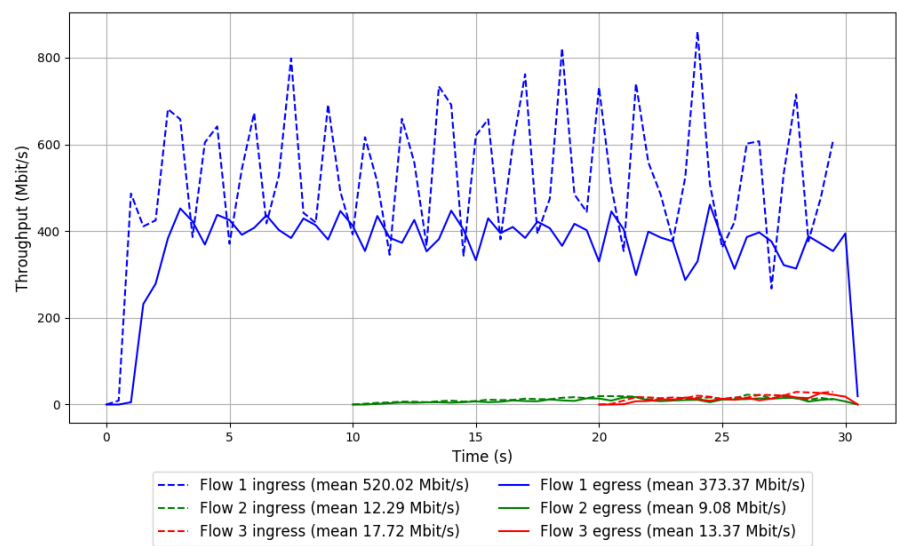


Run 6: Statistics of FillP

Start at: 2018-08-22 05:25:51
End at: 2018-08-22 05:26:21
Local clock offset: 3.534 ms
Remote clock offset: -37.608 ms

Below is generated by plot.py at 2018-08-22 07:33:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 383.76 Mbit/s
95th percentile per-packet one-way delay: 111.134 ms
Loss rate: 28.14%
-- Flow 1:
Average throughput: 373.37 Mbit/s
95th percentile per-packet one-way delay: 111.796 ms
Loss rate: 28.19%
-- Flow 2:
Average throughput: 9.08 Mbit/s
95th percentile per-packet one-way delay: 60.886 ms
Loss rate: 26.09%
-- Flow 3:
Average throughput: 13.37 Mbit/s
95th percentile per-packet one-way delay: 60.888 ms
Loss rate: 26.08%

Run 6: Report of FillP — Data Link

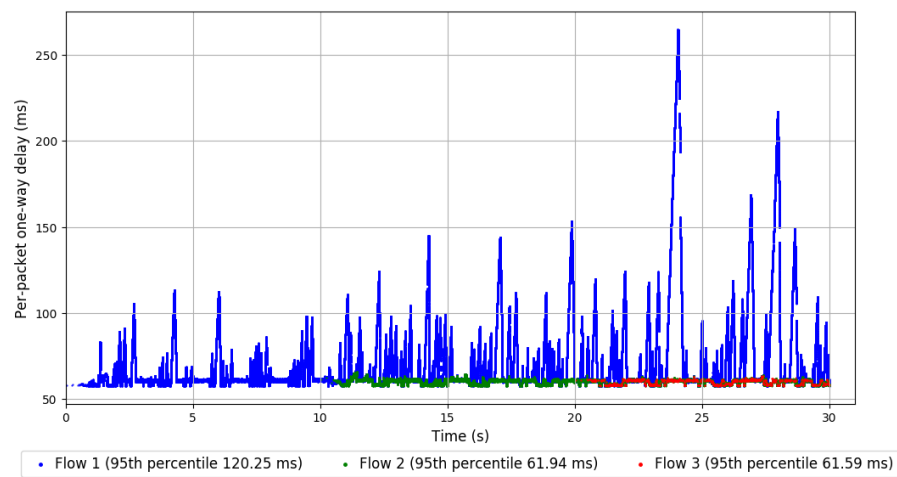
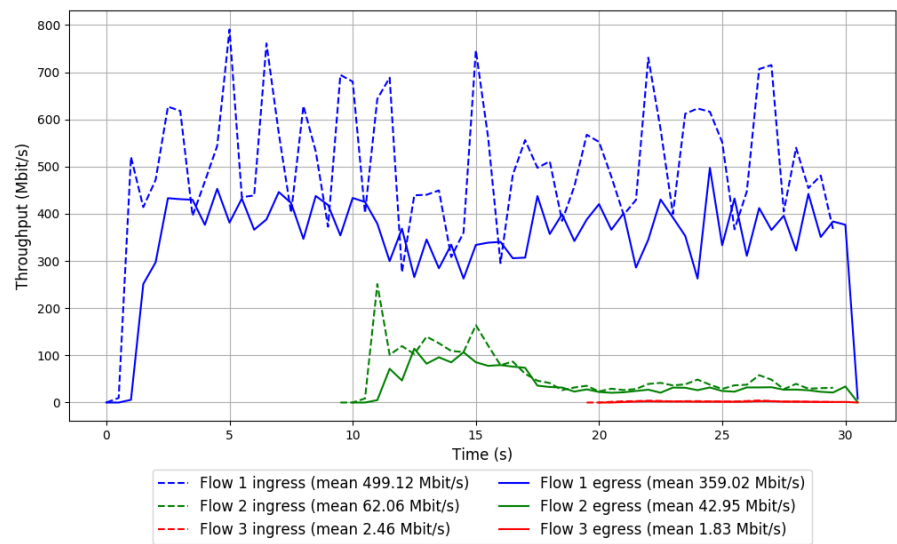


Run 7: Statistics of FillP

Start at: 2018-08-22 05:50:28
End at: 2018-08-22 05:50:58
Local clock offset: 2.954 ms
Remote clock offset: -37.377 ms

Below is generated by plot.py at 2018-08-22 07:34:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 388.23 Mbit/s
95th percentile per-packet one-way delay: 117.429 ms
Loss rate: 28.27%
-- Flow 1:
Average throughput: 359.02 Mbit/s
95th percentile per-packet one-way delay: 120.246 ms
Loss rate: 28.06%
-- Flow 2:
Average throughput: 42.95 Mbit/s
95th percentile per-packet one-way delay: 61.941 ms
Loss rate: 30.80%
-- Flow 3:
Average throughput: 1.83 Mbit/s
95th percentile per-packet one-way delay: 61.592 ms
Loss rate: 25.78%

Run 7: Report of FillP — Data Link

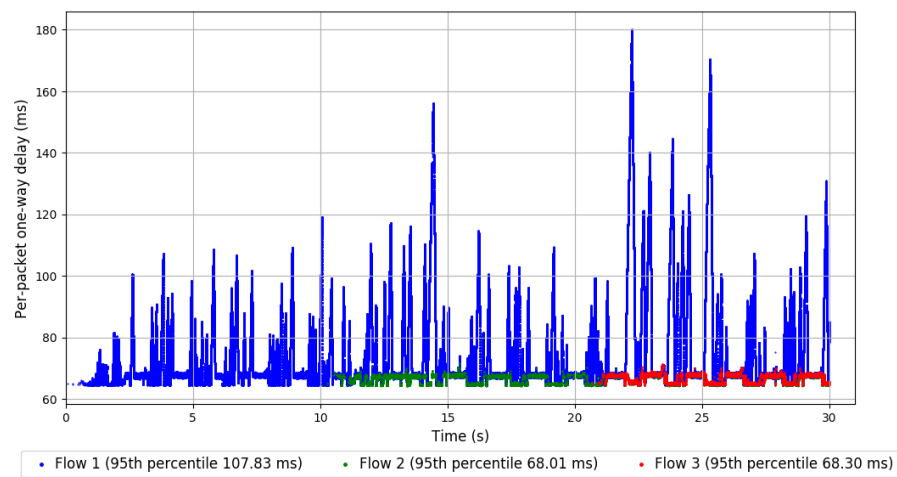
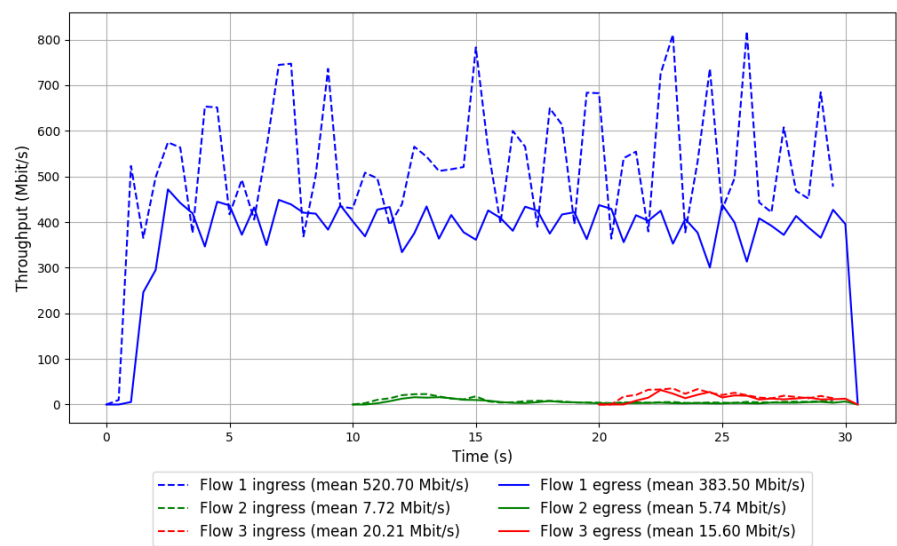


Run 8: Statistics of FillP

Start at: 2018-08-22 06:20:44
End at: 2018-08-22 06:21:14
Local clock offset: 0.438 ms
Remote clock offset: -33.299 ms

Below is generated by plot.py at 2018-08-22 07:34:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 392.28 Mbit/s
95th percentile per-packet one-way delay: 107.380 ms
Loss rate: 26.33%
-- Flow 1:
Average throughput: 383.50 Mbit/s
95th percentile per-packet one-way delay: 107.834 ms
Loss rate: 26.34%
-- Flow 2:
Average throughput: 5.74 Mbit/s
95th percentile per-packet one-way delay: 68.010 ms
Loss rate: 25.63%
-- Flow 3:
Average throughput: 15.60 Mbit/s
95th percentile per-packet one-way delay: 68.298 ms
Loss rate: 25.98%

Run 8: Report of FillP — Data Link

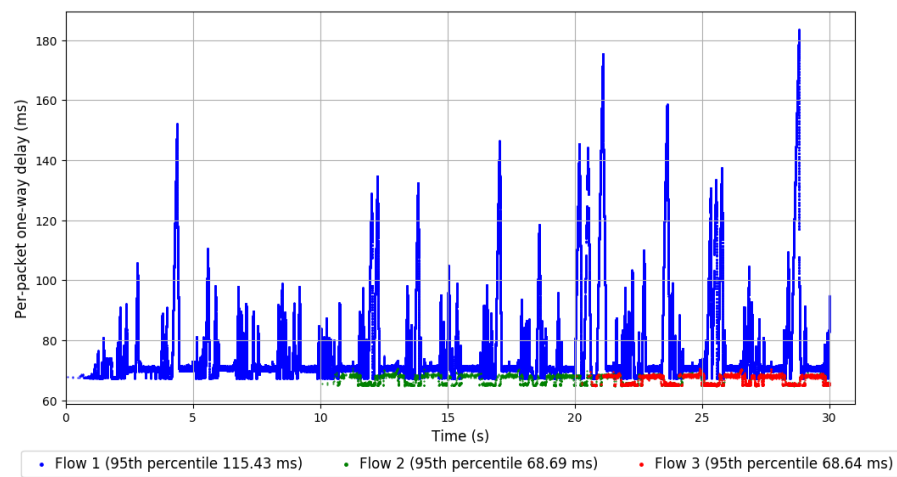
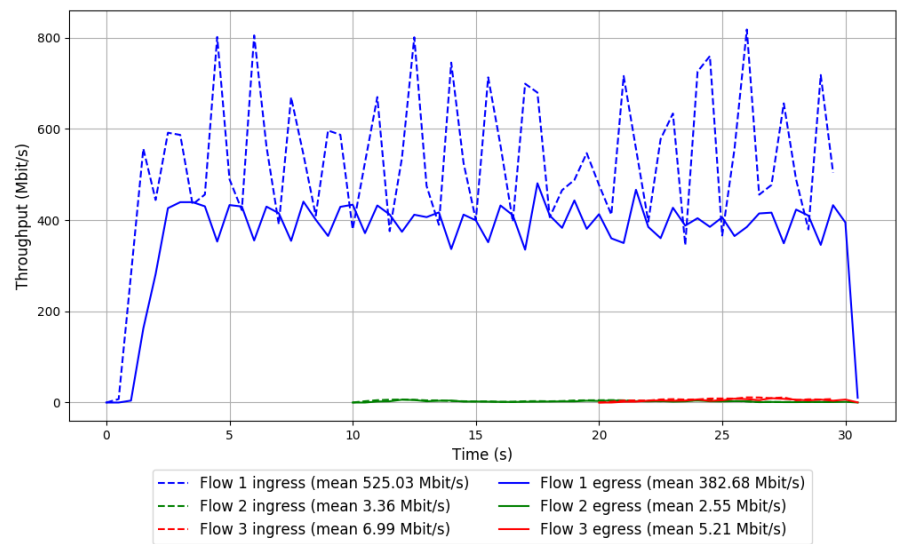


Run 9: Statistics of FillP

Start at: 2018-08-22 06:45:16
End at: 2018-08-22 06:45:46
Local clock offset: -0.481 ms
Remote clock offset: -33.513 ms

Below is generated by plot.py at 2018-08-22 07:37:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 386.11 Mbit/s
95th percentile per-packet one-way delay: 115.209 ms
Loss rate: 27.09%
-- Flow 1:
Average throughput: 382.68 Mbit/s
95th percentile per-packet one-way delay: 115.428 ms
Loss rate: 27.11%
-- Flow 2:
Average throughput: 2.55 Mbit/s
95th percentile per-packet one-way delay: 68.694 ms
Loss rate: 24.20%
-- Flow 3:
Average throughput: 5.21 Mbit/s
95th percentile per-packet one-way delay: 68.635 ms
Loss rate: 25.52%

Run 9: Report of FillP — Data Link

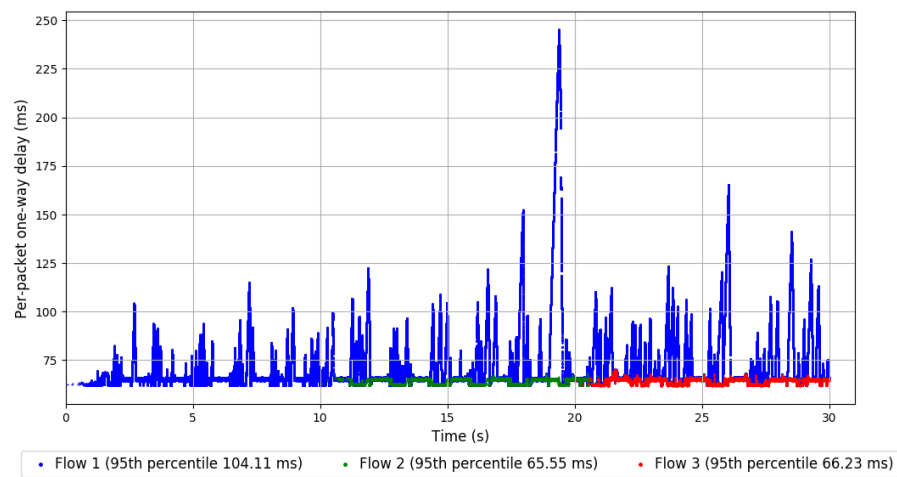
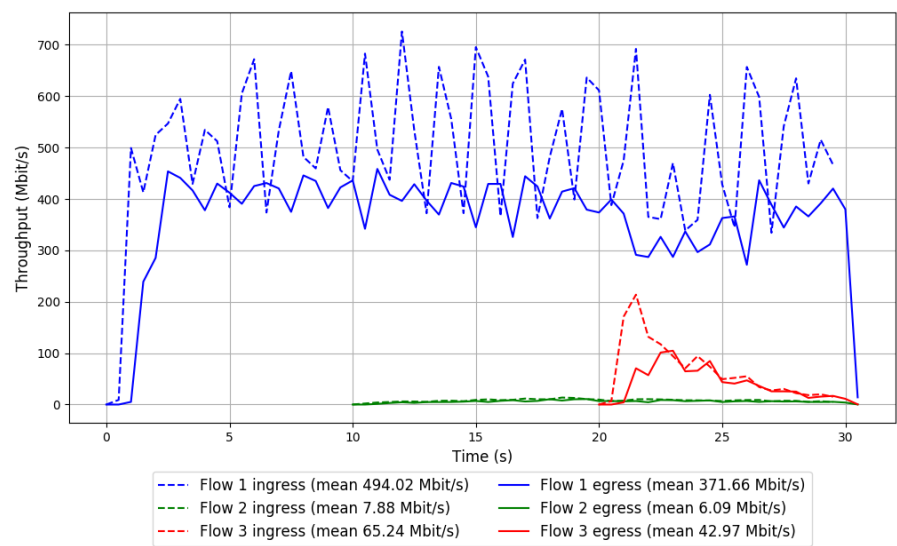


Run 10: Statistics of FillP

Start at: 2018-08-22 07:09:50
End at: 2018-08-22 07:10:20
Local clock offset: 0.328 ms
Remote clock offset: -35.968 ms

Below is generated by plot.py at 2018-08-22 07:38:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 389.98 Mbit/s
95th percentile per-packet one-way delay: 103.292 ms
Loss rate: 25.13%
-- Flow 1:
Average throughput: 371.66 Mbit/s
95th percentile per-packet one-way delay: 104.109 ms
Loss rate: 24.76%
-- Flow 2:
Average throughput: 6.09 Mbit/s
95th percentile per-packet one-way delay: 65.554 ms
Loss rate: 22.69%
-- Flow 3:
Average throughput: 42.97 Mbit/s
95th percentile per-packet one-way delay: 66.230 ms
Loss rate: 34.15%

Run 10: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2018-08-22 02:37:06

End at: 2018-08-22 02:37:36

Local clock offset: 2.25 ms

Remote clock offset: -39.491 ms

Below is generated by plot.py at 2018-08-22 07:38:27

Datalink statistics

-- Total of 3 flows:

Average throughput: 401.78 Mbit/s

95th percentile per-packet one-way delay: 90.385 ms

Loss rate: 32.94%

-- Flow 1:

Average throughput: 344.01 Mbit/s

95th percentile per-packet one-way delay: 93.759 ms

Loss rate: 32.33%

-- Flow 2:

Average throughput: 69.54 Mbit/s

95th percentile per-packet one-way delay: 63.969 ms

Loss rate: 35.67%

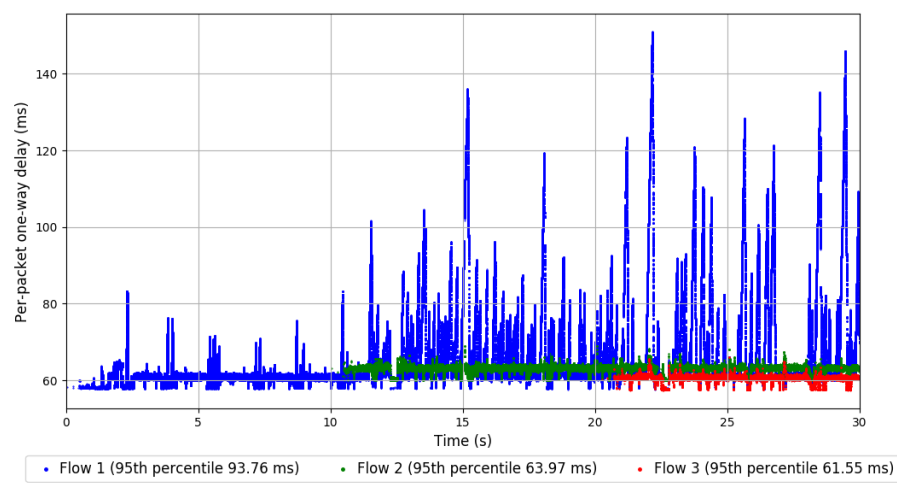
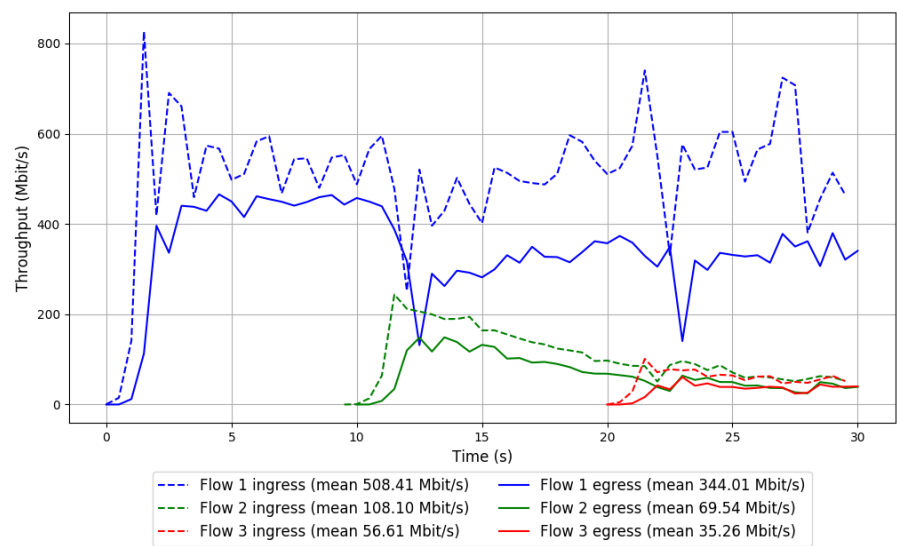
-- Flow 3:

Average throughput: 35.26 Mbit/s

95th percentile per-packet one-way delay: 61.553 ms

Loss rate: 38.96%

Run 1: Report of FillP-Sheep — Data Link

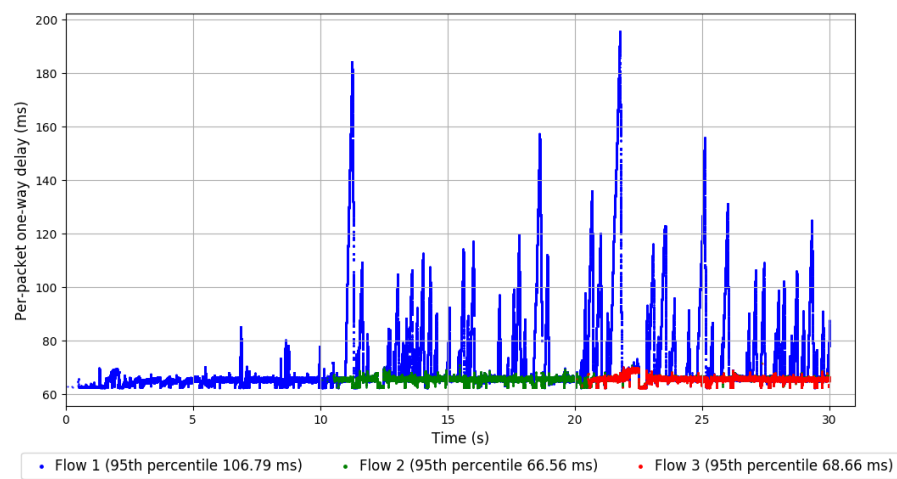
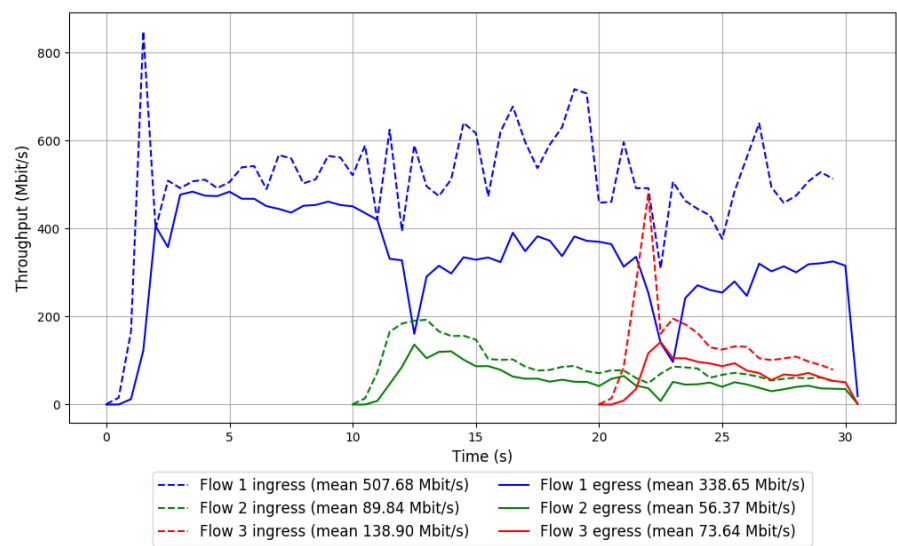


Run 2: Statistics of FillP-Sheep

Start at: 2018-08-22 03:07:20
End at: 2018-08-22 03:07:50
Local clock offset: 0.495 ms
Remote clock offset: -33.805 ms

Below is generated by plot.py at 2018-08-22 07:38:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 400.61 Mbit/s
95th percentile per-packet one-way delay: 103.232 ms
Loss rate: 34.70%
-- Flow 1:
Average throughput: 338.65 Mbit/s
95th percentile per-packet one-way delay: 106.791 ms
Loss rate: 33.29%
-- Flow 2:
Average throughput: 56.37 Mbit/s
95th percentile per-packet one-way delay: 66.555 ms
Loss rate: 37.26%
-- Flow 3:
Average throughput: 73.64 Mbit/s
95th percentile per-packet one-way delay: 68.657 ms
Loss rate: 47.01%

Run 2: Report of FillP-Sheep — Data Link

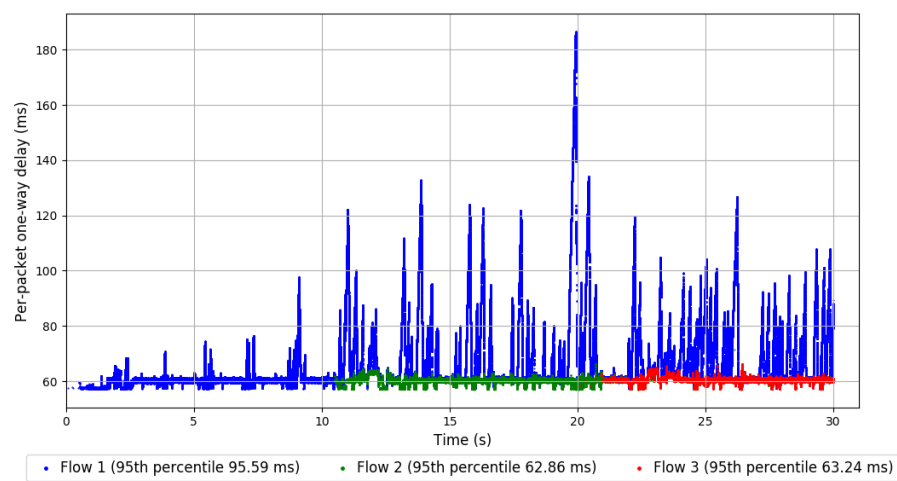
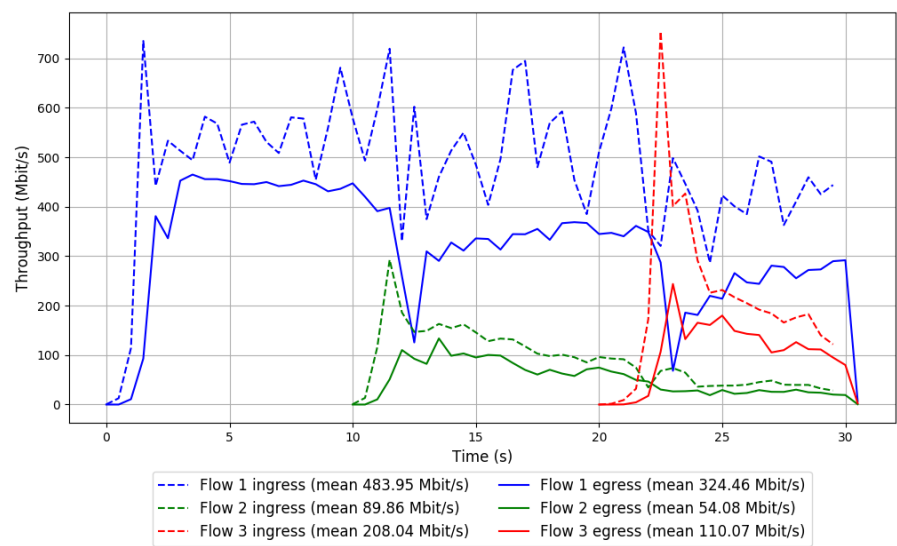


Run 3: Statistics of FillP-Sheep

Start at: 2018-08-22 03:37:29
End at: 2018-08-22 03:37:59
Local clock offset: -0.289 ms
Remote clock offset: -39.044 ms

Below is generated by plot.py at 2018-08-22 07:39:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 396.93 Mbit/s
95th percentile per-packet one-way delay: 92.207 ms
Loss rate: 35.21%
-- Flow 1:
Average throughput: 324.46 Mbit/s
95th percentile per-packet one-way delay: 95.595 ms
Loss rate: 32.95%
-- Flow 2:
Average throughput: 54.08 Mbit/s
95th percentile per-packet one-way delay: 62.857 ms
Loss rate: 39.82%
-- Flow 3:
Average throughput: 110.07 Mbit/s
95th percentile per-packet one-way delay: 63.239 ms
Loss rate: 47.08%

Run 3: Report of FillP-Sheep — Data Link

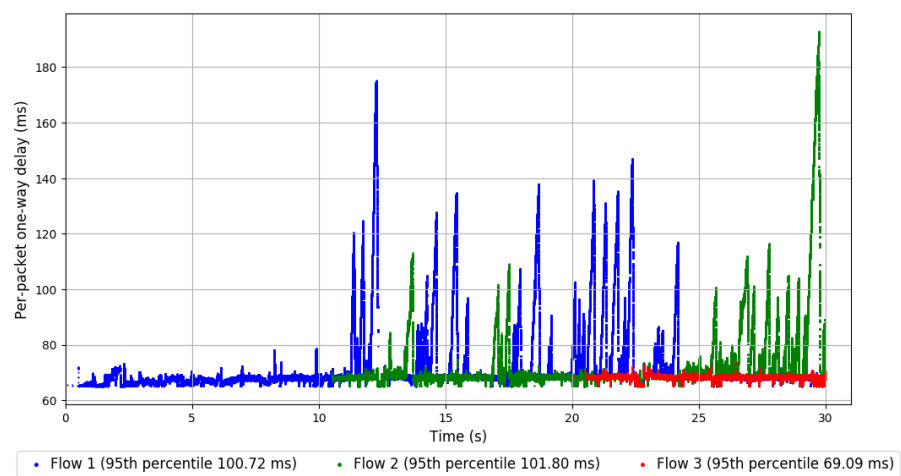
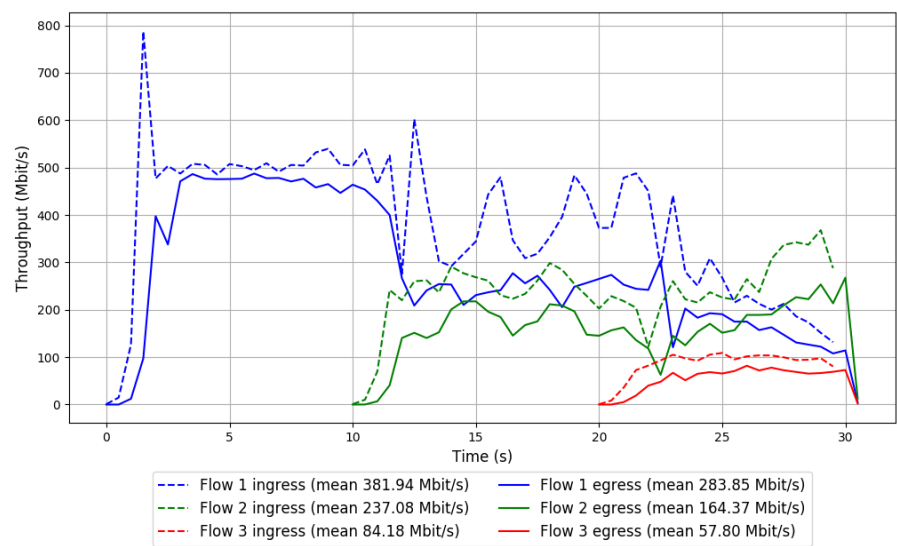


Run 4: Statistics of FillP-Sheep

Start at: 2018-08-22 04:18:51
End at: 2018-08-22 04:19:21
Local clock offset: -4.522 ms
Remote clock offset: -37.351 ms

Below is generated by plot.py at 2018-08-22 07:39:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 412.49 Mbit/s
95th percentile per-packet one-way delay: 99.781 ms
Loss rate: 27.34%
-- Flow 1:
Average throughput: 283.85 Mbit/s
95th percentile per-packet one-way delay: 100.718 ms
Loss rate: 25.67%
-- Flow 2:
Average throughput: 164.37 Mbit/s
95th percentile per-packet one-way delay: 101.804 ms
Loss rate: 30.67%
-- Flow 3:
Average throughput: 57.80 Mbit/s
95th percentile per-packet one-way delay: 69.086 ms
Loss rate: 31.34%

Run 4: Report of FillP-Sheep — Data Link

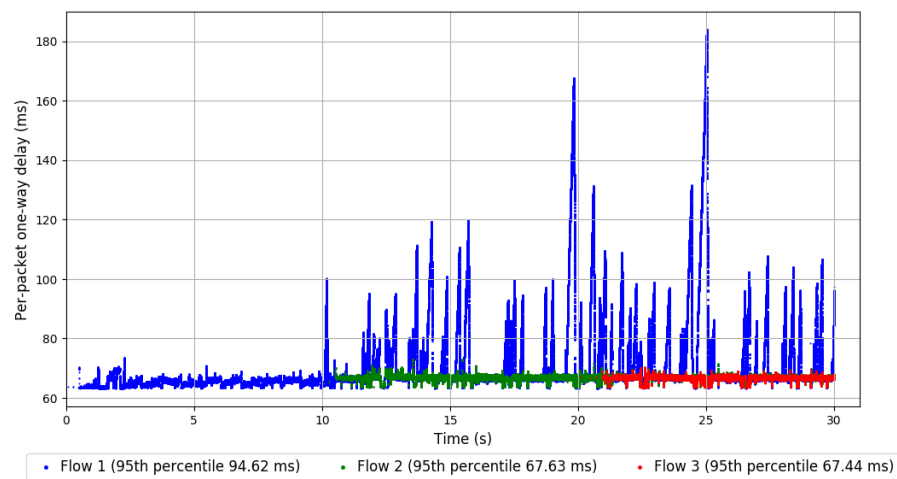
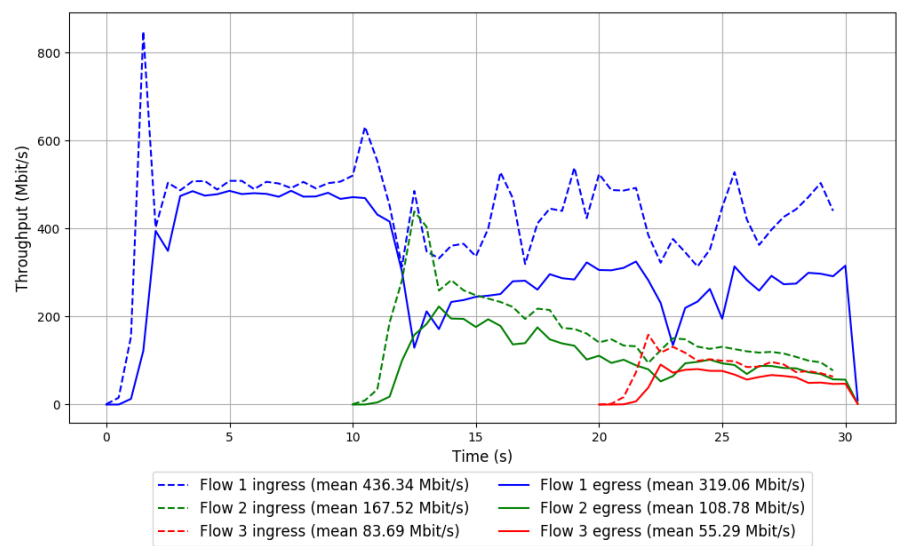


Run 5: Statistics of FillP-Sheep

Start at: 2018-08-22 04:43:49
End at: 2018-08-22 04:44:19
Local clock offset: -0.735 ms
Remote clock offset: -34.789 ms

Below is generated by plot.py at 2018-08-22 07:40:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 409.80 Mbit/s
95th percentile per-packet one-way delay: 90.846 ms
Loss rate: 28.79%
-- Flow 1:
Average throughput: 319.06 Mbit/s
95th percentile per-packet one-way delay: 94.622 ms
Loss rate: 26.86%
-- Flow 2:
Average throughput: 108.78 Mbit/s
95th percentile per-packet one-way delay: 67.629 ms
Loss rate: 35.06%
-- Flow 3:
Average throughput: 55.29 Mbit/s
95th percentile per-packet one-way delay: 67.442 ms
Loss rate: 33.94%

Run 5: Report of FillP-Sheep — Data Link

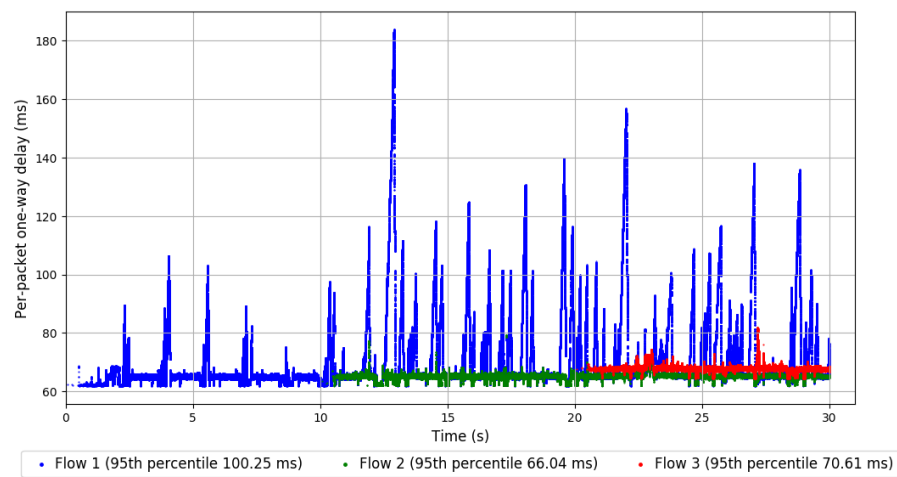
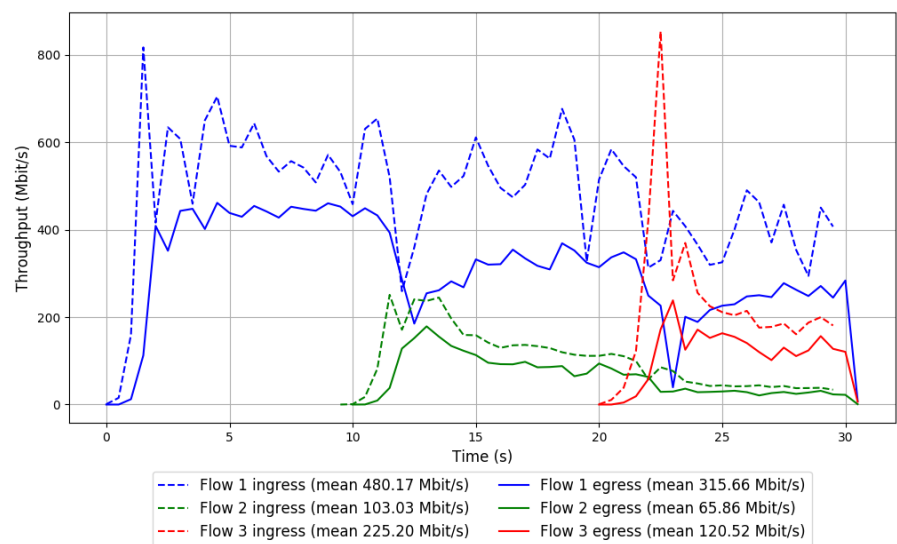


Run 6: Statistics of FillP-Sheep

Start at: 2018-08-22 05:08:20
End at: 2018-08-22 05:08:50
Local clock offset: -0.262 ms
Remote clock offset: -35.816 ms

Below is generated by plot.py at 2018-08-22 07:40:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 399.54 Mbit/s
95th percentile per-packet one-way delay: 96.402 ms
Loss rate: 35.92%
-- Flow 1:
Average throughput: 315.66 Mbit/s
95th percentile per-packet one-way delay: 100.247 ms
Loss rate: 34.25%
-- Flow 2:
Average throughput: 65.86 Mbit/s
95th percentile per-packet one-way delay: 66.044 ms
Loss rate: 36.07%
-- Flow 3:
Average throughput: 120.52 Mbit/s
95th percentile per-packet one-way delay: 70.612 ms
Loss rate: 46.49%

Run 6: Report of FillP-Sheep — Data Link

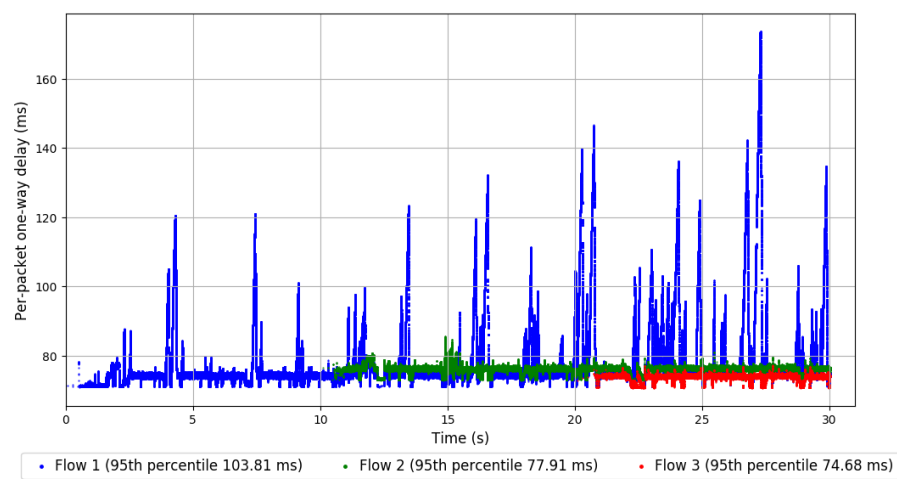
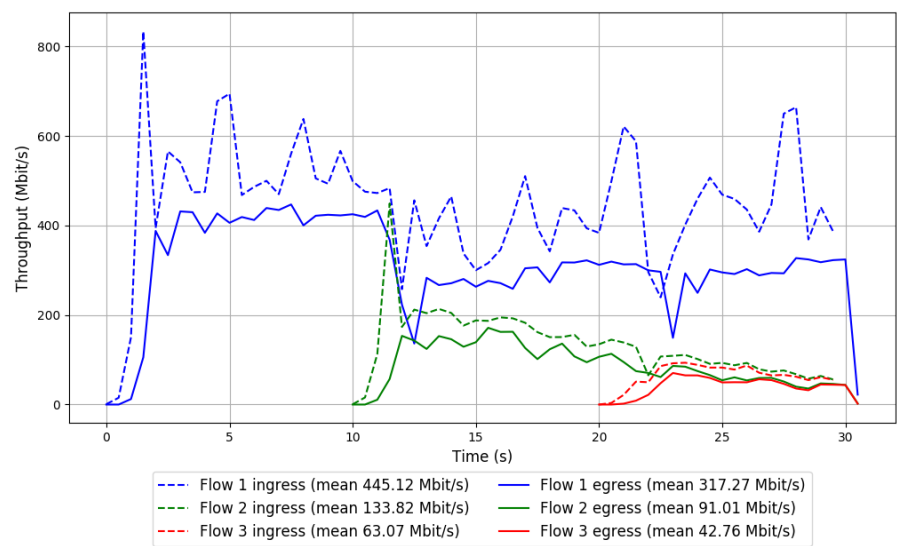


Run 7: Statistics of FillP-Sheep

Start at: 2018-08-22 05:33:15
End at: 2018-08-22 05:33:45
Local clock offset: -4.409 ms
Remote clock offset: -31.947 ms

Below is generated by plot.py at 2018-08-22 07:44:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 392.00 Mbit/s
95th percentile per-packet one-way delay: 99.707 ms
Loss rate: 29.37%
-- Flow 1:
Average throughput: 317.27 Mbit/s
95th percentile per-packet one-way delay: 103.808 ms
Loss rate: 28.71%
-- Flow 2:
Average throughput: 91.01 Mbit/s
95th percentile per-packet one-way delay: 77.910 ms
Loss rate: 31.99%
-- Flow 3:
Average throughput: 42.76 Mbit/s
95th percentile per-packet one-way delay: 74.678 ms
Loss rate: 32.19%

Run 7: Report of FillP-Sheep — Data Link

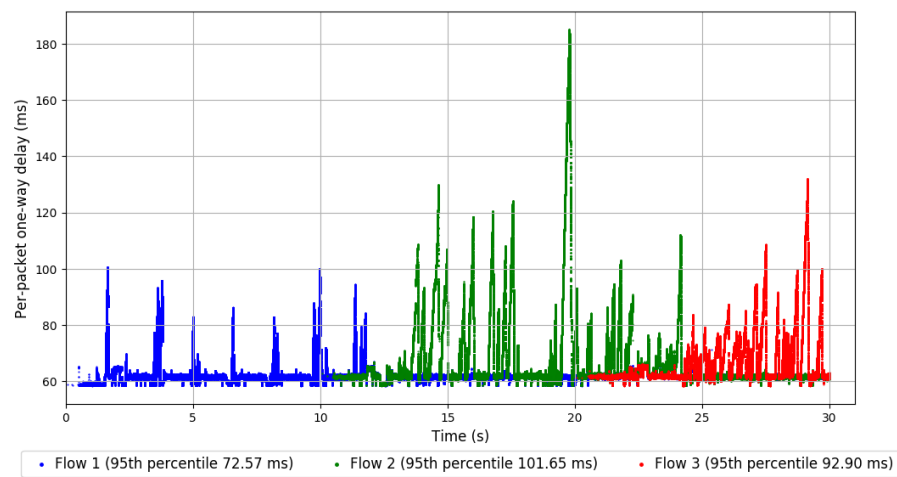
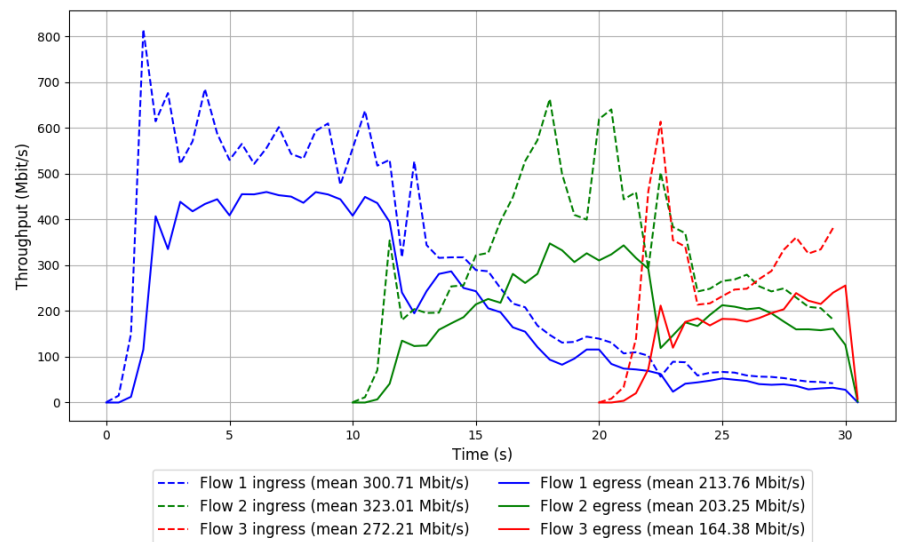


Run 8: Statistics of FillP-Sheep

Start at: 2018-08-22 05:57:53
End at: 2018-08-22 05:58:23
Local clock offset: 3.22 ms
Remote clock offset: -36.605 ms

Below is generated by plot.py at 2018-08-22 07:44:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 403.53 Mbit/s
95th percentile per-packet one-way delay: 87.584 ms
Loss rate: 33.40%
-- Flow 1:
Average throughput: 213.76 Mbit/s
95th percentile per-packet one-way delay: 72.572 ms
Loss rate: 28.91%
-- Flow 2:
Average throughput: 203.25 Mbit/s
95th percentile per-packet one-way delay: 101.651 ms
Loss rate: 37.08%
-- Flow 3:
Average throughput: 164.38 Mbit/s
95th percentile per-packet one-way delay: 92.901 ms
Loss rate: 39.61%

Run 8: Report of FillP-Sheep — Data Link

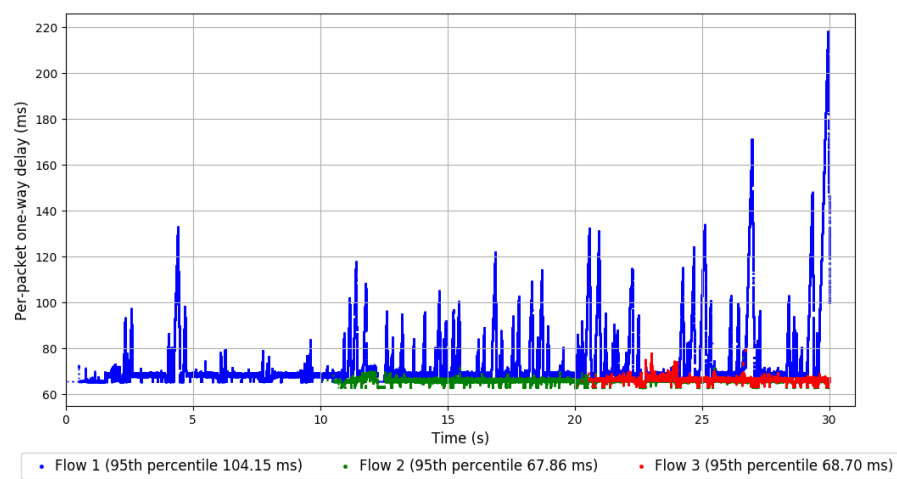
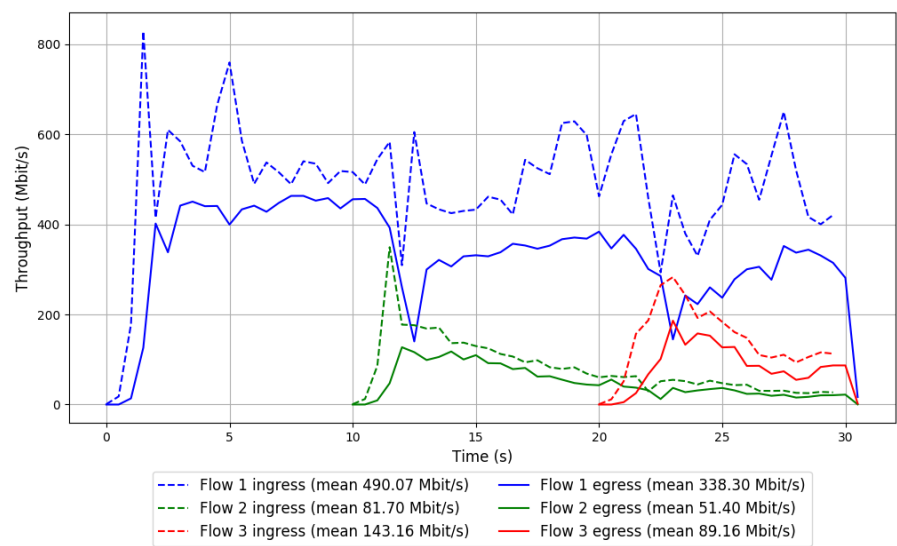


Run 9: Statistics of FillP-Sheep

Start at: 2018-08-22 06:28:07
End at: 2018-08-22 06:28:37
Local clock offset: 1.766 ms
Remote clock offset: -33.337 ms

Below is generated by plot.py at 2018-08-22 07:45:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 402.07 Mbit/s
95th percentile per-packet one-way delay: 100.108 ms
Loss rate: 32.07%
-- Flow 1:
Average throughput: 338.30 Mbit/s
95th percentile per-packet one-way delay: 104.150 ms
Loss rate: 30.97%
-- Flow 2:
Average throughput: 51.40 Mbit/s
95th percentile per-packet one-way delay: 67.860 ms
Loss rate: 37.09%
-- Flow 3:
Average throughput: 89.16 Mbit/s
95th percentile per-packet one-way delay: 68.697 ms
Loss rate: 37.71%

Run 9: Report of FillP-Sheep — Data Link

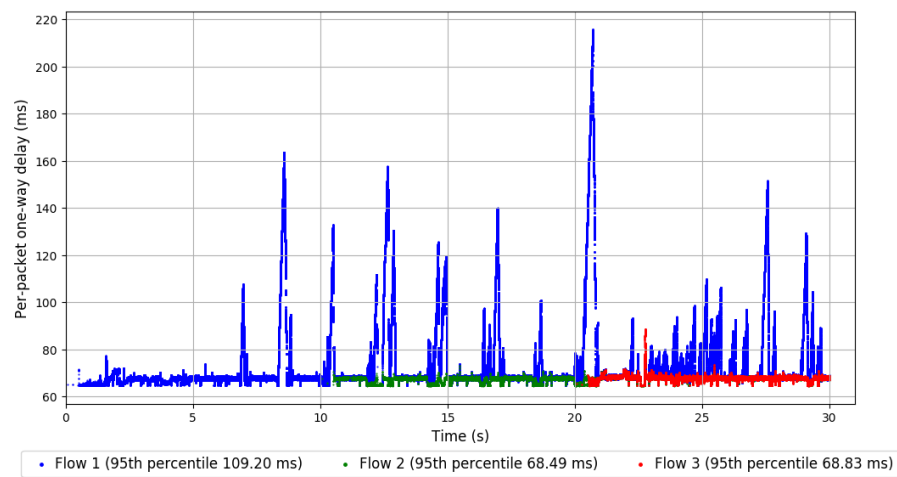
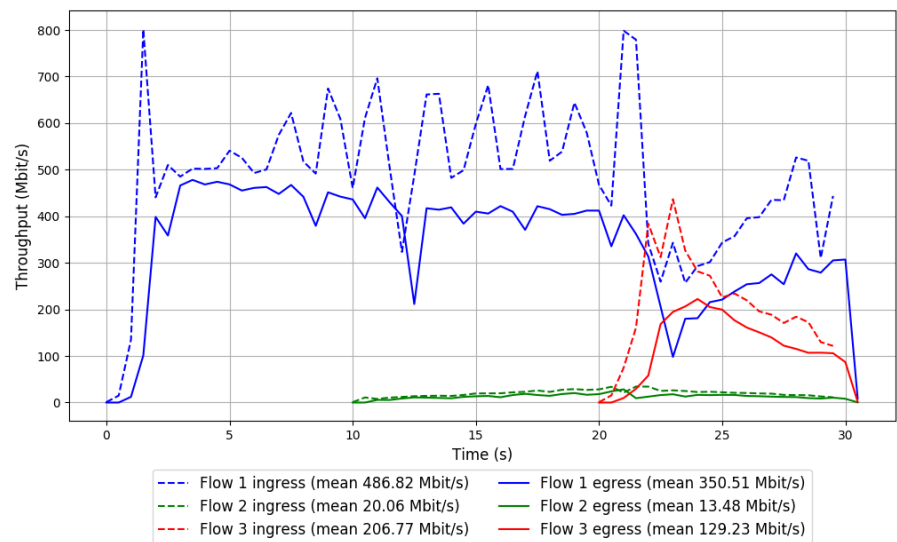


Run 10: Statistics of FillP-Sheep

Start at: 2018-08-22 06:52:41
End at: 2018-08-22 06:53:11
Local clock offset: 0.596 ms
Remote clock offset: -32.673 ms

Below is generated by plot.py at 2018-08-22 07:45:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 402.35 Mbit/s
95th percentile per-packet one-way delay: 105.049 ms
Loss rate: 29.25%
-- Flow 1:
Average throughput: 350.51 Mbit/s
95th percentile per-packet one-way delay: 109.204 ms
Loss rate: 27.99%
-- Flow 2:
Average throughput: 13.48 Mbit/s
95th percentile per-packet one-way delay: 68.491 ms
Loss rate: 32.82%
-- Flow 3:
Average throughput: 129.23 Mbit/s
95th percentile per-packet one-way delay: 68.832 ms
Loss rate: 37.49%

Run 10: Report of FillP-Sheep — Data Link

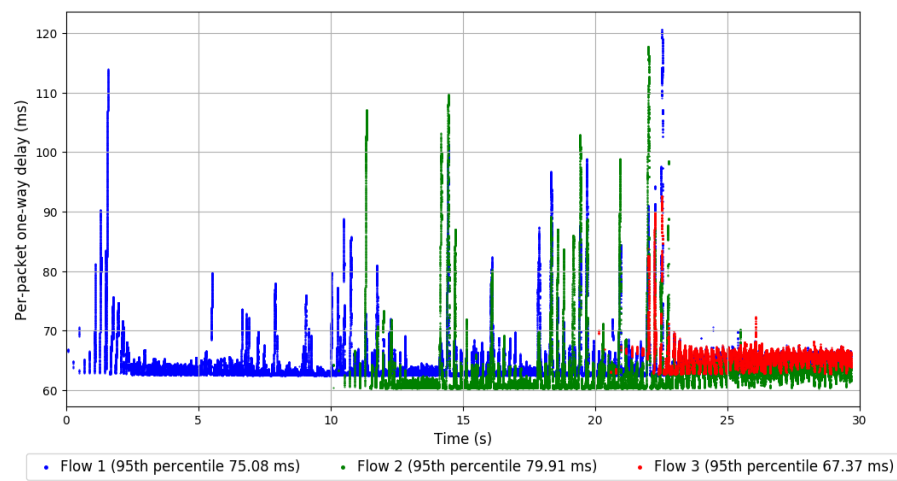
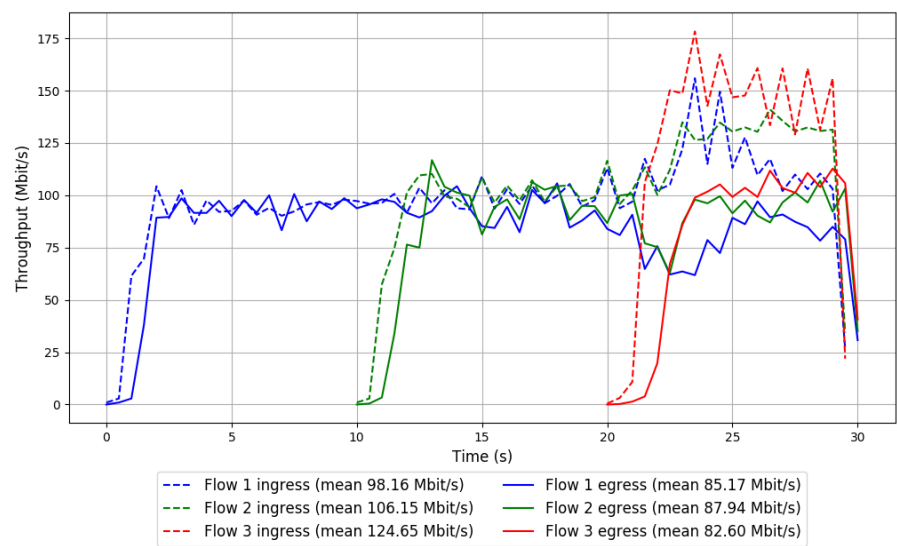


Run 1: Statistics of Indigo

Start at: 2018-08-22 02:55:50
End at: 2018-08-22 02:56:20
Local clock offset: 0.188 ms
Remote clock offset: -36.502 ms

Below is generated by plot.py at 2018-08-22 07:45:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 169.90 Mbit/s
95th percentile per-packet one-way delay: 75.313 ms
Loss rate: 18.51%
-- Flow 1:
Average throughput: 85.17 Mbit/s
95th percentile per-packet one-way delay: 75.080 ms
Loss rate: 13.24%
-- Flow 2:
Average throughput: 87.94 Mbit/s
95th percentile per-packet one-way delay: 79.905 ms
Loss rate: 17.14%
-- Flow 3:
Average throughput: 82.60 Mbit/s
95th percentile per-packet one-way delay: 67.367 ms
Loss rate: 33.77%

