

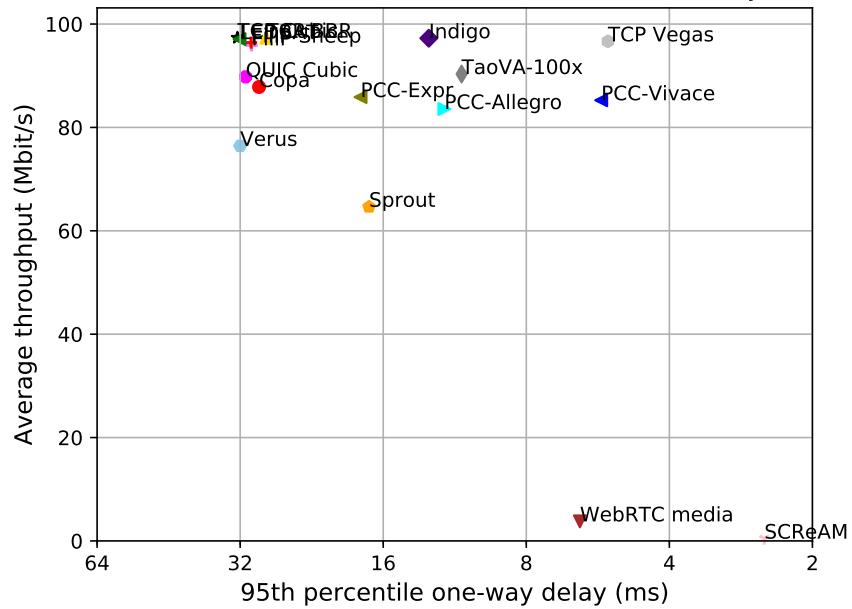
Pantheon Report

Generated at 2018-07-24 18:03:13 (UTC).
Data path: AWS Brazil 1 Ethernet (*local*) → Brazil 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 `gps.ntp.br` and have been applied to correct the timestamps in logs.

