

Pantheon Report

Generated at 2018-07-11 08:54:55 (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.

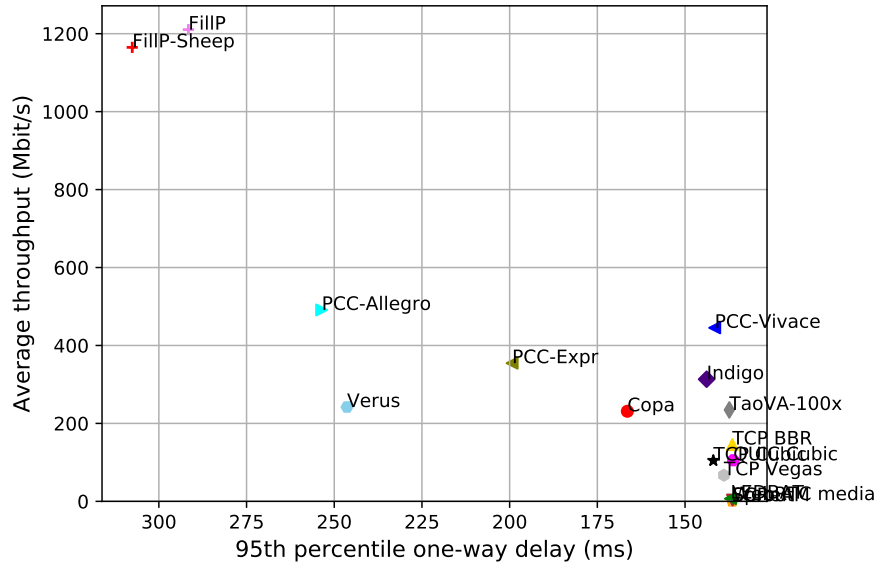
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