Run 1: Report of Indigo — Data Link

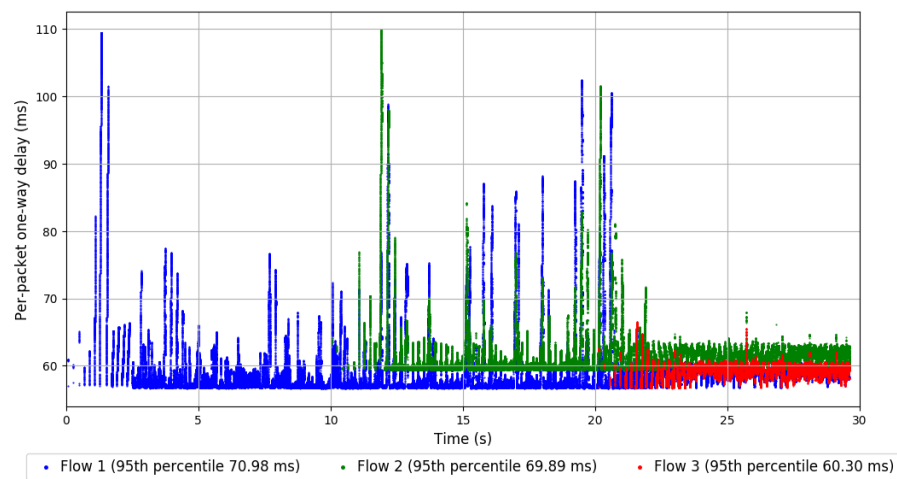
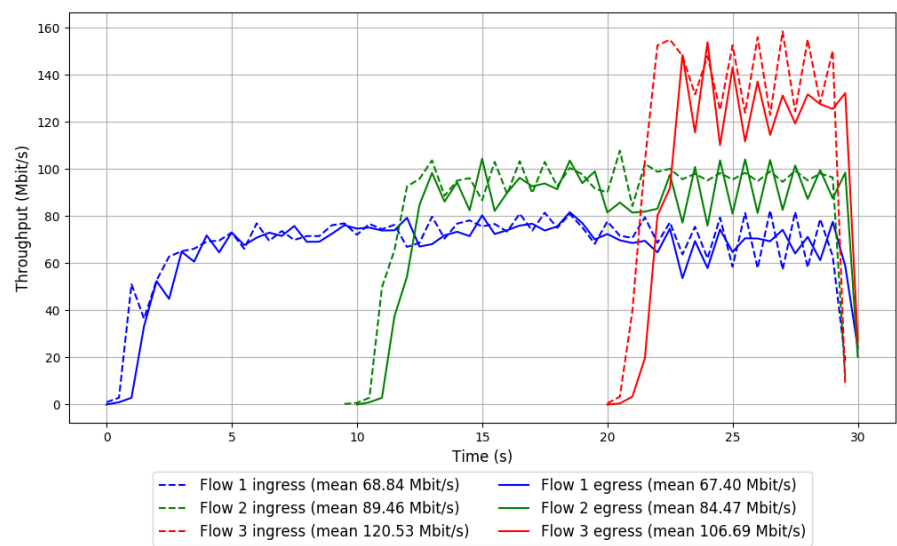


Run 2: Statistics of Indigo

Start at: 2018-08-22 03:31:43
End at: 2018-08-22 03:32:13
Local clock offset: 1.1 ms
Remote clock offset: -38.167 ms

Below is generated by plot.py at 2018-08-22 07:45:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 157.58 Mbit/s
95th percentile per-packet one-way delay: 67.285 ms
Loss rate: 5.51%
-- Flow 1:
Average throughput: 67.40 Mbit/s
95th percentile per-packet one-way delay: 70.976 ms
Loss rate: 2.09%
-- Flow 2:
Average throughput: 84.47 Mbit/s
95th percentile per-packet one-way delay: 69.890 ms
Loss rate: 5.60%
-- Flow 3:
Average throughput: 106.69 Mbit/s
95th percentile per-packet one-way delay: 60.297 ms
Loss rate: 11.47%

Run 2: Report of Indigo — Data Link

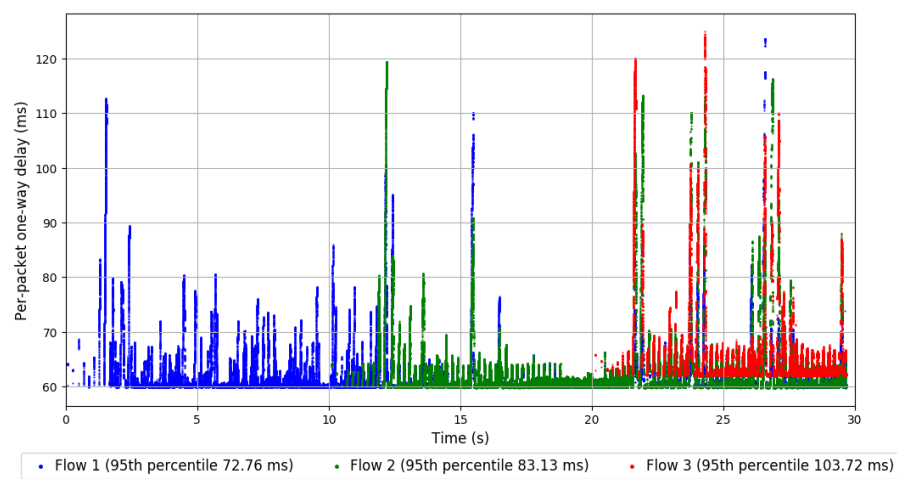
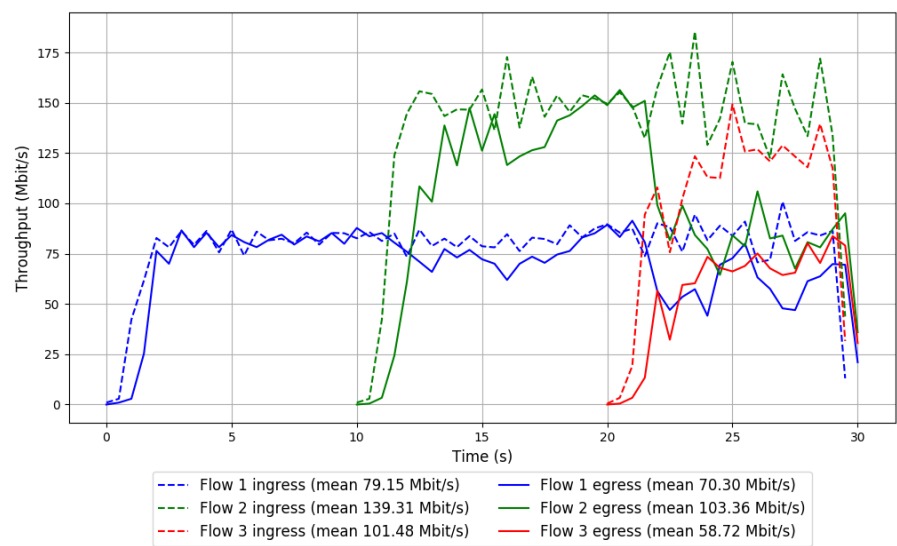


Run 3: Statistics of Indigo

Start at: 2018-08-22 04:07:26
End at: 2018-08-22 04:07:56
Local clock offset: 0.371 ms
Remote clock offset: -38.621 ms

Below is generated by plot.py at 2018-08-22 07:45:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 157.50 Mbit/s
95th percentile per-packet one-way delay: 80.817 ms
Loss rate: 22.76%
-- Flow 1:
Average throughput: 70.30 Mbit/s
95th percentile per-packet one-way delay: 72.759 ms
Loss rate: 11.19%
-- Flow 2:
Average throughput: 103.36 Mbit/s
95th percentile per-packet one-way delay: 83.128 ms
Loss rate: 25.82%
-- Flow 3:
Average throughput: 58.72 Mbit/s
95th percentile per-packet one-way delay: 103.722 ms
Loss rate: 42.14%

Run 3: Report of Indigo — Data Link

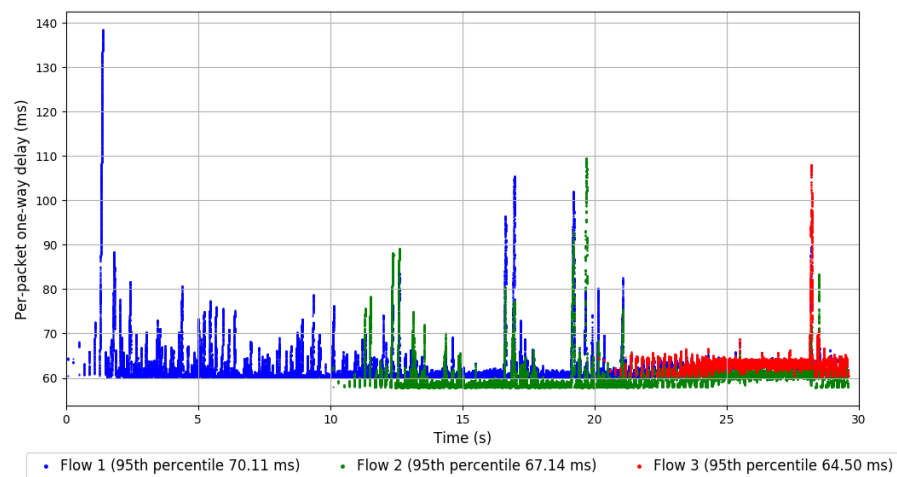
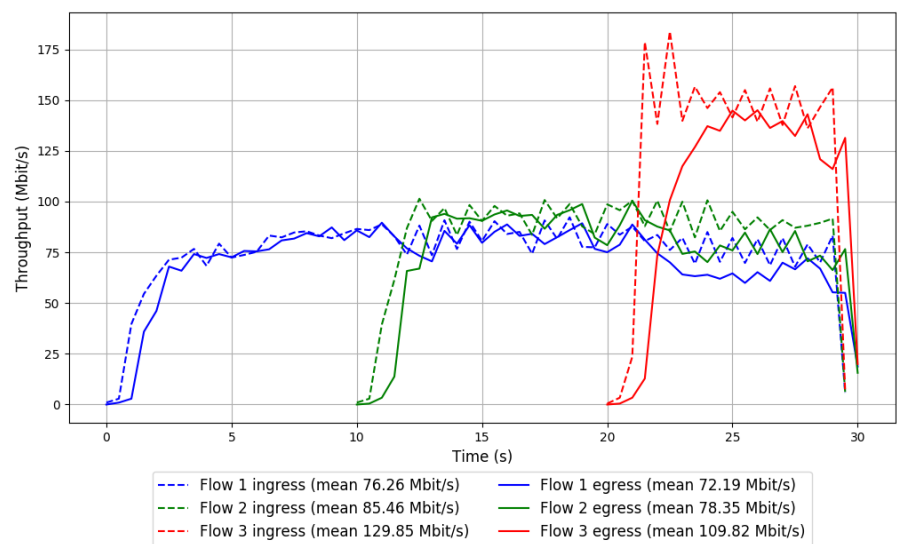


Run 4: Statistics of Indigo

Start at: 2018-08-22 04:38:03
End at: 2018-08-22 04:38:33
Local clock offset: 0.49 ms
Remote clock offset: -38.973 ms

Below is generated by plot.py at 2018-08-22 07:45:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 159.04 Mbit/s
95th percentile per-packet one-way delay: 67.770 ms
Loss rate: 8.72%
-- Flow 1:
Average throughput: 72.19 Mbit/s
95th percentile per-packet one-way delay: 70.115 ms
Loss rate: 5.34%
-- Flow 2:
Average throughput: 78.35 Mbit/s
95th percentile per-packet one-way delay: 67.142 ms
Loss rate: 8.32%
-- Flow 3:
Average throughput: 109.82 Mbit/s
95th percentile per-packet one-way delay: 64.502 ms
Loss rate: 15.46%

Run 4: Report of Indigo — Data Link

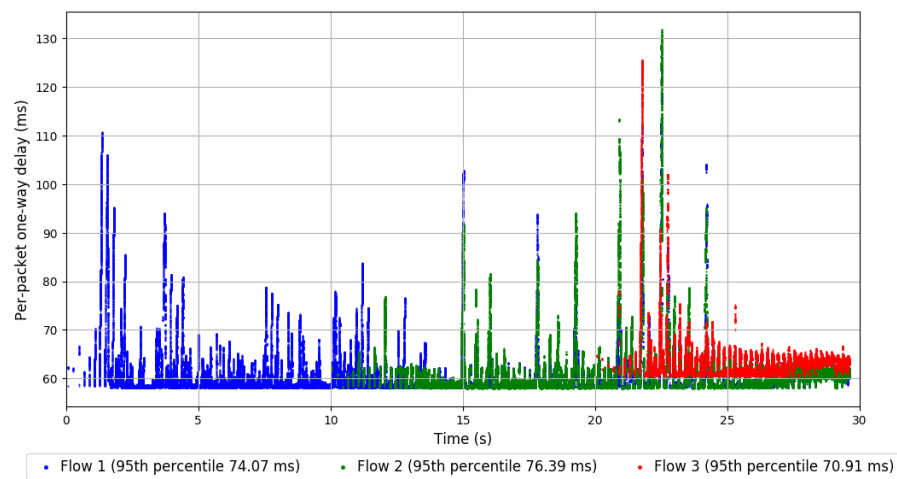
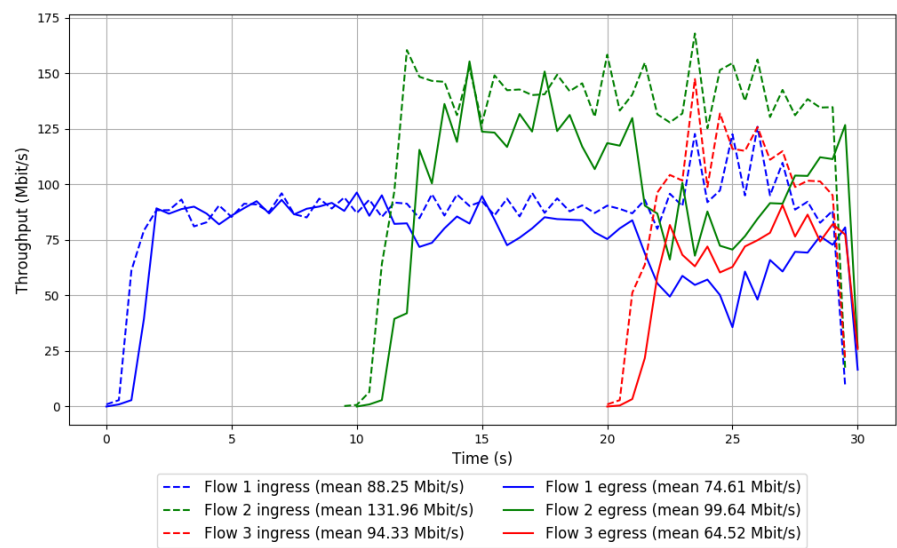


Run 5: Statistics of Indigo

Start at: 2018-08-22 05:02:34
End at: 2018-08-22 05:03:04
Local clock offset: 1.503 ms
Remote clock offset: -38.011 ms

Below is generated by plot.py at 2018-08-22 07:45:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 161.37 Mbit/s
95th percentile per-packet one-way delay: 74.583 ms
Loss rate: 21.67%
-- Flow 1:
Average throughput: 74.61 Mbit/s
95th percentile per-packet one-way delay: 74.067 ms
Loss rate: 15.44%
-- Flow 2:
Average throughput: 99.64 Mbit/s
95th percentile per-packet one-way delay: 76.393 ms
Loss rate: 24.49%
-- Flow 3:
Average throughput: 64.52 Mbit/s
95th percentile per-packet one-way delay: 70.906 ms
Loss rate: 31.62%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2018-08-22 05:27:28

End at: 2018-08-22 05:27:58

Local clock offset: 0.595 ms

Remote clock offset: -38.0 ms

Below is generated by plot.py at 2018-08-22 07:45:25

Datalink statistics

-- Total of 3 flows:

Average throughput: 171.15 Mbit/s

95th percentile per-packet one-way delay: 80.877 ms

Loss rate: 17.25%

-- Flow 1:

Average throughput: 69.69 Mbit/s

95th percentile per-packet one-way delay: 78.232 ms

Loss rate: 9.75%

-- Flow 2:

Average throughput: 108.76 Mbit/s

95th percentile per-packet one-way delay: 88.936 ms

Loss rate: 19.92%

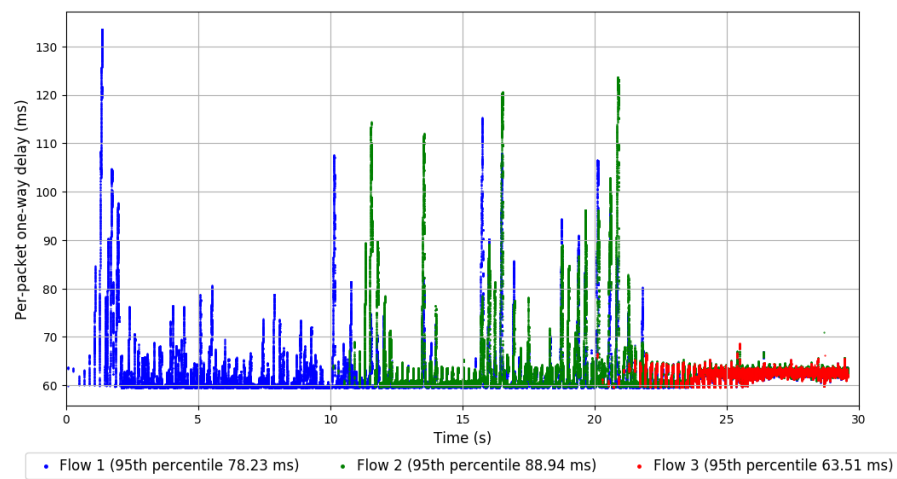
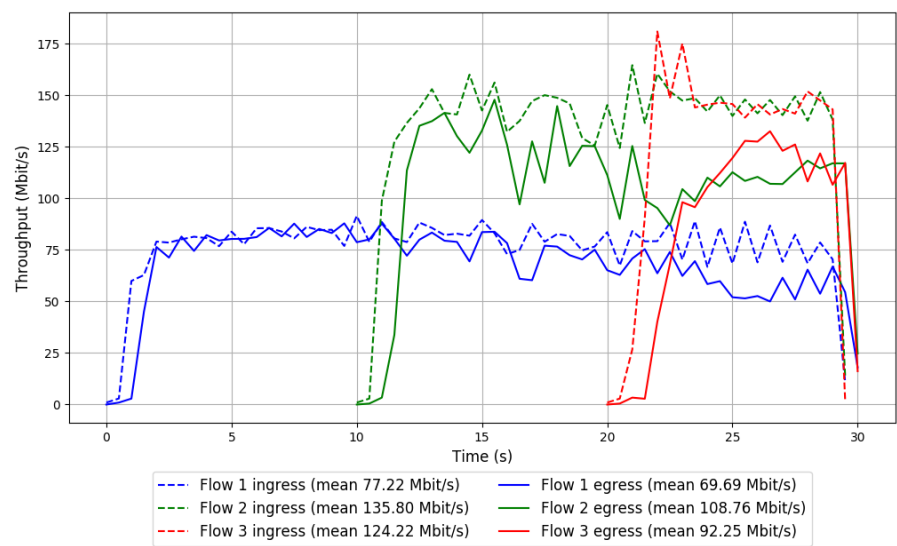
-- Flow 3:

Average throughput: 92.25 Mbit/s

95th percentile per-packet one-way delay: 63.511 ms

Loss rate: 25.77%

Run 6: Report of Indigo — Data Link

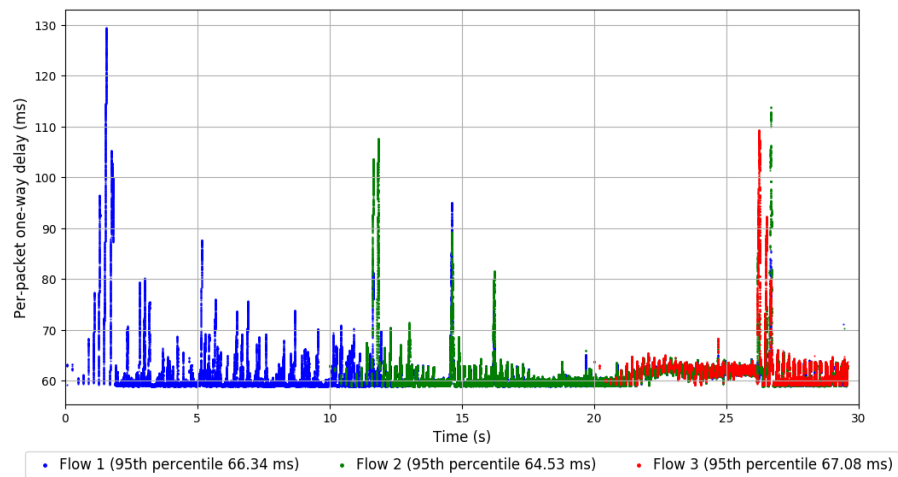
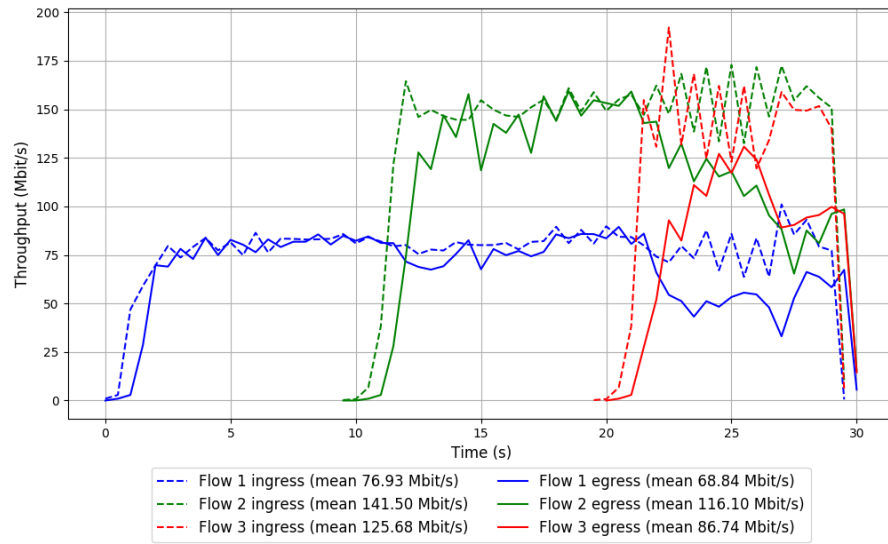


Run 7: Statistics of Indigo

Start at: 2018-08-22 05:52:04
End at: 2018-08-22 05:52:34
Local clock offset: 1.836 ms
Remote clock offset: -37.147 ms

Below is generated by plot.py at 2018-08-22 07:45:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 173.94 Mbit/s
95th percentile per-packet one-way delay: 65.467 ms
Loss rate: 17.74%
-- Flow 1:
Average throughput: 68.84 Mbit/s
95th percentile per-packet one-way delay: 66.339 ms
Loss rate: 10.51%
-- Flow 2:
Average throughput: 116.10 Mbit/s
95th percentile per-packet one-way delay: 64.532 ms
Loss rate: 17.94%
-- Flow 3:
Average throughput: 86.74 Mbit/s
95th percentile per-packet one-way delay: 67.075 ms
Loss rate: 30.96%

Run 7: Report of Indigo — Data Link

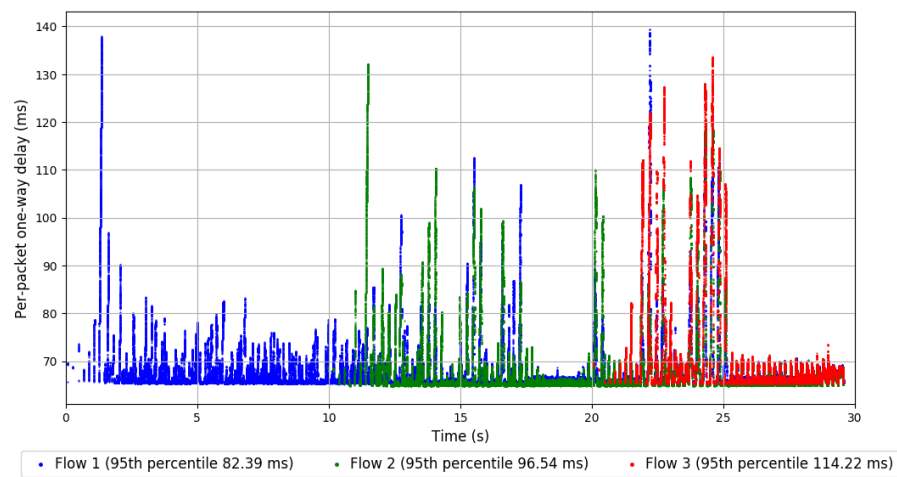
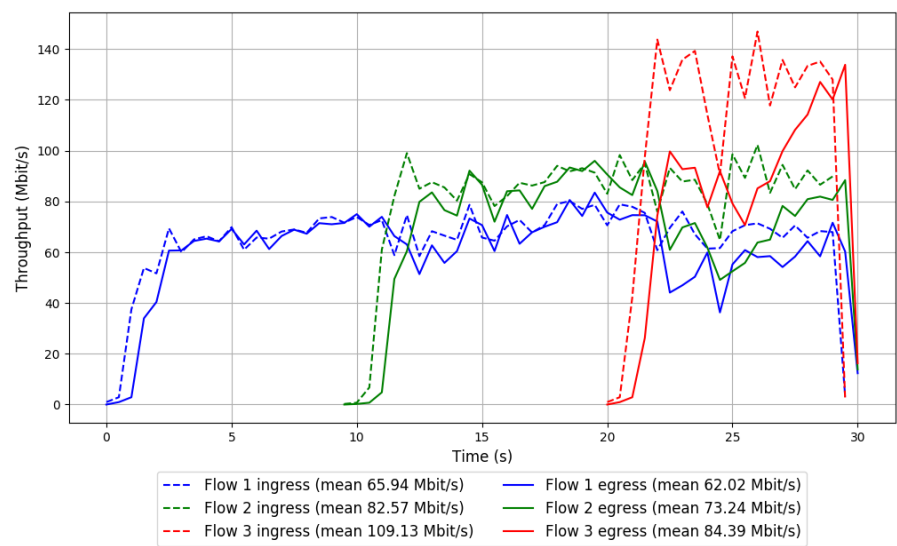


Run 8: Statistics of Indigo

Start at: 2018-08-22 06:22:21
End at: 2018-08-22 06:22:51
Local clock offset: 0.726 ms
Remote clock offset: -32.311 ms

Below is generated by plot.py at 2018-08-22 07:45:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 137.77 Mbit/s
95th percentile per-packet one-way delay: 99.694 ms
Loss rate: 11.61%
-- Flow 1:
Average throughput: 62.02 Mbit/s
95th percentile per-packet one-way delay: 82.387 ms
Loss rate: 5.94%
-- Flow 2:
Average throughput: 73.24 Mbit/s
95th percentile per-packet one-way delay: 96.541 ms
Loss rate: 11.31%
-- Flow 3:
Average throughput: 84.39 Mbit/s
95th percentile per-packet one-way delay: 114.225 ms
Loss rate: 22.70%

Run 8: Report of Indigo — Data Link

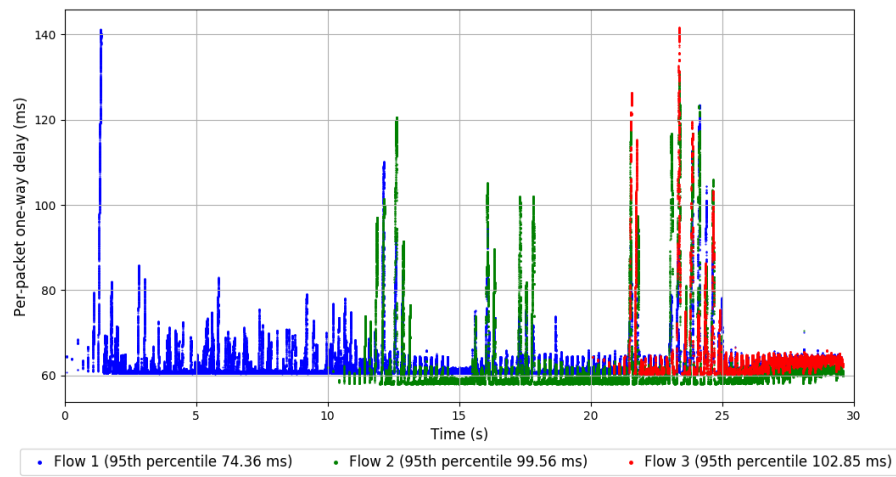
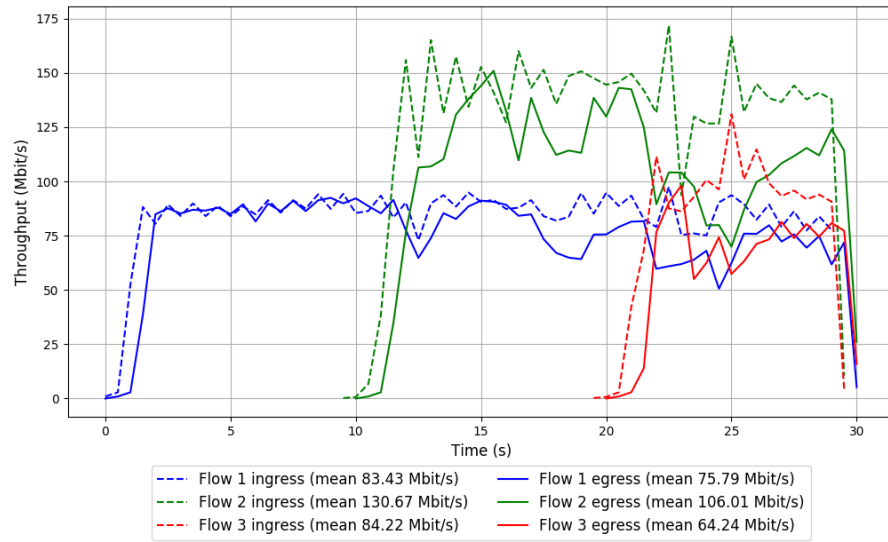


Run 9: Statistics of Indigo

Start at: 2018-08-22 06:46:52
End at: 2018-08-22 06:47:22
Local clock offset: -1.943 ms
Remote clock offset: -41.842 ms

Below is generated by plot.py at 2018-08-22 07:45:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 166.69 Mbit/s
95th percentile per-packet one-way delay: 89.996 ms
Loss rate: 15.44%
-- Flow 1:
Average throughput: 75.79 Mbit/s
95th percentile per-packet one-way delay: 74.359 ms
Loss rate: 9.15%
-- Flow 2:
Average throughput: 106.01 Mbit/s
95th percentile per-packet one-way delay: 99.561 ms
Loss rate: 18.88%
-- Flow 3:
Average throughput: 64.24 Mbit/s
95th percentile per-packet one-way delay: 102.851 ms
Loss rate: 23.74%

Run 9: Report of Indigo — Data Link

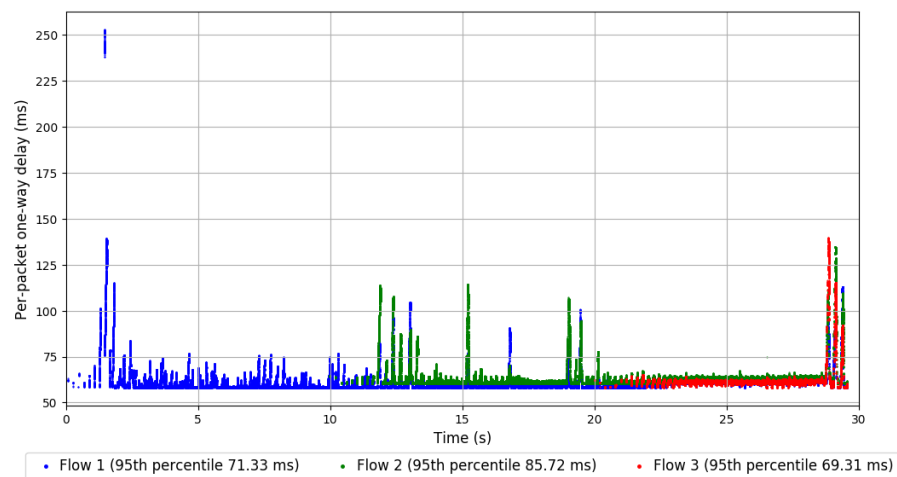
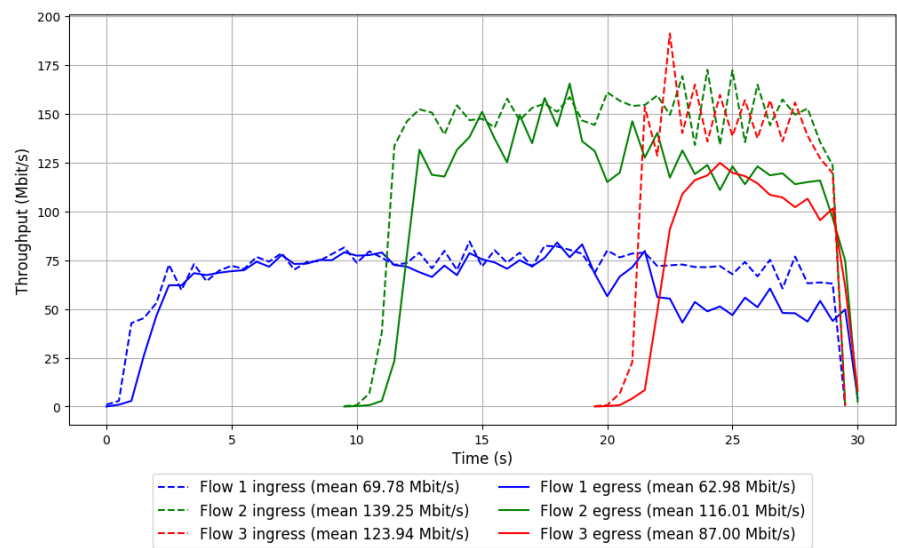


Run 10: Statistics of Indigo

Start at: 2018-08-22 07:11:27
End at: 2018-08-22 07:11:57
Local clock offset: 2.543 ms
Remote clock offset: -37.643 ms

Below is generated by plot.py at 2018-08-22 07:45:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 168.14 Mbit/s
95th percentile per-packet one-way delay: 77.456 ms
Loss rate: 16.91%
-- Flow 1:
Average throughput: 62.98 Mbit/s
95th percentile per-packet one-way delay: 71.330 ms
Loss rate: 9.76%
-- Flow 2:
Average throughput: 116.01 Mbit/s
95th percentile per-packet one-way delay: 85.721 ms
Loss rate: 16.70%
-- Flow 3:
Average throughput: 87.00 Mbit/s
95th percentile per-packet one-way delay: 69.313 ms
Loss rate: 29.82%

Run 10: Report of Indigo — Data Link

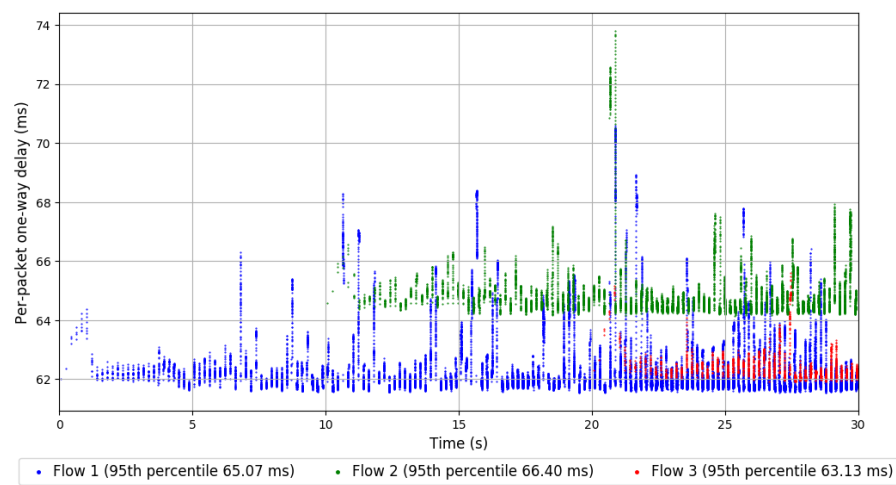
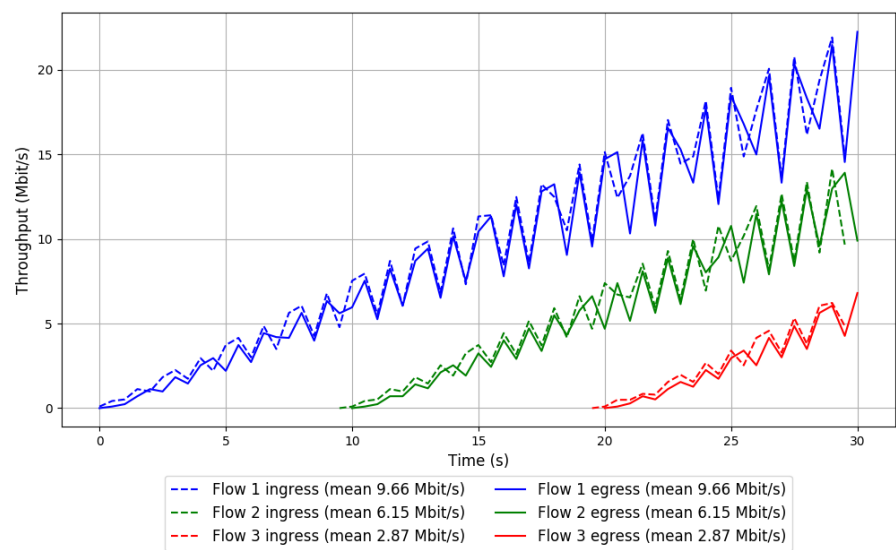


Run 1: Statistics of LEDBAT

Start at: 2018-08-22 02:43:19
End at: 2018-08-22 02:43:49
Local clock offset: 0.688 ms
Remote clock offset: -35.624 ms

Below is generated by plot.py at 2018-08-22 07:45:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 14.68 Mbit/s
95th percentile per-packet one-way delay: 65.655 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.66 Mbit/s
95th percentile per-packet one-way delay: 65.068 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.15 Mbit/s
95th percentile per-packet one-way delay: 66.399 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.87 Mbit/s
95th percentile per-packet one-way delay: 63.134 ms
Loss rate: 0.00%

Run 1: Report of LEDBAT — Data Link

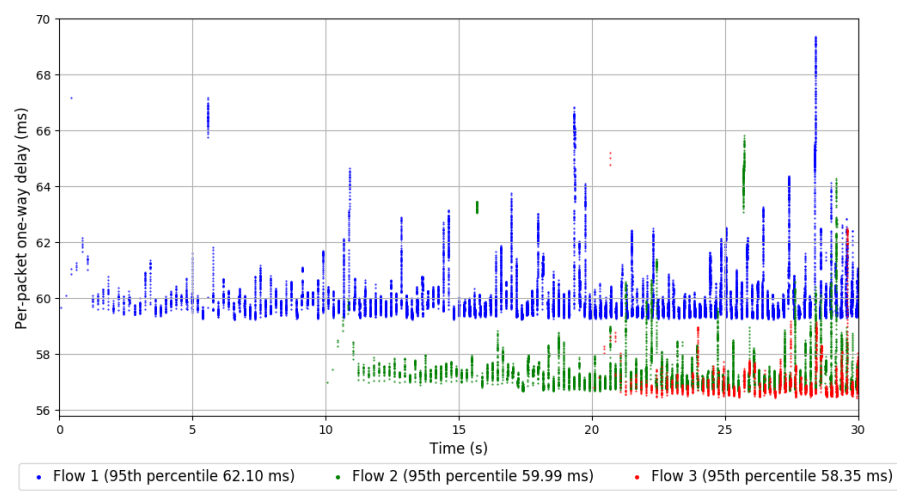
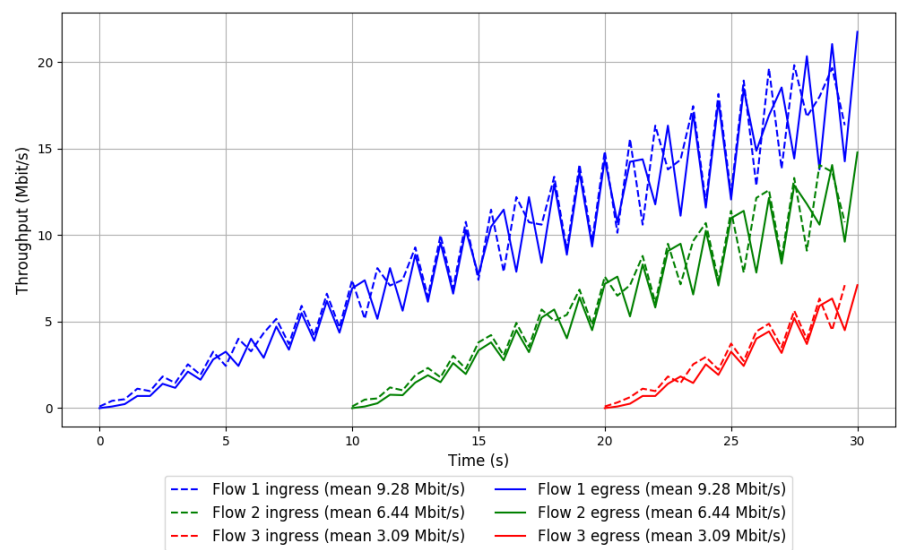


Run 2: Statistics of LEDBAT

Start at: 2018-08-22 03:19:07
End at: 2018-08-22 03:19:37
Local clock offset: 1.024 ms
Remote clock offset: -38.548 ms

Below is generated by plot.py at 2018-08-22 07:45:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 14.58 Mbit/s
95th percentile per-packet one-way delay: 61.744 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.28 Mbit/s
95th percentile per-packet one-way delay: 62.096 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.44 Mbit/s
95th percentile per-packet one-way delay: 59.992 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.09 Mbit/s
95th percentile per-packet one-way delay: 58.346 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

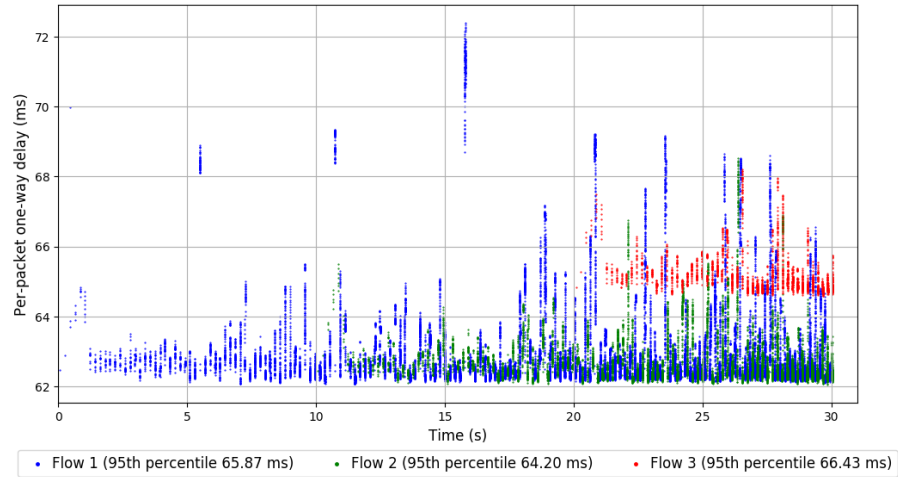
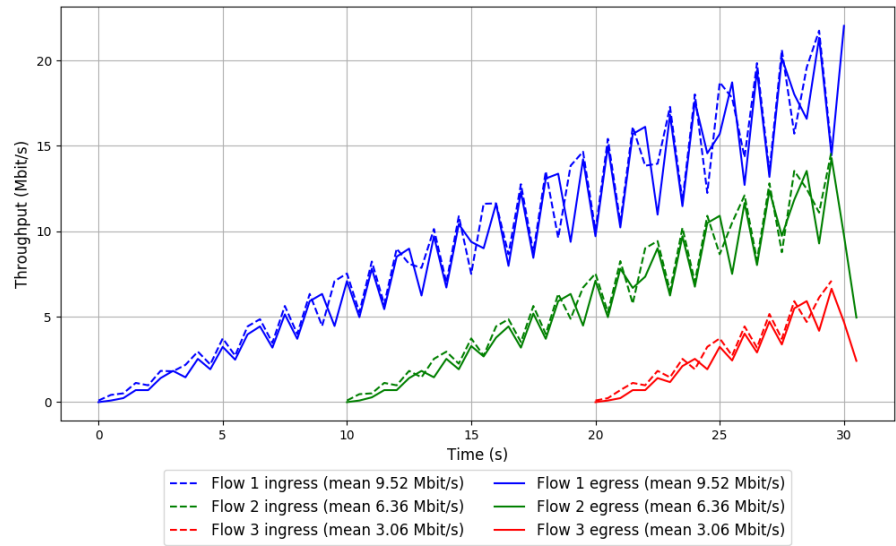


Run 3: Statistics of LEDBAT

Start at: 2018-08-22 03:49:20
End at: 2018-08-22 03:49:50
Local clock offset: 1.636 ms
Remote clock offset: -34.164 ms

Below is generated by plot.py at 2018-08-22 07:45:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 14.73 Mbit/s
95th percentile per-packet one-way delay: 65.636 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.52 Mbit/s
95th percentile per-packet one-way delay: 65.874 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.36 Mbit/s
95th percentile per-packet one-way delay: 64.202 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.06 Mbit/s
95th percentile per-packet one-way delay: 66.428 ms
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

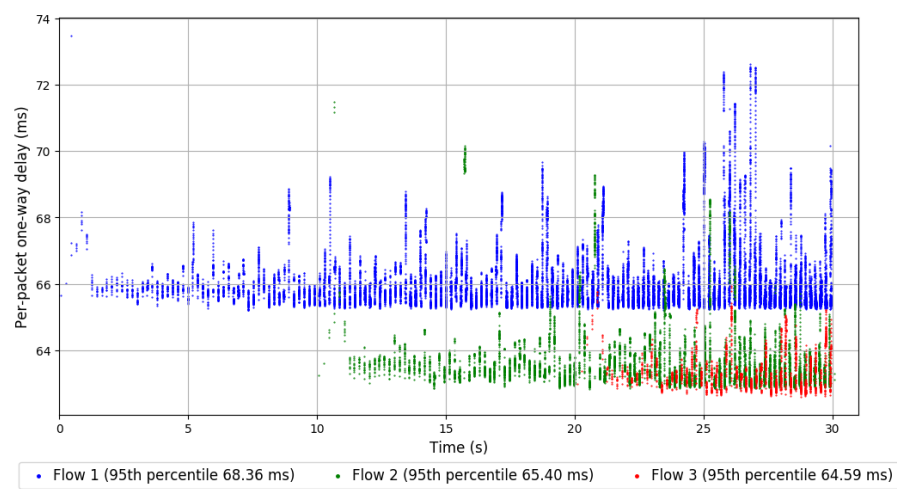
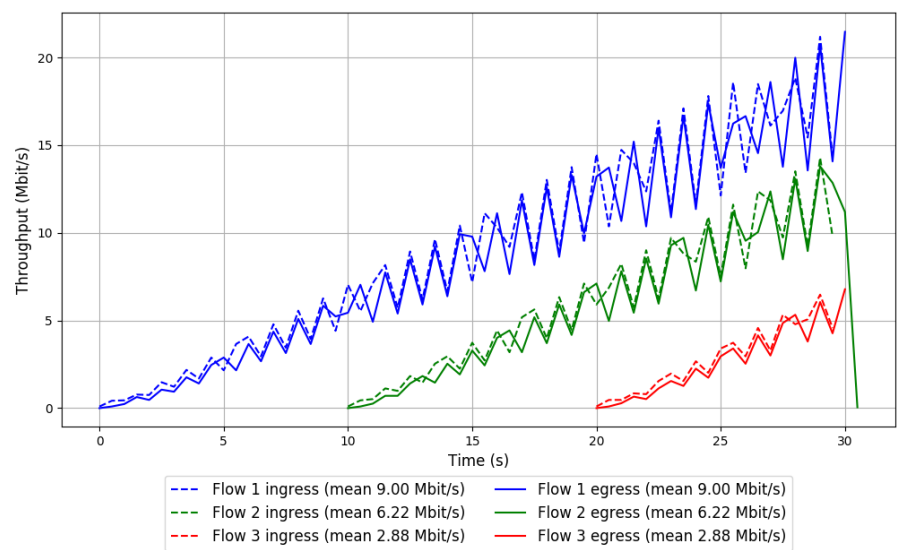


Run 4: Statistics of LEDBAT

Start at: 2018-08-22 04:25:04
End at: 2018-08-22 04:25:34
Local clock offset: -0.789 ms
Remote clock offset: -35.813 ms

Below is generated by plot.py at 2018-08-22 07:45:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 14.06 Mbit/s
95th percentile per-packet one-way delay: 67.776 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.00 Mbit/s
95th percentile per-packet one-way delay: 68.358 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.22 Mbit/s
95th percentile per-packet one-way delay: 65.404 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.88 Mbit/s
95th percentile per-packet one-way delay: 64.587 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

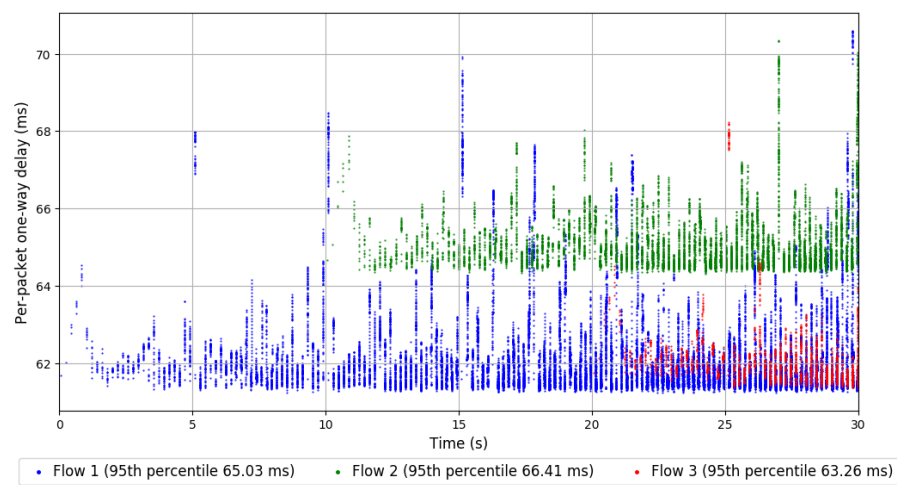
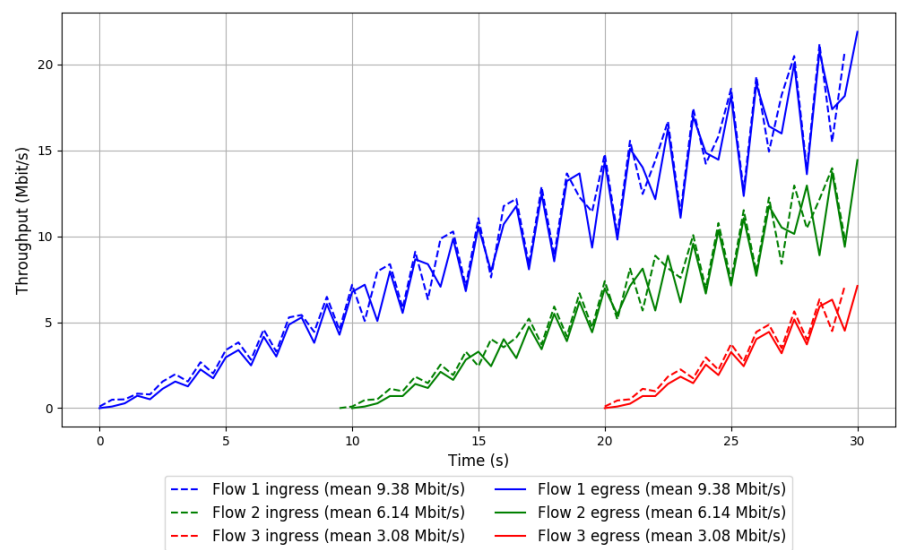


Run 5: Statistics of LEDBAT

Start at: 2018-08-22 04:50:02
End at: 2018-08-22 04:50:32
Local clock offset: 1.744 ms
Remote clock offset: -34.598 ms

Below is generated by plot.py at 2018-08-22 07:45:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 14.48 Mbit/s
95th percentile per-packet one-way delay: 65.972 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.38 Mbit/s
95th percentile per-packet one-way delay: 65.028 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.14 Mbit/s
95th percentile per-packet one-way delay: 66.409 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.08 Mbit/s
95th percentile per-packet one-way delay: 63.256 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

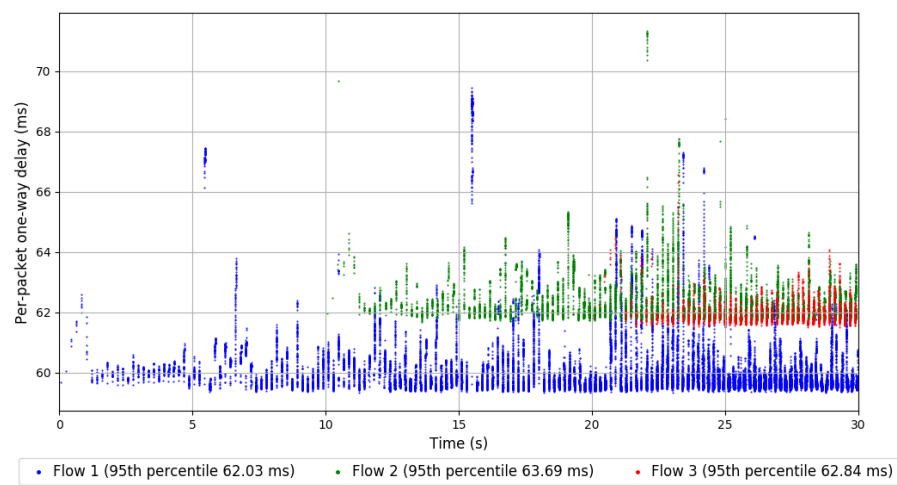
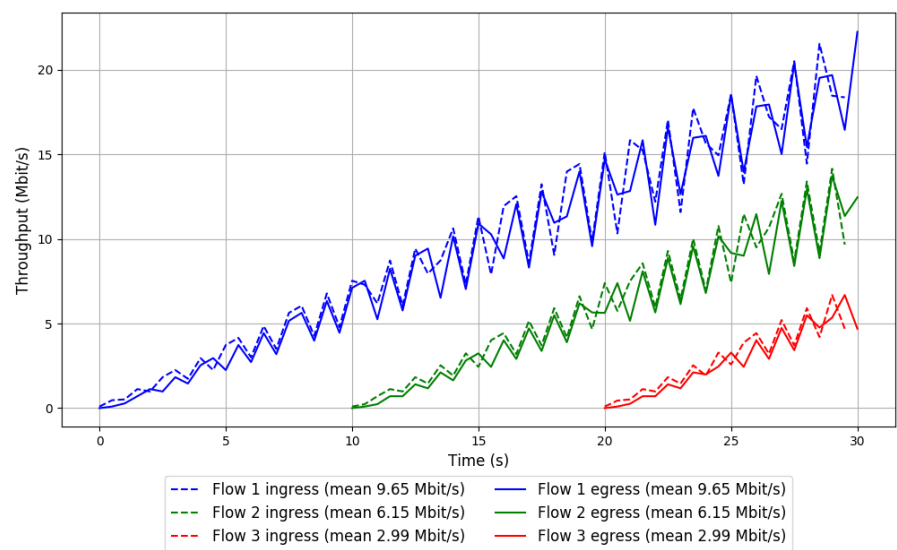


Run 6: Statistics of LEDBAT

Start at: 2018-08-22 05:14:43
End at: 2018-08-22 05:15:13
Local clock offset: 3.92 ms
Remote clock offset: -34.486 ms

Below is generated by plot.py at 2018-08-22 07:45:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 14.71 Mbit/s
95th percentile per-packet one-way delay: 63.152 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.65 Mbit/s
95th percentile per-packet one-way delay: 62.026 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.15 Mbit/s
95th percentile per-packet one-way delay: 63.691 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.99 Mbit/s
95th percentile per-packet one-way delay: 62.842 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

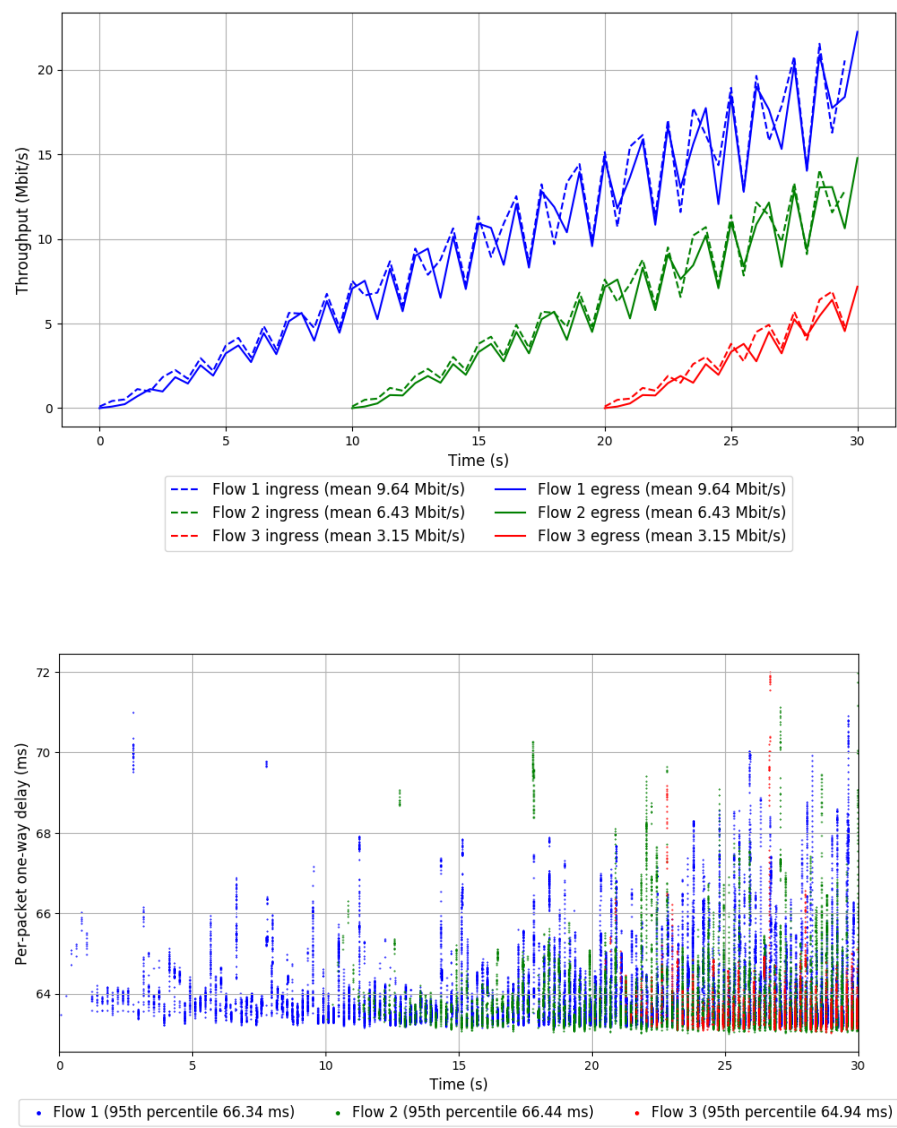


Run 7: Statistics of LEDBAT

Start at: 2018-08-22 05:39:27
End at: 2018-08-22 05:39:57
Local clock offset: 2.266 ms
Remote clock offset: -32.99 ms

Below is generated by plot.py at 2018-08-22 07:45:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 14.95 Mbit/s
95th percentile per-packet one-way delay: 66.329 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.64 Mbit/s
95th percentile per-packet one-way delay: 66.344 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.43 Mbit/s
95th percentile per-packet one-way delay: 66.444 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.15 Mbit/s
95th percentile per-packet one-way delay: 64.941 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

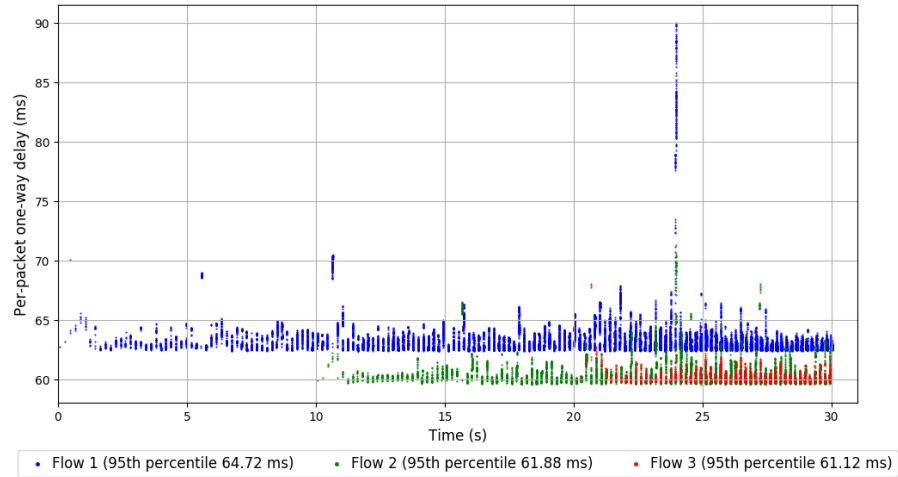
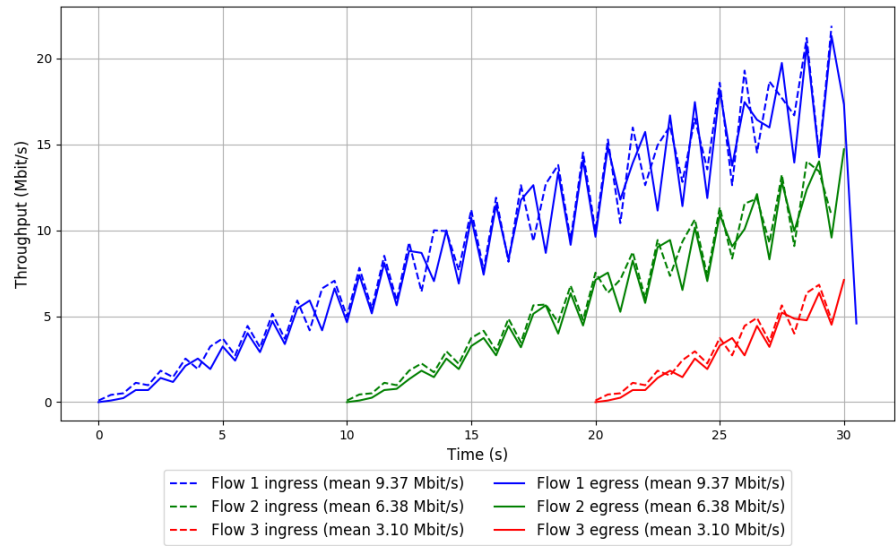


Run 8: Statistics of LEDBAT

Start at: 2018-08-22 06:04:03
End at: 2018-08-22 06:04:33
Local clock offset: 0.514 ms
Remote clock offset: -38.338 ms

Below is generated by plot.py at 2018-08-22 07:45:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 14.62 Mbit/s
95th percentile per-packet one-way delay: 64.373 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.37 Mbit/s
95th percentile per-packet one-way delay: 64.719 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.38 Mbit/s
95th percentile per-packet one-way delay: 61.883 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.10 Mbit/s
95th percentile per-packet one-way delay: 61.116 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