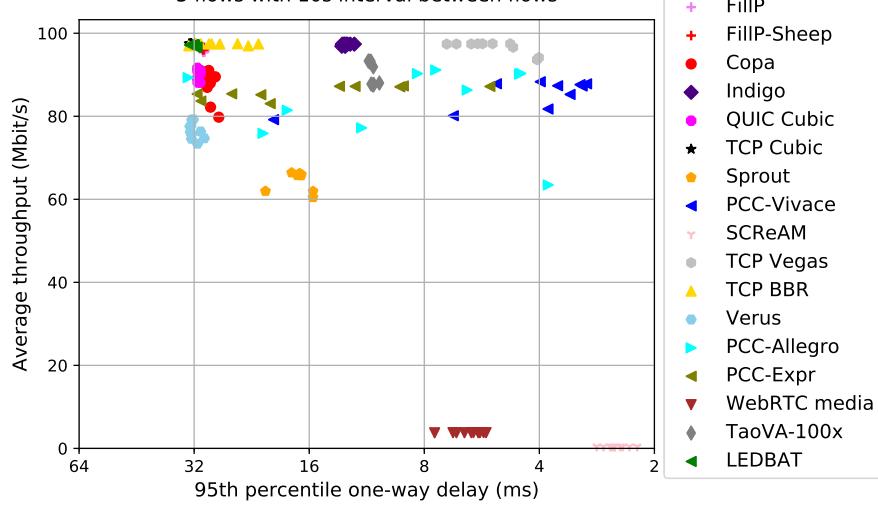
Git summary:

```
branch: master @ 640164b5b17c7c6561fff57729b3b5935d8596ce
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
  M src/ScreamClient
  M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

test from AWS Brazil 1 to Brazil, 10 runs of 30s each per scheme
3 flows with 10s interval between flows (mean of all runs by scheme)



test from AWS Brazil 1 to Brazil, 10 runs of 30s each per scheme
3 flows with 10s interval between flows



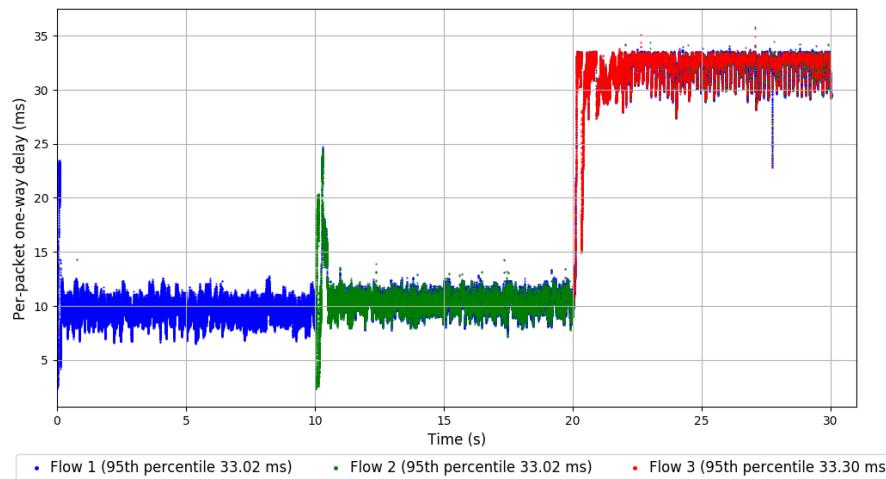
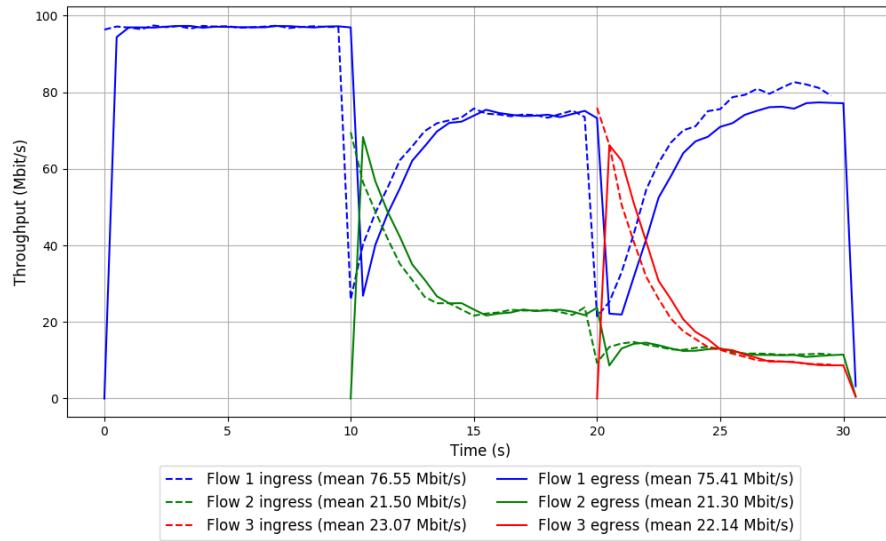
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	69.45	29.33	25.13	27.99	27.84	31.69	0.19	0.12	1.00
Copa		52.64	38.05	29.61	28.11	29.74	29.97	0.01	0.02	0.04
TCP Cubic		64.03	36.38	27.44	32.35	32.52	32.61	0.03	0.08	0.11
FillP		52.84	47.04	35.46	30.21	30.31	30.35	12.28	21.93	25.45
FillP-Sheep		60.26	39.51	29.80	30.29	30.39	30.41	15.38	28.87	33.38
Indigo		46.78	43.82	65.63	10.93	13.10	13.51	0.00	0.00	0.00
LEDBAT		62.45	37.41	29.35	32.03	32.28	32.32	0.03	0.06	0.08
PCC-Allegro		69.85	17.57	6.11	10.02	16.76	18.32	0.02	0.06	0.29
PCC-Expr		50.31	37.02	33.13	16.64	15.02	15.01	0.34	0.06	0.06
QUIC Cubic		57.75	34.46	27.74	31.07	31.25	31.31	0.13	0.18	0.24
SCReAM		0.22	0.22	0.22	2.53	2.52	2.51	0.00	0.02	0.00
Sprout		33.52	32.01	29.75	16.40	16.91	19.10	0.00	0.00	0.00
TaoVA-100x		53.40	37.15	36.64	10.35	11.55	13.71	0.02	0.06	0.17
TCP Vegas		48.80	43.04	57.67	9.48	4.48	4.66	0.00	0.00	0.00
Verus		45.75	31.94	28.80	29.88	32.38	32.78	8.62	15.85	30.11
PCC-Vivace		55.30	32.63	25.07	5.07	5.56	6.74	0.02	0.00	0.00
WebRTC media		2.00	1.33	0.46	5.99	5.92	7.46	0.00	0.00	0.04

Run 1: Statistics of TCP BBR