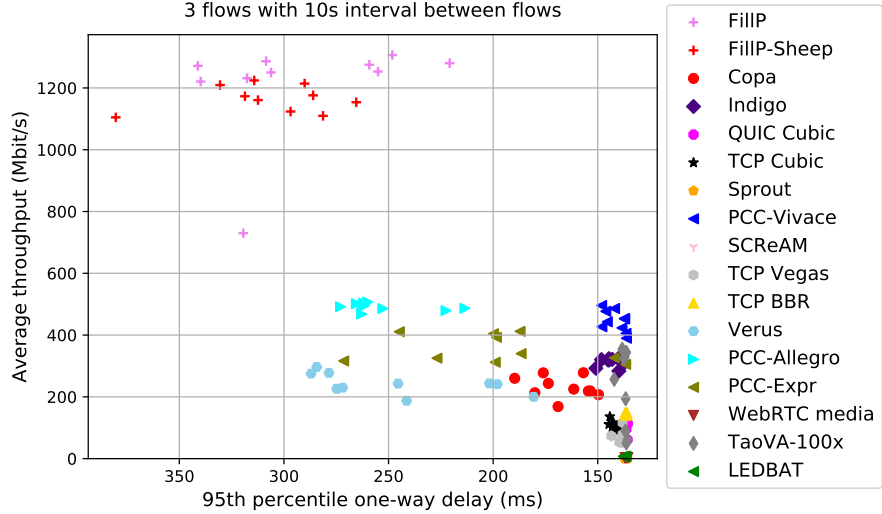
Git summary:

```
branch: master @ 9250dbeec7fb57193cdff1ba8c440b4e16ab30f0
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ 37162fe9af85249aeccac061c93e75640ef710b5
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecd90c077e64d
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-quick @ 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



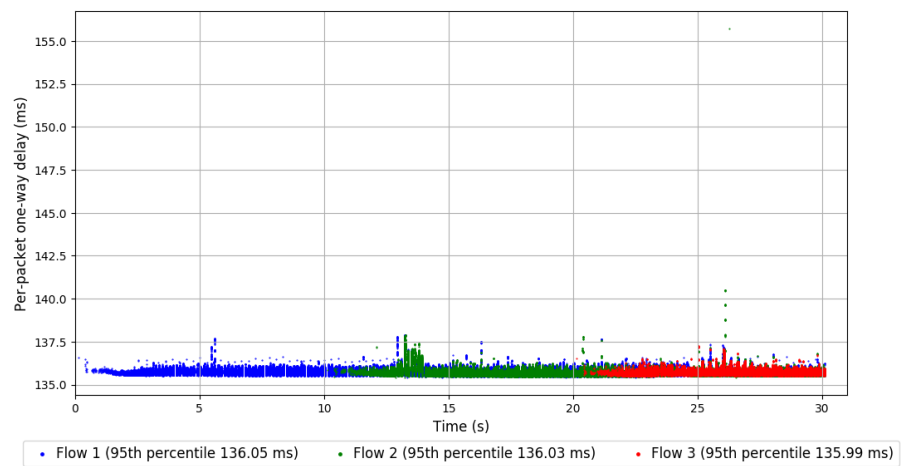
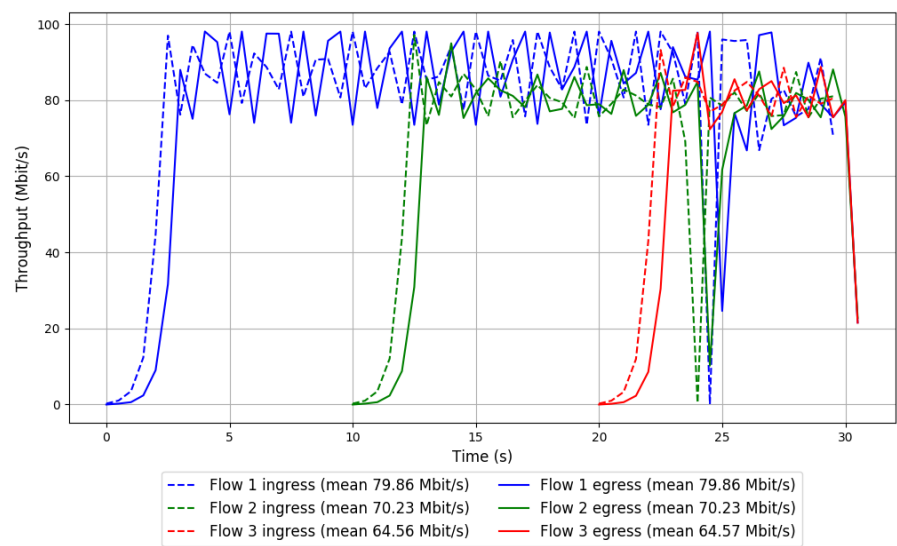
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	75.98	71.88	66.11	136.49	136.50	136.77	0.00	0.00	0.00
Copa	10	137.21	108.07	68.90	163.27	169.40	156.41	0.00	0.15	0.01
TCP Cubic	10	59.35	48.68	38.94	141.63	141.09	142.35	0.00	0.03	0.03
FillP	10	637.79	628.44	466.00	297.55	267.58	204.68	2.12	1.55	0.25
FillP-Sheep	10	639.03	571.71	439.03	320.10	245.46	209.38	3.88	1.80	0.56
Indigo	10	164.39	161.50	131.56	140.37	144.68	149.33	0.00	0.00	0.01
LEDBAT	10	4.52	3.22	1.11	137.10	136.99	136.79	0.00	0.00	0.00
PCC-Allegro	10	463.14	28.49	27.60	253.89	250.59	230.83	1.74	0.68	1.08
PCC-Expr	10	249.95	129.21	56.63	196.62	180.58	177.79	0.23	0.29	0.31
QUIC Cubic	10	51.69	58.21	47.81	136.16	136.11	136.01	0.00	0.00	0.00
SCReAM	10	0.22	0.22	0.22	136.52	136.39	136.29	0.00	0.00	0.00
Sprout	10	0.16	0.17	0.21	136.48	136.36	136.38	0.00	0.00	0.00
TaoVA-100x	10	113.83	136.46	89.71	136.74	137.82	138.05	0.00	0.00	0.01
TCP Vegas	10	33.44	33.14	34.75	137.79	139.12	140.70	0.01	0.00	0.04
Verus	10	146.02	115.25	65.71	224.59	252.40	273.68	0.79	2.54	8.24
PCC-Vivace	10	266.75	209.30	119.22	143.85	153.64	140.58	0.02	0.05	0.04
WebRTC media	10	1.81	1.09	0.37	136.21	136.25	136.44	0.00	0.00	0.00

Run 1: Statistics of TCP BBR

Start at: 2018-07-11 02:19:28
End at: 2018-07-11 02:19:58
Local clock offset: 0.118 ms
Remote clock offset: -0.171 ms

Below is generated by plot.py at 2018-07-11 06:41:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 148.07 Mbit/s
95th percentile per-packet one-way delay: 136.038 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 79.86 Mbit/s
95th percentile per-packet one-way delay: 136.051 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 70.23 Mbit/s
95th percentile per-packet one-way delay: 136.035 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 64.57 Mbit/s
95th percentile per-packet one-way delay: 135.988 ms
Loss rate: 0.00%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-07-11 02:46:31

End at: 2018-07-11 02:47:01

Local clock offset: -0.071 ms

Remote clock offset: 0.223 ms

Below is generated by plot.py at 2018-07-11 06:41:56

Datalink statistics

-- Total of 3 flows:

Average throughput: 143.40 Mbit/s

95th percentile per-packet one-way delay: 136.973 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 73.60 Mbit/s

95th percentile per-packet one-way delay: 136.988 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 72.64 Mbit/s

95th percentile per-packet one-way delay: 136.979 ms

Loss rate: 0.00%

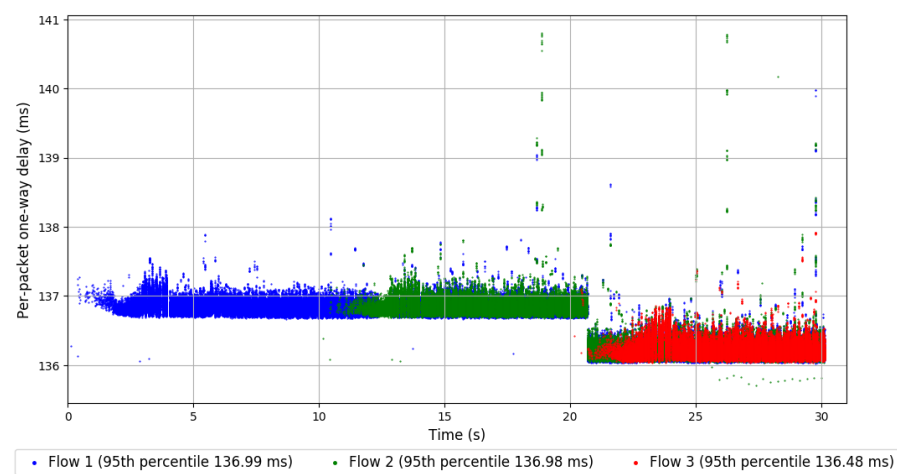
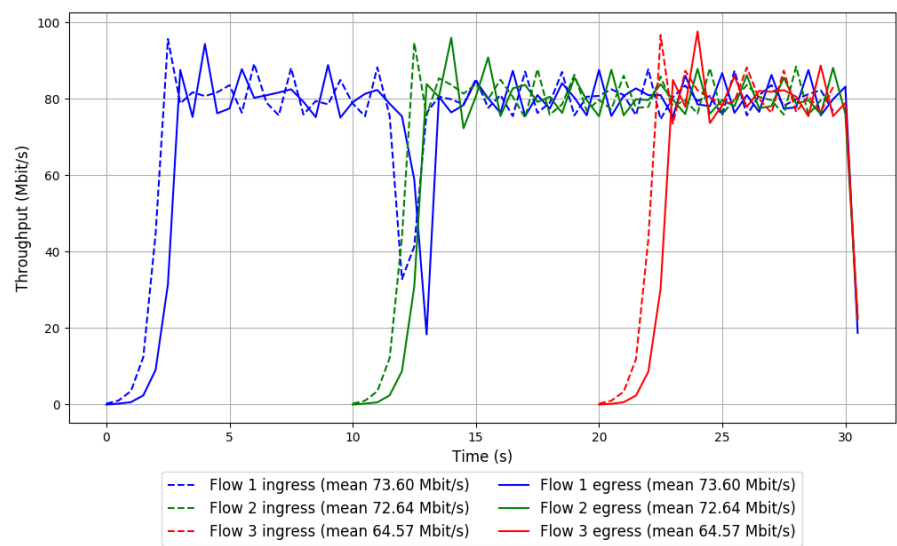
-- Flow 3:

Average throughput: 64.57 Mbit/s

95th percentile per-packet one-way delay: 136.479 ms

Loss rate: 0.00%

Run 2: Report of TCP BBR — Data Link

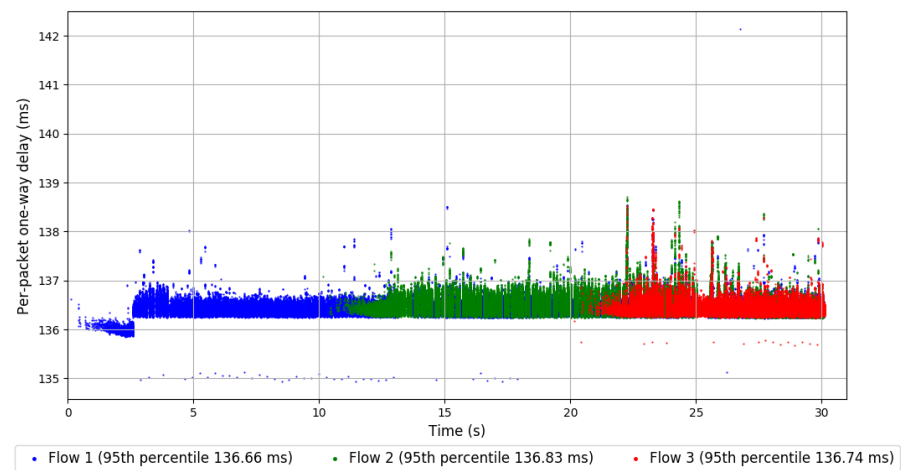
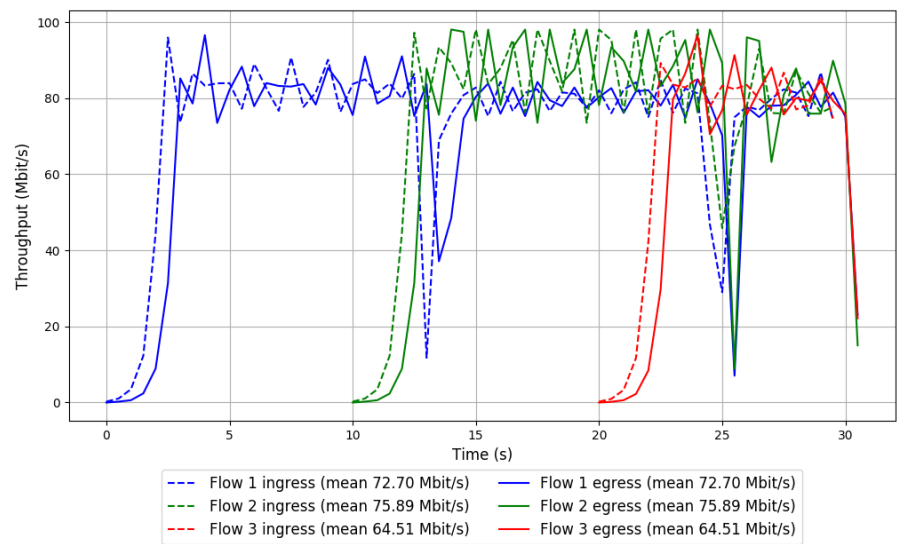


Run 3: Statistics of TCP BBR

Start at: 2018-07-11 03:13:39
End at: 2018-07-11 03:14:09
Local clock offset: -0.078 ms
Remote clock offset: -0.096 ms

Below is generated by plot.py at 2018-07-11 06:41:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 144.51 Mbit/s
95th percentile per-packet one-way delay: 136.754 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 72.70 Mbit/s
95th percentile per-packet one-way delay: 136.665 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 75.89 Mbit/s
95th percentile per-packet one-way delay: 136.828 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 64.51 Mbit/s
95th percentile per-packet one-way delay: 136.741 ms
Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link

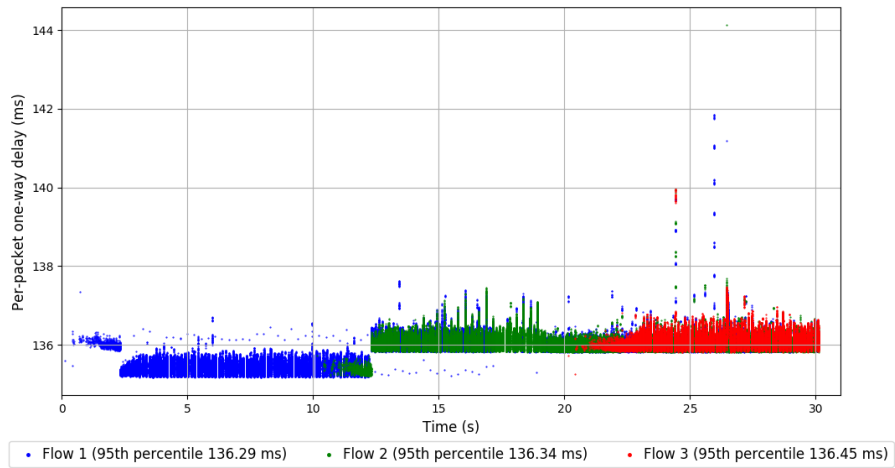
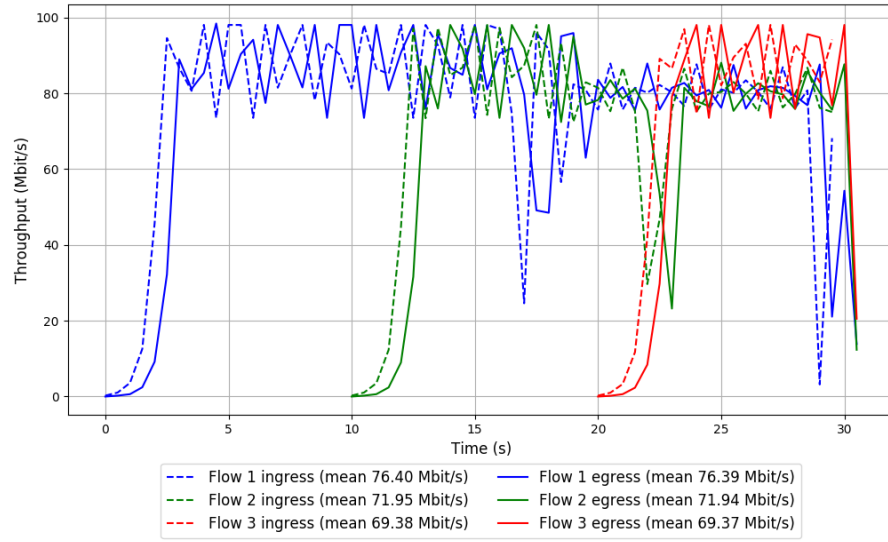


Run 4: Statistics of TCP BBR

Start at: 2018-07-11 03:40:49
End at: 2018-07-11 03:41:19
Local clock offset: 0.1 ms
Remote clock offset: -0.486 ms

Below is generated by plot.py at 2018-07-11 06:41:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 147.36 Mbit/s
95th percentile per-packet one-way delay: 136.346 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 76.39 Mbit/s
95th percentile per-packet one-way delay: 136.286 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 71.94 Mbit/s
95th percentile per-packet one-way delay: 136.336 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 69.37 Mbit/s
95th percentile per-packet one-way delay: 136.452 ms
Loss rate: 0.01%

Run 4: Report of TCP BBR — Data Link

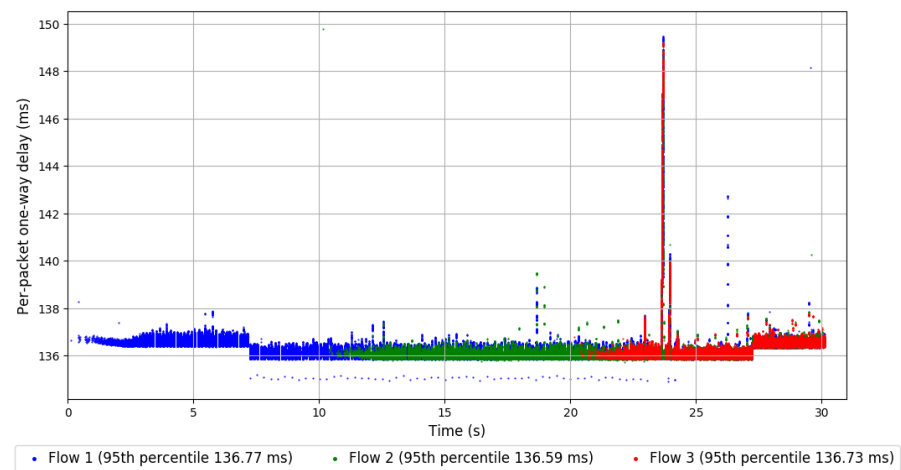
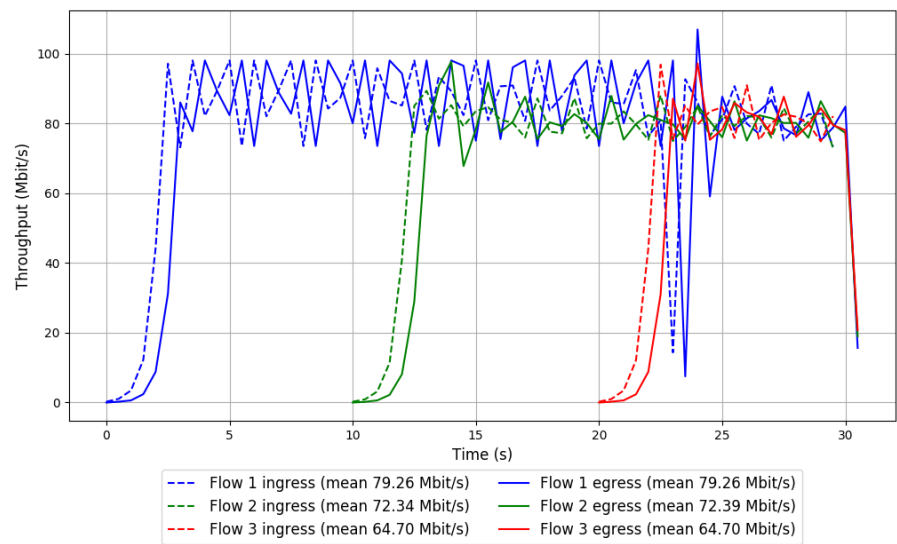


Run 5: Statistics of TCP BBR

Start at: 2018-07-11 04:07:25
End at: 2018-07-11 04:07:55
Local clock offset: -0.069 ms
Remote clock offset: -0.066 ms

Below is generated by plot.py at 2018-07-11 06:41:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 148.95 Mbit/s
95th percentile per-packet one-way delay: 136.728 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 79.26 Mbit/s
95th percentile per-packet one-way delay: 136.771 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 72.39 Mbit/s
95th percentile per-packet one-way delay: 136.594 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 64.70 Mbit/s
95th percentile per-packet one-way delay: 136.728 ms
Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link

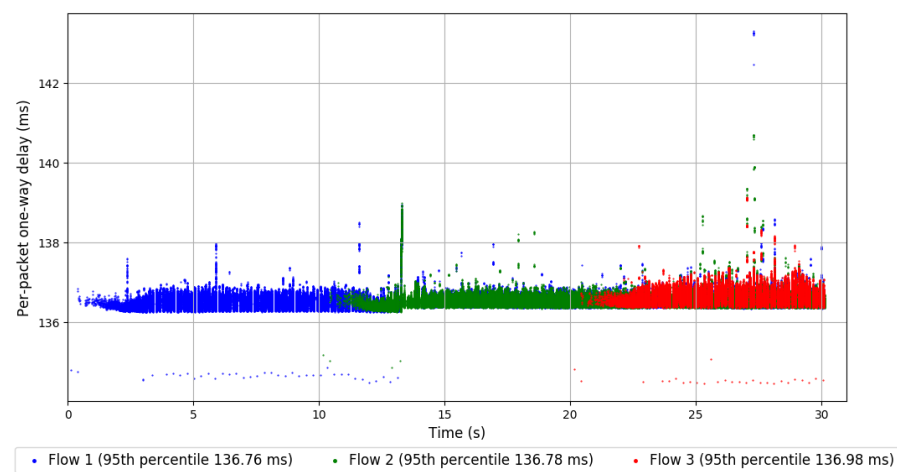
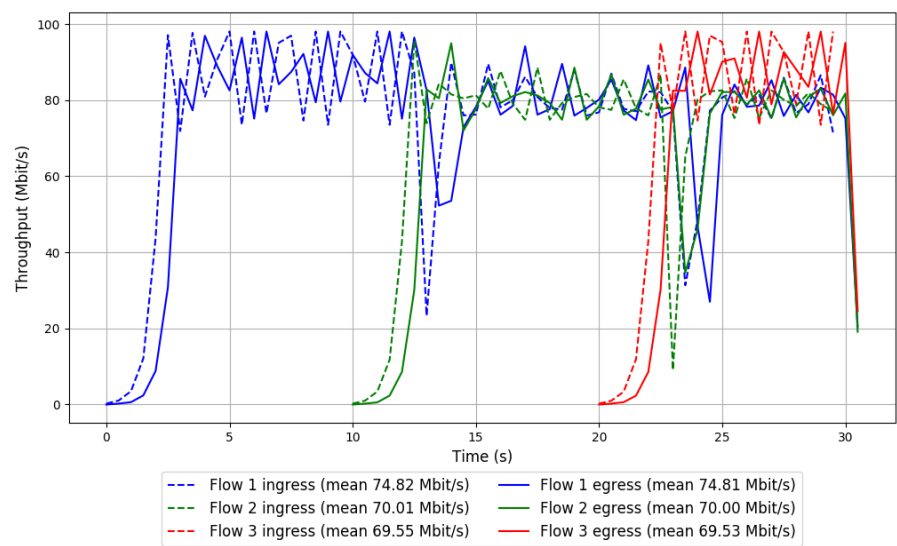


Run 6: Statistics of TCP BBR

Start at: 2018-07-11 04:33:38
End at: 2018-07-11 04:34:08
Local clock offset: -0.013 ms
Remote clock offset: -0.094 ms

Below is generated by plot.py at 2018-07-11 06:41:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 144.51 Mbit/s
95th percentile per-packet one-way delay: 136.828 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 74.81 Mbit/s
95th percentile per-packet one-way delay: 136.757 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 70.00 Mbit/s
95th percentile per-packet one-way delay: 136.782 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 69.53 Mbit/s
95th percentile per-packet one-way delay: 136.978 ms
Loss rate: 0.00%

Run 6: Report of TCP BBR — Data Link

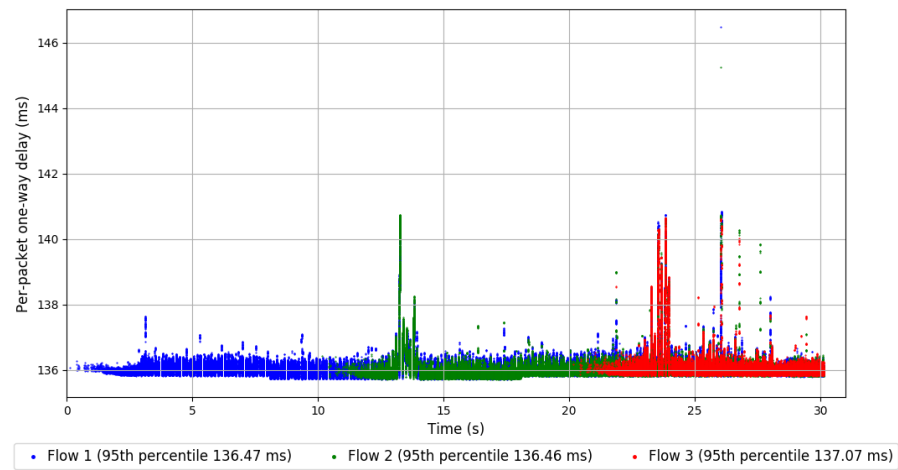
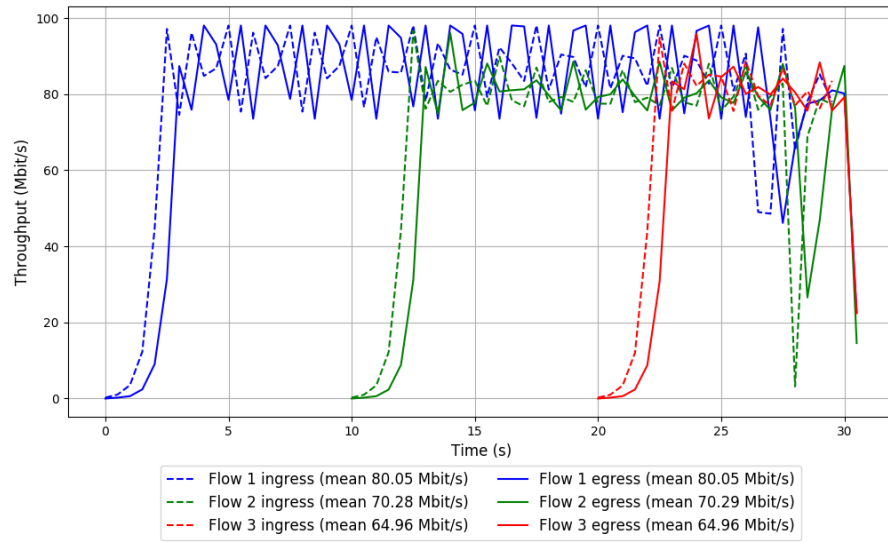


Run 7: Statistics of TCP BBR

Start at: 2018-07-11 05:00:34
End at: 2018-07-11 05:01:04
Local clock offset: -0.079 ms
Remote clock offset: -0.049 ms

Below is generated by plot.py at 2018-07-11 06:41:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 148.49 Mbit/s
95th percentile per-packet one-way delay: 136.509 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.05 Mbit/s
95th percentile per-packet one-way delay: 136.470 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 70.29 Mbit/s
95th percentile per-packet one-way delay: 136.460 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 64.96 Mbit/s
95th percentile per-packet one-way delay: 137.074 ms
Loss rate: 0.00%

Run 7: Report of TCP BBR — Data Link

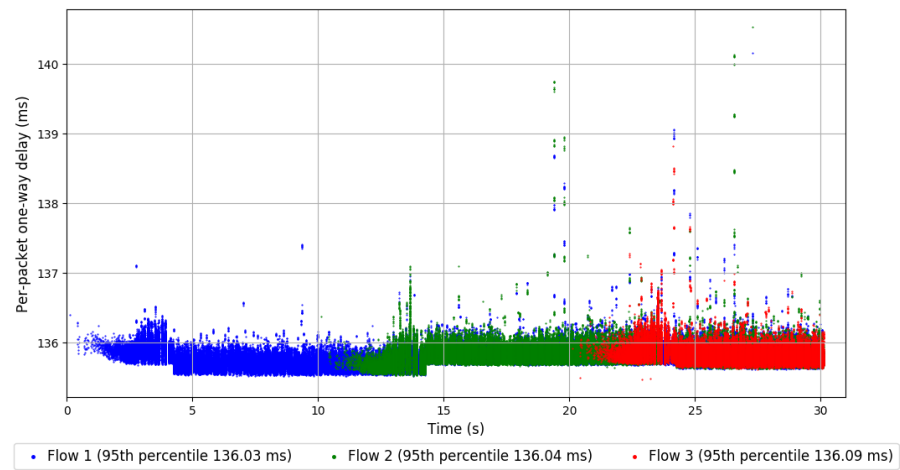
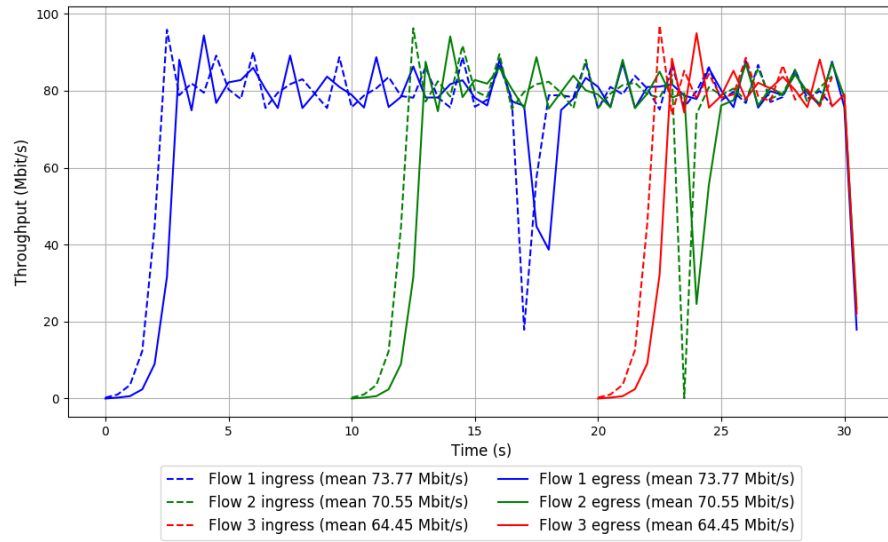


Run 8: Statistics of TCP BBR

Start at: 2018-07-11 05:27:48
End at: 2018-07-11 05:28:18
Local clock offset: 0.128 ms
Remote clock offset: -0.032 ms

Below is generated by plot.py at 2018-07-11 06:41:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 142.14 Mbit/s
95th percentile per-packet one-way delay: 136.043 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 73.77 Mbit/s
95th percentile per-packet one-way delay: 136.028 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 70.55 Mbit/s
95th percentile per-packet one-way delay: 136.045 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 64.45 Mbit/s
95th percentile per-packet one-way delay: 136.091 ms
Loss rate: 0.00%

Run 8: Report of TCP BBR — Data Link

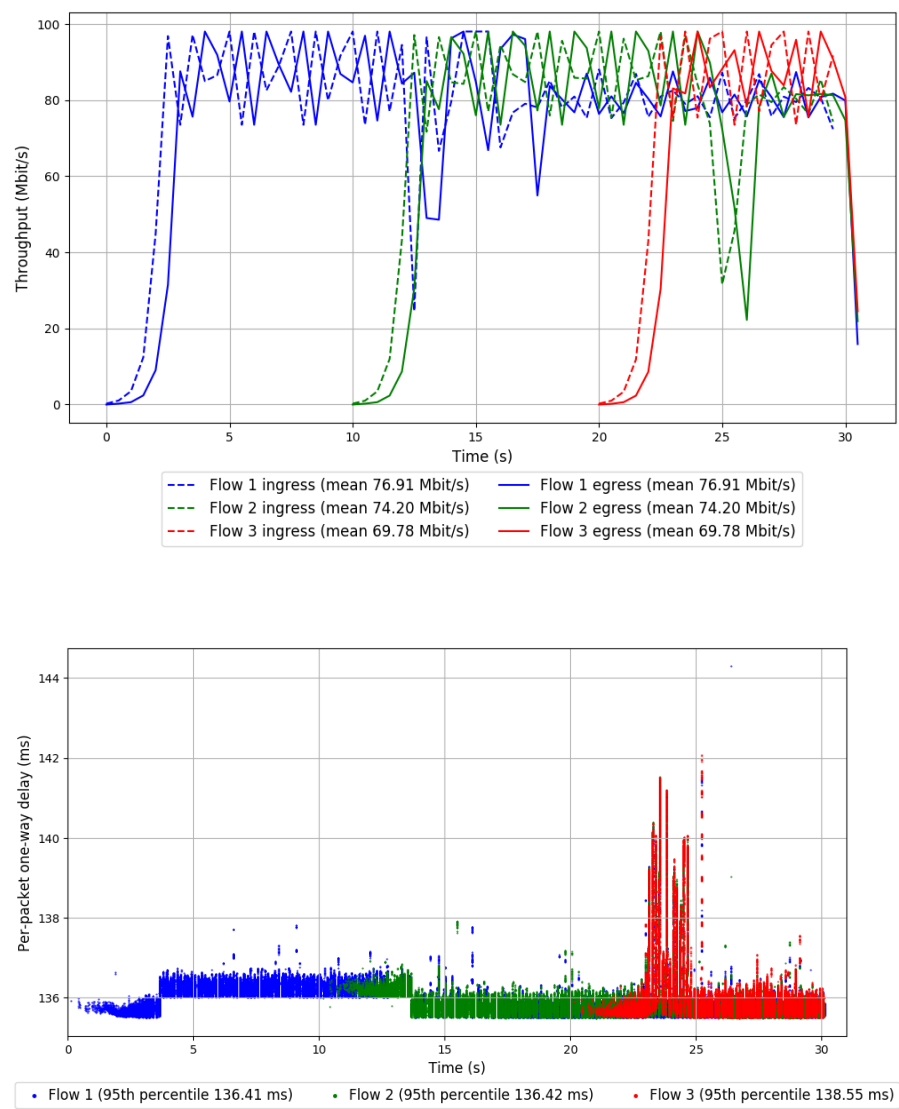


Run 9: Statistics of TCP BBR

Start at: 2018-07-11 05:54:48
End at: 2018-07-11 05:55:18
Local clock offset: -0.224 ms
Remote clock offset: -0.414 ms

Below is generated by plot.py at 2018-07-11 06:43:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 149.38 Mbit/s
95th percentile per-packet one-way delay: 136.482 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 76.91 Mbit/s
95th percentile per-packet one-way delay: 136.405 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 74.20 Mbit/s
95th percentile per-packet one-way delay: 136.419 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 69.78 Mbit/s
95th percentile per-packet one-way delay: 138.550 ms
Loss rate: 0.00%

Run 9: Report of TCP BBR — Data Link

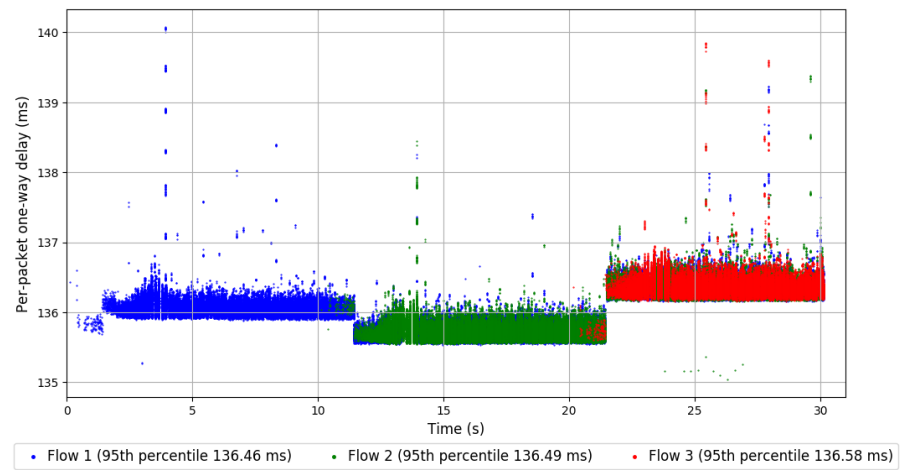
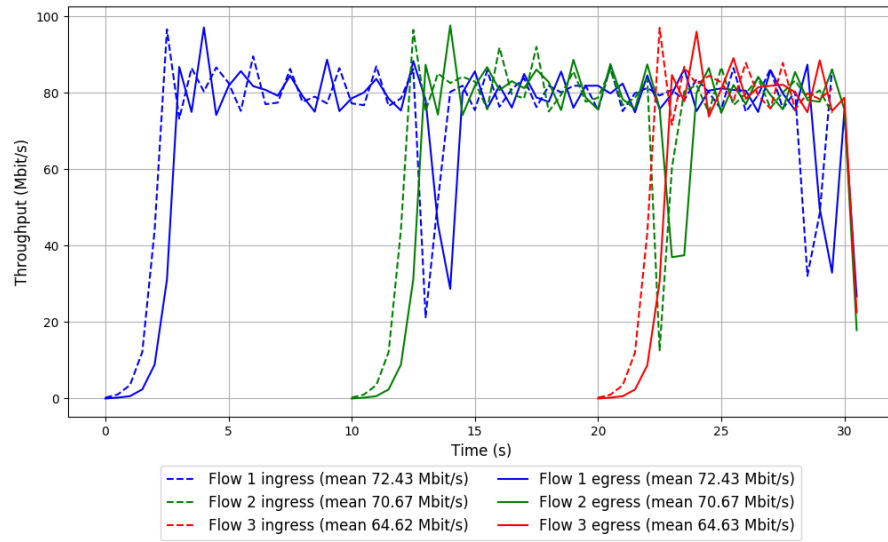


Run 10: Statistics of TCP BBR

Start at: 2018-07-11 06:22:00
End at: 2018-07-11 06:22:30
Local clock offset: -0.137 ms
Remote clock offset: -0.432 ms

Below is generated by plot.py at 2018-07-11 06:43:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 140.93 Mbit/s
95th percentile per-packet one-way delay: 136.498 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 72.43 Mbit/s
95th percentile per-packet one-way delay: 136.458 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 70.67 Mbit/s
95th percentile per-packet one-way delay: 136.488 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 64.63 Mbit/s
95th percentile per-packet one-way delay: 136.584 ms
Loss rate: 0.00%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

Start at: 2018-07-11 01:55:45

End at: 2018-07-11 01:56:15

Local clock offset: 0.099 ms

Remote clock offset: 0.181 ms

Below is generated by plot.py at 2018-07-11 06:49:56

Datalink statistics

-- Total of 3 flows:

Average throughput: 277.80 Mbit/s

95th percentile per-packet one-way delay: 176.033 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 177.55 Mbit/s

95th percentile per-packet one-way delay: 174.982 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 117.14 Mbit/s

95th percentile per-packet one-way delay: 186.255 ms

Loss rate: 0.14%

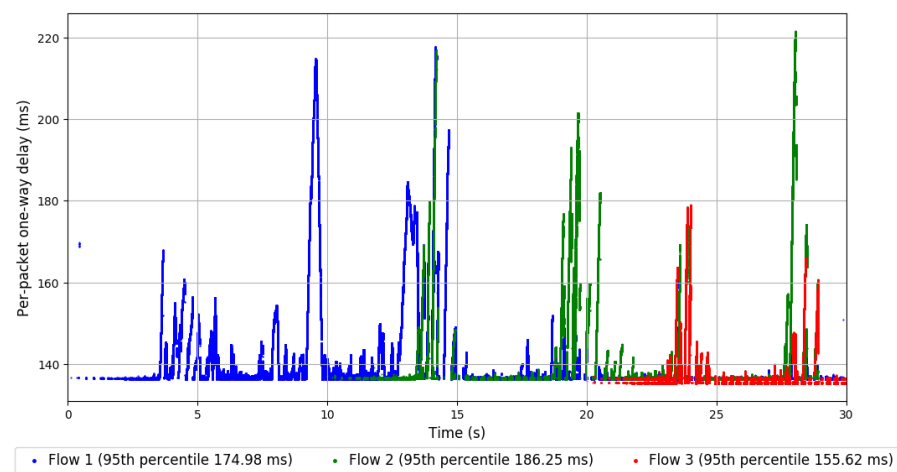
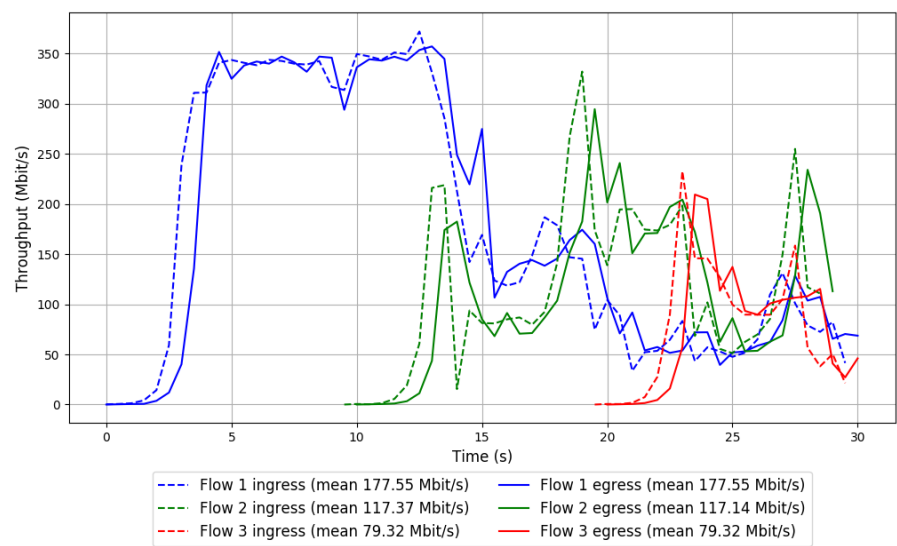
-- Flow 3:

Average throughput: 79.32 Mbit/s

95th percentile per-packet one-way delay: 155.616 ms

Loss rate: 0.00%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-07-11 02:22:32

End at: 2018-07-11 02:23:02

Local clock offset: 0.171 ms

Remote clock offset: 0.219 ms

Below is generated by plot.py at 2018-07-11 06:49:56

Datalink statistics

-- Total of 3 flows:

Average throughput: 207.05 Mbit/s

95th percentile per-packet one-way delay: 149.641 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 104.95 Mbit/s

95th percentile per-packet one-way delay: 142.910 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 129.30 Mbit/s

95th percentile per-packet one-way delay: 154.196 ms

Loss rate: 0.00%

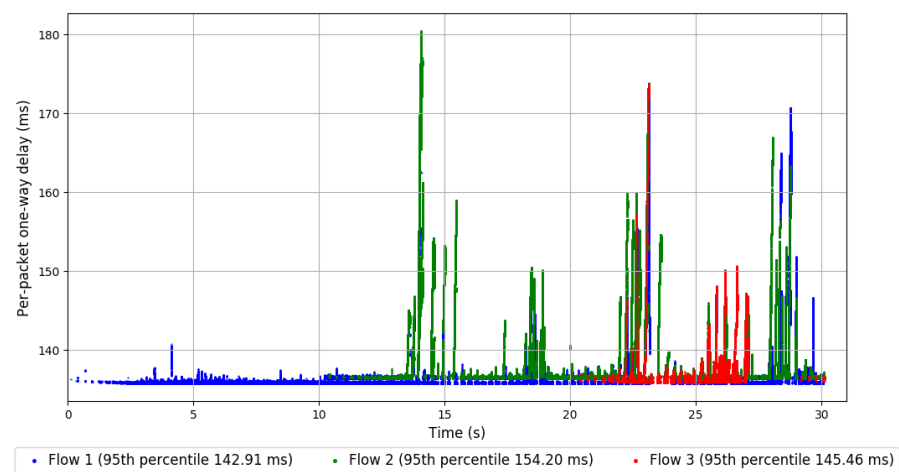
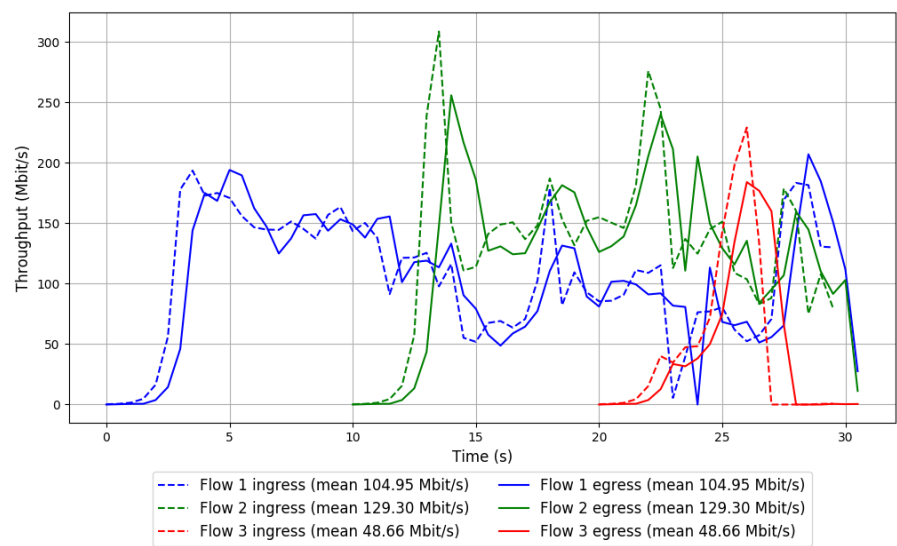
-- Flow 3:

Average throughput: 48.66 Mbit/s

95th percentile per-packet one-way delay: 145.456 ms

Loss rate: 0.00%

Run 2: Report of Copa — Data Link

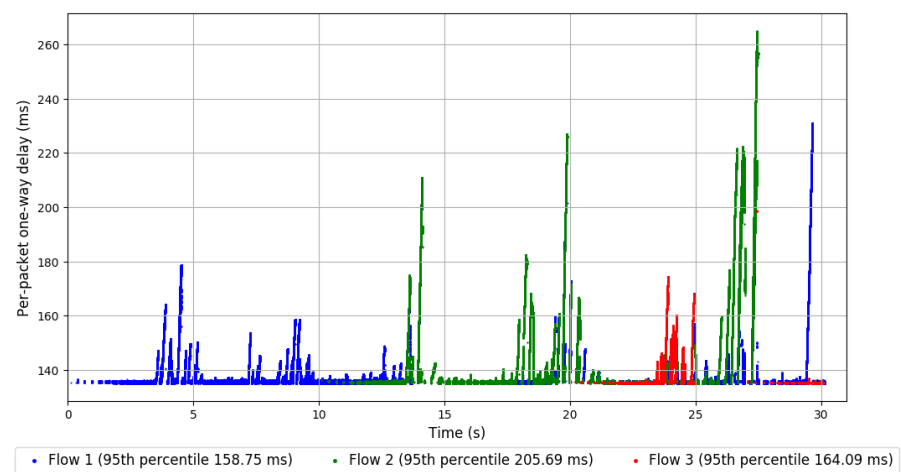
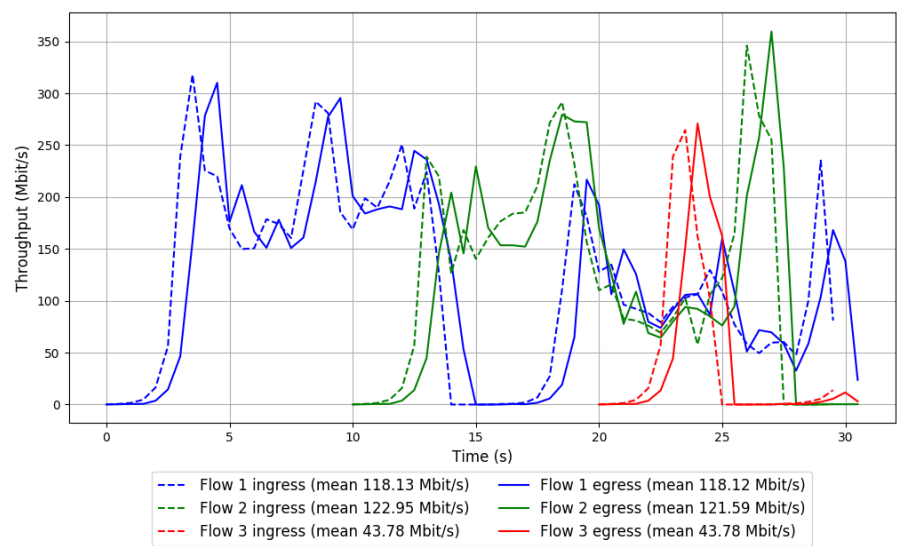


Run 3: Statistics of Copa

Start at: 2018-07-11 02:49:32
End at: 2018-07-11 02:50:02
Local clock offset: 0.14 ms
Remote clock offset: -0.451 ms

Below is generated by plot.py at 2018-07-11 06:49:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 213.36 Mbit/s
95th percentile per-packet one-way delay: 180.057 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 118.12 Mbit/s
95th percentile per-packet one-way delay: 158.750 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 121.59 Mbit/s
95th percentile per-packet one-way delay: 205.688 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 43.78 Mbit/s
95th percentile per-packet one-way delay: 164.086 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link

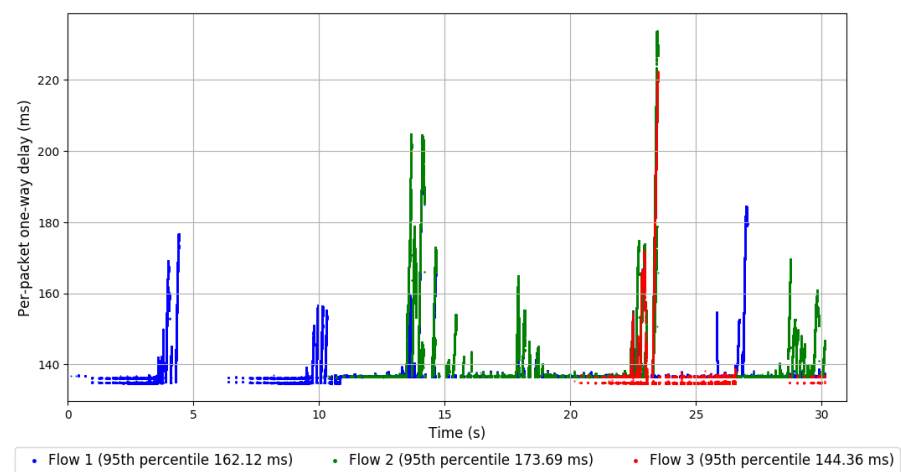
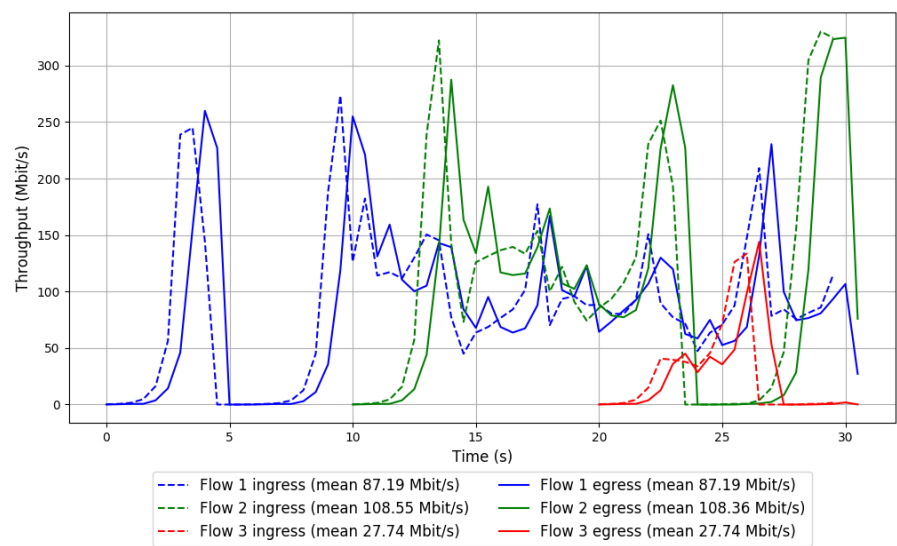


Run 4: Statistics of Copa

Start at: 2018-07-11 03:16:41
End at: 2018-07-11 03:17:11
Local clock offset: -0.311 ms
Remote clock offset: -0.131 ms

Below is generated by plot.py at 2018-07-11 06:49:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 168.59 Mbit/s
95th percentile per-packet one-way delay: 168.962 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 87.19 Mbit/s
95th percentile per-packet one-way delay: 162.116 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 108.36 Mbit/s
95th percentile per-packet one-way delay: 173.688 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 27.74 Mbit/s
95th percentile per-packet one-way delay: 144.360 ms
Loss rate: 0.00%

Run 4: Report of Copa — Data Link

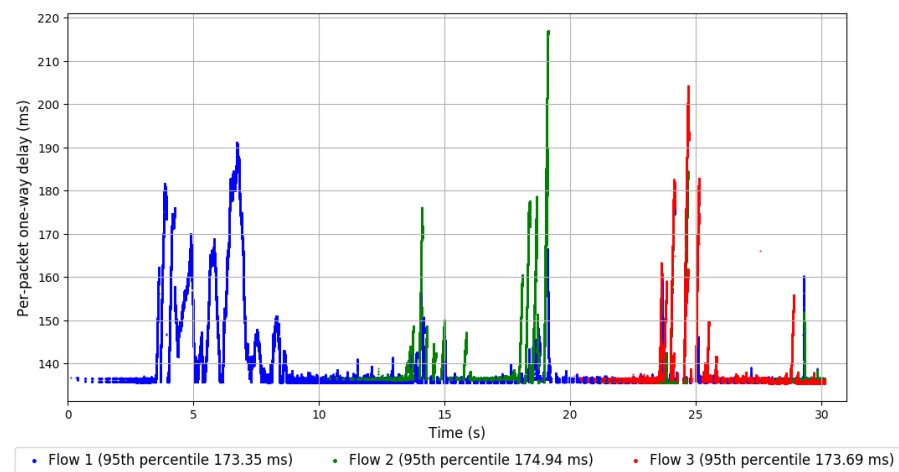
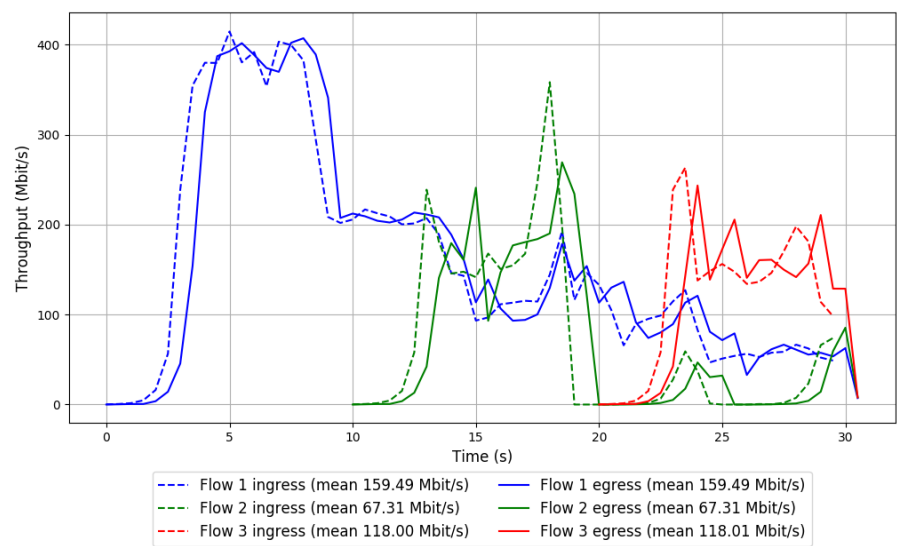


Run 5: Statistics of Copa

Start at: 2018-07-11 03:43:54
End at: 2018-07-11 03:44:24
Local clock offset: -0.072 ms
Remote clock offset: -0.112 ms

Below is generated by plot.py at 2018-07-11 06:49:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 243.54 Mbit/s
95th percentile per-packet one-way delay: 173.619 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 159.49 Mbit/s
95th percentile per-packet one-way delay: 173.348 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 67.31 Mbit/s
95th percentile per-packet one-way delay: 174.941 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 118.01 Mbit/s
95th percentile per-packet one-way delay: 173.692 ms
Loss rate: 0.00%

Run 5: Report of Copa — Data Link

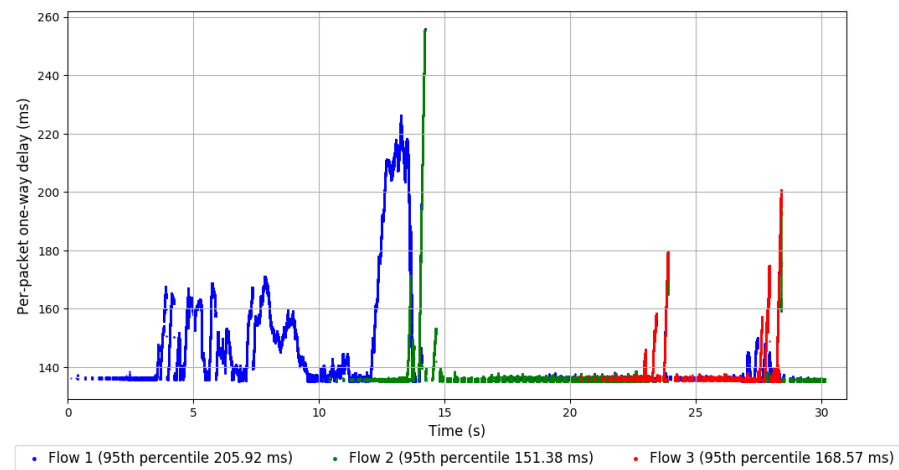
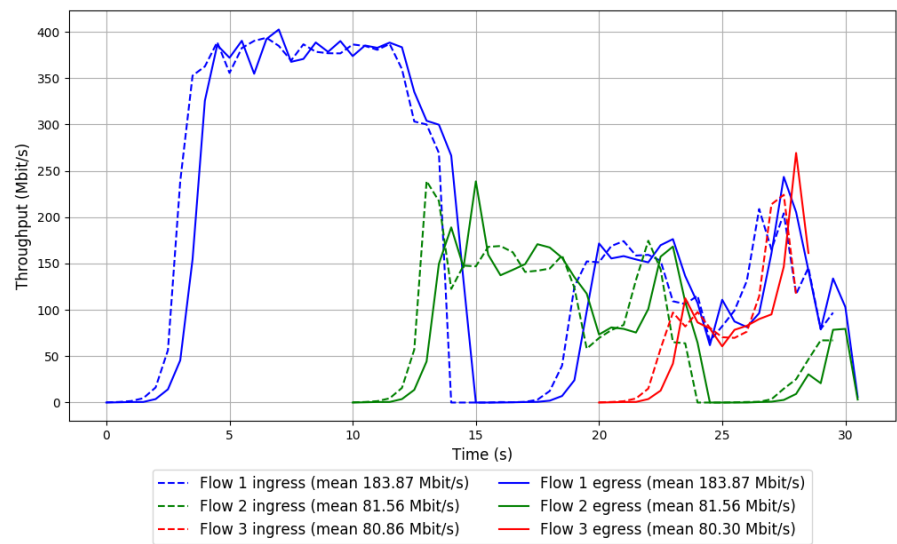


Run 6: Statistics of Copa

Start at: 2018-07-11 04:10:25
End at: 2018-07-11 04:10:55
Local clock offset: -0.059 ms
Remote clock offset: -0.106 ms

Below is generated by plot.py at 2018-07-11 06:49:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 260.08 Mbit/s
95th percentile per-packet one-way delay: 189.708 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 183.87 Mbit/s
95th percentile per-packet one-way delay: 205.924 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 81.56 Mbit/s
95th percentile per-packet one-way delay: 151.379 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 80.30 Mbit/s
95th percentile per-packet one-way delay: 168.572 ms
Loss rate: 0.00%

Run 6: Report of Copa — Data Link

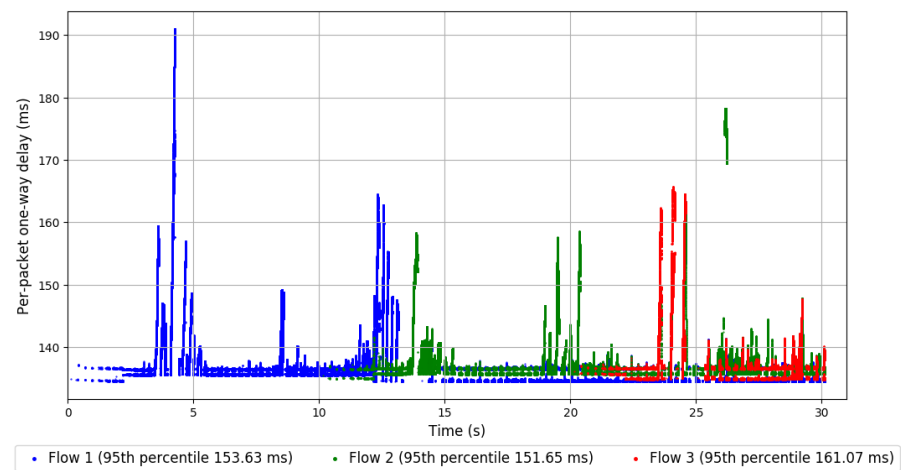
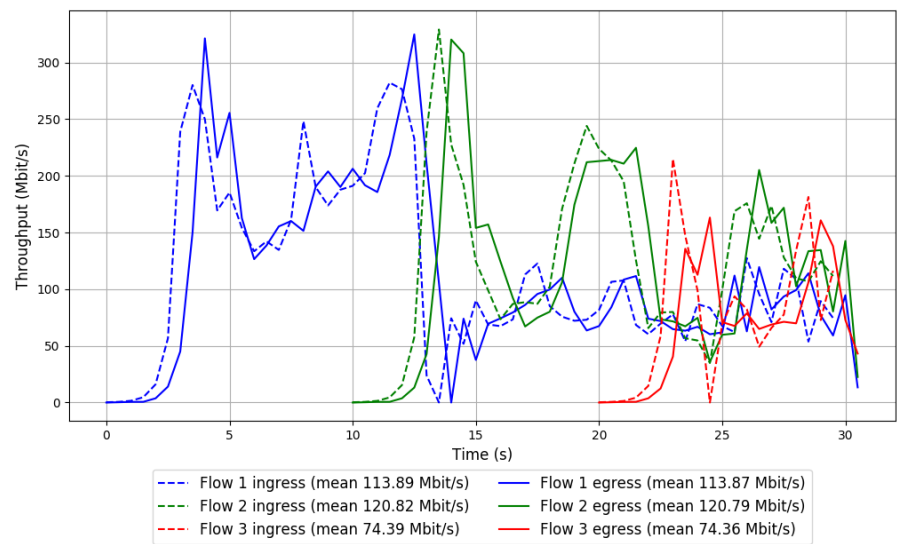


Run 7: Statistics of Copa

Start at: 2018-07-11 04:36:40
End at: 2018-07-11 04:37:10
Local clock offset: -0.067 ms
Remote clock offset: -0.055 ms

Below is generated by plot.py at 2018-07-11 06:50:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 219.05 Mbit/s
95th percentile per-packet one-way delay: 153.576 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 113.87 Mbit/s
95th percentile per-packet one-way delay: 153.626 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 120.79 Mbit/s
95th percentile per-packet one-way delay: 151.646 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 74.36 Mbit/s
95th percentile per-packet one-way delay: 161.072 ms
Loss rate: 0.02%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2018-07-11 05:03:35

End at: 2018-07-11 05:04:05

Local clock offset: 0.057 ms

Remote clock offset: 0.382 ms

Below is generated by plot.py at 2018-07-11 06:53:08

Datalink statistics

-- Total of 3 flows:

Average throughput: 278.13 Mbit/s

95th percentile per-packet one-way delay: 156.868 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 154.04 Mbit/s

95th percentile per-packet one-way delay: 150.647 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 137.67 Mbit/s

95th percentile per-packet one-way delay: 173.167 ms

Loss rate: 0.00%

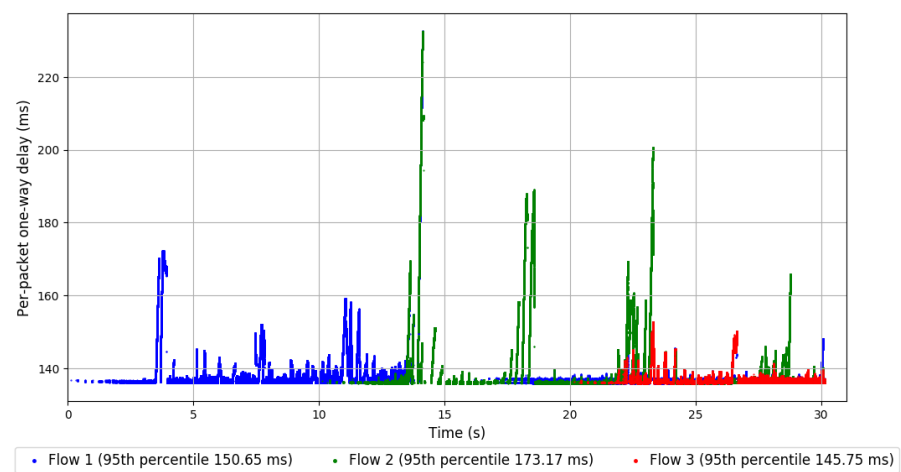
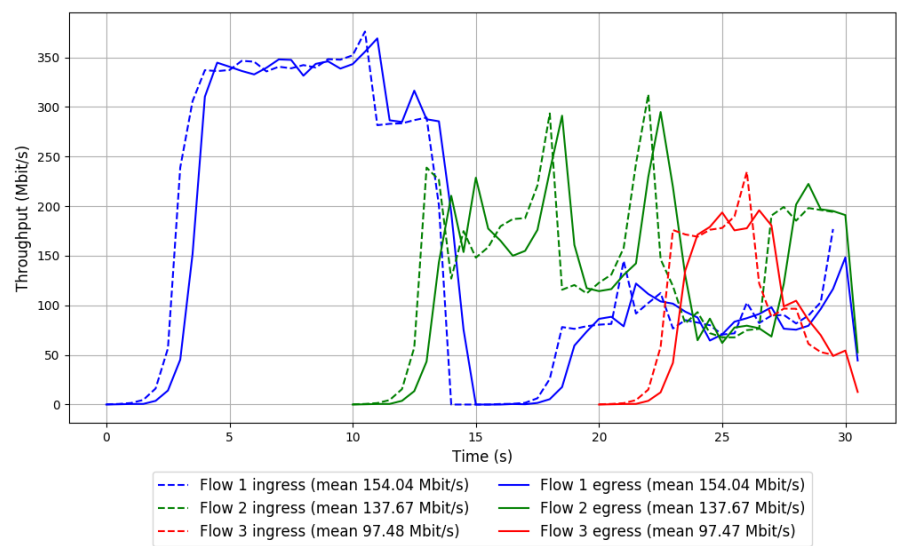
-- Flow 3:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 145.750 ms

Loss rate: 0.00%

Run 8: Report of Copa — Data Link

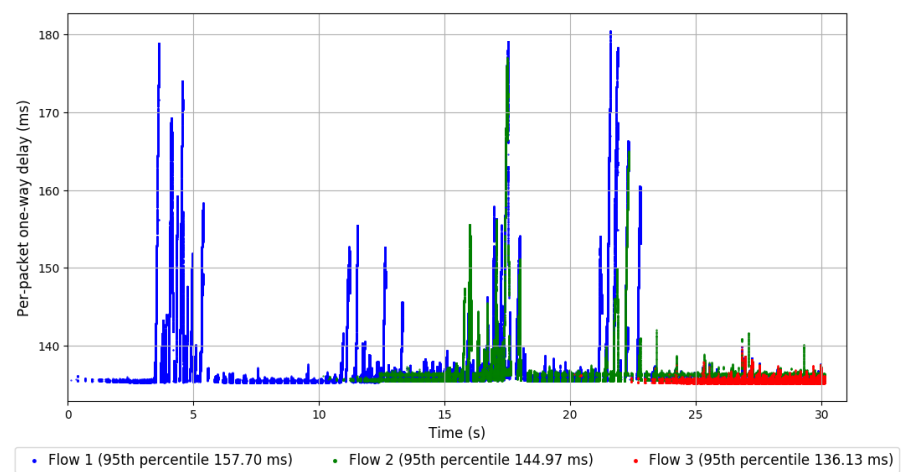
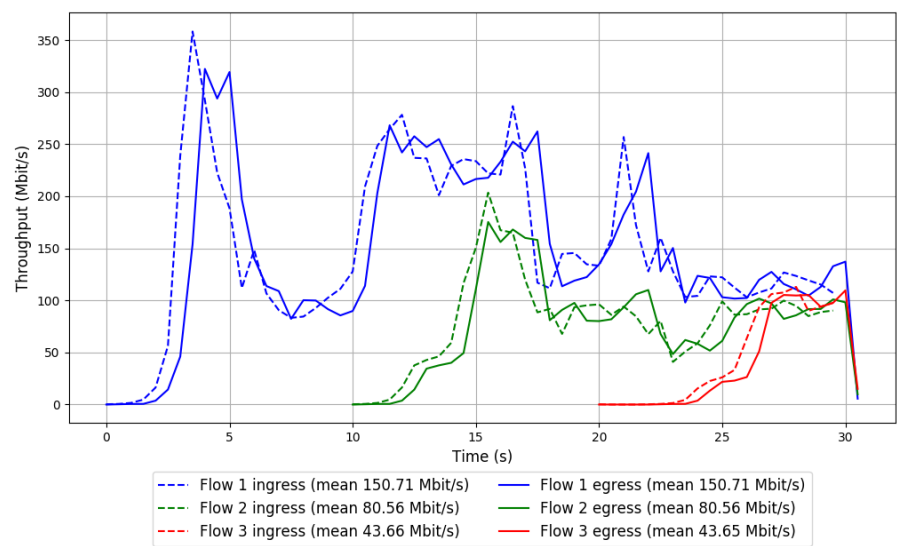


Run 9: Statistics of Copa

Start at: 2018-07-11 05:30:49
End at: 2018-07-11 05:31:19
Local clock offset: -0.11 ms
Remote clock offset: -0.414 ms

Below is generated by plot.py at 2018-07-11 06:53:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 218.88 Mbit/s
95th percentile per-packet one-way delay: 154.473 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 150.71 Mbit/s
95th percentile per-packet one-way delay: 157.700 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 80.56 Mbit/s
95th percentile per-packet one-way delay: 144.968 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 43.65 Mbit/s
95th percentile per-packet one-way delay: 136.133 ms
Loss rate: 0.03%

Run 9: Report of Copa — Data Link

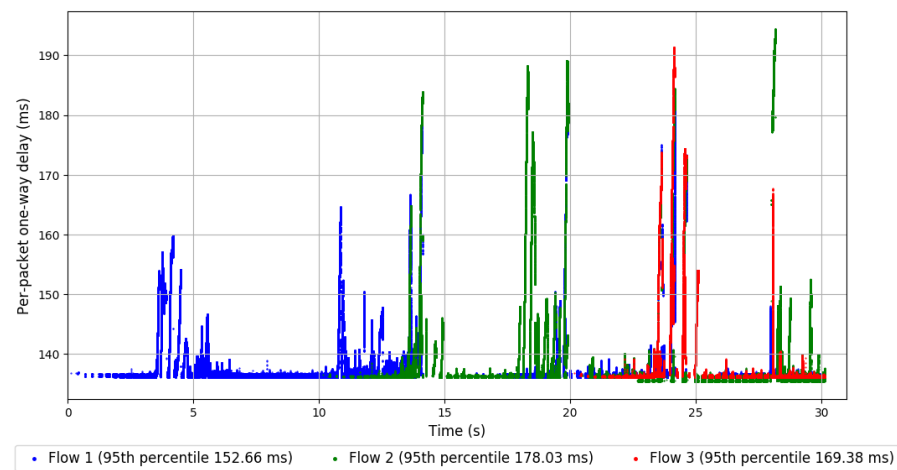
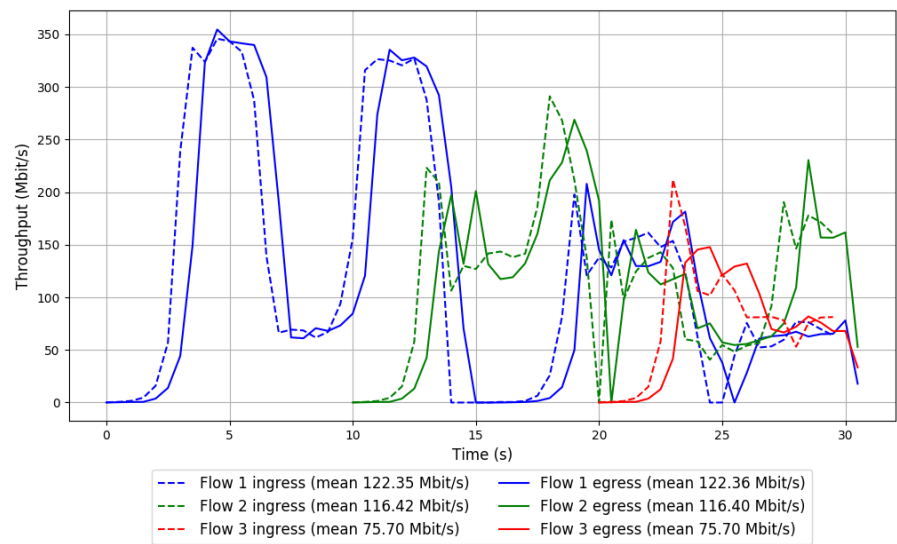


Run 10: Statistics of Copa

Start at: 2018-07-11 05:57:49
End at: 2018-07-11 05:58:19
Local clock offset: 0.079 ms
Remote clock offset: -0.047 ms

Below is generated by plot.py at 2018-07-11 06:55:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 225.05 Mbit/s
95th percentile per-packet one-way delay: 161.477 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 122.36 Mbit/s
95th percentile per-packet one-way delay: 152.658 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 116.40 Mbit/s
95th percentile per-packet one-way delay: 178.032 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 75.70 Mbit/s
95th percentile per-packet one-way delay: 169.381 ms
Loss rate: 0.00%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2018-07-11 02:15:29

End at: 2018-07-11 02:15:59

Local clock offset: -0.037 ms

Remote clock offset: 0.232 ms

Below is generated by plot.py at 2018-07-11 06:55:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 135.95 Mbit/s

95th percentile per-packet one-way delay: 144.212 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 65.94 Mbit/s

95th percentile per-packet one-way delay: 143.563 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 81.61 Mbit/s

95th percentile per-packet one-way delay: 144.082 ms

Loss rate: 0.00%

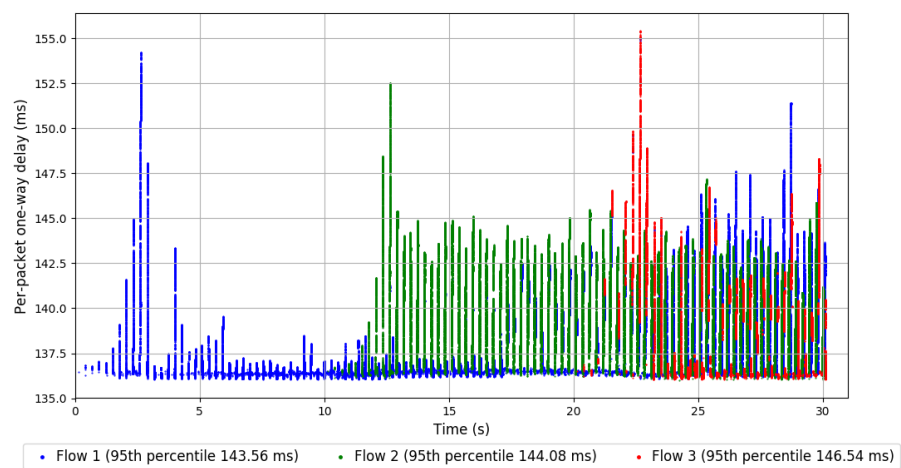
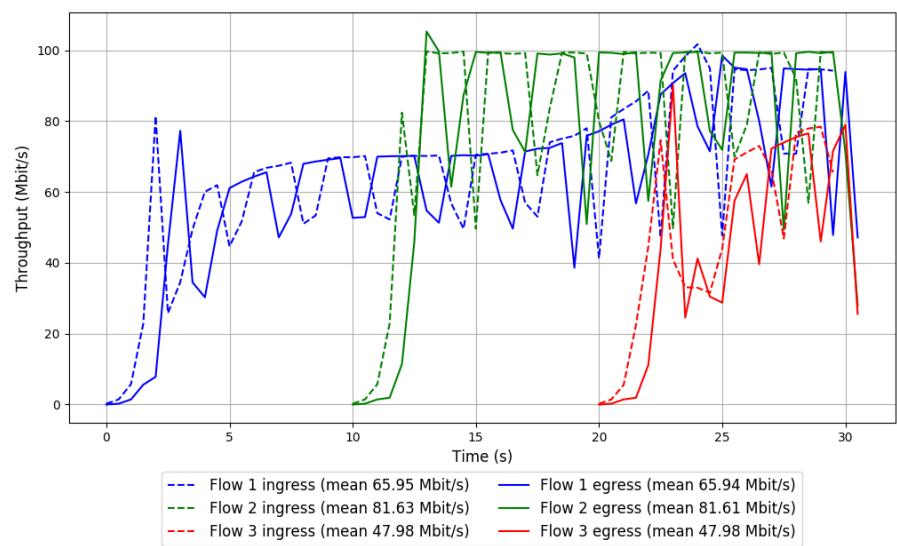
-- Flow 3:

Average throughput: 47.98 Mbit/s

95th percentile per-packet one-way delay: 146.539 ms

Loss rate: 0.00%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2018-07-11 02:42:03

End at: 2018-07-11 02:42:33

Local clock offset: -0.132 ms

Remote clock offset: 0.228 ms

Below is generated by plot.py at 2018-07-11 06:55:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 100.35 Mbit/s

95th percentile per-packet one-way delay: 140.540 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 56.88 Mbit/s

95th percentile per-packet one-way delay: 138.880 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 47.98 Mbit/s

95th percentile per-packet one-way delay: 141.301 ms

Loss rate: 0.00%

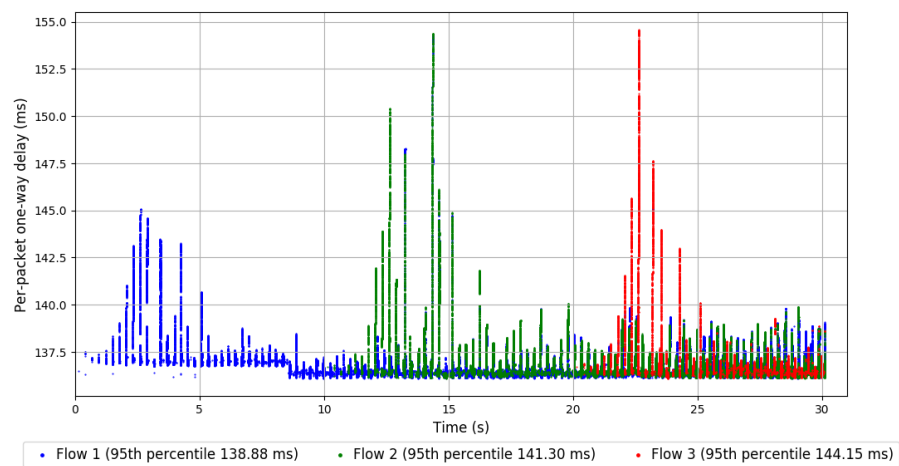
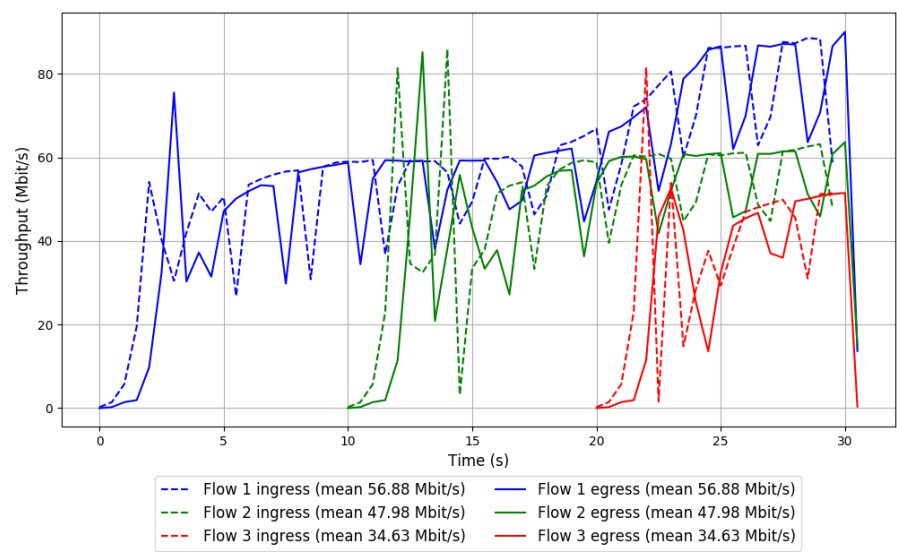
-- Flow 3:

Average throughput: 34.63 Mbit/s

95th percentile per-packet one-way delay: 144.145 ms

Loss rate: 0.00%

Run 2: Report of TCP Cubic — Data Link

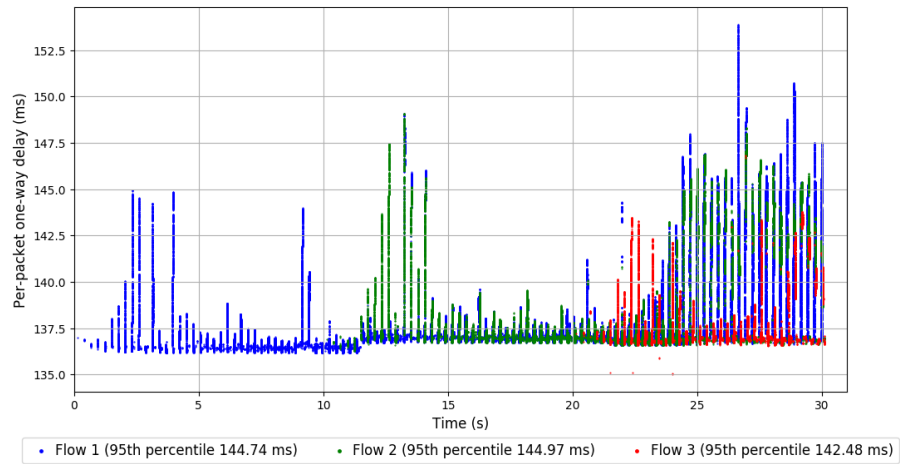
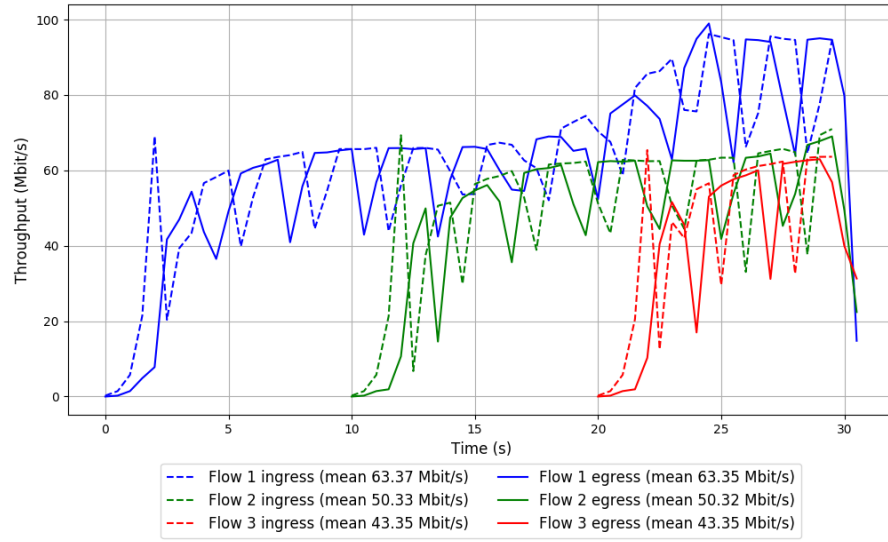


Run 3: Statistics of TCP Cubic

Start at: 2018-07-11 03:09:10
End at: 2018-07-11 03:09:40
Local clock offset: -0.135 ms
Remote clock offset: 0.185 ms

Below is generated by plot.py at 2018-07-11 06:55:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 111.06 Mbit/s
95th percentile per-packet one-way delay: 144.670 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 63.35 Mbit/s
95th percentile per-packet one-way delay: 144.739 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 50.32 Mbit/s
95th percentile per-packet one-way delay: 144.972 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 43.35 Mbit/s
95th percentile per-packet one-way delay: 142.476 ms
Loss rate: 0.00%

Run 3: Report of TCP Cubic — Data Link

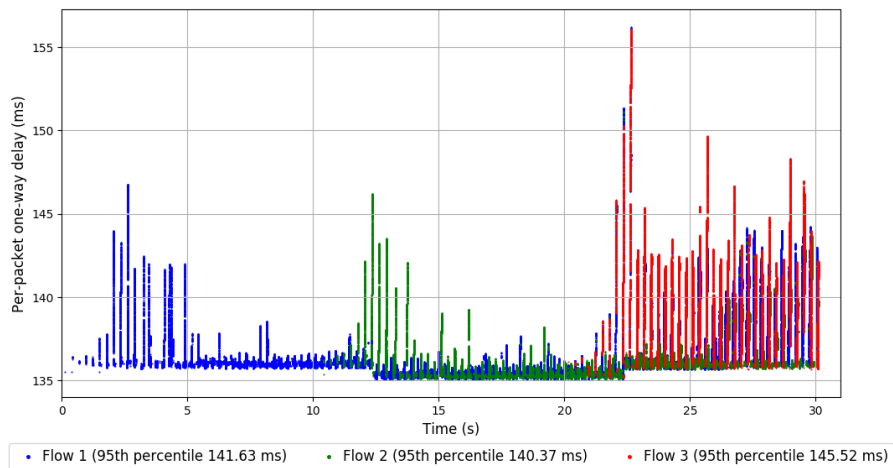
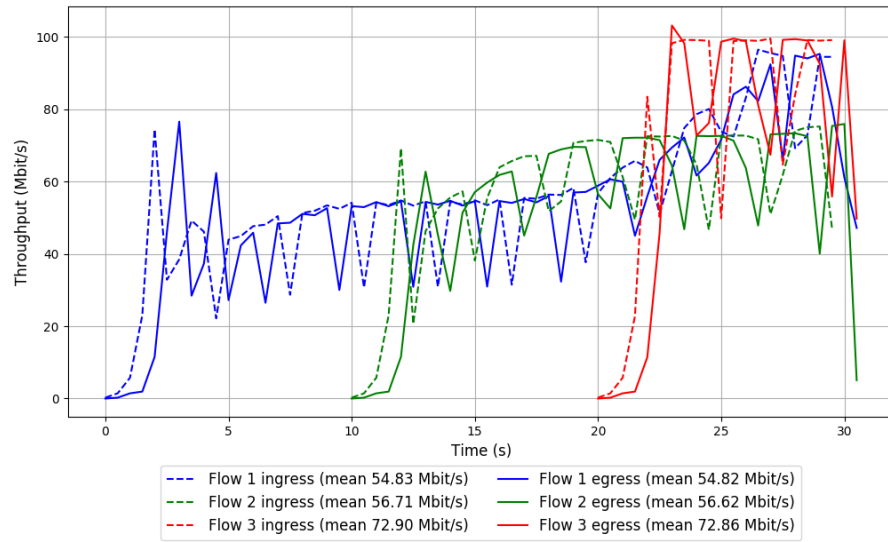


Run 4: Statistics of TCP Cubic

Start at: 2018-07-11 03:36:19
End at: 2018-07-11 03:36:49
Local clock offset: 0.185 ms
Remote clock offset: -0.488 ms

Below is generated by plot.py at 2018-07-11 06:55:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 116.67 Mbit/s
95th percentile per-packet one-way delay: 142.522 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 54.82 Mbit/s
95th percentile per-packet one-way delay: 141.634 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 56.62 Mbit/s
95th percentile per-packet one-way delay: 140.371 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 72.86 Mbit/s
95th percentile per-packet one-way delay: 145.516 ms
Loss rate: 0.00%

Run 4: Report of TCP Cubic — Data Link

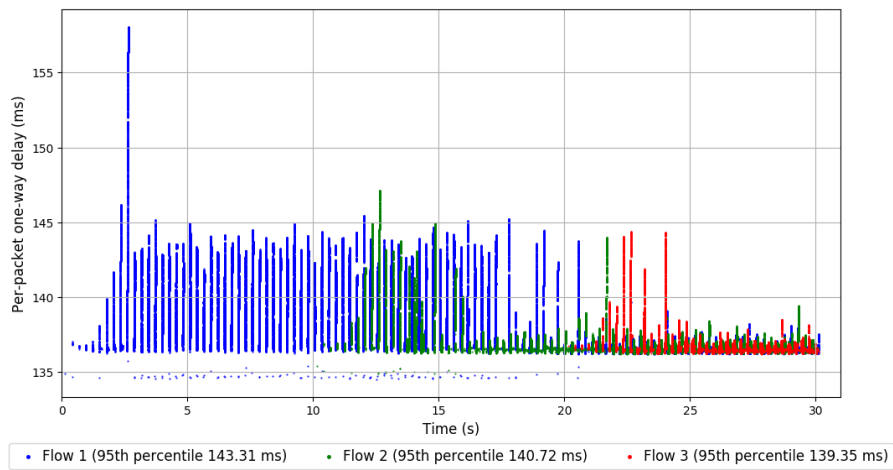
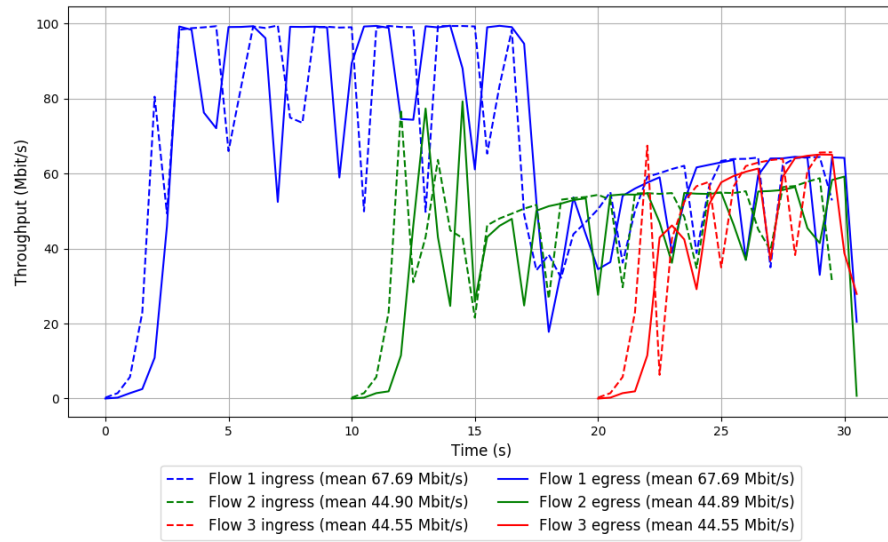


Run 5: Statistics of TCP Cubic

Start at: 2018-07-11 04:03:22
End at: 2018-07-11 04:03:52
Local clock offset: 0.001 ms
Remote clock offset: -0.106 ms

Below is generated by plot.py at 2018-07-11 06:55:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 112.37 Mbit/s
95th percentile per-packet one-way delay: 142.979 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 67.69 Mbit/s
95th percentile per-packet one-way delay: 143.308 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 44.89 Mbit/s
95th percentile per-packet one-way delay: 140.719 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 44.55 Mbit/s
95th percentile per-packet one-way delay: 139.352 ms
Loss rate: 0.00%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2018-07-11 04:29:40

End at: 2018-07-11 04:30:10

Local clock offset: 0.009 ms

Remote clock offset: -0.05 ms

Below is generated by plot.py at 2018-07-11 06:55:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 101.23 Mbit/s

