

Pantheon Report

Generated at 2018-07-04 22:58:18 (UTC).

Data path: GCE Sydney Ethernet (*local*) → GCE London 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.

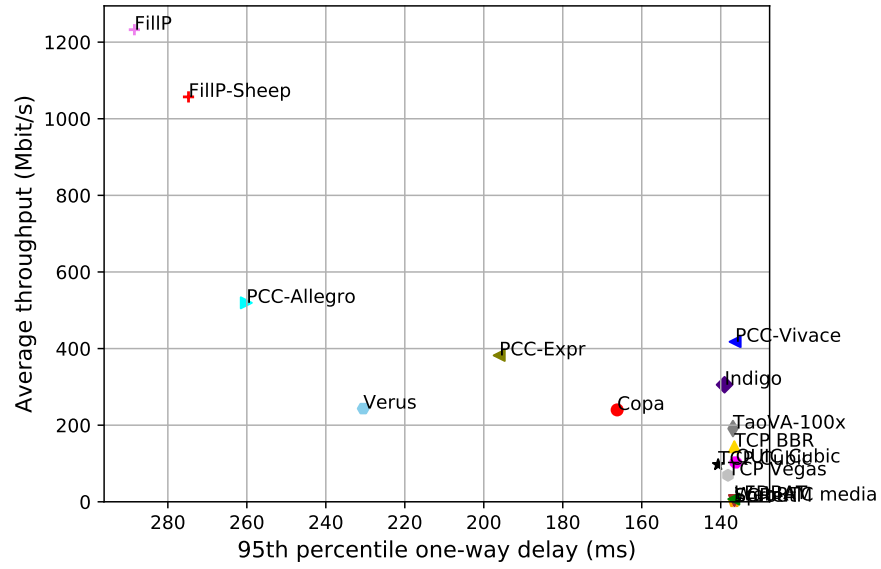
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

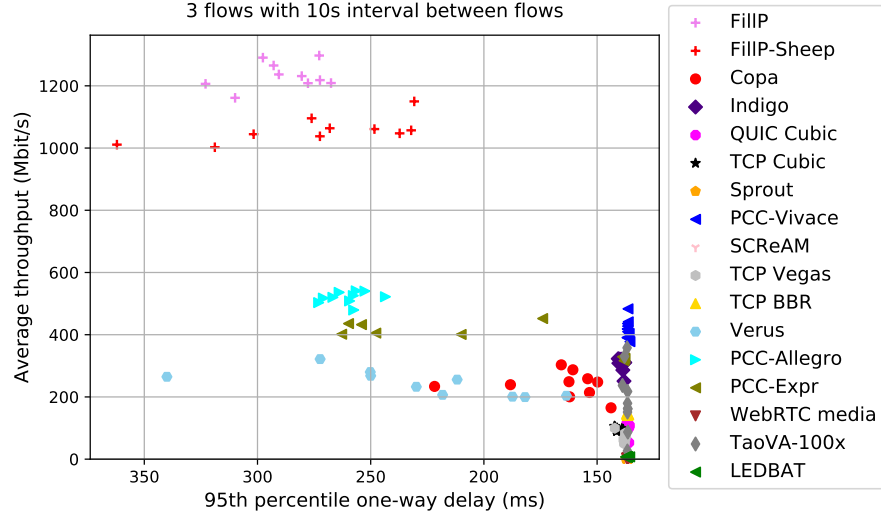
Git summary:

```
branch: master @ 9250dbeec7fb57193cdff1ba8c440b4e16ab30f0
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ 37162fe9af85249aeccac061c93e75640ef710b5
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
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-quirk @ 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 GCE Sydney to GCE London, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows (mean of all runs by scheme)



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



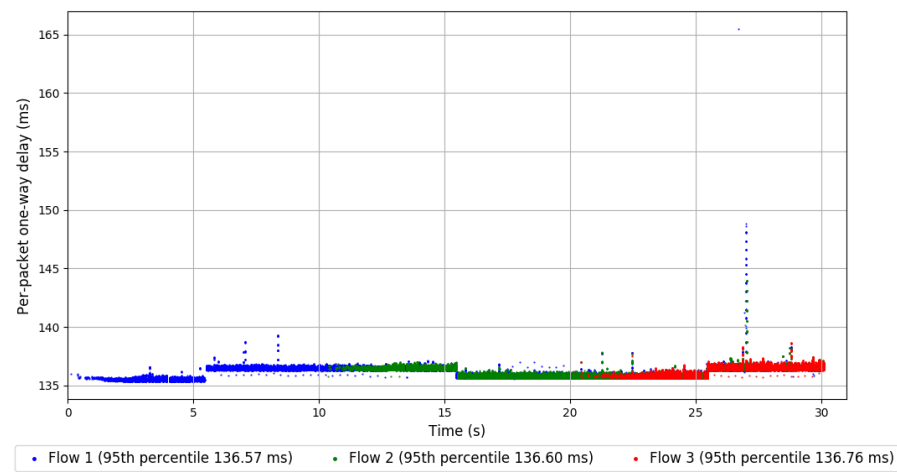
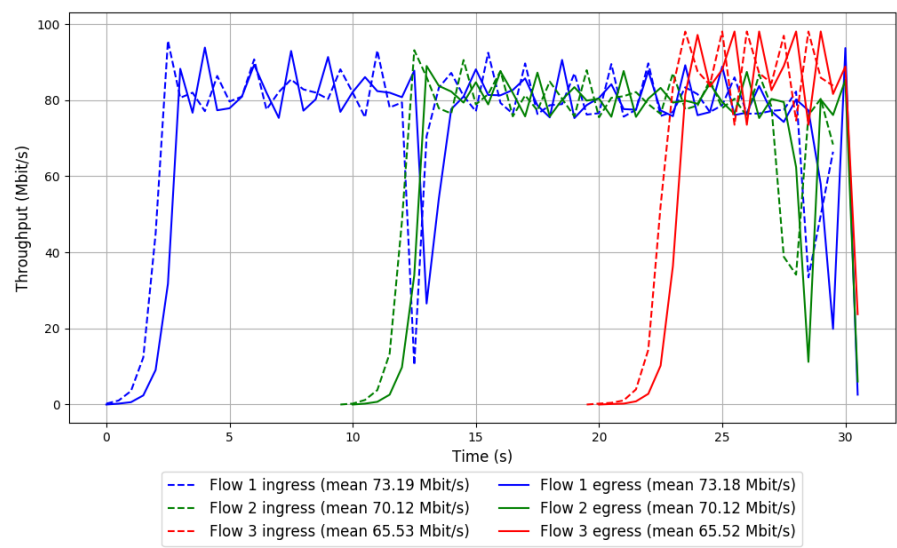
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	74.66	71.39	65.18	136.54	136.45	136.36	0.00	0.00	0.00
Copa	10	150.65	91.46	86.58	164.95	158.52	159.36	0.20	0.06	0.19
TCP Cubic	10	53.04	45.24	41.74	140.40	139.78	140.51	0.00	0.01	0.05
FillP	10	678.99	600.75	464.36	263.46	298.31	265.94	1.89	1.94	0.94
FillP-Sheep	10	584.90	509.89	402.33	285.32	244.95	175.53	1.73	0.88	0.49
Indigo	10	162.42	154.50	127.29	137.72	139.87	146.25	0.00	0.00	0.00
LEDBAT	10	4.71	3.02	1.30	136.69	136.70	136.61	0.00	0.00	0.00
PCC-Allegro	10	482.14	44.25	23.89	260.16	259.35	261.33	1.95	1.12	2.13
PCC-Expr	10	242.61	173.01	74.14	192.90	197.58	206.55	0.51	0.68	1.57
QUIC Cubic	10	50.05	58.30	43.69	136.19	135.82	135.93	0.00	0.00	0.00
SCReAM	10	0.22	0.22	0.22	136.51	136.17	135.98	0.00	0.00	0.00
Sprout	10	0.17	0.18	0.23	136.50	136.57	136.41	0.00	0.00	0.00
TaoVA-100x	10	56.09	145.14	115.75	136.57	136.68	138.56	0.00	0.00	0.02
TCP Vegas	10	33.55	39.35	28.44	137.67	138.66	138.56	0.00	0.03	0.00
Verus	10	154.10	109.43	54.41	209.59	231.10	229.27	0.81	2.53	2.77
PCC-Vivace	10	257.06	185.26	113.69	136.29	137.30	136.38	0.00	0.08	0.00
WebRTC media	10	1.83	1.09	0.37	136.09	136.22	136.40	0.01	0.00	0.01

Run 1: Statistics of TCP BBR

Start at: 2018-07-04 16:07:23
End at: 2018-07-04 16:07:53
Local clock offset: 0.078 ms
Remote clock offset: -0.215 ms

Below is generated by plot.py at 2018-07-04 20:48:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 141.59 Mbit/s
95th percentile per-packet one-way delay: 136.630 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 73.18 Mbit/s
95th percentile per-packet one-way delay: 136.568 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 70.12 Mbit/s
95th percentile per-packet one-way delay: 136.599 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 65.52 Mbit/s
95th percentile per-packet one-way delay: 136.762 ms
Loss rate: 0.01%

Run 1: Report of TCP BBR — Data Link

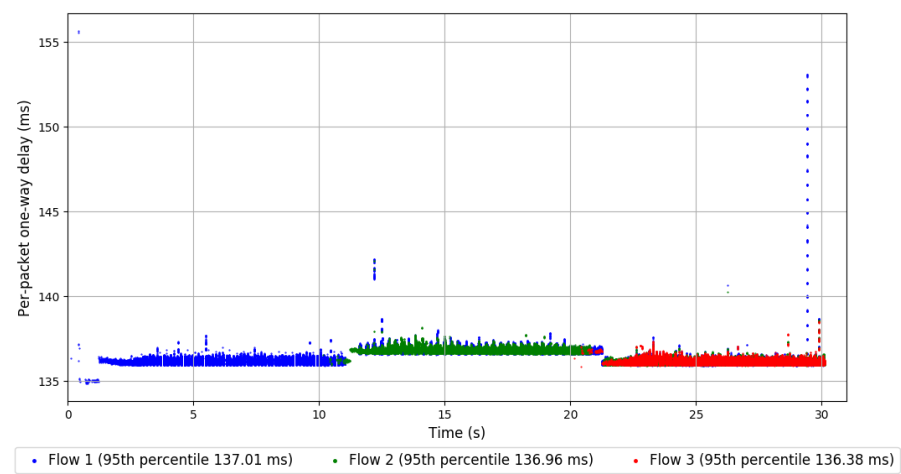
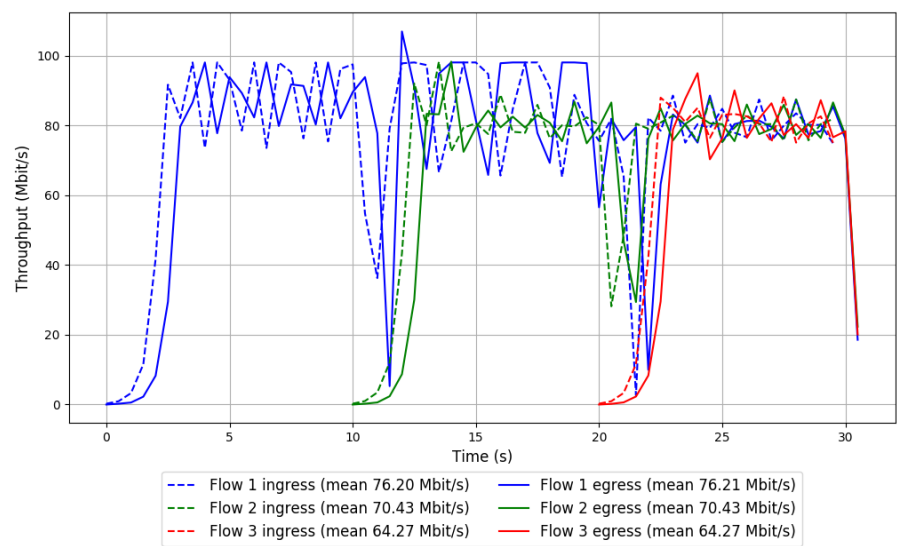


Run 2: Statistics of TCP BBR

Start at: 2018-07-04 16:34:27
End at: 2018-07-04 16:34:57
Local clock offset: -0.194 ms
Remote clock offset: -0.205 ms

Below is generated by plot.py at 2018-07-04 20:48:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 144.39 Mbit/s
95th percentile per-packet one-way delay: 136.974 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 76.21 Mbit/s
95th percentile per-packet one-way delay: 137.007 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 70.43 Mbit/s
95th percentile per-packet one-way delay: 136.964 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 64.27 Mbit/s
95th percentile per-packet one-way delay: 136.375 ms
Loss rate: 0.00%

Run 2: Report of TCP BBR — Data Link

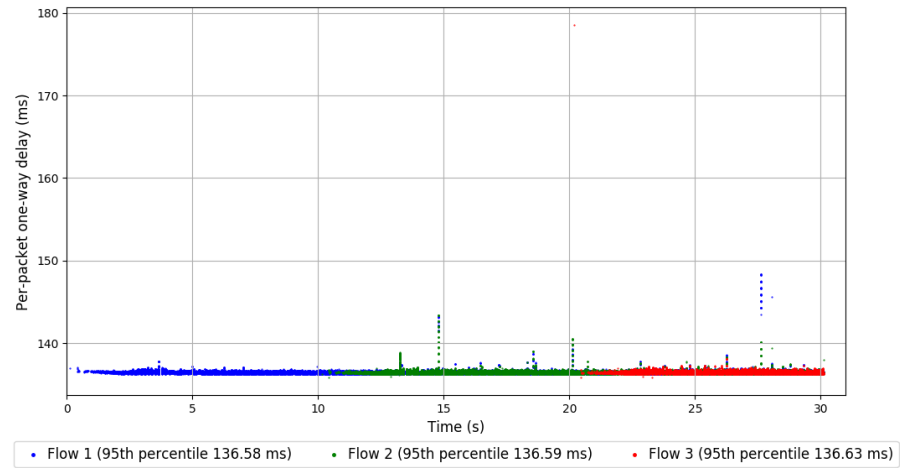
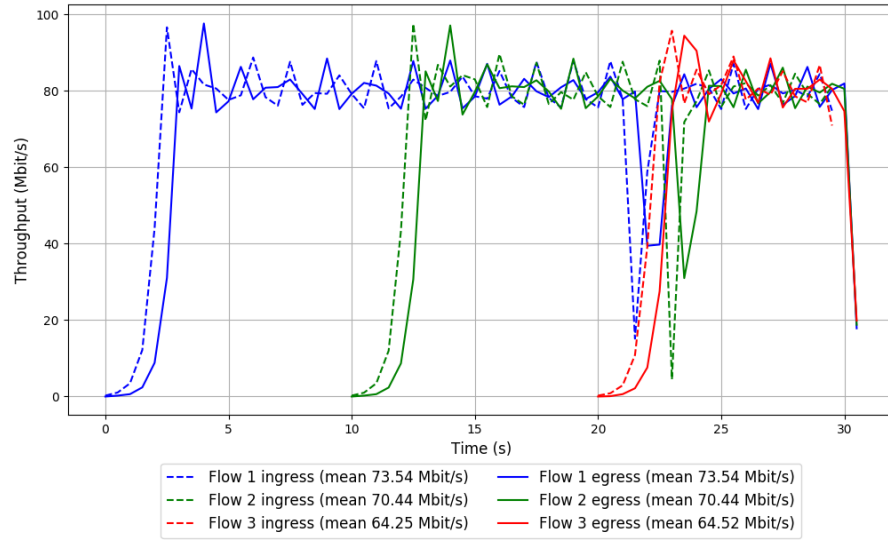


Run 3: Statistics of TCP BBR

Start at: 2018-07-04 17:01:34
End at: 2018-07-04 17:02:04
Local clock offset: 0.048 ms
Remote clock offset: -0.206 ms

Below is generated by plot.py at 2018-07-04 20:48:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 141.80 Mbit/s
95th percentile per-packet one-way delay: 136.590 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 73.54 Mbit/s
95th percentile per-packet one-way delay: 136.577 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 70.44 Mbit/s
95th percentile per-packet one-way delay: 136.589 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 64.52 Mbit/s
95th percentile per-packet one-way delay: 136.631 ms
Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link

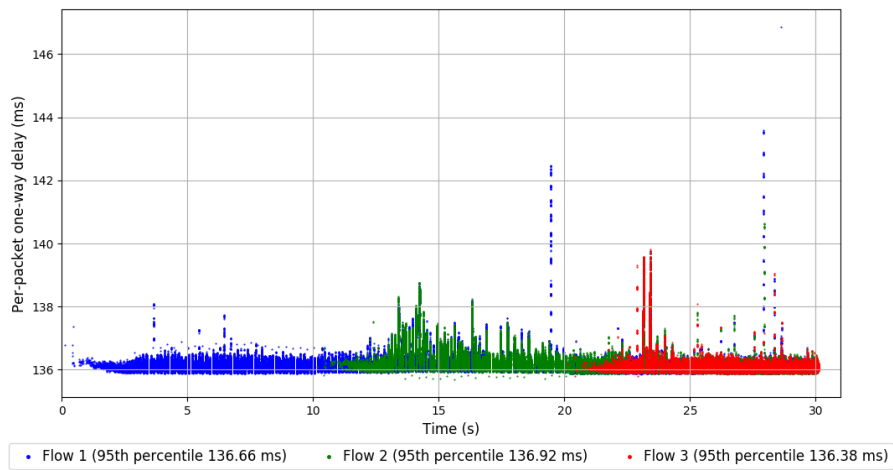
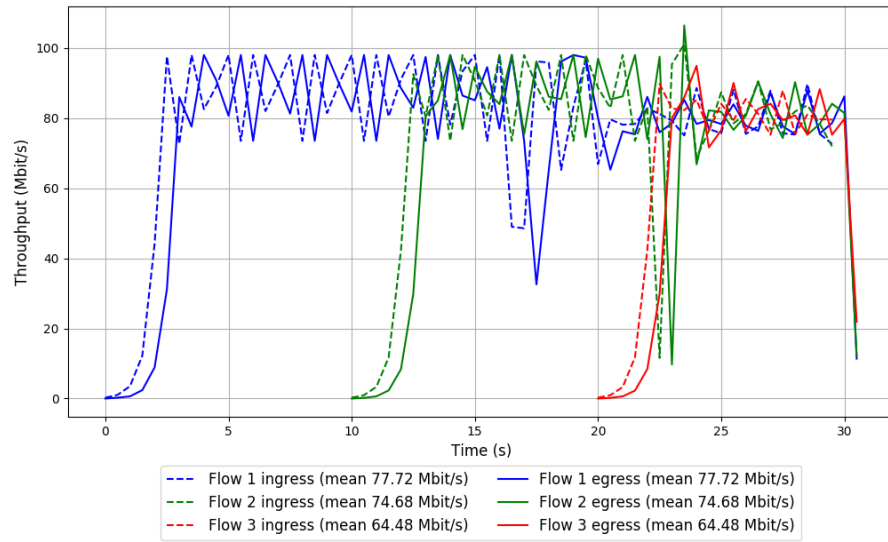


Run 4: Statistics of TCP BBR

Start at: 2018-07-04 17:28:48
End at: 2018-07-04 17:29:18
Local clock offset: -0.013 ms
Remote clock offset: -0.205 ms

Below is generated by plot.py at 2018-07-04 20:48:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 148.52 Mbit/s
95th percentile per-packet one-way delay: 136.743 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 77.72 Mbit/s
95th percentile per-packet one-way delay: 136.661 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 74.68 Mbit/s
95th percentile per-packet one-way delay: 136.919 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 64.48 Mbit/s
95th percentile per-packet one-way delay: 136.378 ms
Loss rate: 0.00%

Run 4: Report of TCP BBR — Data Link

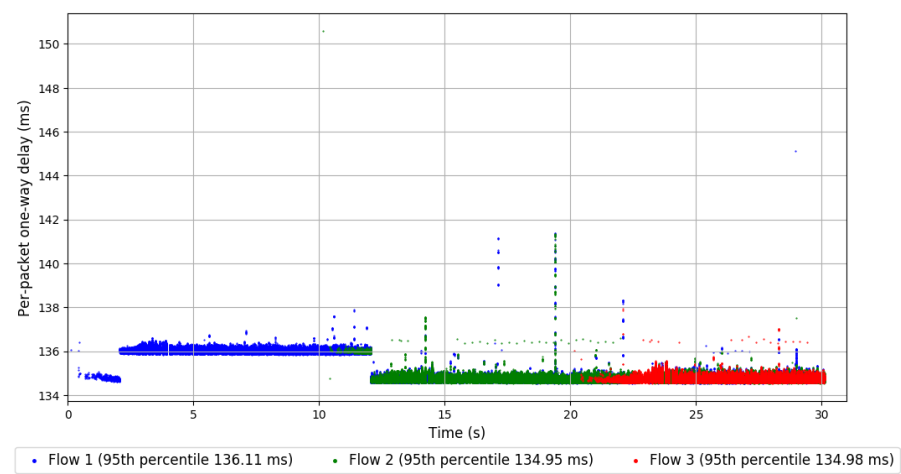
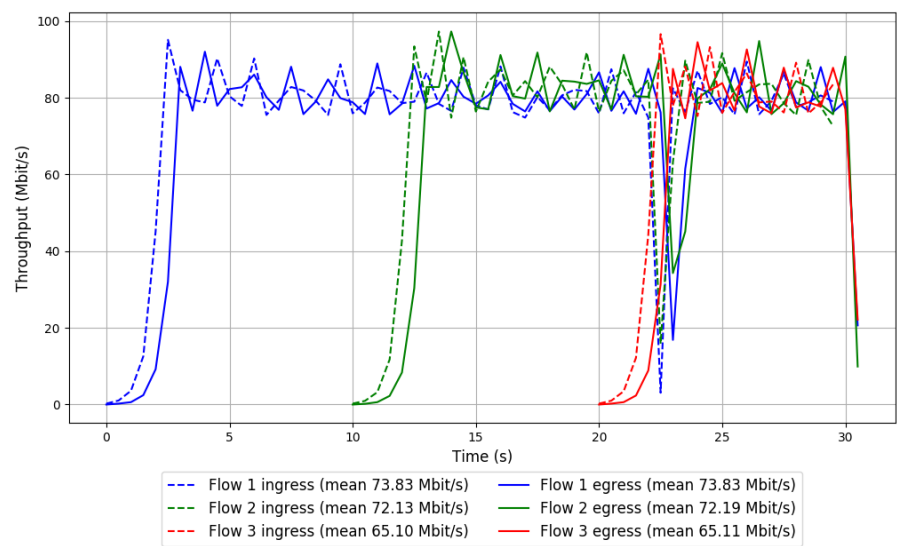


Run 5: Statistics of TCP BBR

Start at: 2018-07-04 17:55:46
End at: 2018-07-04 17:56:16
Local clock offset: -0.037 ms
Remote clock offset: -0.201 ms

Below is generated by plot.py at 2018-07-04 20:48:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 143.52 Mbit/s
95th percentile per-packet one-way delay: 136.068 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 73.83 Mbit/s
95th percentile per-packet one-way delay: 136.114 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 72.19 Mbit/s
95th percentile per-packet one-way delay: 134.954 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 65.11 Mbit/s
95th percentile per-packet one-way delay: 134.976 ms
Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link

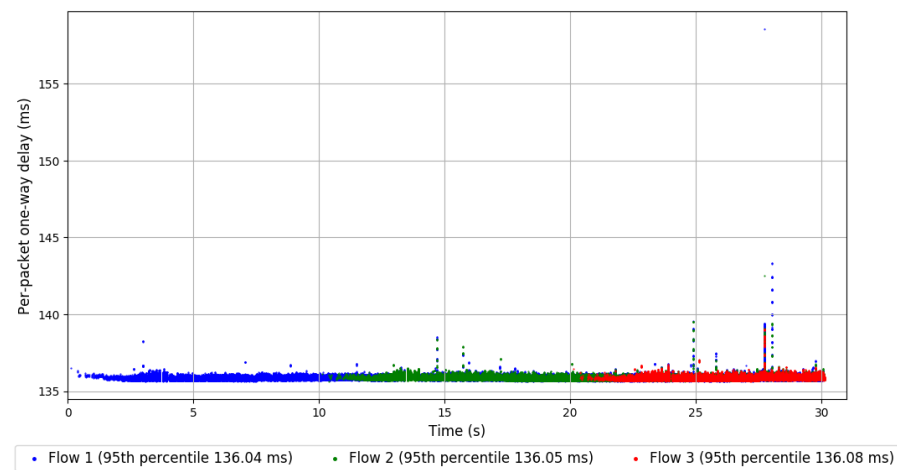
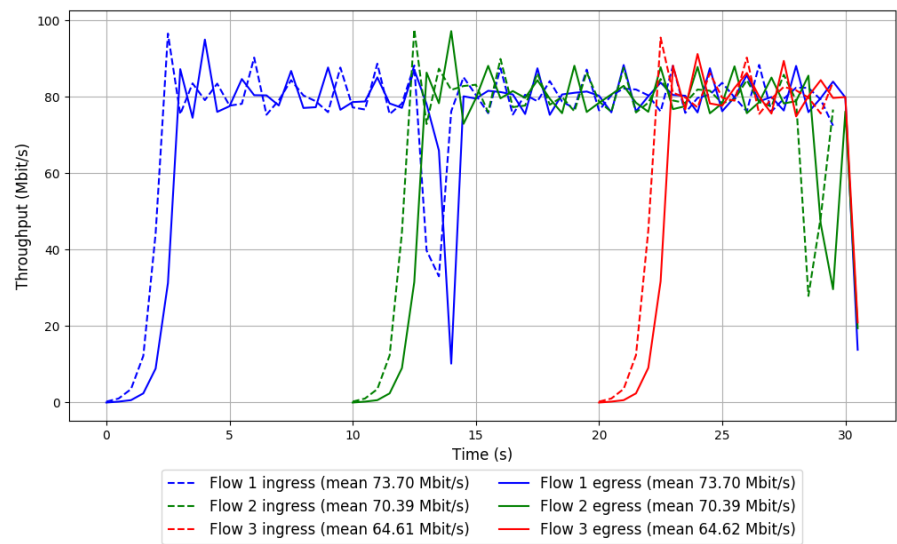


Run 6: Statistics of TCP BBR

Start at: 2018-07-04 18:22:41
End at: 2018-07-04 18:23:11
Local clock offset: 0.063 ms
Remote clock offset: -0.214 ms

Below is generated by plot.py at 2018-07-04 20:48:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 141.99 Mbit/s
95th percentile per-packet one-way delay: 136.050 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 73.70 Mbit/s
95th percentile per-packet one-way delay: 136.042 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 70.39 Mbit/s
95th percentile per-packet one-way delay: 136.053 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 64.62 Mbit/s
95th percentile per-packet one-way delay: 136.076 ms
Loss rate: 0.00%

Run 6: Report of TCP BBR — Data Link

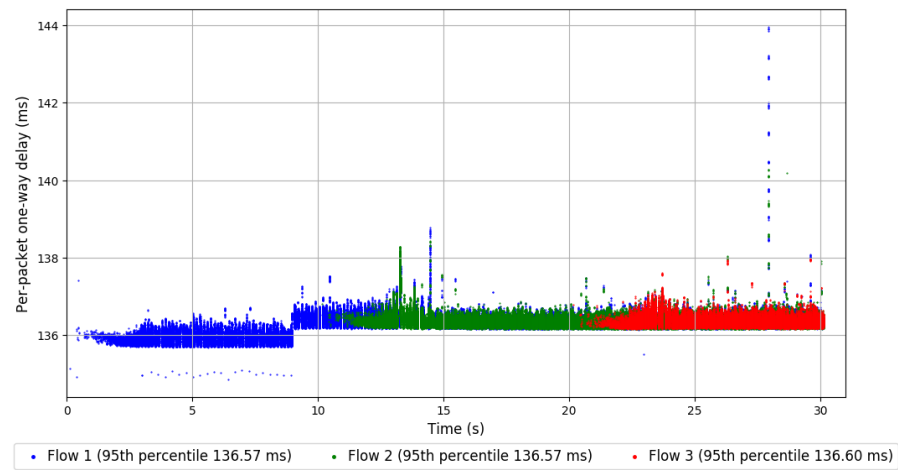
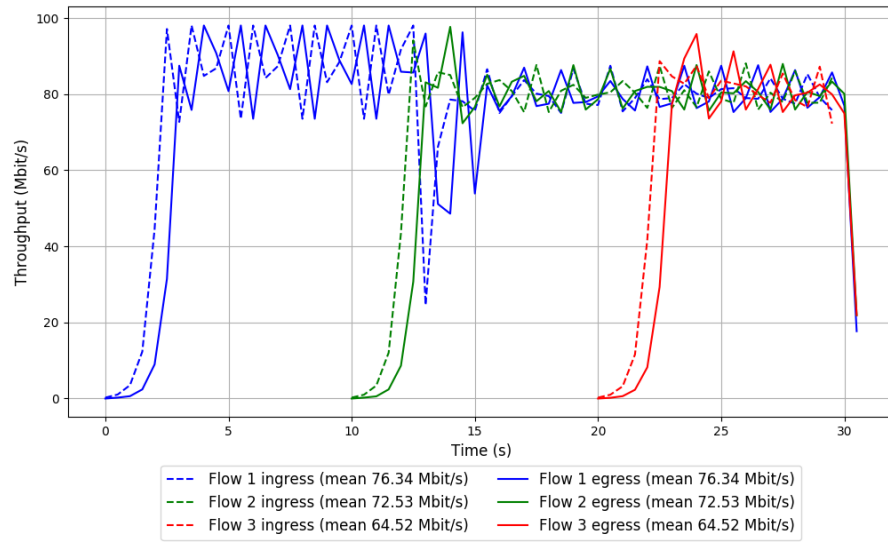


Run 7: Statistics of TCP BBR

Start at: 2018-07-04 18:49:39
End at: 2018-07-04 18:50:09
Local clock offset: 0.03 ms
Remote clock offset: -0.275 ms

Below is generated by plot.py at 2018-07-04 20:48:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 145.99 Mbit/s
95th percentile per-packet one-way delay: 136.579 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 76.34 Mbit/s
95th percentile per-packet one-way delay: 136.575 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 72.53 Mbit/s
95th percentile per-packet one-way delay: 136.574 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 64.52 Mbit/s
95th percentile per-packet one-way delay: 136.603 ms
Loss rate: 0.01%

Run 7: Report of TCP BBR — Data Link

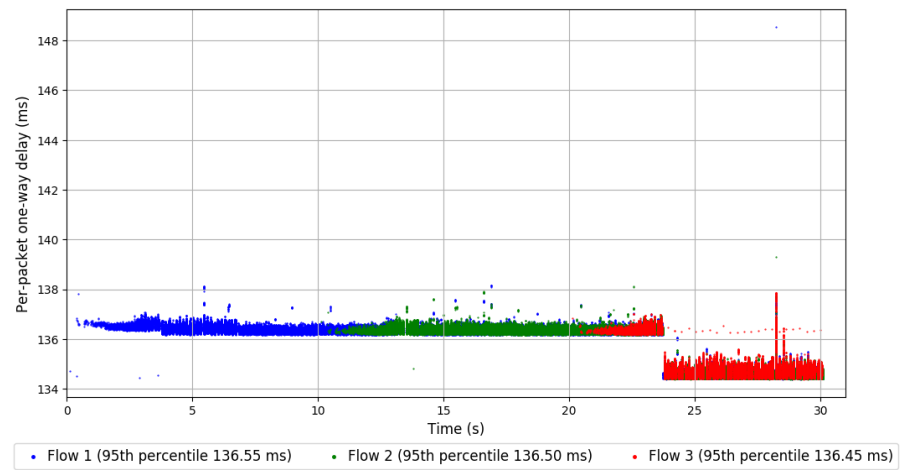
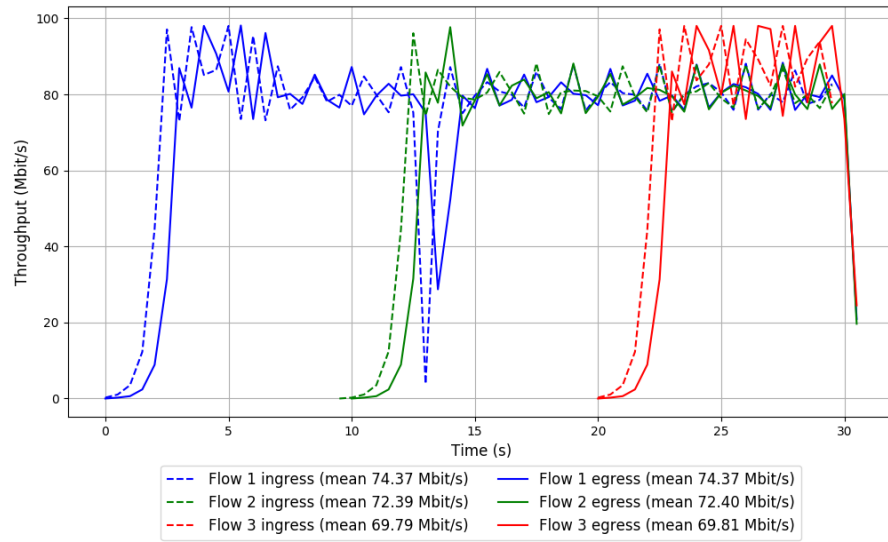


Run 8: Statistics of TCP BBR

Start at: 2018-07-04 19:16:25
End at: 2018-07-04 19:16:55
Local clock offset: 0.073 ms
Remote clock offset: -0.165 ms

Below is generated by plot.py at 2018-07-04 20:48:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 145.69 Mbit/s
95th percentile per-packet one-way delay: 136.528 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 74.37 Mbit/s
95th percentile per-packet one-way delay: 136.553 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 72.40 Mbit/s
95th percentile per-packet one-way delay: 136.502 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 69.81 Mbit/s
95th percentile per-packet one-way delay: 136.448 ms
Loss rate: 0.00%

Run 8: Report of TCP BBR — Data Link

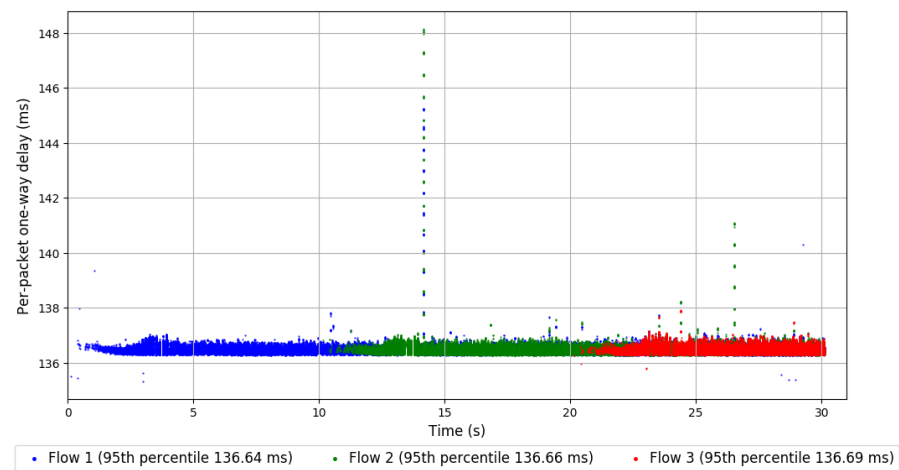
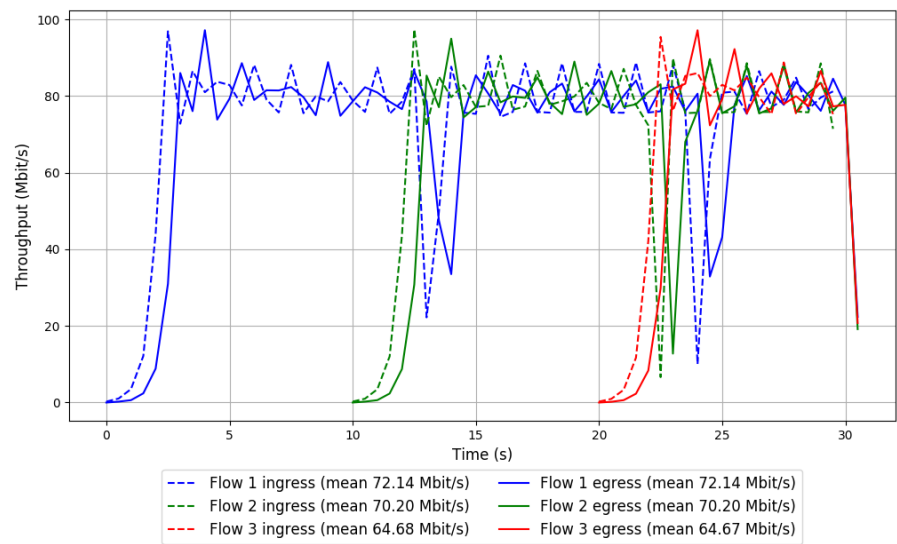


Run 9: Statistics of TCP BBR

Start at: 2018-07-04 19:43:07
End at: 2018-07-04 19:43:37
Local clock offset: -0.033 ms
Remote clock offset: -0.141 ms

Below is generated by plot.py at 2018-07-04 20:50:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 140.37 Mbit/s
95th percentile per-packet one-way delay: 136.657 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 72.14 Mbit/s
95th percentile per-packet one-way delay: 136.643 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 70.20 Mbit/s
95th percentile per-packet one-way delay: 136.660 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 64.67 Mbit/s
95th percentile per-packet one-way delay: 136.694 ms
Loss rate: 0.02%

Run 9: Report of TCP BBR — Data Link

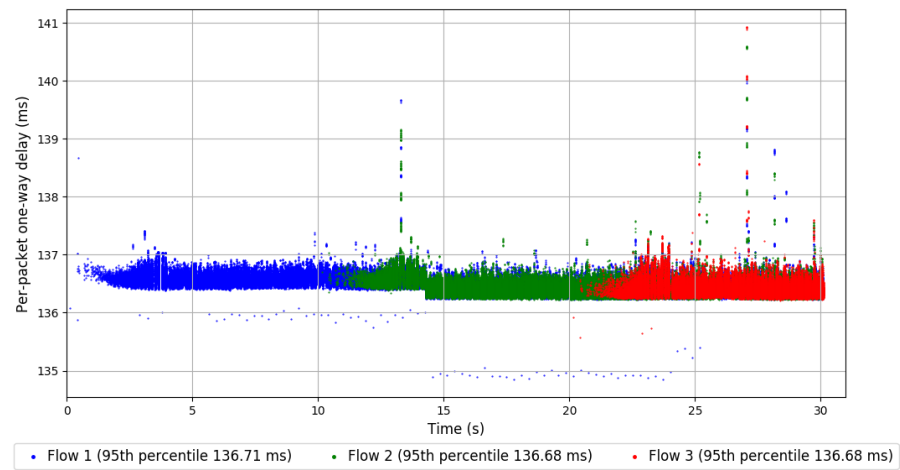
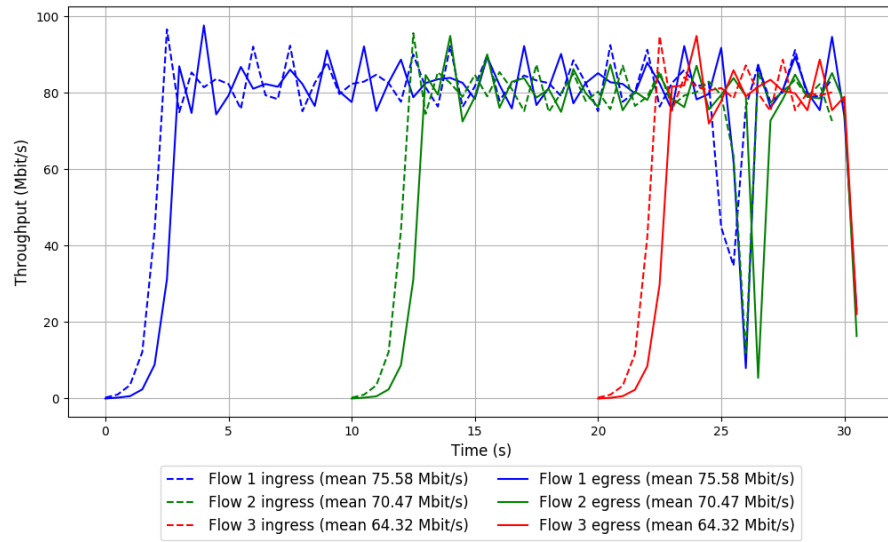


Run 10: Statistics of TCP BBR

Start at: 2018-07-04 20:09:34
End at: 2018-07-04 20:10:04
Local clock offset: 0.061 ms
Remote clock offset: -0.036 ms

Below is generated by plot.py at 2018-07-04 20:50:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 143.74 Mbit/s
95th percentile per-packet one-way delay: 136.697 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 75.58 Mbit/s
95th percentile per-packet one-way delay: 136.709 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 70.47 Mbit/s
95th percentile per-packet one-way delay: 136.675 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 64.32 Mbit/s
95th percentile per-packet one-way delay: 136.679 ms
Loss rate: 0.00%

Run 10: Report of TCP BBR — Data Link

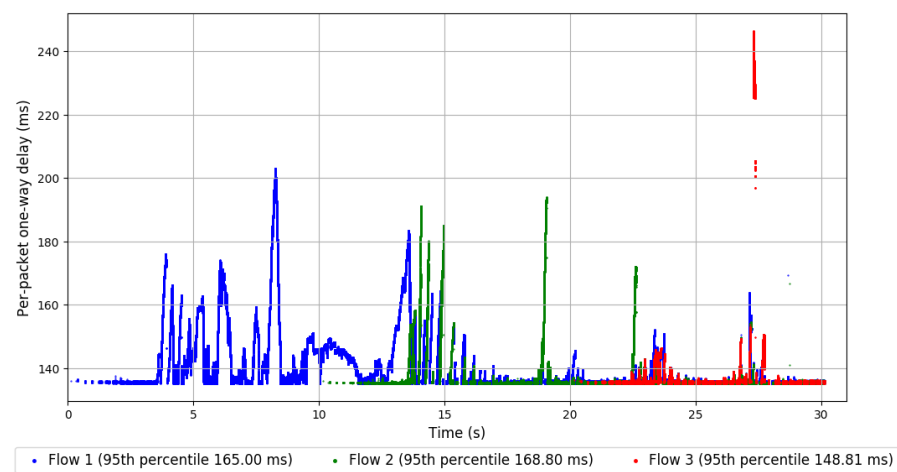
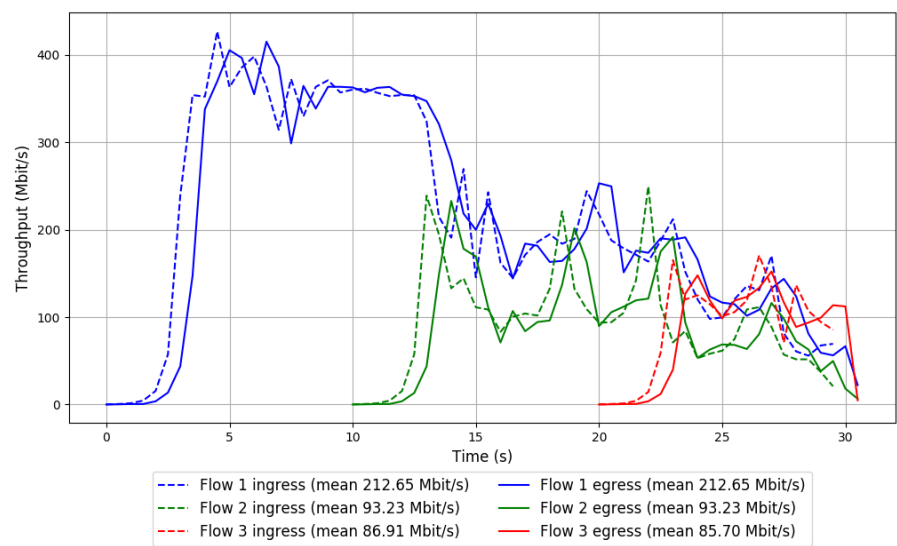


Run 1: Statistics of Copa

Start at: 2018-07-04 16:17:09
End at: 2018-07-04 16:17:39
Local clock offset: 0.051 ms
Remote clock offset: -0.602 ms

Below is generated by plot.py at 2018-07-04 20:57:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 303.18 Mbit/s
95th percentile per-packet one-way delay: 165.814 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 212.65 Mbit/s
95th percentile per-packet one-way delay: 164.995 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 93.23 Mbit/s
95th percentile per-packet one-way delay: 168.804 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 85.70 Mbit/s
95th percentile per-packet one-way delay: 148.807 ms
Loss rate: 1.39%

Run 1: Report of Copa — Data Link

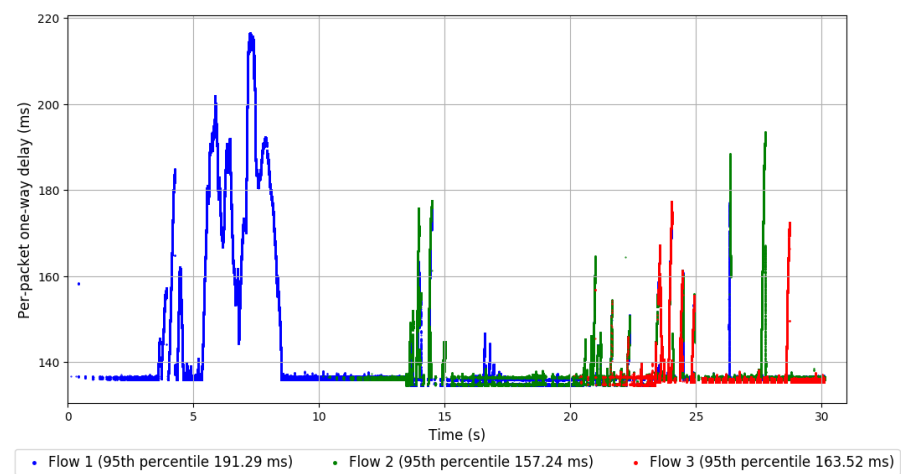
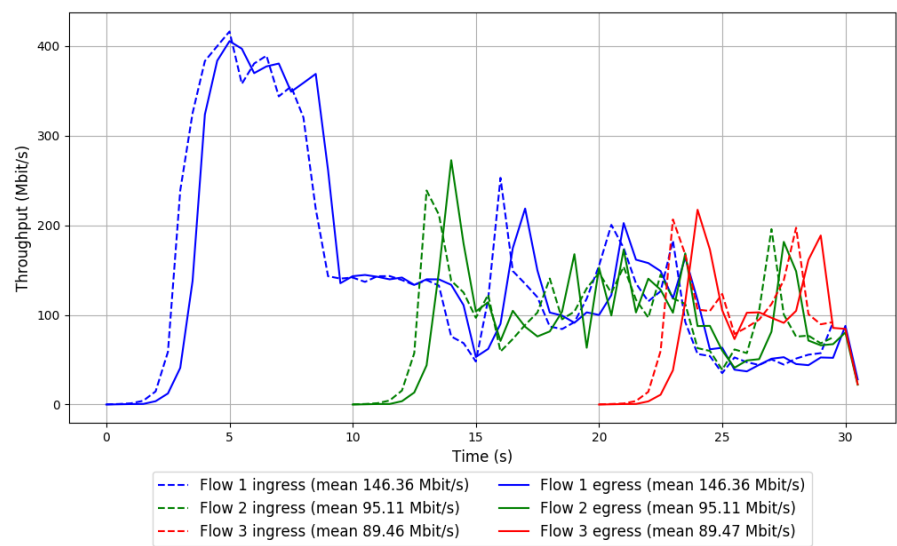


Run 2: Statistics of Copa

Start at: 2018-07-04 16:44:25
End at: 2018-07-04 16:44:55
Local clock offset: -0.198 ms
Remote clock offset: -0.2 ms

```
# Below is generated by plot.py at 2018-07-04 20:57:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 239.33 Mbit/s
95th percentile per-packet one-way delay: 188.271 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 146.36 Mbit/s
95th percentile per-packet one-way delay: 191.293 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 95.11 Mbit/s
95th percentile per-packet one-way delay: 157.237 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 89.47 Mbit/s
95th percentile per-packet one-way delay: 163.517 ms
Loss rate: 0.00%
```

Run 2: Report of Copa — Data Link

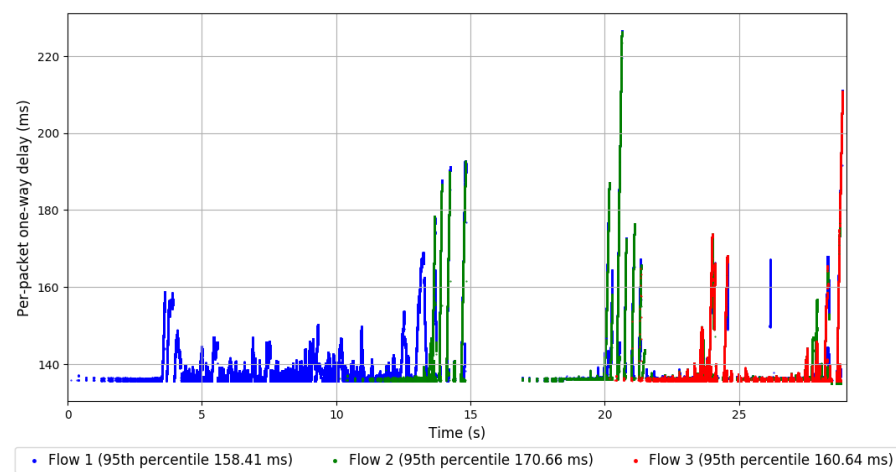
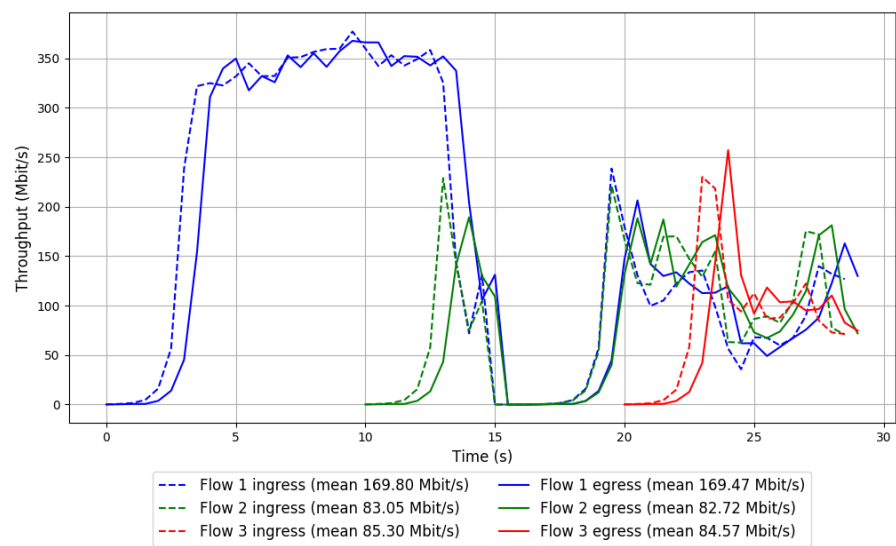


Run 3: Statistics of Copa

Start at: 2018-07-04 17:11:30
End at: 2018-07-04 17:12:00
Local clock offset: -0.178 ms
Remote clock offset: -0.562 ms

```
# Below is generated by plot.py at 2018-07-04 20:57:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 248.93 Mbit/s
95th percentile per-packet one-way delay: 162.427 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 169.47 Mbit/s
95th percentile per-packet one-way delay: 158.414 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 82.72 Mbit/s
95th percentile per-packet one-way delay: 170.663 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 84.57 Mbit/s
95th percentile per-packet one-way delay: 160.638 ms
Loss rate: 0.00%
```


Run 3: Report of Copa — Data Link

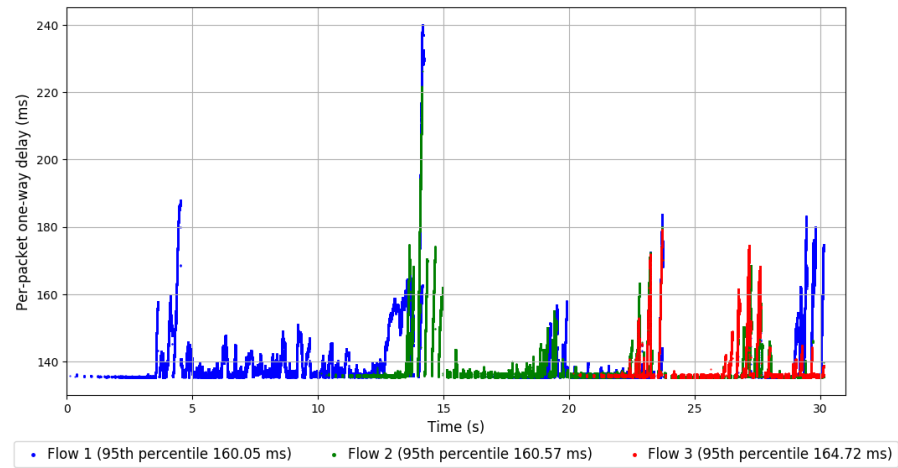
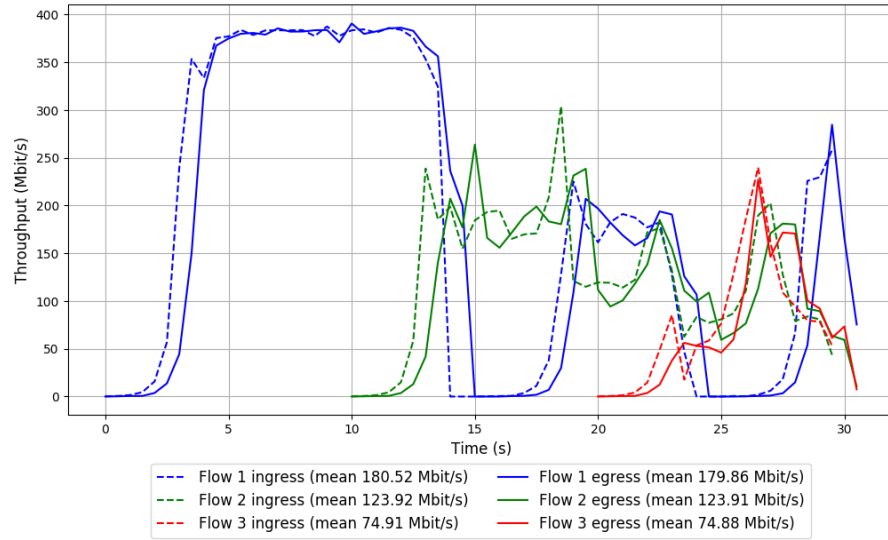


Run 4: Statistics of Copa

Start at: 2018-07-04 17:38:34
End at: 2018-07-04 17:39:04
Local clock offset: 0.185 ms
Remote clock offset: -0.564 ms

```
# Below is generated by plot.py at 2018-07-04 20:57:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 287.25 Mbit/s
95th percentile per-packet one-way delay: 160.700 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 179.86 Mbit/s
95th percentile per-packet one-way delay: 160.049 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 123.91 Mbit/s
95th percentile per-packet one-way delay: 160.572 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 74.88 Mbit/s
95th percentile per-packet one-way delay: 164.716 ms
Loss rate: 0.04%
```

Run 4: Report of Copa — Data Link

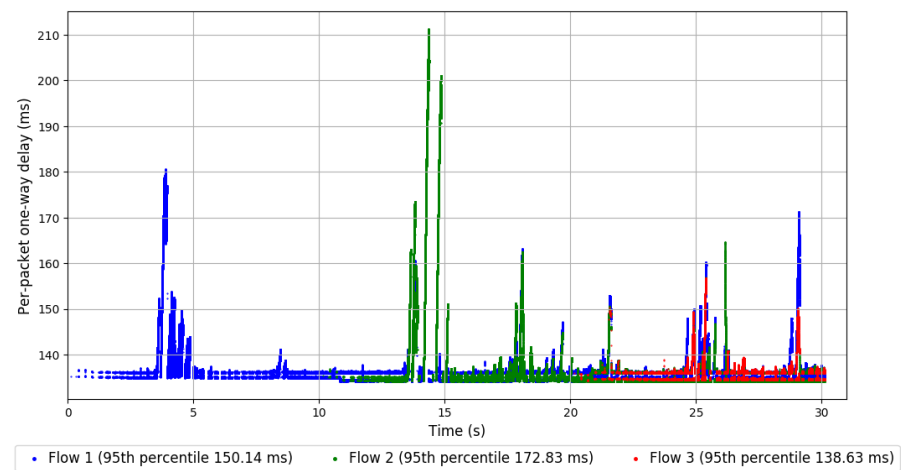
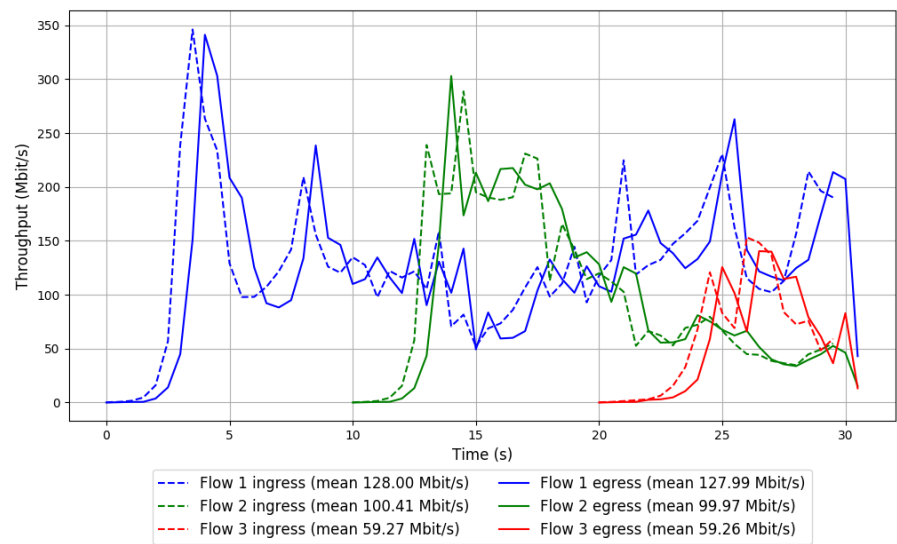


Run 5: Statistics of Copa

Start at: 2018-07-04 18:05:28
End at: 2018-07-04 18:05:58
Local clock offset: -0.129 ms
Remote clock offset: -0.595 ms

```
# Below is generated by plot.py at 2018-07-04 20:57:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 214.25 Mbit/s
95th percentile per-packet one-way delay: 153.368 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 127.99 Mbit/s
95th percentile per-packet one-way delay: 150.136 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 99.97 Mbit/s
95th percentile per-packet one-way delay: 172.829 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 59.26 Mbit/s
95th percentile per-packet one-way delay: 138.628 ms
Loss rate: 0.03%
```

Run 5: Report of Copa — Data Link

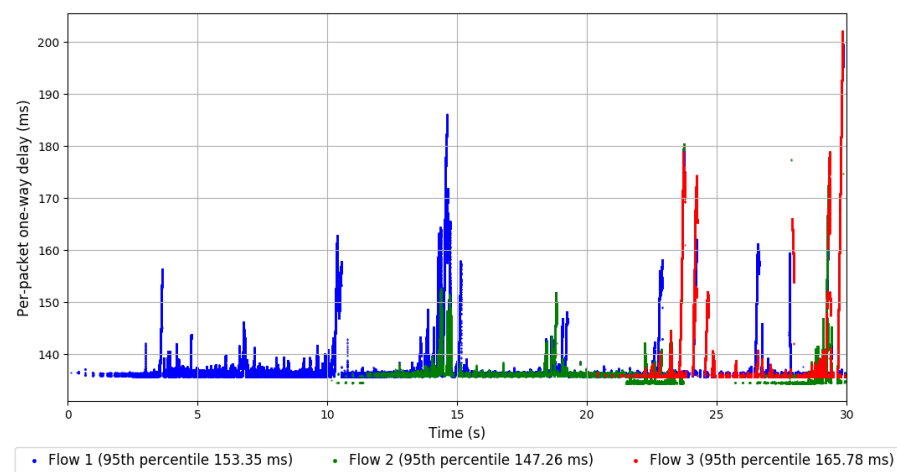
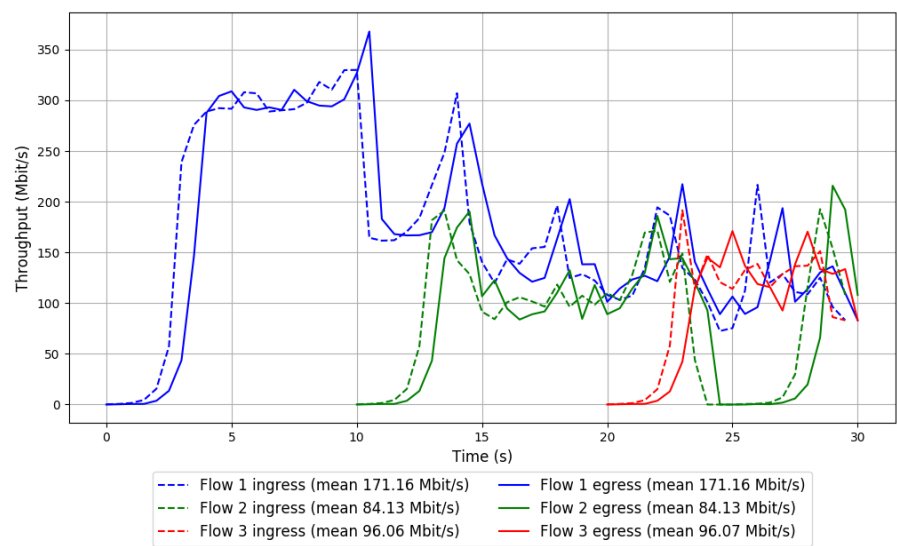


Run 6: Statistics of Copa

Start at: 2018-07-04 18:32:27
End at: 2018-07-04 18:32:57
Local clock offset: -0.013 ms
Remote clock offset: -0.217 ms