```
Start at: 2018-07-24 14:27:53
End at: 2018-07-24 14:28:23
Local clock offset: -1.389 ms
Remote clock offset: -1.816 ms

# Below is generated by plot.py at 2018-07-24 17:38:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.97 Mbit/s
95th percentile per-packet one-way delay: 33.060 ms
Loss rate: 1.50%
-- Flow 1:
Average throughput: 75.41 Mbit/s
95th percentile per-packet one-way delay: 33.020 ms
Loss rate: 1.39%
-- Flow 2:
Average throughput: 21.30 Mbit/s
95th percentile per-packet one-way delay: 33.023 ms
Loss rate: 0.80%
-- Flow 3:
Average throughput: 22.14 Mbit/s
95th percentile per-packet one-way delay: 33.299 ms
Loss rate: 3.83%
```

Run 1: Report of TCP BBR — Data Link

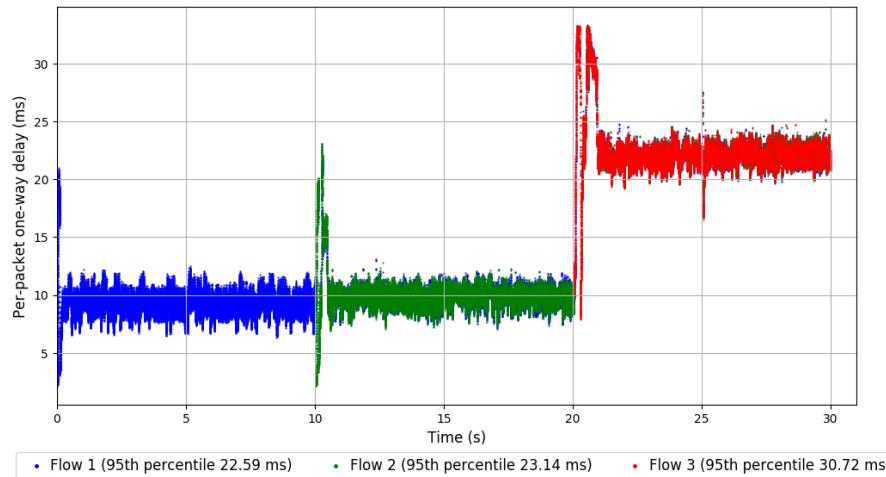
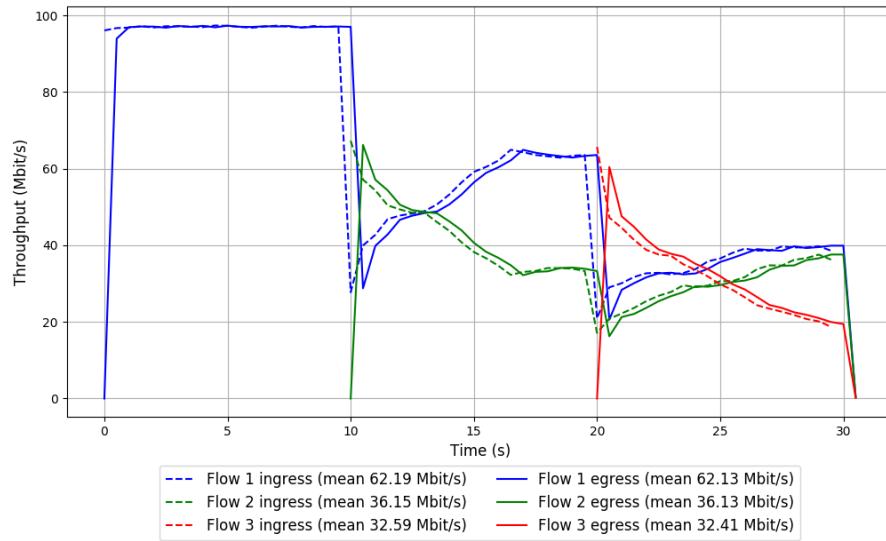


Run 2: Statistics of TCP BBR