95th percentile per-packet one-way delay: 143.130 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 62.76 Mbit/s

95th percentile per-packet one-way delay: 143.073 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 41.84 Mbit/s

95th percentile per-packet one-way delay: 139.443 ms

Loss rate: 0.00%

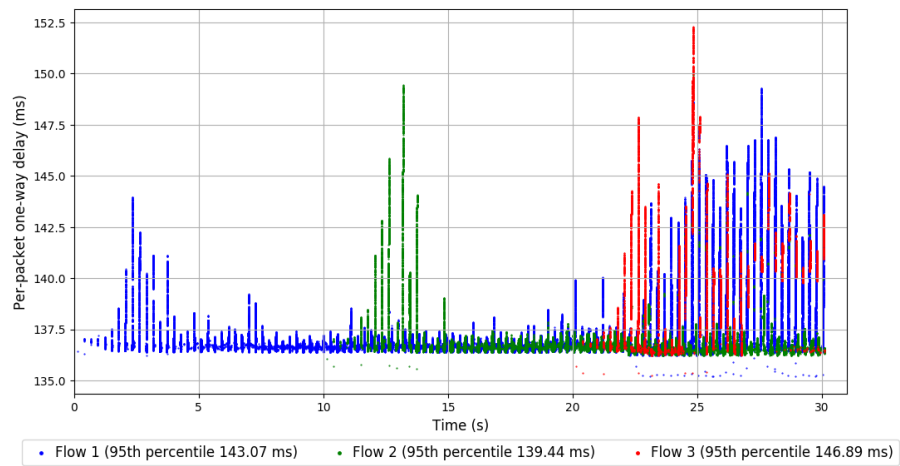
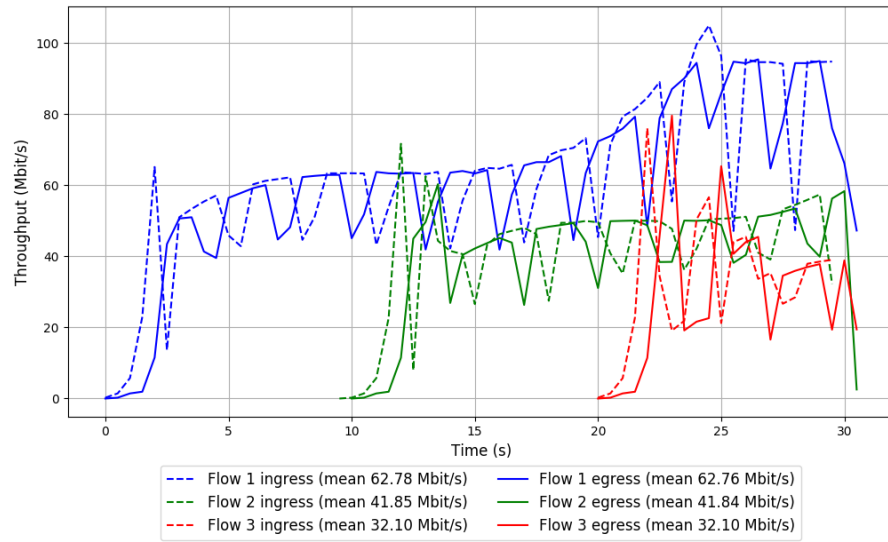
-- Flow 3:

Average throughput: 32.10 Mbit/s

95th percentile per-packet one-way delay: 146.892 ms

Loss rate: 0.00%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2018-07-11 04:56:21

End at: 2018-07-11 04:56:51

Local clock offset: -0.011 ms

Remote clock offset: 0.021 ms

Below is generated by plot.py at 2018-07-11 06:55:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 99.20 Mbit/s

95th percentile per-packet one-way delay: 140.997 ms

Loss rate: 0.07%

-- Flow 1:

Average throughput: 60.43 Mbit/s

95th percentile per-packet one-way delay: 140.388 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 39.85 Mbit/s

95th percentile per-packet one-way delay: 140.707 ms

Loss rate: 0.17%

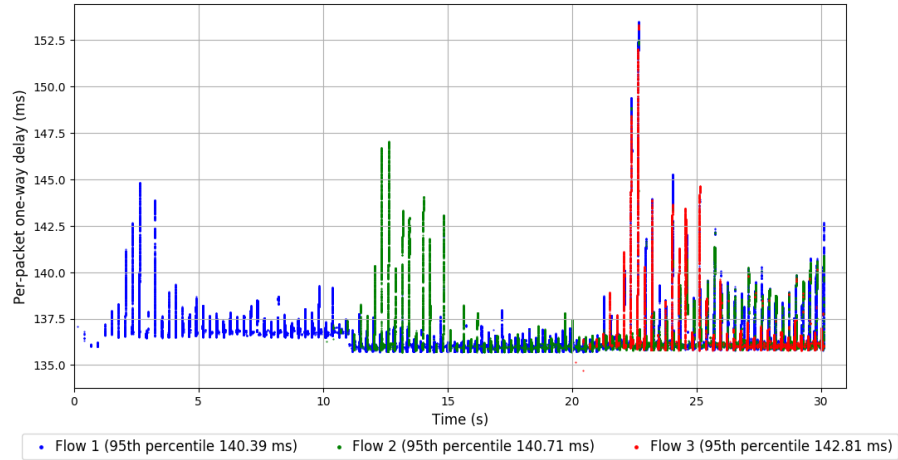
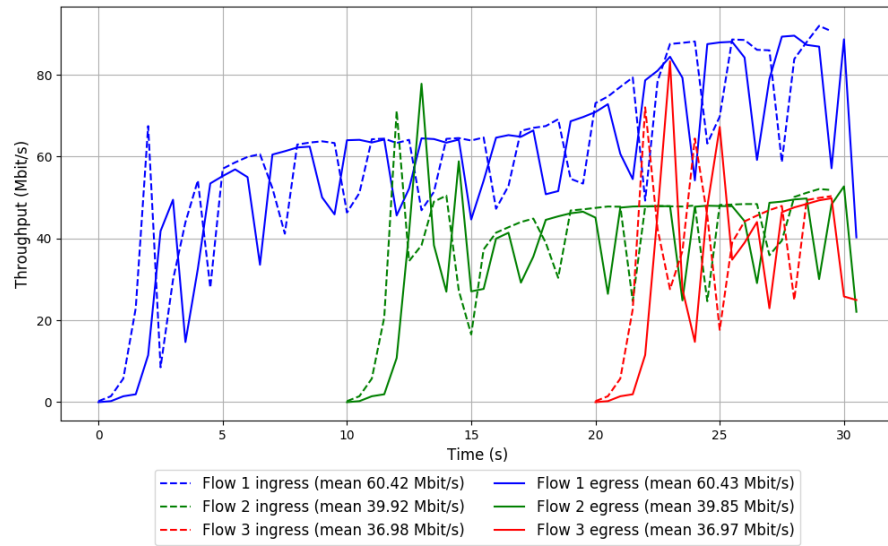
-- Flow 3:

Average throughput: 36.97 Mbit/s

95th percentile per-packet one-way delay: 142.813 ms

Loss rate: 0.00%

Run 7: Report of TCP Cubic — Data Link

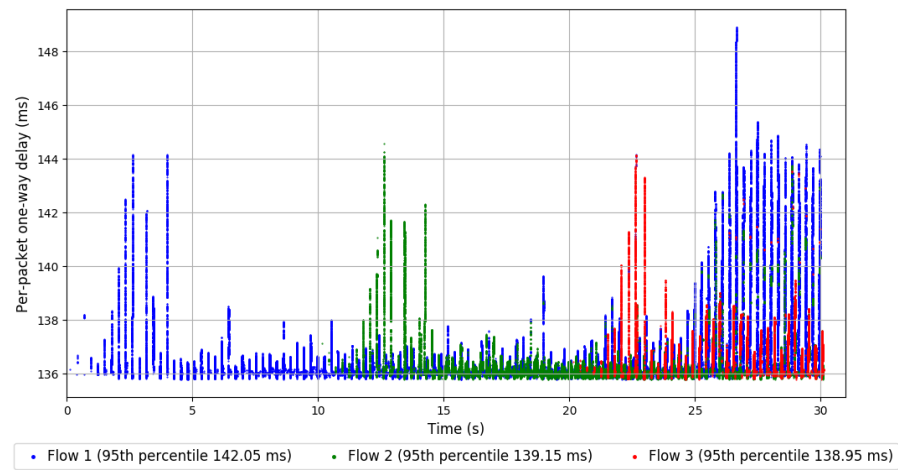
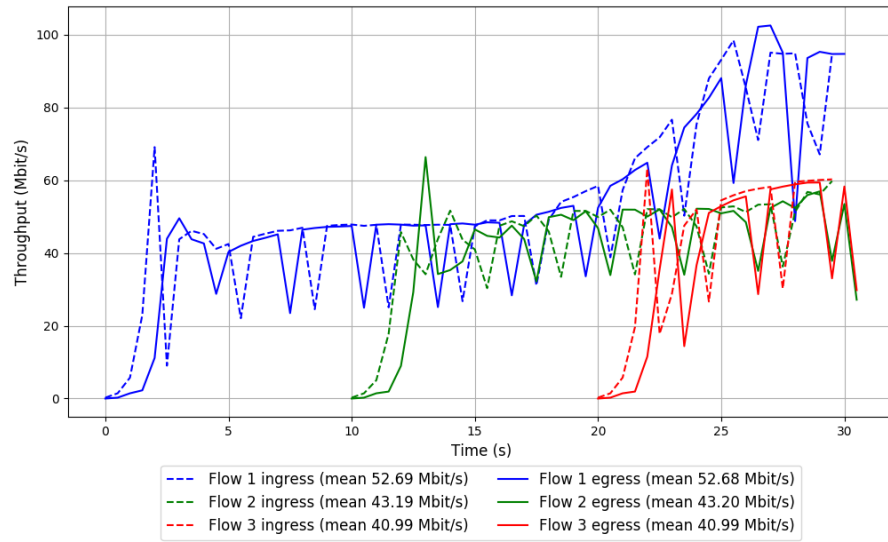


Run 8: Statistics of TCP Cubic

Start at: 2018-07-11 05:23:19
End at: 2018-07-11 05:23:49
Local clock offset: -0.047 ms
Remote clock offset: -0.026 ms

Below is generated by plot.py at 2018-07-11 06:55:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.81 Mbit/s
95th percentile per-packet one-way delay: 141.085 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 52.68 Mbit/s
95th percentile per-packet one-way delay: 142.050 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 43.20 Mbit/s
95th percentile per-packet one-way delay: 139.152 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 40.99 Mbit/s
95th percentile per-packet one-way delay: 138.946 ms
Loss rate: 0.00%

Run 8: Report of TCP Cubic — Data Link

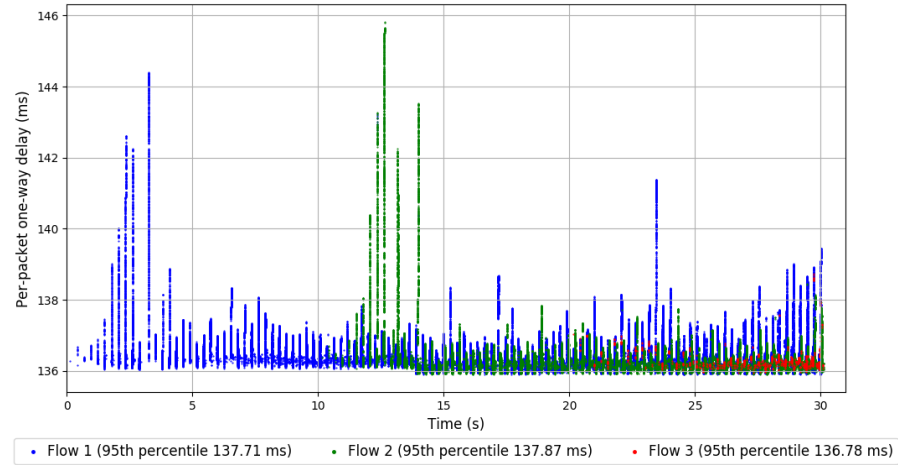
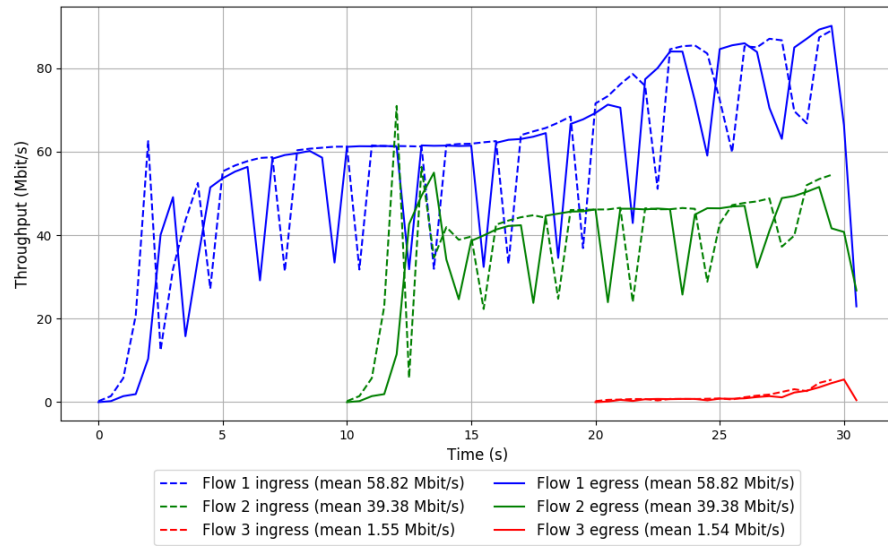


Run 9: Statistics of TCP Cubic

Start at: 2018-07-11 05:50:28
End at: 2018-07-11 05:50:58
Local clock offset: -0.235 ms
Remote clock offset: -0.001 ms

Below is generated by plot.py at 2018-07-11 06:55:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.40 Mbit/s
95th percentile per-packet one-way delay: 137.724 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.82 Mbit/s
95th percentile per-packet one-way delay: 137.707 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.38 Mbit/s
95th percentile per-packet one-way delay: 137.865 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.54 Mbit/s
95th percentile per-packet one-way delay: 136.782 ms
Loss rate: 0.31%

Run 9: Report of TCP Cubic — Data Link

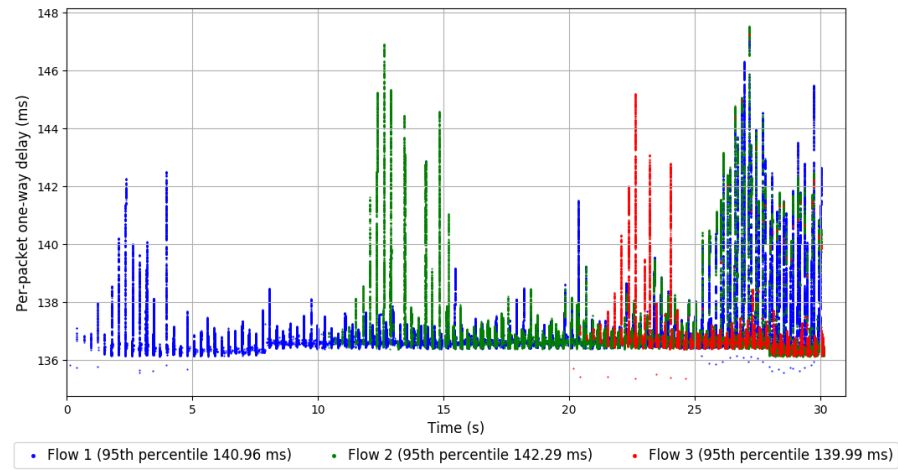
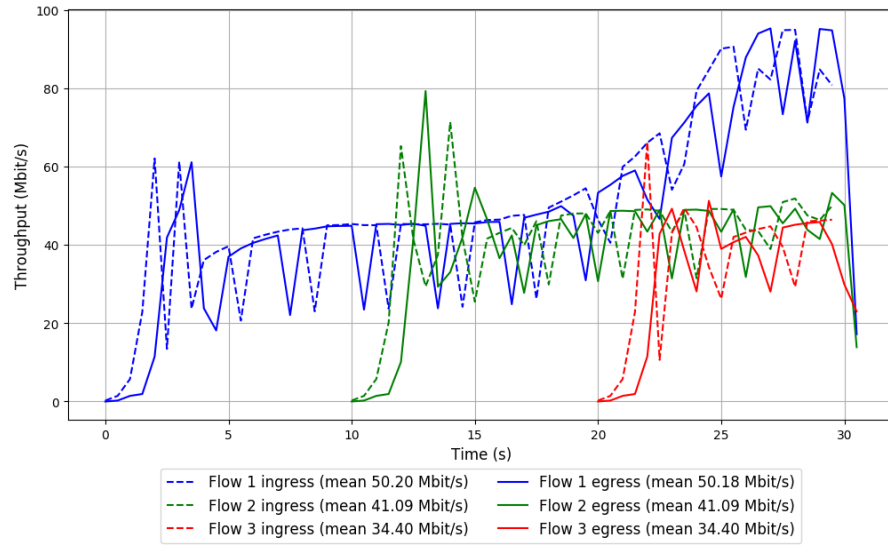


Run 10: Statistics of TCP Cubic

Start at: 2018-07-11 06:17:34
End at: 2018-07-11 06:18:04
Local clock offset: 0.03 ms
Remote clock offset: -0.019 ms

Below is generated by plot.py at 2018-07-11 06:55:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.83 Mbit/s
95th percentile per-packet one-way delay: 141.457 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.18 Mbit/s
95th percentile per-packet one-way delay: 140.956 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.09 Mbit/s
95th percentile per-packet one-way delay: 142.294 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 34.40 Mbit/s
95th percentile per-packet one-way delay: 139.990 ms
Loss rate: 0.00%

Run 10: Report of TCP Cubic — Data Link

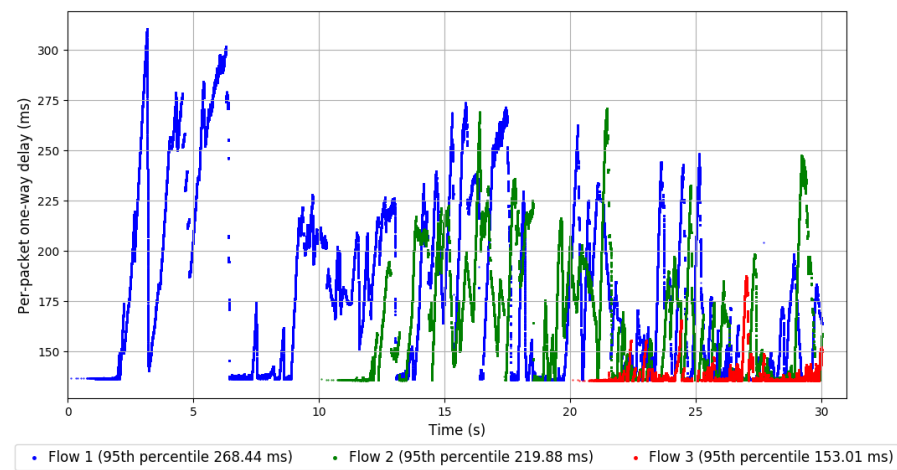
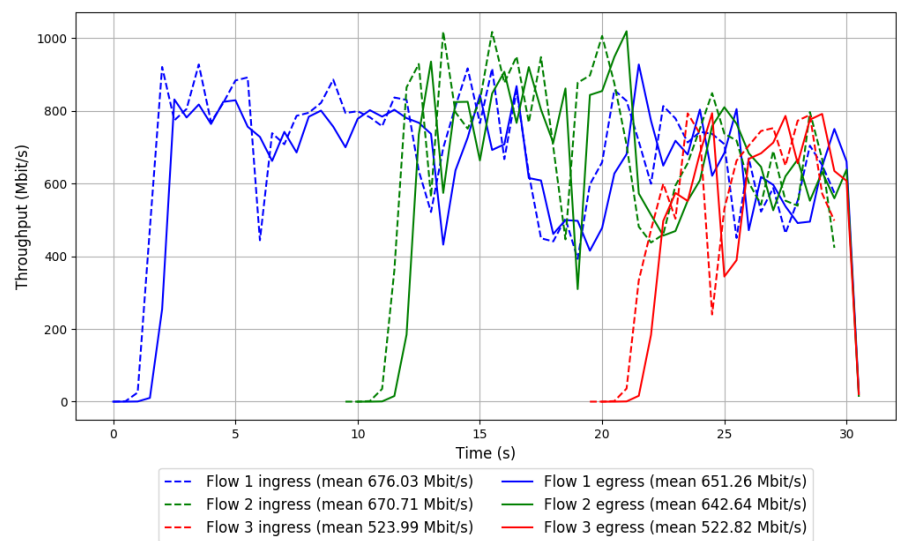


Run 1: Statistics of FillP

Start at: 2018-07-11 02:10:04
End at: 2018-07-11 02:10:34
Local clock offset: 0.129 ms
Remote clock offset: -0.142 ms

Below is generated by plot.py at 2018-07-11 07:17:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 1253.08 Mbit/s
95th percentile per-packet one-way delay: 255.037 ms
Loss rate: 3.38%
-- Flow 1:
Average throughput: 651.26 Mbit/s
95th percentile per-packet one-way delay: 268.445 ms
Loss rate: 3.66%
-- Flow 2:
Average throughput: 642.64 Mbit/s
95th percentile per-packet one-way delay: 219.878 ms
Loss rate: 4.18%
-- Flow 3:
Average throughput: 522.82 Mbit/s
95th percentile per-packet one-way delay: 153.012 ms
Loss rate: 0.23%

Run 1: Report of FillP — Data Link

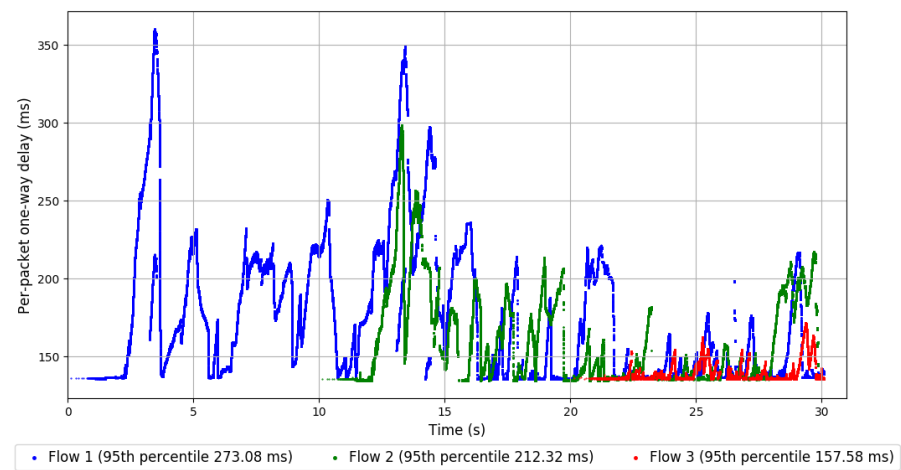
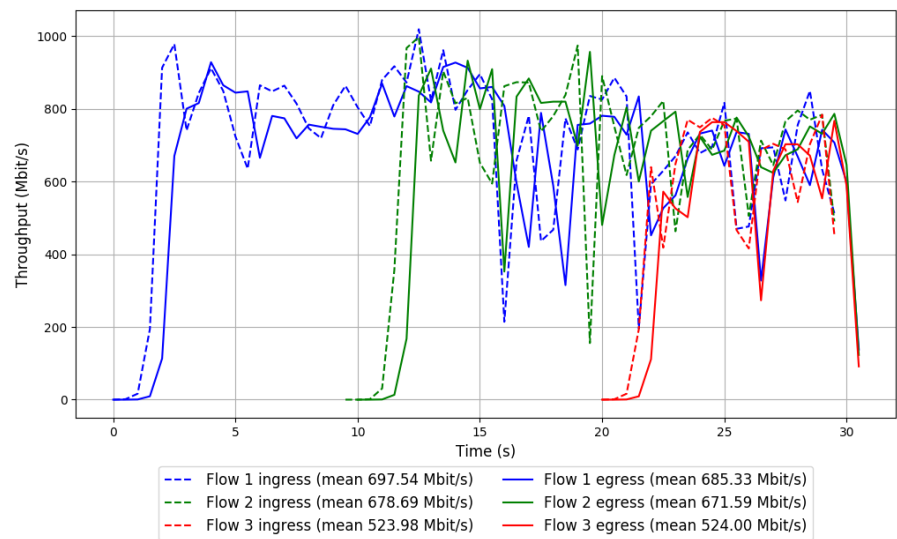


Run 2: Statistics of FillP

Start at: 2018-07-11 02:36:30
End at: 2018-07-11 02:37:00
Local clock offset: -0.066 ms
Remote clock offset: -0.116 ms

Below is generated by plot.py at 2018-07-11 07:18:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 1306.55 Mbit/s
95th percentile per-packet one-way delay: 248.198 ms
Loss rate: 1.28%
-- Flow 1:
Average throughput: 685.33 Mbit/s
95th percentile per-packet one-way delay: 273.082 ms
Loss rate: 1.74%
-- Flow 2:
Average throughput: 671.59 Mbit/s
95th percentile per-packet one-way delay: 212.317 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 524.00 Mbit/s
95th percentile per-packet one-way delay: 157.577 ms
Loss rate: 0.00%

Run 2: Report of FillP — Data Link

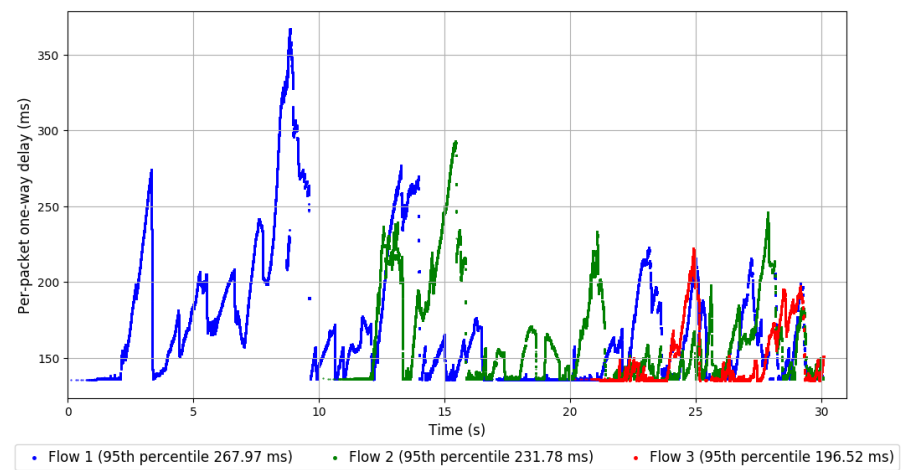
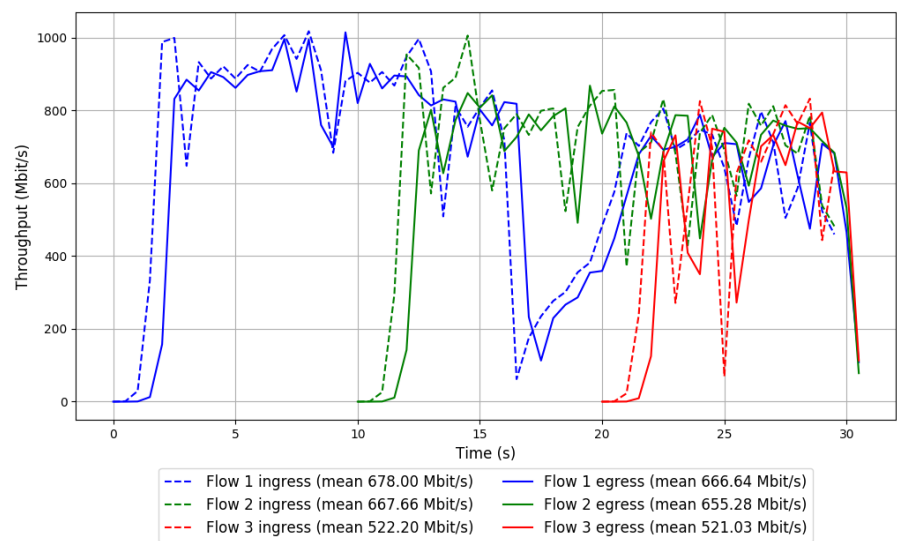


Run 3: Statistics of FillP

Start at: 2018-07-11 03:03:41
End at: 2018-07-11 03:04:11
Local clock offset: 0.006 ms
Remote clock offset: -0.087 ms

Below is generated by plot.py at 2018-07-11 07:18:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 1275.02 Mbit/s
95th percentile per-packet one-way delay: 259.209 ms
Loss rate: 1.54%
-- Flow 1:
Average throughput: 666.64 Mbit/s
95th percentile per-packet one-way delay: 267.968 ms
Loss rate: 1.67%
-- Flow 2:
Average throughput: 655.28 Mbit/s
95th percentile per-packet one-way delay: 231.784 ms
Loss rate: 1.85%
-- Flow 3:
Average throughput: 521.03 Mbit/s
95th percentile per-packet one-way delay: 196.521 ms
Loss rate: 0.22%

Run 3: Report of FillP — Data Link

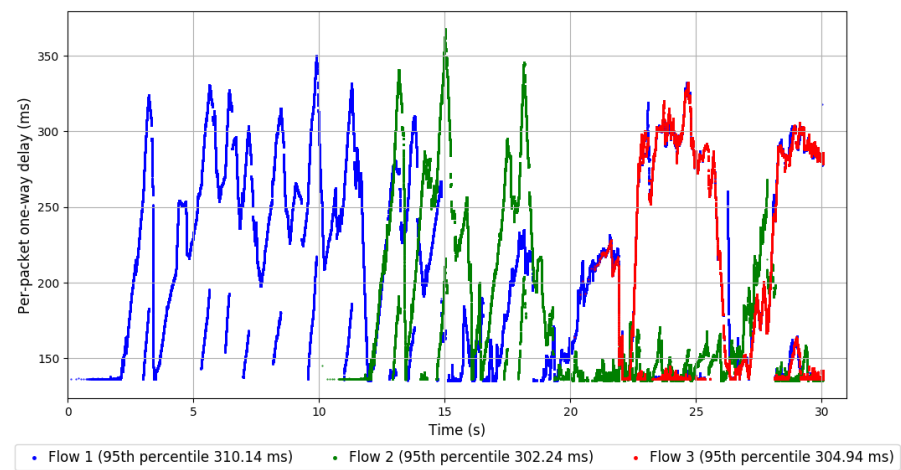
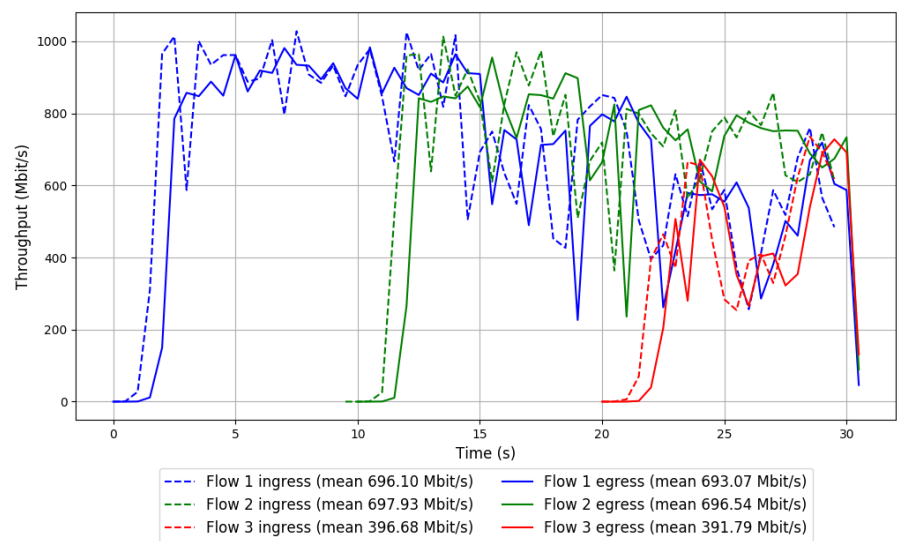


Run 4: Statistics of FillP

Start at: 2018-07-11 03:30:42
End at: 2018-07-11 03:31:12
Local clock offset: 0.158 ms
Remote clock offset: -0.446 ms

Below is generated by plot.py at 2018-07-11 07:18:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 1286.35 Mbit/s
95th percentile per-packet one-way delay: 308.528 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 693.07 Mbit/s
95th percentile per-packet one-way delay: 310.143 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 696.54 Mbit/s
95th percentile per-packet one-way delay: 302.237 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 391.79 Mbit/s
95th percentile per-packet one-way delay: 304.939 ms
Loss rate: 1.50%

Run 4: Report of FillP — Data Link

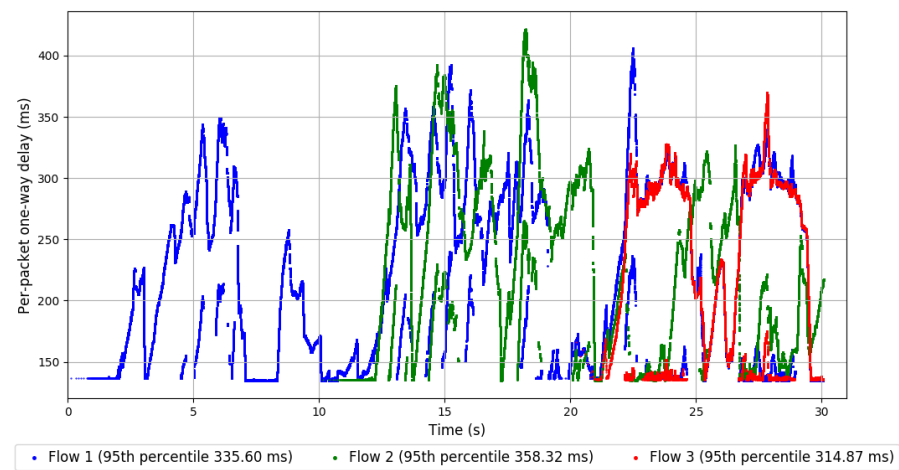
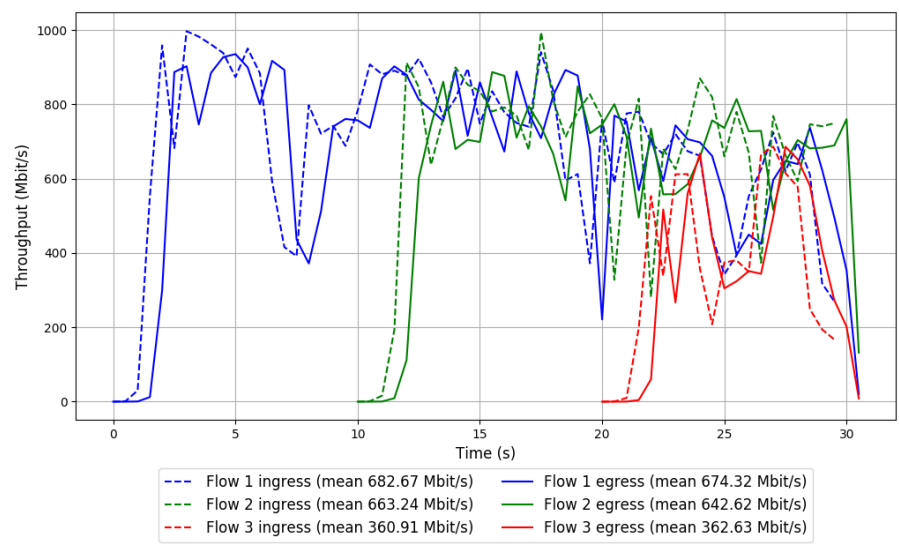


Run 5: Statistics of FillP

Start at: 2018-07-11 03:57:57
End at: 2018-07-11 03:58:27
Local clock offset: -0.098 ms
Remote clock offset: -0.118 ms

Below is generated by plot.py at 2018-07-11 07:18:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 1220.72 Mbit/s
95th percentile per-packet one-way delay: 339.765 ms
Loss rate: 1.86%
-- Flow 1:
Average throughput: 674.32 Mbit/s
95th percentile per-packet one-way delay: 335.600 ms
Loss rate: 1.36%
-- Flow 2:
Average throughput: 642.62 Mbit/s
95th percentile per-packet one-way delay: 358.322 ms
Loss rate: 3.12%
-- Flow 3:
Average throughput: 362.63 Mbit/s
95th percentile per-packet one-way delay: 314.865 ms
Loss rate: 0.00%

Run 5: Report of FillP — Data Link

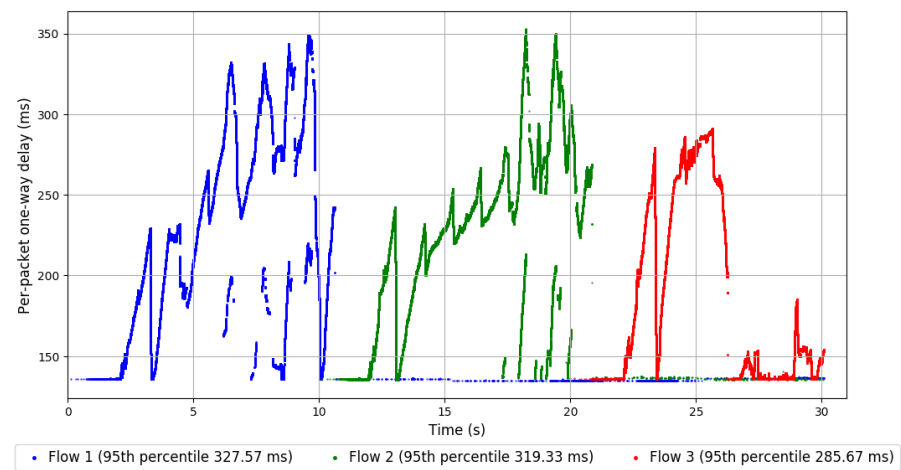
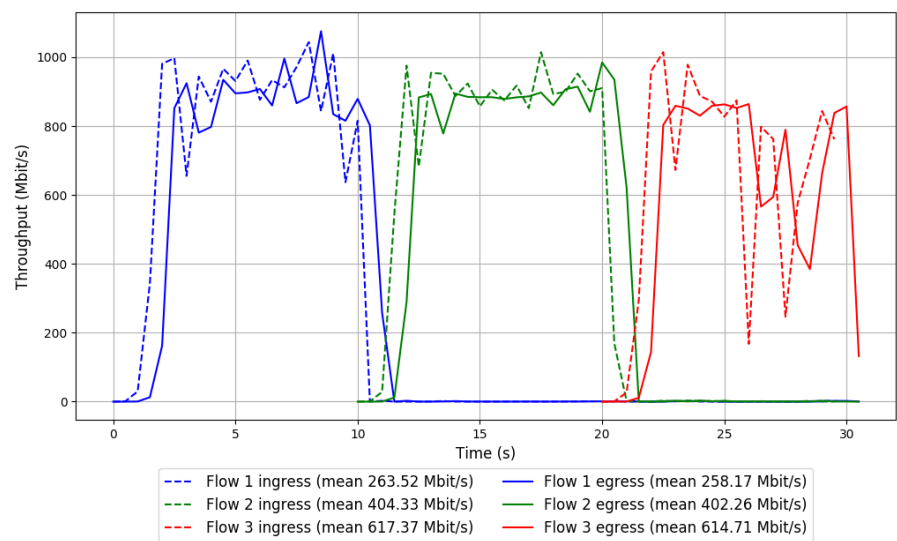


Run 6: Statistics of FillP

Start at: 2018-07-11 04:24:37
End at: 2018-07-11 04:25:07
Local clock offset: -0.229 ms
Remote clock offset: -0.111 ms

Below is generated by plot.py at 2018-07-11 07:18:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 729.78 Mbit/s
95th percentile per-packet one-way delay: 319.430 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 258.17 Mbit/s
95th percentile per-packet one-way delay: 327.574 ms
Loss rate: 2.03%
-- Flow 2:
Average throughput: 402.26 Mbit/s
95th percentile per-packet one-way delay: 319.328 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 614.71 Mbit/s
95th percentile per-packet one-way delay: 285.669 ms
Loss rate: 0.42%

Run 6: Report of FillP — Data Link



Run 7: Statistics of FillP

Start at: 2018-07-11 04:50:55

End at: 2018-07-11 04:51:25

Local clock offset: -0.136 ms

Remote clock offset: -0.39 ms

Below is generated by plot.py at 2018-07-11 07:18:43

Datalink statistics

-- Total of 3 flows:

Average throughput: 1250.11 Mbit/s

95th percentile per-packet one-way delay: 306.144 ms

Loss rate: 1.06%

-- Flow 1:

Average throughput: 719.86 Mbit/s

95th percentile per-packet one-way delay: 324.479 ms

Loss rate: 1.69%

-- Flow 2:

Average throughput: 718.49 Mbit/s

95th percentile per-packet one-way delay: 264.672 ms

Loss rate: 0.20%

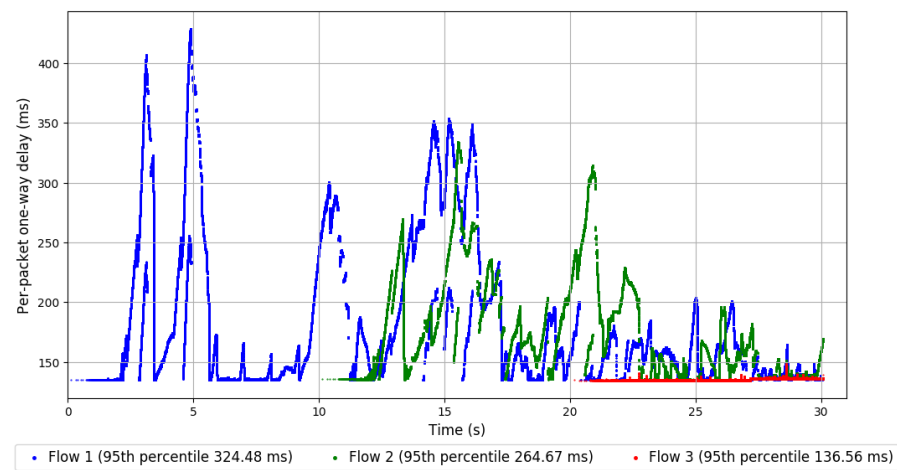
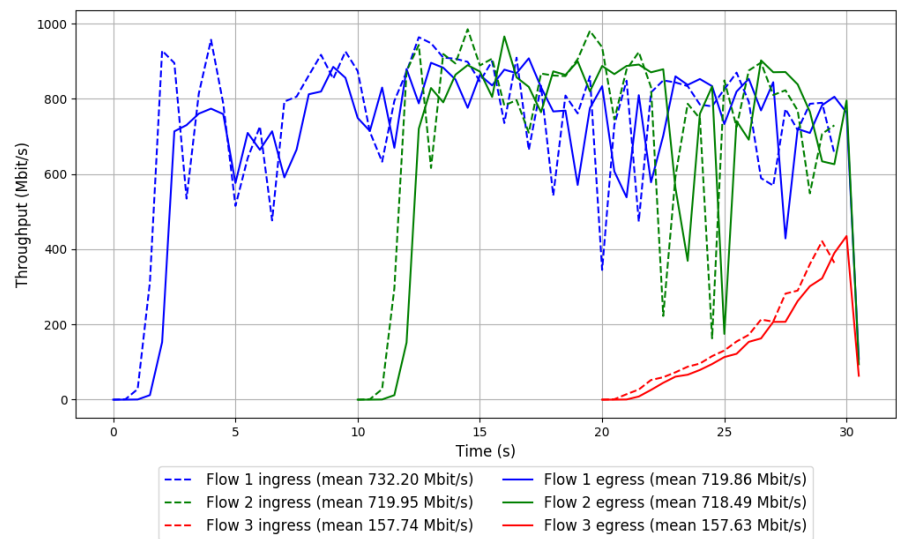
-- Flow 3:

Average throughput: 157.63 Mbit/s

95th percentile per-packet one-way delay: 136.561 ms

Loss rate: 0.04%

Run 7: Report of FillP — Data Link

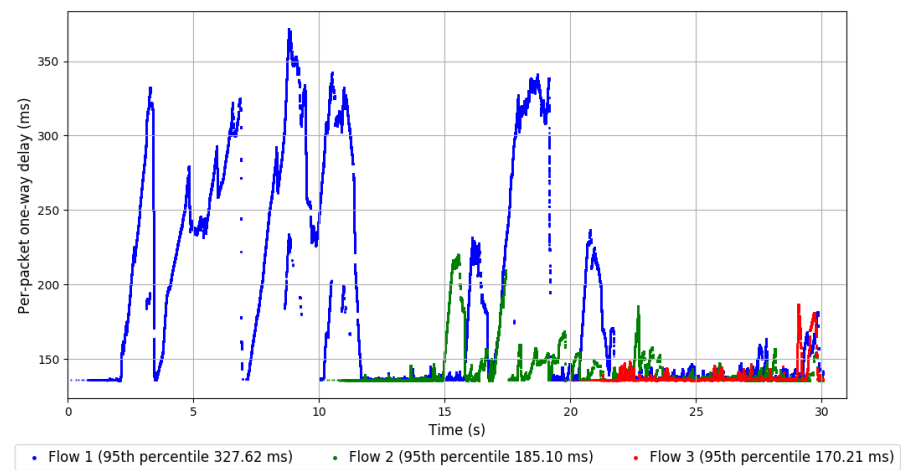
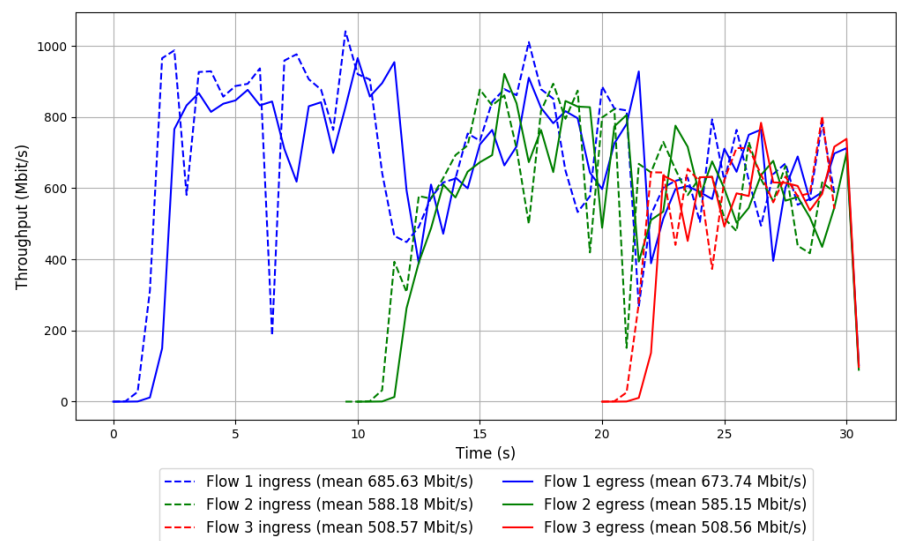


Run 8: Statistics of FillP

Start at: 2018-07-11 05:17:45
End at: 2018-07-11 05:18:15
Local clock offset: 0.021 ms
Remote clock offset: -0.069 ms

Below is generated by plot.py at 2018-07-11 07:20:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 1231.56 Mbit/s
95th percentile per-packet one-way delay: 317.633 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 673.74 Mbit/s
95th percentile per-packet one-way delay: 327.621 ms
Loss rate: 1.73%
-- Flow 2:
Average throughput: 585.15 Mbit/s
95th percentile per-packet one-way delay: 185.098 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 508.56 Mbit/s
95th percentile per-packet one-way delay: 170.207 ms
Loss rate: 0.00%

Run 8: Report of FillP — Data Link

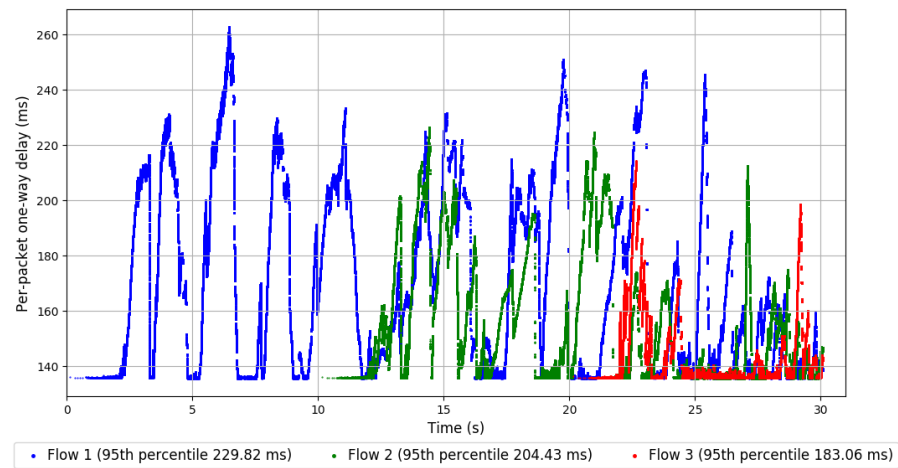
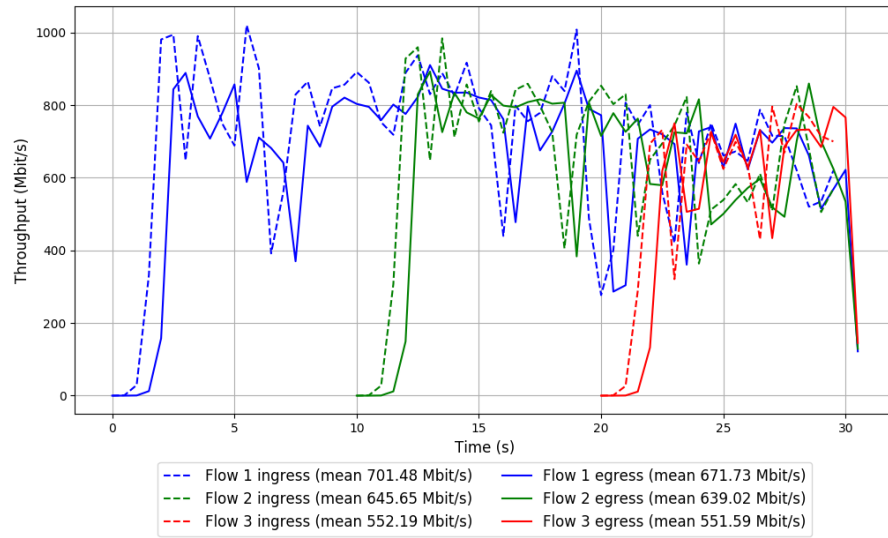


Run 9: Statistics of FillP

Start at: 2018-07-11 05:44:57
End at: 2018-07-11 05:45:27
Local clock offset: -0.015 ms
Remote clock offset: -0.036 ms

Below is generated by plot.py at 2018-07-11 07:36:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 1280.09 Mbit/s
95th percentile per-packet one-way delay: 220.775 ms
Loss rate: 2.61%
-- Flow 1:
Average throughput: 671.73 Mbit/s
95th percentile per-packet one-way delay: 229.823 ms
Loss rate: 4.24%
-- Flow 2:
Average throughput: 639.02 Mbit/s
95th percentile per-packet one-way delay: 204.428 ms
Loss rate: 1.02%
-- Flow 3:
Average throughput: 551.59 Mbit/s
95th percentile per-packet one-way delay: 183.056 ms
Loss rate: 0.10%

Run 9: Report of FillP — Data Link

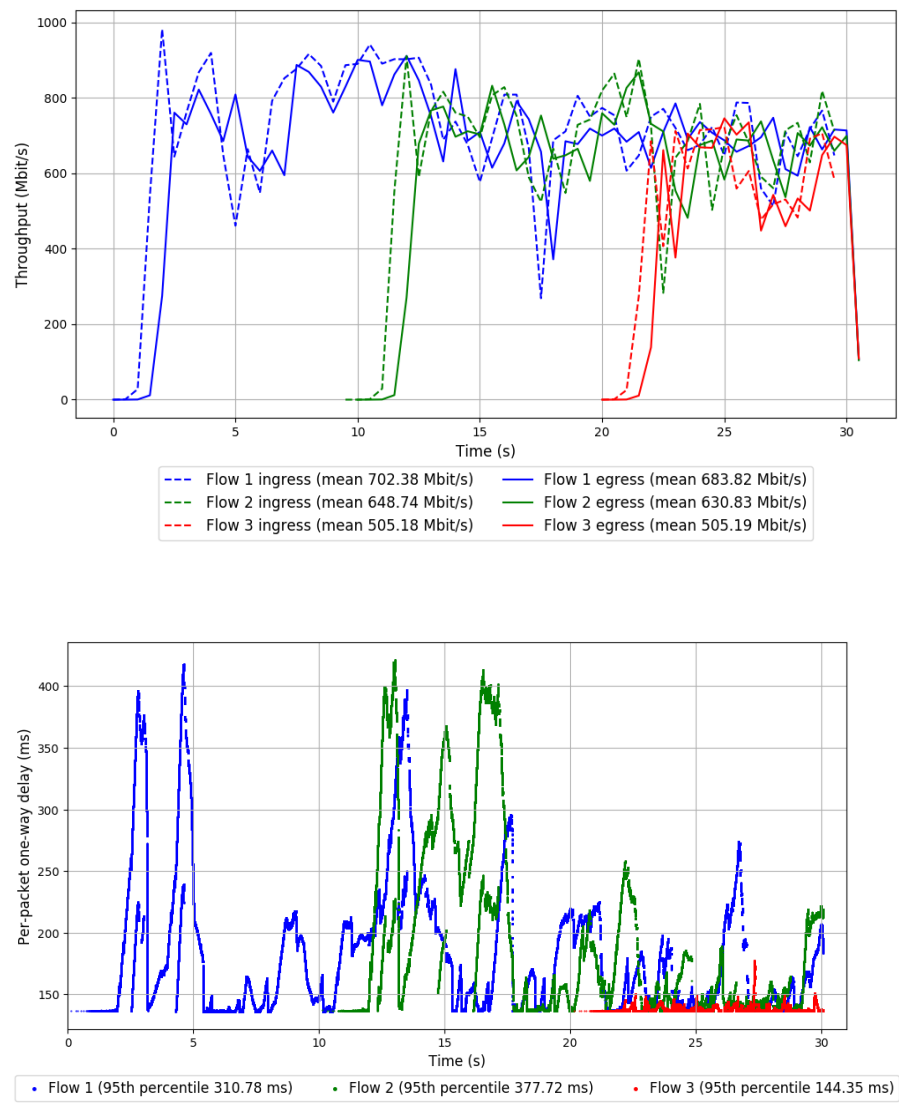


Run 10: Statistics of FillP

Start at: 2018-07-11 06:11:58
End at: 2018-07-11 06:12:28
Local clock offset: -0.109 ms
Remote clock offset: -0.024 ms

Below is generated by plot.py at 2018-07-11 07:43:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 1271.35 Mbit/s
95th percentile per-packet one-way delay: 341.148 ms
Loss rate: 2.34%
-- Flow 1:
Average throughput: 683.82 Mbit/s
95th percentile per-packet one-way delay: 310.784 ms
Loss rate: 2.64%
-- Flow 2:
Average throughput: 630.83 Mbit/s
95th percentile per-packet one-way delay: 377.724 ms
Loss rate: 2.76%
-- Flow 3:
Average throughput: 505.19 Mbit/s
95th percentile per-packet one-way delay: 144.350 ms
Loss rate: 0.00%

Run 10: Report of FillP — Data Link

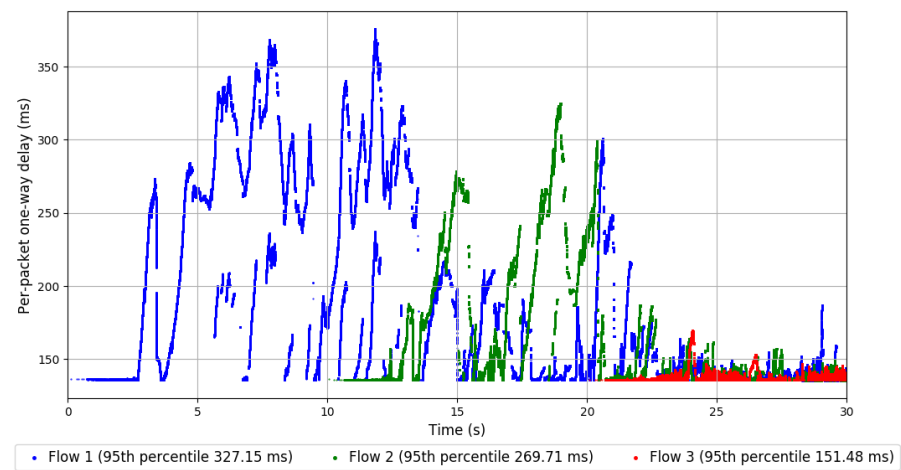
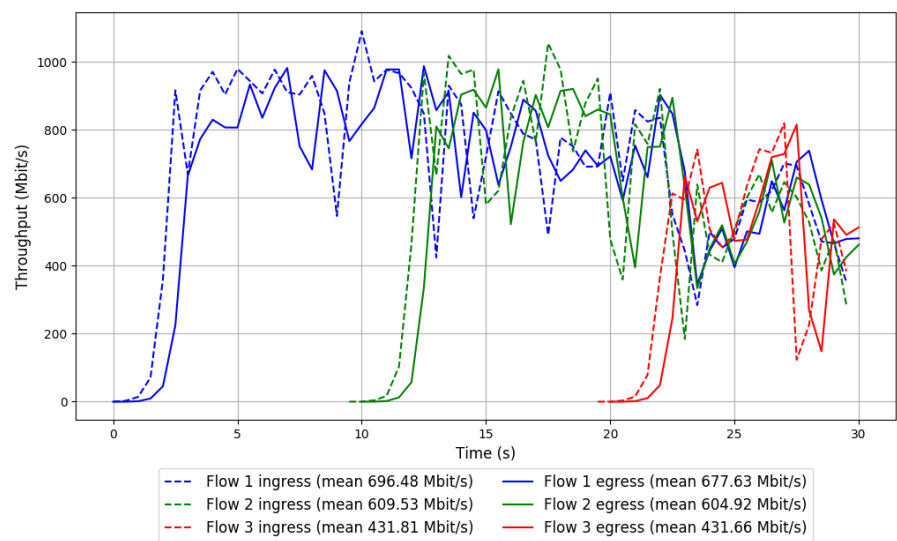


Run 1: Statistics of FillP-Sheep

Start at: 2018-07-11 02:04:54
End at: 2018-07-11 02:05:24
Local clock offset: -0.067 ms
Remote clock offset: -0.128 ms

Below is generated by plot.py at 2018-07-11 07:43:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 1224.33 Mbit/s
95th percentile per-packet one-way delay: 314.207 ms
Loss rate: 1.76%
-- Flow 1:
Average throughput: 677.63 Mbit/s
95th percentile per-packet one-way delay: 327.154 ms
Loss rate: 2.70%
-- Flow 2:
Average throughput: 604.92 Mbit/s
95th percentile per-packet one-way delay: 269.715 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 431.66 Mbit/s
95th percentile per-packet one-way delay: 151.482 ms
Loss rate: 0.00%

Run 1: Report of FillP-Sheep — Data Link



Run 2: Statistics of FillP-Sheep

Start at: 2018-07-11 02:31:28

End at: 2018-07-11 02:31:58

Local clock offset: -0.046 ms

Remote clock offset: 0.265 ms

Below is generated by plot.py at 2018-07-11 07:43:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 1214.08 Mbit/s

95th percentile per-packet one-way delay: 290.096 ms

Loss rate: 1.12%

-- Flow 1:

Average throughput: 674.79 Mbit/s

95th percentile per-packet one-way delay: 301.908 ms

Loss rate: 1.71%

-- Flow 2:

Average throughput: 576.08 Mbit/s

95th percentile per-packet one-way delay: 234.575 ms

Loss rate: 0.52%

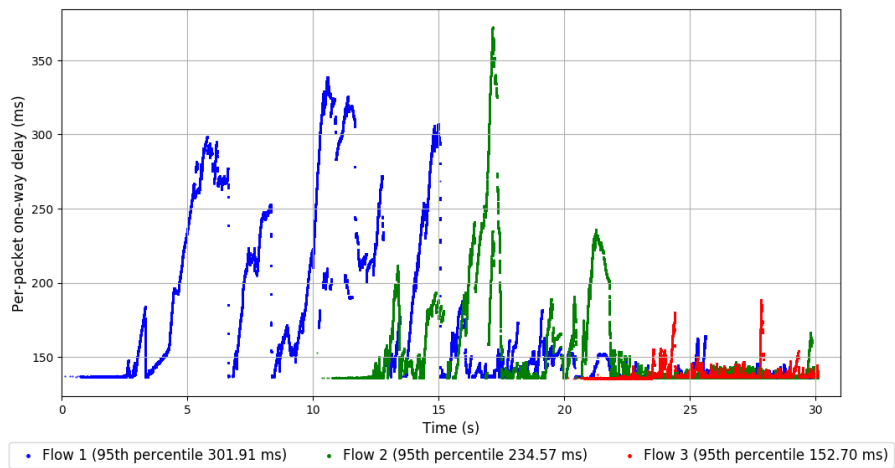
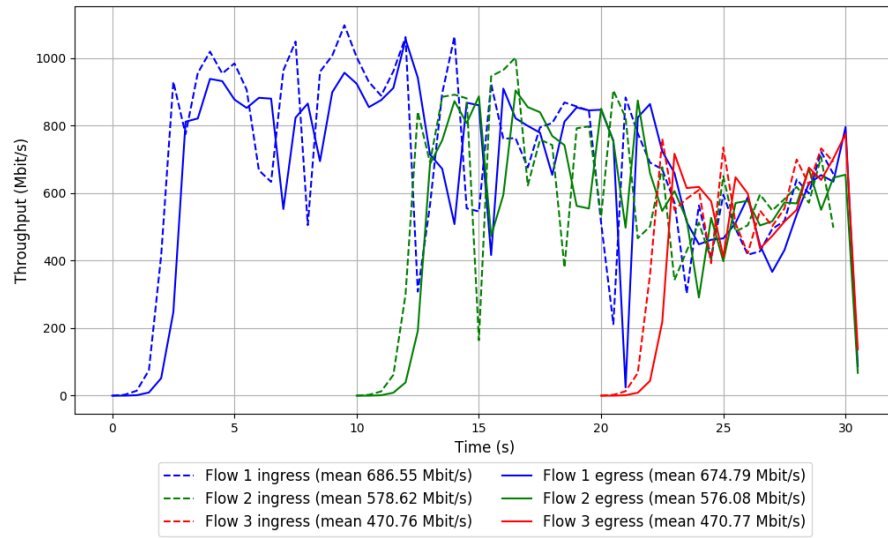
-- Flow 3:

Average throughput: 470.77 Mbit/s

95th percentile per-packet one-way delay: 152.703 ms

Loss rate: 0.00%

Run 2: Report of FillP-Sheep — Data Link

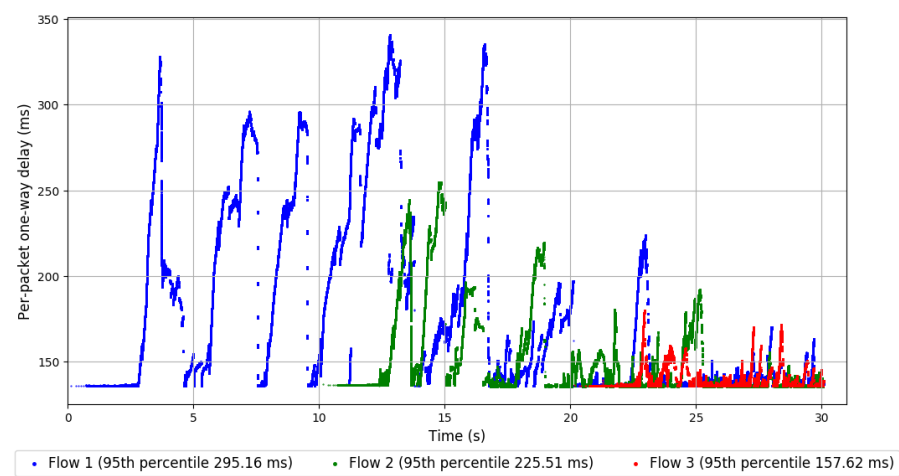
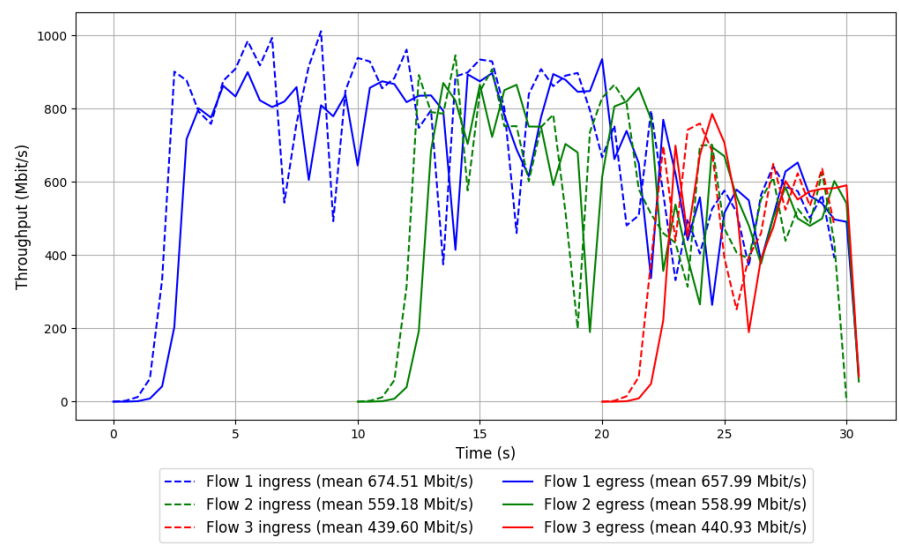


Run 3: Statistics of FillP-Sheep

Start at: 2018-07-11 02:58:35
End at: 2018-07-11 02:59:05
Local clock offset: -0.019 ms
Remote clock offset: -0.163 ms

Below is generated by plot.py at 2018-07-11 07:43:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 1176.04 Mbit/s
95th percentile per-packet one-way delay: 286.057 ms
Loss rate: 1.60%
-- Flow 1:
Average throughput: 657.99 Mbit/s
95th percentile per-packet one-way delay: 295.161 ms
Loss rate: 2.54%
-- Flow 2:
Average throughput: 558.99 Mbit/s
95th percentile per-packet one-way delay: 225.508 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 440.93 Mbit/s
95th percentile per-packet one-way delay: 157.619 ms
Loss rate: 0.00%

Run 3: Report of FillP-Sheep — Data Link

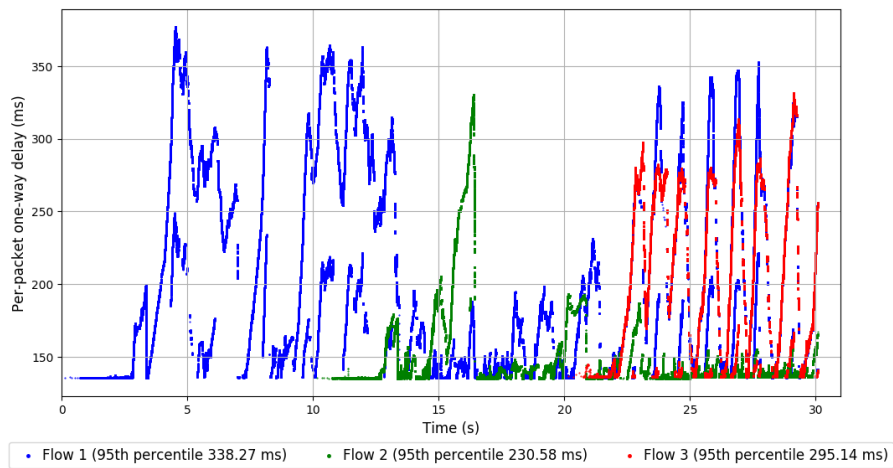
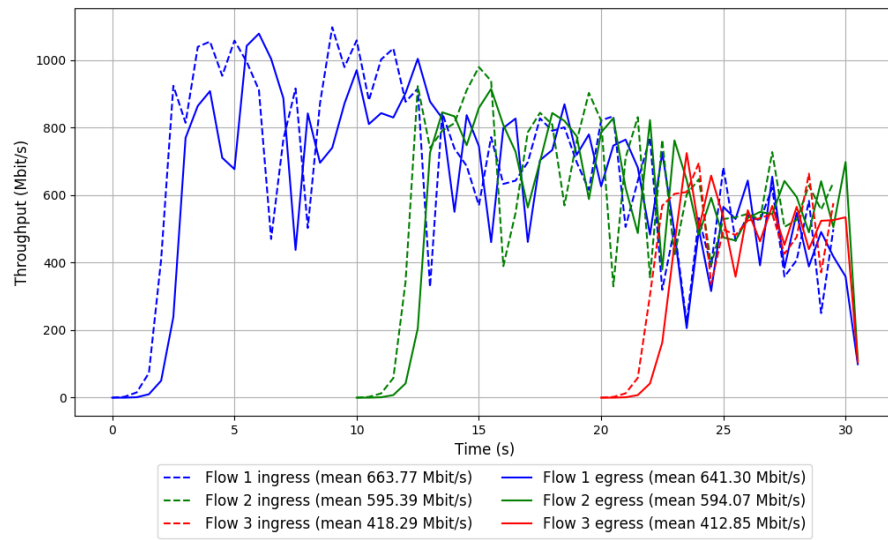


Run 4: Statistics of FillP-Sheep

Start at: 2018-07-11 03:25:37
End at: 2018-07-11 03:26:07
Local clock offset: -0.047 ms
Remote clock offset: -0.468 ms

Below is generated by plot.py at 2018-07-11 07:43:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 1173.15 Mbit/s
95th percentile per-packet one-way delay: 318.647 ms
Loss rate: 2.09%
-- Flow 1:
Average throughput: 641.30 Mbit/s
95th percentile per-packet one-way delay: 338.273 ms
Loss rate: 3.38%
-- Flow 2:
Average throughput: 594.07 Mbit/s
95th percentile per-packet one-way delay: 230.581 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 412.85 Mbit/s
95th percentile per-packet one-way delay: 295.139 ms
Loss rate: 1.30%

Run 4: Report of FillP-Sheep — Data Link

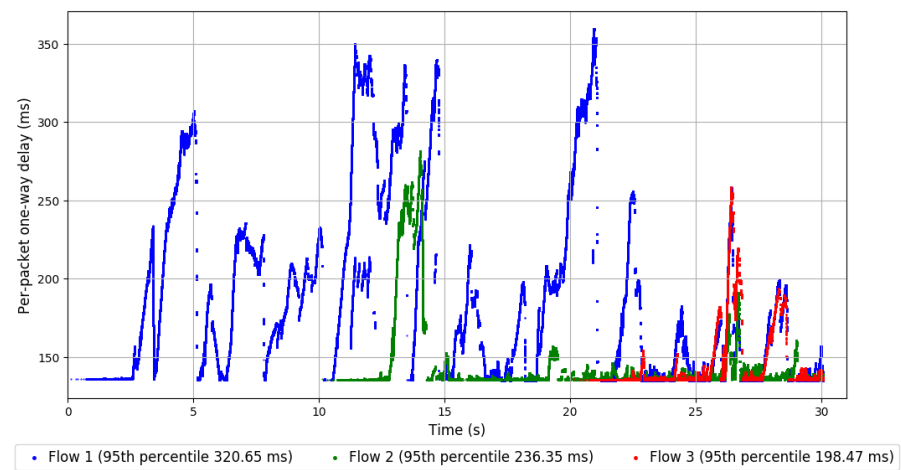
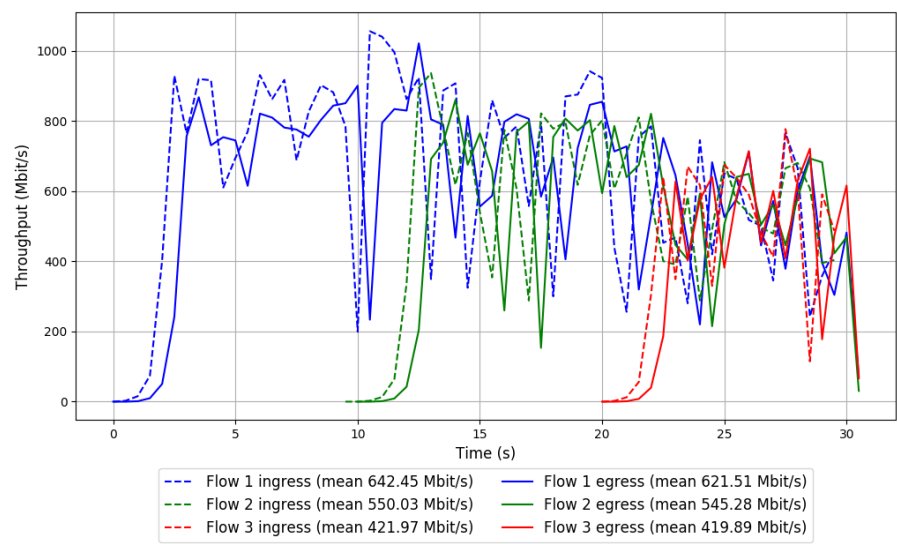


Run 5: Statistics of FillP-Sheep

Start at: 2018-07-11 03:52:57
End at: 2018-07-11 03:53:27
Local clock offset: 0.161 ms
Remote clock offset: -0.138 ms

Below is generated by plot.py at 2018-07-11 07:43:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 1123.70 Mbit/s
95th percentile per-packet one-way delay: 296.821 ms
Loss rate: 2.15%
-- Flow 1:
Average throughput: 621.51 Mbit/s
95th percentile per-packet one-way delay: 320.655 ms
Loss rate: 3.26%
-- Flow 2:
Average throughput: 545.28 Mbit/s
95th percentile per-packet one-way delay: 236.346 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 419.89 Mbit/s
95th percentile per-packet one-way delay: 198.468 ms
Loss rate: 0.50%

Run 5: Report of FillP-Sheep — Data Link

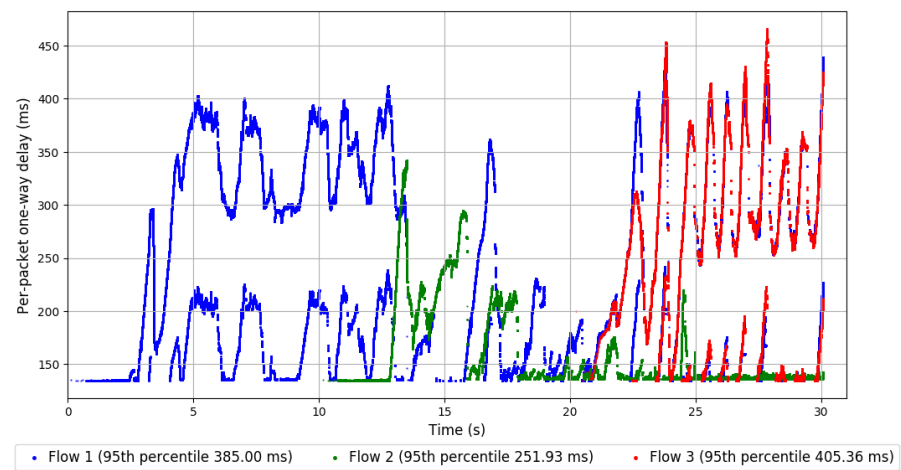
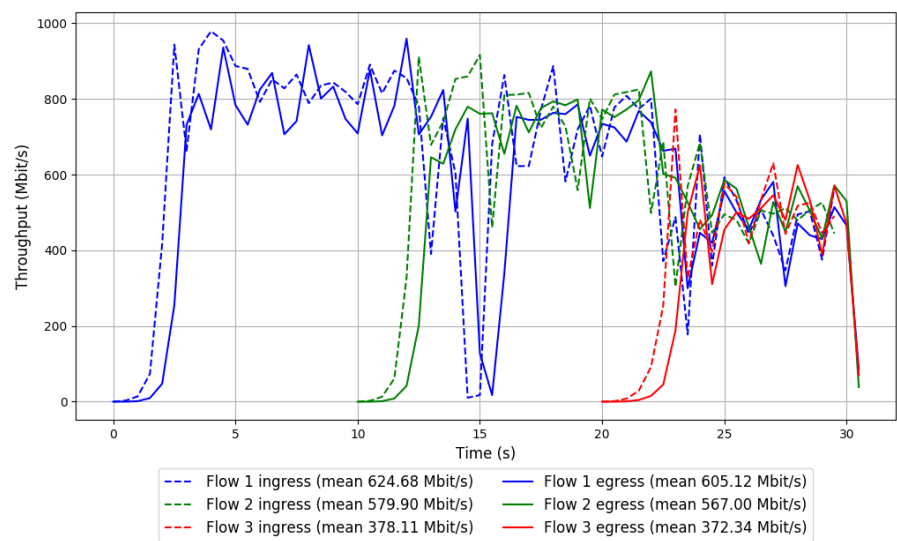


Run 6: Statistics of FillP-Sheep

Start at: 2018-07-11 04:19:38
End at: 2018-07-11 04:20:08
Local clock offset: 0.062 ms
Remote clock offset: -0.107 ms

Below is generated by plot.py at 2018-07-11 07:43:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 1104.74 Mbit/s
95th percentile per-packet one-way delay: 380.382 ms
Loss rate: 2.69%
-- Flow 1:
Average throughput: 605.12 Mbit/s
95th percentile per-packet one-way delay: 385.002 ms
Loss rate: 3.09%
-- Flow 2:
Average throughput: 567.00 Mbit/s
95th percentile per-packet one-way delay: 251.930 ms
Loss rate: 2.22%
-- Flow 3:
Average throughput: 372.34 Mbit/s
95th percentile per-packet one-way delay: 405.359 ms
Loss rate: 2.15%

Run 6: Report of FillP-Sheep — Data Link



Run 7: Statistics of FillP-Sheep

Start at: 2018-07-11 04:45:48

End at: 2018-07-11 04:46:18

Local clock offset: -0.161 ms

Remote clock offset: -0.09 ms

Below is generated by plot.py at 2018-07-11 08:02:28

Datalink statistics

-- Total of 3 flows:

Average throughput: 1160.65 Mbit/s

95th percentile per-packet one-way delay: 312.400 ms

Loss rate: 4.15%

-- Flow 1:

Average throughput: 611.00 Mbit/s

95th percentile per-packet one-way delay: 333.036 ms

Loss rate: 4.75%

-- Flow 2:

Average throughput: 585.95 Mbit/s

95th percentile per-packet one-way delay: 231.638 ms

Loss rate: 4.83%

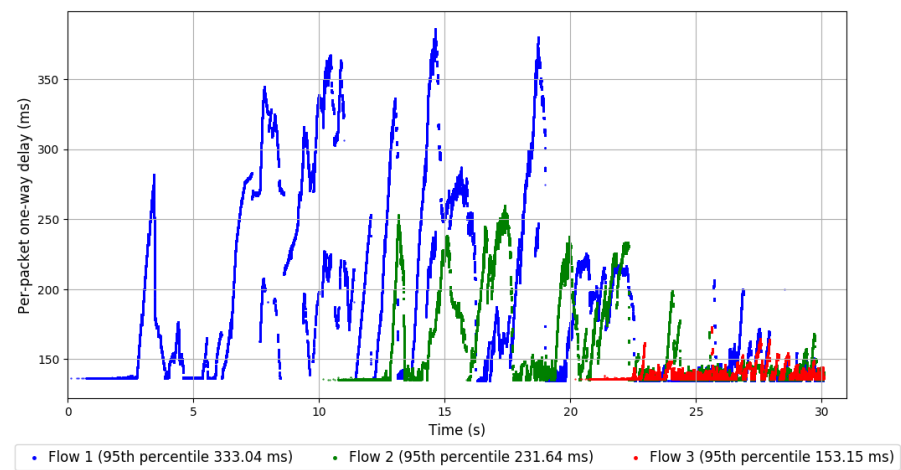
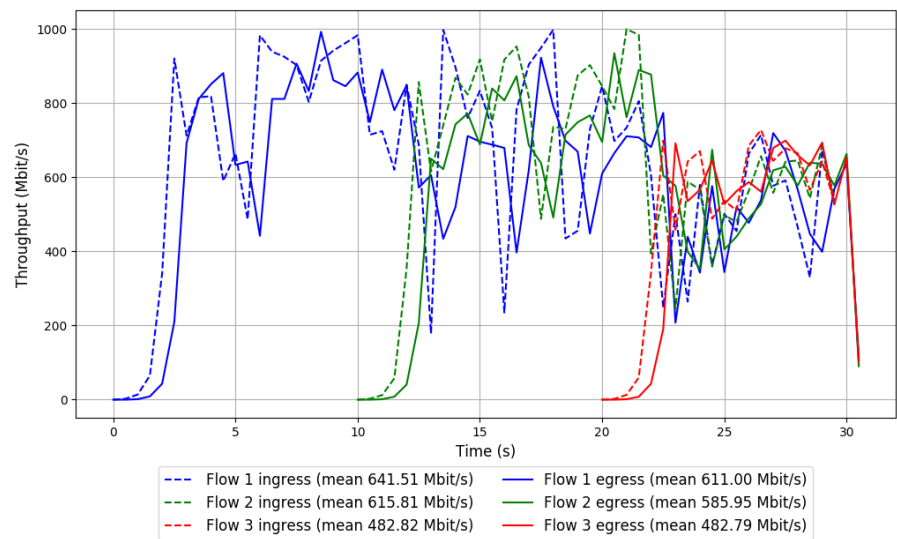
-- Flow 3:

Average throughput: 482.79 Mbit/s

95th percentile per-packet one-way delay: 153.153 ms

Loss rate: 0.00%

Run 7: Report of FillP-Sheep — Data Link



Run 8: Statistics of FillP-Sheep

Start at: 2018-07-11 05:12:44

End at: 2018-07-11 05:13:14

Local clock offset: -0.159 ms

Remote clock offset: -0.02 ms

Below is generated by plot.py at 2018-07-11 08:05:16

Datalink statistics

-- Total of 3 flows:

Average throughput: 1109.66 Mbit/s

95th percentile per-packet one-way delay: 281.314 ms

Loss rate: 5.06%

-- Flow 1:

Average throughput: 589.94 Mbit/s

95th percentile per-packet one-way delay: 266.075 ms

Loss rate: 7.72%

-- Flow 2:

Average throughput: 584.19 Mbit/s

95th percentile per-packet one-way delay: 299.519 ms

Loss rate: 1.97%

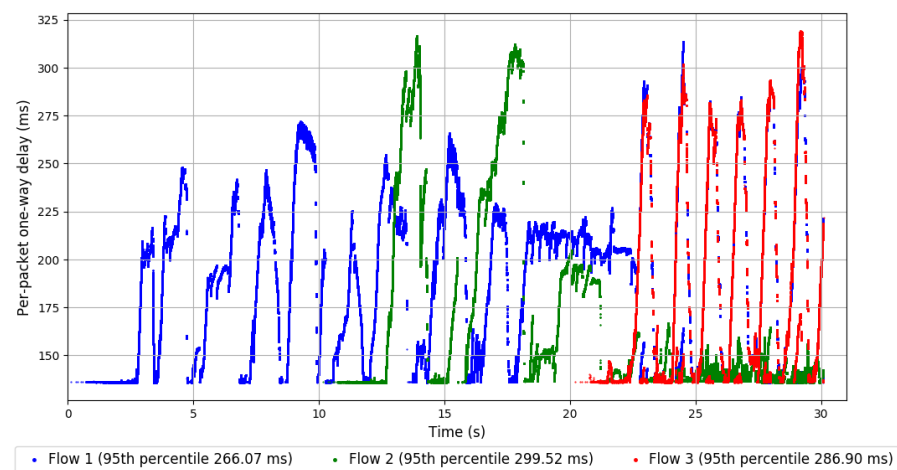
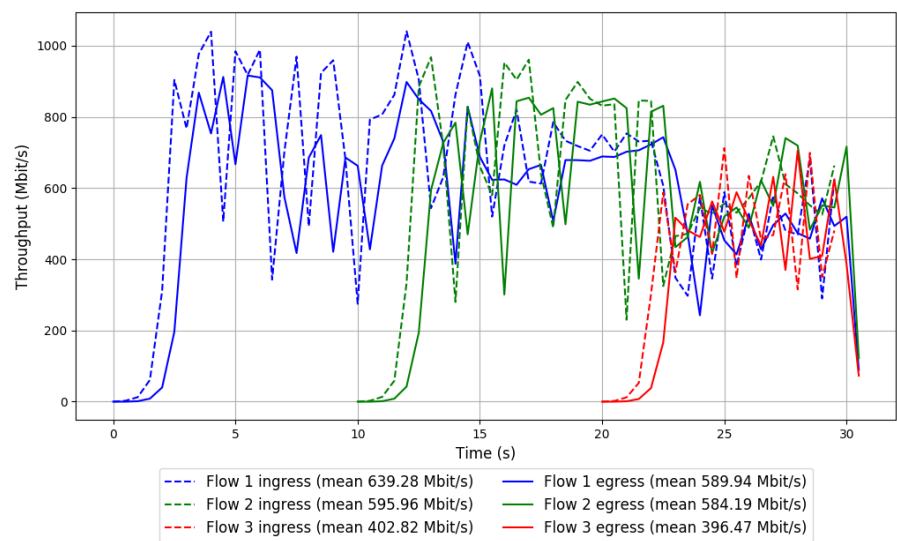
-- Flow 3:

Average throughput: 396.47 Mbit/s

95th percentile per-packet one-way delay: 286.899 ms

Loss rate: 1.52%

Run 8: Report of FillP-Sheep — Data Link

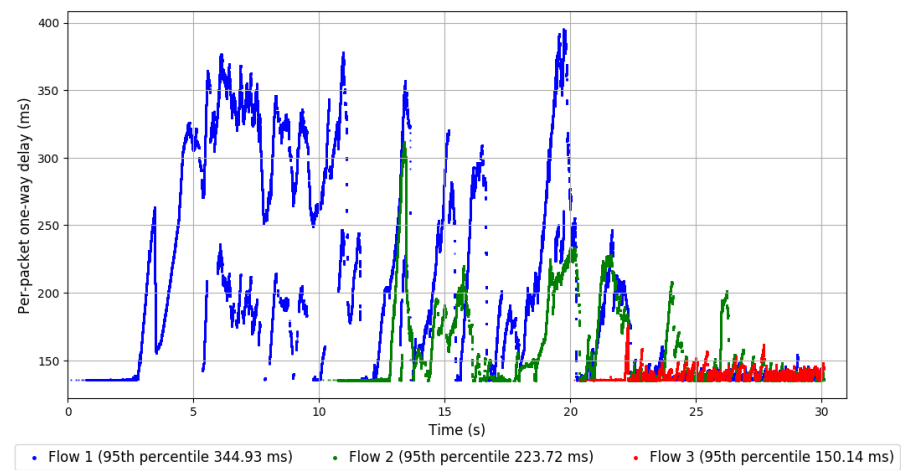
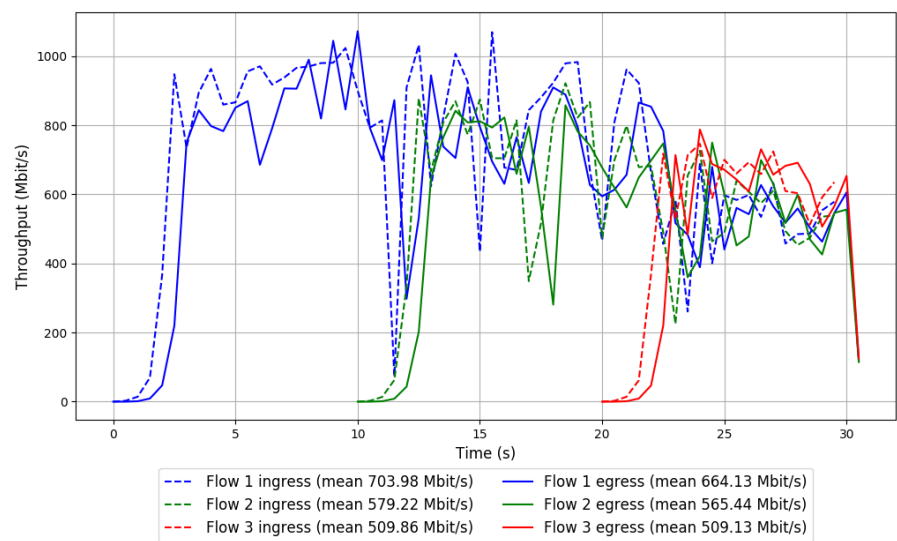


Run 9: Statistics of FillP-Sheep

Start at: 2018-07-11 05:39:49
End at: 2018-07-11 05:40:19
Local clock offset: 0.104 ms
Remote clock offset: -0.451 ms

Below is generated by plot.py at 2018-07-11 08:07:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 1209.44 Mbit/s
95th percentile per-packet one-way delay: 330.520 ms
Loss rate: 3.91%
-- Flow 1:
Average throughput: 664.13 Mbit/s
95th percentile per-packet one-way delay: 344.930 ms
Loss rate: 5.66%
-- Flow 2:
Average throughput: 565.44 Mbit/s
95th percentile per-packet one-way delay: 223.721 ms
Loss rate: 2.38%
-- Flow 3:
Average throughput: 509.13 Mbit/s
95th percentile per-packet one-way delay: 150.136 ms
Loss rate: 0.14%

Run 9: Report of FillP-Sheep — Data Link

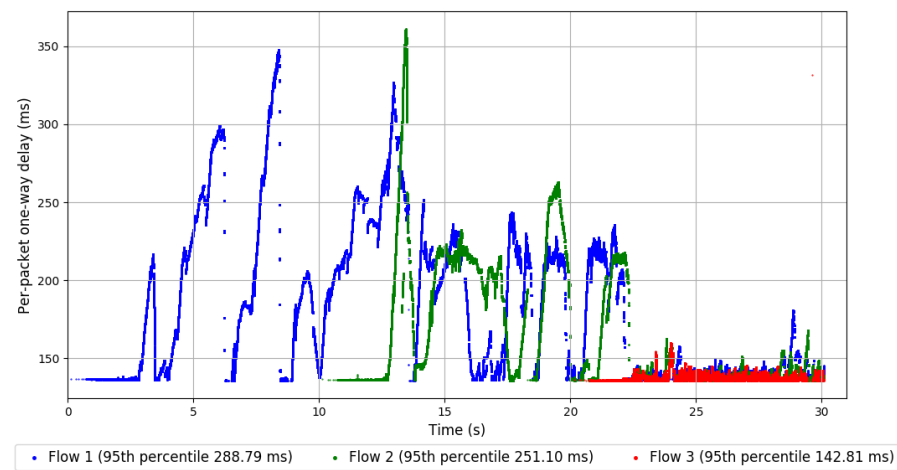
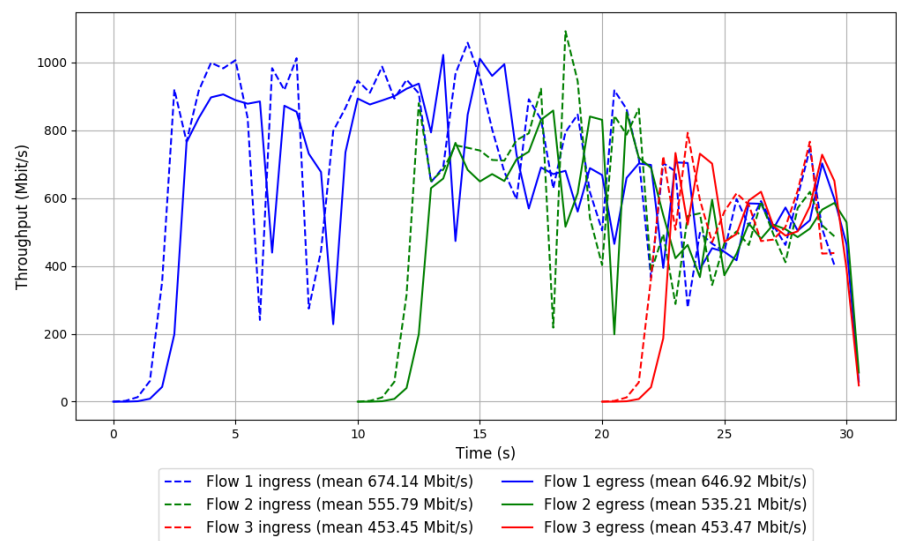


Run 10: Statistics of FillP-Sheep

Start at: 2018-07-11 06:06:56
End at: 2018-07-11 06:07:26
Local clock offset: 0.153 ms
Remote clock offset: -0.027 ms

Below is generated by plot.py at 2018-07-11 08:07:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 1153.70 Mbit/s
95th percentile per-packet one-way delay: 265.416 ms
Loss rate: 3.41%
-- Flow 1:
Average throughput: 646.92 Mbit/s
95th percentile per-packet one-way delay: 288.791 ms
Loss rate: 4.02%
-- Flow 2:
Average throughput: 535.21 Mbit/s
95th percentile per-packet one-way delay: 251.099 ms
Loss rate: 3.70%
-- Flow 3:
Average throughput: 453.47 Mbit/s
95th percentile per-packet one-way delay: 142.805 ms
Loss rate: 0.00%

Run 10: Report of FillP-Sheep — Data Link

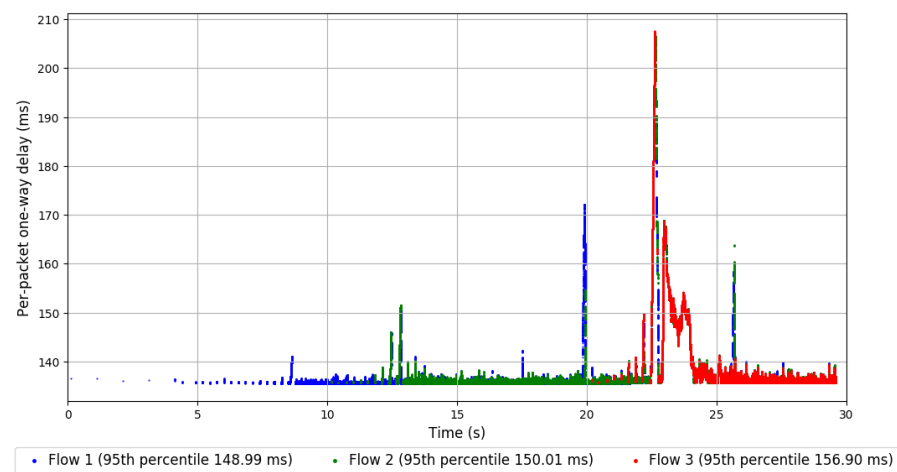
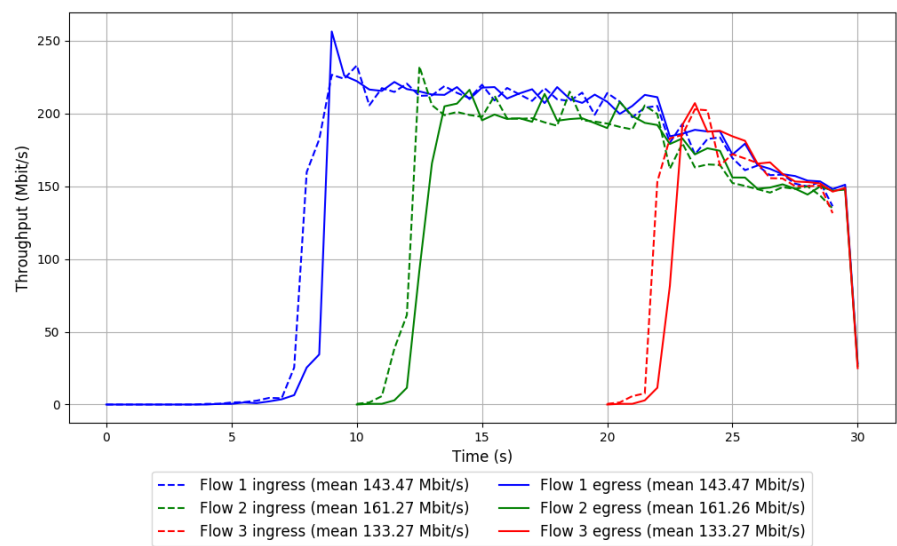


Run 1: Statistics of Indigo

Start at: 2018-07-11 01:58:50
End at: 2018-07-11 01:59:20
Local clock offset: -0.013 ms
Remote clock offset: -0.186 ms

Below is generated by plot.py at 2018-07-11 08:07:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 292.44 Mbit/s
95th percentile per-packet one-way delay: 150.893 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 143.47 Mbit/s
95th percentile per-packet one-way delay: 148.994 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 161.26 Mbit/s
95th percentile per-packet one-way delay: 150.009 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 133.27 Mbit/s
95th percentile per-packet one-way delay: 156.895 ms
Loss rate: 0.00%

Run 1: Report of Indigo — Data Link

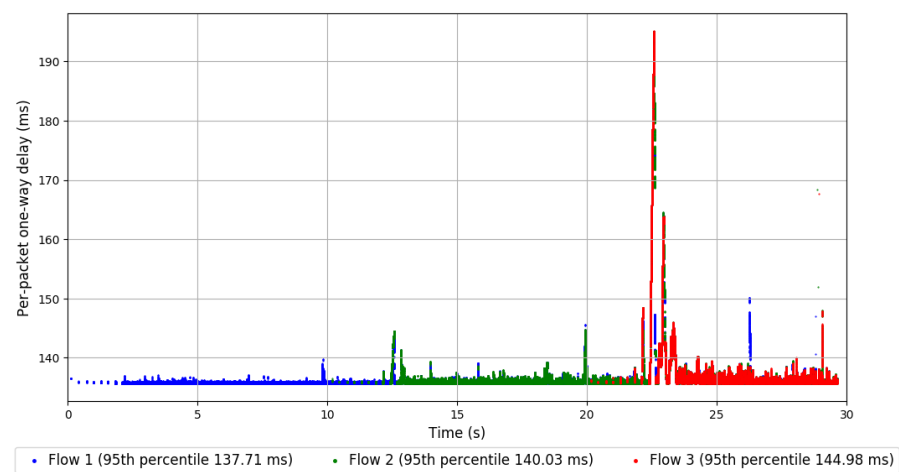
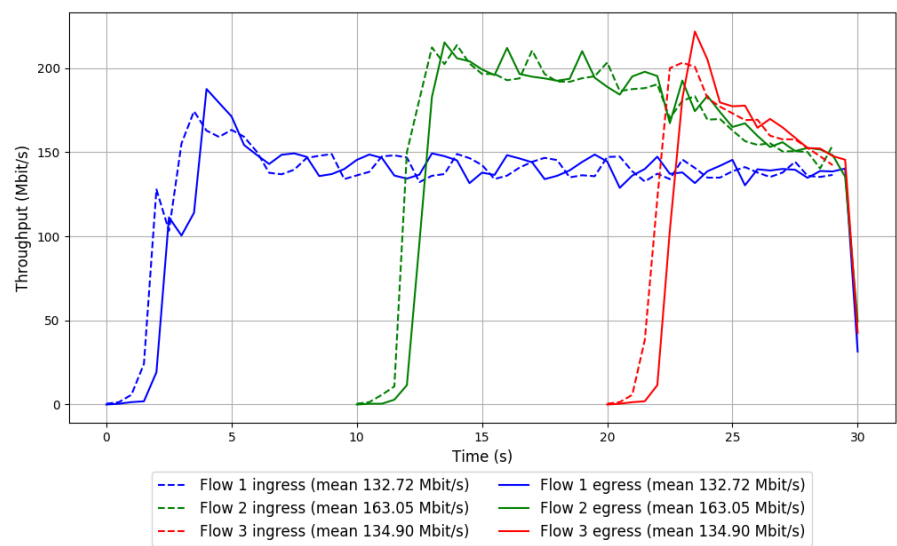


Run 2: Statistics of Indigo

Start at: 2018-07-11 02:25:29
End at: 2018-07-11 02:25:59
Local clock offset: -0.095 ms
Remote clock offset: -0.141 ms

Below is generated by plot.py at 2018-07-11 08:07:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 283.68 Mbit/s
95th percentile per-packet one-way delay: 139.913 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 132.72 Mbit/s
95th percentile per-packet one-way delay: 137.707 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 163.05 Mbit/s
95th percentile per-packet one-way delay: 140.034 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 134.90 Mbit/s
95th percentile per-packet one-way delay: 144.982 ms
Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

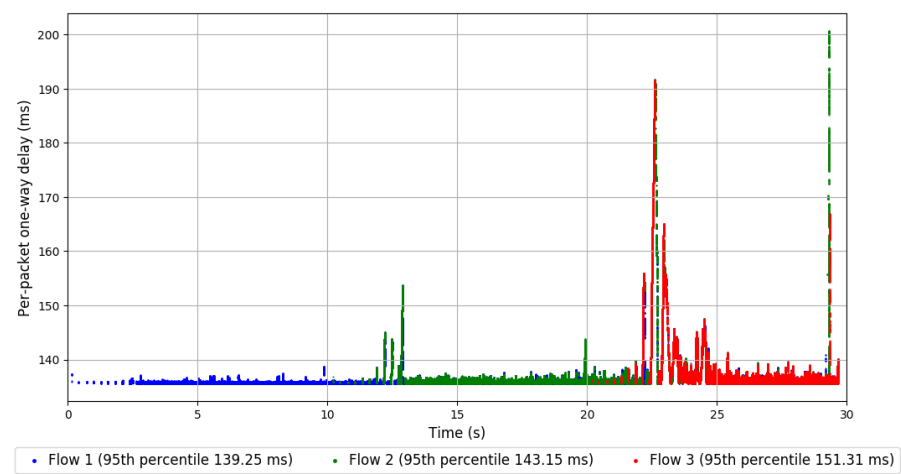
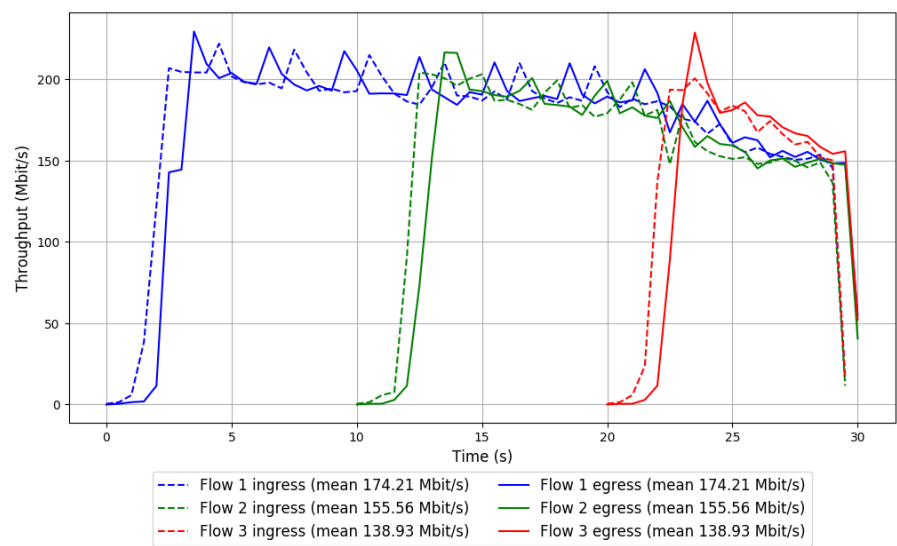


Run 3: Statistics of Indigo

Start at: 2018-07-11 02:52:29
End at: 2018-07-11 02:52:59
Local clock offset: -0.004 ms
Remote clock offset: -0.119 ms