```
# Below is generated by plot.py at 2018-07-04 20:57:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 258.48 Mbit/s
95th percentile per-packet one-way delay: 154.163 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 171.16 Mbit/s
95th percentile per-packet one-way delay: 153.346 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 84.13 Mbit/s
95th percentile per-packet one-way delay: 147.261 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 96.07 Mbit/s
95th percentile per-packet one-way delay: 165.778 ms
Loss rate: 0.00%
```

Run 6: Report of Copa — Data Link

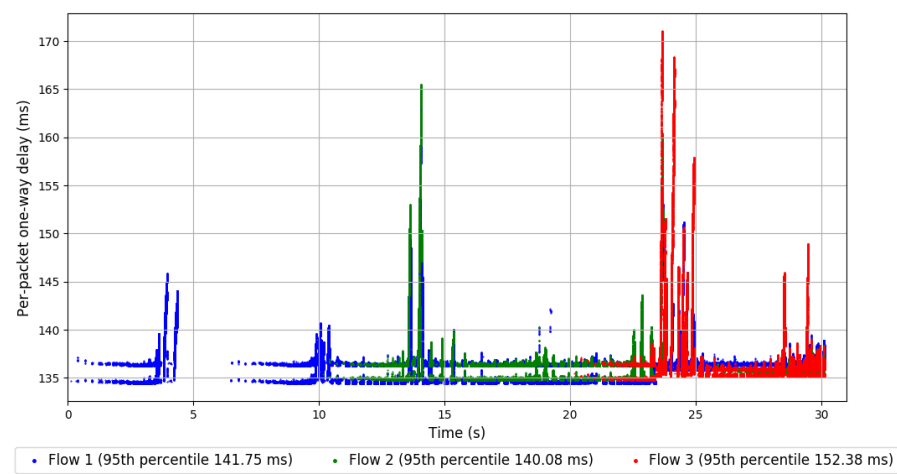
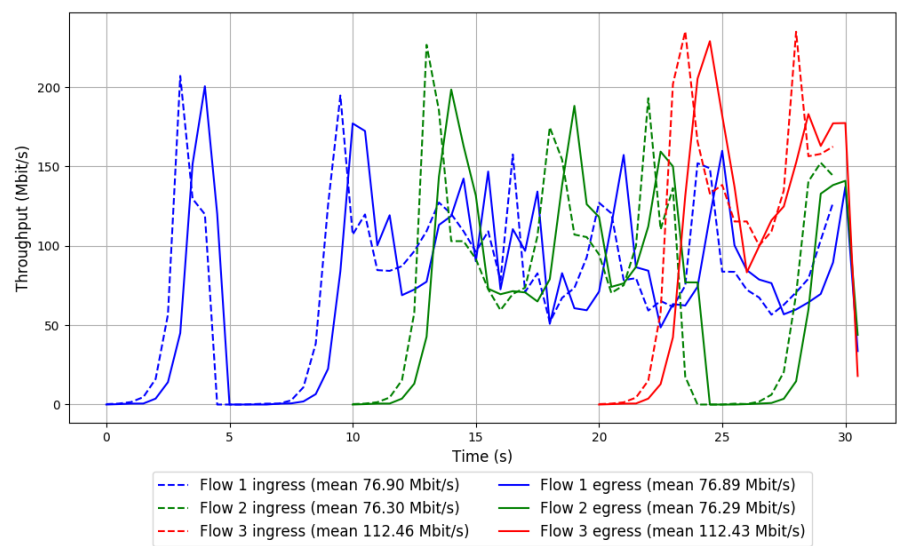


Run 7: Statistics of Copa

Start at: 2018-07-04 18:59:15
End at: 2018-07-04 18:59:45
Local clock offset: 0.016 ms
Remote clock offset: -0.173 ms

Below is generated by plot.py at 2018-07-04 20:57:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 165.05 Mbit/s
95th percentile per-packet one-way delay: 143.842 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 76.89 Mbit/s
95th percentile per-packet one-way delay: 141.754 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 76.29 Mbit/s
95th percentile per-packet one-way delay: 140.082 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 112.43 Mbit/s
95th percentile per-packet one-way delay: 152.384 ms
Loss rate: 0.01%

Run 7: Report of Copa — Data Link

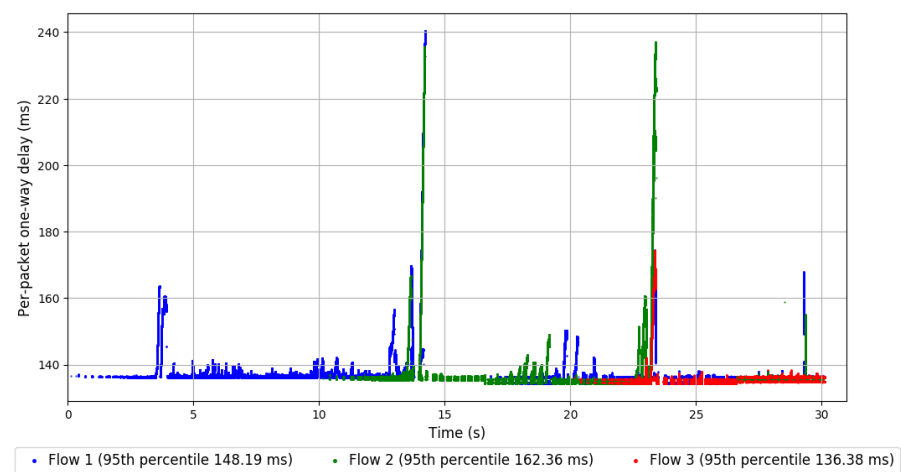
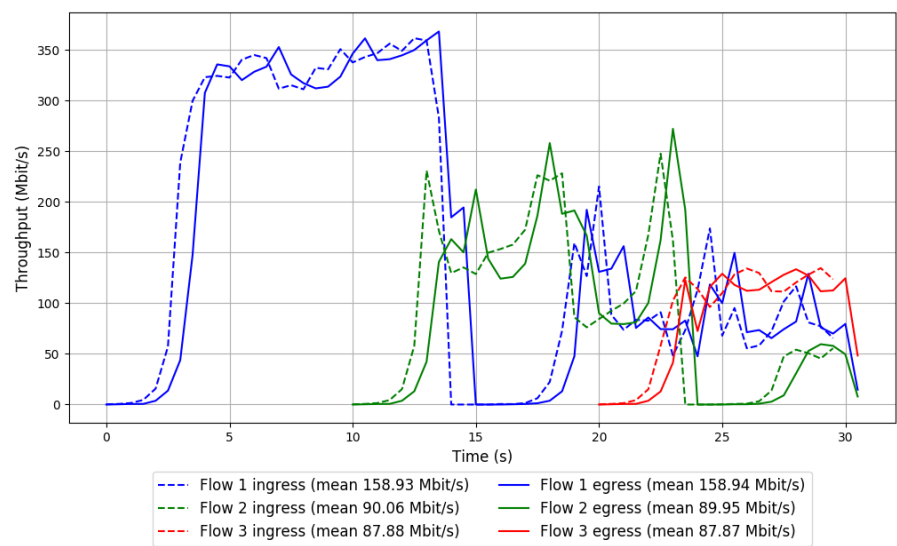


Run 8: Statistics of Copa

Start at: 2018-07-04 19:25:52
End at: 2018-07-04 19:26:22
Local clock offset: 0.028 ms
Remote clock offset: -0.175 ms

Below is generated by plot.py at 2018-07-04 20:58:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 247.86 Mbit/s
95th percentile per-packet one-way delay: 149.755 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 158.94 Mbit/s
95th percentile per-packet one-way delay: 148.187 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 89.95 Mbit/s
95th percentile per-packet one-way delay: 162.359 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 87.87 Mbit/s
95th percentile per-packet one-way delay: 136.382 ms
Loss rate: 0.02%

Run 8: Report of Copa — Data Link

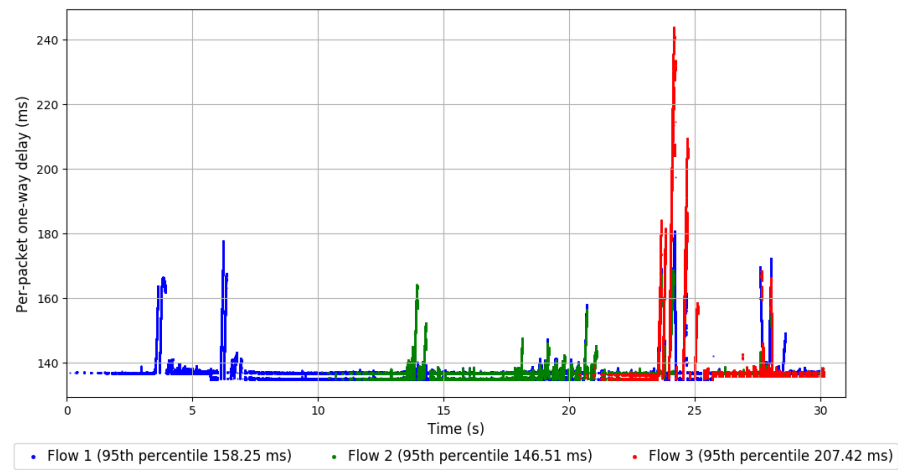
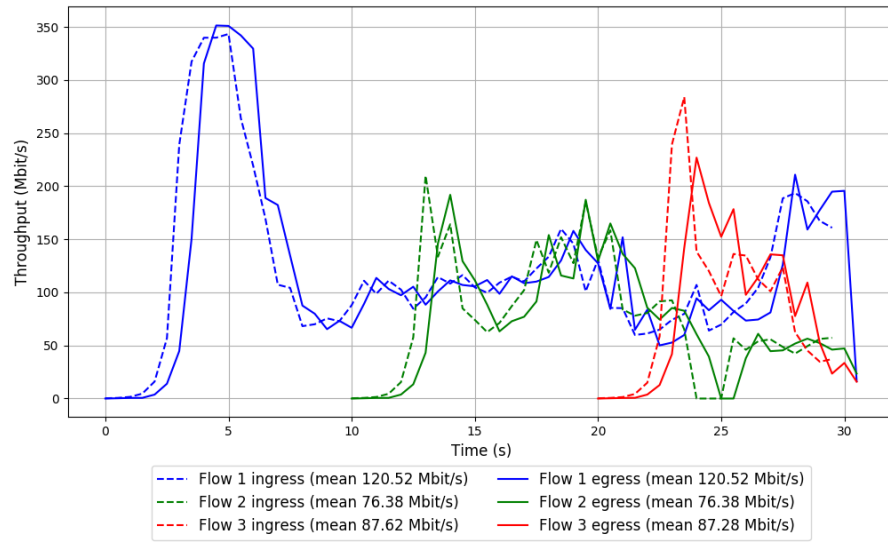


Run 9: Statistics of Copa

Start at: 2018-07-04 19:52:33
End at: 2018-07-04 19:53:03
Local clock offset: -0.256 ms
Remote clock offset: -0.128 ms

Below is generated by plot.py at 2018-07-04 21:01:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 200.37 Mbit/s
95th percentile per-packet one-way delay: 162.139 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 120.52 Mbit/s
95th percentile per-packet one-way delay: 158.250 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 76.38 Mbit/s
95th percentile per-packet one-way delay: 146.510 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 87.28 Mbit/s
95th percentile per-packet one-way delay: 207.416 ms
Loss rate: 0.38%

Run 9: Report of Copa — Data Link

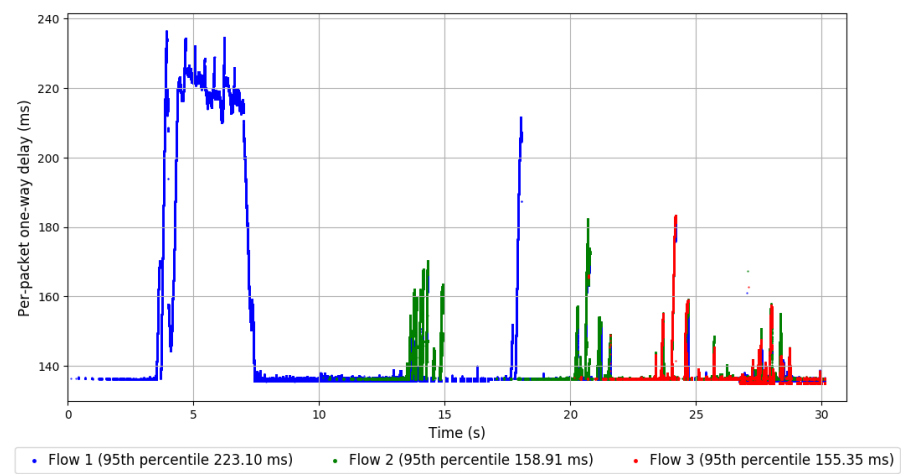
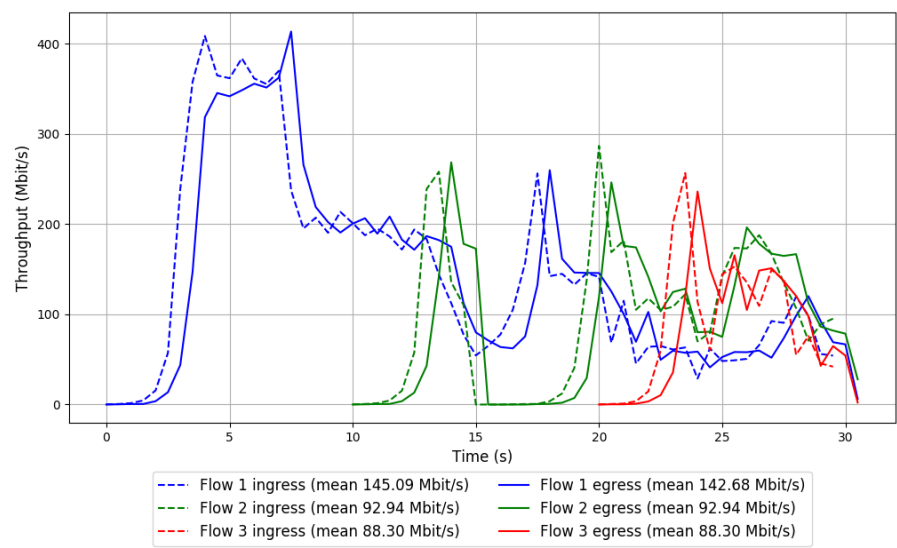


Run 10: Statistics of Copa

Start at: 2018-07-04 20:19:12
End at: 2018-07-04 20:19:42
Local clock offset: 0.182 ms
Remote clock offset: -0.009 ms

Below is generated by plot.py at 2018-07-04 21:02:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 233.81 Mbit/s
95th percentile per-packet one-way delay: 221.789 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 142.68 Mbit/s
95th percentile per-packet one-way delay: 223.097 ms
Loss rate: 1.67%
-- Flow 2:
Average throughput: 92.94 Mbit/s
95th percentile per-packet one-way delay: 158.905 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 88.30 Mbit/s
95th percentile per-packet one-way delay: 155.354 ms
Loss rate: 0.00%

Run 10: Report of Copa — Data Link

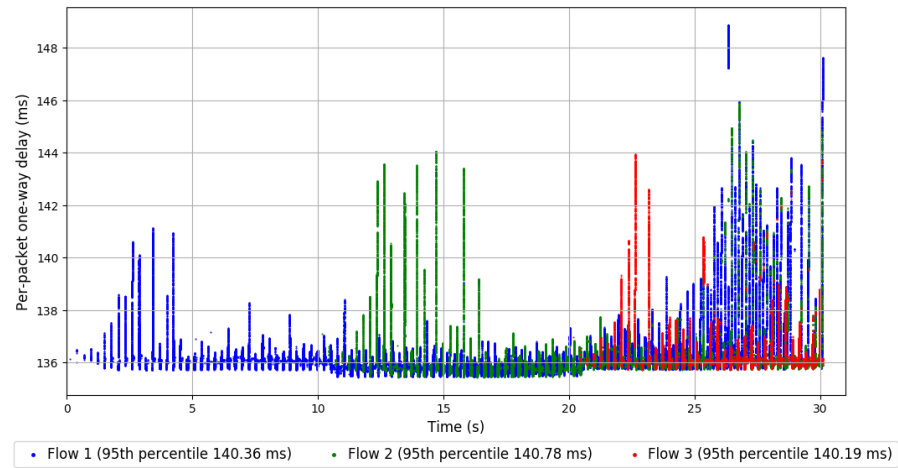
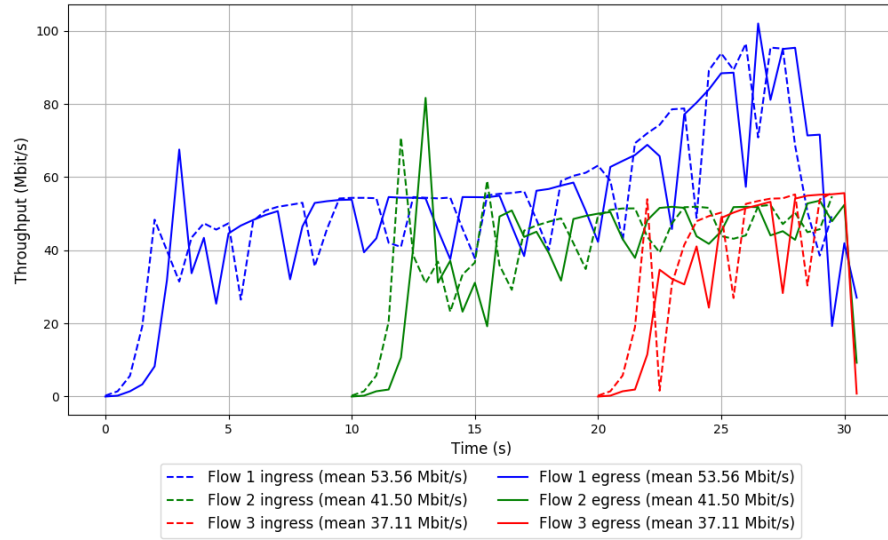


Run 1: Statistics of TCP Cubic

Start at: 2018-07-04 16:18:58
End at: 2018-07-04 16:19:28
Local clock offset: -0.057 ms
Remote clock offset: -0.247 ms

Below is generated by plot.py at 2018-07-04 21:02:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.50 Mbit/s
95th percentile per-packet one-way delay: 140.396 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.56 Mbit/s
95th percentile per-packet one-way delay: 140.361 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.50 Mbit/s
95th percentile per-packet one-way delay: 140.781 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 37.11 Mbit/s
95th percentile per-packet one-way delay: 140.193 ms
Loss rate: 0.00%

Run 1: Report of TCP Cubic — Data Link

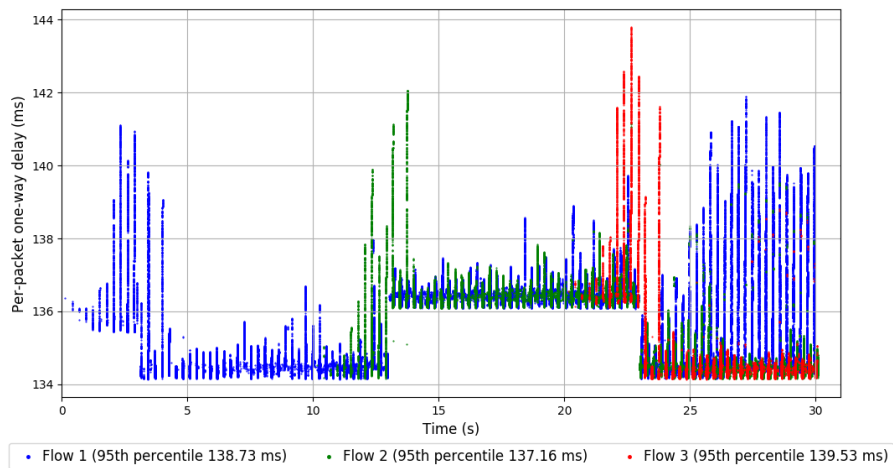
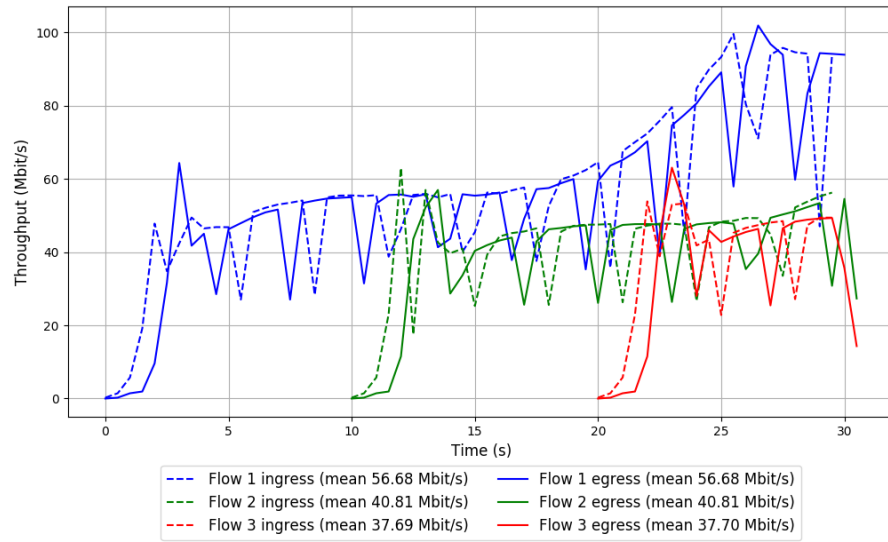


Run 2: Statistics of TCP Cubic

Start at: 2018-07-04 16:46:05
End at: 2018-07-04 16:46:35
Local clock offset: -0.041 ms
Remote clock offset: -0.582 ms

Below is generated by plot.py at 2018-07-04 21:02:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.09 Mbit/s
95th percentile per-packet one-way delay: 138.492 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.68 Mbit/s
95th percentile per-packet one-way delay: 138.732 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 40.81 Mbit/s
95th percentile per-packet one-way delay: 137.158 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 37.70 Mbit/s
95th percentile per-packet one-way delay: 139.525 ms
Loss rate: 0.00%

Run 2: Report of TCP Cubic — Data Link

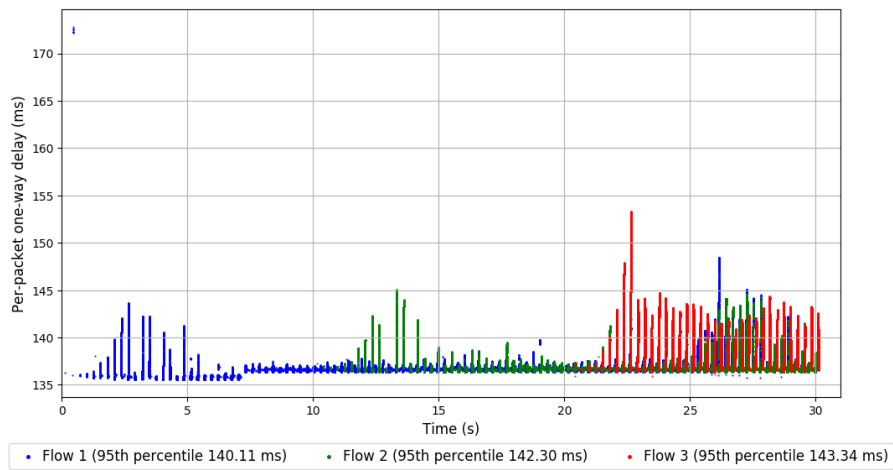
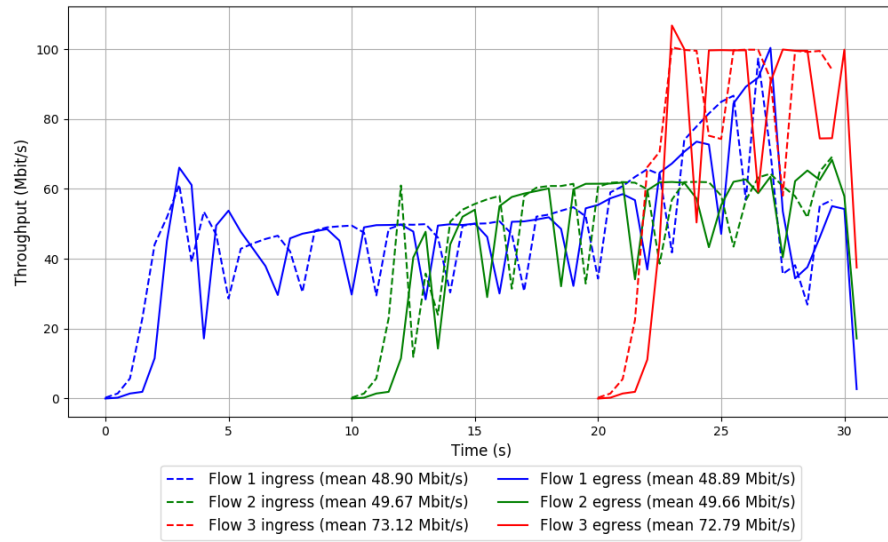


Run 3: Statistics of TCP Cubic

Start at: 2018-07-04 17:13:11
End at: 2018-07-04 17:13:41
Local clock offset: -0.064 ms
Remote clock offset: -0.203 ms

Below is generated by plot.py at 2018-07-04 21:02:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 106.11 Mbit/s
95th percentile per-packet one-way delay: 142.311 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 48.89 Mbit/s
95th percentile per-packet one-way delay: 140.107 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 49.66 Mbit/s
95th percentile per-packet one-way delay: 142.296 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 72.79 Mbit/s
95th percentile per-packet one-way delay: 143.342 ms
Loss rate: 0.45%

Run 3: Report of TCP Cubic — Data Link

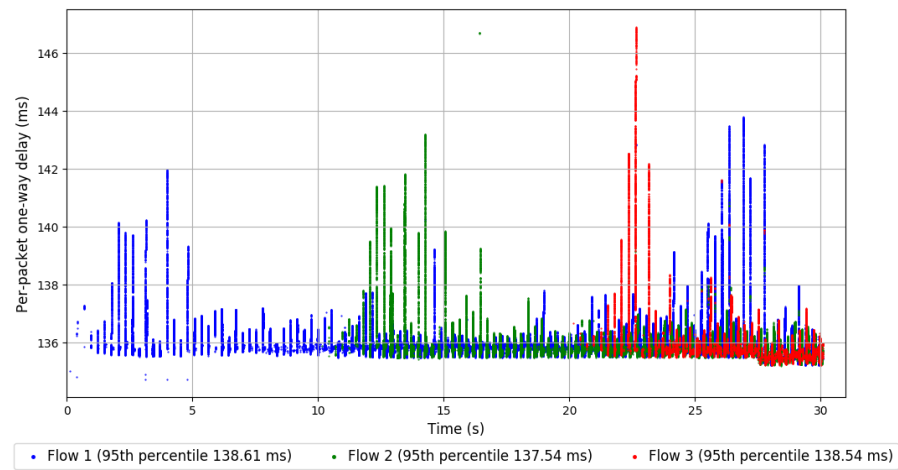
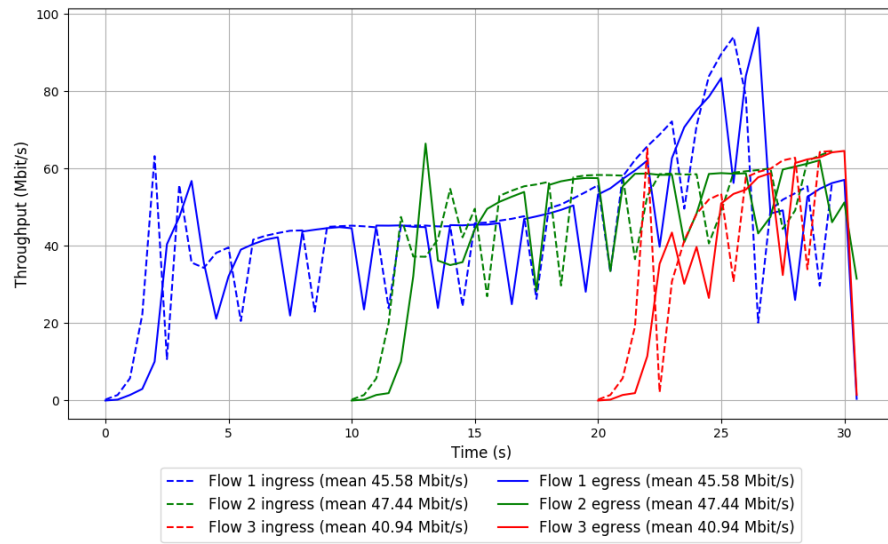


Run 4: Statistics of TCP Cubic

Start at: 2018-07-04 17:40:21
End at: 2018-07-04 17:40:51
Local clock offset: -0.01 ms
Remote clock offset: -0.582 ms

Below is generated by plot.py at 2018-07-04 21:02:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.73 Mbit/s
95th percentile per-packet one-way delay: 138.377 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.58 Mbit/s
95th percentile per-packet one-way delay: 138.613 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 47.44 Mbit/s
95th percentile per-packet one-way delay: 137.537 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 40.94 Mbit/s
95th percentile per-packet one-way delay: 138.537 ms
Loss rate: 0.00%

Run 4: Report of TCP Cubic — Data Link

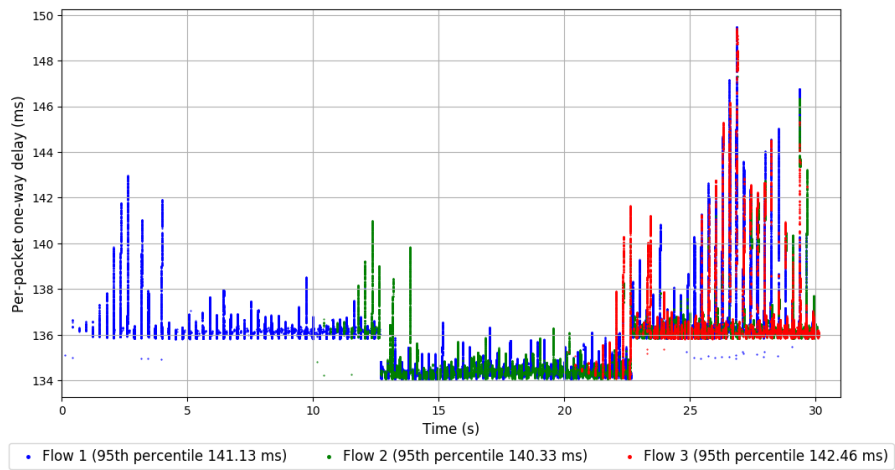
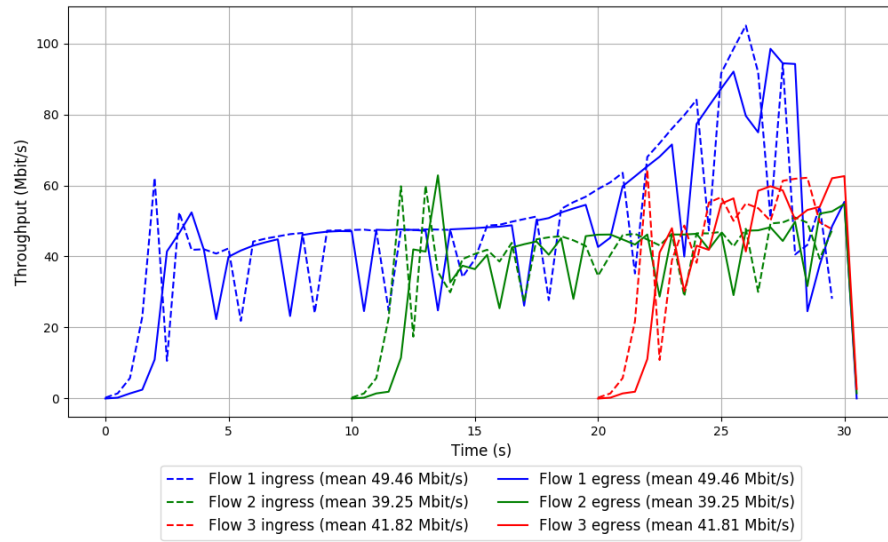


Run 5: Statistics of TCP Cubic

Start at: 2018-07-04 18:07:06
End at: 2018-07-04 18:07:36
Local clock offset: 0.04 ms
Remote clock offset: -0.571 ms

Below is generated by plot.py at 2018-07-04 21:02:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.26 Mbit/s
95th percentile per-packet one-way delay: 141.411 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.46 Mbit/s
95th percentile per-packet one-way delay: 141.133 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.25 Mbit/s
95th percentile per-packet one-way delay: 140.326 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 41.81 Mbit/s
95th percentile per-packet one-way delay: 142.458 ms
Loss rate: 0.03%

Run 5: Report of TCP Cubic — Data Link

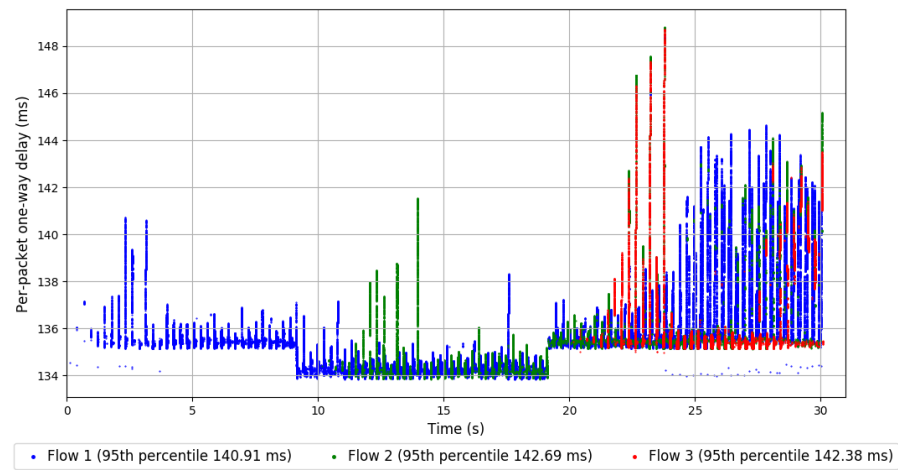
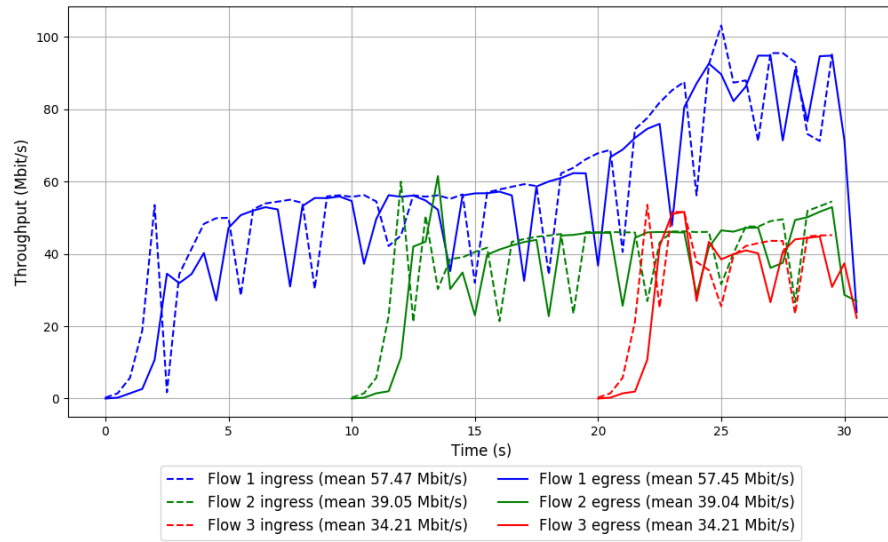


Run 6: Statistics of TCP Cubic

Start at: 2018-07-04 18:34:09
End at: 2018-07-04 18:34:39
Local clock offset: 0.22 ms
Remote clock offset: -0.629 ms

Below is generated by plot.py at 2018-07-04 21:02:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.64 Mbit/s
95th percentile per-packet one-way delay: 141.507 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.45 Mbit/s
95th percentile per-packet one-way delay: 140.906 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.04 Mbit/s
95th percentile per-packet one-way delay: 142.693 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 34.21 Mbit/s
95th percentile per-packet one-way delay: 142.375 ms
Loss rate: 0.00%

Run 6: Report of TCP Cubic — Data Link

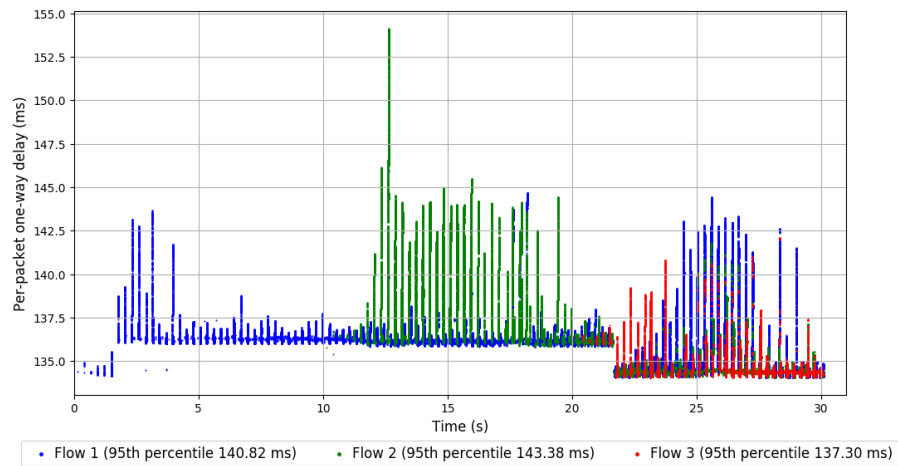
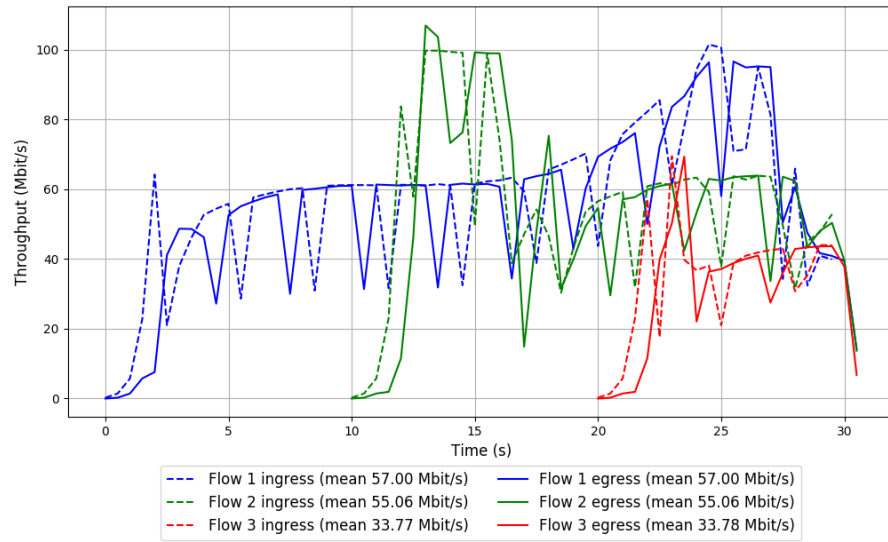


Run 7: Statistics of TCP Cubic

Start at: 2018-07-04 19:00:47
End at: 2018-07-04 19:01:17
Local clock offset: 0.006 ms
Remote clock offset: -0.571 ms

Below is generated by plot.py at 2018-07-04 21:02:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 104.85 Mbit/s
95th percentile per-packet one-way delay: 142.181 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.00 Mbit/s
95th percentile per-packet one-way delay: 140.817 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 55.06 Mbit/s
95th percentile per-packet one-way delay: 143.381 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 33.78 Mbit/s
95th percentile per-packet one-way delay: 137.298 ms
Loss rate: 0.00%

Run 7: Report of TCP Cubic — Data Link

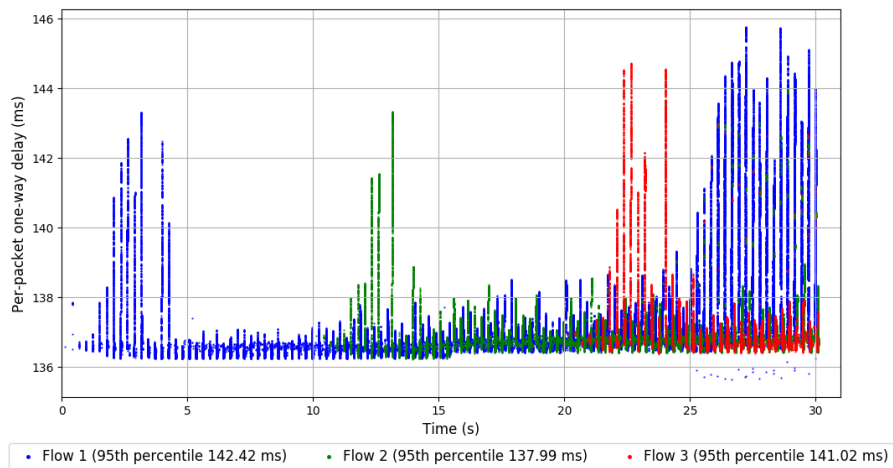
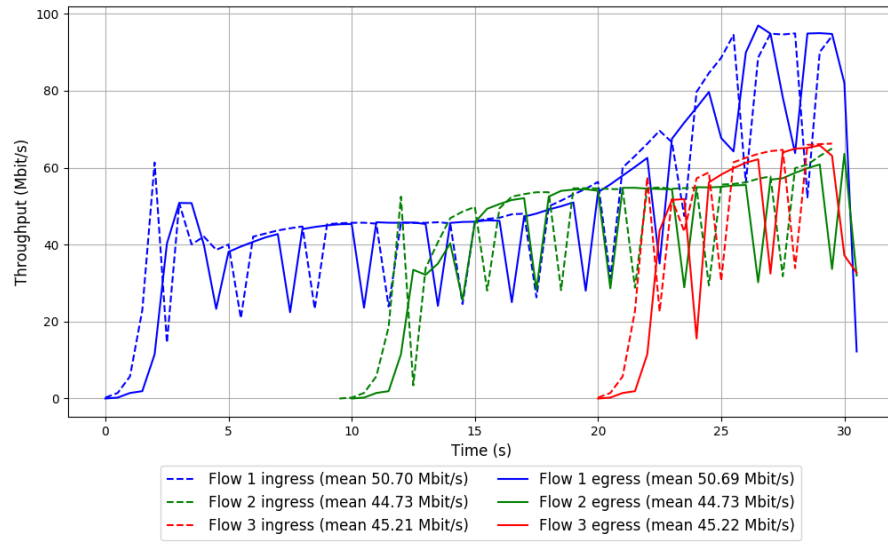


Run 8: Statistics of TCP Cubic

Start at: 2018-07-04 19:27:33
End at: 2018-07-04 19:28:03
Local clock offset: 0.008 ms
Remote clock offset: -0.133 ms