```
Start at: 2018-07-24 14:47:05
End at: 2018-07-24 14:47:35
Local clock offset: -6.455 ms
Remote clock offset: -1.605 ms

# Below is generated by plot.py at 2018-07-24 17:38:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.97 Mbit/s
95th percentile per-packet one-way delay: 23.092 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 62.13 Mbit/s
95th percentile per-packet one-way delay: 22.594 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 36.13 Mbit/s
95th percentile per-packet one-way delay: 23.135 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 32.41 Mbit/s
95th percentile per-packet one-way delay: 30.722 ms
Loss rate: 0.43%
```

Run 2: Report of TCP BBR — Data Link

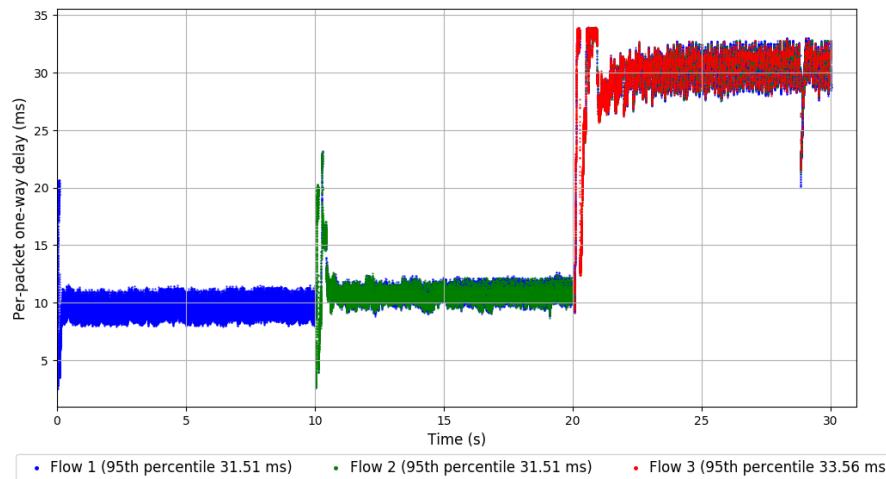
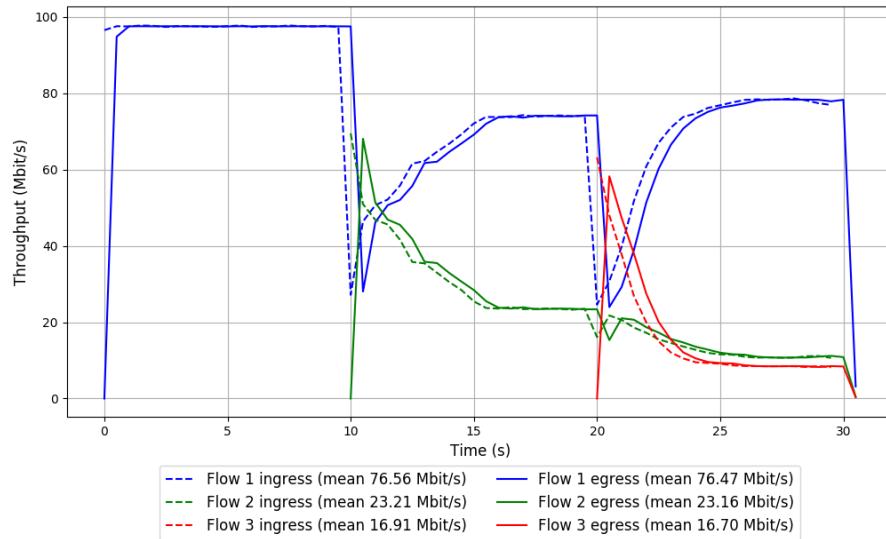


Run 3: Statistics of TCP BBR