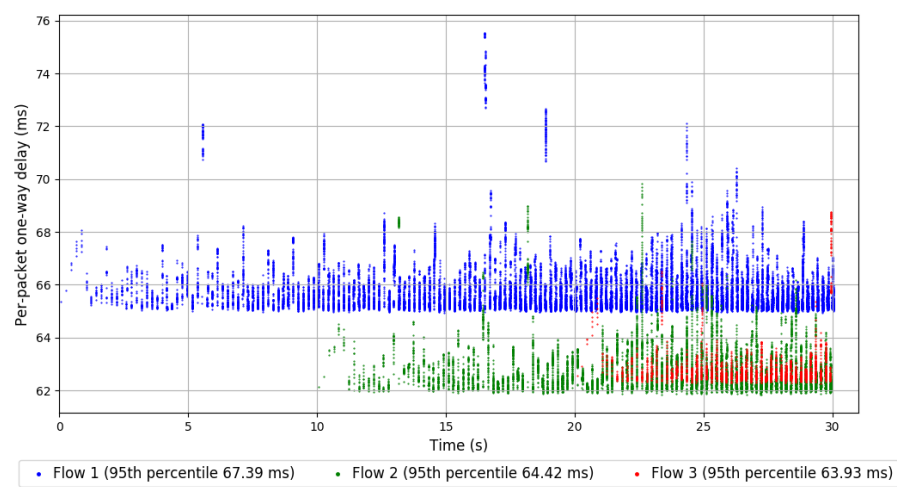
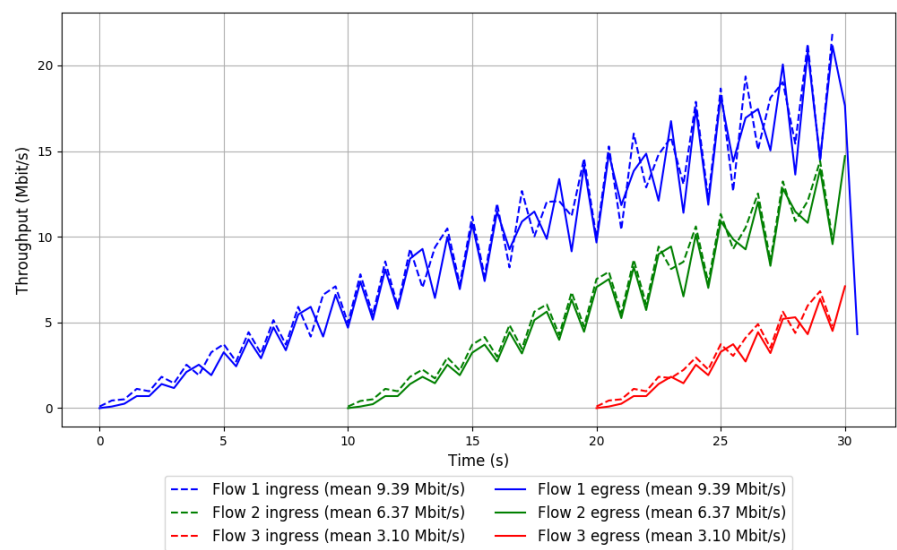


Run 9: Statistics of LEDBAT

Start at: 2018-08-22 06:34:17
End at: 2018-08-22 06:34:47
Local clock offset: 2.209 ms
Remote clock offset: -33.836 ms

Below is generated by plot.py at 2018-08-22 07:45:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 14.64 Mbit/s
95th percentile per-packet one-way delay: 67.020 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.39 Mbit/s
95th percentile per-packet one-way delay: 67.395 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.37 Mbit/s
95th percentile per-packet one-way delay: 64.416 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.10 Mbit/s
95th percentile per-packet one-way delay: 63.933 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link

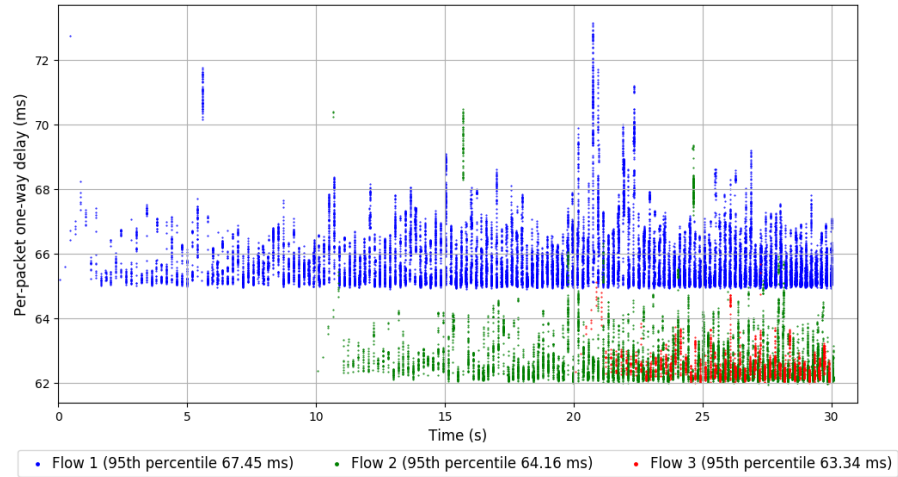
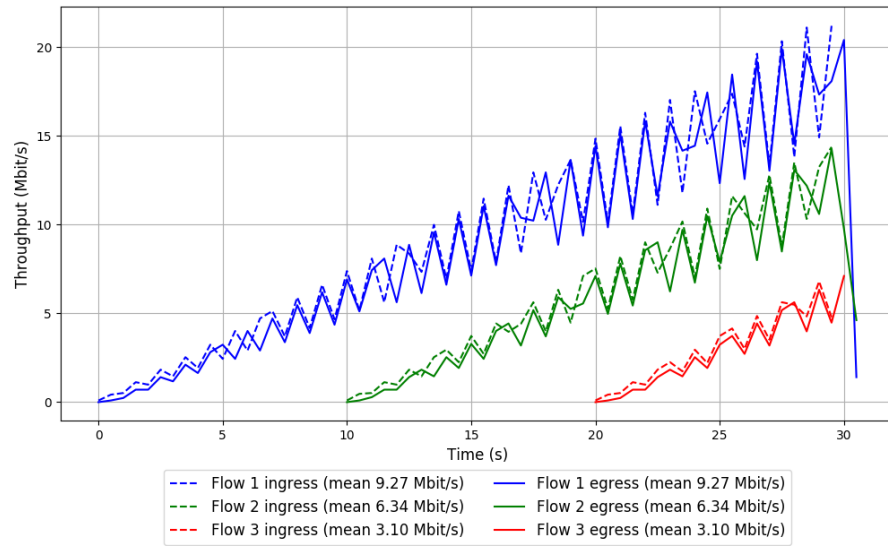


Run 10: Statistics of LEDBAT

Start at: 2018-08-22 06:58:52
End at: 2018-08-22 06:59:22
Local clock offset: -0.201 ms
Remote clock offset: -35.98 ms

Below is generated by plot.py at 2018-08-22 07:45:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 14.50 Mbit/s
95th percentile per-packet one-way delay: 67.116 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 9.27 Mbit/s
95th percentile per-packet one-way delay: 67.451 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.34 Mbit/s
95th percentile per-packet one-way delay: 64.157 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 3.10 Mbit/s
95th percentile per-packet one-way delay: 63.338 ms
Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC-Allegro

Start at: 2018-08-22 02:38:45

End at: 2018-08-22 02:39:15

Local clock offset: 2.776 ms

Remote clock offset: -39.308 ms

Below is generated by plot.py at 2018-08-22 07:50:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 469.92 Mbit/s

95th percentile per-packet one-way delay: 60.109 ms

Loss rate: 4.07%

-- Flow 1:

Average throughput: 439.43 Mbit/s

95th percentile per-packet one-way delay: 60.111 ms

Loss rate: 4.27%

-- Flow 2:

Average throughput: 37.66 Mbit/s

95th percentile per-packet one-way delay: 60.112 ms

Loss rate: 1.21%

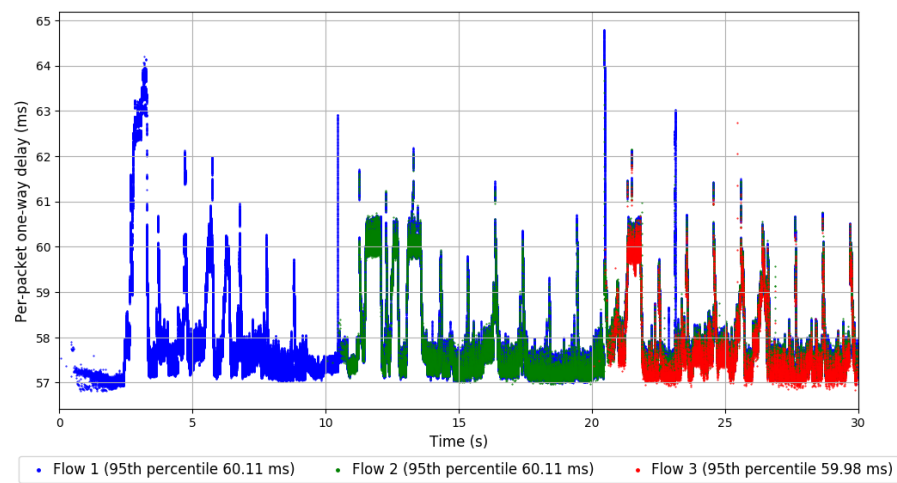
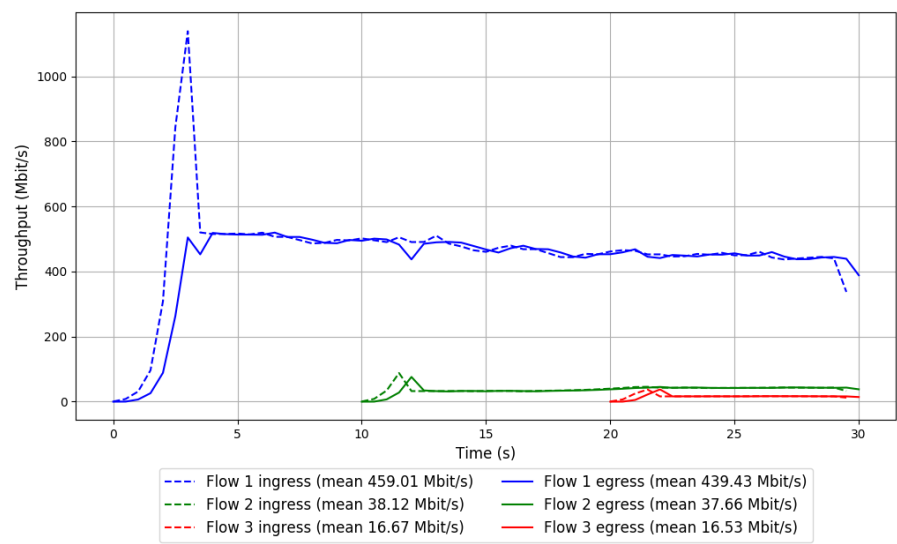
-- Flow 3:

Average throughput: 16.53 Mbit/s

95th percentile per-packet one-way delay: 59.982 ms

Loss rate: 0.86%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2018-08-22 03:09:00

End at: 2018-08-22 03:09:30

Local clock offset: -0.061 ms

Remote clock offset: -38.188 ms

Below is generated by plot.py at 2018-08-22 07:50:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 450.06 Mbit/s

95th percentile per-packet one-way delay: 64.315 ms

Loss rate: 6.51%

-- Flow 1:

Average throughput: 405.03 Mbit/s

95th percentile per-packet one-way delay: 64.367 ms

Loss rate: 6.75%

-- Flow 2:

Average throughput: 59.65 Mbit/s

95th percentile per-packet one-way delay: 61.720 ms

Loss rate: 4.46%

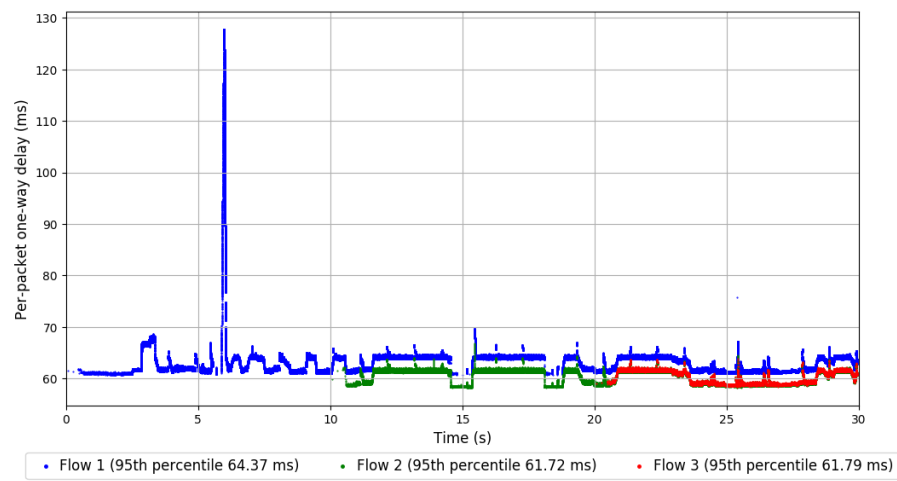
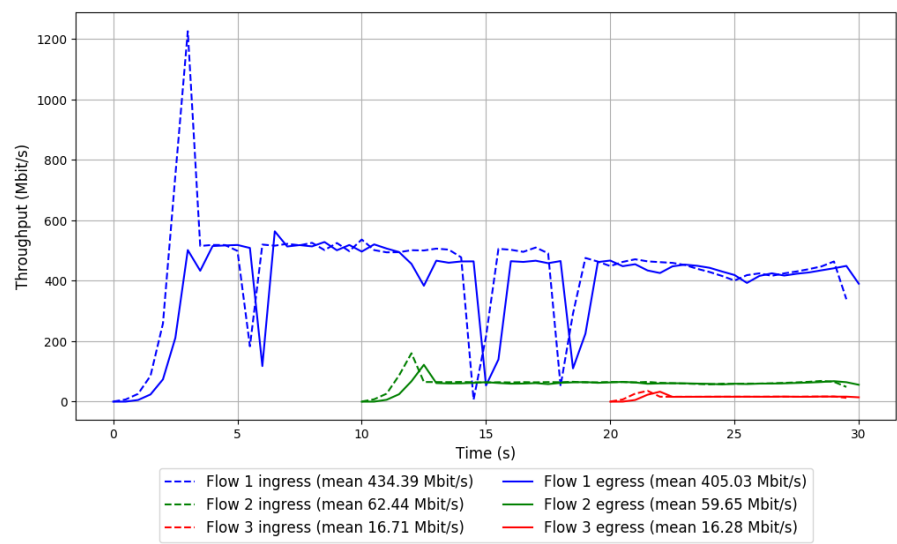
-- Flow 3:

Average throughput: 16.28 Mbit/s

95th percentile per-packet one-way delay: 61.791 ms

Loss rate: 2.54%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2018-08-22 03:39:08

End at: 2018-08-22 03:39:38

Local clock offset: -2.607 ms

Remote clock offset: -37.602 ms

Below is generated by plot.py at 2018-08-22 07:50:43

Datalink statistics

-- Total of 3 flows:

Average throughput: 472.13 Mbit/s

95th percentile per-packet one-way delay: 64.785 ms

Loss rate: 4.19%

-- Flow 1:

Average throughput: 441.26 Mbit/s

95th percentile per-packet one-way delay: 64.700 ms

Loss rate: 4.35%

-- Flow 2:

Average throughput: 31.05 Mbit/s

95th percentile per-packet one-way delay: 64.576 ms

Loss rate: 1.65%

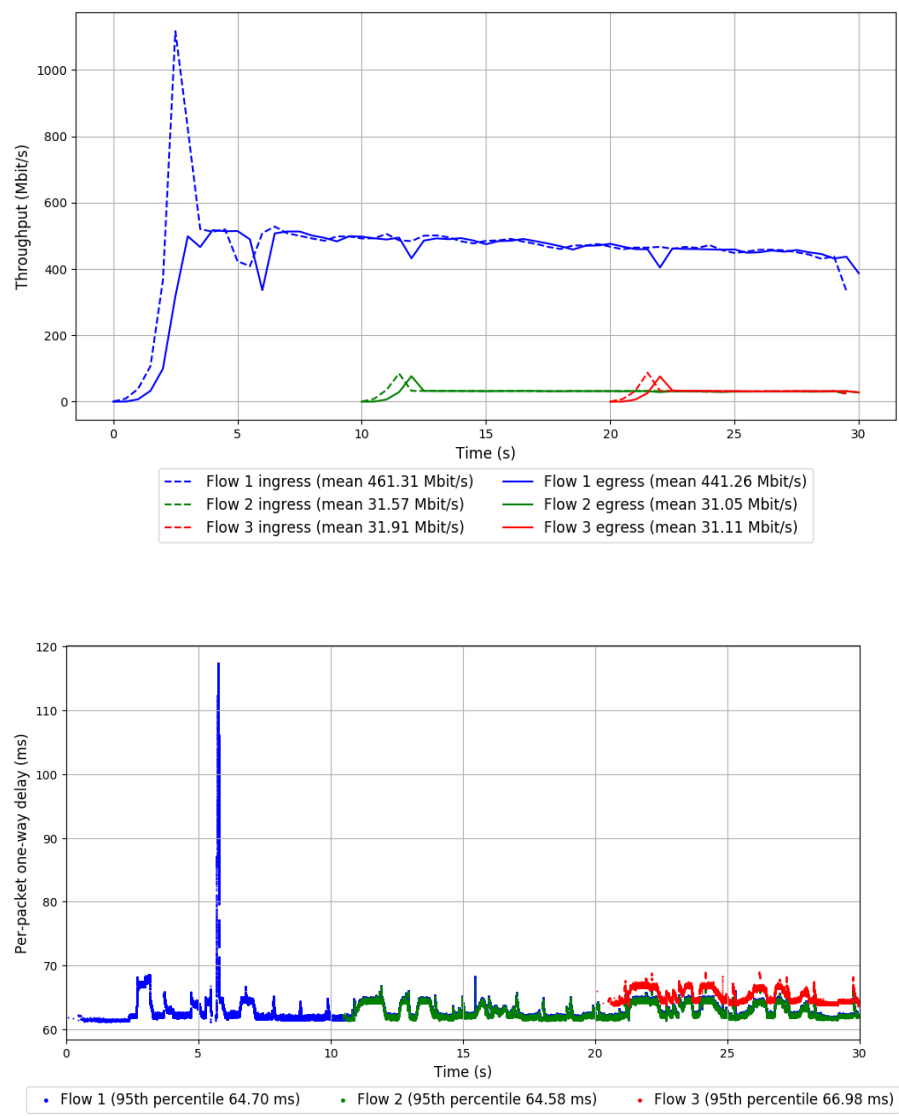
-- Flow 3:

Average throughput: 31.11 Mbit/s

95th percentile per-packet one-way delay: 66.976 ms

Loss rate: 2.52%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2018-08-22 04:20:31

End at: 2018-08-22 04:21:01

Local clock offset: 1.391 ms

Remote clock offset: -36.551 ms

Below is generated by plot.py at 2018-08-22 07:50:46

Datalink statistics

-- Total of 3 flows:

Average throughput: 474.44 Mbit/s

95th percentile per-packet one-way delay: 65.812 ms

Loss rate: 4.53%

-- Flow 1:

Average throughput: 452.85 Mbit/s

95th percentile per-packet one-way delay: 65.827 ms

Loss rate: 4.65%

-- Flow 2:

Average throughput: 16.75 Mbit/s

95th percentile per-packet one-way delay: 63.287 ms

Loss rate: 1.73%

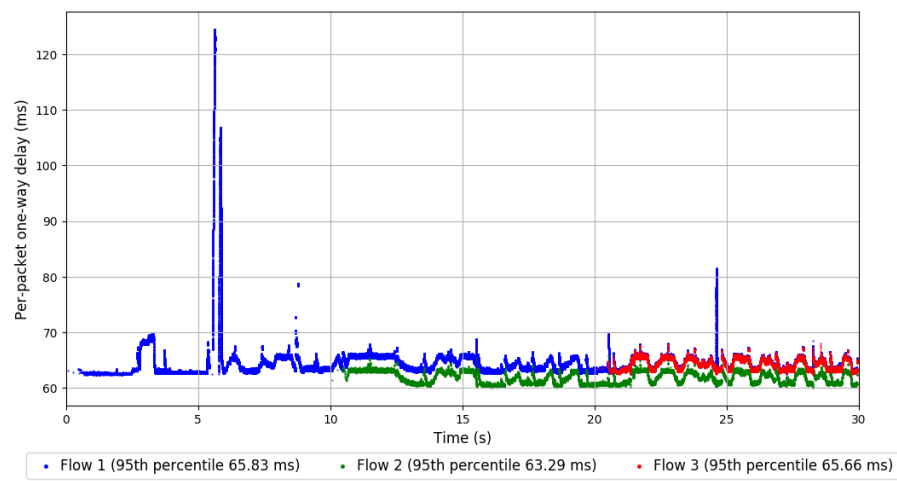
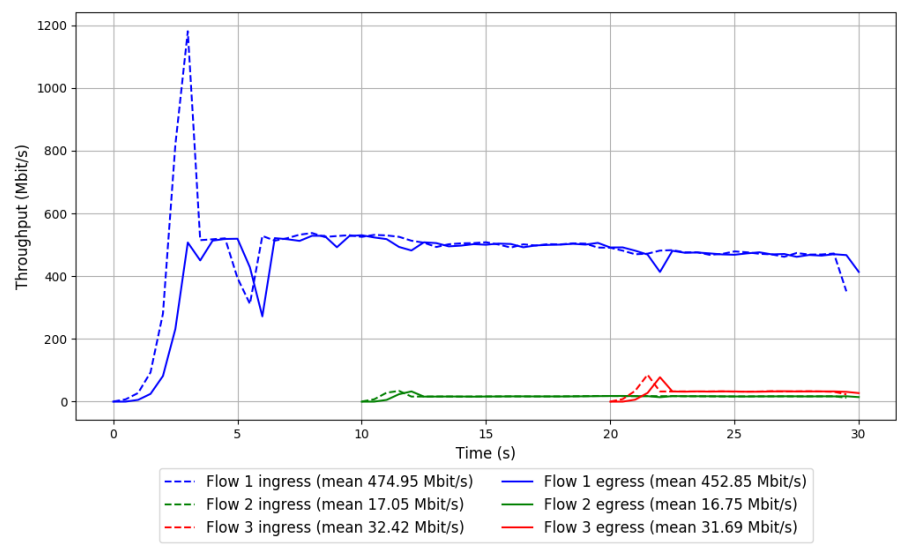
-- Flow 3:

Average throughput: 31.69 Mbit/s

95th percentile per-packet one-way delay: 65.664 ms

Loss rate: 2.25%

Run 4: Report of PCC-Allegro — Data Link

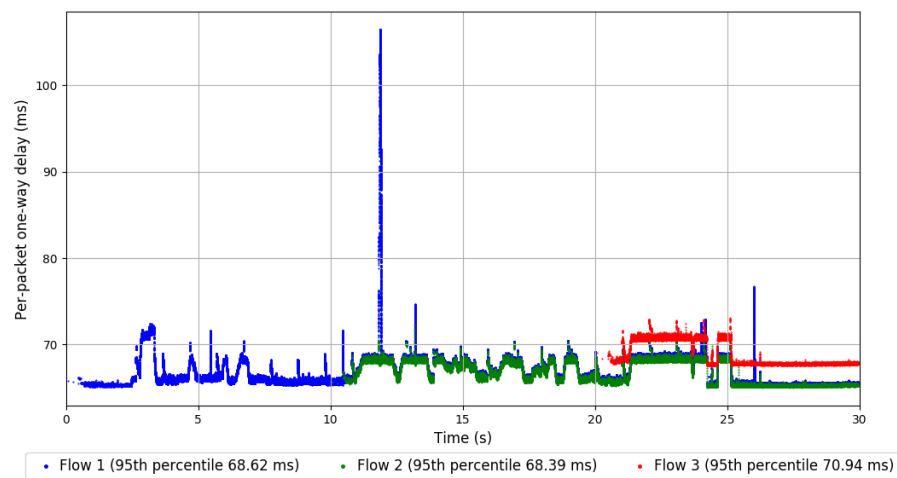
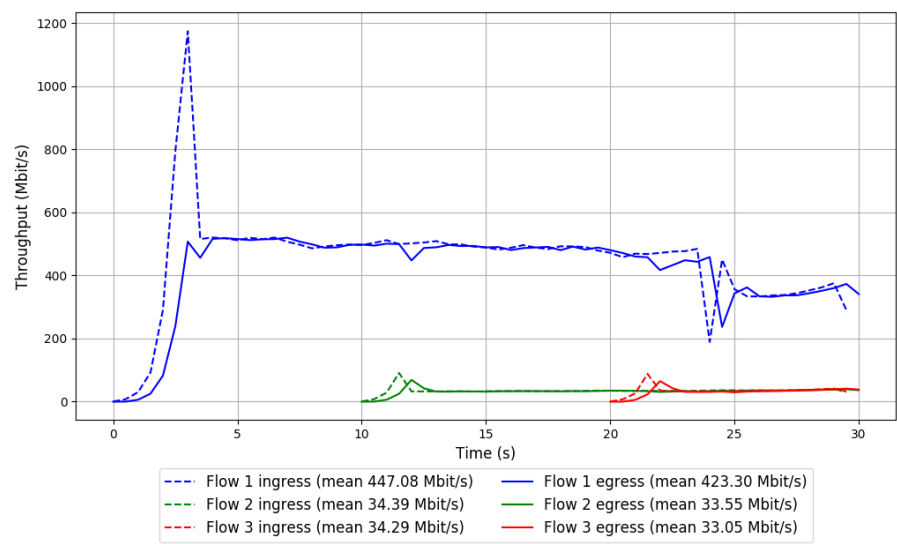


Run 5: Statistics of PCC-Allegro

Start at: 2018-08-22 04:45:29
End at: 2018-08-22 04:45:59
Local clock offset: 0.091 ms
Remote clock offset: -32.355 ms

Below is generated by plot.py at 2018-08-22 07:50:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 456.47 Mbit/s
95th percentile per-packet one-way delay: 68.681 ms
Loss rate: 5.15%
-- Flow 1:
Average throughput: 423.30 Mbit/s
95th percentile per-packet one-way delay: 68.618 ms
Loss rate: 5.32%
-- Flow 2:
Average throughput: 33.55 Mbit/s
95th percentile per-packet one-way delay: 68.387 ms
Loss rate: 2.45%
-- Flow 3:
Average throughput: 33.05 Mbit/s
95th percentile per-packet one-way delay: 70.942 ms
Loss rate: 3.63%

Run 5: Report of PCC-Allegro — Data Link

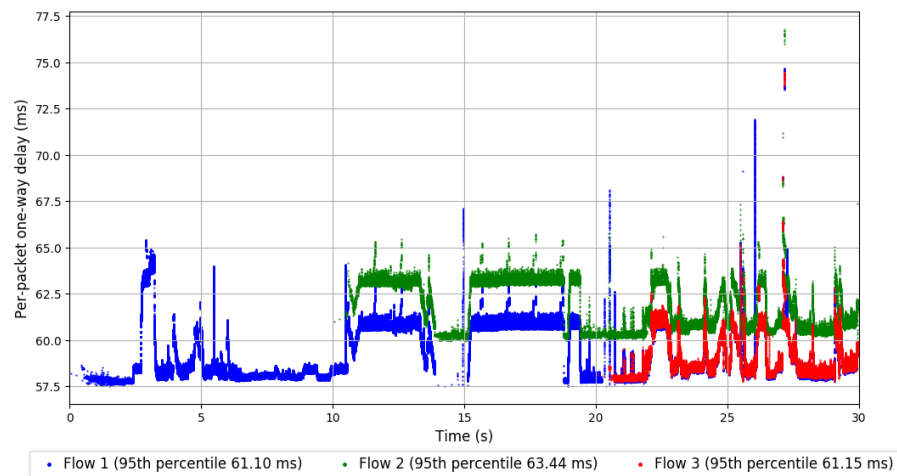
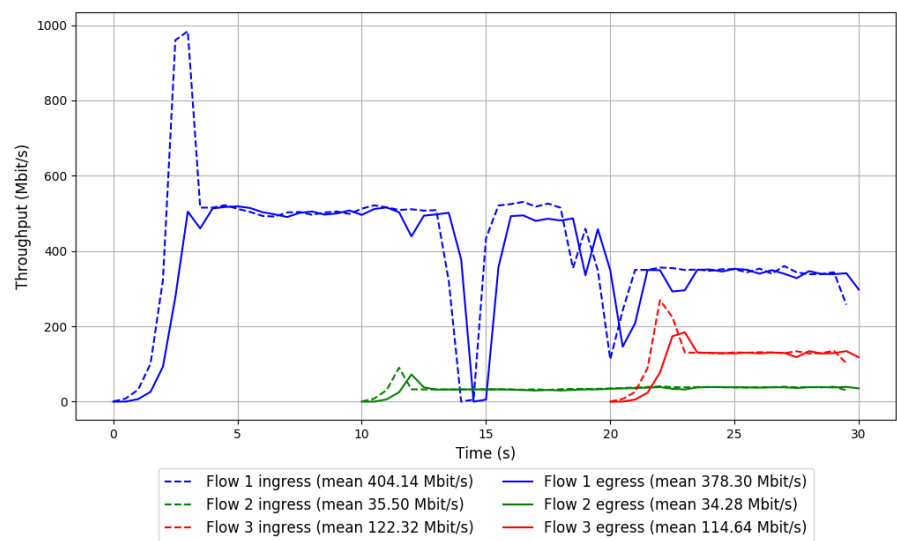


Run 6: Statistics of PCC-Allegro

Start at: 2018-08-22 05:10:10
End at: 2018-08-22 05:10:40
Local clock offset: 2.274 ms
Remote clock offset: -37.618 ms

Below is generated by plot.py at 2018-08-22 07:50:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 438.82 Mbit/s
95th percentile per-packet one-way delay: 61.783 ms
Loss rate: 6.23%
-- Flow 1:
Average throughput: 378.30 Mbit/s
95th percentile per-packet one-way delay: 61.097 ms
Loss rate: 6.39%
-- Flow 2:
Average throughput: 34.28 Mbit/s
95th percentile per-packet one-way delay: 63.443 ms
Loss rate: 3.39%
-- Flow 3:
Average throughput: 114.64 Mbit/s
95th percentile per-packet one-way delay: 61.148 ms
Loss rate: 6.27%

Run 6: Report of PCC-Allegro — Data Link



Run 7: Statistics of PCC-Allegro

Start at: 2018-08-22 05:34:54

End at: 2018-08-22 05:35:24

Local clock offset: 0.786 ms

Remote clock offset: -35.775 ms

Below is generated by plot.py at 2018-08-22 07:50:58

Datalink statistics

-- Total of 3 flows:

Average throughput: 477.56 Mbit/s

95th percentile per-packet one-way delay: 65.231 ms

Loss rate: 4.73%

-- Flow 1:

Average throughput: 444.47 Mbit/s

95th percentile per-packet one-way delay: 65.230 ms

Loss rate: 4.87%

-- Flow 2:

Average throughput: 33.68 Mbit/s

95th percentile per-packet one-way delay: 65.211 ms

Loss rate: 2.40%

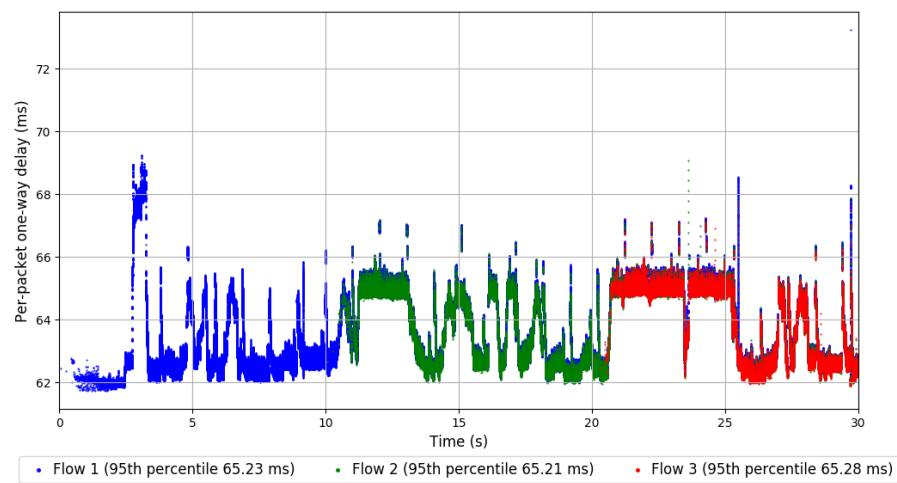
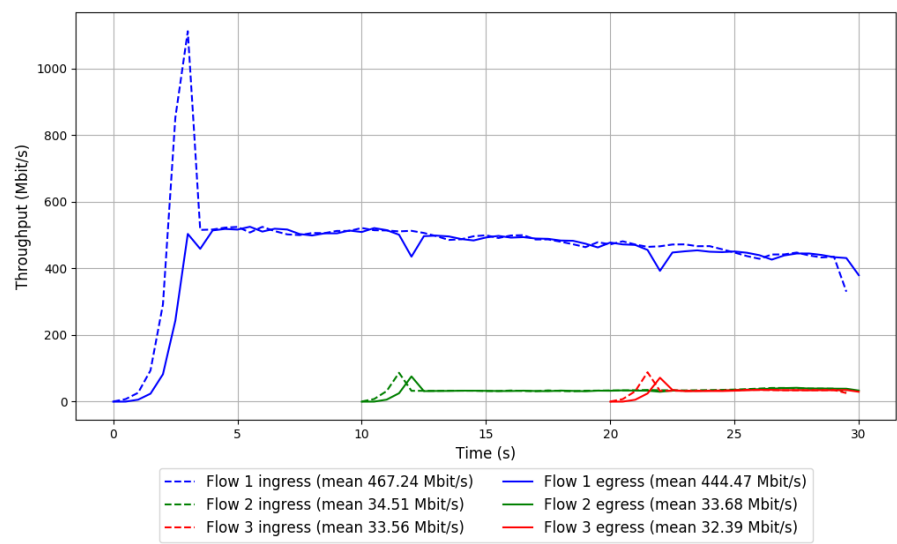
-- Flow 3:

Average throughput: 32.39 Mbit/s

95th percentile per-packet one-way delay: 65.283 ms

Loss rate: 3.49%

Run 7: Report of PCC-Allegro — Data Link

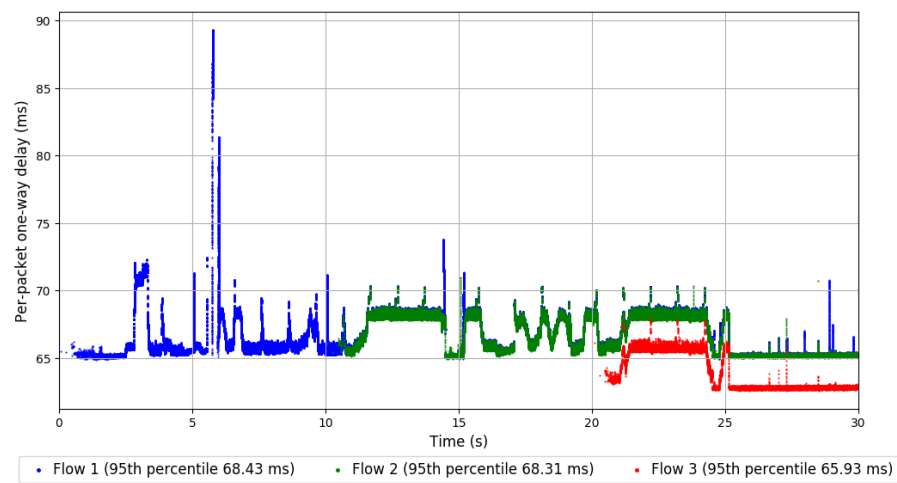
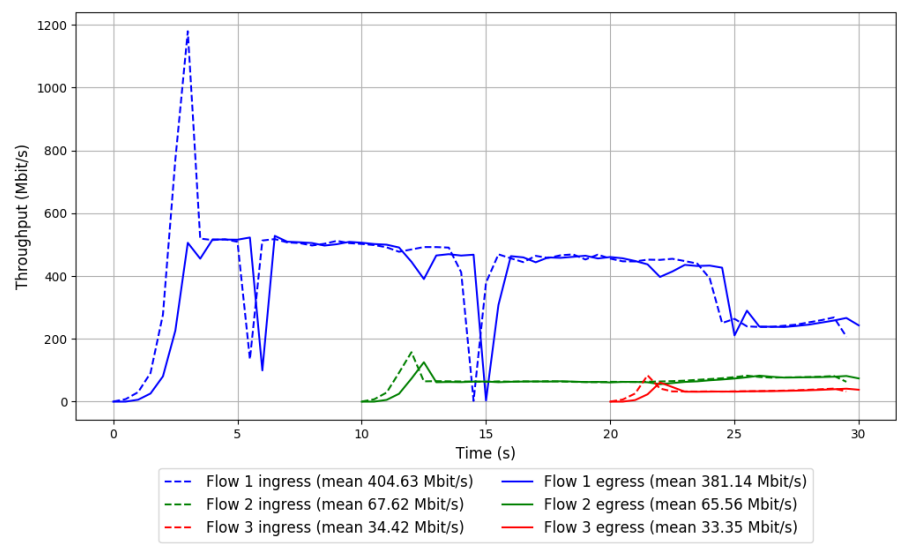


Run 8: Statistics of PCC-Allegro

Start at: 2018-08-22 05:59:32
End at: 2018-08-22 06:00:02
Local clock offset: 0.611 ms
Remote clock offset: -34.785 ms

Below is generated by plot.py at 2018-08-22 07:50:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 435.73 Mbit/s
95th percentile per-packet one-way delay: 68.395 ms
Loss rate: 5.47%
-- Flow 1:
Average throughput: 381.14 Mbit/s
95th percentile per-packet one-way delay: 68.426 ms
Loss rate: 5.81%
-- Flow 2:
Average throughput: 65.56 Mbit/s
95th percentile per-packet one-way delay: 68.309 ms
Loss rate: 3.05%
-- Flow 3:
Average throughput: 33.35 Mbit/s
95th percentile per-packet one-way delay: 65.932 ms
Loss rate: 3.14%

Run 8: Report of PCC-Allegro — Data Link



Run 9: Statistics of PCC-Allegro

Start at: 2018-08-22 06:29:46

End at: 2018-08-22 06:30:16

Local clock offset: 1.694 ms

Remote clock offset: -39.196 ms

Below is generated by plot.py at 2018-08-22 07:55:53

Datalink statistics

-- Total of 3 flows:

Average throughput: 465.02 Mbit/s

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

Loss rate: 4.76%

-- Flow 1:

Average throughput: 434.51 Mbit/s

95th percentile per-packet one-way delay: 60.722 ms

Loss rate: 4.91%

-- Flow 2:

Average throughput: 30.38 Mbit/s

95th percentile per-packet one-way delay: 60.522 ms

Loss rate: 2.29%

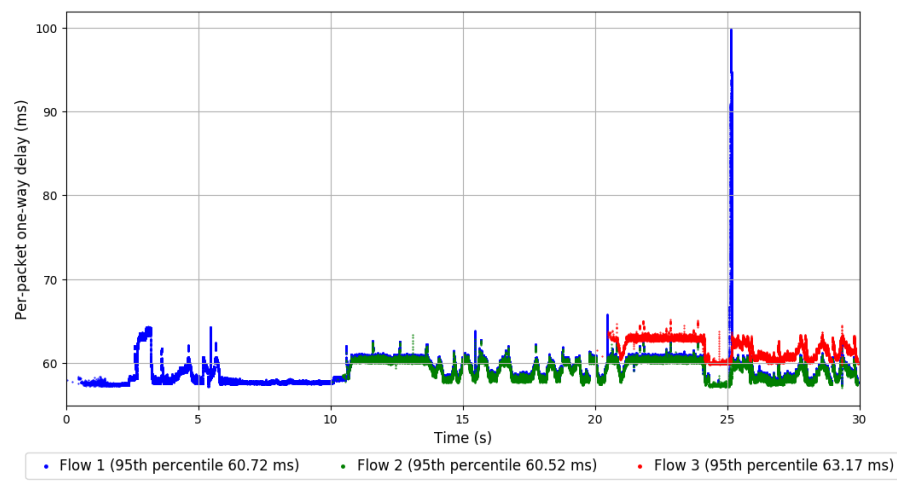
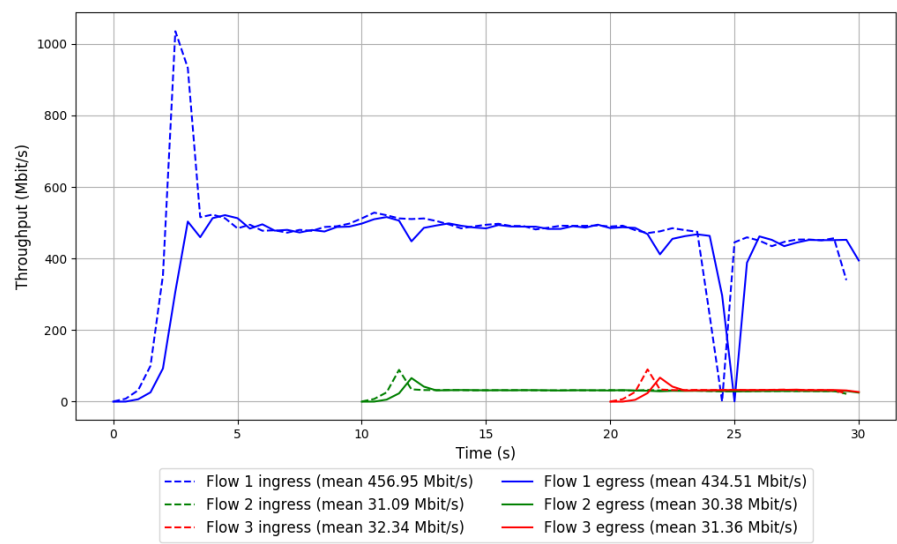
-- Flow 3:

Average throughput: 31.36 Mbit/s

95th percentile per-packet one-way delay: 63.168 ms

Loss rate: 3.04%

Run 9: Report of PCC-Allegro — Data Link

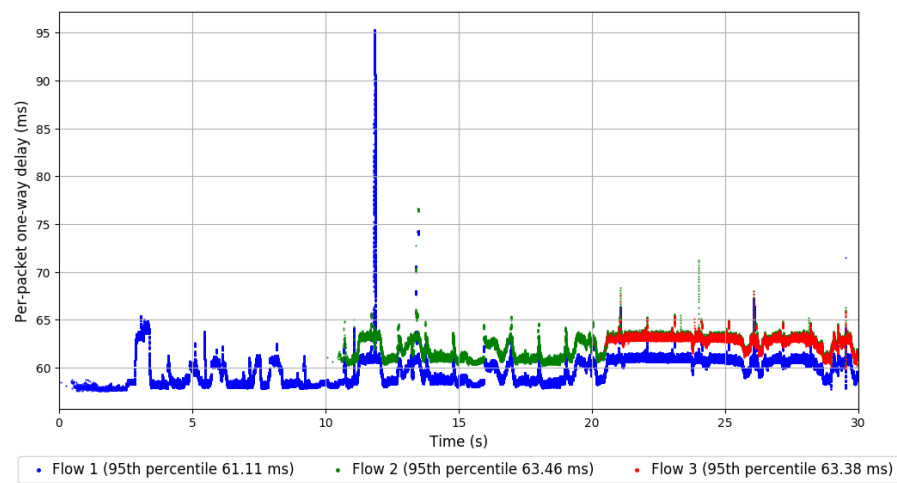
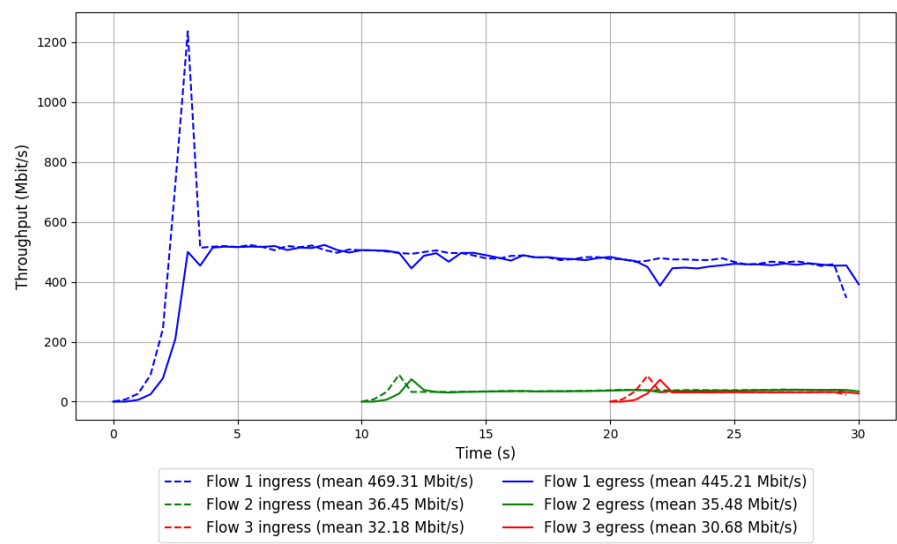


Run 10: Statistics of PCC-Allegro

Start at: 2018-08-22 06:54:19
End at: 2018-08-22 06:54:49
Local clock offset: 1.132 ms
Remote clock offset: -39.043 ms

Below is generated by plot.py at 2018-08-22 07:56:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 478.91 Mbit/s
95th percentile per-packet one-way delay: 62.981 ms
Loss rate: 5.00%
-- Flow 1:
Average throughput: 445.21 Mbit/s
95th percentile per-packet one-way delay: 61.106 ms
Loss rate: 5.13%
-- Flow 2:
Average throughput: 35.48 Mbit/s
95th percentile per-packet one-way delay: 63.459 ms
Loss rate: 2.66%
-- Flow 3:
Average throughput: 30.68 Mbit/s
95th percentile per-packet one-way delay: 63.385 ms
Loss rate: 4.66%

Run 10: Report of PCC-Allegro — Data Link

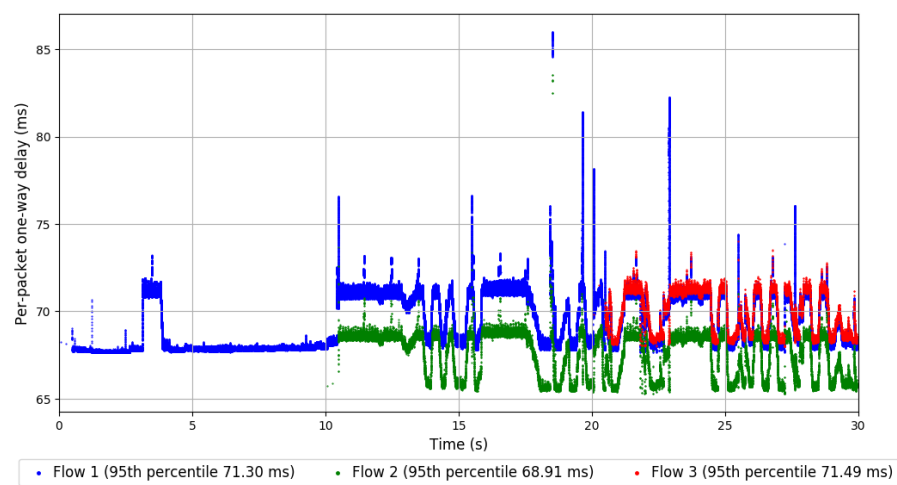
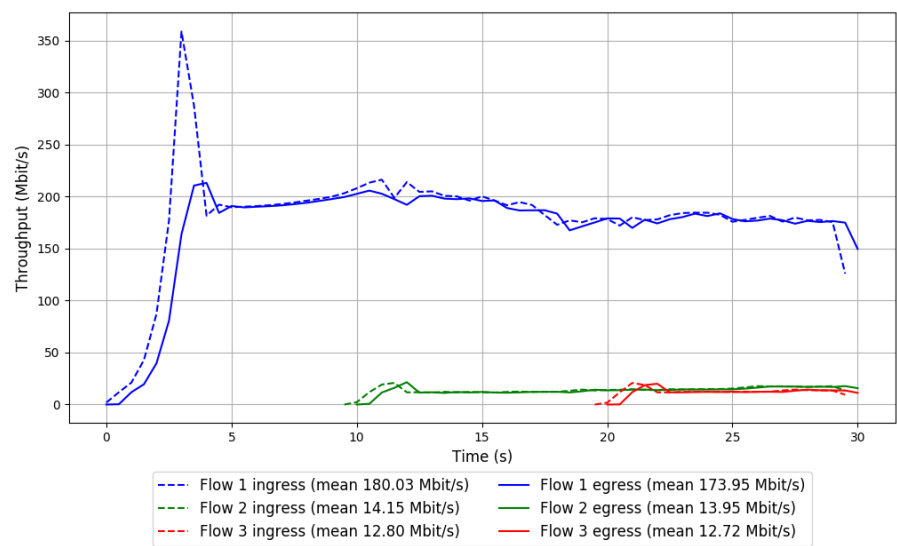


```
Run 1: Statistics of PCC-Expr

Start at: 2018-08-22 02:28:26
End at: 2018-08-22 02:28:56
Local clock offset: 1.664 ms
Remote clock offset: -32.637 ms

# Below is generated by plot.py at 2018-08-22 07:56:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 187.44 Mbit/s
95th percentile per-packet one-way delay: 71.304 ms
Loss rate: 3.22%
-- Flow 1:
Average throughput: 173.95 Mbit/s
95th percentile per-packet one-way delay: 71.302 ms
Loss rate: 3.38%
-- Flow 2:
Average throughput: 13.95 Mbit/s
95th percentile per-packet one-way delay: 68.912 ms
Loss rate: 1.39%
-- Flow 3:
Average throughput: 12.72 Mbit/s
95th percentile per-packet one-way delay: 71.493 ms
Loss rate: 0.64%
```


Run 1: Report of PCC-Expr — Data Link

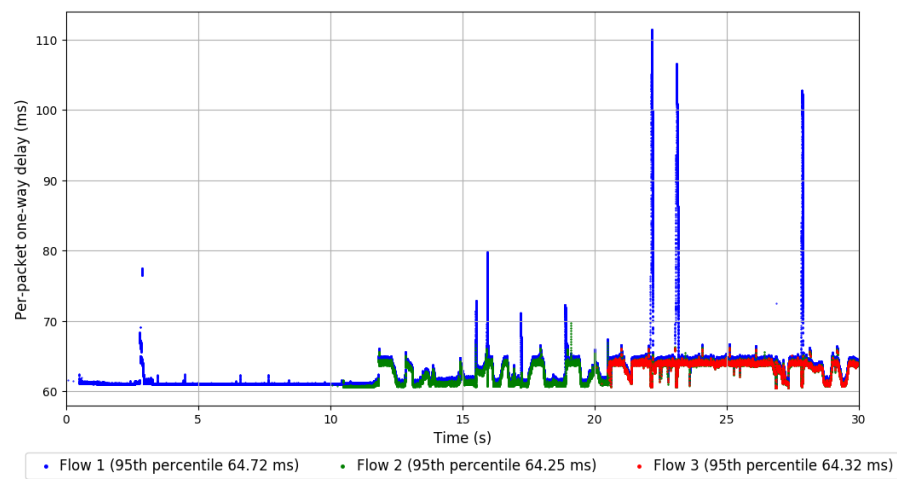
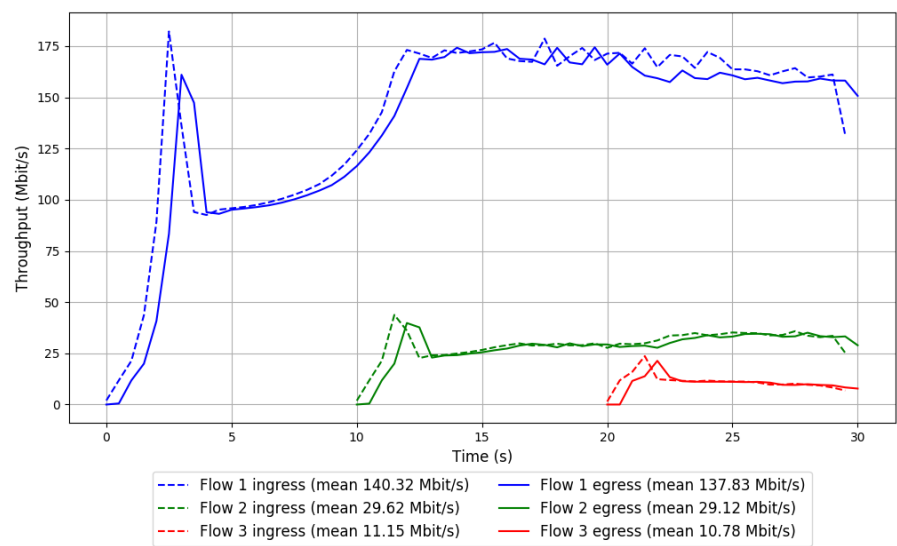


```
Run 2: Statistics of PCC-Expr

Start at: 2018-08-22 02:58:40
End at: 2018-08-22 02:59:10
Local clock offset: -0.051 ms
Remote clock offset: -36.097 ms

# Below is generated by plot.py at 2018-08-22 07:56:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 160.77 Mbit/s
95th percentile per-packet one-way delay: 64.688 ms
Loss rate: 1.79%
-- Flow 1:
Average throughput: 137.83 Mbit/s
95th percentile per-packet one-way delay: 64.719 ms
Loss rate: 1.76%
-- Flow 2:
Average throughput: 29.12 Mbit/s
95th percentile per-packet one-way delay: 64.250 ms
Loss rate: 1.66%
-- Flow 3:
Average throughput: 10.78 Mbit/s
95th percentile per-packet one-way delay: 64.316 ms
Loss rate: 3.27%
```

Run 2: Report of PCC-Expr — Data Link

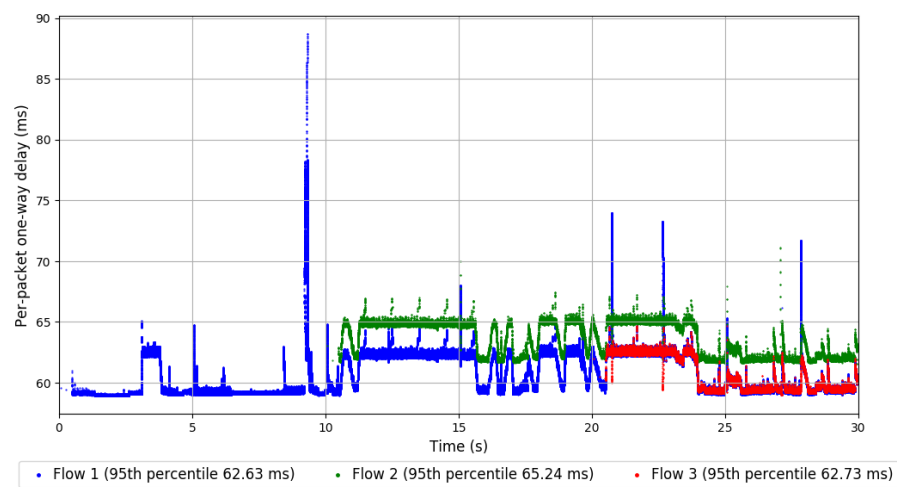
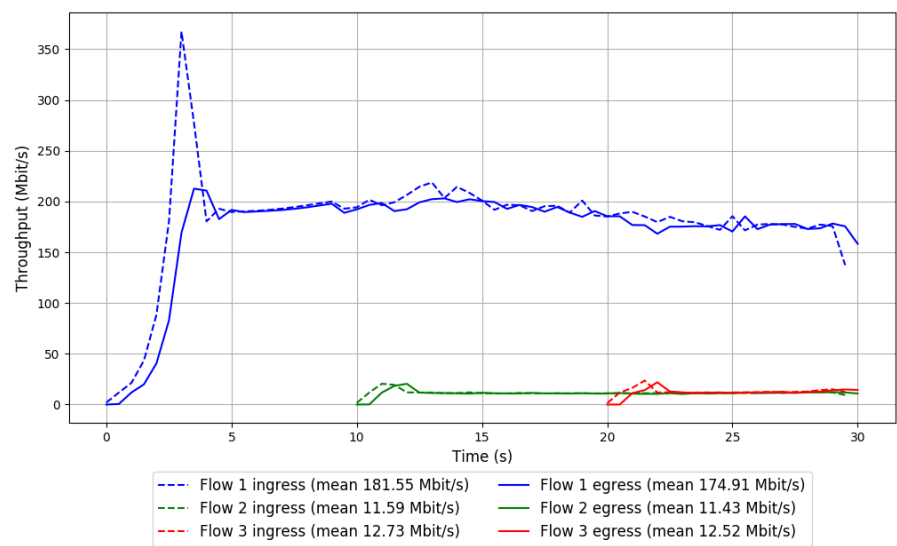


Run 3: Statistics of PCC-Expr

Start at: 2018-08-22 03:34:32
End at: 2018-08-22 03:35:02
Local clock offset: -1.295 ms
Remote clock offset: -38.037 ms

Below is generated by plot.py at 2018-08-22 07:56:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 186.64 Mbit/s
95th percentile per-packet one-way delay: 62.756 ms
Loss rate: 3.53%
-- Flow 1:
Average throughput: 174.91 Mbit/s
95th percentile per-packet one-way delay: 62.628 ms
Loss rate: 3.67%
-- Flow 2:
Average throughput: 11.43 Mbit/s
95th percentile per-packet one-way delay: 65.239 ms
Loss rate: 1.43%
-- Flow 3:
Average throughput: 12.52 Mbit/s
95th percentile per-packet one-way delay: 62.733 ms
Loss rate: 1.67%

Run 3: Report of PCC-Expr — Data Link

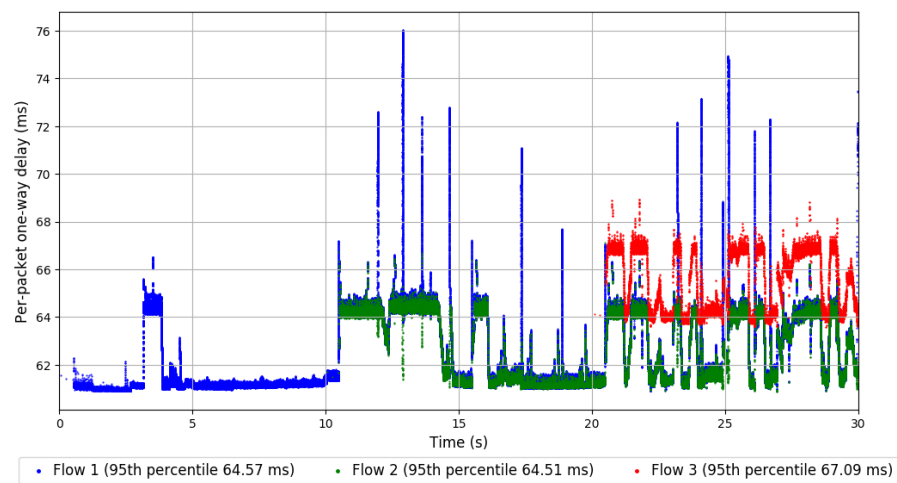
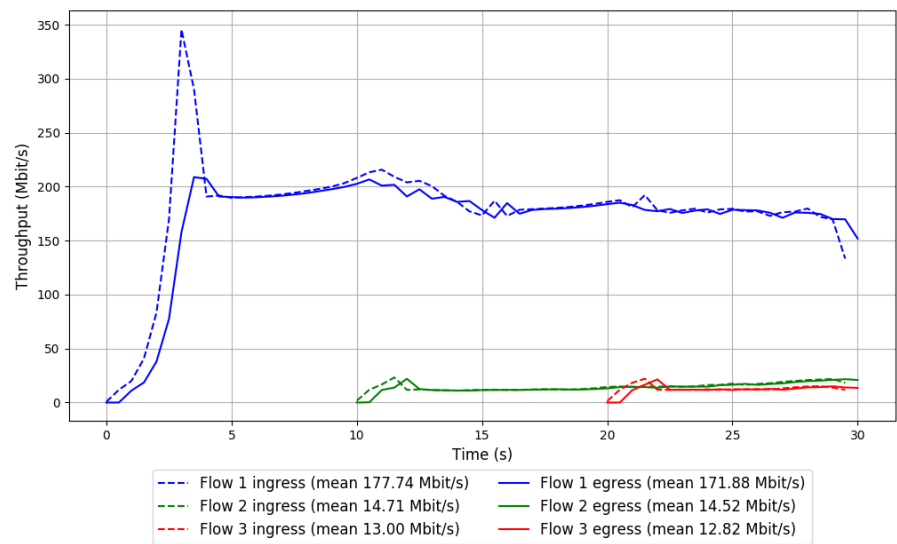


Run 4: Statistics of PCC-Expr

Start at: 2018-08-22 04:15:46
End at: 2018-08-22 04:16:16
Local clock offset: 3.486 ms
Remote clock offset: -33.733 ms

Below is generated by plot.py at 2018-08-22 07:56:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 185.77 Mbit/s
95th percentile per-packet one-way delay: 64.629 ms
Loss rate: 3.14%
-- Flow 1:
Average throughput: 171.88 Mbit/s
95th percentile per-packet one-way delay: 64.570 ms
Loss rate: 3.29%
-- Flow 2:
Average throughput: 14.52 Mbit/s
95th percentile per-packet one-way delay: 64.513 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 12.82 Mbit/s
95th percentile per-packet one-way delay: 67.094 ms
Loss rate: 1.39%