```
# Below is generated by plot.py at 2018-07-04 21:02:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.34 Mbit/s
95th percentile per-packet one-way delay: 141.548 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.69 Mbit/s
95th percentile per-packet one-way delay: 142.421 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 44.73 Mbit/s
95th percentile per-packet one-way delay: 137.989 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 45.22 Mbit/s
95th percentile per-packet one-way delay: 141.021 ms
Loss rate: 0.00%
```

Run 8: Report of TCP Cubic — Data Link

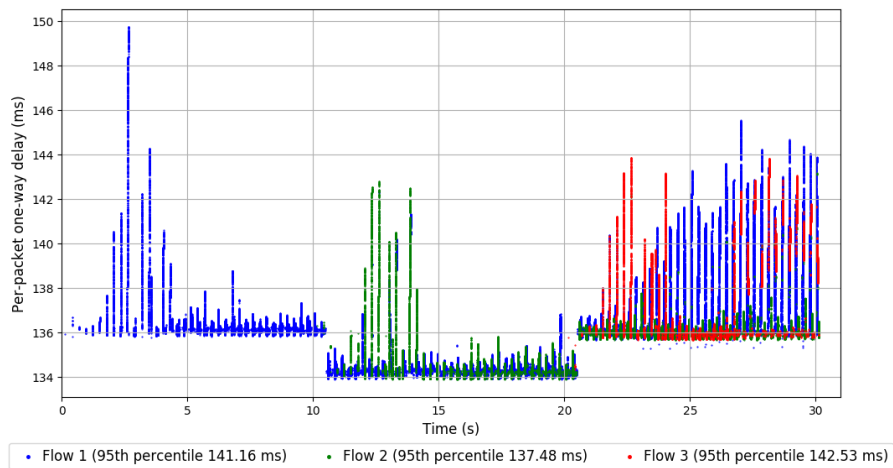
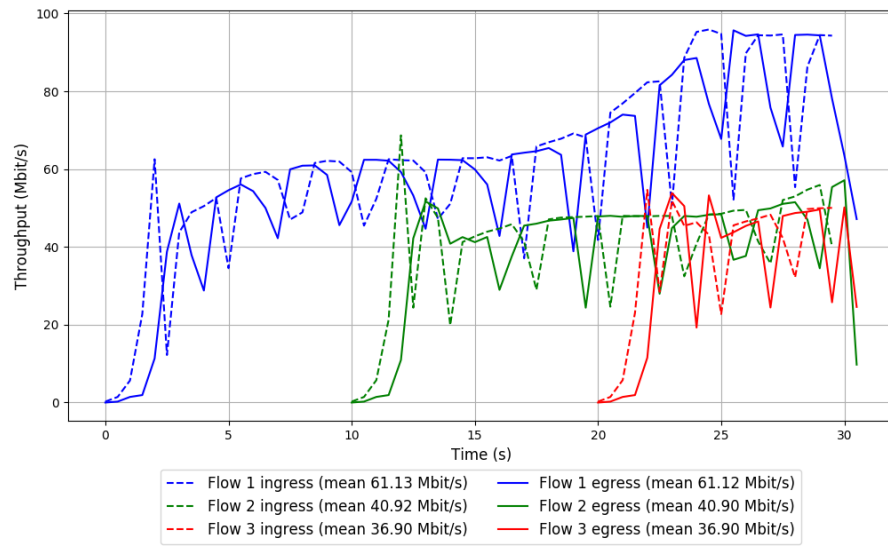


Run 9: Statistics of TCP Cubic

Start at: 2018-07-04 19:54:08
End at: 2018-07-04 19:54:38
Local clock offset: 0.176 ms
Remote clock offset: -0.497 ms

Below is generated by plot.py at 2018-07-04 21:02:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 100.52 Mbit/s
95th percentile per-packet one-way delay: 141.229 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 61.12 Mbit/s
95th percentile per-packet one-way delay: 141.156 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 40.90 Mbit/s
95th percentile per-packet one-way delay: 137.482 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 36.90 Mbit/s
95th percentile per-packet one-way delay: 142.530 ms
Loss rate: 0.00%

Run 9: Report of TCP Cubic — Data Link

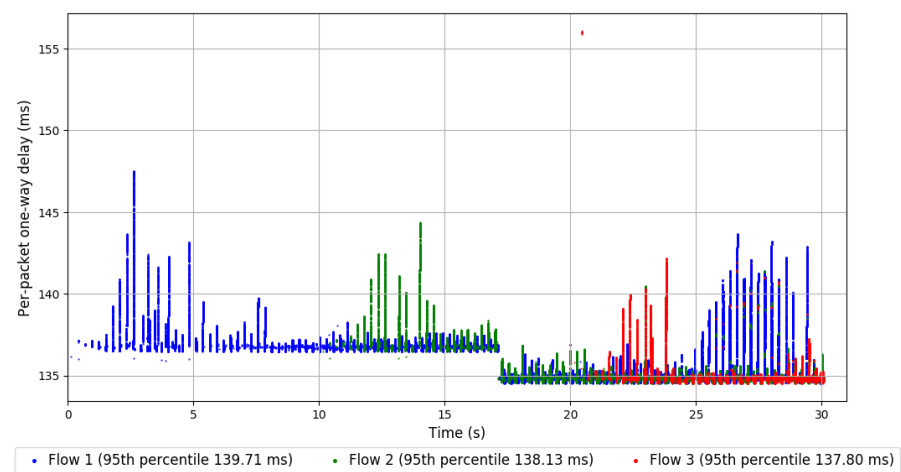
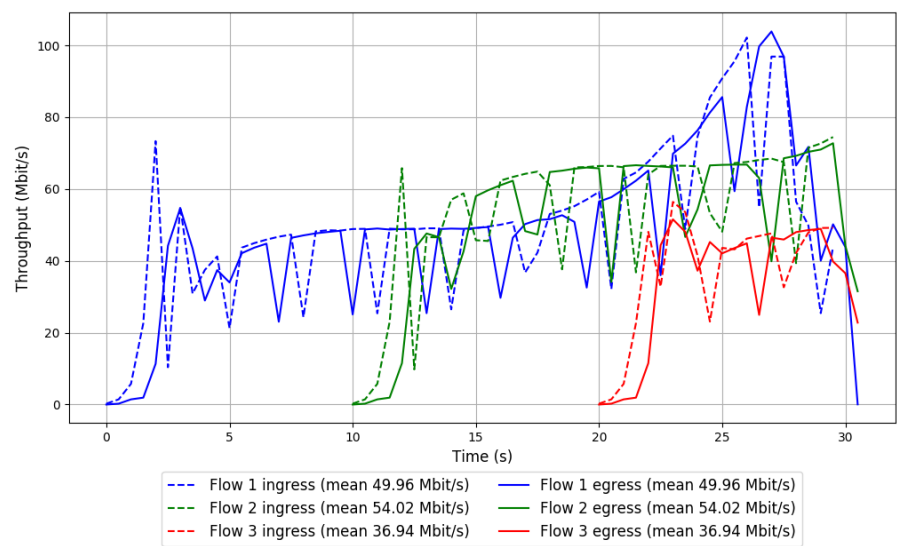


Run 10: Statistics of TCP Cubic

Start at: 2018-07-04 20:20:51
End at: 2018-07-04 20:21:21
Local clock offset: -0.008 ms
Remote clock offset: -0.006 ms

Below is generated by plot.py at 2018-07-04 21:02:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 98.17 Mbit/s
95th percentile per-packet one-way delay: 139.088 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.96 Mbit/s
95th percentile per-packet one-way delay: 139.711 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 54.02 Mbit/s
95th percentile per-packet one-way delay: 138.127 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 36.94 Mbit/s
95th percentile per-packet one-way delay: 137.801 ms
Loss rate: 0.00%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of FillP

Start at: 2018-07-04 16:23:29

End at: 2018-07-04 16:23:59

Local clock offset: 0.09 ms

Remote clock offset: -0.22 ms

Below is generated by plot.py at 2018-07-04 21:22:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 1208.92 Mbit/s

95th percentile per-packet one-way delay: 267.528 ms

Loss rate: 1.97%

-- Flow 1:

Average throughput: 634.62 Mbit/s

95th percentile per-packet one-way delay: 262.781 ms

Loss rate: 2.38%

-- Flow 2:

Average throughput: 605.58 Mbit/s

95th percentile per-packet one-way delay: 287.063 ms

Loss rate: 1.97%

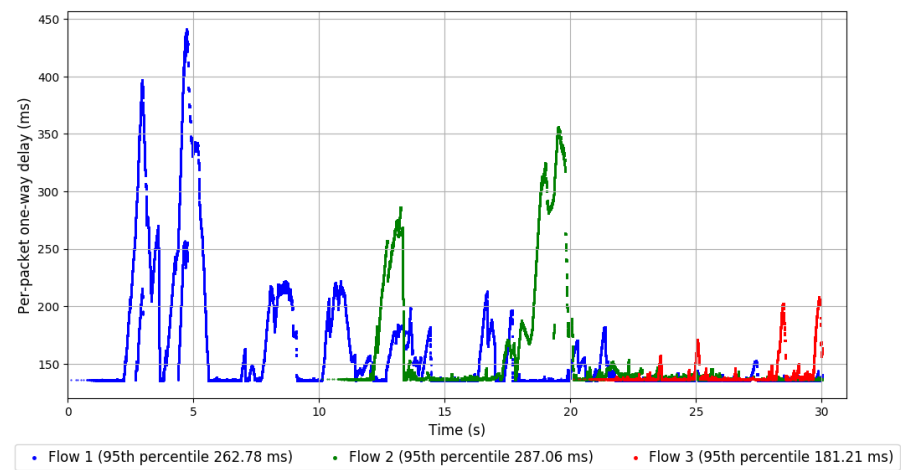
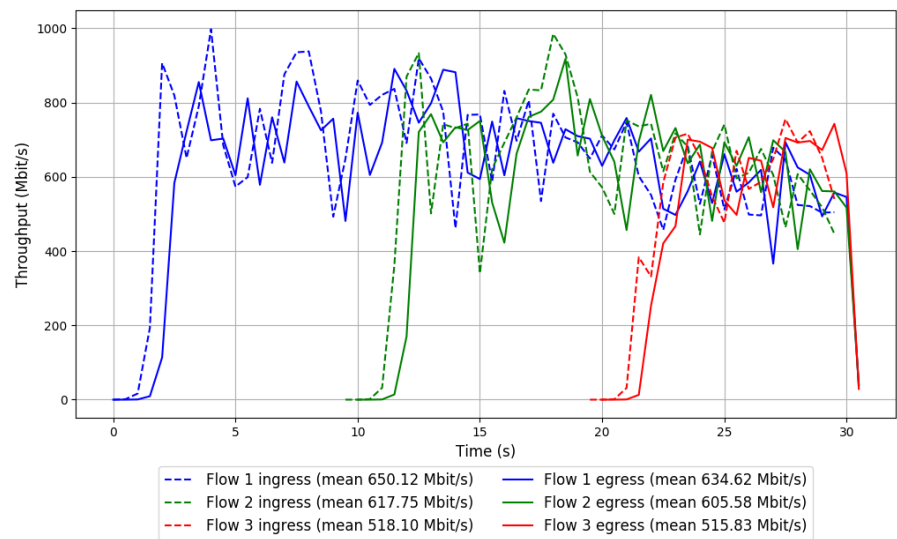
-- Flow 3:

Average throughput: 515.83 Mbit/s

95th percentile per-packet one-way delay: 181.210 ms

Loss rate: 0.44%

Run 1: Report of FillP — Data Link

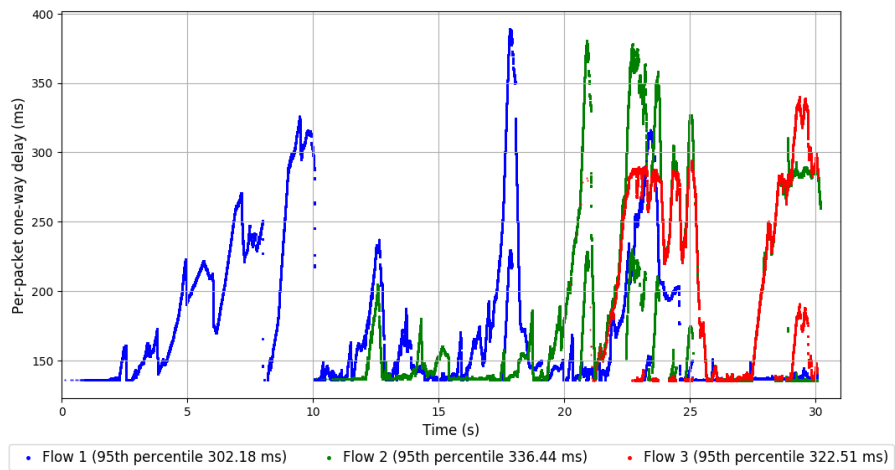
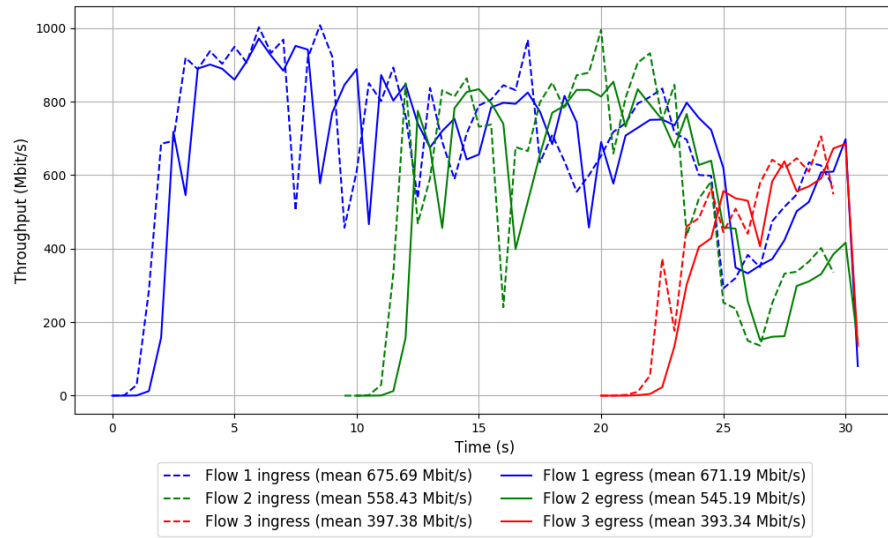


Run 2: Statistics of FillP

Start at: 2018-07-04 16:50:31
End at: 2018-07-04 16:51:01
Local clock offset: -0.268 ms
Remote clock offset: -0.186 ms

Below is generated by plot.py at 2018-07-04 21:22:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 1161.39 Mbit/s
95th percentile per-packet one-way delay: 309.898 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 671.19 Mbit/s
95th percentile per-packet one-way delay: 302.184 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 545.19 Mbit/s
95th percentile per-packet one-way delay: 336.442 ms
Loss rate: 1.77%
-- Flow 3:
Average throughput: 393.34 Mbit/s
95th percentile per-packet one-way delay: 322.512 ms
Loss rate: 1.35%

Run 2: Report of FillP — Data Link

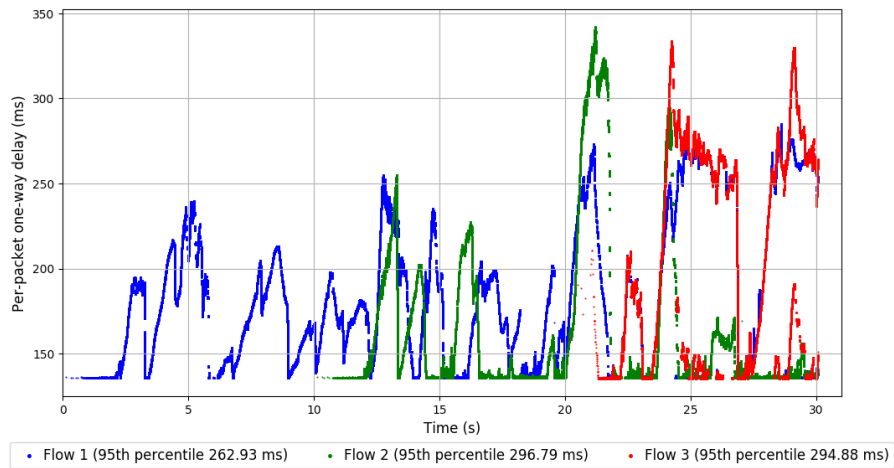
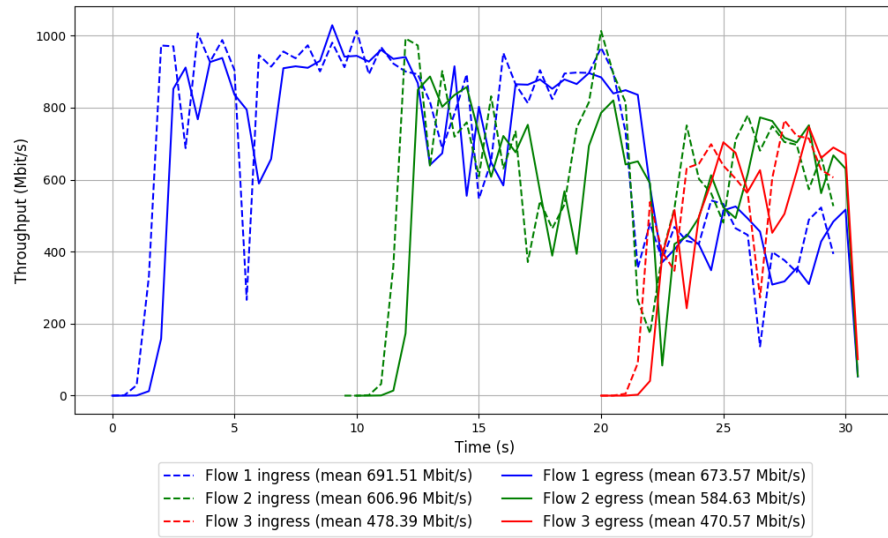


Run 3: Statistics of FillP

Start at: 2018-07-04 17:17:39
End at: 2018-07-04 17:18:09
Local clock offset: 0.216 ms
Remote clock offset: -0.151 ms

Below is generated by plot.py at 2018-07-04 21:23:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 1218.35 Mbit/s
95th percentile per-packet one-way delay: 272.413 ms
Loss rate: 2.84%
-- Flow 1:
Average throughput: 673.57 Mbit/s
95th percentile per-packet one-way delay: 262.932 ms
Loss rate: 2.59%
-- Flow 2:
Average throughput: 584.63 Mbit/s
95th percentile per-packet one-way delay: 296.785 ms
Loss rate: 3.68%
-- Flow 3:
Average throughput: 470.57 Mbit/s
95th percentile per-packet one-way delay: 294.878 ms
Loss rate: 1.78%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2018-07-04 17:44:48

End at: 2018-07-04 17:45:18

Local clock offset: 0.199 ms

Remote clock offset: -0.19 ms

Below is generated by plot.py at 2018-07-04 21:24:03

Datalink statistics

-- Total of 3 flows:

Average throughput: 1236.59 Mbit/s

95th percentile per-packet one-way delay: 290.564 ms

Loss rate: 0.75%

-- Flow 1:

Average throughput: 728.19 Mbit/s

95th percentile per-packet one-way delay: 196.972 ms

Loss rate: 0.42%

-- Flow 2:

Average throughput: 543.14 Mbit/s

95th percentile per-packet one-way delay: 326.303 ms

Loss rate: 1.14%

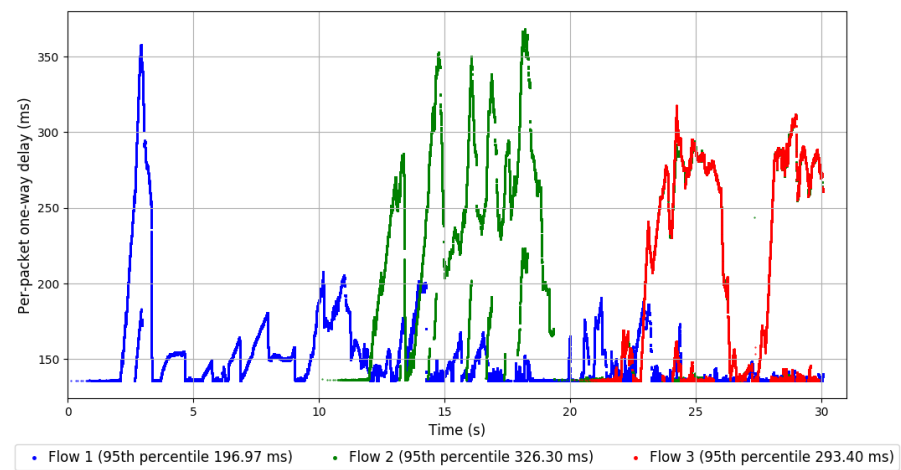
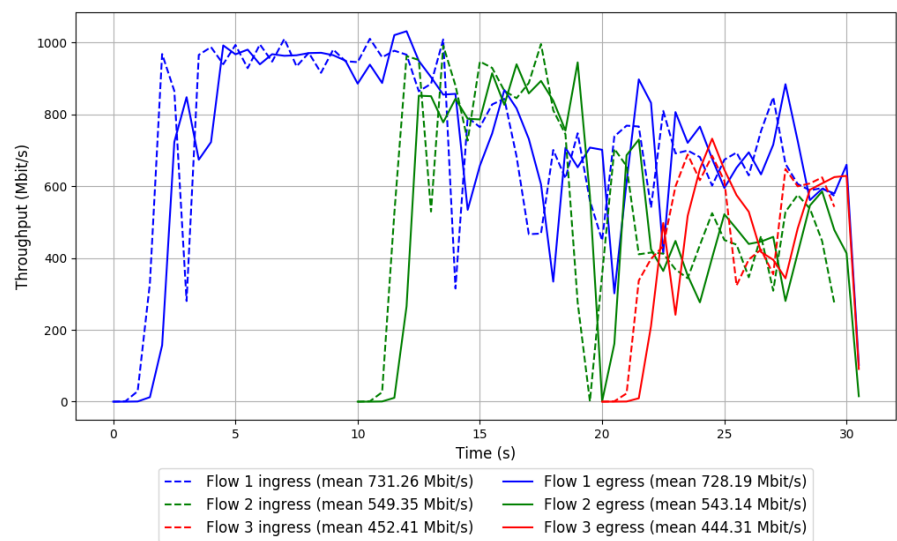
-- Flow 3:

Average throughput: 444.31 Mbit/s

95th percentile per-packet one-way delay: 293.405 ms

Loss rate: 1.43%

Run 4: Report of FillP — Data Link

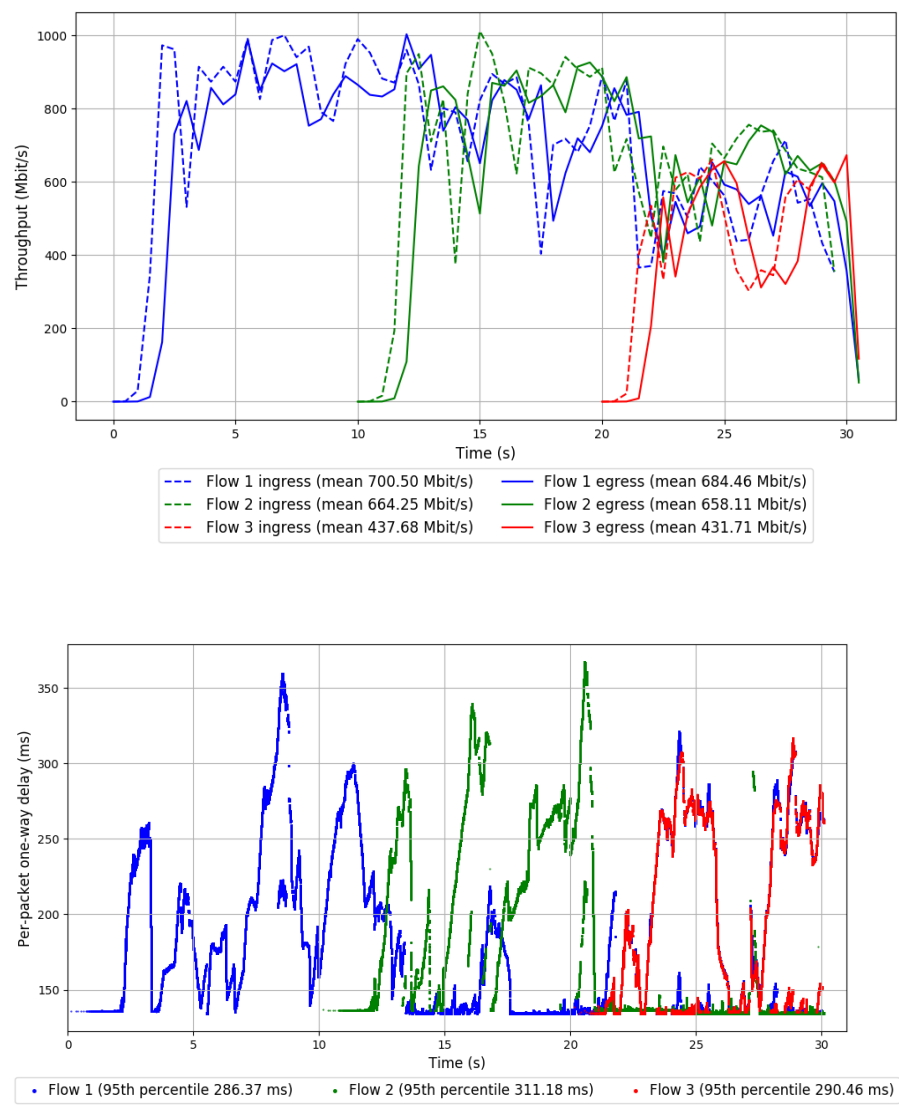


Run 5: Statistics of FillP

Start at: 2018-07-04 18:11:33
End at: 2018-07-04 18:12:03
Local clock offset: 0.103 ms
Remote clock offset: -0.172 ms

Below is generated by plot.py at 2018-07-04 21:25:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 1265.37 Mbit/s
95th percentile per-packet one-way delay: 292.872 ms
Loss rate: 1.72%
-- Flow 1:
Average throughput: 684.46 Mbit/s
95th percentile per-packet one-way delay: 286.367 ms
Loss rate: 2.28%
-- Flow 2:
Average throughput: 658.11 Mbit/s
95th percentile per-packet one-way delay: 311.181 ms
Loss rate: 0.93%
-- Flow 3:
Average throughput: 431.71 Mbit/s
95th percentile per-packet one-way delay: 290.462 ms
Loss rate: 1.38%

Run 5: Report of FillP — Data Link

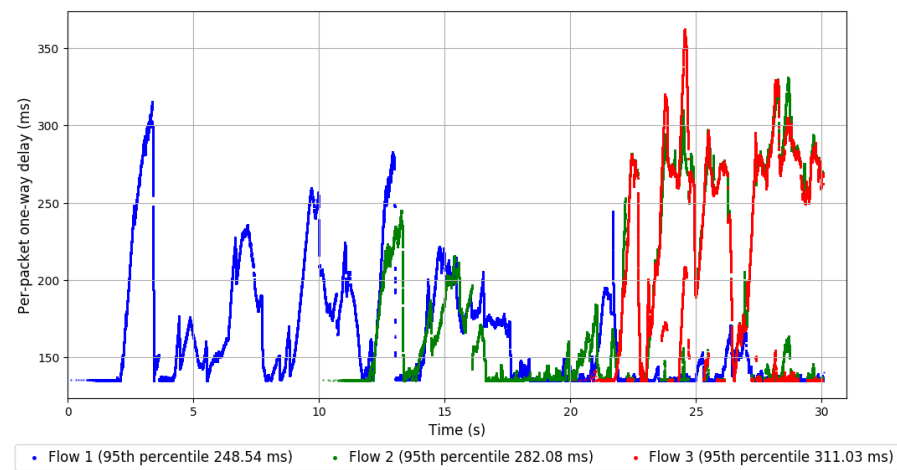
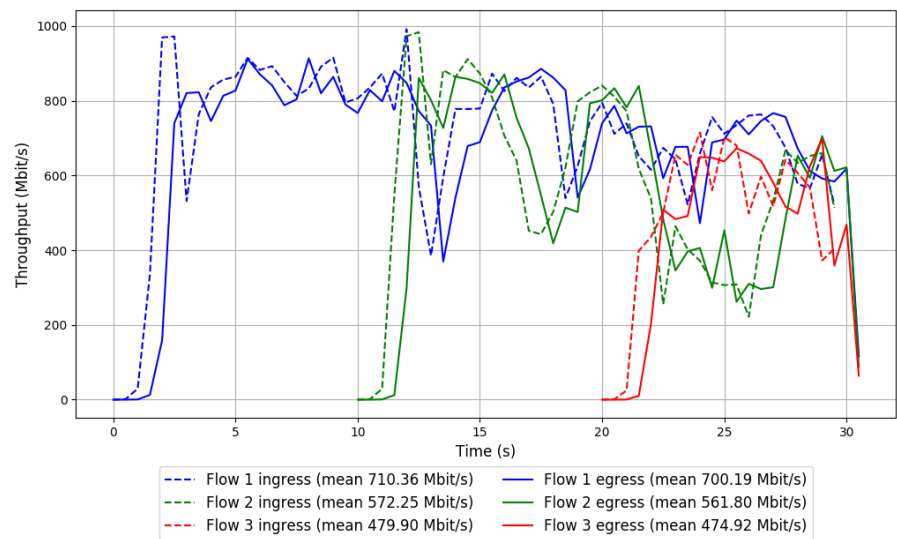


Run 6: Statistics of FillP

Start at: 2018-07-04 18:38:40
End at: 2018-07-04 18:39:10
Local clock offset: 0.201 ms
Remote clock offset: -0.601 ms

Below is generated by plot.py at 2018-07-04 21:25:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 1231.31 Mbit/s
95th percentile per-packet one-way delay: 280.461 ms
Loss rate: 1.50%
-- Flow 1:
Average throughput: 700.19 Mbit/s
95th percentile per-packet one-way delay: 248.545 ms
Loss rate: 1.42%
-- Flow 2:
Average throughput: 561.80 Mbit/s
95th percentile per-packet one-way delay: 282.080 ms
Loss rate: 1.83%
-- Flow 3:
Average throughput: 474.92 Mbit/s
95th percentile per-packet one-way delay: 311.027 ms
Loss rate: 1.03%

Run 6: Report of FillP — Data Link

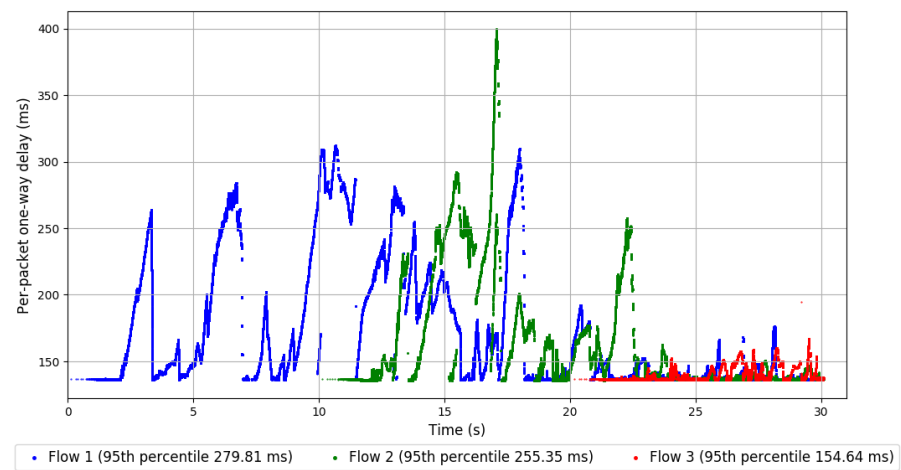
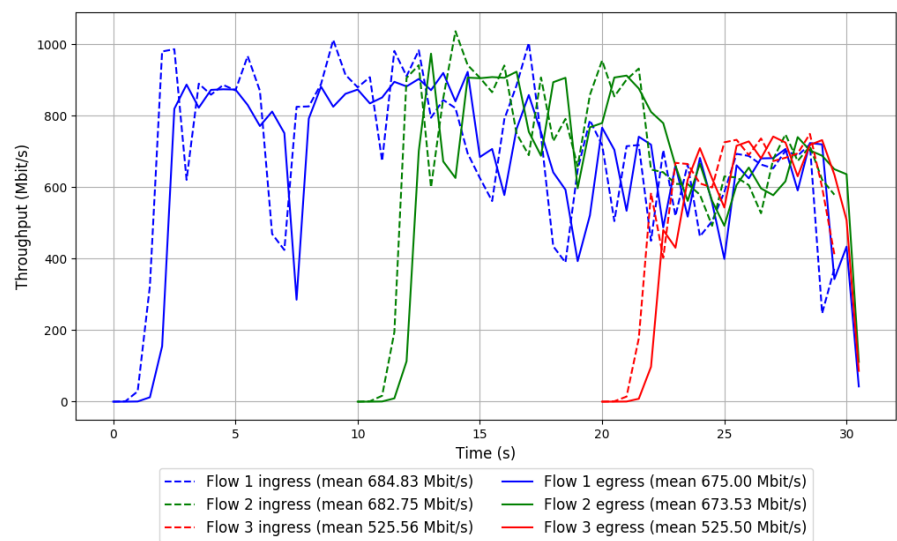


Run 7: Statistics of FillP

Start at: 2018-07-04 19:05:17
End at: 2018-07-04 19:05:47
Local clock offset: -0.074 ms
Remote clock offset: -0.214 ms

Below is generated by plot.py at 2018-07-04 21:27:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 1297.37 Mbit/s
95th percentile per-packet one-way delay: 272.738 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 675.00 Mbit/s
95th percentile per-packet one-way delay: 279.805 ms
Loss rate: 1.44%
-- Flow 2:
Average throughput: 673.53 Mbit/s
95th percentile per-packet one-way delay: 255.346 ms
Loss rate: 1.35%
-- Flow 3:
Average throughput: 525.50 Mbit/s
95th percentile per-packet one-way delay: 154.641 ms
Loss rate: 0.02%

Run 7: Report of FillP — Data Link

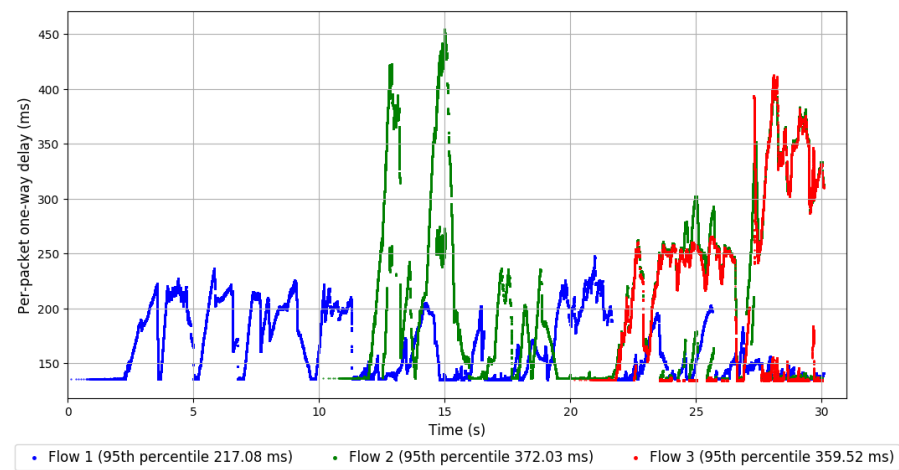
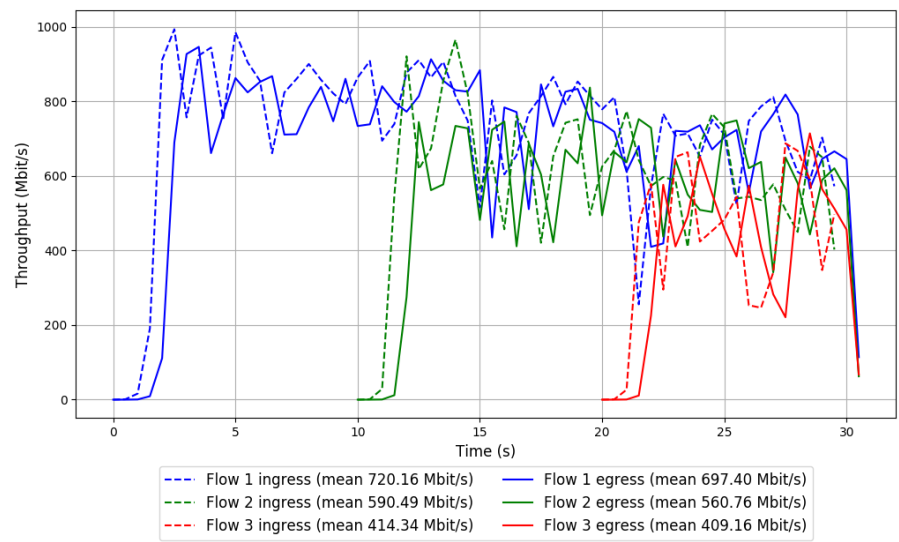


Run 8: Statistics of FillP

Start at: 2018-07-04 19:32:06
End at: 2018-07-04 19:32:36
Local clock offset: -0.033 ms
Remote clock offset: -0.156 ms

Below is generated by plot.py at 2018-07-04 21:27:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 1206.32 Mbit/s
95th percentile per-packet one-way delay: 322.948 ms
Loss rate: 3.54%
-- Flow 1:
Average throughput: 697.40 Mbit/s
95th percentile per-packet one-way delay: 217.078 ms
Loss rate: 3.16%
-- Flow 2:
Average throughput: 560.76 Mbit/s
95th percentile per-packet one-way delay: 372.028 ms
Loss rate: 5.03%
-- Flow 3:
Average throughput: 409.16 Mbit/s
95th percentile per-packet one-way delay: 359.523 ms
Loss rate: 1.22%

Run 8: Report of FillP — Data Link

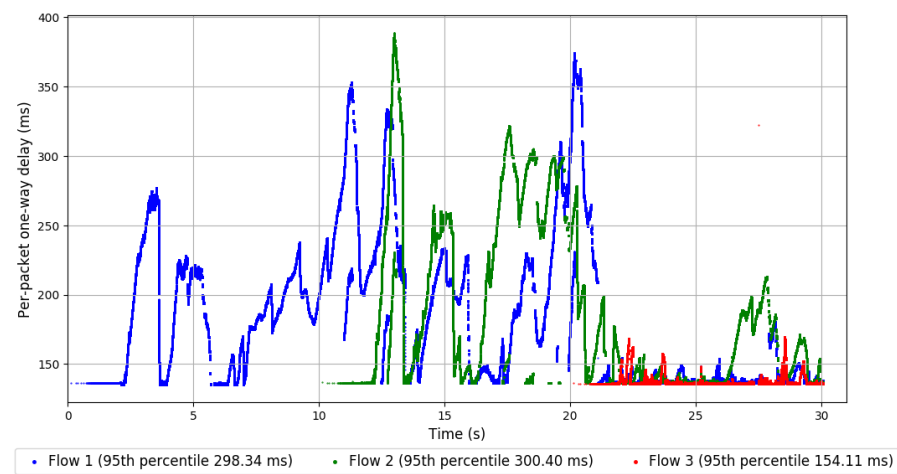
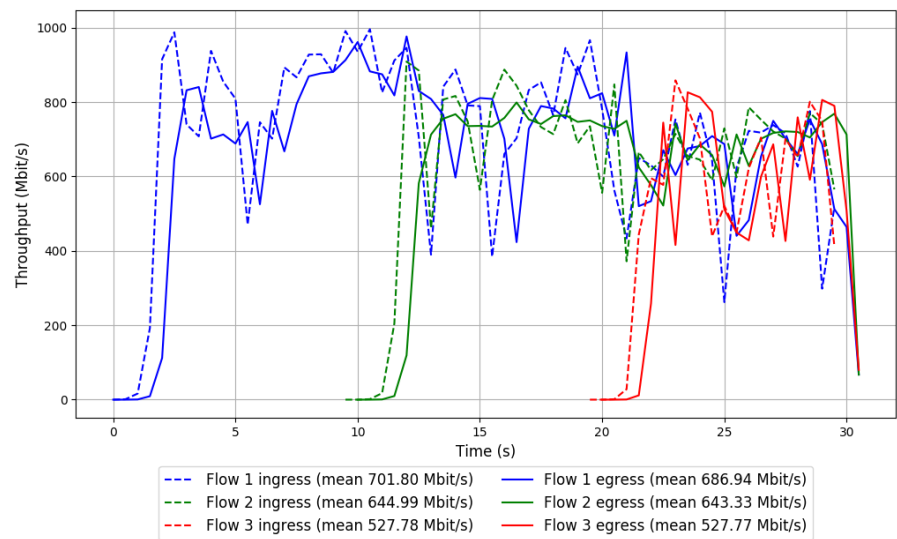


Run 9: Statistics of FillP

Start at: 2018-07-04 19:58:36
End at: 2018-07-04 19:59:06
Local clock offset: 0.027 ms
Remote clock offset: -0.152 ms

Below is generated by plot.py at 2018-07-04 21:48:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 1290.60 Mbit/s
95th percentile per-packet one-way delay: 297.613 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 686.94 Mbit/s
95th percentile per-packet one-way delay: 298.338 ms
Loss rate: 2.12%
-- Flow 2:
Average throughput: 643.33 Mbit/s
95th percentile per-packet one-way delay: 300.397 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 527.77 Mbit/s
95th percentile per-packet one-way delay: 154.111 ms
Loss rate: 0.00%

Run 9: Report of FillP — Data Link



Run 10: Statistics of FillP

Start at: 2018-07-04 20:25:18

End at: 2018-07-04 20:25:48

Local clock offset: -0.096 ms

Remote clock offset: 0.013 ms

Below is generated by plot.py at 2018-07-04 21:48:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 1208.43 Mbit/s

95th percentile per-packet one-way delay: 277.710 ms

Loss rate: 1.92%

-- Flow 1:

Average throughput: 638.35 Mbit/s

95th percentile per-packet one-way delay: 279.585 ms

Loss rate: 2.47%

-- Flow 2:

Average throughput: 631.40 Mbit/s

95th percentile per-packet one-way delay: 215.489 ms

Loss rate: 1.48%

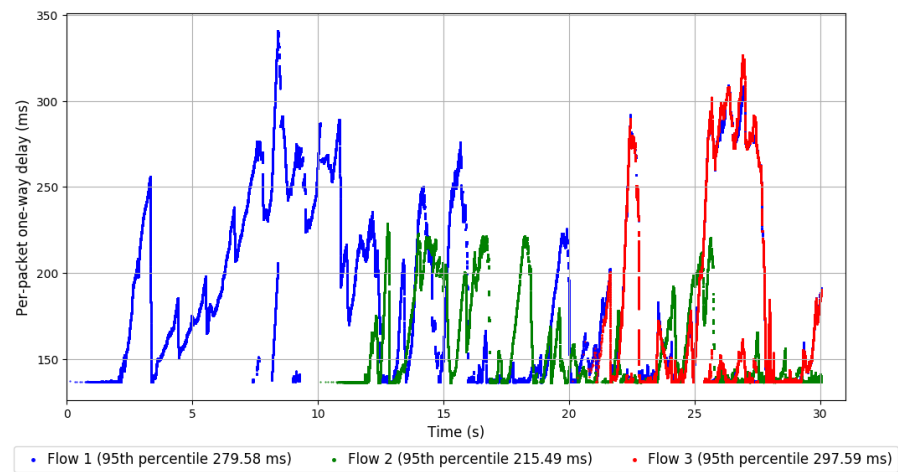
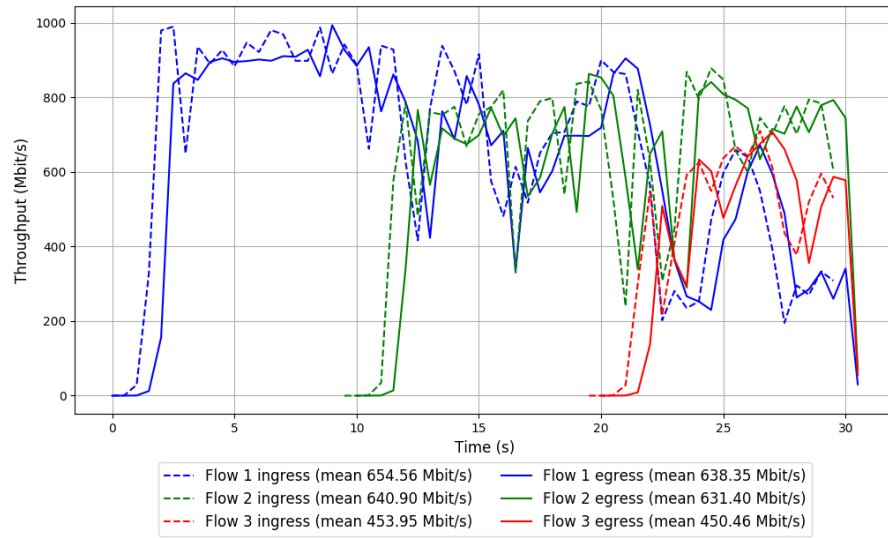
-- Flow 3:

Average throughput: 450.46 Mbit/s

95th percentile per-packet one-way delay: 297.587 ms

Loss rate: 0.77%

Run 10: Report of FillP — Data Link

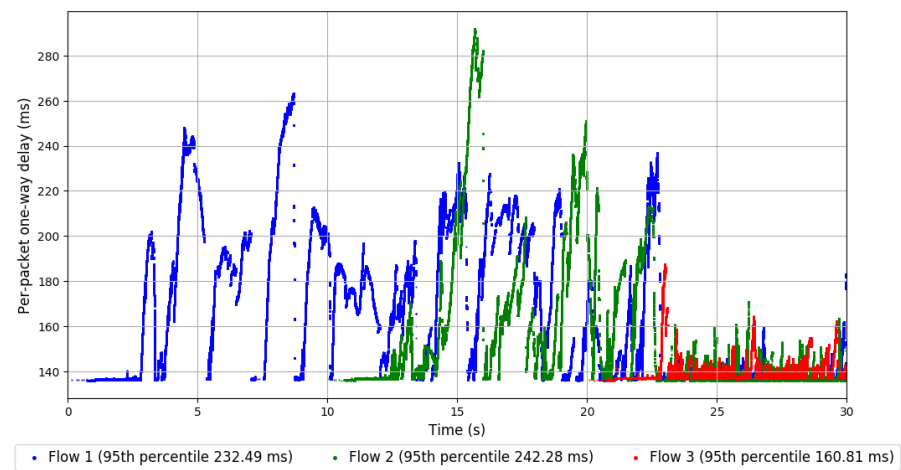
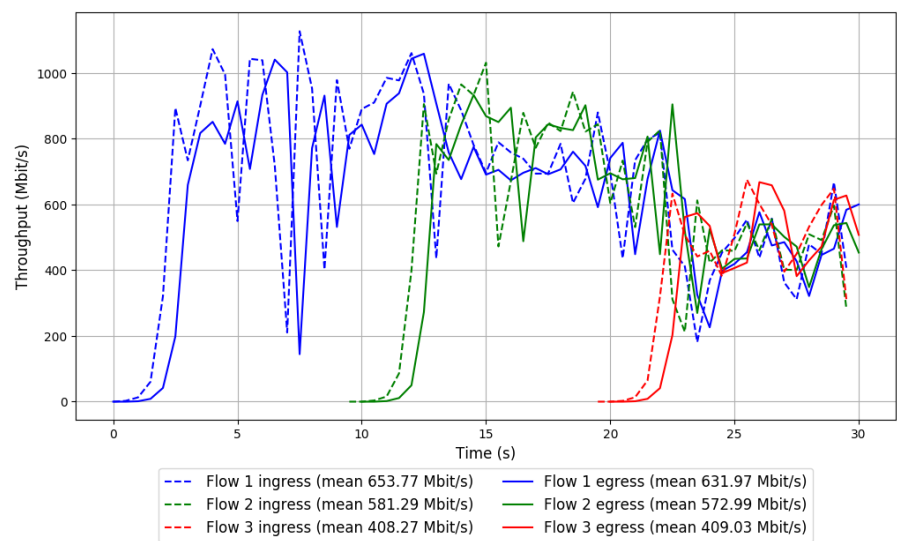


Run 1: Statistics of FillP-Sheep

Start at: 2018-07-04 16:08:47
End at: 2018-07-04 16:09:17
Local clock offset: -0.157 ms
Remote clock offset: -0.237 ms

Below is generated by plot.py at 2018-07-04 21:48:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 1149.91 Mbit/s
95th percentile per-packet one-way delay: 230.761 ms
Loss rate: 2.39%
-- Flow 1:
Average throughput: 631.97 Mbit/s
95th percentile per-packet one-way delay: 232.488 ms
Loss rate: 3.39%
-- Flow 2:
Average throughput: 572.99 Mbit/s
95th percentile per-packet one-way delay: 242.279 ms
Loss rate: 1.55%
-- Flow 3:
Average throughput: 409.03 Mbit/s
95th percentile per-packet one-way delay: 160.805 ms
Loss rate: 0.00%

Run 1: Report of FillP-Sheep — Data Link

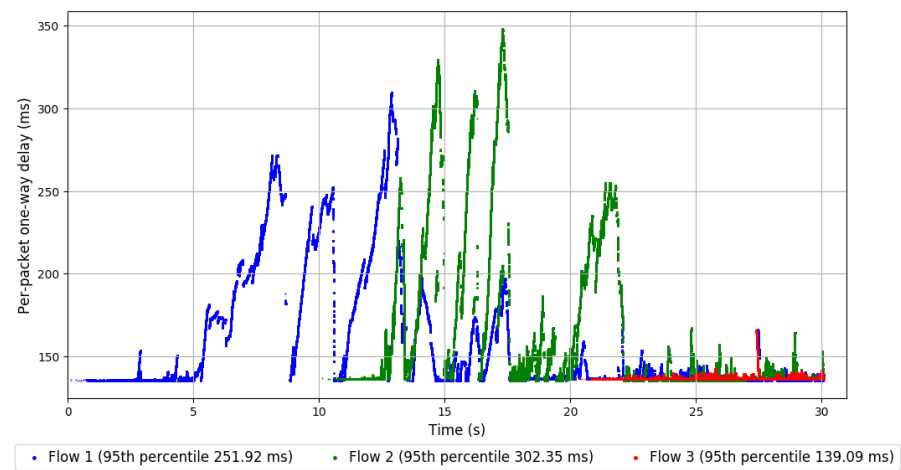
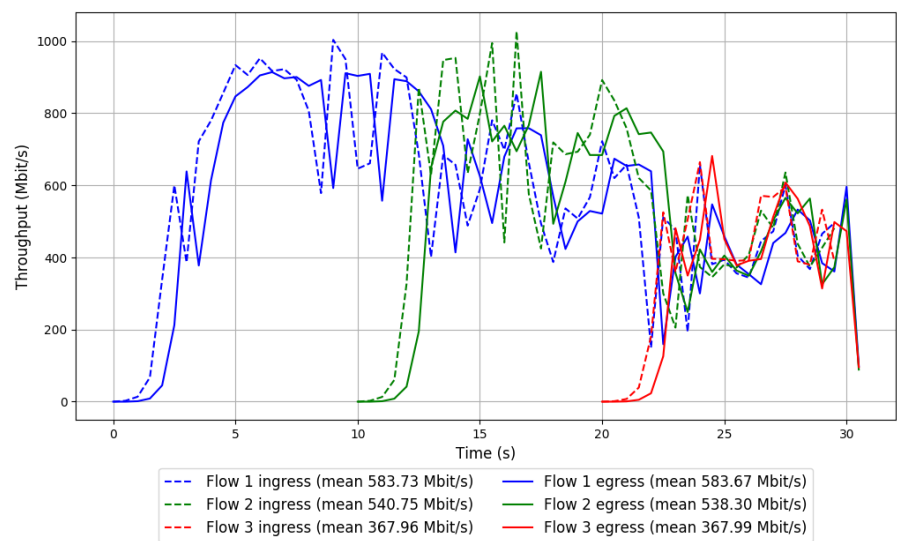


Run 2: Statistics of FillP-Sheep

Start at: 2018-07-04 16:35:51
End at: 2018-07-04 16:36:21
Local clock offset: 0.015 ms
Remote clock offset: -0.207 ms

Below is generated by plot.py at 2018-07-04 21:48:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 1063.63 Mbit/s
95th percentile per-packet one-way delay: 268.080 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 583.67 Mbit/s
95th percentile per-packet one-way delay: 251.917 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 538.30 Mbit/s
95th percentile per-packet one-way delay: 302.350 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 367.99 Mbit/s
95th percentile per-packet one-way delay: 139.090 ms
Loss rate: 0.01%

Run 2: Report of FillP-Sheep — Data Link

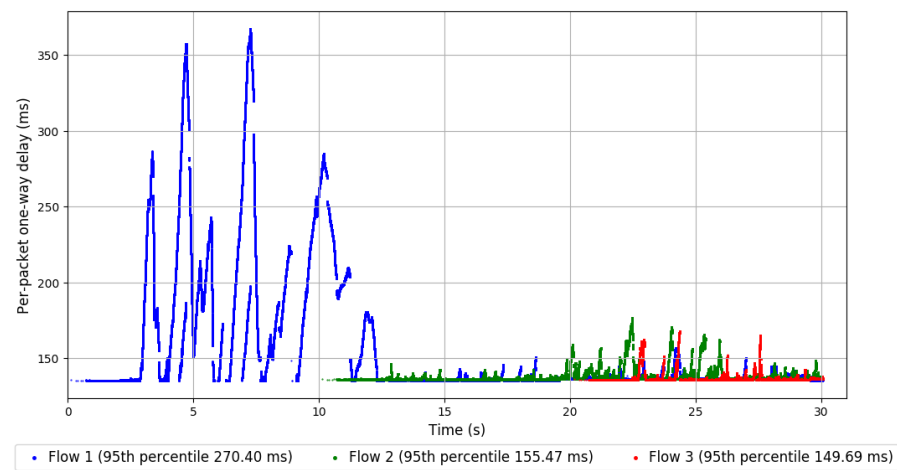
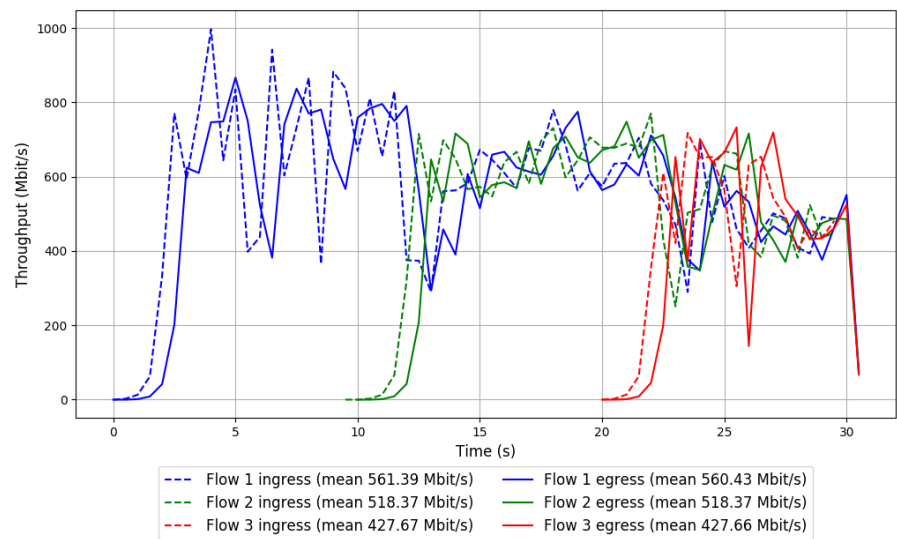


Run 3: Statistics of FillP-Sheep

Start at: 2018-07-04 17:02:59
End at: 2018-07-04 17:03:29
Local clock offset: -0.107 ms
Remote clock offset: -0.226 ms

Below is generated by plot.py at 2018-07-04 21:48:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 1047.27 Mbit/s
95th percentile per-packet one-way delay: 237.203 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 560.43 Mbit/s
95th percentile per-packet one-way delay: 270.397 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 518.37 Mbit/s
95th percentile per-packet one-way delay: 155.473 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 427.66 Mbit/s
95th percentile per-packet one-way delay: 149.685 ms
Loss rate: 0.00%

Run 3: Report of FillP-Sheep — Data Link

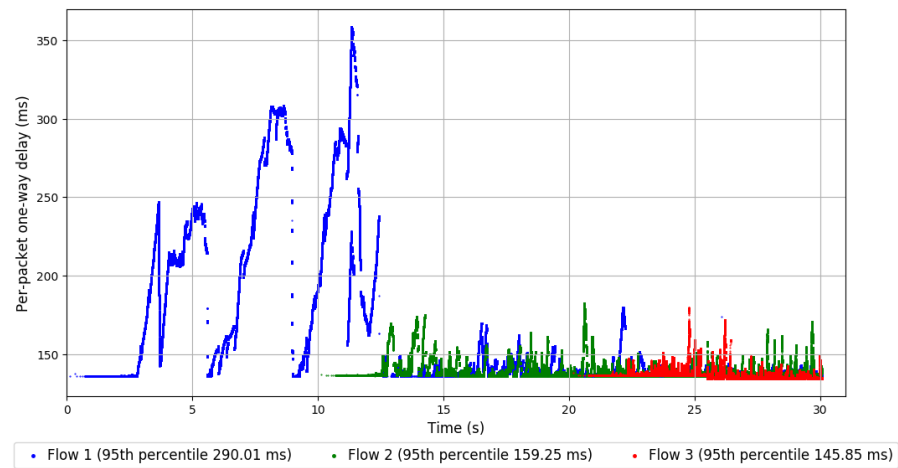
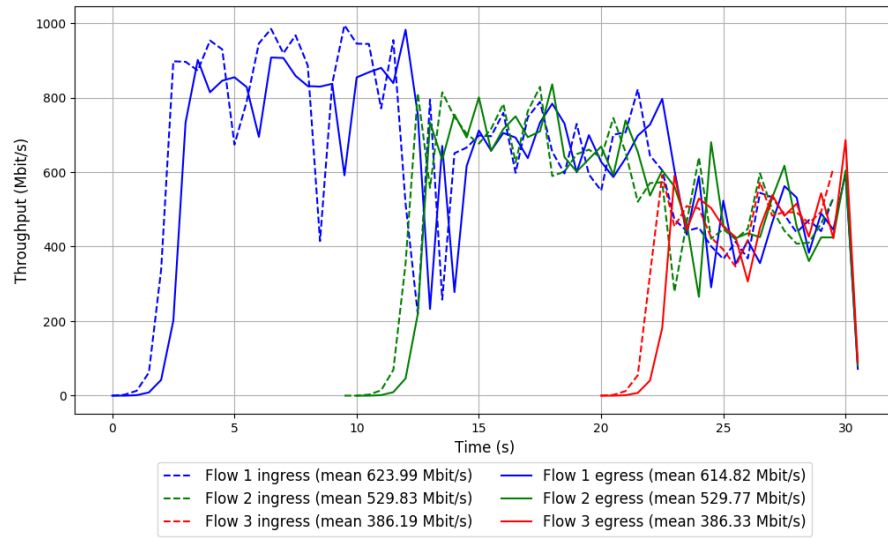


Run 4: Statistics of FillP-Sheep

Start at: 2018-07-04 17:30:13
End at: 2018-07-04 17:30:43
Local clock offset: 0.055 ms
Remote clock offset: -0.184 ms

Below is generated by plot.py at 2018-07-04 21:48:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 1095.60 Mbit/s
95th percentile per-packet one-way delay: 276.092 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 614.82 Mbit/s
95th percentile per-packet one-way delay: 290.008 ms
Loss rate: 1.47%
-- Flow 2:
Average throughput: 529.77 Mbit/s
95th percentile per-packet one-way delay: 159.252 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 386.33 Mbit/s
95th percentile per-packet one-way delay: 145.846 ms
Loss rate: 0.00%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2018-07-04 17:57:11

End at: 2018-07-04 17:57:41

Local clock offset: -0.015 ms

Remote clock offset: -0.56 ms

Below is generated by plot.py at 2018-07-04 21:48:44

Datalink statistics

-- Total of 3 flows:

Average throughput: 1002.56 Mbit/s

95th percentile per-packet one-way delay: 318.842 ms

Loss rate: 1.48%

-- Flow 1:

Average throughput: 571.87 Mbit/s

95th percentile per-packet one-way delay: 331.948 ms

Loss rate: 2.49%

-- Flow 2:

Average throughput: 448.19 Mbit/s

95th percentile per-packet one-way delay: 305.323 ms

Loss rate: 0.00%

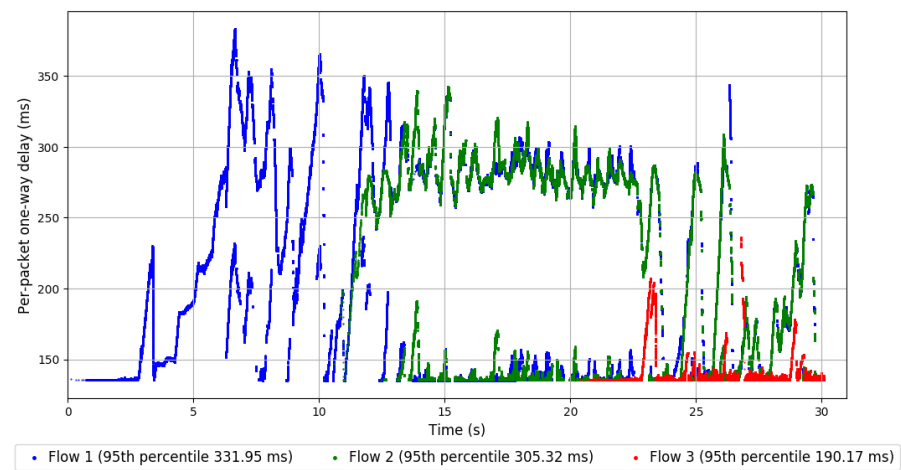
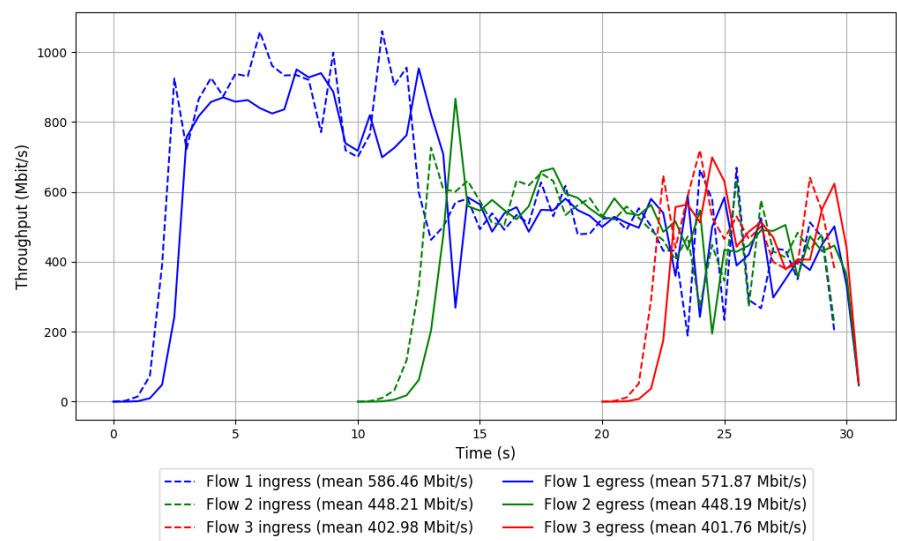
-- Flow 3:

Average throughput: 401.76 Mbit/s

95th percentile per-packet one-way delay: 190.170 ms

Loss rate: 0.31%

Run 5: Report of FillP-Sheep — Data Link

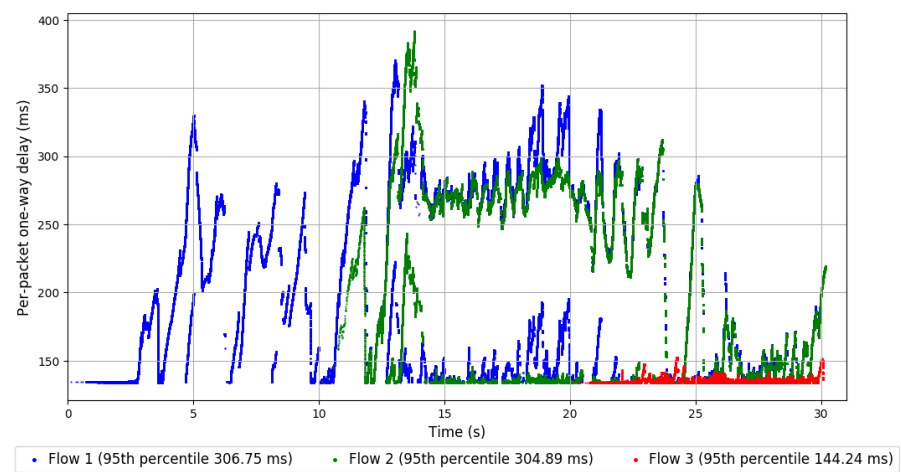
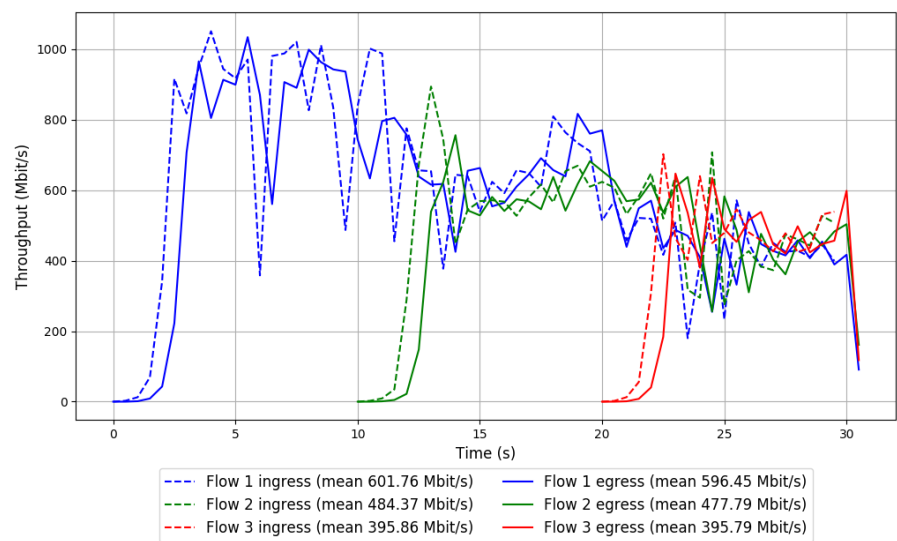


Run 6: Statistics of FillP-Sheep

Start at: 2018-07-04 18:24:05
End at: 2018-07-04 18:24:35
Local clock offset: 0.107 ms
Remote clock offset: -0.572 ms

Below is generated by plot.py at 2018-07-04 21:49:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 1044.53 Mbit/s
95th percentile per-packet one-way delay: 301.712 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 596.45 Mbit/s
95th percentile per-packet one-way delay: 306.747 ms
Loss rate: 0.77%
-- Flow 2:
Average throughput: 477.79 Mbit/s
95th percentile per-packet one-way delay: 304.890 ms
Loss rate: 0.95%
-- Flow 3:
Average throughput: 395.79 Mbit/s
95th percentile per-packet one-way delay: 144.235 ms
Loss rate: 0.00%

Run 6: Report of FillP-Sheep — Data Link

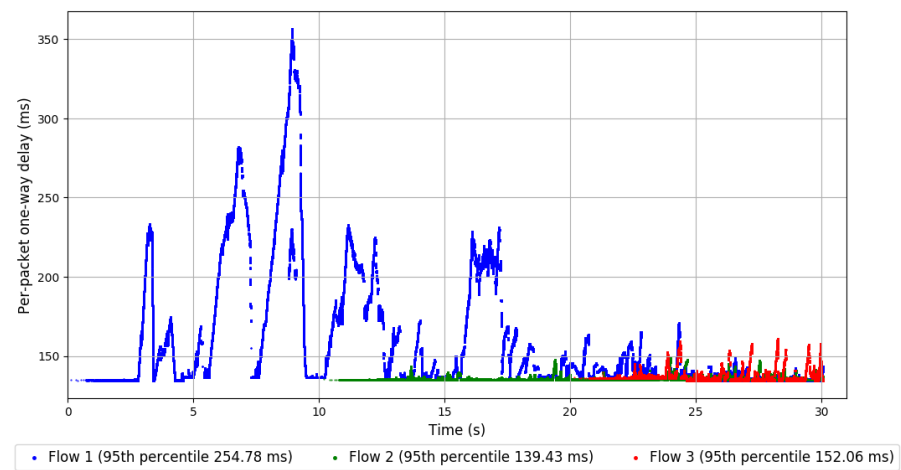
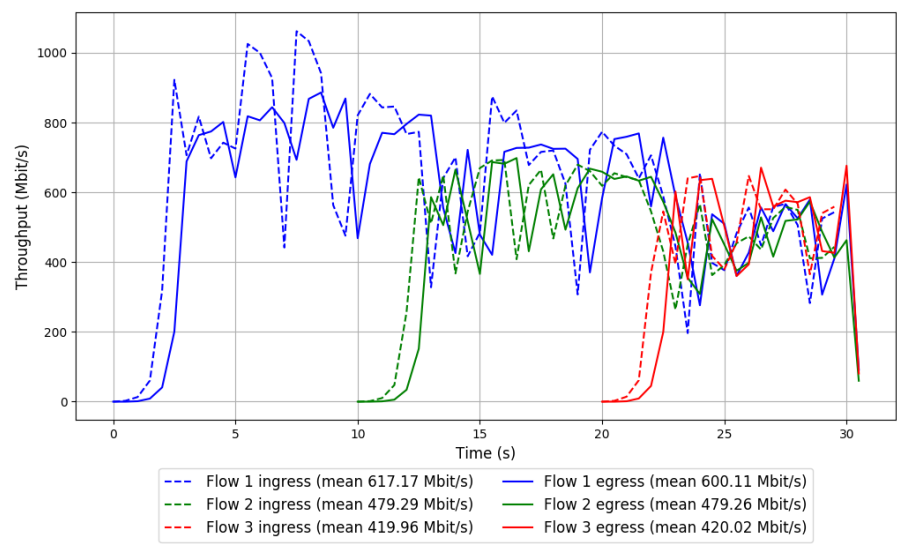


Run 7: Statistics of FillP-Sheep

Start at: 2018-07-04 18:51:04
End at: 2018-07-04 18:51:34
Local clock offset: -0.085 ms
Remote clock offset: -0.232 ms

Below is generated by plot.py at 2018-07-04 22:07:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 1056.96 Mbit/s
95th percentile per-packet one-way delay: 232.123 ms
Loss rate: 1.58%
-- Flow 1:
Average throughput: 600.11 Mbit/s
95th percentile per-packet one-way delay: 254.778 ms
Loss rate: 2.76%
-- Flow 2:
Average throughput: 479.26 Mbit/s
95th percentile per-packet one-way delay: 139.426 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 420.02 Mbit/s
95th percentile per-packet one-way delay: 152.061 ms
Loss rate: 0.00%

Run 7: Report of FillP-Sheep — Data Link



Run 8: Statistics of FillP-Sheep

Start at: 2018-07-04 19:17:49

End at: 2018-07-04 19:18:19

Local clock offset: 0.029 ms

Remote clock offset: -0.17 ms

Below is generated by plot.py at 2018-07-04 22:07:40

Datalink statistics

-- Total of 3 flows:

Average throughput: 1060.99 Mbit/s

95th percentile per-packet one-way delay: 248.345 ms

Loss rate: 0.64%

-- Flow 1:

Average throughput: 581.24 Mbit/s

95th percentile per-packet one-way delay: 311.599 ms

Loss rate: 1.11%

-- Flow 2:

Average throughput: 511.89 Mbit/s

95th percentile per-packet one-way delay: 189.902 ms

Loss rate: 0.08%

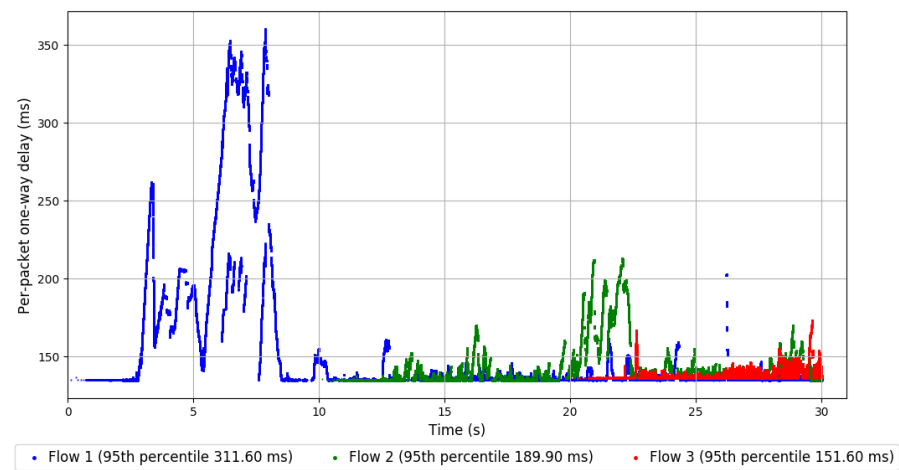
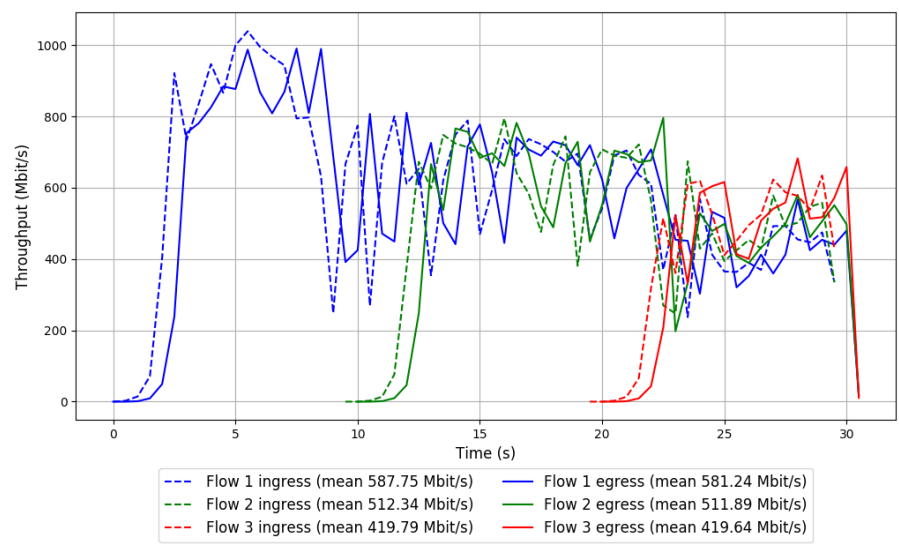
-- Flow 3:

Average throughput: 419.64 Mbit/s

95th percentile per-packet one-way delay: 151.601 ms

Loss rate: 0.06%

Run 8: Report of FillP-Sheep — Data Link

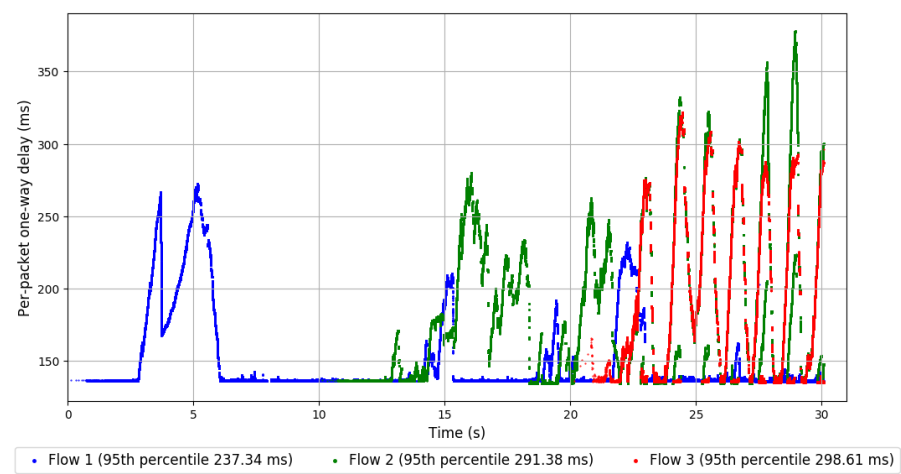
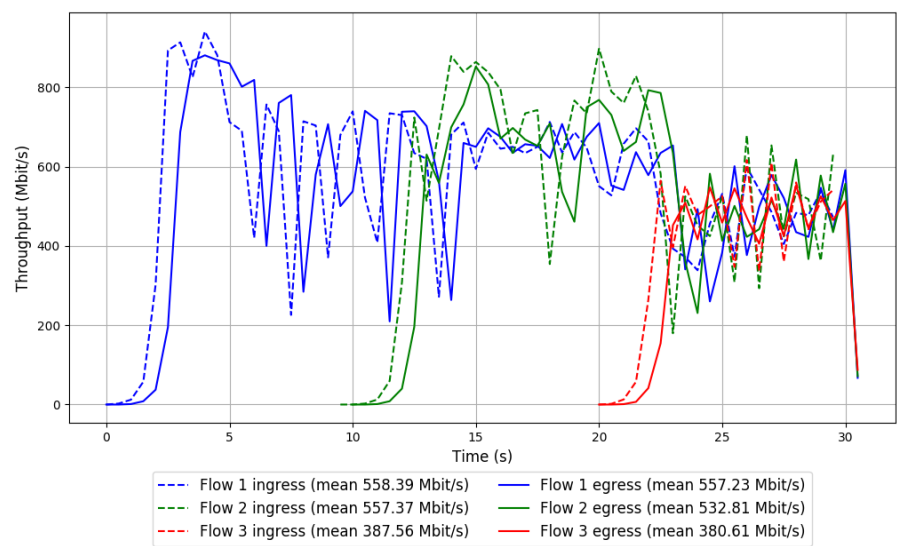


Run 9: Statistics of FillP-Sheep

Start at: 2018-07-04 19:44:31
End at: 2018-07-04 19:45:01
Local clock offset: -0.123 ms
Remote clock offset: -0.098 ms

Below is generated by plot.py at 2018-07-04 22:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 1037.81 Mbit/s
95th percentile per-packet one-way delay: 272.429 ms
Loss rate: 1.87%
-- Flow 1:
Average throughput: 557.23 Mbit/s
95th percentile per-packet one-way delay: 237.345 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 532.81 Mbit/s
95th percentile per-packet one-way delay: 291.377 ms
Loss rate: 4.41%
-- Flow 3:
Average throughput: 380.61 Mbit/s
95th percentile per-packet one-way delay: 298.608 ms
Loss rate: 1.71%

Run 9: Report of FillP-Sheep — Data Link

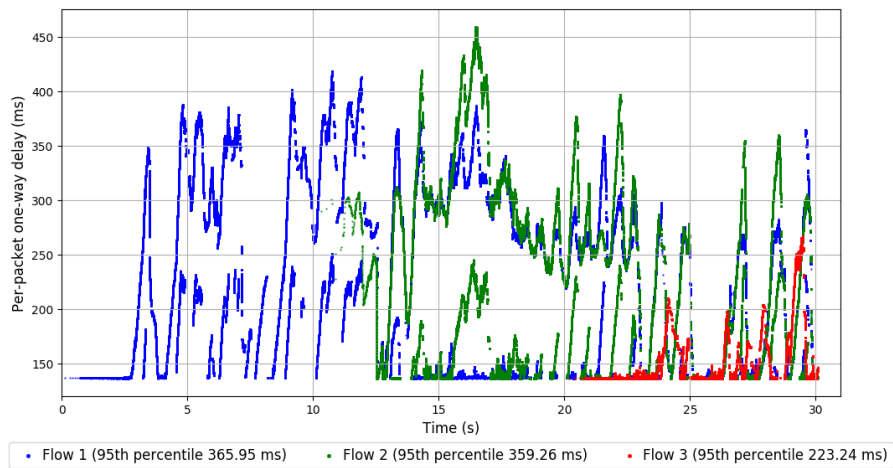
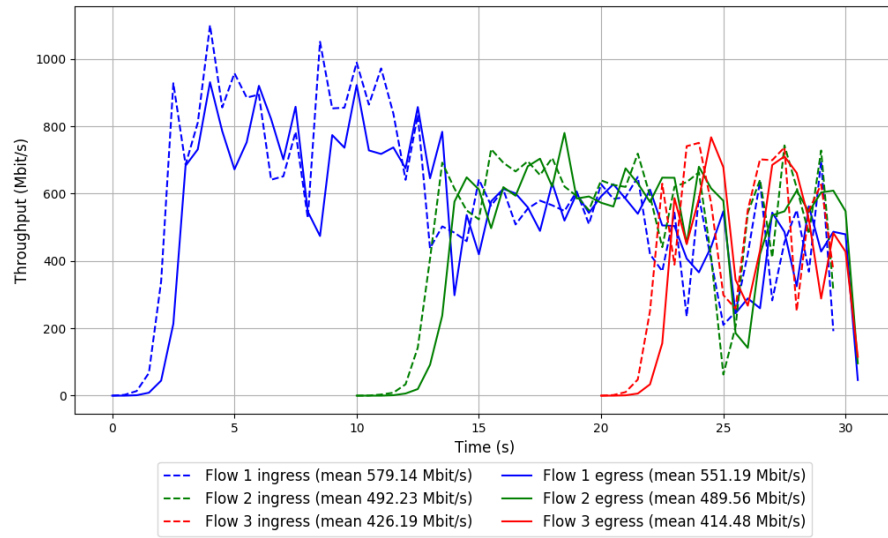


Run 10: Statistics of FillP-Sheep

Start at: 2018-07-04 20:10:58
End at: 2018-07-04 20:11:28
Local clock offset: 0.085 ms
Remote clock offset: -0.051 ms

Below is generated by plot.py at 2018-07-04 22:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 1010.99 Mbit/s
95th percentile per-packet one-way delay: 362.088 ms
Loss rate: 3.50%
-- Flow 1:
Average throughput: 551.19 Mbit/s
95th percentile per-packet one-way delay: 365.949 ms
Loss rate: 4.90%
-- Flow 2:
Average throughput: 489.56 Mbit/s
95th percentile per-packet one-way delay: 359.265 ms
Loss rate: 1.30%
-- Flow 3:
Average throughput: 414.48 Mbit/s
95th percentile per-packet one-way delay: 223.238 ms
Loss rate: 2.86%

Run 10: Report of FillP-Sheep — Data Link

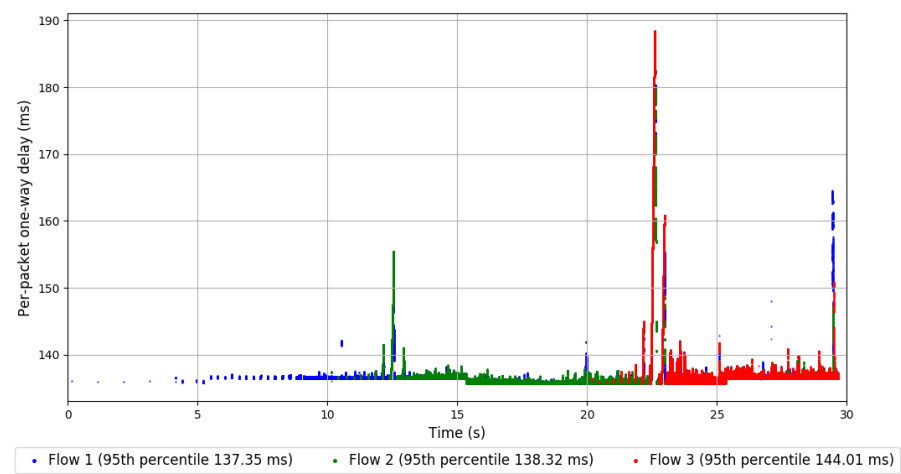
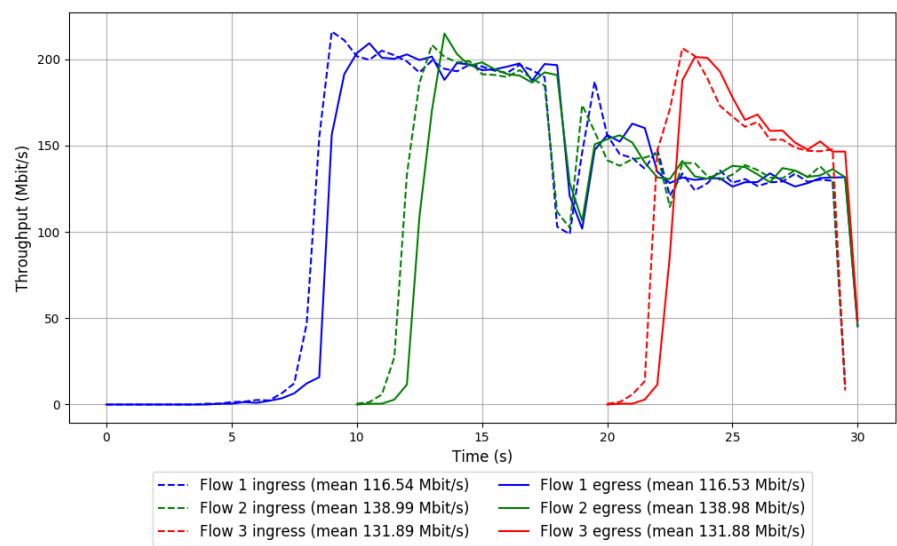


Run 1: Statistics of Indigo

Start at: 2018-07-04 16:15:33
End at: 2018-07-04 16:16:03
Local clock offset: -0.039 ms
Remote clock offset: -0.235 ms

Below is generated by plot.py at 2018-07-04 22:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 250.85 Mbit/s
95th percentile per-packet one-way delay: 138.121 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 116.53 Mbit/s
95th percentile per-packet one-way delay: 137.354 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 138.98 Mbit/s
95th percentile per-packet one-way delay: 138.317 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 131.88 Mbit/s
95th percentile per-packet one-way delay: 144.013 ms
Loss rate: 0.00%

Run 1: Report of Indigo — Data Link

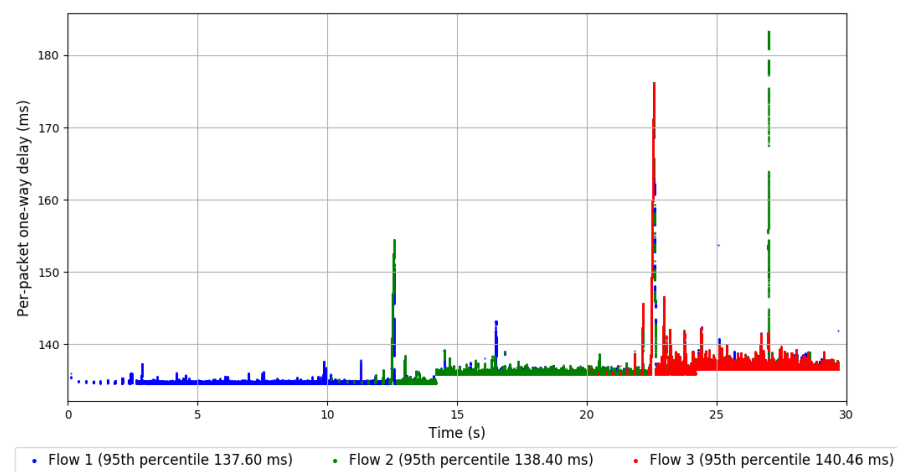
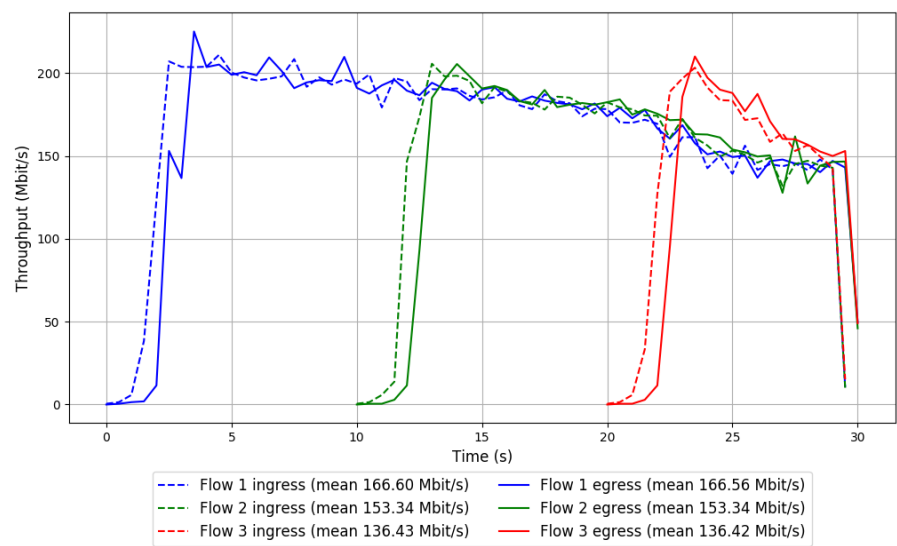


Run 2: Statistics of Indigo

Start at: 2018-07-04 16:42:44
End at: 2018-07-04 16:43:14
Local clock offset: -0.158 ms
Remote clock offset: -0.211 ms

Below is generated by plot.py at 2018-07-04 22:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 311.82 Mbit/s
95th percentile per-packet one-way delay: 138.245 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 166.56 Mbit/s
95th percentile per-packet one-way delay: 137.602 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 153.34 Mbit/s
95th percentile per-packet one-way delay: 138.401 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 136.42 Mbit/s
95th percentile per-packet one-way delay: 140.458 ms
Loss rate: 0.01%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2018-07-04 17:09:48

End at: 2018-07-04 17:10:18

Local clock offset: -0.09 ms

Remote clock offset: 0.175 ms

Below is generated by plot.py at 2018-07-04 22:08:49

Datalink statistics

-- Total of 3 flows:

Average throughput: 311.71 Mbit/s

95th percentile per-packet one-way delay: 139.046 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 168.58 Mbit/s

95th percentile per-packet one-way delay: 137.886 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 158.23 Mbit/s

95th percentile per-packet one-way delay: 139.494 ms

Loss rate: 0.00%

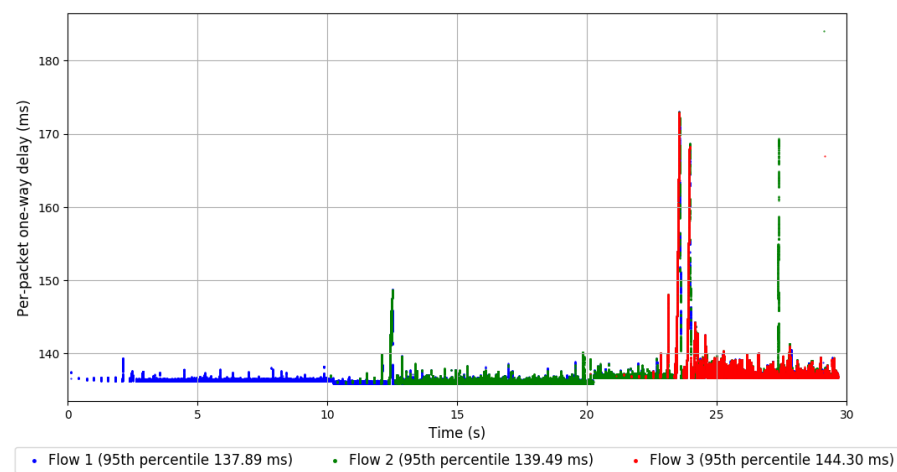
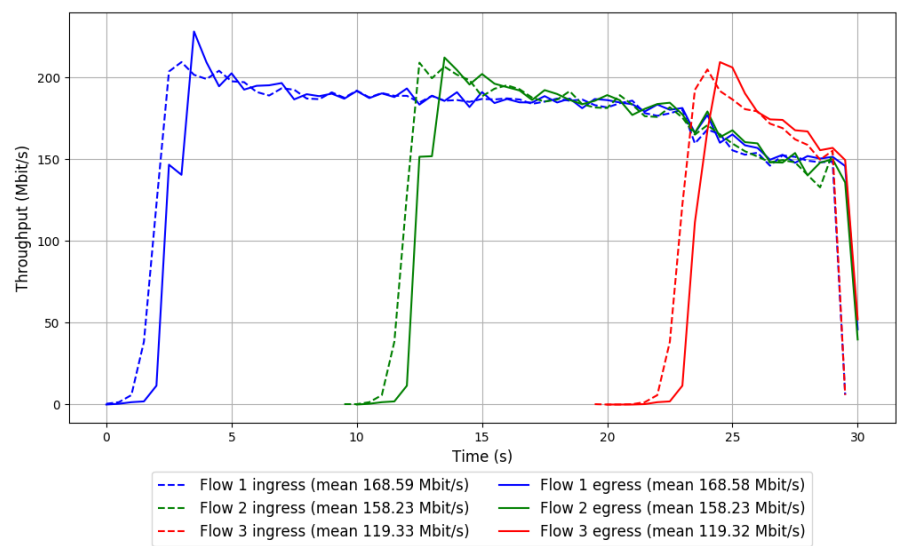
-- Flow 3:

Average throughput: 119.32 Mbit/s

95th percentile per-packet one-way delay: 144.302 ms

Loss rate: 0.01%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2018-07-04 17:36:53

End at: 2018-07-04 17:37:23

Local clock offset: 0.089 ms

Remote clock offset: -0.21 ms

Below is generated by plot.py at 2018-07-04 22:08:49

Datalink statistics

-- Total of 3 flows:

Average throughput: 310.34 Mbit/s

95th percentile per-packet one-way delay: 137.982 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 165.41 Mbit/s

95th percentile per-packet one-way delay: 137.099 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 153.66 Mbit/s

95th percentile per-packet one-way delay: 138.646 ms

Loss rate: 0.00%

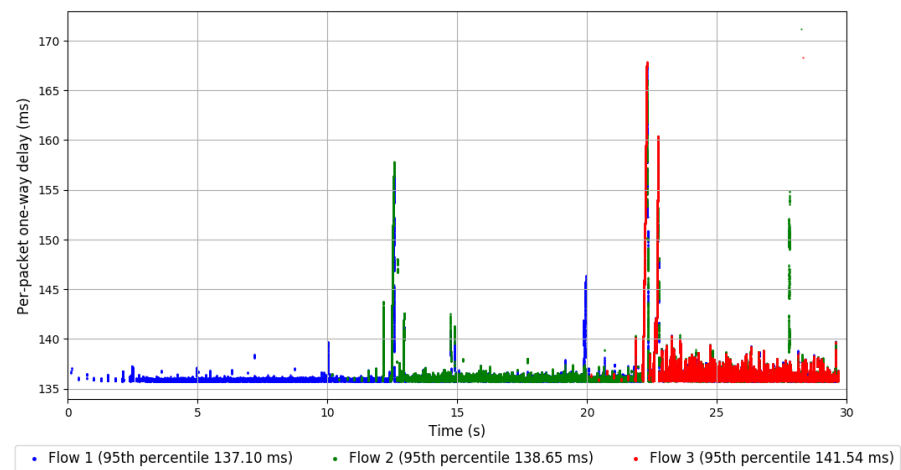
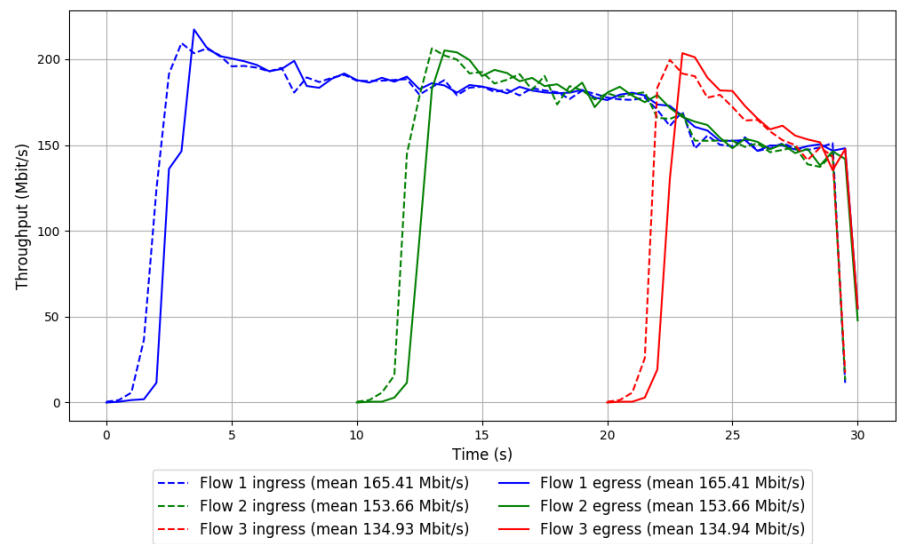
-- Flow 3:

Average throughput: 134.94 Mbit/s

95th percentile per-packet one-way delay: 141.542 ms

Loss rate: 0.00%

Run 4: Report of Indigo — Data Link

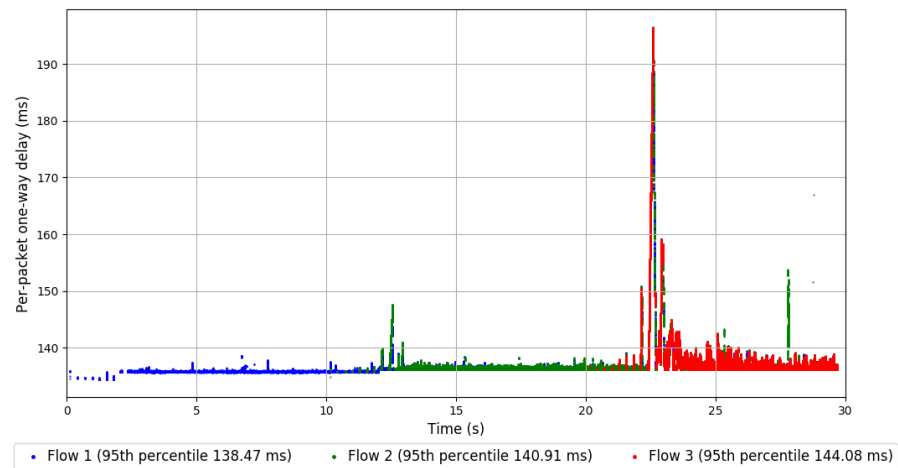
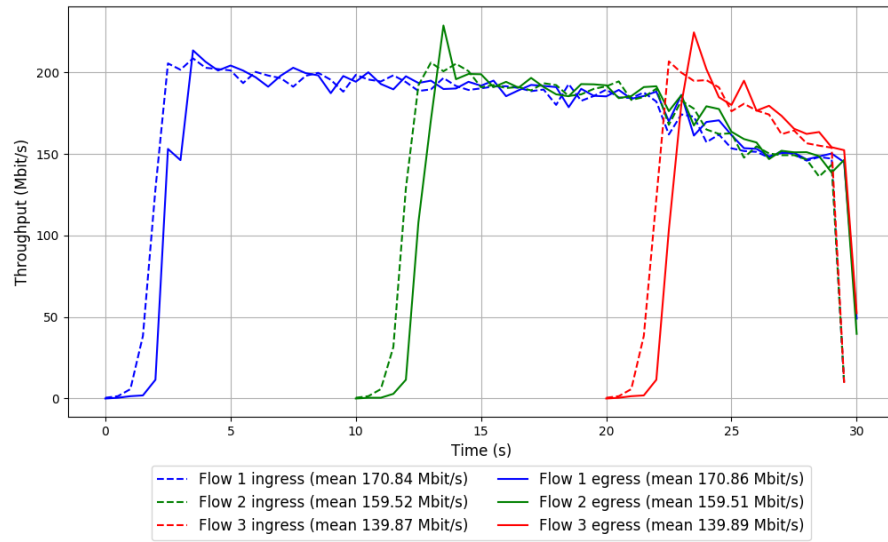


Run 5: Statistics of Indigo

Start at: 2018-07-04 18:03:46
End at: 2018-07-04 18:04:16
Local clock offset: 0.109 ms
Remote clock offset: -0.185 ms

Below is generated by plot.py at 2018-07-04 22:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 321.38 Mbit/s
95th percentile per-packet one-way delay: 140.147 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 170.86 Mbit/s
95th percentile per-packet one-way delay: 138.469 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 159.51 Mbit/s
95th percentile per-packet one-way delay: 140.912 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 139.89 Mbit/s
95th percentile per-packet one-way delay: 144.081 ms
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link

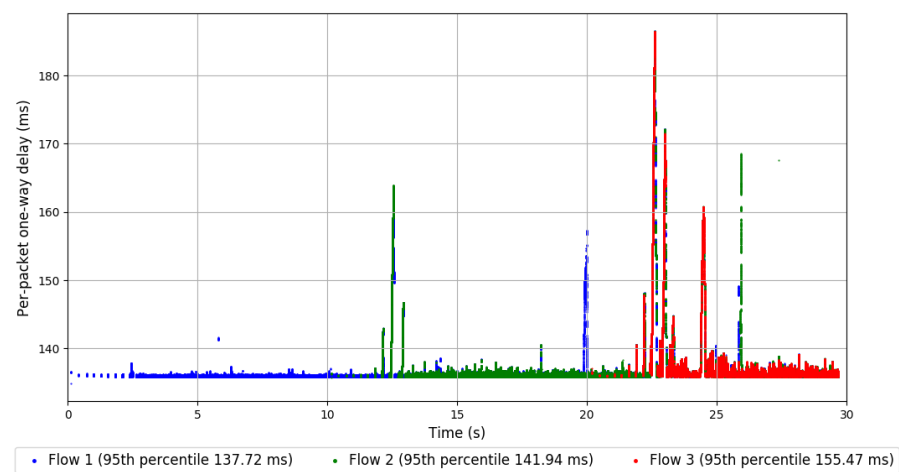
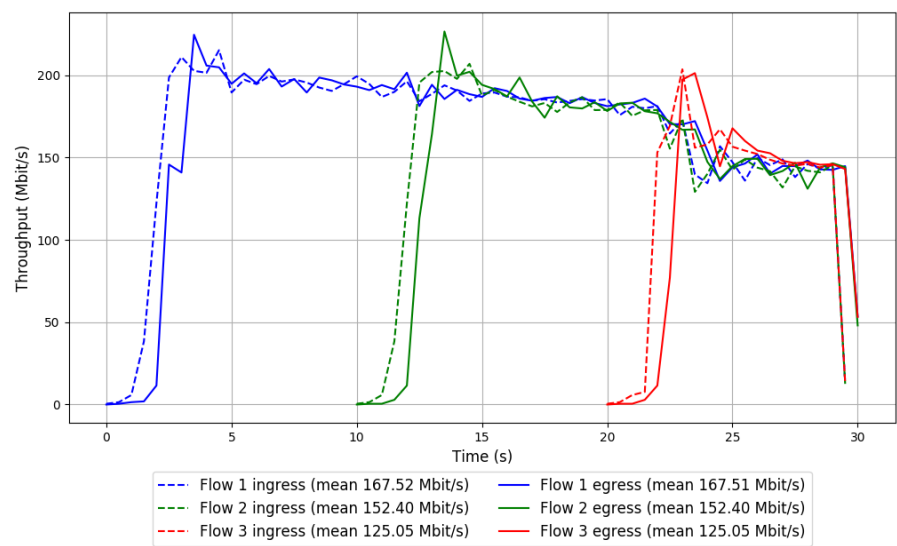


Run 6: Statistics of Indigo

Start at: 2018-07-04 18:30:46
End at: 2018-07-04 18:31:16
Local clock offset: -0.152 ms
Remote clock offset: -0.213 ms

Below is generated by plot.py at 2018-07-04 22:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 308.47 Mbit/s
95th percentile per-packet one-way delay: 140.395 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 167.51 Mbit/s
95th percentile per-packet one-way delay: 137.722 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 152.40 Mbit/s
95th percentile per-packet one-way delay: 141.939 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 125.05 Mbit/s
95th percentile per-packet one-way delay: 155.465 ms
Loss rate: 0.00%

Run 6: Report of Indigo — Data Link

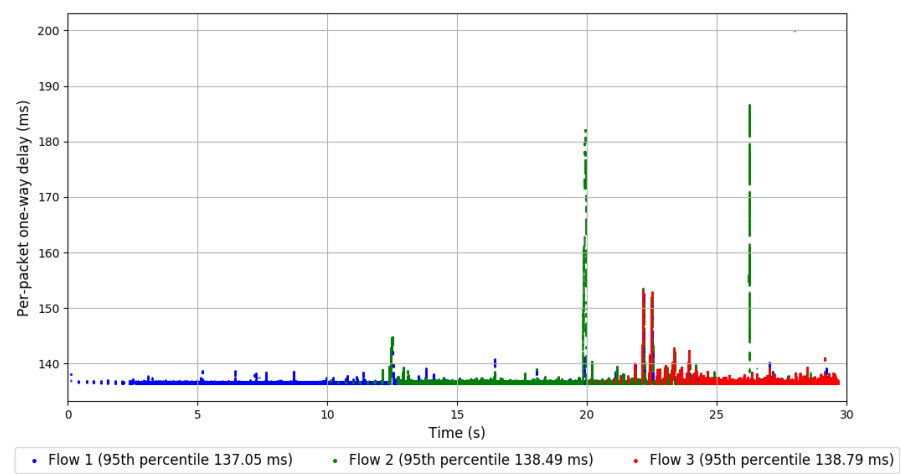
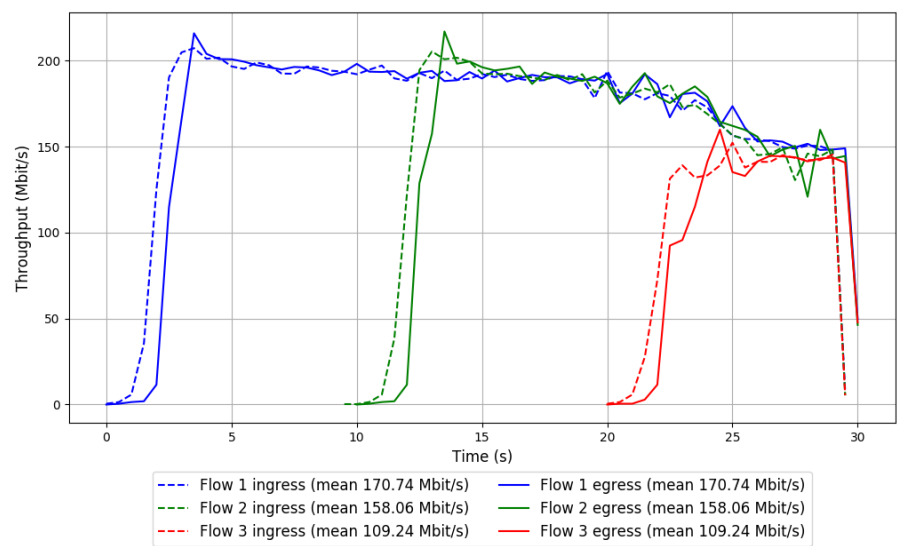


Run 7: Statistics of Indigo

Start at: 2018-07-04 18:57:34
End at: 2018-07-04 18:58:04
Local clock offset: -0.146 ms
Remote clock offset: -0.212 ms

Below is generated by plot.py at 2018-07-04 22:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 310.47 Mbit/s
95th percentile per-packet one-way delay: 137.774 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 170.74 Mbit/s
95th percentile per-packet one-way delay: 137.052 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 158.06 Mbit/s
95th percentile per-packet one-way delay: 138.488 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 109.24 Mbit/s
95th percentile per-packet one-way delay: 138.787 ms
Loss rate: 0.00%

Run 7: Report of Indigo — Data Link

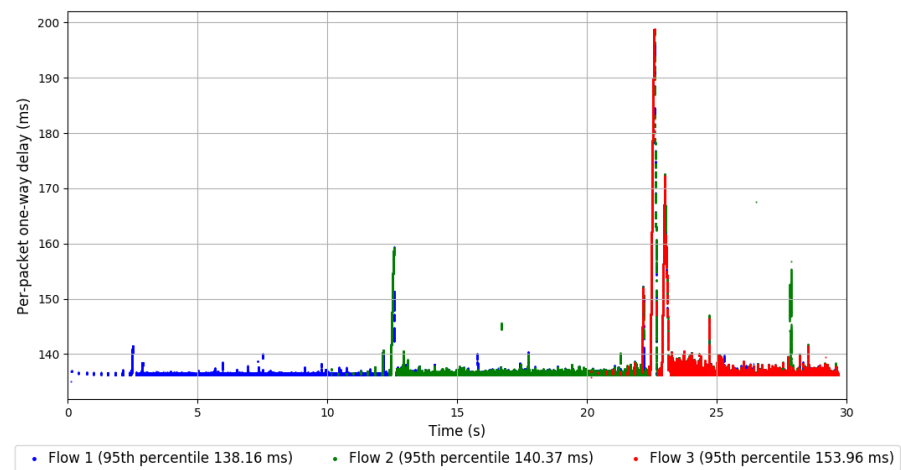
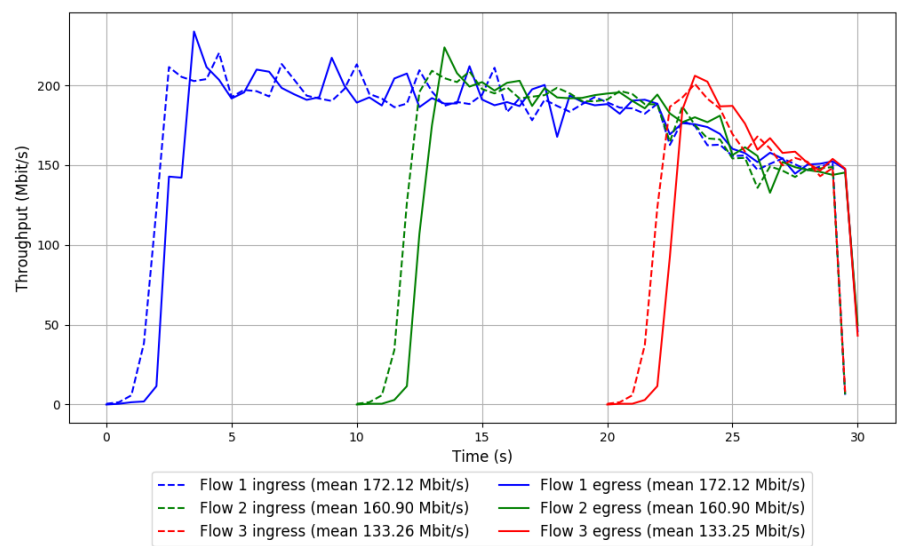


Run 8: Statistics of Indigo

Start at: 2018-07-04 19:24:10
End at: 2018-07-04 19:24:40
Local clock offset: -0.045 ms
Remote clock offset: -0.158 ms

Below is generated by plot.py at 2018-07-04 22:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 321.41 Mbit/s
95th percentile per-packet one-way delay: 139.382 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 172.12 Mbit/s
95th percentile per-packet one-way delay: 138.157 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 160.90 Mbit/s
95th percentile per-packet one-way delay: 140.365 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 133.25 Mbit/s
95th percentile per-packet one-way delay: 153.955 ms
Loss rate: 0.01%

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2018-07-04 19:50:55

End at: 2018-07-04 19:51:25

Local clock offset: -0.062 ms

Remote clock offset: -0.17 ms

Below is generated by plot.py at 2018-07-04 22:08:49

Datalink statistics

-- Total of 3 flows:

Average throughput: 286.33 Mbit/s

95th percentile per-packet one-way delay: 138.631 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 154.79 Mbit/s

95th percentile per-packet one-way delay: 137.574 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 148.73 Mbit/s

95th percentile per-packet one-way delay: 139.915 ms

Loss rate: 0.00%

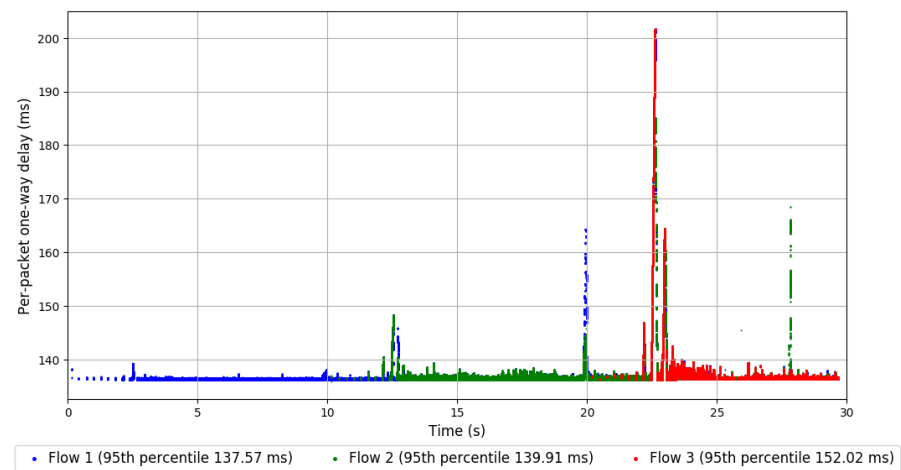
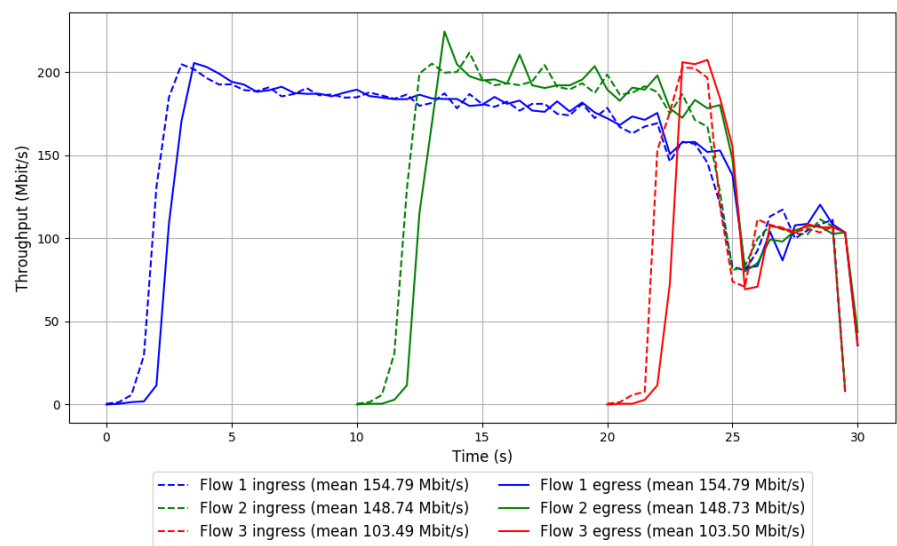
-- Flow 3:

Average throughput: 103.50 Mbit/s

95th percentile per-packet one-way delay: 152.019 ms

Loss rate: 0.00%

Run 9: Report of Indigo — Data Link

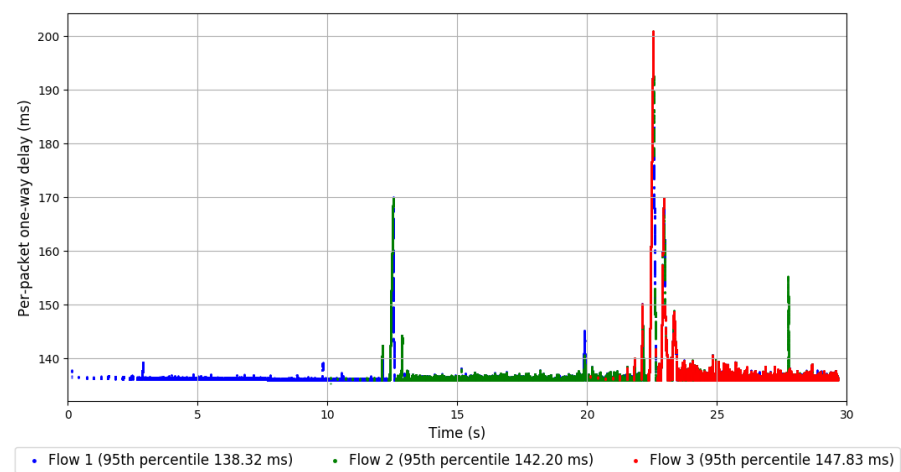
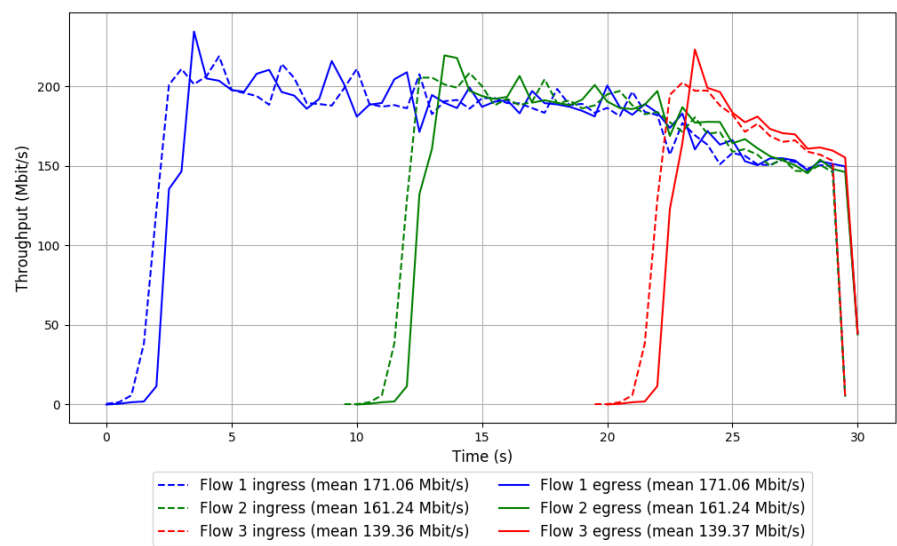


Run 10: Statistics of Indigo

Start at: 2018-07-04 20:17:30
End at: 2018-07-04 20:18:00
Local clock offset: 0.273 ms
Remote clock offset: -0.009 ms

Below is generated by plot.py at 2018-07-04 22:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 322.81 Mbit/s
95th percentile per-packet one-way delay: 140.667 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 171.06 Mbit/s
95th percentile per-packet one-way delay: 138.322 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 161.24 Mbit/s
95th percentile per-packet one-way delay: 142.203 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 139.37 Mbit/s
95th percentile per-packet one-way delay: 147.829 ms
Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

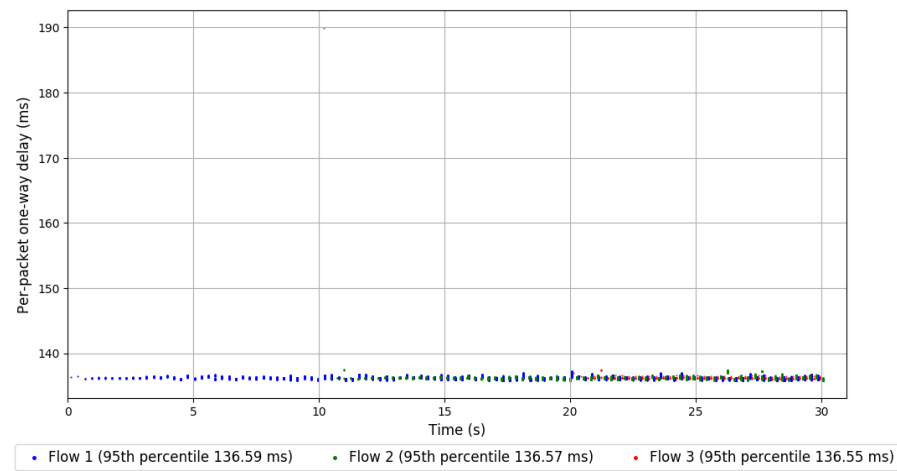
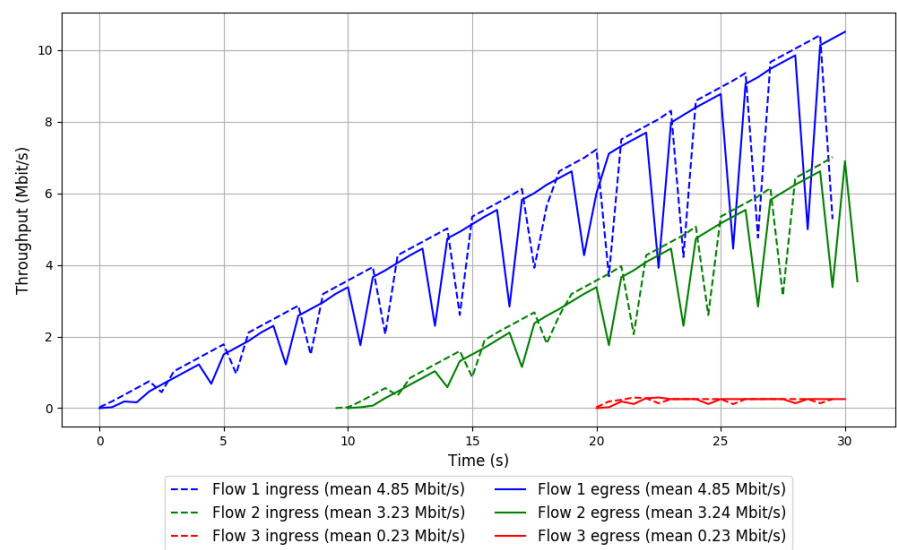


Run 1: Statistics of LEDBAT

Start at: 2018-07-04 16:22:13
End at: 2018-07-04 16:22:43
Local clock offset: -0.097 ms
Remote clock offset: -0.216 ms

Below is generated by plot.py at 2018-07-04 22:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 7.04 Mbit/s
95th percentile per-packet one-way delay: 136.579 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.85 Mbit/s
95th percentile per-packet one-way delay: 136.591 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.24 Mbit/s
95th percentile per-packet one-way delay: 136.567 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 136.547 ms
Loss rate: 0.00%

Run 1: Report of LEDBAT — Data Link

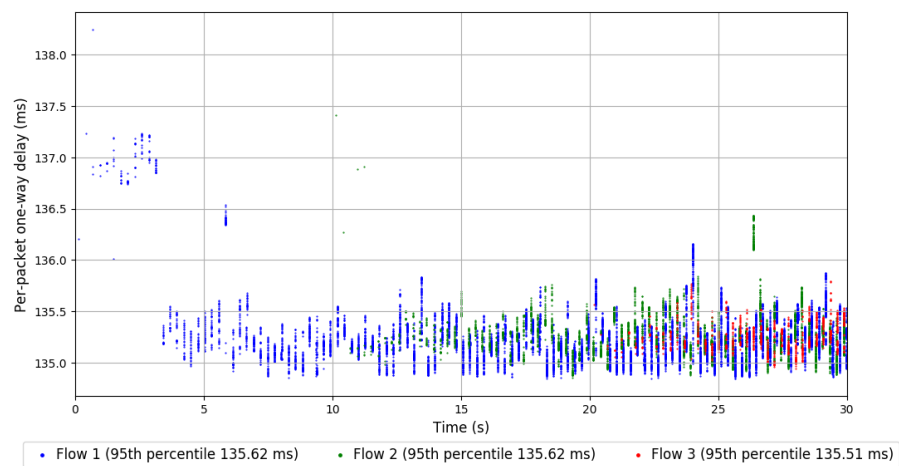
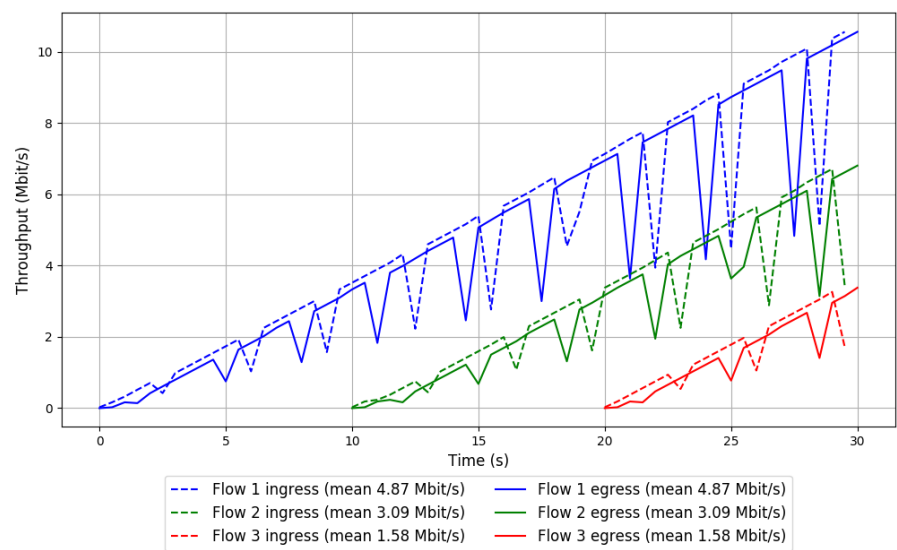


Run 2: Statistics of LEDBAT

Start at: 2018-07-04 16:49:15
End at: 2018-07-04 16:49:45
Local clock offset: -0.249 ms
Remote clock offset: -0.095 ms

Below is generated by plot.py at 2018-07-04 22:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 7.42 Mbit/s
95th percentile per-packet one-way delay: 135.612 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.87 Mbit/s
95th percentile per-packet one-way delay: 135.622 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.09 Mbit/s
95th percentile per-packet one-way delay: 135.624 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.58 Mbit/s
95th percentile per-packet one-way delay: 135.506 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

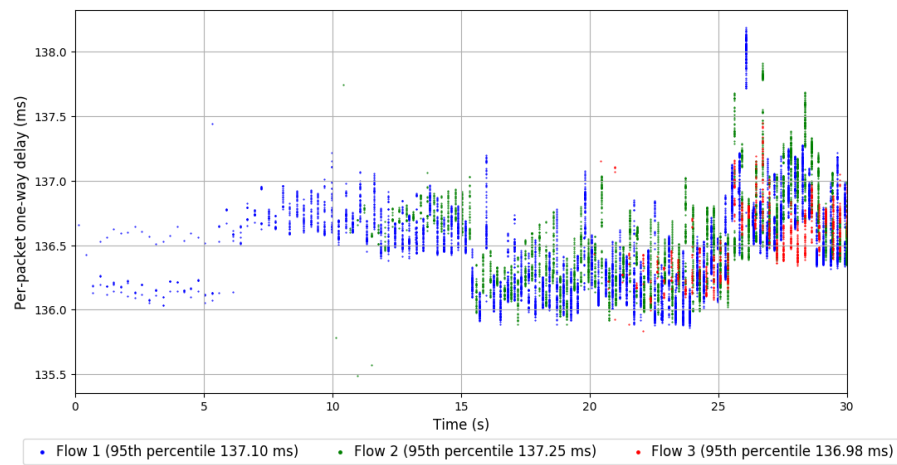
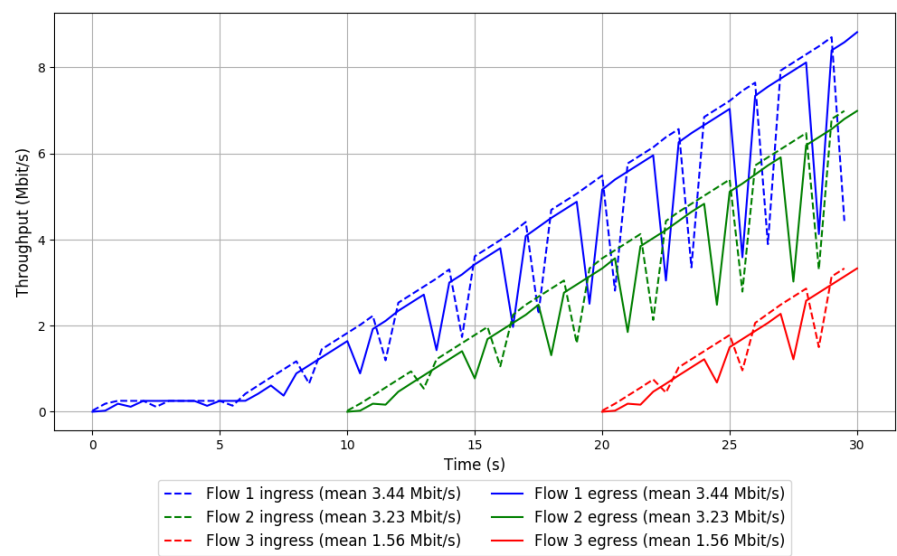


Run 3: Statistics of LEDBAT

Start at: 2018-07-04 17:16:23
End at: 2018-07-04 17:16:53
Local clock offset: -0.016 ms
Remote clock offset: -0.204 ms

Below is generated by plot.py at 2018-07-04 22:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 6.08 Mbit/s
95th percentile per-packet one-way delay: 137.154 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.44 Mbit/s
95th percentile per-packet one-way delay: 137.102 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.23 Mbit/s
95th percentile per-packet one-way delay: 137.250 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.56 Mbit/s
95th percentile per-packet one-way delay: 136.977 ms
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

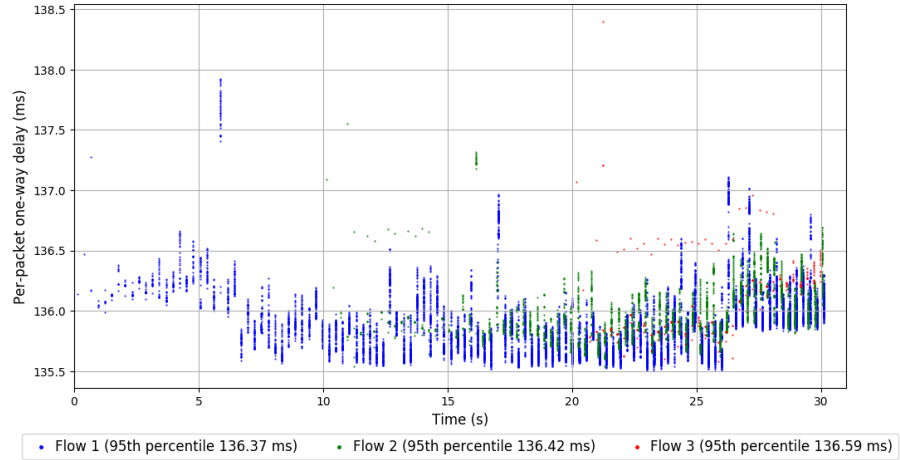
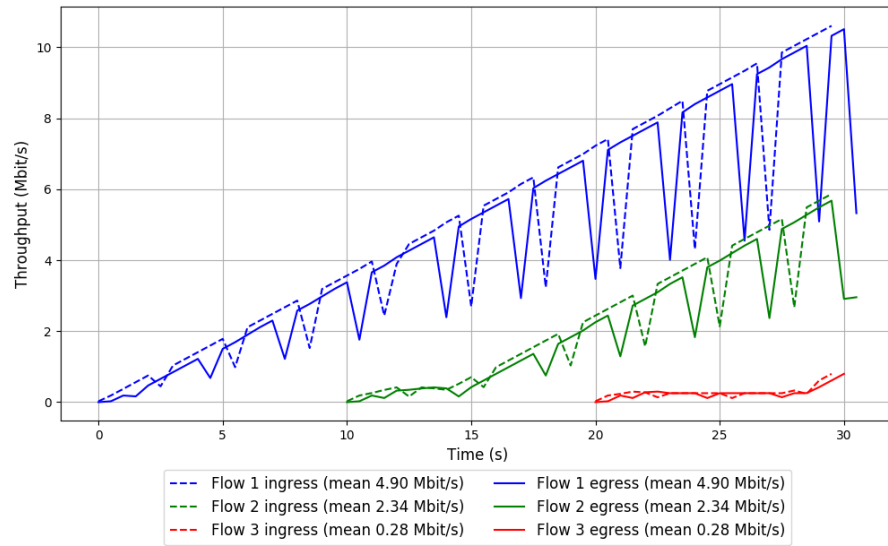


Run 4: Statistics of LEDBAT

Start at: 2018-07-04 17:43:32
End at: 2018-07-04 17:44:02
Local clock offset: 0.089 ms
Remote clock offset: -0.194 ms

Below is generated by plot.py at 2018-07-04 22:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 6.54 Mbit/s
95th percentile per-packet one-way delay: 136.405 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.90 Mbit/s
95th percentile per-packet one-way delay: 136.373 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 136.419 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 136.594 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link