```
Start at: 2018-07-24 15:06:17
End at: 2018-07-24 15:06:47
Local clock offset: -4.69 ms
Remote clock offset: -7.041 ms

# Below is generated by plot.py at 2018-07-24 17:38:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 31.669 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 76.47 Mbit/s
95th percentile per-packet one-way delay: 31.507 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 23.16 Mbit/s
95th percentile per-packet one-way delay: 31.507 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 16.70 Mbit/s
95th percentile per-packet one-way delay: 33.562 ms
Loss rate: 1.04%
```

Run 3: Report of TCP BBR — Data Link

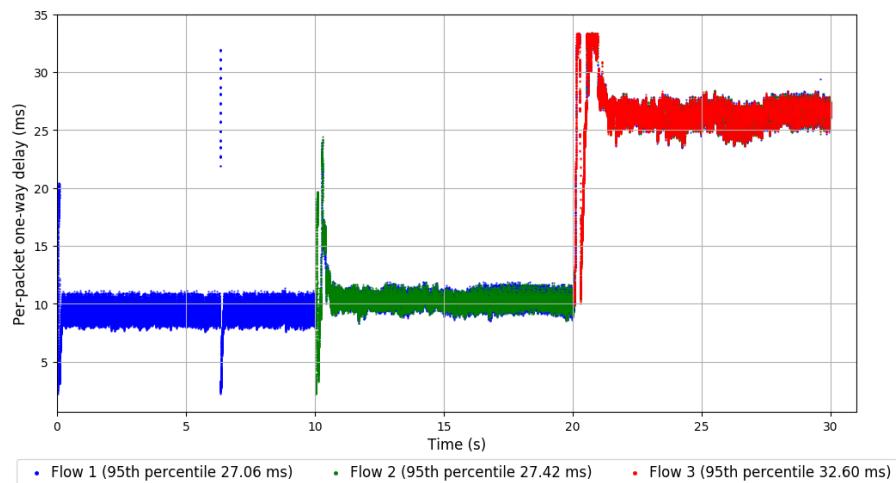
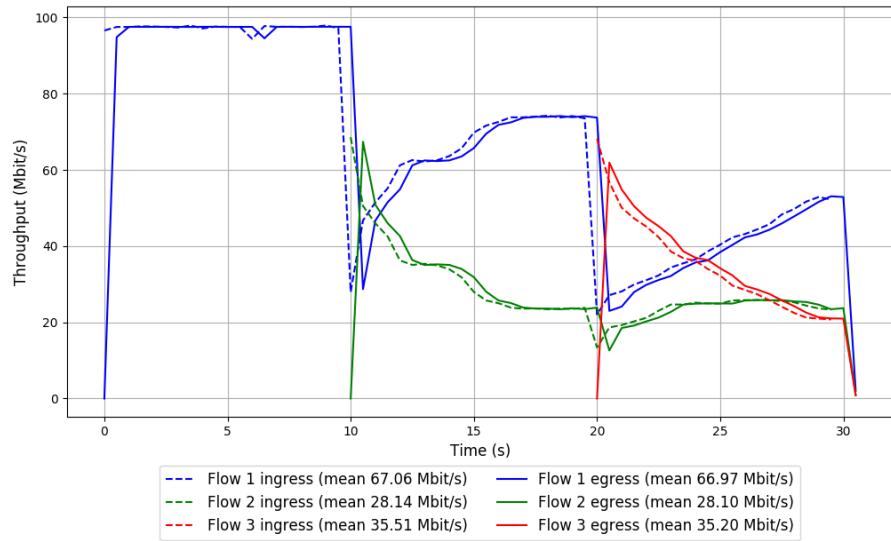


Run 4: Statistics of TCP BBR