Run 4: Report of PCC-Expr — Data Link

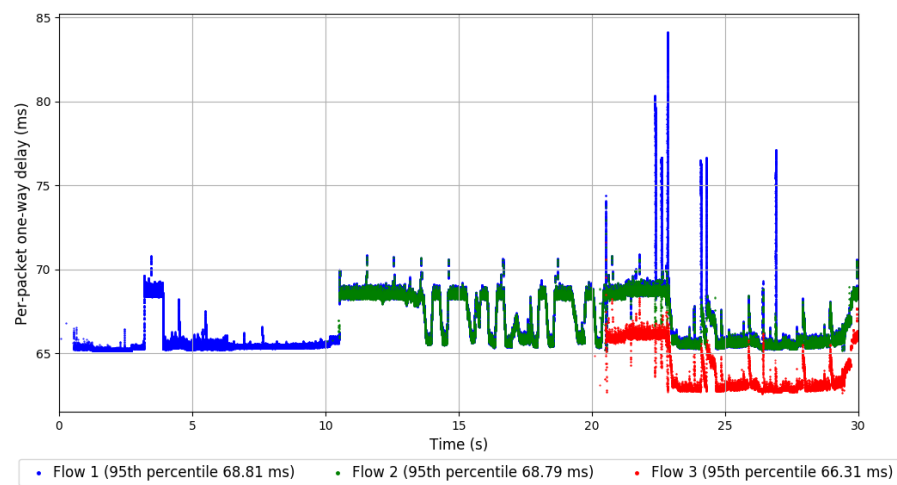
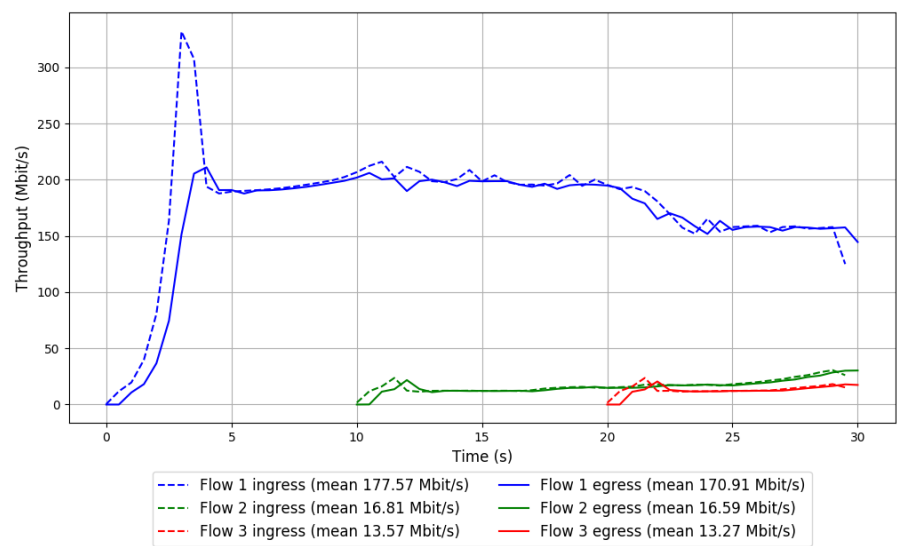


Run 5: Statistics of PCC-Expr

Start at: 2018-08-22 04:40:52
End at: 2018-08-22 04:41:22
Local clock offset: -0.959 ms
Remote clock offset: -35.732 ms

Below is generated by plot.py at 2018-08-22 07:56:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 186.32 Mbit/s
95th percentile per-packet one-way delay: 68.809 ms
Loss rate: 3.57%
-- Flow 1:
Average throughput: 170.91 Mbit/s
95th percentile per-packet one-way delay: 68.815 ms
Loss rate: 3.74%
-- Flow 2:
Average throughput: 16.59 Mbit/s
95th percentile per-packet one-way delay: 68.790 ms
Loss rate: 1.33%
-- Flow 3:
Average throughput: 13.27 Mbit/s
95th percentile per-packet one-way delay: 66.313 ms
Loss rate: 2.17%

Run 5: Report of PCC-Expr — Data Link

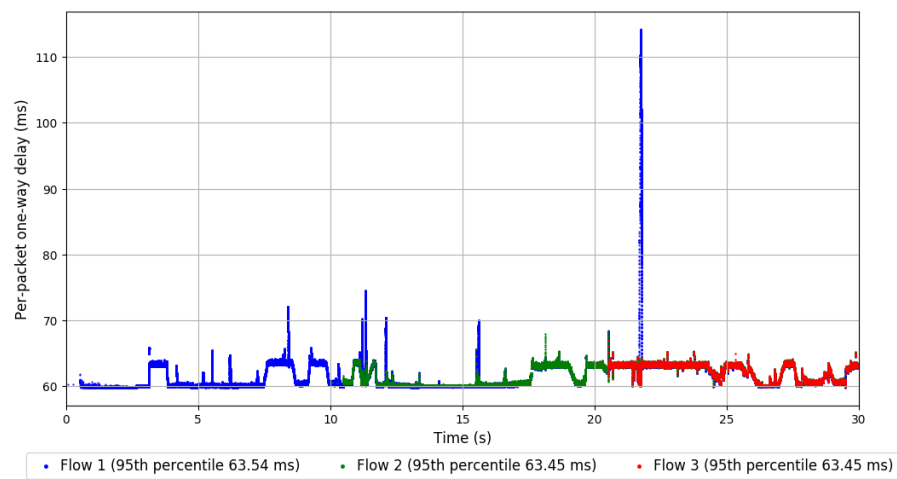
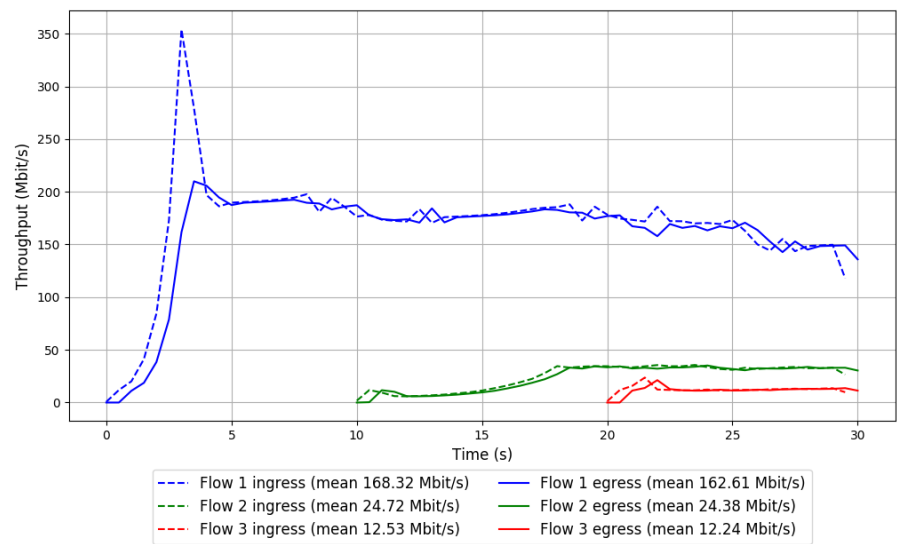


Run 6: Statistics of PCC-Expr

Start at: 2018-08-22 05:05:23
End at: 2018-08-22 05:05:53
Local clock offset: 3.348 ms
Remote clock offset: -34.198 ms

Below is generated by plot.py at 2018-08-22 07:56:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 182.86 Mbit/s
95th percentile per-packet one-way delay: 63.527 ms
Loss rate: 3.18%
-- Flow 1:
Average throughput: 162.61 Mbit/s
95th percentile per-packet one-way delay: 63.537 ms
Loss rate: 3.38%
-- Flow 2:
Average throughput: 24.38 Mbit/s
95th percentile per-packet one-way delay: 63.446 ms
Loss rate: 1.36%
-- Flow 3:
Average throughput: 12.24 Mbit/s
95th percentile per-packet one-way delay: 63.449 ms
Loss rate: 2.34%

Run 6: Report of PCC-Expr — Data Link

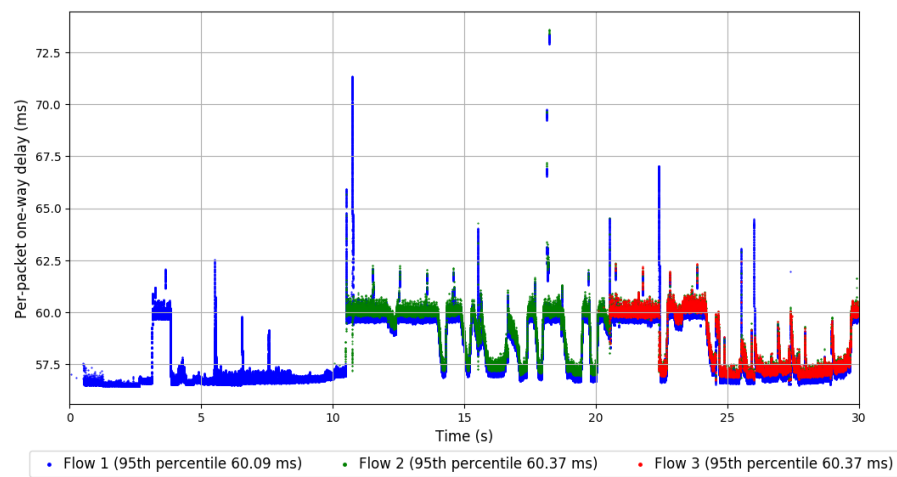
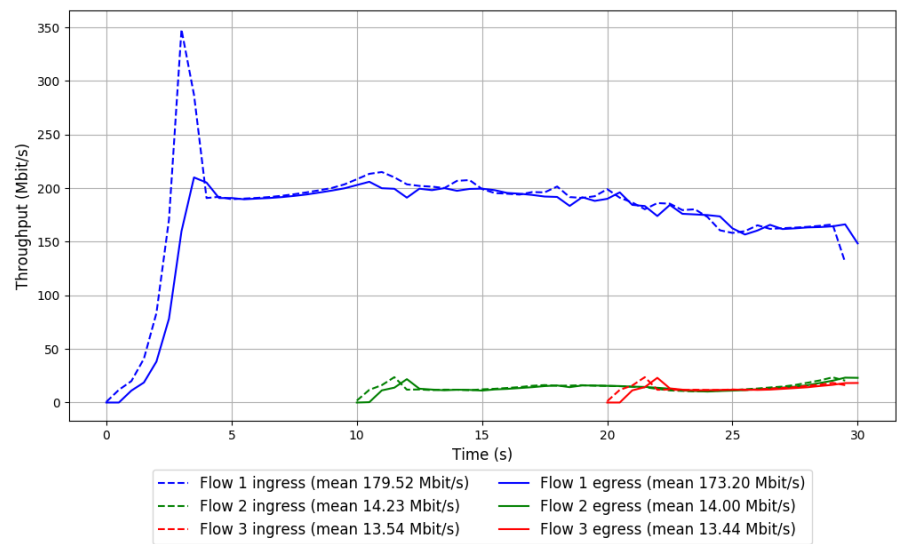


Run 7: Statistics of PCC-Expr

Start at: 2018-08-22 05:30:18
End at: 2018-08-22 05:30:48
Local clock offset: 3.997 ms
Remote clock offset: -37.582 ms

Below is generated by plot.py at 2018-08-22 07:58:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 186.95 Mbit/s
95th percentile per-packet one-way delay: 60.130 ms
Loss rate: 3.35%
-- Flow 1:
Average throughput: 173.20 Mbit/s
95th percentile per-packet one-way delay: 60.087 ms
Loss rate: 3.51%
-- Flow 2:
Average throughput: 14.00 Mbit/s
95th percentile per-packet one-way delay: 60.371 ms
Loss rate: 1.60%
-- Flow 3:
Average throughput: 13.44 Mbit/s
95th percentile per-packet one-way delay: 60.373 ms
Loss rate: 0.73%

Run 7: Report of PCC-Expr — Data Link

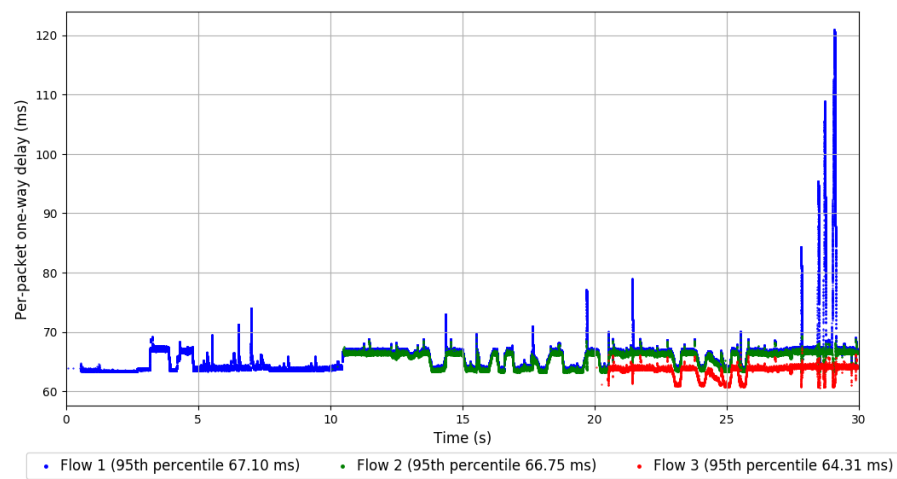
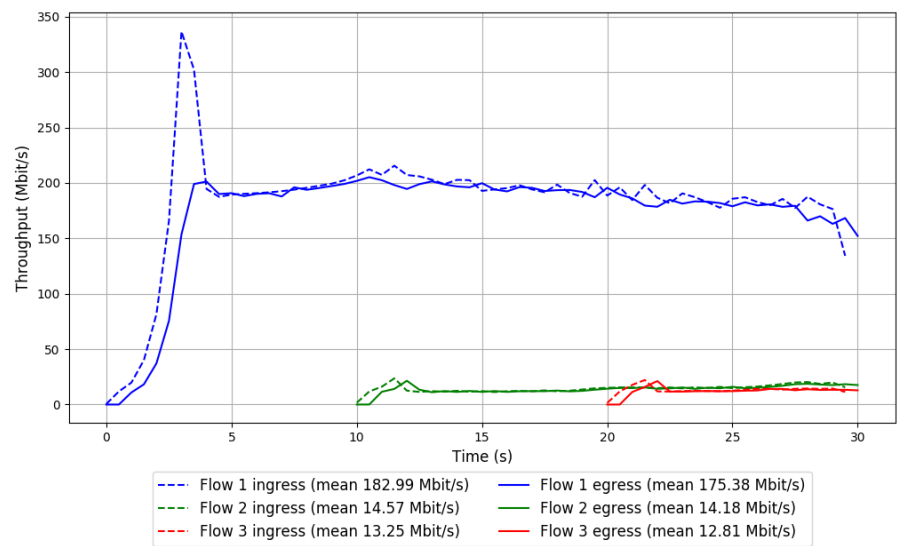


Run 8: Statistics of PCC-Expr

Start at: 2018-08-22 05:54:55
End at: 2018-08-22 05:55:25
Local clock offset: 2.845 ms
Remote clock offset: -34.747 ms

Below is generated by plot.py at 2018-08-22 07:59:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 189.04 Mbit/s
95th percentile per-packet one-way delay: 67.085 ms
Loss rate: 4.06%
-- Flow 1:
Average throughput: 175.38 Mbit/s
95th percentile per-packet one-way delay: 67.103 ms
Loss rate: 4.15%
-- Flow 2:
Average throughput: 14.18 Mbit/s
95th percentile per-packet one-way delay: 66.751 ms
Loss rate: 2.64%
-- Flow 3:
Average throughput: 12.81 Mbit/s
95th percentile per-packet one-way delay: 64.308 ms
Loss rate: 3.34%

Run 8: Report of PCC-Expr — Data Link

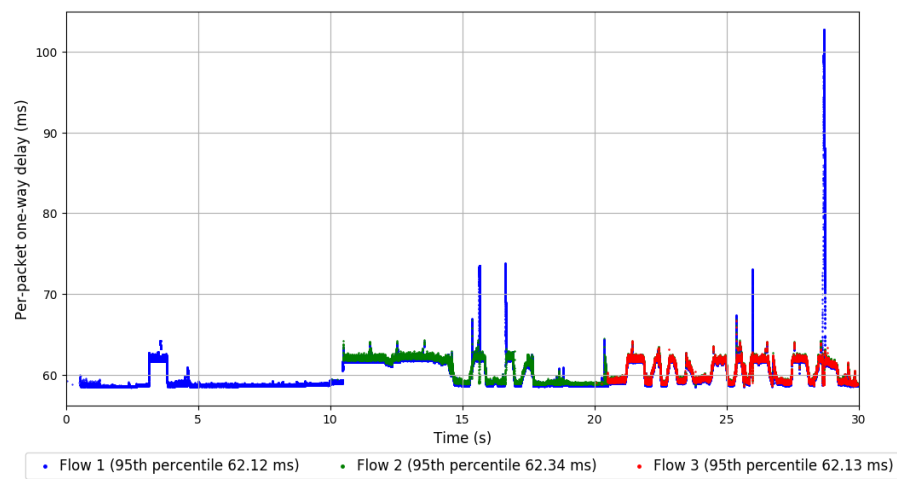
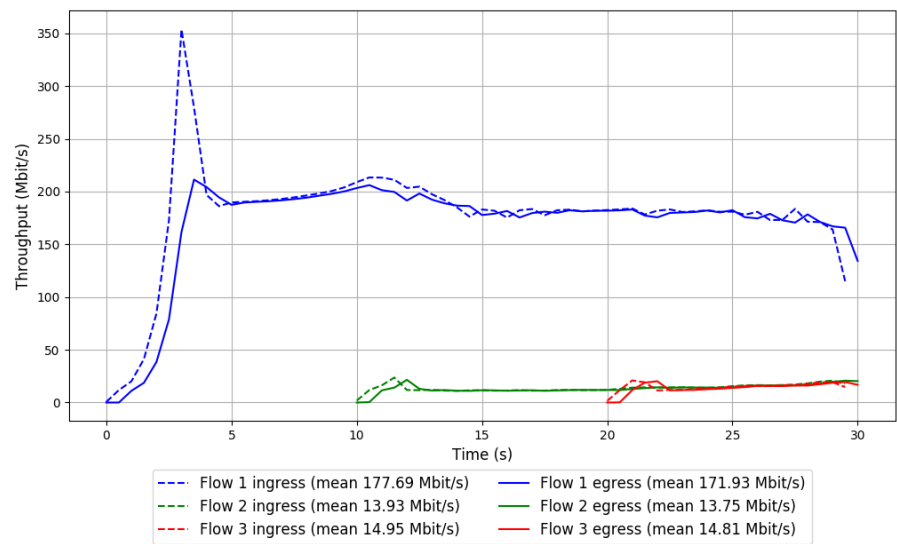


Run 9: Statistics of PCC-Expr

Start at: 2018-08-22 06:25:10
End at: 2018-08-22 06:25:40
Local clock offset: 1.037 ms
Remote clock offset: -38.41 ms

Below is generated by plot.py at 2018-08-22 07:59:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 185.96 Mbit/s
95th percentile per-packet one-way delay: 62.135 ms
Loss rate: 3.09%
-- Flow 1:
Average throughput: 171.93 Mbit/s
95th percentile per-packet one-way delay: 62.116 ms
Loss rate: 3.25%
-- Flow 2:
Average throughput: 13.75 Mbit/s
95th percentile per-packet one-way delay: 62.345 ms
Loss rate: 1.26%
-- Flow 3:
Average throughput: 14.81 Mbit/s
95th percentile per-packet one-way delay: 62.132 ms
Loss rate: 0.94%

Run 9: Report of PCC-Expr — Data Link

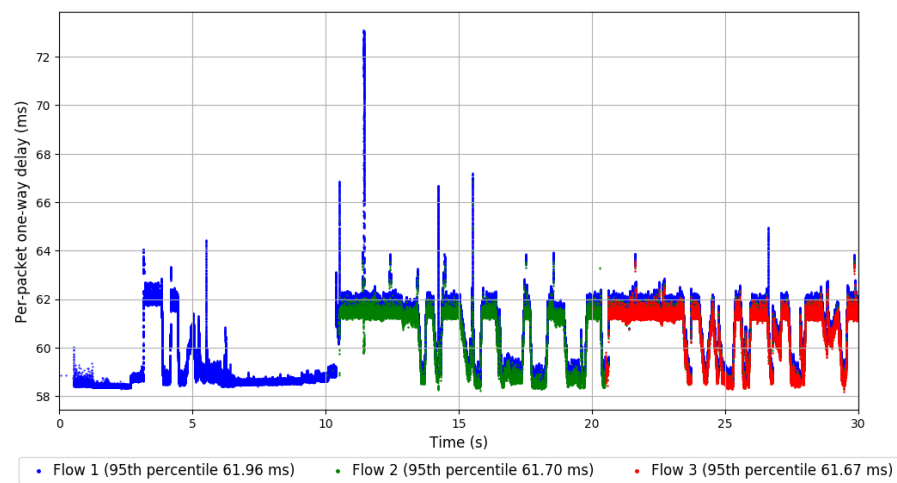
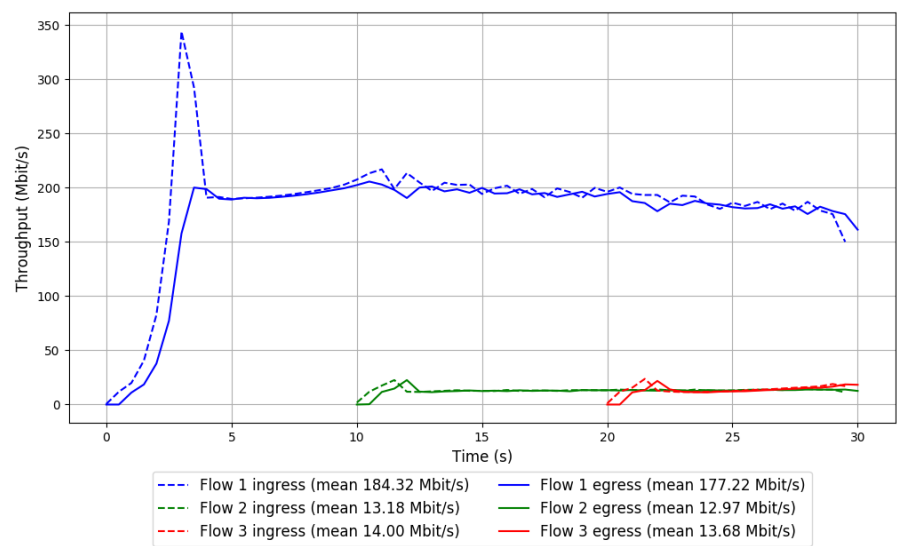


Run 10: Statistics of PCC-Expr

Start at: 2018-08-22 06:49:44
End at: 2018-08-22 06:50:14
Local clock offset: 2.219 ms
Remote clock offset: -37.579 ms

Below is generated by plot.py at 2018-08-22 07:59:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 190.37 Mbit/s
95th percentile per-packet one-way delay: 61.953 ms
Loss rate: 3.70%
-- Flow 1:
Average throughput: 177.22 Mbit/s
95th percentile per-packet one-way delay: 61.964 ms
Loss rate: 3.84%
-- Flow 2:
Average throughput: 12.97 Mbit/s
95th percentile per-packet one-way delay: 61.702 ms
Loss rate: 1.55%
-- Flow 3:
Average throughput: 13.68 Mbit/s
95th percentile per-packet one-way delay: 61.672 ms
Loss rate: 2.28%

Run 10: Report of PCC-Expr — Data Link

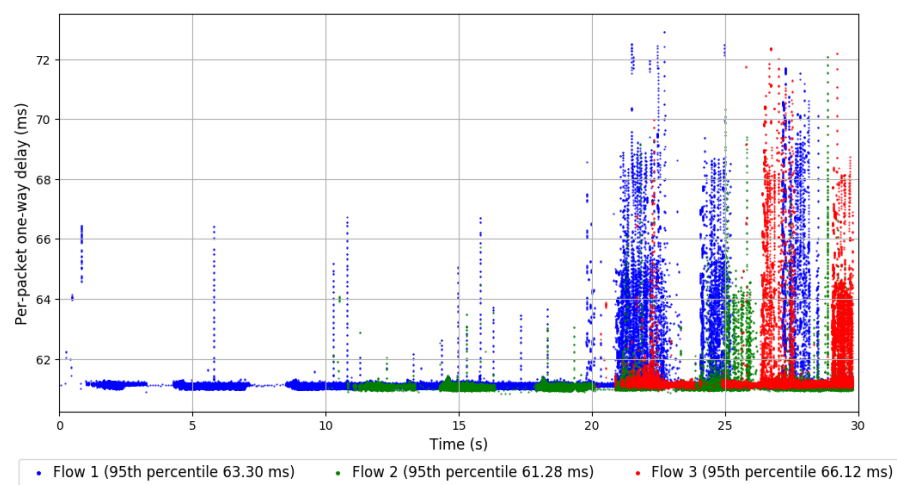
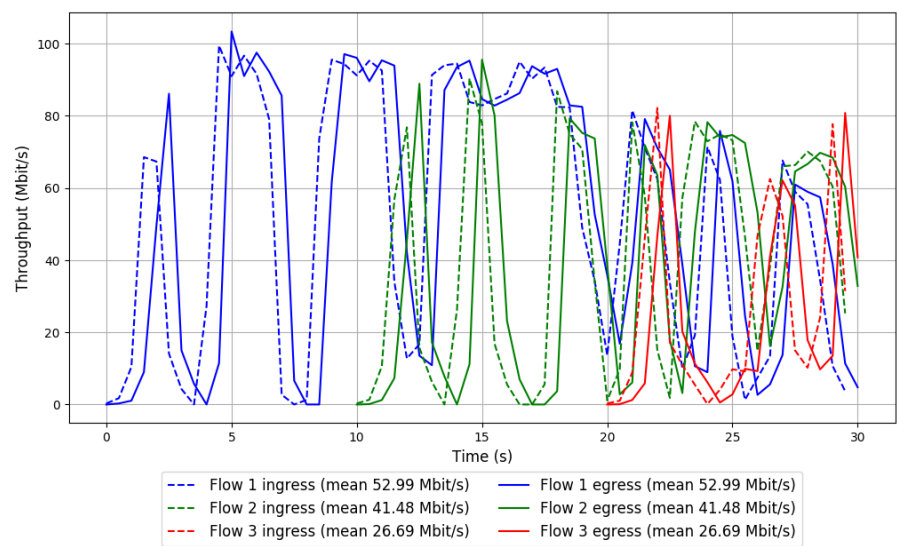


Run 1: Statistics of QUIC Cubic

Start at: 2018-08-22 02:35:37
End at: 2018-08-22 02:36:07
Local clock offset: 3.246 ms
Remote clock offset: -35.218 ms

Below is generated by plot.py at 2018-08-22 07:59:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.15 Mbit/s
95th percentile per-packet one-way delay: 63.195 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 52.99 Mbit/s
95th percentile per-packet one-way delay: 63.298 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.48 Mbit/s
95th percentile per-packet one-way delay: 61.280 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 26.69 Mbit/s
95th percentile per-packet one-way delay: 66.117 ms
Loss rate: 0.00%

Run 1: Report of QUIC Cubic — Data Link

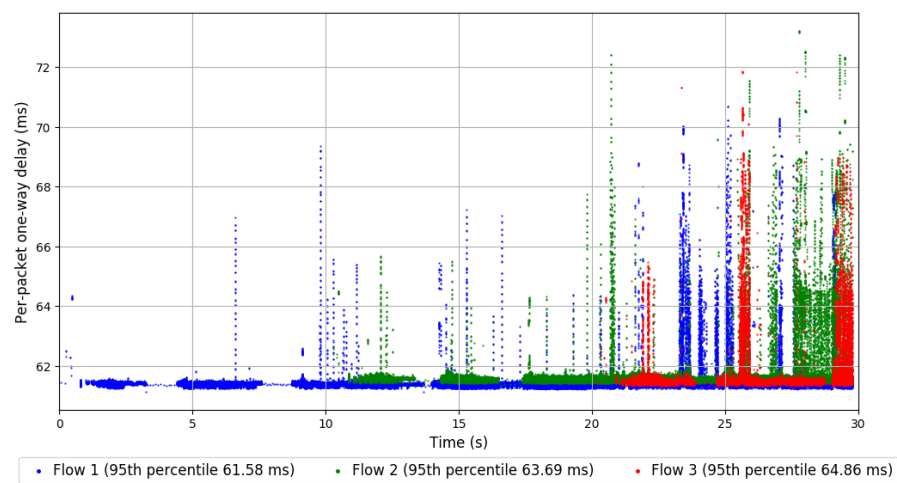
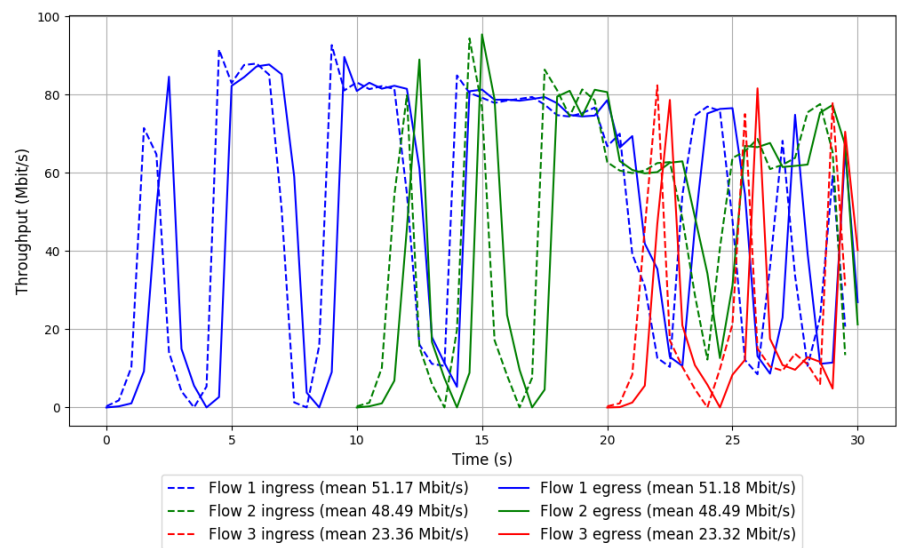


Run 2: Statistics of QUIC Cubic

Start at: 2018-08-22 03:05:49
End at: 2018-08-22 03:06:19
Local clock offset: 1.44 ms
Remote clock offset: -33.853 ms

Below is generated by plot.py at 2018-08-22 07:59:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.89 Mbit/s
95th percentile per-packet one-way delay: 63.031 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 51.18 Mbit/s
95th percentile per-packet one-way delay: 61.583 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 48.49 Mbit/s
95th percentile per-packet one-way delay: 63.685 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.32 Mbit/s
95th percentile per-packet one-way delay: 64.864 ms
Loss rate: 0.11%

Run 2: Report of QUIC Cubic — Data Link

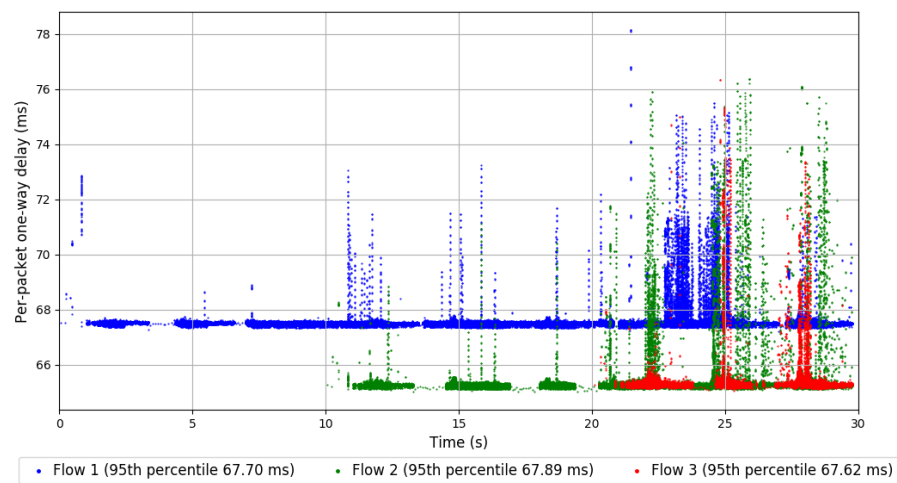
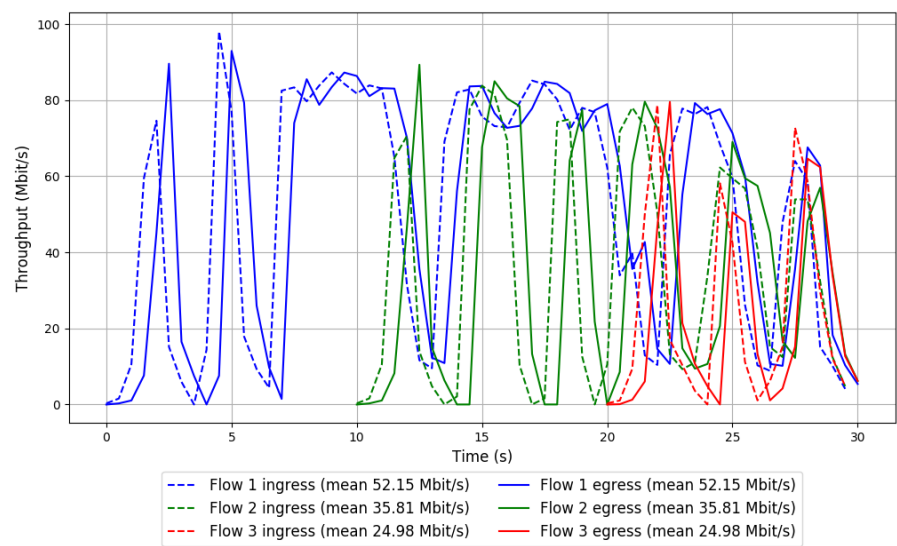


Run 3: Statistics of QUIC Cubic

Start at: 2018-08-22 03:36:08
End at: 2018-08-22 03:36:38
Local clock offset: -2.744 ms
Remote clock offset: -33.257 ms

Below is generated by plot.py at 2018-08-22 07:59:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.01 Mbit/s
95th percentile per-packet one-way delay: 67.710 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 52.15 Mbit/s
95th percentile per-packet one-way delay: 67.696 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.81 Mbit/s
95th percentile per-packet one-way delay: 67.885 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.98 Mbit/s
95th percentile per-packet one-way delay: 67.620 ms
Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link

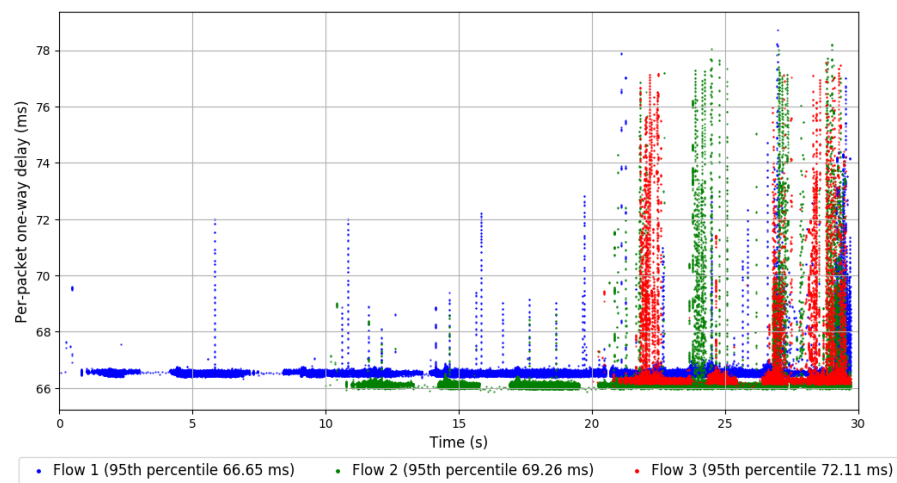
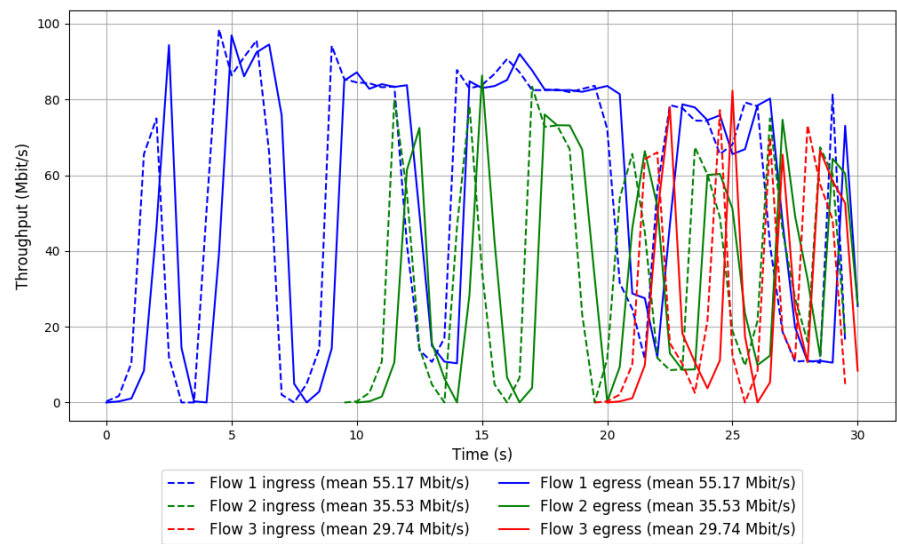


Run 4: Statistics of QUIC Cubic

Start at: 2018-08-22 04:17:29
End at: 2018-08-22 04:17:59
Local clock offset: -0.462 ms
Remote clock offset: -32.335 ms

Below is generated by plot.py at 2018-08-22 07:59:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.47 Mbit/s
95th percentile per-packet one-way delay: 67.889 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.17 Mbit/s
95th percentile per-packet one-way delay: 66.652 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.53 Mbit/s
95th percentile per-packet one-way delay: 69.260 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.74 Mbit/s
95th percentile per-packet one-way delay: 72.110 ms
Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link

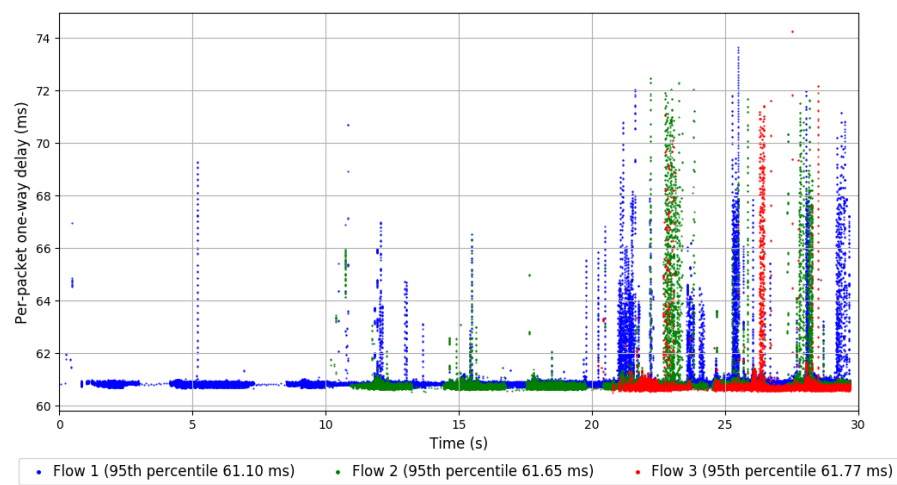
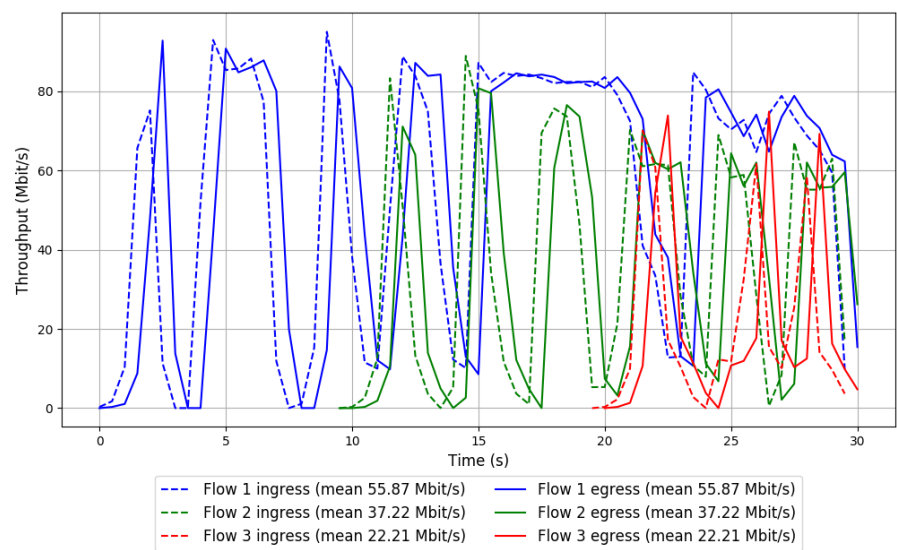


Run 5: Statistics of QUIC Cubic

Start at: 2018-08-22 04:42:27
End at: 2018-08-22 04:42:57
Local clock offset: 1.628 ms
Remote clock offset: -35.227 ms

Below is generated by plot.py at 2018-08-22 07:59:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.85 Mbit/s
95th percentile per-packet one-way delay: 61.214 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.87 Mbit/s
95th percentile per-packet one-way delay: 61.097 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.22 Mbit/s
95th percentile per-packet one-way delay: 61.654 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 22.21 Mbit/s
95th percentile per-packet one-way delay: 61.770 ms
Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link

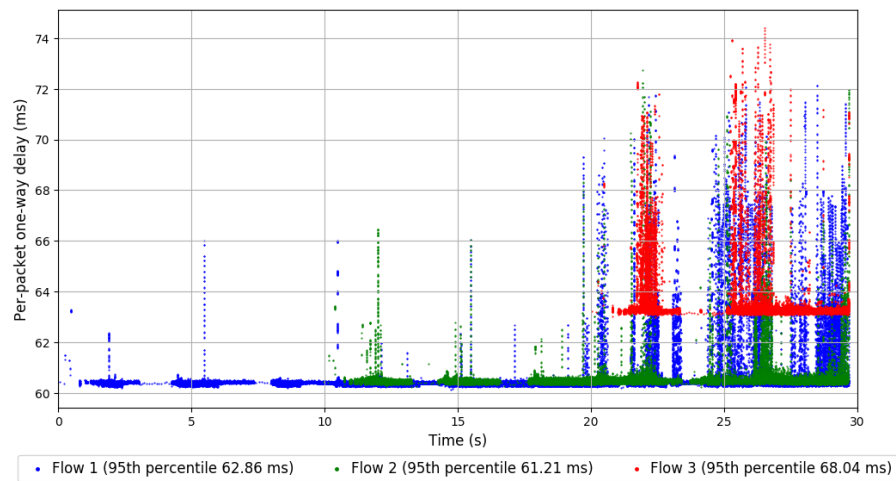
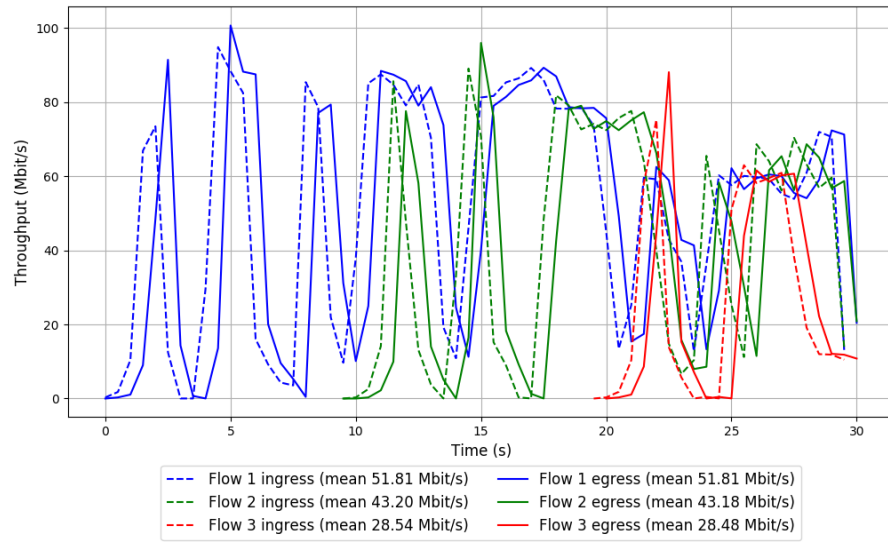


Run 6: Statistics of QUIC Cubic

Start at: 2018-08-22 05:06:59
End at: 2018-08-22 05:07:29
Local clock offset: 3.13 ms
Remote clock offset: -34.06 ms

Below is generated by plot.py at 2018-08-22 07:59:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.81 Mbit/s
95th percentile per-packet one-way delay: 63.658 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 51.81 Mbit/s
95th percentile per-packet one-way delay: 62.860 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 43.18 Mbit/s
95th percentile per-packet one-way delay: 61.206 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 28.48 Mbit/s
95th percentile per-packet one-way delay: 68.042 ms
Loss rate: 0.21%

Run 6: Report of QUIC Cubic — Data Link

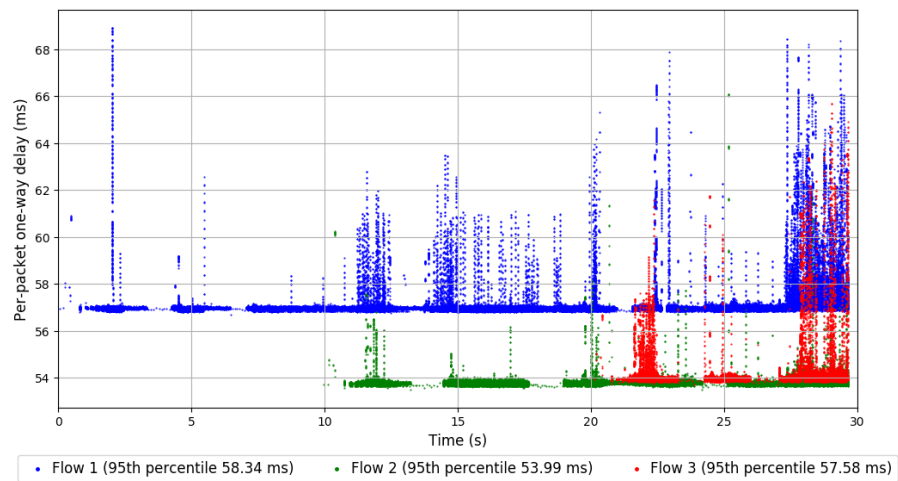
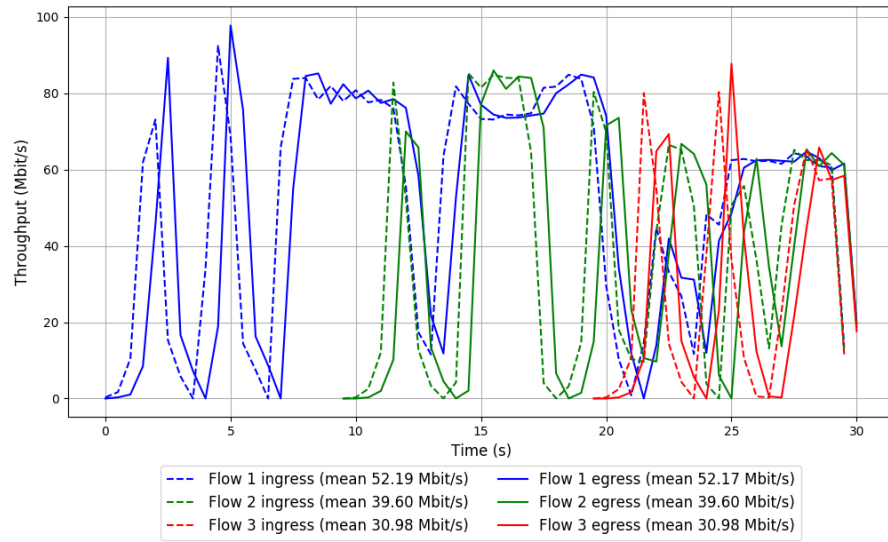


Run 7: Statistics of QUIC Cubic

Start at: 2018-08-22 05:31:54
End at: 2018-08-22 05:32:24
Local clock offset: 3.96 ms
Remote clock offset: -40.491 ms

Below is generated by plot.py at 2018-08-22 07:59:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.61 Mbit/s
95th percentile per-packet one-way delay: 57.541 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 52.17 Mbit/s
95th percentile per-packet one-way delay: 58.336 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 39.60 Mbit/s
95th percentile per-packet one-way delay: 53.989 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.98 Mbit/s
95th percentile per-packet one-way delay: 57.575 ms
Loss rate: 0.00%

Run 7: Report of QUIC Cubic — Data Link

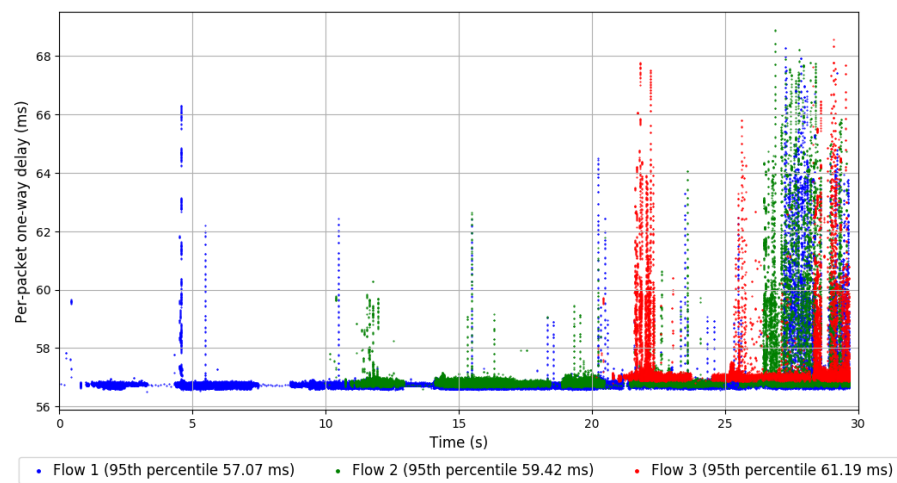
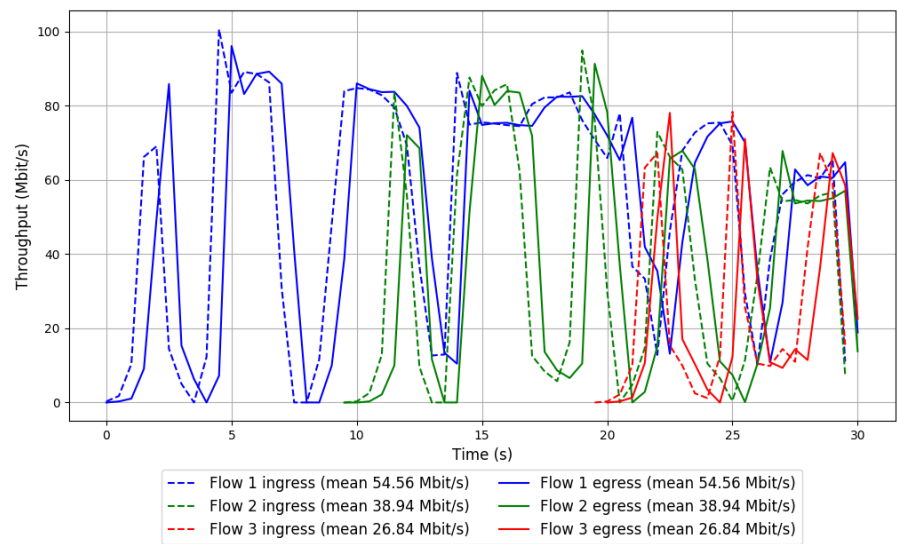


Run 8: Statistics of QUIC Cubic

Start at: 2018-08-22 05:56:30
End at: 2018-08-22 05:57:00
Local clock offset: 3.063 ms
Remote clock offset: -38.558 ms

Below is generated by plot.py at 2018-08-22 07:59:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.20 Mbit/s
95th percentile per-packet one-way delay: 58.755 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 54.56 Mbit/s
95th percentile per-packet one-way delay: 57.069 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.94 Mbit/s
95th percentile per-packet one-way delay: 59.416 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 26.84 Mbit/s
95th percentile per-packet one-way delay: 61.188 ms
Loss rate: 0.00%

Run 8: Report of QUIC Cubic — Data Link

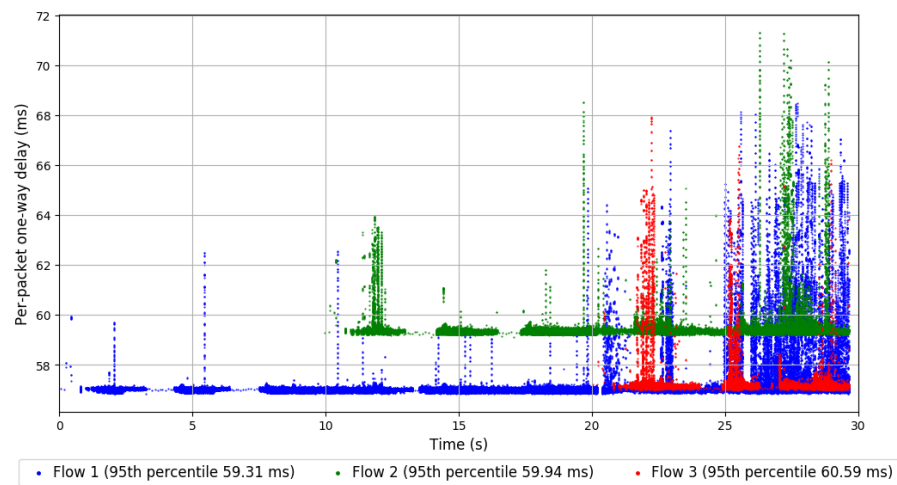
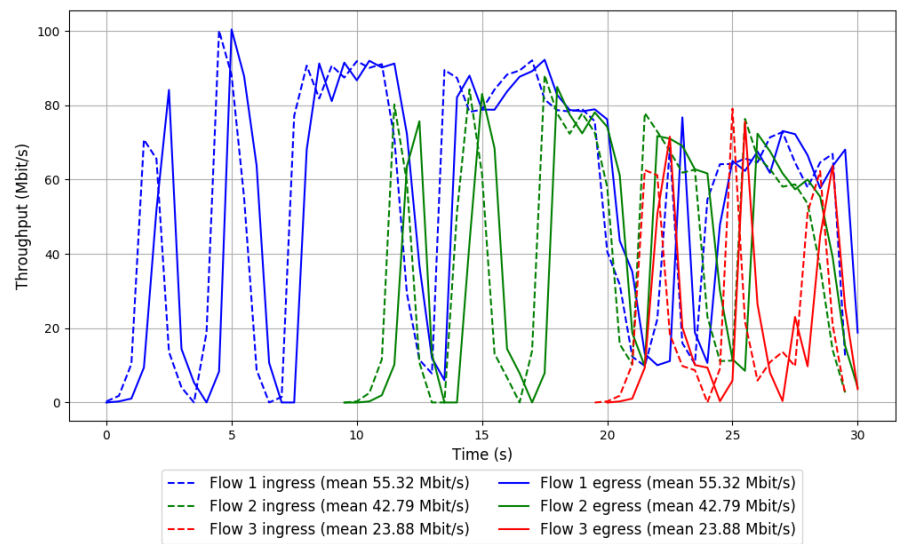


Run 9: Statistics of QUIC Cubic

Start at: 2018-08-22 06:26:46
End at: 2018-08-22 06:27:16
Local clock offset: 2.222 ms
Remote clock offset: -38.859 ms

Below is generated by plot.py at 2018-08-22 07:59:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.55 Mbit/s
95th percentile per-packet one-way delay: 59.727 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.32 Mbit/s
95th percentile per-packet one-way delay: 59.308 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 42.79 Mbit/s
95th percentile per-packet one-way delay: 59.939 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.88 Mbit/s
95th percentile per-packet one-way delay: 60.594 ms
Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-08-22 06:51:19

End at: 2018-08-22 06:51:49

Local clock offset: 1.239 ms

Remote clock offset: -32.738 ms

Below is generated by plot.py at 2018-08-22 07:59:10

Datalink statistics

-- Total of 3 flows:

Average throughput: 82.91 Mbit/s

95th percentile per-packet one-way delay: 65.332 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 51.85 Mbit/s

95th percentile per-packet one-way delay: 63.908 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 32.97 Mbit/s

95th percentile per-packet one-way delay: 66.993 ms

Loss rate: 0.00%

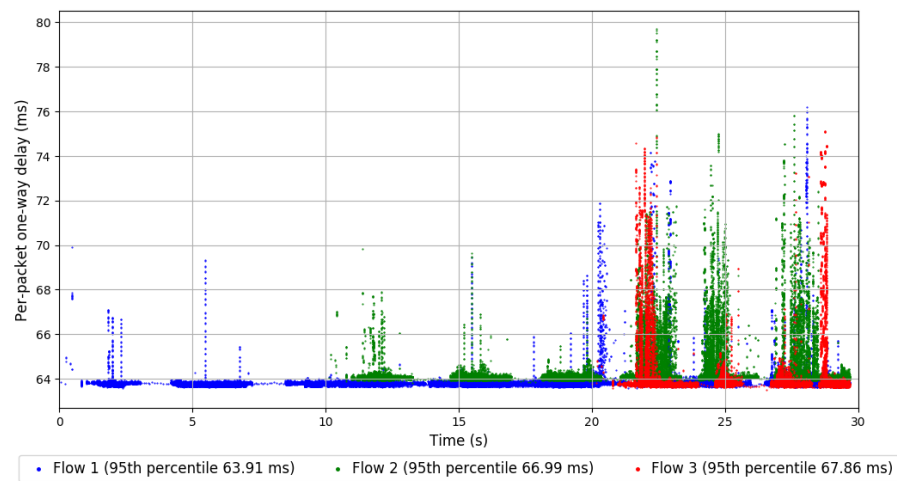
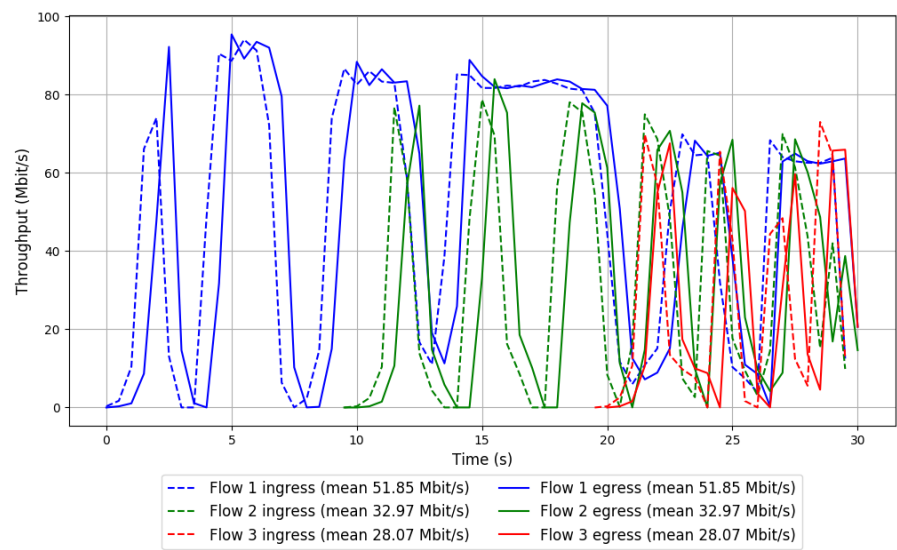
-- Flow 3:

Average throughput: 28.07 Mbit/s

95th percentile per-packet one-way delay: 67.861 ms

Loss rate: 0.00%

Run 10: Report of QUIC Cubic — Data Link

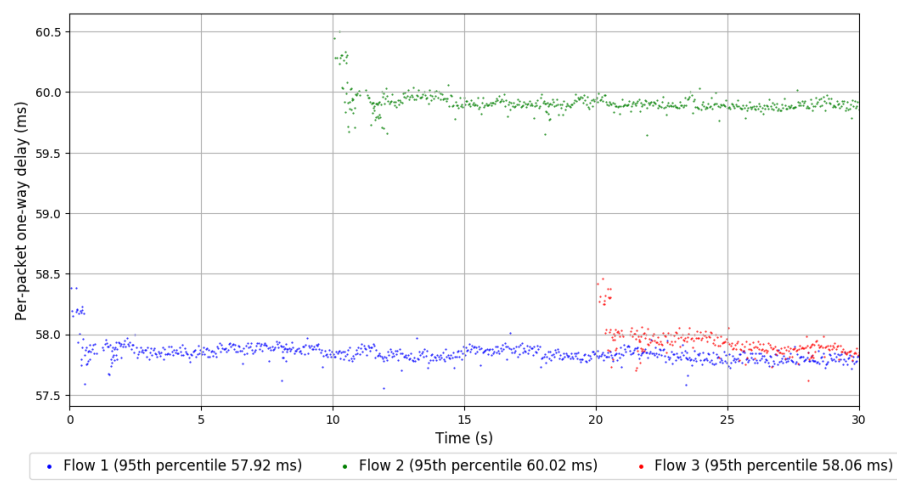
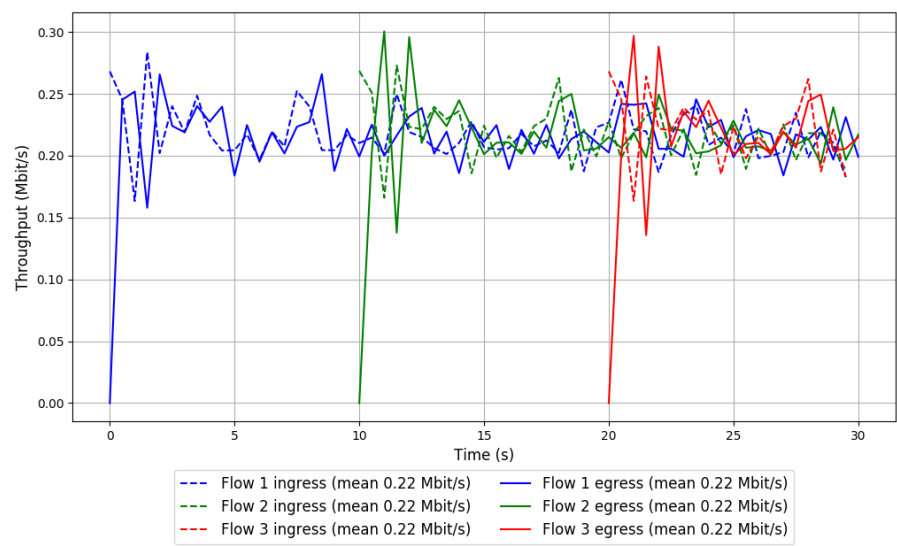