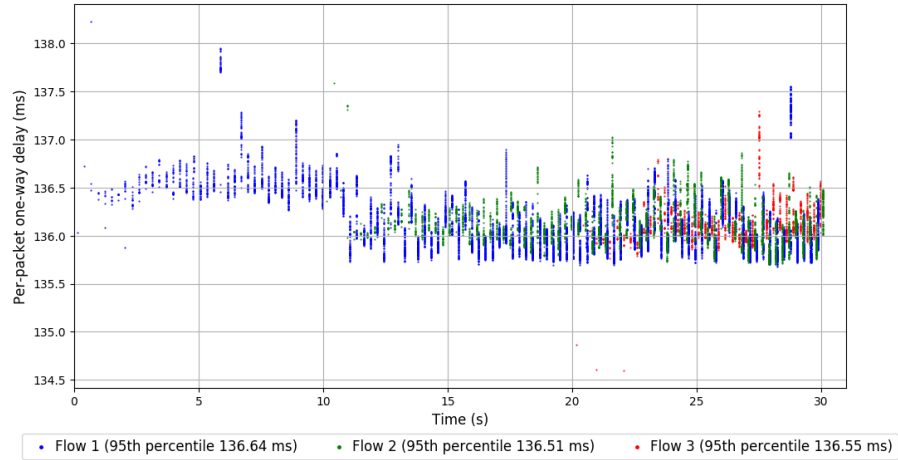
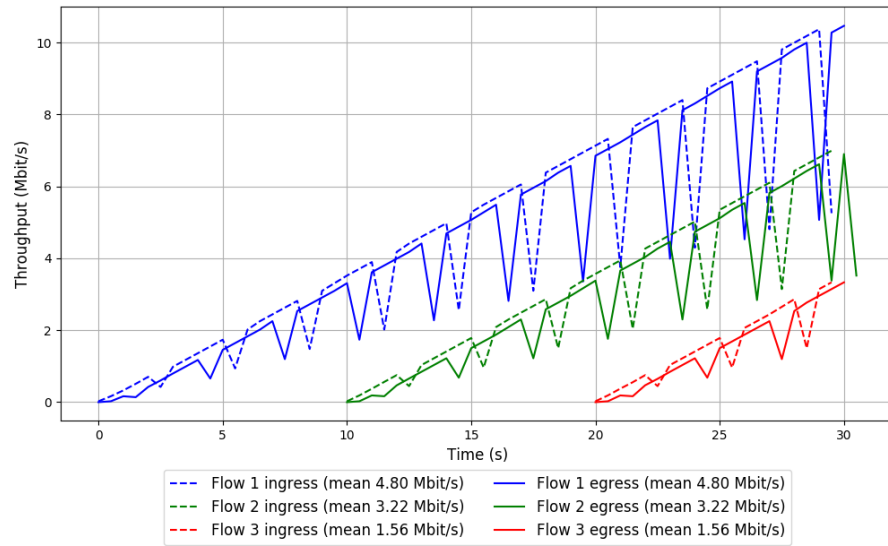


Run 5: Statistics of LEDBAT

Start at: 2018-07-04 18:10:17
End at: 2018-07-04 18:10:47
Local clock offset: 0.062 ms
Remote clock offset: -0.212 ms

Below is generated by plot.py at 2018-07-04 22:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 7.42 Mbit/s
95th percentile per-packet one-way delay: 136.602 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.80 Mbit/s
95th percentile per-packet one-way delay: 136.638 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.22 Mbit/s
95th percentile per-packet one-way delay: 136.509 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.56 Mbit/s
95th percentile per-packet one-way delay: 136.546 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

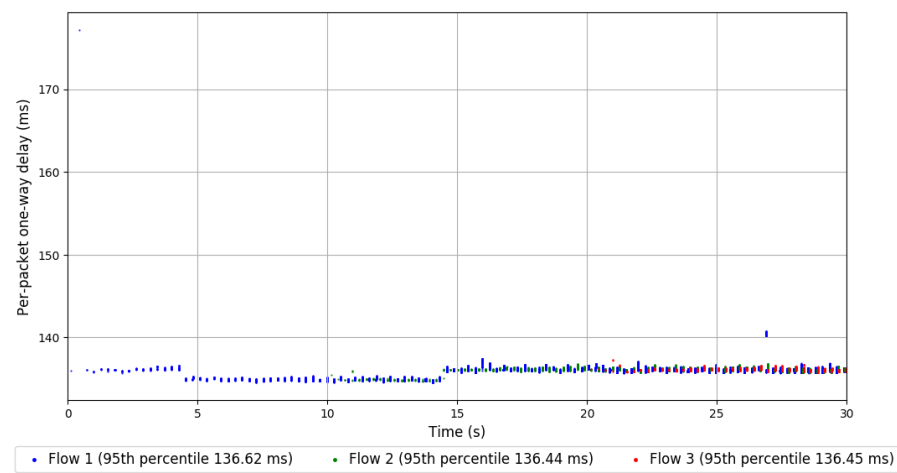
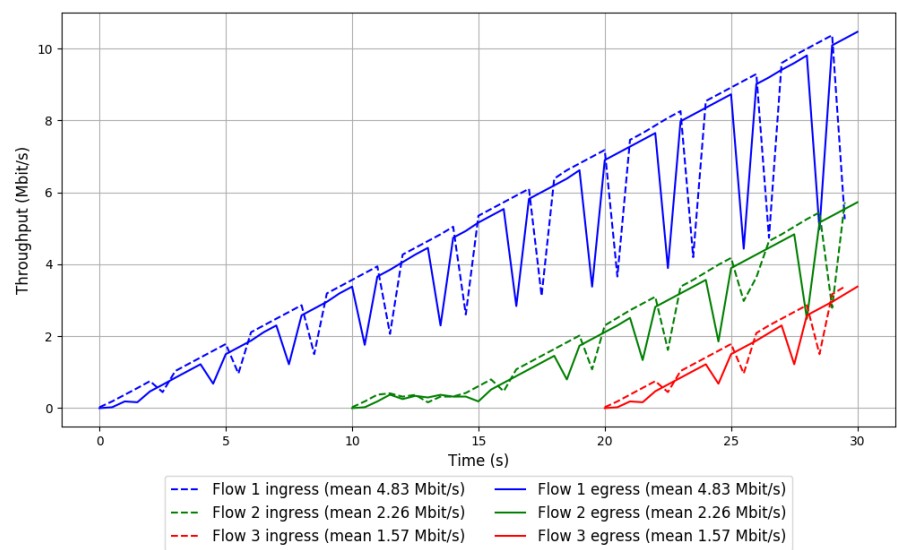


Run 6: Statistics of LEDBAT

Start at: 2018-07-04 18:37:24
End at: 2018-07-04 18:37:54
Local clock offset: 0.048 ms
Remote clock offset: -0.192 ms

Below is generated by plot.py at 2018-07-04 22:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 6.83 Mbit/s
95th percentile per-packet one-way delay: 136.574 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.83 Mbit/s
95th percentile per-packet one-way delay: 136.622 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 136.440 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.57 Mbit/s
95th percentile per-packet one-way delay: 136.453 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

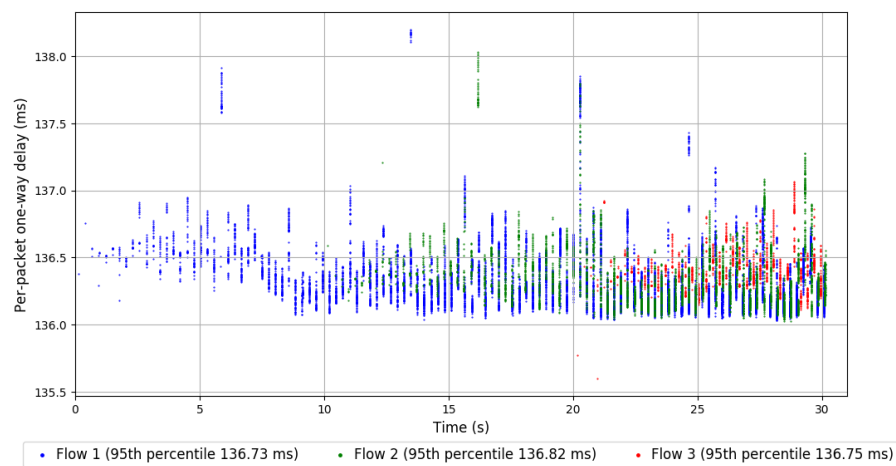
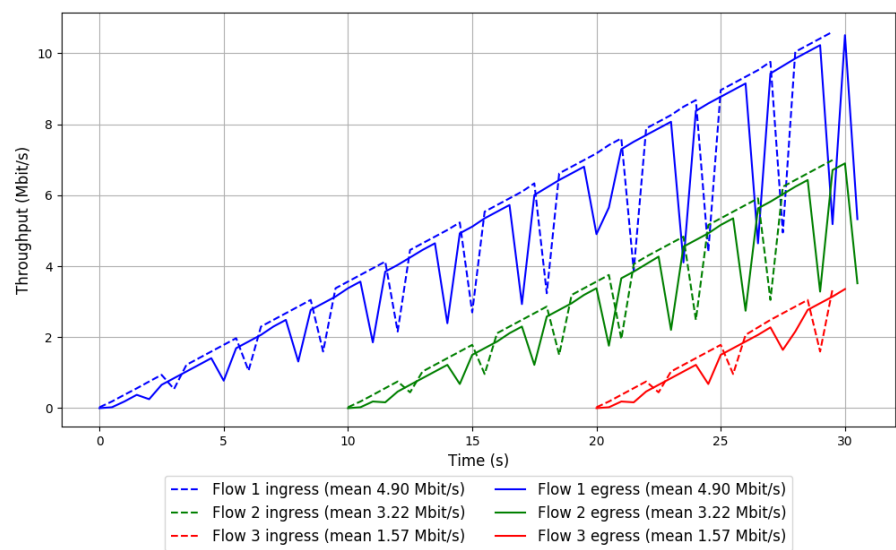


Run 7: Statistics of LEDBAT

Start at: 2018-07-04 19:04:01
End at: 2018-07-04 19:04:31
Local clock offset: 0.196 ms
Remote clock offset: -0.199 ms

Below is generated by plot.py at 2018-07-04 22:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 7.55 Mbit/s
95th percentile per-packet one-way delay: 136.751 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.90 Mbit/s
95th percentile per-packet one-way delay: 136.731 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.22 Mbit/s
95th percentile per-packet one-way delay: 136.822 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.57 Mbit/s
95th percentile per-packet one-way delay: 136.754 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

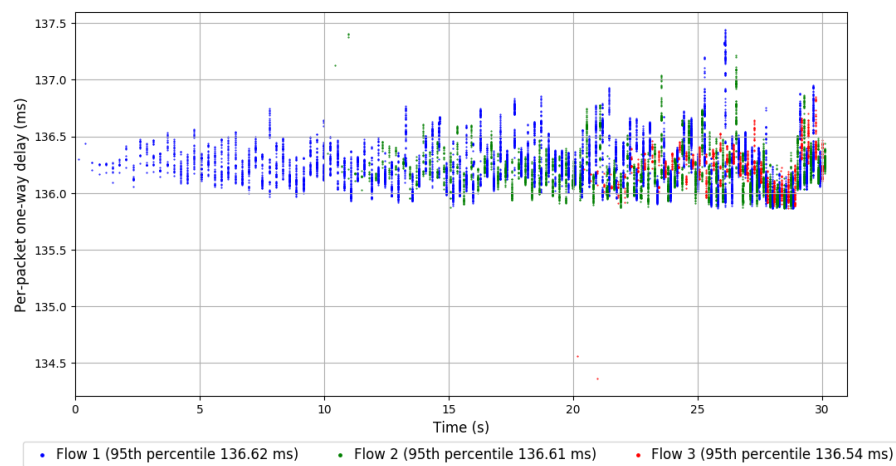
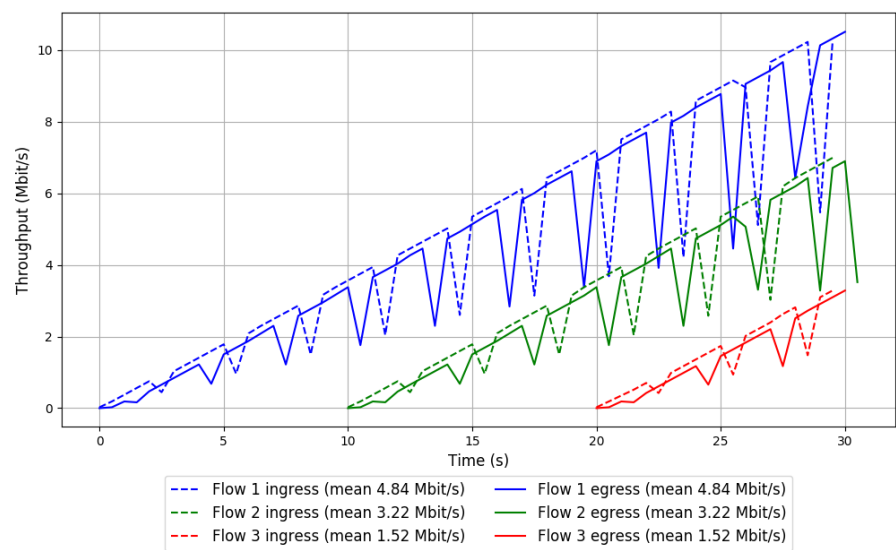


Run 8: Statistics of LEDBAT

Start at: 2018-07-04 19:30:49
End at: 2018-07-04 19:31:19
Local clock offset: 0.053 ms
Remote clock offset: -0.474 ms

Below is generated by plot.py at 2018-07-04 22:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 7.45 Mbit/s
95th percentile per-packet one-way delay: 136.612 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.84 Mbit/s
95th percentile per-packet one-way delay: 136.616 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.22 Mbit/s
95th percentile per-packet one-way delay: 136.612 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 136.538 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

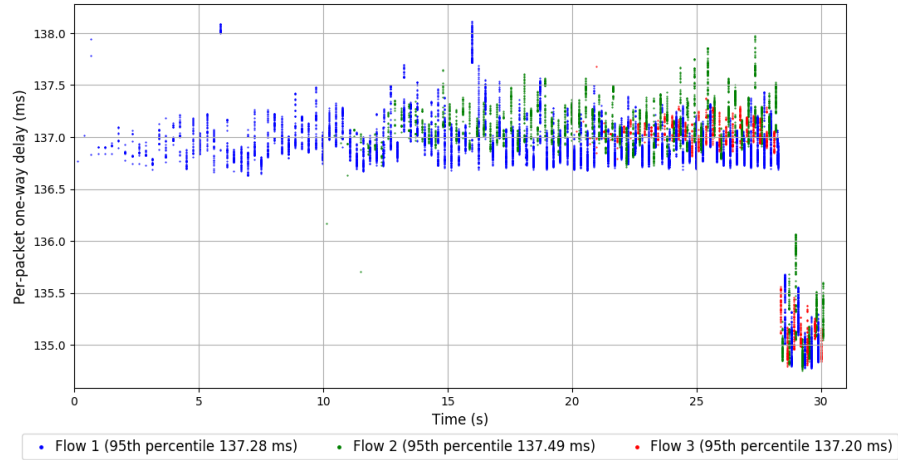
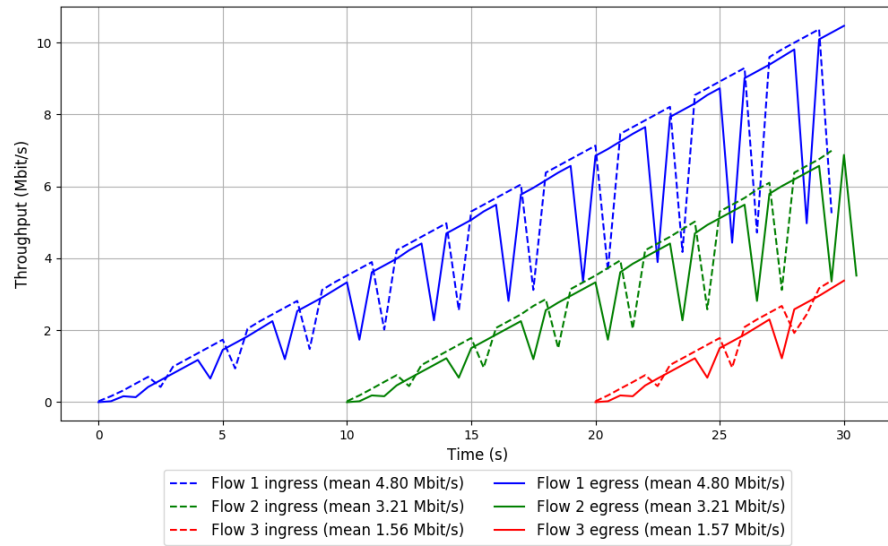


Run 9: Statistics of LEDBAT

Start at: 2018-07-04 19:57:20
End at: 2018-07-04 19:57:50
Local clock offset: -0.3 ms
Remote clock offset: -0.155 ms

Below is generated by plot.py at 2018-07-04 22:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 7.42 Mbit/s
95th percentile per-packet one-way delay: 137.370 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.80 Mbit/s
95th percentile per-packet one-way delay: 137.280 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.21 Mbit/s
95th percentile per-packet one-way delay: 137.485 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.57 Mbit/s
95th percentile per-packet one-way delay: 137.204 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2018-07-04 20:24:02

End at: 2018-07-04 20:24:32

Local clock offset: 0.095 ms

Remote clock offset: 0.029 ms

Below is generated by plot.py at 2018-07-04 22:08:49

Datalink statistics

-- Total of 3 flows:

Average throughput: 7.47 Mbit/s

95th percentile per-packet one-way delay: 137.289 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 4.83 Mbit/s

95th percentile per-packet one-way delay: 137.318 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 3.22 Mbit/s

95th percentile per-packet one-way delay: 137.230 ms

Loss rate: 0.00%

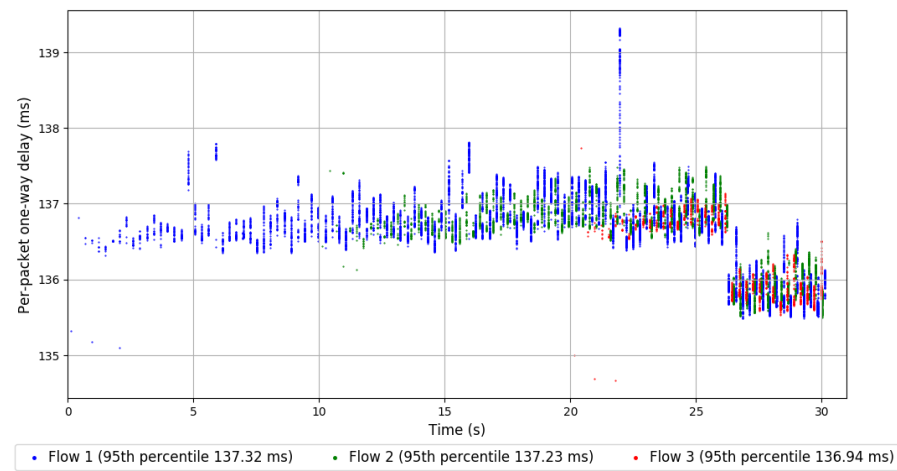
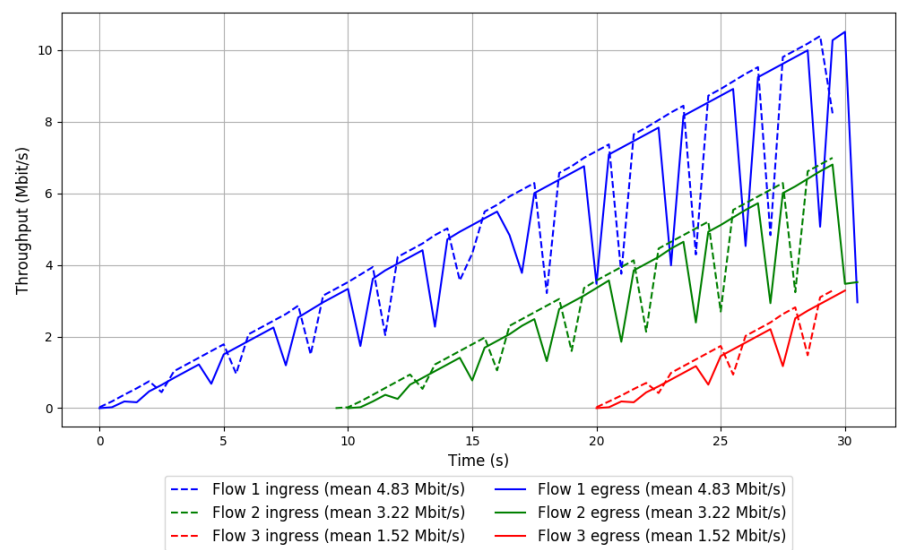
-- Flow 3:

Average throughput: 1.52 Mbit/s

95th percentile per-packet one-way delay: 136.943 ms

Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link

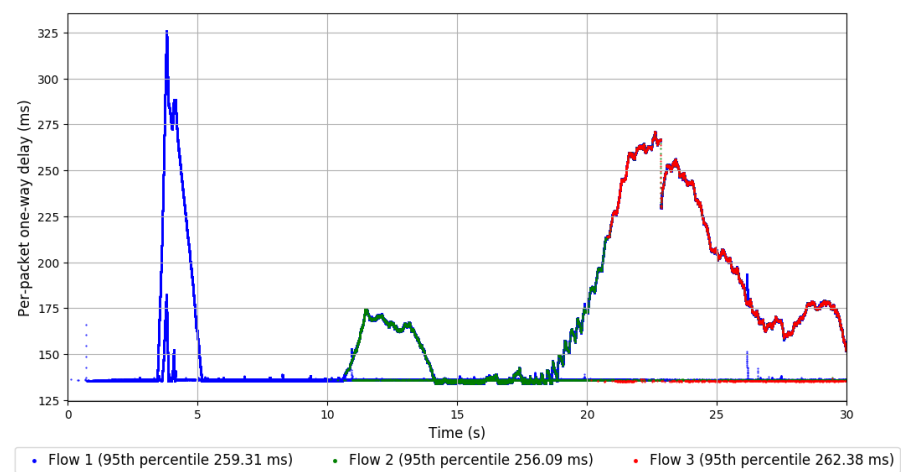
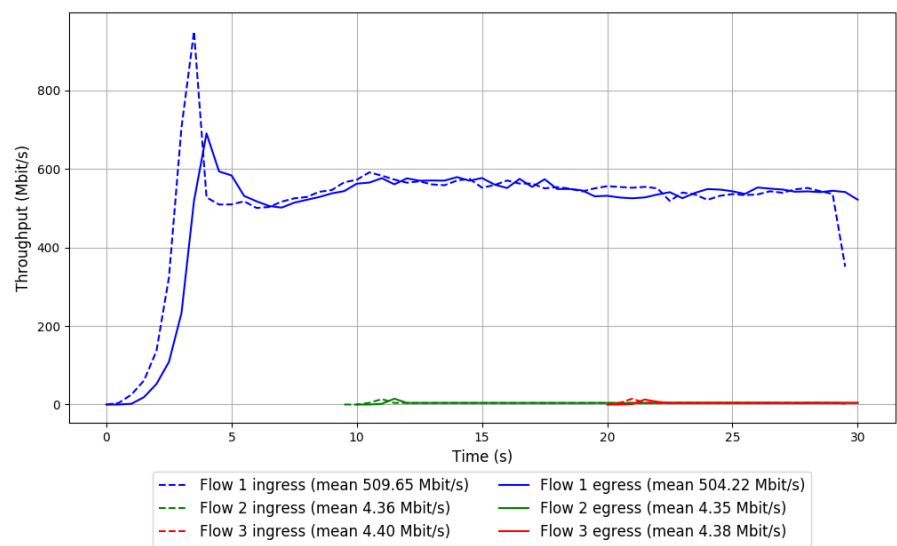


Run 1: Statistics of PCC-Allegro

Start at: 2018-07-04 16:25:46
End at: 2018-07-04 16:26:16
Local clock offset: -0.058 ms
Remote clock offset: -0.573 ms

Below is generated by plot.py at 2018-07-04 22:09:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 508.54 Mbit/s
95th percentile per-packet one-way delay: 259.312 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 504.22 Mbit/s
95th percentile per-packet one-way delay: 259.308 ms
Loss rate: 1.06%
-- Flow 2:
Average throughput: 4.35 Mbit/s
95th percentile per-packet one-way delay: 256.087 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 4.38 Mbit/s
95th percentile per-packet one-way delay: 262.379 ms
Loss rate: 0.44%

Run 1: Report of PCC-Allegro — Data Link

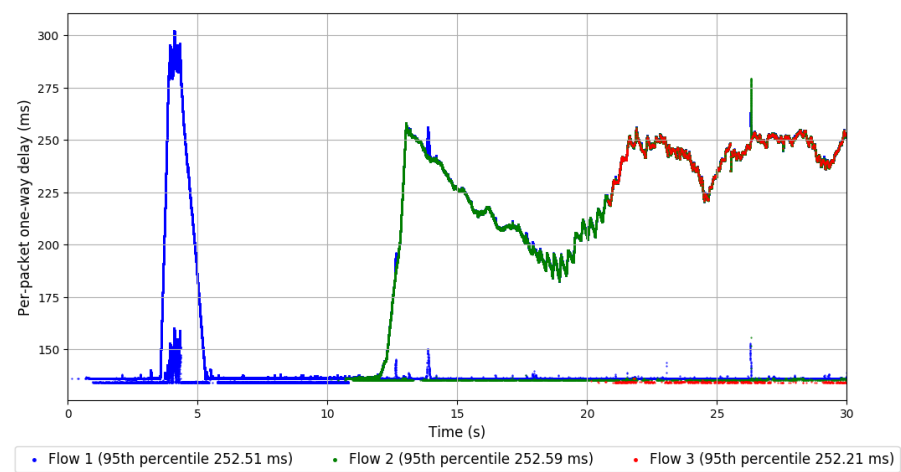
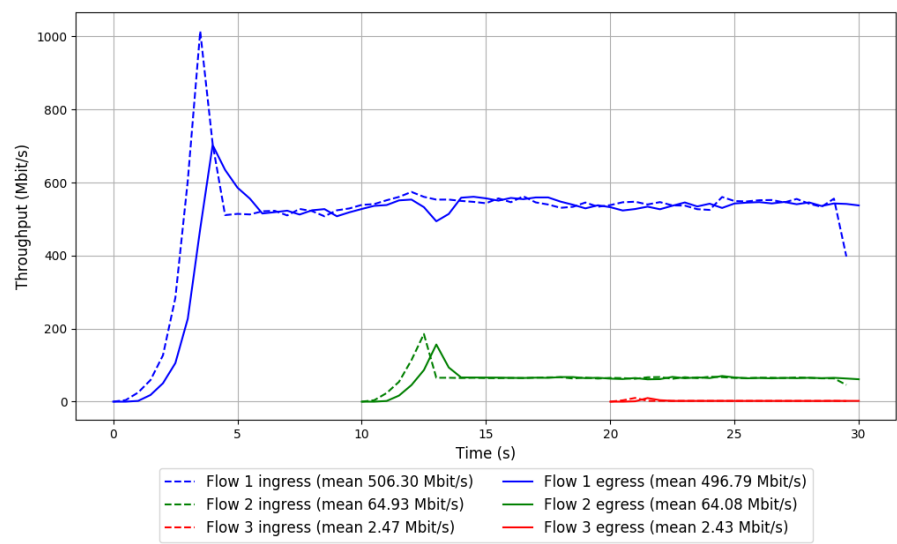


Run 2: Statistics of PCC-Allegro

Start at: 2018-07-04 16:52:47
End at: 2018-07-04 16:53:17
Local clock offset: -0.041 ms
Remote clock offset: -0.565 ms

Below is generated by plot.py at 2018-07-04 22:11:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 540.18 Mbit/s
95th percentile per-packet one-way delay: 252.520 ms
Loss rate: 1.84%
-- Flow 1:
Average throughput: 496.79 Mbit/s
95th percentile per-packet one-way delay: 252.511 ms
Loss rate: 1.88%
-- Flow 2:
Average throughput: 64.08 Mbit/s
95th percentile per-packet one-way delay: 252.594 ms
Loss rate: 1.31%
-- Flow 3:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 252.209 ms
Loss rate: 1.53%

Run 2: Report of PCC-Allegro — Data Link

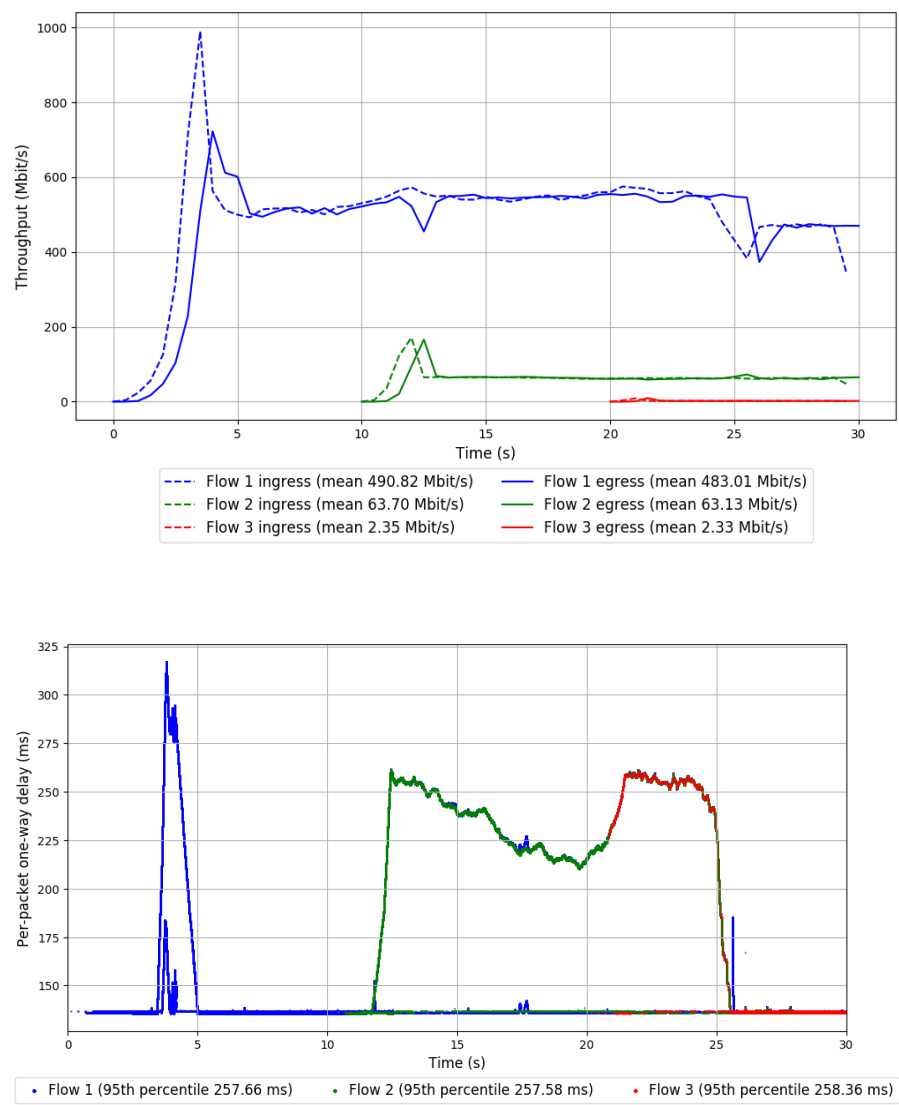


Run 3: Statistics of PCC-Allegro

Start at: 2018-07-04 17:19:56
End at: 2018-07-04 17:20:26
Local clock offset: 0.047 ms
Remote clock offset: -0.135 ms

Below is generated by plot.py at 2018-07-04 22:11:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 525.74 Mbit/s
95th percentile per-packet one-way delay: 257.661 ms
Loss rate: 1.54%
-- Flow 1:
Average throughput: 483.01 Mbit/s
95th percentile per-packet one-way delay: 257.664 ms
Loss rate: 1.59%
-- Flow 2:
Average throughput: 63.13 Mbit/s
95th percentile per-packet one-way delay: 257.583 ms
Loss rate: 0.91%
-- Flow 3:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 258.360 ms
Loss rate: 0.78%

Run 3: Report of PCC-Allegro — Data Link

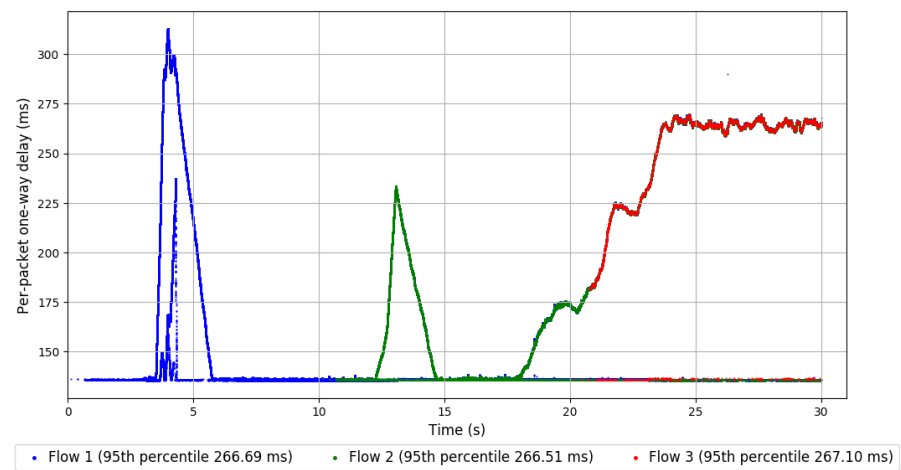
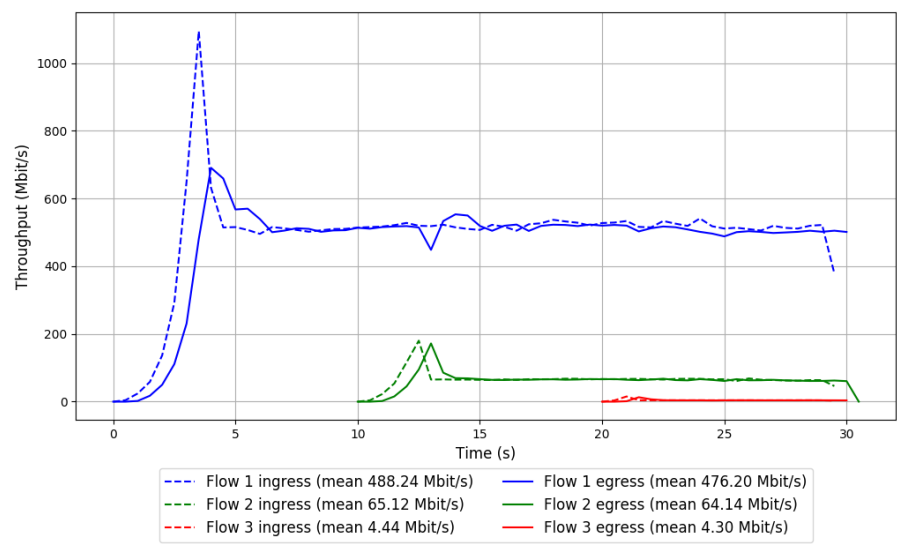


Run 4: Statistics of PCC-Allegro

Start at: 2018-07-04 17:47:05
End at: 2018-07-04 17:47:35
Local clock offset: 0.075 ms
Remote clock offset: -0.238 ms

Below is generated by plot.py at 2018-07-04 22:13:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 520.19 Mbit/s
95th percentile per-packet one-way delay: 266.668 ms
Loss rate: 2.39%
-- Flow 1:
Average throughput: 476.20 Mbit/s
95th percentile per-packet one-way delay: 266.685 ms
Loss rate: 2.46%
-- Flow 2:
Average throughput: 64.14 Mbit/s
95th percentile per-packet one-way delay: 266.511 ms
Loss rate: 1.47%
-- Flow 3:
Average throughput: 4.30 Mbit/s
95th percentile per-packet one-way delay: 267.104 ms
Loss rate: 3.19%

Run 4: Report of PCC-Allegro — Data Link

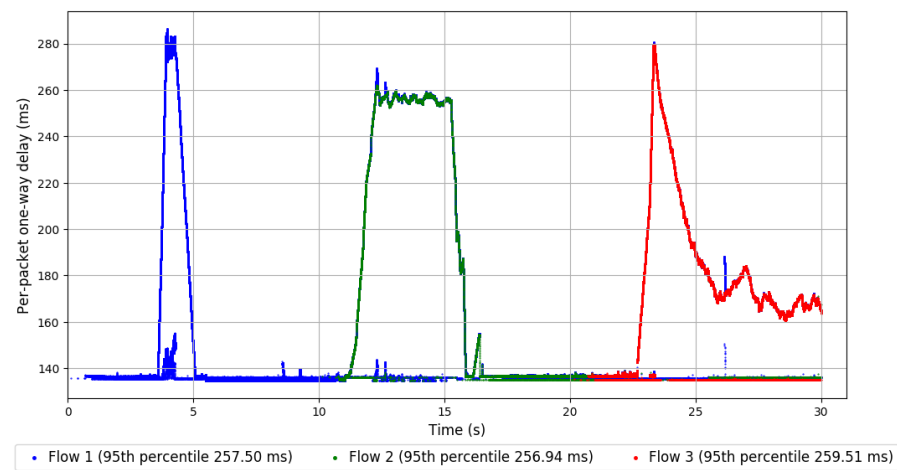
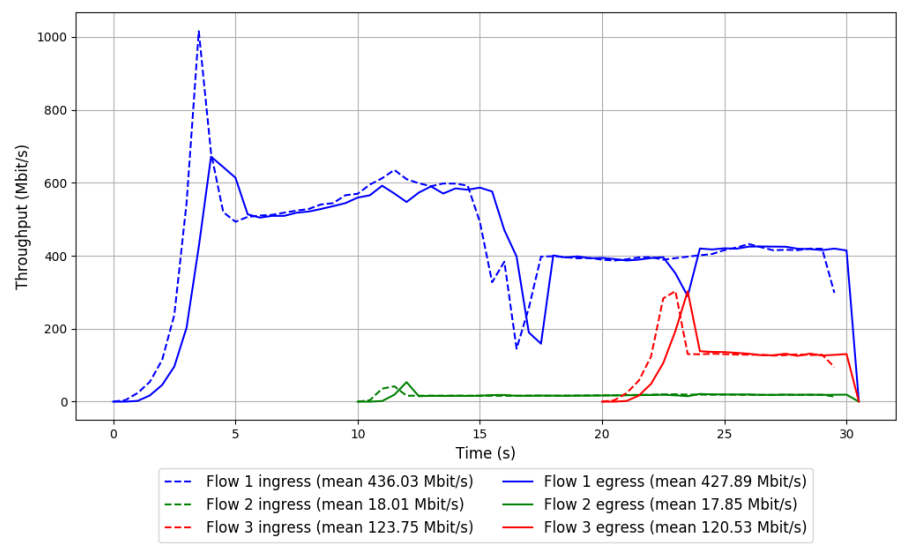


Run 5: Statistics of PCC-Allegro

Start at: 2018-07-04 18:13:53
End at: 2018-07-04 18:14:23
Local clock offset: -0.216 ms
Remote clock offset: -0.192 ms

Below is generated by plot.py at 2018-07-04 22:15:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 479.45 Mbit/s
95th percentile per-packet one-way delay: 257.496 ms
Loss rate: 1.90%
-- Flow 1:
Average throughput: 427.89 Mbit/s
95th percentile per-packet one-way delay: 257.501 ms
Loss rate: 1.86%
-- Flow 2:
Average throughput: 17.85 Mbit/s
95th percentile per-packet one-way delay: 256.940 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 120.53 Mbit/s
95th percentile per-packet one-way delay: 259.509 ms
Loss rate: 2.59%

Run 5: Report of PCC-Allegro — Data Link

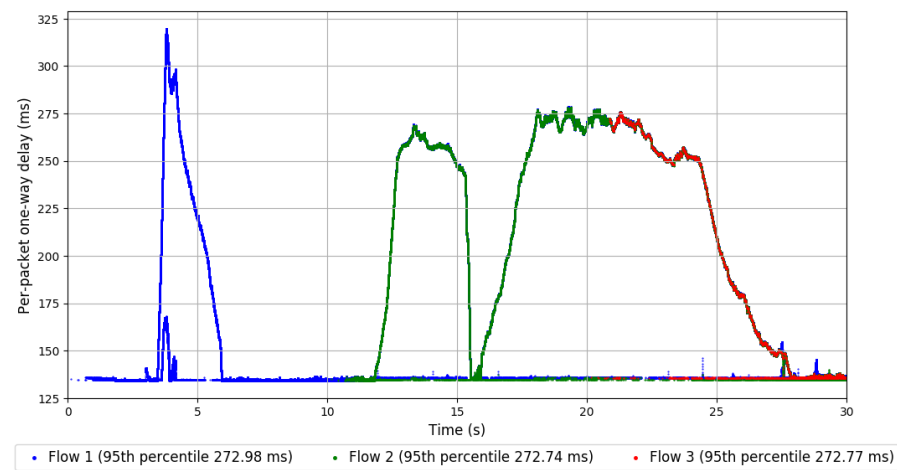
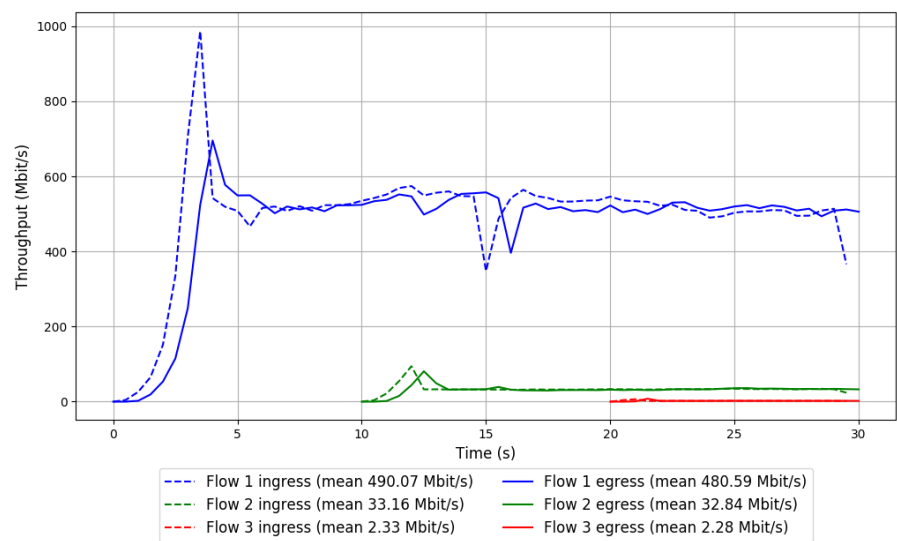


Run 6: Statistics of PCC-Allegro

Start at: 2018-07-04 18:40:56
End at: 2018-07-04 18:41:26
Local clock offset: -0.189 ms
Remote clock offset: -0.586 ms

Below is generated by plot.py at 2018-07-04 22:16:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 503.17 Mbit/s
95th percentile per-packet one-way delay: 272.964 ms
Loss rate: 1.89%
-- Flow 1:
Average throughput: 480.59 Mbit/s
95th percentile per-packet one-way delay: 272.977 ms
Loss rate: 1.93%
-- Flow 2:
Average throughput: 32.84 Mbit/s
95th percentile per-packet one-way delay: 272.738 ms
Loss rate: 0.97%
-- Flow 3:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 272.772 ms
Loss rate: 2.15%

Run 6: Report of PCC-Allegro — Data Link

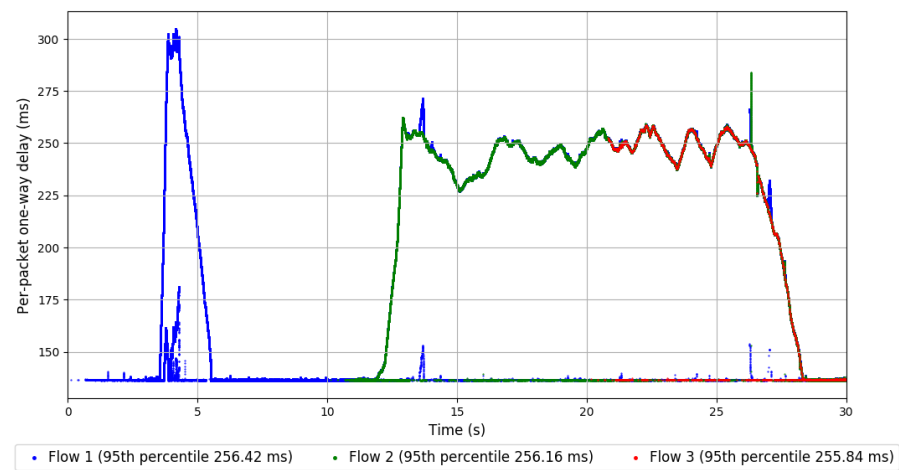
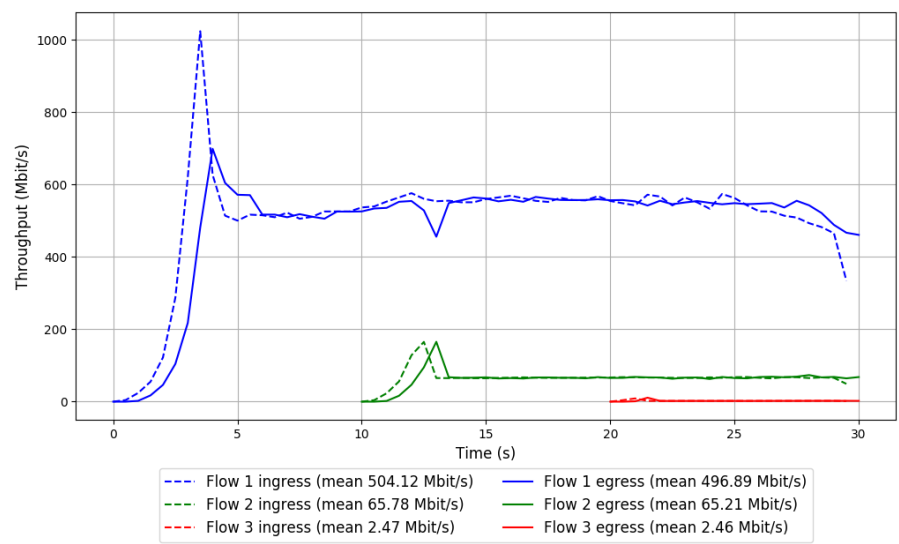


Run 7: Statistics of PCC-Allegro

Start at: 2018-07-04 19:07:35
End at: 2018-07-04 19:08:05
Local clock offset: 0.012 ms
Remote clock offset: -0.164 ms

Below is generated by plot.py at 2018-07-04 22:17:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 541.04 Mbit/s
95th percentile per-packet one-way delay: 256.391 ms
Loss rate: 1.39%
-- Flow 1:
Average throughput: 496.89 Mbit/s
95th percentile per-packet one-way delay: 256.420 ms
Loss rate: 1.44%
-- Flow 2:
Average throughput: 65.21 Mbit/s
95th percentile per-packet one-way delay: 256.156 ms
Loss rate: 0.86%
-- Flow 3:
Average throughput: 2.46 Mbit/s
95th percentile per-packet one-way delay: 255.841 ms
Loss rate: 0.49%

Run 7: Report of PCC-Allegro — Data Link

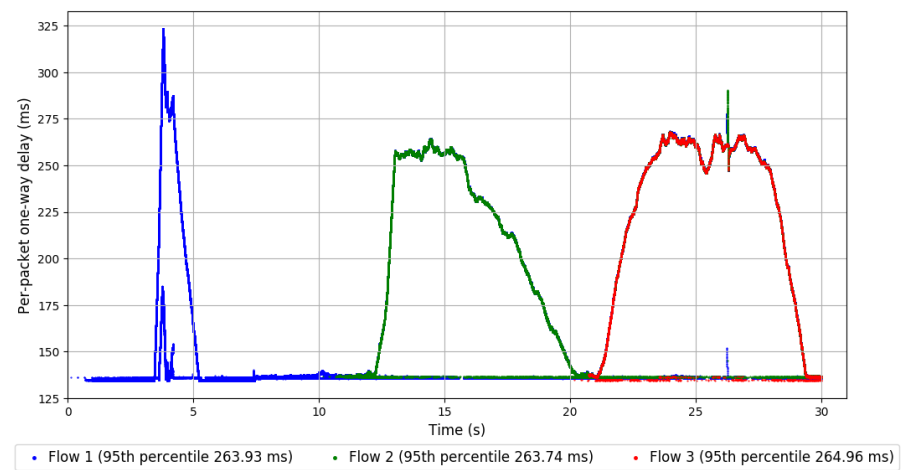
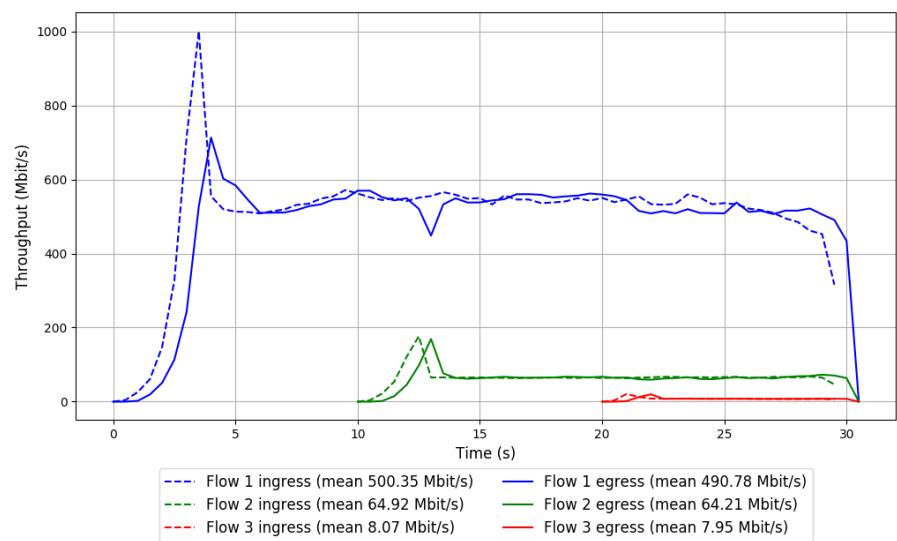


Run 8: Statistics of PCC-Allegro

Start at: 2018-07-04 19:34:21
End at: 2018-07-04 19:34:51
Local clock offset: 0.009 ms
Remote clock offset: -0.154 ms

Below is generated by plot.py at 2018-07-04 22:17:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 536.09 Mbit/s
95th percentile per-packet one-way delay: 263.921 ms
Loss rate: 1.85%
-- Flow 1:
Average throughput: 490.78 Mbit/s
95th percentile per-packet one-way delay: 263.932 ms
Loss rate: 1.92%
-- Flow 2:
Average throughput: 64.21 Mbit/s
95th percentile per-packet one-way delay: 263.744 ms
Loss rate: 1.09%
-- Flow 3:
Average throughput: 7.95 Mbit/s
95th percentile per-packet one-way delay: 264.959 ms
Loss rate: 1.44%

Run 8: Report of PCC-Allegro — Data Link

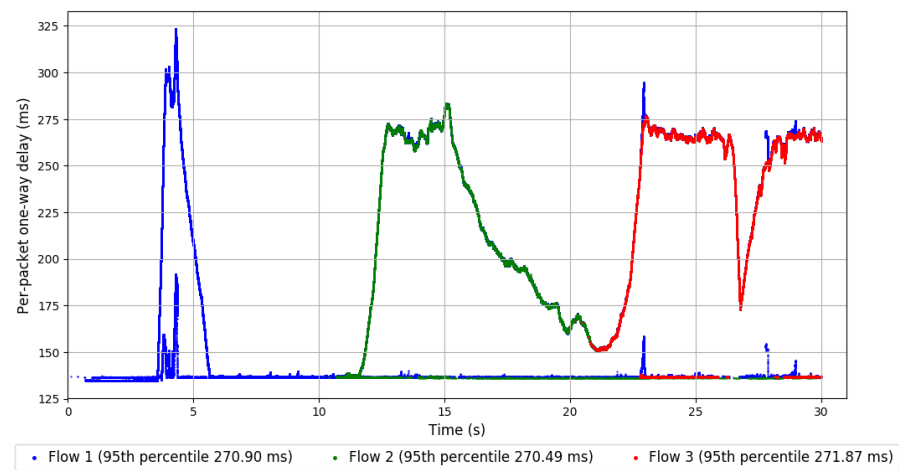
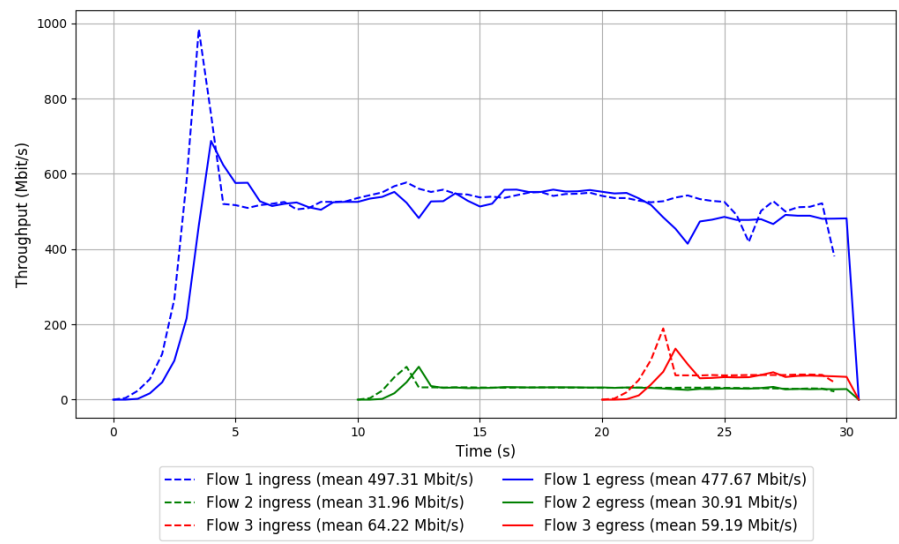


Run 9: Statistics of PCC-Allegro

Start at: 2018-07-04 20:00:54
End at: 2018-07-04 20:01:24
Local clock offset: -0.189 ms
Remote clock offset: -0.117 ms

Below is generated by plot.py at 2018-07-04 22:18:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 517.66 Mbit/s
95th percentile per-packet one-way delay: 270.903 ms
Loss rate: 4.09%
-- Flow 1:
Average throughput: 477.67 Mbit/s
95th percentile per-packet one-way delay: 270.896 ms
Loss rate: 3.94%
-- Flow 2:
Average throughput: 30.91 Mbit/s
95th percentile per-packet one-way delay: 270.487 ms
Loss rate: 3.29%
-- Flow 3:
Average throughput: 59.19 Mbit/s
95th percentile per-packet one-way delay: 271.869 ms
Loss rate: 8.26%

Run 9: Report of PCC-Allegro — Data Link



Run 10: Statistics of PCC-Allegro

Start at: 2018-07-04 20:27:33

End at: 2018-07-04 20:28:03

Local clock offset: 0.121 ms

Remote clock offset: 0.05 ms

Below is generated by plot.py at 2018-07-04 22:19:43

Datalink statistics

-- Total of 3 flows:

Average throughput: 522.05 Mbit/s

95th percentile per-packet one-way delay: 243.477 ms

Loss rate: 1.34%

-- Flow 1:

Average throughput: 487.35 Mbit/s

95th percentile per-packet one-way delay: 243.669 ms

Loss rate: 1.42%

-- Flow 2:

Average throughput: 35.83 Mbit/s

95th percentile per-packet one-way delay: 240.627 ms

Loss rate: 0.24%

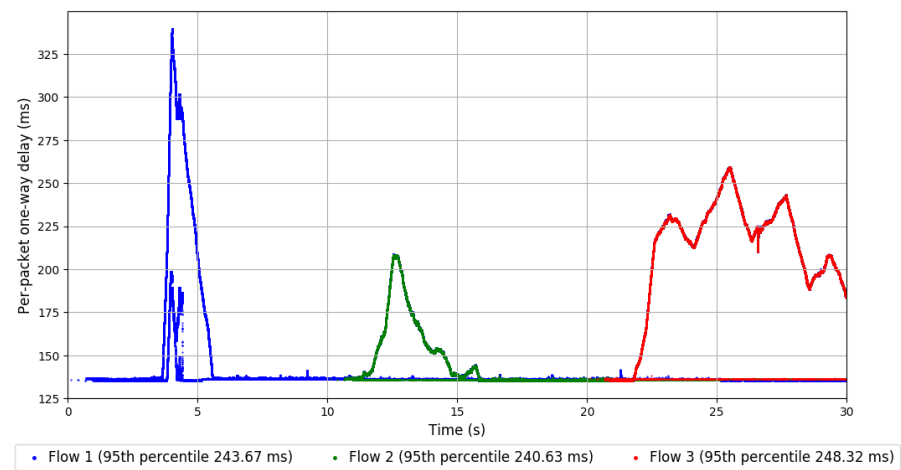
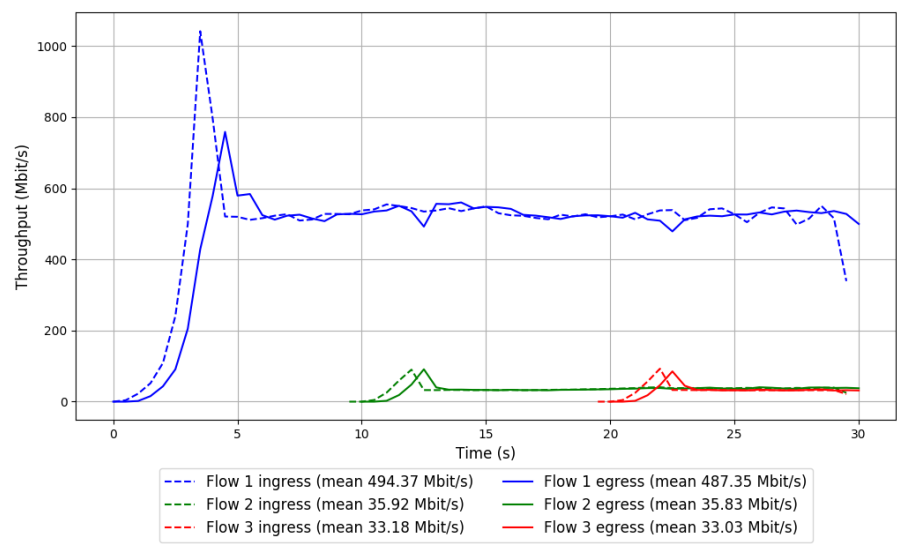
-- Flow 3:

Average throughput: 33.03 Mbit/s

95th percentile per-packet one-way delay: 248.320 ms

Loss rate: 0.45%

Run 10: Report of PCC-Allegro — Data Link

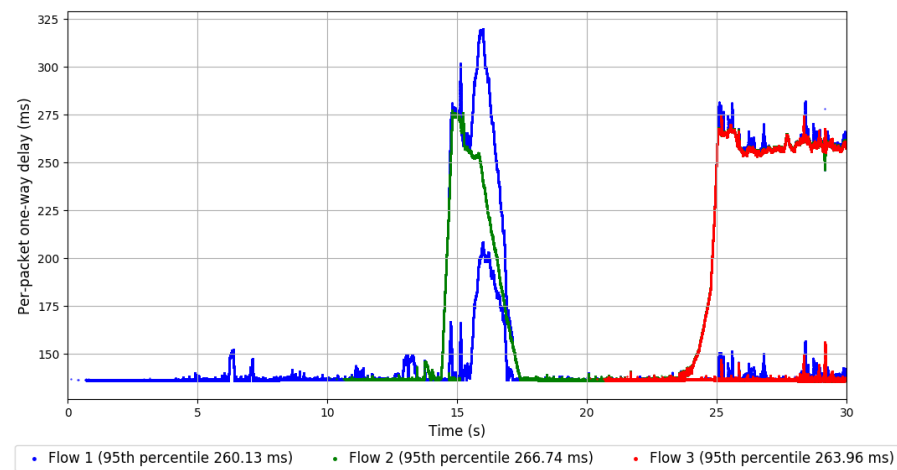
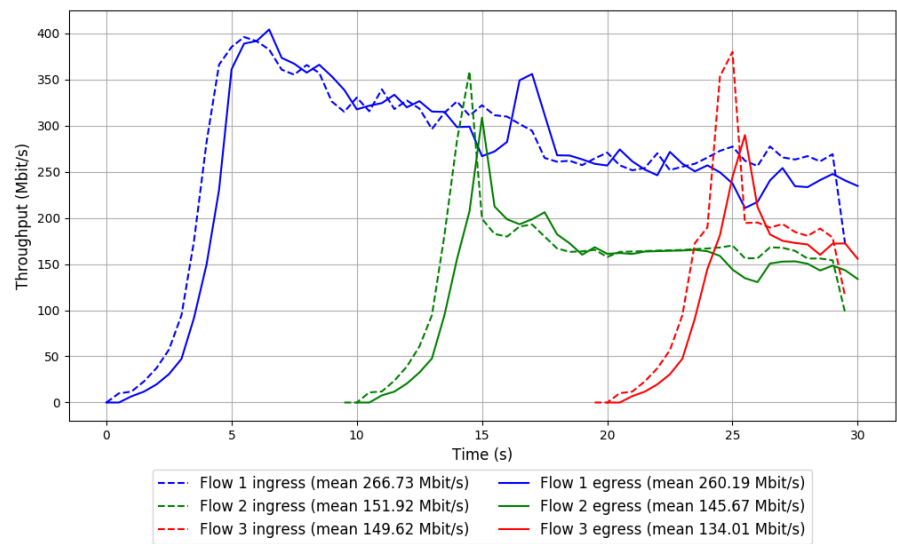


Run 1: Statistics of PCC-Expr

Start at: 2018-07-04 16:04:10
End at: 2018-07-04 16:04:40
Local clock offset: -0.14 ms
Remote clock offset: -0.265 ms

Below is generated by plot.py at 2018-07-04 22:24:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 401.51 Mbit/s
95th percentile per-packet one-way delay: 262.834 ms
Loss rate: 3.79%
-- Flow 1:
Average throughput: 260.19 Mbit/s
95th percentile per-packet one-way delay: 260.131 ms
Loss rate: 2.45%
-- Flow 2:
Average throughput: 145.67 Mbit/s
95th percentile per-packet one-way delay: 266.739 ms
Loss rate: 4.11%
-- Flow 3:
Average throughput: 134.01 Mbit/s
95th percentile per-packet one-way delay: 263.956 ms
Loss rate: 10.42%

Run 1: Report of PCC-Expr — Data Link

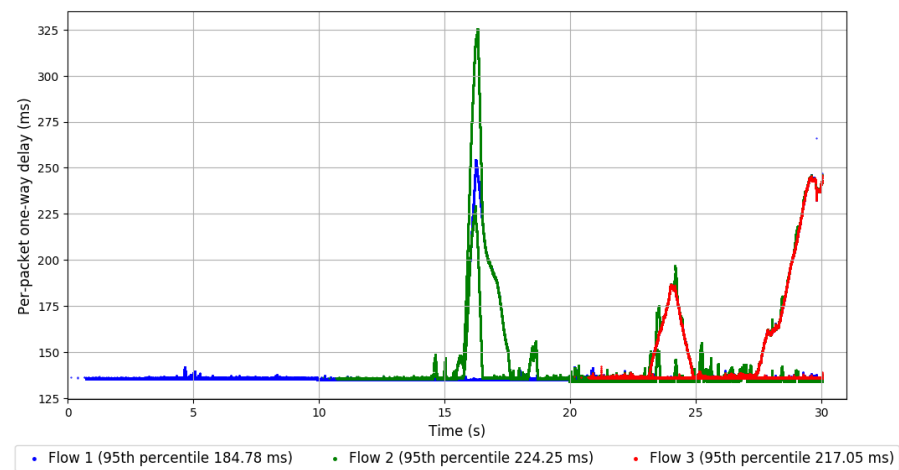
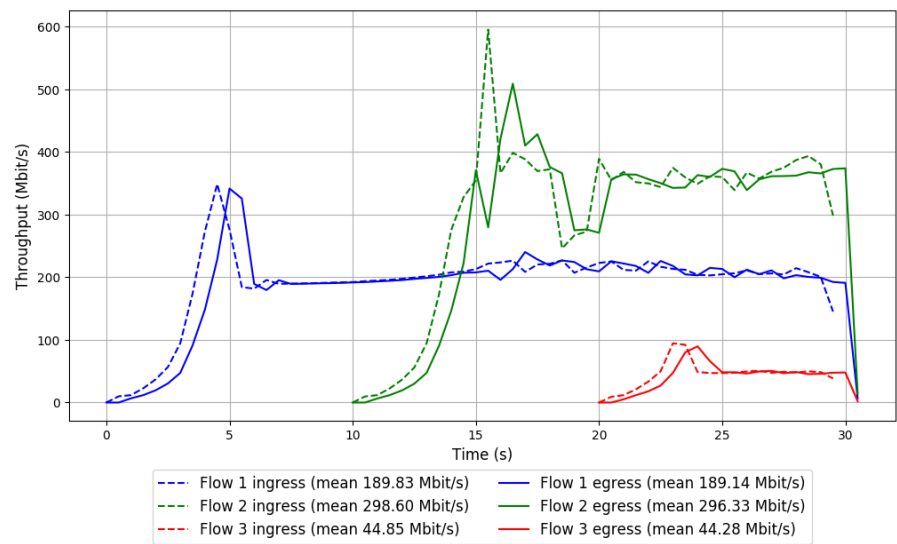


Run 2: Statistics of PCC-Expr

Start at: 2018-07-04 16:31:18
End at: 2018-07-04 16:31:48
Local clock offset: -0.066 ms
Remote clock offset: -0.609 ms

Below is generated by plot.py at 2018-07-04 22:26:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 400.82 Mbit/s
95th percentile per-packet one-way delay: 210.061 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 189.14 Mbit/s
95th percentile per-packet one-way delay: 184.779 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 296.33 Mbit/s
95th percentile per-packet one-way delay: 224.250 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 44.28 Mbit/s
95th percentile per-packet one-way delay: 217.051 ms
Loss rate: 1.26%

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

Start at: 2018-07-04 16:58:26

End at: 2018-07-04 16:58:56

Local clock offset: 0.1 ms

Remote clock offset: -0.56 ms

Below is generated by plot.py at 2018-07-04 22:26:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 329.04 Mbit/s

95th percentile per-packet one-way delay: 138.759 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 186.67 Mbit/s

95th percentile per-packet one-way delay: 136.825 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 172.92 Mbit/s

95th percentile per-packet one-way delay: 137.746 ms

Loss rate: 0.00%

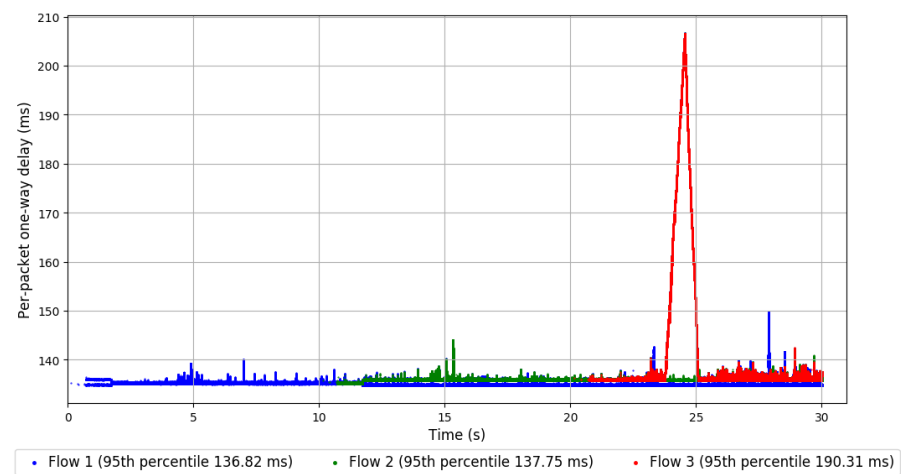
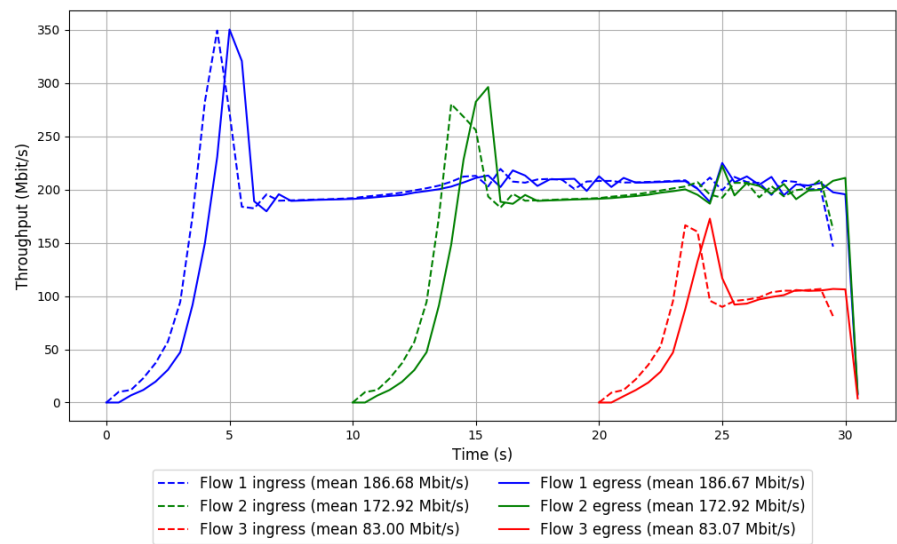
-- Flow 3:

Average throughput: 83.07 Mbit/s

95th percentile per-packet one-way delay: 190.314 ms

Loss rate: 0.00%

Run 3: Report of PCC-Expr — Data Link

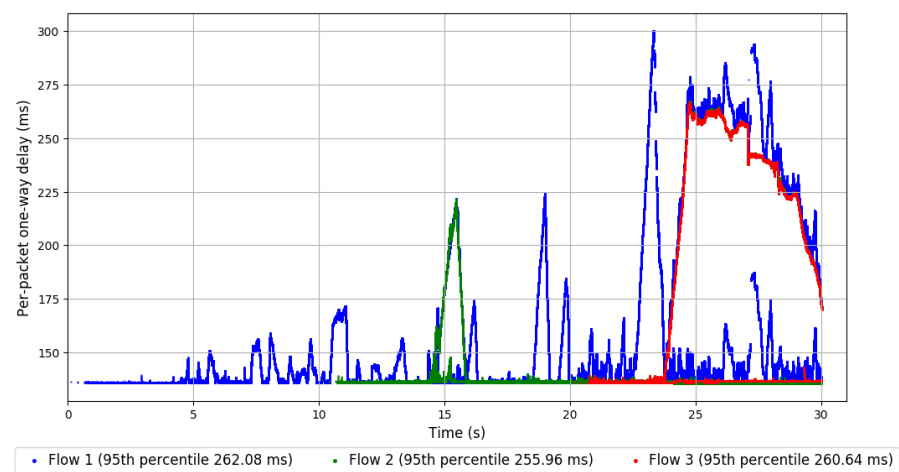
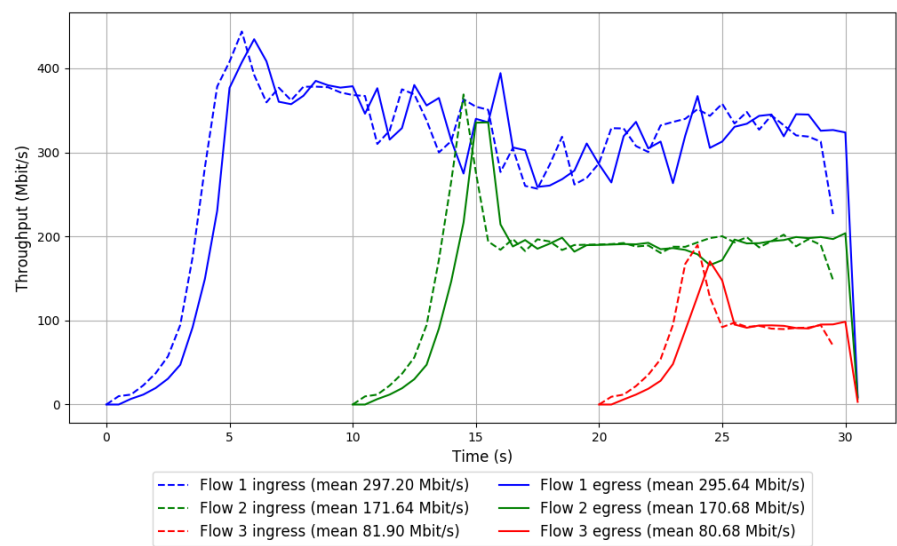


Run 4: Statistics of PCC-Expr

Start at: 2018-07-04 17:25:34
End at: 2018-07-04 17:26:04
Local clock offset: -0.031 ms
Remote clock offset: -0.228 ms

Below is generated by plot.py at 2018-07-04 22:30:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 435.75 Mbit/s
95th percentile per-packet one-way delay: 259.797 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 295.64 Mbit/s
95th percentile per-packet one-way delay: 262.077 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 170.68 Mbit/s
95th percentile per-packet one-way delay: 255.960 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 80.68 Mbit/s
95th percentile per-packet one-way delay: 260.645 ms
Loss rate: 1.52%

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

Start at: 2018-07-04 17:52:40

End at: 2018-07-04 17:53:10

Local clock offset: 0.22 ms

Remote clock offset: 0.181 ms

Below is generated by plot.py at 2018-07-04 22:30:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 324.87 Mbit/s

95th percentile per-packet one-way delay: 137.860 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 186.84 Mbit/s

95th percentile per-packet one-way delay: 137.649 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 166.37 Mbit/s

95th percentile per-packet one-way delay: 138.729 ms

Loss rate: 0.00%

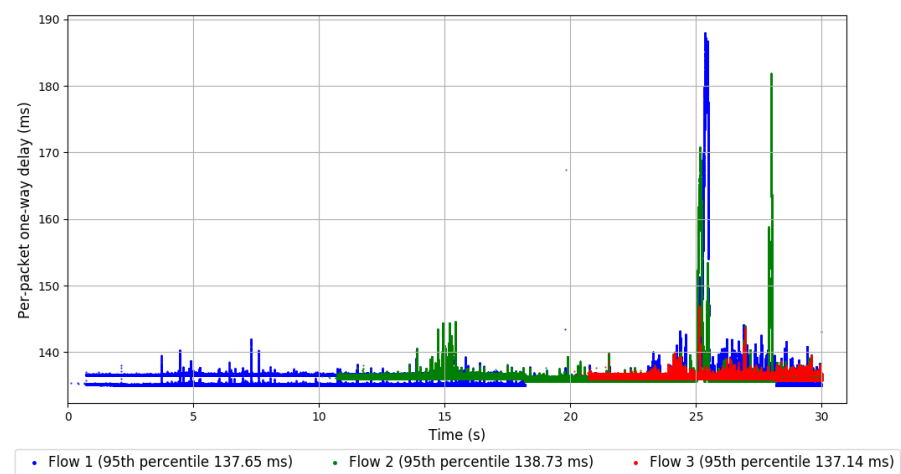
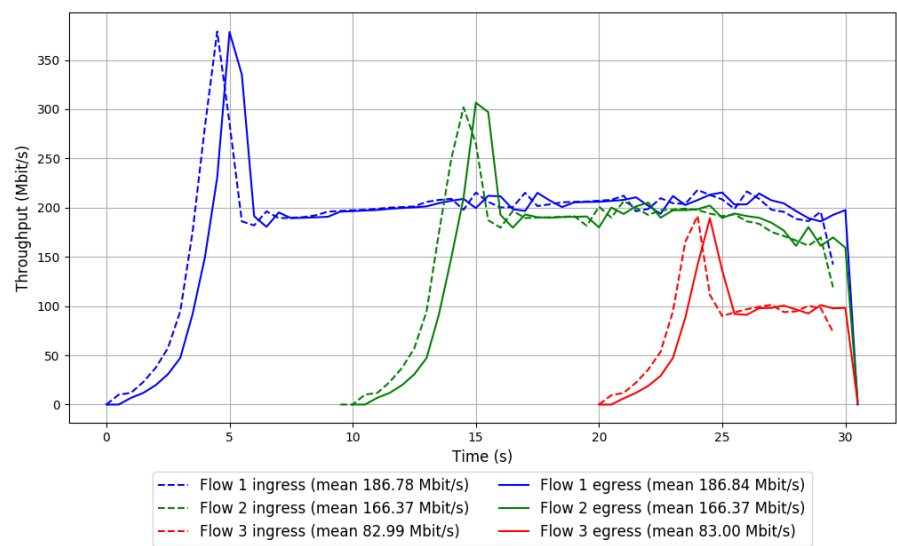
-- Flow 3:

Average throughput: 83.00 Mbit/s

95th percentile per-packet one-way delay: 137.143 ms

Loss rate: 0.01%

Run 5: Report of PCC-Expr — Data Link

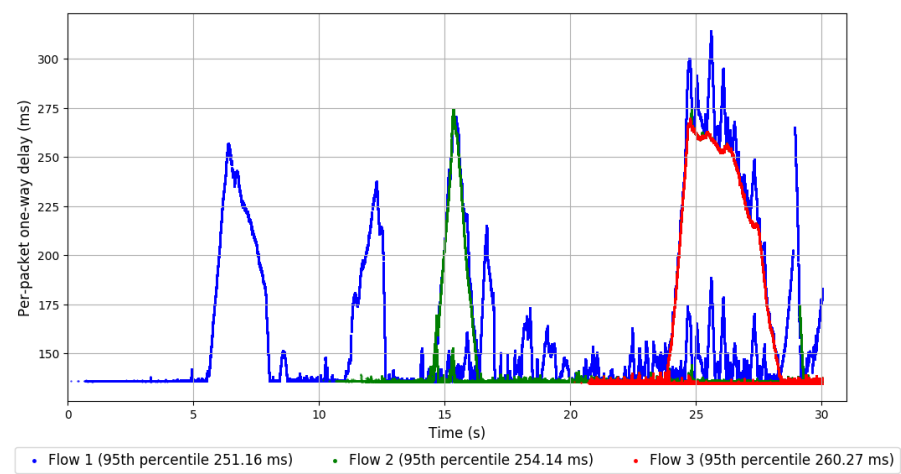
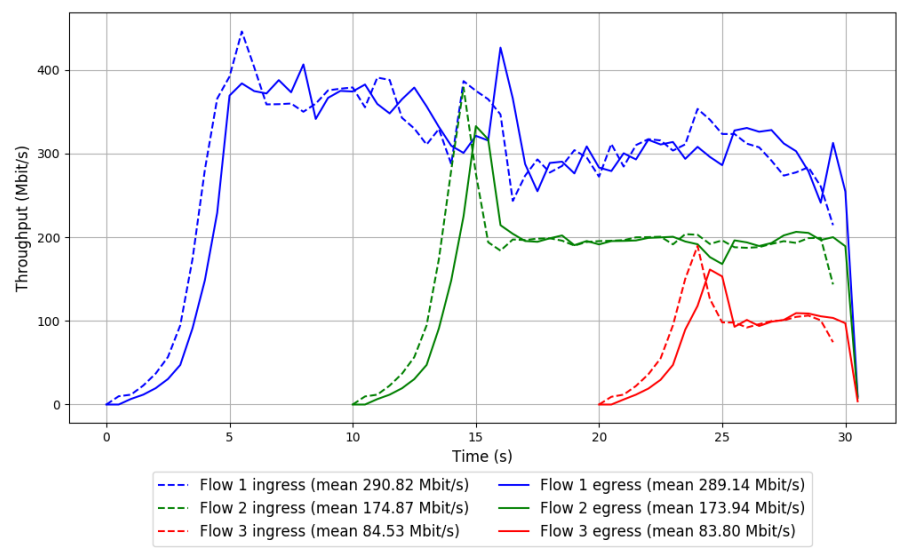


Run 6: Statistics of PCC-Expr

Start at: 2018-07-04 18:19:27
End at: 2018-07-04 18:19:57
Local clock offset: -0.061 ms
Remote clock offset: -0.209 ms

Below is generated by plot.py at 2018-07-04 22:31:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 432.46 Mbit/s
95th percentile per-packet one-way delay: 254.074 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 289.14 Mbit/s
95th percentile per-packet one-way delay: 251.165 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 173.94 Mbit/s
95th percentile per-packet one-way delay: 254.144 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 83.80 Mbit/s
95th percentile per-packet one-way delay: 260.271 ms
Loss rate: 0.86%

Run 6: Report of PCC-Expr — Data Link



Run 7: Statistics of PCC-Expr

Start at: 2018-07-04 18:46:34

End at: 2018-07-04 18:47:04

Local clock offset: -0.073 ms

Remote clock offset: 0.146 ms

Below is generated by plot.py at 2018-07-04 22:31:45

Datalink statistics

-- Total of 3 flows:

Average throughput: 323.30 Mbit/s

95th percentile per-packet one-way delay: 137.717 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 190.59 Mbit/s

95th percentile per-packet one-way delay: 137.144 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 157.73 Mbit/s

95th percentile per-packet one-way delay: 138.032 ms

Loss rate: 0.00%

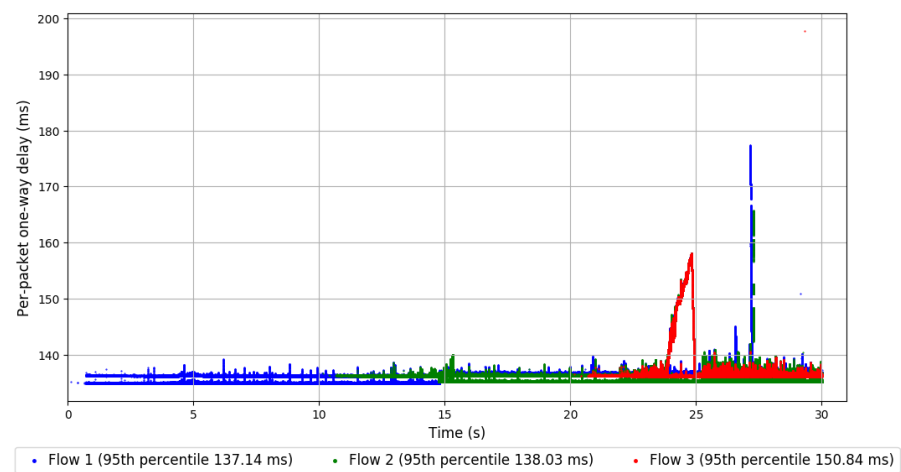
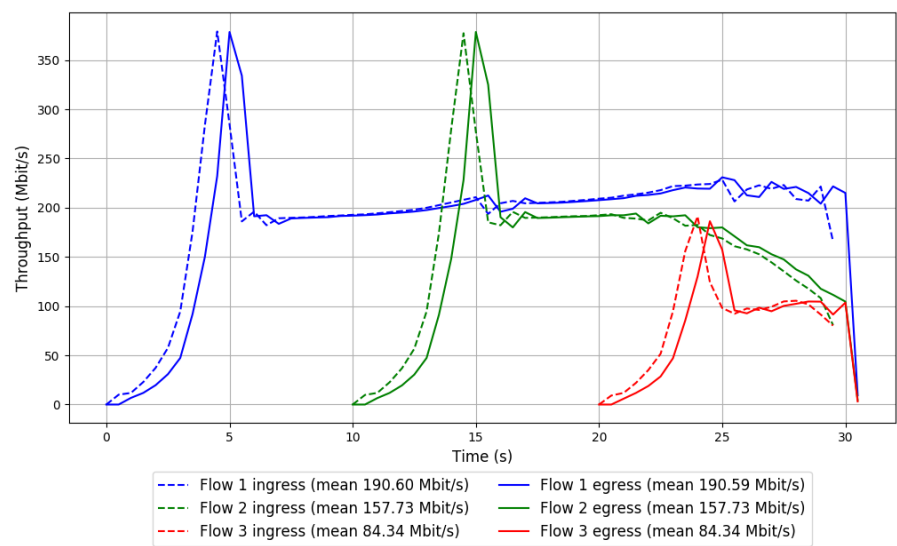
-- Flow 3:

Average throughput: 84.34 Mbit/s

95th percentile per-packet one-way delay: 150.841 ms

Loss rate: 0.00%

Run 7: Report of PCC-Expr — Data Link



Run 8: Statistics of PCC-Expr

Start at: 2018-07-04 19:13:14

End at: 2018-07-04 19:13:44

Local clock offset: -0.196 ms

Remote clock offset: 0.197 ms

Below is generated by plot.py at 2018-07-04 22:34:01

Datalink statistics

-- Total of 3 flows:

Average throughput: 405.15 Mbit/s

95th percentile per-packet one-way delay: 247.749 ms

Loss rate: 1.11%

-- Flow 1:

Average throughput: 330.89 Mbit/s

95th percentile per-packet one-way delay: 248.108 ms

Loss rate: 1.15%

-- Flow 2:

Average throughput: 100.31 Mbit/s

95th percentile per-packet one-way delay: 246.080 ms

Loss rate: 0.87%

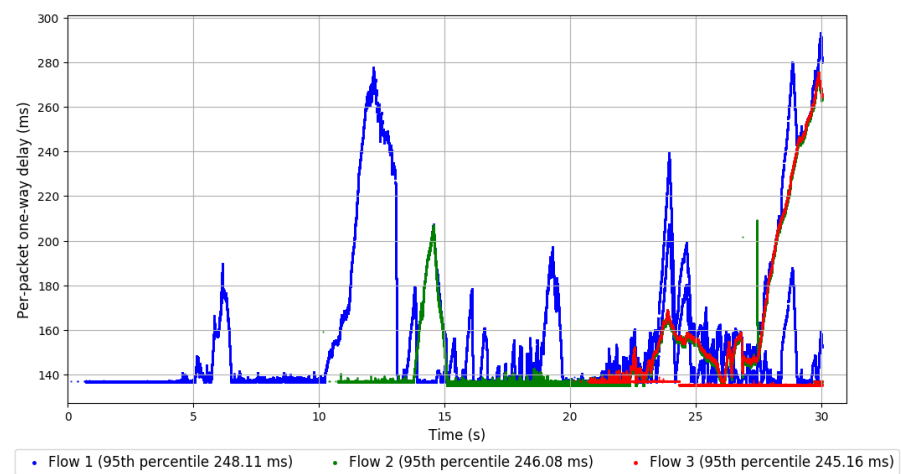
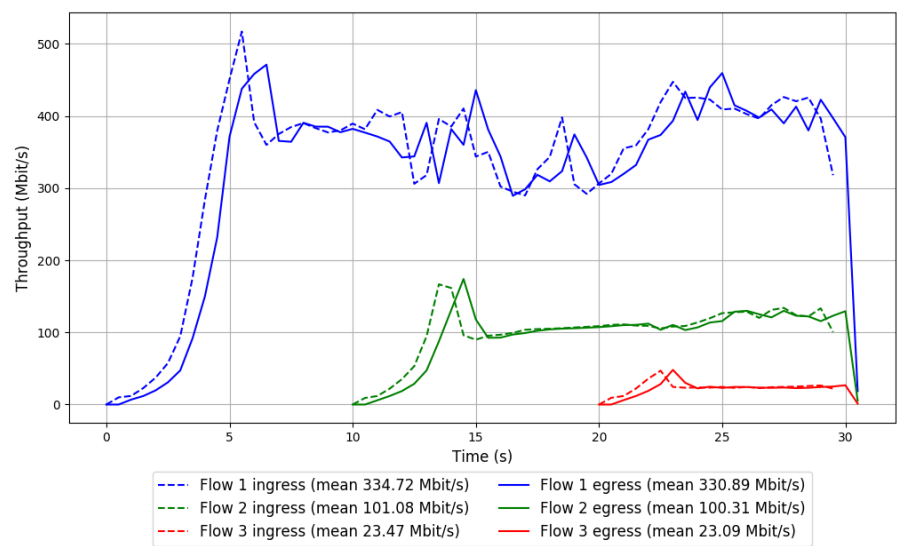
-- Flow 3:

Average throughput: 23.09 Mbit/s

95th percentile per-packet one-way delay: 245.163 ms

Loss rate: 1.62%

Run 8: Report of PCC-Expr — Data Link

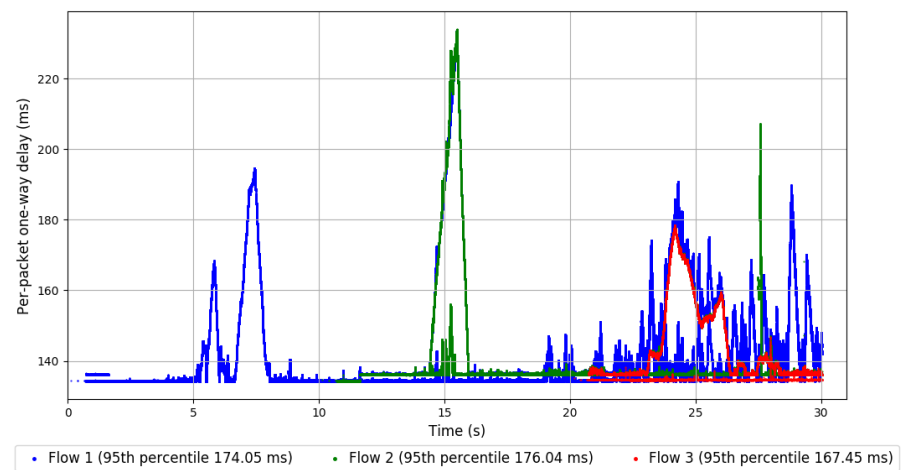
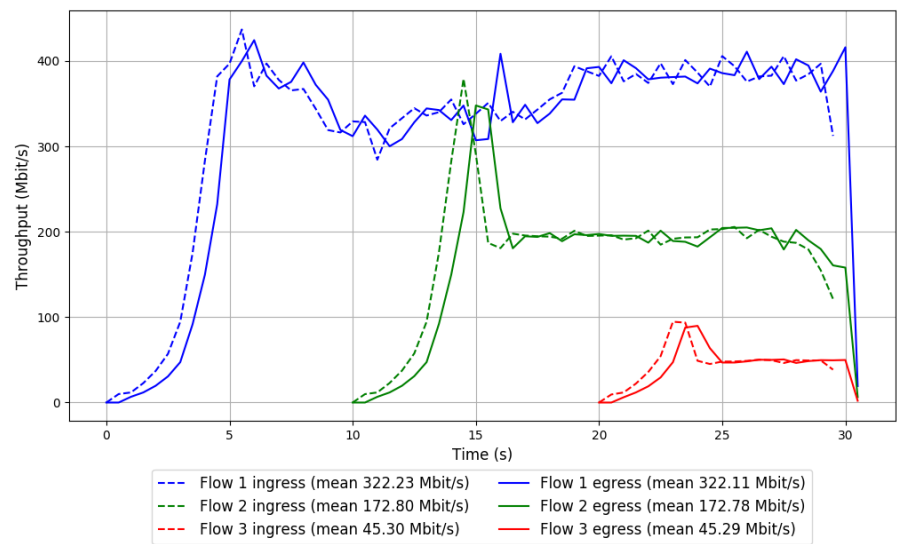


Run 9: Statistics of PCC-Expr

Start at: 2018-07-04 19:39:57
End at: 2018-07-04 19:40:27
Local clock offset: -0.149 ms
Remote clock offset: -0.521 ms

Below is generated by plot.py at 2018-07-04 22:39:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 451.97 Mbit/s
95th percentile per-packet one-way delay: 174.059 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 322.11 Mbit/s
95th percentile per-packet one-way delay: 174.050 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 172.78 Mbit/s
95th percentile per-packet one-way delay: 176.041 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 45.29 Mbit/s
95th percentile per-packet one-way delay: 167.449 ms
Loss rate: 0.00%

Run 9: Report of PCC-Expr — Data Link

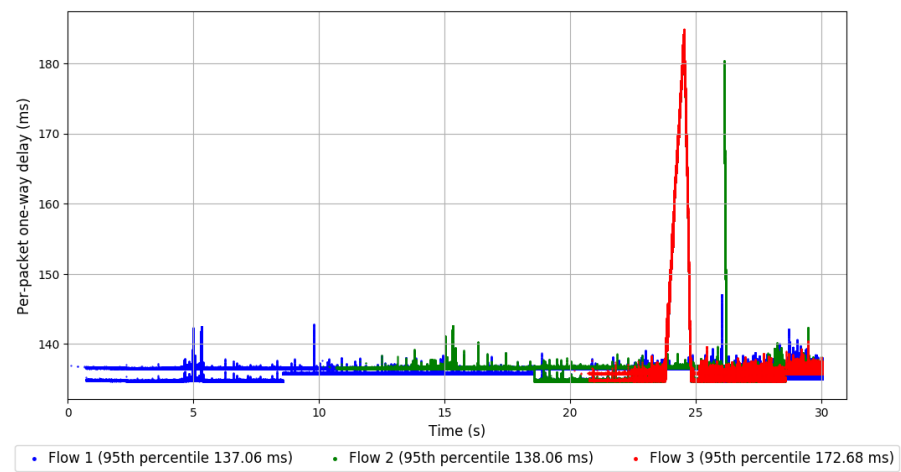
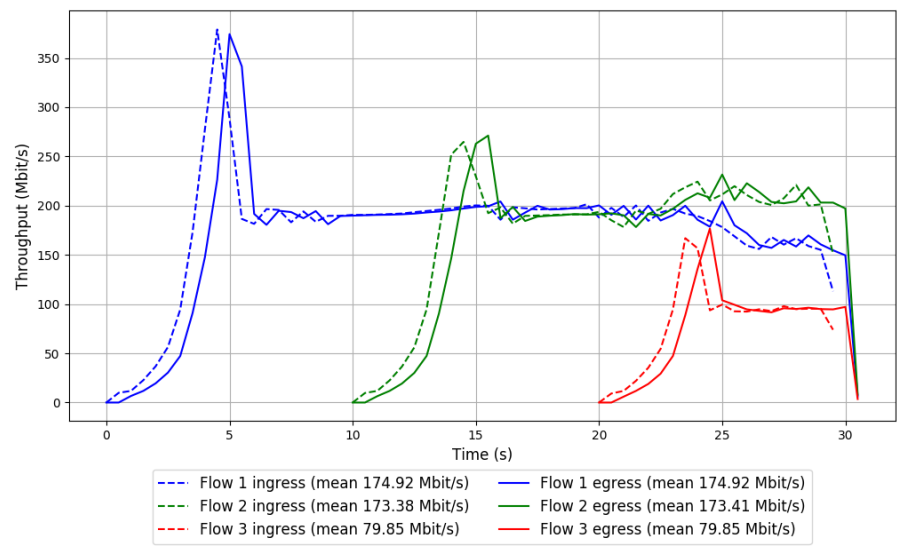


Run 10: Statistics of PCC-Expr

Start at: 2018-07-04 20:06:30
End at: 2018-07-04 20:07:00
Local clock offset: -0.174 ms
Remote clock offset: -0.058 ms

Below is generated by plot.py at 2018-07-04 22:39:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 316.58 Mbit/s
95th percentile per-packet one-way delay: 138.105 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 174.92 Mbit/s
95th percentile per-packet one-way delay: 137.055 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 173.41 Mbit/s
95th percentile per-packet one-way delay: 138.061 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 79.85 Mbit/s
95th percentile per-packet one-way delay: 172.677 ms
Loss rate: 0.00%

Run 10: Report of PCC-Expr — Data Link

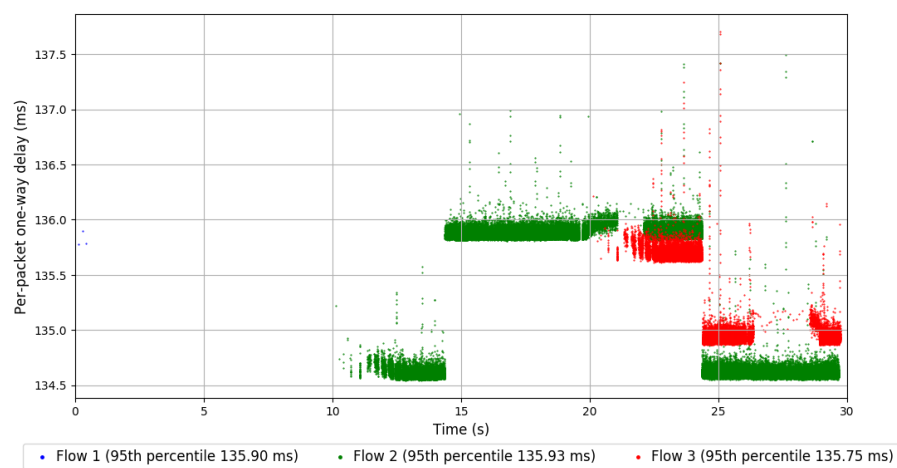
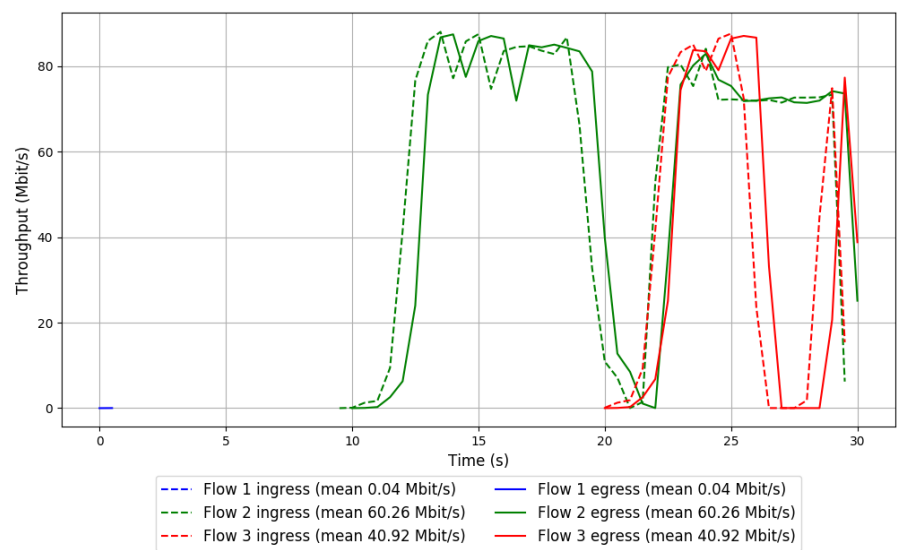


Run 1: Statistics of QUIC Cubic

Start at: 2018-07-04 16:28:44
End at: 2018-07-04 16:29:14
Local clock offset: -0.134 ms
Remote clock offset: -0.229 ms

Below is generated by plot.py at 2018-07-04 22:39:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 53.07 Mbit/s
95th percentile per-packet one-way delay: 135.923 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 135.896 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.26 Mbit/s
95th percentile per-packet one-way delay: 135.933 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 40.92 Mbit/s
95th percentile per-packet one-way delay: 135.753 ms
Loss rate: 0.00%

Run 1: Report of QUIC Cubic — Data Link

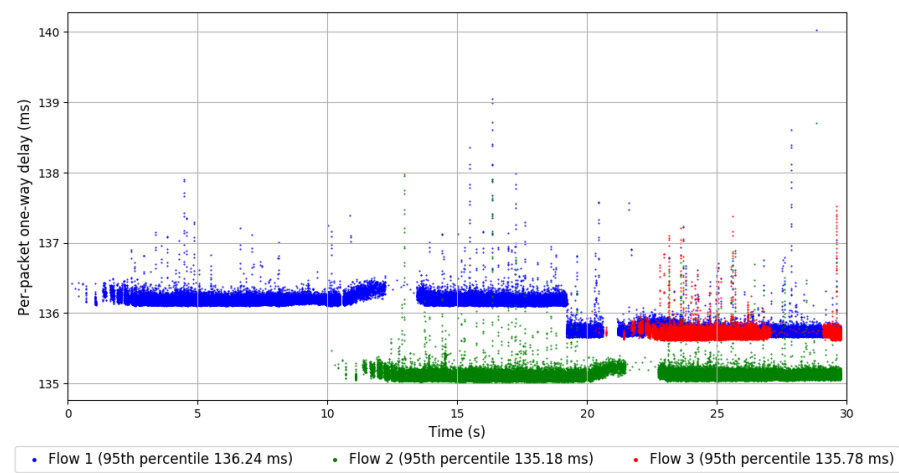
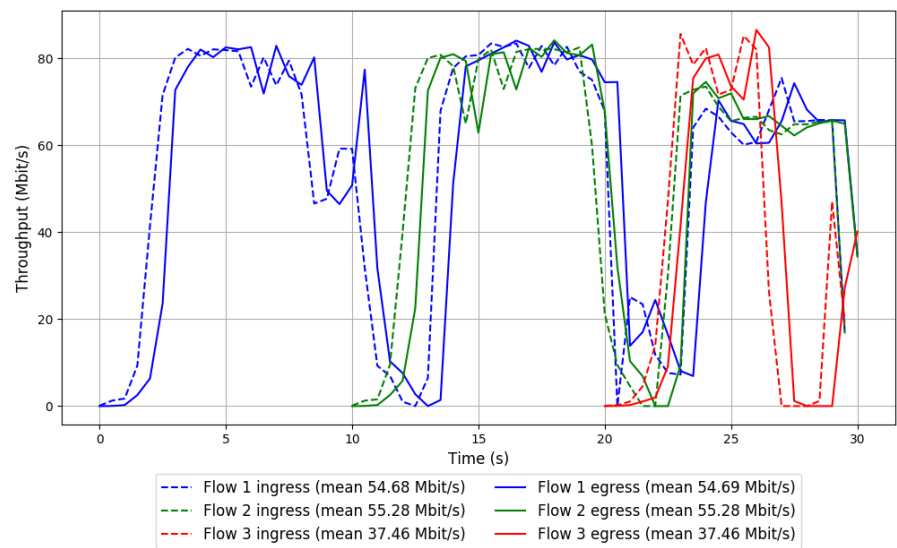


Run 2: Statistics of QUIC Cubic

Start at: 2018-07-04 16:55:49
End at: 2018-07-04 16:56:19
Local clock offset: 0.137 ms
Remote clock offset: -0.213 ms

Below is generated by plot.py at 2018-07-04 22:39:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 103.44 Mbit/s
95th percentile per-packet one-way delay: 136.213 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 54.69 Mbit/s
95th percentile per-packet one-way delay: 136.236 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 55.28 Mbit/s
95th percentile per-packet one-way delay: 135.183 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 37.46 Mbit/s
95th percentile per-packet one-way delay: 135.776 ms
Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link

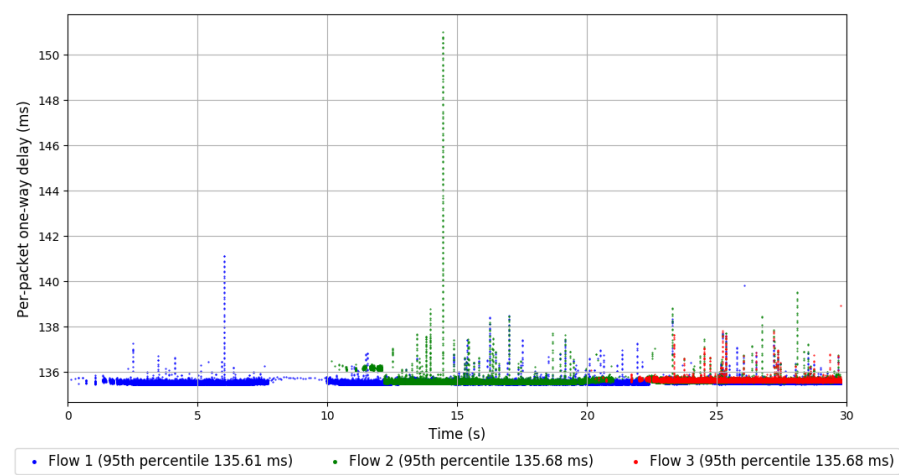
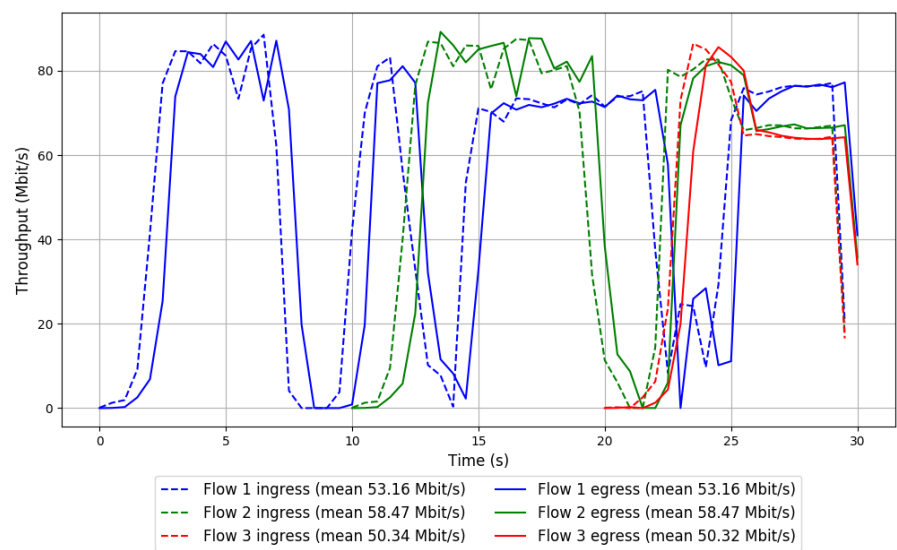


Run 3: Statistics of QUIC Cubic

Start at: 2018-07-04 17:22:56
End at: 2018-07-04 17:23:26
Local clock offset: -0.028 ms
Remote clock offset: -0.555 ms

Below is generated by plot.py at 2018-07-04 22:39:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 108.18 Mbit/s
95th percentile per-packet one-way delay: 135.661 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.16 Mbit/s
95th percentile per-packet one-way delay: 135.613 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 58.47 Mbit/s
95th percentile per-packet one-way delay: 135.676 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 50.32 Mbit/s
95th percentile per-packet one-way delay: 135.684 ms
Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link

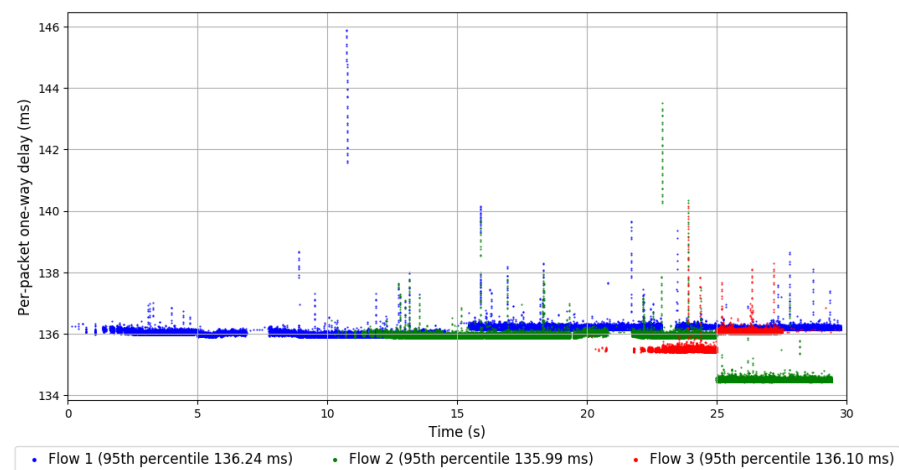
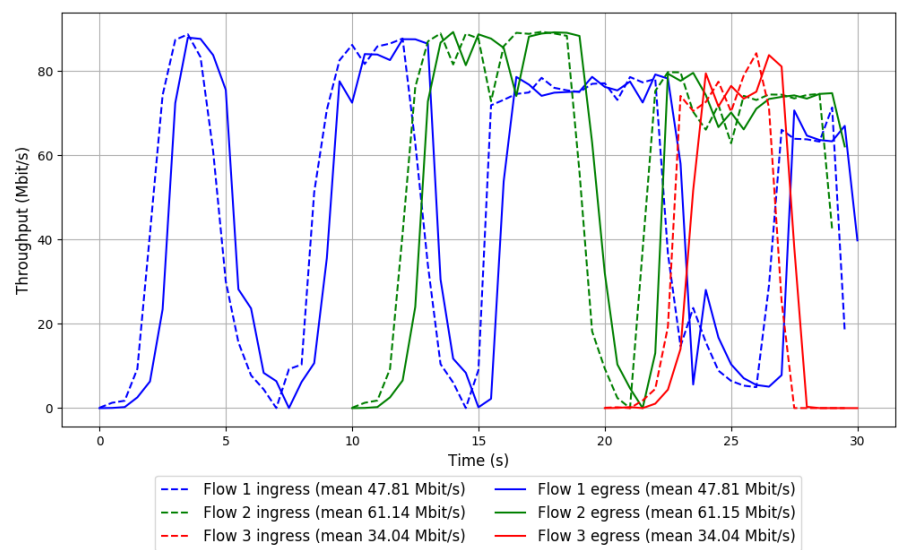


Run 4: Statistics of QUIC Cubic

Start at: 2018-07-04 17:50:03
End at: 2018-07-04 17:50:33
Local clock offset: 0.049 ms
Remote clock offset: -0.579 ms

Below is generated by plot.py at 2018-07-04 22:39:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 98.57 Mbit/s
95th percentile per-packet one-way delay: 136.214 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 47.81 Mbit/s
95th percentile per-packet one-way delay: 136.237 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 61.15 Mbit/s
95th percentile per-packet one-way delay: 135.993 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 34.04 Mbit/s
95th percentile per-packet one-way delay: 136.103 ms
Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-07-04 18:16:49

End at: 2018-07-04 18:17:19

Local clock offset: -0.122 ms

Remote clock offset: 0.185 ms

Below is generated by plot.py at 2018-07-04 22:39:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 113.21 Mbit/s

95th percentile per-packet one-way delay: 136.972 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 57.57 Mbit/s

95th percentile per-packet one-way delay: 136.970 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 57.15 Mbit/s

95th percentile per-packet one-way delay: 136.987 ms

Loss rate: 0.00%

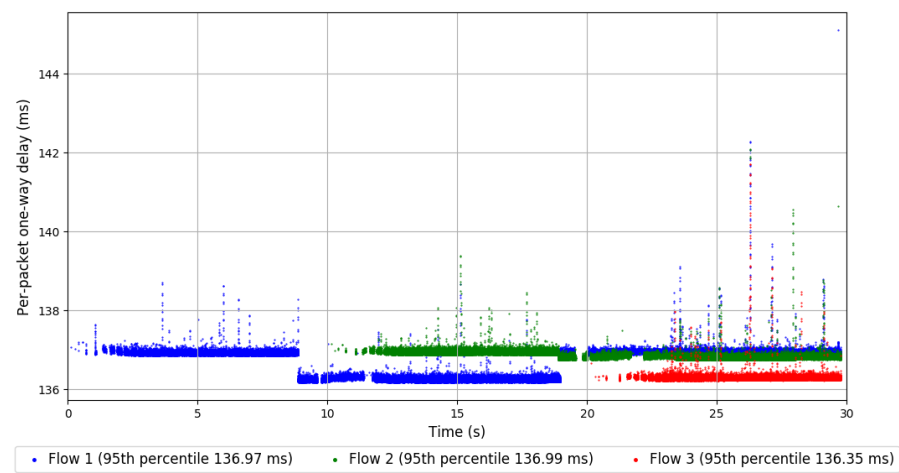
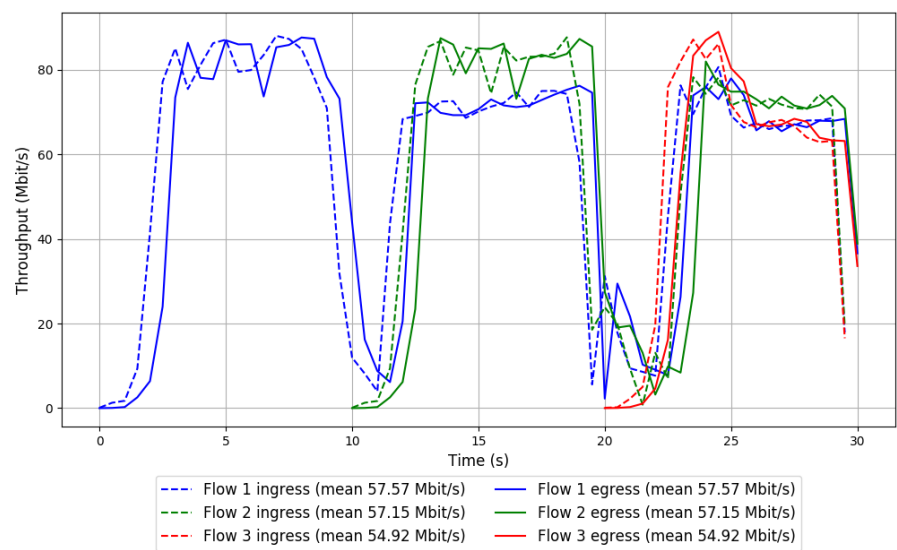
-- Flow 3:

Average throughput: 54.92 Mbit/s

95th percentile per-packet one-way delay: 136.349 ms

Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link

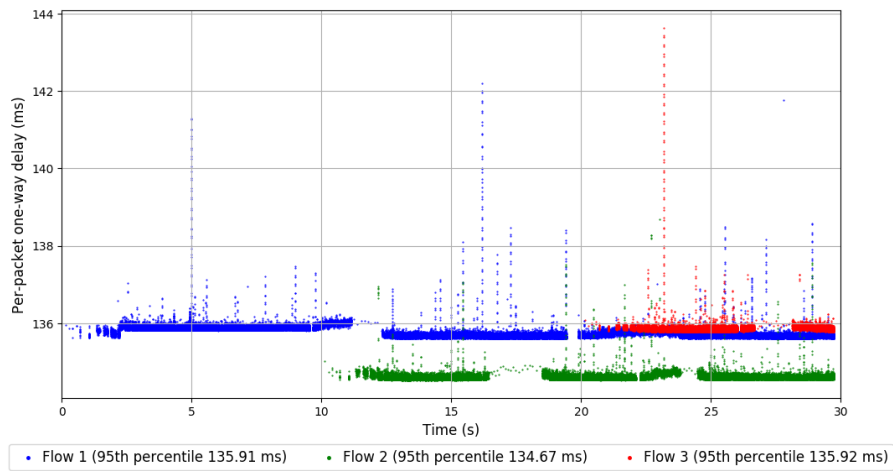
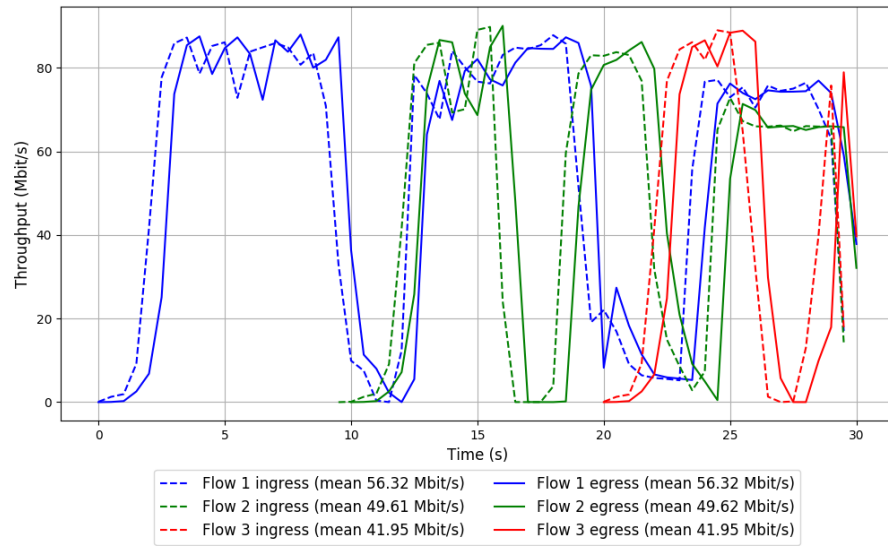


Run 6: Statistics of QUIC Cubic

Start at: 2018-07-04 18:43:56
End at: 2018-07-04 18:44:26
Local clock offset: -0.095 ms
Remote clock offset: -0.225 ms

Below is generated by plot.py at 2018-07-04 22:39:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 102.78 Mbit/s
95th percentile per-packet one-way delay: 135.898 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.32 Mbit/s
95th percentile per-packet one-way delay: 135.909 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 49.62 Mbit/s
95th percentile per-packet one-way delay: 134.669 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 41.95 Mbit/s
95th percentile per-packet one-way delay: 135.917 ms
Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link

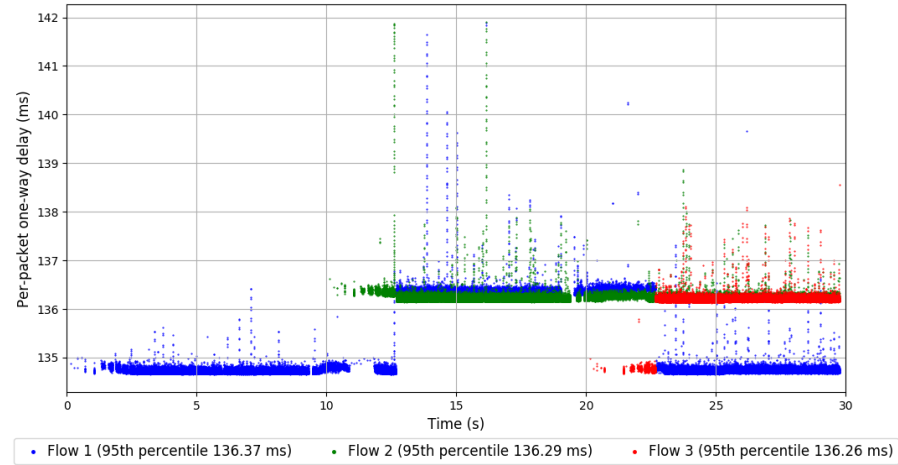
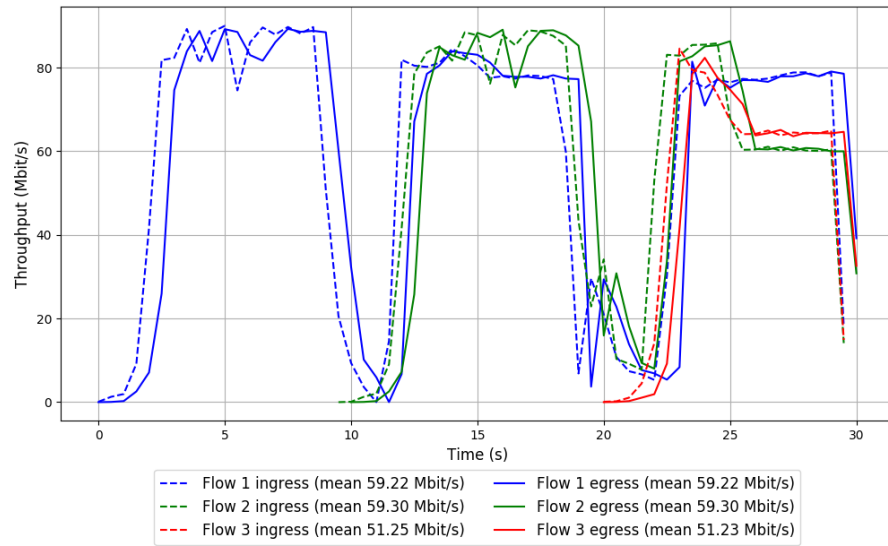


Run 7: Statistics of QUIC Cubic

Start at: 2018-07-04 19:10:35
End at: 2018-07-04 19:11:05
Local clock offset: 0.098 ms
Remote clock offset: -0.203 ms

Below is generated by plot.py at 2018-07-04 22:39:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 115.14 Mbit/s
95th percentile per-packet one-way delay: 136.354 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.22 Mbit/s
95th percentile per-packet one-way delay: 136.372 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 59.30 Mbit/s
95th percentile per-packet one-way delay: 136.294 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 51.23 Mbit/s
95th percentile per-packet one-way delay: 136.260 ms
Loss rate: 0.01%

Run 7: Report of QUIC Cubic — Data Link

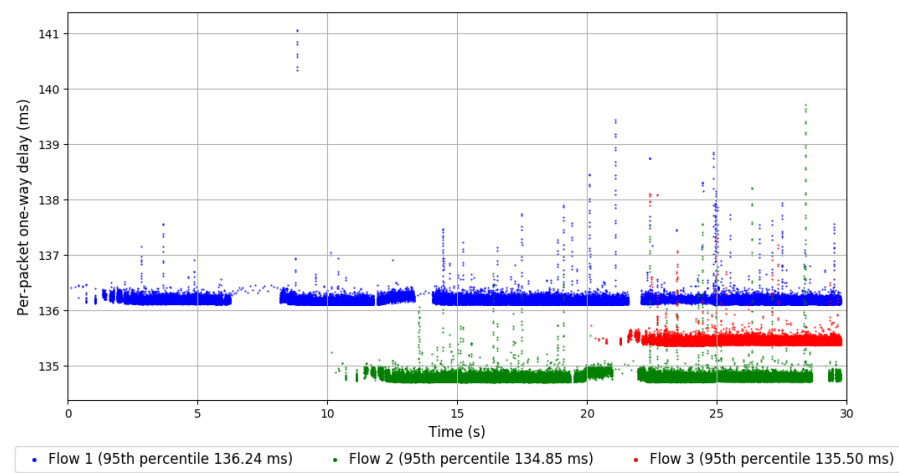
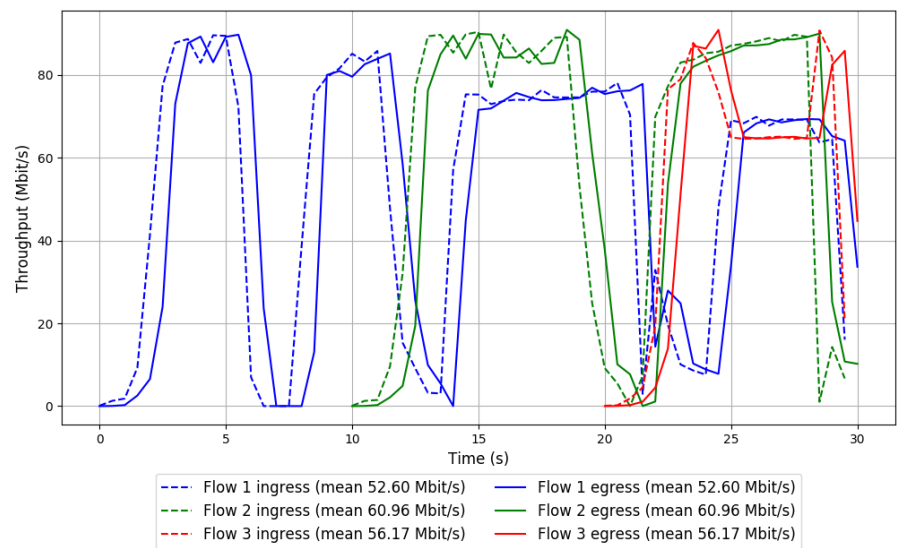


Run 8: Statistics of QUIC Cubic

Start at: 2018-07-04 19:37:19
End at: 2018-07-04 19:37:49
Local clock offset: 0.109 ms
Remote clock offset: -0.144 ms

Below is generated by plot.py at 2018-07-04 22:39:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 111.15 Mbit/s
95th percentile per-packet one-way delay: 136.213 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 52.60 Mbit/s
95th percentile per-packet one-way delay: 136.238 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.96 Mbit/s
95th percentile per-packet one-way delay: 134.846 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 56.17 Mbit/s
95th percentile per-packet one-way delay: 135.505 ms
Loss rate: 0.00%

Run 8: Report of QUIC Cubic — Data Link

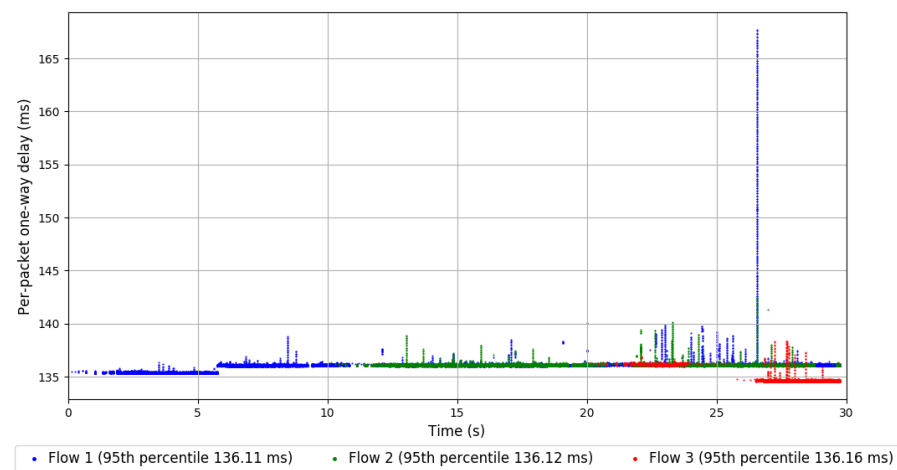
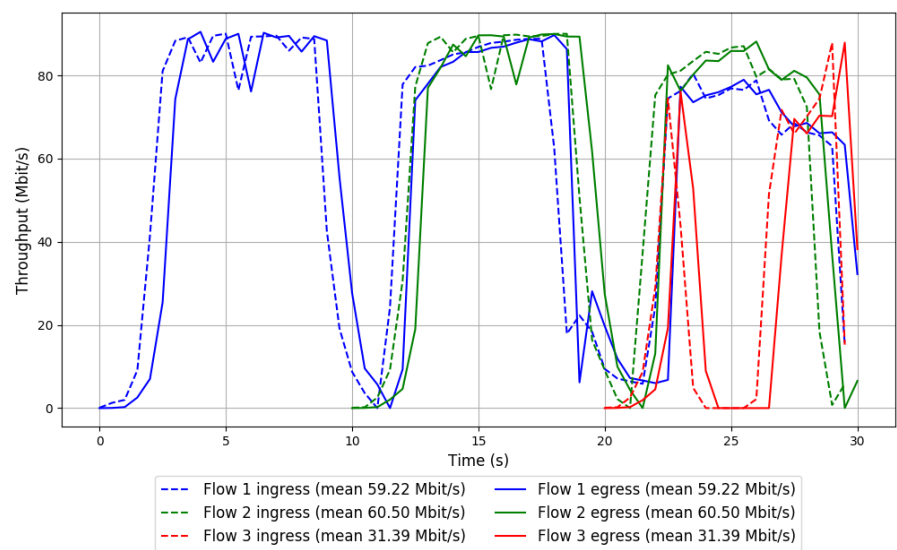


Run 9: Statistics of QUIC Cubic

Start at: 2018-07-04 20:03:52
End at: 2018-07-04 20:04:22
Local clock offset: -0.127 ms
Remote clock offset: -0.459 ms

Below is generated by plot.py at 2018-07-04 22:39:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 109.45 Mbit/s
95th percentile per-packet one-way delay: 136.123 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.22 Mbit/s
95th percentile per-packet one-way delay: 136.111 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.50 Mbit/s
95th percentile per-packet one-way delay: 136.125 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 31.39 Mbit/s
95th percentile per-packet one-way delay: 136.162 ms
Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-07-04 20:30:30

End at: 2018-07-04 20:31:00

Local clock offset: 0.107 ms

Remote clock offset: 0.051 ms

Below is generated by plot.py at 2018-07-04 22:39:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 112.20 Mbit/s

95th percentile per-packet one-way delay: 136.511 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 59.92 Mbit/s

95th percentile per-packet one-way delay: 136.340 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 60.30 Mbit/s

95th percentile per-packet one-way delay: 136.539 ms

Loss rate: 0.00%

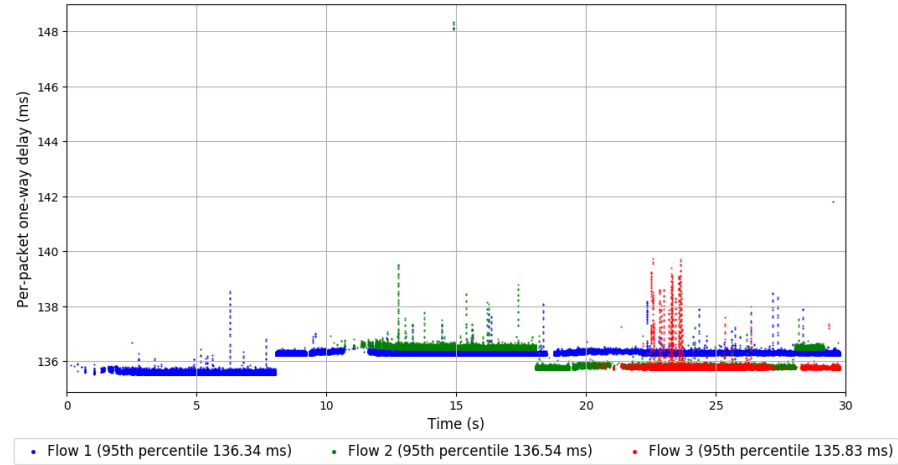
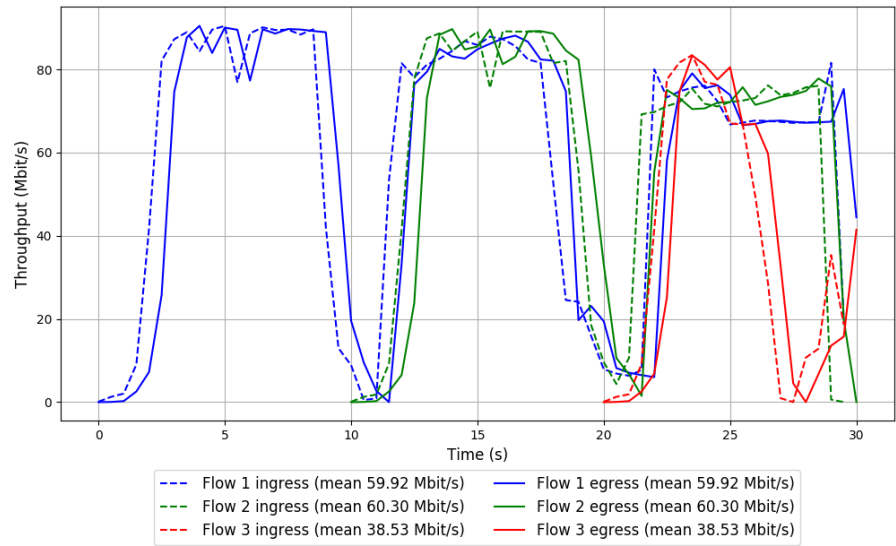
-- Flow 3:

Average throughput: 38.53 Mbit/s

95th percentile per-packet one-way delay: 135.833 ms

Loss rate: 0.00%

Run 10: Report of QUIC Cubic — Data Link

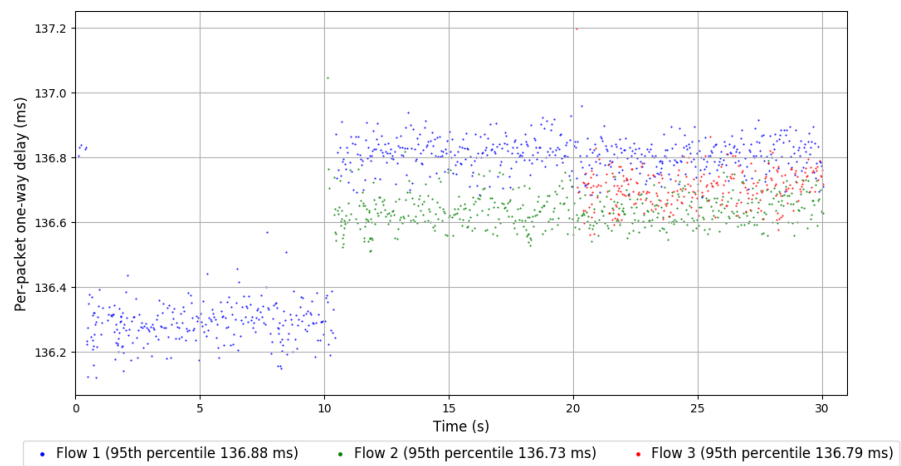
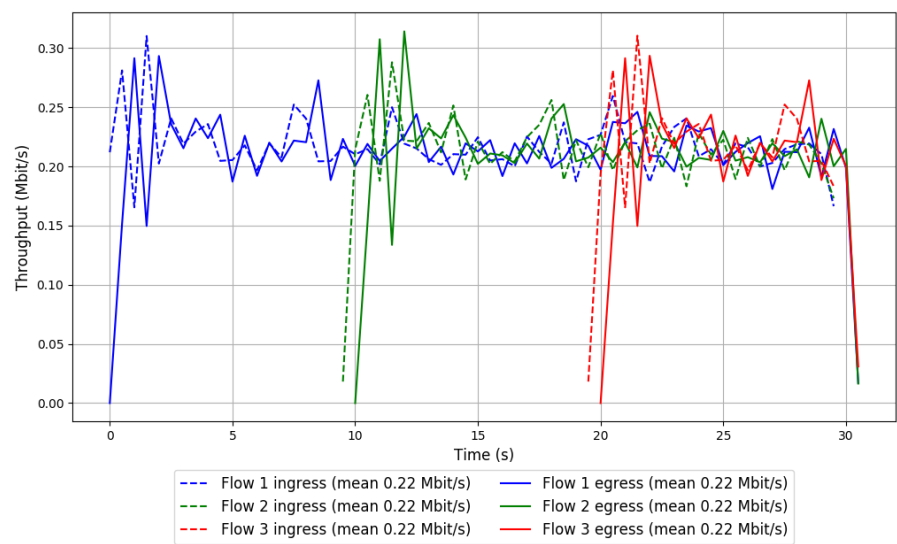


Run 1: Statistics of SReAM

Start at: 2018-07-04 16:14:18
End at: 2018-07-04 16:14:48
Local clock offset: -0.244 ms
Remote clock offset: -0.199 ms

Below is generated by plot.py at 2018-07-04 22:39:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 136.857 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.875 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.728 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.789 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

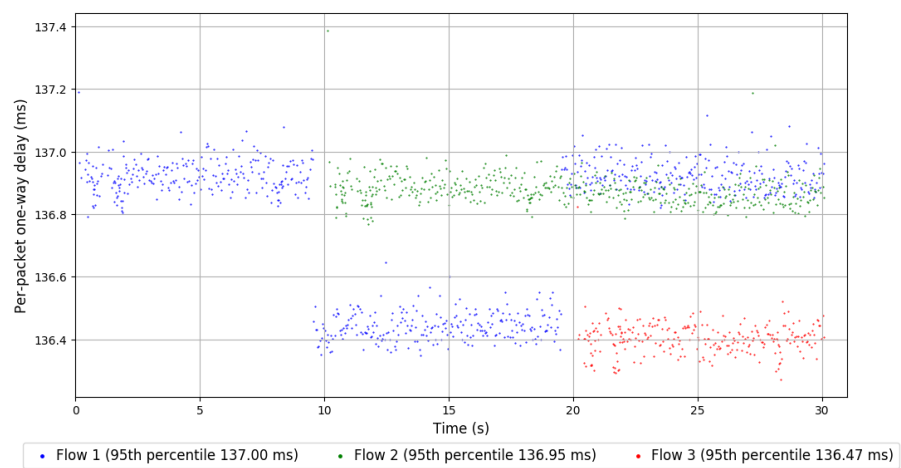
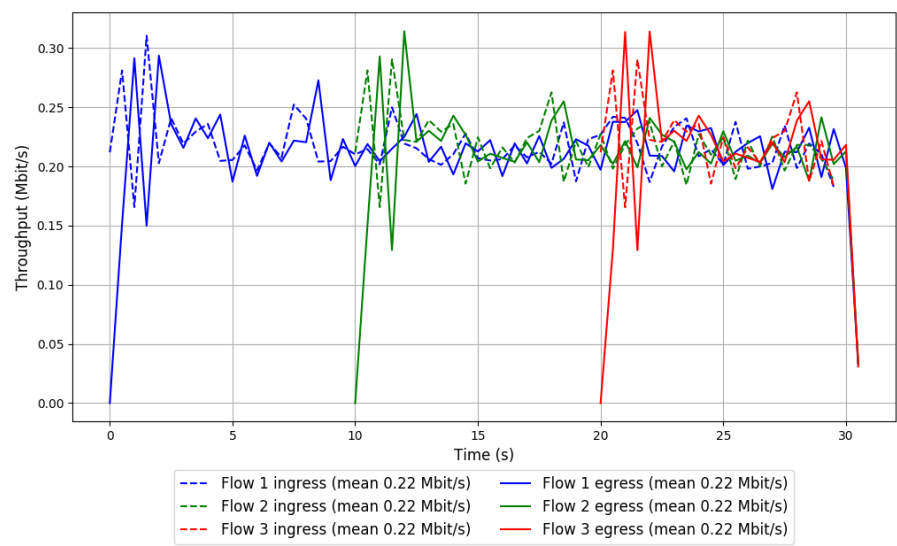