```
Start at: 2018-07-24 15:25:29
End at: 2018-07-24 15:25:59
Local clock offset: 0.339 ms
Remote clock offset: -8.76 ms

# Below is generated by plot.py at 2018-07-24 17:38:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.41 Mbit/s
95th percentile per-packet one-way delay: 27.418 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 66.97 Mbit/s
95th percentile per-packet one-way delay: 27.056 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 28.10 Mbit/s
95th percentile per-packet one-way delay: 27.419 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 35.20 Mbit/s
95th percentile per-packet one-way delay: 32.602 ms
Loss rate: 0.72%
```

Run 4: Report of TCP BBR — Data Link

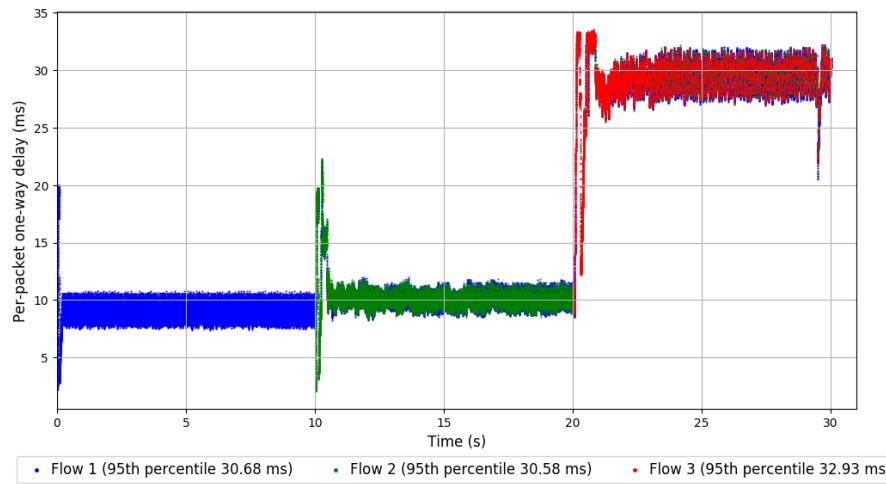
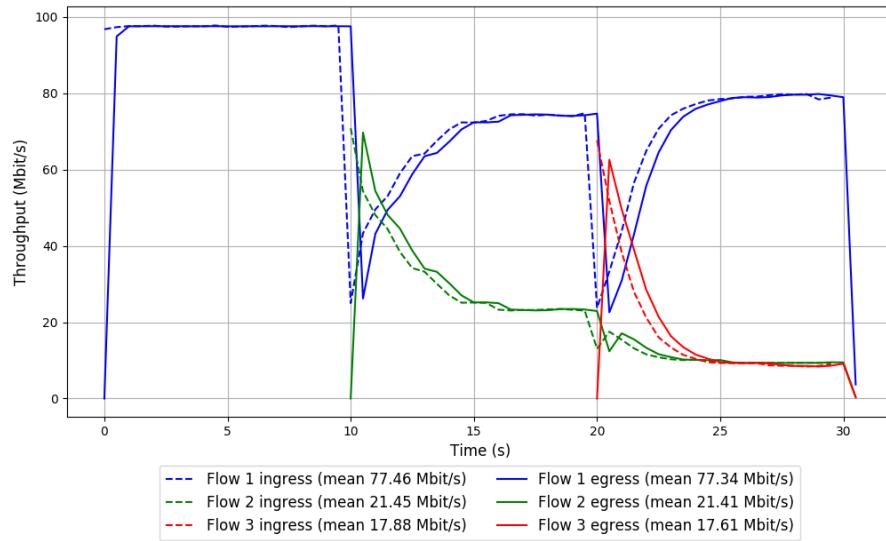


Run 5: Statistics of TCP BBR