Run 1: Statistics of SReAM

Start at: 2018-08-22 02:45:56
End at: 2018-08-22 02:46:26
Local clock offset: 1.052 ms
Remote clock offset: -39.294 ms

Below is generated by plot.py at 2018-08-22 07:59:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 59.958 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 57.925 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 60.015 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 58.056 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

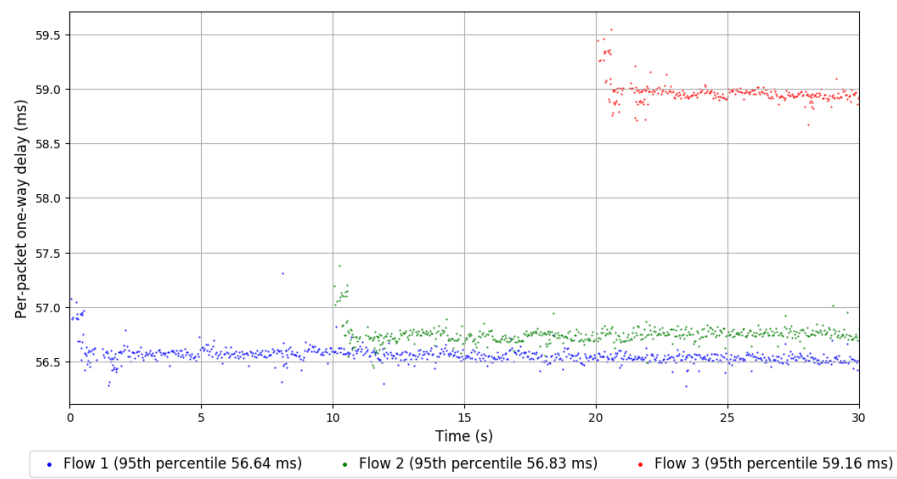
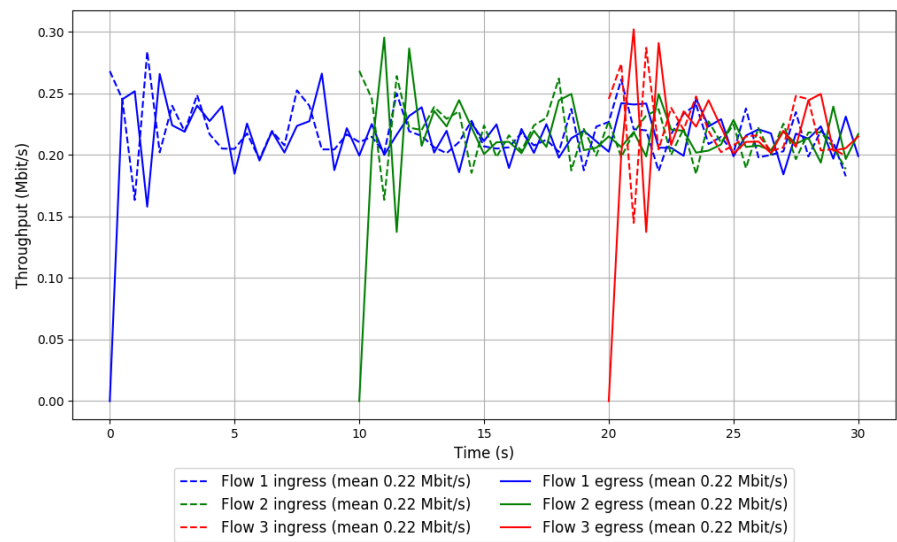


```
Run 2: Statistics of SReAM

Start at: 2018-08-22 03:21:46
End at: 2018-08-22 03:22:16
Local clock offset: 0.516 ms
Remote clock offset: -39.101 ms

# Below is generated by plot.py at 2018-08-22 07:59:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 58.980 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 56.640 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 56.832 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 59.157 ms
Loss rate: 0.00%
```

Run 2: Report of SReAM — Data Link

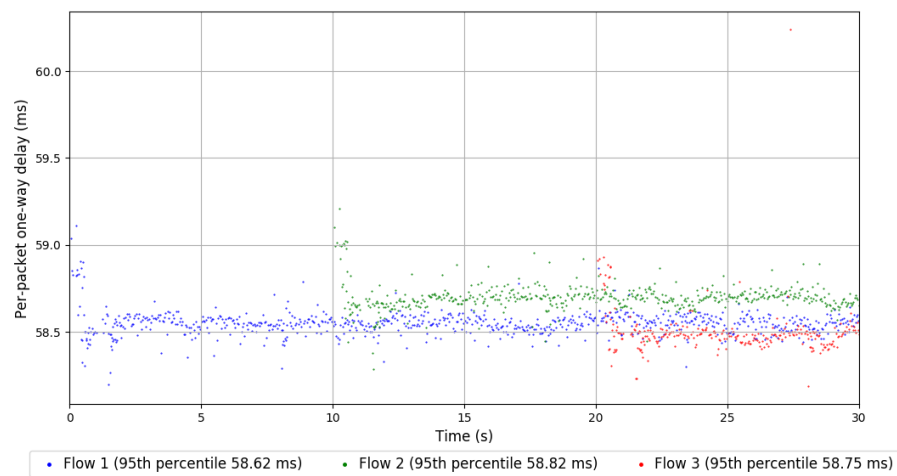
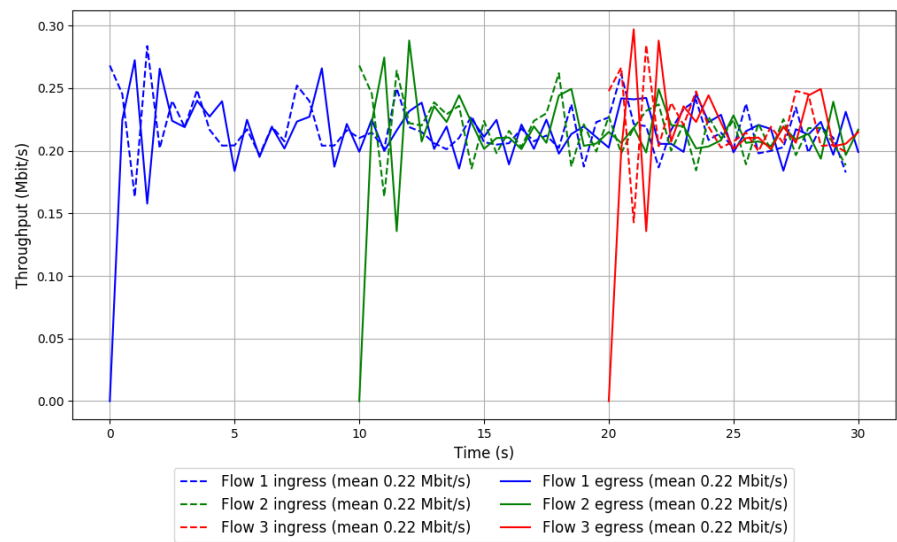


Run 3: Statistics of SReAM

Start at: 2018-08-22 03:57:29
End at: 2018-08-22 03:57:59
Local clock offset: 2.371 ms
Remote clock offset: -38.019 ms

Below is generated by plot.py at 2018-08-22 07:59:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 58.764 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 58.620 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 58.823 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 58.746 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

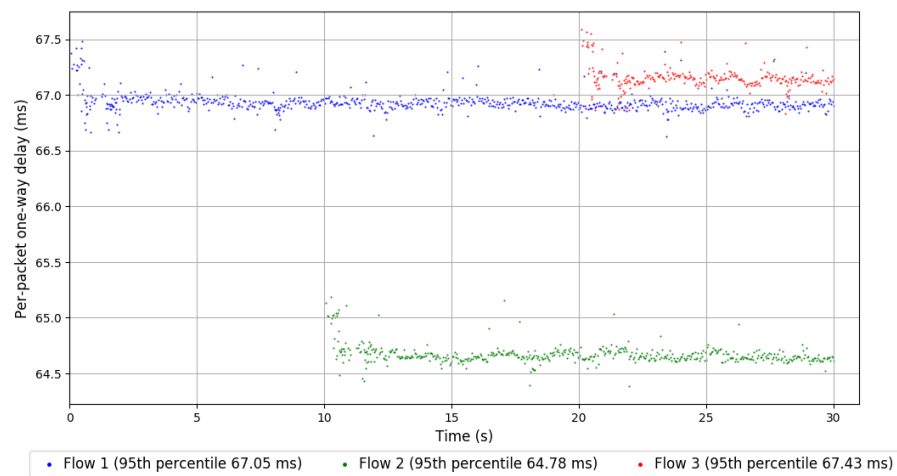
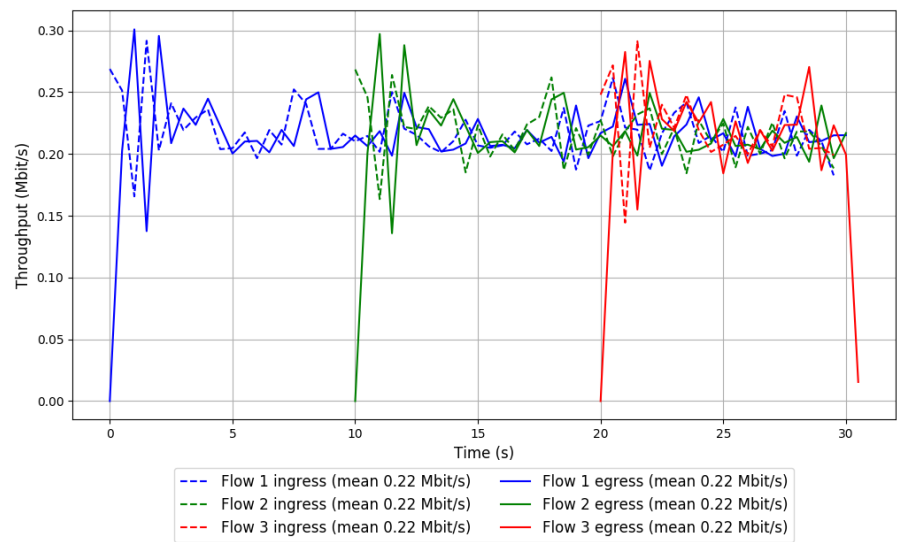


Run 4: Statistics of SReAM

Start at: 2018-08-22 04:28:03
End at: 2018-08-22 04:28:33
Local clock offset: -0.495 ms
Remote clock offset: -33.916 ms

Below is generated by plot.py at 2018-08-22 07:59:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 67.188 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 67.049 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.778 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 67.426 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

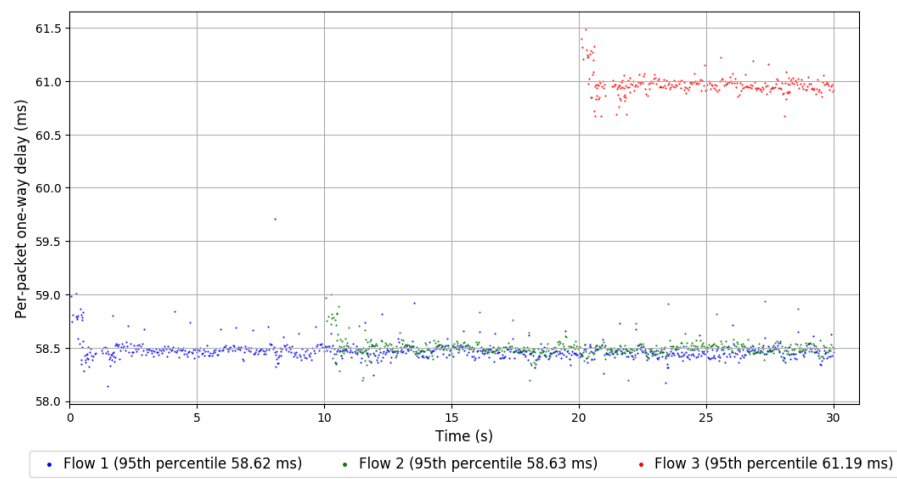
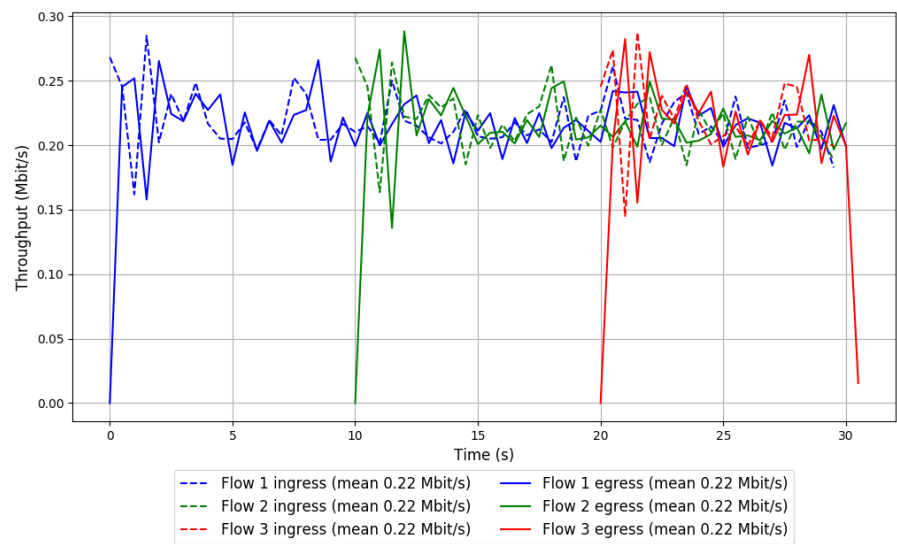


Run 5: Statistics of SReAM

Start at: 2018-08-22 04:52:40
End at: 2018-08-22 04:53:10
Local clock offset: 1.76 ms
Remote clock offset: -37.415 ms

Below is generated by plot.py at 2018-08-22 07:59:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 60.990 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 58.616 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 58.630 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 61.188 ms
Loss rate: 0.00%

Run 5: Report of SCReAM — Data Link

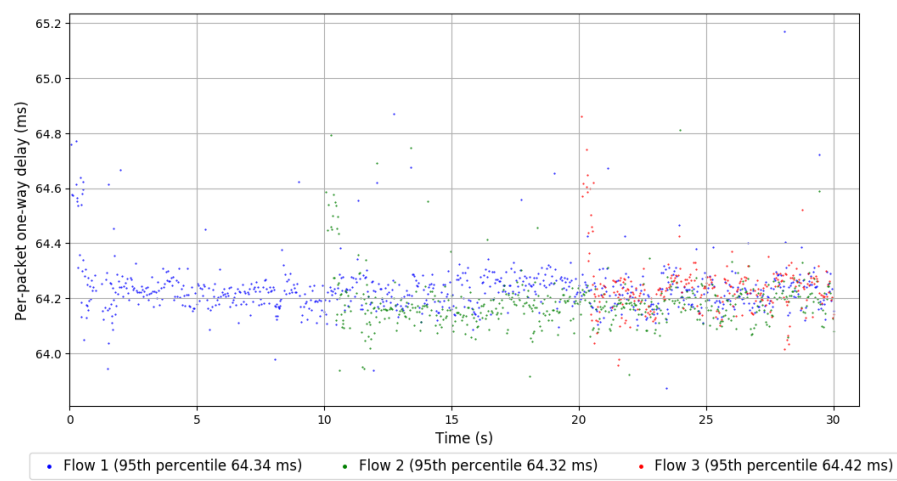
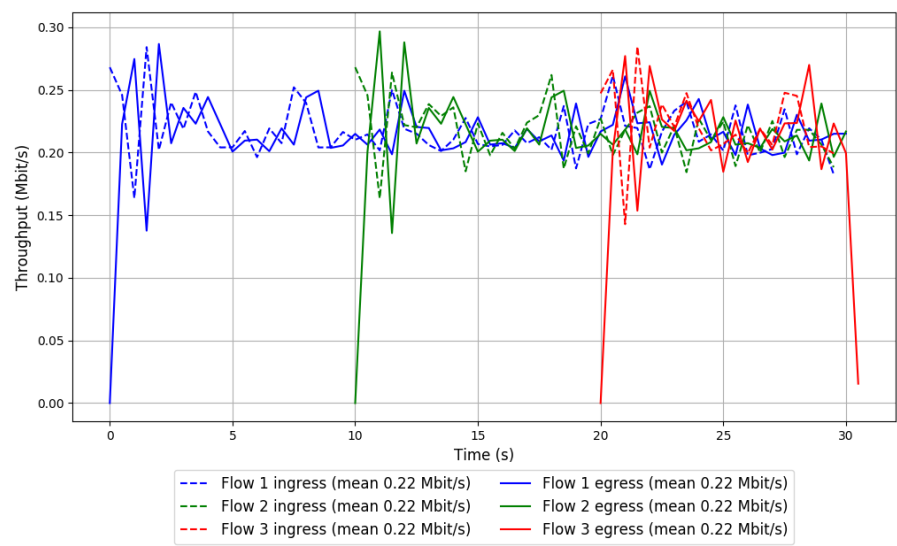


Run 6: Statistics of SReAM

Start at: 2018-08-22 05:17:22
End at: 2018-08-22 05:17:52
Local clock offset: 1.037 ms
Remote clock offset: -32.864 ms

Below is generated by plot.py at 2018-08-22 07:59:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 64.352 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.343 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.318 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 64.425 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

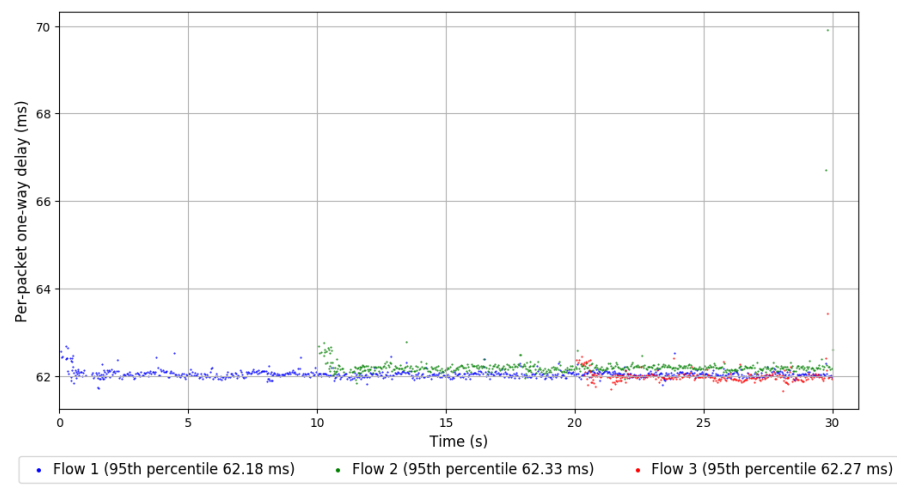
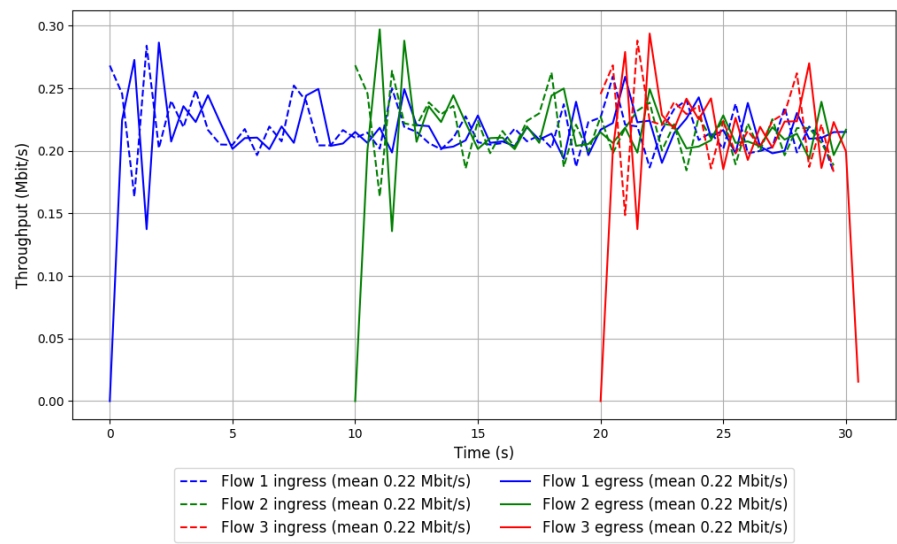


Run 7: Statistics of SReAM

Start at: 2018-08-22 05:42:06
End at: 2018-08-22 05:42:36
Local clock offset: 3.658 ms
Remote clock offset: -32.872 ms

Below is generated by plot.py at 2018-08-22 07:59:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 62.299 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.177 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.330 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.272 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

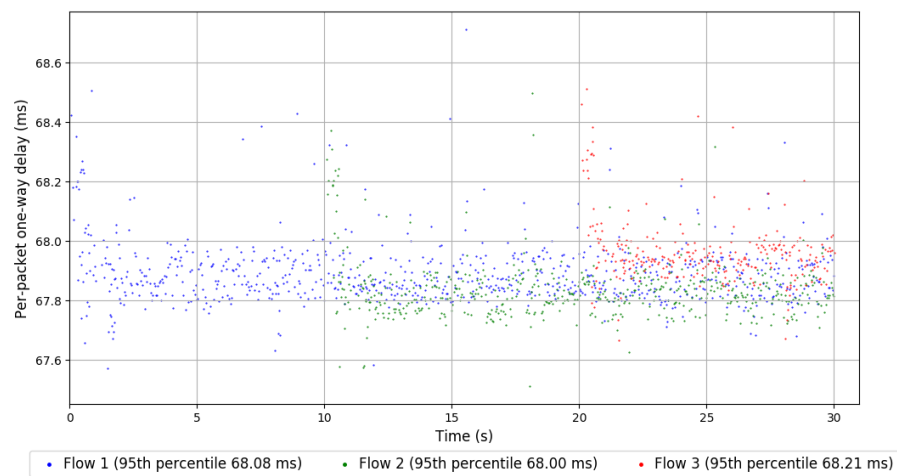
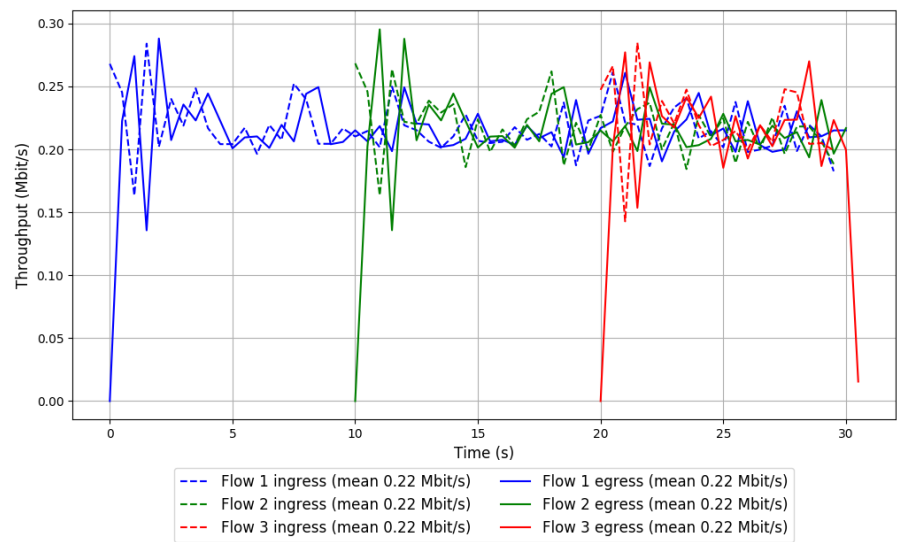


Run 8: Statistics of SReAM

Start at: 2018-08-22 06:06:41
End at: 2018-08-22 06:07:11
Local clock offset: -3.414 ms
Remote clock offset: -34.239 ms

Below is generated by plot.py at 2018-08-22 07:59:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 68.095 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 68.079 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 68.002 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 68.212 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

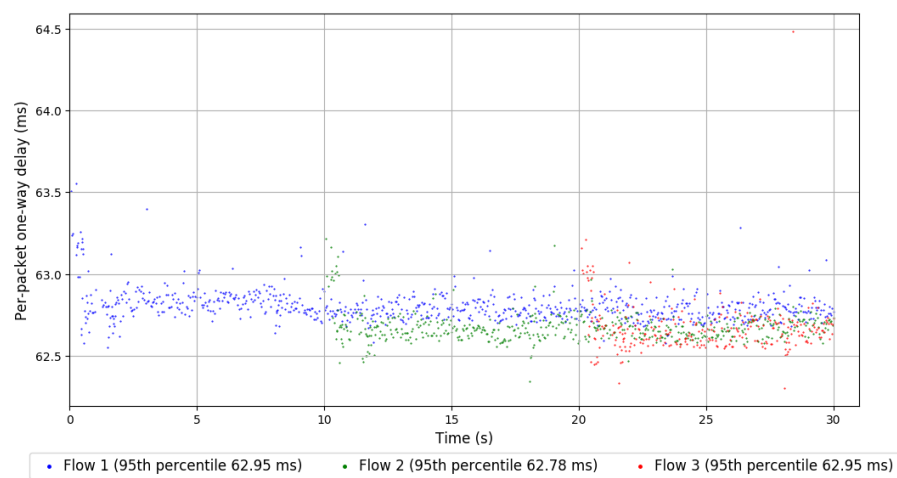
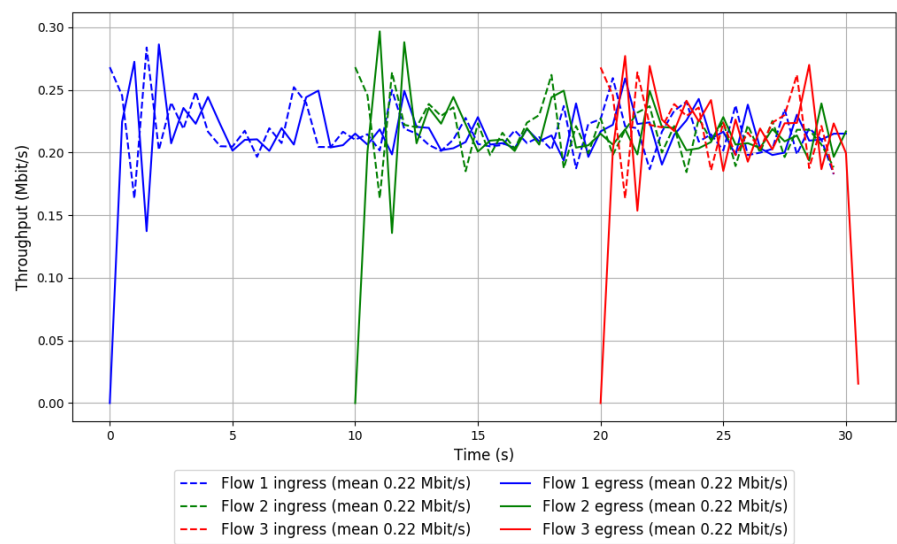


Run 9: Statistics of SReAM

Start at: 2018-08-22 06:36:56
End at: 2018-08-22 06:37:26
Local clock offset: 0.6 ms
Remote clock offset: -35.22 ms

Below is generated by plot.py at 2018-08-22 07:59:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 62.928 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.954 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.783 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.951 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

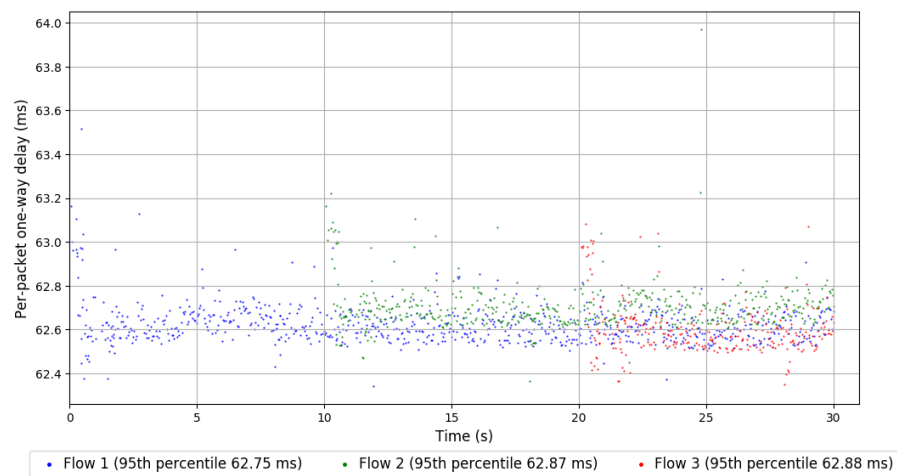
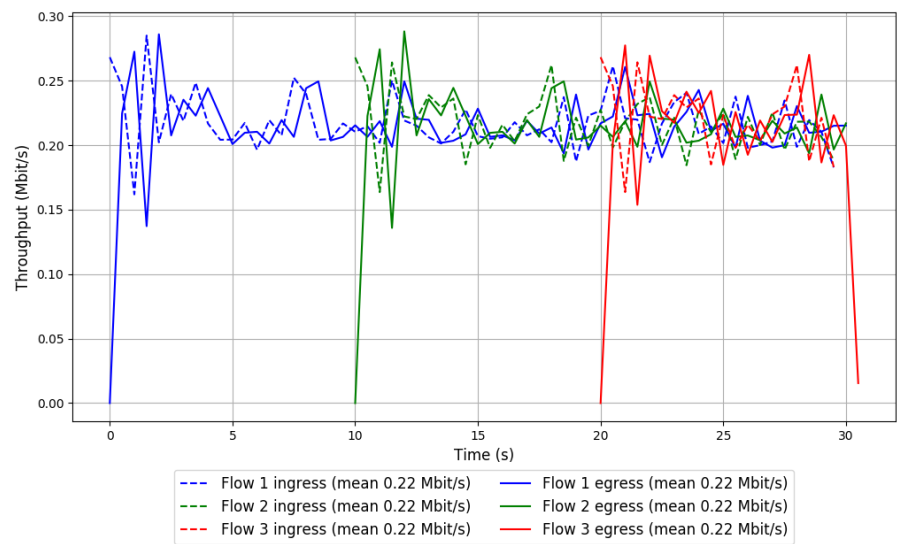


Run 10: Statistics of SReAM

Start at: 2018-08-22 07:01:30
End at: 2018-08-22 07:02:00
Local clock offset: 0.992 ms
Remote clock offset: -34.336 ms

Below is generated by plot.py at 2018-08-22 07:59:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 62.824 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.747 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.872 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 62.876 ms
Loss rate: 0.00%

Run 10: Report of SCReAM — Data Link

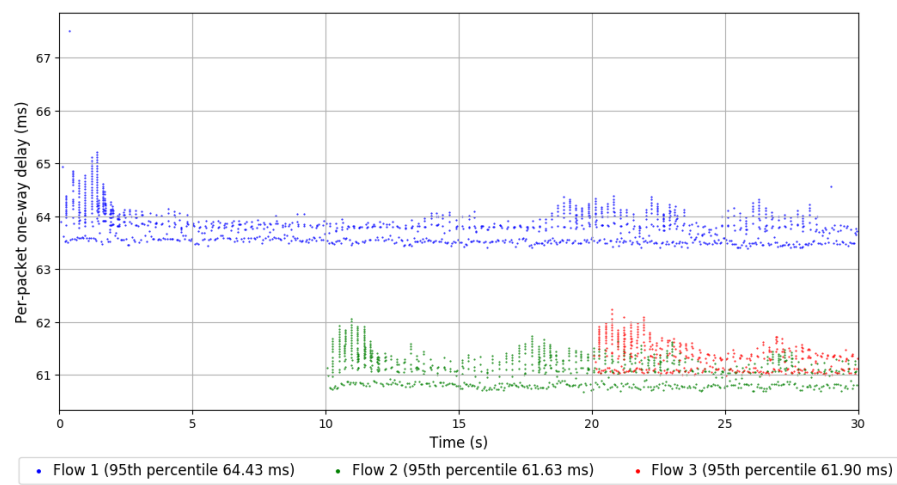
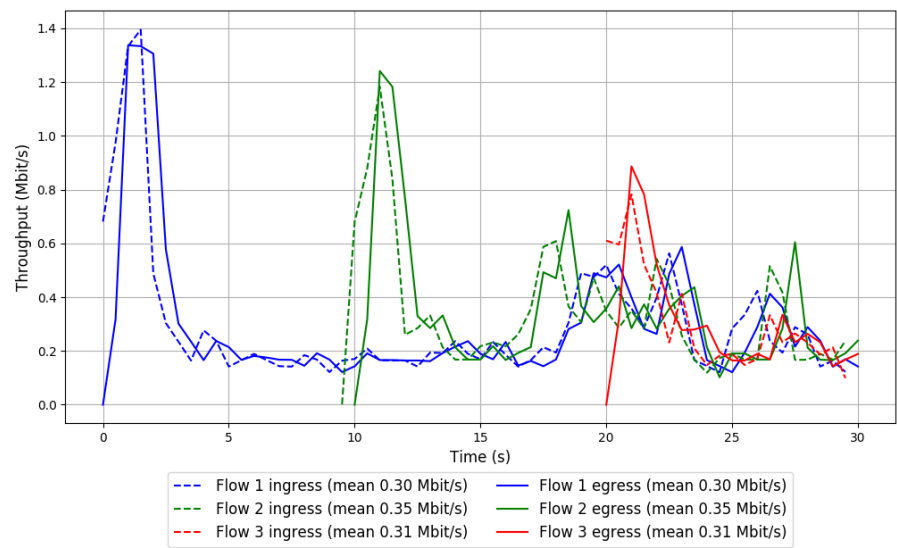


Run 1: Statistics of Sprout

Start at: 2018-08-22 02:47:11
End at: 2018-08-22 02:47:41
Local clock offset: -0.401 ms
Remote clock offset: -37.099 ms

Below is generated by plot.py at 2018-08-22 07:59:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 64.211 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 64.434 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 61.634 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 61.899 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

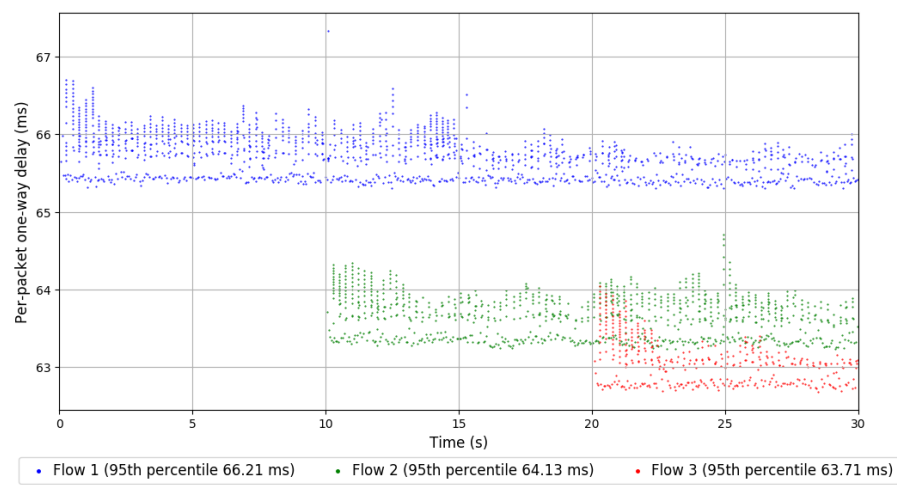
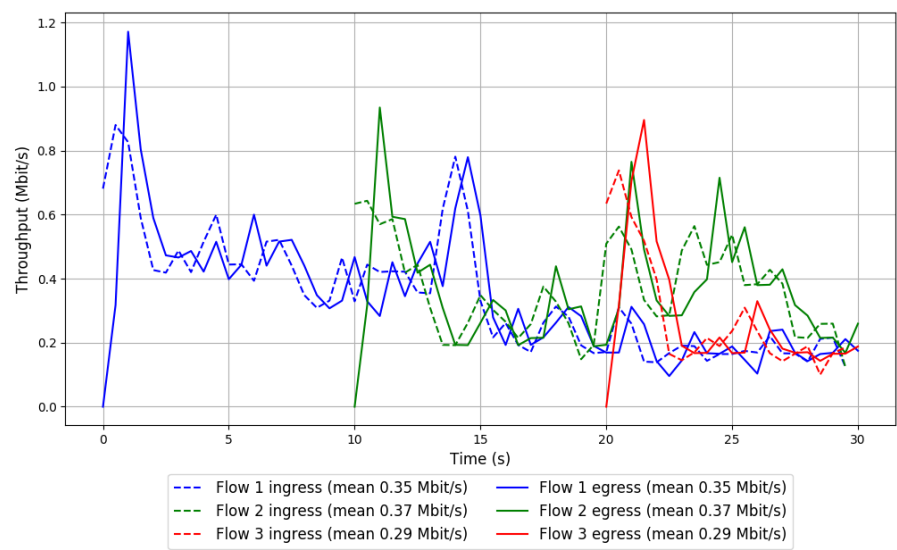


Run 2: Statistics of Sprout

Start at: 2018-08-22 03:23:01
End at: 2018-08-22 03:23:31
Local clock offset: -1.898 ms
Remote clock offset: -34.972 ms

Below is generated by plot.py at 2018-08-22 07:59:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.69 Mbit/s
95th percentile per-packet one-way delay: 66.112 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 66.207 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 64.129 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 63.708 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

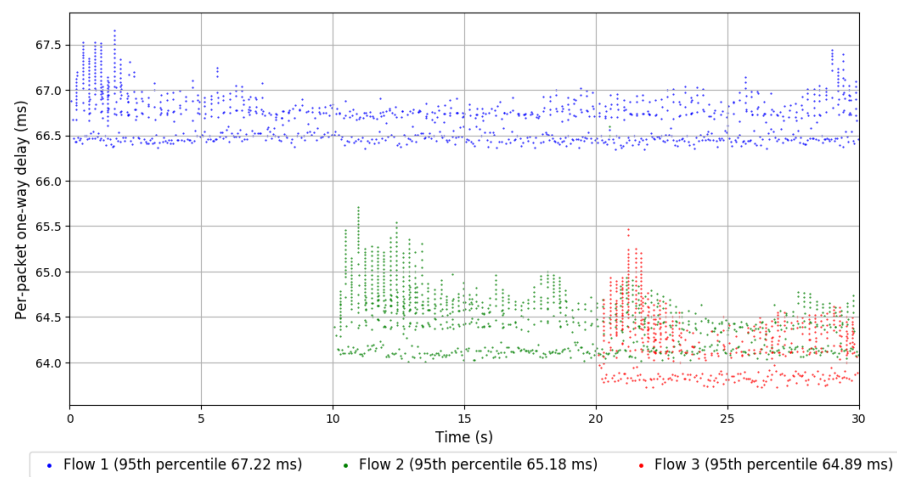
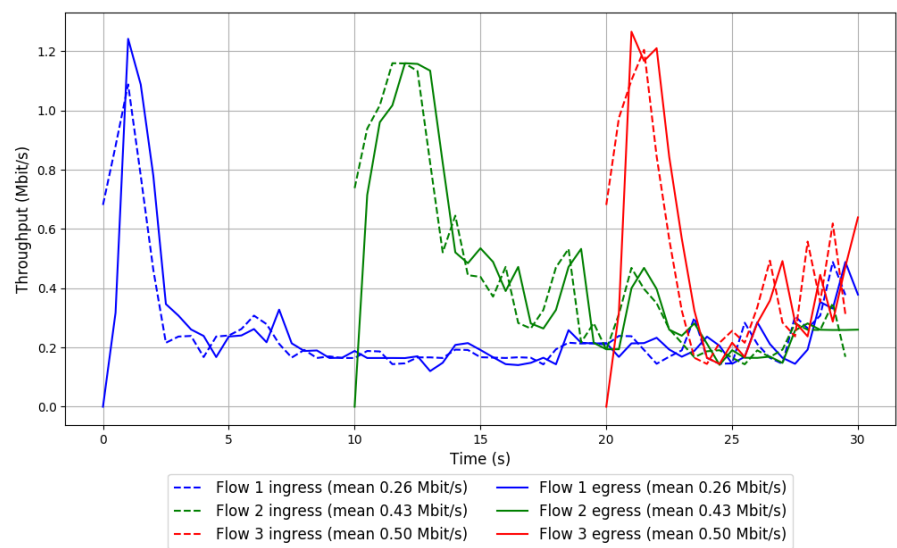


Run 3: Statistics of Sprout

Start at: 2018-08-22 03:58:44
End at: 2018-08-22 03:59:14
Local clock offset: 2.565 ms
Remote clock offset: -32.127 ms

```
# Below is generated by plot.py at 2018-08-22 07:59:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.71 Mbit/s
95th percentile per-packet one-way delay: 67.003 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 67.215 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 65.181 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 64.894 ms
Loss rate: 0.00%
```


Run 3: Report of Sprout — Data Link

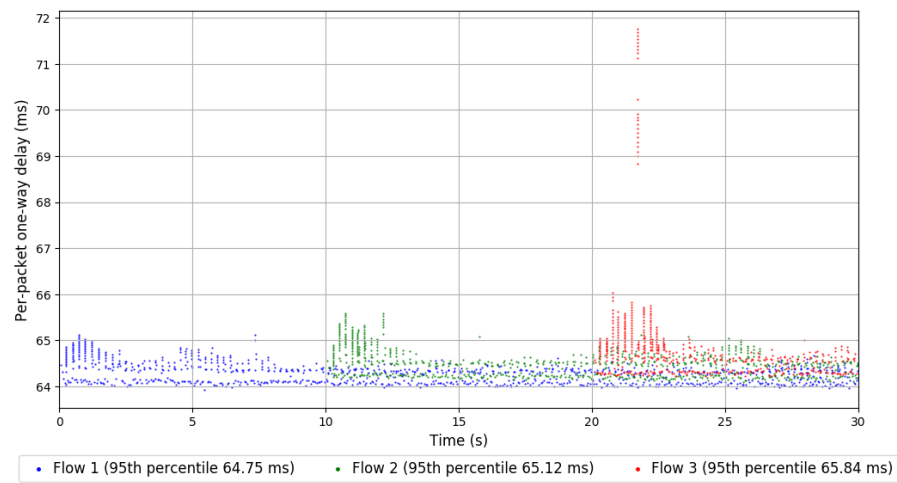
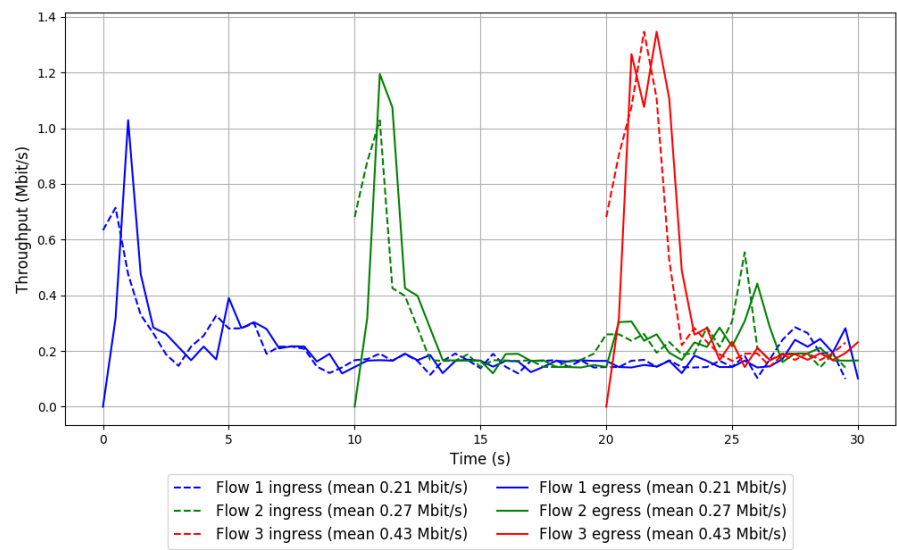


Run 4: Statistics of Sprout

Start at: 2018-08-22 04:29:19
End at: 2018-08-22 04:29:49
Local clock offset: -0.114 ms
Remote clock offset: -33.471 ms

```
# Below is generated by plot.py at 2018-08-22 07:59:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.52 Mbit/s
95th percentile per-packet one-way delay: 65.200 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 64.747 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 65.120 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 65.836 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

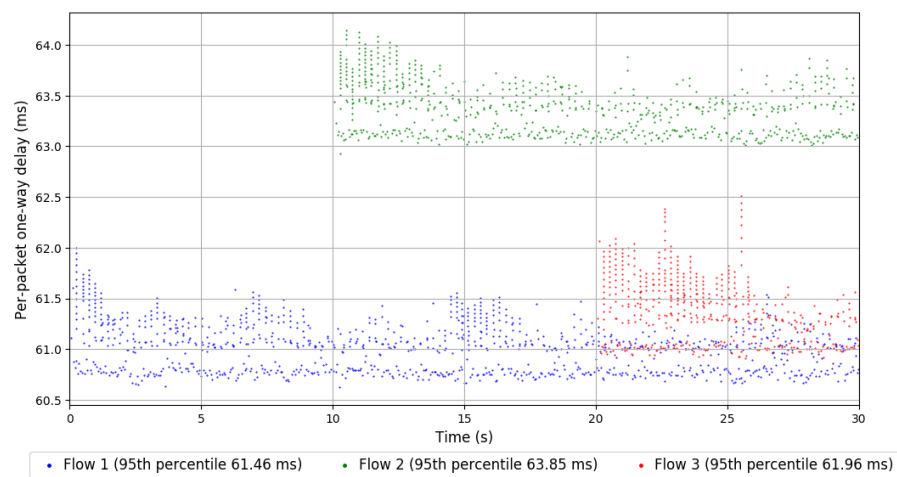
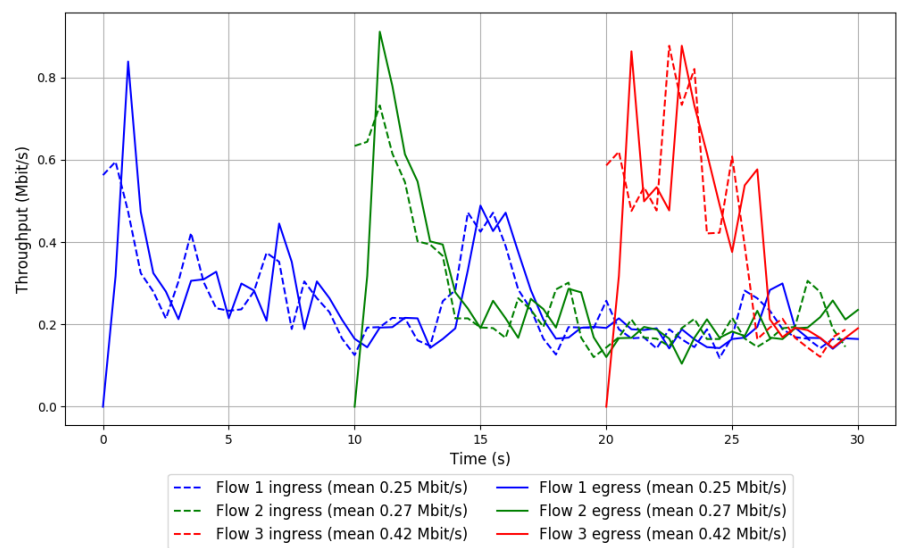


Run 5: Statistics of Sprout

Start at: 2018-08-22 04:53:56
End at: 2018-08-22 04:54:26
Local clock offset: -0.761 ms
Remote clock offset: -37.532 ms

Below is generated by plot.py at 2018-08-22 07:59:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 63.654 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 61.458 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 63.853 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 61.964 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

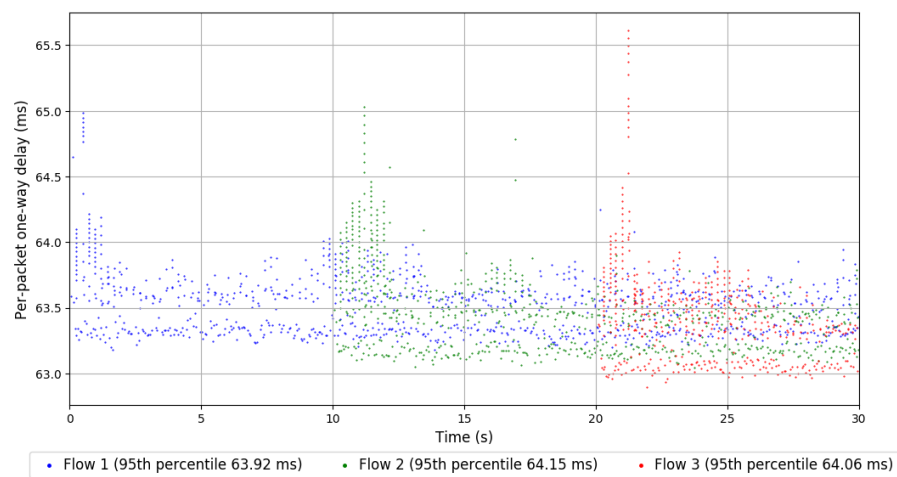
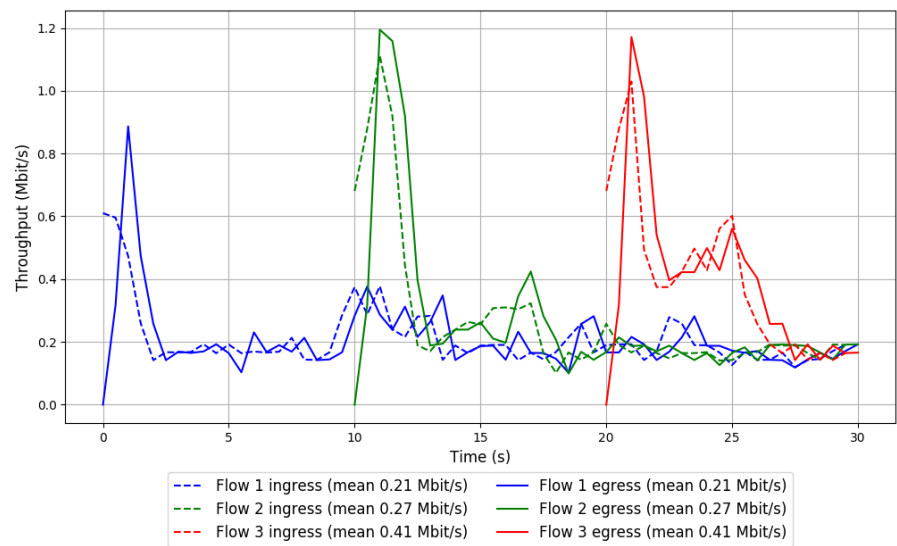


Run 6: Statistics of Sprout

Start at: 2018-08-22 05:18:37
End at: 2018-08-22 05:19:08
Local clock offset: 0.241 ms
Remote clock offset: -34.442 ms

Below is generated by plot.py at 2018-08-22 07:59:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 64.030 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 63.922 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 64.150 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 64.062 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

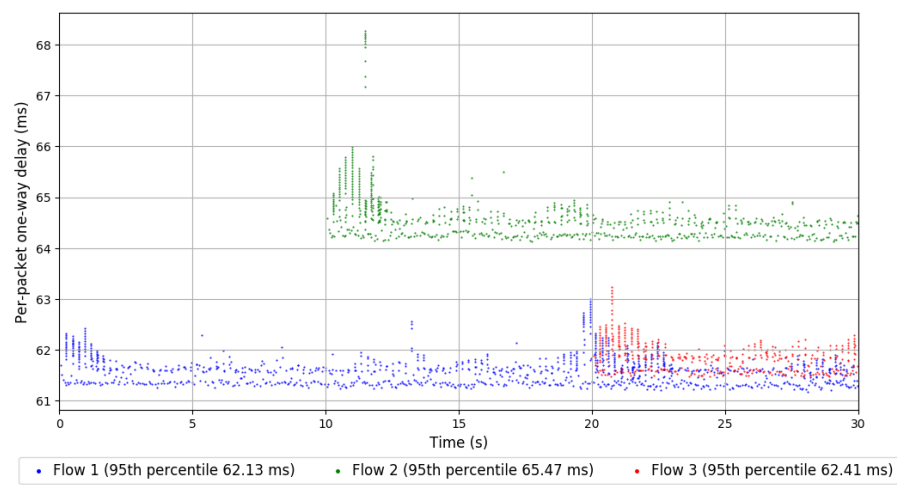
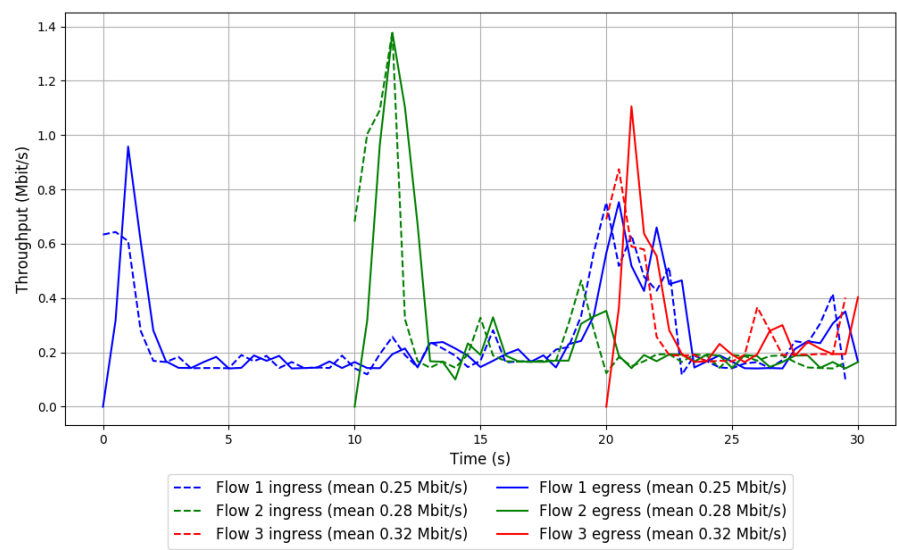


Run 7: Statistics of Sprout

Start at: 2018-08-22 05:43:22
End at: 2018-08-22 05:43:52
Local clock offset: 1.948 ms
Remote clock offset: -34.719 ms

Below is generated by plot.py at 2018-08-22 07:59:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 64.911 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 62.129 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 65.470 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 62.409 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

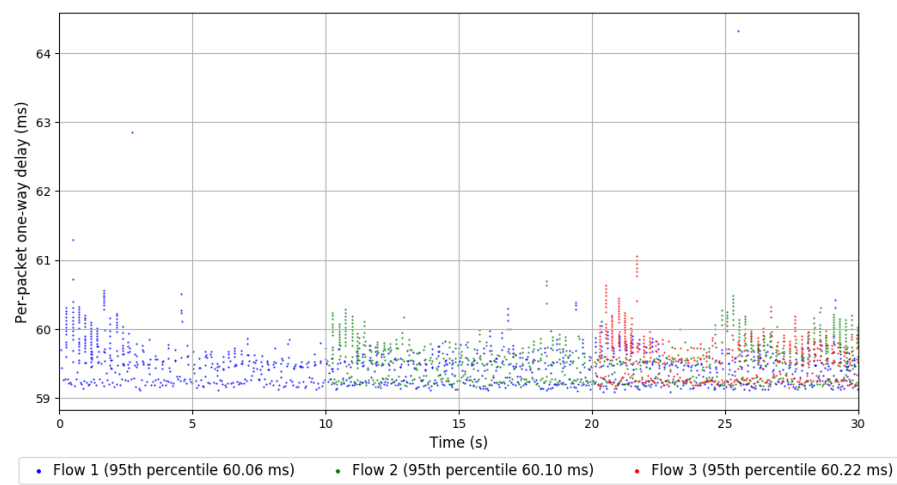
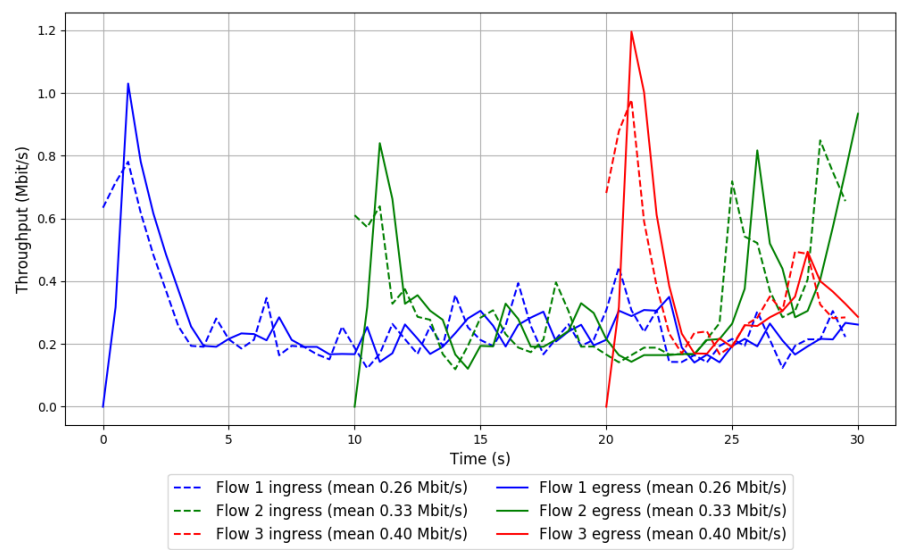


Run 8: Statistics of Sprout

Start at: 2018-08-22 06:07:56
End at: 2018-08-22 06:08:26
Local clock offset: 0.424 ms
Remote clock offset: -38.744 ms

```
# Below is generated by plot.py at 2018-08-22 07:59:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 60.113 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 60.057 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 60.102 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 60.222 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

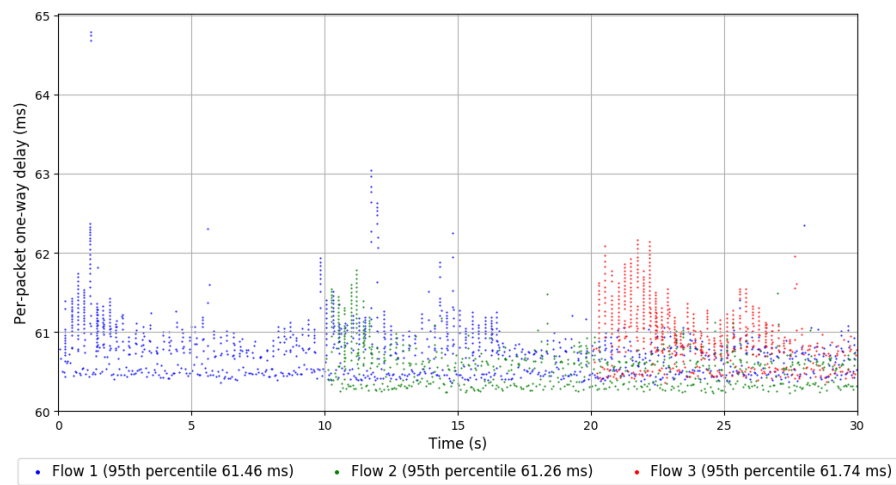
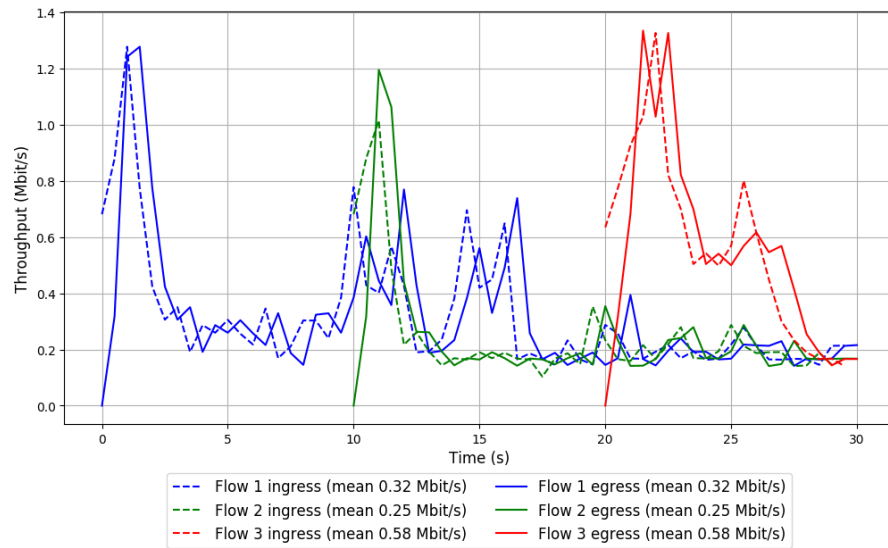


Run 9: Statistics of Sprout

Start at: 2018-08-22 06:38:11
End at: 2018-08-22 06:38:41
Local clock offset: 2.201 ms
Remote clock offset: -35.53 ms

Below is generated by plot.py at 2018-08-22 07:59:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 61.528 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 61.462 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 61.255 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 61.738 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

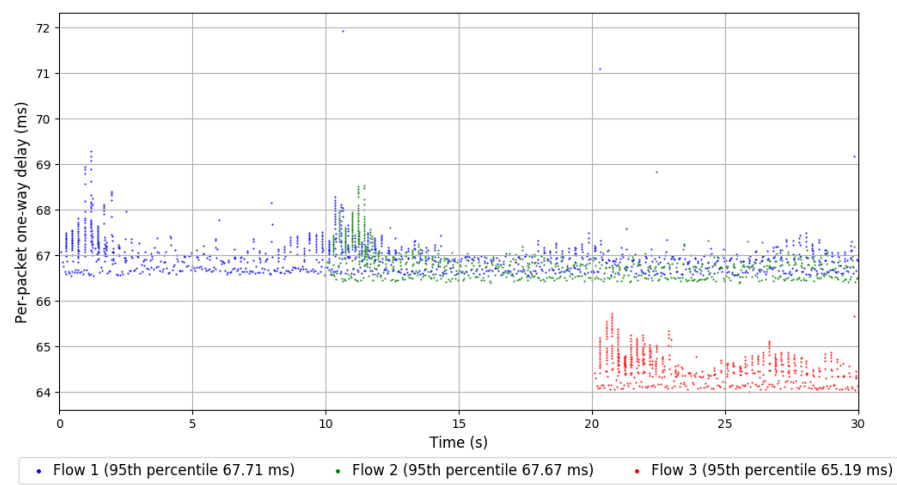
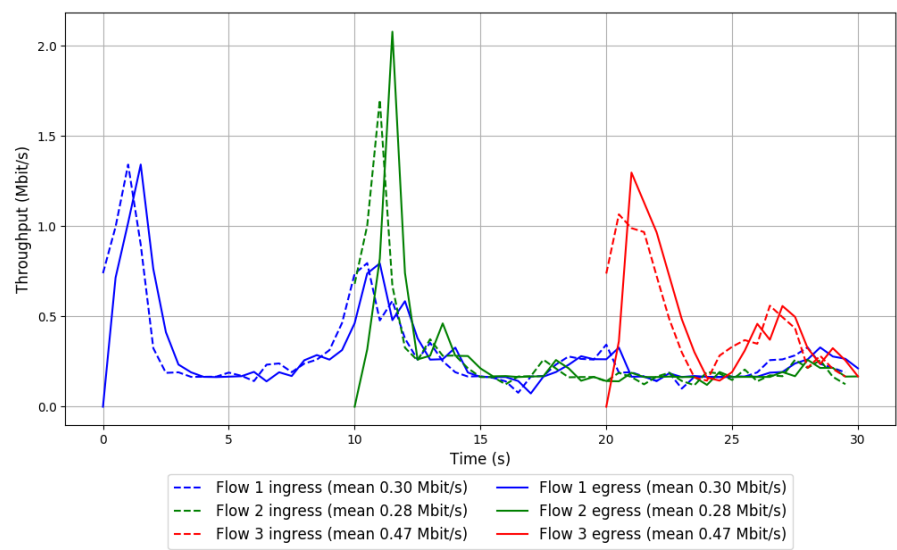