```
# Below is generated by plot.py at 2018-07-11 08:07:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 321.40 Mbit/s
95th percentile per-packet one-way delay: 143.033 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 174.21 Mbit/s
95th percentile per-packet one-way delay: 139.246 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 155.56 Mbit/s
95th percentile per-packet one-way delay: 143.147 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 138.93 Mbit/s
95th percentile per-packet one-way delay: 151.306 ms
Loss rate: 0.00%
```


Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2018-07-11 03:19:33

End at: 2018-07-11 03:20:03

Local clock offset: -0.007 ms

Remote clock offset: -0.08 ms

Below is generated by plot.py at 2018-07-11 08:07:12

Datalink statistics

-- Total of 3 flows:

Average throughput: 320.53 Mbit/s

95th percentile per-packet one-way delay: 144.395 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 169.29 Mbit/s

95th percentile per-packet one-way delay: 141.066 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 162.82 Mbit/s

95th percentile per-packet one-way delay: 145.433 ms

Loss rate: 0.00%

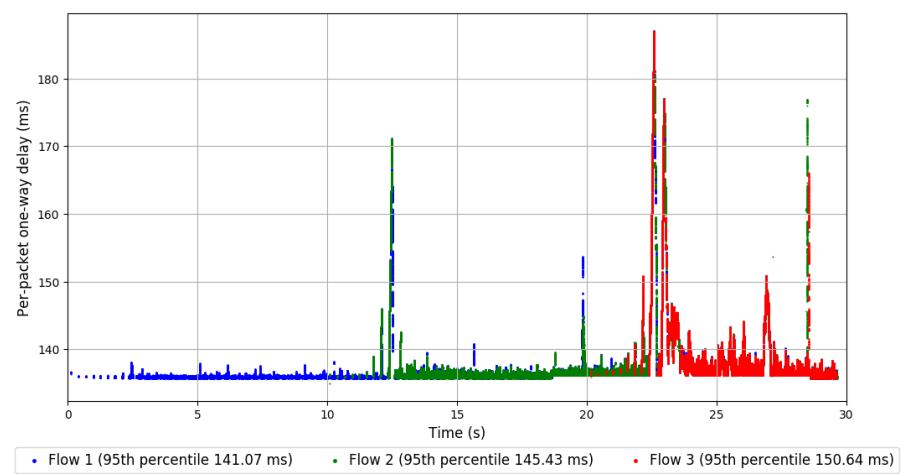
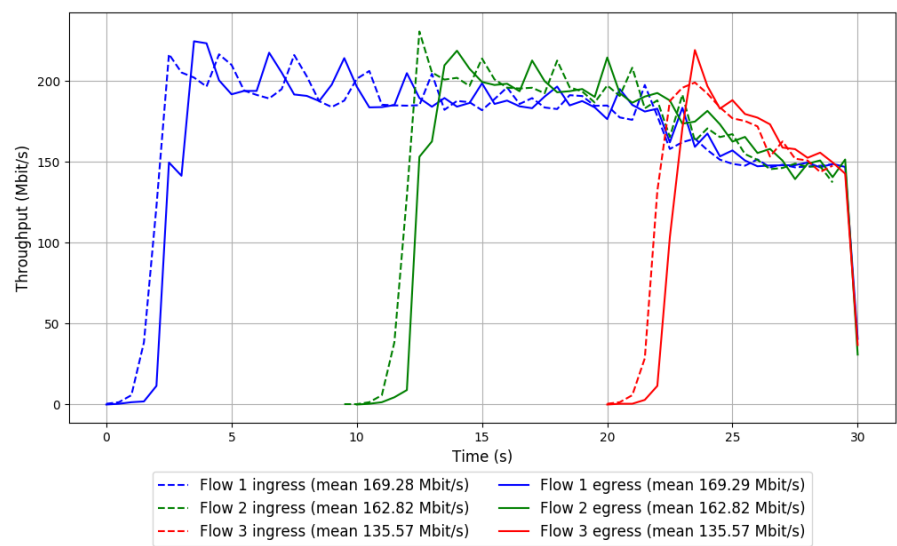
-- Flow 3:

Average throughput: 135.57 Mbit/s

95th percentile per-packet one-way delay: 150.641 ms

Loss rate: 0.00%

Run 4: Report of Indigo — Data Link

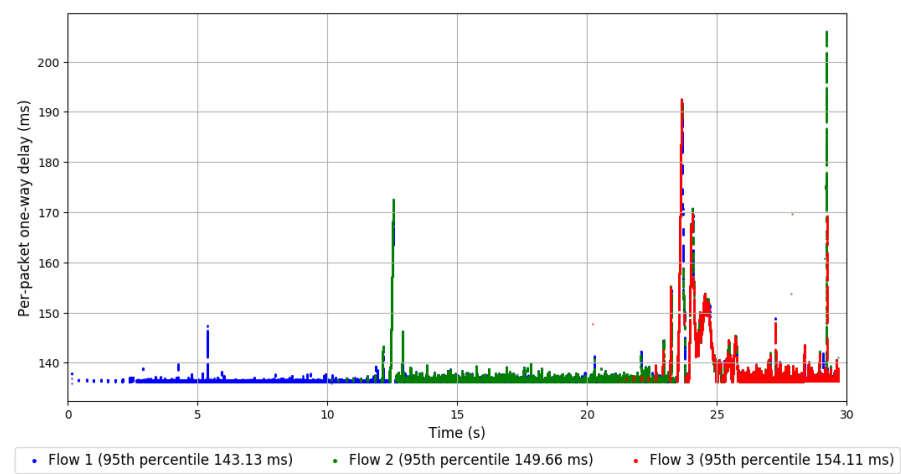
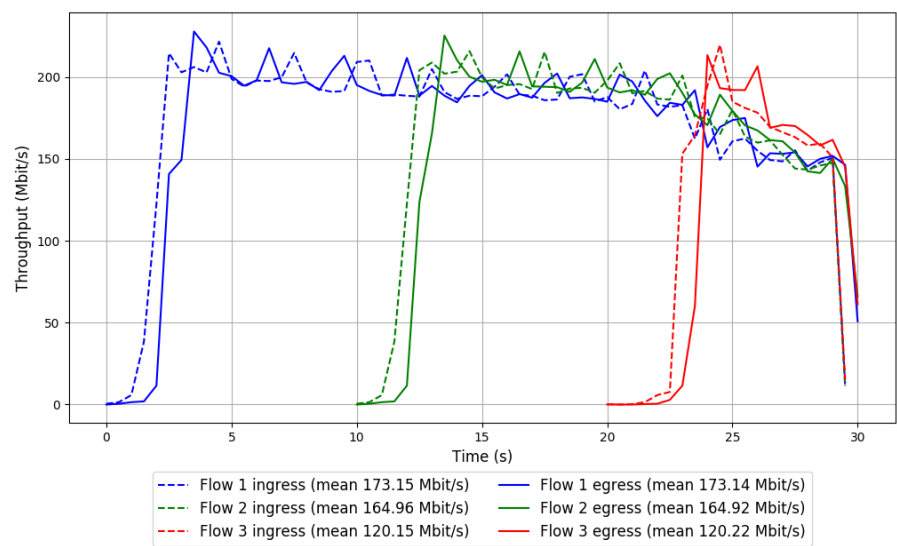


Run 5: Statistics of Indigo

Start at: 2018-07-11 03:46:53
End at: 2018-07-11 03:47:23
Local clock offset: -0.048 ms
Remote clock offset: -0.118 ms

Below is generated by plot.py at 2018-07-11 08:07:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 320.63 Mbit/s
95th percentile per-packet one-way delay: 148.237 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 173.14 Mbit/s
95th percentile per-packet one-way delay: 143.126 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 164.92 Mbit/s
95th percentile per-packet one-way delay: 149.664 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 120.22 Mbit/s
95th percentile per-packet one-way delay: 154.111 ms
Loss rate: 0.06%

Run 5: Report of Indigo — Data Link

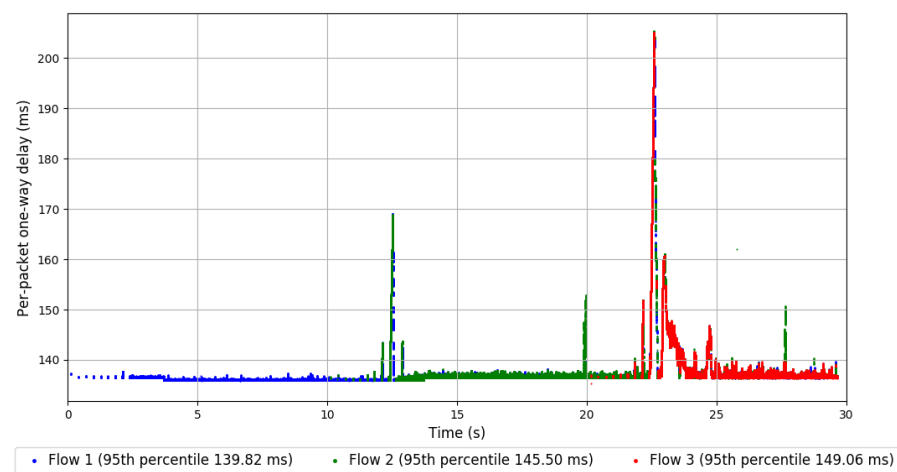
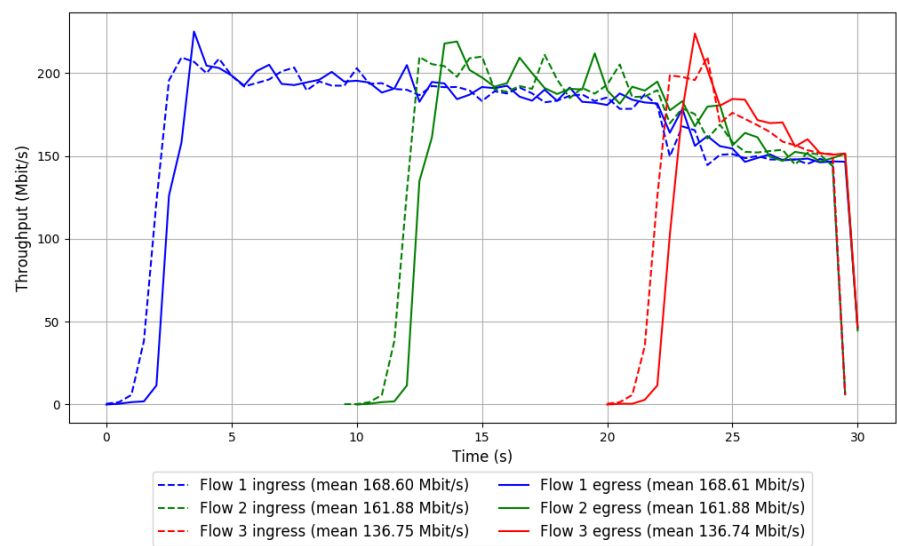


Run 6: Statistics of Indigo

Start at: 2018-07-11 04:13:28
End at: 2018-07-11 04:13:58
Local clock offset: -0.114 ms
Remote clock offset: -0.091 ms

Below is generated by plot.py at 2018-07-11 08:07:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 319.72 Mbit/s
95th percentile per-packet one-way delay: 144.547 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 168.61 Mbit/s
95th percentile per-packet one-way delay: 139.818 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 161.88 Mbit/s
95th percentile per-packet one-way delay: 145.503 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 136.74 Mbit/s
95th percentile per-packet one-way delay: 149.059 ms
Loss rate: 0.00%

Run 6: Report of Indigo — Data Link

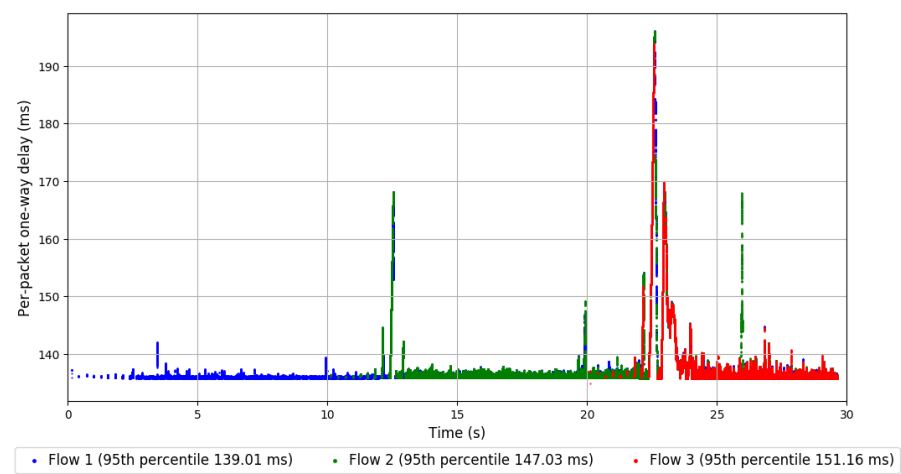
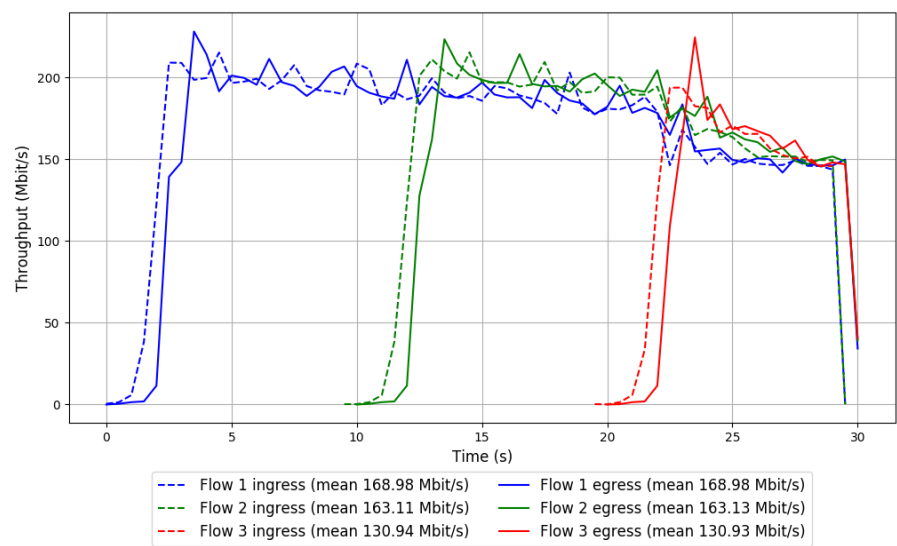


Run 7: Statistics of Indigo

Start at: 2018-07-11 04:39:39
End at: 2018-07-11 04:40:09
Local clock offset: 0.1 ms
Remote clock offset: -0.415 ms

```
# Below is generated by plot.py at 2018-07-11 08:07:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 319.05 Mbit/s
95th percentile per-packet one-way delay: 145.052 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 168.98 Mbit/s
95th percentile per-packet one-way delay: 139.007 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 163.13 Mbit/s
95th percentile per-packet one-way delay: 147.030 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 130.93 Mbit/s
95th percentile per-packet one-way delay: 151.161 ms
Loss rate: 0.00%
```


Run 7: Report of Indigo — Data Link

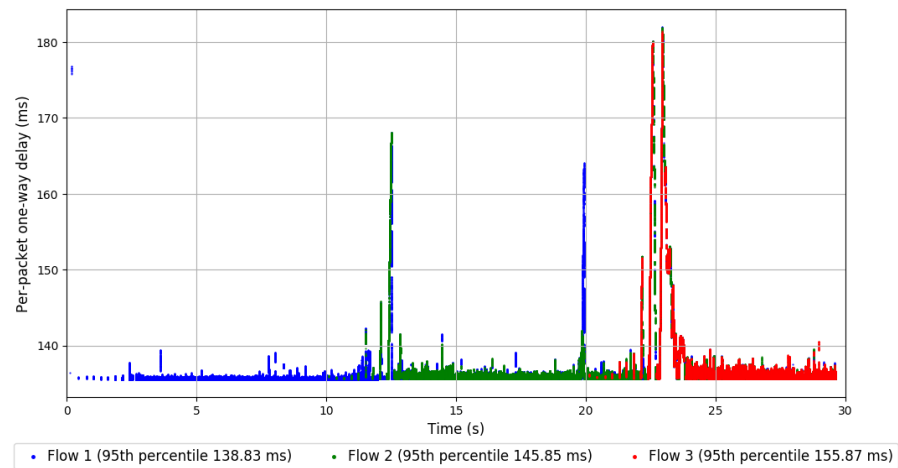
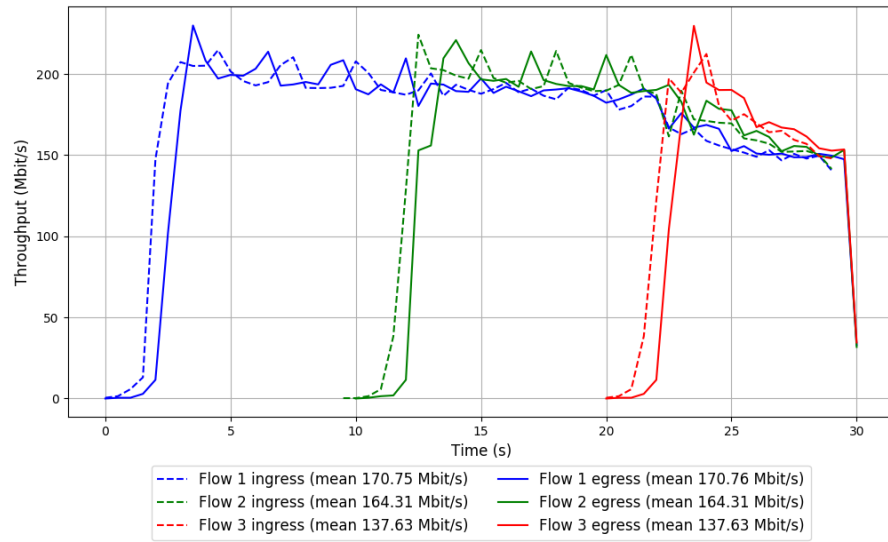


Run 8: Statistics of Indigo

Start at: 2018-07-11 05:06:39
End at: 2018-07-11 05:07:09
Local clock offset: 0.128 ms
Remote clock offset: -0.005 ms

```
# Below is generated by plot.py at 2018-07-11 08:07:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 323.71 Mbit/s
95th percentile per-packet one-way delay: 144.670 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 170.76 Mbit/s
95th percentile per-packet one-way delay: 138.829 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 164.31 Mbit/s
95th percentile per-packet one-way delay: 145.850 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 137.63 Mbit/s
95th percentile per-packet one-way delay: 155.872 ms
Loss rate: 0.00%
```

Run 8: Report of Indigo — Data Link

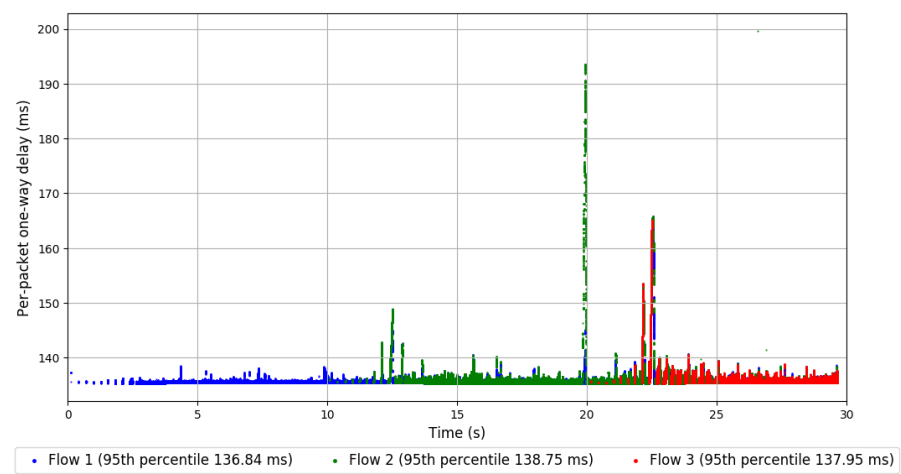
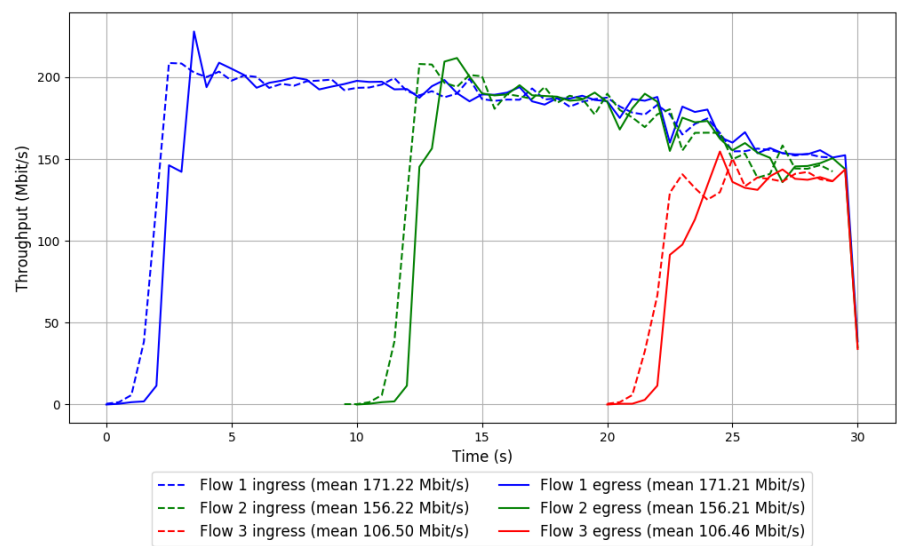


Run 9: Statistics of Indigo

Start at: 2018-07-11 05:33:48
End at: 2018-07-11 05:34:18
Local clock offset: -0.049 ms
Remote clock offset: -0.406 ms

```
# Below is generated by plot.py at 2018-07-11 08:07:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 308.79 Mbit/s
95th percentile per-packet one-way delay: 137.554 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 171.21 Mbit/s
95th percentile per-packet one-way delay: 136.835 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 156.21 Mbit/s
95th percentile per-packet one-way delay: 138.748 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 106.46 Mbit/s
95th percentile per-packet one-way delay: 137.950 ms
Loss rate: 0.03%
```

Run 9: Report of Indigo — Data Link

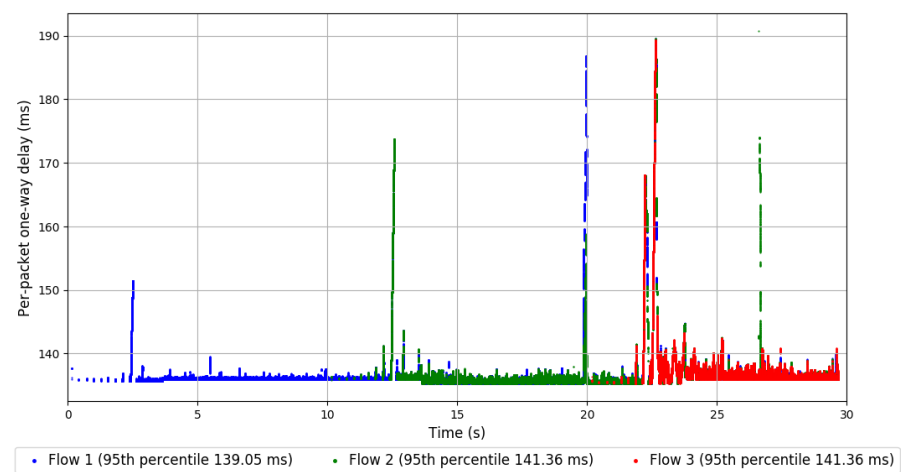
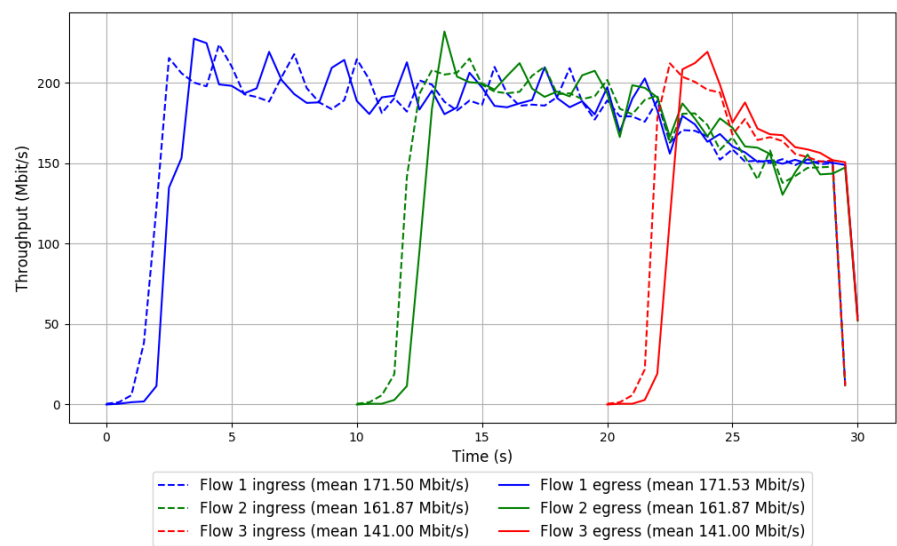


Run 10: Statistics of Indigo

Start at: 2018-07-11 06:00:48
End at: 2018-07-11 06:01:18
Local clock offset: 0.114 ms
Remote clock offset: -0.381 ms

Below is generated by plot.py at 2018-07-11 08:07:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 323.81 Mbit/s
95th percentile per-packet one-way delay: 140.186 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 171.53 Mbit/s
95th percentile per-packet one-way delay: 139.053 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 161.87 Mbit/s
95th percentile per-packet one-way delay: 141.362 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 141.00 Mbit/s
95th percentile per-packet one-way delay: 141.356 ms
Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

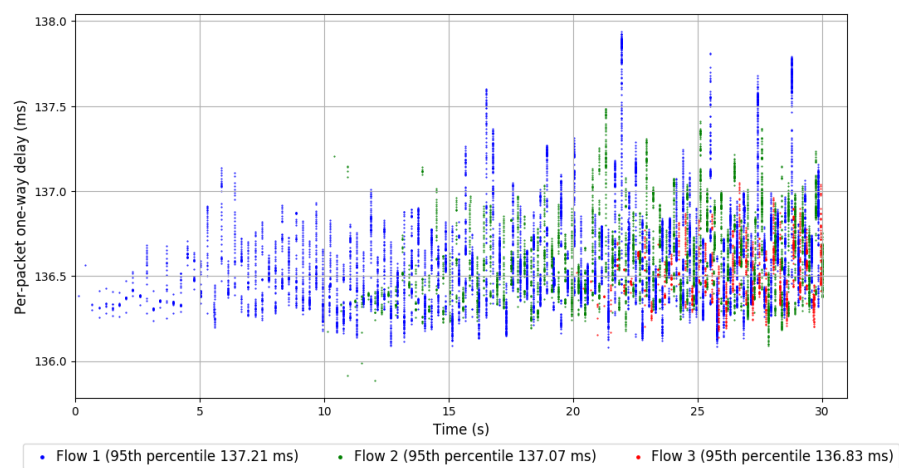
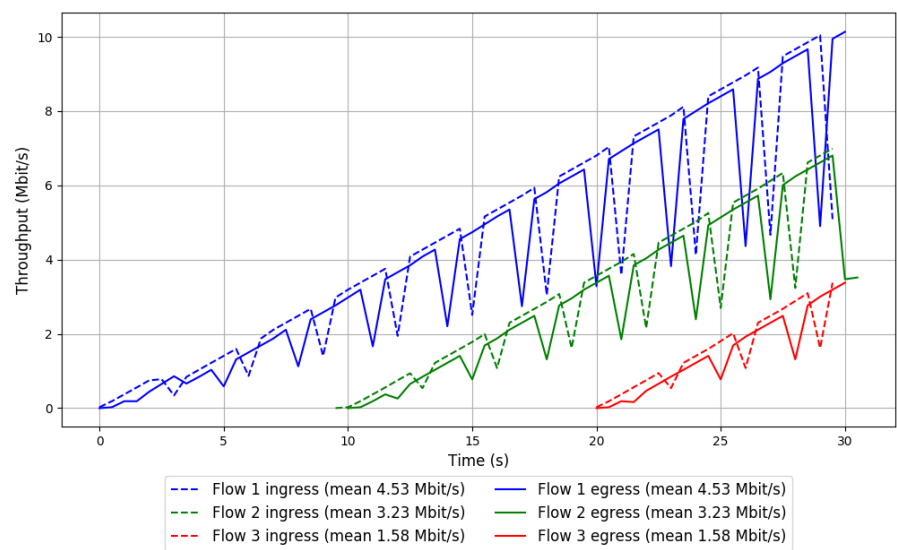


```
Run 1: Statistics of LEDBAT

Start at: 2018-07-11 02:02:22
End at: 2018-07-11 02:02:52
Local clock offset: -0.044 ms
Remote clock offset: 0.216 ms