```
Run 2: Statistics of SReAM

Start at: 2018-07-04 16:41:29
End at: 2018-07-04 16:41:59
Local clock offset: -0.062 ms
Remote clock offset: 0.144 ms

# Below is generated by plot.py at 2018-07-04 22:39:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 136.976 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.998 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.948 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.470 ms
Loss rate: 0.00%
```

Run 2: Report of SReAM — Data Link

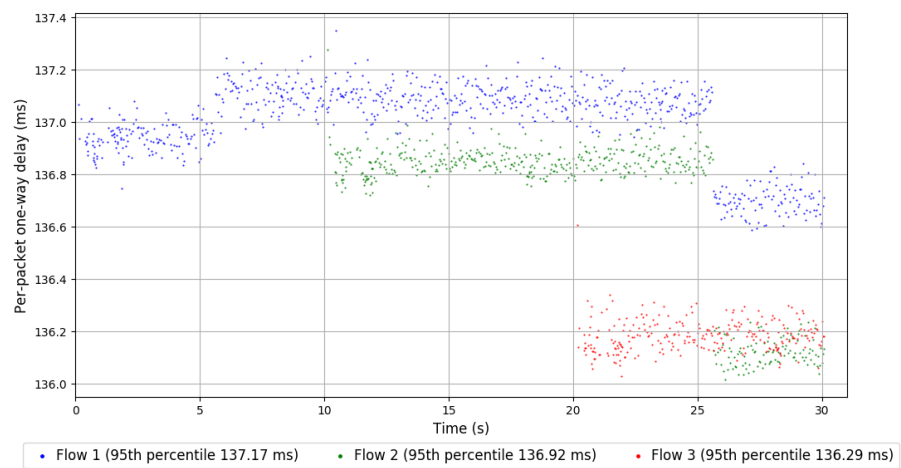
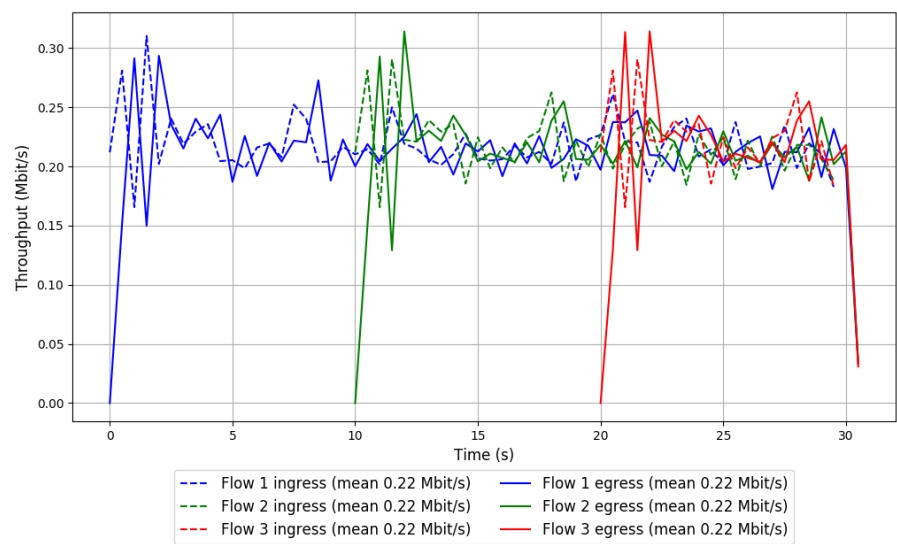


Run 3: Statistics of SReAM

Start at: 2018-07-04 17:08:33
End at: 2018-07-04 17:09:03
Local clock offset: -0.182 ms
Remote clock offset: -0.248 ms

Below is generated by plot.py at 2018-07-04 22:39:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 137.153 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 137.174 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.924 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.287 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

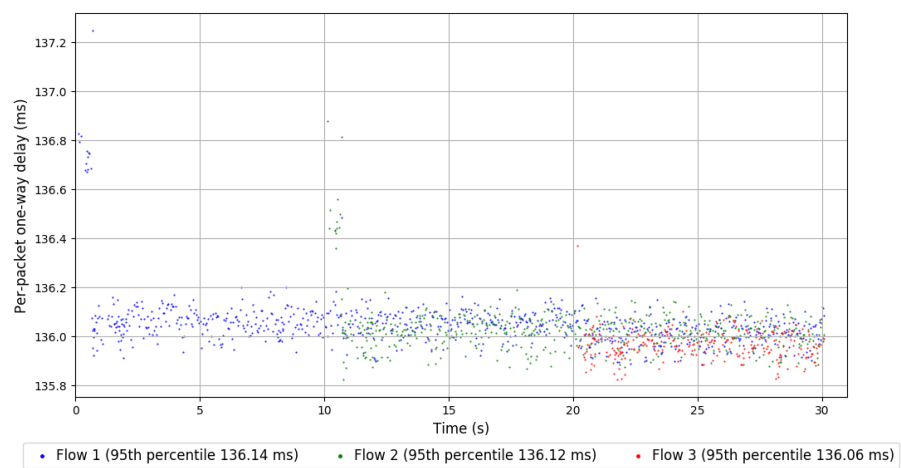
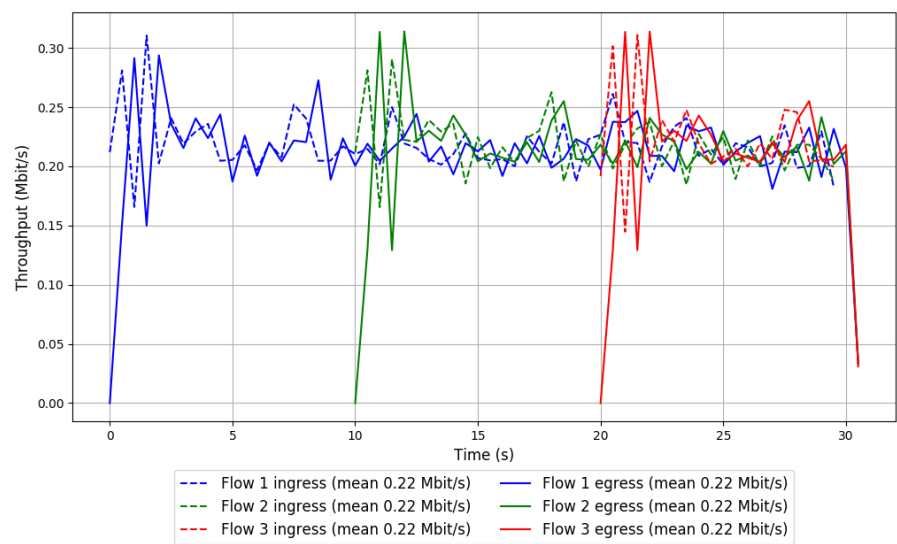


Run 4: Statistics of SReAM

Start at: 2018-07-04 17:35:38
End at: 2018-07-04 17:36:08
Local clock offset: 0.153 ms
Remote clock offset: -0.199 ms