Run 10: Statistics of Sprout

Start at: 2018-08-22 07:02:45
End at: 2018-08-22 07:03:15
Local clock offset: 0.685 ms
Remote clock offset: -33.046 ms

Below is generated by plot.py at 2018-08-22 07:59:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 67.582 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 67.706 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 67.673 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 65.192 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

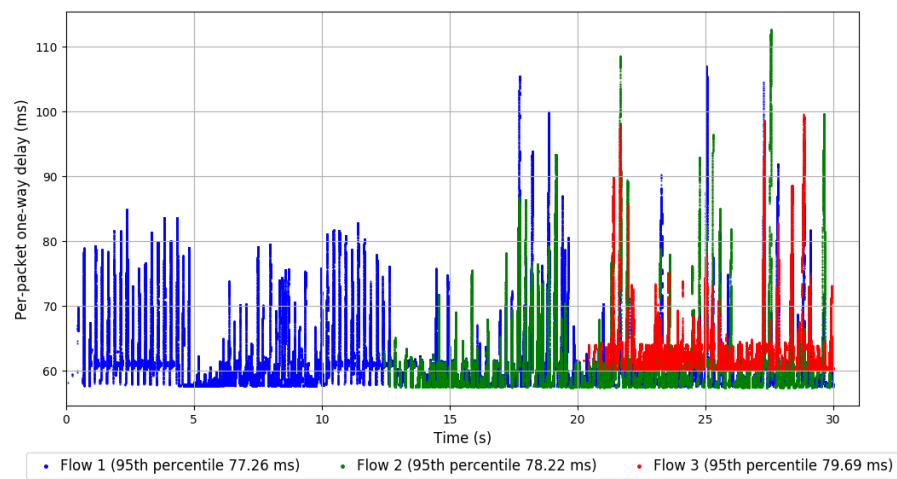
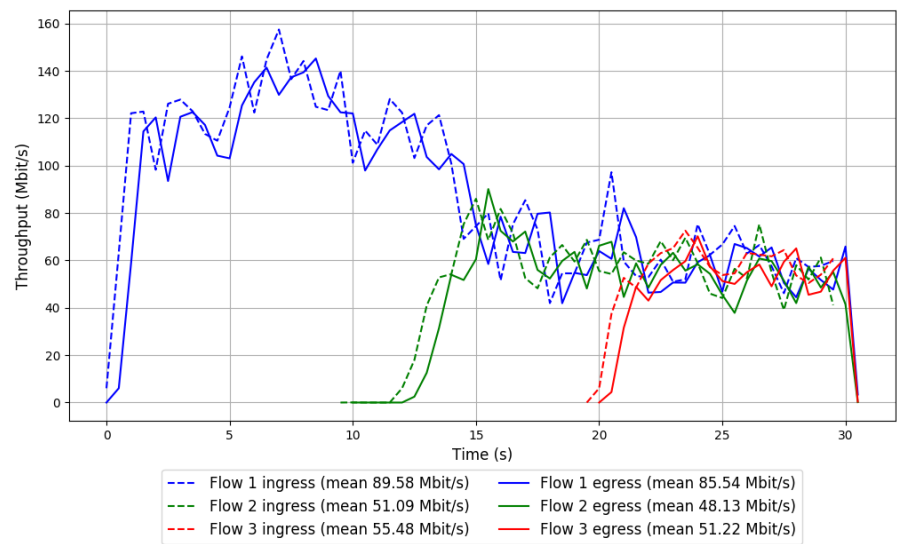


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-08-22 02:40:21
End at: 2018-08-22 02:40:51
Local clock offset: 2.261 ms
Remote clock offset: -38.953 ms