# Below is generated by plot.py at 2018-07-11 08:07:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.18 Mbit/s
95th percentile per-packet one-way delay: 137.133 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.53 Mbit/s
95th percentile per-packet one-way delay: 137.210 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.23 Mbit/s
95th percentile per-packet one-way delay: 137.074 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.58 Mbit/s
95th percentile per-packet one-way delay: 136.831 ms
Loss rate: 0.00%
```


Run 1: Report of LEDBAT — Data Link

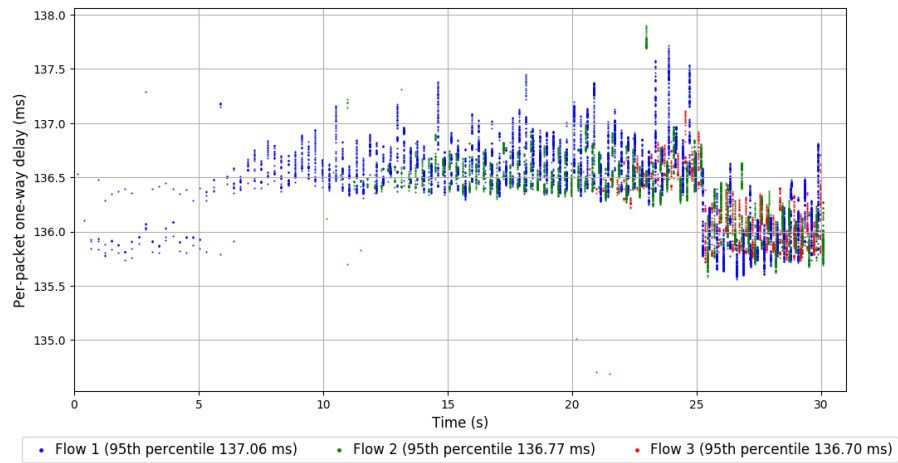
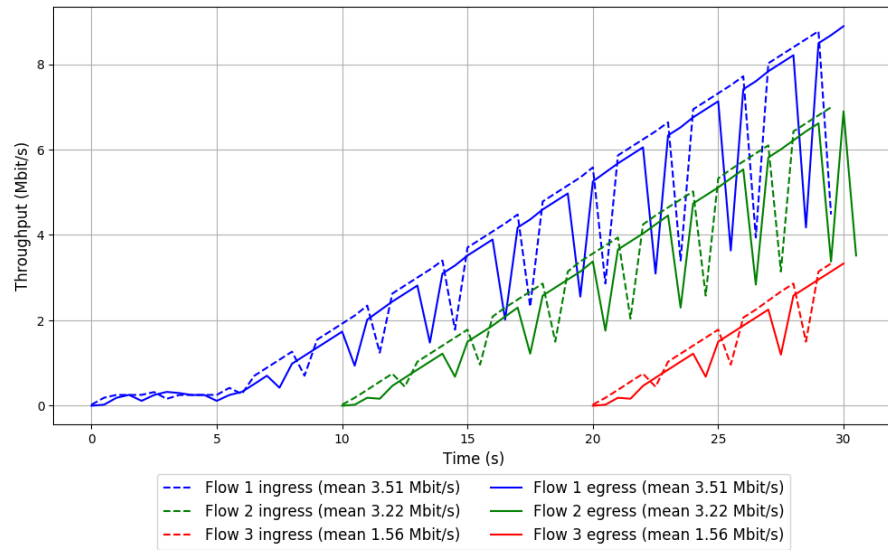


Run 2: Statistics of LEDBAT

Start at: 2018-07-11 02:28:57
End at: 2018-07-11 02:29:27
Local clock offset: 0.088 ms
Remote clock offset: -0.113 ms

Below is generated by plot.py at 2018-07-11 08:07:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 6.14 Mbit/s
95th percentile per-packet one-way delay: 136.946 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.51 Mbit/s
95th percentile per-packet one-way delay: 137.059 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.22 Mbit/s
95th percentile per-packet one-way delay: 136.766 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.56 Mbit/s
95th percentile per-packet one-way delay: 136.701 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

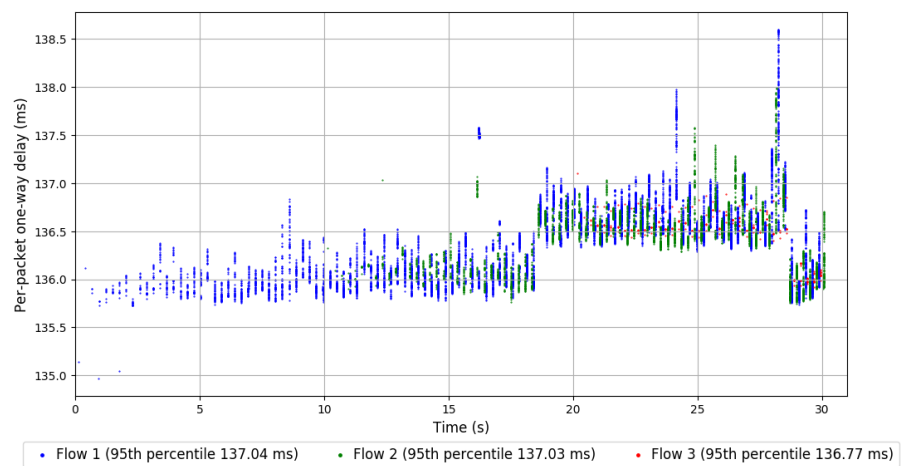
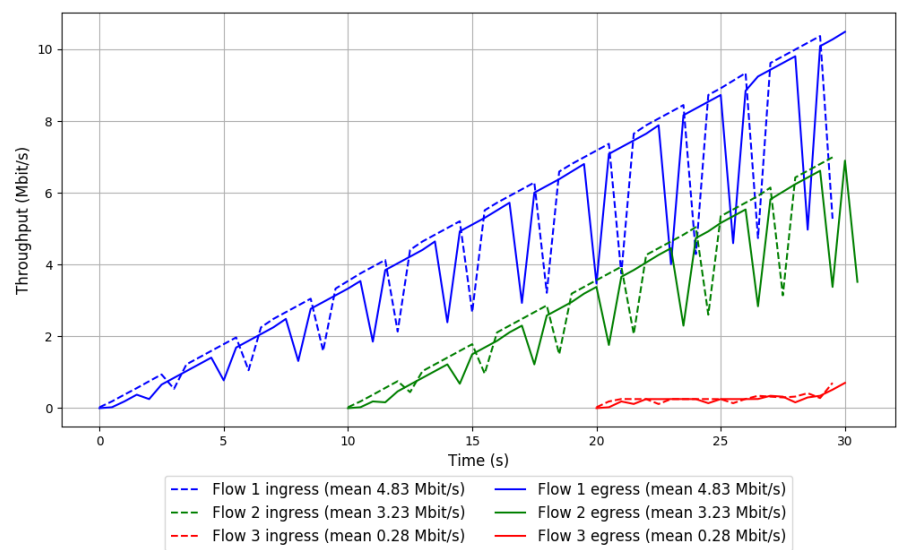


Run 3: Statistics of LEDBAT

Start at: 2018-07-11 02:56:03
End at: 2018-07-11 02:56:33
Local clock offset: -0.022 ms
Remote clock offset: -0.139 ms

Below is generated by plot.py at 2018-07-11 08:07:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 7.04 Mbit/s
95th percentile per-packet one-way delay: 137.036 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.83 Mbit/s
95th percentile per-packet one-way delay: 137.044 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.23 Mbit/s
95th percentile per-packet one-way delay: 137.028 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 136.772 ms
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

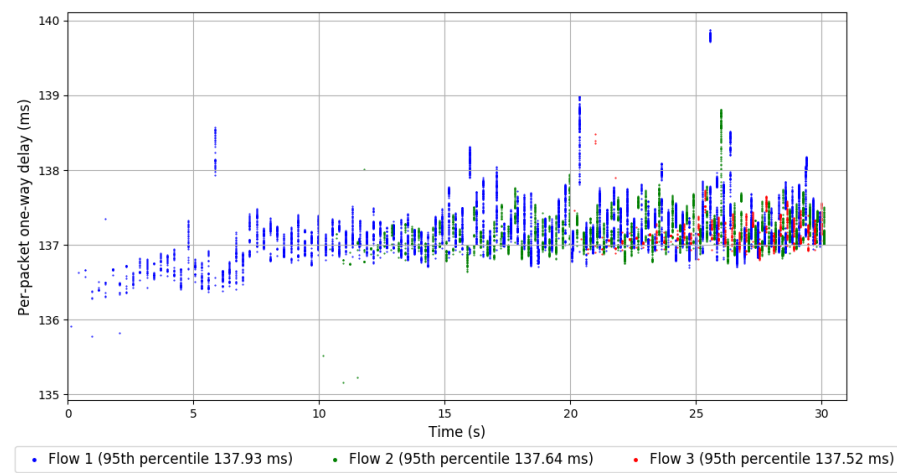
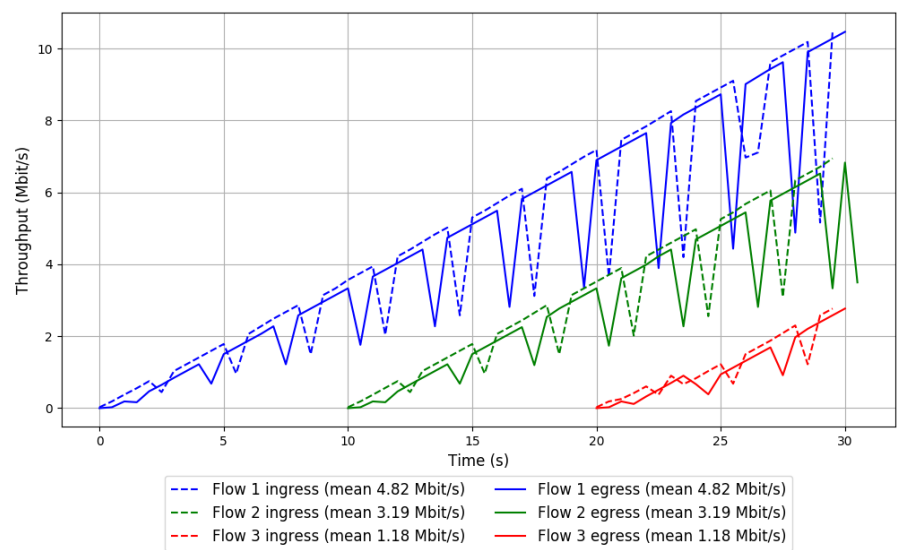


Run 4: Statistics of LEDBAT

Start at: 2018-07-11 03:23:05
End at: 2018-07-11 03:23:35
Local clock offset: -0.063 ms
Remote clock offset: 0.264 ms

```
# Below is generated by plot.py at 2018-07-11 08:07:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.30 Mbit/s
95th percentile per-packet one-way delay: 137.788 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.82 Mbit/s
95th percentile per-packet one-way delay: 137.930 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.19 Mbit/s
95th percentile per-packet one-way delay: 137.638 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.18 Mbit/s
95th percentile per-packet one-way delay: 137.523 ms
Loss rate: 0.00%
```

Run 4: Report of LEDBAT — Data Link

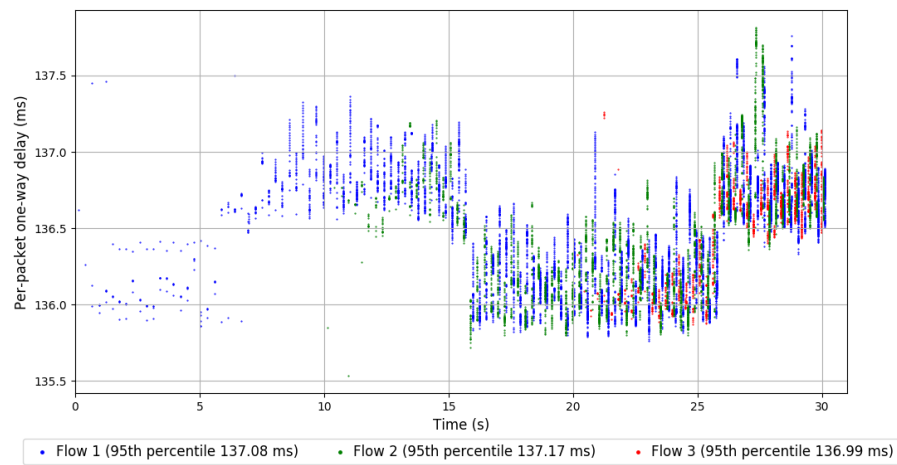
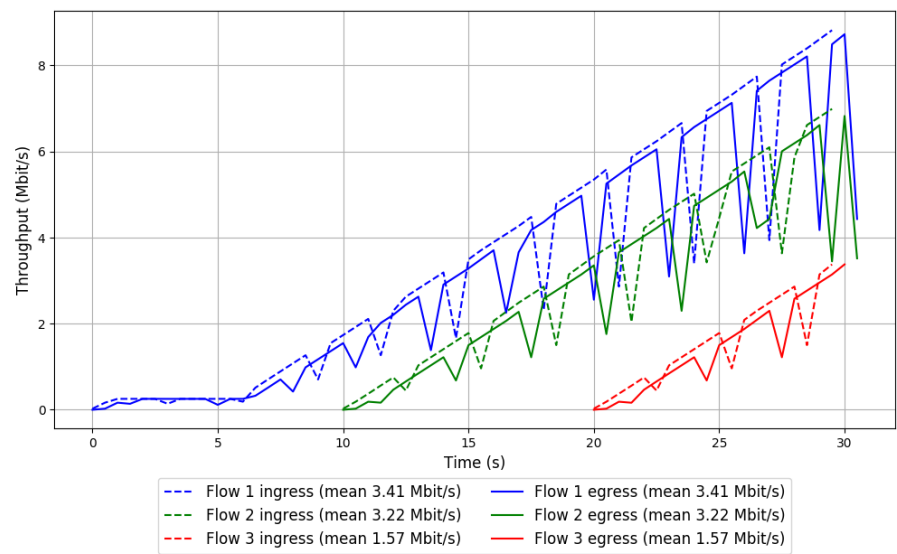


Run 5: Statistics of LEDBAT

Start at: 2018-07-11 03:50:26
End at: 2018-07-11 03:50:56
Local clock offset: -0.094 ms
Remote clock offset: -0.123 ms

Below is generated by plot.py at 2018-07-11 08:07:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 6.06 Mbit/s
95th percentile per-packet one-way delay: 137.089 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.41 Mbit/s
95th percentile per-packet one-way delay: 137.082 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.22 Mbit/s
95th percentile per-packet one-way delay: 137.168 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.57 Mbit/s
95th percentile per-packet one-way delay: 136.990 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

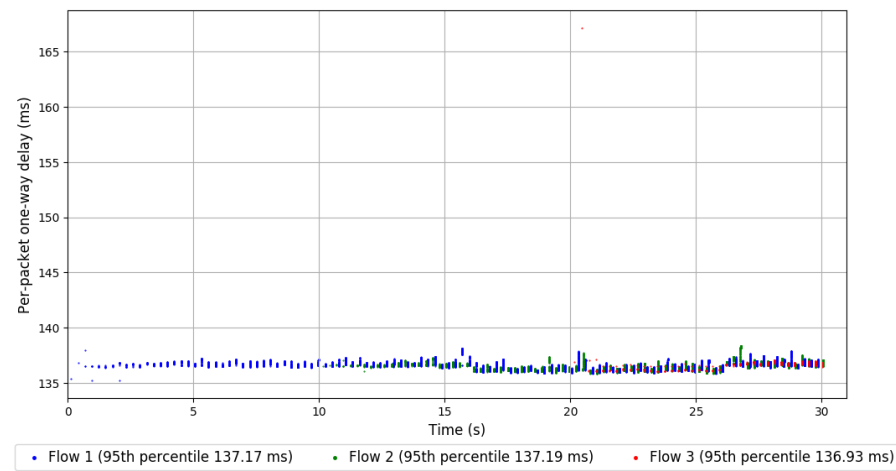
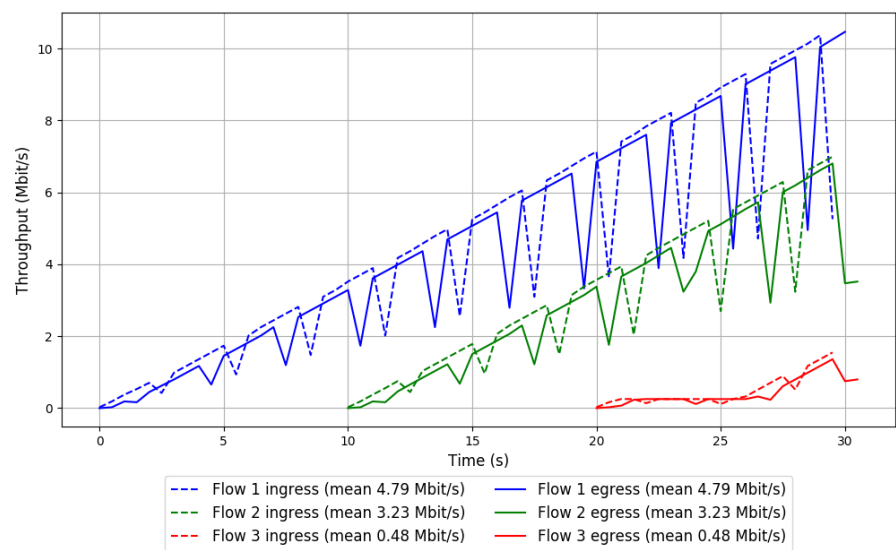


Run 6: Statistics of LEDBAT

Start at: 2018-07-11 04:17:06
End at: 2018-07-11 04:17:36
Local clock offset: -0.079 ms
Remote clock offset: -0.067 ms

Below is generated by plot.py at 2018-07-11 08:07:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 7.06 Mbit/s
95th percentile per-packet one-way delay: 137.174 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.79 Mbit/s
95th percentile per-packet one-way delay: 137.173 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.23 Mbit/s
95th percentile per-packet one-way delay: 137.189 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 136.933 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

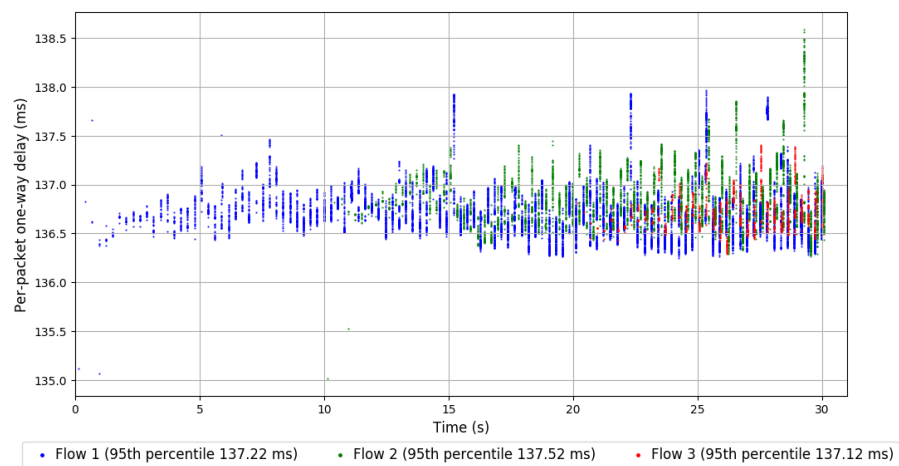
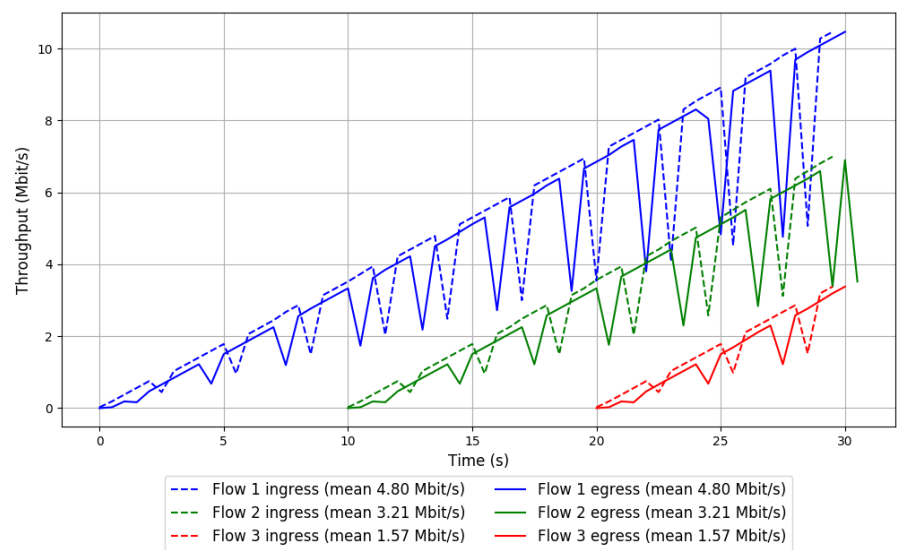


Run 7: Statistics of LEDBAT

Start at: 2018-07-11 04:43:16
End at: 2018-07-11 04:43:46
Local clock offset: -0.034 ms
Remote clock offset: -0.051 ms

Below is generated by plot.py at 2018-07-11 08:07:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 7.43 Mbit/s
95th percentile per-packet one-way delay: 137.290 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.80 Mbit/s
95th percentile per-packet one-way delay: 137.224 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.21 Mbit/s
95th percentile per-packet one-way delay: 137.516 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.57 Mbit/s
95th percentile per-packet one-way delay: 137.120 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

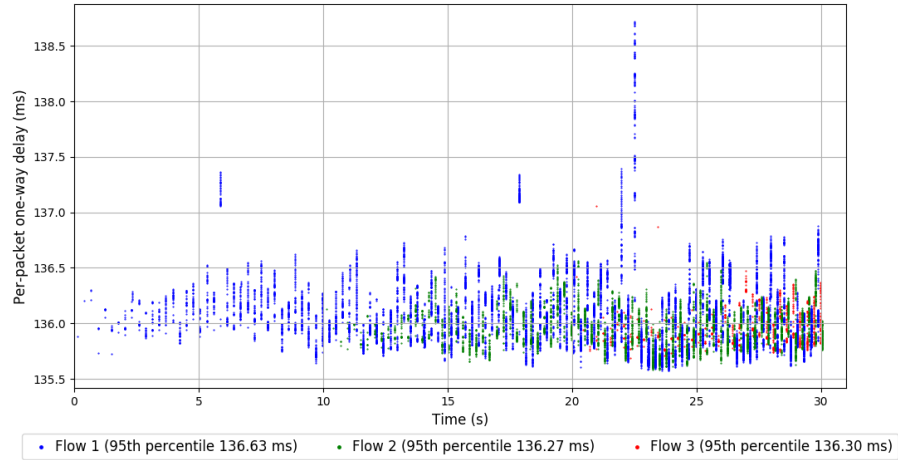
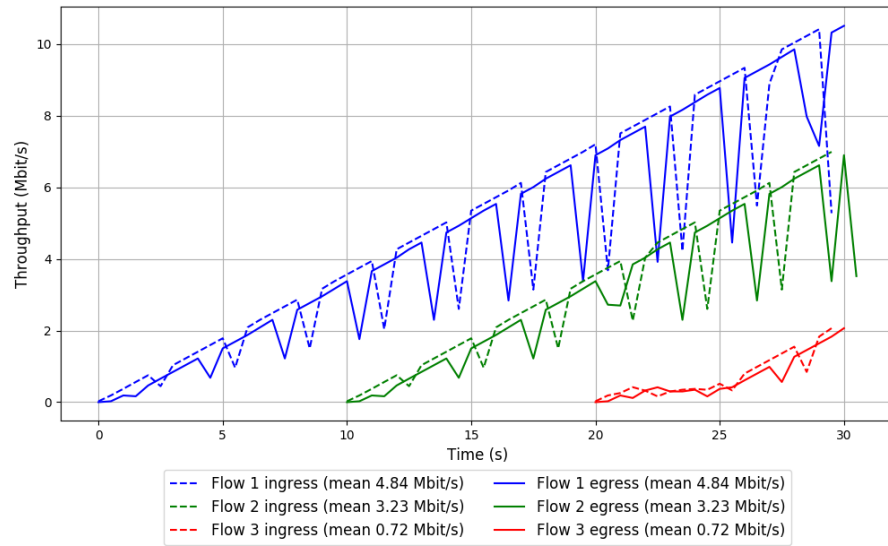


Run 8: Statistics of LEDBAT

Start at: 2018-07-11 05:10:13
End at: 2018-07-11 05:10:43
Local clock offset: 0.054 ms
Remote clock offset: -0.031 ms

```
# Below is generated by plot.py at 2018-07-11 08:07:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.20 Mbit/s
95th percentile per-packet one-way delay: 136.554 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.84 Mbit/s
95th percentile per-packet one-way delay: 136.633 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.23 Mbit/s
95th percentile per-packet one-way delay: 136.269 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.72 Mbit/s
95th percentile per-packet one-way delay: 136.303 ms
Loss rate: 0.00%
```

Run 8: Report of LEDBAT — Data Link

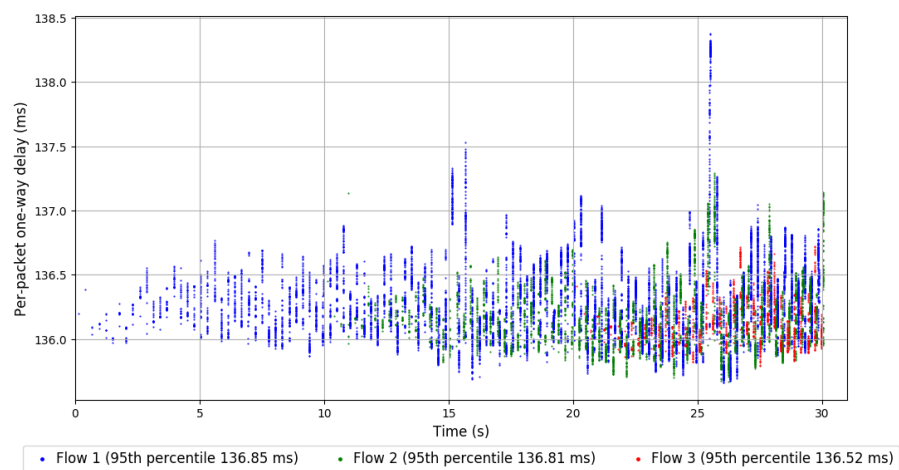
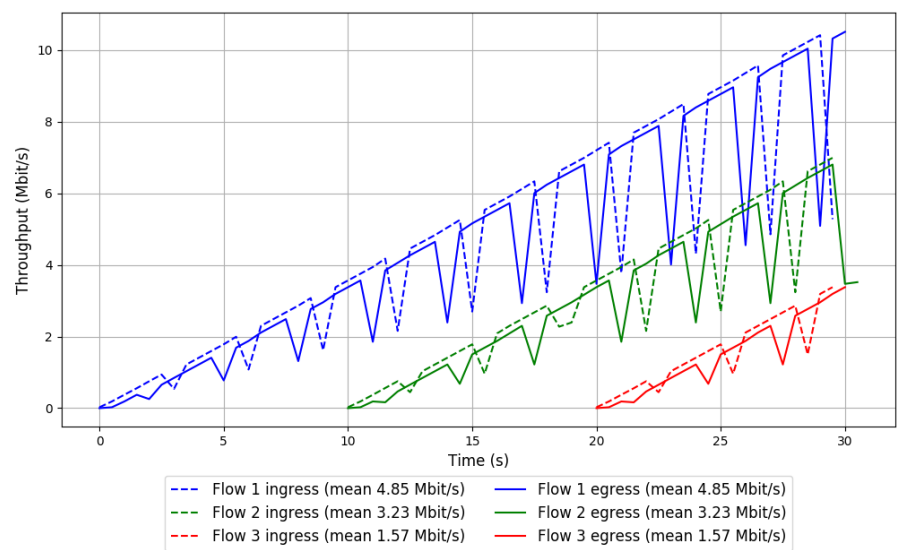


Run 9: Statistics of LEDBAT

Start at: 2018-07-11 05:37:18
End at: 2018-07-11 05:37:48
Local clock offset: -0.033 ms
Remote clock offset: -0.044 ms

Below is generated by plot.py at 2018-07-11 08:07:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 7.48 Mbit/s
95th percentile per-packet one-way delay: 136.814 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.85 Mbit/s
95th percentile per-packet one-way delay: 136.847 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.23 Mbit/s
95th percentile per-packet one-way delay: 136.807 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.57 Mbit/s
95th percentile per-packet one-way delay: 136.518 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link

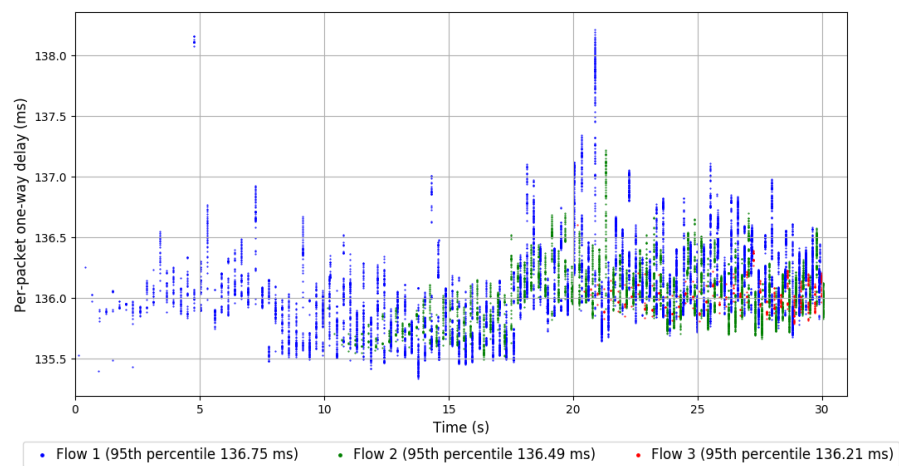
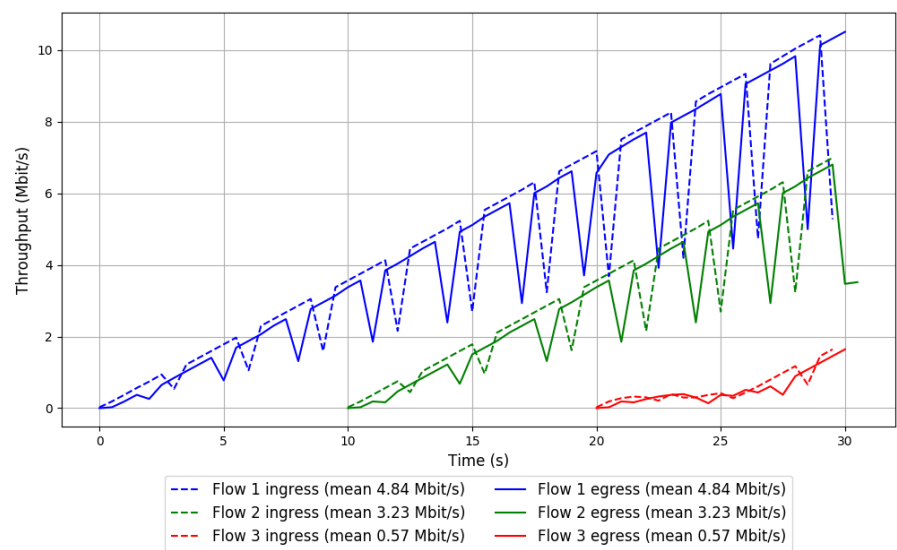


Run 10: Statistics of LEDBAT

Start at: 2018-07-11 06:04:24
End at: 2018-07-11 06:04:54
Local clock offset: 0.139 ms
Remote clock offset: -0.409 ms

Below is generated by plot.py at 2018-07-11 08:07:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 7.15 Mbit/s
95th percentile per-packet one-way delay: 136.640 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.84 Mbit/s
95th percentile per-packet one-way delay: 136.751 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.23 Mbit/s
95th percentile per-packet one-way delay: 136.489 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 136.206 ms
Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link

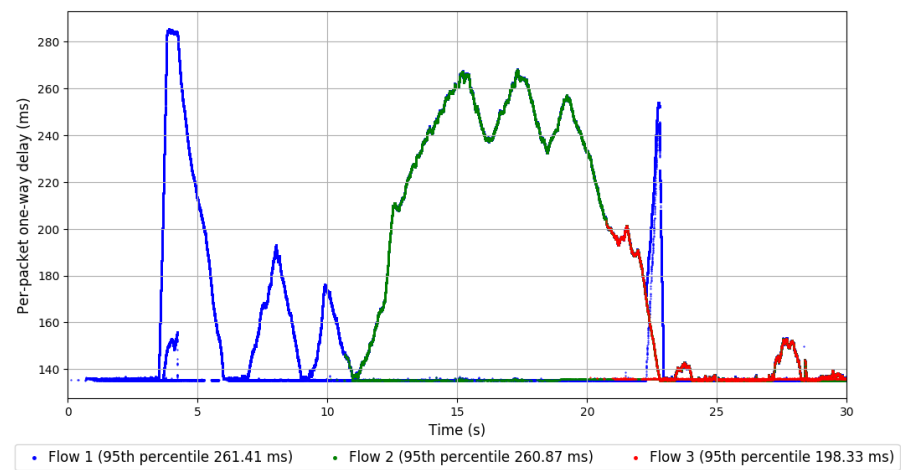
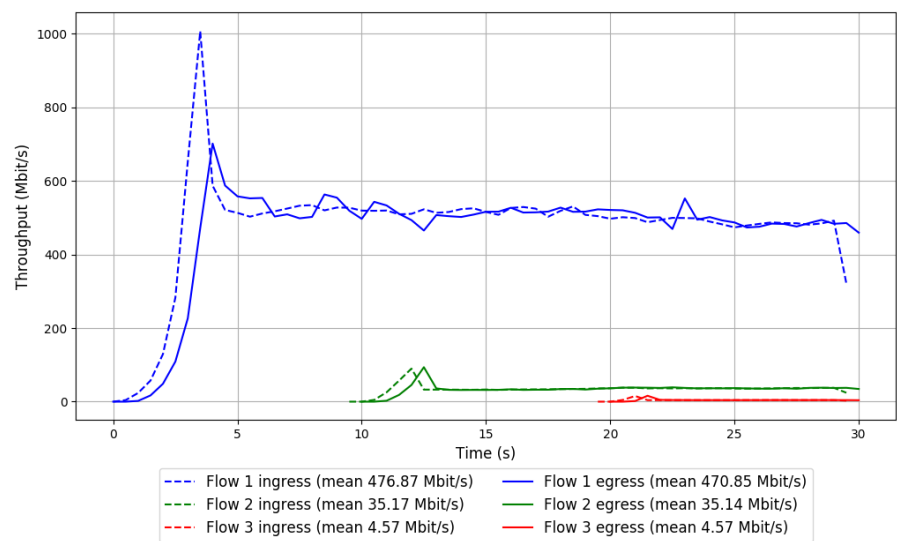


Run 1: Statistics of PCC-Allegro

Start at: 2018-07-11 02:20:53
End at: 2018-07-11 02:21:23
Local clock offset: 0.076 ms
Remote clock offset: -0.512 ms

Below is generated by plot.py at 2018-07-11 08:07:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 495.75 Mbit/s
95th percentile per-packet one-way delay: 261.351 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 470.85 Mbit/s
95th percentile per-packet one-way delay: 261.411 ms
Loss rate: 1.26%
-- Flow 2:
Average throughput: 35.14 Mbit/s
95th percentile per-packet one-way delay: 260.866 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 4.57 Mbit/s
95th percentile per-packet one-way delay: 198.333 ms
Loss rate: 0.00%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2018-07-11 02:47:55

End at: 2018-07-11 02:48:25

Local clock offset: -0.031 ms

Remote clock offset: 0.259 ms

Below is generated by plot.py at 2018-07-11 08:07:12

Datalink statistics

-- Total of 3 flows:

Average throughput: 485.79 Mbit/s

95th percentile per-packet one-way delay: 252.697 ms

Loss rate: 1.46%

-- Flow 1:

Average throughput: 461.64 Mbit/s

95th percentile per-packet one-way delay: 252.960 ms

Loss rate: 1.50%

-- Flow 2:

Average throughput: 4.50 Mbit/s

95th percentile per-packet one-way delay: 248.701 ms

Loss rate: 0.40%

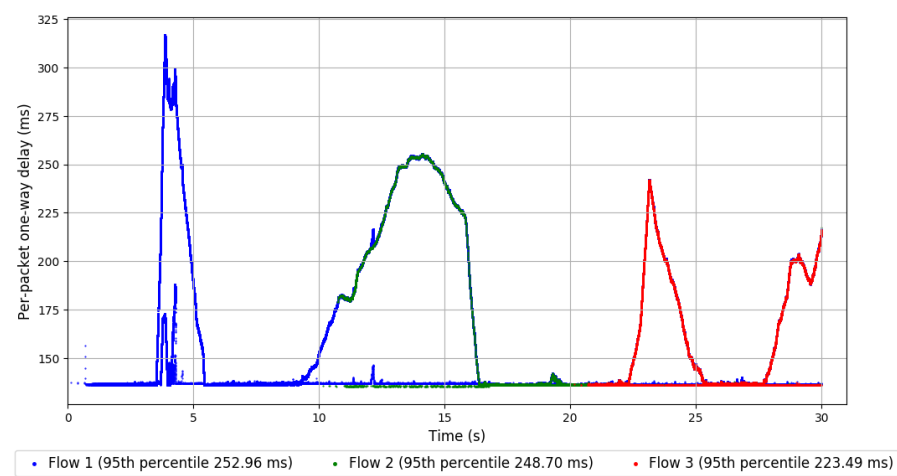
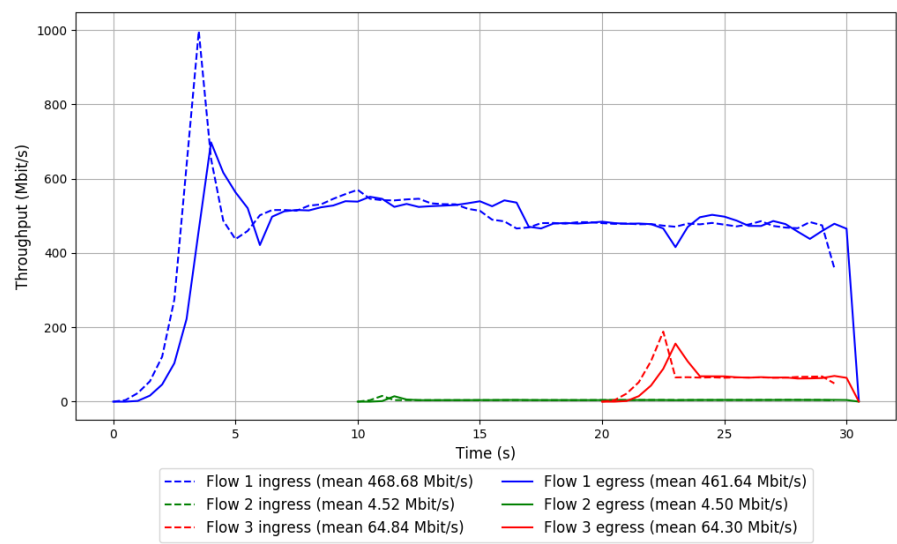
-- Flow 3:

Average throughput: 64.30 Mbit/s

95th percentile per-packet one-way delay: 223.490 ms

Loss rate: 0.82%

Run 2: Report of PCC-Allegro — Data Link

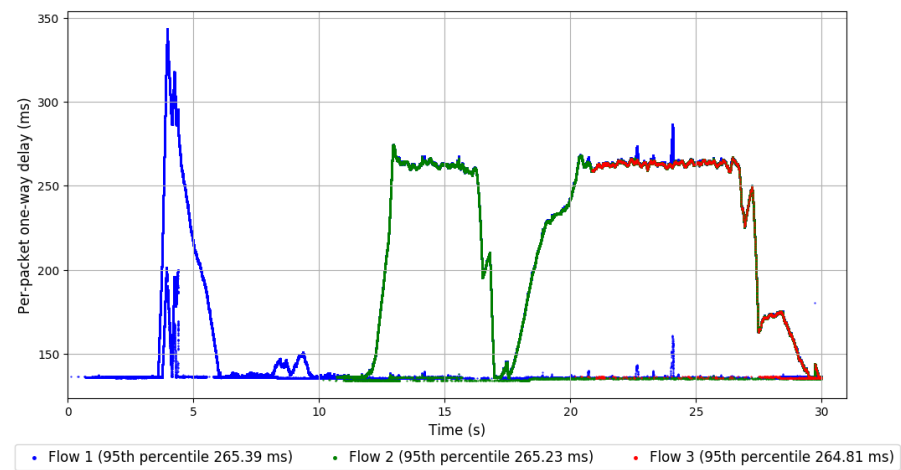
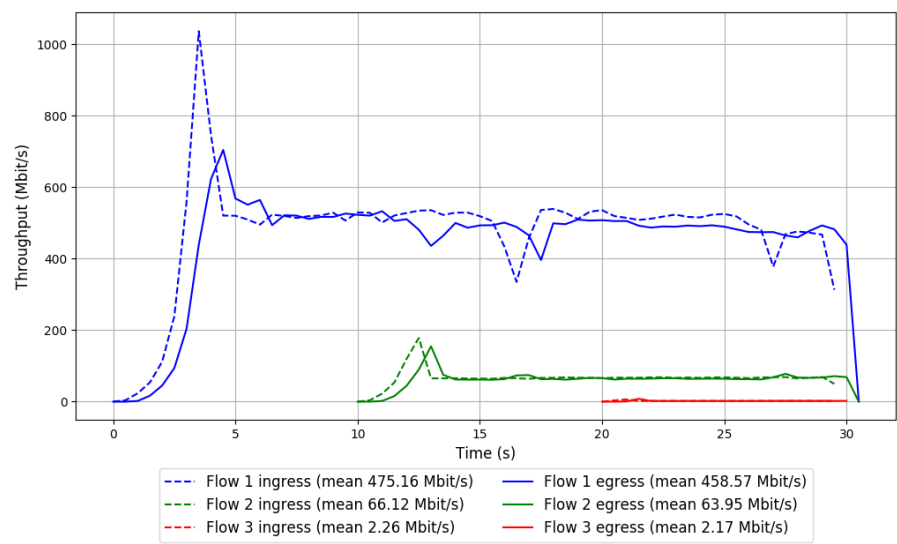


Run 3: Statistics of PCC-Allegro

Start at: 2018-07-11 03:15:03
End at: 2018-07-11 03:15:33
Local clock offset: 0.009 ms
Remote clock offset: -0.483 ms

Below is generated by plot.py at 2018-07-11 08:07:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 501.80 Mbit/s
95th percentile per-packet one-way delay: 265.373 ms
Loss rate: 3.48%
-- Flow 1:
Average throughput: 458.57 Mbit/s
95th percentile per-packet one-way delay: 265.392 ms
Loss rate: 3.49%
-- Flow 2:
Average throughput: 63.95 Mbit/s
95th percentile per-packet one-way delay: 265.232 ms
Loss rate: 3.28%
-- Flow 3:
Average throughput: 2.17 Mbit/s
95th percentile per-packet one-way delay: 264.814 ms
Loss rate: 4.22%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2018-07-11 03:42:14

End at: 2018-07-11 03:42:44

Local clock offset: -0.185 ms

Remote clock offset: 0.258 ms

Below is generated by plot.py at 2018-07-11 08:07:14

Datalink statistics

-- Total of 3 flows:

Average throughput: 492.81 Mbit/s

95th percentile per-packet one-way delay: 262.732 ms

Loss rate: 1.74%

-- Flow 1:

Average throughput: 449.52 Mbit/s

95th percentile per-packet one-way delay: 262.623 ms

Loss rate: 1.82%

-- Flow 2:

Average throughput: 33.49 Mbit/s

95th percentile per-packet one-way delay: 261.955 ms

Loss rate: 0.29%

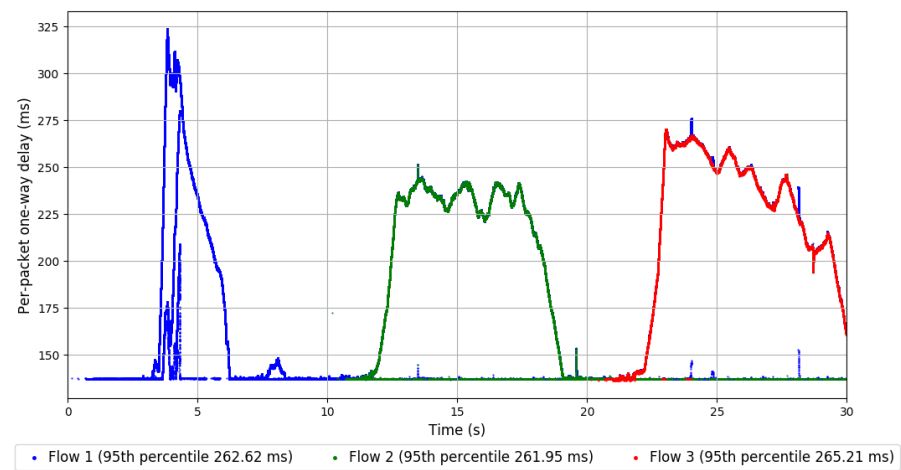
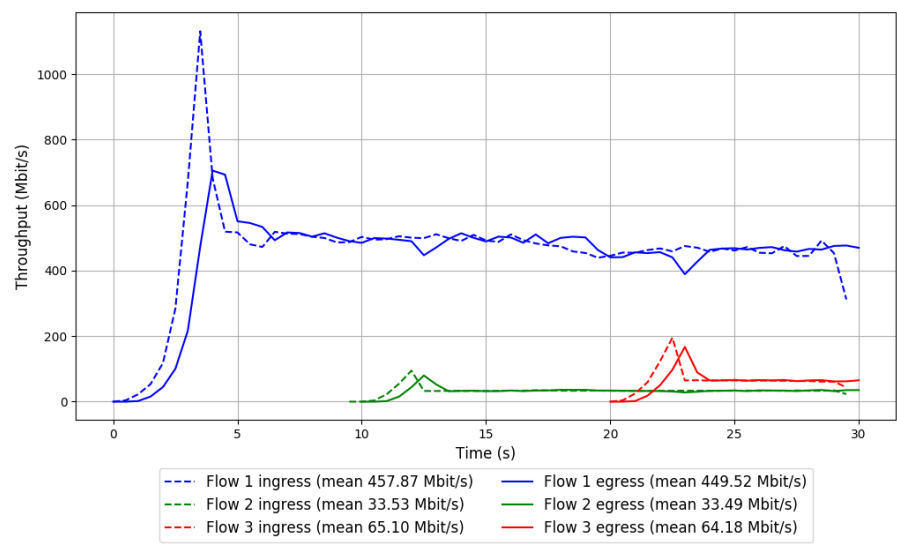
-- Flow 3:

Average throughput: 64.18 Mbit/s

95th percentile per-packet one-way delay: 265.214 ms

Loss rate: 1.35%

Run 4: Report of PCC-Allegro — Data Link

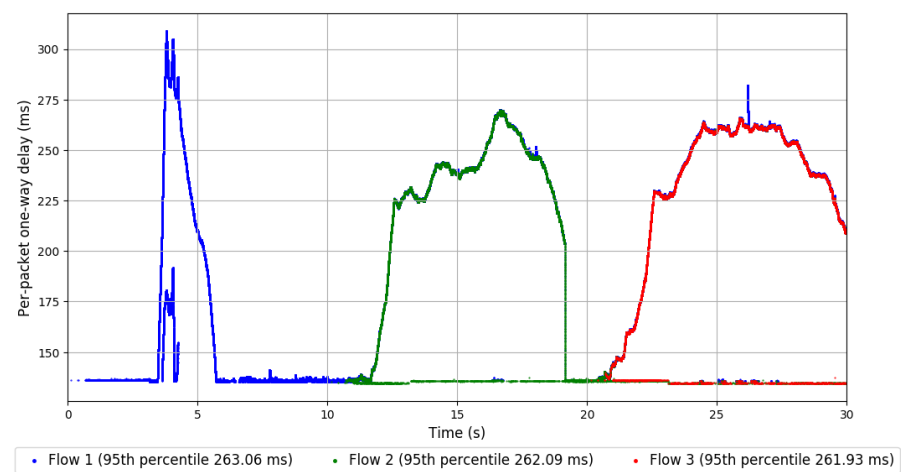
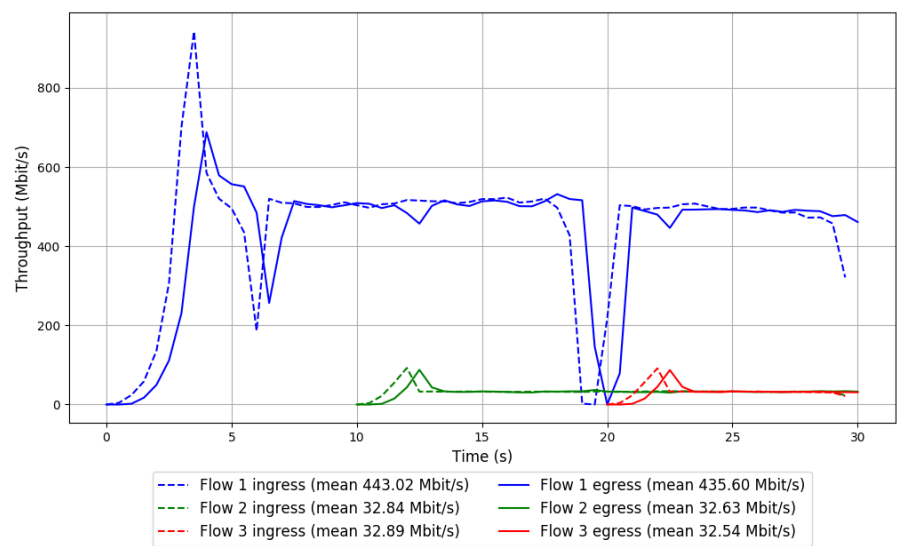


Run 5: Statistics of PCC-Allegro

Start at: 2018-07-11 04:08:49
End at: 2018-07-11 04:09:19
Local clock offset: 0.199 ms
Remote clock offset: -0.109 ms

Below is generated by plot.py at 2018-07-11 08:11:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 467.96 Mbit/s
95th percentile per-packet one-way delay: 262.839 ms
Loss rate: 1.60%
-- Flow 1:
Average throughput: 435.60 Mbit/s
95th percentile per-packet one-way delay: 263.061 ms
Loss rate: 1.67%
-- Flow 2:
Average throughput: 32.63 Mbit/s
95th percentile per-packet one-way delay: 262.093 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 32.54 Mbit/s
95th percentile per-packet one-way delay: 261.931 ms
Loss rate: 1.00%

Run 5: Report of PCC-Allegro — Data Link

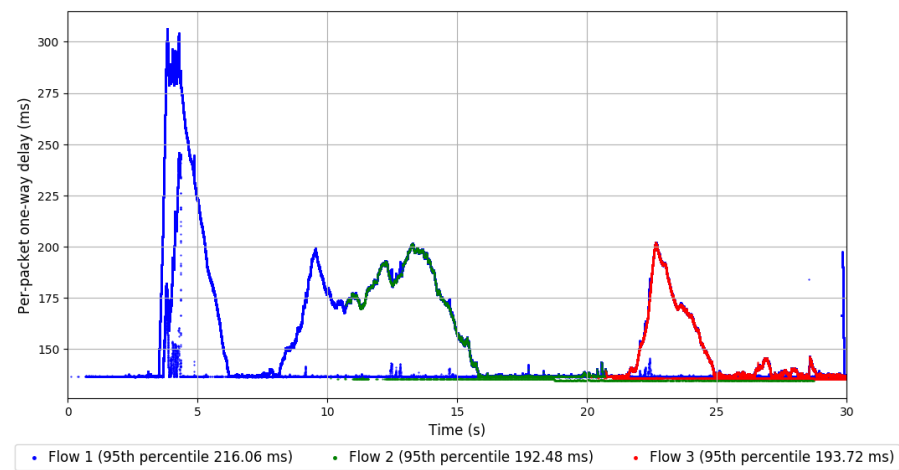
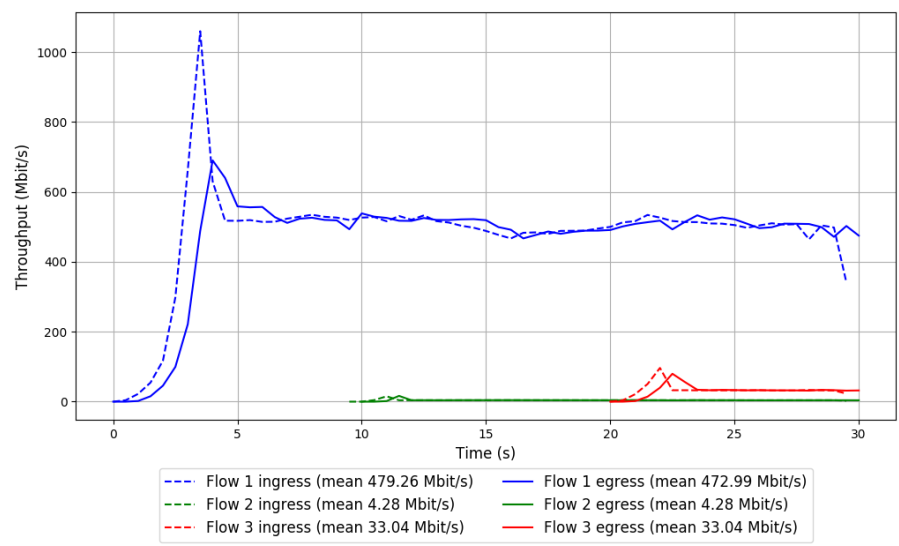


Run 6: Statistics of PCC-Allegro

Start at: 2018-07-11 04:35:03
End at: 2018-07-11 04:35:33
Local clock offset: -0.208 ms
Remote clock offset: -0.092 ms

Below is generated by plot.py at 2018-07-11 08:11:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 486.70 Mbit/s
95th percentile per-packet one-way delay: 213.495 ms
Loss rate: 1.28%
-- Flow 1:
Average throughput: 472.99 Mbit/s
95th percentile per-packet one-way delay: 216.061 ms
Loss rate: 1.31%
-- Flow 2:
Average throughput: 4.28 Mbit/s
95th percentile per-packet one-way delay: 192.483 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 33.04 Mbit/s
95th percentile per-packet one-way delay: 193.716 ms
Loss rate: 0.01%

Run 6: Report of PCC-Allegro — Data Link



Run 7: Statistics of PCC-Allegro

Start at: 2018-07-11 05:01:58

End at: 2018-07-11 05:02:28

Local clock offset: -0.132 ms

Remote clock offset: -0.04 ms

Below is generated by plot.py at 2018-07-11 08:11:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 479.05 Mbit/s

95th percentile per-packet one-way delay: 222.510 ms

Loss rate: 0.83%

-- Flow 1:

Average throughput: 454.66 Mbit/s

95th percentile per-packet one-way delay: 222.551 ms

Loss rate: 0.88%

-- Flow 2:

Average throughput: 34.45 Mbit/s

95th percentile per-packet one-way delay: 221.428 ms

Loss rate: 0.00%

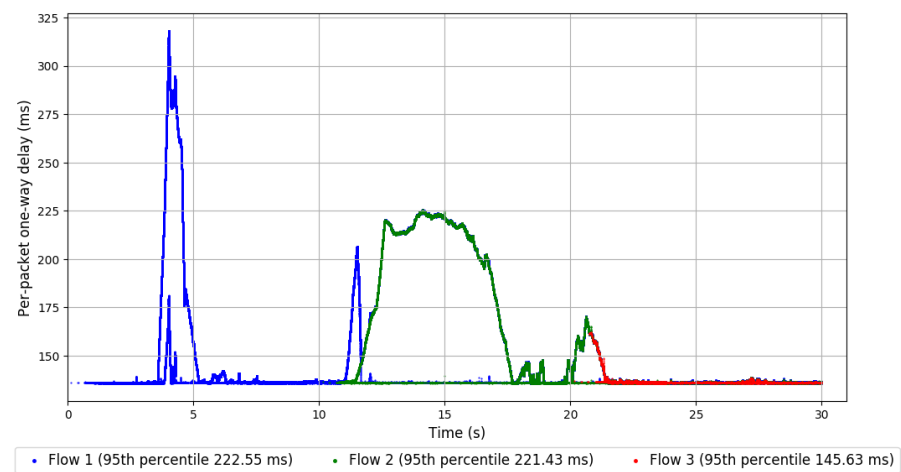
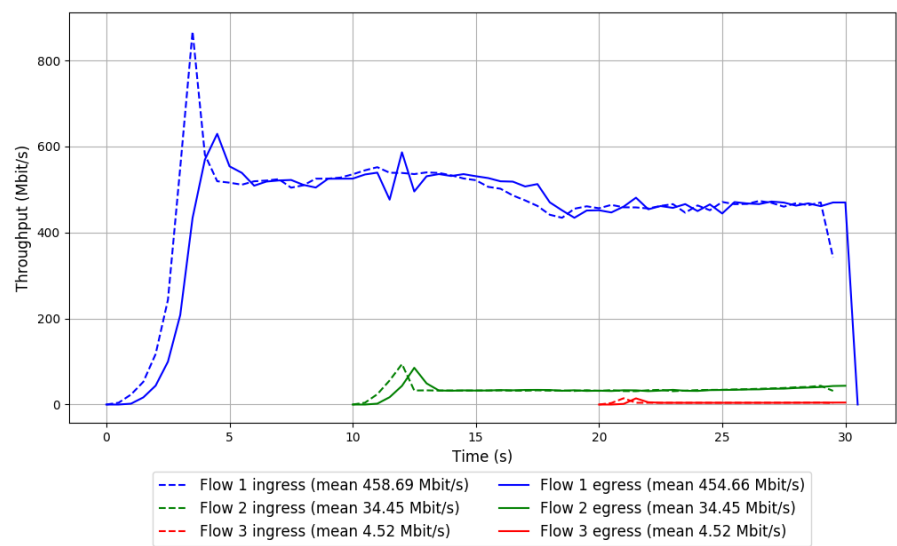
-- Flow 3:

Average throughput: 4.52 Mbit/s

95th percentile per-packet one-way delay: 145.627 ms

Loss rate: 0.00%

Run 7: Report of PCC-Allegro — Data Link

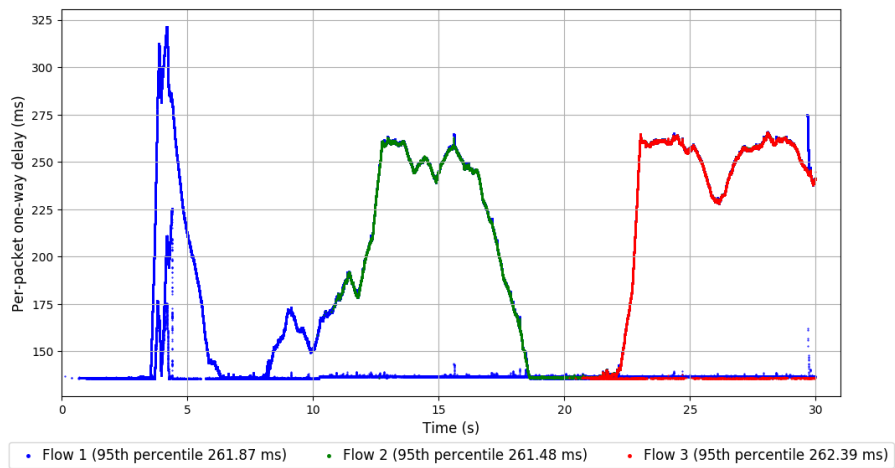
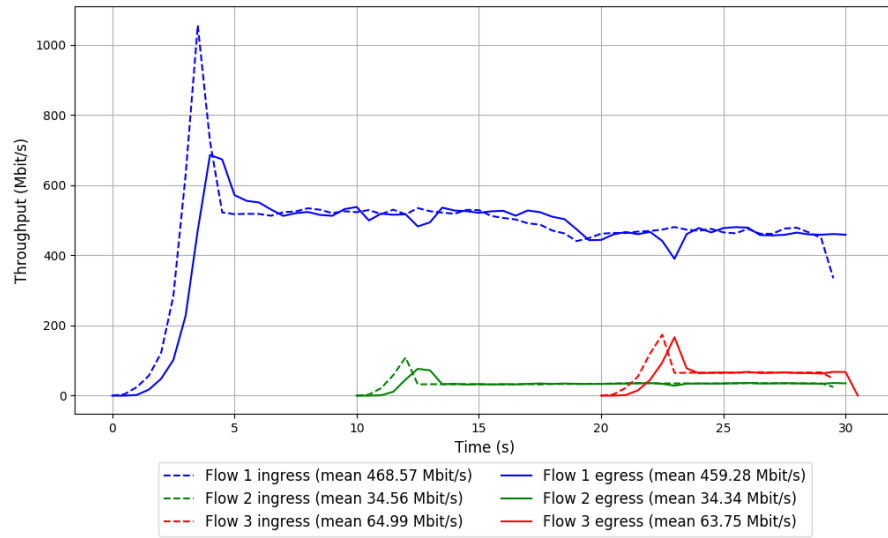


Run 8: Statistics of PCC-Allegro

Start at: 2018-07-11 05:29:11
End at: 2018-07-11 05:29:41
Local clock offset: -0.045 ms
Remote clock offset: -0.032 ms

Below is generated by plot.py at 2018-07-11 08:13:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 502.98 Mbit/s
95th percentile per-packet one-way delay: 261.907 ms
Loss rate: 1.93%
-- Flow 1:
Average throughput: 459.28 Mbit/s
95th percentile per-packet one-way delay: 261.872 ms
Loss rate: 1.99%
-- Flow 2:
Average throughput: 34.34 Mbit/s
95th percentile per-packet one-way delay: 261.482 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 63.75 Mbit/s
95th percentile per-packet one-way delay: 262.391 ms
Loss rate: 1.87%

Run 8: Report of PCC-Allegro — Data Link



Run 9: Statistics of PCC-Allegro

Start at: 2018-07-11 05:56:12

End at: 2018-07-11 05:56:42

Local clock offset: -0.016 ms

Remote clock offset: -0.04 ms

Below is generated by plot.py at 2018-07-11 08:14:55

Datalink statistics

-- Total of 3 flows:

Average throughput: 491.59 Mbit/s

95th percentile per-packet one-way delay: 272.925 ms

Loss rate: 2.05%

-- Flow 1:

Average throughput: 485.17 Mbit/s

95th percentile per-packet one-way delay: 272.957 ms

Loss rate: 2.06%

-- Flow 2:

Average throughput: 8.48 Mbit/s

95th percentile per-packet one-way delay: 272.028 ms

Loss rate: 1.21%

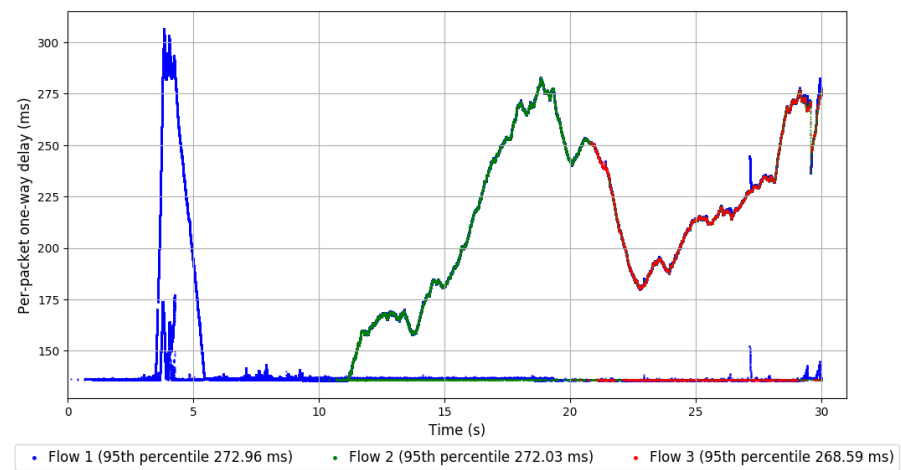
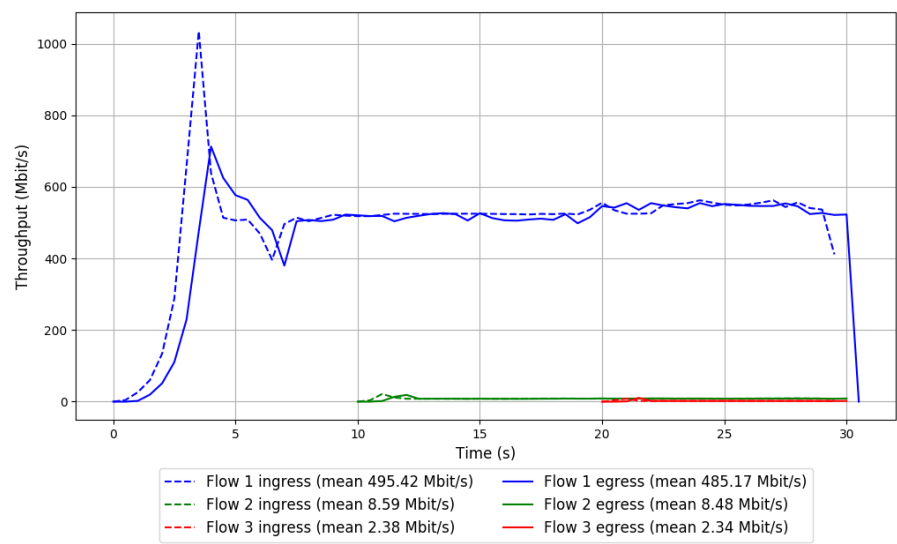
-- Flow 3:

Average throughput: 2.34 Mbit/s

95th percentile per-packet one-way delay: 268.591 ms

Loss rate: 1.49%

Run 9: Report of PCC-Allegro — Data Link



Run 10: Statistics of PCC-Allegro

Start at: 2018-07-11 06:23:24

End at: 2018-07-11 06:23:54

Local clock offset: 0.019 ms

Remote clock offset: -0.05 ms

Below is generated by plot.py at 2018-07-11 08:15:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 506.95 Mbit/s

95th percentile per-packet one-way delay: 259.947 ms

Loss rate: 1.32%

-- Flow 1:

Average throughput: 483.08 Mbit/s

95th percentile per-packet one-way delay: 259.968 ms

Loss rate: 1.37%

-- Flow 2:

Average throughput: 33.67 Mbit/s

95th percentile per-packet one-way delay: 259.667 ms

Loss rate: 0.22%

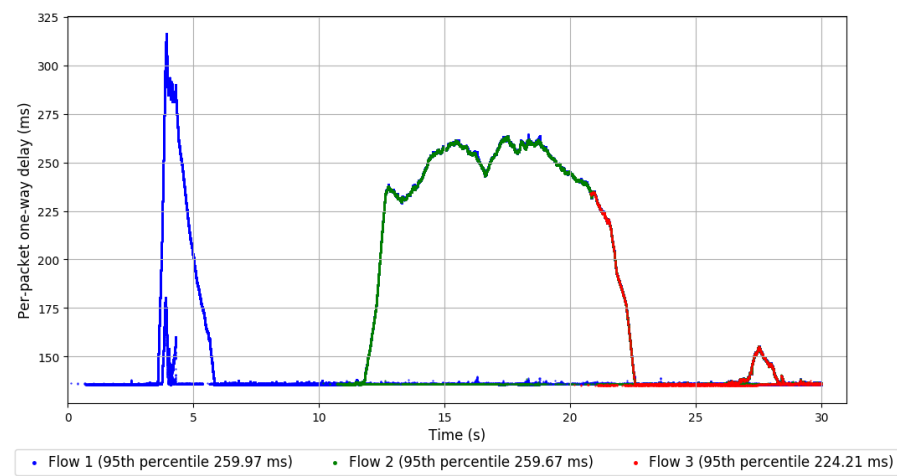
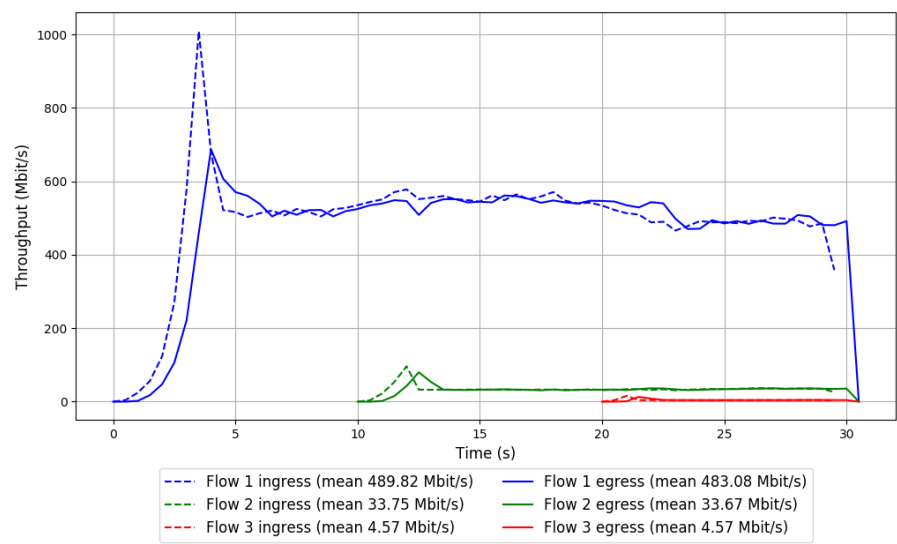
-- Flow 3:

Average throughput: 4.57 Mbit/s

95th percentile per-packet one-way delay: 224.214 ms

Loss rate: 0.00%

Run 10: Report of PCC-Allegro — Data Link

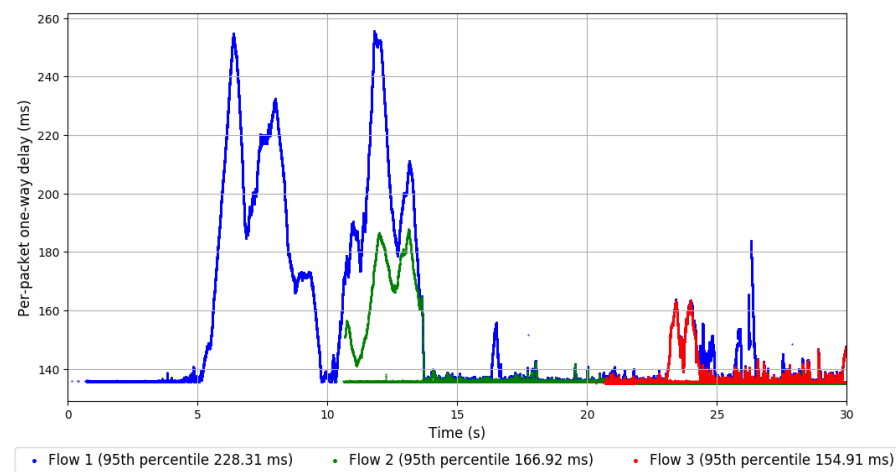
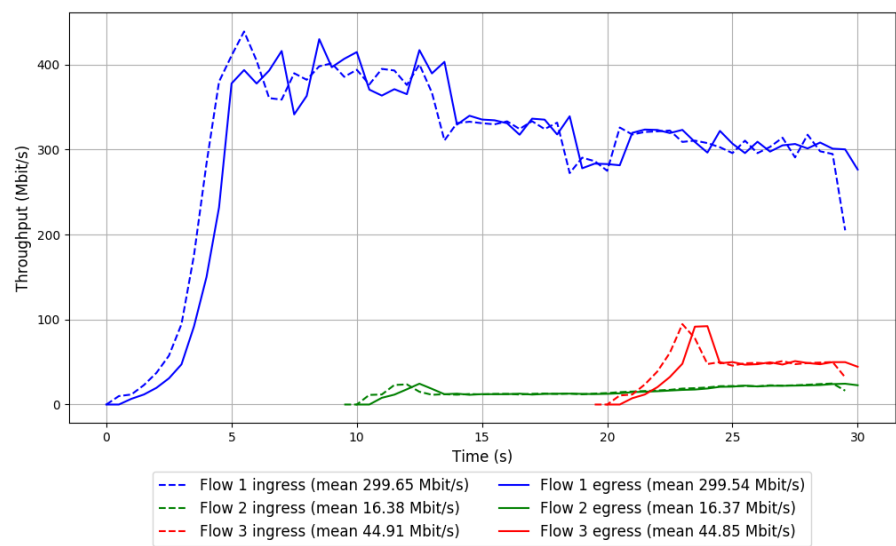


```
Run 1: Statistics of PCC-Expr

Start at: 2018-07-11 02:12:20
End at: 2018-07-11 02:12:50
Local clock offset: -0.023 ms
Remote clock offset: -0.165 ms