```
# Below is generated by plot.py at 2018-07-04 22:39:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 136.128 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.141 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.121 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.055 ms
Loss rate: 0.00%
```

Run 4: Report of SReAM — Data Link

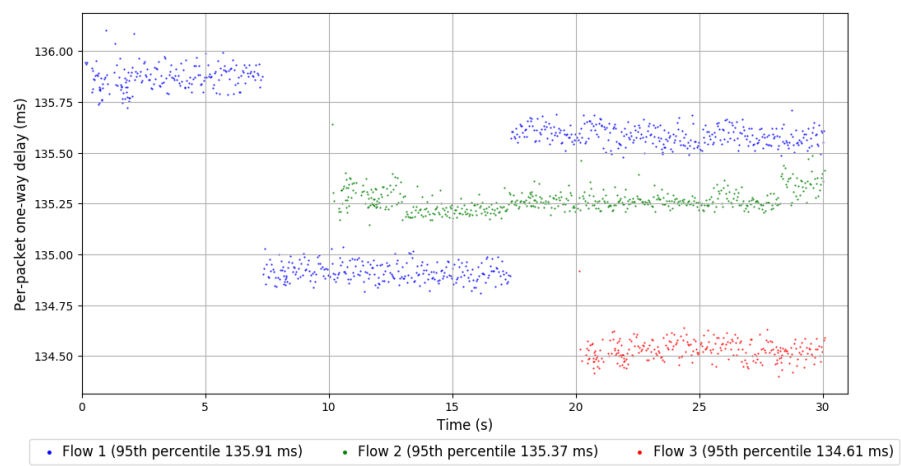
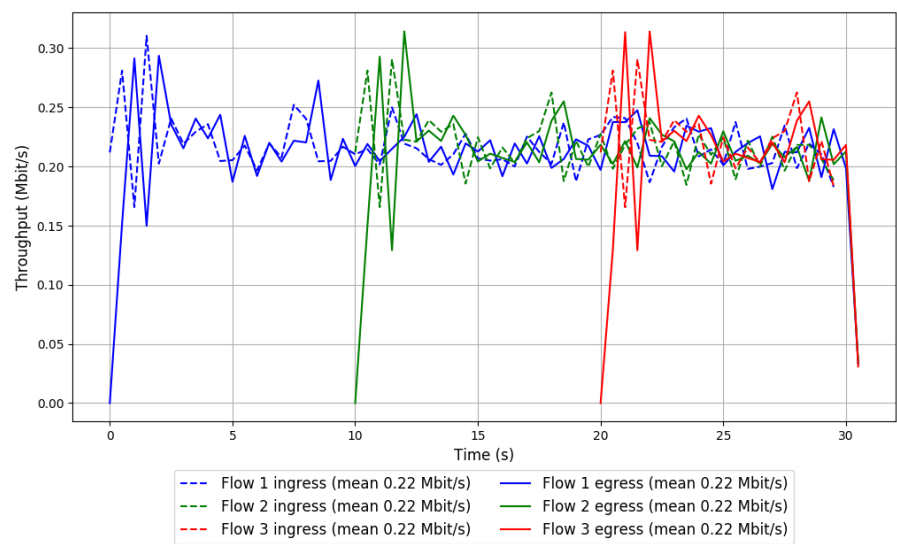


Run 5: Statistics of SReAM

Start at: 2018-07-04 18:02:31
End at: 2018-07-04 18:03:01
Local clock offset: 0.137 ms
Remote clock offset: -0.198 ms

Below is generated by plot.py at 2018-07-04 22:39:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 135.883 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.915 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.372 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 134.606 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

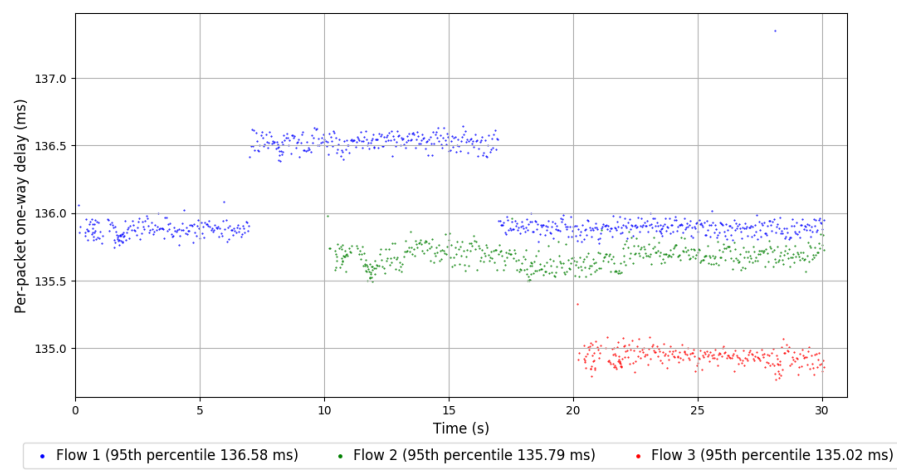
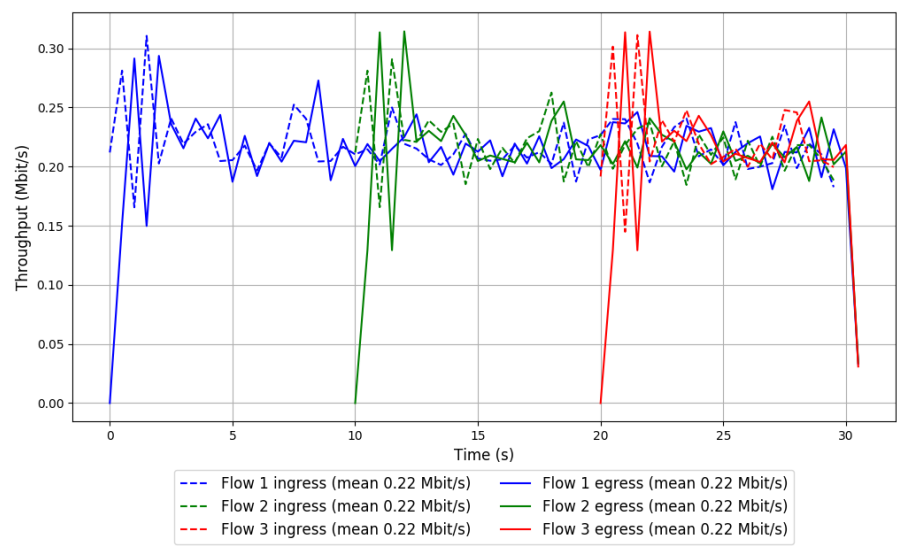


Run 6: Statistics of SReAM

Start at: 2018-07-04 18:29:31
End at: 2018-07-04 18:30:01
Local clock offset: -0.288 ms
Remote clock offset: -0.601 ms

Below is generated by plot.py at 2018-07-04 22:39:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 136.558 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.583 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.786 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.023 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

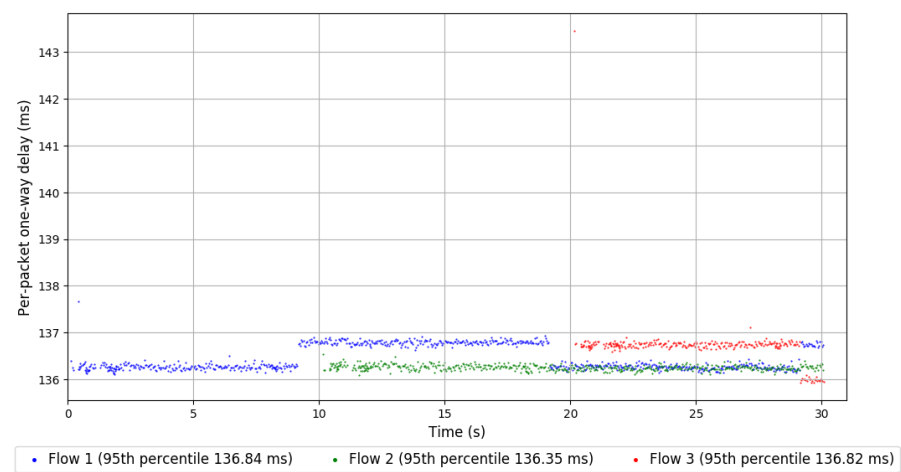
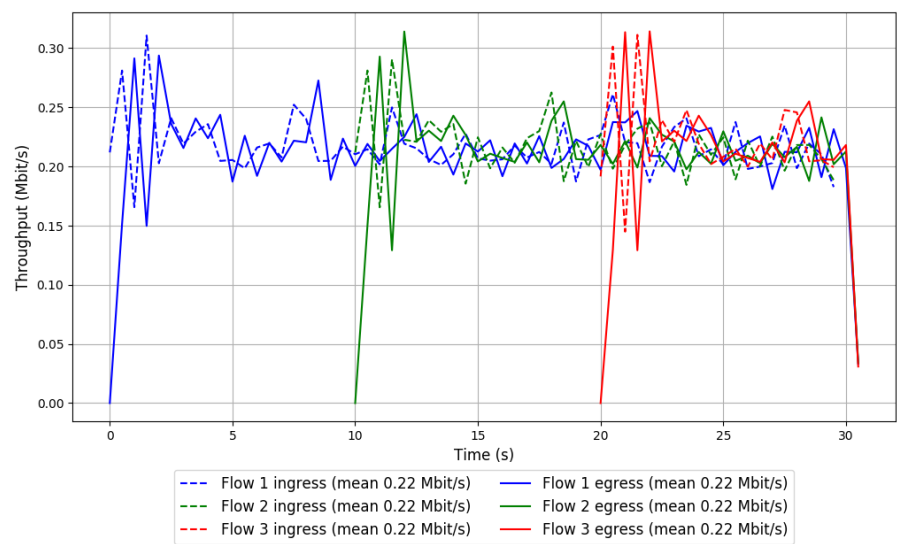


Run 7: Statistics of SReAM

Start at: 2018-07-04 18:56:19
End at: 2018-07-04 18:56:49
Local clock offset: -0.285 ms
Remote clock offset: -0.224 ms

```
# Below is generated by plot.py at 2018-07-04 22:39:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 136.822 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.835 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.350 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.823 ms
Loss rate: 0.00%
```

Run 7: Report of SReAM — Data Link

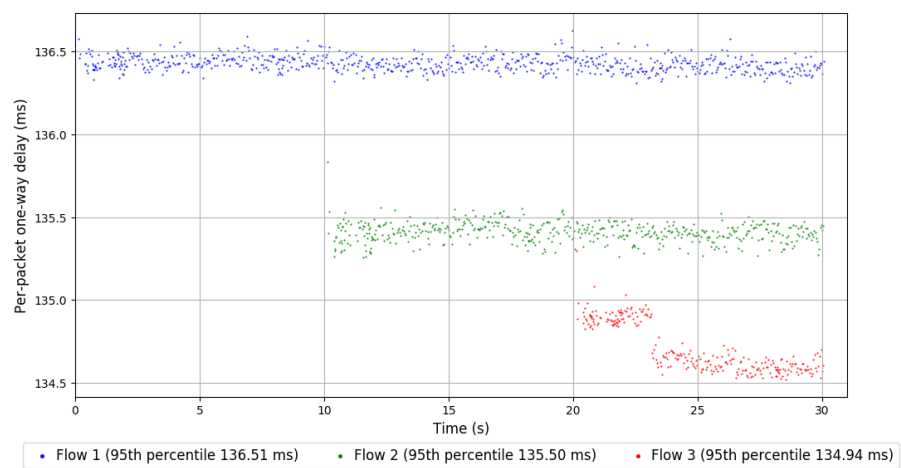
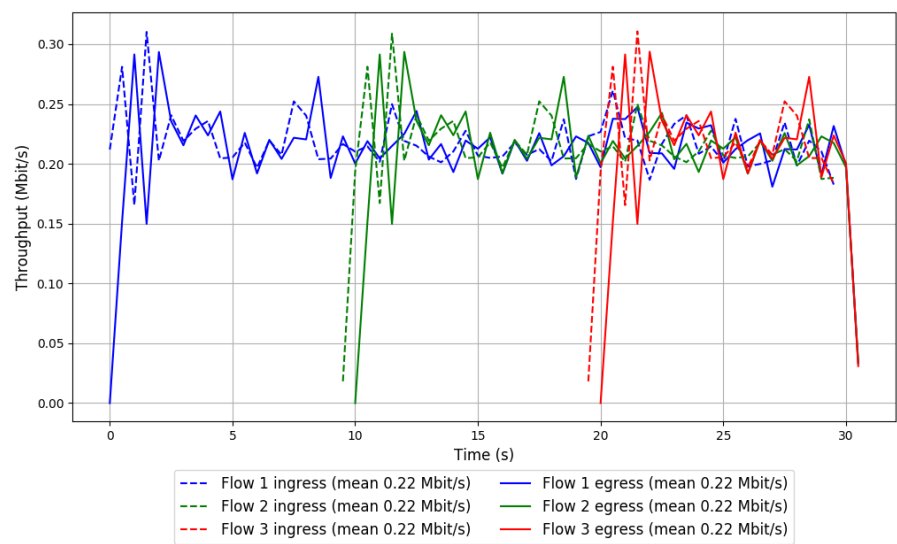


Run 8: Statistics of SReAM

Start at: 2018-07-04 19:22:55
End at: 2018-07-04 19:23:25
Local clock offset: 0.054 ms
Remote clock offset: -0.162 ms

```
# Below is generated by plot.py at 2018-07-04 22:39:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 136.487 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.506 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.501 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 134.943 ms
Loss rate: 0.00%
```

Run 8: Report of SReAM — Data Link

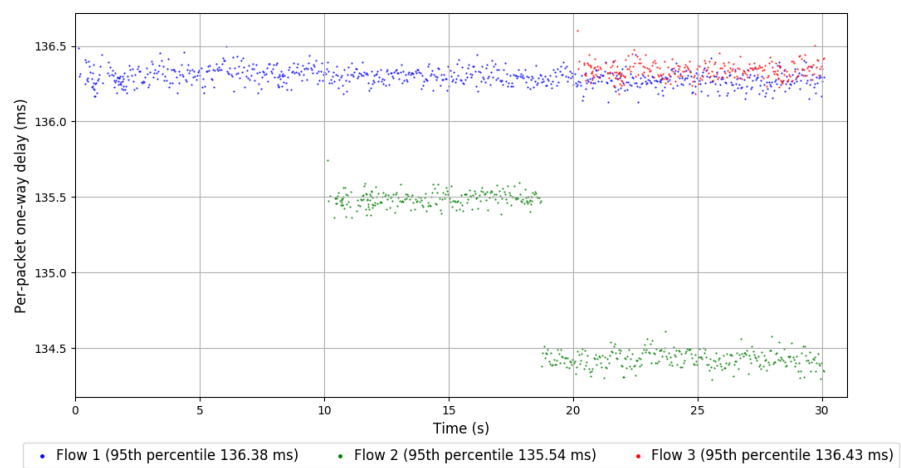
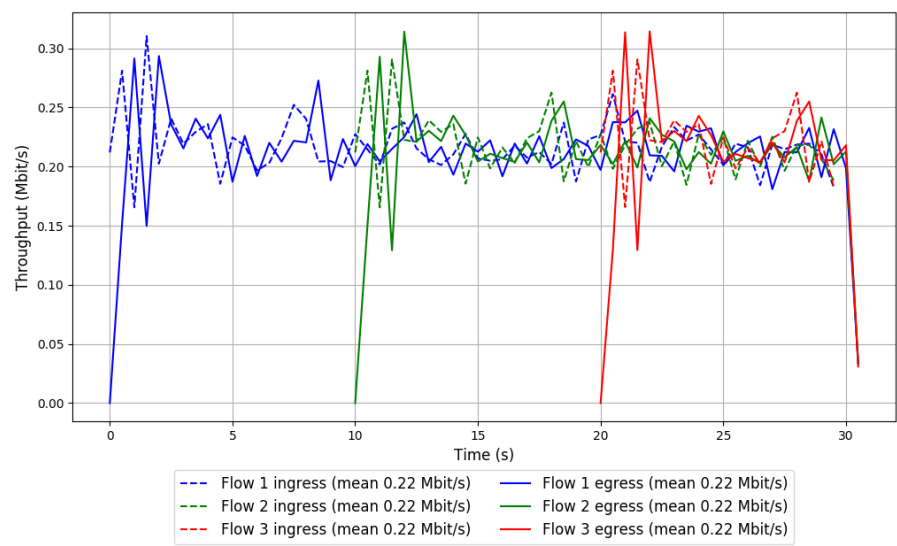


Run 9: Statistics of SReAM

Start at: 2018-07-04 19:49:40
End at: 2018-07-04 19:50:10
Local clock offset: -0.13 ms
Remote clock offset: -0.502 ms

Below is generated by plot.py at 2018-07-04 22:39:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 136.388 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.385 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.536 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.426 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2018-07-04 20:16:15

End at: 2018-07-04 20:16:45

Local clock offset: 0.202 ms

Remote clock offset: 0.008 ms

Below is generated by plot.py at 2018-07-04 22:39:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 136.433 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 135.652 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 136.478 ms

Loss rate: 0.00%

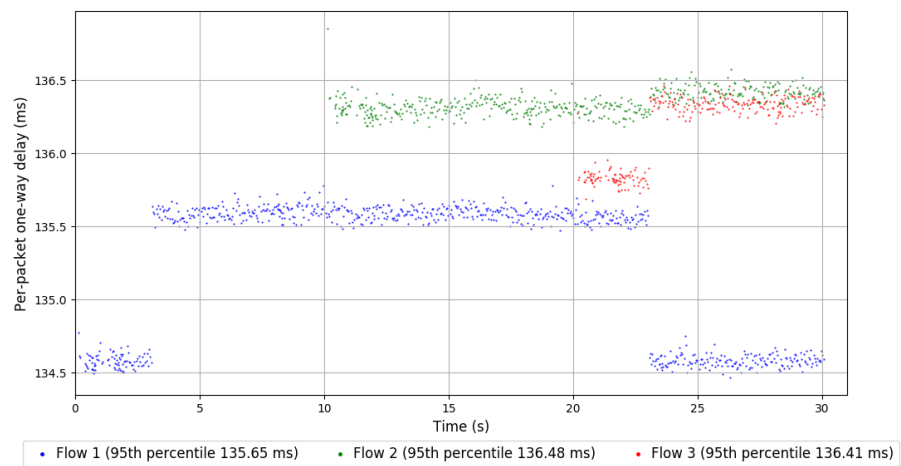
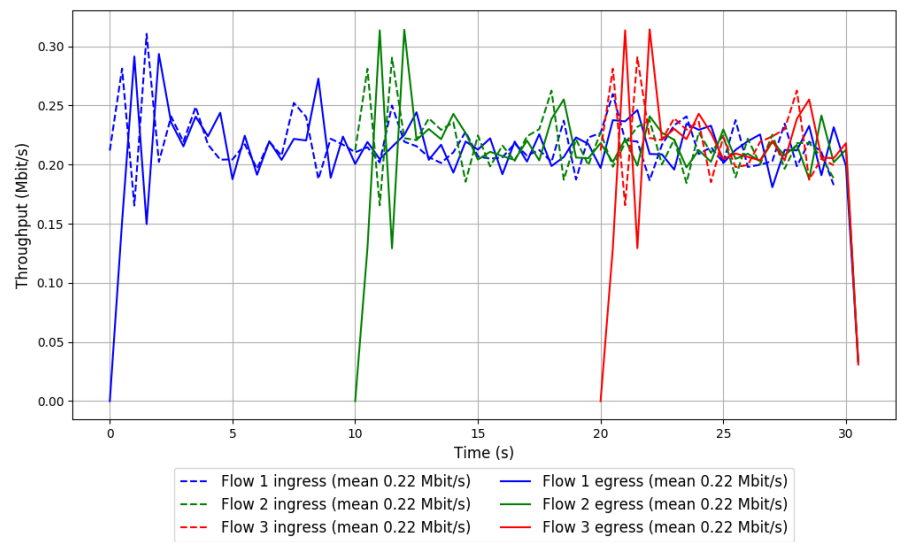
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 136.405 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2018-07-04 16:06:08

End at: 2018-07-04 16:06:38

Local clock offset: -0.141 ms

Remote clock offset: 0.13 ms

Below is generated by plot.py at 2018-07-04 22:39:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.39 Mbit/s

95th percentile per-packet one-way delay: 137.320 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 137.188 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.18 Mbit/s

95th percentile per-packet one-way delay: 137.377 ms

Loss rate: 0.00%

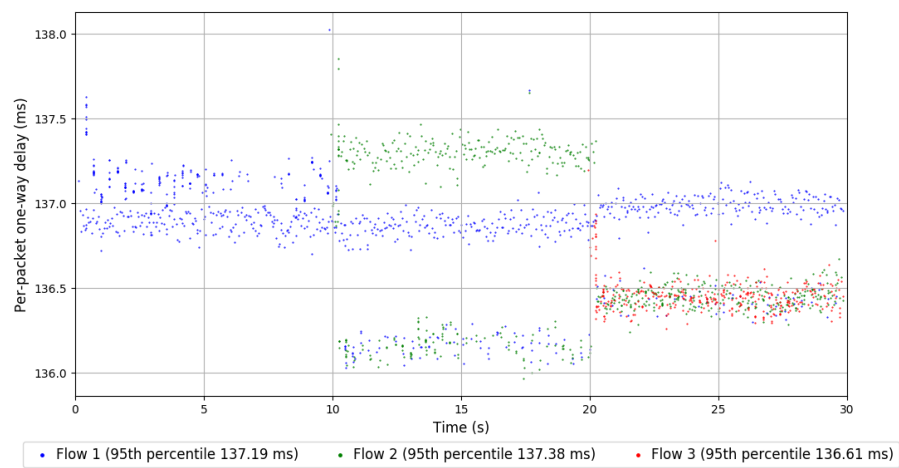
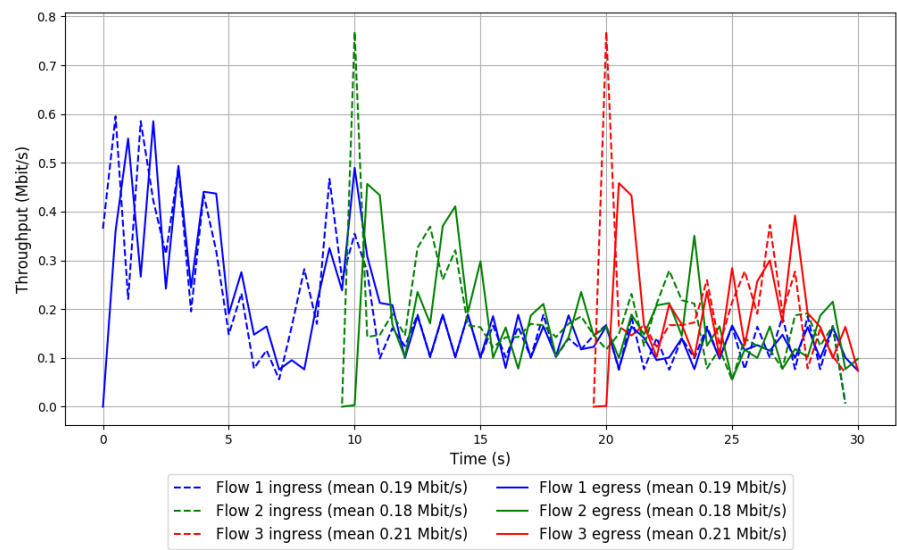
-- Flow 3:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 136.613 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

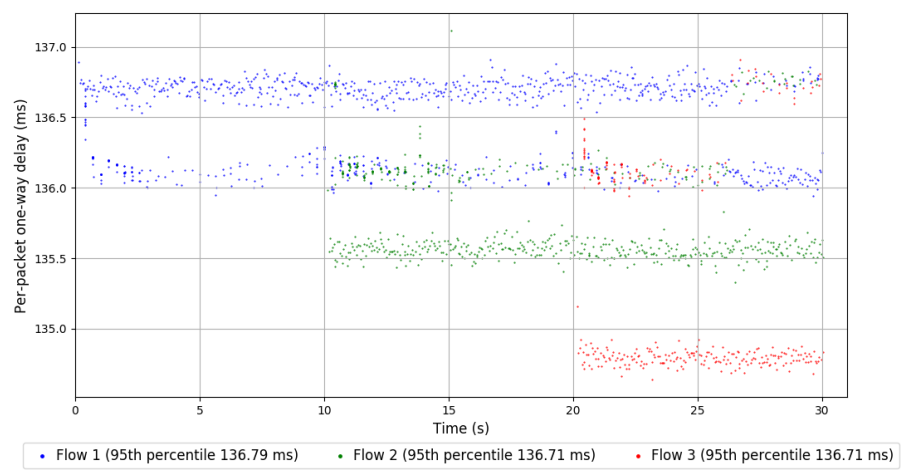
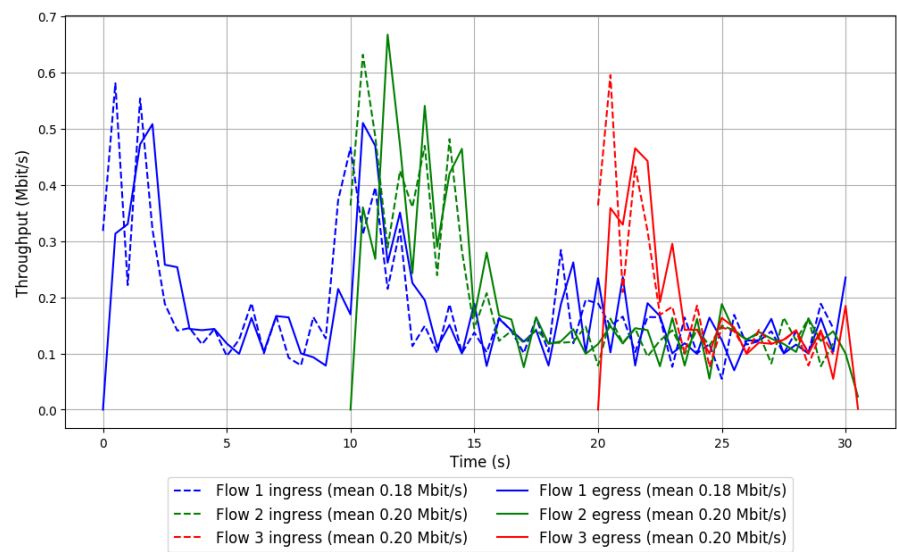


Run 2: Statistics of Sprout

Start at: 2018-07-04 16:33:12
End at: 2018-07-04 16:33:42
Local clock offset: -0.082 ms
Remote clock offset: -0.203 ms

```
# Below is generated by plot.py at 2018-07-04 22:39:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 136.774 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 136.791 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 136.708 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 136.711 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2018-07-04 17:00:19

End at: 2018-07-04 17:00:49

Local clock offset: 0.125 ms

Remote clock offset: 0.154 ms

Below is generated by plot.py at 2018-07-04 22:39:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.38 Mbit/s

95th percentile per-packet one-way delay: 136.950 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.16 Mbit/s

95th percentile per-packet one-way delay: 136.846 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.25 Mbit/s

95th percentile per-packet one-way delay: 136.980 ms

Loss rate: 0.00%

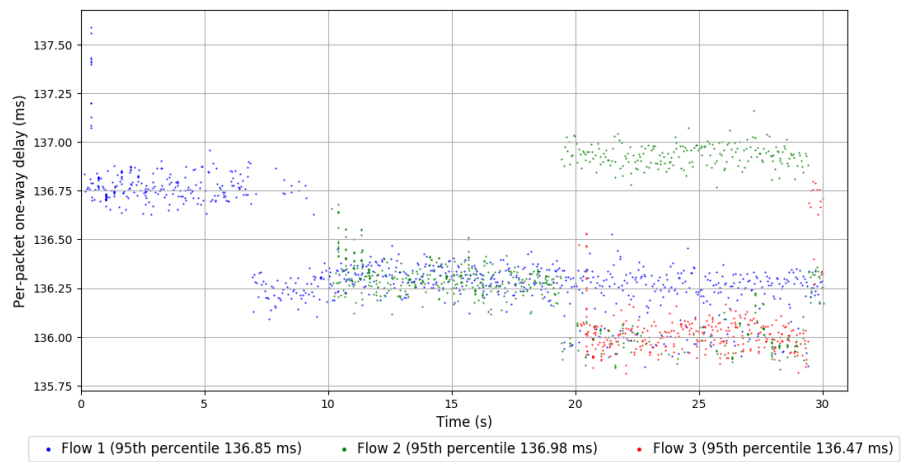
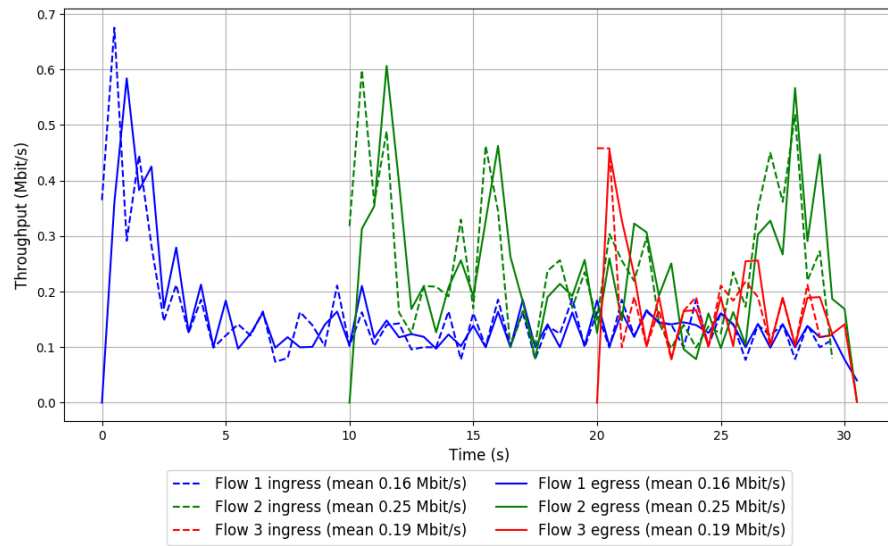
-- Flow 3:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 136.465 ms

Loss rate: 0.00%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2018-07-04 17:27:33

End at: 2018-07-04 17:28:03

Local clock offset: -0.03 ms

Remote clock offset: -0.57 ms

Below is generated by plot.py at 2018-07-04 22:39:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.38 Mbit/s

95th percentile per-packet one-way delay: 136.595 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.16 Mbit/s

95th percentile per-packet one-way delay: 136.320 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.16 Mbit/s

95th percentile per-packet one-way delay: 136.638 ms

Loss rate: 0.00%

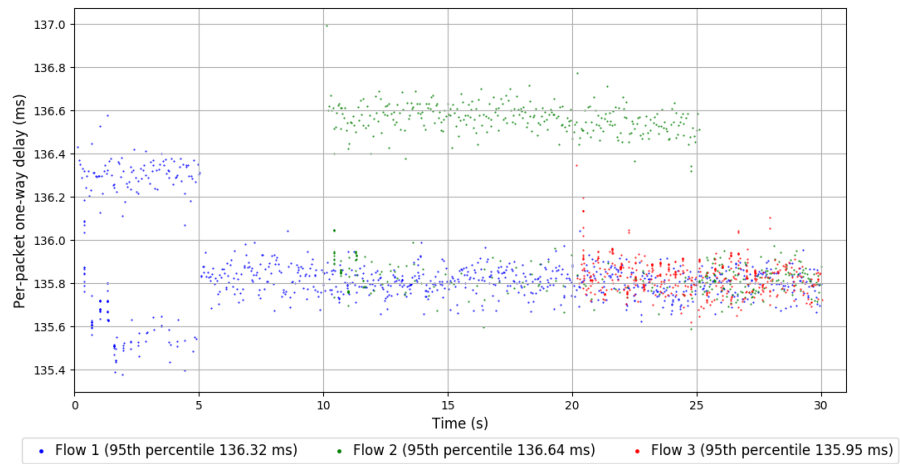
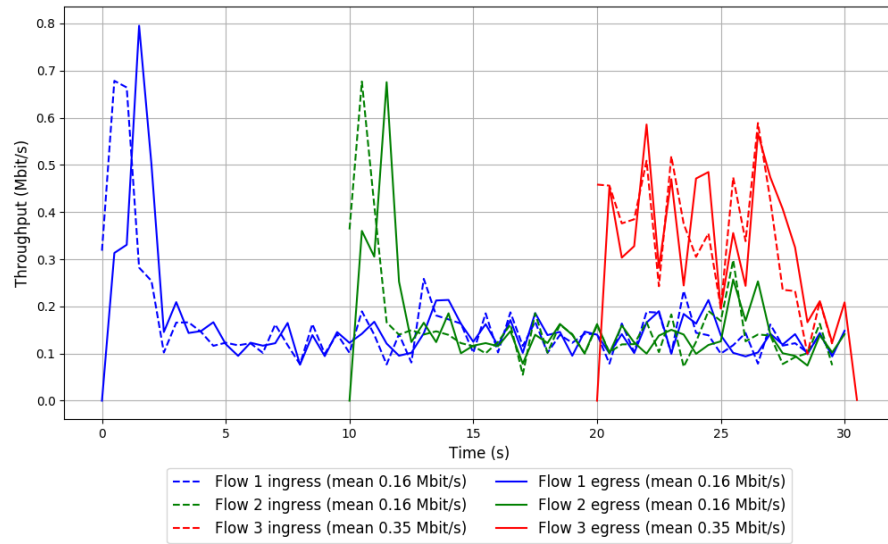
-- Flow 3:

Average throughput: 0.35 Mbit/s

95th percentile per-packet one-way delay: 135.948 ms

Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

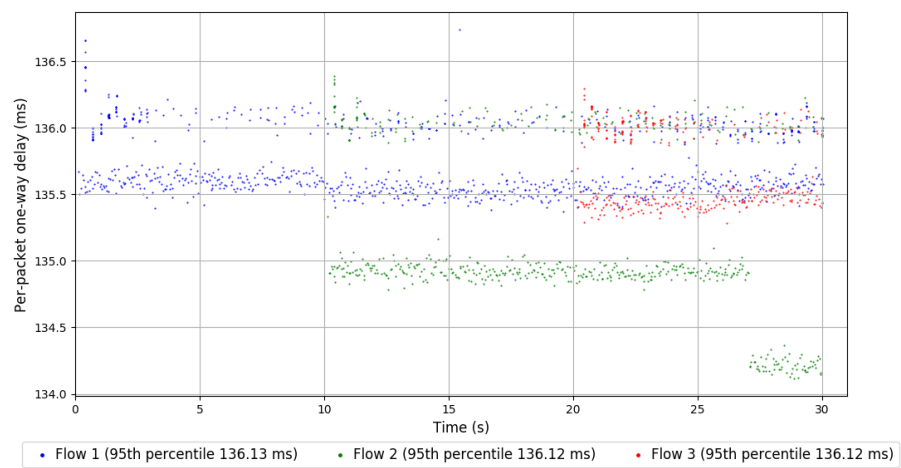
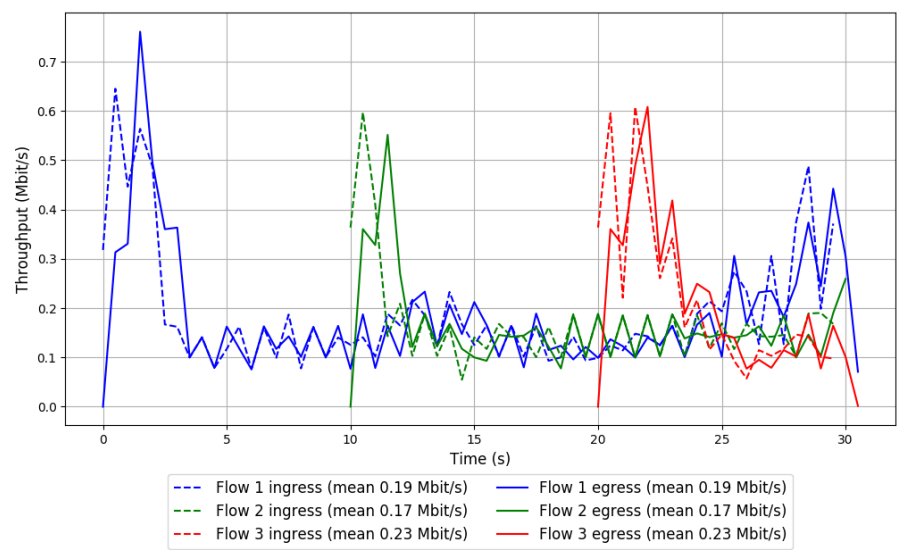


Run 5: Statistics of Sprout

Start at: 2018-07-04 17:54:31
End at: 2018-07-04 17:55:01
Local clock offset: 0.133 ms
Remote clock offset: -0.589 ms

```
# Below is generated by plot.py at 2018-07-04 22:39:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 136.123 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 136.130 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 136.121 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 136.118 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

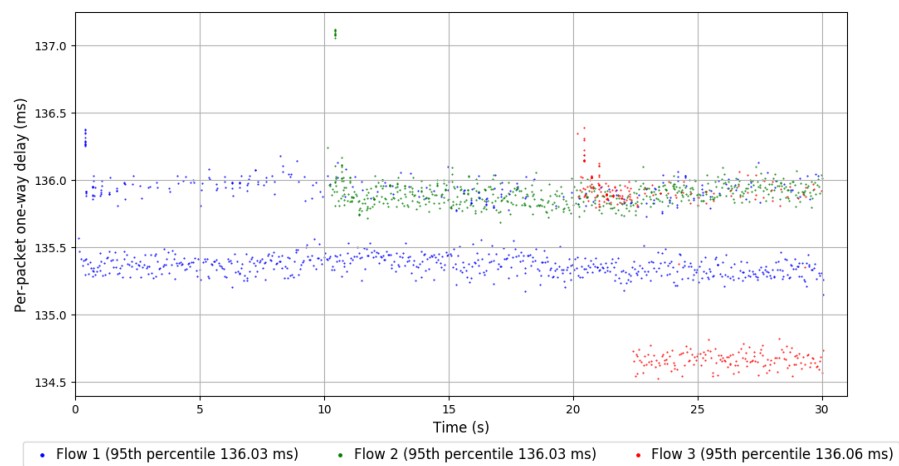
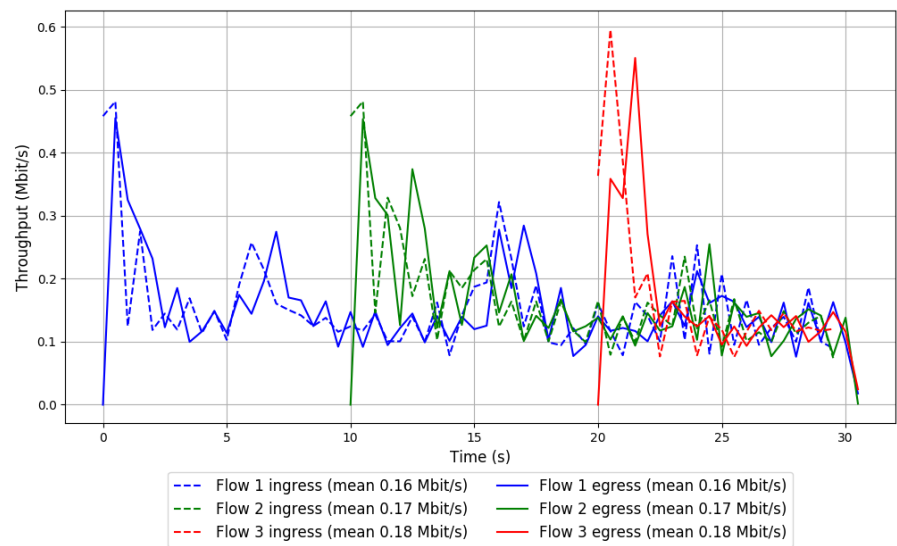


Run 6: Statistics of Sprout

Start at: 2018-07-04 18:21:26
End at: 2018-07-04 18:21:56
Local clock offset: 0.079 ms
Remote clock offset: -0.198 ms

```
# Below is generated by plot.py at 2018-07-04 22:39:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 136.030 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 136.026 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 136.034 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 136.061 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

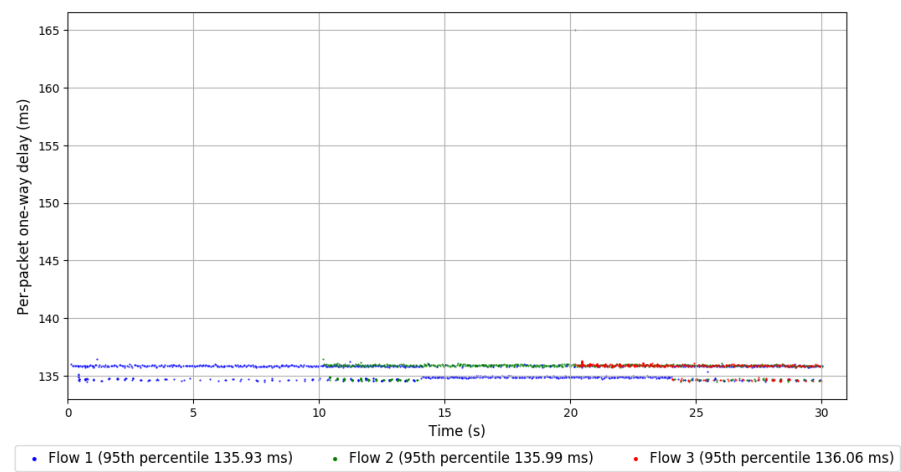
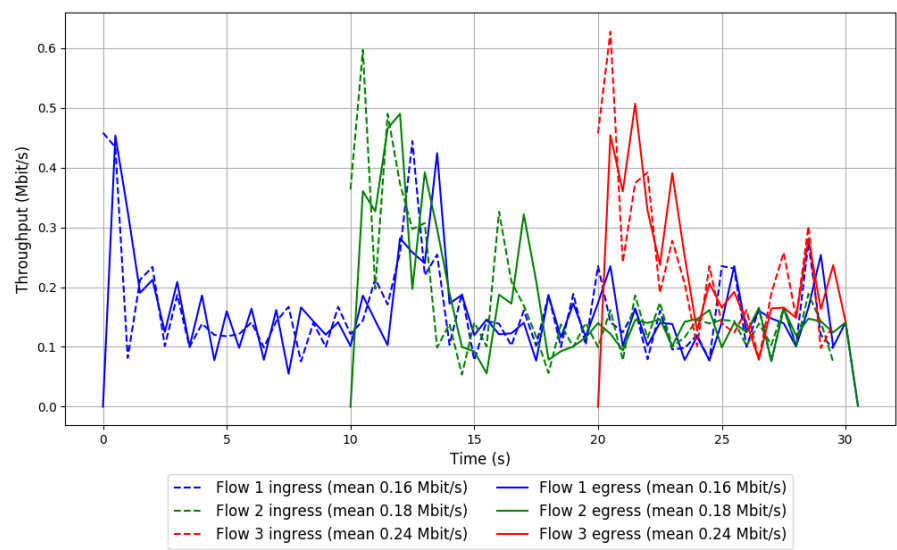


Run 7: Statistics of Sprout

Start at: 2018-07-04 18:48:24
End at: 2018-07-04 18:48:54
Local clock offset: -0.316 ms
Remote clock offset: -0.623 ms

```
# Below is generated by plot.py at 2018-07-04 22:39:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 135.986 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 135.925 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 135.994 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 136.058 ms
Loss rate: 0.00%
```


Run 7: Report of Sprout — Data Link

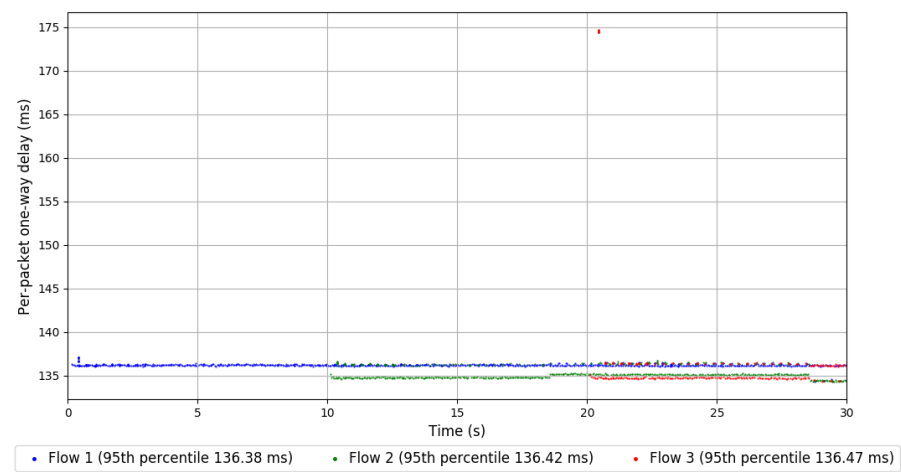
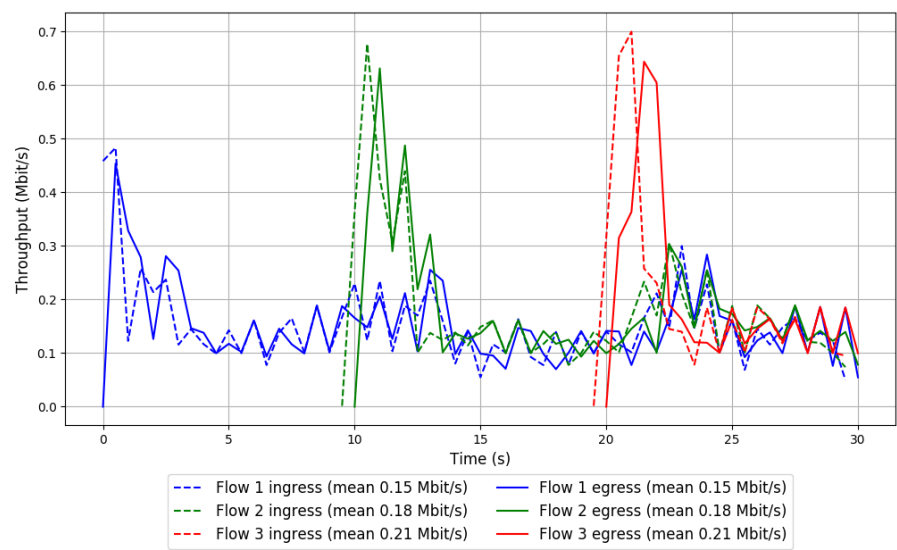


Run 8: Statistics of Sprout

Start at: 2018-07-04 19:15:10
End at: 2018-07-04 19:15:40
Local clock offset: -0.137 ms
Remote clock offset: -0.594 ms

```
# Below is generated by plot.py at 2018-07-04 22:39:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 136.411 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 136.379 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 136.420 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 136.470 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

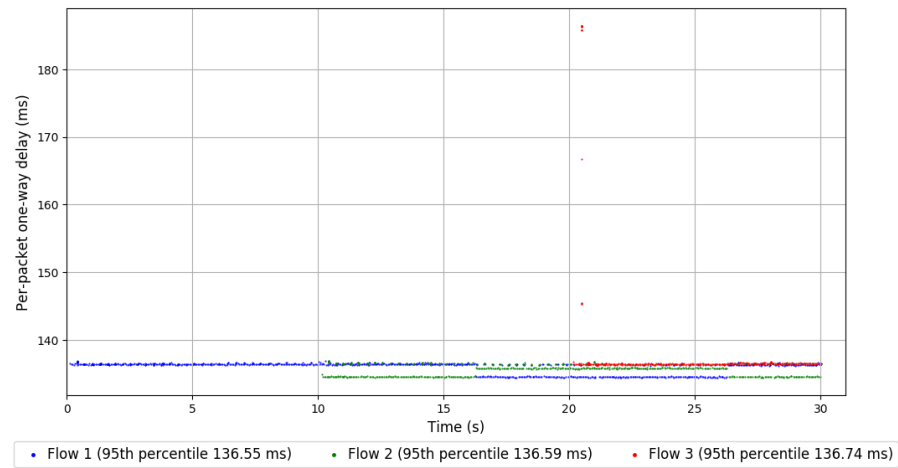
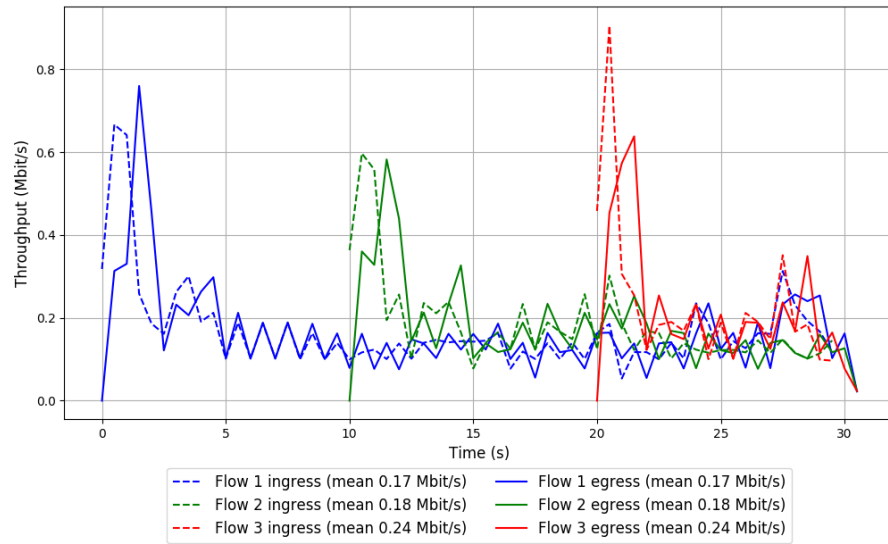


Run 9: Statistics of Sprout

Start at: 2018-07-04 19:41:52
End at: 2018-07-04 19:42:22
Local clock offset: 0.128 ms
Remote clock offset: -0.131 ms

Below is generated by plot.py at 2018-07-04 22:39:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 136.593 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 136.554 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 136.593 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 136.742 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

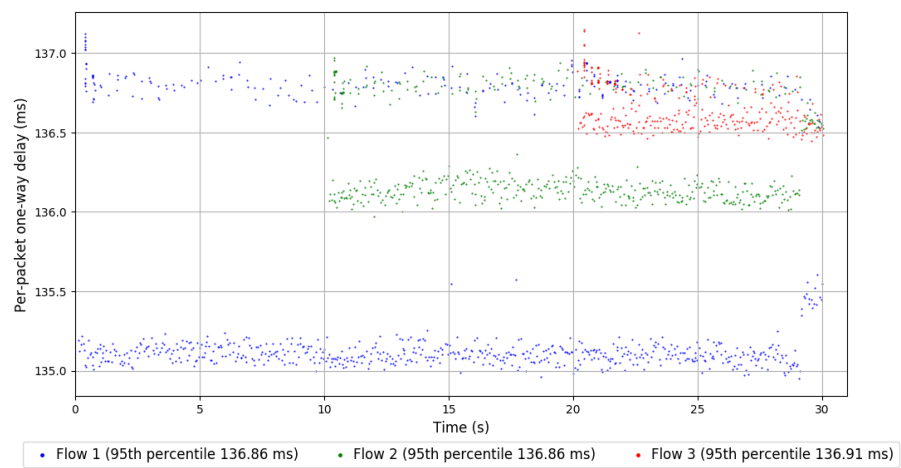
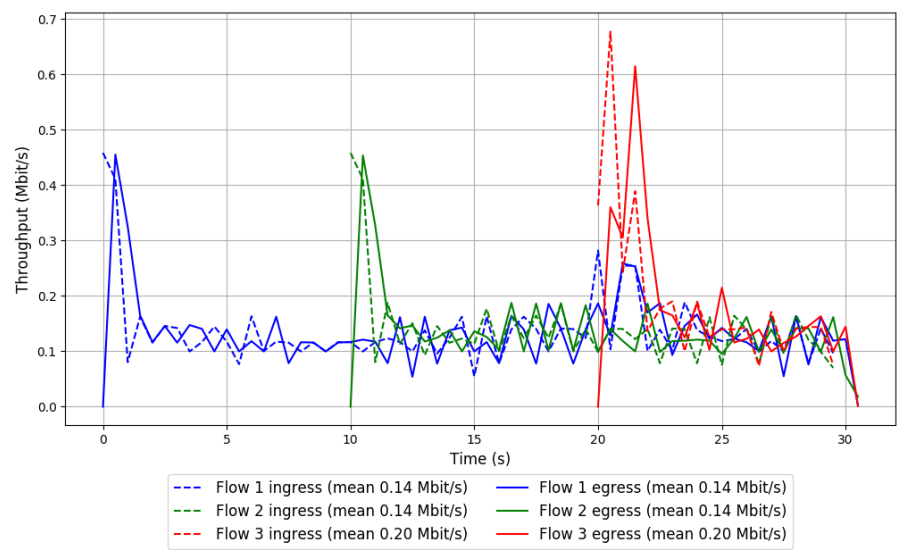


Run 10: Statistics of Sprout

Start at: 2018-07-04 20:08:19
End at: 2018-07-04 20:08:49
Local clock offset: -0.073 ms
Remote clock offset: -0.036 ms

```
# Below is generated by plot.py at 2018-07-04 22:39:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 136.863 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 136.858 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 136.862 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 136.905 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link

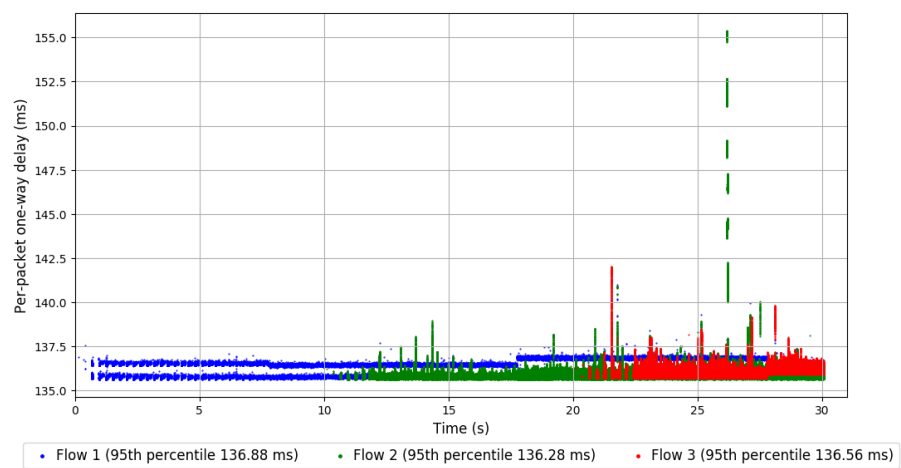
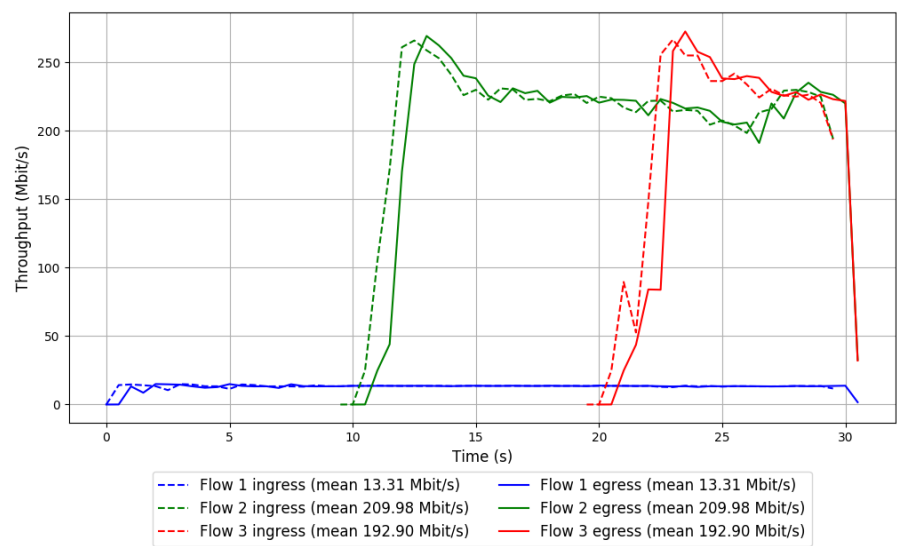


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-07-04 16:11:00
End at: 2018-07-04 16:11:31
Local clock offset: 0.118 ms
Remote clock offset: 0.142 ms