# Below is generated by plot.py at 2018-08-22 08:01:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 134.67 Mbit/s
95th percentile per-packet one-way delay: 77.573 ms
Loss rate: 5.23%
-- Flow 1:
Average throughput: 85.54 Mbit/s
95th percentile per-packet one-way delay: 77.259 ms
Loss rate: 4.50%
-- Flow 2:
Average throughput: 48.13 Mbit/s
95th percentile per-packet one-way delay: 78.224 ms
Loss rate: 5.81%
-- Flow 3:
Average throughput: 51.22 Mbit/s
95th percentile per-packet one-way delay: 79.691 ms
Loss rate: 7.69%
```


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

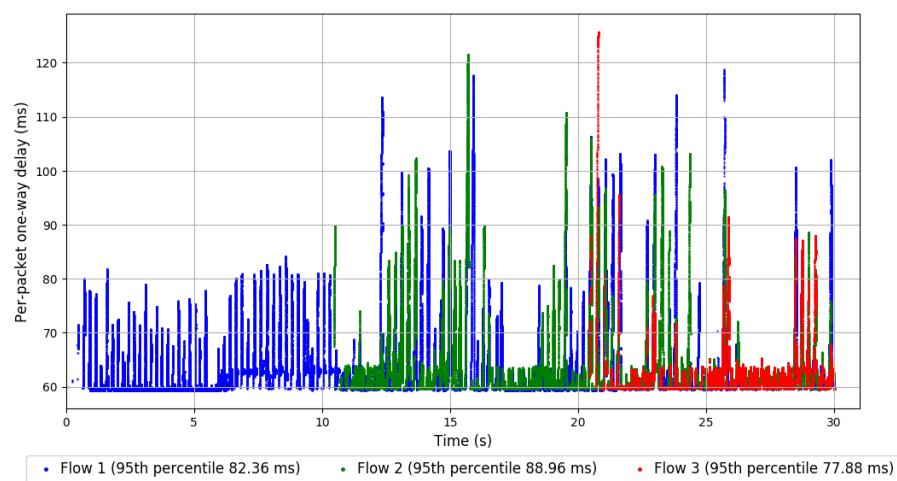
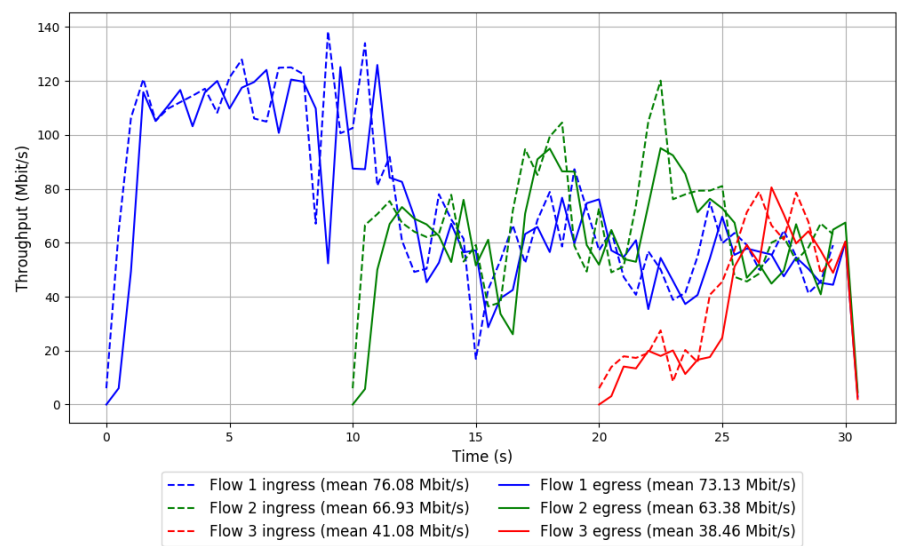


Run 2: Statistics of TaoVA-100x

Start at: 2018-08-22 03:16:02
End at: 2018-08-22 03:16:32
Local clock offset: 0.945 ms
Remote clock offset: -35.79 ms

Below is generated by plot.py at 2018-08-22 08:01:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 128.02 Mbit/s
95th percentile per-packet one-way delay: 84.711 ms
Loss rate: 4.60%
-- Flow 1:
Average throughput: 73.13 Mbit/s
95th percentile per-packet one-way delay: 82.360 ms
Loss rate: 3.87%
-- Flow 2:
Average throughput: 63.38 Mbit/s
95th percentile per-packet one-way delay: 88.960 ms
Loss rate: 5.31%
-- Flow 3:
Average throughput: 38.46 Mbit/s
95th percentile per-packet one-way delay: 77.880 ms
Loss rate: 6.38%

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

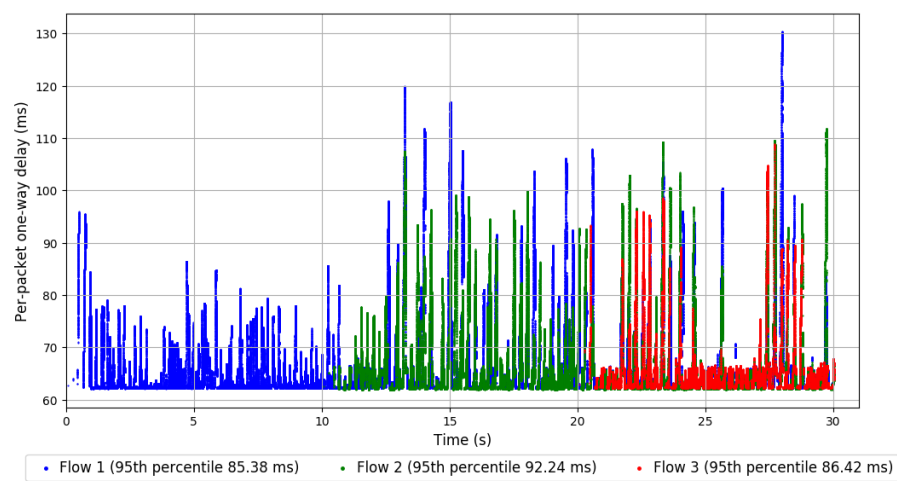
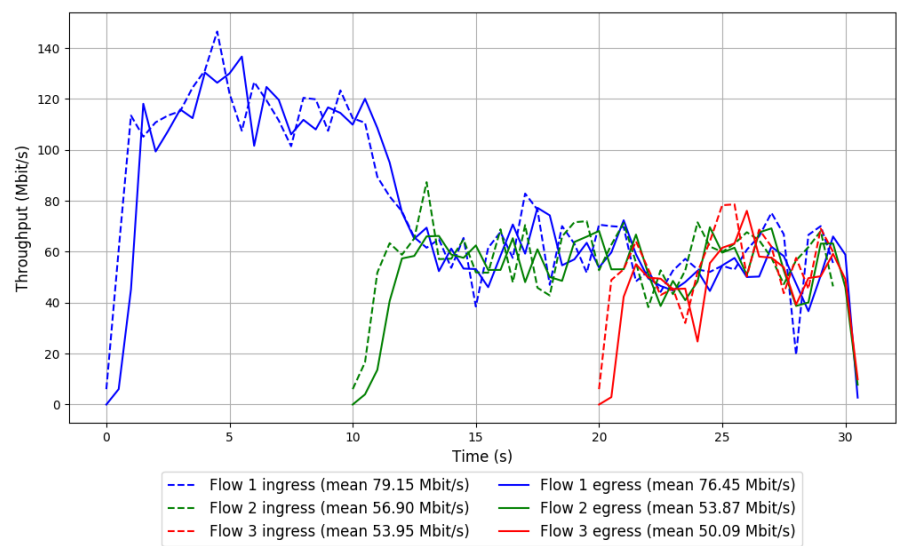


Run 3: Statistics of TaoVA-100x

Start at: 2018-08-22 03:46:21
End at: 2018-08-22 03:46:51
Local clock offset: 0.869 ms
Remote clock offset: -34.838 ms

Below is generated by plot.py at 2018-08-22 08:01:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 128.93 Mbit/s
95th percentile per-packet one-way delay: 88.344 ms
Loss rate: 4.44%
-- Flow 1:
Average throughput: 76.45 Mbit/s
95th percentile per-packet one-way delay: 85.378 ms
Loss rate: 3.40%
-- Flow 2:
Average throughput: 53.87 Mbit/s
95th percentile per-packet one-way delay: 92.244 ms
Loss rate: 5.32%
-- Flow 3:
Average throughput: 50.09 Mbit/s
95th percentile per-packet one-way delay: 86.419 ms
Loss rate: 7.14%

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

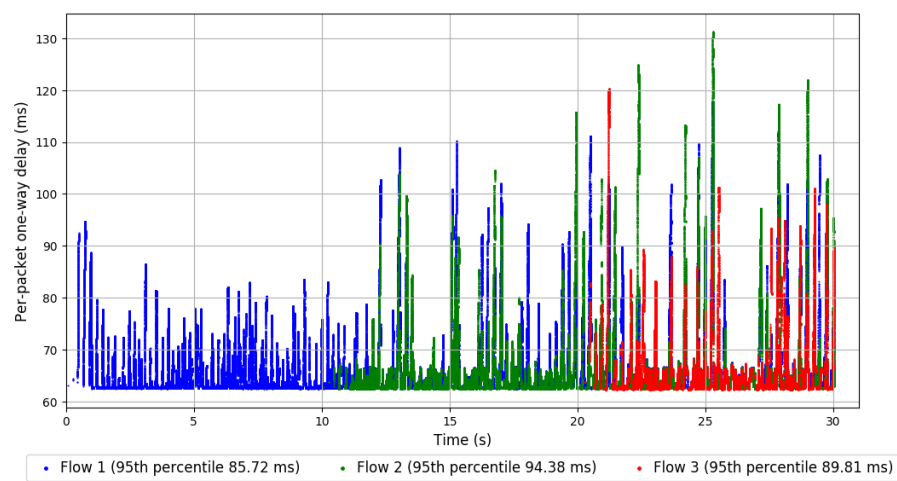
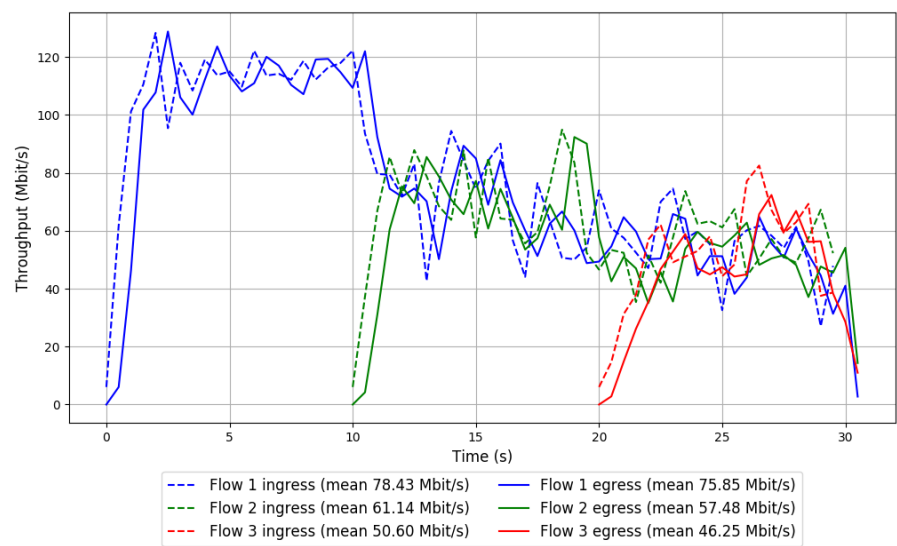


Run 4: Statistics of TaoVA-100x

Start at: 2018-08-22 04:22:07
End at: 2018-08-22 04:22:37
Local clock offset: -0.519 ms
Remote clock offset: -35.918 ms

Below is generated by plot.py at 2018-08-22 08:01:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 129.50 Mbit/s
95th percentile per-packet one-way delay: 89.024 ms
Loss rate: 4.74%
-- Flow 1:
Average throughput: 75.85 Mbit/s
95th percentile per-packet one-way delay: 85.724 ms
Loss rate: 3.29%
-- Flow 2:
Average throughput: 57.48 Mbit/s
95th percentile per-packet one-way delay: 94.378 ms
Loss rate: 5.97%
-- Flow 3:
Average throughput: 46.25 Mbit/s
95th percentile per-packet one-way delay: 89.813 ms
Loss rate: 8.56%

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

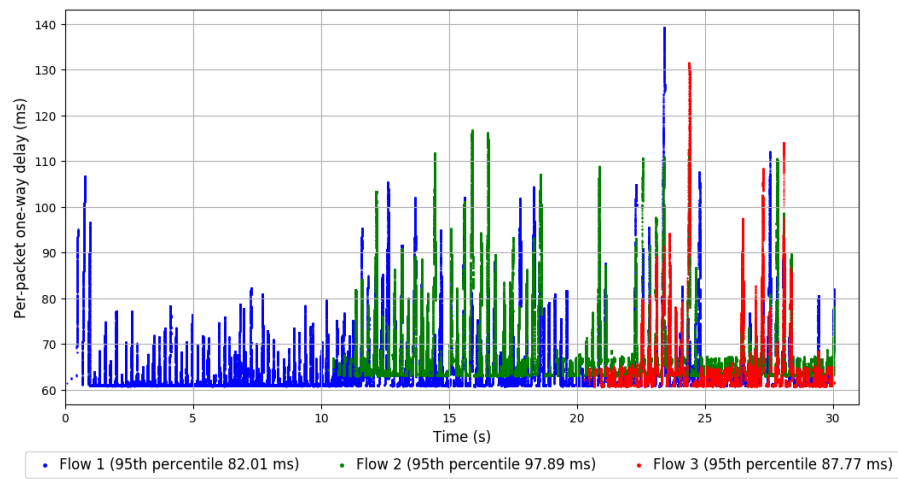
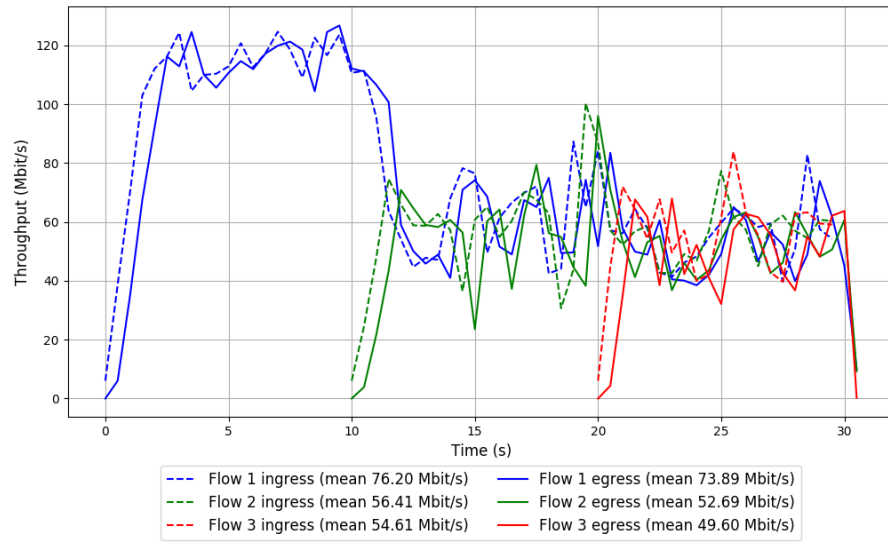


Run 5: Statistics of TaoVA-100x

Start at: 2018-08-22 04:47:04
End at: 2018-08-22 04:47:34
Local clock offset: 2.443 ms
Remote clock offset: -34.335 ms

Below is generated by plot.py at 2018-08-22 08:01:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 125.47 Mbit/s
95th percentile per-packet one-way delay: 88.944 ms
Loss rate: 4.89%
-- Flow 1:
Average throughput: 73.89 Mbit/s
95th percentile per-packet one-way delay: 82.011 ms
Loss rate: 3.03%
-- Flow 2:
Average throughput: 52.69 Mbit/s
95th percentile per-packet one-way delay: 97.892 ms
Loss rate: 6.58%
-- Flow 3:
Average throughput: 49.60 Mbit/s
95th percentile per-packet one-way delay: 87.765 ms
Loss rate: 9.20%

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

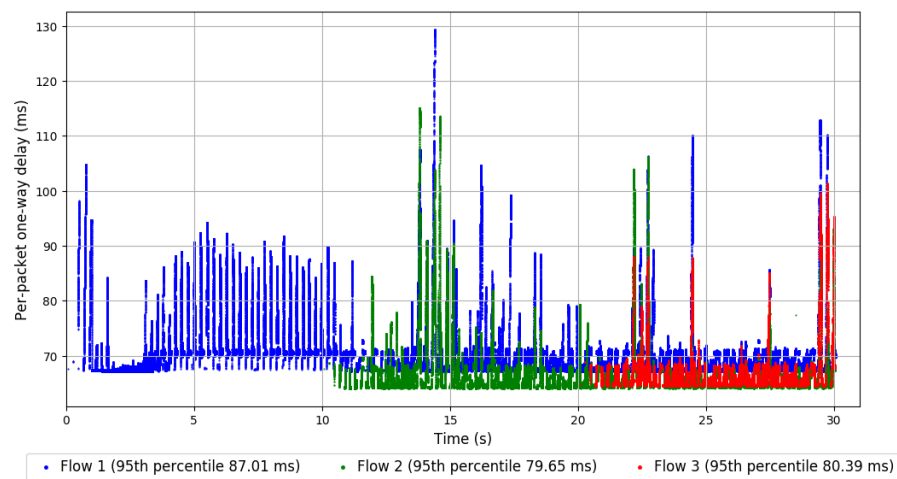
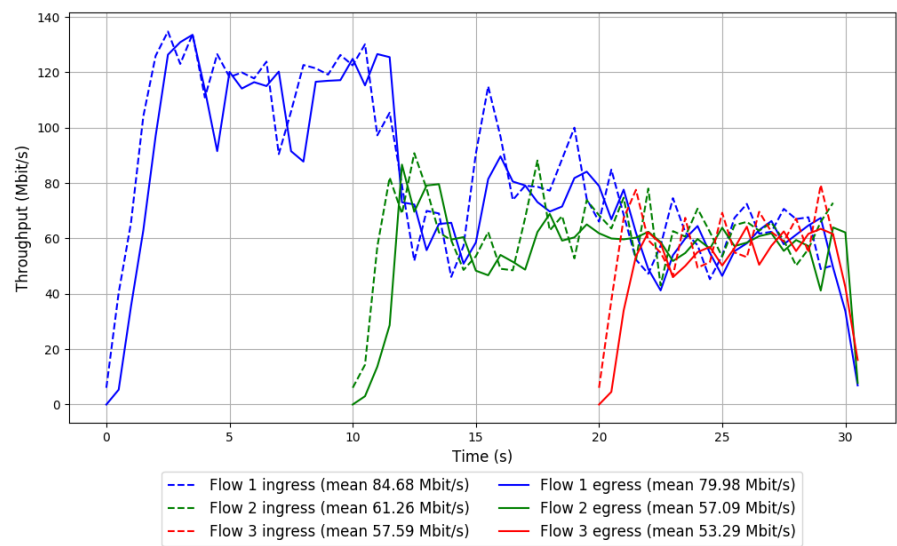


Run 6: Statistics of TaoVA-100x

Start at: 2018-08-22 05:11:45
End at: 2018-08-22 05:12:15
Local clock offset: 0.67 ms
Remote clock offset: -32.555 ms

Below is generated by plot.py at 2018-08-22 08:02:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 135.73 Mbit/s
95th percentile per-packet one-way delay: 85.831 ms
Loss rate: 6.15%
-- Flow 1:
Average throughput: 79.98 Mbit/s
95th percentile per-packet one-way delay: 87.010 ms
Loss rate: 5.54%
-- Flow 2:
Average throughput: 57.09 Mbit/s
95th percentile per-packet one-way delay: 79.654 ms
Loss rate: 6.81%
-- Flow 3:
Average throughput: 53.29 Mbit/s
95th percentile per-packet one-way delay: 80.385 ms
Loss rate: 7.44%

Run 6: Report of TaoVA-100x — Data Link

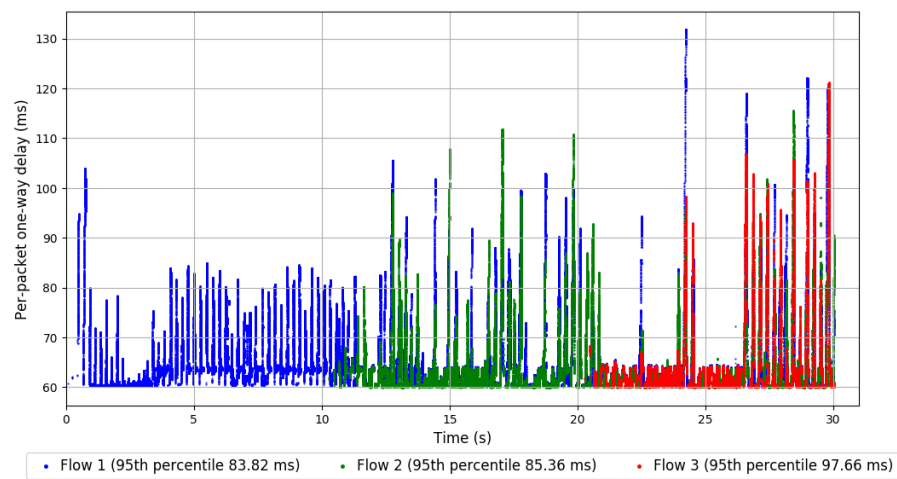
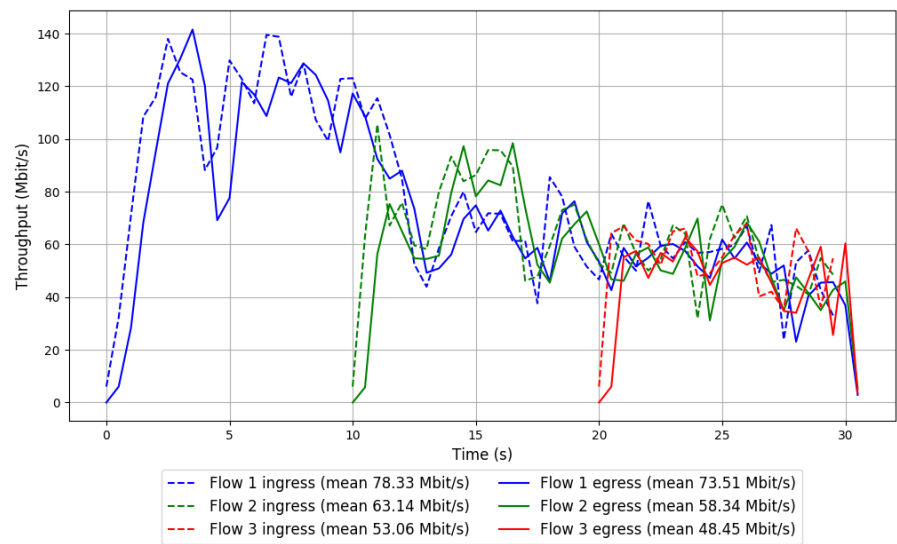


Run 7: Statistics of TaoVA-100x

Start at: 2018-08-22 05:36:30
End at: 2018-08-22 05:37:00
Local clock offset: 3.377 ms
Remote clock offset: -34.919 ms

Below is generated by plot.py at 2018-08-22 08:02:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 128.47 Mbit/s
95th percentile per-packet one-way delay: 86.594 ms
Loss rate: 6.90%
-- Flow 1:
Average throughput: 73.51 Mbit/s
95th percentile per-packet one-way delay: 83.821 ms
Loss rate: 6.13%
-- Flow 2:
Average throughput: 58.34 Mbit/s
95th percentile per-packet one-way delay: 85.362 ms
Loss rate: 7.59%
-- Flow 3:
Average throughput: 48.45 Mbit/s
95th percentile per-packet one-way delay: 97.658 ms
Loss rate: 8.69%

Run 7: Report of TaoVA-100x — Data Link

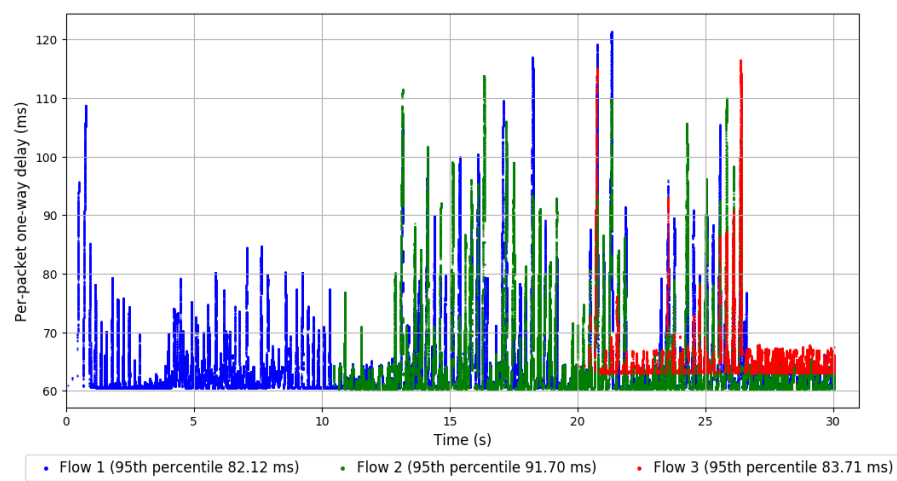
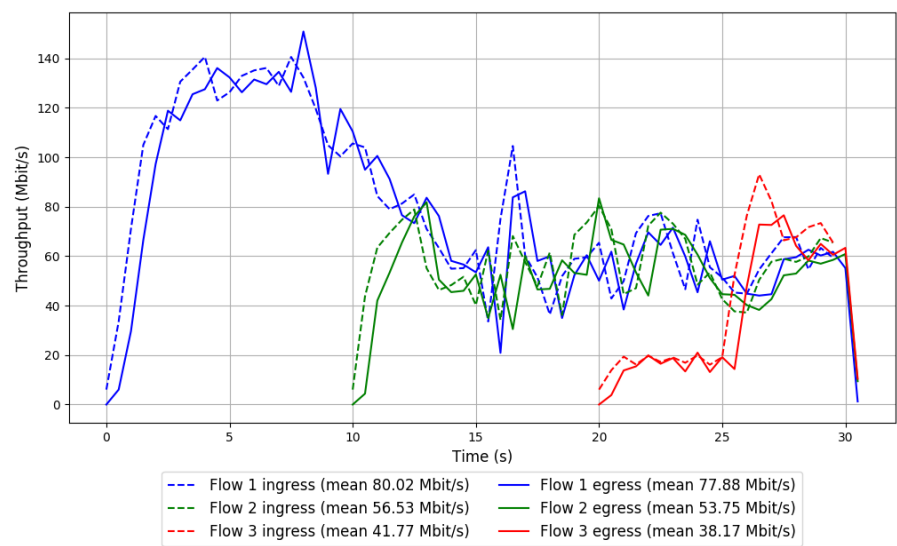


Run 8: Statistics of TaoVA-100x

Start at: 2018-08-22 06:01:06
End at: 2018-08-22 06:01:36
Local clock offset: 1.134 ms
Remote clock offset: -36.703 ms

Below is generated by plot.py at 2018-08-22 08:02:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 126.36 Mbit/s
95th percentile per-packet one-way delay: 85.878 ms
Loss rate: 3.93%
-- Flow 1:
Average throughput: 77.88 Mbit/s
95th percentile per-packet one-way delay: 82.120 ms
Loss rate: 2.66%
-- Flow 2:
Average throughput: 53.75 Mbit/s
95th percentile per-packet one-way delay: 91.702 ms
Loss rate: 4.91%
-- Flow 3:
Average throughput: 38.17 Mbit/s
95th percentile per-packet one-way delay: 83.709 ms
Loss rate: 8.59%

Run 8: Report of TaoVA-100x — Data Link

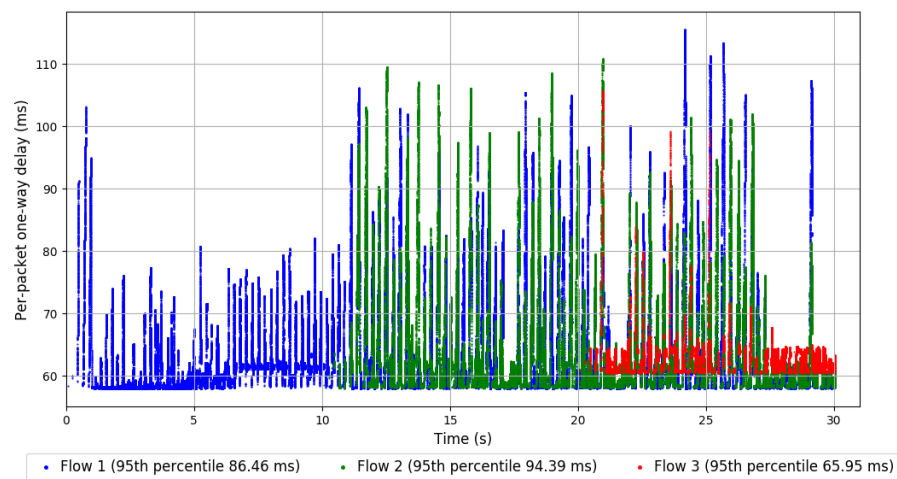
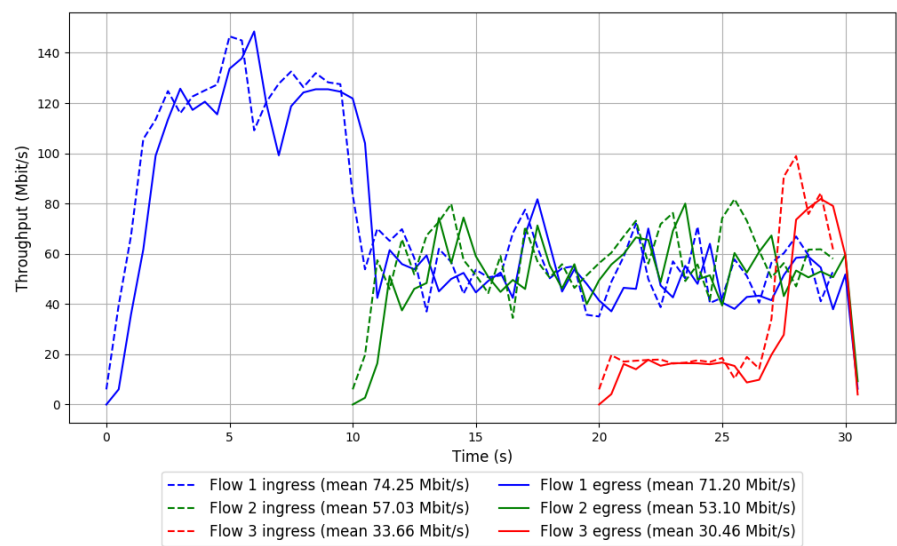


Run 9: Statistics of TaoVA-100x

Start at: 2018-08-22 06:31:22
End at: 2018-08-22 06:31:52
Local clock offset: 3.052 ms
Remote clock offset: -37.111 ms

Below is generated by plot.py at 2018-08-22 08:03:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 116.70 Mbit/s
95th percentile per-packet one-way delay: 89.309 ms
Loss rate: 5.44%
-- Flow 1:
Average throughput: 71.20 Mbit/s
95th percentile per-packet one-way delay: 86.464 ms
Loss rate: 4.10%
-- Flow 2:
Average throughput: 53.10 Mbit/s
95th percentile per-packet one-way delay: 94.393 ms
Loss rate: 6.87%
-- Flow 3:
Average throughput: 30.46 Mbit/s
95th percentile per-packet one-way delay: 65.954 ms
Loss rate: 9.47%

Run 9: Report of TaoVA-100x — Data Link

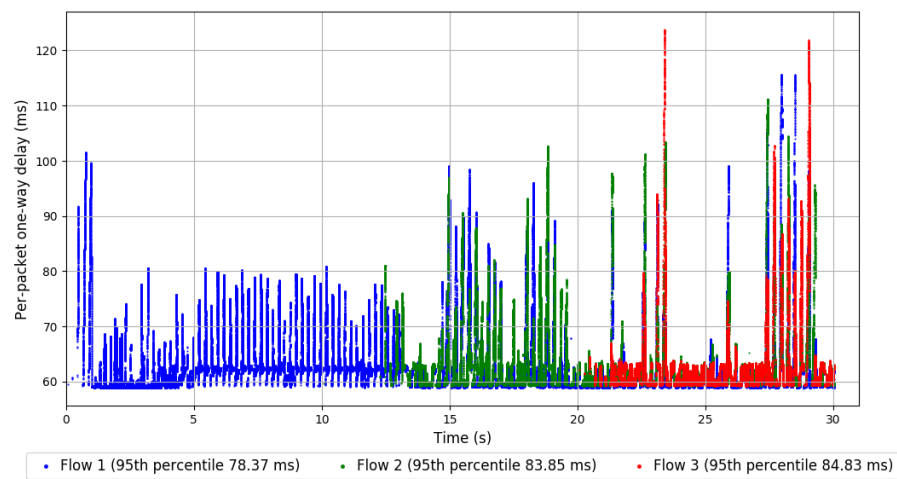
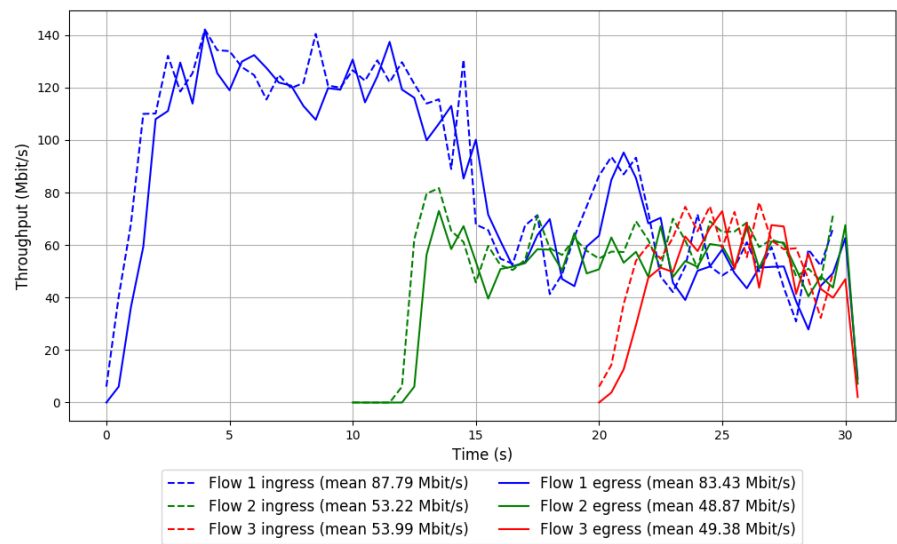


Run 10: Statistics of TaoVA-100x

Start at: 2018-08-22 06:55:55
End at: 2018-08-22 06:56:25
Local clock offset: -0.204 ms
Remote clock offset: -38.938 ms

Below is generated by plot.py at 2018-08-22 08:04:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 132.38 Mbit/s
95th percentile per-packet one-way delay: 79.977 ms
Loss rate: 6.22%
-- Flow 1:
Average throughput: 83.43 Mbit/s
95th percentile per-packet one-way delay: 78.369 ms
Loss rate: 4.96%
-- Flow 2:
Average throughput: 48.87 Mbit/s
95th percentile per-packet one-way delay: 83.853 ms
Loss rate: 8.17%
-- Flow 3:
Average throughput: 49.38 Mbit/s
95th percentile per-packet one-way delay: 84.829 ms
Loss rate: 8.54%

Run 10: Report of TaoVA-100x — Data Link

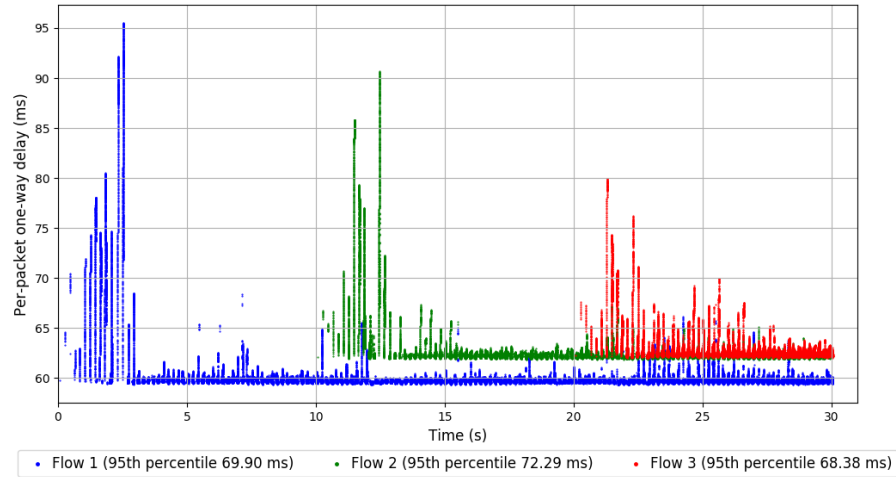
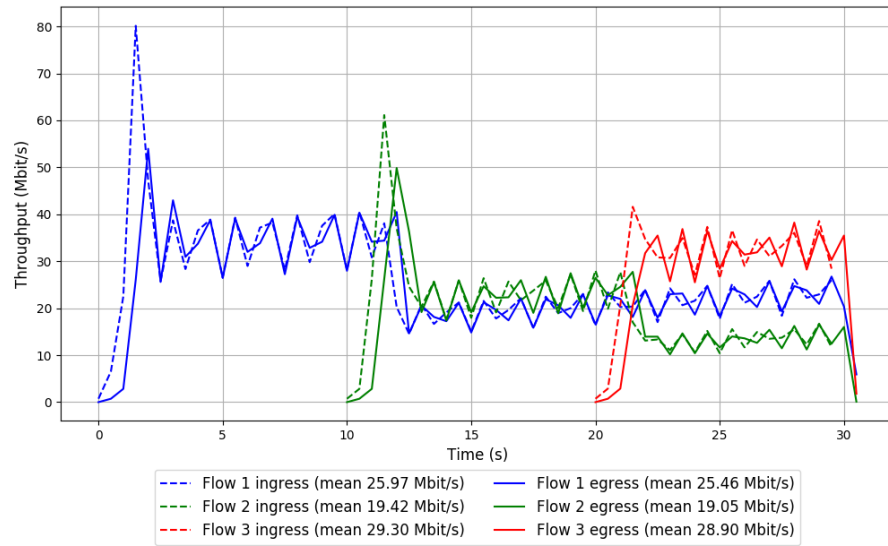


Run 1: Statistics of TCP Vegas

Start at: 2018-08-22 02:44:37
End at: 2018-08-22 02:45:07
Local clock offset: 0.144 ms
Remote clock offset: -38.386 ms

Below is generated by plot.py at 2018-08-22 08:04:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.75 Mbit/s
95th percentile per-packet one-way delay: 70.176 ms
Loss rate: 1.83%
-- Flow 1:
Average throughput: 25.46 Mbit/s
95th percentile per-packet one-way delay: 69.903 ms
Loss rate: 1.98%
-- Flow 2:
Average throughput: 19.05 Mbit/s
95th percentile per-packet one-way delay: 72.289 ms
Loss rate: 1.87%
-- Flow 3:
Average throughput: 28.90 Mbit/s
95th percentile per-packet one-way delay: 68.376 ms
Loss rate: 1.36%

Run 1: Report of TCP Vegas — Data Link

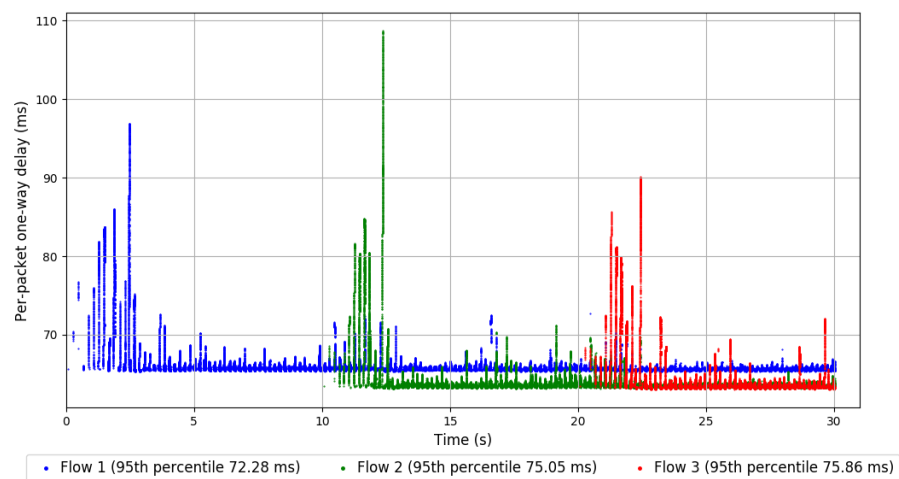
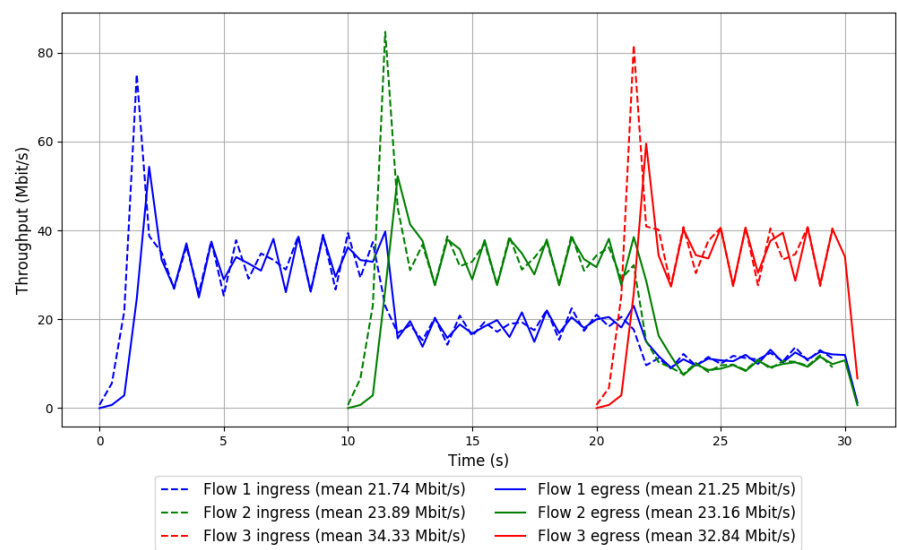


Run 2: Statistics of TCP Vegas

Start at: 2018-08-22 03:20:25
End at: 2018-08-22 03:20:55
Local clock offset: -0.922 ms
Remote clock offset: -34.055 ms

Below is generated by plot.py at 2018-08-22 08:04:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.57 Mbit/s
95th percentile per-packet one-way delay: 74.495 ms
Loss rate: 2.99%
-- Flow 1:
Average throughput: 21.25 Mbit/s
95th percentile per-packet one-way delay: 72.279 ms
Loss rate: 2.25%
-- Flow 2:
Average throughput: 23.16 Mbit/s
95th percentile per-packet one-way delay: 75.046 ms
Loss rate: 3.05%
-- Flow 3:
Average throughput: 32.84 Mbit/s
95th percentile per-packet one-way delay: 75.859 ms
Loss rate: 4.34%

Run 2: Report of TCP Vegas — Data Link

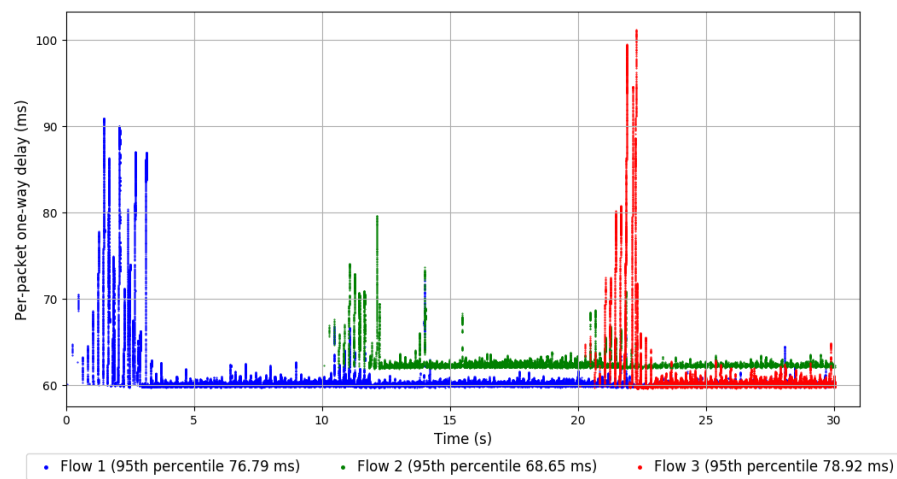
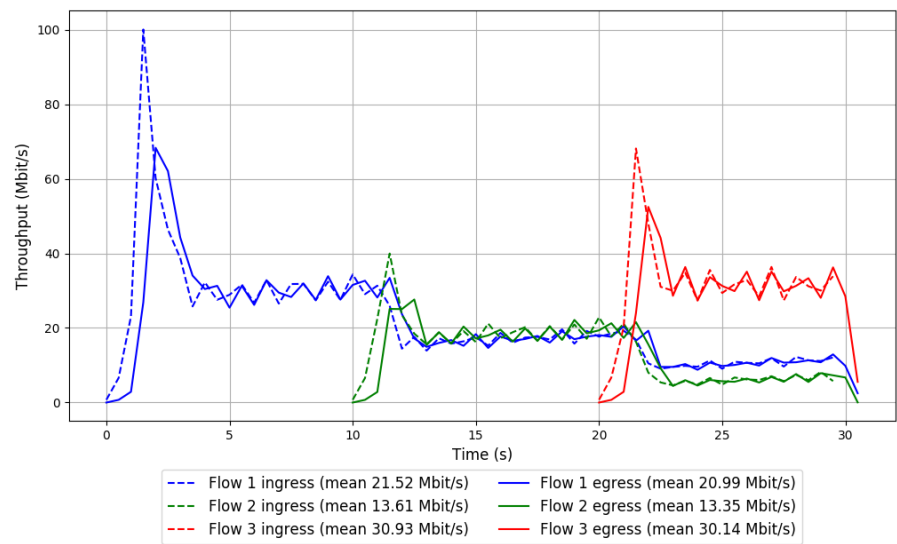


Run 3: Statistics of TCP Vegas

Start at: 2018-08-22 03:56:07
End at: 2018-08-22 03:56:37
Local clock offset: -0.02 ms
Remote clock offset: -38.843 ms

Below is generated by plot.py at 2018-08-22 08:04:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 39.91 Mbit/s
95th percentile per-packet one-way delay: 75.728 ms
Loss rate: 2.36%
-- Flow 1:
Average throughput: 20.99 Mbit/s
95th percentile per-packet one-way delay: 76.788 ms
Loss rate: 2.45%
-- Flow 2:
Average throughput: 13.35 Mbit/s
95th percentile per-packet one-way delay: 68.650 ms
Loss rate: 1.97%
-- Flow 3:
Average throughput: 30.14 Mbit/s
95th percentile per-packet one-way delay: 78.921 ms
Loss rate: 2.53%

Run 3: Report of TCP Vegas — Data Link

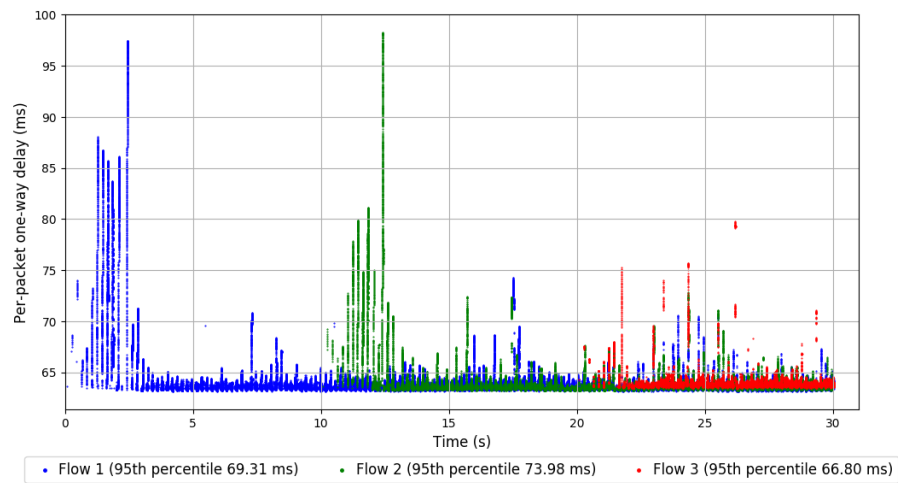
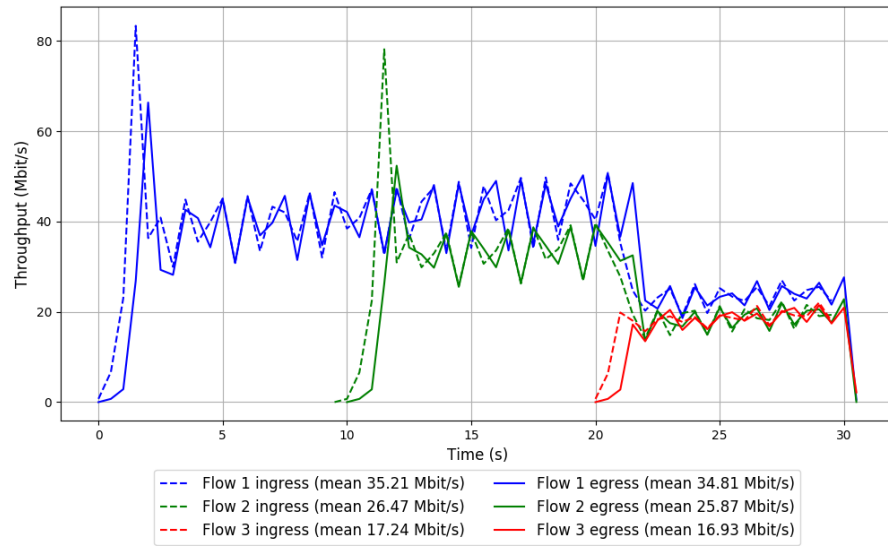


Run 4: Statistics of TCP Vegas

Start at: 2018-08-22 04:26:22
End at: 2018-08-22 04:26:52
Local clock offset: 0.562 ms
Remote clock offset: -33.856 ms

Below is generated by plot.py at 2018-08-22 08:04:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 57.65 Mbit/s
95th percentile per-packet one-way delay: 70.587 ms
Loss rate: 1.55%
-- Flow 1:
Average throughput: 34.81 Mbit/s
95th percentile per-packet one-way delay: 69.312 ms
Loss rate: 1.15%
-- Flow 2:
Average throughput: 25.87 Mbit/s
95th percentile per-packet one-way delay: 73.984 ms
Loss rate: 2.28%
-- Flow 3:
Average throughput: 16.93 Mbit/s
95th percentile per-packet one-way delay: 66.803 ms
Loss rate: 1.79%

Run 4: Report of TCP Vegas — Data Link

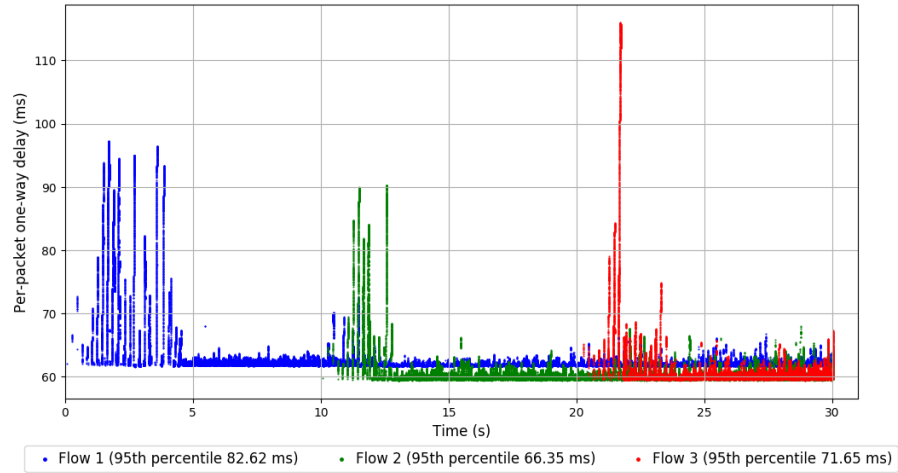
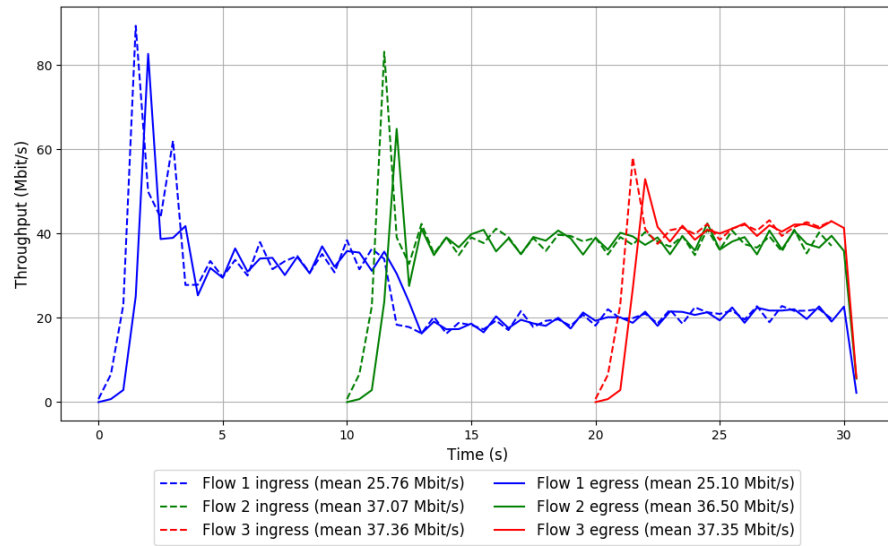


Run 5: Statistics of TCP Vegas

Start at: 2018-08-22 04:51:20
End at: 2018-08-22 04:51:50
Local clock offset: 0.349 ms
Remote clock offset: -37.83 ms

Below is generated by plot.py at 2018-08-22 08:04:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 61.84 Mbit/s
95th percentile per-packet one-way delay: 76.608 ms
Loss rate: 1.65%
-- Flow 1:
Average throughput: 25.10 Mbit/s
95th percentile per-packet one-way delay: 82.624 ms
Loss rate: 2.56%
-- Flow 2:
Average throughput: 36.50 Mbit/s
95th percentile per-packet one-way delay: 66.354 ms
Loss rate: 1.52%
-- Flow 3:
Average throughput: 37.35 Mbit/s
95th percentile per-packet one-way delay: 71.650 ms
Loss rate: 0.02%

Run 5: Report of TCP Vegas — Data Link

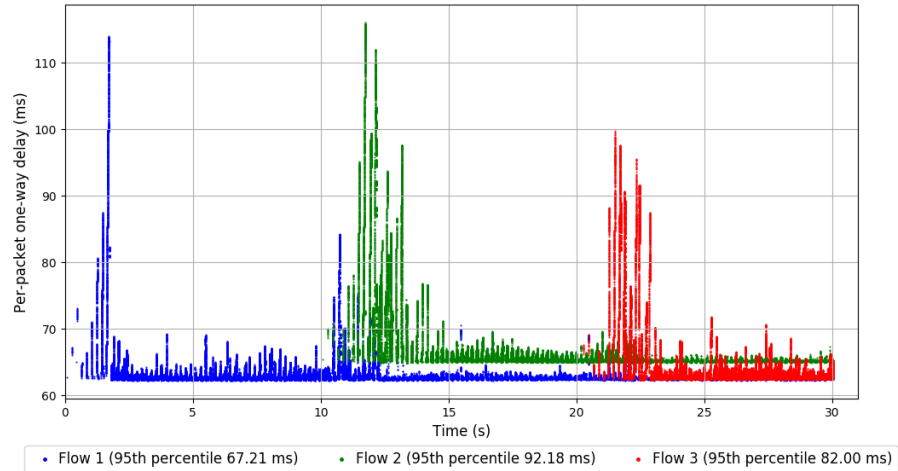
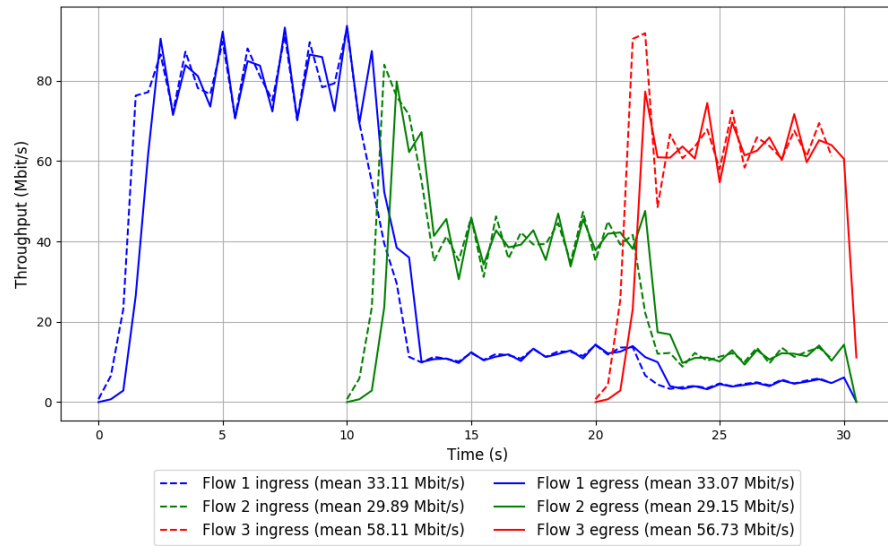


Run 6: Statistics of TCP Vegas

Start at: 2018-08-22 05:16:01
End at: 2018-08-22 05:16:31
Local clock offset: 1.92 ms
Remote clock offset: -33.396 ms

Below is generated by plot.py at 2018-08-22 08:04:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 71.29 Mbit/s
95th percentile per-packet one-way delay: 79.789 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 33.07 Mbit/s
95th percentile per-packet one-way delay: 67.206 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 29.15 Mbit/s
95th percentile per-packet one-way delay: 92.180 ms
Loss rate: 2.47%
-- Flow 3:
Average throughput: 56.73 Mbit/s
95th percentile per-packet one-way delay: 81.998 ms
Loss rate: 2.39%

Run 6: Report of TCP Vegas — Data Link

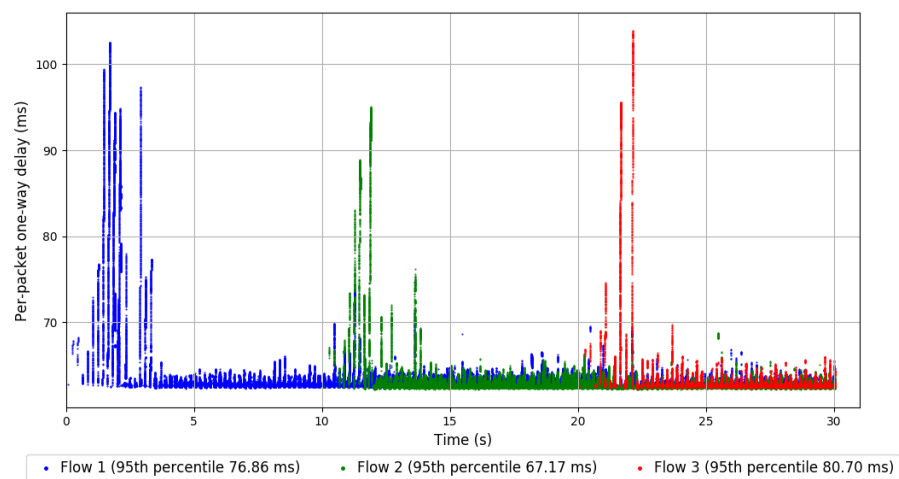
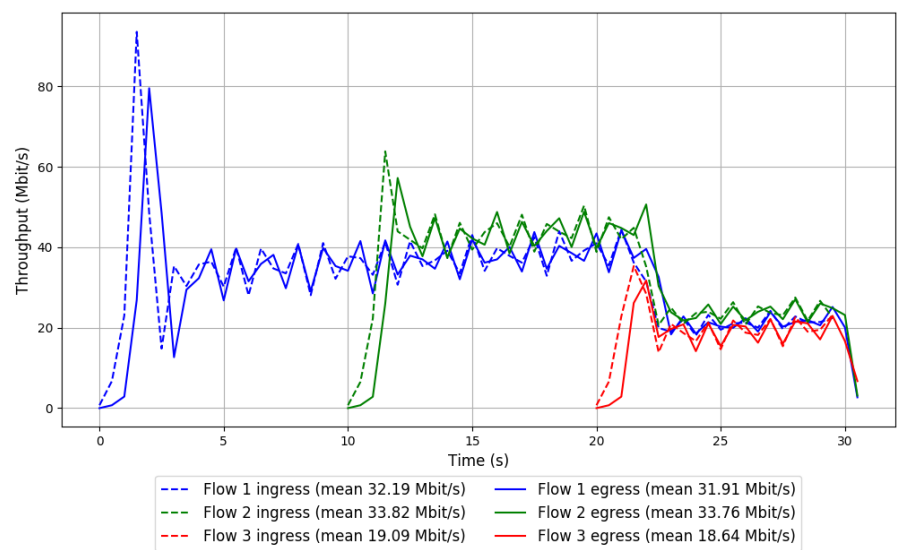


Run 7: Statistics of TCP Vegas

Start at: 2018-08-22 05:40:46
End at: 2018-08-22 05:41:16
Local clock offset: 2.325 ms
Remote clock offset: -33.627 ms

Below is generated by plot.py at 2018-08-22 08:04:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 60.60 Mbit/s
95th percentile per-packet one-way delay: 72.702 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 31.91 Mbit/s
95th percentile per-packet one-way delay: 76.860 ms
Loss rate: 0.85%
-- Flow 2:
Average throughput: 33.76 Mbit/s
95th percentile per-packet one-way delay: 67.175 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 18.64 Mbit/s
95th percentile per-packet one-way delay: 80.697 ms
Loss rate: 2.36%

Run 7: Report of TCP Vegas — Data Link

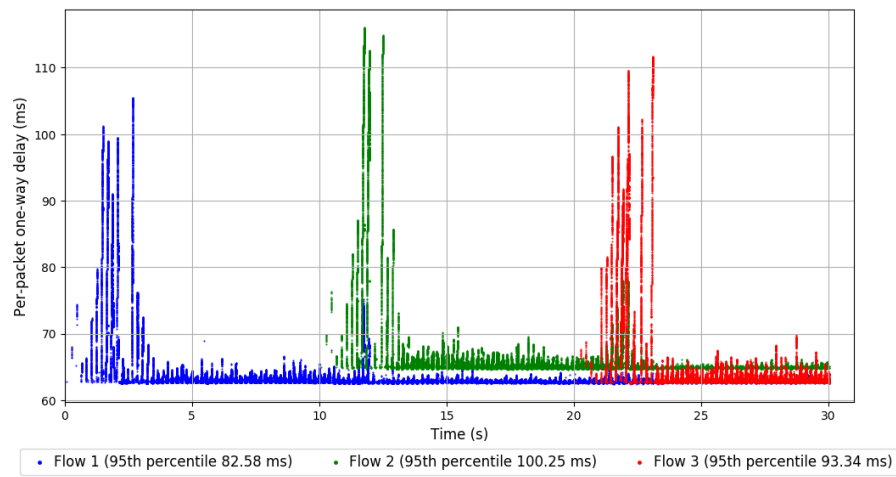
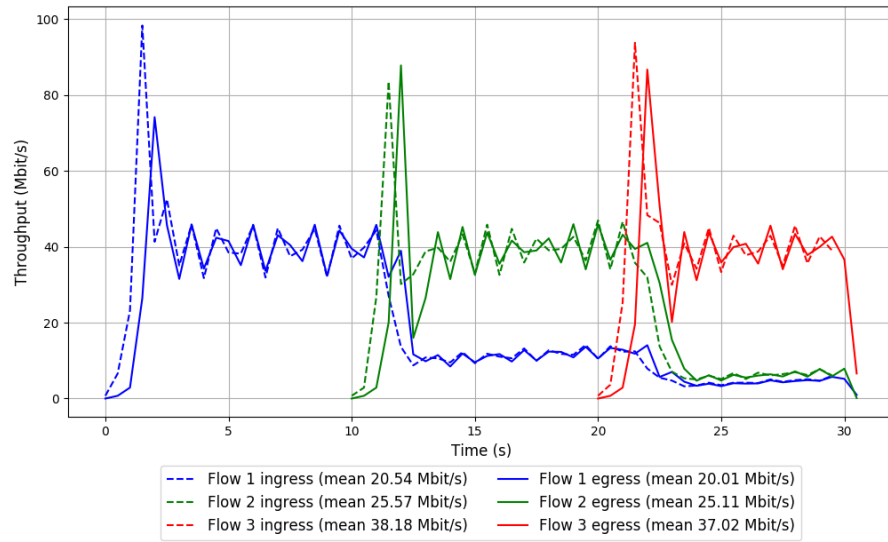


Run 8: Statistics of TCP Vegas

Start at: 2018-08-22 06:05:21
End at: 2018-08-22 06:05:51
Local clock offset: 1.849 ms
Remote clock offset: -34.179 ms

Below is generated by plot.py at 2018-08-22 08:04:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.04 Mbit/s
95th percentile per-packet one-way delay: 90.272 ms
Loss rate: 2.43%
-- Flow 1:
Average throughput: 20.01 Mbit/s
95th percentile per-packet one-way delay: 82.576 ms
Loss rate: 2.57%
-- Flow 2:
Average throughput: 25.11 Mbit/s
95th percentile per-packet one-way delay: 100.254 ms
Loss rate: 1.81%
-- Flow 3:
Average throughput: 37.02 Mbit/s
95th percentile per-packet one-way delay: 93.337 ms
Loss rate: 3.04%

Run 8: Report of TCP Vegas — Data Link

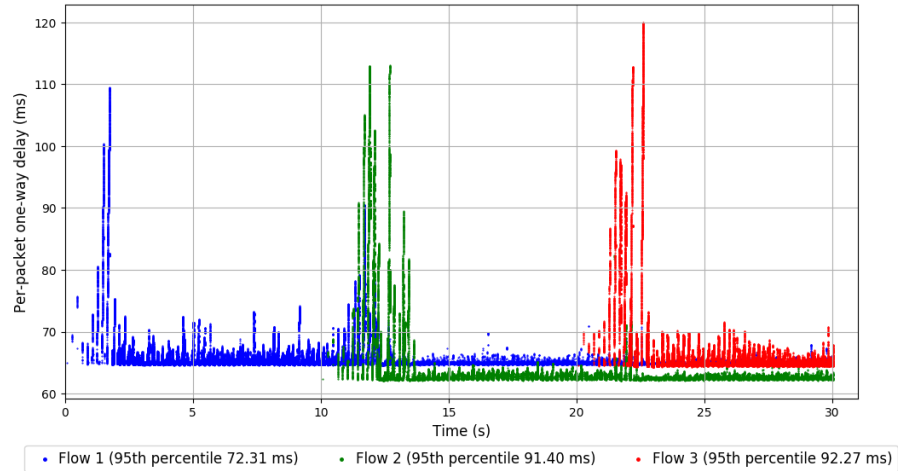
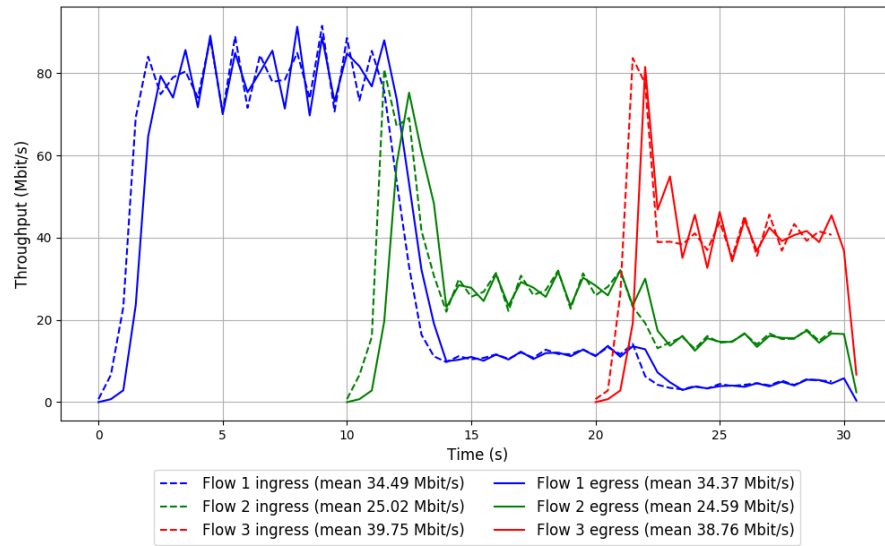


Run 9: Statistics of TCP Vegas

Start at: 2018-08-22 06:35:35
End at: 2018-08-22 06:36:05
Local clock offset: 1.675 ms
Remote clock offset: -34.443 ms

Below is generated by plot.py at 2018-08-22 08:04:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 63.61 Mbit/s
95th percentile per-packet one-way delay: 82.938 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 34.37 Mbit/s
95th percentile per-packet one-way delay: 72.311 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 24.59 Mbit/s
95th percentile per-packet one-way delay: 91.396 ms
Loss rate: 1.74%
-- Flow 3:
Average throughput: 38.76 Mbit/s
95th percentile per-packet one-way delay: 92.270 ms
Loss rate: 2.49%

Run 9: Report of TCP Vegas — Data Link

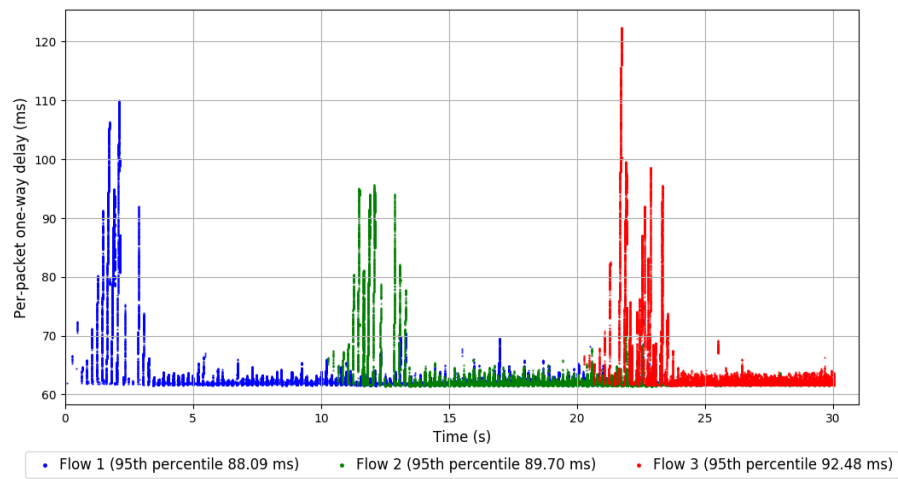
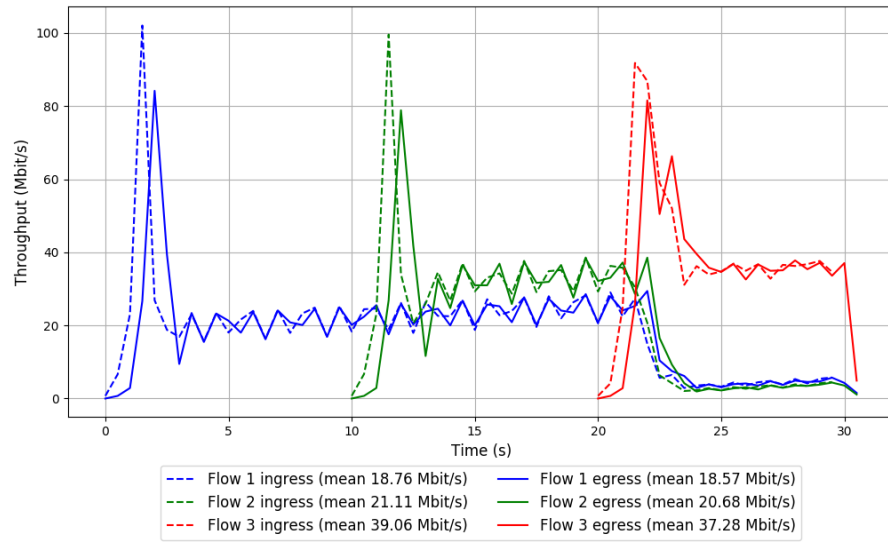


Run 10: Statistics of TCP Vegas

Start at: 2018-08-22 07:00:10
End at: 2018-08-22 07:00:40
Local clock offset: 0.545 ms
Remote clock offset: -35.926 ms

Below is generated by plot.py at 2018-08-22 08:04:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 44.73 Mbit/s
95th percentile per-packet one-way delay: 90.287 ms
Loss rate: 2.33%
-- Flow 1:
Average throughput: 18.57 Mbit/s
95th percentile per-packet one-way delay: 88.091 ms
Loss rate: 1.01%
-- Flow 2:
Average throughput: 20.68 Mbit/s
95th percentile per-packet one-way delay: 89.697 ms
Loss rate: 2.04%
-- Flow 3:
Average throughput: 37.28 Mbit/s
95th percentile per-packet one-way delay: 92.478 ms
Loss rate: 4.54%

Run 10: Report of TCP Vegas — Data Link

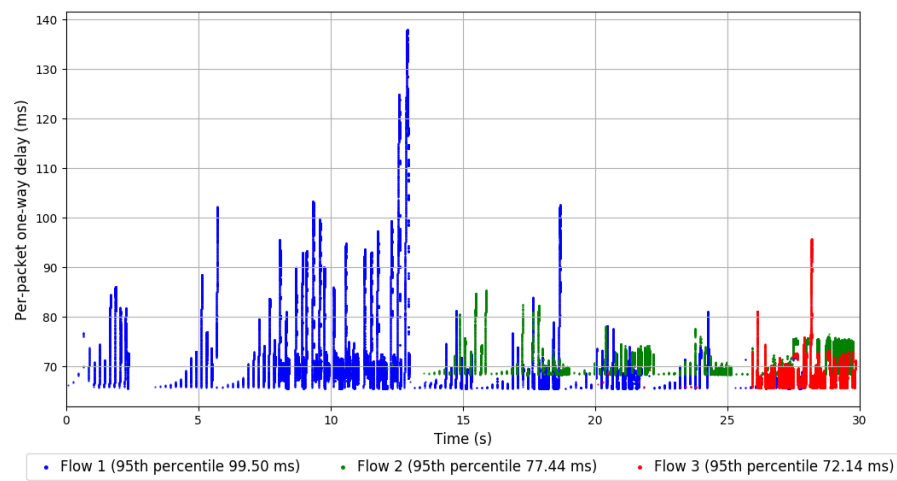
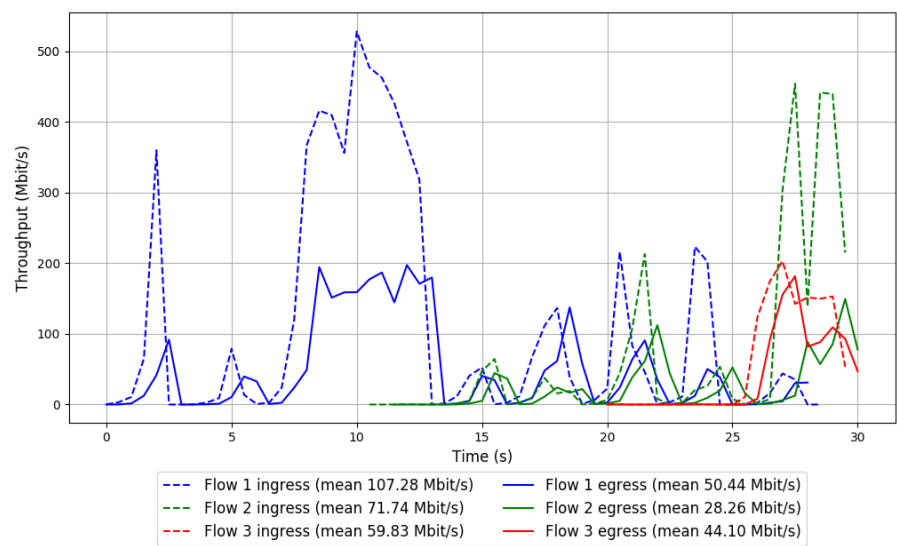


Run 1: Statistics of Verus

Start at: 2018-08-22 02:51:33
End at: 2018-08-22 02:52:03
Local clock offset: -0.949 ms
Remote clock offset: -32.598 ms

Below is generated by plot.py at 2018-08-22 08:04:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.66 Mbit/s
95th percentile per-packet one-way delay: 94.545 ms
Loss rate: 53.52%
-- Flow 1:
Average throughput: 50.44 Mbit/s
95th percentile per-packet one-way delay: 99.502 ms
Loss rate: 54.64%
-- Flow 2:
Average throughput: 28.26 Mbit/s
95th percentile per-packet one-way delay: 77.435 ms
Loss rate: 62.70%
-- Flow 3:
Average throughput: 44.10 Mbit/s
95th percentile per-packet one-way delay: 72.145 ms
Loss rate: 26.26%

Run 1: Report of Verus — Data Link

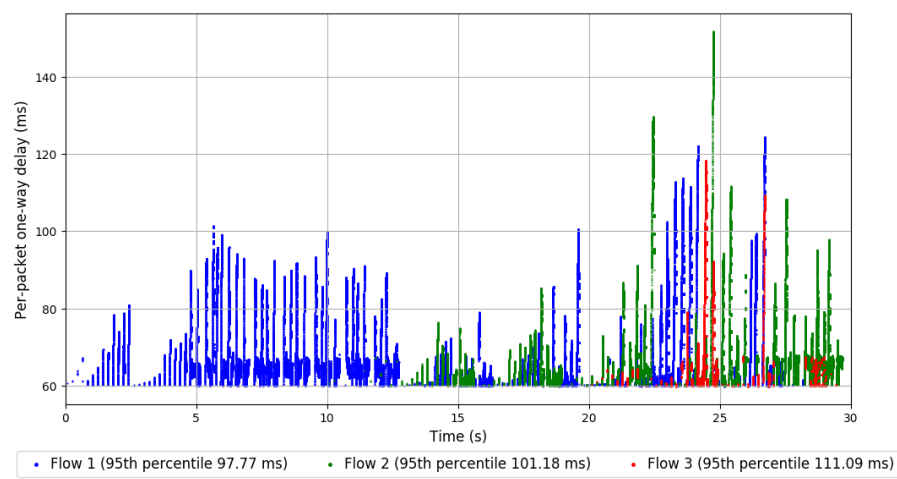
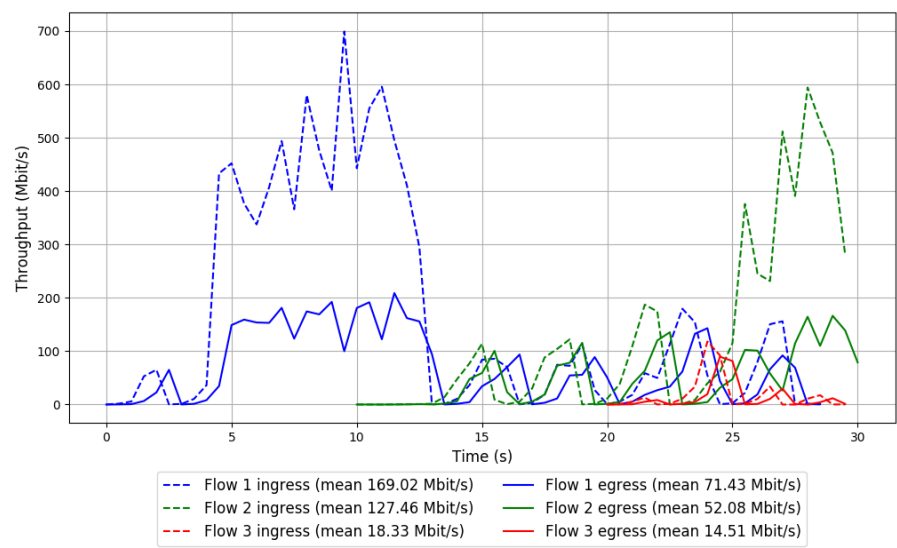


Run 2: Statistics of Verus

Start at: 2018-08-22 03:27:23
End at: 2018-08-22 03:27:53
Local clock offset: -2.711 ms
Remote clock offset: -38.781 ms

Below is generated by plot.py at 2018-08-22 08:04:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 107.34 Mbit/s
95th percentile per-packet one-way delay: 98.777 ms
Loss rate: 57.57%
-- Flow 1:
Average throughput: 71.43 Mbit/s
95th percentile per-packet one-way delay: 97.771 ms
Loss rate: 58.04%
-- Flow 2:
Average throughput: 52.08 Mbit/s
95th percentile per-packet one-way delay: 101.178 ms
Loss rate: 59.12%
-- Flow 3:
Average throughput: 14.51 Mbit/s
95th percentile per-packet one-way delay: 111.087 ms
Loss rate: 22.44%

Run 2: Report of Verus — Data Link

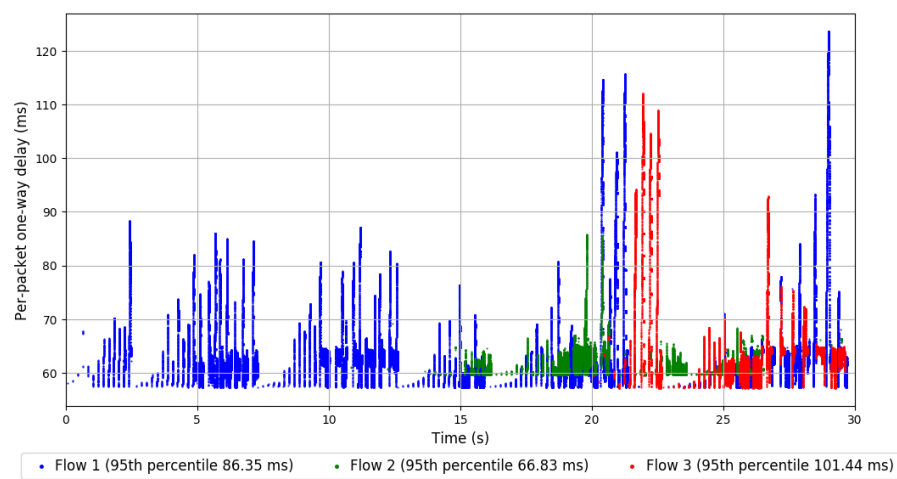
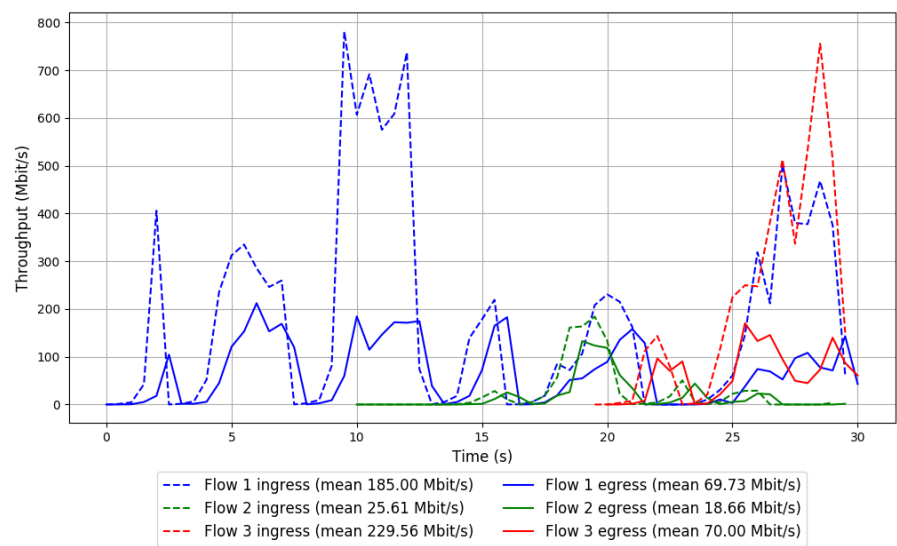


Run 3: Statistics of Verus

Start at: 2018-08-22 04:03:06
End at: 2018-08-22 04:03:36
Local clock offset: 2.885 ms
Remote clock offset: -38.947 ms

Below is generated by plot.py at 2018-08-22 08:04:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 104.30 Mbit/s
95th percentile per-packet one-way delay: 89.191 ms
Loss rate: 62.14%
-- Flow 1:
Average throughput: 69.73 Mbit/s
95th percentile per-packet one-way delay: 86.349 ms
Loss rate: 62.30%
-- Flow 2:
Average throughput: 18.66 Mbit/s
95th percentile per-packet one-way delay: 66.833 ms
Loss rate: 27.13%
-- Flow 3:
Average throughput: 70.00 Mbit/s
95th percentile per-packet one-way delay: 101.441 ms
Loss rate: 69.50%

Run 3: Report of Verus — Data Link

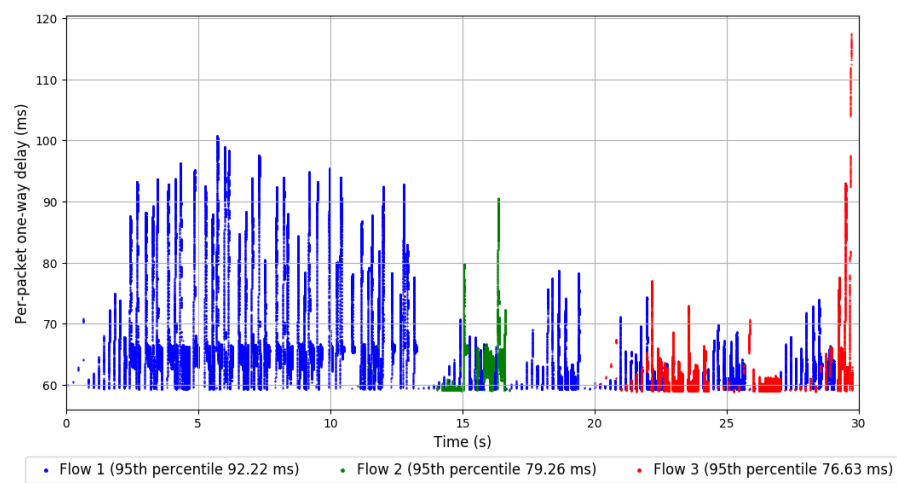
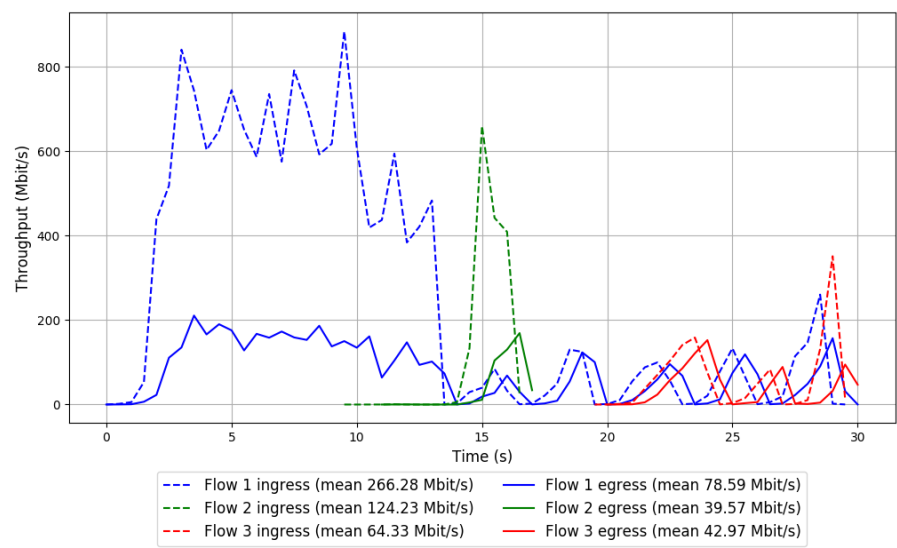


Run 4: Statistics of Verus

Start at: 2018-08-22 04:33:41
End at: 2018-08-22 04:34:11
Local clock offset: 0.07 ms
Remote clock offset: -38.248 ms

Below is generated by plot.py at 2018-08-22 08:04:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 100.03 Mbit/s
95th percentile per-packet one-way delay: 91.454 ms
Loss rate: 68.21%
-- Flow 1:
Average throughput: 78.59 Mbit/s
95th percentile per-packet one-way delay: 92.217 ms
Loss rate: 70.49%
-- Flow 2:
Average throughput: 39.57 Mbit/s
95th percentile per-packet one-way delay: 79.257 ms
Loss rate: 72.87%
-- Flow 3:
Average throughput: 42.97 Mbit/s
95th percentile per-packet one-way delay: 76.631 ms
Loss rate: 33.19%

Run 4: Report of Verus — Data Link

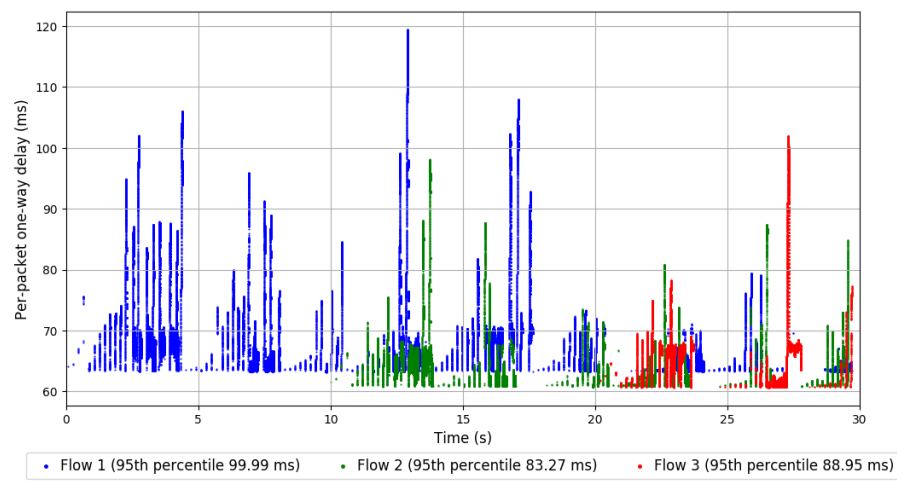
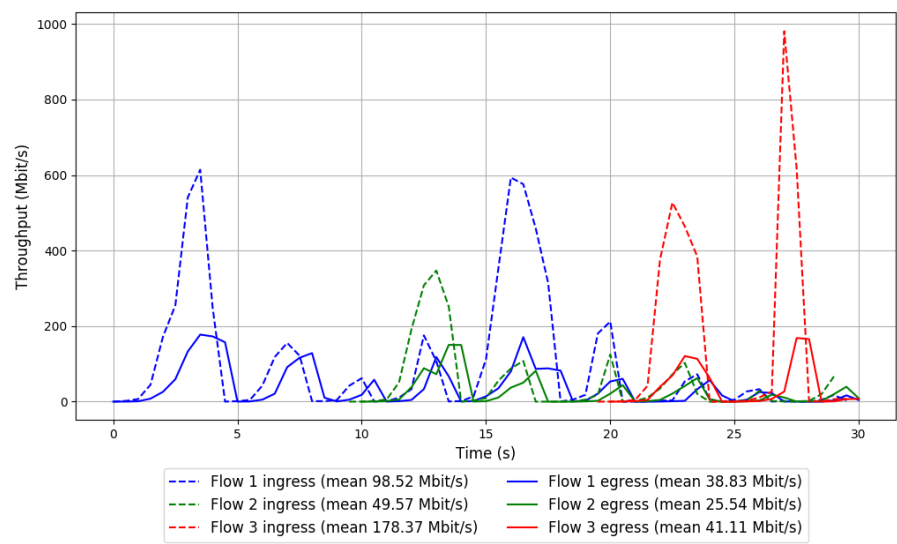


Run 5: Statistics of Verus

Start at: 2018-08-22 04:58:17
End at: 2018-08-22 04:58:47
Local clock offset: 0.916 ms
Remote clock offset: -36.169 ms

Below is generated by plot.py at 2018-08-22 08:04:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 69.11 Mbit/s
95th percentile per-packet one-way delay: 94.829 ms