# Below is generated by plot.py at 2018-07-11 08:17:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 325.29 Mbit/s
95th percentile per-packet one-way delay: 226.862 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 299.54 Mbit/s
95th percentile per-packet one-way delay: 228.305 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 16.37 Mbit/s
95th percentile per-packet one-way delay: 166.922 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 44.85 Mbit/s
95th percentile per-packet one-way delay: 154.912 ms
Loss rate: 0.13%
```


Run 1: Report of PCC-Expr — Data Link

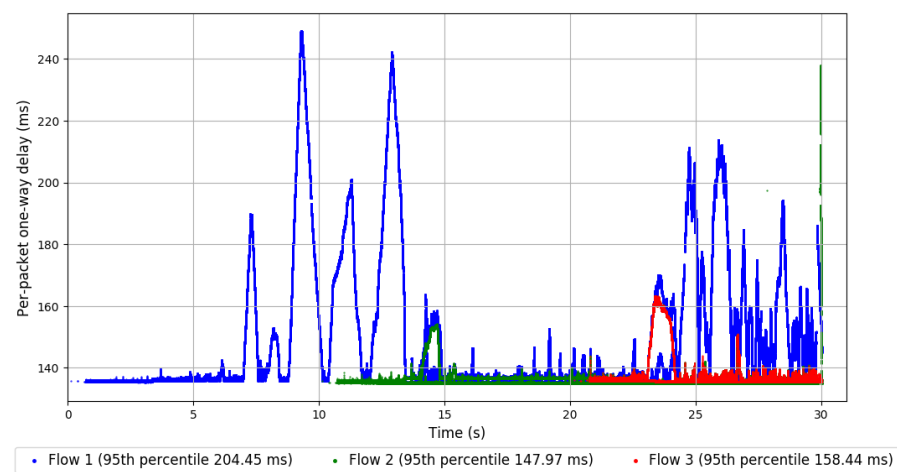
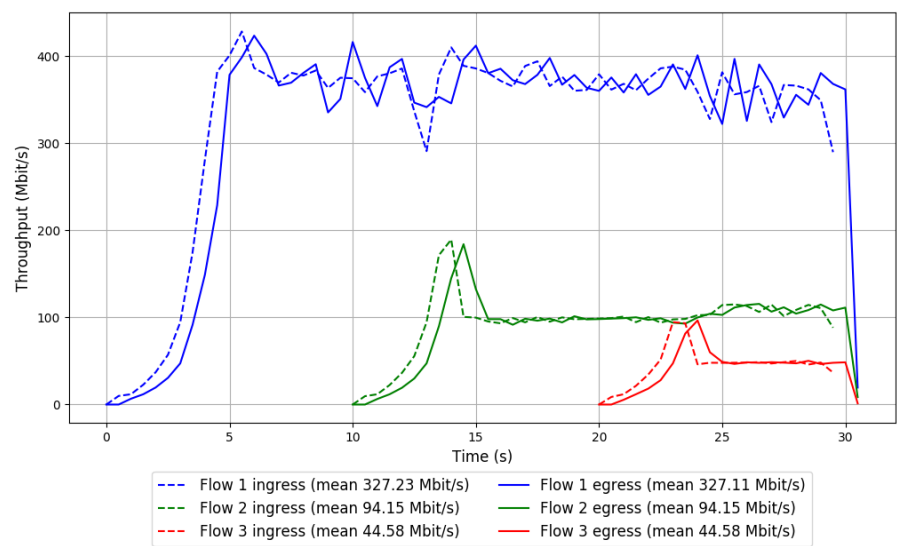


Run 2: Statistics of PCC-Expr

Start at: 2018-07-11 02:38:48
End at: 2018-07-11 02:39:18
Local clock offset: -0.216 ms
Remote clock offset: -0.134 ms

Below is generated by plot.py at 2018-07-11 08:19:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 404.44 Mbit/s
95th percentile per-packet one-way delay: 199.850 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 327.11 Mbit/s
95th percentile per-packet one-way delay: 204.453 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 94.15 Mbit/s
95th percentile per-packet one-way delay: 147.966 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 44.58 Mbit/s
95th percentile per-packet one-way delay: 158.443 ms
Loss rate: 0.00%

Run 2: Report of PCC-Expr — Data Link

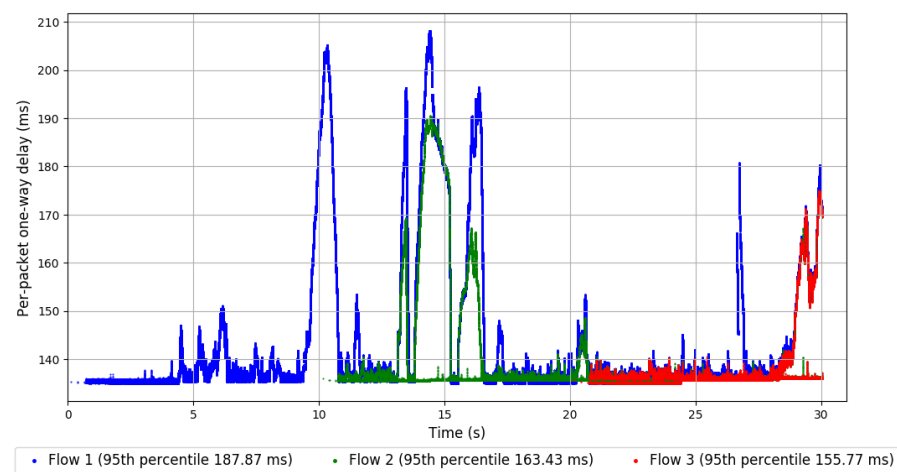
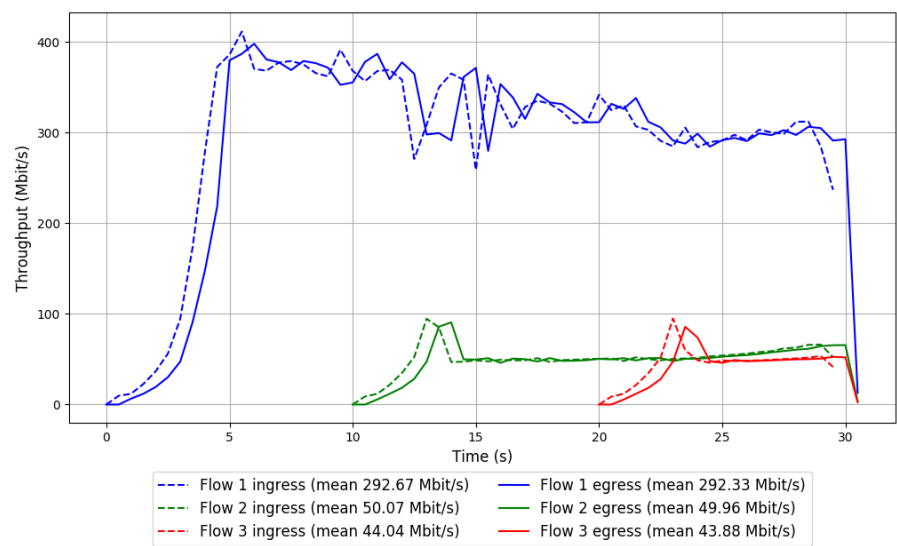


Run 3: Statistics of PCC-Expr

Start at: 2018-07-11 03:05:57
End at: 2018-07-11 03:06:27
Local clock offset: 0.199 ms
Remote clock offset: -0.076 ms

Below is generated by plot.py at 2018-07-11 08:21:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 340.02 Mbit/s
95th percentile per-packet one-way delay: 186.629 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 292.33 Mbit/s
95th percentile per-packet one-way delay: 187.868 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 49.96 Mbit/s
95th percentile per-packet one-way delay: 163.432 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 43.88 Mbit/s
95th percentile per-packet one-way delay: 155.768 ms
Loss rate: 0.38%

Run 3: Report of PCC-Expr — Data Link

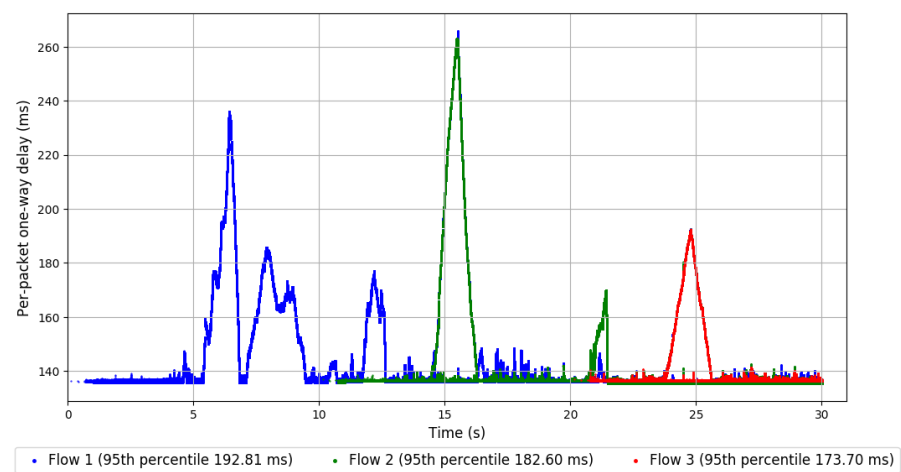
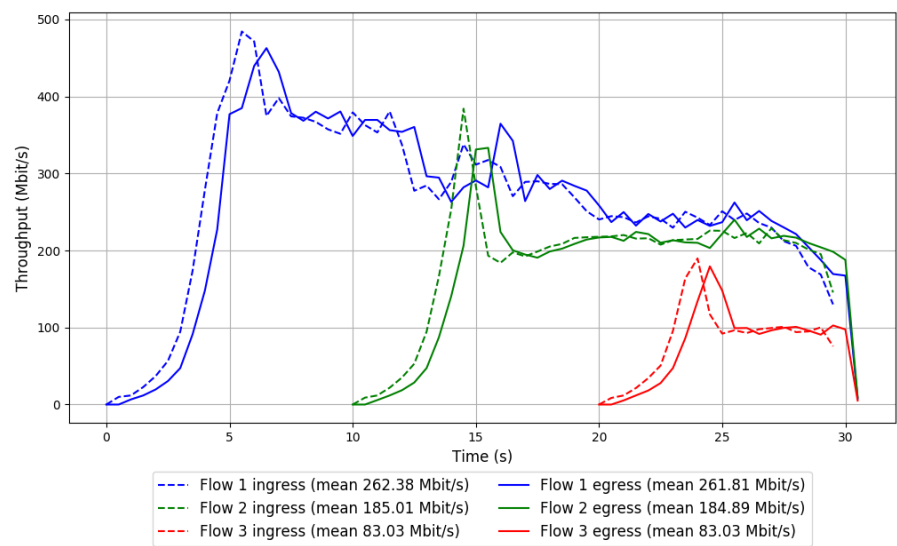


Run 4: Statistics of PCC-Expr

Start at: 2018-07-11 03:33:01
End at: 2018-07-11 03:33:31
Local clock offset: -0.055 ms
Remote clock offset: -0.147 ms

Below is generated by plot.py at 2018-07-11 08:24:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 412.16 Mbit/s
95th percentile per-packet one-way delay: 187.140 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 261.81 Mbit/s
95th percentile per-packet one-way delay: 192.805 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 184.89 Mbit/s
95th percentile per-packet one-way delay: 182.604 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 83.03 Mbit/s
95th percentile per-packet one-way delay: 173.703 ms
Loss rate: 0.00%

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

Start at: 2018-07-11 04:00:13

End at: 2018-07-11 04:00:43

Local clock offset: -0.057 ms

Remote clock offset: 0.254 ms

Below is generated by plot.py at 2018-07-11 08:24:31

Datalink statistics

-- Total of 3 flows:

Average throughput: 312.11 Mbit/s

95th percentile per-packet one-way delay: 199.016 ms

Loss rate: 0.49%

-- Flow 1:

Average throughput: 199.11 Mbit/s

95th percentile per-packet one-way delay: 147.001 ms

Loss rate: 0.24%

-- Flow 2:

Average throughput: 96.29 Mbit/s

95th percentile per-packet one-way delay: 191.421 ms

Loss rate: 0.39%

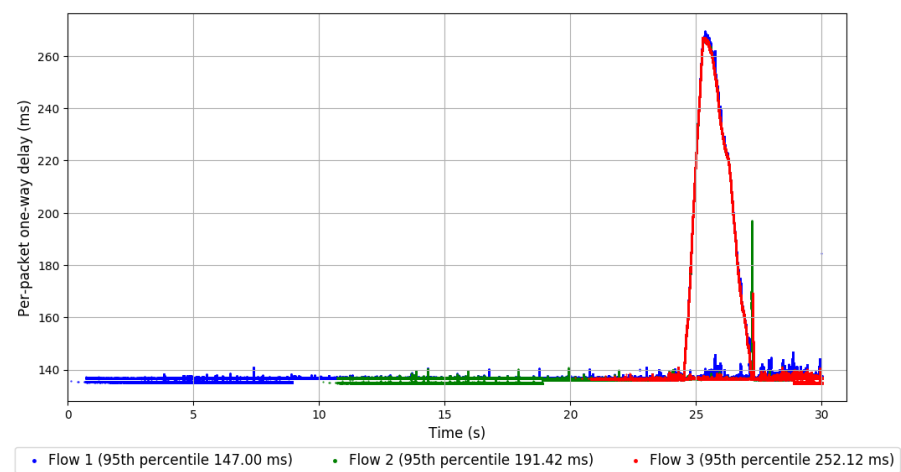
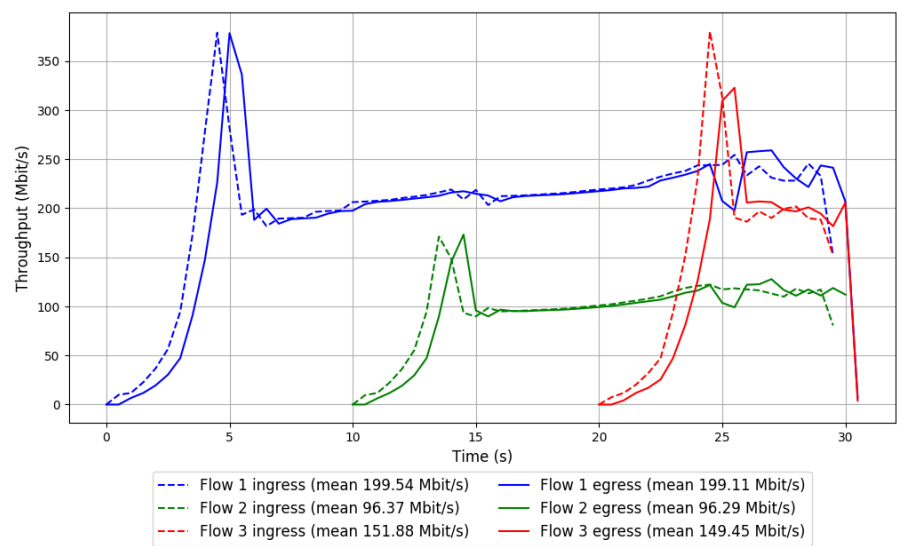
-- Flow 3:

Average throughput: 149.45 Mbit/s

95th percentile per-packet one-way delay: 252.124 ms

Loss rate: 1.62%

Run 5: Report of PCC-Expr — Data Link

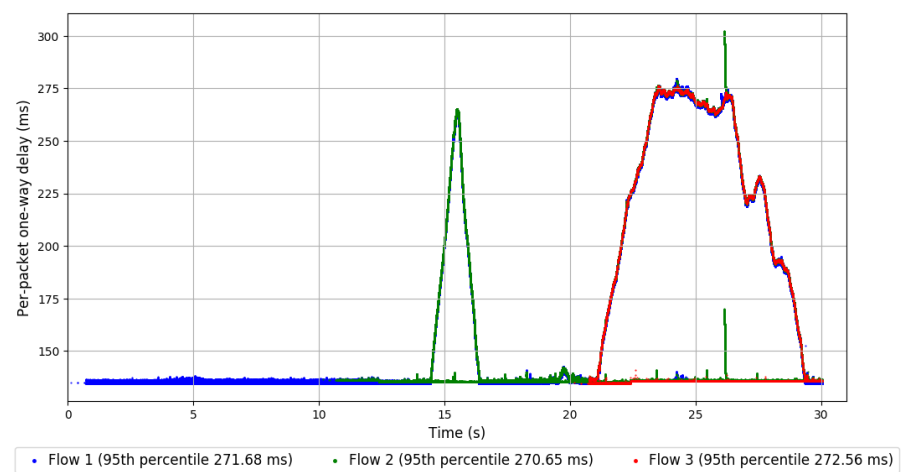
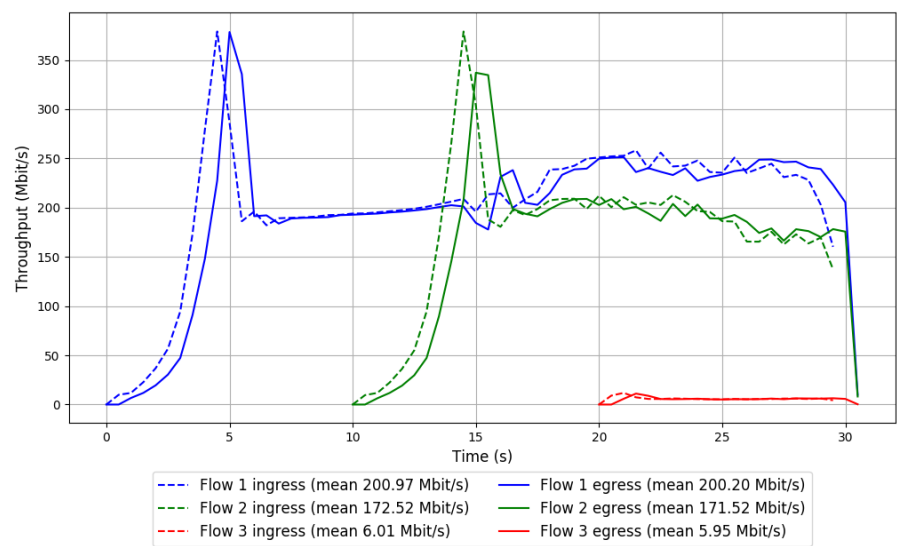


Run 6: Statistics of PCC-Expr

Start at: 2018-07-11 04:26:29
End at: 2018-07-11 04:26:59
Local clock offset: 0.073 ms
Remote clock offset: -0.124 ms

Below is generated by plot.py at 2018-07-11 08:24:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 316.22 Mbit/s
95th percentile per-packet one-way delay: 271.464 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 200.20 Mbit/s
95th percentile per-packet one-way delay: 271.679 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 171.52 Mbit/s
95th percentile per-packet one-way delay: 270.651 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 5.95 Mbit/s
95th percentile per-packet one-way delay: 272.559 ms
Loss rate: 0.87%

Run 6: Report of PCC-Expr — Data Link

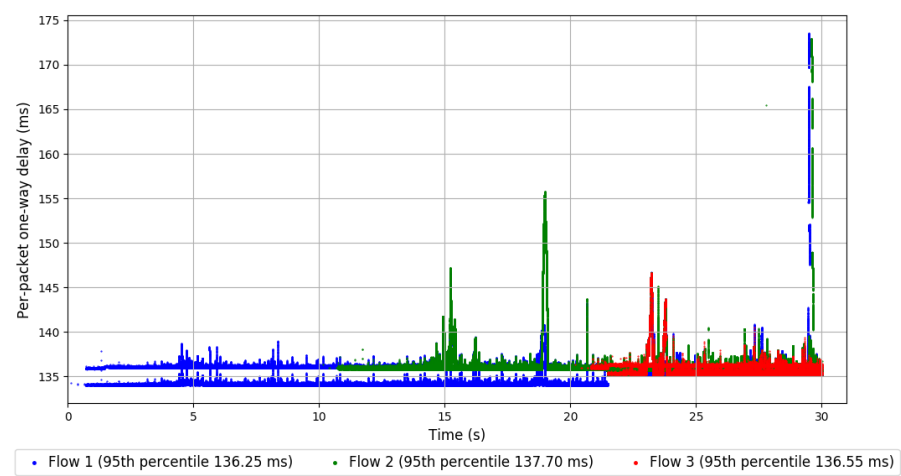
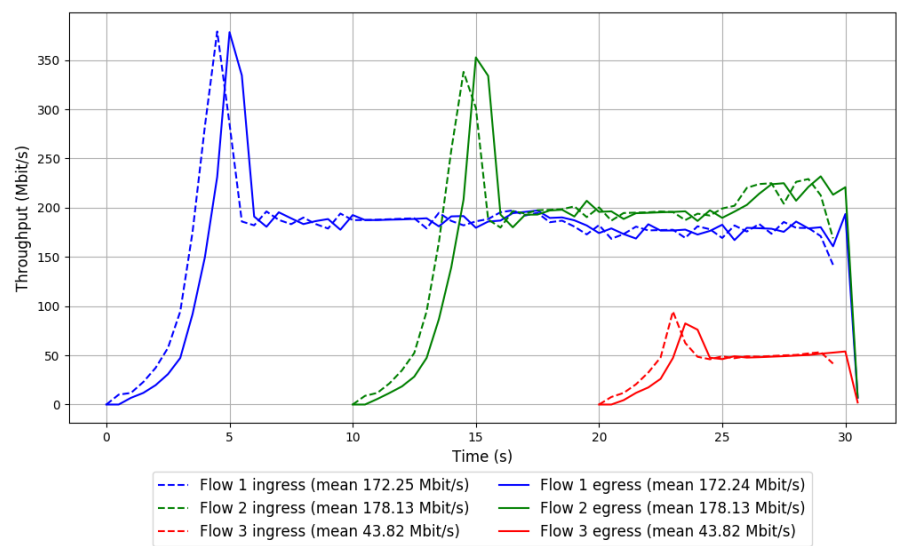


Run 7: Statistics of PCC-Expr

Start at: 2018-07-11 04:53:10
End at: 2018-07-11 04:53:40
Local clock offset: 0.092 ms
Remote clock offset: -0.436 ms

Below is generated by plot.py at 2018-07-11 08:24:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 305.09 Mbit/s
95th percentile per-packet one-way delay: 136.674 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 172.24 Mbit/s
95th percentile per-packet one-way delay: 136.245 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 178.13 Mbit/s
95th percentile per-packet one-way delay: 137.701 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 43.82 Mbit/s
95th percentile per-packet one-way delay: 136.551 ms
Loss rate: 0.01%

Run 7: Report of PCC-Expr — Data Link

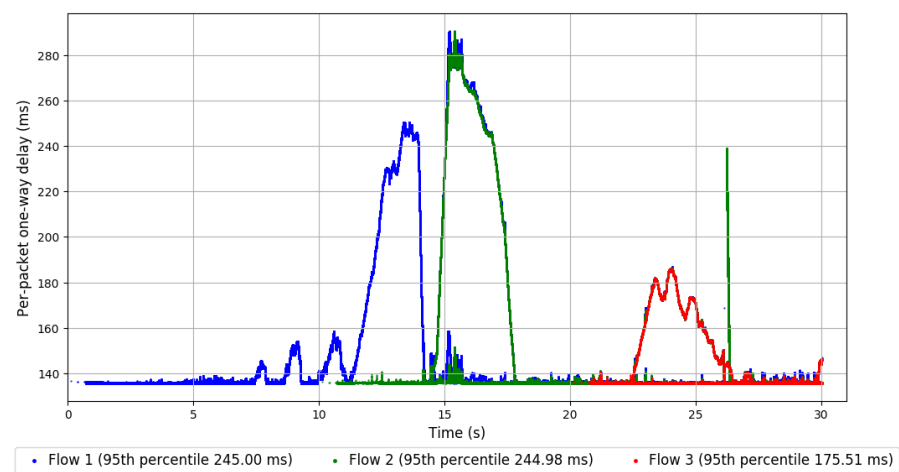
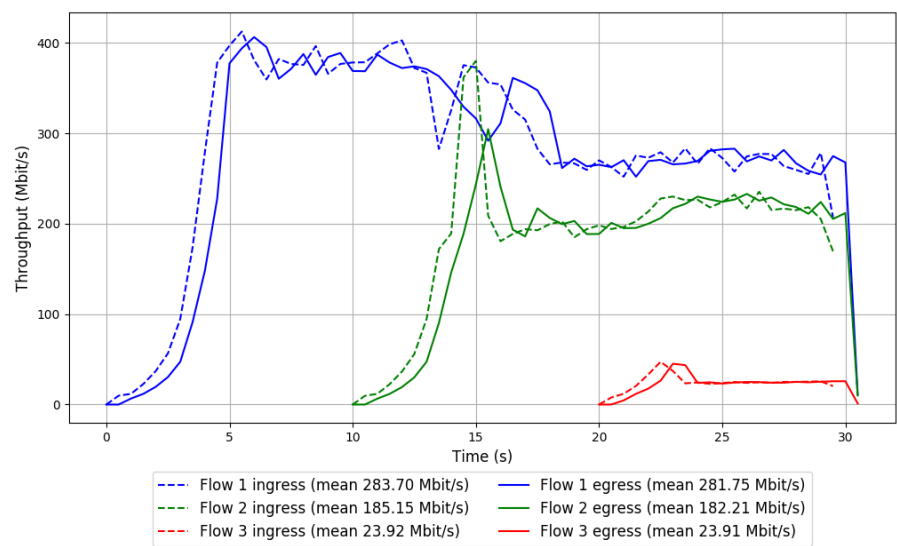


Run 8: Statistics of PCC-Expr

Start at: 2018-07-11 05:20:00
End at: 2018-07-11 05:20:30
Local clock offset: 0.003 ms
Remote clock offset: -0.034 ms

Below is generated by plot.py at 2018-07-11 08:30:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 410.83 Mbit/s
95th percentile per-packet one-way delay: 244.844 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 281.75 Mbit/s
95th percentile per-packet one-way delay: 244.999 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 182.21 Mbit/s
95th percentile per-packet one-way delay: 244.984 ms
Loss rate: 1.58%
-- Flow 3:
Average throughput: 23.91 Mbit/s
95th percentile per-packet one-way delay: 175.513 ms
Loss rate: 0.09%

Run 8: Report of PCC-Expr — Data Link

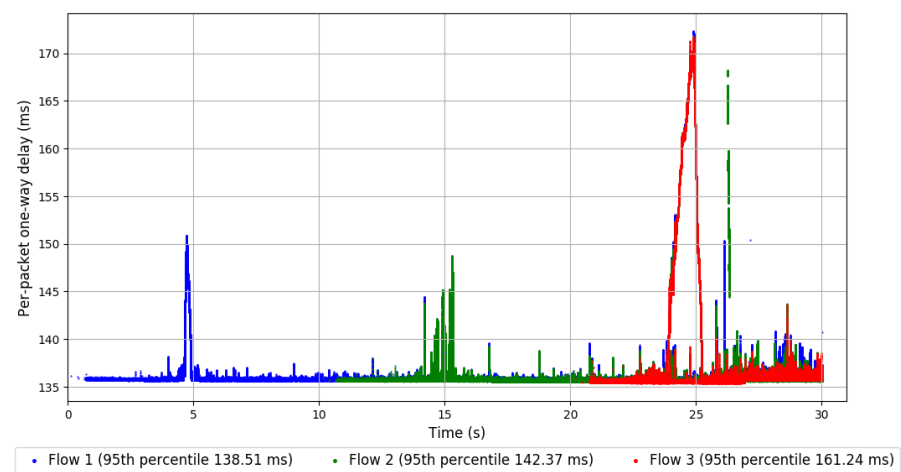
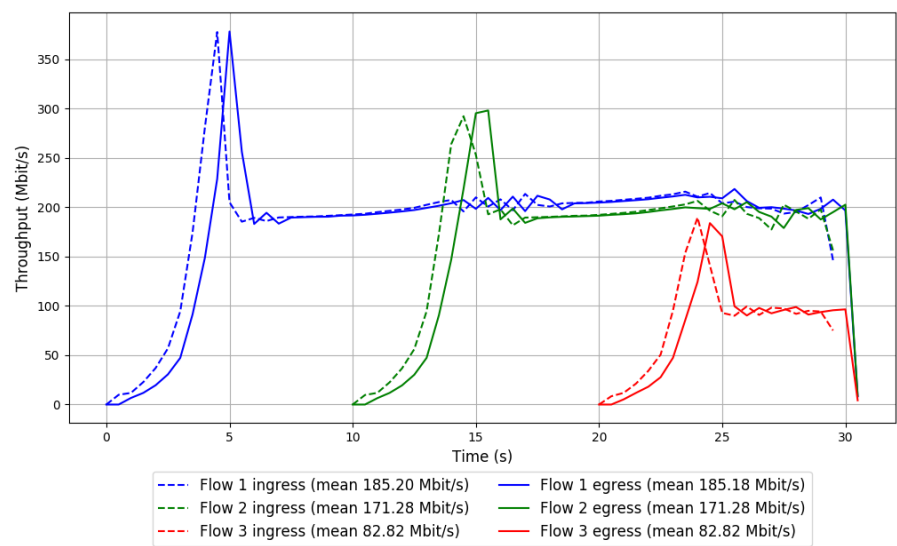


Run 9: Statistics of PCC-Expr

Start at: 2018-07-11 05:47:15
End at: 2018-07-11 05:47:45
Local clock offset: 0.1 ms
Remote clock offset: -0.044 ms

Below is generated by plot.py at 2018-07-11 08:30:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 326.38 Mbit/s
95th percentile per-packet one-way delay: 142.124 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 185.18 Mbit/s
95th percentile per-packet one-way delay: 138.509 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 171.28 Mbit/s
95th percentile per-packet one-way delay: 142.369 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 82.82 Mbit/s
95th percentile per-packet one-way delay: 161.242 ms
Loss rate: 0.00%

Run 9: Report of PCC-Expr — Data Link

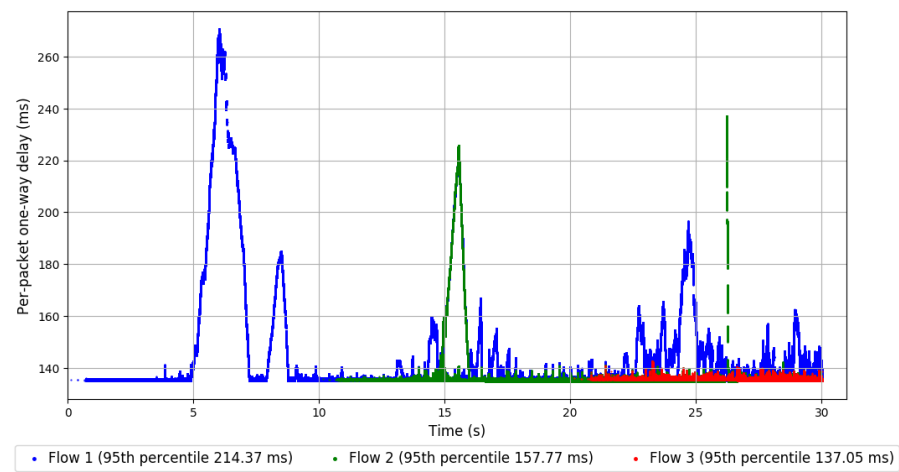
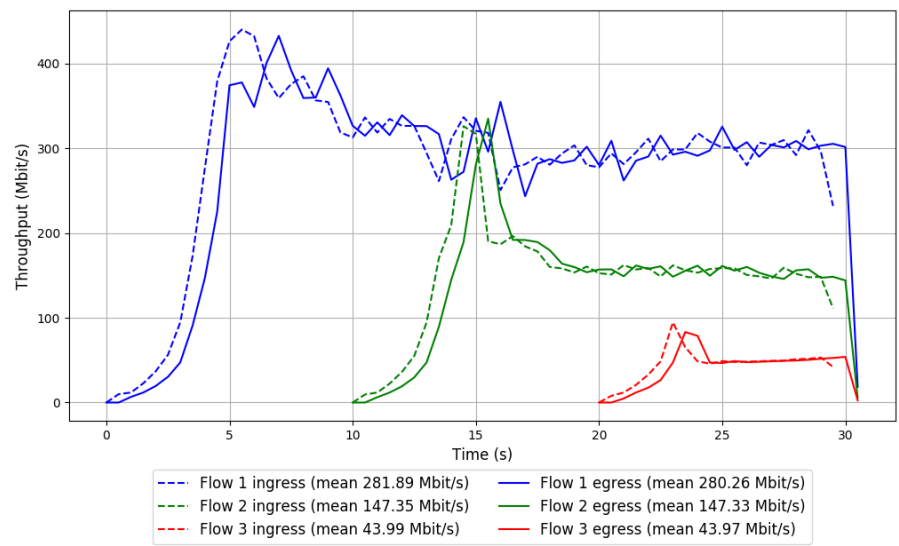


Run 10: Statistics of PCC-Expr

Start at: 2018-07-11 06:14:15
End at: 2018-07-11 06:14:45
Local clock offset: 0.195 ms
Remote clock offset: -0.405 ms

Below is generated by plot.py at 2018-07-11 08:33:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 392.69 Mbit/s
95th percentile per-packet one-way delay: 198.424 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 280.26 Mbit/s
95th percentile per-packet one-way delay: 214.368 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 147.33 Mbit/s
95th percentile per-packet one-way delay: 157.772 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 43.97 Mbit/s
95th percentile per-packet one-way delay: 137.048 ms
Loss rate: 0.01%

Run 10: Report of PCC-Expr — Data Link

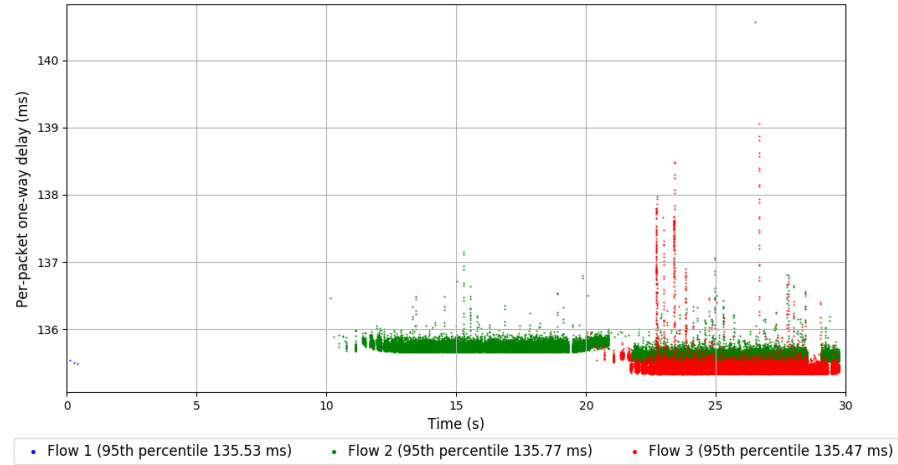
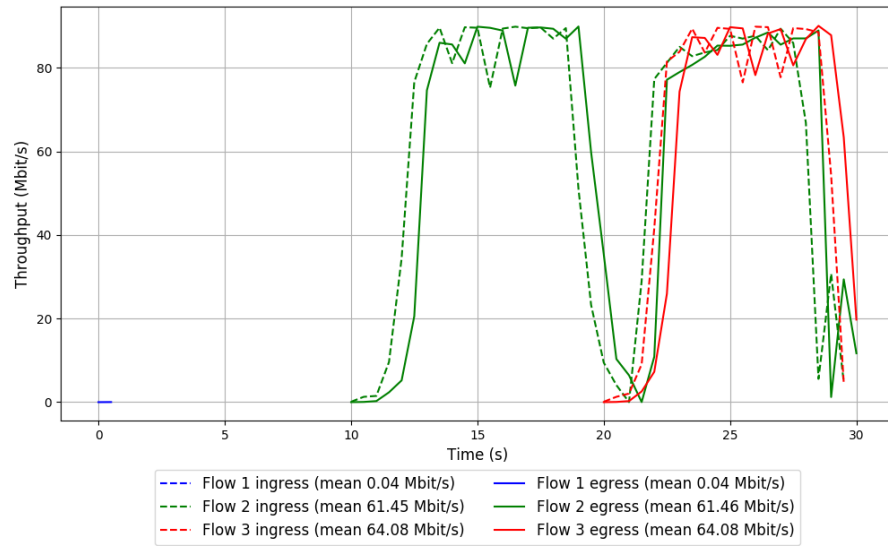


Run 1: Statistics of QUIC Cubic

Start at: 2018-07-11 02:14:10
End at: 2018-07-11 02:14:40
Local clock offset: -0.097 ms
Remote clock offset: -0.473 ms

Below is generated by plot.py at 2018-07-11 08:33:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 61.48 Mbit/s
95th percentile per-packet one-way delay: 135.752 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 135.535 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 61.46 Mbit/s
95th percentile per-packet one-way delay: 135.766 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 64.08 Mbit/s
95th percentile per-packet one-way delay: 135.475 ms
Loss rate: 0.00%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-07-11 02:40:41

End at: 2018-07-11 02:41:11

Local clock offset: 0.013 ms

Remote clock offset: 0.253 ms

Below is generated by plot.py at 2018-07-11 08:33:19

Datalink statistics

-- Total of 3 flows:

Average throughput: 105.52 Mbit/s

95th percentile per-packet one-way delay: 136.553 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 61.04 Mbit/s

95th percentile per-packet one-way delay: 136.082 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 50.52 Mbit/s

95th percentile per-packet one-way delay: 136.601 ms

Loss rate: 0.00%

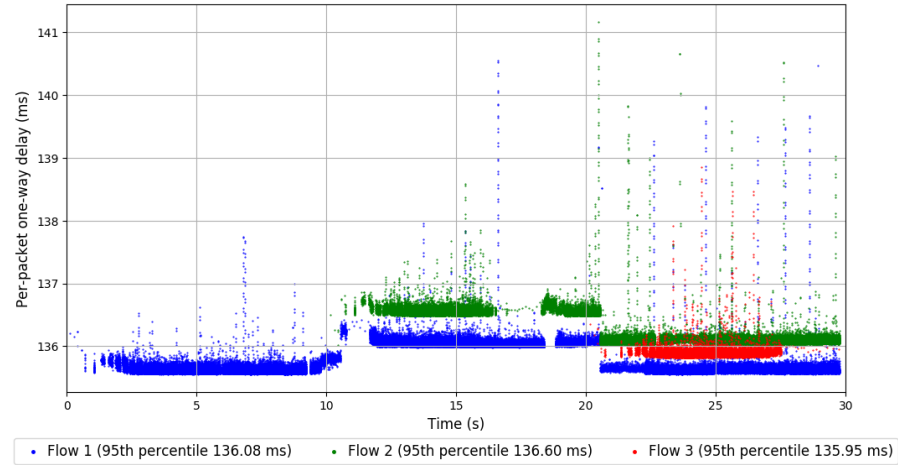
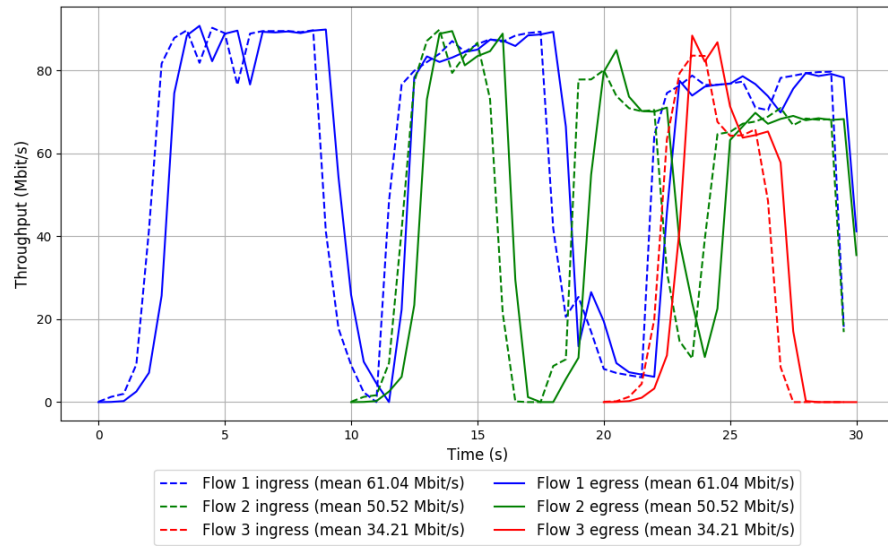
-- Flow 3:

Average throughput: 34.21 Mbit/s

95th percentile per-packet one-way delay: 135.952 ms

Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link

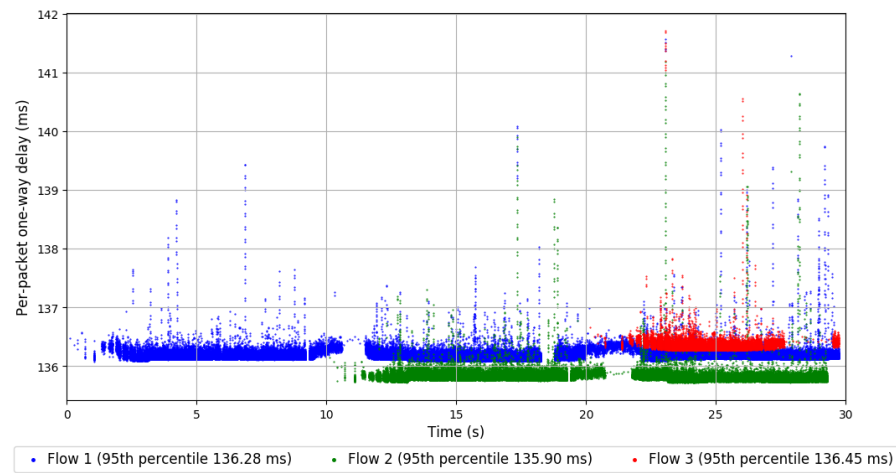
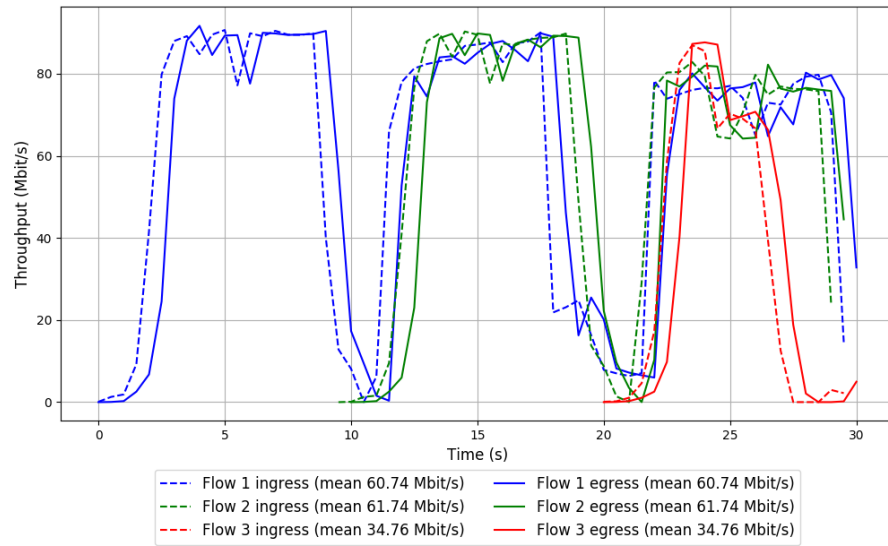


Run 3: Statistics of QUIC Cubic

Start at: 2018-07-11 03:07:48
End at: 2018-07-11 03:08:18
Local clock offset: 0.009 ms
Remote clock offset: -0.098 ms

Below is generated by plot.py at 2018-07-11 08:33:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 111.93 Mbit/s
95th percentile per-packet one-way delay: 136.345 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.74 Mbit/s
95th percentile per-packet one-way delay: 136.276 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 61.74 Mbit/s
95th percentile per-packet one-way delay: 135.902 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 34.76 Mbit/s
95th percentile per-packet one-way delay: 136.446 ms
Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link

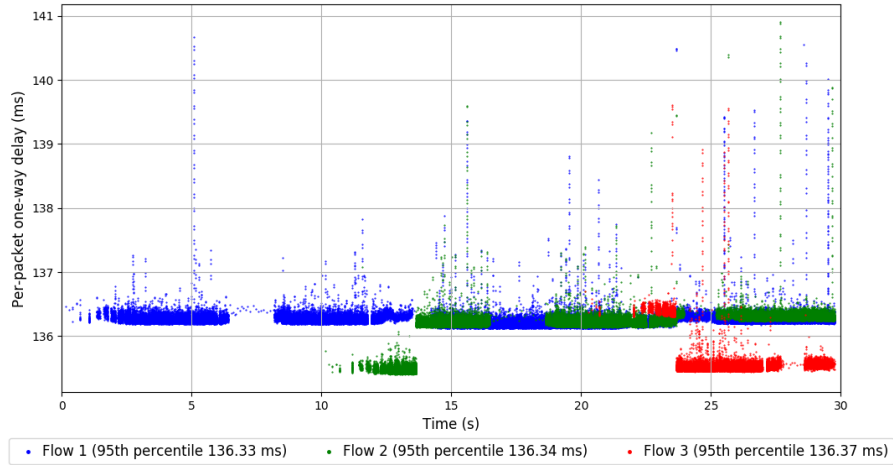
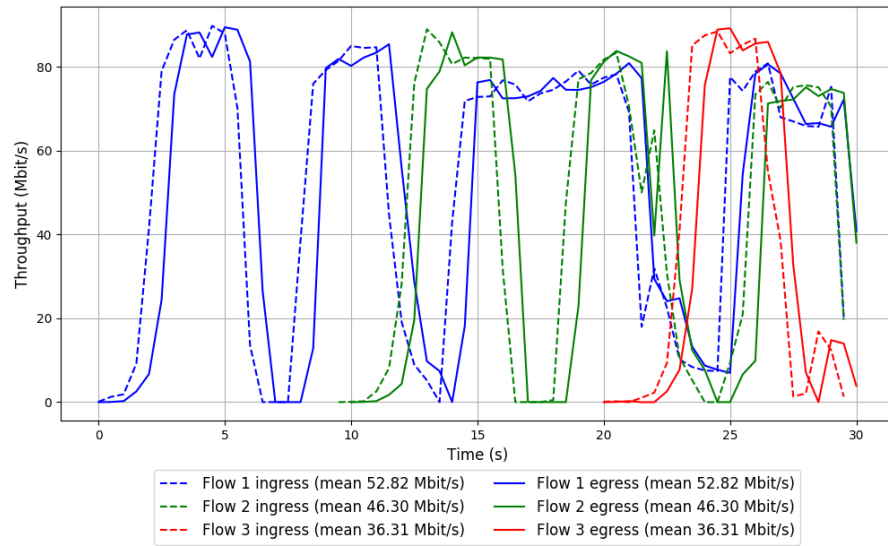


Run 4: Statistics of QUIC Cubic

Start at: 2018-07-11 03:34:58
End at: 2018-07-11 03:35:28
Local clock offset: -0.006 ms
Remote clock offset: -0.137 ms

Below is generated by plot.py at 2018-07-11 08:33:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.27 Mbit/s
95th percentile per-packet one-way delay: 136.338 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 52.82 Mbit/s
95th percentile per-packet one-way delay: 136.330 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 46.30 Mbit/s
95th percentile per-packet one-way delay: 136.343 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 36.31 Mbit/s
95th percentile per-packet one-way delay: 136.370 ms
Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-07-11 04:02:00

End at: 2018-07-11 04:02:30

Local clock offset: -0.052 ms

Remote clock offset: 0.281 ms

Below is generated by plot.py at 2018-07-11 08:33:19

Datalink statistics

-- Total of 3 flows:

Average throughput: 112.00 Mbit/s

95th percentile per-packet one-way delay: 136.878 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 59.64 Mbit/s

95th percentile per-packet one-way delay: 136.873 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 60.65 Mbit/s

95th percentile per-packet one-way delay: 136.893 ms

Loss rate: 0.00%

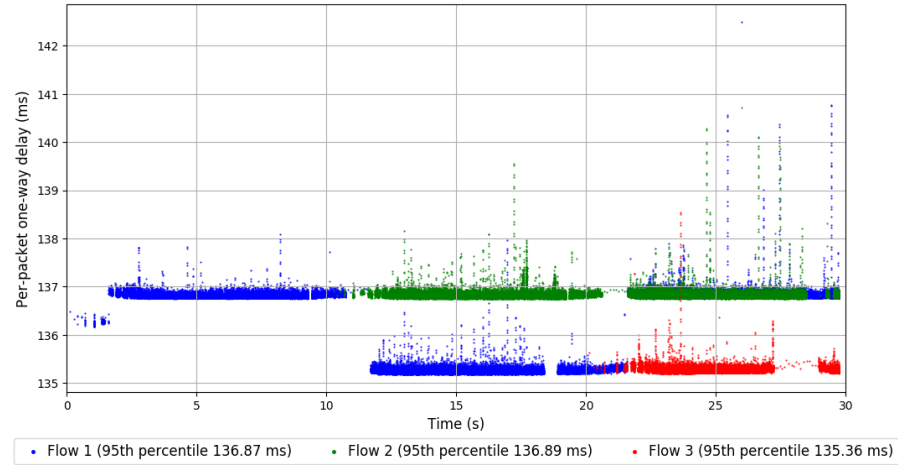
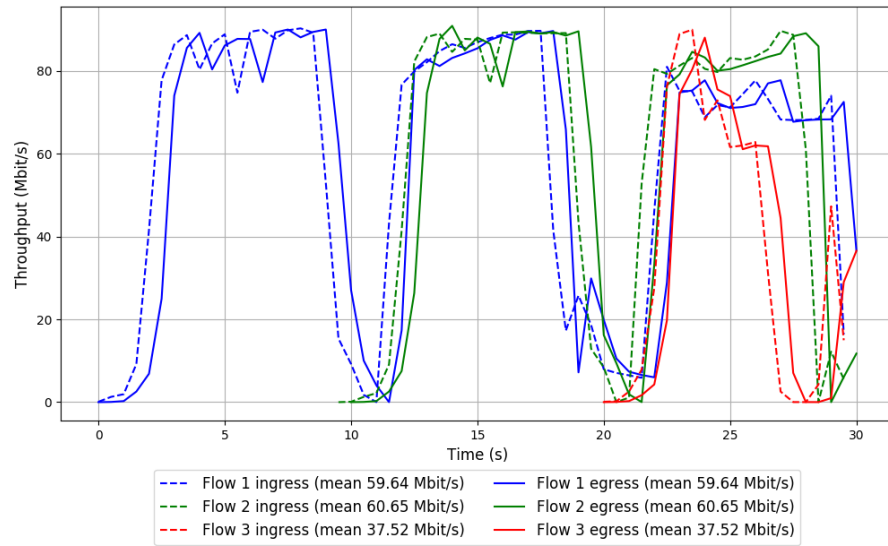
-- Flow 3:

Average throughput: 37.52 Mbit/s

95th percentile per-packet one-way delay: 135.359 ms

Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link

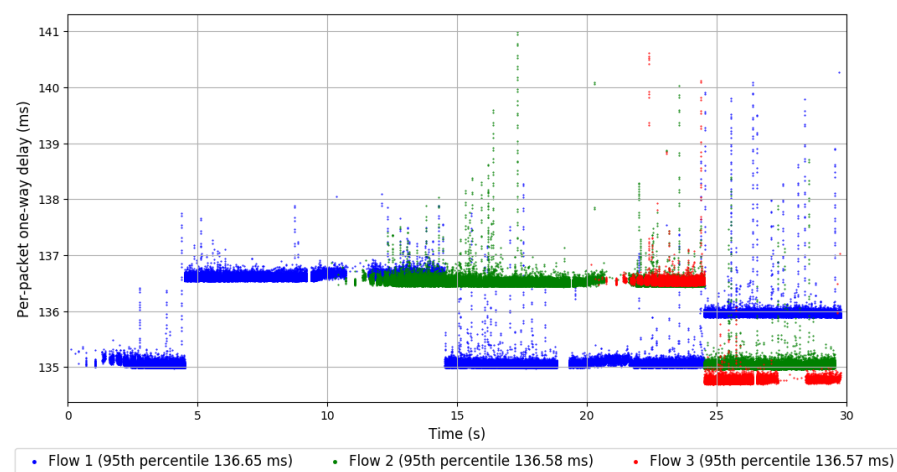
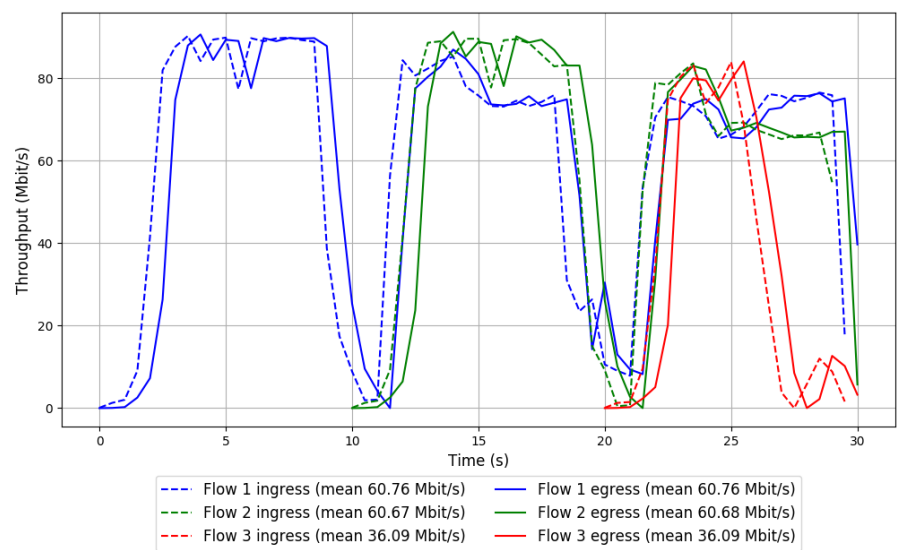


Run 6: Statistics of QUIC Cubic

Start at: 2018-07-11 04:28:17
End at: 2018-07-11 04:28:47
Local clock offset: -0.214 ms
Remote clock offset: -0.064 ms

Below is generated by plot.py at 2018-07-11 08:33:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 112.18 Mbit/s
95th percentile per-packet one-way delay: 136.629 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.76 Mbit/s
95th percentile per-packet one-way delay: 136.648 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.68 Mbit/s
95th percentile per-packet one-way delay: 136.579 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 36.09 Mbit/s
95th percentile per-packet one-way delay: 136.574 ms
Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link

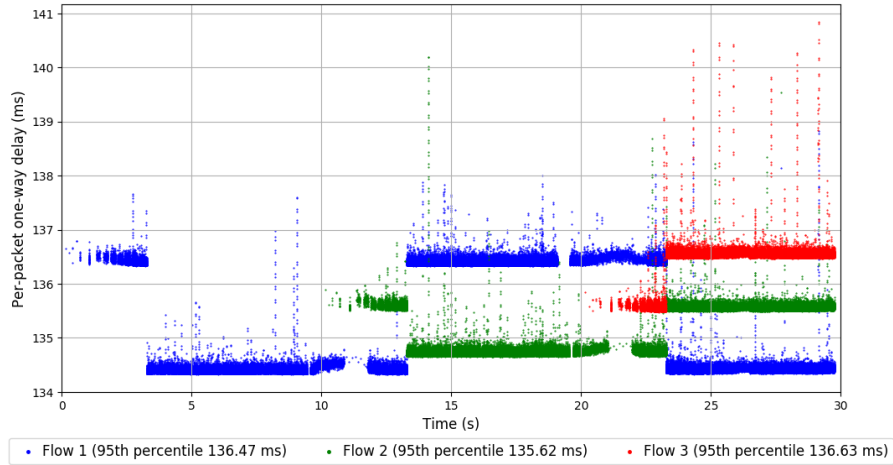
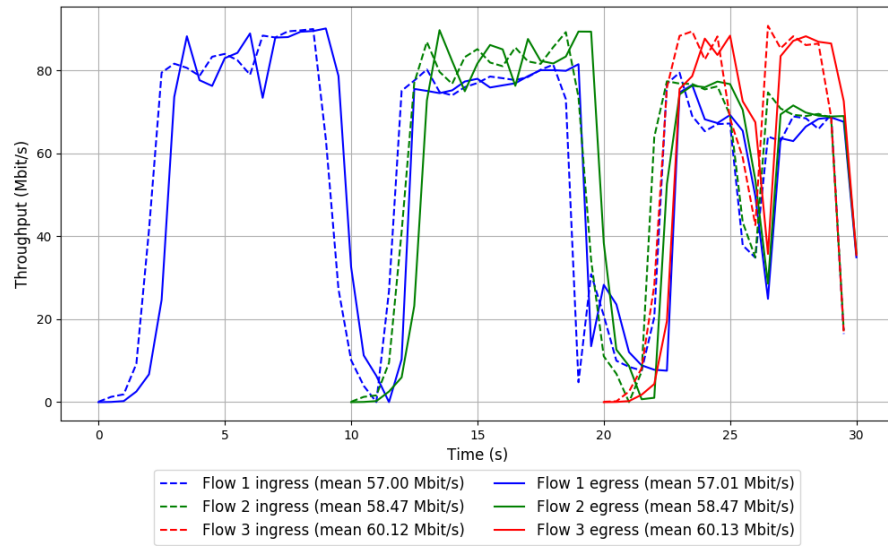


Run 7: Statistics of QUIC Cubic

Start at: 2018-07-11 04:54:58
End at: 2018-07-11 04:55:28
Local clock offset: 0.141 ms
Remote clock offset: -0.015 ms

Below is generated by plot.py at 2018-07-11 08:33:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 115.23 Mbit/s
95th percentile per-packet one-way delay: 136.561 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.01 Mbit/s
95th percentile per-packet one-way delay: 136.467 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 58.47 Mbit/s
95th percentile per-packet one-way delay: 135.622 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 60.13 Mbit/s
95th percentile per-packet one-way delay: 136.626 ms
Loss rate: 0.00%

Run 7: Report of QUIC Cubic — Data Link

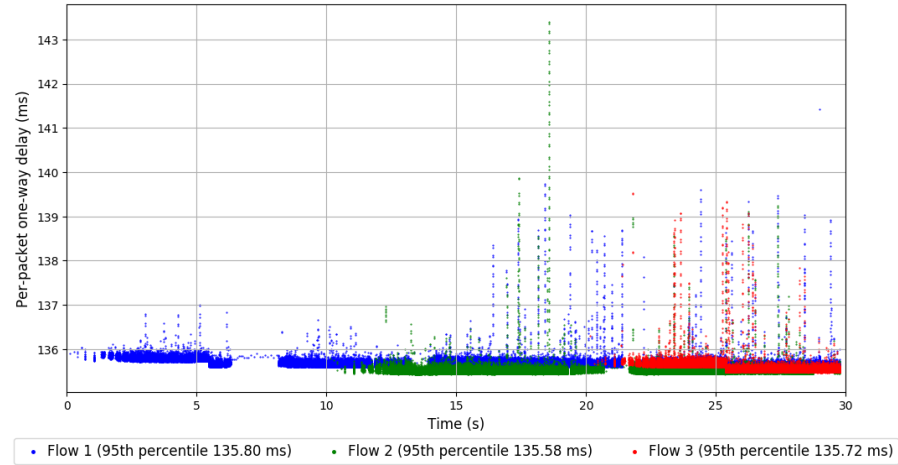
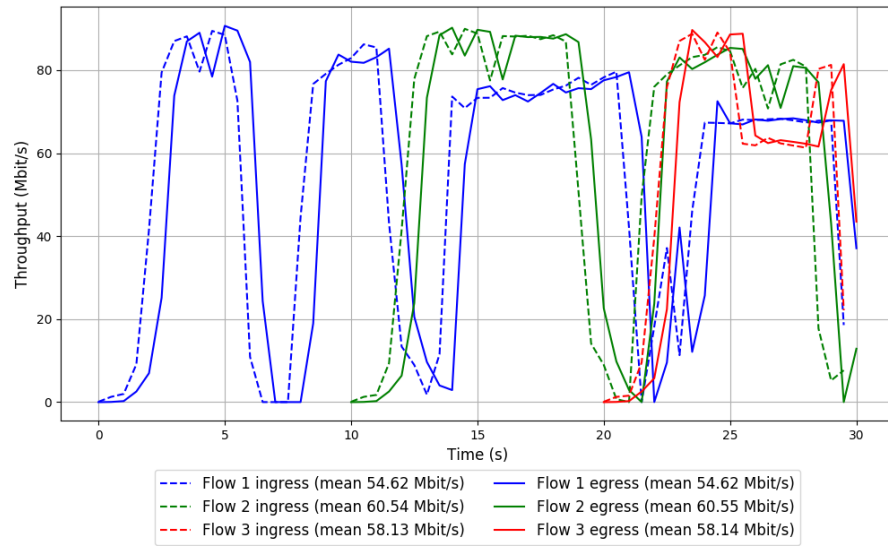


Run 8: Statistics of QUIC Cubic

Start at: 2018-07-11 05:21:56
End at: 2018-07-11 05:22:26
Local clock offset: 0.139 ms
Remote clock offset: -0.055 ms

Below is generated by plot.py at 2018-07-11 08:33:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 113.55 Mbit/s
95th percentile per-packet one-way delay: 135.770 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 54.62 Mbit/s
95th percentile per-packet one-way delay: 135.800 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.55 Mbit/s
95th percentile per-packet one-way delay: 135.579 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 58.14 Mbit/s
95th percentile per-packet one-way delay: 135.724 ms
Loss rate: 0.00%

Run 8: Report of QUIC Cubic — Data Link

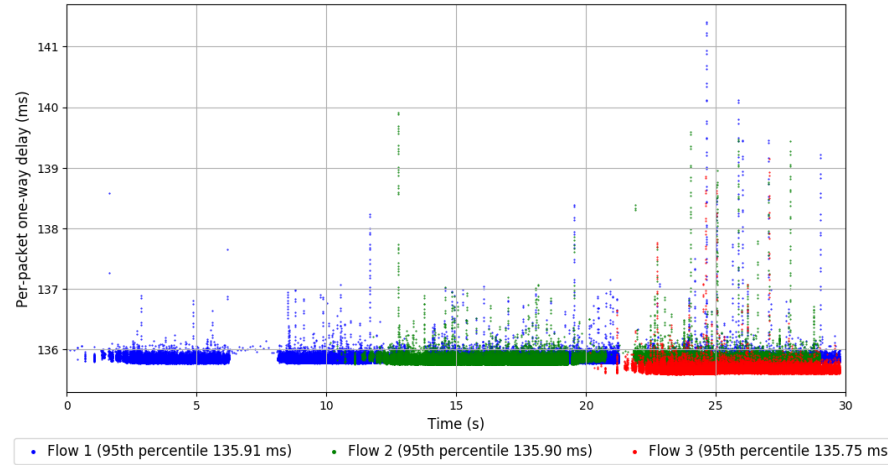
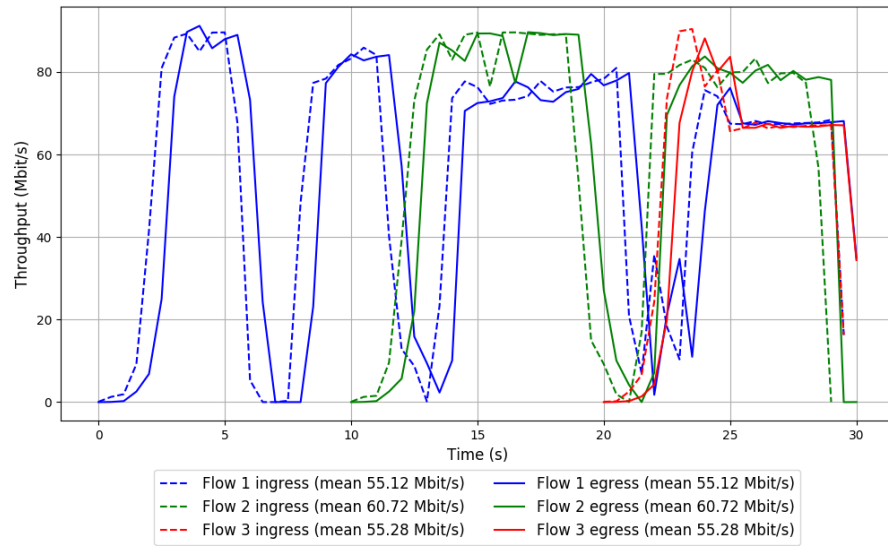


Run 9: Statistics of QUIC Cubic

Start at: 2018-07-11 05:49:05
End at: 2018-07-11 05:49:35
Local clock offset: 0.004 ms
Remote clock offset: -0.031 ms

Below is generated by plot.py at 2018-07-11 08:33:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 112.95 Mbit/s
95th percentile per-packet one-way delay: 135.901 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.12 Mbit/s
95th percentile per-packet one-way delay: 135.911 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.72 Mbit/s
95th percentile per-packet one-way delay: 135.900 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 55.28 Mbit/s
95th percentile per-packet one-way delay: 135.748 ms
Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link

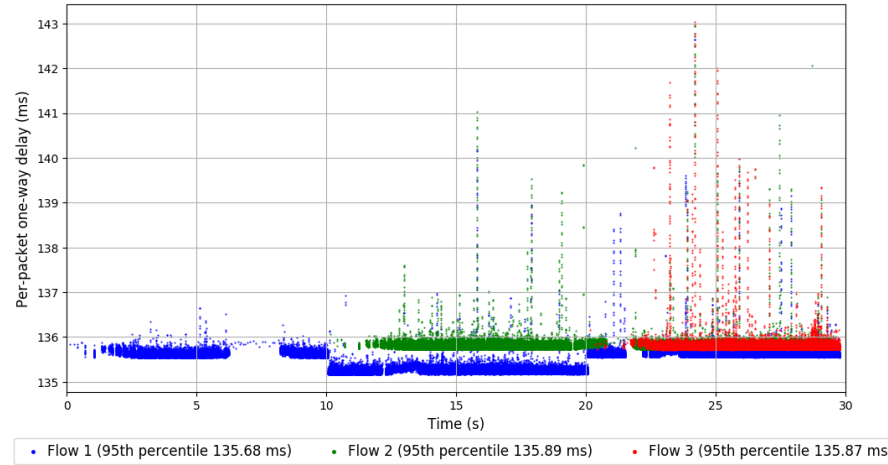
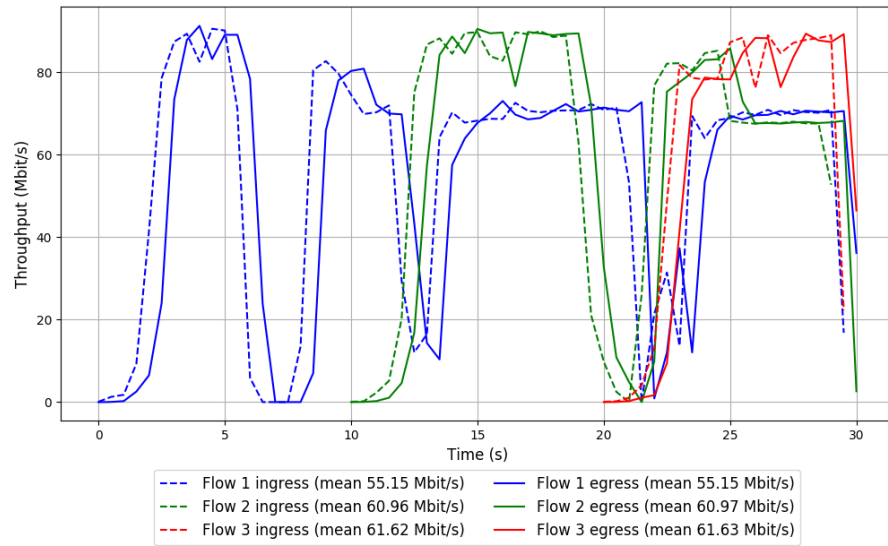


Run 10: Statistics of QUIC Cubic

Start at: 2018-07-11 06:16:11
End at: 2018-07-11 06:16:41
Local clock offset: 0.014 ms
Remote clock offset: -0.029 ms

Below is generated by plot.py at 2018-07-11 08:33:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 115.00 Mbit/s
95th percentile per-packet one-way delay: 135.857 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.15 Mbit/s
95th percentile per-packet one-way delay: 135.683 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 60.97 Mbit/s
95th percentile per-packet one-way delay: 135.886 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 61.63 Mbit/s
95th percentile per-packet one-way delay: 135.874 ms
Loss rate: 0.00%

Run 10: Report of QUIC Cubic — Data Link

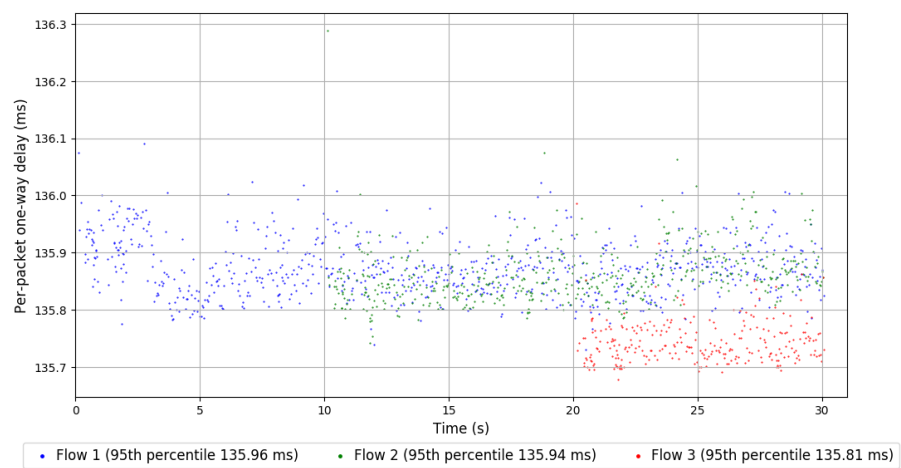
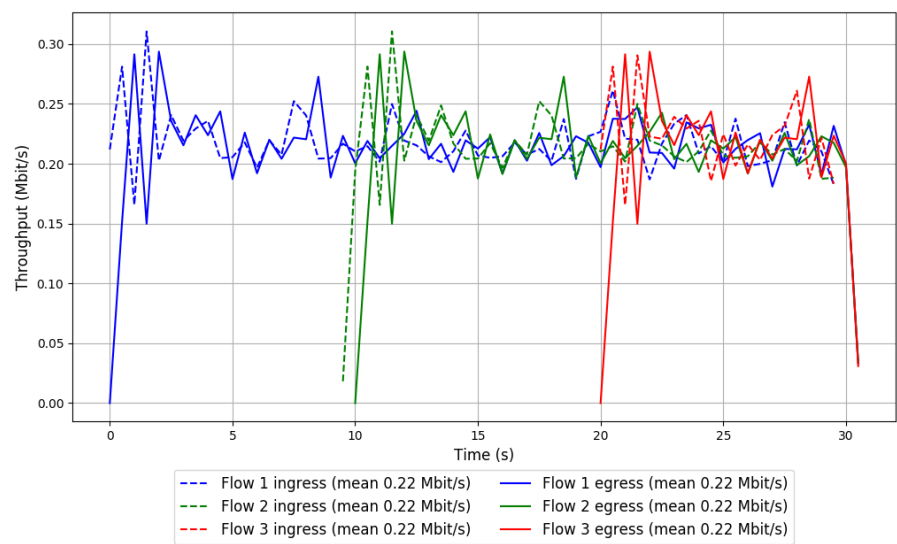


```
Run 1: Statistics of SReAM

Start at: 2018-07-11 02:16:52
End at: 2018-07-11 02:17:22
Local clock offset: -0.024 ms
Remote clock offset: -0.141 ms