# Below is generated by plot.py at 2018-07-04 22:39:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 217.53 Mbit/s
95th percentile per-packet one-way delay: 136.529 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.31 Mbit/s
95th percentile per-packet one-way delay: 136.877 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 209.98 Mbit/s
95th percentile per-packet one-way delay: 136.276 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 192.90 Mbit/s
95th percentile per-packet one-way delay: 136.558 ms
Loss rate: 0.00%
```


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

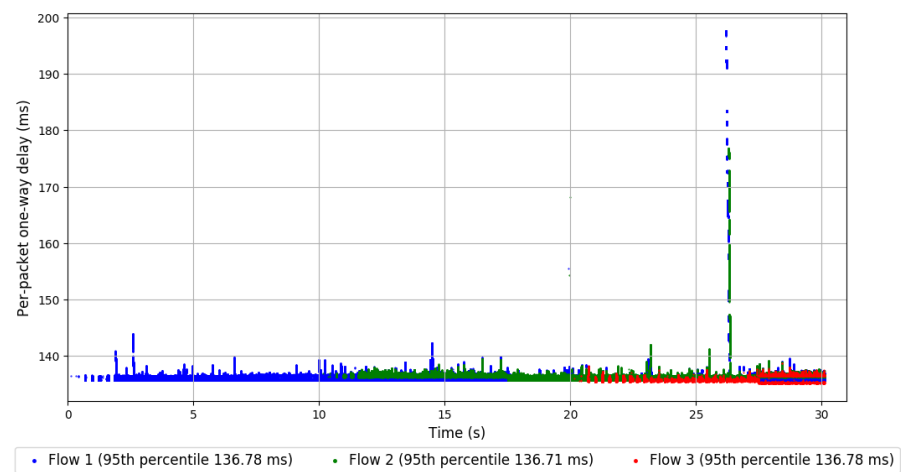
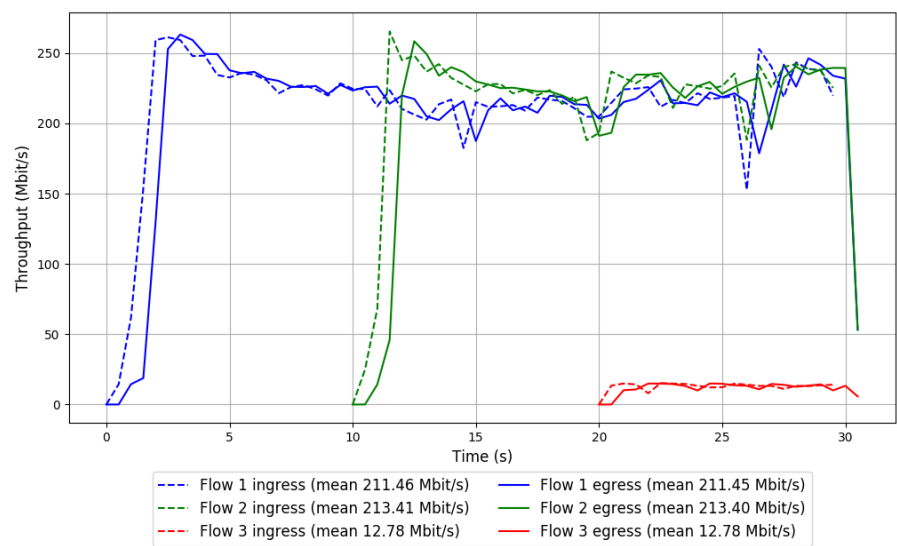


Run 2: Statistics of TaoVA-100x

Start at: 2018-07-04 16:38:01
End at: 2018-07-04 16:38:31
Local clock offset: 0.045 ms
Remote clock offset: -0.197 ms

Below is generated by plot.py at 2018-07-04 22:44:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 357.85 Mbit/s
95th percentile per-packet one-way delay: 136.750 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 211.45 Mbit/s
95th percentile per-packet one-way delay: 136.777 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 213.40 Mbit/s
95th percentile per-packet one-way delay: 136.712 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.78 Mbit/s
95th percentile per-packet one-way delay: 136.778 ms
Loss rate: 0.00%

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

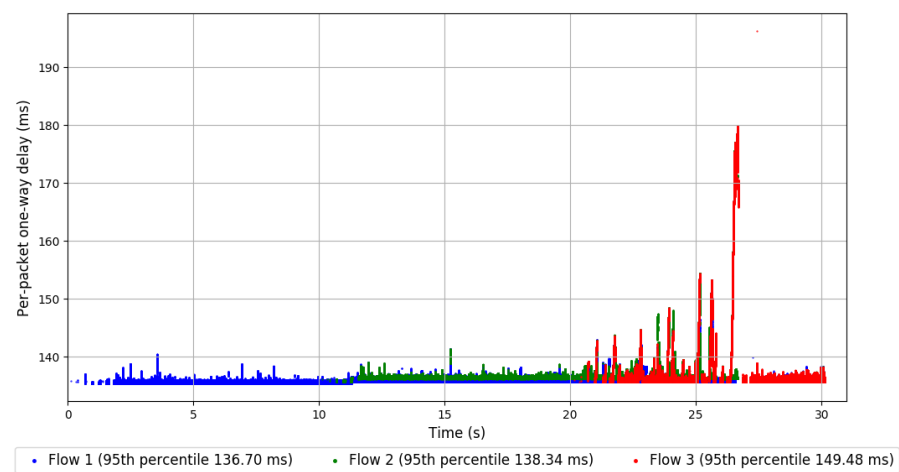
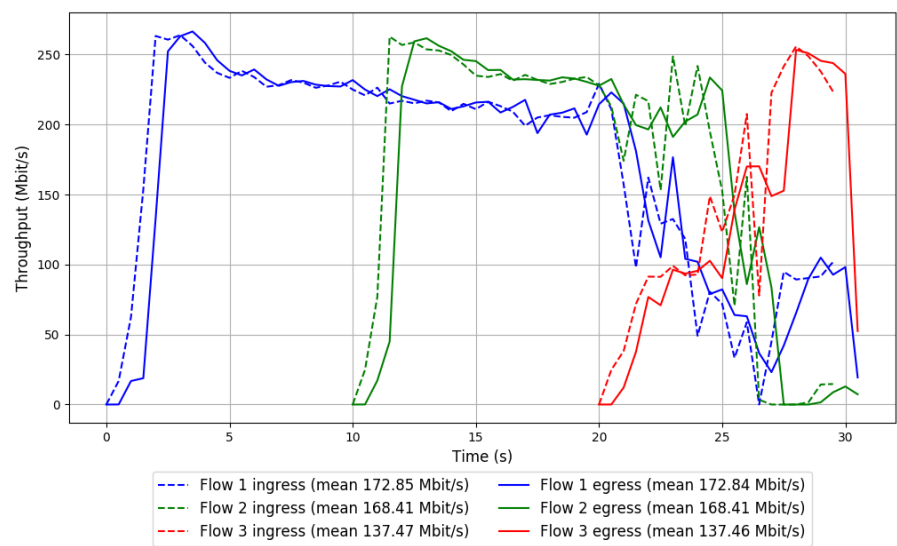


Run 3: Statistics of TaoVA-100x

Start at: 2018-07-04 17:05:07
End at: 2018-07-04 17:05:37
Local clock offset: 0.083 ms
Remote clock offset: -0.202 ms

Below is generated by plot.py at 2018-07-04 22:44:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 330.57 Mbit/s
95th percentile per-packet one-way delay: 137.875 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 172.84 Mbit/s
95th percentile per-packet one-way delay: 136.699 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 168.41 Mbit/s
95th percentile per-packet one-way delay: 138.339 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 137.46 Mbit/s
95th percentile per-packet one-way delay: 149.479 ms
Loss rate: 0.00%

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

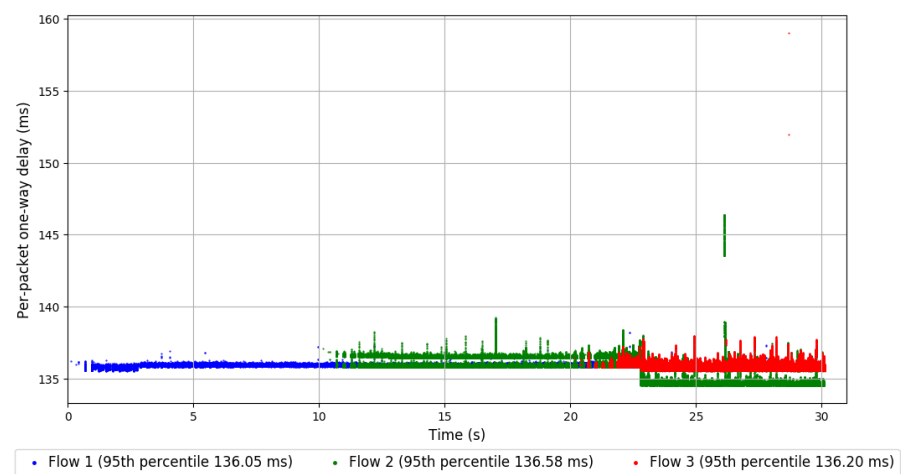
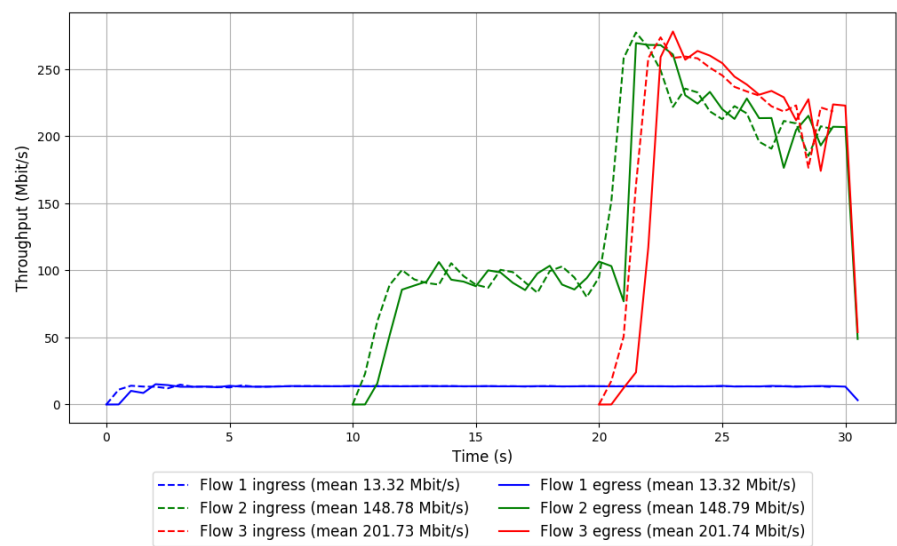


Run 4: Statistics of TaoVA-100x

Start at: 2018-07-04 17:32:26
End at: 2018-07-04 17:32:56
Local clock offset: 0.043 ms
Remote clock offset: -0.182 ms

Below is generated by plot.py at 2018-07-04 22:44:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 179.42 Mbit/s
95th percentile per-packet one-way delay: 136.558 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.32 Mbit/s
95th percentile per-packet one-way delay: 136.046 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 148.79 Mbit/s
95th percentile per-packet one-way delay: 136.584 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 201.74 Mbit/s
95th percentile per-packet one-way delay: 136.199 ms
Loss rate: 0.00%

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

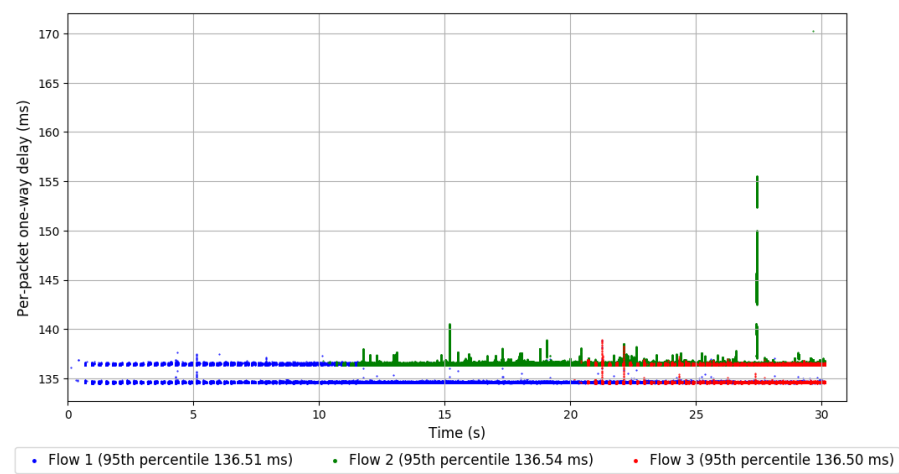
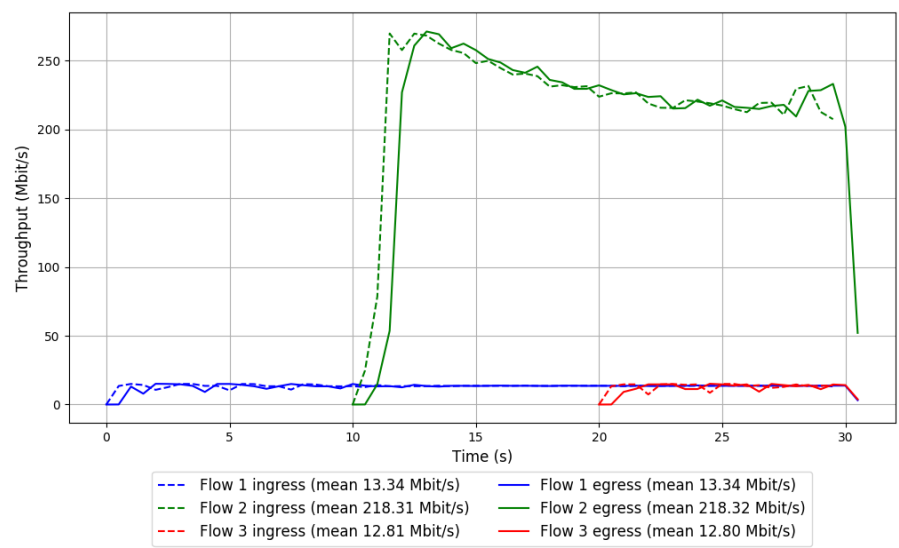


Run 5: Statistics of TaoVA-100x

Start at: 2018-07-04 17:59:18
End at: 2018-07-04 17:59:48
Local clock offset: -0.049 ms
Remote clock offset: -0.172 ms

Below is generated by plot.py at 2018-07-04 22:44:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 163.02 Mbit/s
95th percentile per-packet one-way delay: 136.538 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.34 Mbit/s
95th percentile per-packet one-way delay: 136.515 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 218.32 Mbit/s
95th percentile per-packet one-way delay: 136.542 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.80 Mbit/s
95th percentile per-packet one-way delay: 136.503 ms
Loss rate: 0.03%

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

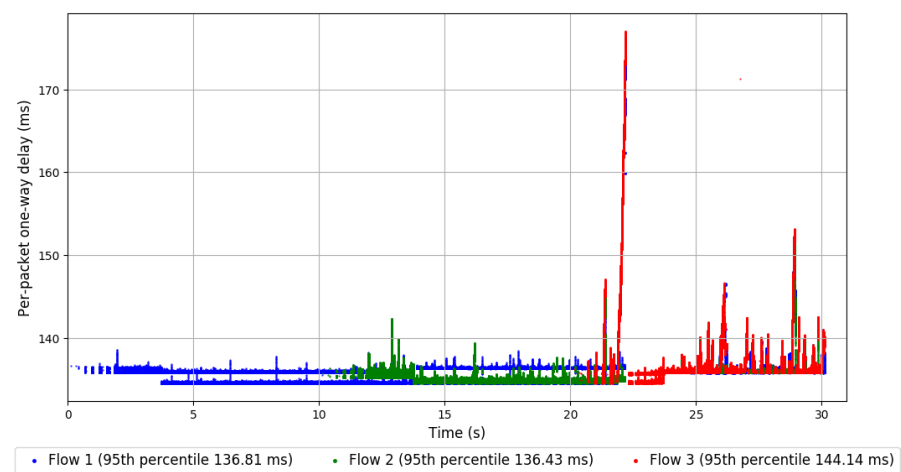
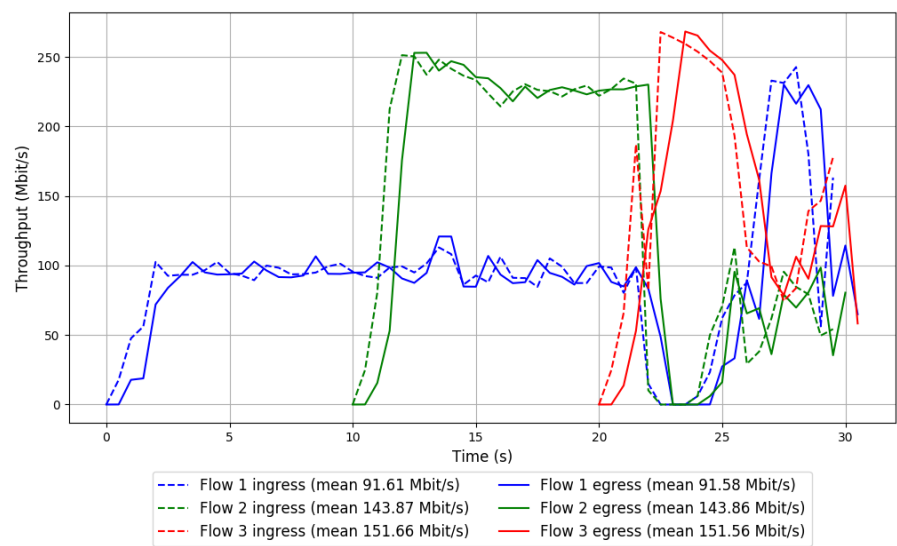


Run 6: Statistics of TaoVA-100x

Start at: 2018-07-04 18:26:15
End at: 2018-07-04 18:26:45
Local clock offset: -0.088 ms
Remote clock offset: -0.212 ms

Below is generated by plot.py at 2018-07-04 22:44:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 236.95 Mbit/s
95th percentile per-packet one-way delay: 138.795 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 91.58 Mbit/s
95th percentile per-packet one-way delay: 136.809 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 143.86 Mbit/s
95th percentile per-packet one-way delay: 136.429 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 151.56 Mbit/s
95th percentile per-packet one-way delay: 144.141 ms
Loss rate: 0.07%

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

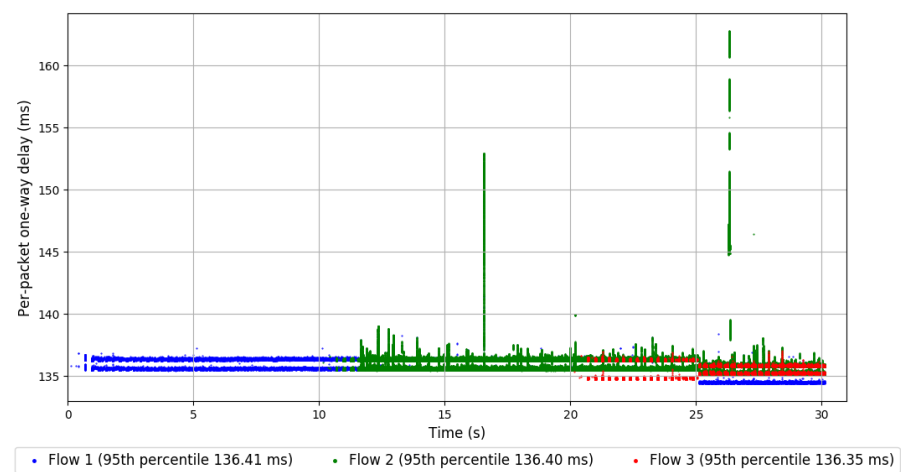
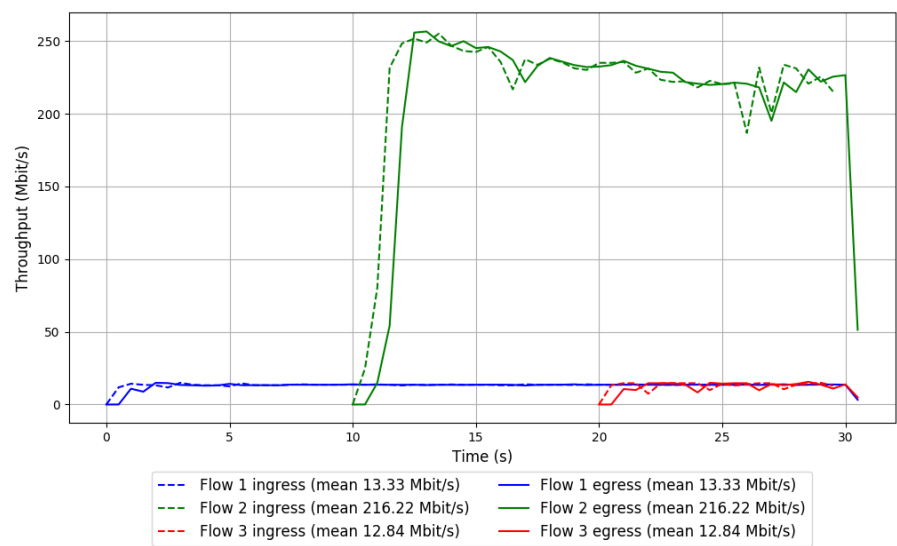


Run 7: Statistics of TaoVA-100x

Start at: 2018-07-04 18:53:13
End at: 2018-07-04 18:53:43
Local clock offset: -0.009 ms
Remote clock offset: -0.235 ms

Below is generated by plot.py at 2018-07-04 22:44:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 161.62 Mbit/s
95th percentile per-packet one-way delay: 136.396 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.33 Mbit/s
95th percentile per-packet one-way delay: 136.415 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 216.22 Mbit/s
95th percentile per-packet one-way delay: 136.395 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.84 Mbit/s
95th percentile per-packet one-way delay: 136.347 ms
Loss rate: 0.00%

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

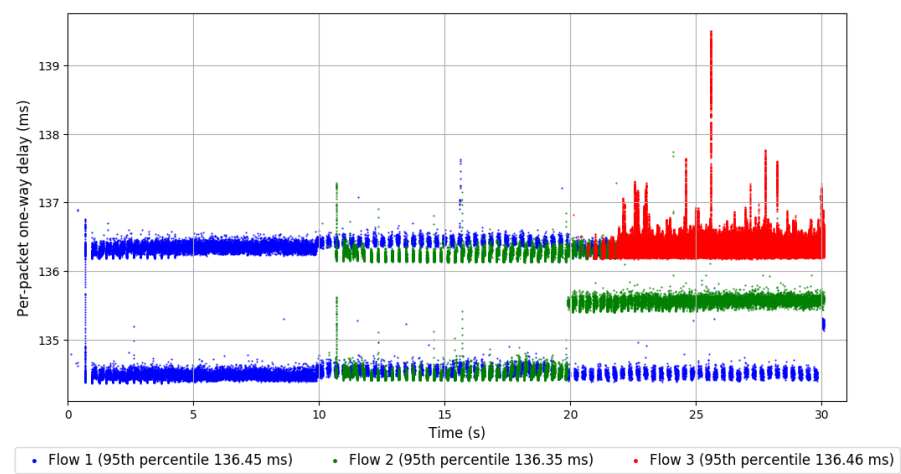
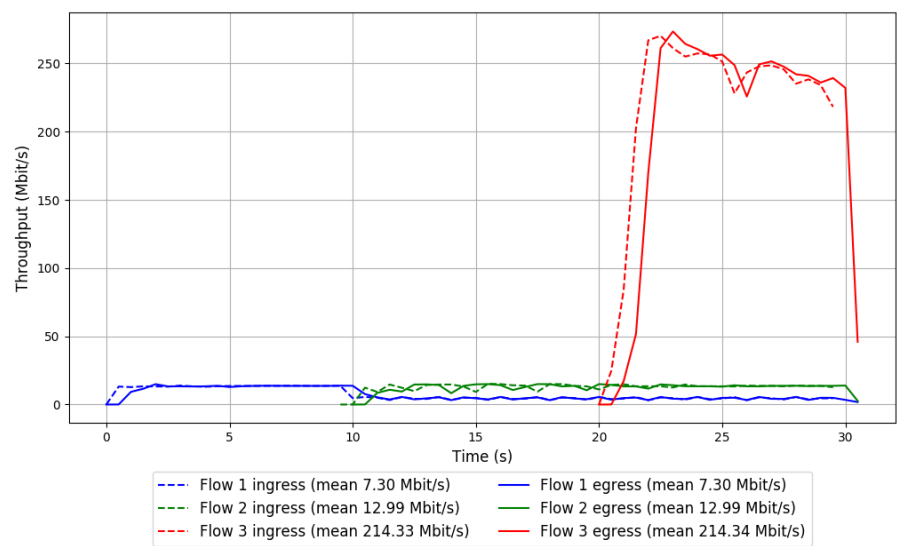


Run 8: Statistics of TaoVA-100x

Start at: 2018-07-04 19:19:58
End at: 2018-07-04 19:20:28
Local clock offset: 0.019 ms
Remote clock offset: -0.195 ms

Below is generated by plot.py at 2018-07-04 22:44:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.20 Mbit/s
95th percentile per-packet one-way delay: 136.449 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 7.30 Mbit/s
95th percentile per-packet one-way delay: 136.451 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 12.99 Mbit/s
95th percentile per-packet one-way delay: 136.348 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 214.34 Mbit/s
95th percentile per-packet one-way delay: 136.457 ms
Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-07-04 19:46:40

End at: 2018-07-04 19:47:10

Local clock offset: -0.069 ms

Remote clock offset: -0.14 ms

Below is generated by plot.py at 2018-07-04 22:44:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 26.16 Mbit/s

95th percentile per-packet one-way delay: 136.613 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 13.18 Mbit/s

95th percentile per-packet one-way delay: 136.610 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 13.21 Mbit/s

95th percentile per-packet one-way delay: 136.631 ms

Loss rate: 0.00%

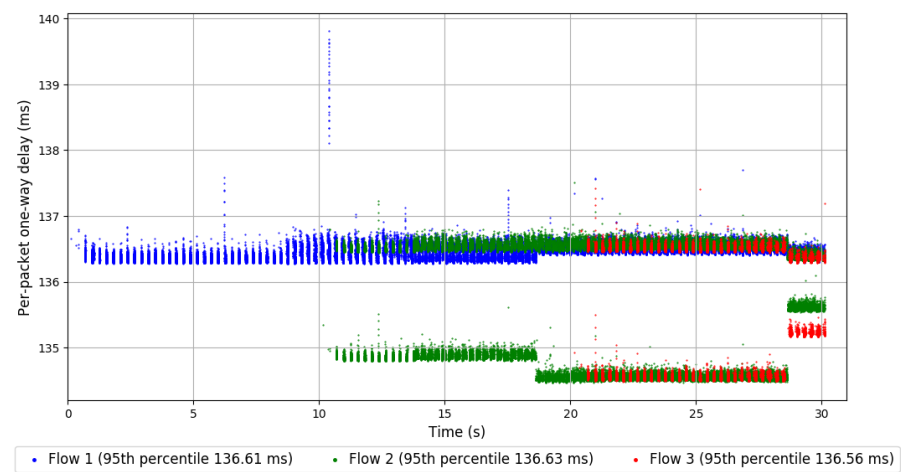
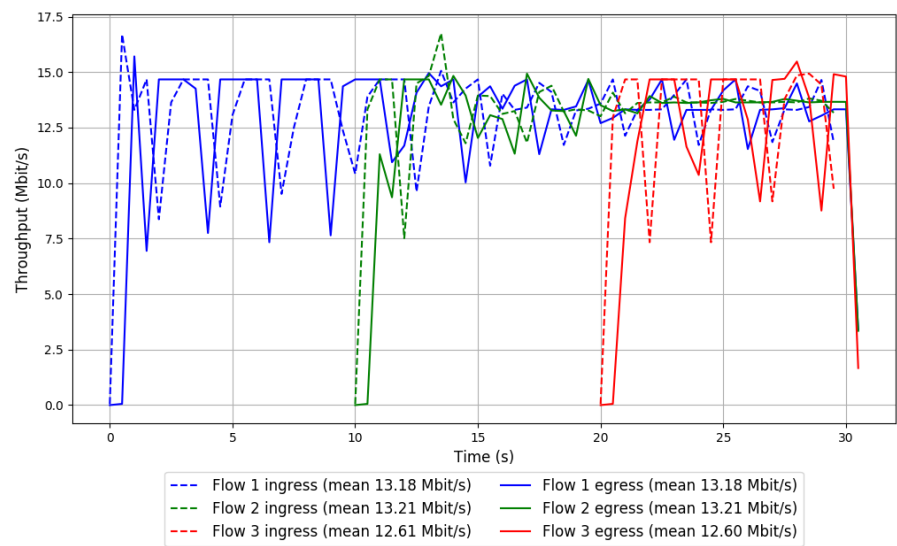
-- Flow 3:

Average throughput: 12.60 Mbit/s

95th percentile per-packet one-way delay: 136.564 ms

Loss rate: 0.05%

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

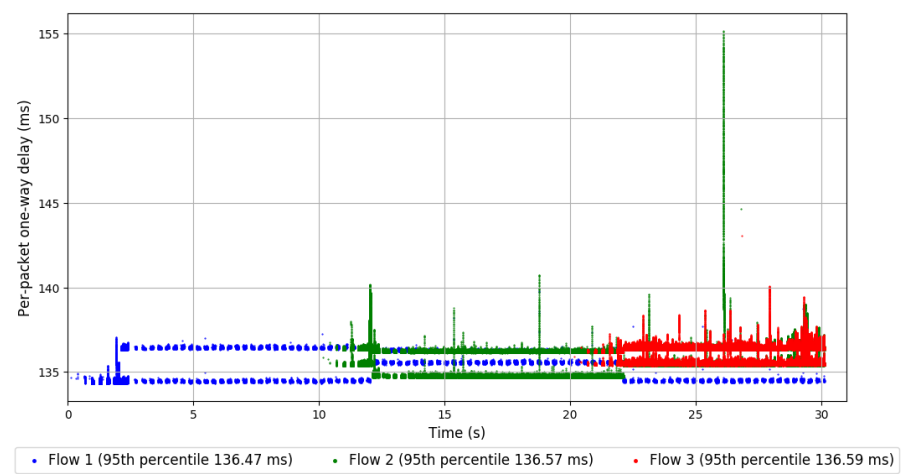
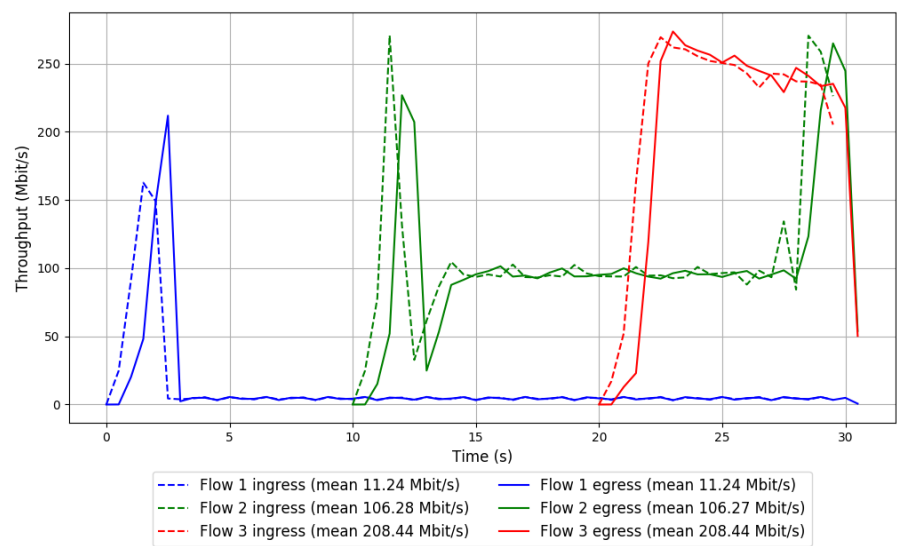


Run 10: Statistics of TaoVA-100x

Start at: 2018-07-04 20:13:06
End at: 2018-07-04 20:13:36
Local clock offset: 0.125 ms
Remote clock offset: -0.042 ms

Below is generated by plot.py at 2018-07-04 22:44:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 151.29 Mbit/s
95th percentile per-packet one-way delay: 136.569 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.24 Mbit/s
95th percentile per-packet one-way delay: 136.466 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 106.27 Mbit/s
95th percentile per-packet one-way delay: 136.568 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 208.44 Mbit/s
95th percentile per-packet one-way delay: 136.588 ms
Loss rate: 0.00%

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

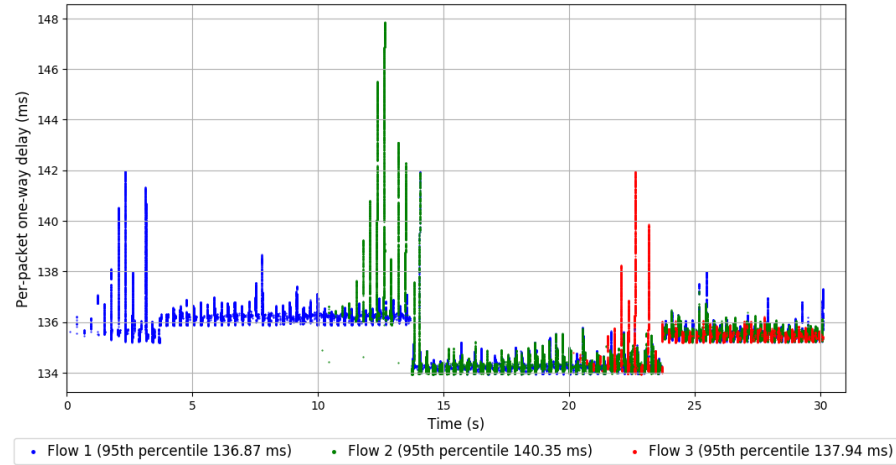
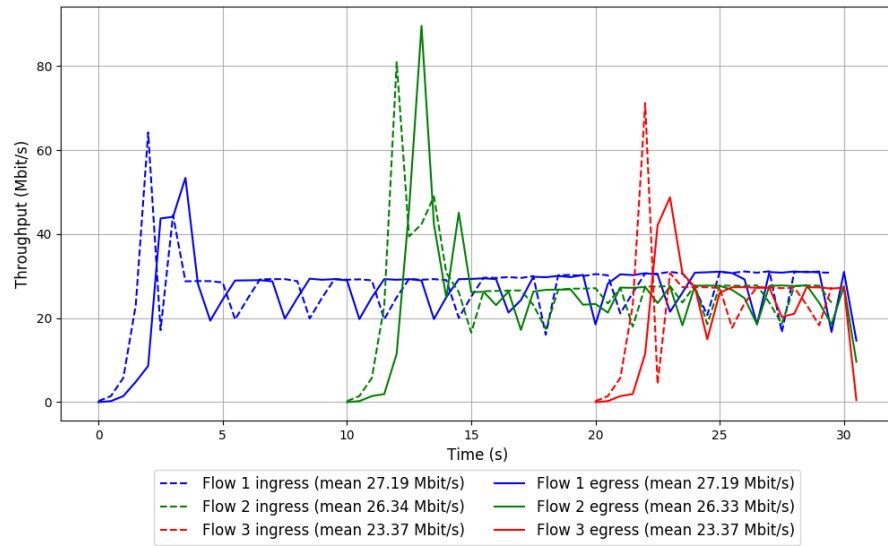


Run 1: Statistics of TCP Vegas

Start at: 2018-07-04 16:27:25
End at: 2018-07-04 16:27:55
Local clock offset: 0.167 ms
Remote clock offset: -0.569 ms

Below is generated by plot.py at 2018-07-04 22:44:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 52.47 Mbit/s
95th percentile per-packet one-way delay: 138.116 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 27.19 Mbit/s
95th percentile per-packet one-way delay: 136.865 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 26.33 Mbit/s
95th percentile per-packet one-way delay: 140.348 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.37 Mbit/s
95th percentile per-packet one-way delay: 137.945 ms
Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

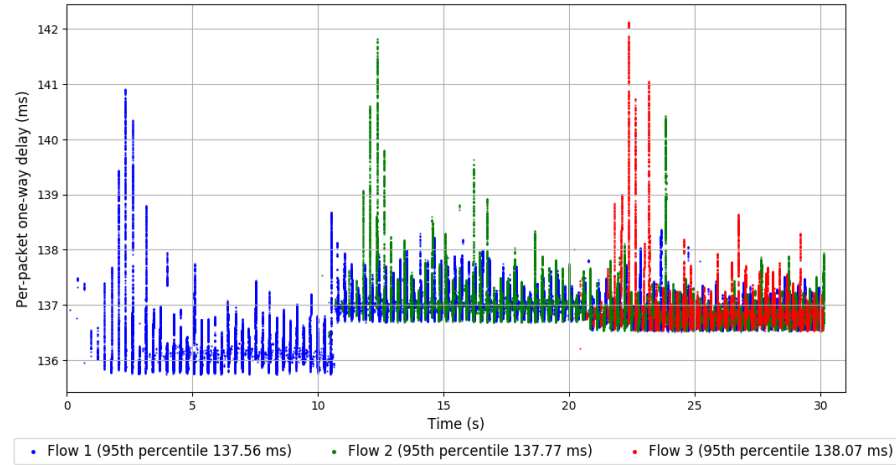
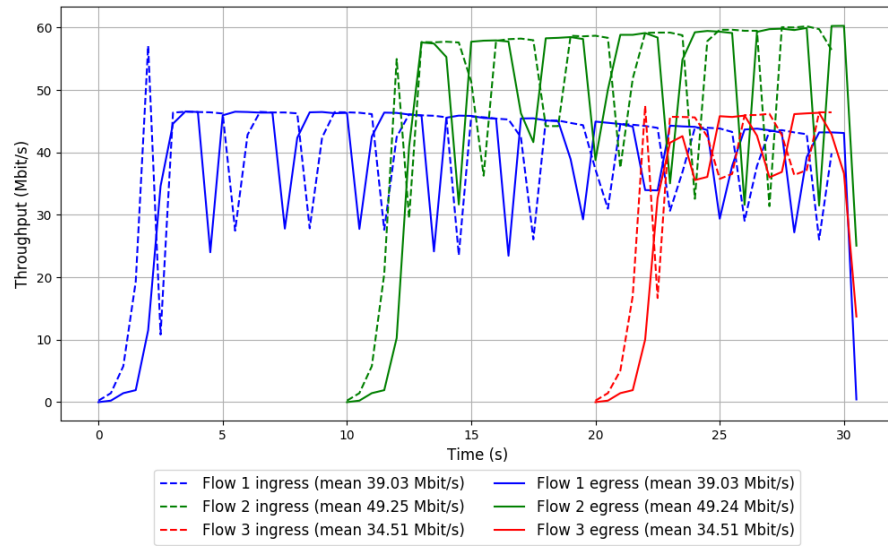


Run 2: Statistics of TCP Vegas

Start at: 2018-07-04 16:54:28
End at: 2018-07-04 16:54:58
Local clock offset: -0.278 ms
Remote clock offset: -0.211 ms

Below is generated by plot.py at 2018-07-04 22:44:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.26 Mbit/s
95th percentile per-packet one-way delay: 137.671 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 39.03 Mbit/s
95th percentile per-packet one-way delay: 137.555 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 49.24 Mbit/s
95th percentile per-packet one-way delay: 137.771 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 34.51 Mbit/s
95th percentile per-packet one-way delay: 138.066 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

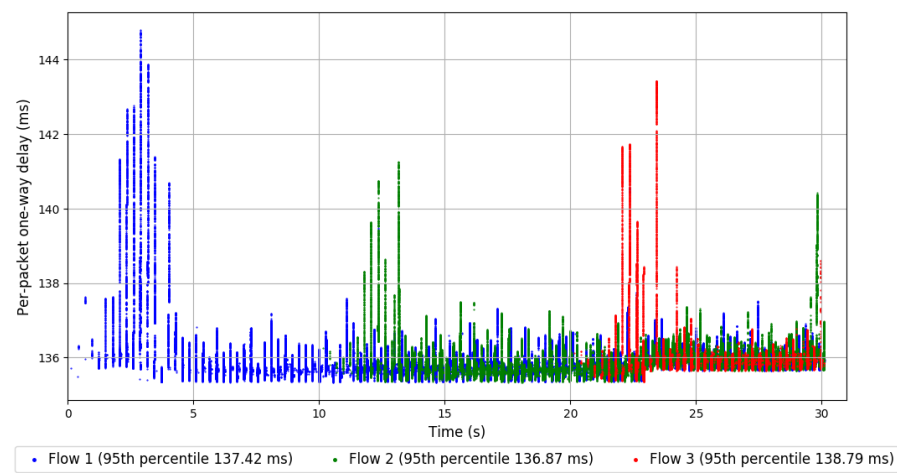
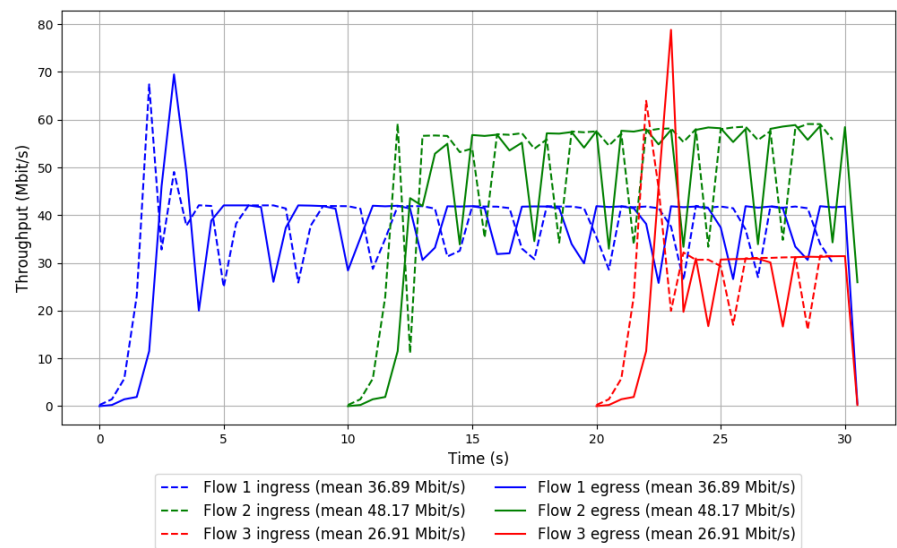


Run 3: Statistics of TCP Vegas

Start at: 2018-07-04 17:21:35
End at: 2018-07-04 17:22:05
Local clock offset: 0.203 ms
Remote clock offset: -0.212 ms

Below is generated by plot.py at 2018-07-04 22:44:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.86 Mbit/s
95th percentile per-packet one-way delay: 137.263 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 36.89 Mbit/s
95th percentile per-packet one-way delay: 137.422 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 48.17 Mbit/s
95th percentile per-packet one-way delay: 136.866 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 26.91 Mbit/s
95th percentile per-packet one-way delay: 138.794 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

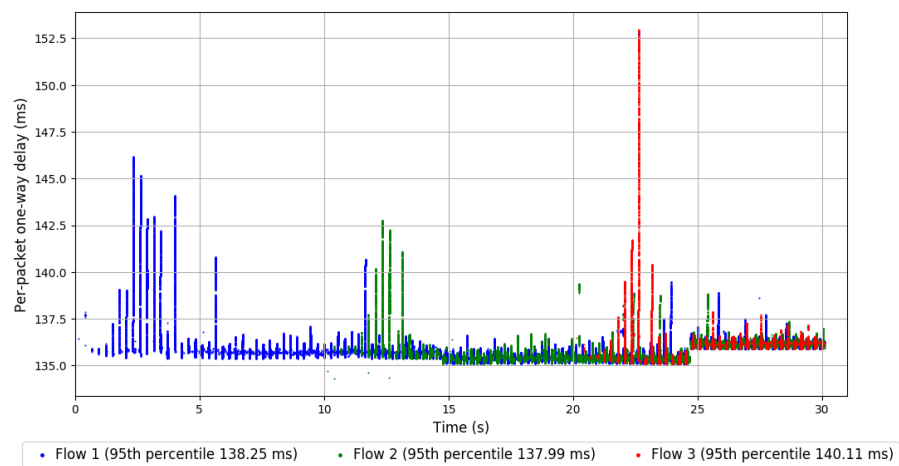
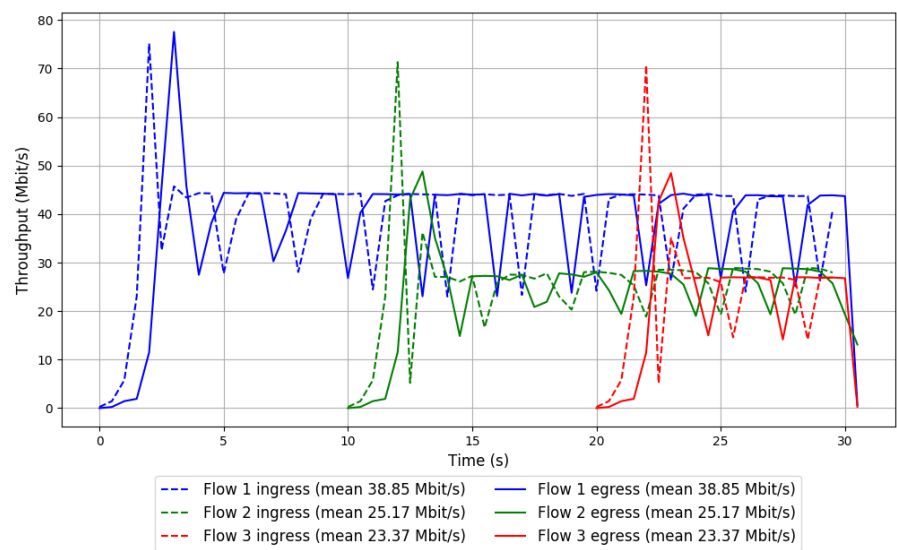


Run 4: Statistics of TCP Vegas

Start at: 2018-07-04 17:48:44
End at: 2018-07-04 17:49:14
Local clock offset: 0.045 ms
Remote clock offset: -0.588 ms

Below is generated by plot.py at 2018-07-04 22:44:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 63.36 Mbit/s
95th percentile per-packet one-way delay: 138.351 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 38.85 Mbit/s
95th percentile per-packet one-way delay: 138.248 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 25.17 Mbit/s
95th percentile per-packet one-way delay: 137.994 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.37 Mbit/s
95th percentile per-packet one-way delay: 140.114 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

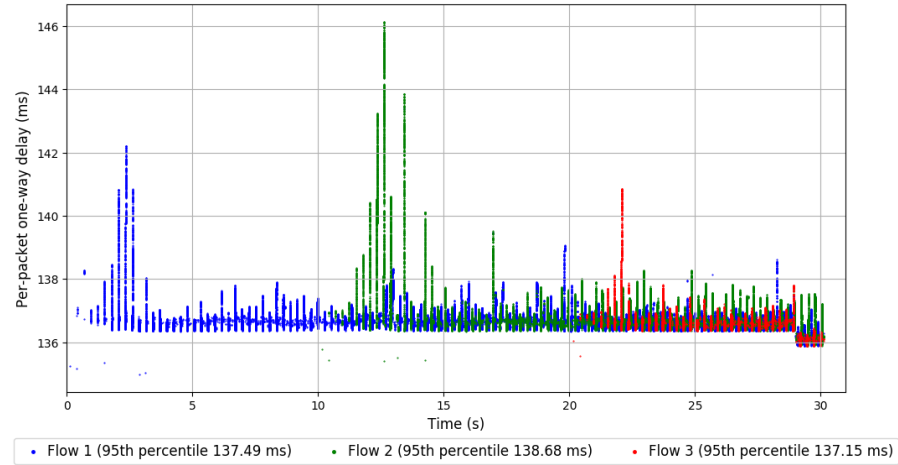
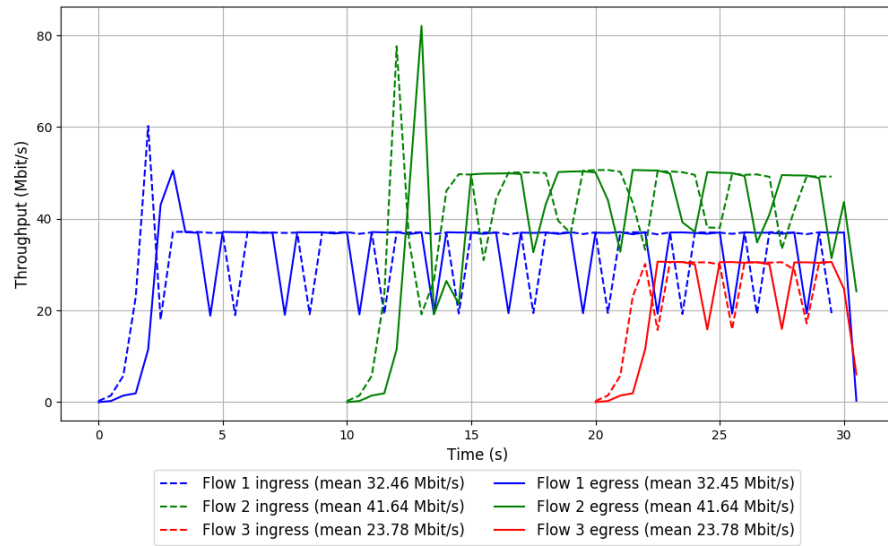


Run 5: Statistics of TCP Vegas

Start at: 2018-07-04 18:15:29
End at: 2018-07-04 18:15:59
Local clock offset: -0.123 ms
Remote clock offset: -0.185 ms

Below is generated by plot.py at 2018-07-04 22:44:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 68.08 Mbit/s
95th percentile per-packet one-way delay: 137.736 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 32.45 Mbit/s
95th percentile per-packet one-way delay: 137.492 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.64 Mbit/s
95th percentile per-packet one-way delay: 138.680 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.78 Mbit/s
95th percentile per-packet one-way delay: 137.150 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

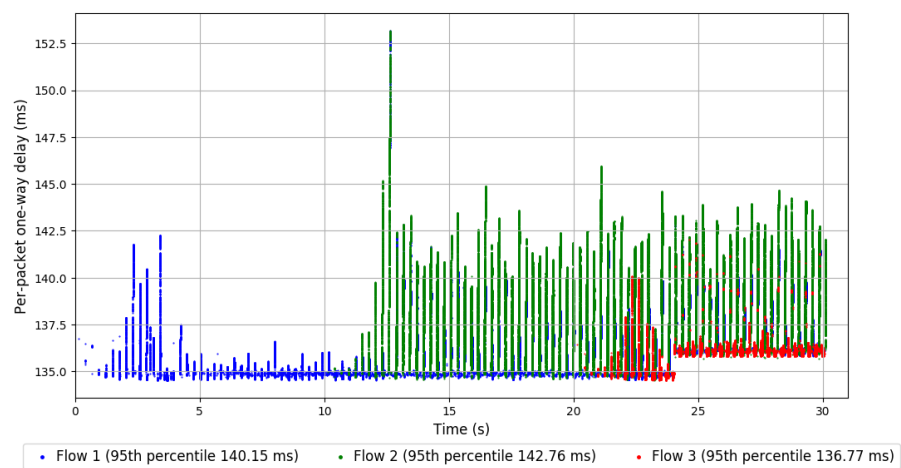
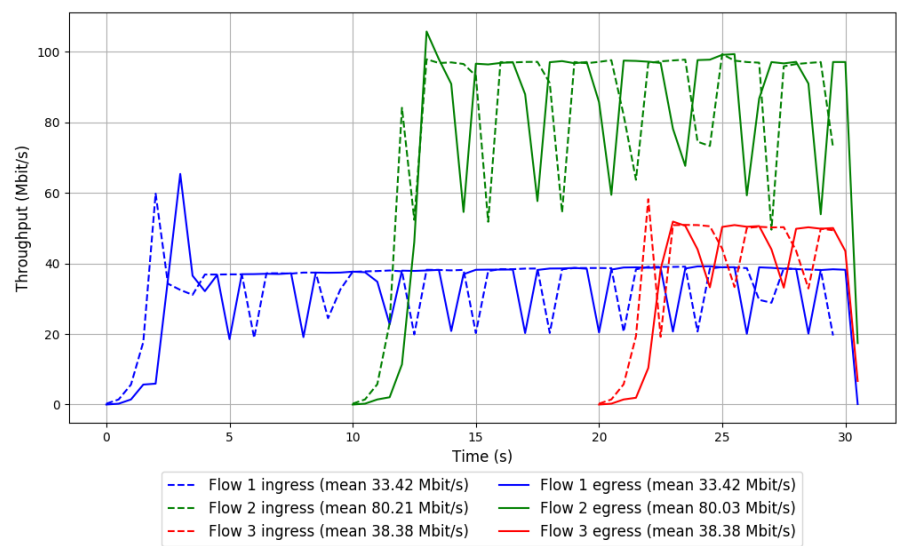


Run 6: Statistics of TCP Vegas

Start at: 2018-07-04 18:42:34
End at: 2018-07-04 18:43:04
Local clock offset: -0.061 ms
Remote clock offset: -0.201 ms

Below is generated by plot.py at 2018-07-04 22:44:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 99.38 Mbit/s
95th percentile per-packet one-way delay: 142.167 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 33.42 Mbit/s
95th percentile per-packet one-way delay: 140.145 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 80.03 Mbit/s
95th percentile per-packet one-way delay: 142.763 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 38.38 Mbit/s
95th percentile per-packet one-way delay: 136.771 ms
Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2018-07-04 19:09:15

End at: 2018-07-04 19:09:45

Local clock offset: 0.194 ms

Remote clock offset: -0.14 ms

Below is generated by plot.py at 2018-07-04 22:44:46

Datalink statistics

-- Total of 3 flows:

Average throughput: 74.91 Mbit/s

95th percentile per-packet one-way delay: 137.234 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 32.99 Mbit/s

95th percentile per-packet one-way delay: 137.176 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 46.68 Mbit/s

95th percentile per-packet one-way delay: 137.058 ms

Loss rate: 0.00%

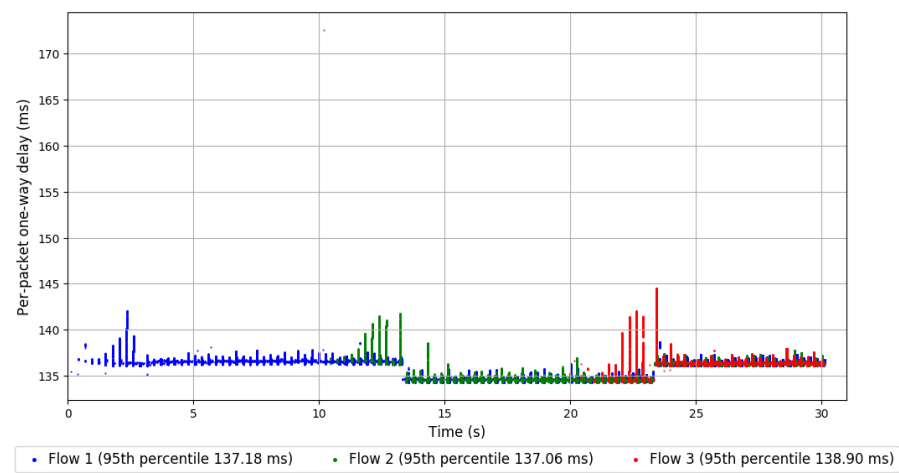
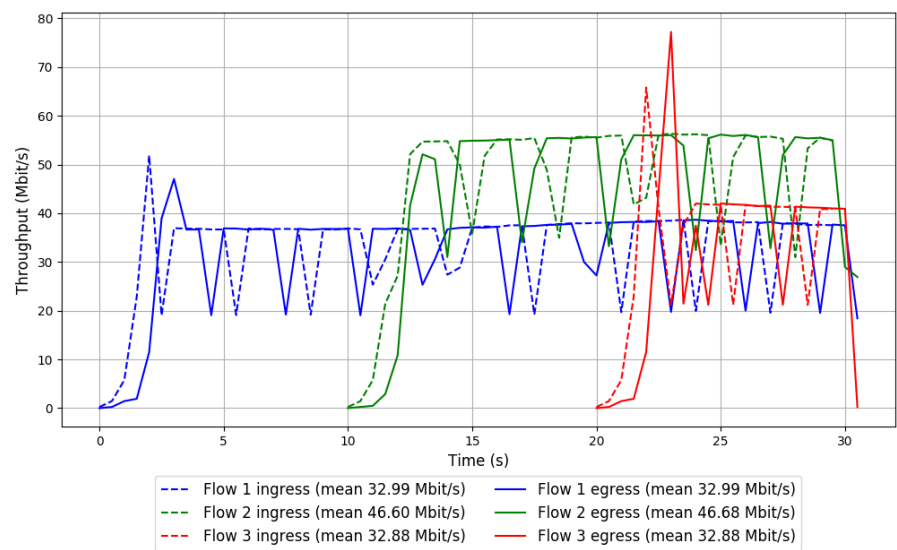
-- Flow 3:

Average throughput: 32.88 Mbit/s

95th percentile per-packet one-way delay: 138.900 ms

Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link

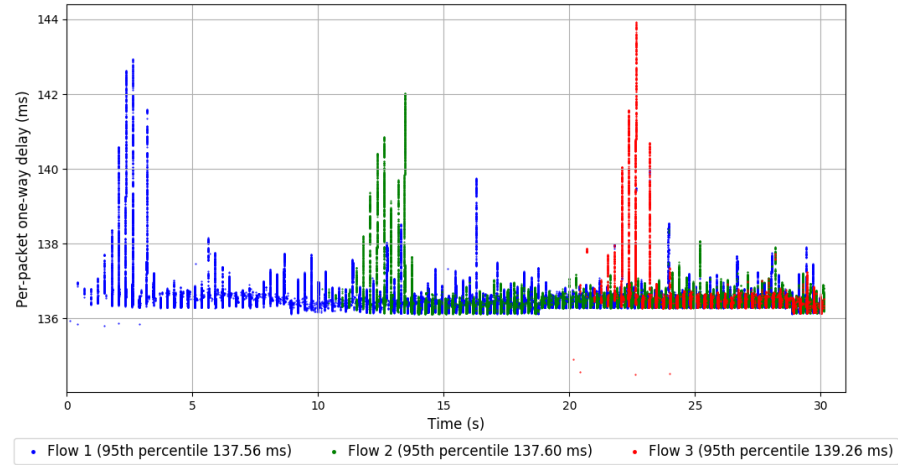
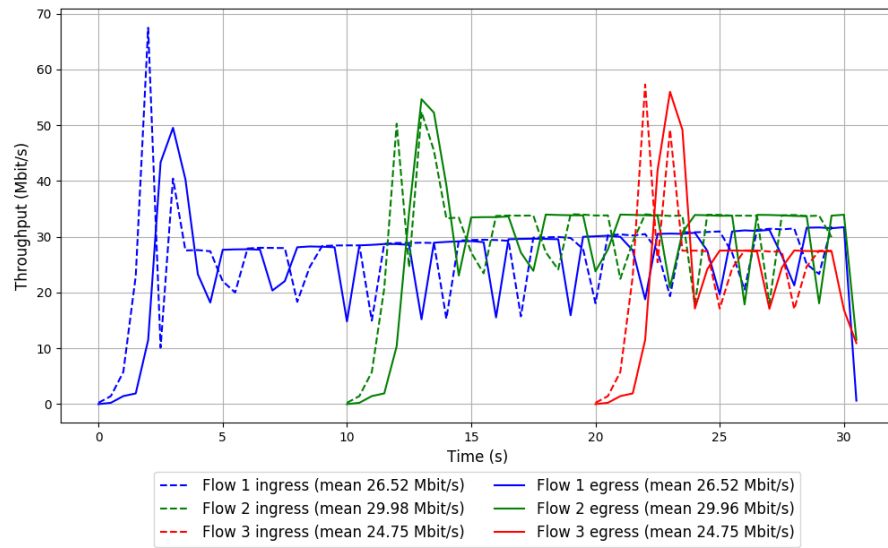


Run 8: Statistics of TCP Vegas

Start at: 2018-07-04 19:36:00
End at: 2018-07-04 19:36:30
Local clock offset: 0.127 ms
Remote clock offset: -0.124 ms

Below is generated by plot.py at 2018-07-04 22:44:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 54.68 Mbit/s
95th percentile per-packet one-way delay: 137.735 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 26.52 Mbit/s
95th percentile per-packet one-way delay: 137.558 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 29.96 Mbit/s
95th percentile per-packet one-way delay: 137.605 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 24.75 Mbit/s
95th percentile per-packet one-way delay: 139.262 ms
Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-07-04 20:02:33

End at: 2018-07-04 20:03:03

Local clock offset: -0.209 ms

Remote clock offset: -0.08 ms

Below is generated by plot.py at 2018-07-04 22:44:46

Datalink statistics

-- Total of 3 flows:

Average throughput: 68.70 Mbit/s

95th percentile per-packet one-way delay: 137.441 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 44.60 Mbit/s

95th percentile per-packet one-way delay: 137.233 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 20.43 Mbit/s

95th percentile per-packet one-way delay: 138.959 ms

Loss rate: 0.00%

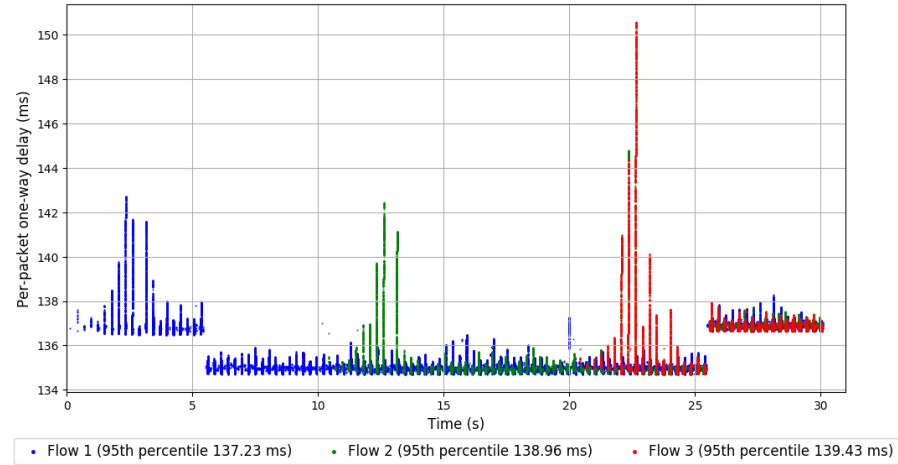
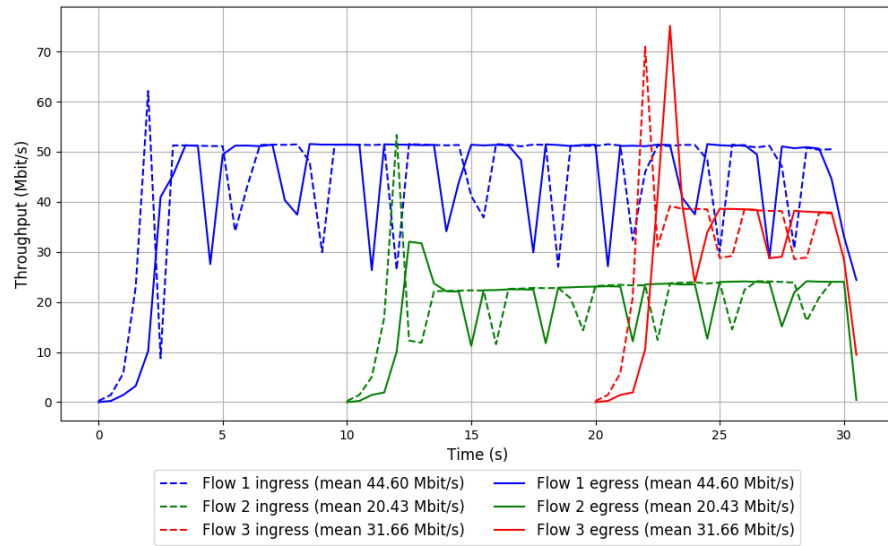
-- Flow 3:

Average throughput: 31.66 Mbit/s

95th percentile per-packet one-way delay: 139.434 ms

Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-07-04 20:29:11

End at: 2018-07-04 20:29:41

Local clock offset: 0.31 ms

Remote clock offset: 0.028 ms

Below is generated by plot.py at 2018-07-04 22:44:46

Datalink statistics

-- Total of 3 flows:

Average throughput: 49.03 Mbit/s

95th percentile per-packet one-way delay: 137.901 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 23.59 Mbit/s

95th percentile per-packet one-way delay: 137.024 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 25.85 Mbit/s

95th percentile per-packet one-way delay: 138.530 ms

Loss rate: 0.00%

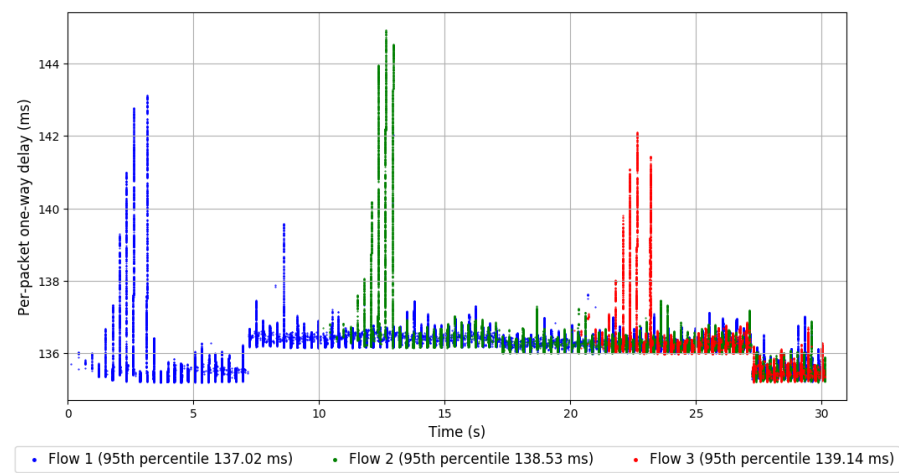
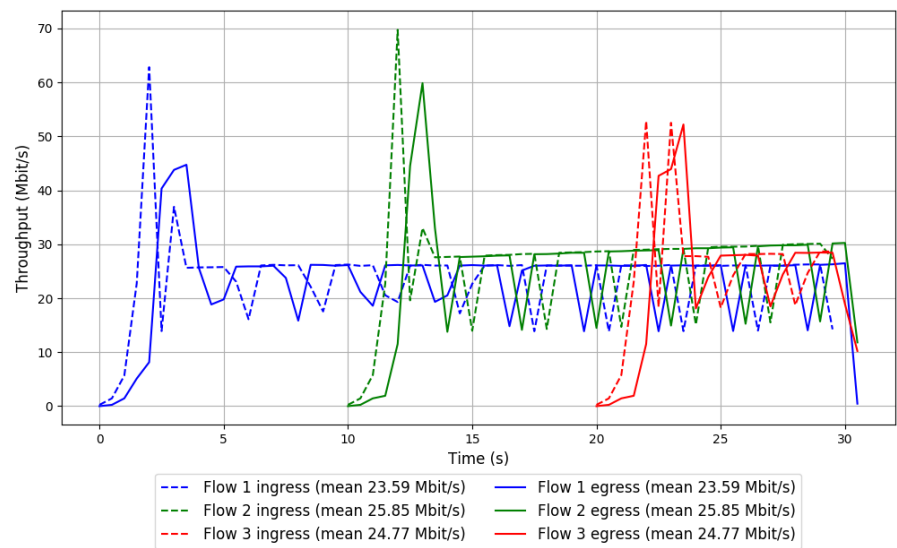
-- Flow 3:

Average throughput: 24.77 Mbit/s

95th percentile per-packet one-way delay: 139.137 ms

Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link

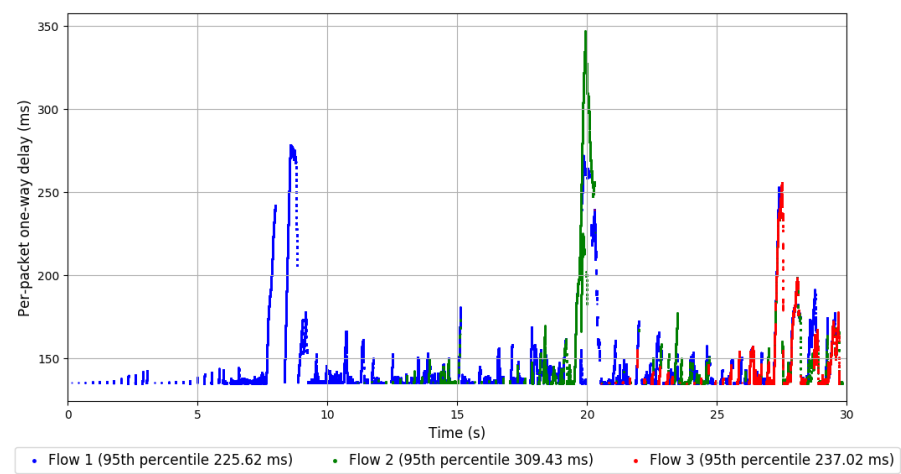
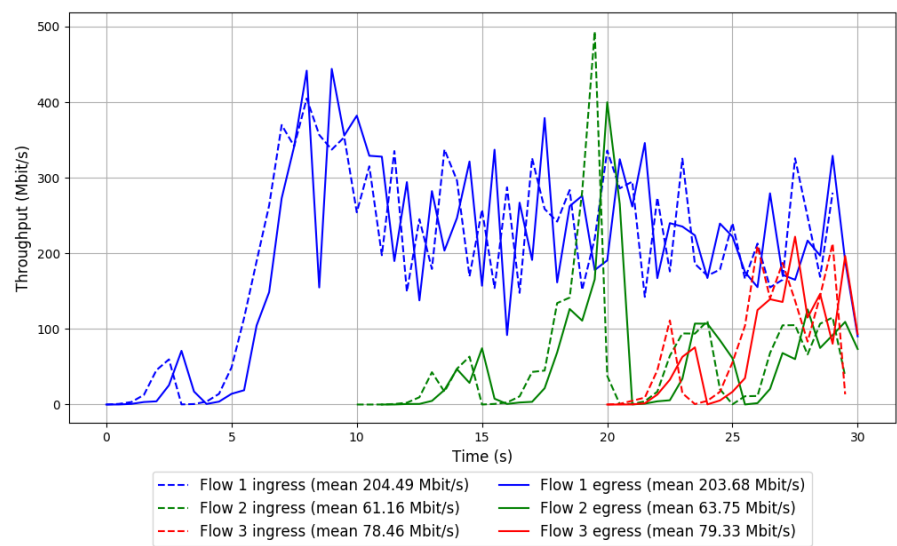


Run 1: Statistics of Verus

Start at: 2018-07-04 16:12:40
End at: 2018-07-04 16:13:10
Local clock offset: -0.125 ms
Remote clock offset: -0.592 ms

Below is generated by plot.py at 2018-07-04 22:48:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 267.98 Mbit/s
95th percentile per-packet one-way delay: 250.006 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 203.68 Mbit/s
95th percentile per-packet one-way delay: 225.616 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 63.75 Mbit/s
95th percentile per-packet one-way delay: 309.434 ms
Loss rate: 1.06%
-- Flow 3:
Average throughput: 79.33 Mbit/s
95th percentile per-packet one-way delay: 237.016 ms
Loss rate: 0.00%

Run 1: Report of Verus — Data Link

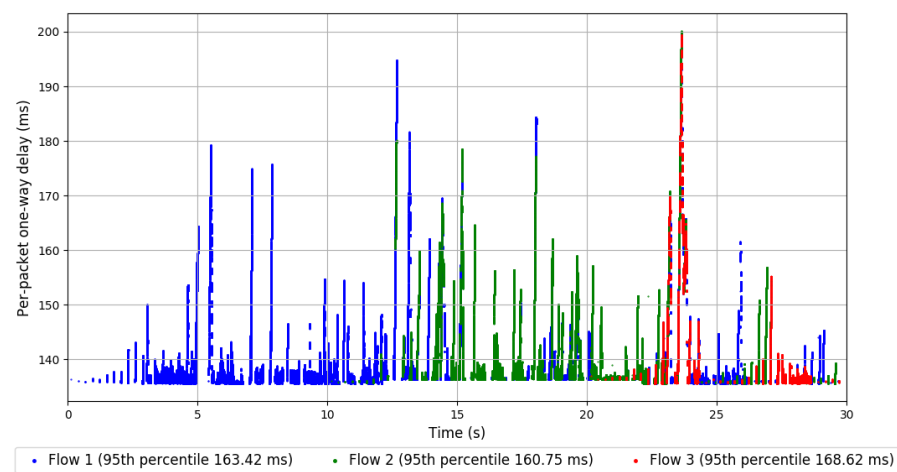
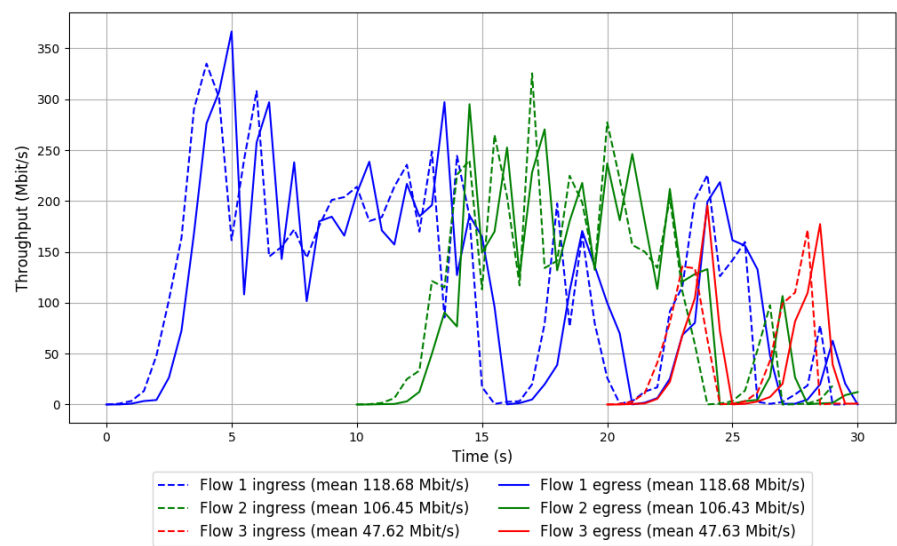


Run 2: Statistics of Verus

Start at: 2018-07-04 16:39:56
End at: 2018-07-04 16:40:26
Local clock offset: 0.066 ms
Remote clock offset: -0.239 ms

Below is generated by plot.py at 2018-07-04 22:48:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 203.72 Mbit/s
95th percentile per-packet one-way delay: 163.550 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 118.68 Mbit/s
95th percentile per-packet one-way delay: 163.424 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 106.43 Mbit/s
95th percentile per-packet one-way delay: 160.747 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 47.63 Mbit/s
95th percentile per-packet one-way delay: 168.625 ms
Loss rate: 0.00%

Run 2: Report of Verus — Data Link

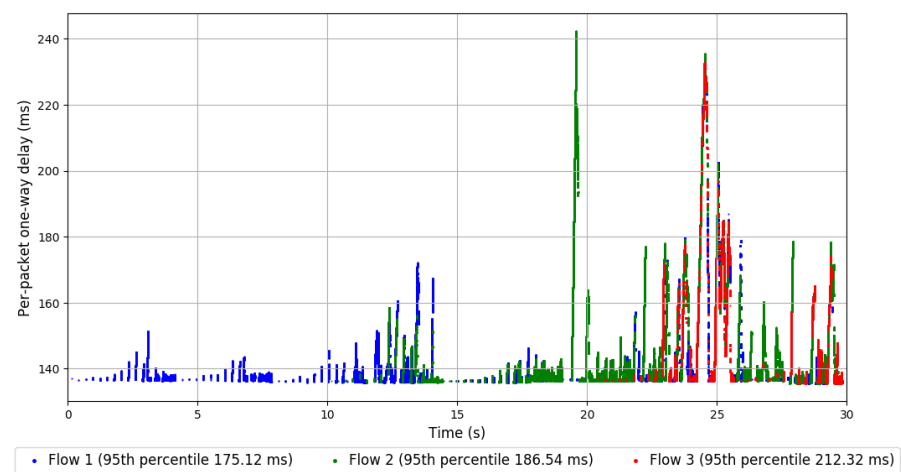
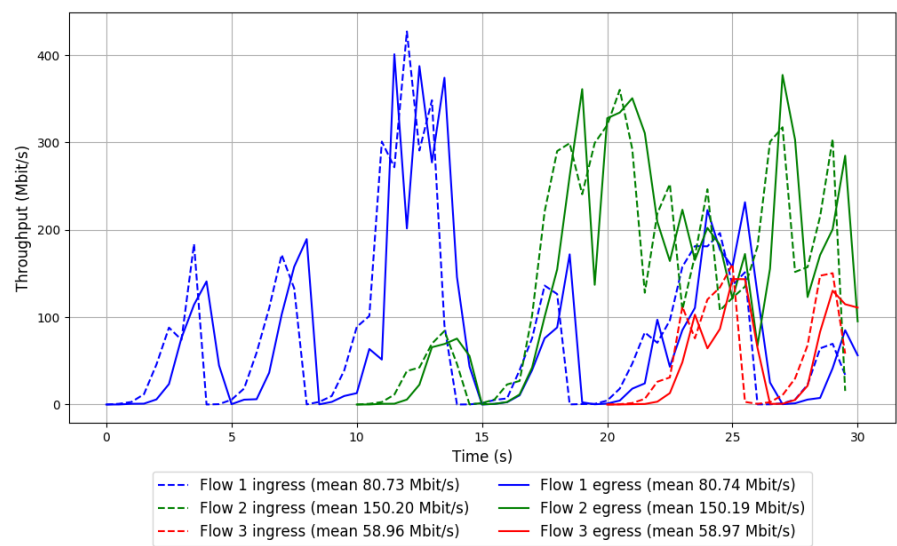


Run 3: Statistics of Verus

Start at: 2018-07-04 17:07:00
End at: 2018-07-04 17:07:30
Local clock offset: -0.121 ms
Remote clock offset: -0.223 ms

Below is generated by plot.py at 2018-07-04 22:48:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 199.47 Mbit/s
95th percentile per-packet one-way delay: 181.838 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.74 Mbit/s
95th percentile per-packet one-way delay: 175.116 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 150.19 Mbit/s
95th percentile per-packet one-way delay: 186.544 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 58.97 Mbit/s
95th percentile per-packet one-way delay: 212.316 ms
Loss rate: 0.00%

Run 3: Report of Verus — Data Link

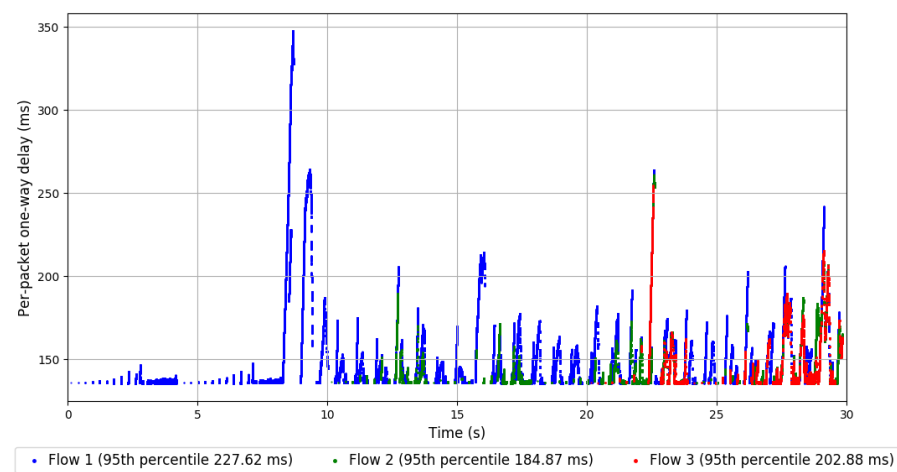
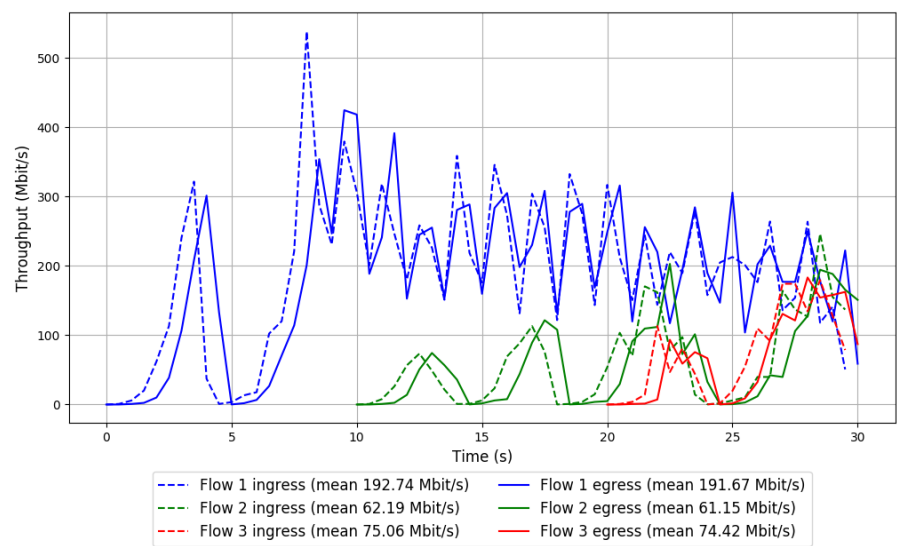


Run 4: Statistics of Verus

Start at: 2018-07-04 17:34:01
End at: 2018-07-04 17:34:31
Local clock offset: -0.189 ms
Remote clock offset: -0.578 ms

Below is generated by plot.py at 2018-07-04 22:48:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 255.68 Mbit/s
95th percentile per-packet one-way delay: 211.809 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 191.67 Mbit/s
95th percentile per-packet one-way delay: 227.617 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 61.15 Mbit/s
95th percentile per-packet one-way delay: 184.867 ms
Loss rate: 1.68%
-- Flow 3:
Average throughput: 74.42 Mbit/s
95th percentile per-packet one-way delay: 202.881 ms
Loss rate: 0.82%

Run 4: Report of Verus — Data Link

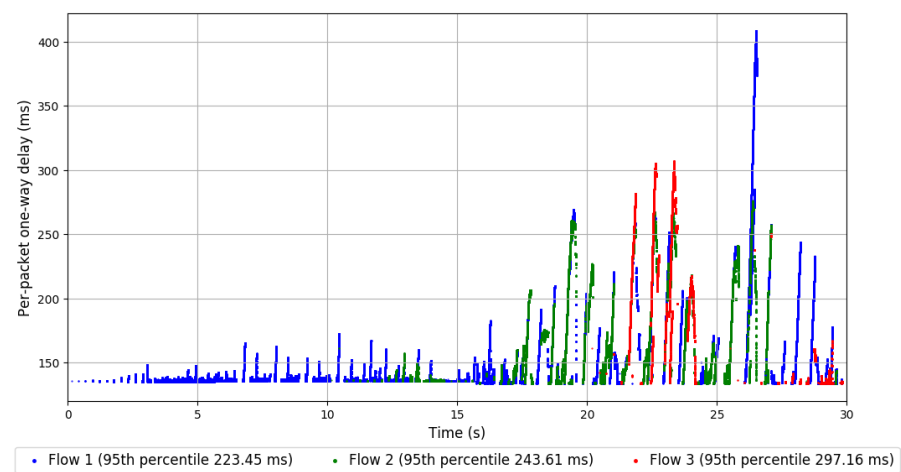
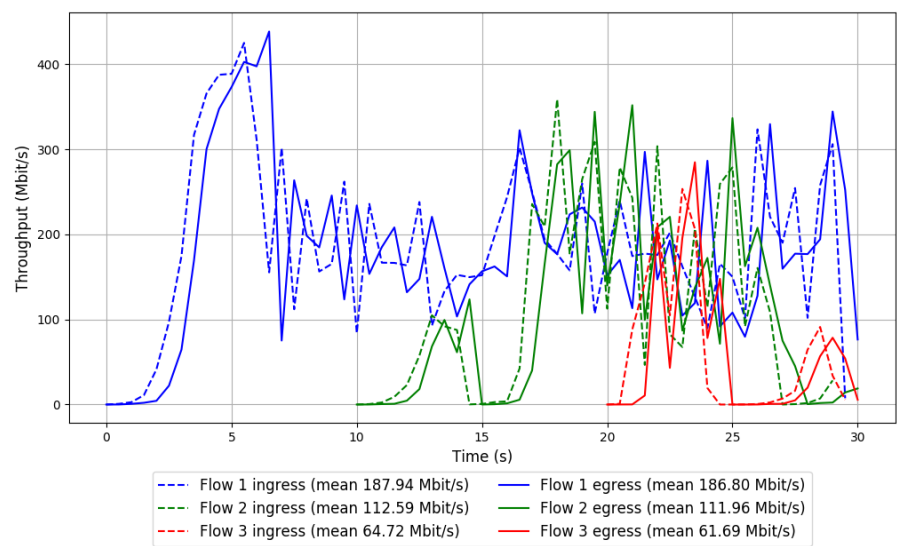


Run 5: Statistics of Verus

Start at: 2018-07-04 18:00:52
End at: 2018-07-04 18:01:22
Local clock offset: 0.055 ms
Remote clock offset: -0.523 ms

Below is generated by plot.py at 2018-07-04 22:48:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 280.01 Mbit/s
95th percentile per-packet one-way delay: 250.182 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 186.80 Mbit/s
95th percentile per-packet one-way delay: 223.448 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 111.96 Mbit/s
95th percentile per-packet one-way delay: 243.609 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 61.69 Mbit/s
95th percentile per-packet one-way delay: 297.156 ms
Loss rate: 4.93%

Run 5: Report of Verus — Data Link

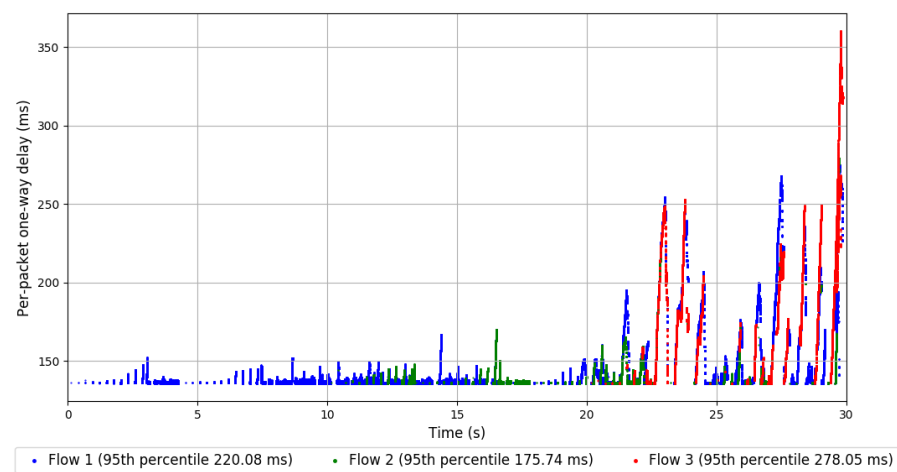
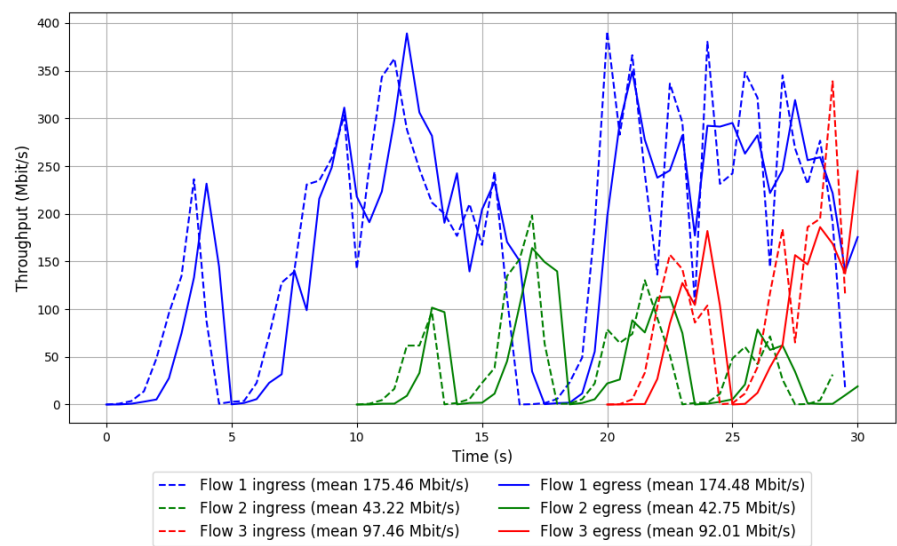


Run 6: Statistics of Verus

Start at: 2018-07-04 18:27:57
End at: 2018-07-04 18:28:27
Local clock offset: 0.026 ms
Remote clock offset: -0.205 ms

Below is generated by plot.py at 2018-07-04 22:48:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 232.63 Mbit/s
95th percentile per-packet one-way delay: 229.846 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 174.48 Mbit/s
95th percentile per-packet one-way delay: 220.079 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 42.75 Mbit/s
95th percentile per-packet one-way delay: 175.741 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 92.01 Mbit/s
95th percentile per-packet one-way delay: 278.051 ms
Loss rate: 5.16%

Run 6: Report of Verus — Data Link

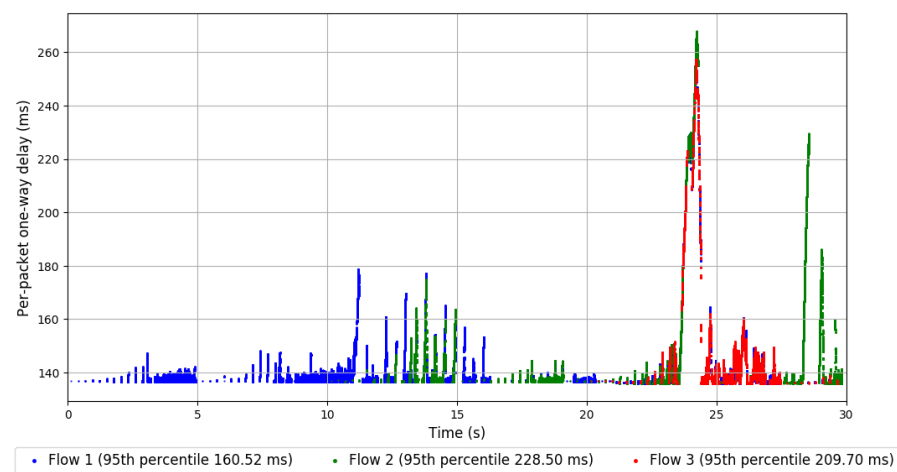
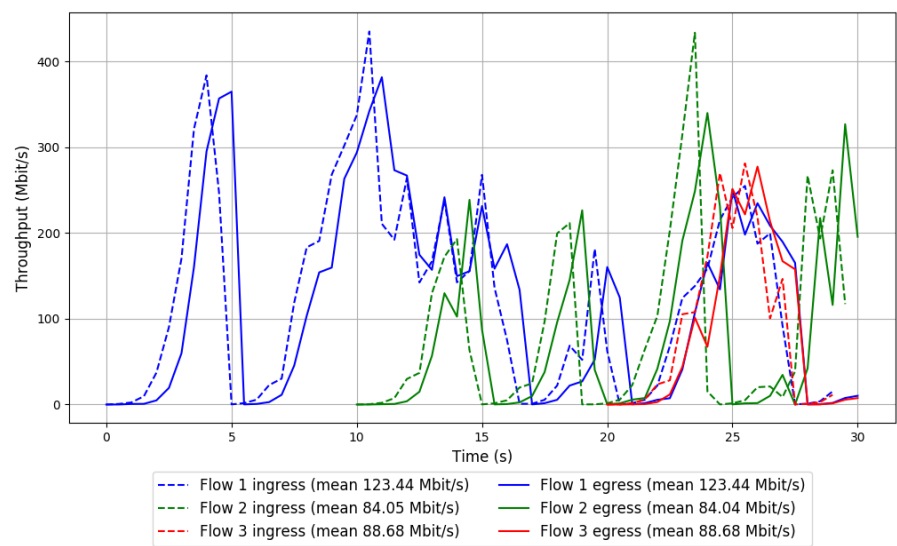


Run 7: Statistics of Verus

Start at: 2018-07-04 18:54:47
End at: 2018-07-04 18:55:17
Local clock offset: -0.238 ms
Remote clock offset: -0.243 ms

Below is generated by plot.py at 2018-07-04 22:48:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 206.68 Mbit/s
95th percentile per-packet one-way delay: 218.236 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 123.44 Mbit/s
95th percentile per-packet one-way delay: 160.520 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 84.04 Mbit/s
95th percentile per-packet one-way delay: 228.504 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 88.68 Mbit/s
95th percentile per-packet one-way delay: 209.699 ms
Loss rate: 0.00%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2018-07-04 19:21:23

End at: 2018-07-04 19:21:53

Local clock offset: -0.098 ms

Remote clock offset: -0.16 ms

Below is generated by plot.py at 2018-07-04 22:48:54

Datalink statistics

-- Total of 3 flows:

Average throughput: 200.79 Mbit/s

95th percentile per-packet one-way delay: 187.366 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 140.49 Mbit/s

95th percentile per-packet one-way delay: 193.729 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 83.08 Mbit/s

95th percentile per-packet one-way delay: 173.364 ms

Loss rate: 0.00%

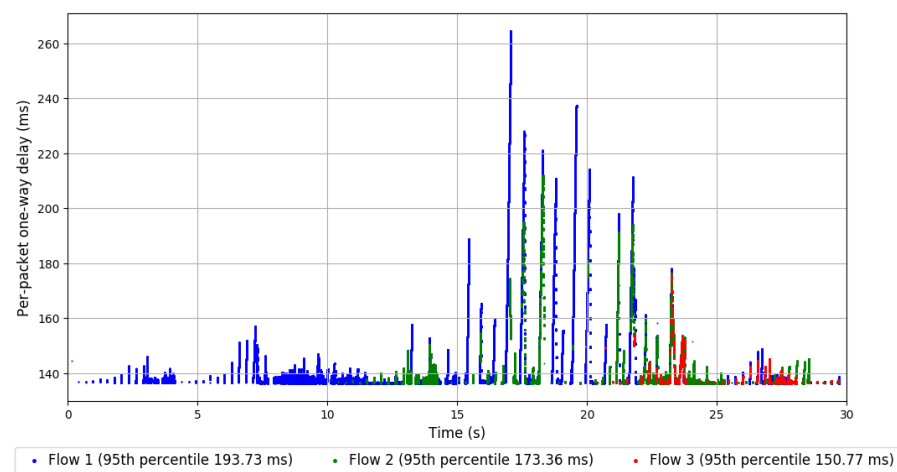
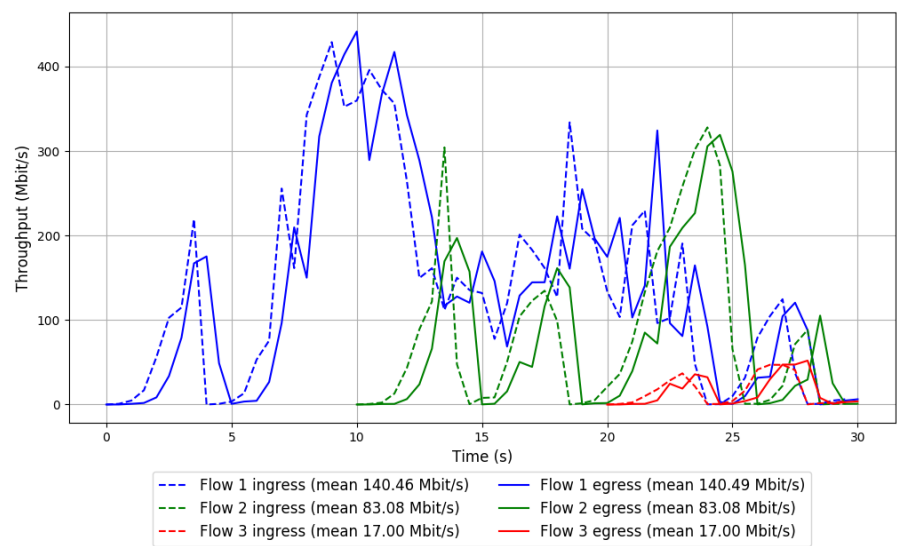
-- Flow 3:

Average throughput: 17.00 Mbit/s

95th percentile per-packet one-way delay: 150.766 ms

Loss rate: 0.00%

Run 8: Report of Verus — Data Link

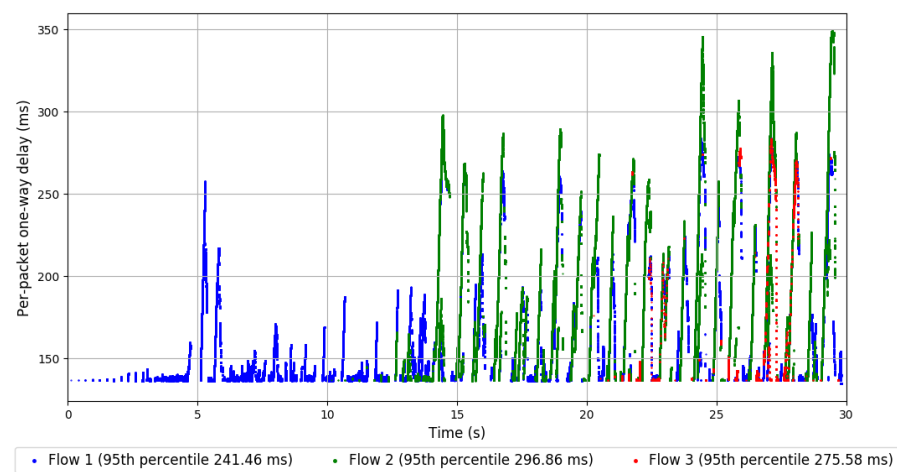
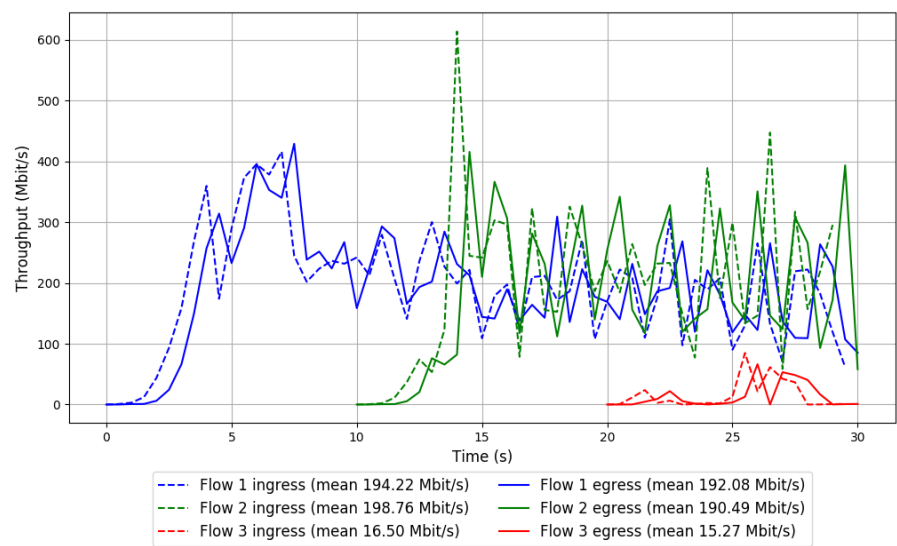


Run 9: Statistics of Verus

Start at: 2018-07-04 19:47:58
End at: 2018-07-04 19:48:28
Local clock offset: -0.081 ms
Remote clock offset: -0.146 ms

Below is generated by plot.py at 2018-07-04 22:52:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 321.62 Mbit/s
95th percentile per-packet one-way delay: 272.337 ms
Loss rate: 2.29%
-- Flow 1:
Average throughput: 192.08 Mbit/s
95th percentile per-packet one-way delay: 241.463 ms
Loss rate: 1.09%
-- Flow 2:
Average throughput: 190.49 Mbit/s
95th percentile per-packet one-way delay: 296.856 ms
Loss rate: 3.85%
-- Flow 3:
Average throughput: 15.27 Mbit/s
95th percentile per-packet one-way delay: 275.585 ms
Loss rate: 7.84%

Run 9: Report of Verus — Data Link

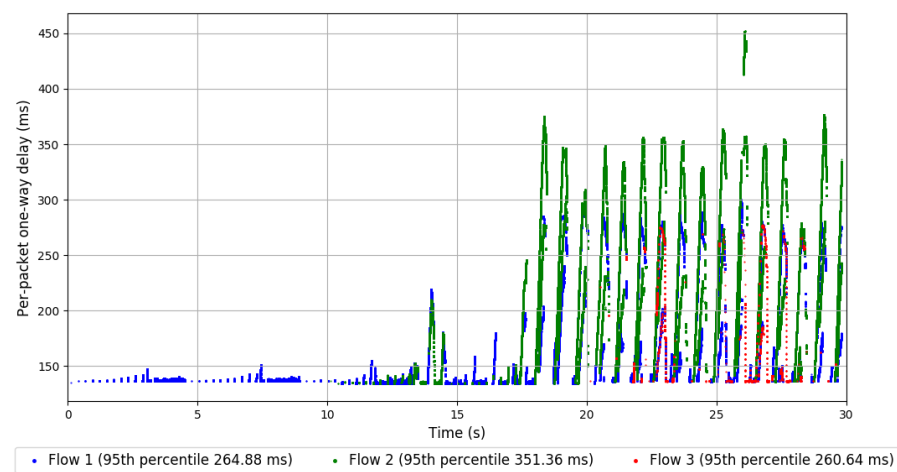
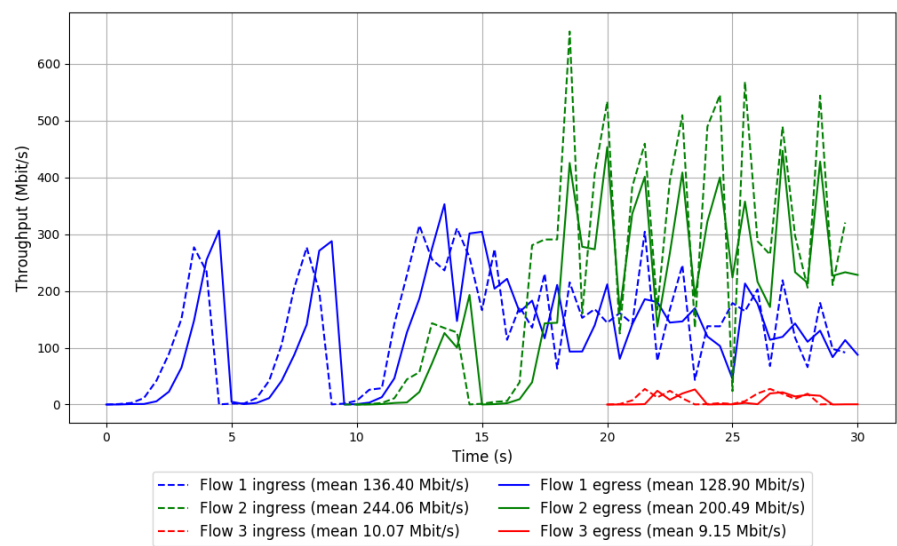


Run 10: Statistics of Verus

Start at: 2018-07-04 20:14:38
End at: 2018-07-04 20:15:08
Local clock offset: -0.013 ms
Remote clock offset: -0.407 ms

Below is generated by plot.py at 2018-07-04 22:52:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 264.76 Mbit/s
95th percentile per-packet one-way delay: 340.007 ms
Loss rate: 12.17%
-- Flow 1:
Average throughput: 128.90 Mbit/s
95th percentile per-packet one-way delay: 264.885 ms
Loss rate: 5.50%
-- Flow 2:
Average throughput: 200.49 Mbit/s
95th percentile per-packet one-way delay: 351.361 ms
Loss rate: 17.85%
-- Flow 3:
Average throughput: 9.15 Mbit/s
95th percentile per-packet one-way delay: 260.641 ms
Loss rate: 8.91%

Run 10: Report of Verus — Data Link

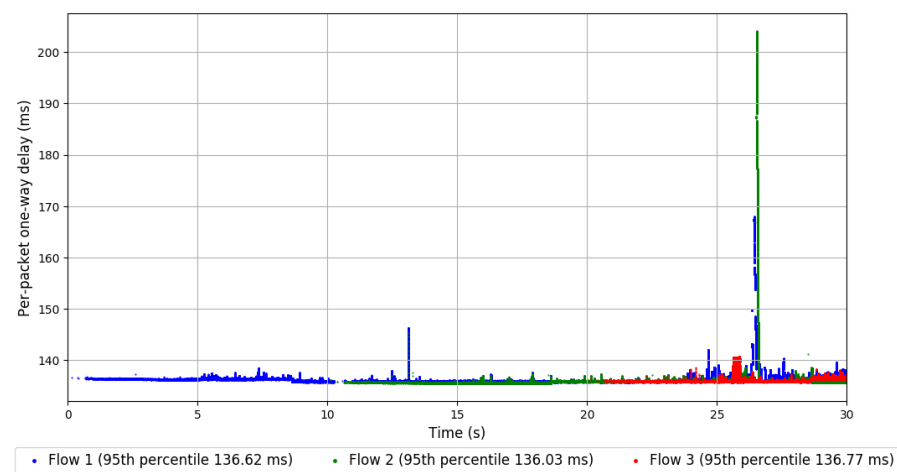
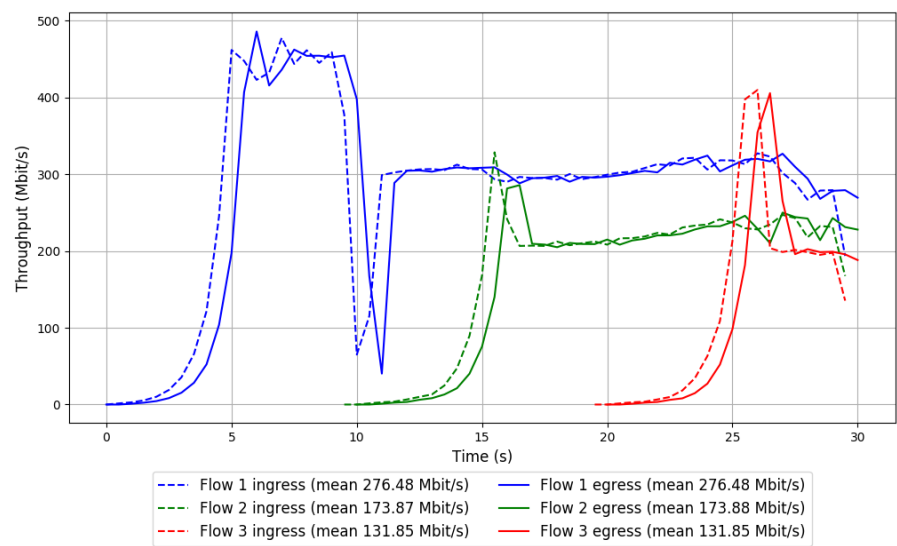


Run 1: Statistics of PCC-Vivace

Start at: 2018-07-04 16:20:20
End at: 2018-07-04 16:20:50
Local clock offset: 0.023 ms
Remote clock offset: -0.241 ms

Below is generated by plot.py at 2018-07-04 22:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 435.78 Mbit/s
95th percentile per-packet one-way delay: 136.589 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 276.48 Mbit/s
95th percentile per-packet one-way delay: 136.615 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 173.88 Mbit/s
95th percentile per-packet one-way delay: 136.029 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 131.85 Mbit/s
95th percentile per-packet one-way delay: 136.773 ms
Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link

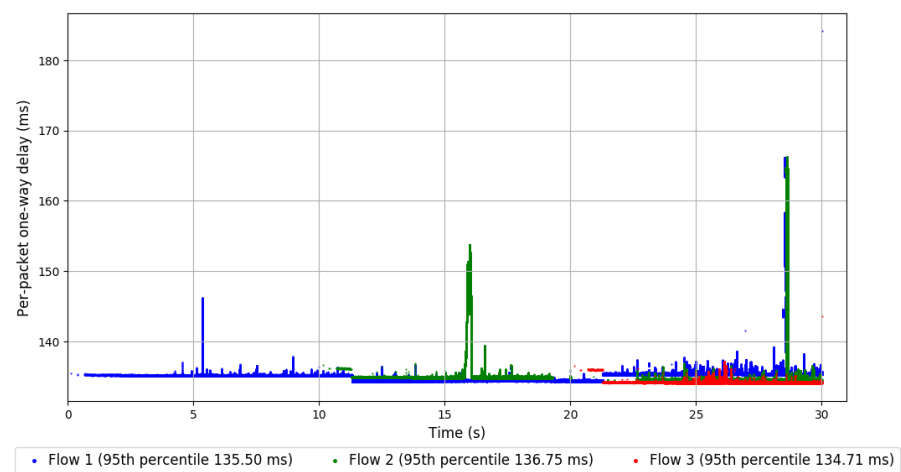
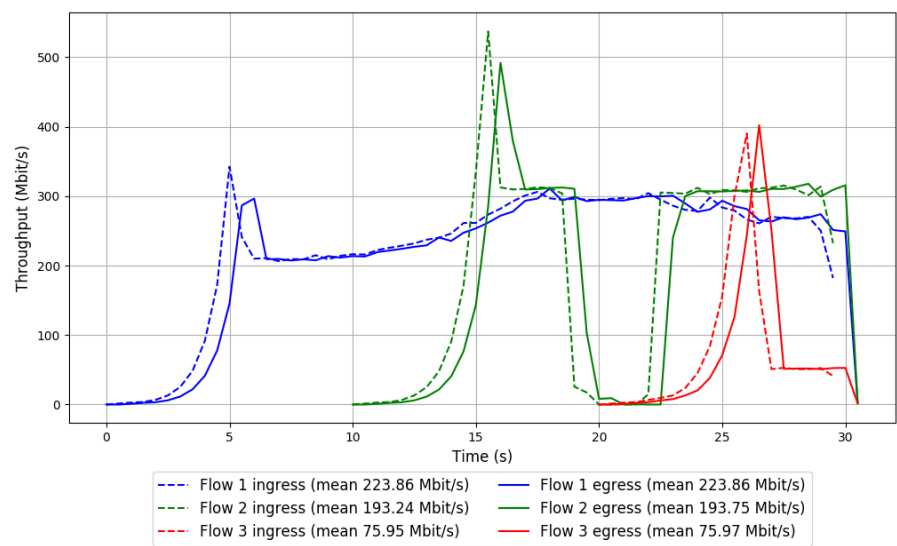


Run 2: Statistics of PCC-Vivace

Start at: 2018-07-04 16:47:27
End at: 2018-07-04 16:47:57
Local clock offset: 0.06 ms
Remote clock offset: -0.536 ms

Below is generated by plot.py at 2018-07-04 22:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 377.73 Mbit/s
95th percentile per-packet one-way delay: 135.512 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 223.86 Mbit/s
95th percentile per-packet one-way delay: 135.501 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 193.75 Mbit/s
95th percentile per-packet one-way delay: 136.745 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 75.97 Mbit/s
95th percentile per-packet one-way delay: 134.713 ms
Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link

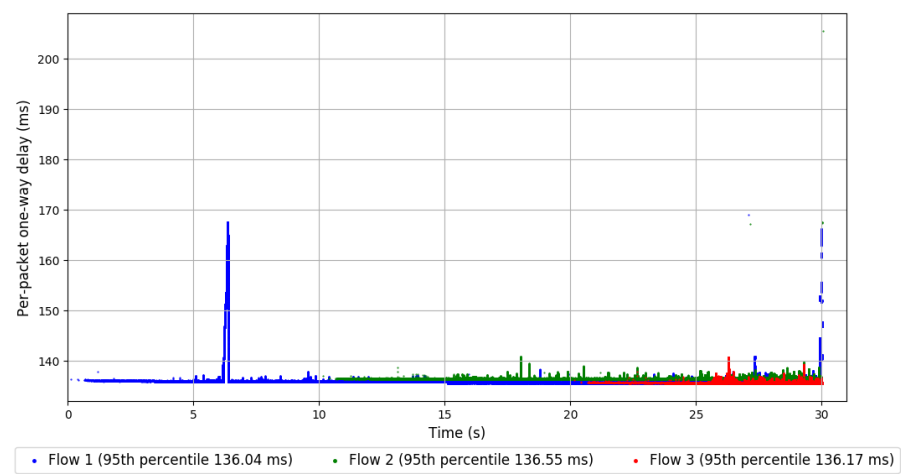
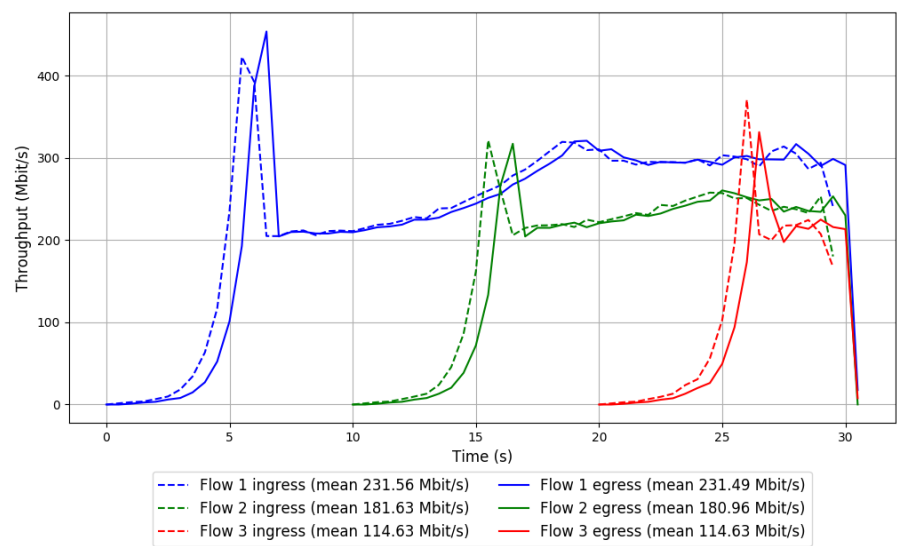


Run 3: Statistics of PCC-Vivace

Start at: 2018-07-04 17:14:33
End at: 2018-07-04 17:15:03
Local clock offset: 0.013 ms
Remote clock offset: -0.173 ms