Loss rate: 63.51%
-- Flow 1:
Average throughput: 38.83 Mbit/s
95th percentile per-packet one-way delay: 99.991 ms
Loss rate: 60.59%
-- Flow 2:
Average throughput: 25.54 Mbit/s
95th percentile per-packet one-way delay: 83.265 ms
Loss rate: 48.42%
-- Flow 3:
Average throughput: 41.11 Mbit/s
95th percentile per-packet one-way delay: 88.955 ms
Loss rate: 76.91%

Run 5: Report of Verus — Data Link

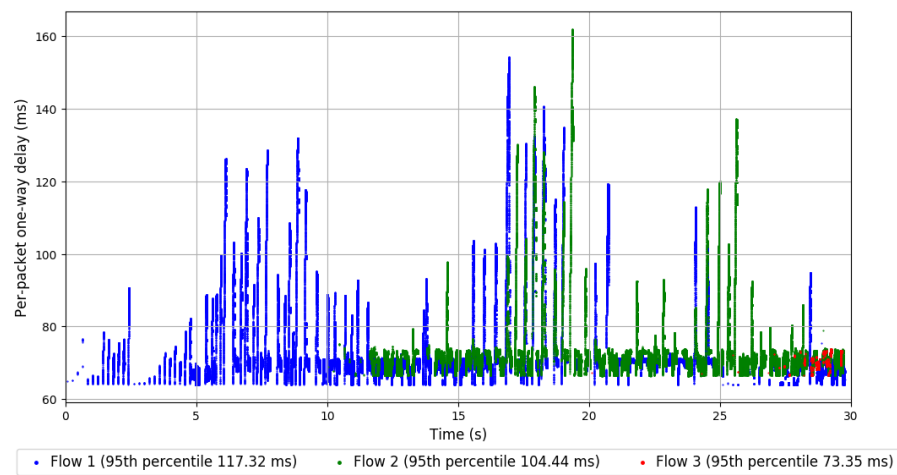
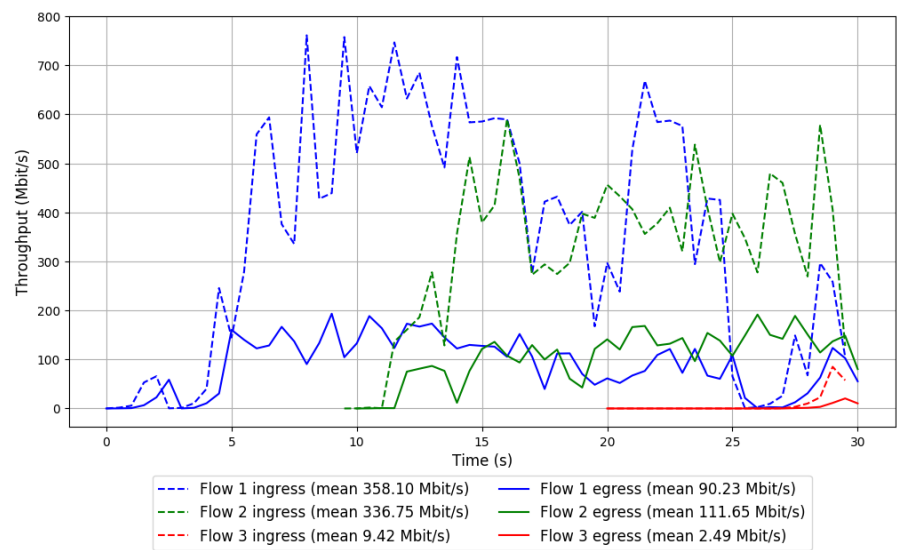


Run 6: Statistics of Verus

Start at: 2018-08-22 05:23:00
End at: 2018-08-22 05:23:30
Local clock offset: 0.942 ms
Remote clock offset: -33.246 ms

Below is generated by plot.py at 2018-08-22 08:06:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 164.96 Mbit/s
95th percentile per-packet one-way delay: 114.407 ms
Loss rate: 71.76%
-- Flow 1:
Average throughput: 90.23 Mbit/s
95th percentile per-packet one-way delay: 117.323 ms
Loss rate: 74.80%
-- Flow 2:
Average throughput: 111.65 Mbit/s
95th percentile per-packet one-way delay: 104.440 ms
Loss rate: 66.84%
-- Flow 3:
Average throughput: 2.49 Mbit/s
95th percentile per-packet one-way delay: 73.349 ms
Loss rate: 73.51%

Run 6: Report of Verus — Data Link

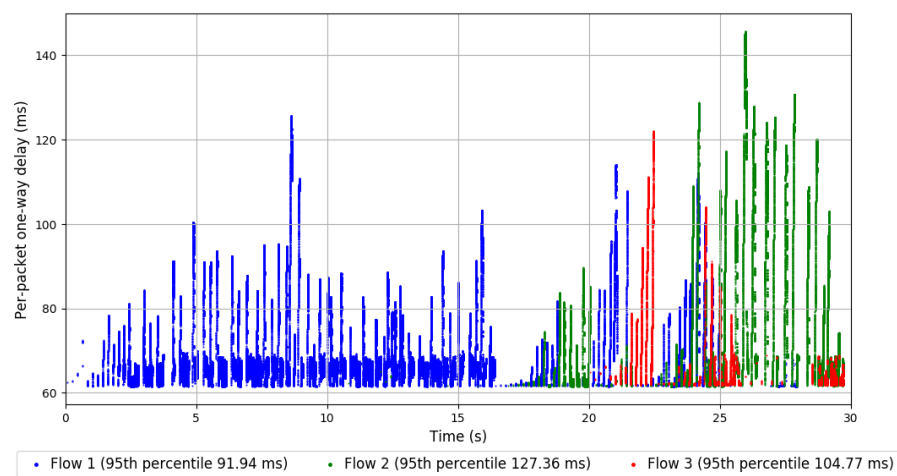
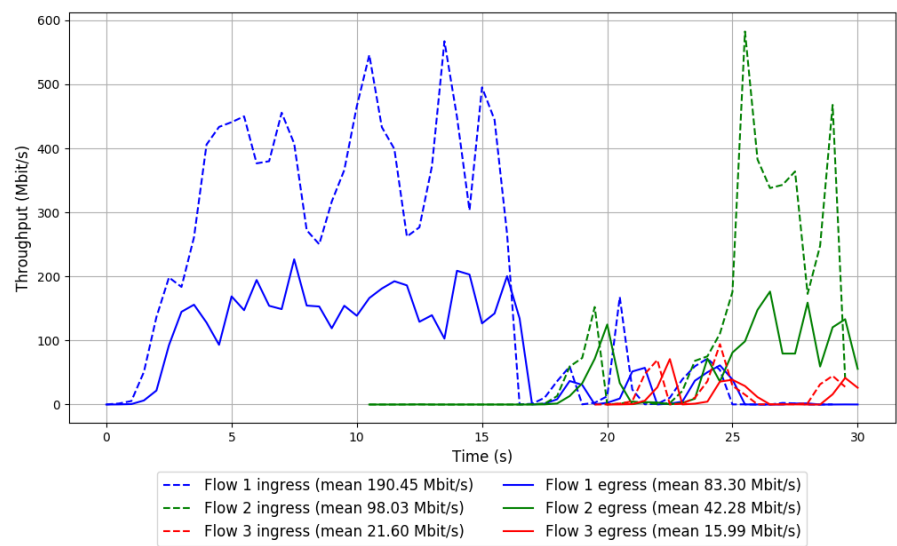


Run 7: Statistics of Verus

Start at: 2018-08-22 05:47:45
End at: 2018-08-22 05:48:15
Local clock offset: 3.179 ms
Remote clock offset: -33.532 ms

Below is generated by plot.py at 2018-08-22 08:06:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 114.95 Mbit/s
95th percentile per-packet one-way delay: 115.495 ms
Loss rate: 55.57%
-- Flow 1:
Average throughput: 83.30 Mbit/s
95th percentile per-packet one-way delay: 91.939 ms
Loss rate: 56.25%
-- Flow 2:
Average throughput: 42.28 Mbit/s
95th percentile per-packet one-way delay: 127.362 ms
Loss rate: 56.86%
-- Flow 3:
Average throughput: 15.99 Mbit/s
95th percentile per-packet one-way delay: 104.771 ms
Loss rate: 25.99%

Run 7: Report of Verus — Data Link

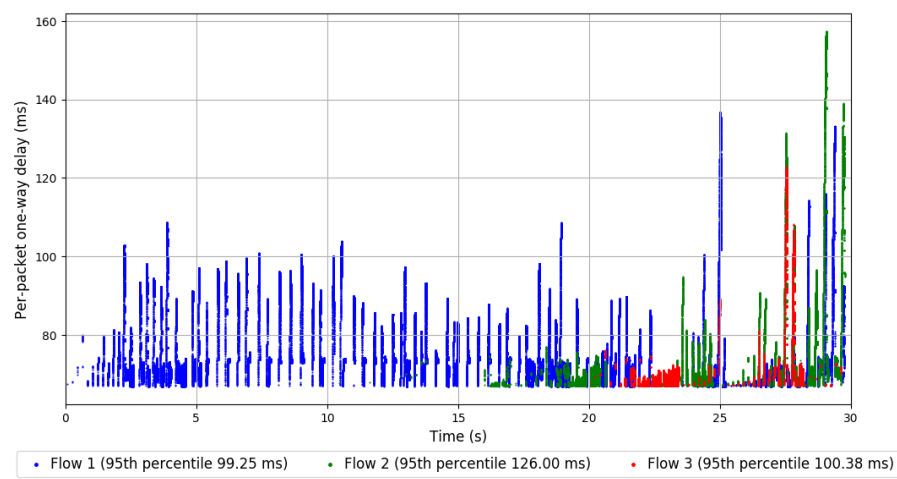
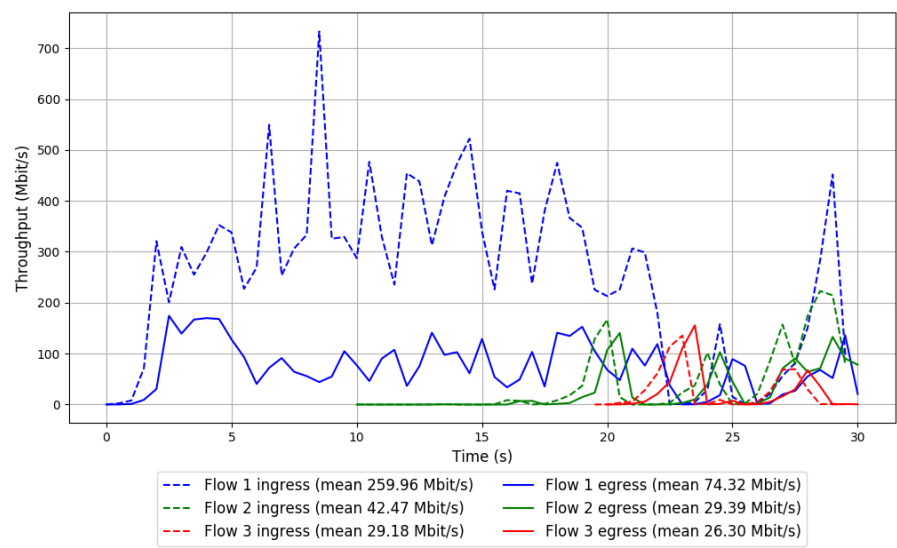


Run 8: Statistics of Verus

Start at: 2018-08-22 06:18:00
End at: 2018-08-22 06:18:30
Local clock offset: -1.026 ms
Remote clock offset: -32.164 ms

Below is generated by plot.py at 2018-08-22 08:06:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 101.91 Mbit/s
95th percentile per-packet one-way delay: 102.357 ms
Loss rate: 65.67%
-- Flow 1:
Average throughput: 74.32 Mbit/s
95th percentile per-packet one-way delay: 99.247 ms
Loss rate: 71.41%
-- Flow 2:
Average throughput: 29.39 Mbit/s
95th percentile per-packet one-way delay: 126.001 ms
Loss rate: 30.71%
-- Flow 3:
Average throughput: 26.30 Mbit/s
95th percentile per-packet one-way delay: 100.381 ms
Loss rate: 9.85%

Run 8: Report of Verus — Data Link

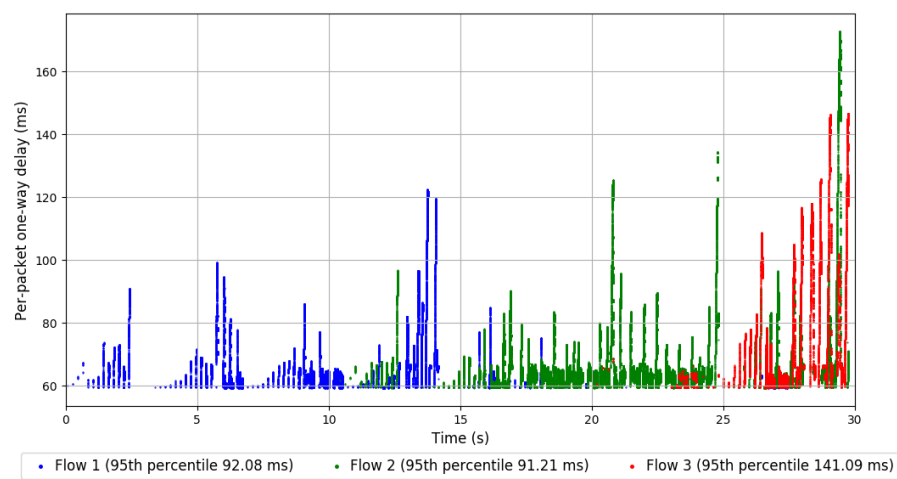
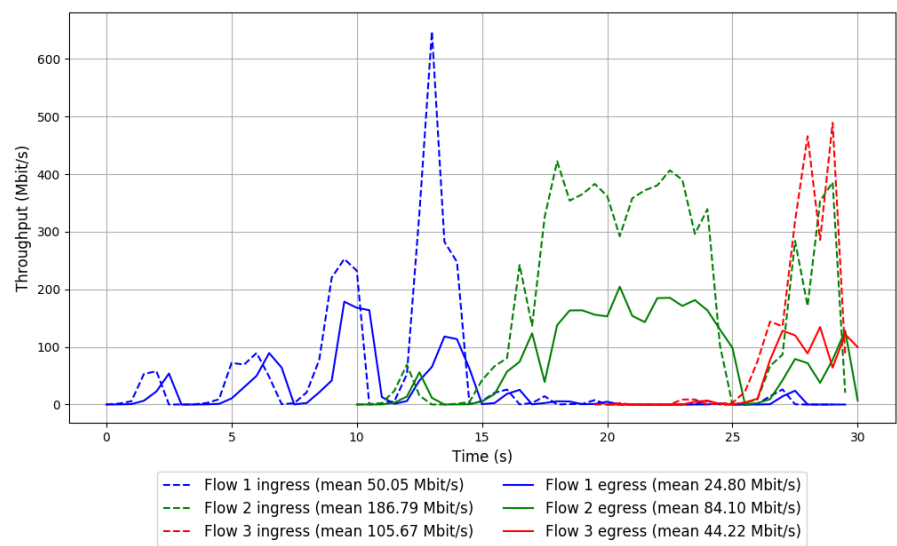


Run 9: Statistics of Verus

Start at: 2018-08-22 06:42:34
End at: 2018-08-22 06:43:04
Local clock offset: 0.478 ms
Remote clock offset: -38.465 ms

Below is generated by plot.py at 2018-08-22 08:06:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.37 Mbit/s
95th percentile per-packet one-way delay: 114.121 ms
Loss rate: 54.46%
-- Flow 1:
Average throughput: 24.80 Mbit/s
95th percentile per-packet one-way delay: 92.084 ms
Loss rate: 50.77%
-- Flow 2:
Average throughput: 84.10 Mbit/s
95th percentile per-packet one-way delay: 91.208 ms
Loss rate: 54.97%
-- Flow 3:
Average throughput: 44.22 Mbit/s
95th percentile per-packet one-way delay: 141.091 ms
Loss rate: 57.92%

Run 9: Report of Verus — Data Link

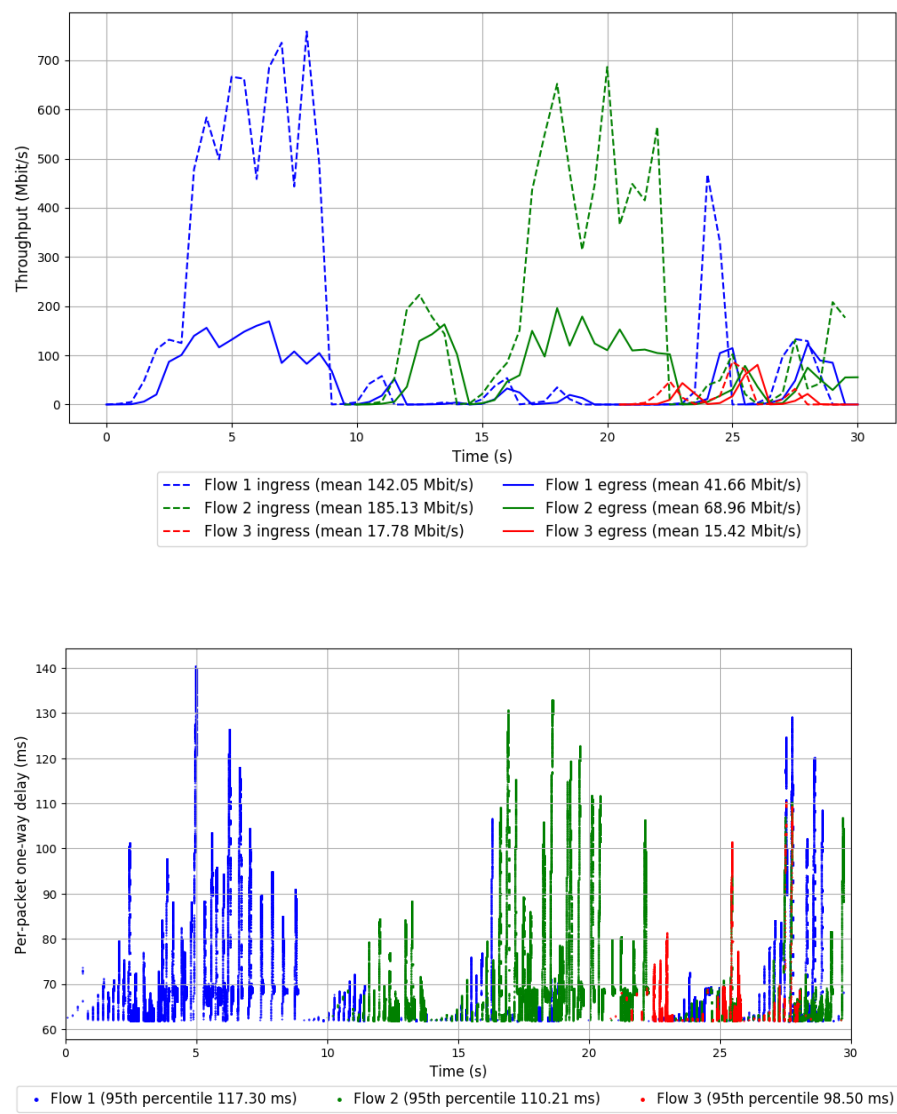


Run 10: Statistics of Verus

Start at: 2018-08-22 07:07:08
End at: 2018-08-22 07:07:38
Local clock offset: 0.121 ms
Remote clock offset: -36.151 ms

Below is generated by plot.py at 2018-08-22 08:06:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.05 Mbit/s
95th percentile per-packet one-way delay: 113.271 ms
Loss rate: 65.94%
-- Flow 1:
Average throughput: 41.66 Mbit/s
95th percentile per-packet one-way delay: 117.296 ms
Loss rate: 70.67%
-- Flow 2:
Average throughput: 68.96 Mbit/s
95th percentile per-packet one-way delay: 110.208 ms
Loss rate: 62.75%
-- Flow 3:
Average throughput: 15.42 Mbit/s
95th percentile per-packet one-way delay: 98.505 ms
Loss rate: 13.27%

Run 10: Report of Verus — Data Link

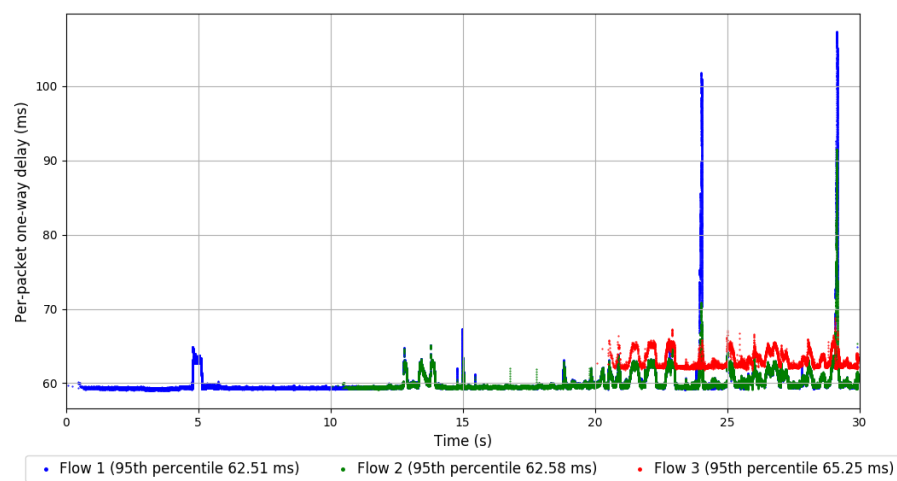
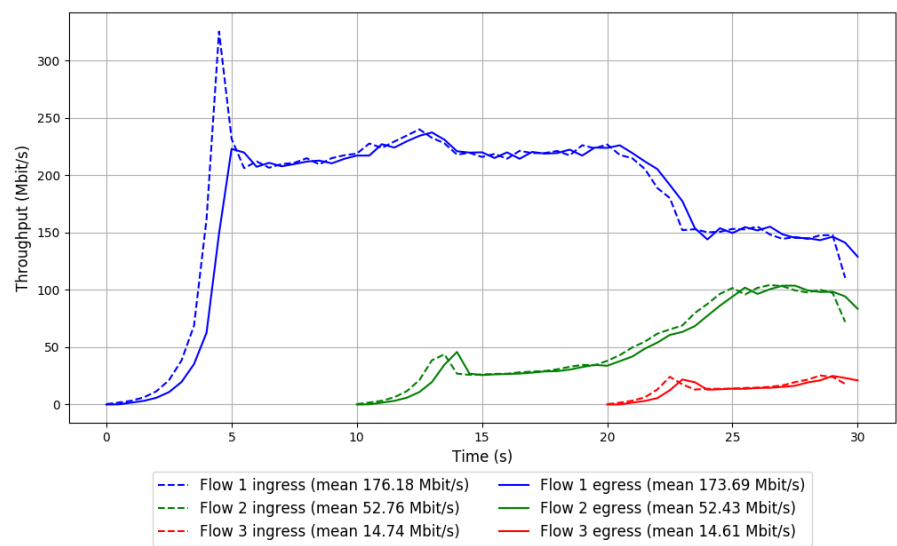


Run 1: Statistics of PCC-Vivace

Start at: 2018-08-22 02:50:00
End at: 2018-08-22 02:50:30
Local clock offset: -0.839 ms
Remote clock offset: -38.929 ms

Below is generated by plot.py at 2018-08-22 08:06:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 213.39 Mbit/s
95th percentile per-packet one-way delay: 62.612 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 173.69 Mbit/s
95th percentile per-packet one-way delay: 62.510 ms
Loss rate: 1.41%
-- Flow 2:
Average throughput: 52.43 Mbit/s
95th percentile per-packet one-way delay: 62.579 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 14.61 Mbit/s
95th percentile per-packet one-way delay: 65.245 ms
Loss rate: 0.85%

Run 1: Report of PCC-Vivace — Data Link

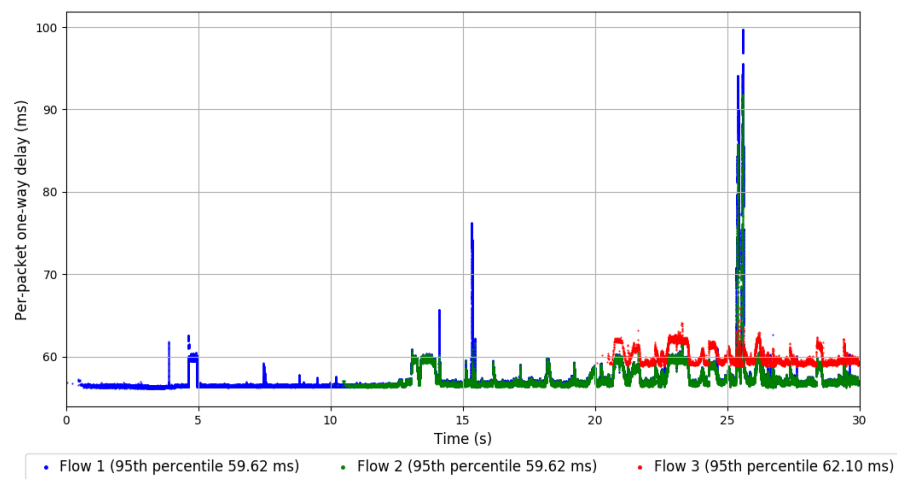
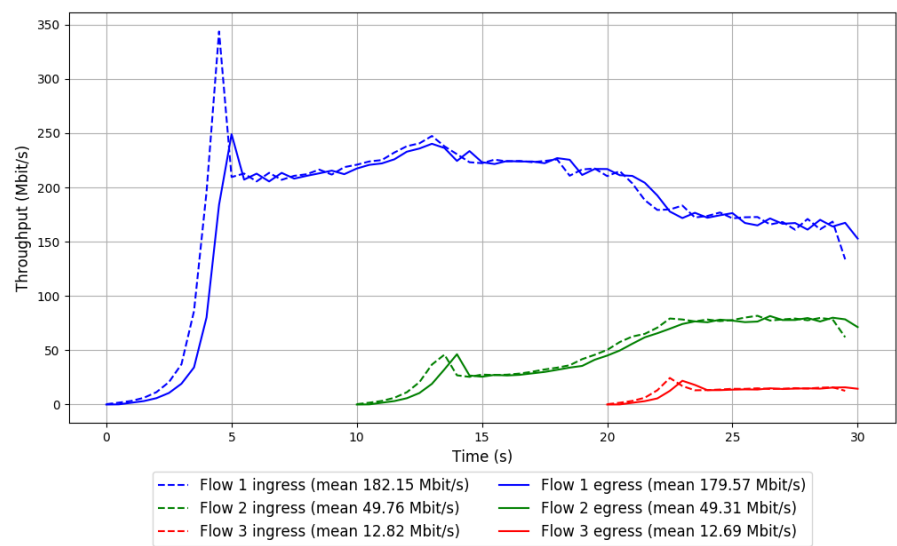


Run 2: Statistics of PCC-Vivace

Start at: 2018-08-22 03:25:50
End at: 2018-08-22 03:26:20
Local clock offset: 0.851 ms
Remote clock offset: -38.874 ms

Below is generated by plot.py at 2018-08-22 08:06:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 216.54 Mbit/s
95th percentile per-packet one-way delay: 59.657 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 179.57 Mbit/s
95th percentile per-packet one-way delay: 59.620 ms
Loss rate: 1.42%
-- Flow 2:
Average throughput: 49.31 Mbit/s
95th percentile per-packet one-way delay: 59.625 ms
Loss rate: 0.89%
-- Flow 3:
Average throughput: 12.69 Mbit/s
95th percentile per-packet one-way delay: 62.098 ms
Loss rate: 1.03%

Run 2: Report of PCC-Vivace — Data Link

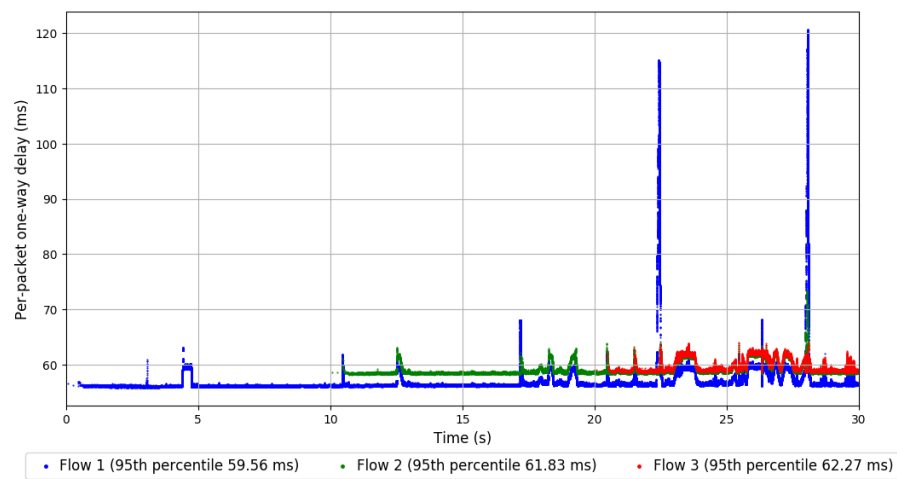
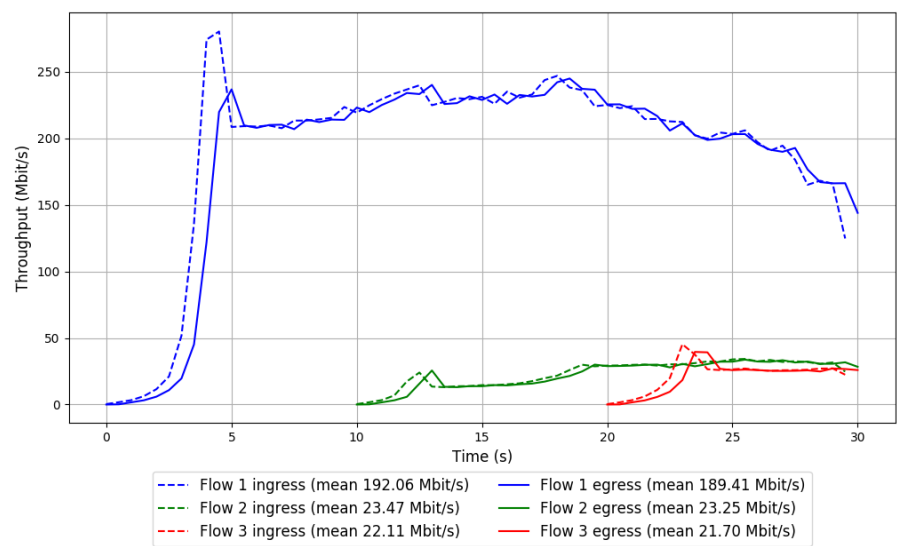


Run 3: Statistics of PCC-Vivace

Start at: 2018-08-22 04:01:33
End at: 2018-08-22 04:02:03
Local clock offset: 1.583 ms
Remote clock offset: -41.056 ms

Below is generated by plot.py at 2018-08-22 08:07:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 212.03 Mbit/s
95th percentile per-packet one-way delay: 59.894 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 189.41 Mbit/s
95th percentile per-packet one-way delay: 59.559 ms
Loss rate: 1.38%
-- Flow 2:
Average throughput: 23.25 Mbit/s
95th percentile per-packet one-way delay: 61.826 ms
Loss rate: 0.91%
-- Flow 3:
Average throughput: 21.70 Mbit/s
95th percentile per-packet one-way delay: 62.272 ms
Loss rate: 1.89%

Run 3: Report of PCC-Vivace — Data Link

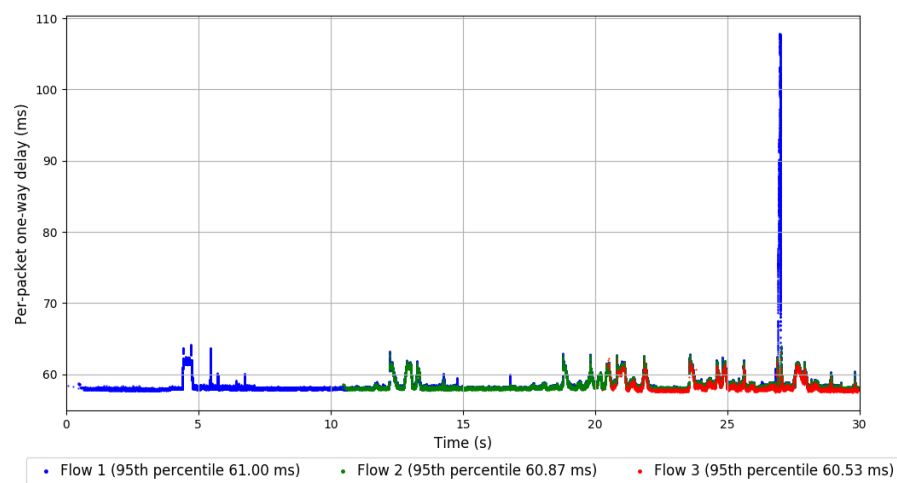
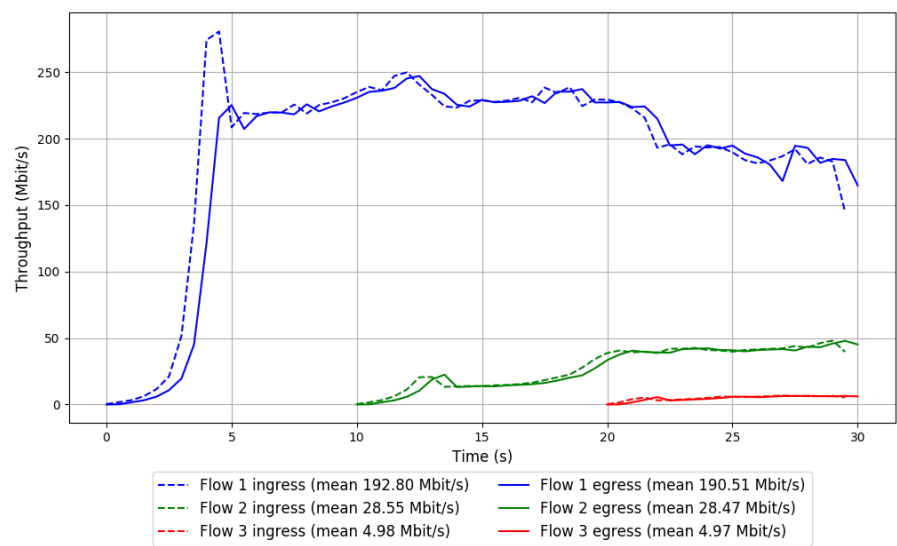


Run 4: Statistics of PCC-Vivace

Start at: 2018-08-22 04:32:09
End at: 2018-08-22 04:32:39
Local clock offset: 0.93 ms
Remote clock offset: -38.648 ms

Below is generated by plot.py at 2018-08-22 08:08:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 211.08 Mbit/s
95th percentile per-packet one-way delay: 60.980 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 190.51 Mbit/s
95th percentile per-packet one-way delay: 61.000 ms
Loss rate: 1.19%
-- Flow 2:
Average throughput: 28.47 Mbit/s
95th percentile per-packet one-way delay: 60.873 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 4.97 Mbit/s
95th percentile per-packet one-way delay: 60.535 ms
Loss rate: 0.35%

Run 4: Report of PCC-Vivace — Data Link

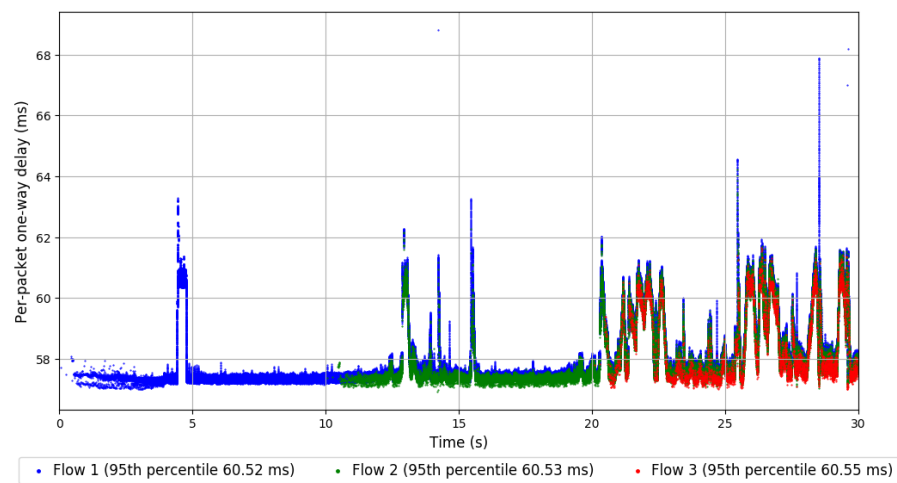
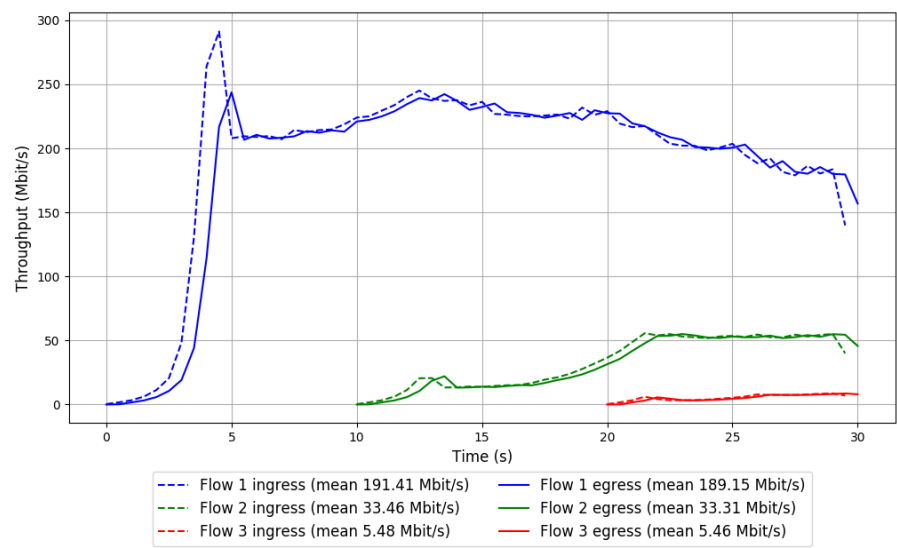


Run 5: Statistics of PCC-Vivace

Start at: 2018-08-22 04:56:45
End at: 2018-08-22 04:57:15
Local clock offset: 1.89 ms
Remote clock offset: -38.622 ms

Below is generated by plot.py at 2018-08-22 08:08:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 213.11 Mbit/s
95th percentile per-packet one-way delay: 60.524 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 189.15 Mbit/s
95th percentile per-packet one-way delay: 60.522 ms
Loss rate: 1.18%
-- Flow 2:
Average throughput: 33.31 Mbit/s
95th percentile per-packet one-way delay: 60.534 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 5.46 Mbit/s
95th percentile per-packet one-way delay: 60.547 ms
Loss rate: 0.44%

Run 5: Report of PCC-Vivace — Data Link

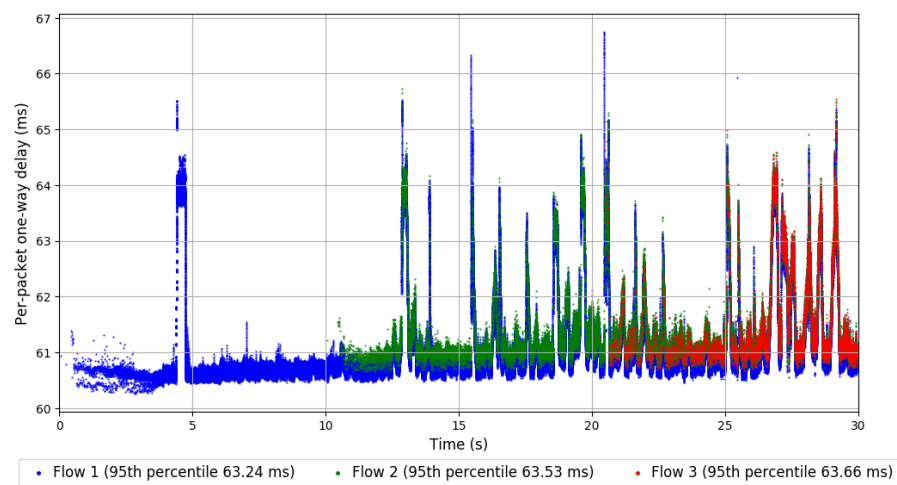
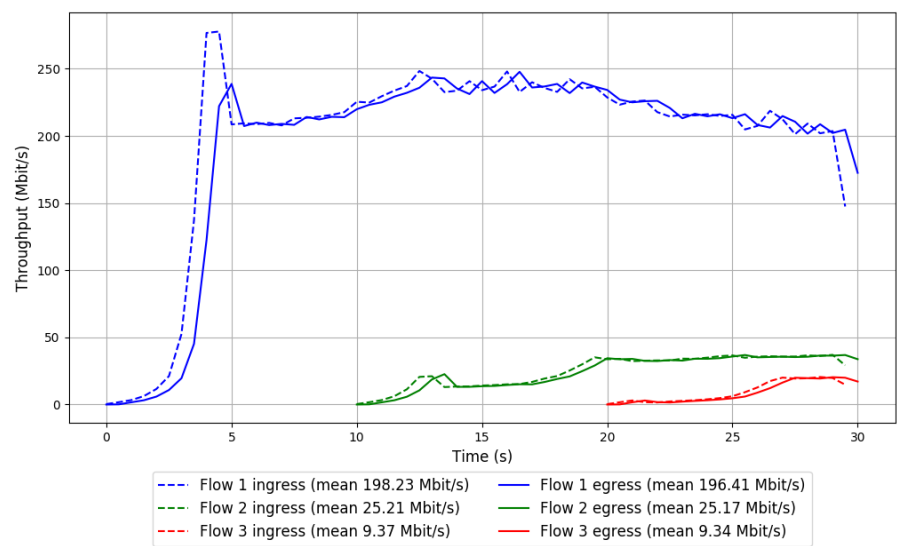


Run 6: Statistics of PCC-Vivace

Start at: 2018-08-22 05:21:26
End at: 2018-08-22 05:21:56
Local clock offset: 2.955 ms
Remote clock offset: -34.296 ms

Below is generated by plot.py at 2018-08-22 08:08:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 216.24 Mbit/s
95th percentile per-packet one-way delay: 63.291 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 196.41 Mbit/s
95th percentile per-packet one-way delay: 63.245 ms
Loss rate: 0.92%
-- Flow 2:
Average throughput: 25.17 Mbit/s
95th percentile per-packet one-way delay: 63.529 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 9.34 Mbit/s
95th percentile per-packet one-way delay: 63.661 ms
Loss rate: 0.22%

Run 6: Report of PCC-Vivace — Data Link

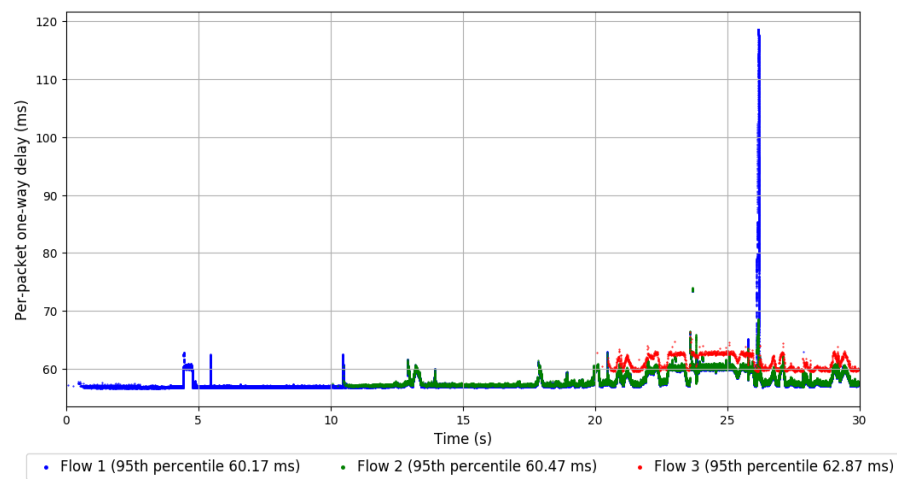
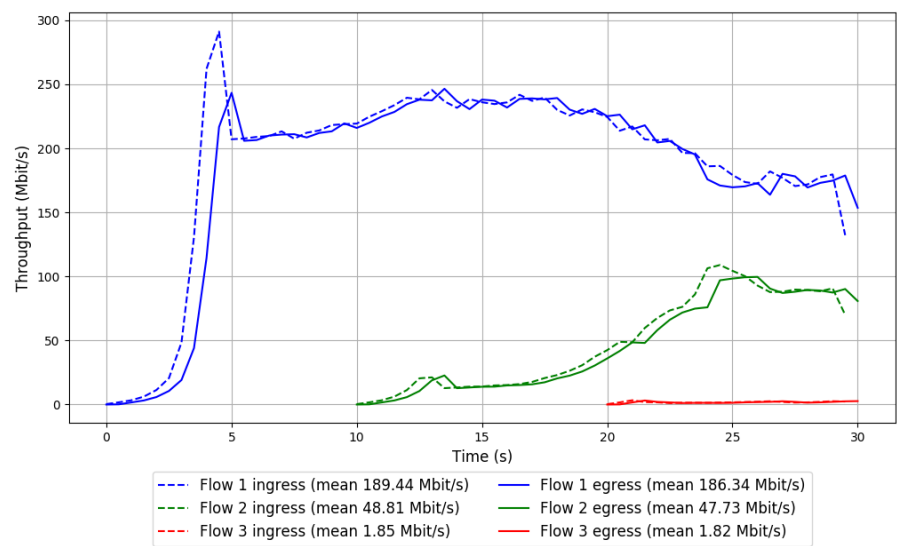


Run 7: Statistics of PCC-Vivace

Start at: 2018-08-22 05:46:12
End at: 2018-08-22 05:46:42
Local clock offset: 3.139 ms
Remote clock offset: -38.059 ms

Below is generated by plot.py at 2018-08-22 08:08:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 218.66 Mbit/s
95th percentile per-packet one-way delay: 60.254 ms
Loss rate: 1.72%
-- Flow 1:
Average throughput: 186.34 Mbit/s
95th percentile per-packet one-way delay: 60.166 ms
Loss rate: 1.64%
-- Flow 2:
Average throughput: 47.73 Mbit/s
95th percentile per-packet one-way delay: 60.471 ms
Loss rate: 2.20%
-- Flow 3:
Average throughput: 1.82 Mbit/s
95th percentile per-packet one-way delay: 62.865 ms
Loss rate: 1.85%

Run 7: Report of PCC-Vivace — Data Link

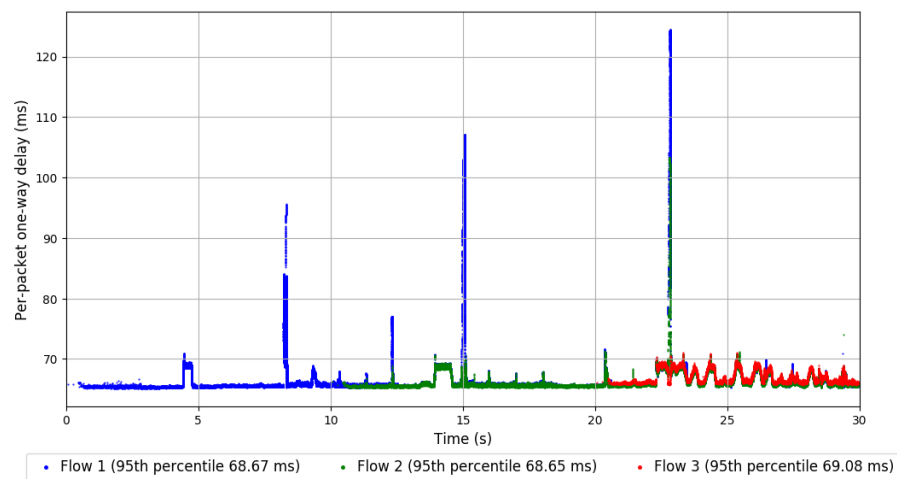
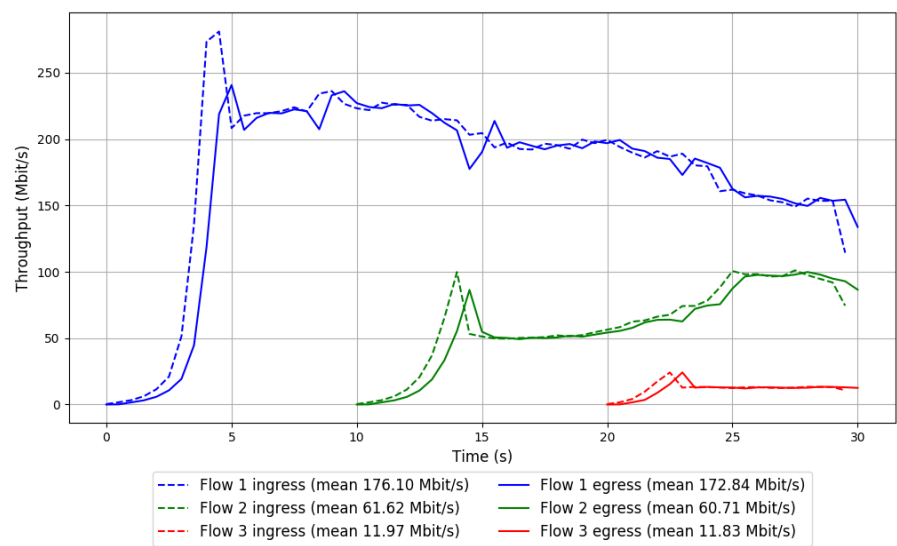


Run 8: Statistics of PCC-Vivace

Start at: 2018-08-22 06:16:26
End at: 2018-08-22 06:16:56
Local clock offset: -0.305 ms
Remote clock offset: -33.108 ms

Below is generated by plot.py at 2018-08-22 08:08:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 217.12 Mbit/s
95th percentile per-packet one-way delay: 68.680 ms
Loss rate: 1.77%
-- Flow 1:
Average throughput: 172.84 Mbit/s
95th percentile per-packet one-way delay: 68.674 ms
Loss rate: 1.85%
-- Flow 2:
Average throughput: 60.71 Mbit/s
95th percentile per-packet one-way delay: 68.646 ms
Loss rate: 1.49%
-- Flow 3:
Average throughput: 11.83 Mbit/s
95th percentile per-packet one-way delay: 69.083 ms
Loss rate: 1.13%

Run 8: Report of PCC-Vivace — Data Link

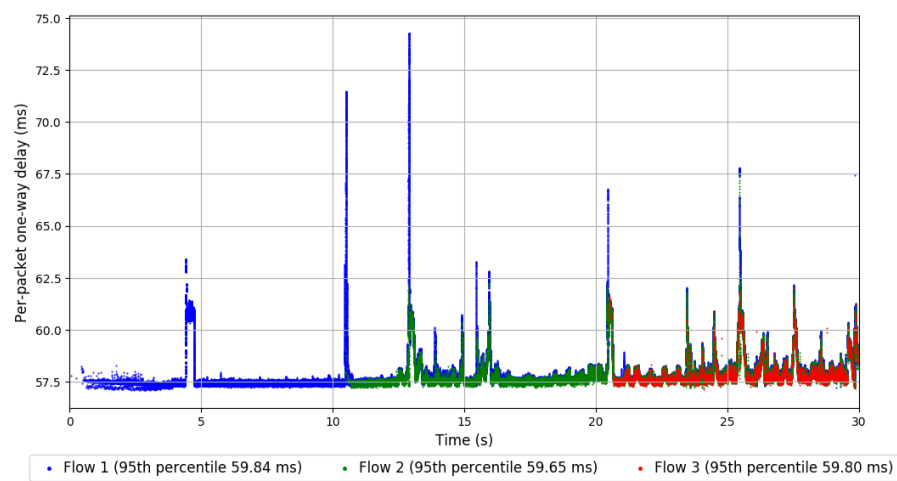
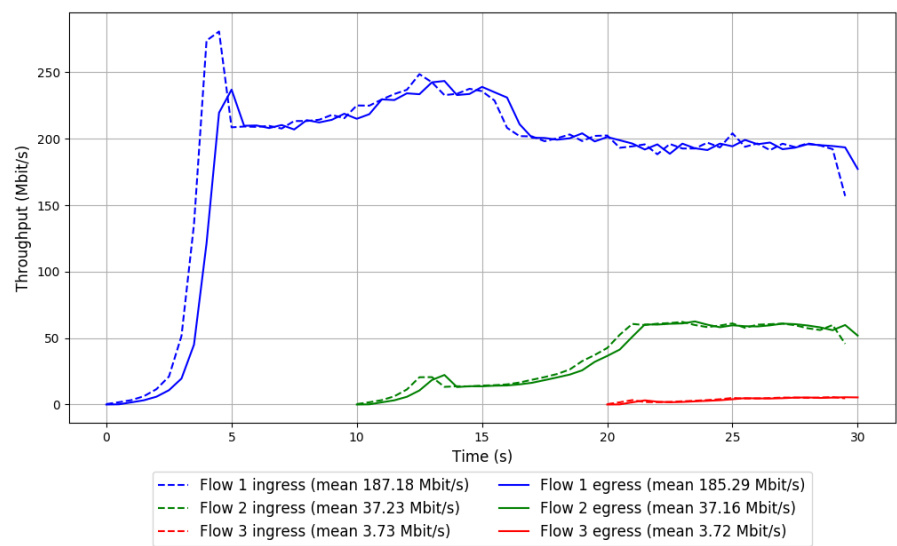


Run 9: Statistics of PCC-Vivace

Start at: 2018-08-22 06:41:02
End at: 2018-08-22 06:41:32
Local clock offset: 2.645 ms
Remote clock offset: -38.237 ms

Below is generated by plot.py at 2018-08-22 08:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 211.23 Mbit/s
95th percentile per-packet one-way delay: 59.802 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 185.29 Mbit/s
95th percentile per-packet one-way delay: 59.838 ms
Loss rate: 1.01%
-- Flow 2:
Average throughput: 37.16 Mbit/s
95th percentile per-packet one-way delay: 59.649 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 3.72 Mbit/s
95th percentile per-packet one-way delay: 59.800 ms
Loss rate: 0.12%

Run 9: Report of PCC-Vivace — Data Link



Run 10: Statistics of PCC-Vivace

Start at: 2018-08-22 07:05:35

End at: 2018-08-22 07:06:05

Local clock offset: 0.105 ms

Remote clock offset: -35.937 ms

Below is generated by plot.py at 2018-08-22 08:08:49

Datalink statistics

-- Total of 3 flows:

Average throughput: 219.90 Mbit/s

95th percentile per-packet one-way delay: 67.314 ms

Loss rate: 1.14%

-- Flow 1:

Average throughput: 187.19 Mbit/s

95th percentile per-packet one-way delay: 67.333 ms

Loss rate: 1.21%

-- Flow 2:

Average throughput: 37.52 Mbit/s

95th percentile per-packet one-way delay: 65.079 ms

Loss rate: 0.62%

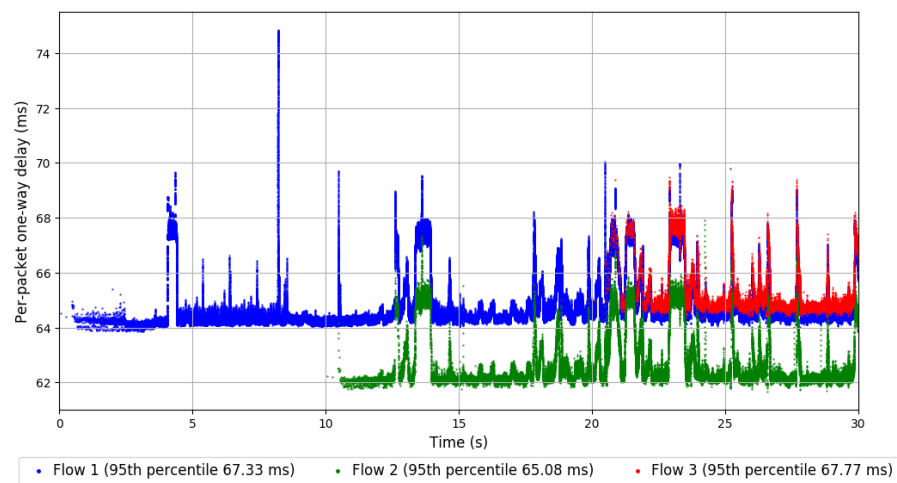
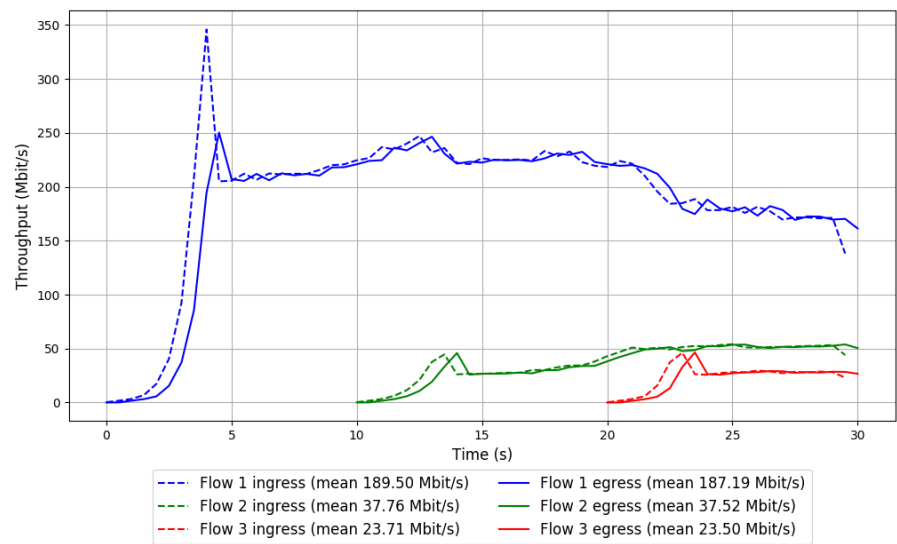
-- Flow 3:

Average throughput: 23.50 Mbit/s

95th percentile per-packet one-way delay: 67.770 ms

Loss rate: 0.89%

Run 10: Report of PCC-Vivace — Data Link

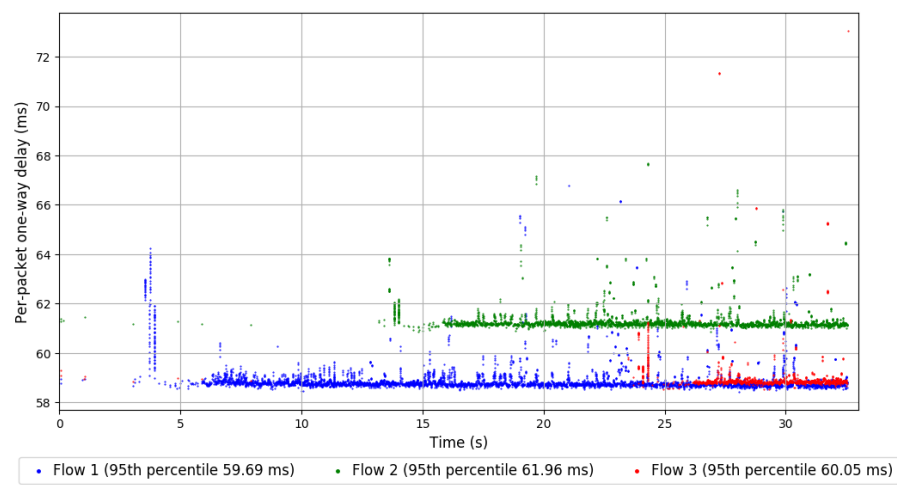
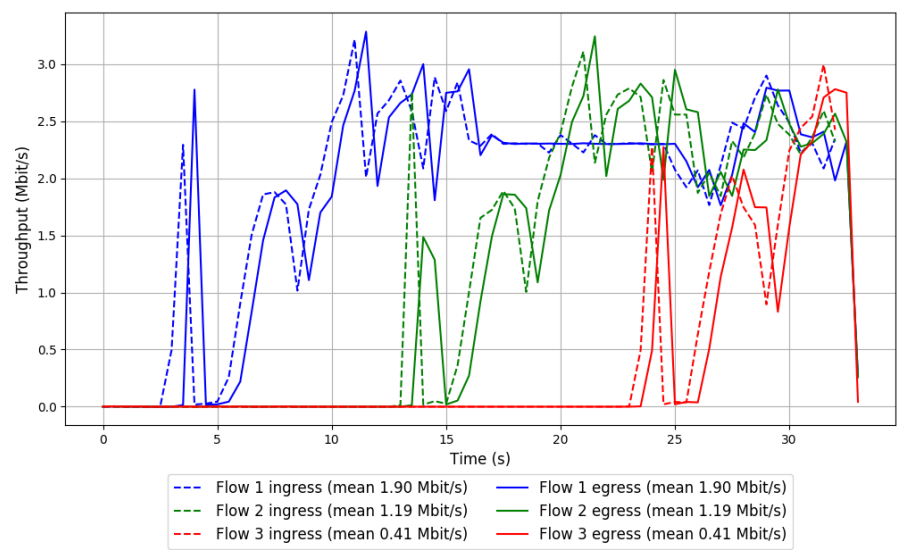


Run 1: Statistics of WebRTC media

Start at: 2018-08-22 02:52:56
End at: 2018-08-22 02:53:26
Local clock offset: -0.087 ms
Remote clock offset: -38.818 ms

Below is generated by plot.py at 2018-08-22 08:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.50 Mbit/s
95th percentile per-packet one-way delay: 61.446 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.90 Mbit/s
95th percentile per-packet one-way delay: 59.686 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.19 Mbit/s
95th percentile per-packet one-way delay: 61.959 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 60.053 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

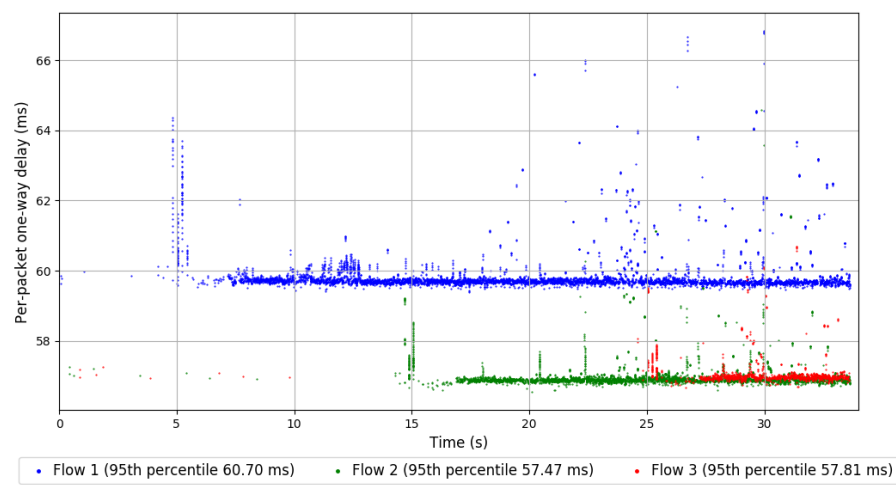
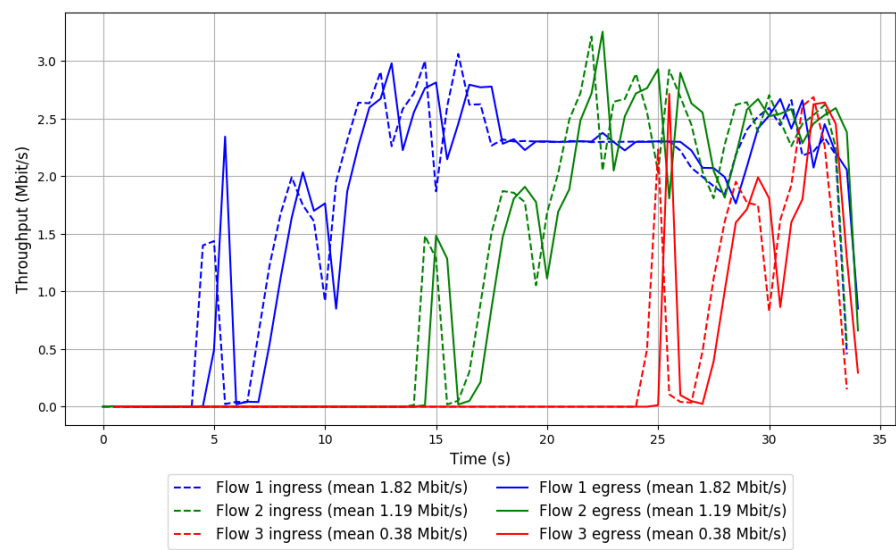


Run 2: Statistics of WebRTC media

Start at: 2018-08-22 03:28:50
End at: 2018-08-22 03:29:20
Local clock offset: 1.536 ms
Remote clock offset: -37.655 ms

Below is generated by plot.py at 2018-08-22 08:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.36 Mbit/s
95th percentile per-packet one-way delay: 60.118 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.82 Mbit/s
95th percentile per-packet one-way delay: 60.695 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.19 Mbit/s
95th percentile per-packet one-way delay: 57.469 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 57.813 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

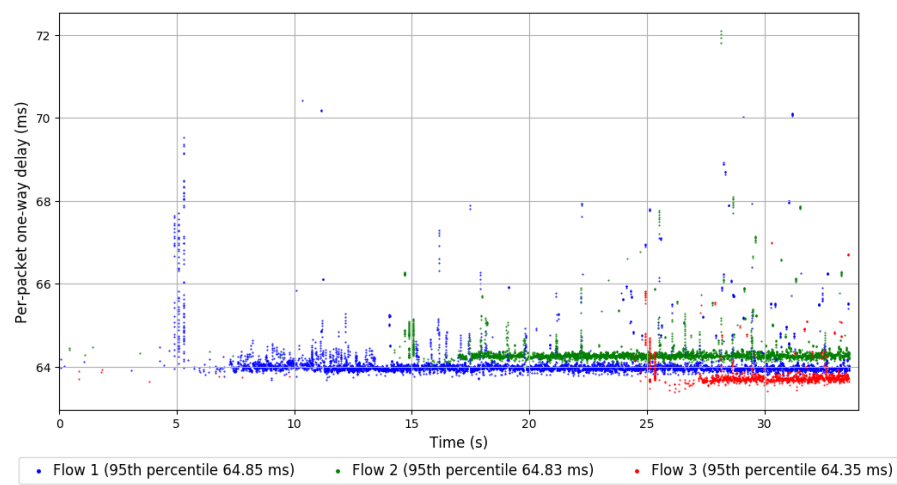
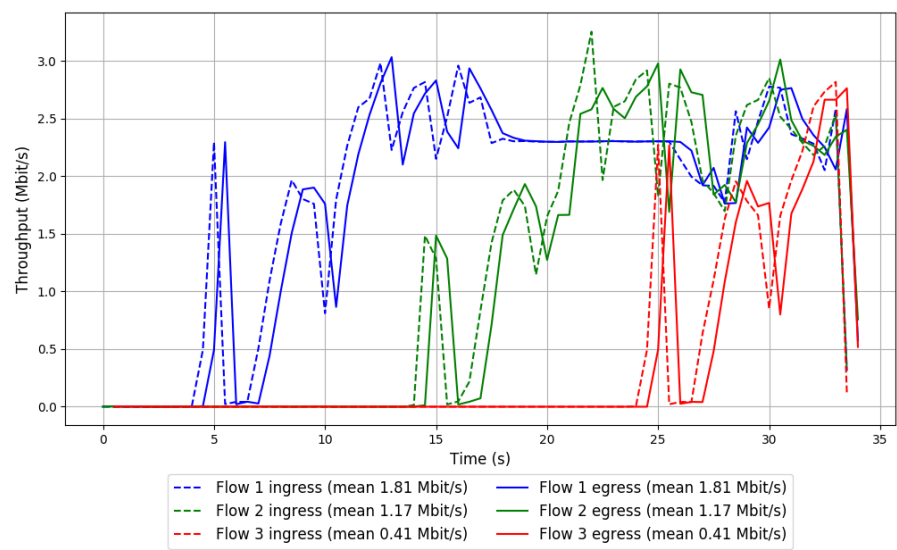


Run 3: Statistics of WebRTC media

Start at: 2018-08-22 04:04:33
End at: 2018-08-22 04:05:03
Local clock offset: 0.627 ms
Remote clock offset: -36.998 ms

Below is generated by plot.py at 2018-08-22 08:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.36 Mbit/s
95th percentile per-packet one-way delay: 64.792 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.81 Mbit/s
95th percentile per-packet one-way delay: 64.848 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 64.828 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 64.352 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

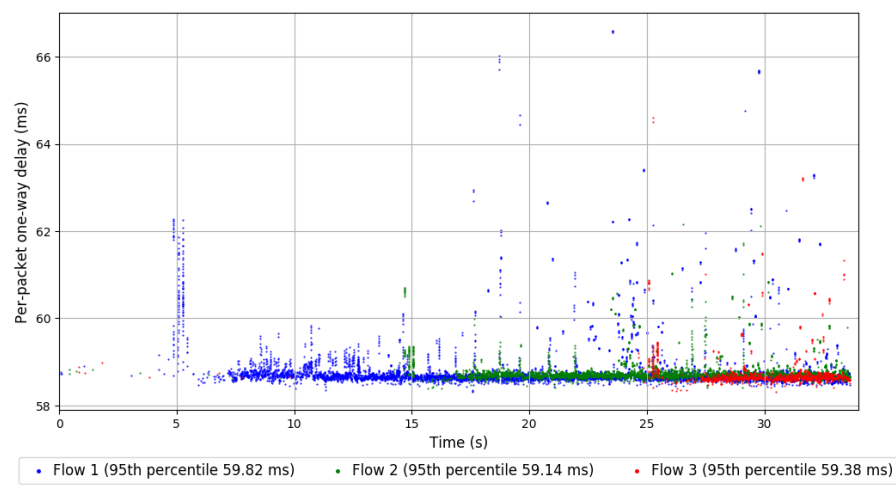
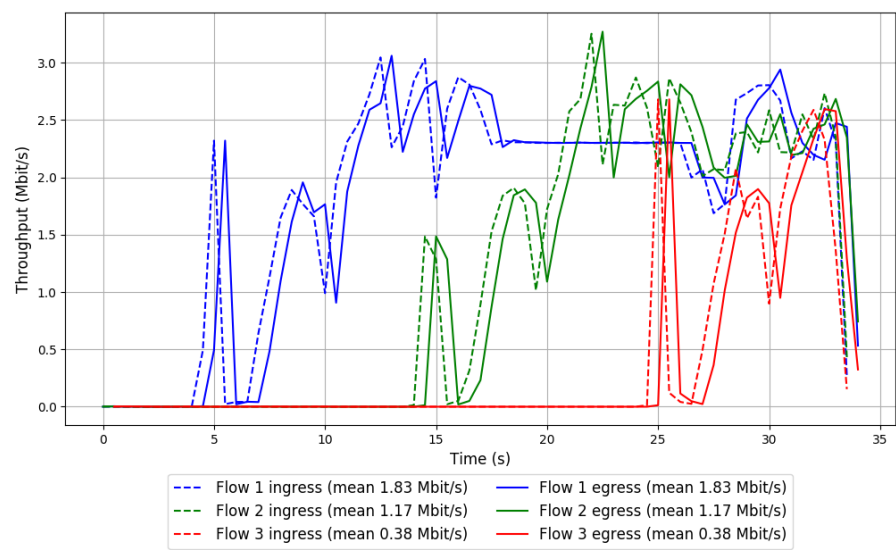


Run 4: Statistics of WebRTC media

Start at: 2018-08-22 04:35:10
End at: 2018-08-22 04:35:40
Local clock offset: 0.307 ms
Remote clock offset: -38.627 ms

Below is generated by plot.py at 2018-08-22 08:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.36 Mbit/s
95th percentile per-packet one-way delay: 59.486 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.83 Mbit/s
95th percentile per-packet one-way delay: 59.816 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 59.143 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 59.378 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

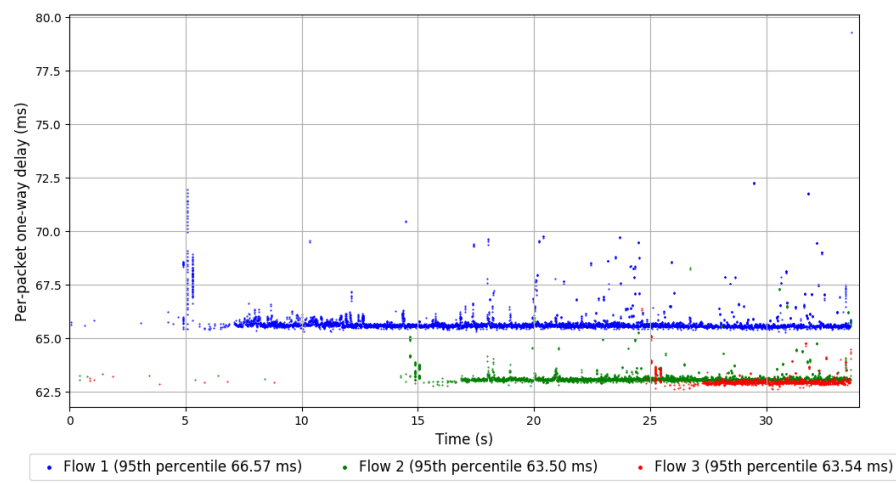
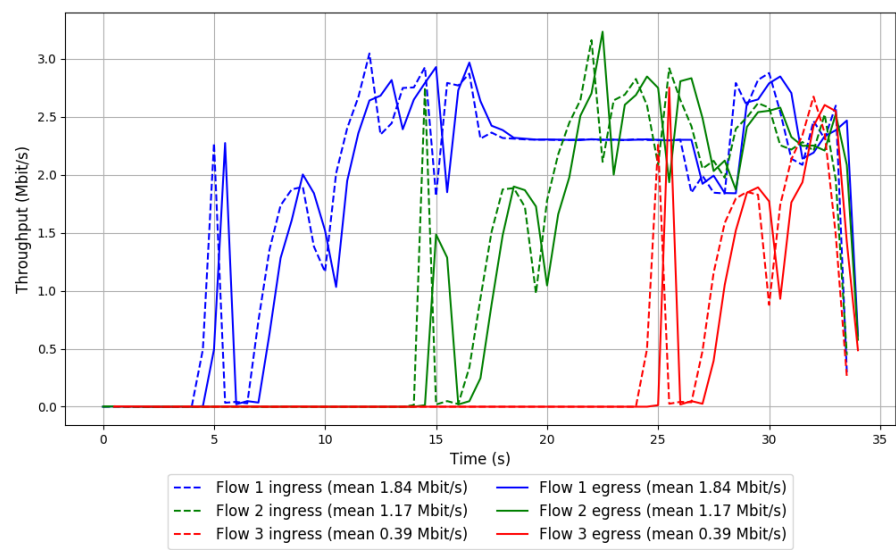


Run 5: Statistics of WebRTC media

Start at: 2018-08-22 04:59:40
End at: 2018-08-22 05:00:10
Local clock offset: 0.925 ms
Remote clock offset: -33.827 ms

Below is generated by plot.py at 2018-08-22 08:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.37 Mbit/s
95th percentile per-packet one-way delay: 65.979 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.84 Mbit/s
95th percentile per-packet one-way delay: 66.573 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 63.503 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 63.536 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

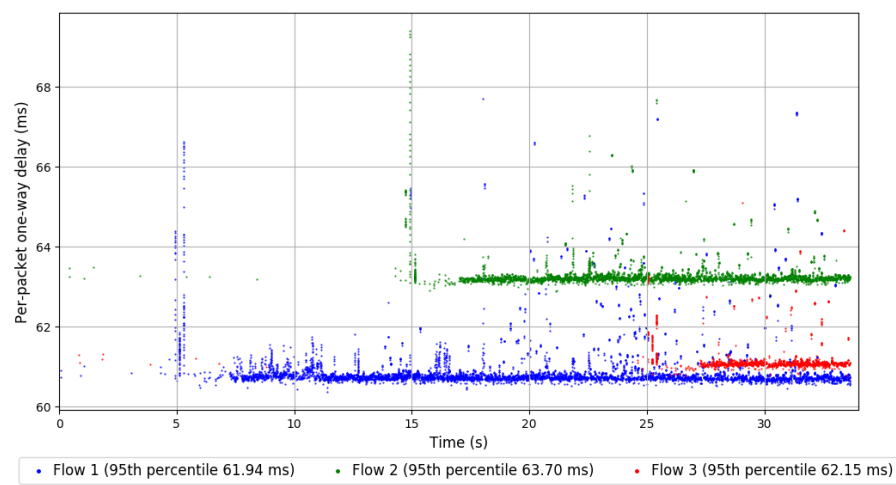
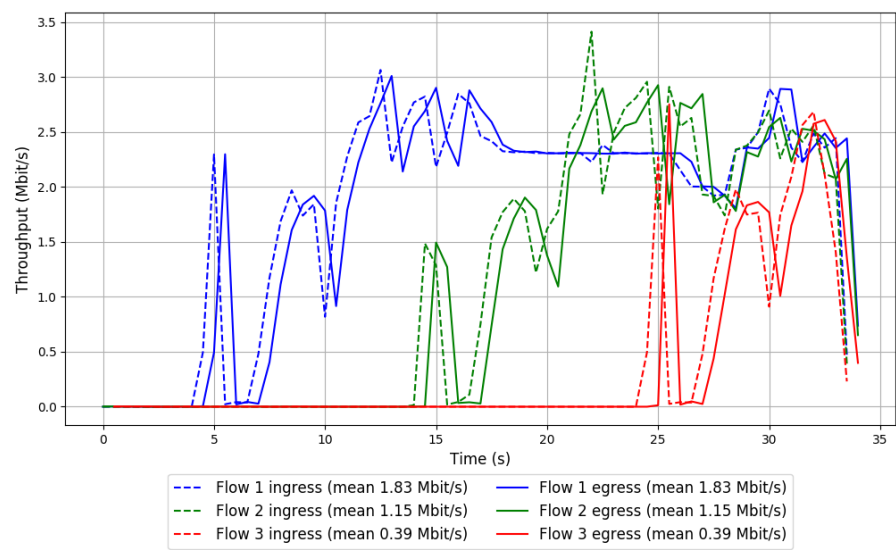


Run 6: Statistics of WebRTC media

Start at: 2018-08-22 05:24:34
End at: 2018-08-22 05:25:04
Local clock offset: 3.295 ms
Remote clock offset: -34.184 ms

Below is generated by plot.py at 2018-08-22 08:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.34 Mbit/s
95th percentile per-packet one-way delay: 63.364 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.83 Mbit/s
95th percentile per-packet one-way delay: 61.942 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.15 Mbit/s
95th percentile per-packet one-way delay: 63.702 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 62.146 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

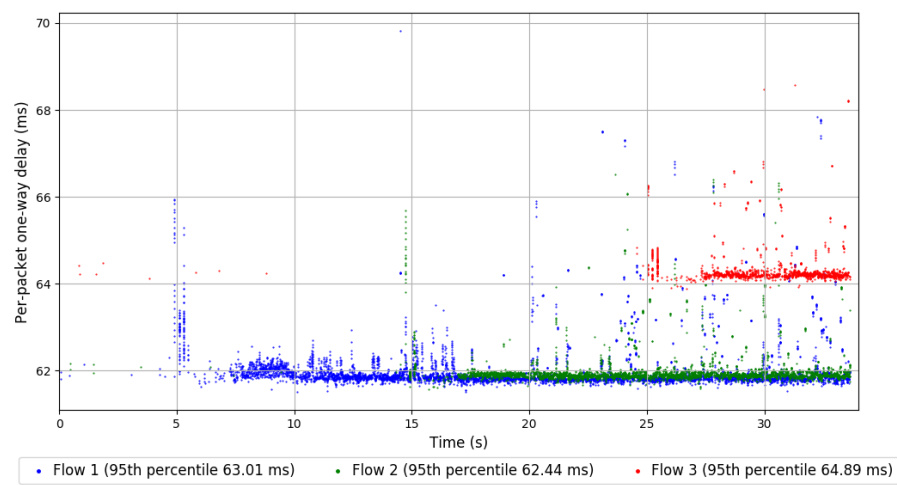
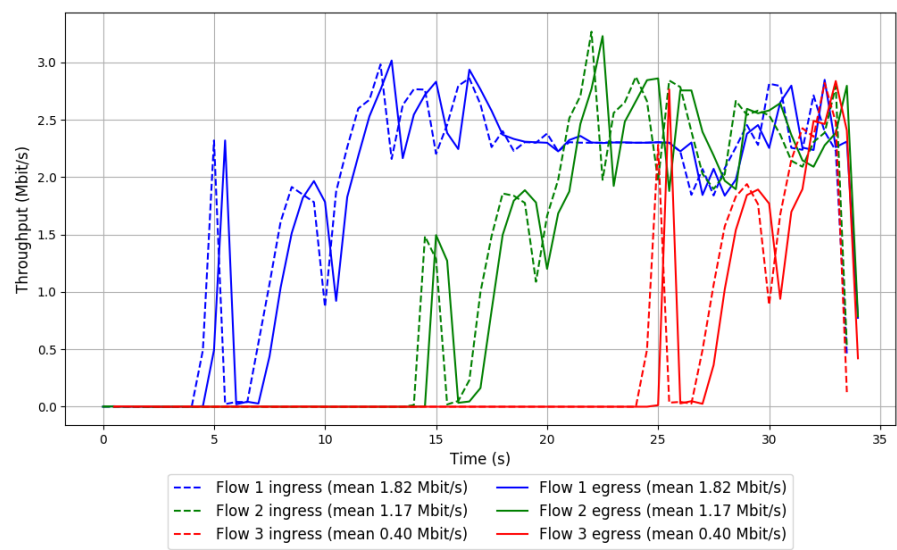


Run 7: Statistics of WebRTC media

Start at: 2018-08-22 05:49:11
End at: 2018-08-22 05:49:41
Local clock offset: 3.259 ms
Remote clock offset: -33.324 ms

Below is generated by plot.py at 2018-08-22 08:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.37 Mbit/s
95th percentile per-packet one-way delay: 64.247 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.82 Mbit/s
95th percentile per-packet one-way delay: 63.010 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 62.436 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 64.894 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

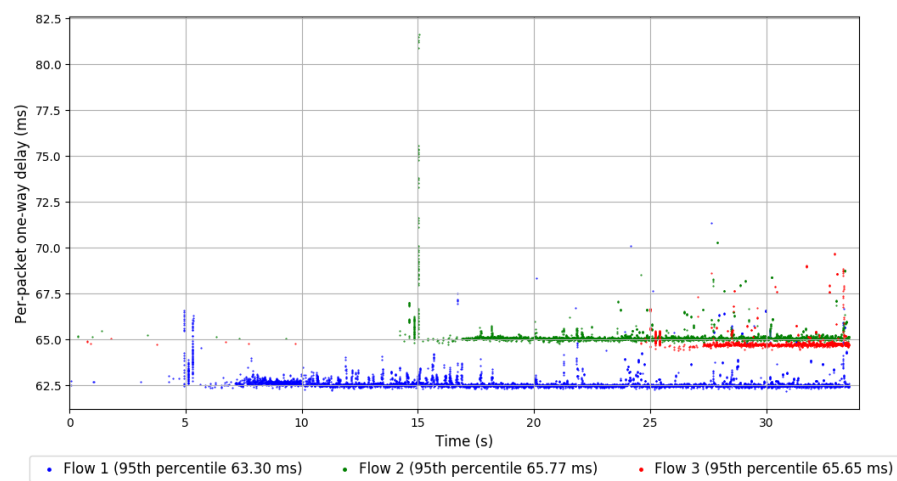
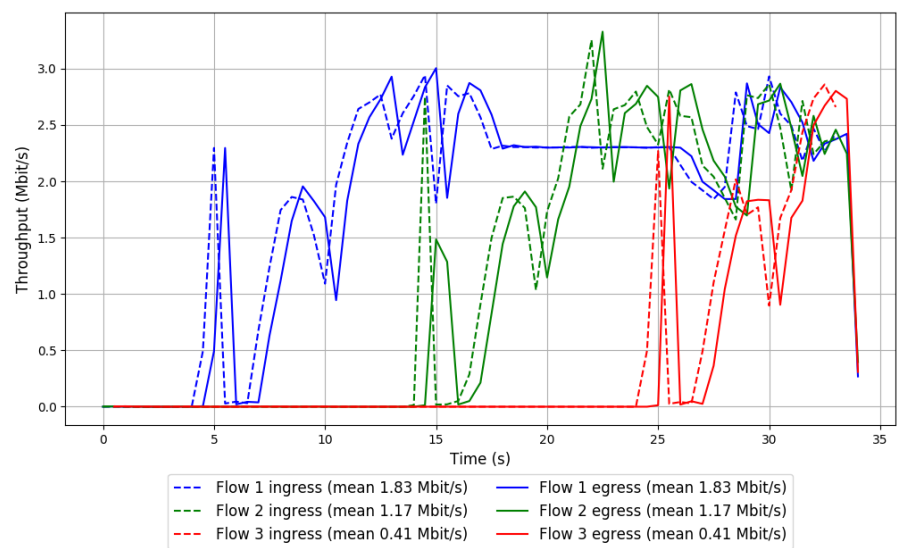


Run 8: Statistics of WebRTC media

Start at: 2018-08-22 06:19:27
End at: 2018-08-22 06:19:57
Local clock offset: -2.681 ms
Remote clock offset: -38.678 ms

Below is generated by plot.py at 2018-08-22 08:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.39 Mbit/s
95th percentile per-packet one-way delay: 65.273 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.83 Mbit/s
95th percentile per-packet one-way delay: 63.305 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 65.769 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 65.650 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

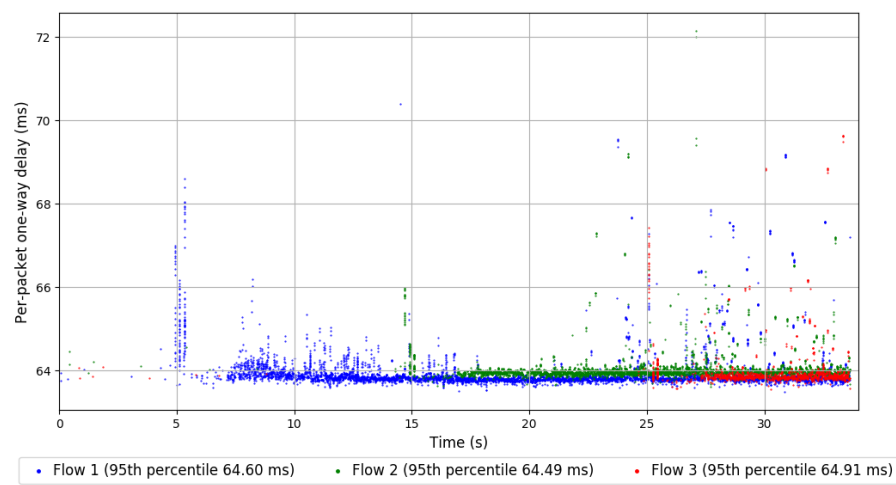
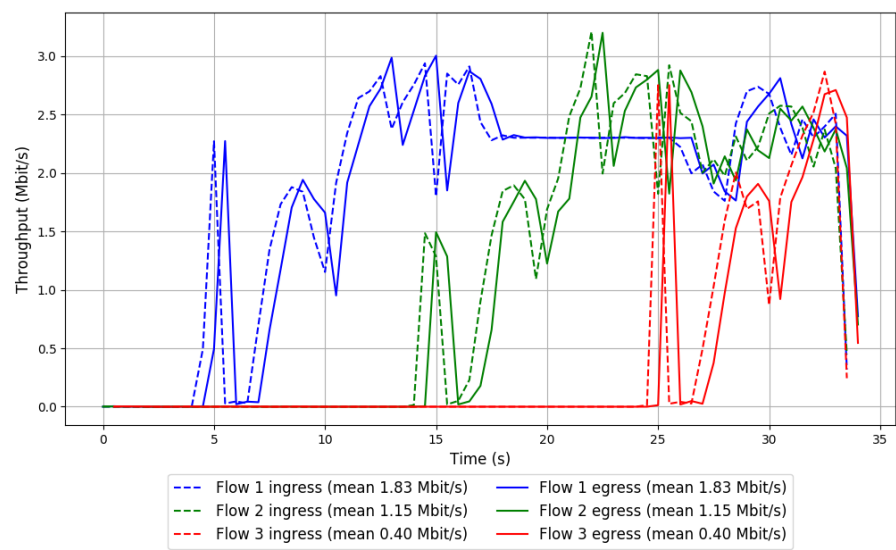


Run 9: Statistics of WebRTC media

Start at: 2018-08-22 06:43:59
End at: 2018-08-22 06:44:29
Local clock offset: -0.768 ms
Remote clock offset: -35.039 ms

Below is generated by plot.py at 2018-08-22 08:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.36 Mbit/s
95th percentile per-packet one-way delay: 64.576 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.83 Mbit/s
95th percentile per-packet one-way delay: 64.600 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.15 Mbit/s
95th percentile per-packet one-way delay: 64.490 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 64.911 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-08-22 07:08:33
End at: 2018-08-22 07:09:03
Local clock offset: 0.407 ms
Remote clock offset: -32.825 ms

Below is generated by plot.py at 2018-08-22 08:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.32 Mbit/s
95th percentile per-packet one-way delay: 67.728 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.81 Mbit/s
95th percentile per-packet one-way delay: 68.164 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.15 Mbit/s
95th percentile per-packet one-way delay: 65.556 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 66.549 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