# Below is generated by plot.py at 2018-07-11 08:33:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 135.954 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.962 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.945 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.810 ms
Loss rate: 0.00%
```


Run 1: Report of SReAM — Data Link

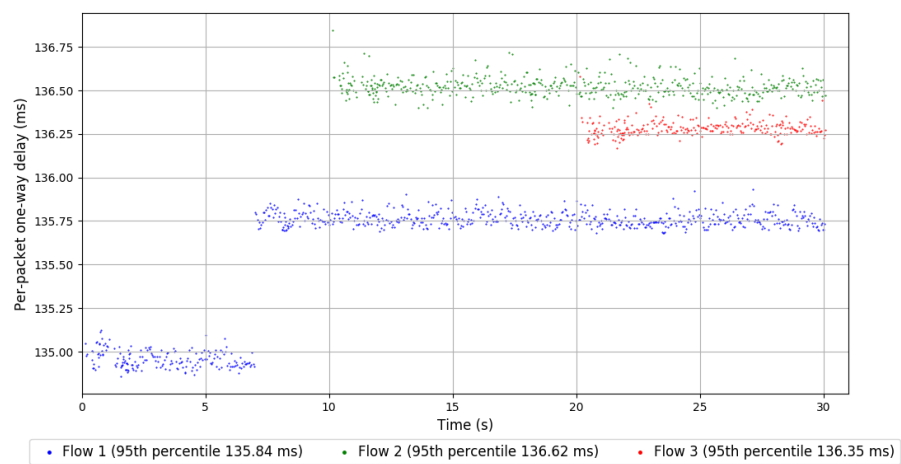
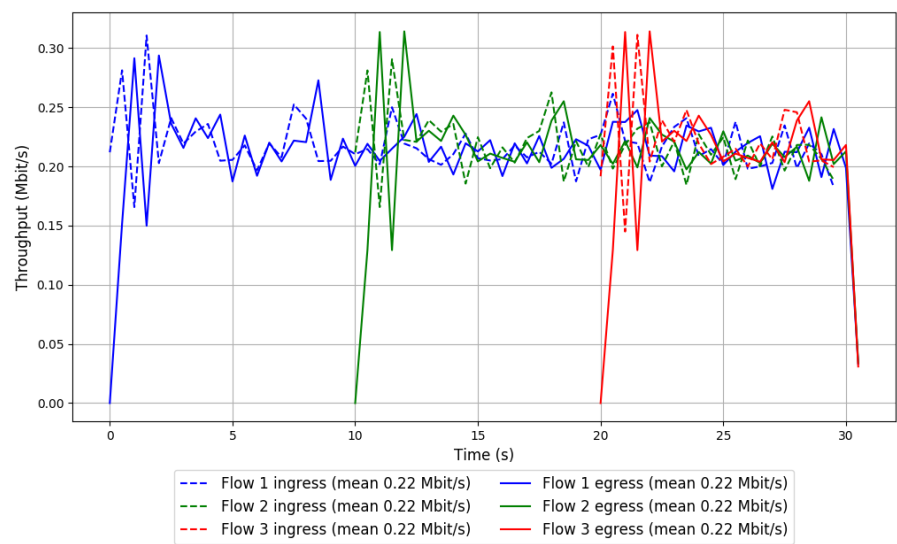


Run 2: Statistics of SReAM

Start at: 2018-07-11 02:43:25
End at: 2018-07-11 02:43:55
Local clock offset: 0.019 ms
Remote clock offset: -0.134 ms

Below is generated by plot.py at 2018-07-11 08:33:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 136.569 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.836 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.623 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.352 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SReAM

Start at: 2018-07-11 03:10:32

End at: 2018-07-11 03:11:02

Local clock offset: -0.164 ms

Remote clock offset: 0.271 ms

Below is generated by plot.py at 2018-07-11 08:33:19

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 136.996 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 137.020 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 136.439 ms

Loss rate: 0.00%

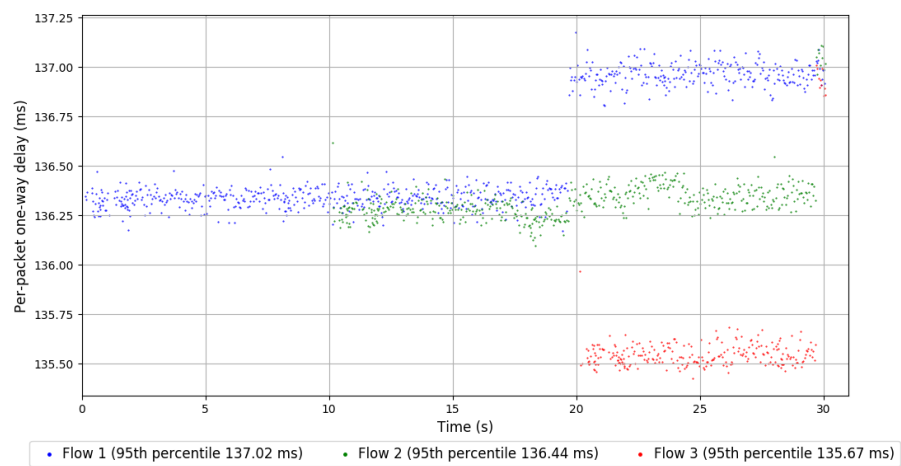
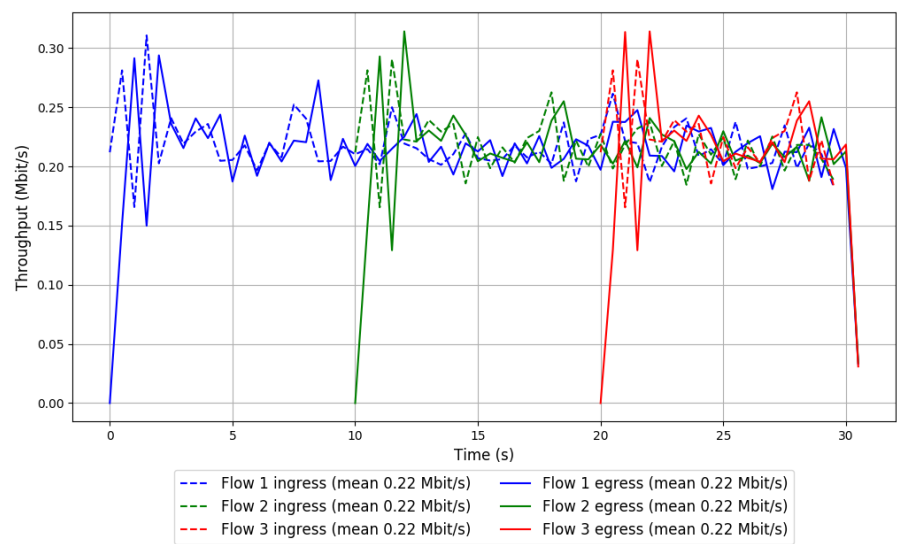
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 135.673 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

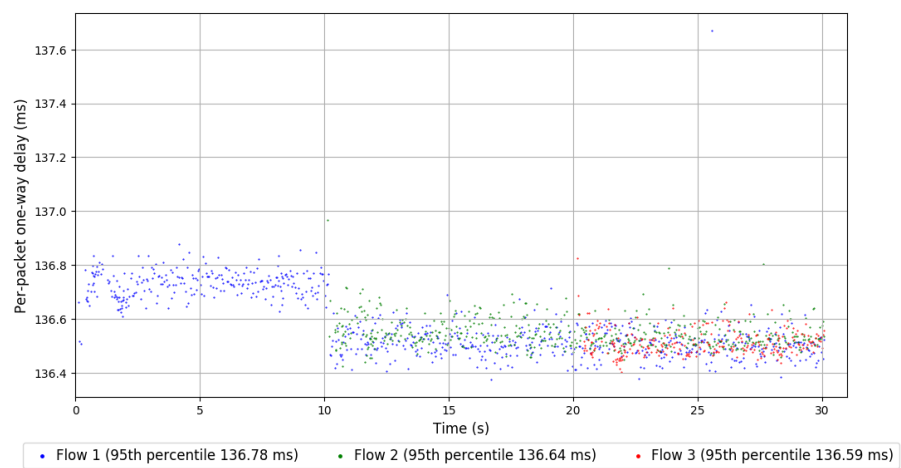
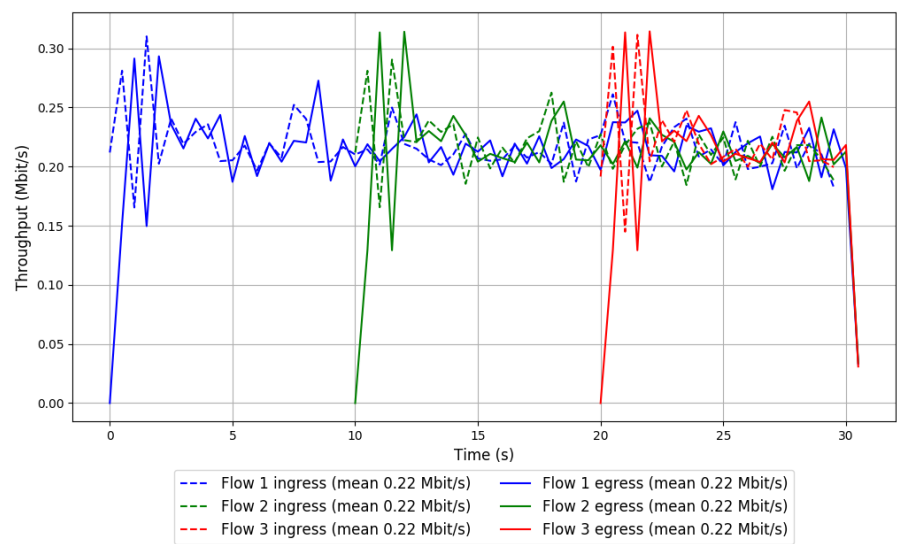


Run 4: Statistics of SReAM

Start at: 2018-07-11 03:37:42
End at: 2018-07-11 03:38:12
Local clock offset: -0.051 ms
Remote clock offset: -0.061 ms

Below is generated by plot.py at 2018-07-11 08:33:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 136.760 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.780 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.643 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.595 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

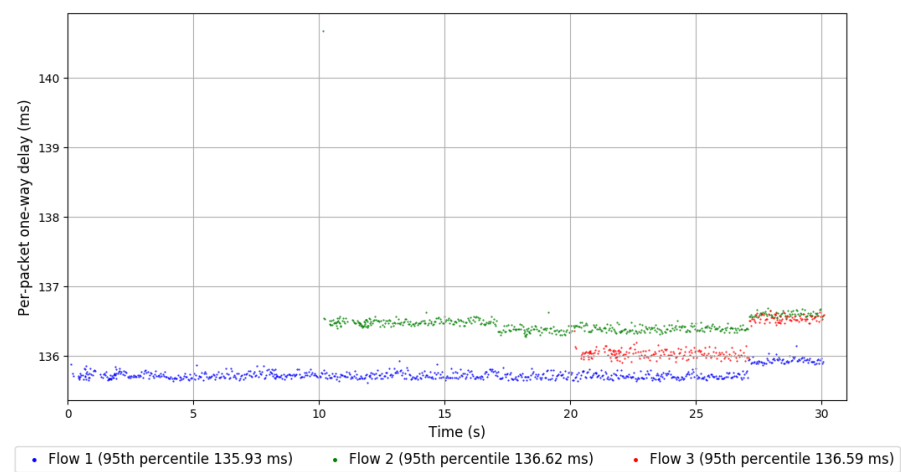
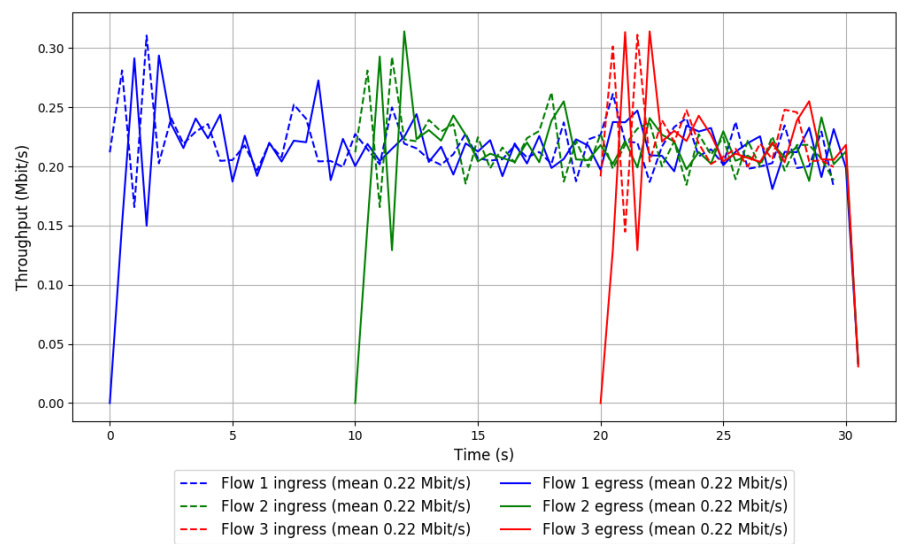


Run 5: Statistics of SReAM

Start at: 2018-07-11 04:04:45
End at: 2018-07-11 04:05:15
Local clock offset: -0.074 ms
Remote clock offset: -0.125 ms

Below is generated by plot.py at 2018-07-11 08:33:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 136.576 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.930 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.618 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.589 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

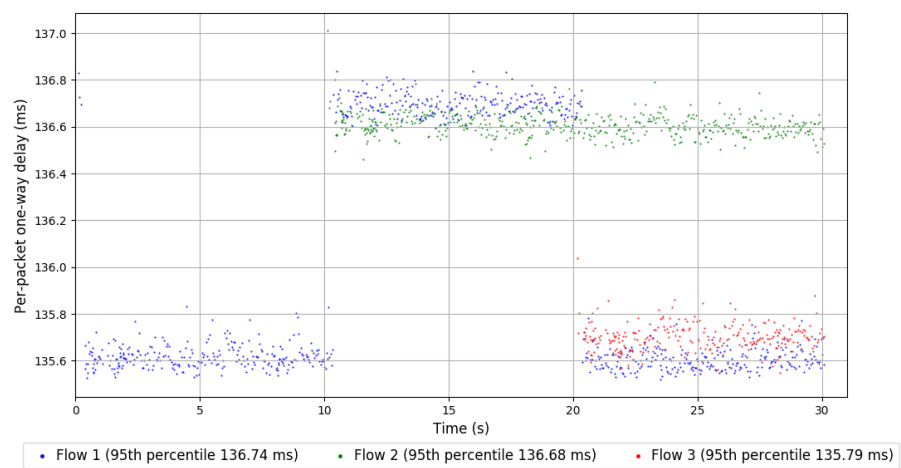
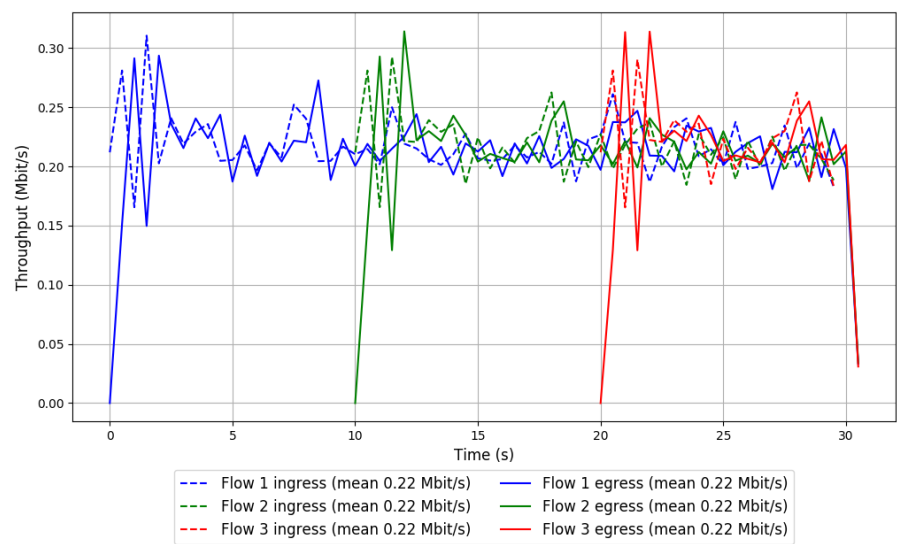


Run 6: Statistics of SReAM

Start at: 2018-07-11 04:31:01
End at: 2018-07-11 04:31:31
Local clock offset: -0.223 ms
Remote clock offset: -0.045 ms

Below is generated by plot.py at 2018-07-11 08:33:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 136.724 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.743 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.684 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.789 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

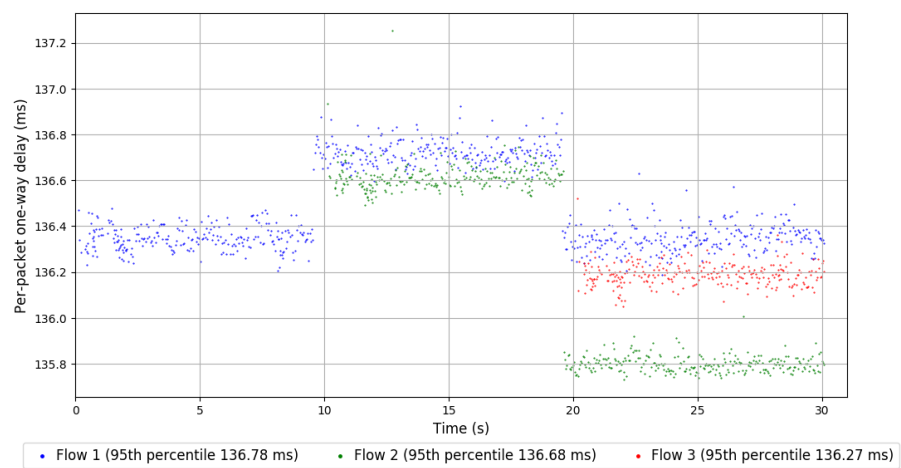
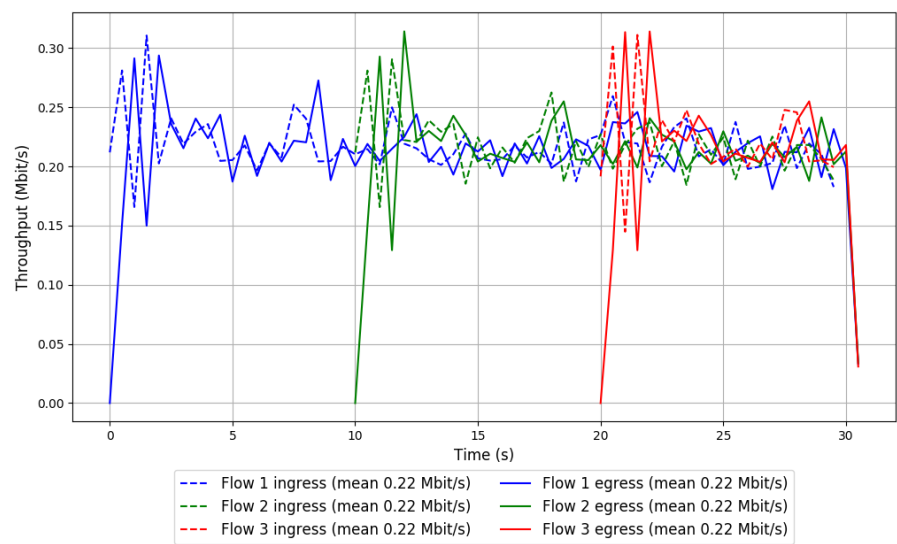


Run 7: Statistics of SReAM

Start at: 2018-07-11 04:57:42
End at: 2018-07-11 04:58:12
Local clock offset: -0.141 ms
Remote clock offset: -0.011 ms

Below is generated by plot.py at 2018-07-11 08:33:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 136.742 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.777 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.677 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.269 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

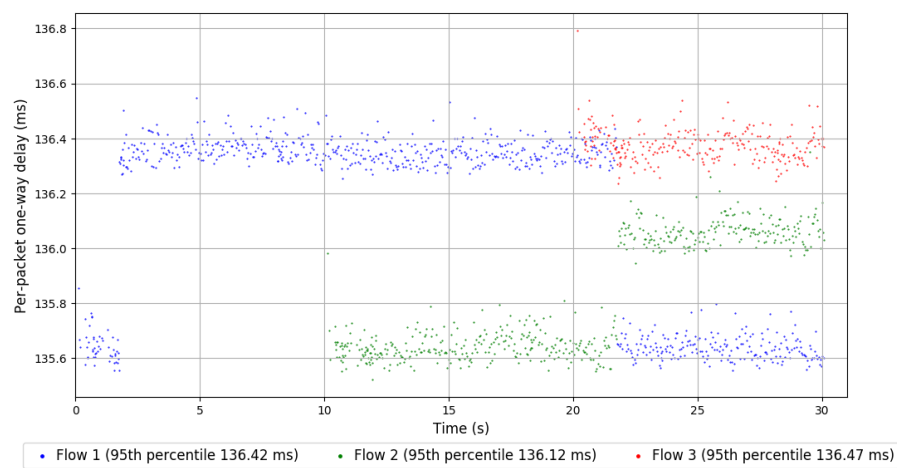
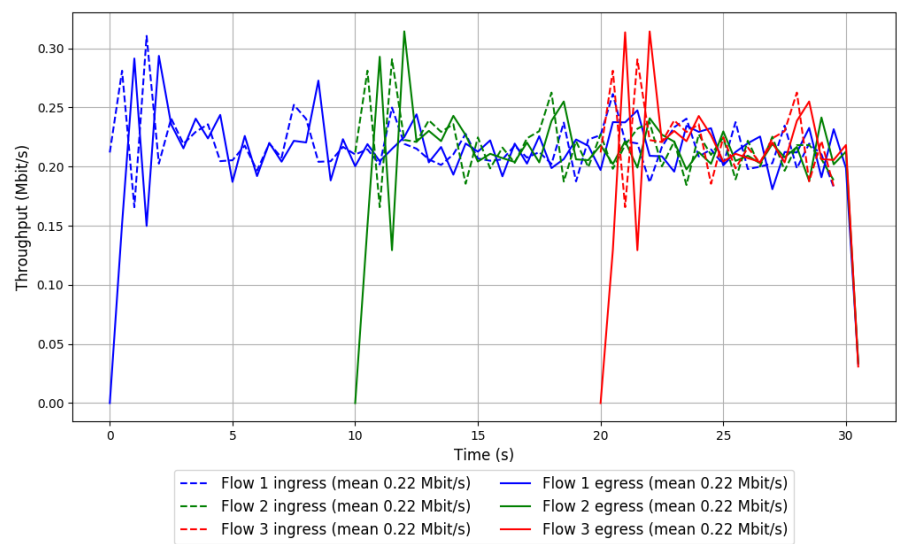


Run 8: Statistics of SReAM

Start at: 2018-07-11 05:24:40
End at: 2018-07-11 05:25:10
Local clock offset: -0.043 ms
Remote clock offset: -0.427 ms

Below is generated by plot.py at 2018-07-11 08:33:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 136.423 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.417 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.122 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.469 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SReAM

Start at: 2018-07-11 05:51:49

End at: 2018-07-11 05:52:19

Local clock offset: 0.2 ms

Remote clock offset: 0.337 ms

Below is generated by plot.py at 2018-07-11 08:33:19

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 136.998 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 137.018 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 136.335 ms

Loss rate: 0.00%

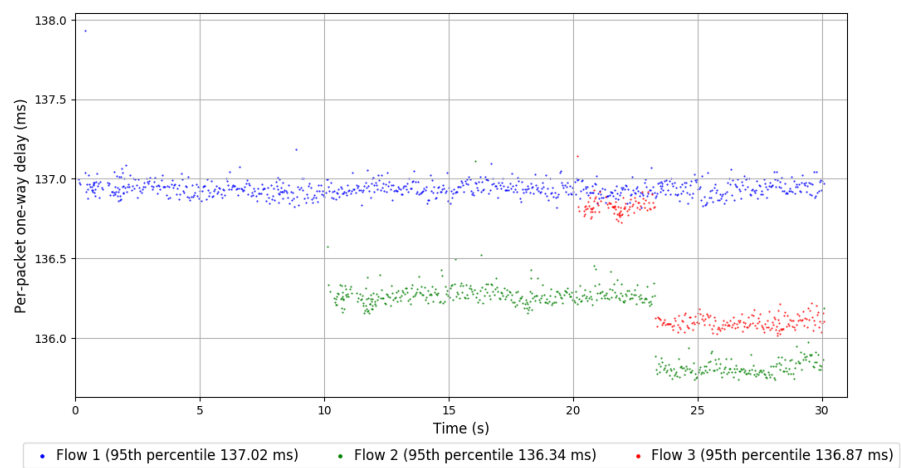
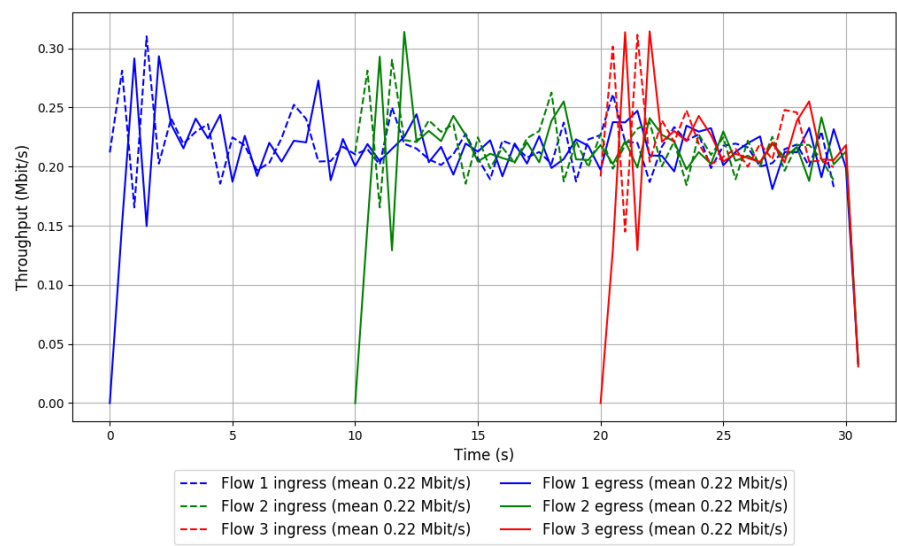
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 136.873 ms

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

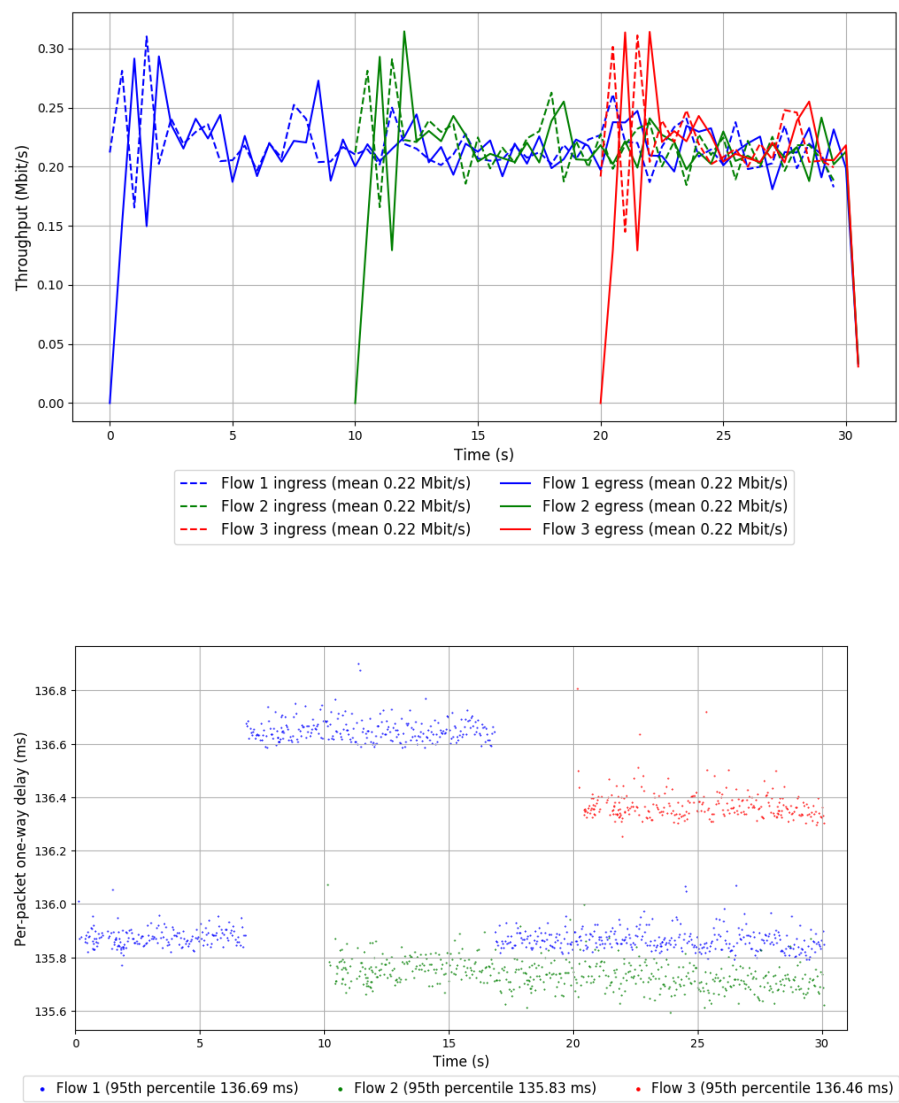


Run 10: Statistics of SReAM

Start at: 2018-07-11 06:18:55
End at: 2018-07-11 06:19:25
Local clock offset: 0.047 ms
Remote clock offset: -0.018 ms

Below is generated by plot.py at 2018-07-11 08:33:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 136.667 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.688 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.828 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.461 ms
Loss rate: 0.00%

Run 10: Report of SCReAM — Data Link

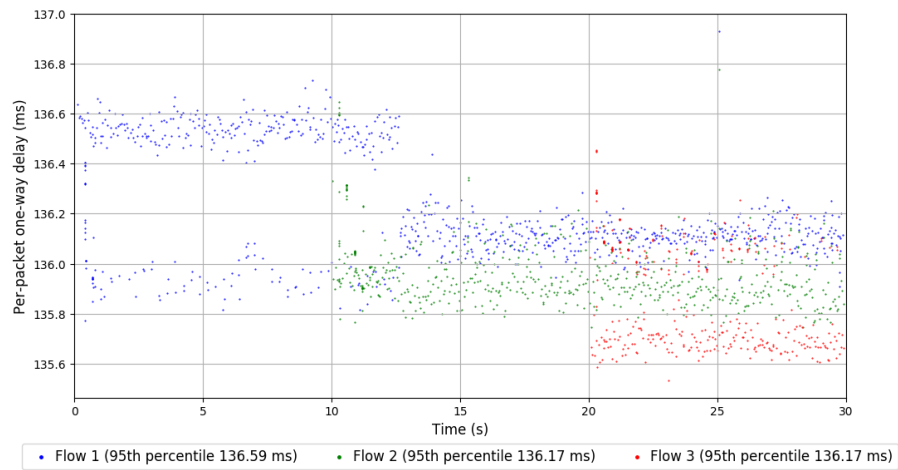
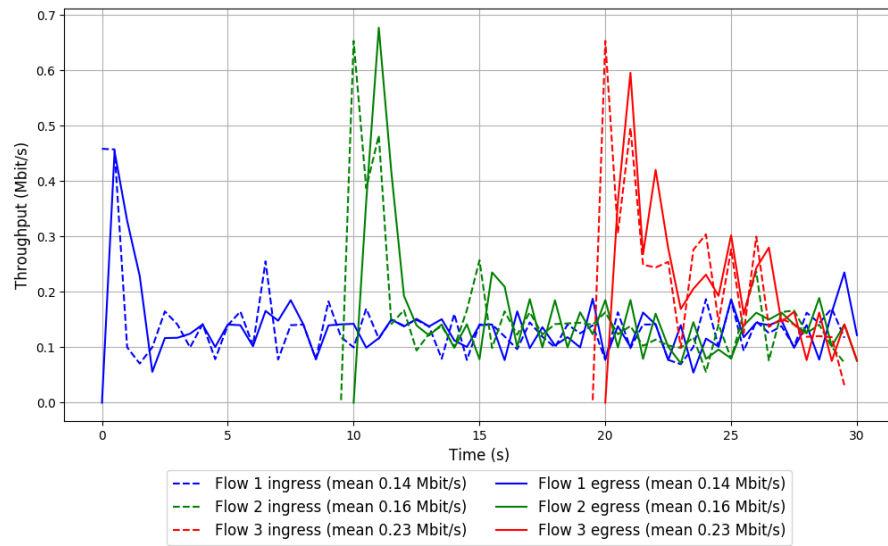


Run 1: Statistics of Sprout

Start at: 2018-07-11 02:07:09
End at: 2018-07-11 02:07:39
Local clock offset: -0.048 ms
Remote clock offset: -0.135 ms

Below is generated by plot.py at 2018-07-11 08:33:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 136.564 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 136.589 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 136.171 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 136.166 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

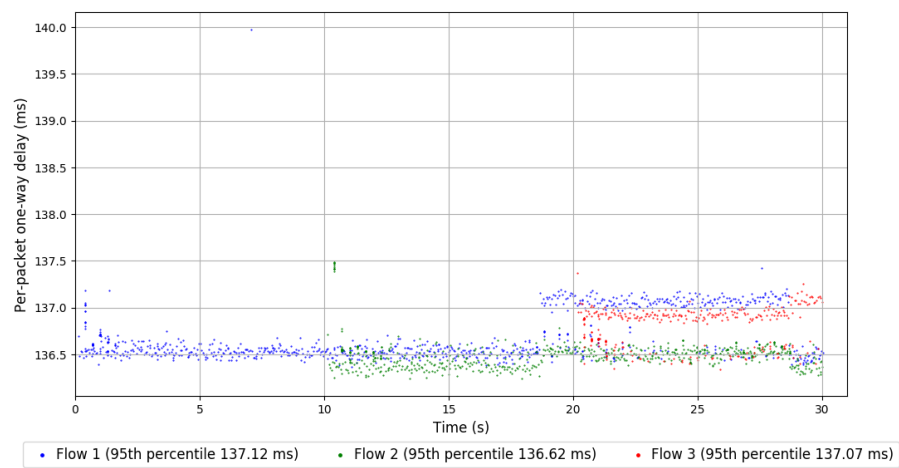
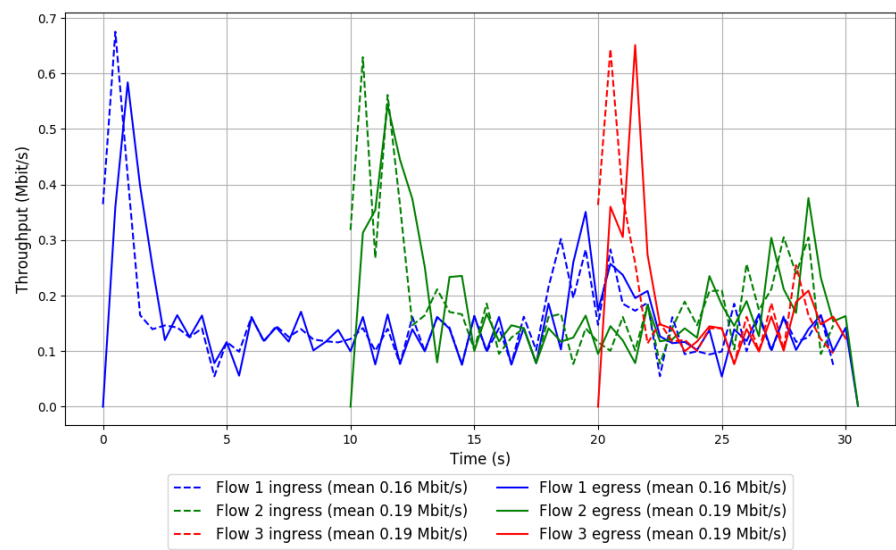


Run 2: Statistics of Sprout

Start at: 2018-07-11 02:33:43
End at: 2018-07-11 02:34:13
Local clock offset: -0.262 ms
Remote clock offset: 0.253 ms

Below is generated by plot.py at 2018-07-11 08:33:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 137.101 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 137.125 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 136.625 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 137.073 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

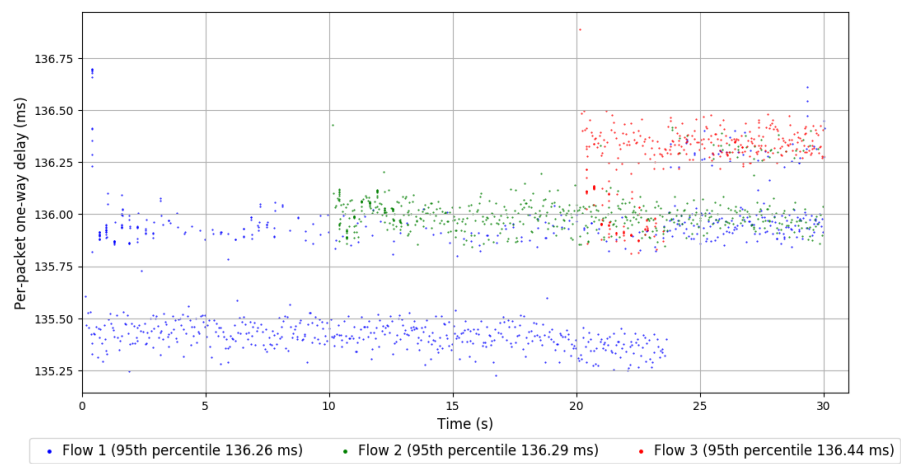
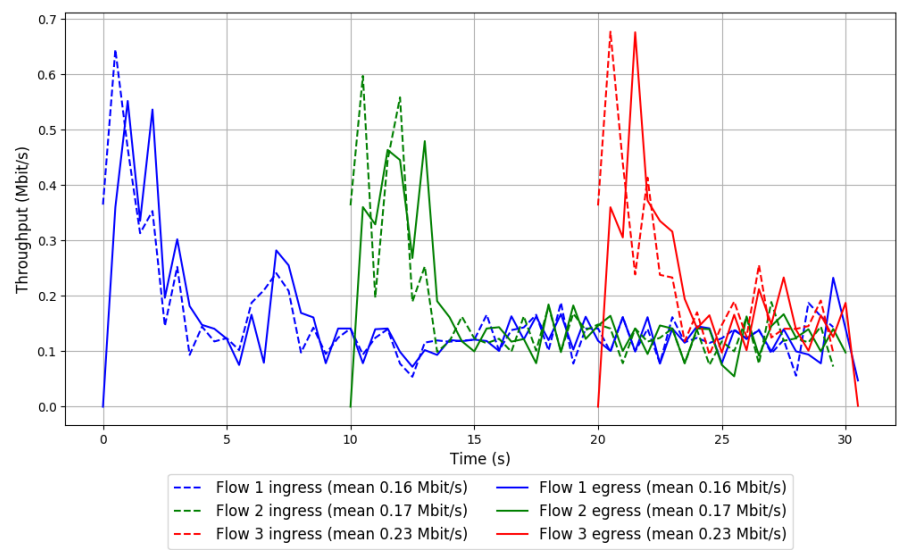


Run 3: Statistics of Sprout

Start at: 2018-07-11 03:00:48
End at: 2018-07-11 03:01:18
Local clock offset: 0.04 ms
Remote clock offset: -0.103 ms

```
# Below is generated by plot.py at 2018-07-11 08:33:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 136.379 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 136.262 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 136.294 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 136.440 ms
Loss rate: 0.00%
```


Run 3: Report of Sprout — Data Link

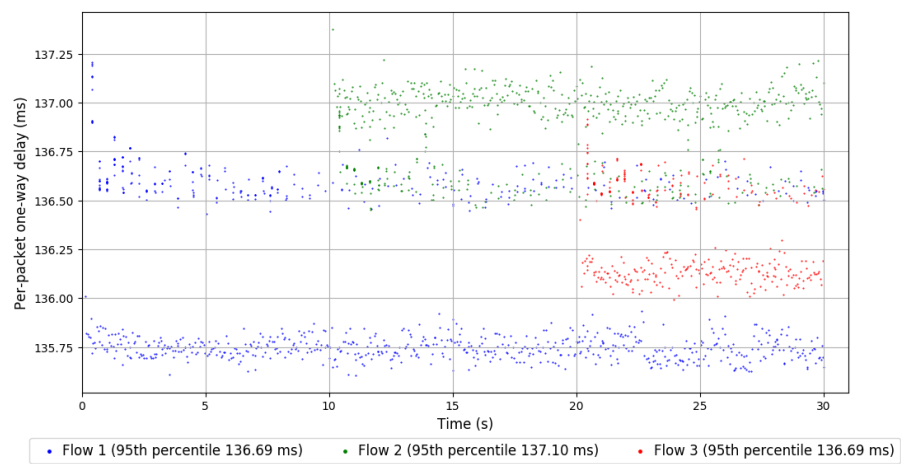
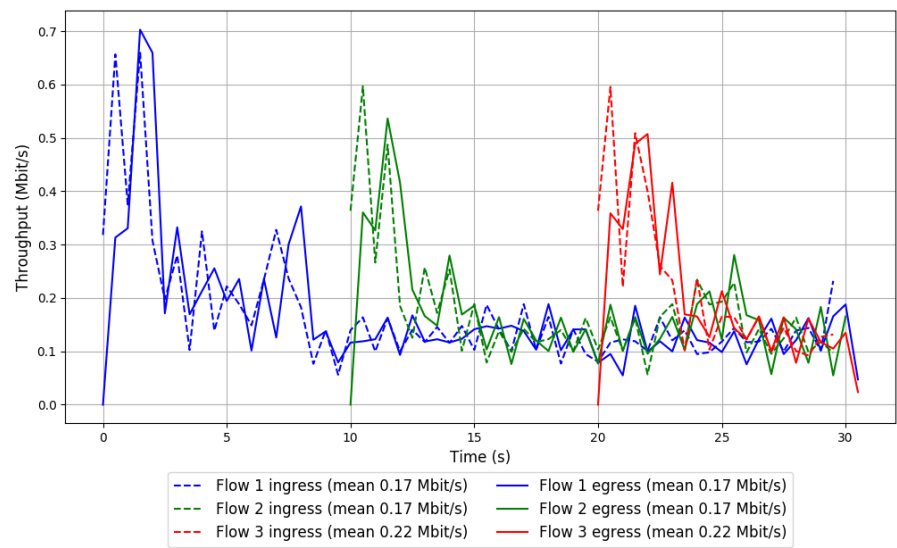


Run 4: Statistics of Sprout

Start at: 2018-07-11 03:27:50
End at: 2018-07-11 03:28:20
Local clock offset: -0.132 ms
Remote clock offset: -0.142 ms

```
# Below is generated by plot.py at 2018-07-11 08:33:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 137.062 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 136.686 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 137.103 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.685 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

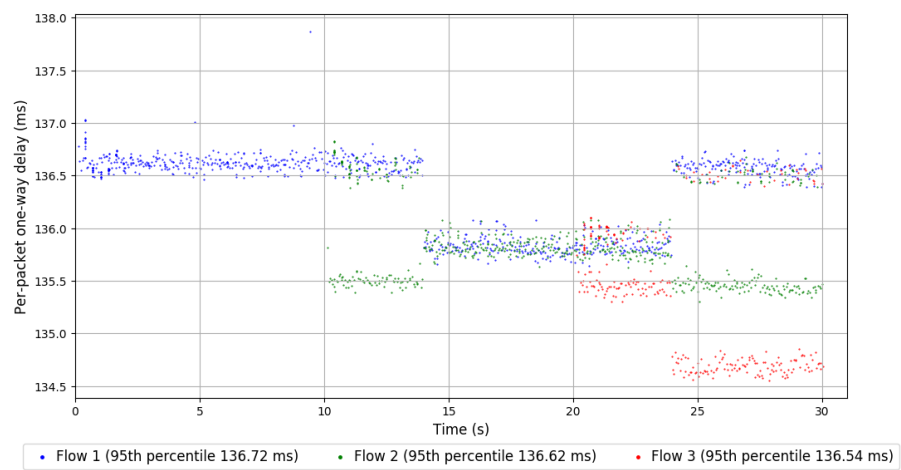
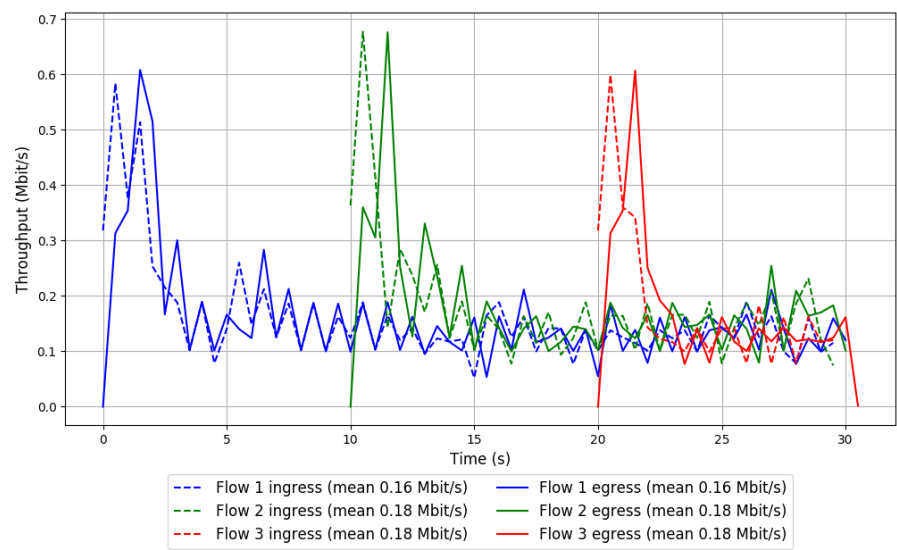


Run 5: Statistics of Sprout

Start at: 2018-07-11 03:55:08
End at: 2018-07-11 03:55:38
Local clock offset: -0.074 ms
Remote clock offset: -0.142 ms

```
# Below is generated by plot.py at 2018-07-11 08:33:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 136.691 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 136.717 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 136.622 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 136.537 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

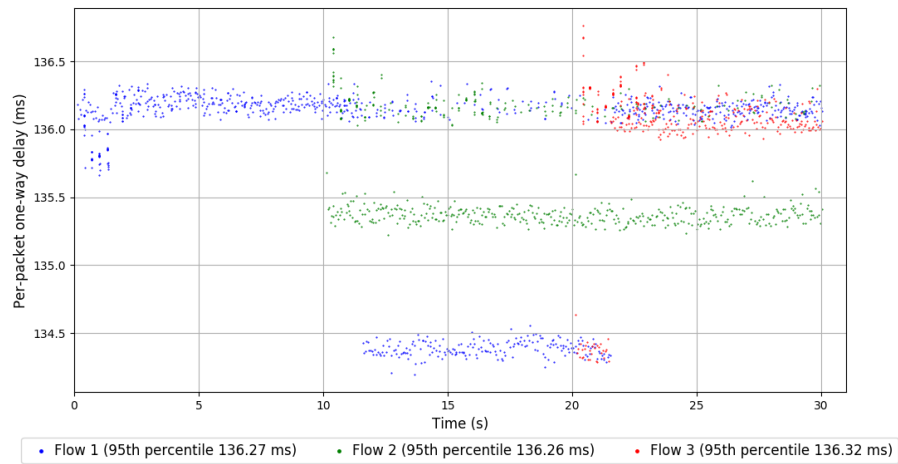
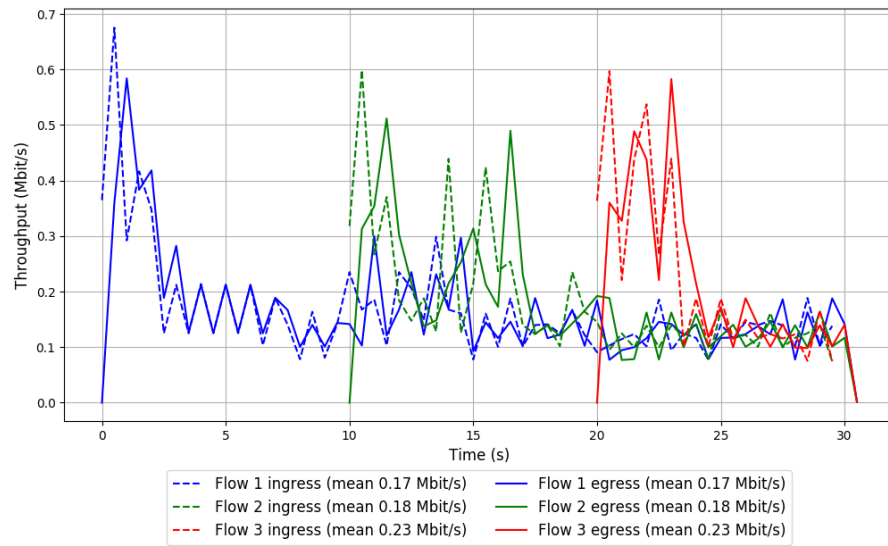


Run 6: Statistics of Sprout

Start at: 2018-07-11 04:21:50
End at: 2018-07-11 04:22:20
Local clock offset: -0.091 ms
Remote clock offset: -0.461 ms

Below is generated by plot.py at 2018-07-11 08:33:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 136.279 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 136.270 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 136.264 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 136.318 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

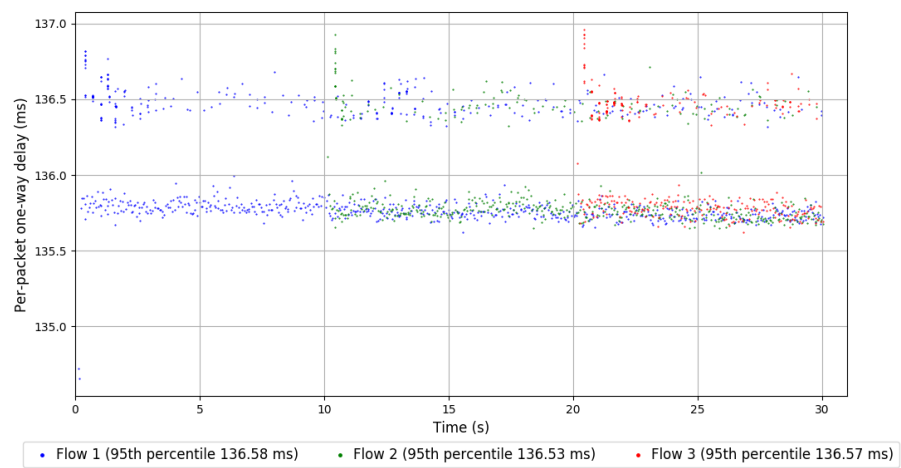
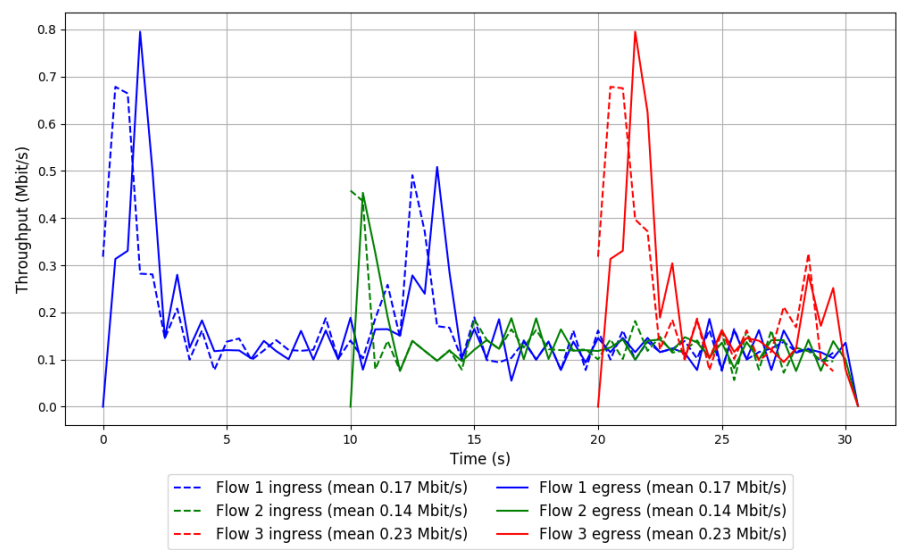


Run 7: Statistics of Sprout

Start at: 2018-07-11 04:48:02
End at: 2018-07-11 04:48:32
Local clock offset: -0.037 ms
Remote clock offset: -0.082 ms

Below is generated by plot.py at 2018-07-11 08:33:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 136.565 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 136.580 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 136.533 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 136.567 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

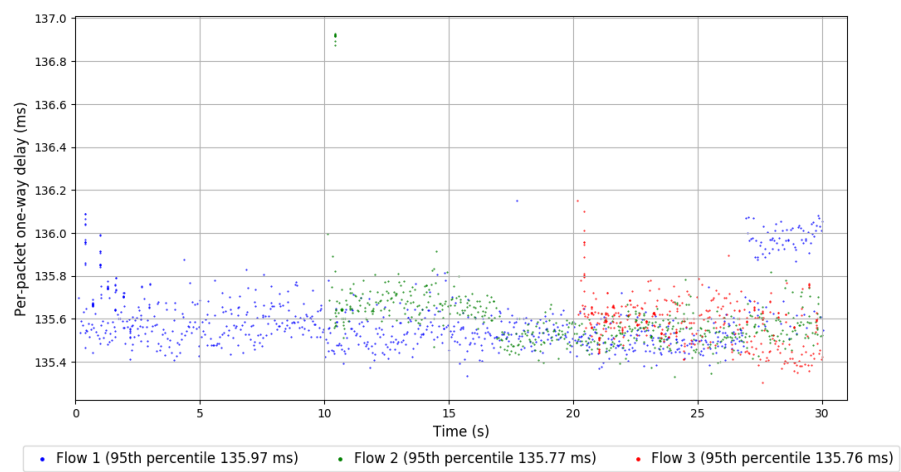
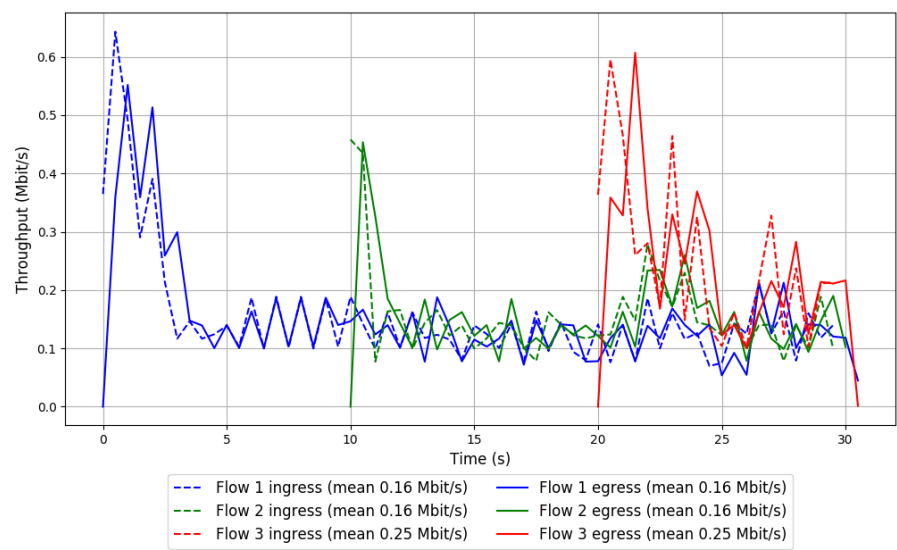


Run 8: Statistics of Sprout

Start at: 2018-07-11 05:14:55
End at: 2018-07-11 05:15:25
Local clock offset: 0.278 ms
Remote clock offset: -0.081 ms

```
# Below is generated by plot.py at 2018-07-11 08:33:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 135.908 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 135.970 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 135.767 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 135.760 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

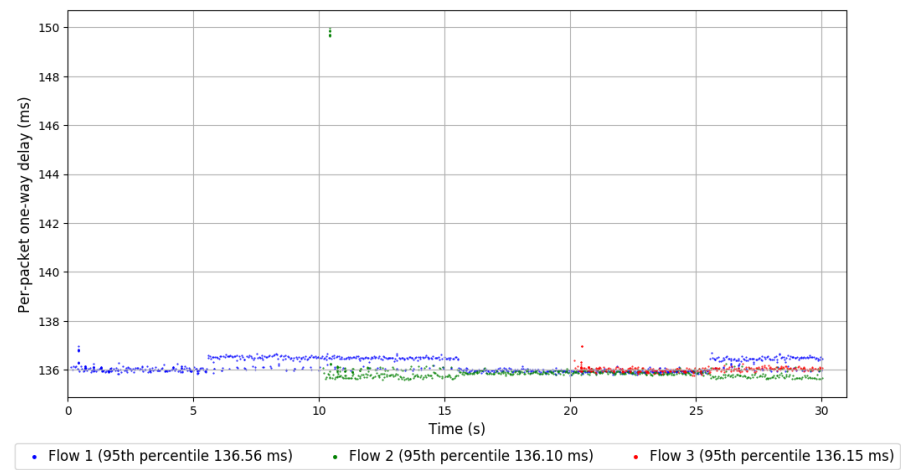
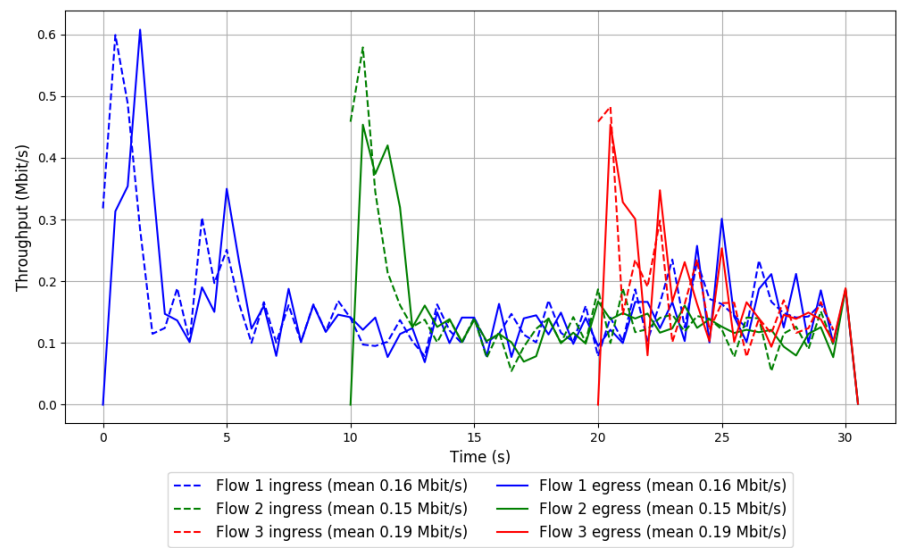


Run 9: Statistics of Sprout

Start at: 2018-07-11 05:42:06
End at: 2018-07-11 05:42:36
Local clock offset: -0.09 ms
Remote clock offset: -0.072 ms

```
# Below is generated by plot.py at 2018-07-11 08:33:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 136.537 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 136.560 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 136.102 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 136.146 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

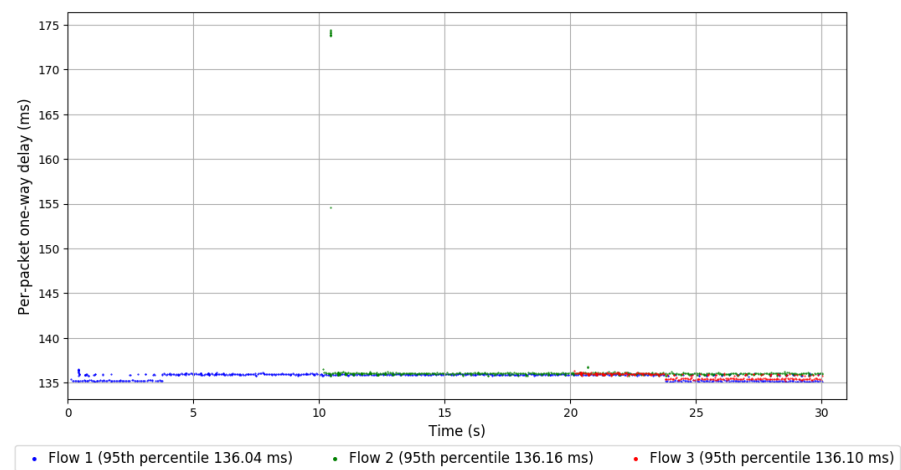
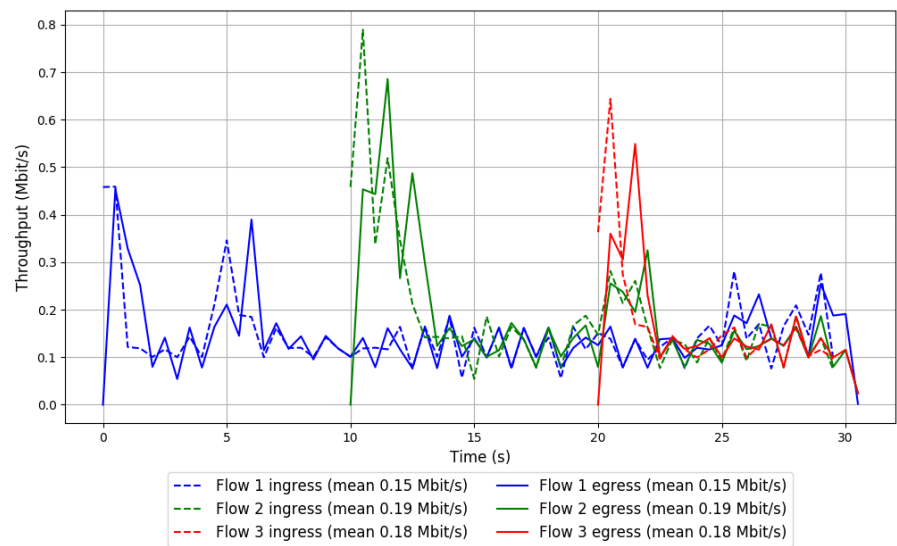


Run 10: Statistics of Sprout

Start at: 2018-07-11 06:09:08
End at: 2018-07-11 06:09:38
Local clock offset: 0.129 ms
Remote clock offset: -0.394 ms

```
# Below is generated by plot.py at 2018-07-11 08:33:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 136.121 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 136.036 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 136.159 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 136.100 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link

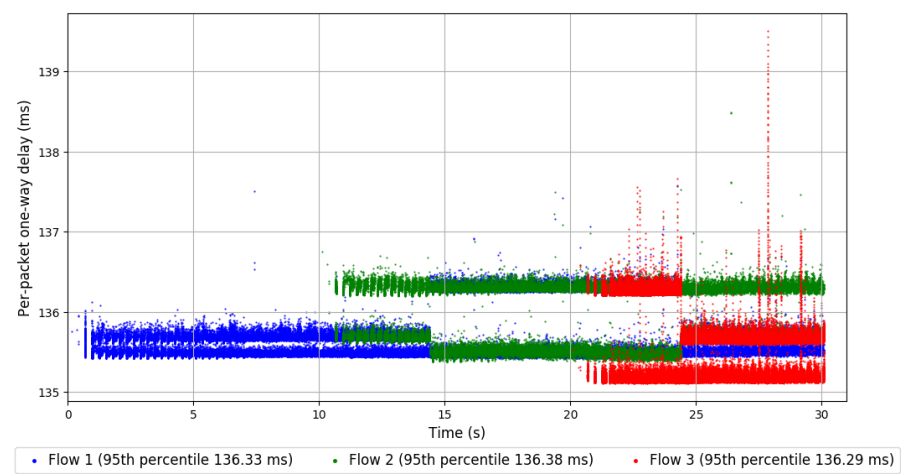
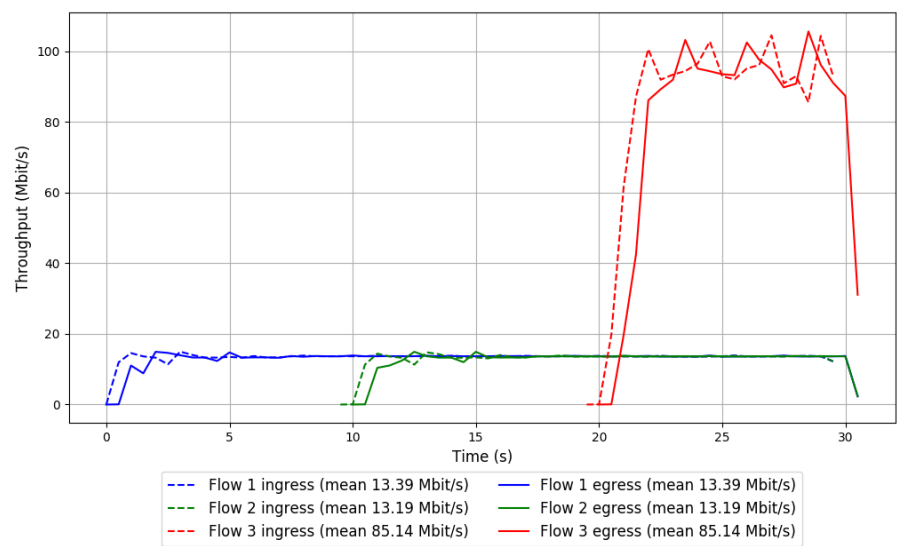


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-07-11 02:18:07
End at: 2018-07-11 02:18:37
Local clock offset: 0.013 ms
Remote clock offset: -0.164 ms