```
# Below is generated by plot.py at 2018-07-04 22:55:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 389.42 Mbit/s
95th percentile per-packet one-way delay: 136.449 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 231.49 Mbit/s
95th percentile per-packet one-way delay: 136.044 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 180.96 Mbit/s
95th percentile per-packet one-way delay: 136.549 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 114.63 Mbit/s
95th percentile per-packet one-way delay: 136.169 ms
Loss rate: 0.00%
```


Run 3: Report of PCC-Vivace — Data Link



Run 4: Statistics of PCC-Vivace

Start at: 2018-07-04 17:41:42

End at: 2018-07-04 17:42:12

Local clock offset: 0.131 ms

Remote clock offset: 0.138 ms

Below is generated by plot.py at 2018-07-04 22:55:35

Datalink statistics

-- Total of 3 flows:

Average throughput: 390.91 Mbit/s

95th percentile per-packet one-way delay: 136.803 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 223.61 Mbit/s

95th percentile per-packet one-way delay: 136.457 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 190.98 Mbit/s

95th percentile per-packet one-way delay: 137.022 ms

Loss rate: 0.00%

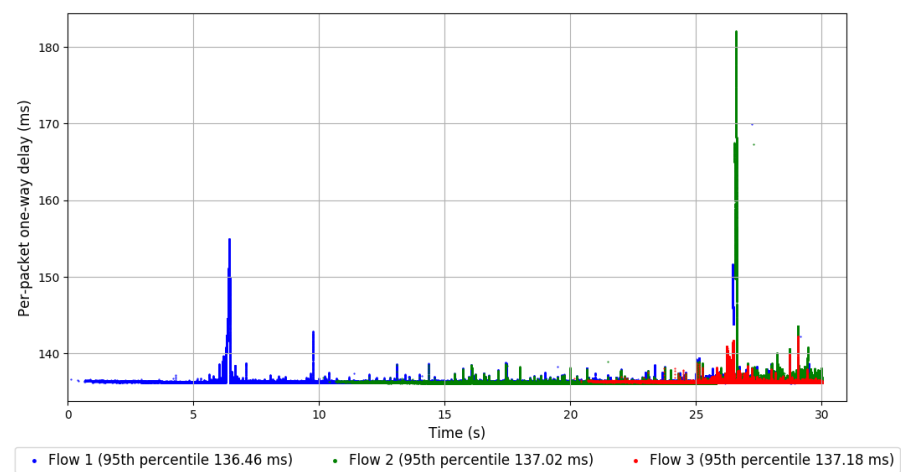
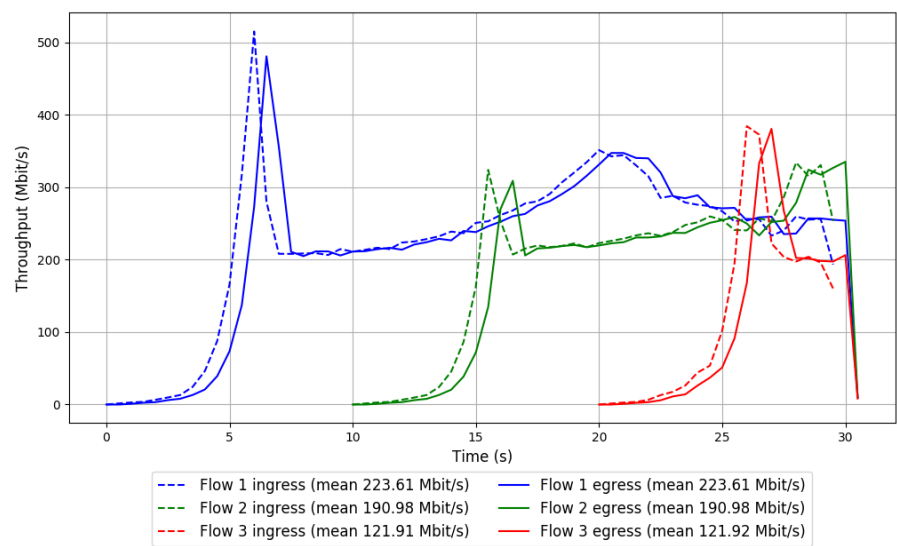
-- Flow 3:

Average throughput: 121.92 Mbit/s

95th percentile per-packet one-way delay: 137.182 ms

Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link

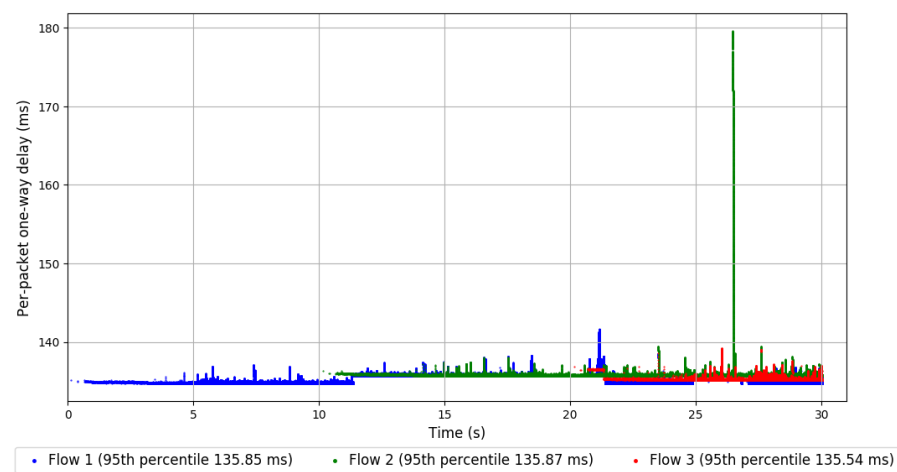
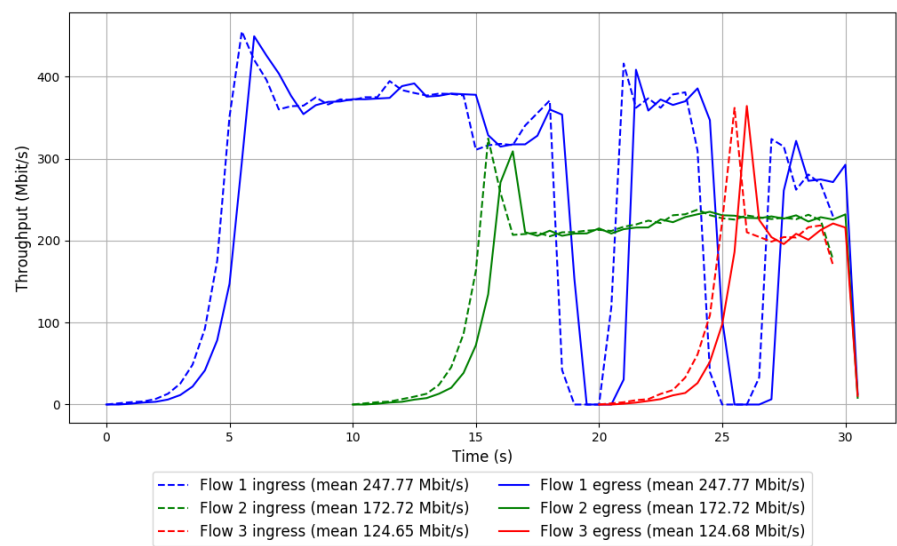


Run 5: Statistics of PCC-Vivace

Start at: 2018-07-04 18:08:27
End at: 2018-07-04 18:08:57
Local clock offset: 0.037 ms
Remote clock offset: -0.181 ms

Below is generated by plot.py at 2018-07-04 22:55:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 403.77 Mbit/s
95th percentile per-packet one-way delay: 135.854 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 247.77 Mbit/s
95th percentile per-packet one-way delay: 135.855 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 172.72 Mbit/s
95th percentile per-packet one-way delay: 135.868 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 124.68 Mbit/s
95th percentile per-packet one-way delay: 135.544 ms
Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link

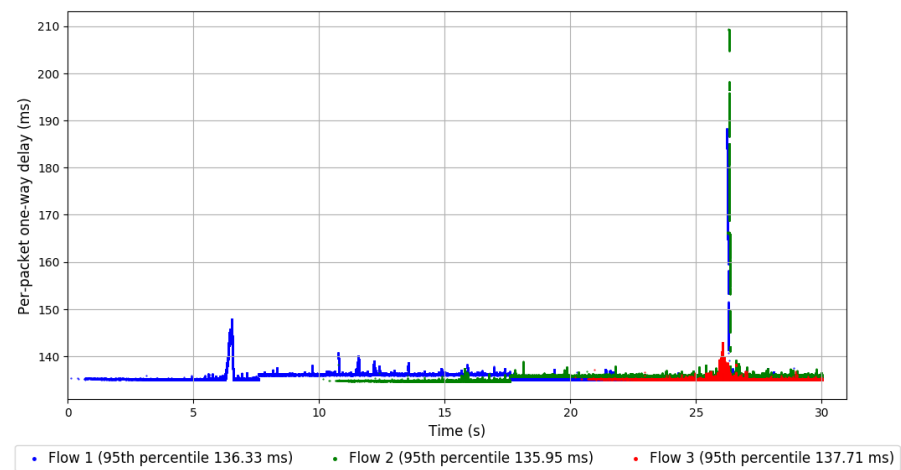
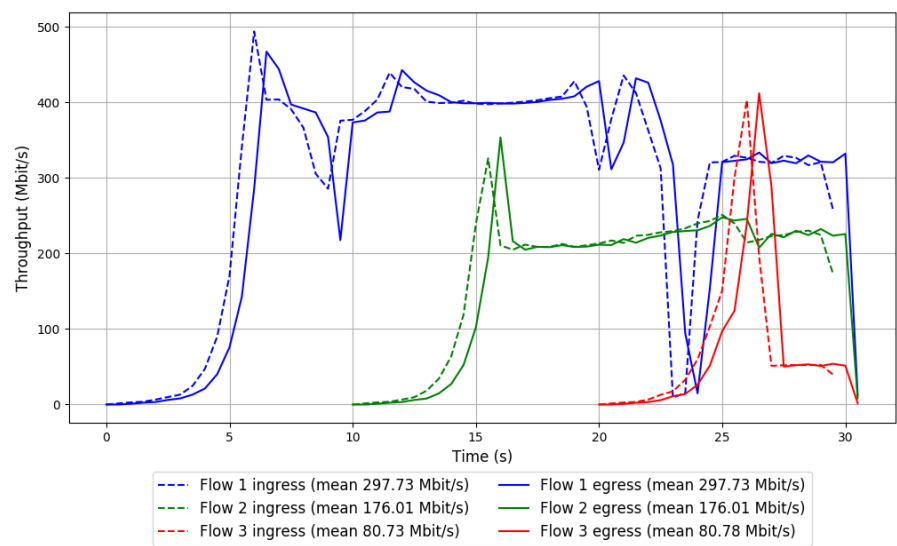


Run 6: Statistics of PCC-Vivace

Start at: 2018-07-04 18:35:31
End at: 2018-07-04 18:36:01
Local clock offset: -0.264 ms
Remote clock offset: -0.222 ms

Below is generated by plot.py at 2018-07-04 22:56:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 441.40 Mbit/s
95th percentile per-packet one-way delay: 136.263 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 297.73 Mbit/s
95th percentile per-packet one-way delay: 136.331 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 176.01 Mbit/s
95th percentile per-packet one-way delay: 135.951 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 80.78 Mbit/s
95th percentile per-packet one-way delay: 137.714 ms
Loss rate: 0.00%

Run 6: Report of PCC-Vivace — Data Link

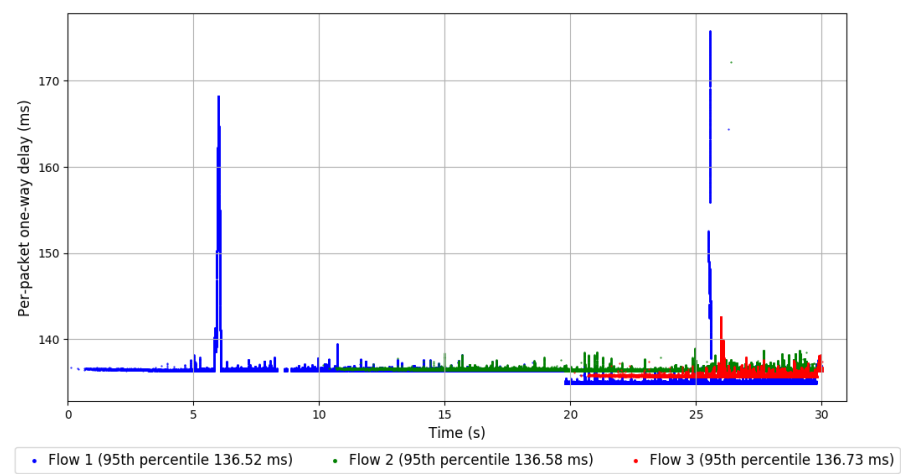
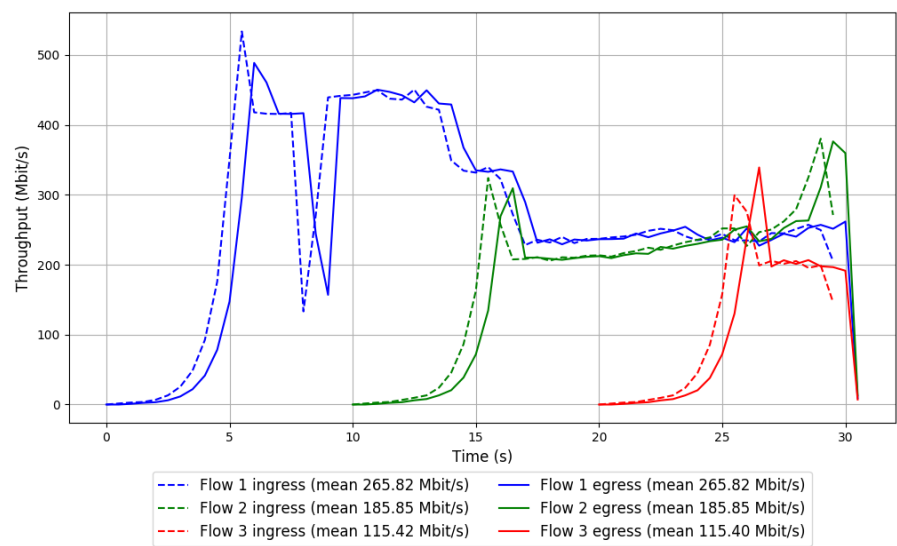


Run 7: Statistics of PCC-Vivace

Start at: 2018-07-04 19:02:08
End at: 2018-07-04 19:02:39
Local clock offset: -0.072 ms
Remote clock offset: -0.189 ms

```
# Below is generated by plot.py at 2018-07-04 22:57:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 427.48 Mbit/s
95th percentile per-packet one-way delay: 136.549 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 265.82 Mbit/s
95th percentile per-packet one-way delay: 136.518 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 185.85 Mbit/s
95th percentile per-packet one-way delay: 136.581 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 115.40 Mbit/s
95th percentile per-packet one-way delay: 136.728 ms
Loss rate: 0.01%
```


Run 7: Report of PCC-Vivace — Data Link

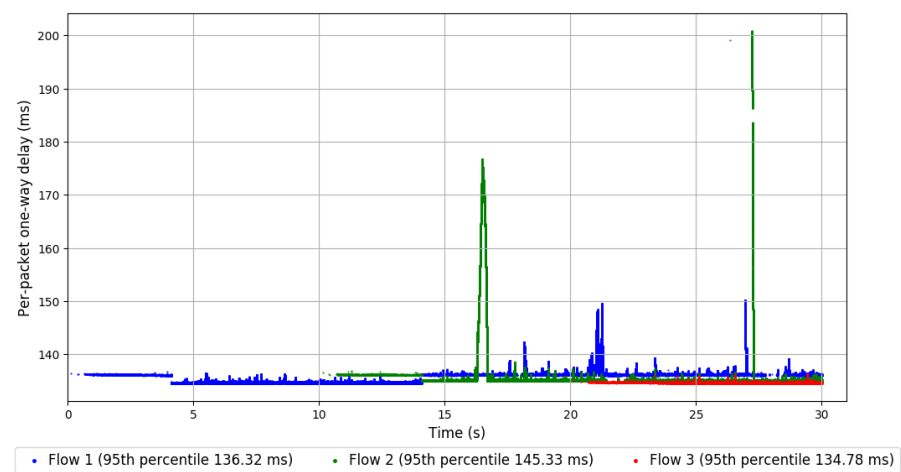
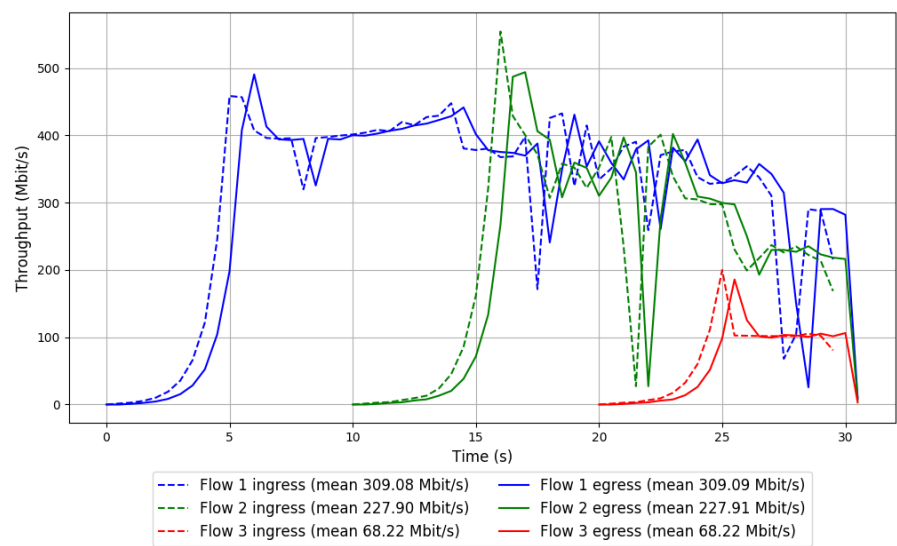


Run 8: Statistics of PCC-Vivace

Start at: 2018-07-04 19:28:54
End at: 2018-07-04 19:29:24
Local clock offset: -0.192 ms
Remote clock offset: -0.517 ms

Below is generated by plot.py at 2018-07-04 22:58:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 483.13 Mbit/s
95th percentile per-packet one-way delay: 136.368 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 309.09 Mbit/s
95th percentile per-packet one-way delay: 136.320 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 227.91 Mbit/s
95th percentile per-packet one-way delay: 145.332 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 68.22 Mbit/s
95th percentile per-packet one-way delay: 134.776 ms
Loss rate: 0.00%

Run 8: Report of PCC-Vivace — Data Link

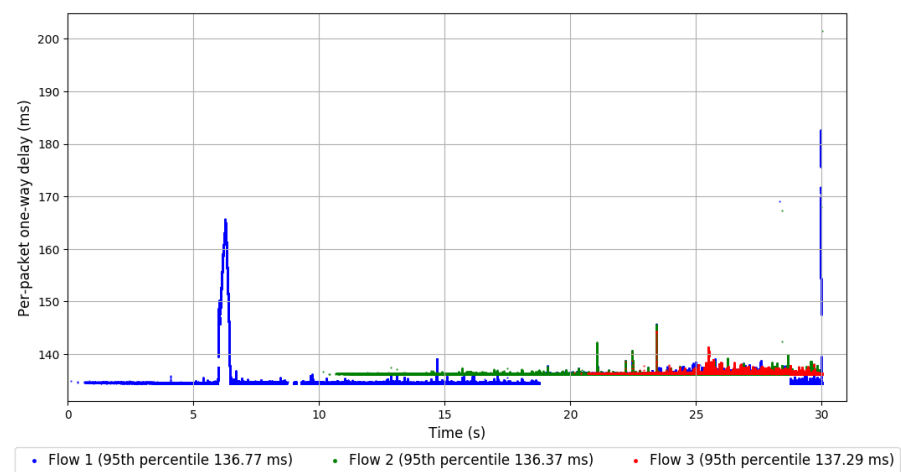
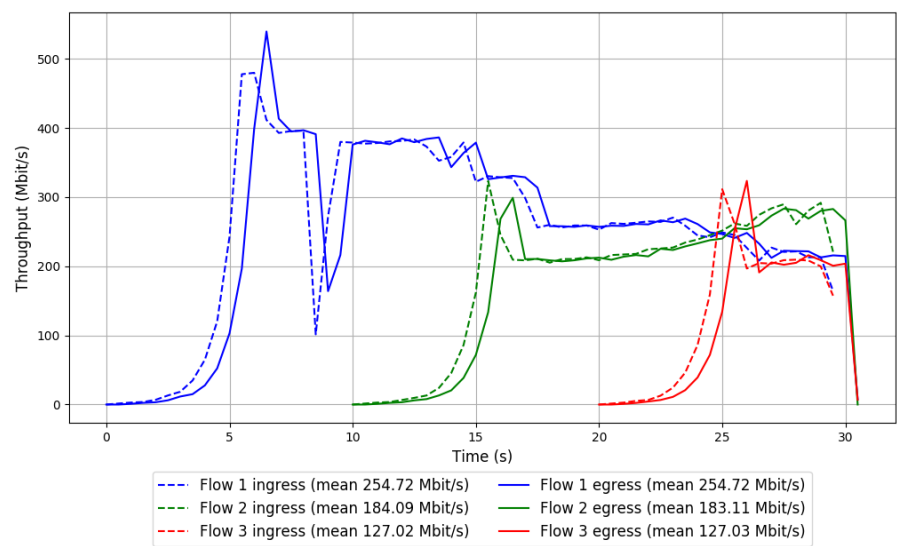


Run 9: Statistics of PCC-Vivace

Start at: 2018-07-04 19:55:30
End at: 2018-07-04 19:56:00
Local clock offset: 0.024 ms
Remote clock offset: -0.164 ms

Below is generated by plot.py at 2018-07-04 22:58:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 418.41 Mbit/s
95th percentile per-packet one-way delay: 136.708 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 254.72 Mbit/s
95th percentile per-packet one-way delay: 136.770 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 183.11 Mbit/s
95th percentile per-packet one-way delay: 136.369 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 127.03 Mbit/s
95th percentile per-packet one-way delay: 137.288 ms
Loss rate: 0.02%

Run 9: Report of PCC-Vivace — Data Link



Run 10: Statistics of PCC-Vivace

Start at: 2018-07-04 20:22:13

End at: 2018-07-04 20:22:43

Local clock offset: 0.046 ms

Remote clock offset: 0.03 ms

Below is generated by plot.py at 2018-07-04 22:58:15

Datalink statistics

-- Total of 3 flows:

Average throughput: 409.96 Mbit/s

95th percentile per-packet one-way delay: 136.540 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 240.07 Mbit/s

95th percentile per-packet one-way delay: 136.499 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 167.39 Mbit/s

95th percentile per-packet one-way delay: 136.570 ms

Loss rate: 0.00%

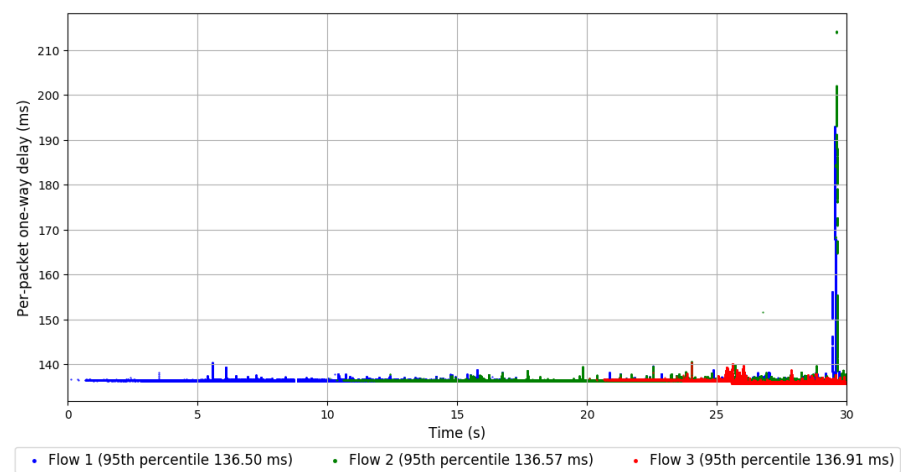
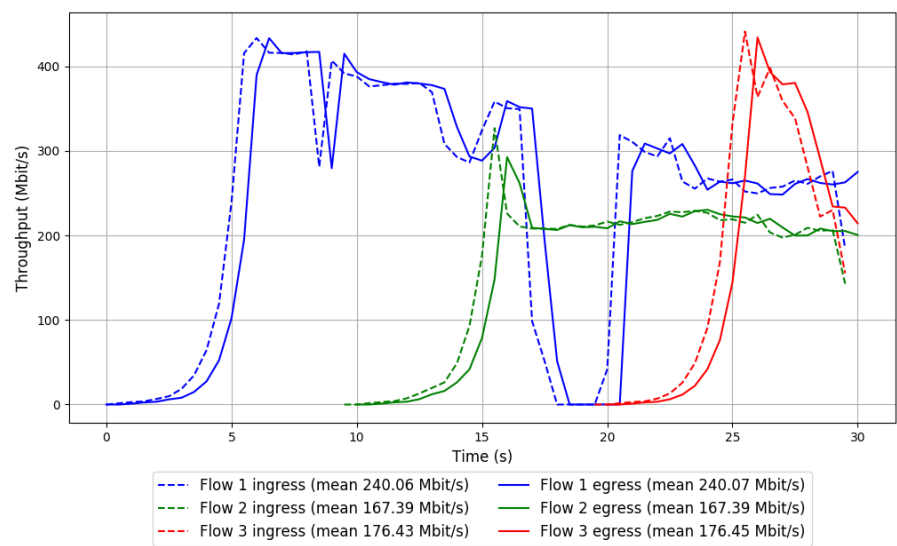
-- Flow 3:

Average throughput: 176.45 Mbit/s

95th percentile per-packet one-way delay: 136.909 ms

Loss rate: 0.00%

Run 10: Report of PCC-Vivace — Data Link

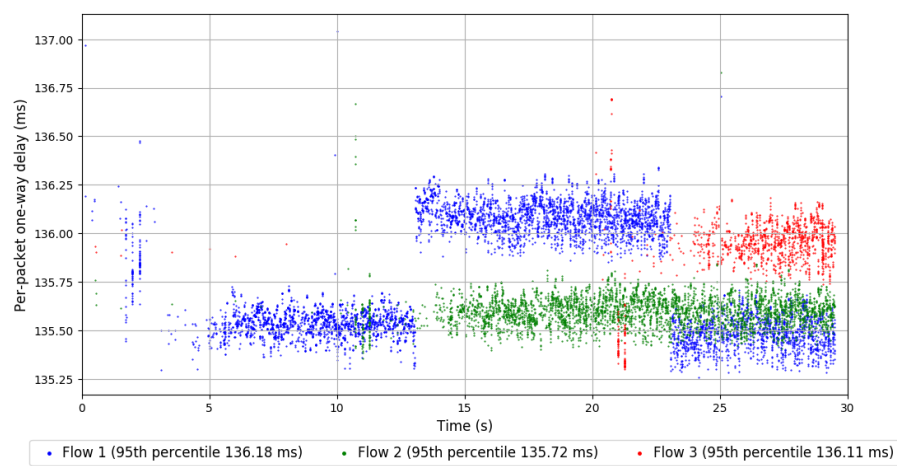
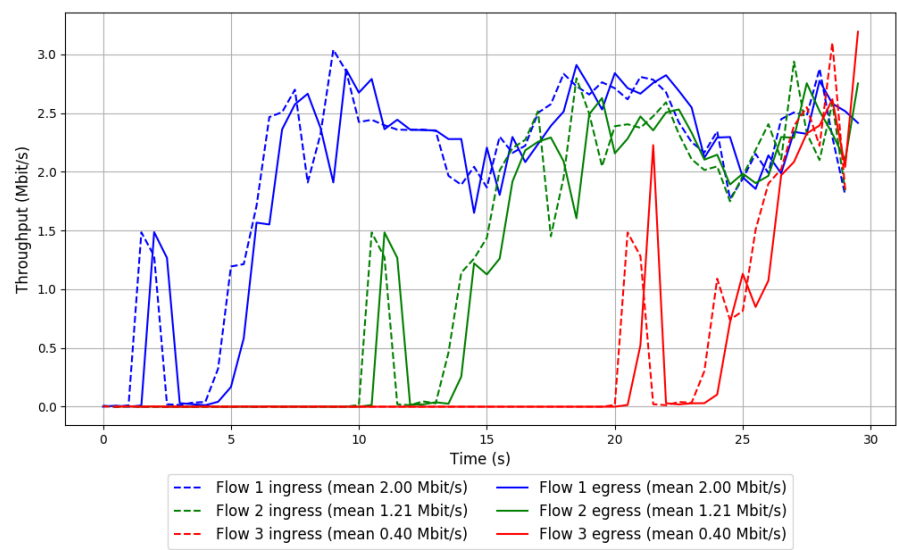


Run 1: Statistics of WebRTC media

Start at: 2018-07-04 16:02:55
End at: 2018-07-04 16:03:25
Local clock offset: -0.025 ms
Remote clock offset: -0.631 ms

Below is generated by plot.py at 2018-07-04 22:58:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.59 Mbit/s
95th percentile per-packet one-way delay: 136.156 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 136.180 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.21 Mbit/s
95th percentile per-packet one-way delay: 135.718 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 136.112 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

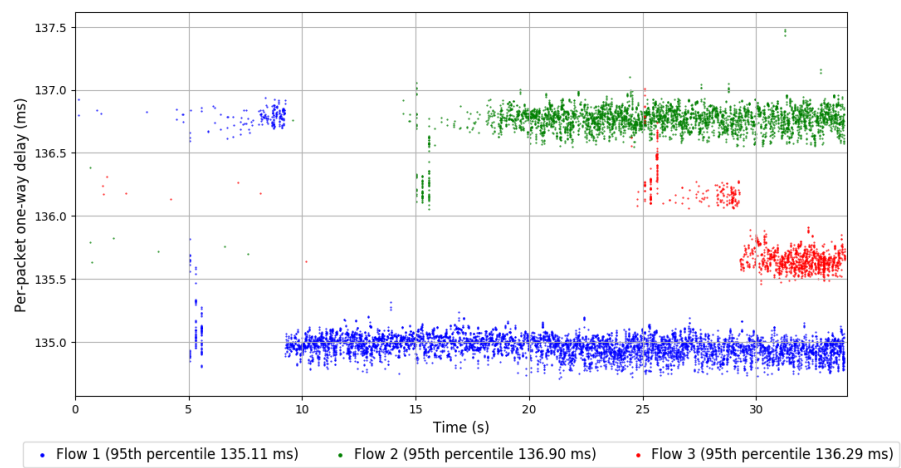
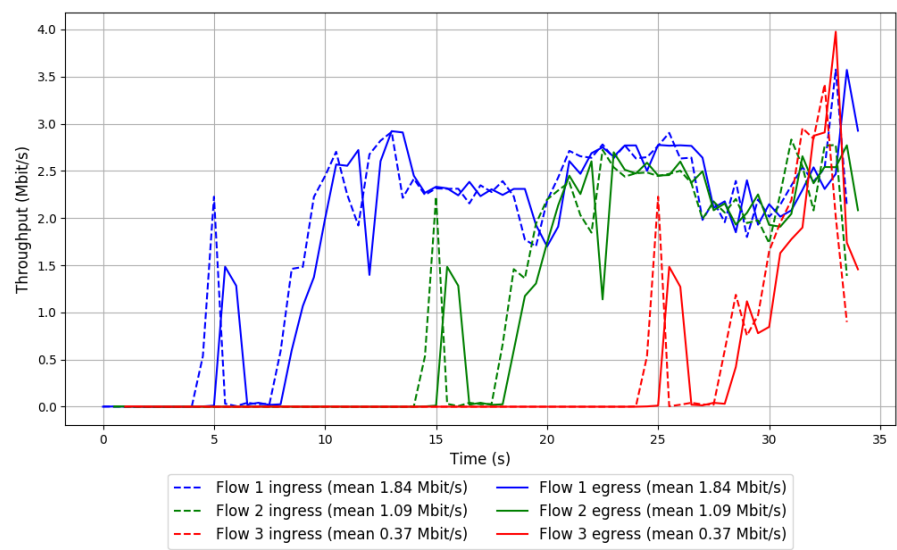


Run 2: Statistics of WebRTC media

Start at: 2018-07-04 16:30:03
End at: 2018-07-04 16:30:33
Local clock offset: -0.304 ms
Remote clock offset: -0.239 ms

Below is generated by plot.py at 2018-07-04 22:58:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.27 Mbit/s
95th percentile per-packet one-way delay: 136.853 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.84 Mbit/s
95th percentile per-packet one-way delay: 135.114 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.09 Mbit/s
95th percentile per-packet one-way delay: 136.895 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 136.289 ms
Loss rate: 0.01%

Run 2: Report of WebRTC media — Data Link

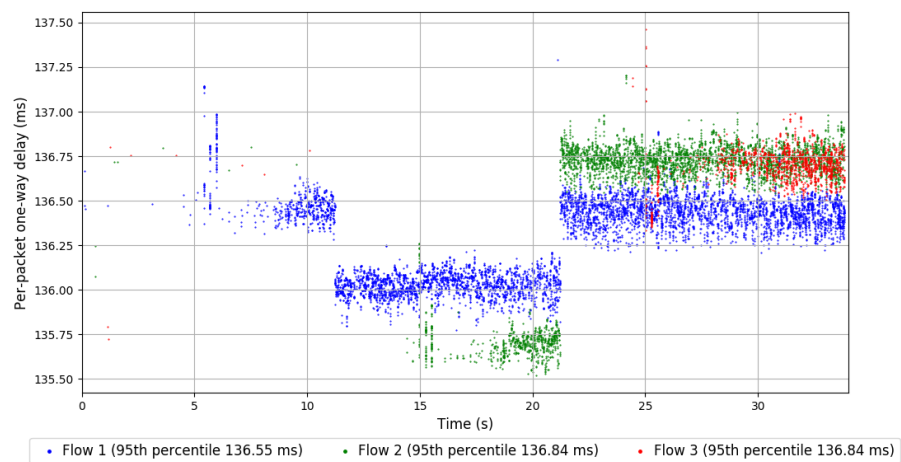
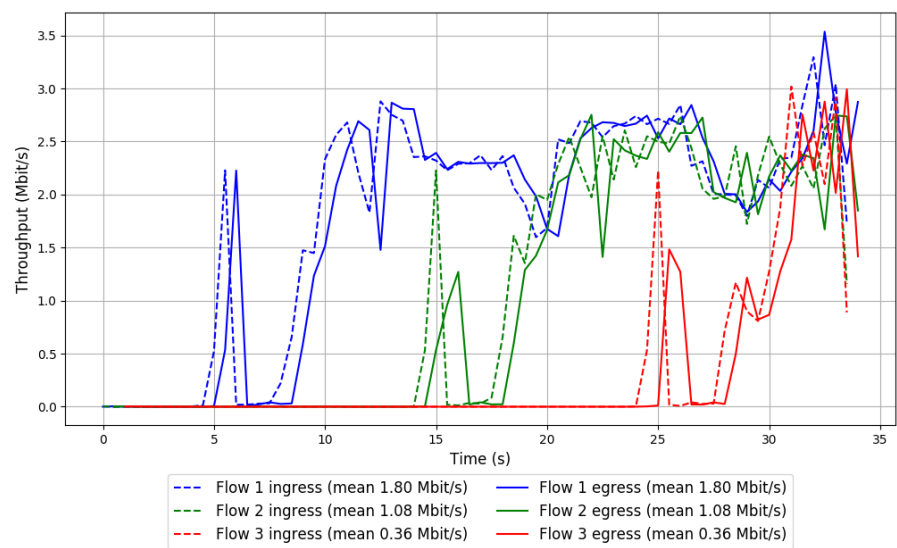


Run 3: Statistics of WebRTC media

Start at: 2018-07-04 16:57:11
End at: 2018-07-04 16:57:41
Local clock offset: -0.009 ms
Remote clock offset: -0.211 ms

Below is generated by plot.py at 2018-07-04 22:58:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.21 Mbit/s
95th percentile per-packet one-way delay: 136.807 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.80 Mbit/s
95th percentile per-packet one-way delay: 136.548 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.08 Mbit/s
95th percentile per-packet one-way delay: 136.840 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 136.839 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

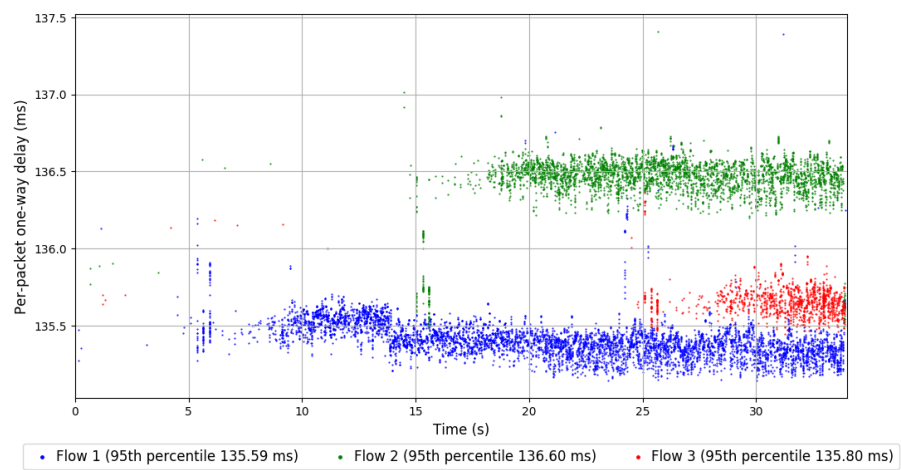
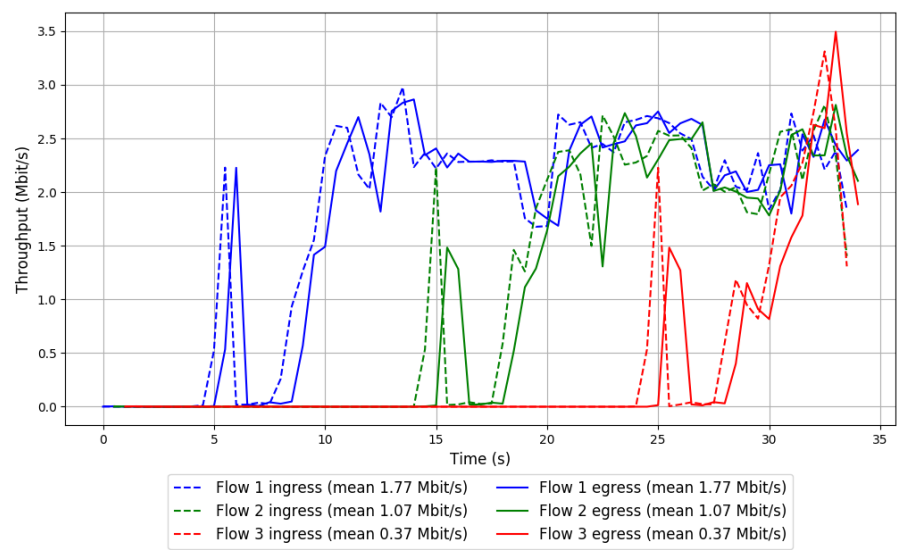


Run 4: Statistics of WebRTC media

Start at: 2018-07-04 17:24:18
End at: 2018-07-04 17:24:48
Local clock offset: 0.058 ms
Remote clock offset: -0.563 ms

Below is generated by plot.py at 2018-07-04 22:58:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.18 Mbit/s
95th percentile per-packet one-way delay: 136.555 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.77 Mbit/s
95th percentile per-packet one-way delay: 135.590 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.07 Mbit/s
95th percentile per-packet one-way delay: 136.599 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 135.798 ms
Loss rate: 0.01%

Run 4: Report of WebRTC media — Data Link

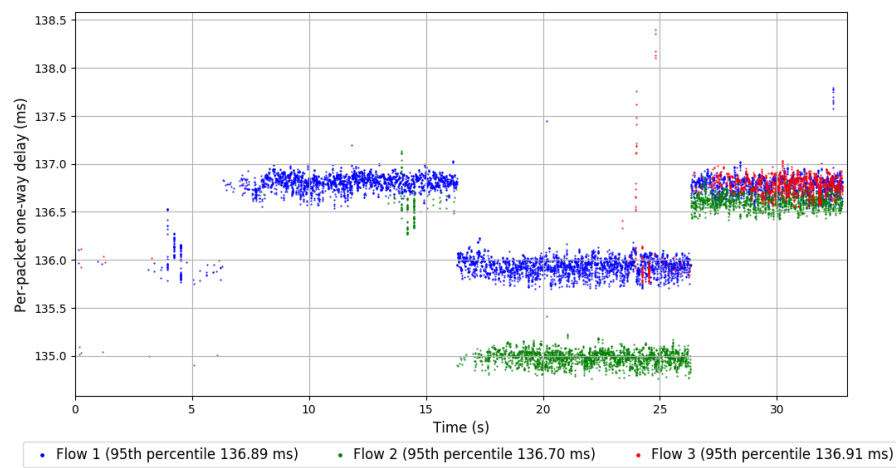
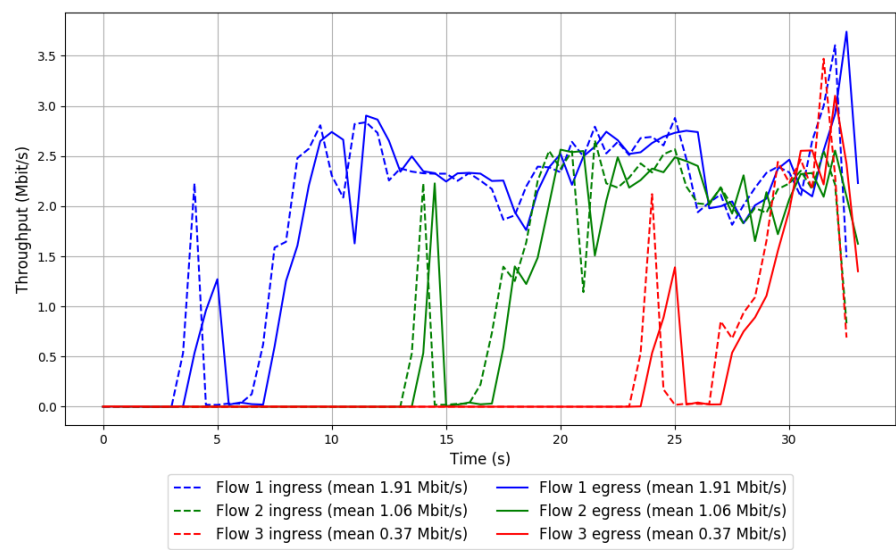


Run 5: Statistics of WebRTC media

Start at: 2018-07-04 17:51:25
End at: 2018-07-04 17:51:55
Local clock offset: 0.161 ms
Remote clock offset: -0.182 ms

Below is generated by plot.py at 2018-07-04 22:58:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.33 Mbit/s
95th percentile per-packet one-way delay: 136.884 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 136.893 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.06 Mbit/s
95th percentile per-packet one-way delay: 136.700 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 136.913 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

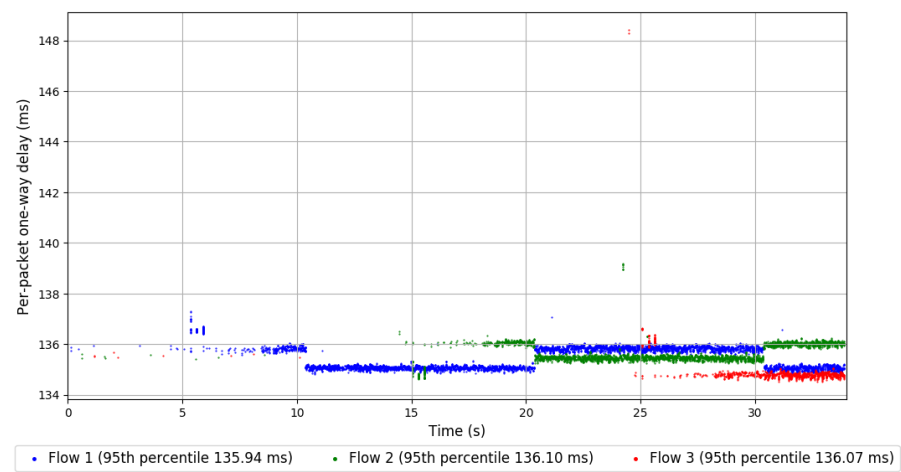
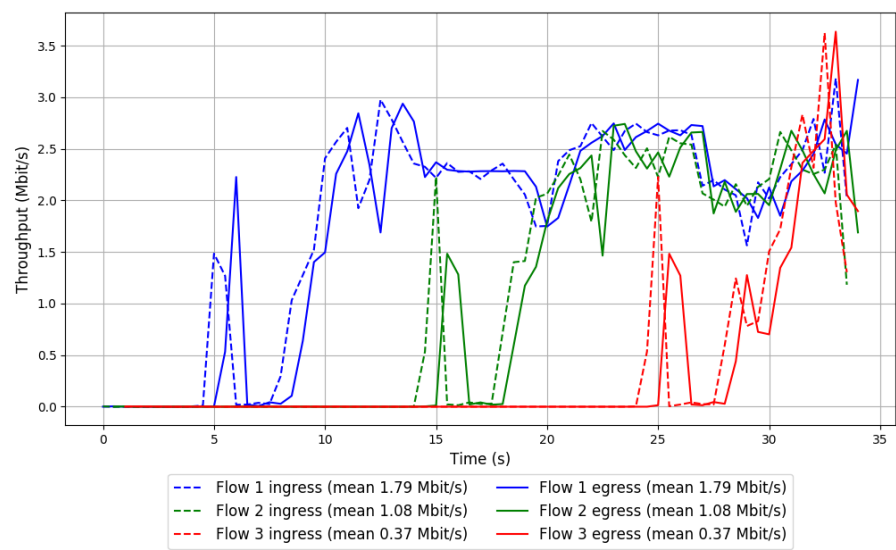


Run 6: Statistics of WebRTC media

Start at: 2018-07-04 18:18:12
End at: 2018-07-04 18:18:42
Local clock offset: -0.065 ms
Remote clock offset: -0.193 ms

Below is generated by plot.py at 2018-07-04 22:58:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.21 Mbit/s
95th percentile per-packet one-way delay: 136.060 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.79 Mbit/s
95th percentile per-packet one-way delay: 135.939 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.08 Mbit/s
95th percentile per-packet one-way delay: 136.097 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 136.070 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

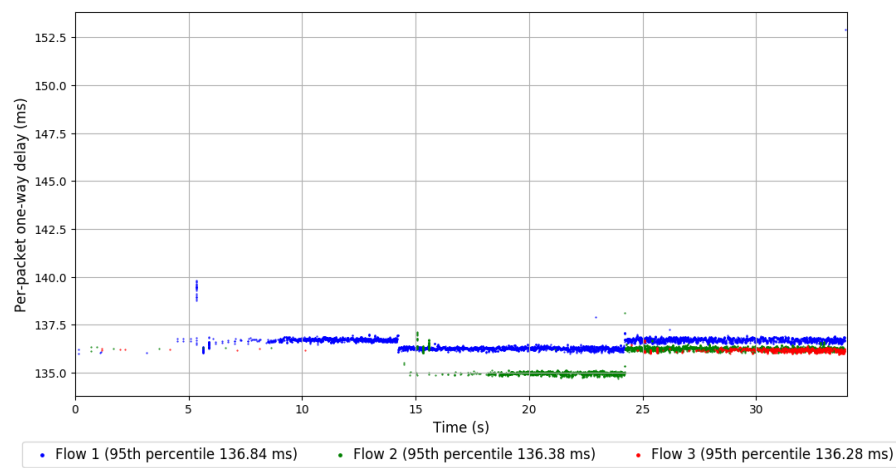
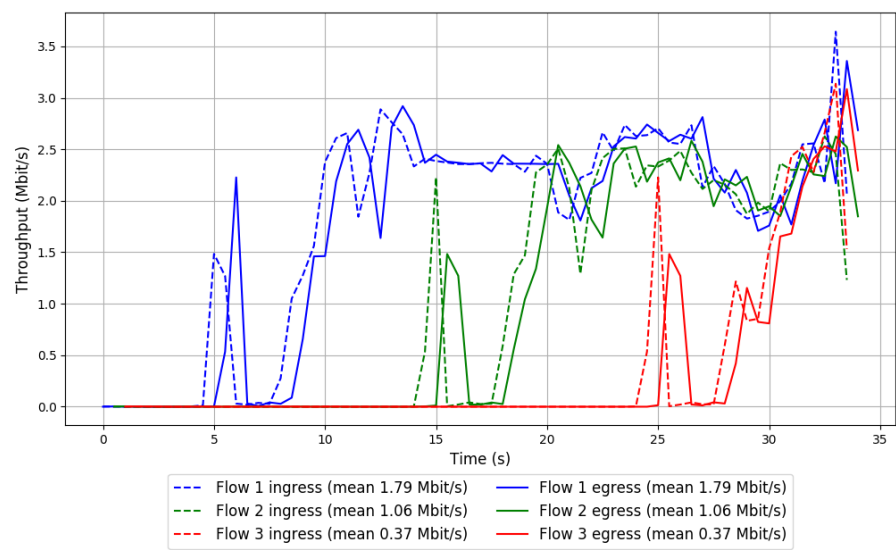


Run 7: Statistics of WebRTC media

Start at: 2018-07-04 18:45:18
End at: 2018-07-04 18:45:48
Local clock offset: -0.268 ms
Remote clock offset: -0.246 ms

Below is generated by plot.py at 2018-07-04 22:58:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.19 Mbit/s
95th percentile per-packet one-way delay: 136.809 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 1.79 Mbit/s
95th percentile per-packet one-way delay: 136.839 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 1.06 Mbit/s
95th percentile per-packet one-way delay: 136.381 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 136.283 ms
Loss rate: 0.07%

Run 7: Report of WebRTC media — Data Link

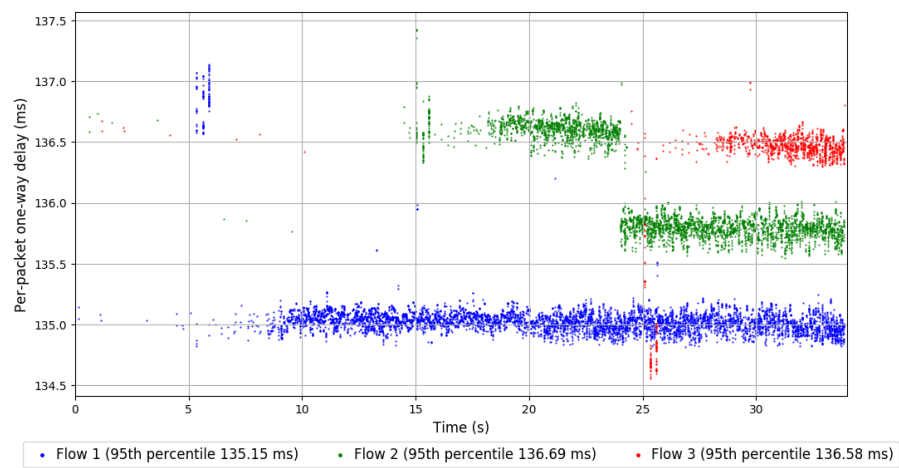
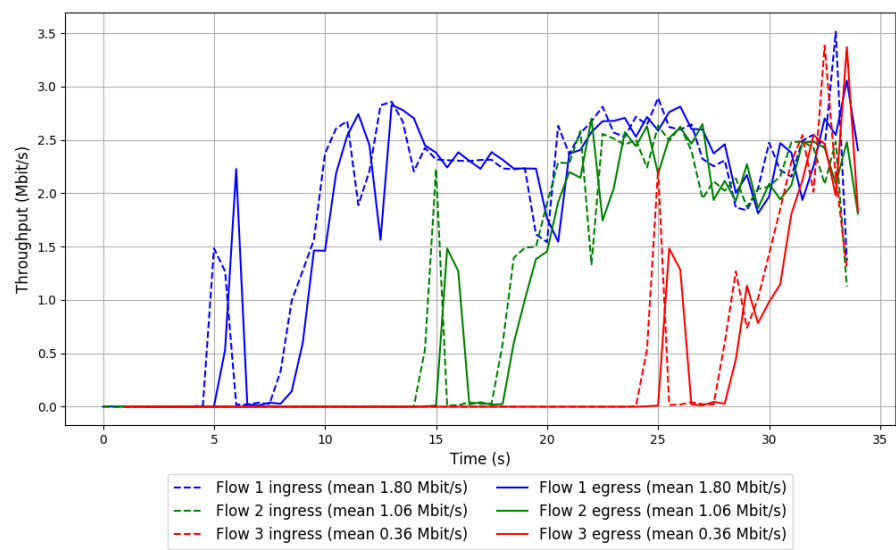


Run 8: Statistics of WebRTC media

Start at: 2018-07-04 19:11:58
End at: 2018-07-04 19:12:28
Local clock offset: -0.042 ms
Remote clock offset: -0.179 ms

Below is generated by plot.py at 2018-07-04 22:58:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.19 Mbit/s
95th percentile per-packet one-way delay: 136.640 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.80 Mbit/s
95th percentile per-packet one-way delay: 135.151 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.06 Mbit/s
95th percentile per-packet one-way delay: 136.688 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 136.577 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

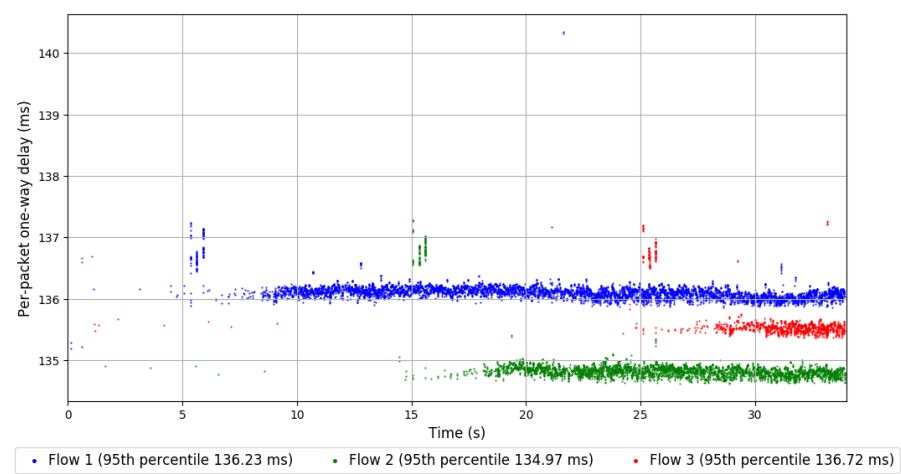
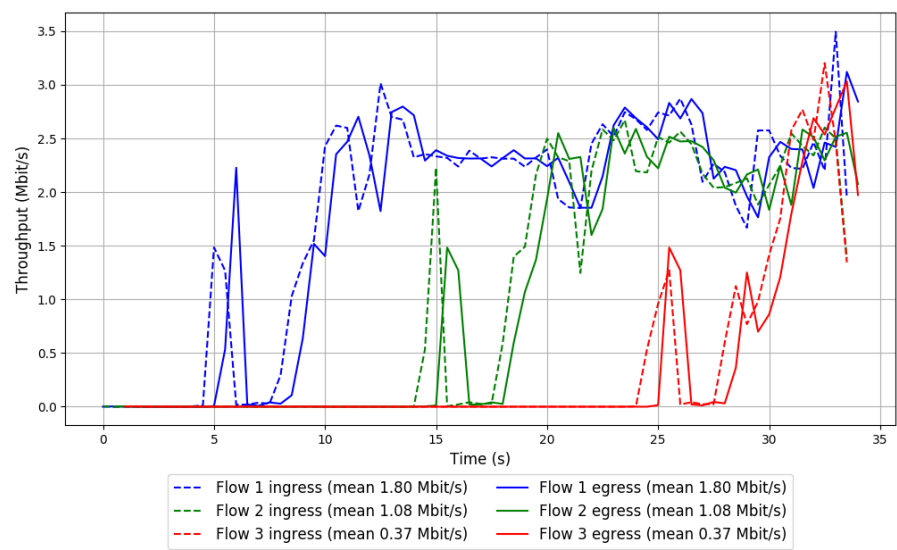


Run 9: Statistics of WebRTC media

Start at: 2018-07-04 19:38:41
End at: 2018-07-04 19:39:11
Local clock offset: -0.126 ms
Remote clock offset: -0.126 ms

Below is generated by plot.py at 2018-07-04 22:58:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.22 Mbit/s
95th percentile per-packet one-way delay: 136.230 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.80 Mbit/s
95th percentile per-packet one-way delay: 136.234 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.08 Mbit/s
95th percentile per-packet one-way delay: 134.967 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 136.721 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-07-04 20:05:14
End at: 2018-07-04 20:05:44
Local clock offset: -0.184 ms
Remote clock offset: -0.458 ms

Below is generated by plot.py at 2018-07-04 22:58:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.17 Mbit/s
95th percentile per-packet one-way delay: 136.381 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.77 Mbit/s
95th percentile per-packet one-way delay: 136.393 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.08 Mbit/s
95th percentile per-packet one-way delay: 135.359 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 136.444 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