```
Start at: 2018-07-24 15:44:42
End at: 2018-07-24 15:45:12
Local clock offset: -6.044 ms
Remote clock offset: -8.13 ms

# Below is generated by plot.py at 2018-07-24 17:38:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 30.769 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 77.34 Mbit/s
95th percentile per-packet one-way delay: 30.678 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 21.41 Mbit/s
95th percentile per-packet one-way delay: 30.584 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 17.61 Mbit/s
95th percentile per-packet one-way delay: 32.932 ms
Loss rate: 1.33%
```

Run 5: Report of TCP BBR — Data Link

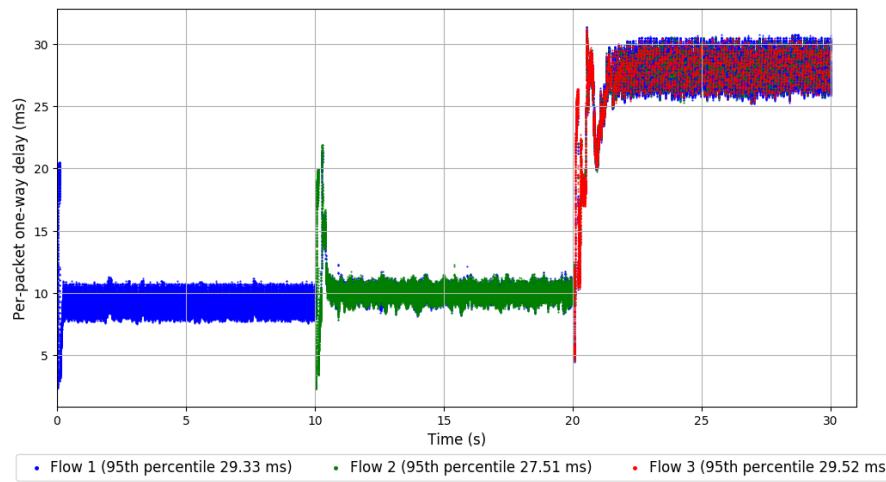
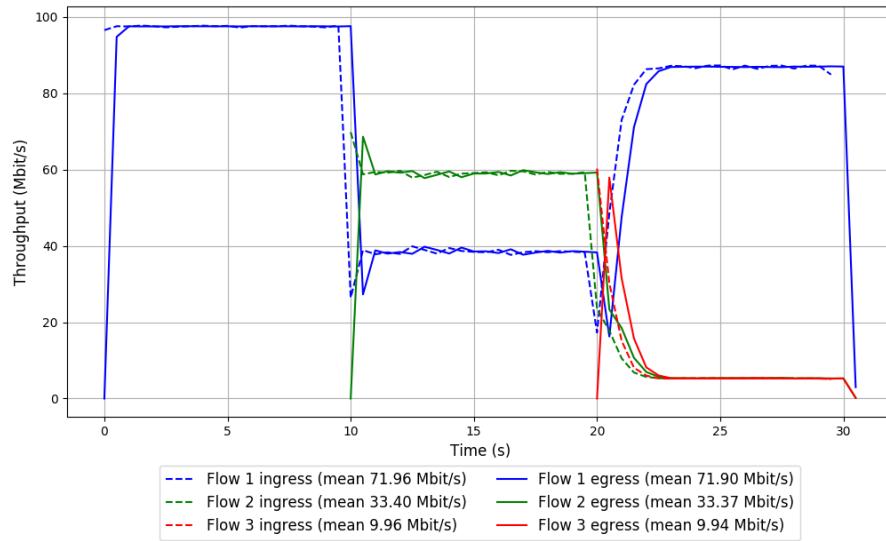


Run 6: Statistics of TCP BBR

```
Start at: 2018-07-24 16:03:54
End at: 2018-07-24 16:04:24
Local clock offset: -8.162 ms
Remote clock offset: -7.688 ms