# Below is generated by plot.py at 2018-07-11 08:33:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 50.50 Mbit/s
95th percentile per-packet one-way delay: 136.331 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.39 Mbit/s
95th percentile per-packet one-way delay: 136.328 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 13.19 Mbit/s
95th percentile per-packet one-way delay: 136.383 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 85.14 Mbit/s
95th percentile per-packet one-way delay: 136.290 ms
Loss rate: 0.00%
```


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

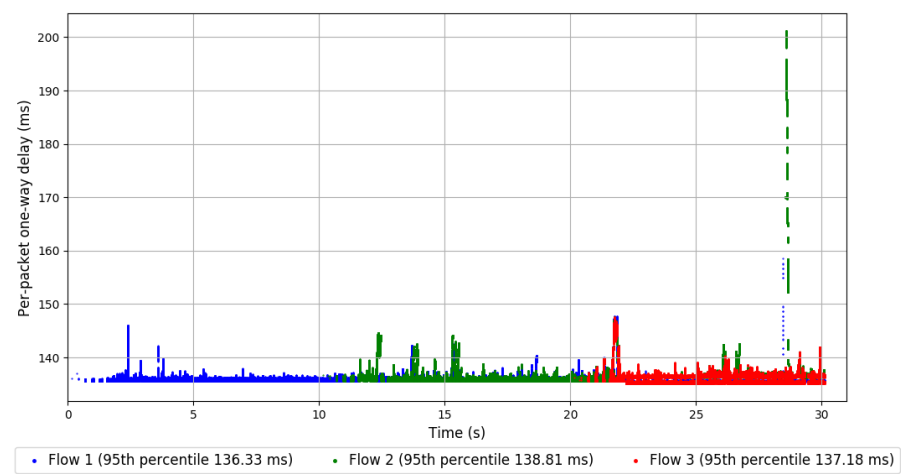
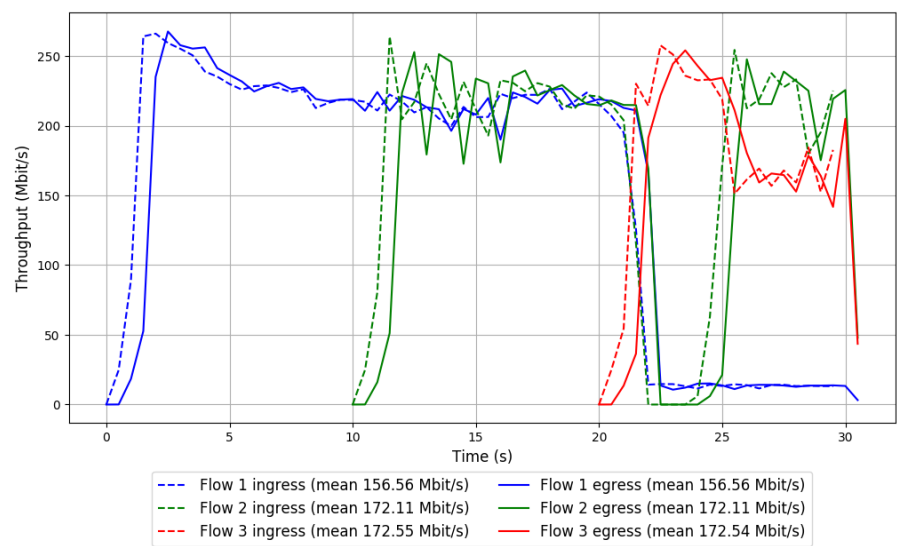


Run 2: Statistics of TaoVA-100x

Start at: 2018-07-11 02:44:40
End at: 2018-07-11 02:45:10
Local clock offset: 0.064 ms
Remote clock offset: -0.081 ms

Below is generated by plot.py at 2018-07-11 08:38:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 328.56 Mbit/s
95th percentile per-packet one-way delay: 137.086 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 156.56 Mbit/s
95th percentile per-packet one-way delay: 136.332 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 172.11 Mbit/s
95th percentile per-packet one-way delay: 138.815 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 172.54 Mbit/s
95th percentile per-packet one-way delay: 137.178 ms
Loss rate: 0.00%

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

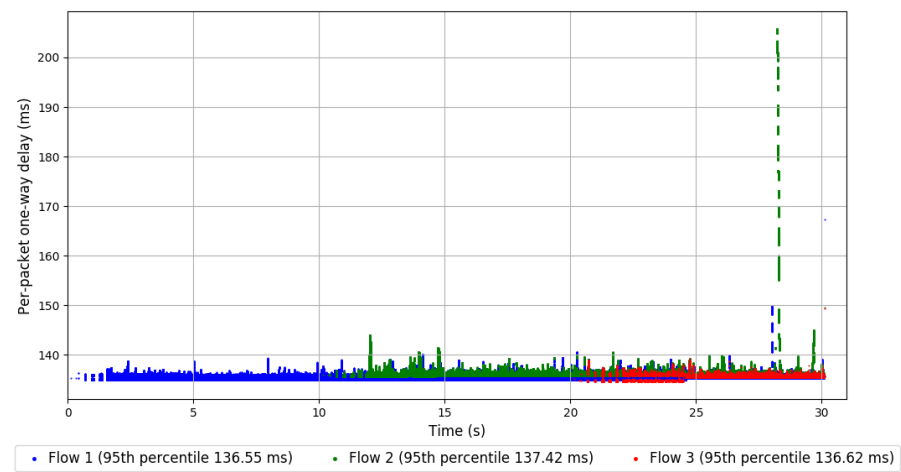
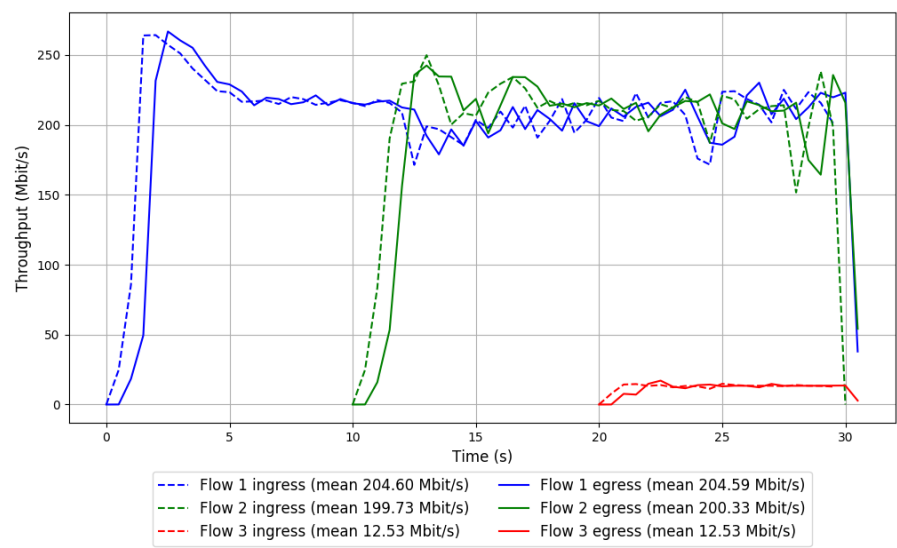


Run 3: Statistics of TaoVA-100x

Start at: 2018-07-11 03:11:47
End at: 2018-07-11 03:12:17
Local clock offset: 0.079 ms
Remote clock offset: -0.465 ms

Below is generated by plot.py at 2018-07-11 08:38:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 342.20 Mbit/s
95th percentile per-packet one-way delay: 136.841 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 204.59 Mbit/s
95th percentile per-packet one-way delay: 136.552 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 200.33 Mbit/s
95th percentile per-packet one-way delay: 137.420 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.53 Mbit/s
95th percentile per-packet one-way delay: 136.615 ms
Loss rate: 0.00%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-07-11 03:38:57

End at: 2018-07-11 03:39:27

Local clock offset: -0.115 ms

Remote clock offset: 0.275 ms

Below is generated by plot.py at 2018-07-11 08:39:05

Datalink statistics

-- Total of 3 flows:

Average throughput: 354.33 Mbit/s

95th percentile per-packet one-way delay: 138.287 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 206.76 Mbit/s

95th percentile per-packet one-way delay: 137.778 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 202.71 Mbit/s

95th percentile per-packet one-way delay: 138.792 ms

Loss rate: 0.00%

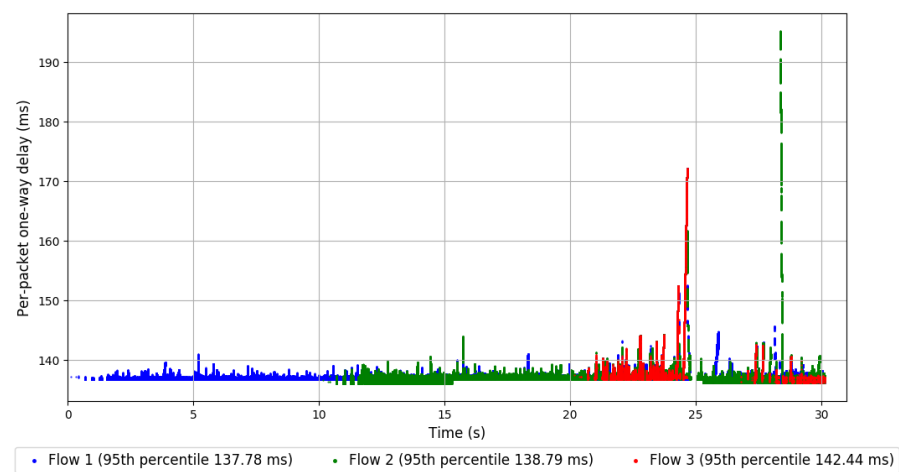
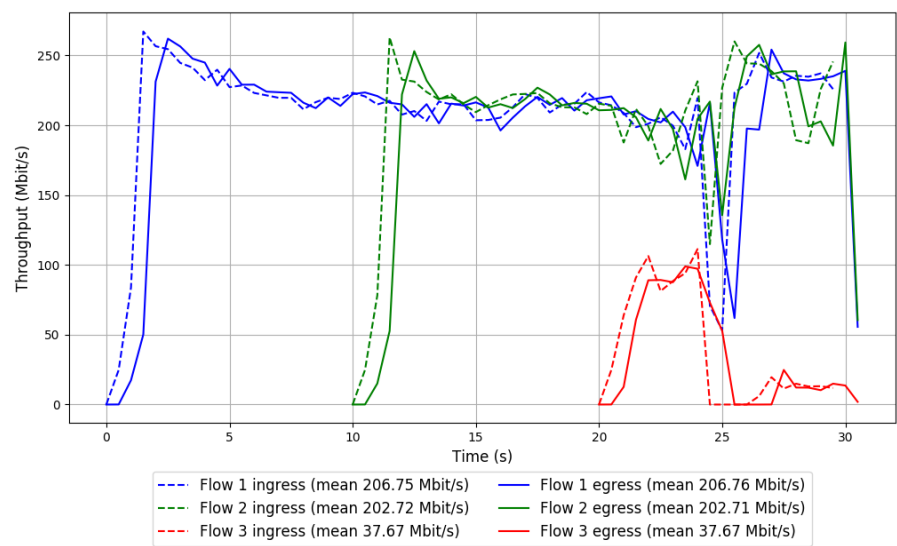
-- Flow 3:

Average throughput: 37.67 Mbit/s

95th percentile per-packet one-way delay: 142.445 ms

Loss rate: 0.00%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-07-11 04:06:00

End at: 2018-07-11 04:06:30

Local clock offset: -0.027 ms

Remote clock offset: 0.232 ms

Below is generated by plot.py at 2018-07-11 08:39:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.79 Mbit/s

95th percentile per-packet one-way delay: 136.784 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 13.35 Mbit/s

95th percentile per-packet one-way delay: 136.715 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 13.21 Mbit/s

95th percentile per-packet one-way delay: 136.819 ms

Loss rate: 0.00%

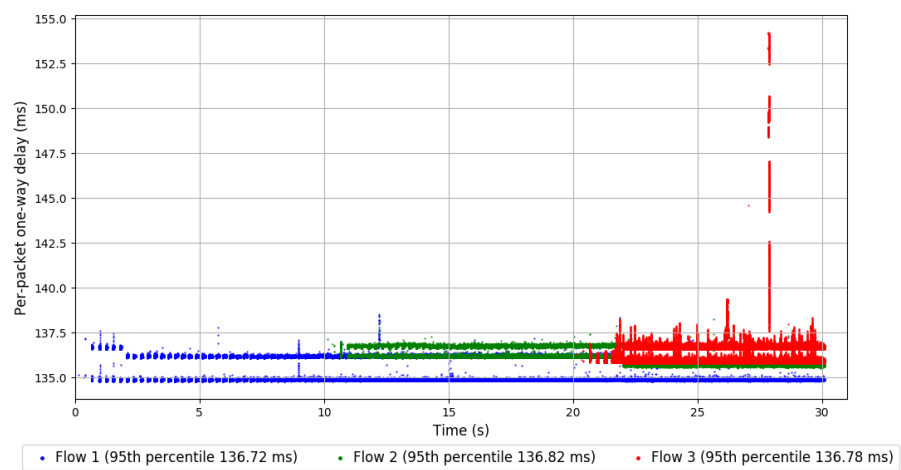
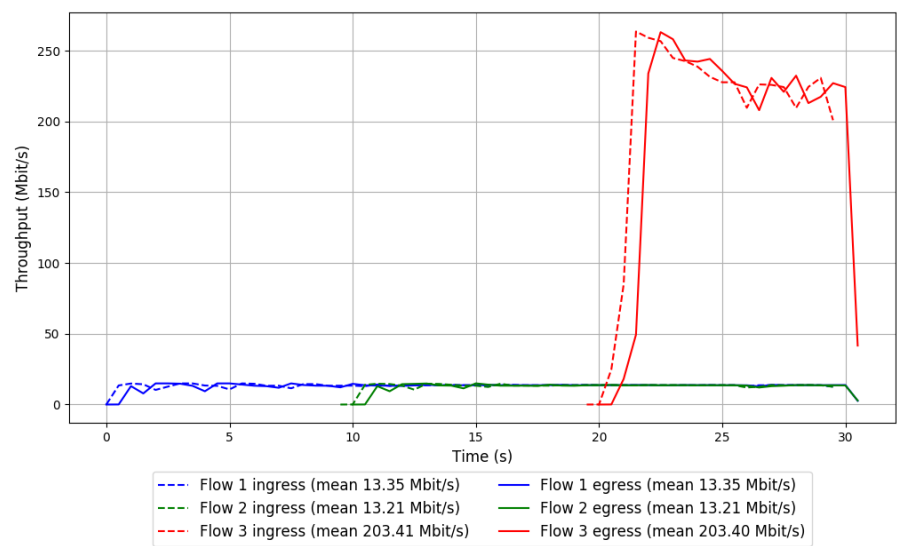
-- Flow 3:

Average throughput: 203.40 Mbit/s

95th percentile per-packet one-way delay: 136.784 ms

Loss rate: 0.00%

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

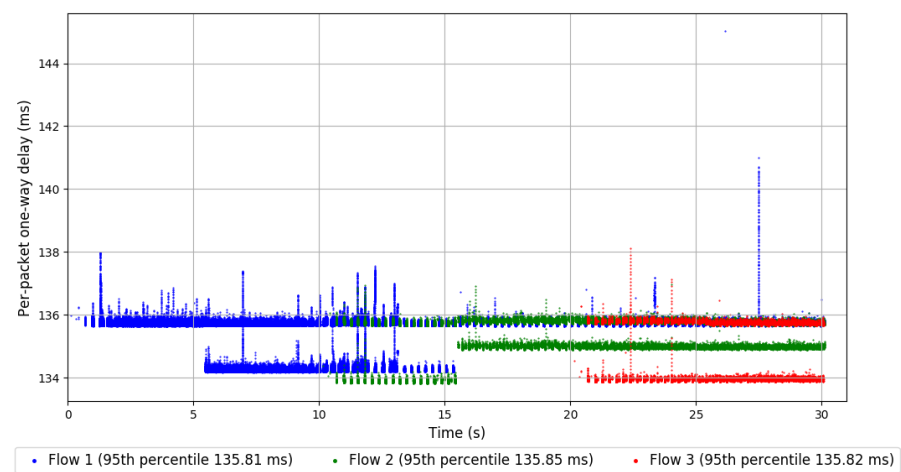
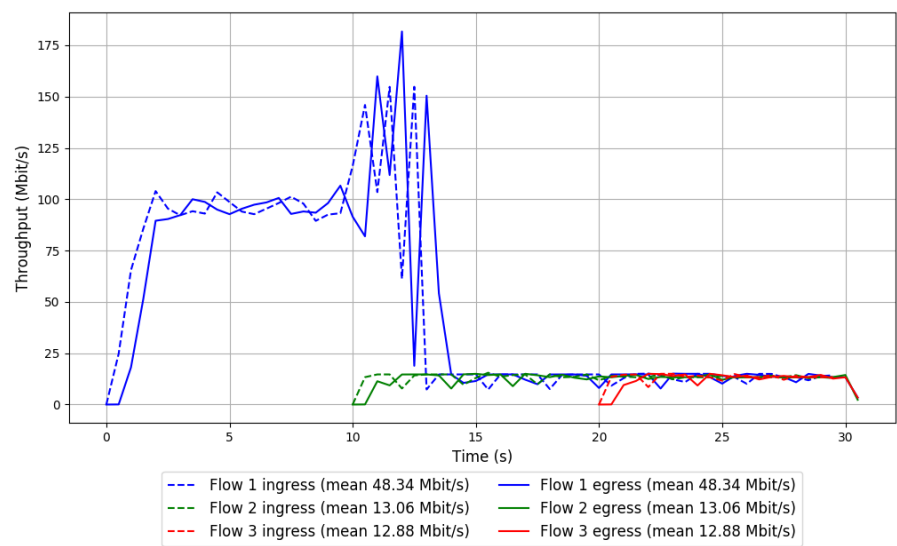


Run 6: Statistics of TaoVA-100x

Start at: 2018-07-11 04:32:16
End at: 2018-07-11 04:32:46
Local clock offset: 0.211 ms
Remote clock offset: -0.416 ms

Below is generated by plot.py at 2018-07-11 08:39:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 61.31 Mbit/s
95th percentile per-packet one-way delay: 135.821 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 48.34 Mbit/s
95th percentile per-packet one-way delay: 135.814 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 13.06 Mbit/s
95th percentile per-packet one-way delay: 135.850 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.88 Mbit/s
95th percentile per-packet one-way delay: 135.820 ms
Loss rate: 0.00%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-07-11 04:58:57

End at: 2018-07-11 04:59:27

Local clock offset: -0.121 ms

Remote clock offset: -0.07 ms

Below is generated by plot.py at 2018-07-11 08:39:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 193.96 Mbit/s

95th percentile per-packet one-way delay: 136.648 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 13.39 Mbit/s

95th percentile per-packet one-way delay: 136.623 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 202.03 Mbit/s

95th percentile per-packet one-way delay: 136.635 ms

Loss rate: 0.00%

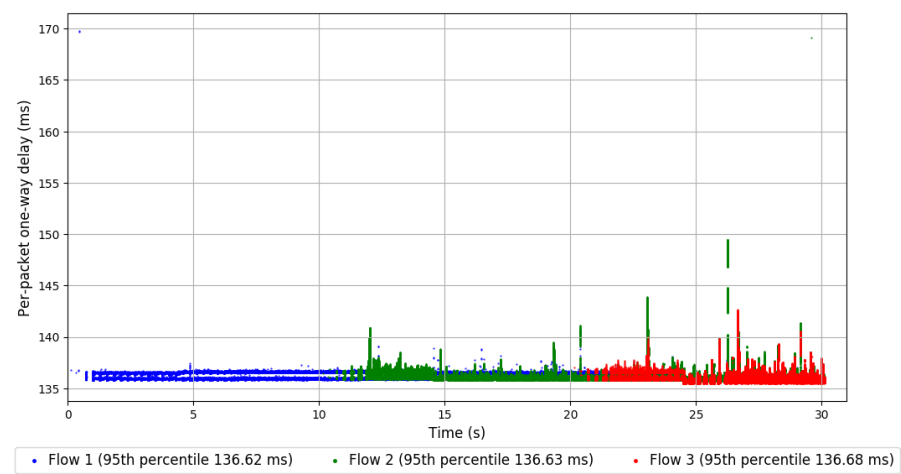
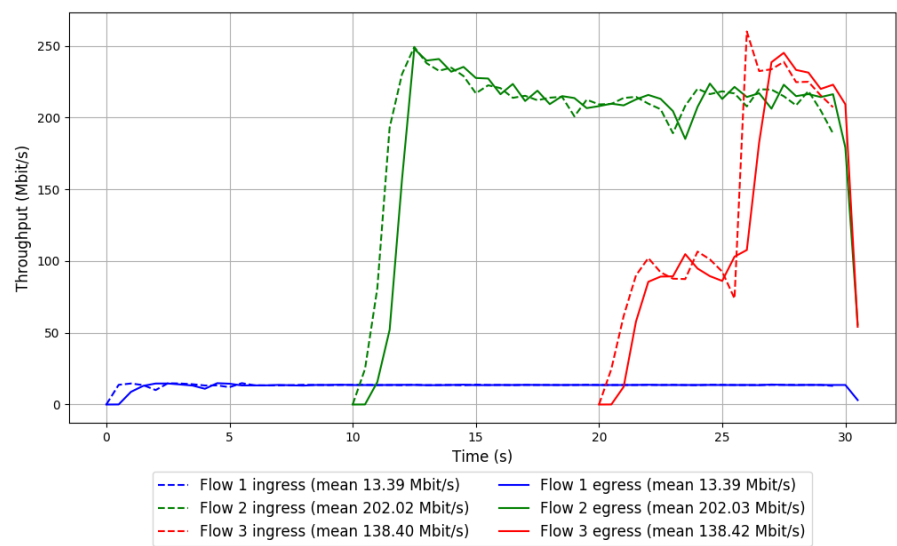
-- Flow 3:

Average throughput: 138.42 Mbit/s

95th percentile per-packet one-way delay: 136.680 ms

Loss rate: 0.00%

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

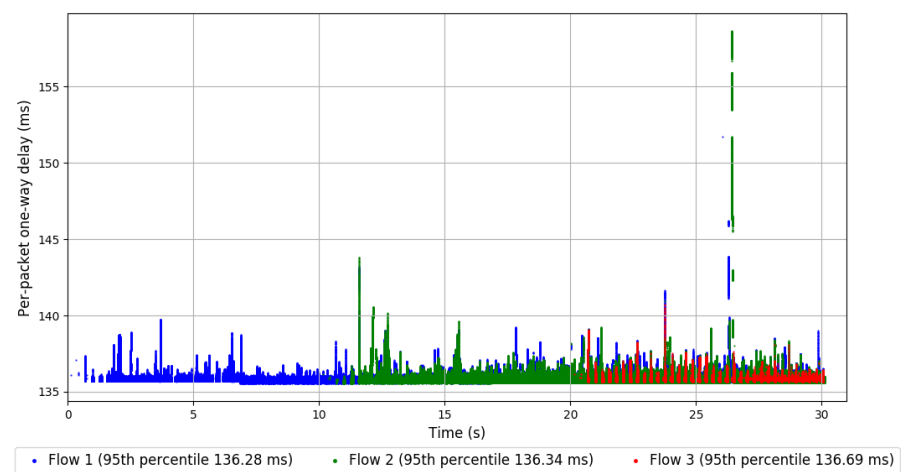
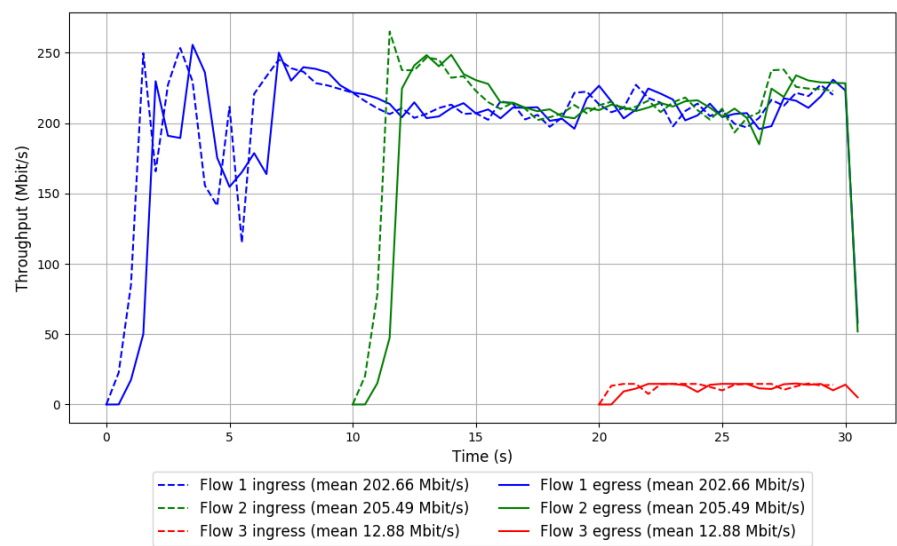


Run 8: Statistics of TaoVA-100x

Start at: 2018-07-11 05:25:55
End at: 2018-07-11 05:26:25
Local clock offset: 0.079 ms
Remote clock offset: -0.055 ms

Below is generated by plot.py at 2018-07-11 08:40:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 343.80 Mbit/s
95th percentile per-packet one-way delay: 136.315 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 202.66 Mbit/s
95th percentile per-packet one-way delay: 136.282 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 205.49 Mbit/s
95th percentile per-packet one-way delay: 136.345 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.88 Mbit/s
95th percentile per-packet one-way delay: 136.685 ms
Loss rate: 0.00%

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

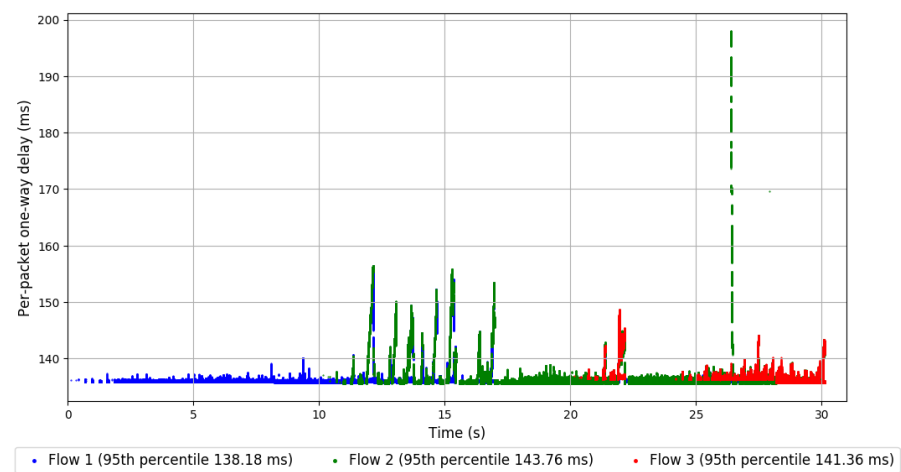
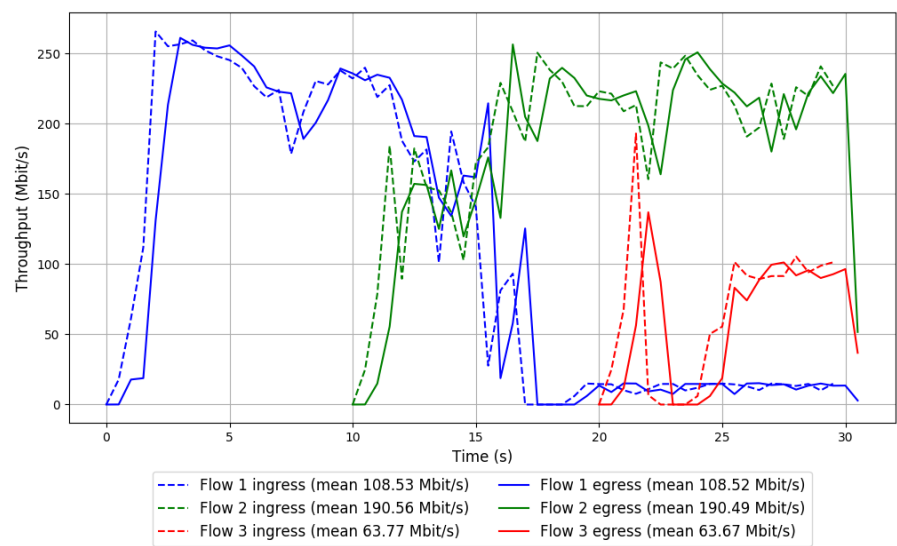


Run 9: Statistics of TaoVA-100x

Start at: 2018-07-11 05:53:04
End at: 2018-07-11 05:53:34
Local clock offset: -0.101 ms
Remote clock offset: -0.032 ms

Below is generated by plot.py at 2018-07-11 08:40:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 256.56 Mbit/s
95th percentile per-packet one-way delay: 142.111 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 108.52 Mbit/s
95th percentile per-packet one-way delay: 138.181 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 190.49 Mbit/s
95th percentile per-packet one-way delay: 143.761 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 63.67 Mbit/s
95th percentile per-packet one-way delay: 141.364 ms
Loss rate: 0.15%

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

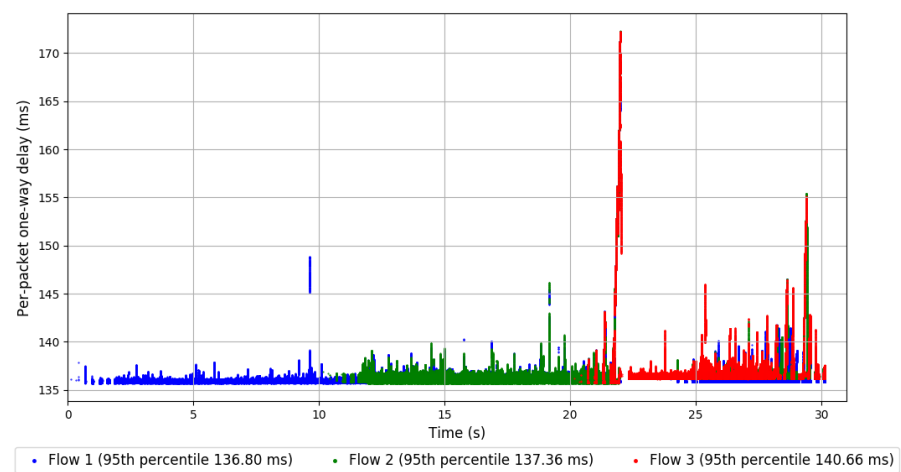
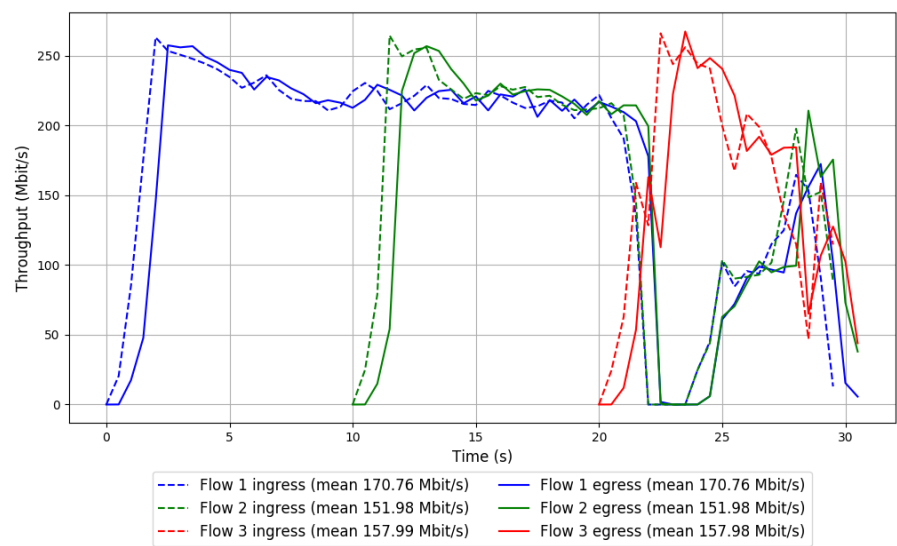


Run 10: Statistics of TaoVA-100x

Start at: 2018-07-11 06:20:10
End at: 2018-07-11 06:20:40
Local clock offset: -0.018 ms
Remote clock offset: -0.056 ms

Below is generated by plot.py at 2018-07-11 08:41:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 324.50 Mbit/s
95th percentile per-packet one-way delay: 137.526 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 170.76 Mbit/s
95th percentile per-packet one-way delay: 136.800 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 151.98 Mbit/s
95th percentile per-packet one-way delay: 137.360 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 157.98 Mbit/s
95th percentile per-packet one-way delay: 140.655 ms
Loss rate: 0.00%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-07-11 01:57:29

End at: 2018-07-11 01:58:00

Local clock offset: -0.147 ms

Remote clock offset: -0.17 ms

Below is generated by plot.py at 2018-07-11 08:41:59

Datalink statistics

-- Total of 3 flows:

Average throughput: 73.78 Mbit/s

95th percentile per-packet one-way delay: 143.532 ms

Loss rate: 0.14%

-- Flow 1:

Average throughput: 28.24 Mbit/s

95th percentile per-packet one-way delay: 139.327 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 33.15 Mbit/s

95th percentile per-packet one-way delay: 143.207 ms

Loss rate: 0.00%

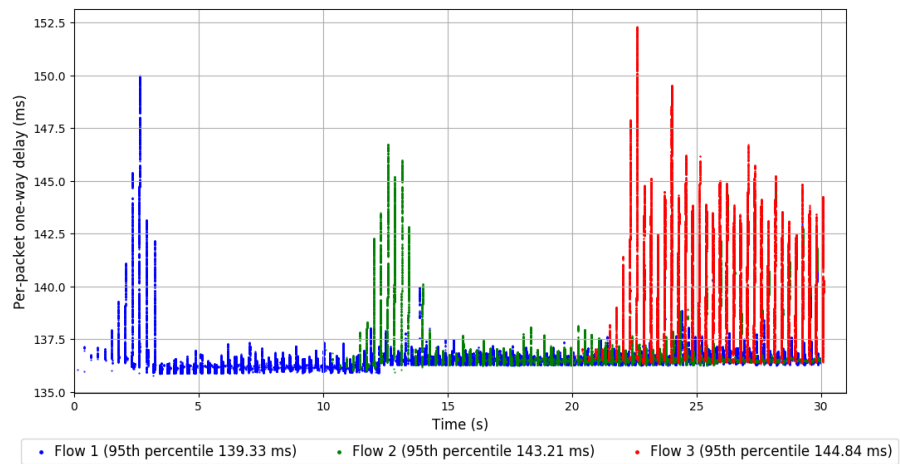
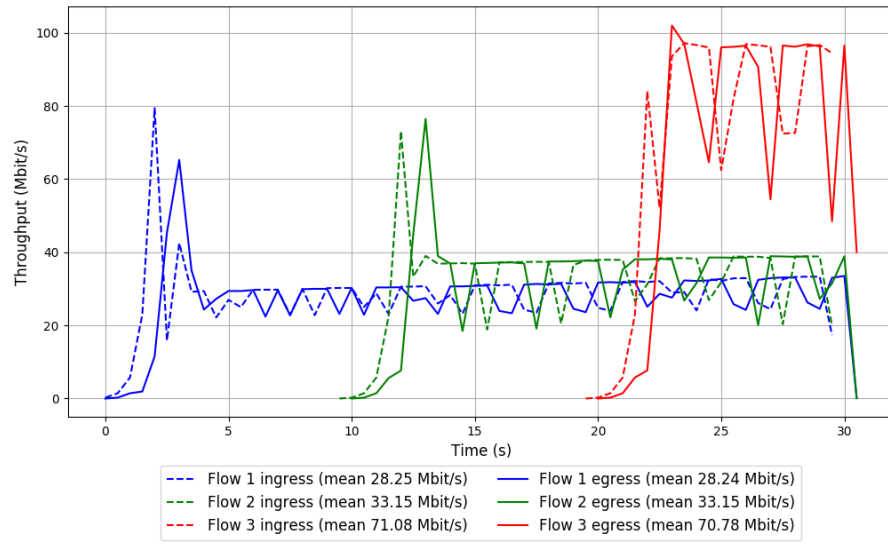
-- Flow 3:

Average throughput: 70.78 Mbit/s

95th percentile per-packet one-way delay: 144.836 ms

Loss rate: 0.43%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2018-07-11 02:24:09

End at: 2018-07-11 02:24:39

Local clock offset: 0.06 ms

Remote clock offset: 0.229 ms

Below is generated by plot.py at 2018-07-11 08:41:59

Datalink statistics

-- Total of 3 flows:

Average throughput: 78.52 Mbit/s

95th percentile per-packet one-way delay: 138.116 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 45.54 Mbit/s

95th percentile per-packet one-way delay: 137.202 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 33.76 Mbit/s

95th percentile per-packet one-way delay: 139.799 ms

Loss rate: 0.00%

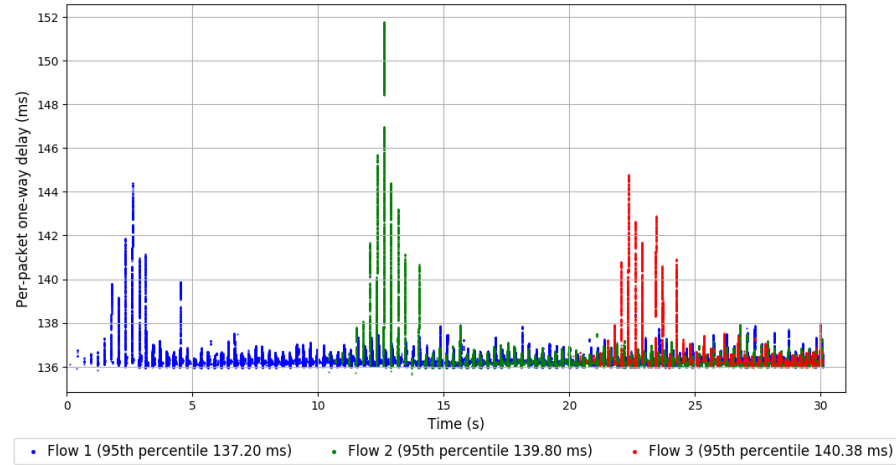
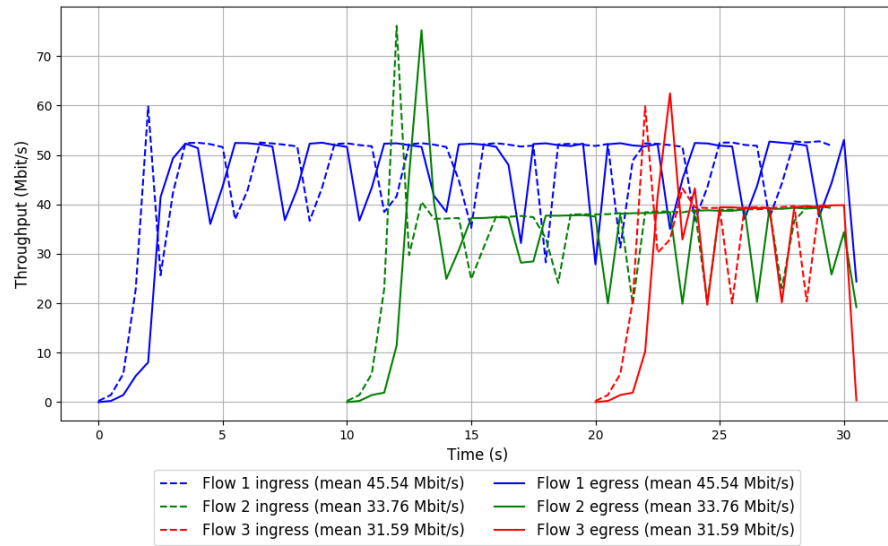
-- Flow 3:

Average throughput: 31.59 Mbit/s

95th percentile per-packet one-way delay: 140.378 ms

Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

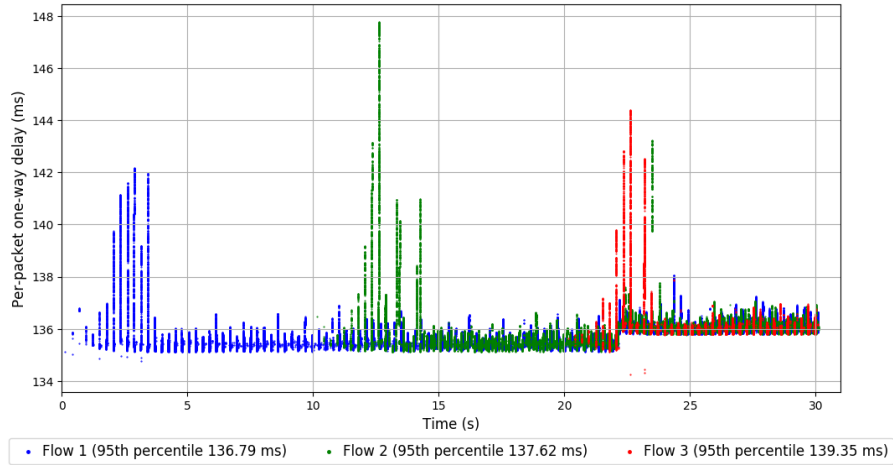
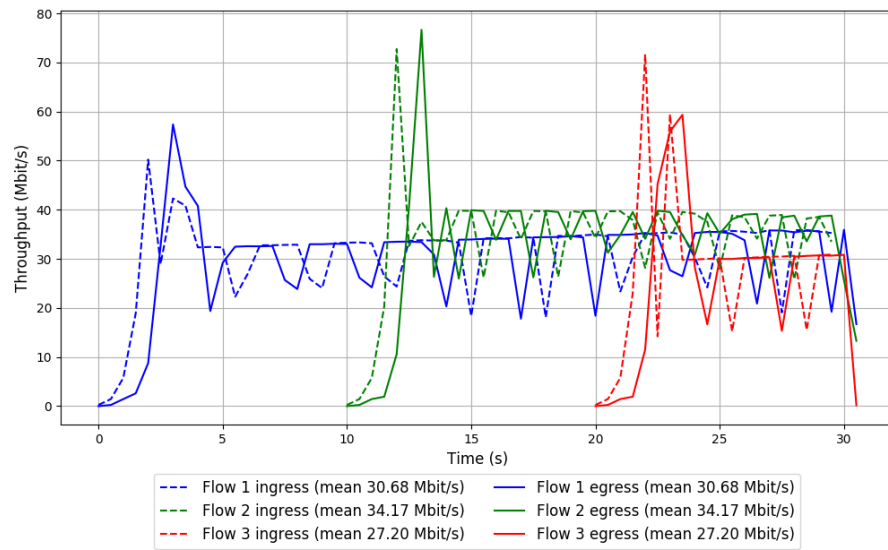


Run 3: Statistics of TCP Vegas

Start at: 2018-07-11 02:51:10
End at: 2018-07-11 02:51:40
Local clock offset: 0.147 ms
Remote clock offset: -0.467 ms

Below is generated by plot.py at 2018-07-11 08:41:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.41 Mbit/s
95th percentile per-packet one-way delay: 137.321 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 30.68 Mbit/s
95th percentile per-packet one-way delay: 136.787 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 34.17 Mbit/s
95th percentile per-packet one-way delay: 137.625 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 27.20 Mbit/s
95th percentile per-packet one-way delay: 139.350 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

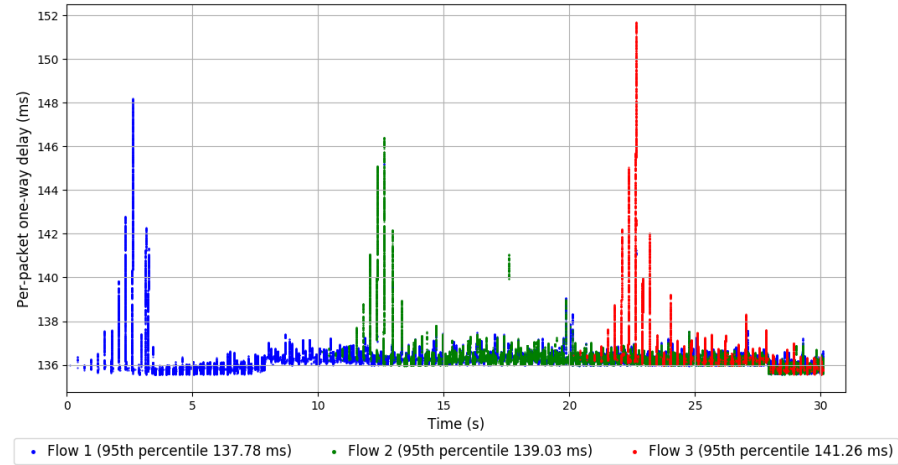
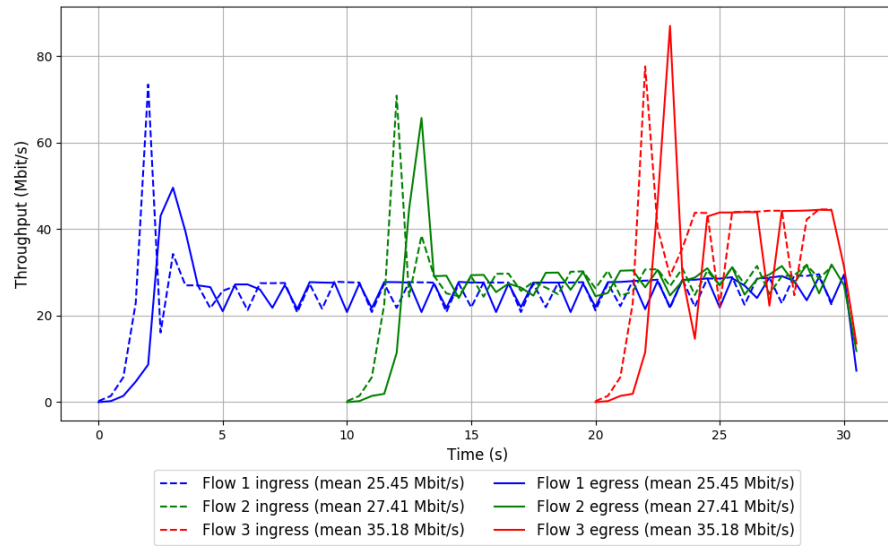


Run 4: Statistics of TCP Vegas

Start at: 2018-07-11 03:18:14
End at: 2018-07-11 03:18:44
Local clock offset: -0.198 ms
Remote clock offset: -0.473 ms

Below is generated by plot.py at 2018-07-11 08:41:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 55.37 Mbit/s
95th percentile per-packet one-way delay: 139.095 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 25.45 Mbit/s
95th percentile per-packet one-way delay: 137.777 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 27.41 Mbit/s
95th percentile per-packet one-way delay: 139.029 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 35.18 Mbit/s
95th percentile per-packet one-way delay: 141.265 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2018-07-11 03:45:34

End at: 2018-07-11 03:46:04

Local clock offset: 0.063 ms

Remote clock offset: -0.13 ms

Below is generated by plot.py at 2018-07-11 08:41:59

Datalink statistics

-- Total of 3 flows:

Average throughput: 51.95 Mbit/s

95th percentile per-packet one-way delay: 138.398 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 25.69 Mbit/s

95th percentile per-packet one-way delay: 137.508 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 26.55 Mbit/s

95th percentile per-packet one-way delay: 138.571 ms

Loss rate: 0.00%

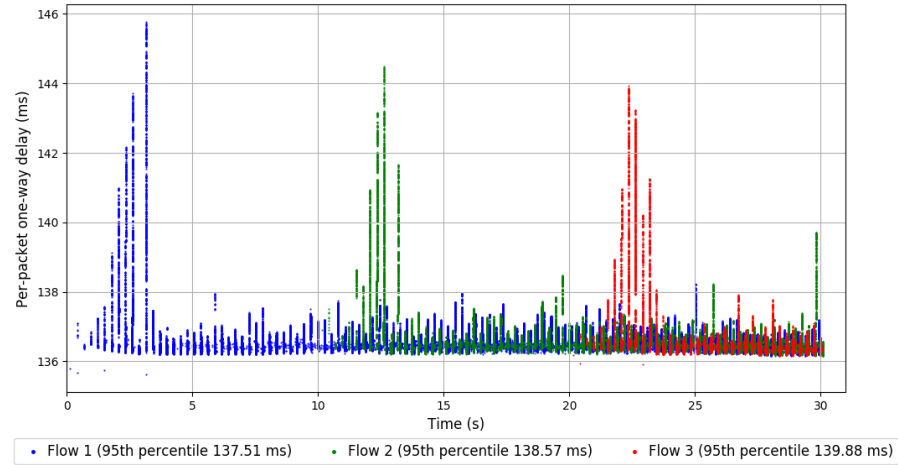
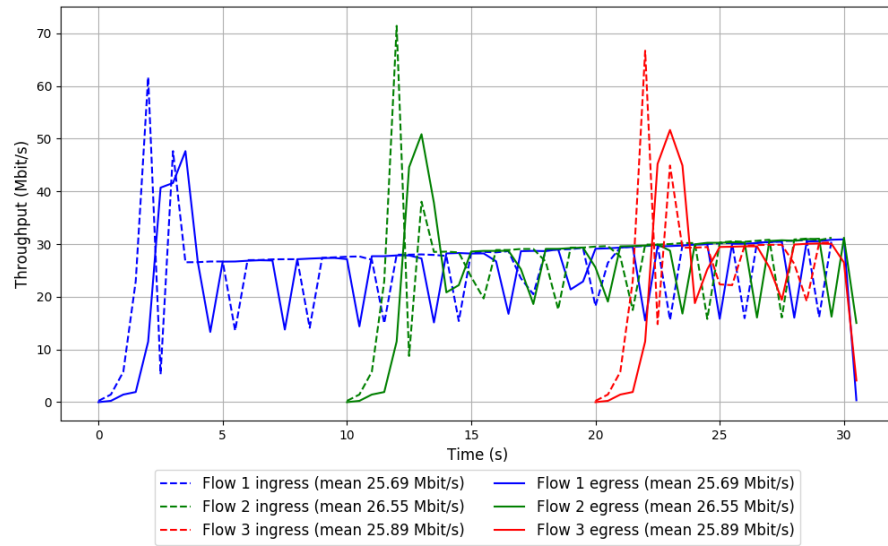
-- Flow 3:

Average throughput: 25.89 Mbit/s

95th percentile per-packet one-way delay: 139.881 ms

Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

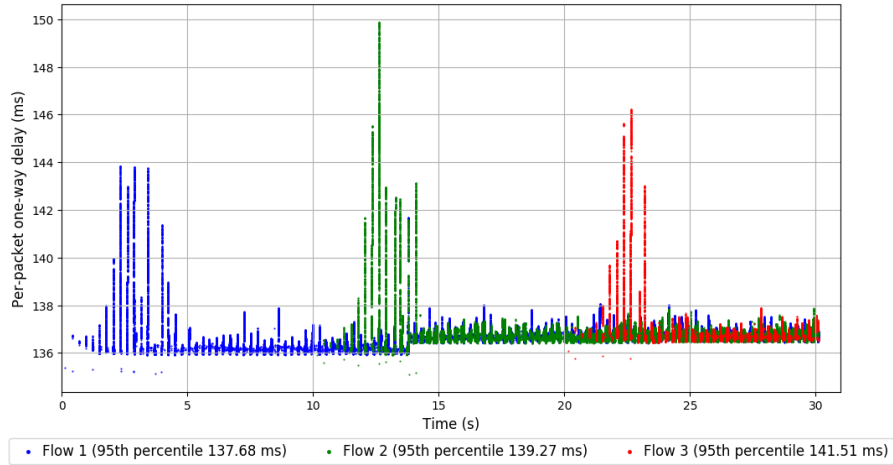
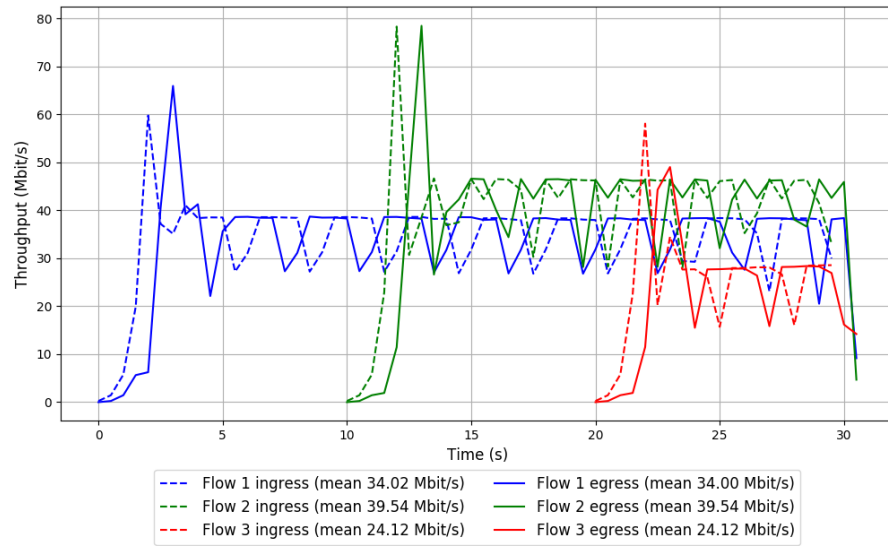


Run 6: Statistics of TCP Vegas

Start at: 2018-07-11 04:12:08
End at: 2018-07-11 04:12:38
Local clock offset: -0.156 ms
Remote clock offset: -0.056 ms

Below is generated by plot.py at 2018-07-11 08:41:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 68.34 Mbit/s
95th percentile per-packet one-way delay: 138.771 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 34.00 Mbit/s
95th percentile per-packet one-way delay: 137.679 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 39.54 Mbit/s
95th percentile per-packet one-way delay: 139.270 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.12 Mbit/s
95th percentile per-packet one-way delay: 141.508 ms
Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link

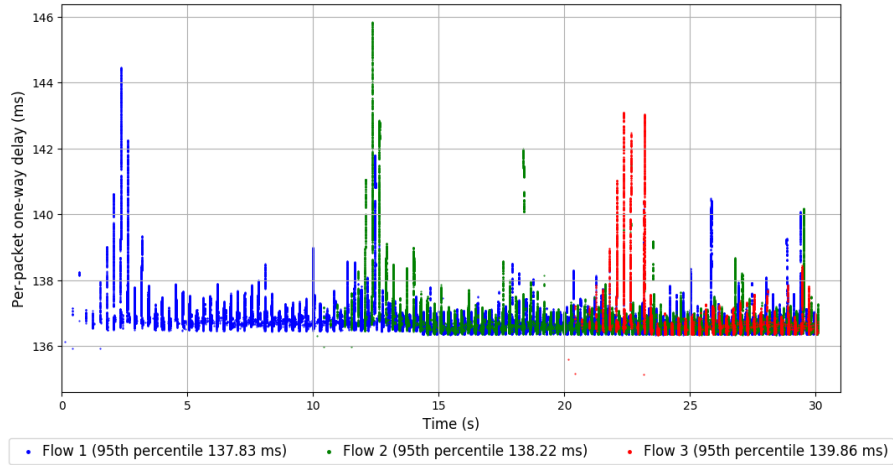
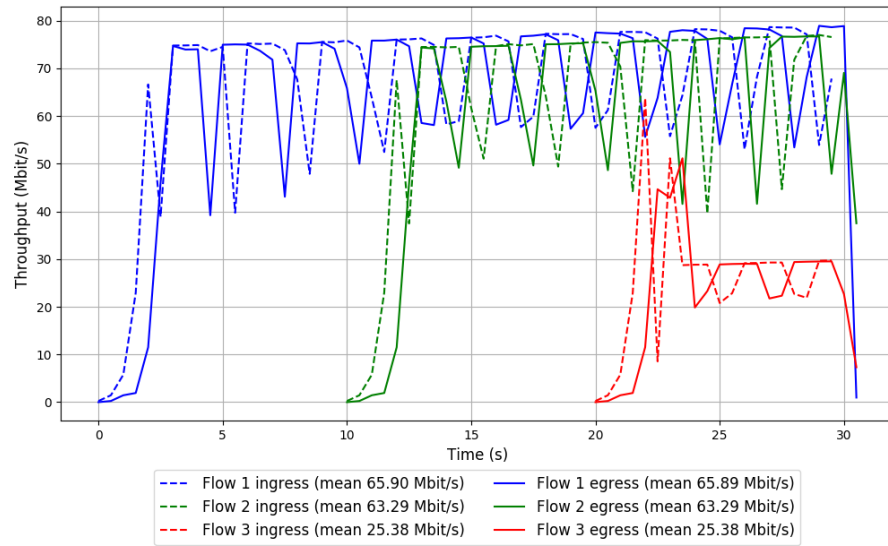


Run 7: Statistics of TCP Vegas

Start at: 2018-07-11 04:38:18
End at: 2018-07-11 04:38:48
Local clock offset: -0.084 ms
Remote clock offset: -0.063 ms

Below is generated by plot.py at 2018-07-11 08:41:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 116.39 Mbit/s
95th percentile per-packet one-way delay: 138.132 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 65.89 Mbit/s
95th percentile per-packet one-way delay: 137.827 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 63.29 Mbit/s
95th percentile per-packet one-way delay: 138.216 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 25.38 Mbit/s
95th percentile per-packet one-way delay: 139.863 ms
Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link

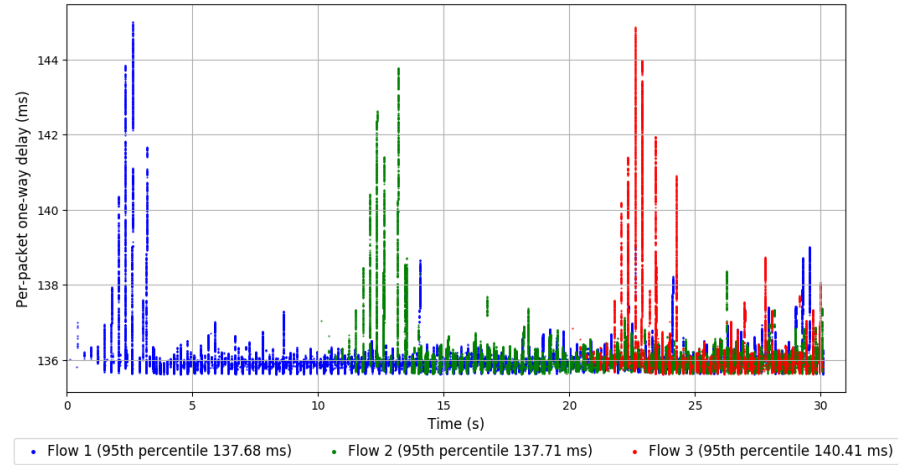
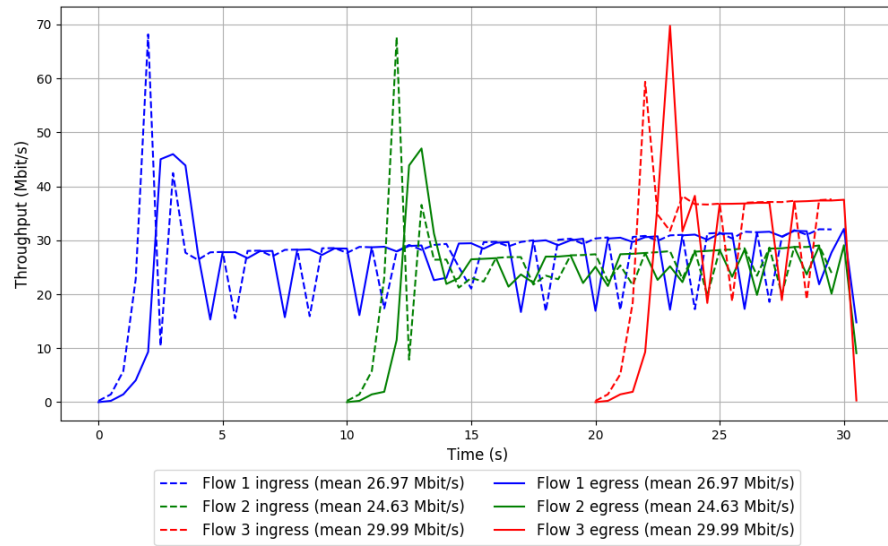


Run 8: Statistics of TCP Vegas

Start at: 2018-07-11 05:05:21
End at: 2018-07-11 05:05:51
Local clock offset: -0.0 ms
Remote clock offset: -0.041 ms

Below is generated by plot.py at 2018-07-11 08:41:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 53.35 Mbit/s
95th percentile per-packet one-way delay: 138.203 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 26.97 Mbit/s
95th percentile per-packet one-way delay: 137.682 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 24.63 Mbit/s
95th percentile per-packet one-way delay: 137.711 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.99 Mbit/s
95th percentile per-packet one-way delay: 140.408 ms
Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link

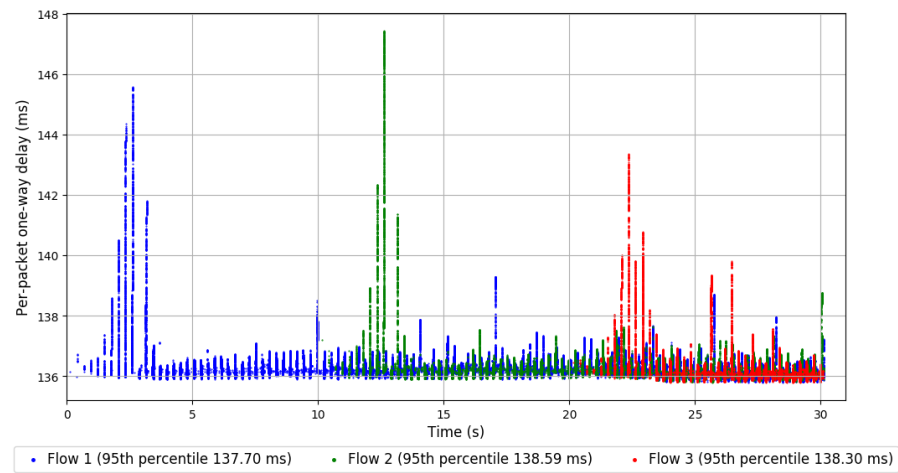
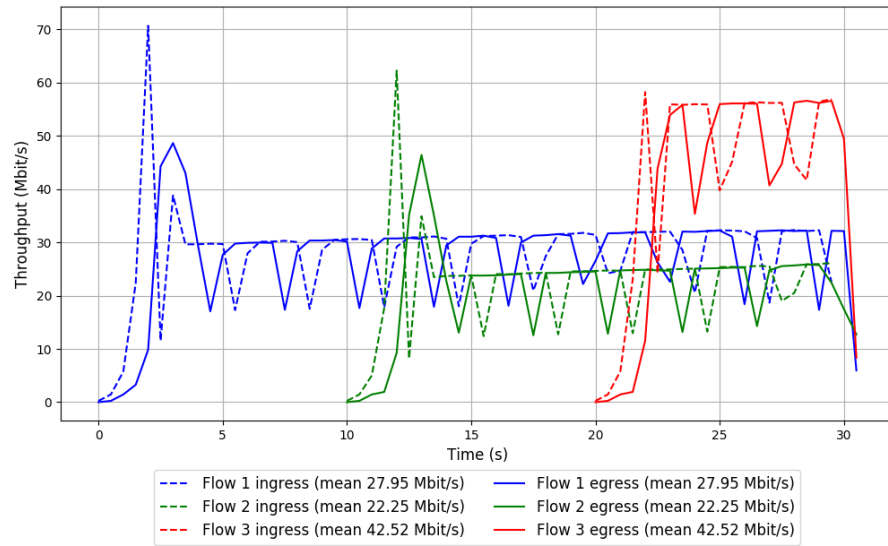


Run 9: Statistics of TCP Vegas

Start at: 2018-07-11 05:32:28
End at: 2018-07-11 05:32:58
Local clock offset: -0.165 ms
Remote clock offset: -0.043 ms

Below is generated by plot.py at 2018-07-11 08:41:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 56.87 Mbit/s
95th percentile per-packet one-way delay: 138.018 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 27.95 Mbit/s
95th percentile per-packet one-way delay: 137.702 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 22.25 Mbit/s
95th percentile per-packet one-way delay: 138.587 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 42.52 Mbit/s
95th percentile per-packet one-way delay: 138.301 ms
Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-07-11 05:59:29

End at: 2018-07-11 05:59:59

Local clock offset: -0.171 ms

Remote clock offset: 0.382 ms

Below is generated by plot.py at 2018-07-11 08:41:59

Datalink statistics

-- Total of 3 flows:

Average throughput: 53.24 Mbit/s

95th percentile per-packet one-way delay: 139.628 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 23.96 Mbit/s

95th percentile per-packet one-way delay: 138.436 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 26.63 Mbit/s

95th percentile per-packet one-way delay: 139.210 ms

Loss rate: 0.00%

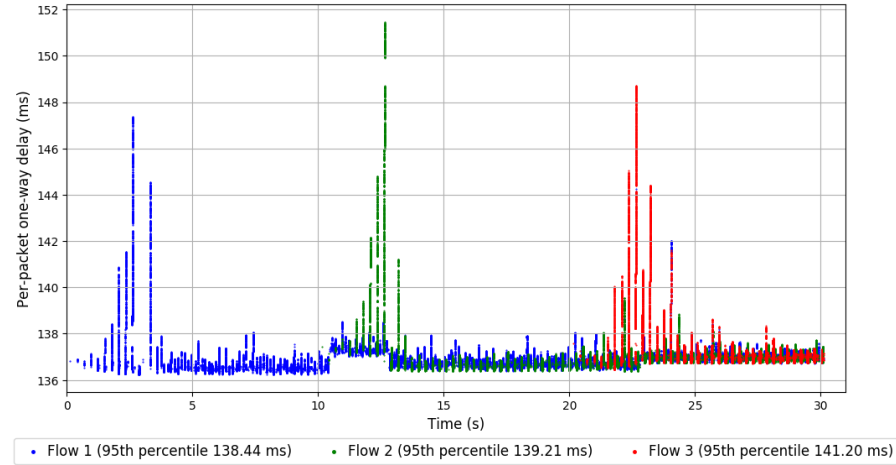
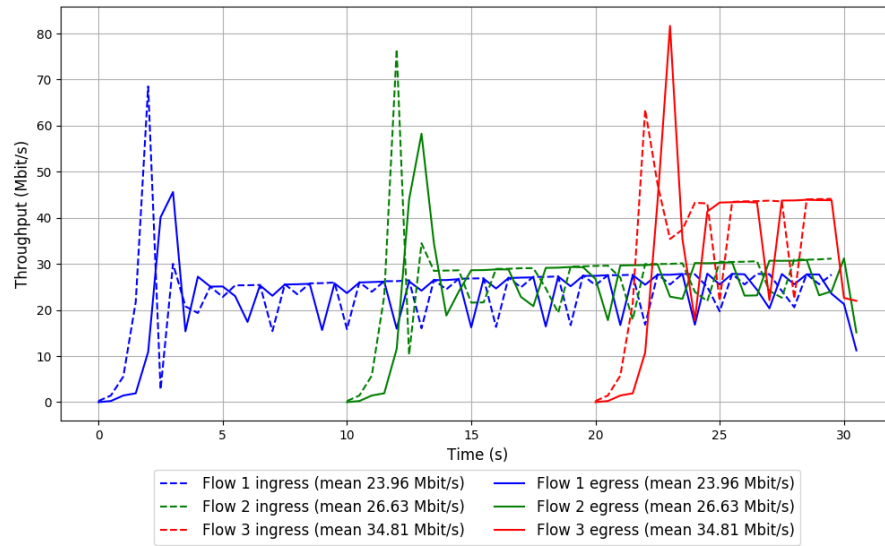
-- Flow 3:

Average throughput: 34.81 Mbit/s

95th percentile per-packet one-way delay: 141.198 ms

Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link

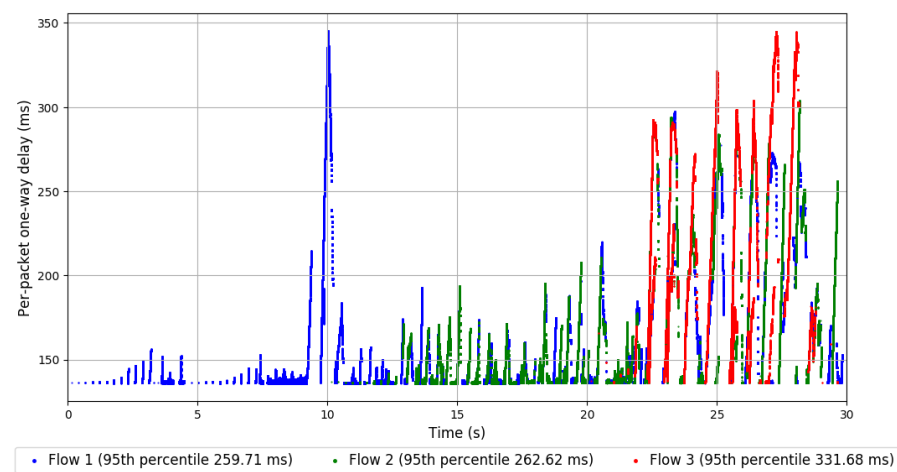
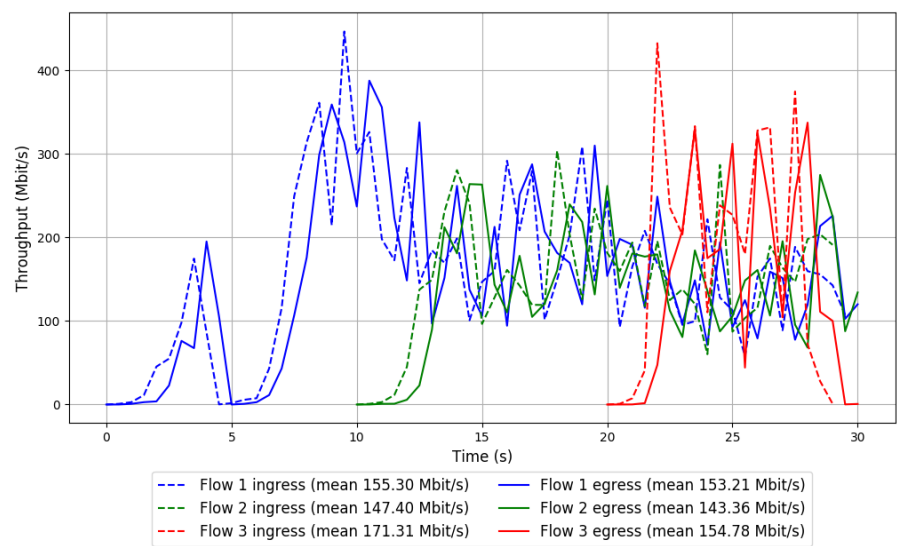


Run 1: Statistics of Verus

Start at: 2018-07-11 02:08:24
End at: 2018-07-11 02:08:54
Local clock offset: -0.303 ms
Remote clock offset: -0.149 ms

Below is generated by plot.py at 2018-07-11 08:44:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 296.79 Mbit/s
95th percentile per-packet one-way delay: 284.321 ms
Loss rate: 3.08%
-- Flow 1:
Average throughput: 153.21 Mbit/s
95th percentile per-packet one-way delay: 259.708 ms
Loss rate: 1.34%
-- Flow 2:
Average throughput: 143.36 Mbit/s
95th percentile per-packet one-way delay: 262.620 ms
Loss rate: 2.14%
-- Flow 3:
Average throughput: 154.78 Mbit/s
95th percentile per-packet one-way delay: 331.676 ms
Loss rate: 9.65%

Run 1: Report of Verus — Data Link

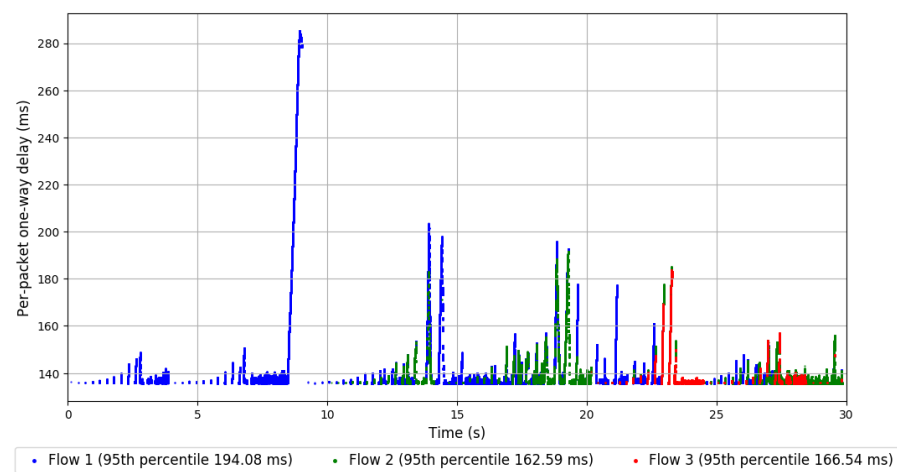
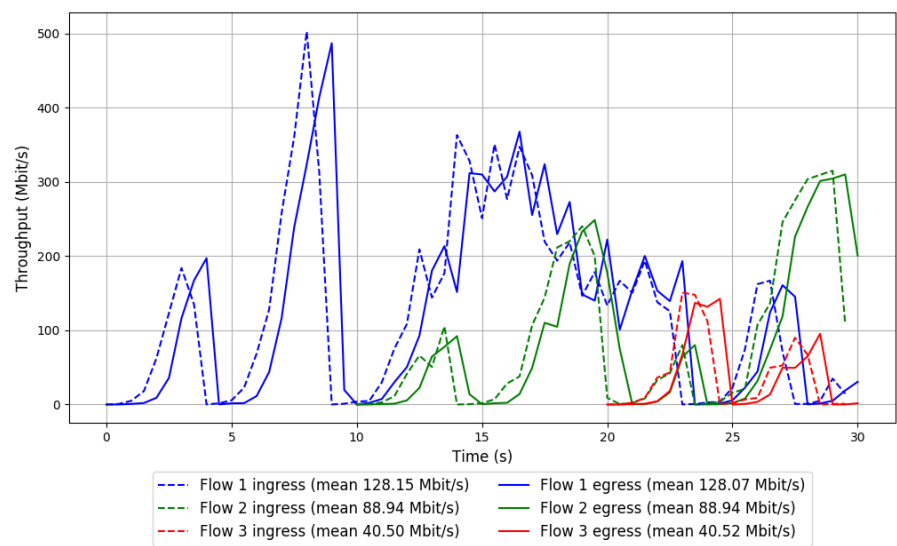


Run 2: Statistics of Verus

Start at: 2018-07-11 02:34:58
End at: 2018-07-11 02:35:28
Local clock offset: -0.014 ms
Remote clock offset: -0.098 ms

Below is generated by plot.py at 2018-07-11 08:44:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 200.10 Mbit/s
95th percentile per-packet one-way delay: 180.597 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 128.07 Mbit/s
95th percentile per-packet one-way delay: 194.081 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 88.94 Mbit/s
95th percentile per-packet one-way delay: 162.595 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 40.52 Mbit/s
95th percentile per-packet one-way delay: 166.545 ms
Loss rate: 0.00%

Run 2: Report of Verus — Data Link

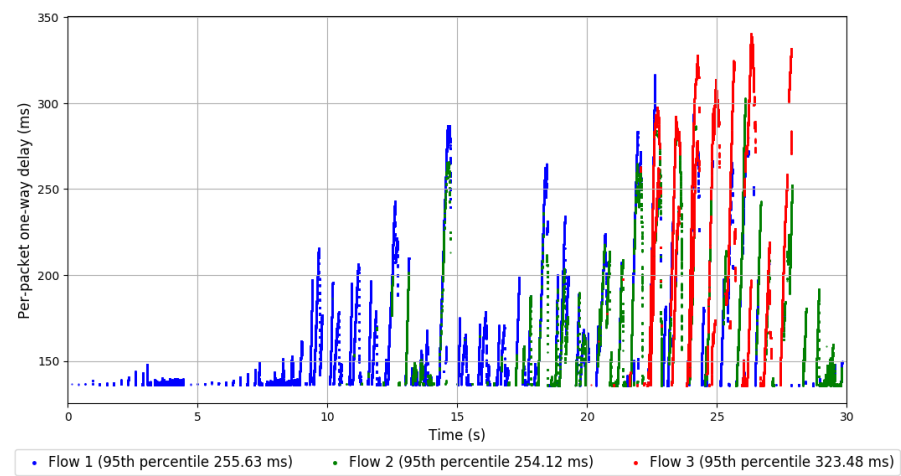
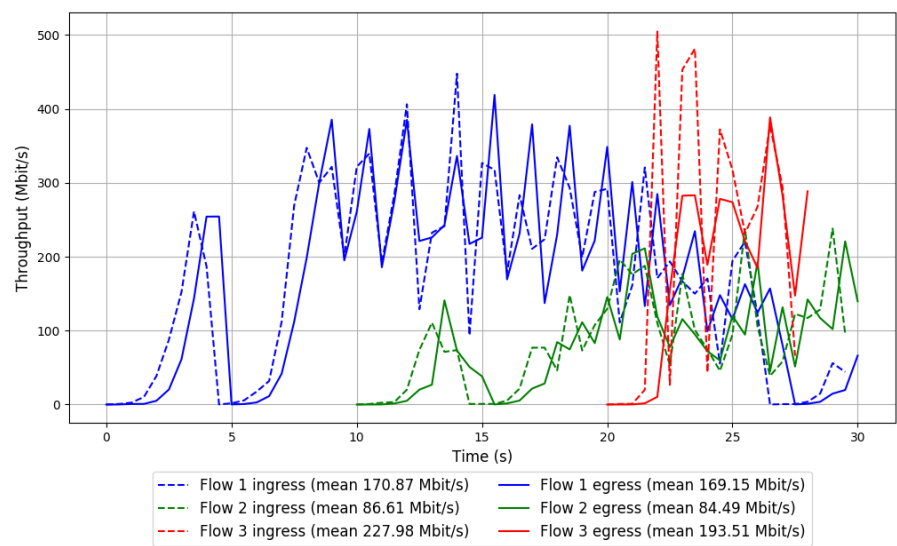


Run 3: Statistics of Verus

Start at: 2018-07-11 03:02:03
End at: 2018-07-11 03:02:33
Local clock offset: -0.014 ms
Remote clock offset: -0.097 ms

Below is generated by plot.py at 2018-07-11 08:44:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 275.31 Mbit/s
95th percentile per-packet one-way delay: 287.025 ms
Loss rate: 3.89%
-- Flow 1:
Average throughput: 169.15 Mbit/s
95th percentile per-packet one-way delay: 255.634 ms
Loss rate: 1.00%
-- Flow 2:
Average throughput: 84.49 Mbit/s
95th percentile per-packet one-way delay: 254.121 ms
Loss rate: 2.65%
-- Flow 3:
Average throughput: 193.51 Mbit/s
95th percentile per-packet one-way delay: 323.478 ms
Loss rate: 13.62%

Run 3: Report of Verus — Data Link

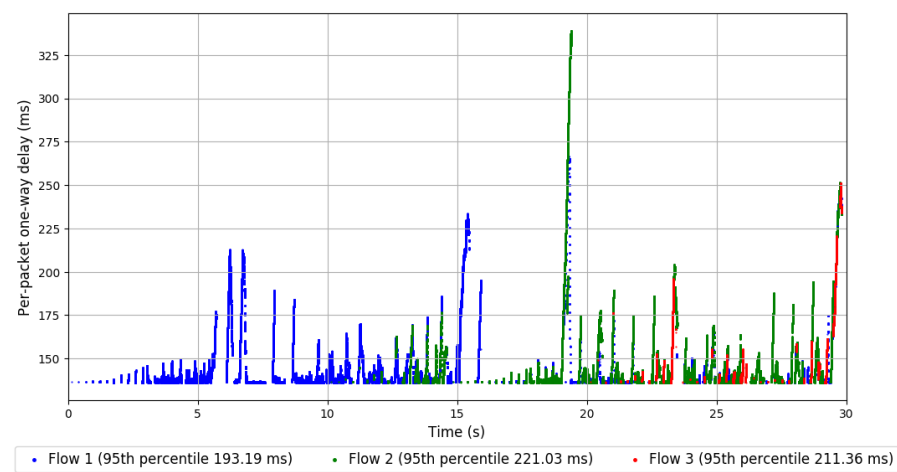
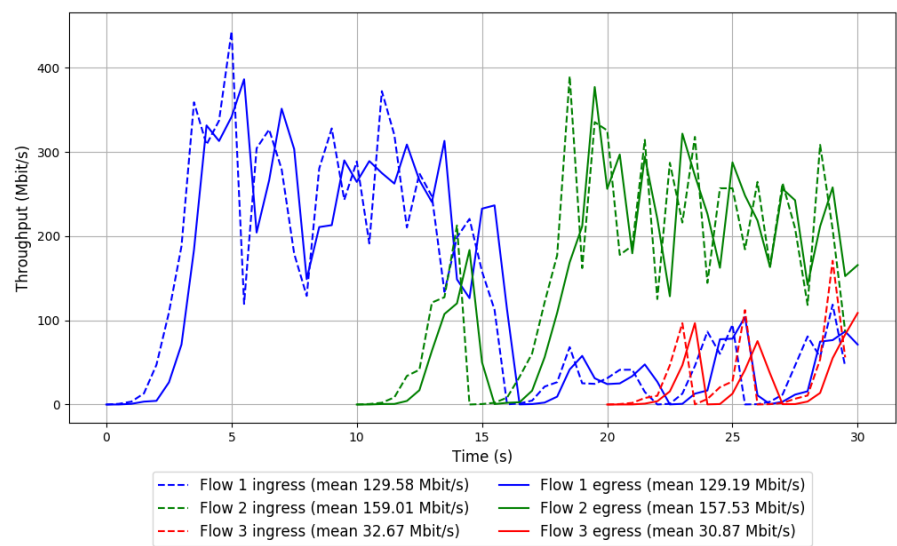


Run 4: Statistics of Verus

Start at: 2018-07-11 03:29:05
End at: 2018-07-11 03:29:35
Local clock offset: -0.055 ms
Remote clock offset: -0.11 ms

Below is generated by plot.py at 2018-07-11 08:44:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 243.62 Mbit/s
95th percentile per-packet one-way delay: 201.810 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 129.19 Mbit/s
95th percentile per-packet one-way delay: 193.191 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 157.53 Mbit/s
95th percentile per-packet one-way delay: 221.028 ms
Loss rate: 0.93%
-- Flow 3:
Average throughput: 30.87 Mbit/s
95th percentile per-packet one-way delay: 211.358 ms
Loss rate: 5.51%

Run 4: Report of Verus — Data Link

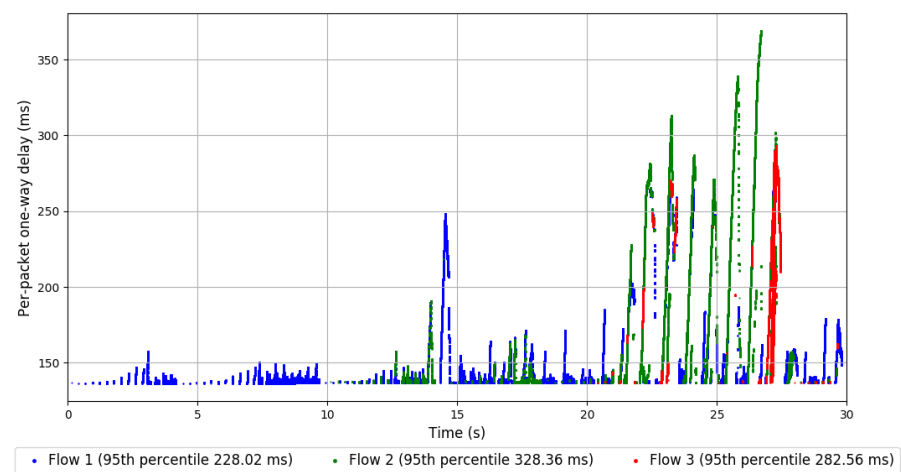
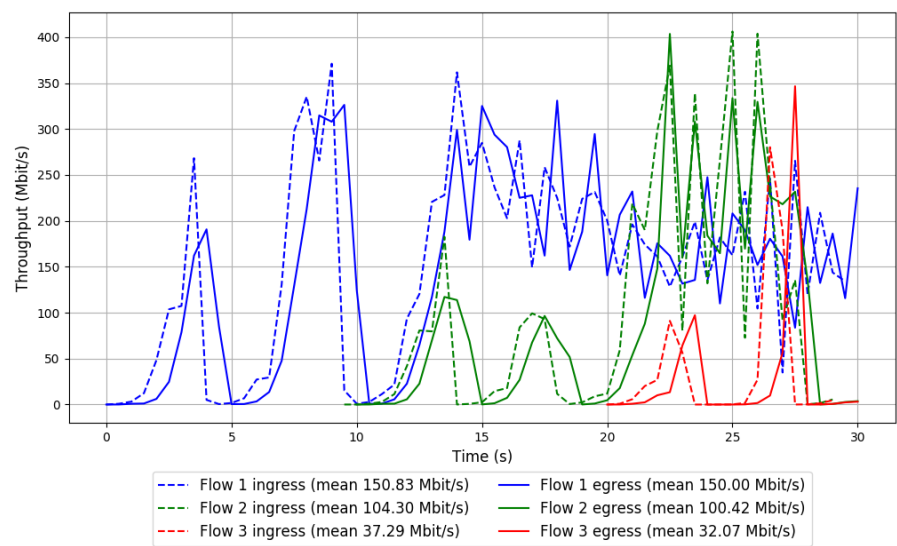


Run 5: Statistics of Verus

Start at: 2018-07-11 03:56:23
End at: 2018-07-11 03:56:53
Local clock offset: -0.299 ms
Remote clock offset: -0.106 ms

Below is generated by plot.py at 2018-07-11 08:44:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 226.14 Mbit/s
95th percentile per-packet one-way delay: 274.793 ms
Loss rate: 2.16%
-- Flow 1:
Average throughput: 150.00 Mbit/s
95th percentile per-packet one-way delay: 228.023 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 100.42 Mbit/s
95th percentile per-packet one-way delay: 328.364 ms
Loss rate: 3.68%
-- Flow 3:
Average throughput: 32.07 Mbit/s
95th percentile per-packet one-way delay: 282.559 ms
Loss rate: 13.77%

Run 5: Report of Verus — Data Link

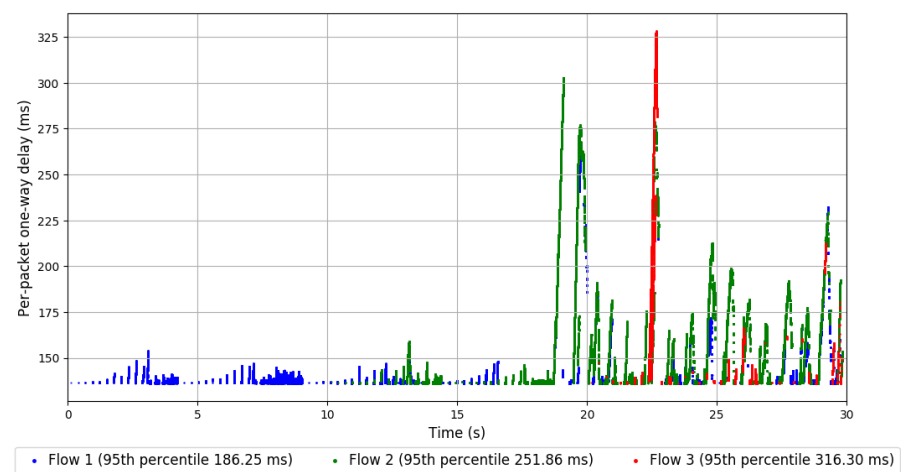
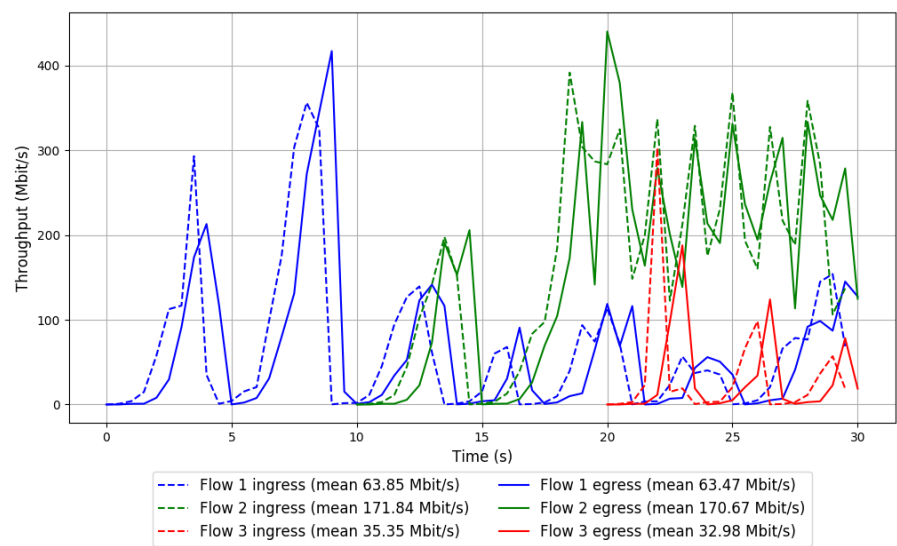


Run 6: Statistics of Verus

Start at: 2018-07-11 04:23:05
End at: 2018-07-11 04:23:35
Local clock offset: 0.098 ms
Remote clock offset: -0.032 ms

Below is generated by plot.py at 2018-07-11 08:44:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 187.31 Mbit/s
95th percentile per-packet one-way delay: 241.338 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 63.47 Mbit/s
95th percentile per-packet one-way delay: 186.250 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 170.67 Mbit/s
95th percentile per-packet one-way delay: 251.860 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 32.98 Mbit/s
95th percentile per-packet one-way delay: 316.297 ms
Loss rate: 6.74%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-07-11 04:49:17

End at: 2018-07-11 04:49:47

Local clock offset: -0.067 ms

Remote clock offset: -0.06 ms

Below is generated by plot.py at 2018-07-11 08:45:55

Datalink statistics

-- Total of 3 flows:

Average throughput: 277.40 Mbit/s

95th percentile per-packet one-way delay: 278.462 ms

Loss rate: 2.89%

-- Flow 1:

Average throughput: 192.29 Mbit/s

95th percentile per-packet one-way delay: 262.913 ms

Loss rate: 0.92%

-- Flow 2:

Average throughput: 101.88 Mbit/s

95th percentile per-packet one-way delay: 267.809 ms

Loss rate: 3.85%

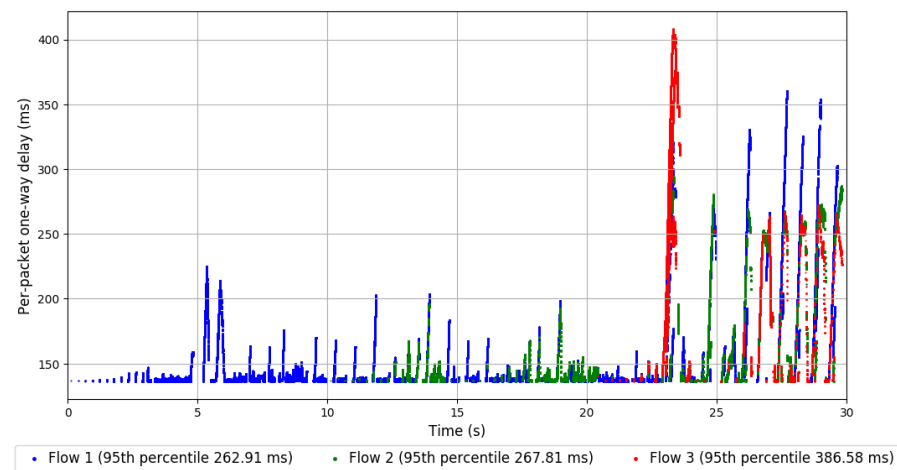
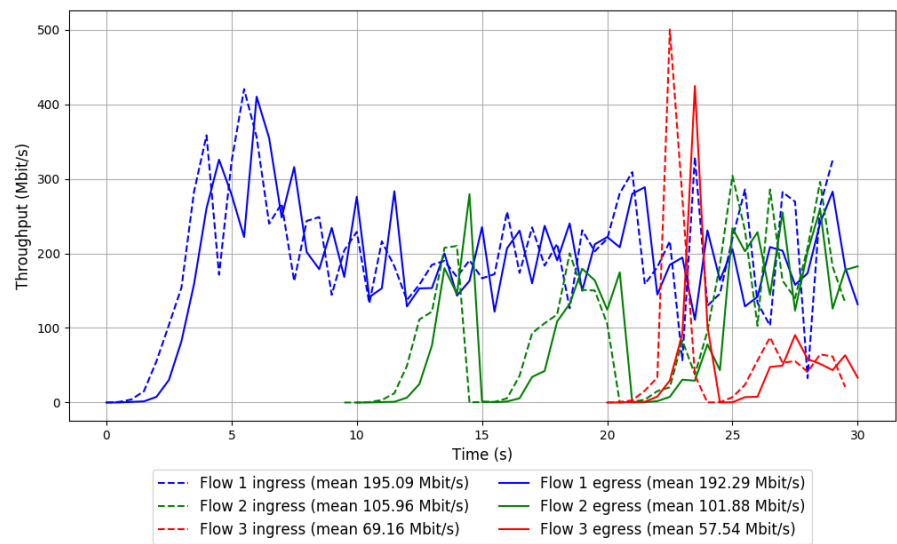
-- Flow 3:

Average throughput: 57.54 Mbit/s

95th percentile per-packet one-way delay: 386.583 ms

Loss rate: 16.79%

Run 7: Report of Verus — Data Link

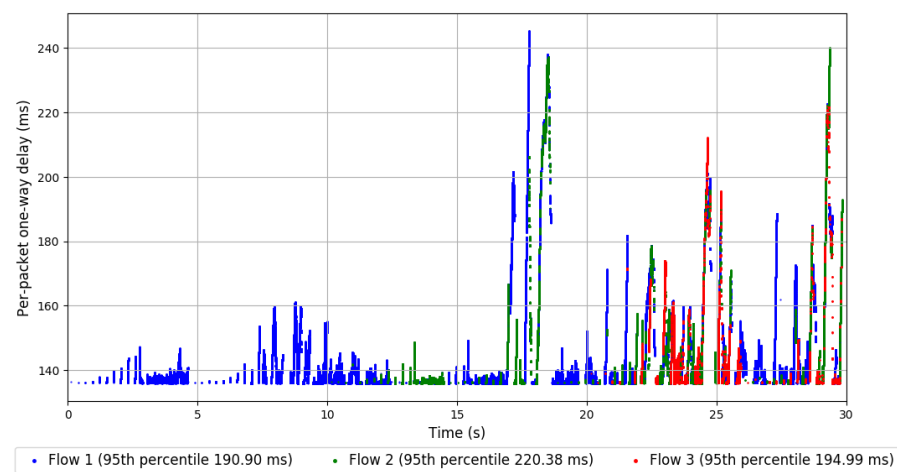
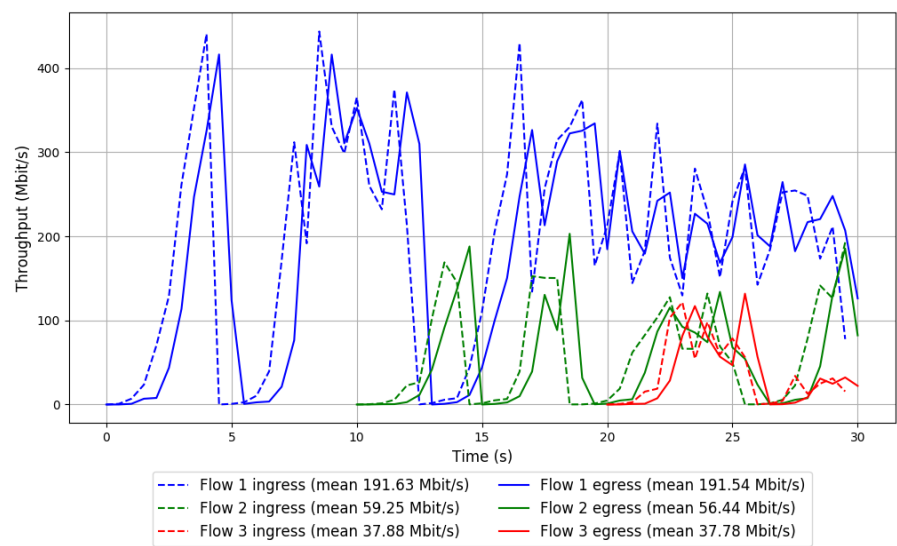


Run 8: Statistics of Verus

Start at: 2018-07-11 05:16:10
End at: 2018-07-11 05:16:40
Local clock offset: -0.17 ms
Remote clock offset: -0.047 ms

Below is generated by plot.py at 2018-07-11 08:46:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 241.05 Mbit/s
95th percentile per-packet one-way delay: 197.970 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 191.54 Mbit/s
95th percentile per-packet one-way delay: 190.901 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 56.44 Mbit/s
95th percentile per-packet one-way delay: 220.377 ms
Loss rate: 4.74%
-- Flow 3:
Average throughput: 37.78 Mbit/s
95th percentile per-packet one-way delay: 194.988 ms
Loss rate: 0.38%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2018-07-11 05:43:21

End at: 2018-07-11 05:43:51

Local clock offset: -0.071 ms

Remote clock offset: -0.07 ms

Below is generated by plot.py at 2018-07-11 08:46:29

Datalink statistics

-- Total of 3 flows:

Average throughput: 242.96 Mbit/s

95th percentile per-packet one-way delay: 245.435 ms

Loss rate: 1.10%

-- Flow 1:

Average throughput: 136.97 Mbit/s

95th percentile per-packet one-way delay: 212.083 ms

Loss rate: 0.65%

-- Flow 2:

Average throughput: 142.73 Mbit/s

95th percentile per-packet one-way delay: 258.938 ms

Loss rate: 0.80%

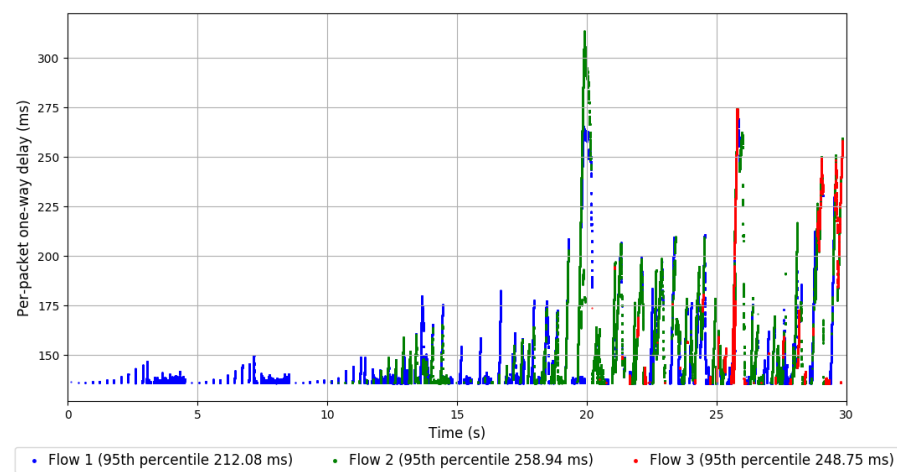
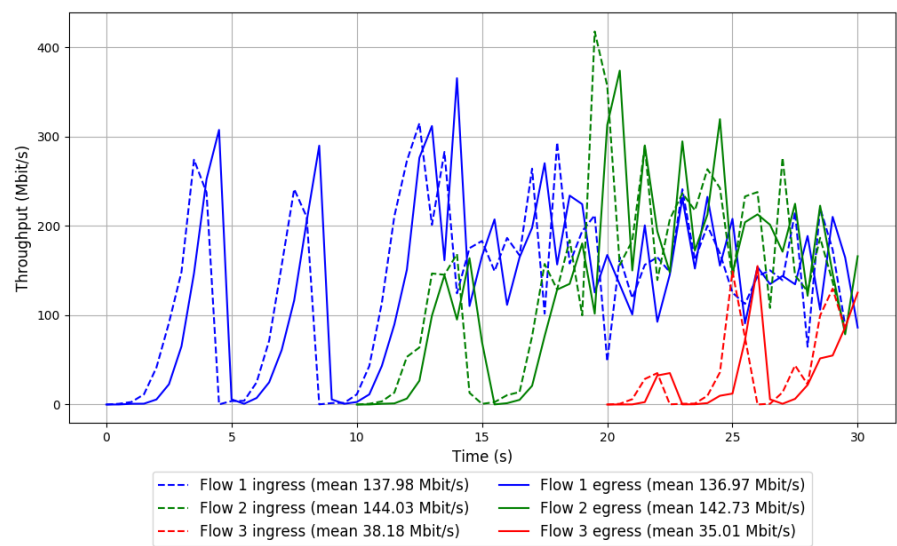
-- Flow 3:

Average throughput: 35.01 Mbit/s

95th percentile per-packet one-way delay: 248.750 ms

Loss rate: 8.45%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2018-07-11 06:10:23

End at: 2018-07-11 06:10:53

Local clock offset: 0.091 ms

Remote clock offset: -0.01 ms

Below is generated by plot.py at 2018-07-11 08:46:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 229.79 Mbit/s

95th percentile per-packet one-way delay: 271.905 ms

Loss rate: 3.79%

-- Flow 1:

Average throughput: 146.31 Mbit/s

95th percentile per-packet one-way delay: 263.126 ms

Loss rate: 2.38%

-- Flow 2:

Average throughput: 106.04 Mbit/s

95th percentile per-packet one-way delay: 296.291 ms

Loss rate: 5.89%

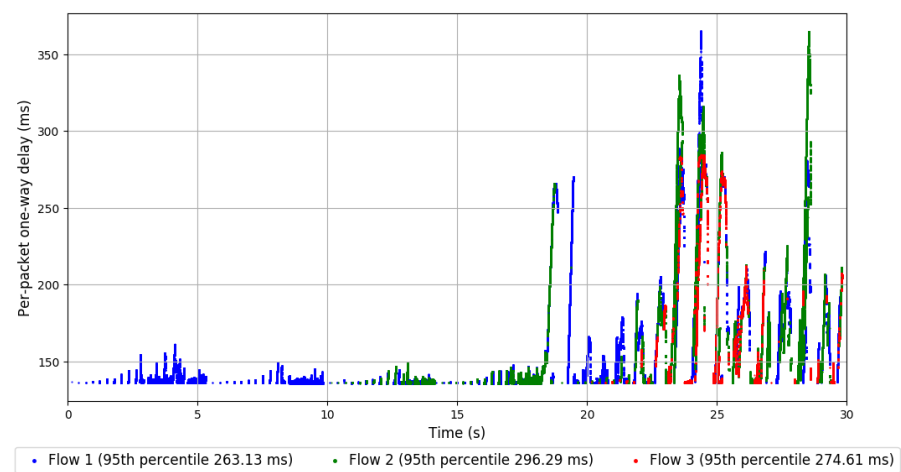
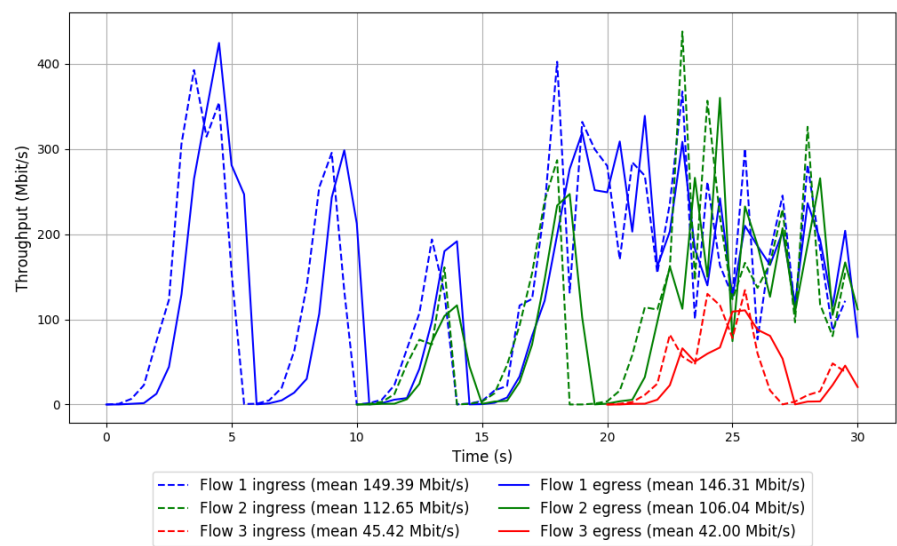
-- Flow 3:

Average throughput: 42.00 Mbit/s

95th percentile per-packet one-way delay: 274.606 ms

Loss rate: 7.49%

Run 10: Report of Verus — Data Link

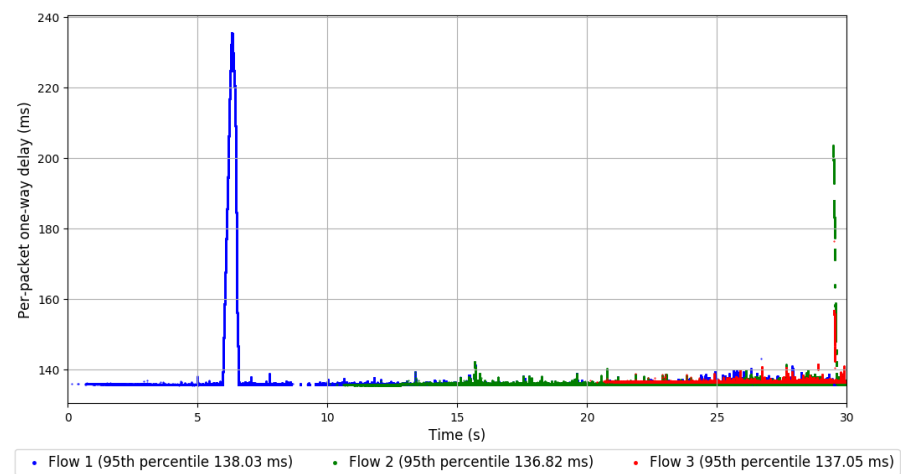
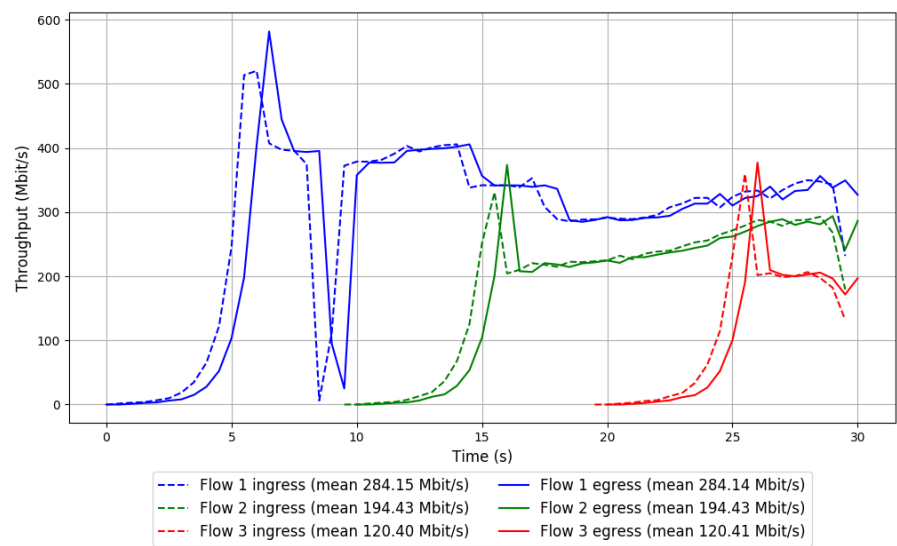


Run 1: Statistics of PCC-Vivace

Start at: 2018-07-11 02:00:29
End at: 2018-07-11 02:00:59
Local clock offset: -0.049 ms
Remote clock offset: -0.164 ms

Below is generated by plot.py at 2018-07-11 08:51:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 453.44 Mbit/s
95th percentile per-packet one-way delay: 137.337 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 284.14 Mbit/s
95th percentile per-packet one-way delay: 138.035 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 194.43 Mbit/s
95th percentile per-packet one-way delay: 136.820 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 120.41 Mbit/s
95th percentile per-packet one-way delay: 137.047 ms
Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link

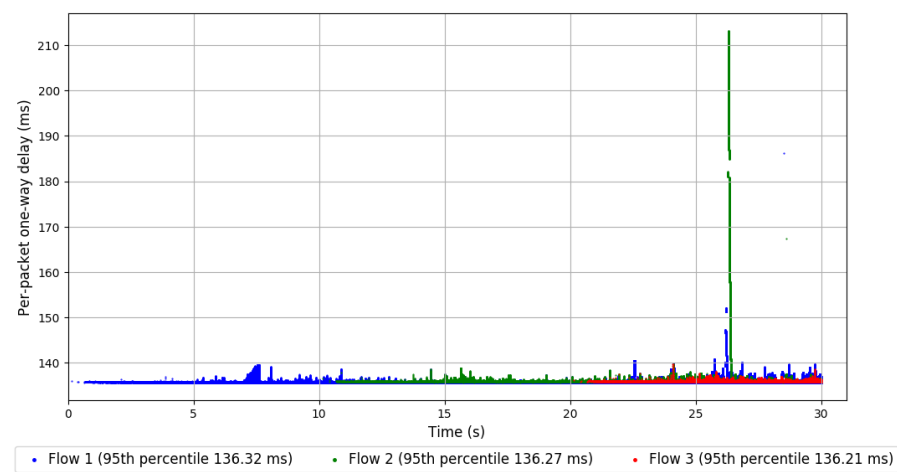
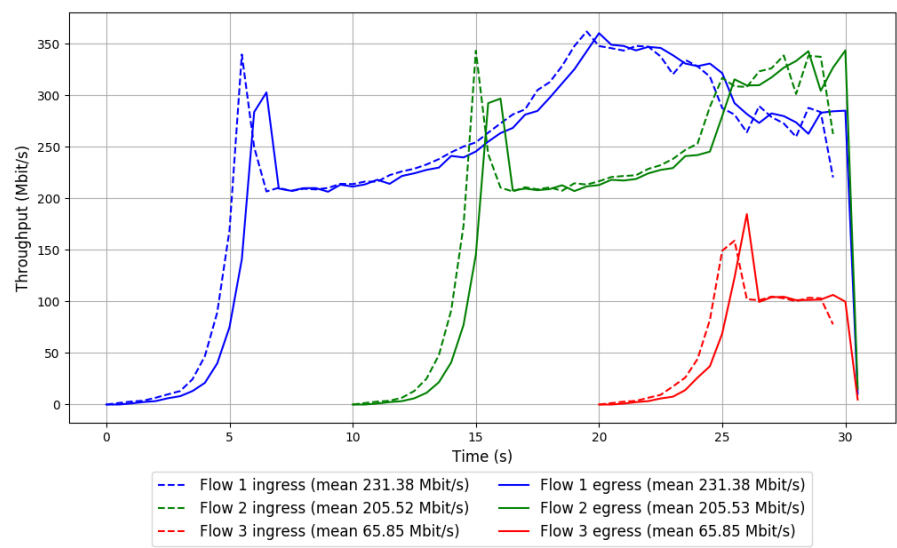


Run 2: Statistics of PCC-Vivace

Start at: 2018-07-11 02:27:08
End at: 2018-07-11 02:27:38
Local clock offset: -0.216 ms
Remote clock offset: -0.148 ms

Below is generated by plot.py at 2018-07-11 08:51:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 389.77 Mbit/s
95th percentile per-packet one-way delay: 136.290 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 231.38 Mbit/s
95th percentile per-packet one-way delay: 136.318 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 205.53 Mbit/s
95th percentile per-packet one-way delay: 136.267 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 65.85 Mbit/s
95th percentile per-packet one-way delay: 136.211 ms
Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link

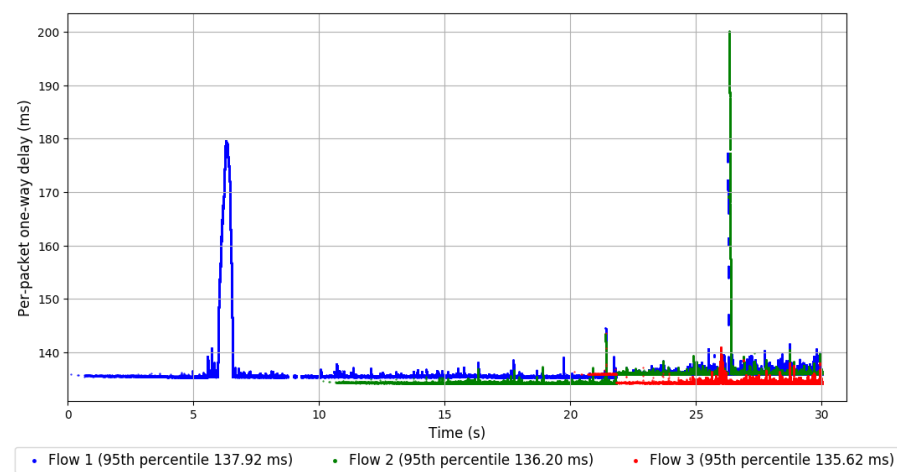
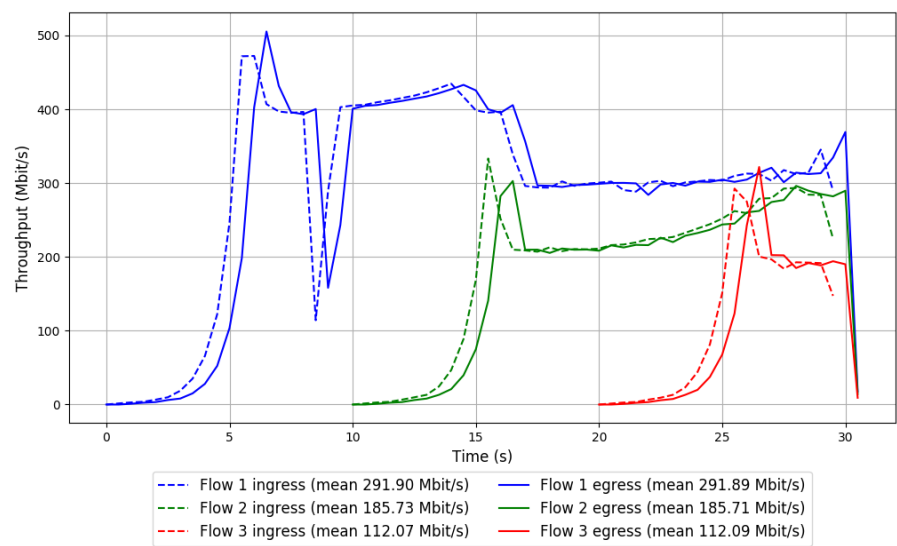


Run 3: Statistics of PCC-Vivace

Start at: 2018-07-11 02:54:10
End at: 2018-07-11 02:54:40
Local clock offset: -0.136 ms
Remote clock offset: -0.501 ms

Below is generated by plot.py at 2018-07-11 08:51:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 452.37 Mbit/s
95th percentile per-packet one-way delay: 137.123 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 291.89 Mbit/s
95th percentile per-packet one-way delay: 137.922 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 185.71 Mbit/s
95th percentile per-packet one-way delay: 136.199 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 112.09 Mbit/s
95th percentile per-packet one-way delay: 135.622 ms
Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link

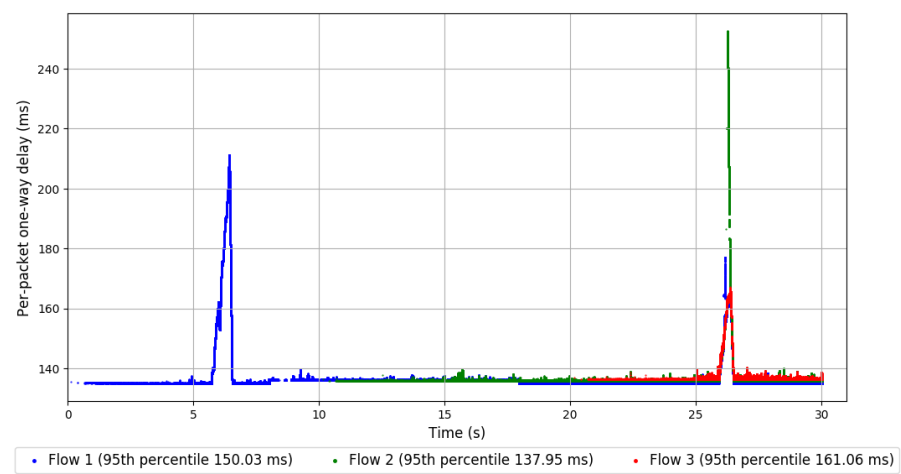
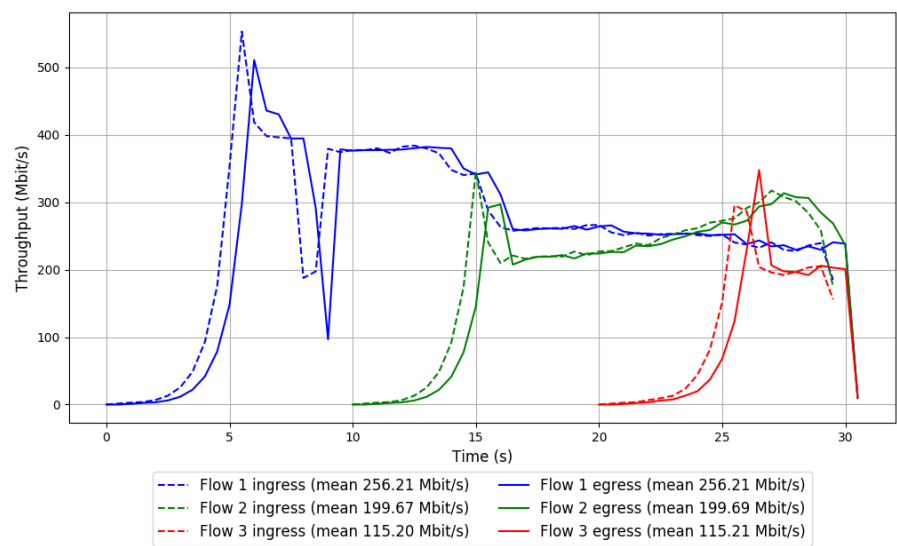


Run 4: Statistics of PCC-Vivace

Start at: 2018-07-11 03:21:14
End at: 2018-07-11 03:21:44
Local clock offset: -0.192 ms
Remote clock offset: -0.129 ms

Below is generated by plot.py at 2018-07-11 08:51:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 426.99 Mbit/s
95th percentile per-packet one-way delay: 148.036 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 256.21 Mbit/s
95th percentile per-packet one-way delay: 150.032 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 199.69 Mbit/s
95th percentile per-packet one-way delay: 137.952 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 115.21 Mbit/s
95th percentile per-packet one-way delay: 161.062 ms
Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link

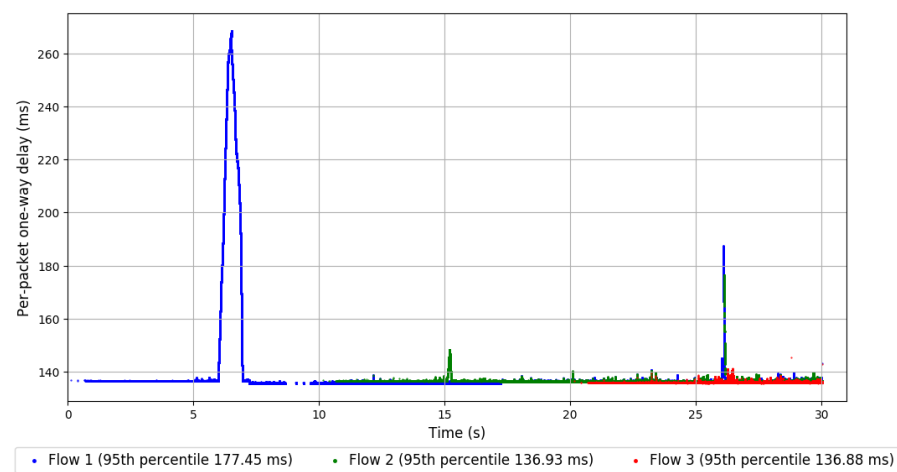
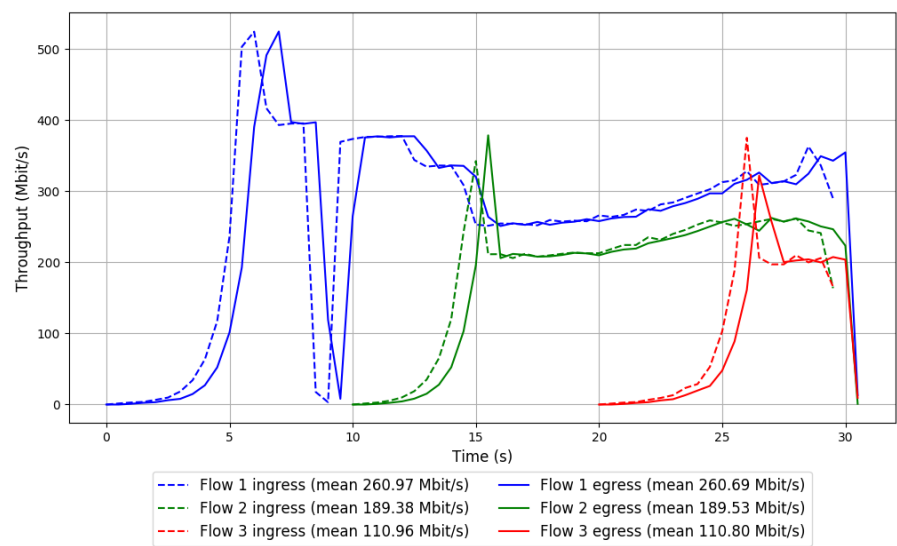


Run 5: Statistics of PCC-Vivace

Start at: 2018-07-11 03:48:35
End at: 2018-07-11 03:49:05
Local clock offset: -0.089 ms
Remote clock offset: -0.108 ms

Below is generated by plot.py at 2018-07-11 08:53:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 423.25 Mbit/s
95th percentile per-packet one-way delay: 138.451 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 260.69 Mbit/s
95th percentile per-packet one-way delay: 177.450 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 189.53 Mbit/s
95th percentile per-packet one-way delay: 136.928 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 110.80 Mbit/s
95th percentile per-packet one-way delay: 136.885 ms
Loss rate: 0.31%

Run 5: Report of PCC-Vivace — Data Link



Run 6: Statistics of PCC-Vivace

Start at: 2018-07-11 04:15:09

End at: 2018-07-11 04:15:39

Local clock offset: -0.054 ms

Remote clock offset: 0.275 ms

Below is generated by plot.py at 2018-07-11 08:54:11

Datalink statistics

-- Total of 3 flows:

Average throughput: 495.79 Mbit/s

95th percentile per-packet one-way delay: 148.142 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 294.42 Mbit/s

95th percentile per-packet one-way delay: 141.106 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 244.71 Mbit/s

95th percentile per-packet one-way delay: 200.370 ms

Loss rate: 0.03%

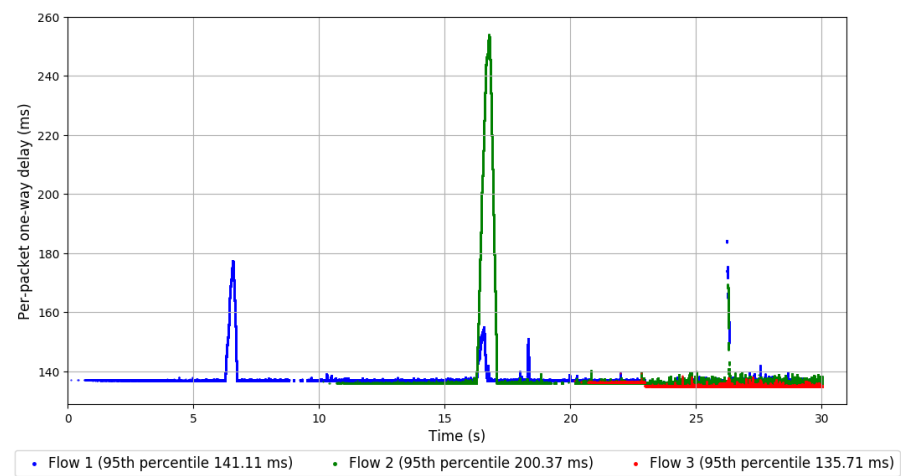
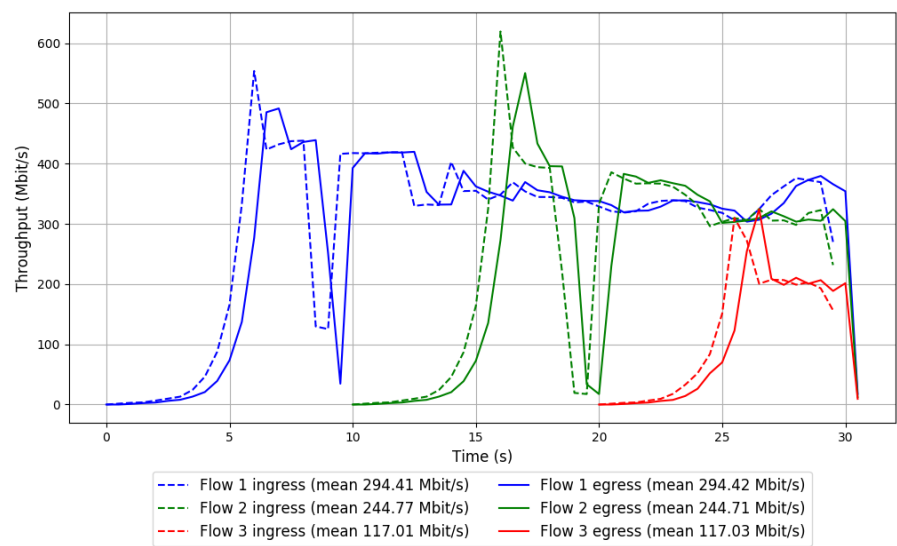
-- Flow 3:

Average throughput: 117.03 Mbit/s

95th percentile per-packet one-way delay: 135.705 ms

Loss rate: 0.00%

Run 6: Report of PCC-Vivace — Data Link



Run 7: Statistics of PCC-Vivace

Start at: 2018-07-11 04:41:20

End at: 2018-07-11 04:41:50

Local clock offset: -0.12 ms

Remote clock offset: -0.02 ms

Below is generated by plot.py at 2018-07-11 08:54:11

Datalink statistics

-- Total of 3 flows:

Average throughput: 485.99 Mbit/s

95th percentile per-packet one-way delay: 141.981 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 262.81 Mbit/s

95th percentile per-packet one-way delay: 137.468 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 239.07 Mbit/s

95th percentile per-packet one-way delay: 156.366 ms

Loss rate: 0.00%

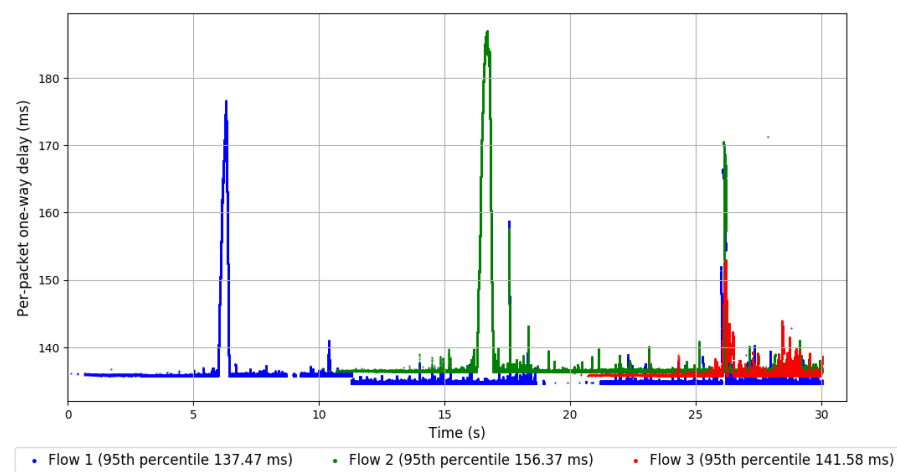
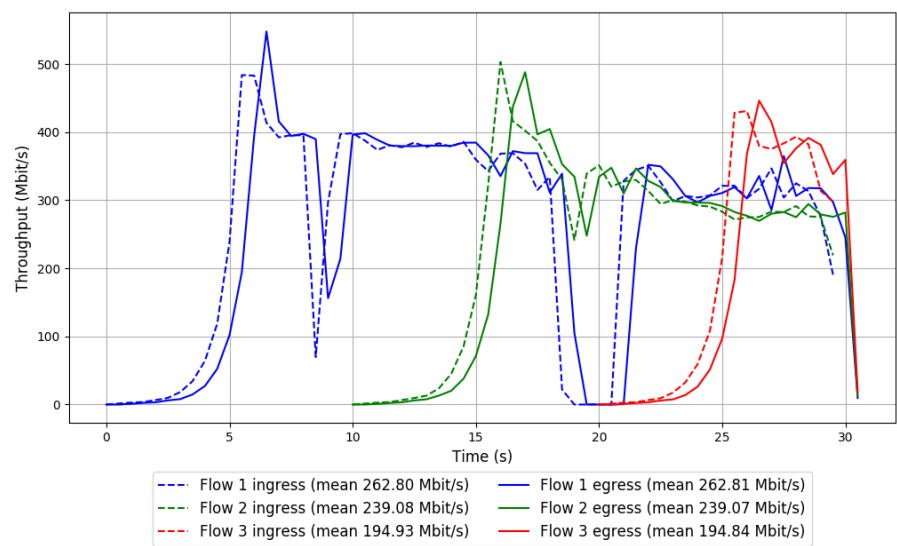
-- Flow 3:

Average throughput: 194.84 Mbit/s

95th percentile per-packet one-way delay: 141.578 ms

Loss rate: 0.05%

Run 7: Report of PCC-Vivace — Data Link

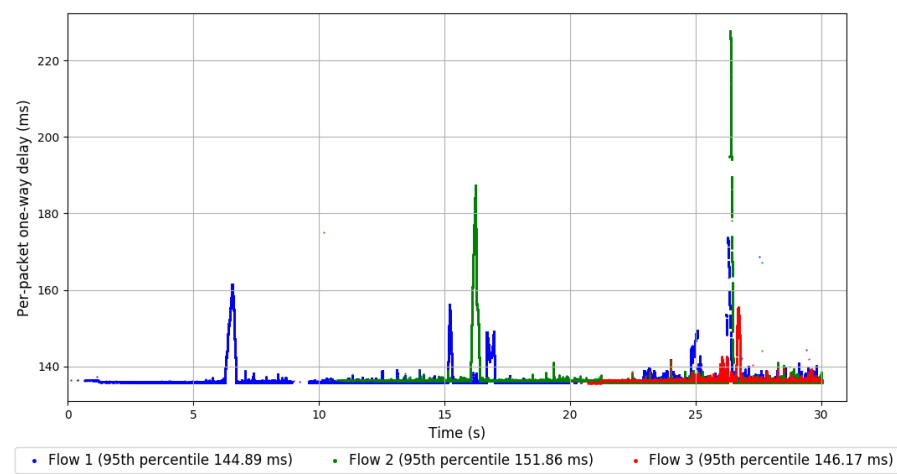
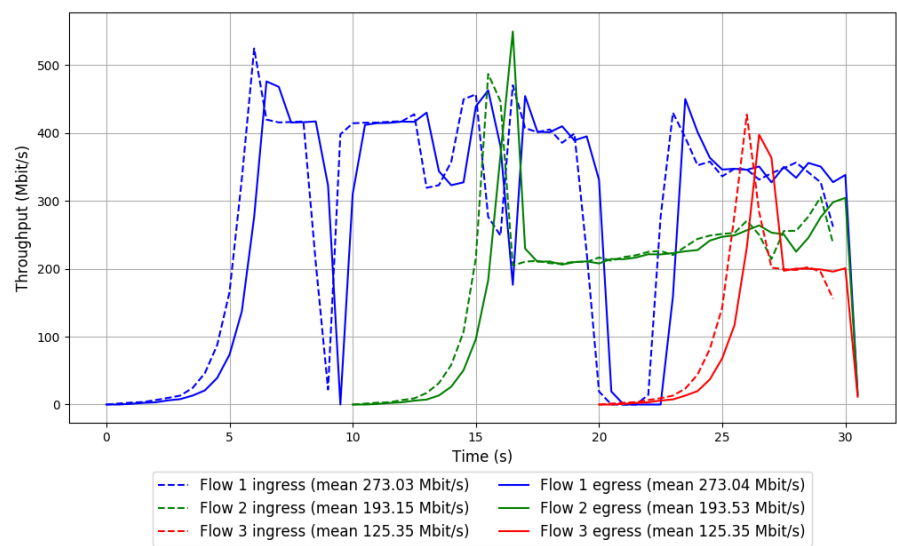


Run 8: Statistics of PCC-Vivace

Start at: 2018-07-11 05:08:21
End at: 2018-07-11 05:08:51
Local clock offset: -0.006 ms
Remote clock offset: -0.036 ms

Below is generated by plot.py at 2018-07-11 08:54:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 442.84 Mbit/s
95th percentile per-packet one-way delay: 145.445 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 273.04 Mbit/s
95th percentile per-packet one-way delay: 144.890 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 193.53 Mbit/s
95th percentile per-packet one-way delay: 151.864 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 125.35 Mbit/s
95th percentile per-packet one-way delay: 146.174 ms
Loss rate: 0.00%

Run 8: Report of PCC-Vivace — Data Link

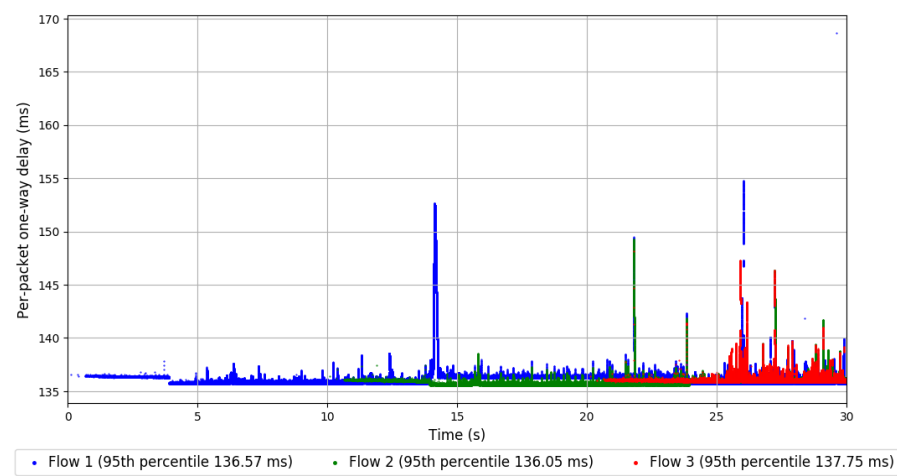
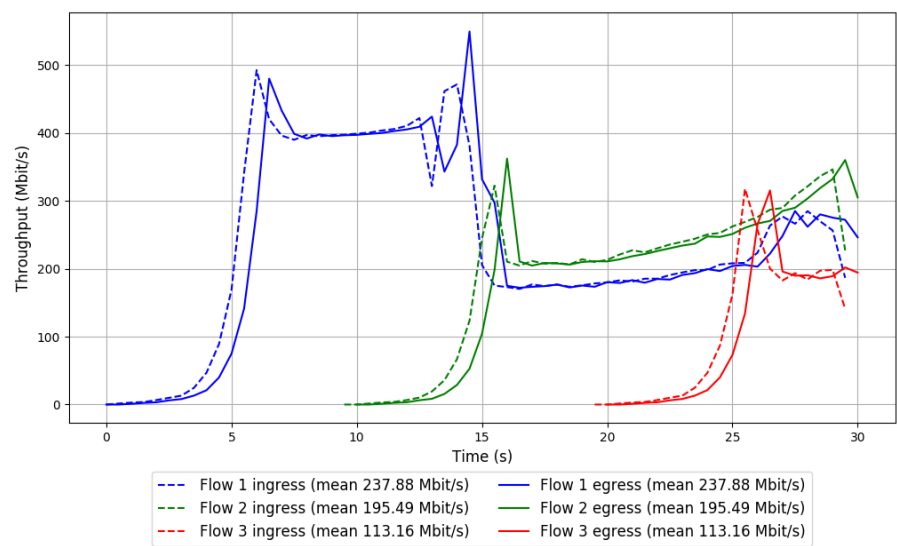


Run 9: Statistics of PCC-Vivace

Start at: 2018-07-11 05:35:28
End at: 2018-07-11 05:35:58
Local clock offset: -0.096 ms
Remote clock offset: -0.025 ms

Below is generated by plot.py at 2018-07-11 08:54:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 405.46 Mbit/s
95th percentile per-packet one-way delay: 136.505 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 237.88 Mbit/s
95th percentile per-packet one-way delay: 136.574 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 195.49 Mbit/s
95th percentile per-packet one-way delay: 136.047 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 113.16 Mbit/s
95th percentile per-packet one-way delay: 137.753 ms
Loss rate: 0.00%

Run 9: Report of PCC-Vivace — Data Link

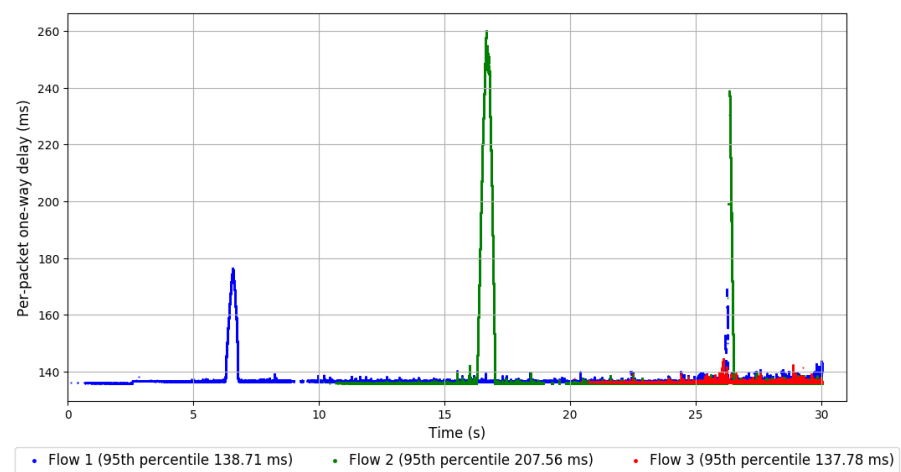
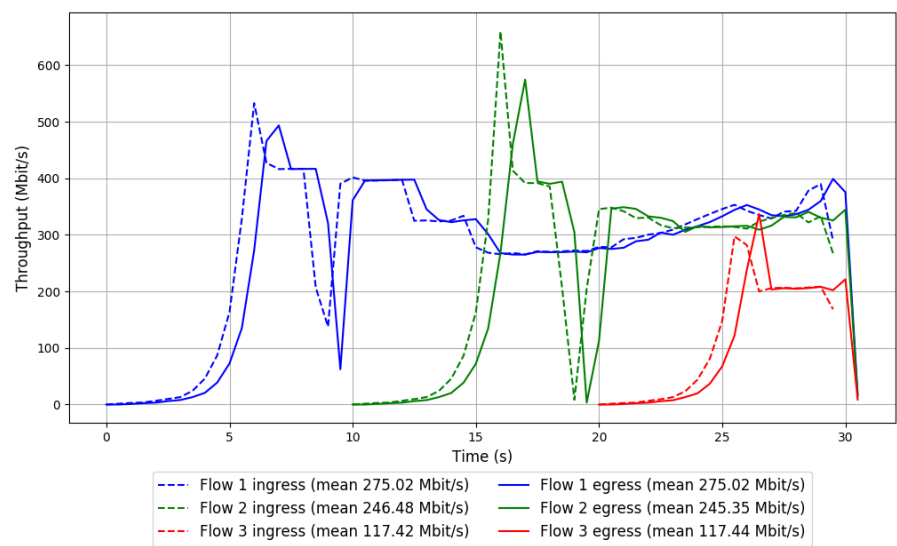


Run 10: Statistics of PCC-Vivace

Start at: 2018-07-11 06:02:29
End at: 2018-07-11 06:02:59
Local clock offset: -0.118 ms
Remote clock offset: -0.034 ms

Below is generated by plot.py at 2018-07-11 08:54:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 476.87 Mbit/s
95th percentile per-packet one-way delay: 146.167 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 275.02 Mbit/s
95th percentile per-packet one-way delay: 138.711 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 245.35 Mbit/s
95th percentile per-packet one-way delay: 207.561 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 117.44 Mbit/s
95th percentile per-packet one-way delay: 137.785 ms
Loss rate: 0.00%

Run 10: Report of PCC-Vivace — Data Link

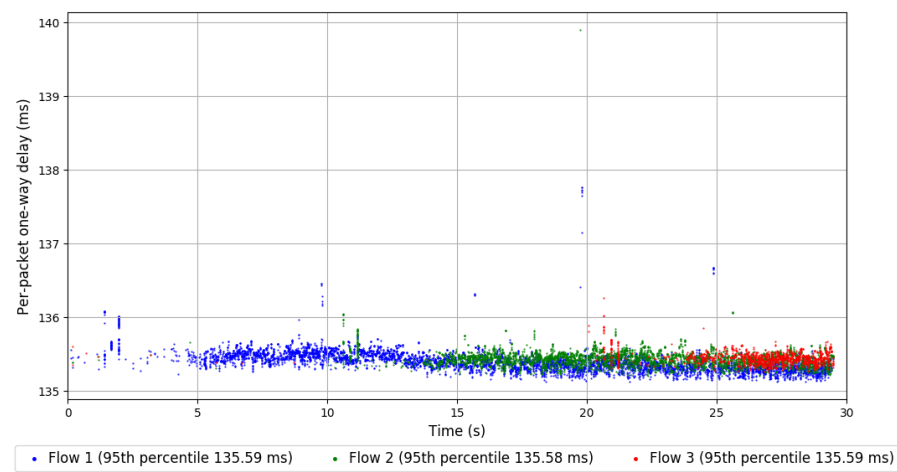
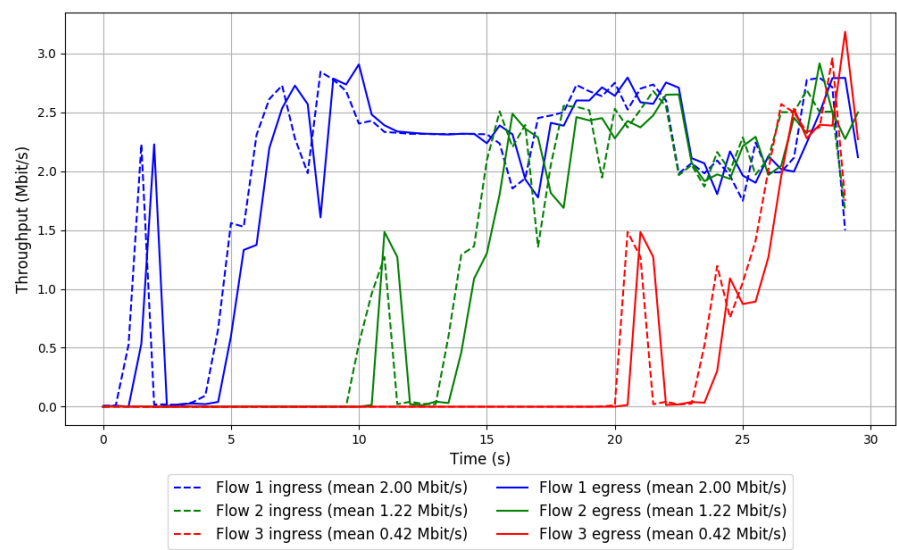


Run 1: Statistics of WebRTC media

Start at: 2018-07-11 02:03:38
End at: 2018-07-11 02:04:08
Local clock offset: -0.005 ms
Remote clock offset: -0.518 ms

Below is generated by plot.py at 2018-07-11 08:54:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.64 Mbit/s
95th percentile per-packet one-way delay: 135.585 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 135.585 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.22 Mbit/s
95th percentile per-packet one-way delay: 135.584 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 135.590 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

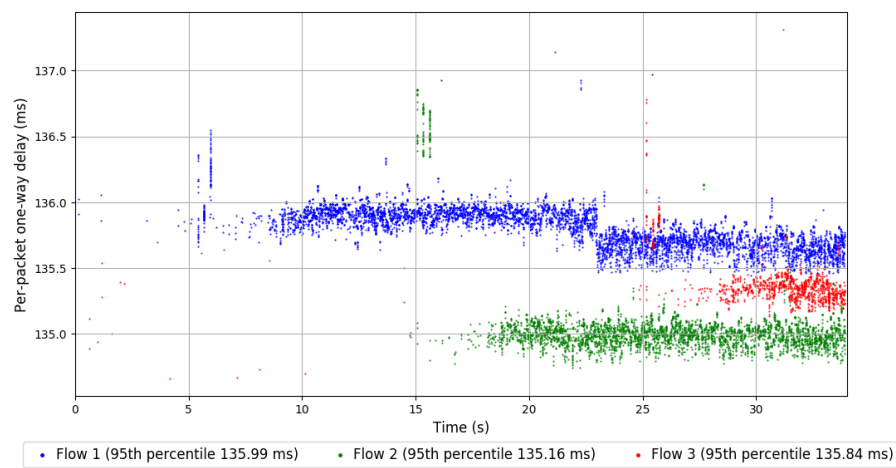
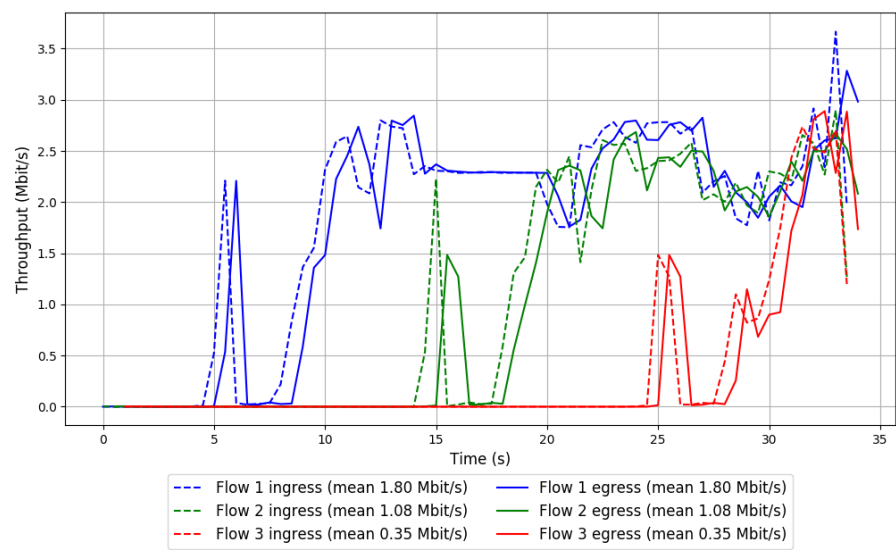


Run 2: Statistics of WebRTC media

Start at: 2018-07-11 02:30:13
End at: 2018-07-11 02:30:43
Local clock offset: 0.096 ms
Remote clock offset: -0.093 ms

Below is generated by plot.py at 2018-07-11 08:54:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.20 Mbit/s
95th percentile per-packet one-way delay: 135.980 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.80 Mbit/s
95th percentile per-packet one-way delay: 135.993 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.08 Mbit/s
95th percentile per-packet one-way delay: 135.159 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 135.836 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

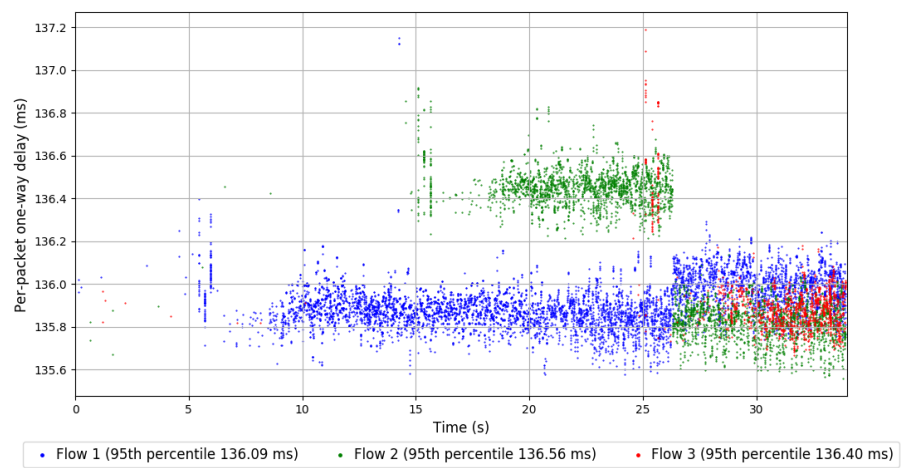
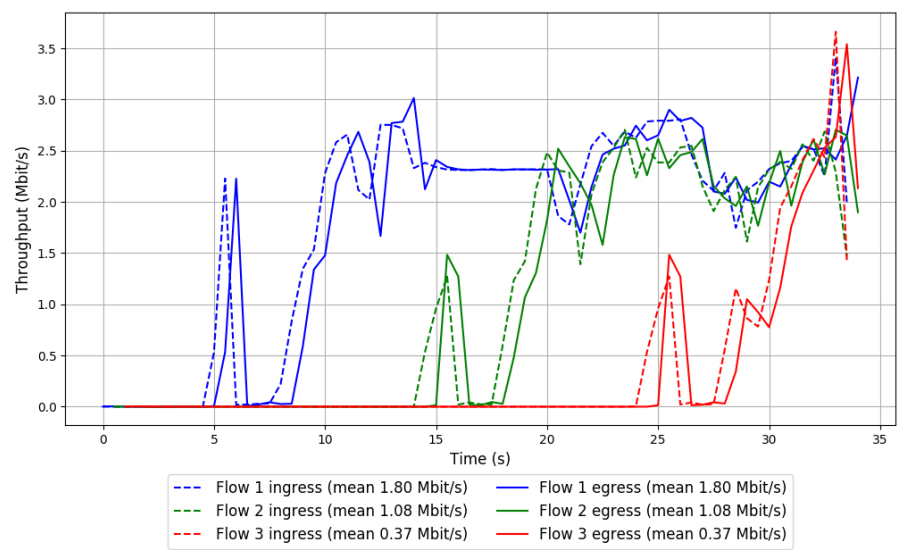


Run 3: Statistics of WebRTC media

Start at: 2018-07-11 02:57:19
End at: 2018-07-11 02:57:49
Local clock offset: 0.092 ms
Remote clock offset: -0.115 ms

Below is generated by plot.py at 2018-07-11 08:54:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.22 Mbit/s
95th percentile per-packet one-way delay: 136.492 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.80 Mbit/s
95th percentile per-packet one-way delay: 136.090 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.08 Mbit/s
95th percentile per-packet one-way delay: 136.561 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 136.399 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

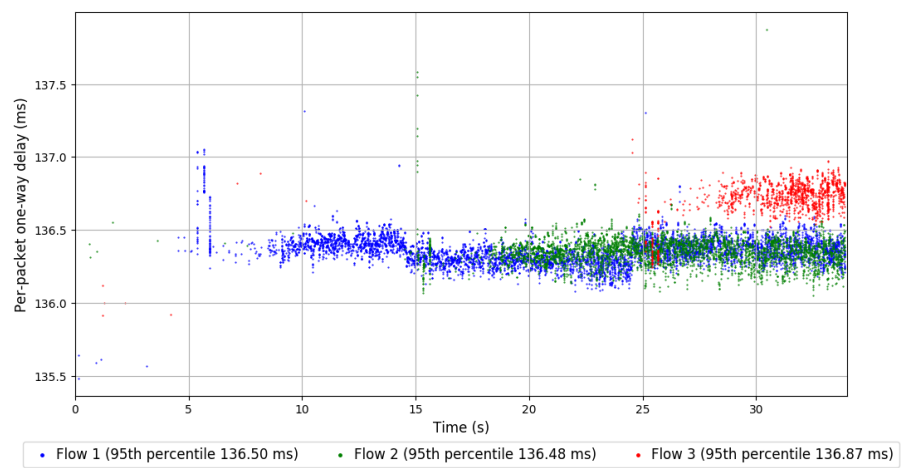
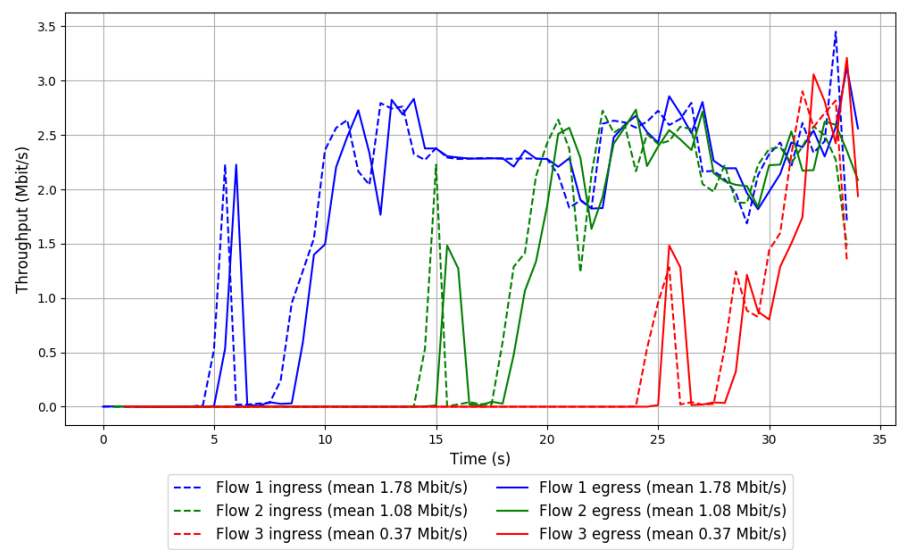


Run 4: Statistics of WebRTC media

Start at: 2018-07-11 03:24:21
End at: 2018-07-11 03:24:51
Local clock offset: 0.085 ms
Remote clock offset: -0.118 ms

Below is generated by plot.py at 2018-07-11 08:54:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.20 Mbit/s
95th percentile per-packet one-way delay: 136.764 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.78 Mbit/s
95th percentile per-packet one-way delay: 136.502 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.08 Mbit/s
95th percentile per-packet one-way delay: 136.476 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 136.865 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

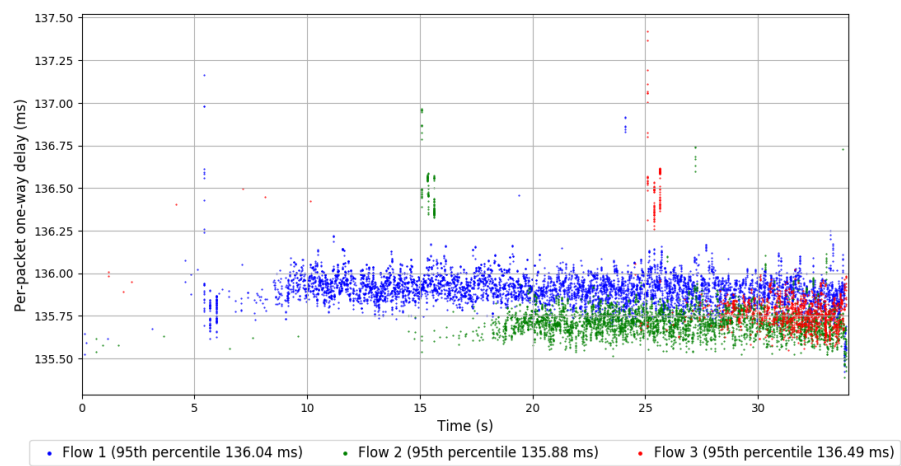
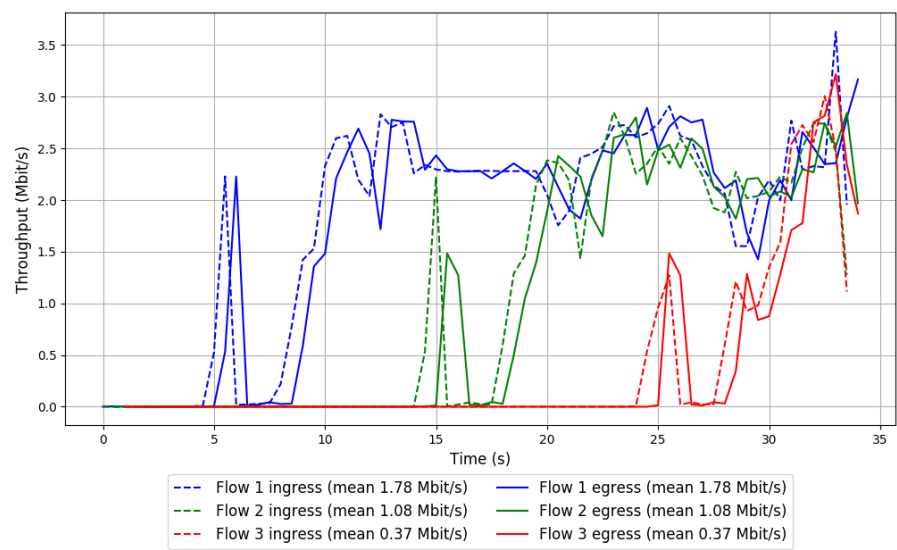


Run 5: Statistics of WebRTC media

Start at: 2018-07-11 03:51:42
End at: 2018-07-11 03:52:12
Local clock offset: 0.11 ms
Remote clock offset: -0.076 ms

Below is generated by plot.py at 2018-07-11 08:54:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.20 Mbit/s
95th percentile per-packet one-way delay: 136.037 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.78 Mbit/s
95th percentile per-packet one-way delay: 136.038 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.08 Mbit/s
95th percentile per-packet one-way delay: 135.883 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 136.487 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

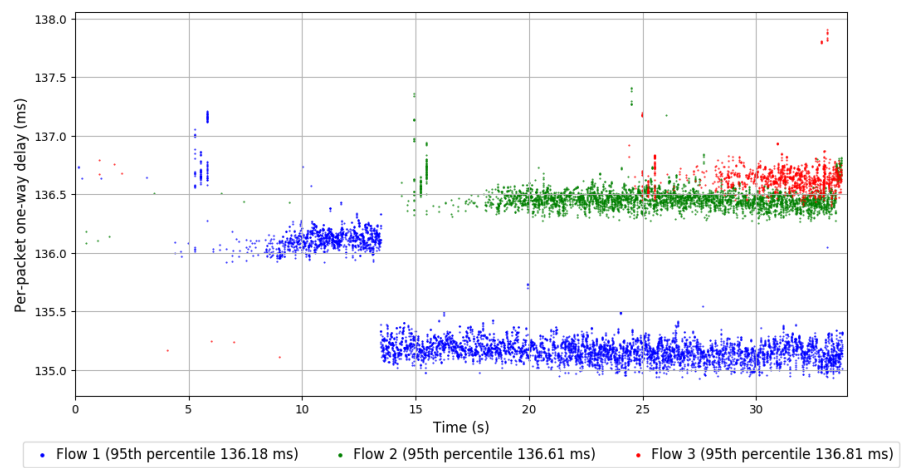
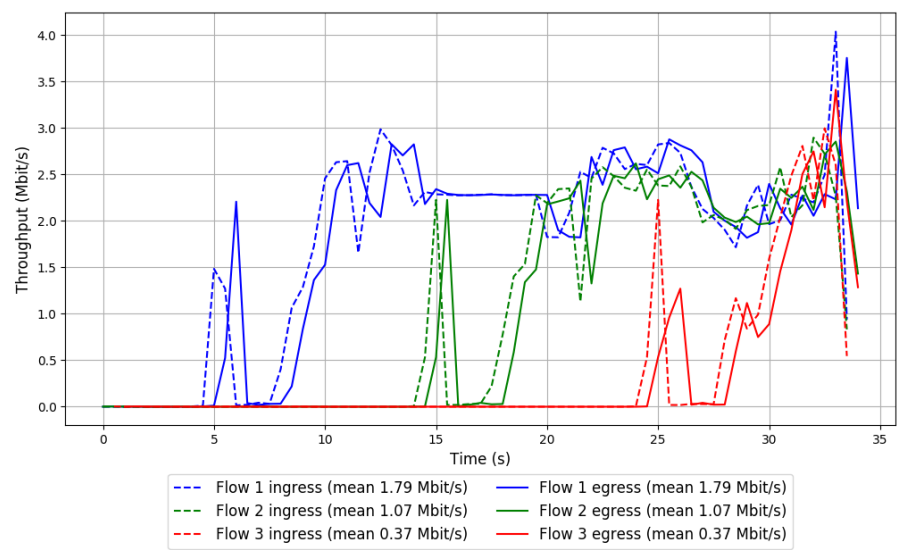


Run 6: Statistics of WebRTC media

Start at: 2018-07-11 04:18:22
End at: 2018-07-11 04:18:52
Local clock offset: -0.159 ms
Remote clock offset: -0.083 ms

Below is generated by plot.py at 2018-07-11 08:54:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.21 Mbit/s
95th percentile per-packet one-way delay: 136.677 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.79 Mbit/s
95th percentile per-packet one-way delay: 136.182 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.07 Mbit/s
95th percentile per-packet one-way delay: 136.614 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 136.810 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-07-11 04:44:32

End at: 2018-07-11 04:45:02

Local clock offset: -0.193 ms

Remote clock offset: -0.07 ms

Below is generated by plot.py at 2018-07-11 08:54:53

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.22 Mbit/s

95th percentile per-packet one-way delay: 136.760 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.80 Mbit/s

95th percentile per-packet one-way delay: 136.786 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.09 Mbit/s

95th percentile per-packet one-way delay: 136.015 ms

Loss rate: 0.00%

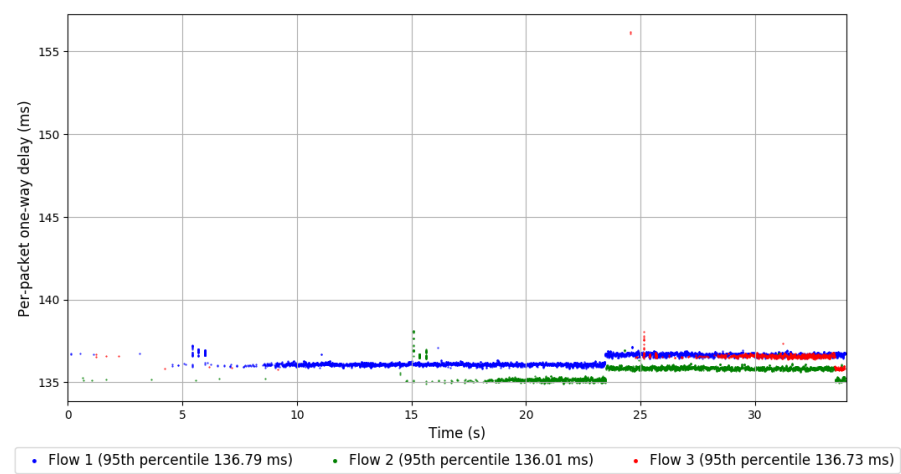
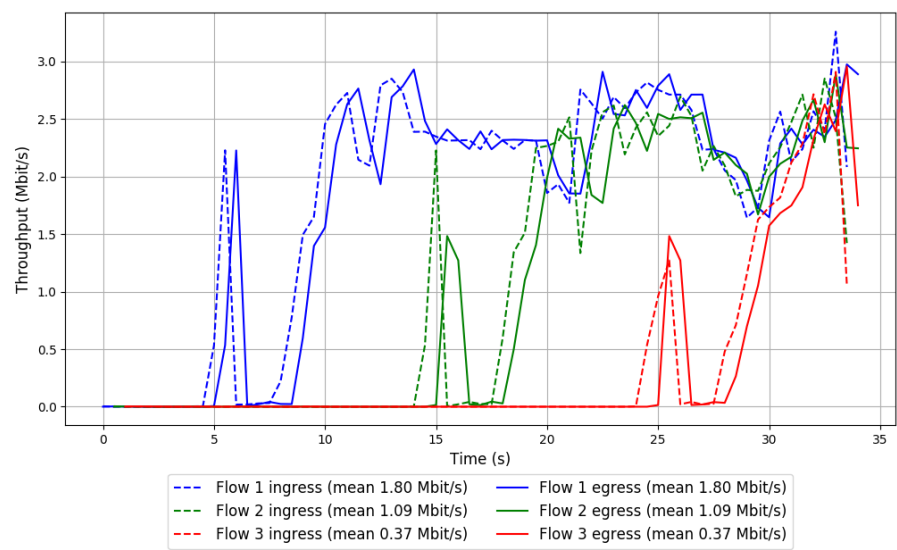
-- Flow 3:

Average throughput: 0.37 Mbit/s

95th percentile per-packet one-way delay: 136.730 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

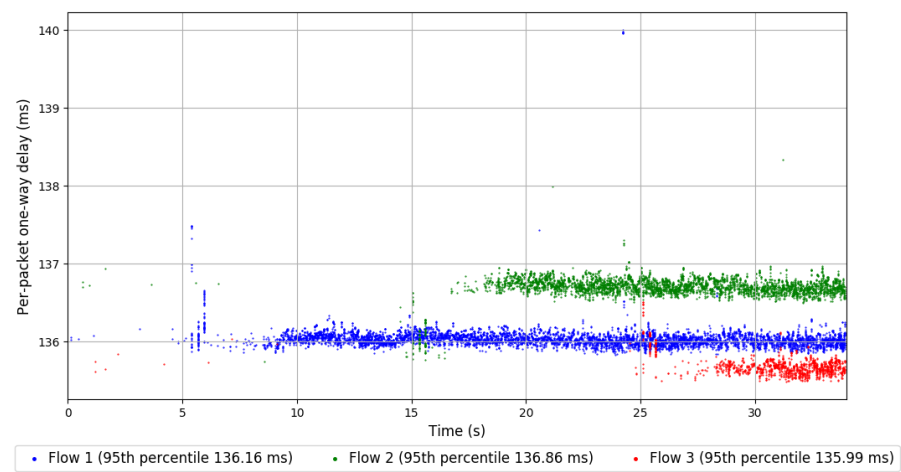
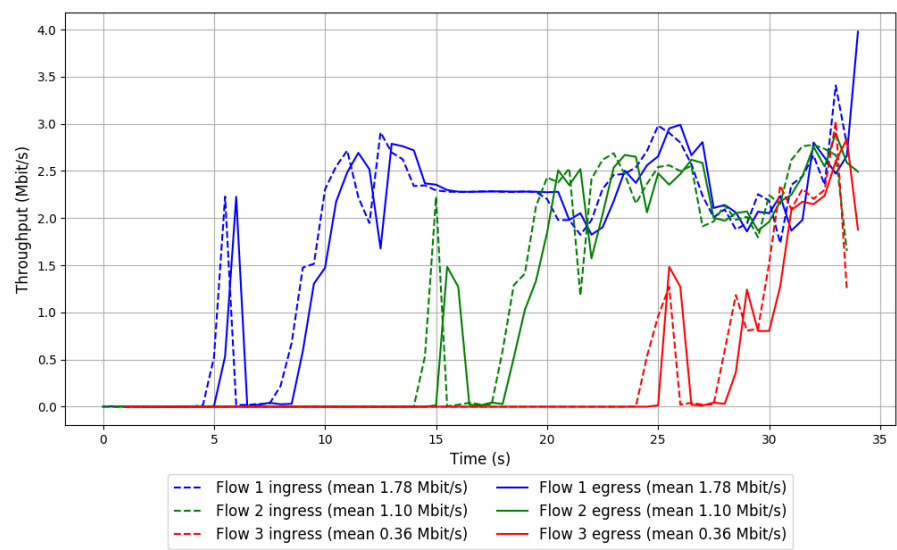


Run 8: Statistics of WebRTC media

Start at: 2018-07-11 05:11:29
End at: 2018-07-11 05:11:59
Local clock offset: -0.022 ms
Remote clock offset: -0.024 ms

Below is generated by plot.py at 2018-07-11 08:54:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.21 Mbit/s
95th percentile per-packet one-way delay: 136.804 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.78 Mbit/s
95th percentile per-packet one-way delay: 136.161 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.10 Mbit/s
95th percentile per-packet one-way delay: 136.859 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 135.994 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

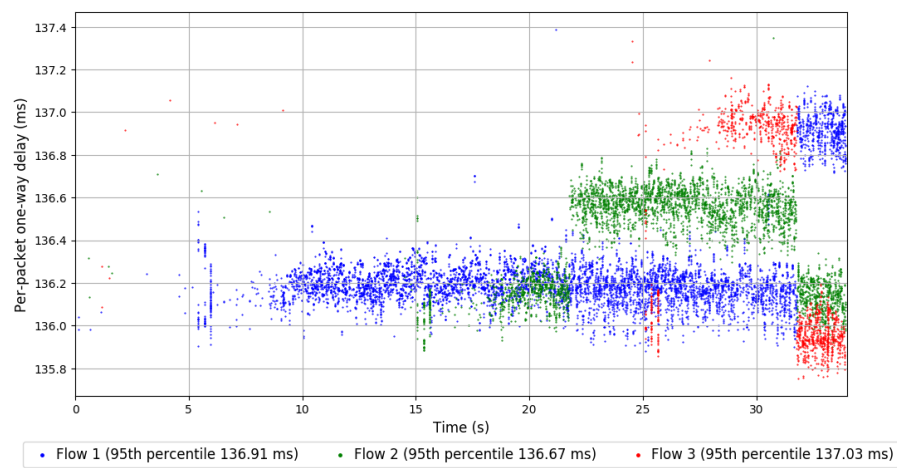
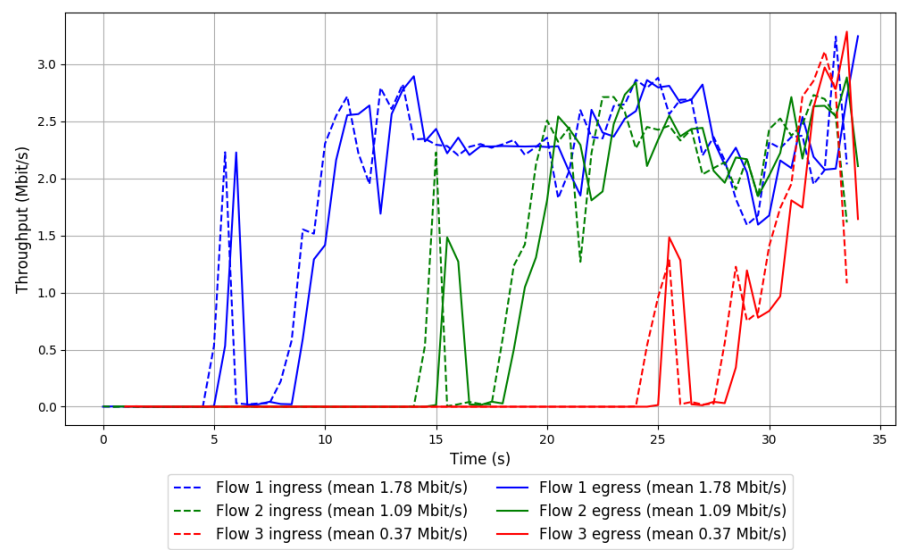


Run 9: Statistics of WebRTC media

Start at: 2018-07-11 05:38:34
End at: 2018-07-11 05:39:04
Local clock offset: -0.071 ms
Remote clock offset: -0.048 ms

Below is generated by plot.py at 2018-07-11 08:54:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.21 Mbit/s
95th percentile per-packet one-way delay: 136.925 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.78 Mbit/s
95th percentile per-packet one-way delay: 136.905 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.09 Mbit/s
95th percentile per-packet one-way delay: 136.672 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 137.025 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-07-11 06:05:41
End at: 2018-07-11 06:06:11
Local clock offset: 0.064 ms
Remote clock offset: -0.034 ms

Below is generated by plot.py at 2018-07-11 08:54:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.19 Mbit/s
95th percentile per-packet one-way delay: 136.631 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.78 Mbit/s
95th percentile per-packet one-way delay: 135.880 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.04 Mbit/s
95th percentile per-packet one-way delay: 136.669 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 136.644 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