# Below is generated by plot.py at 2018-07-24 17:38:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.44 Mbit/s
95th percentile per-packet one-way delay: 29.247 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 71.90 Mbit/s
95th percentile per-packet one-way delay: 29.326 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 33.37 Mbit/s
95th percentile per-packet one-way delay: 27.506 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 9.94 Mbit/s
95th percentile per-packet one-way delay: 29.525 ms
Loss rate: 0.00%
```

Run 6: Report of TCP BBR — Data Link

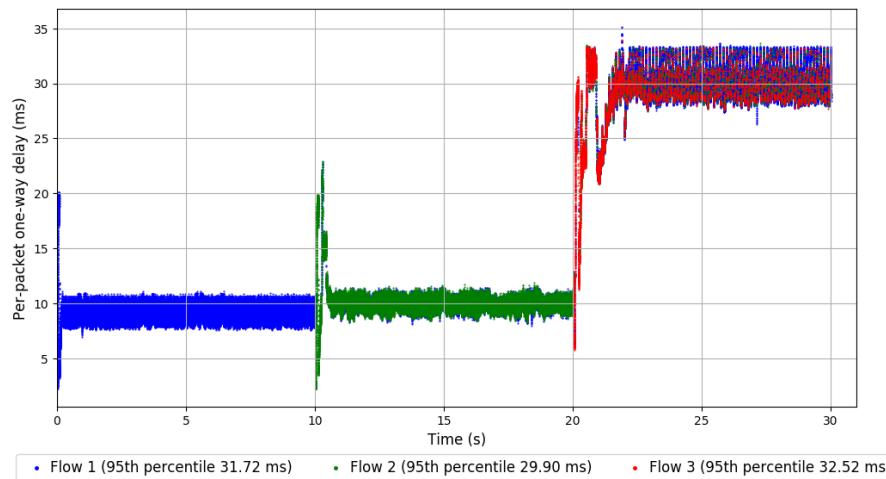
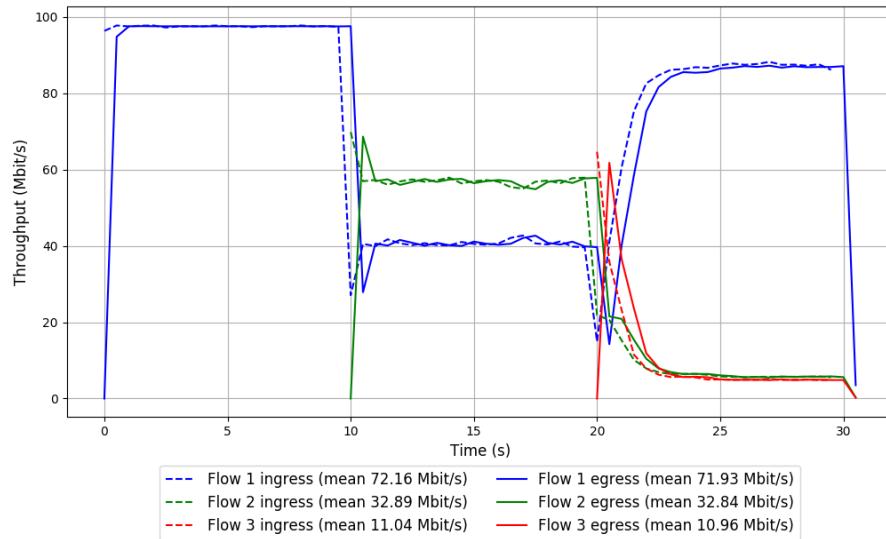


Run 7: Statistics of TCP BBR

```
Start at: 2018-07-24 16:23:06
End at: 2018-07-24 16:23:36
Local clock offset: -7.398 ms
Remote clock offset: -7.236 ms

# Below is generated by plot.py at 2018-07-24 17:38:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 31.583 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 71.93 Mbit/s
95th percentile per-packet one-way delay: 31.719 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 32.84 Mbit/s
95th percentile per-packet one-way delay: 29.899 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 10.96 Mbit/s
95th percentile per-packet one-way delay: 32.520 ms
Loss rate: 0.50%
```

Run 7: Report of TCP BBR — Data Link

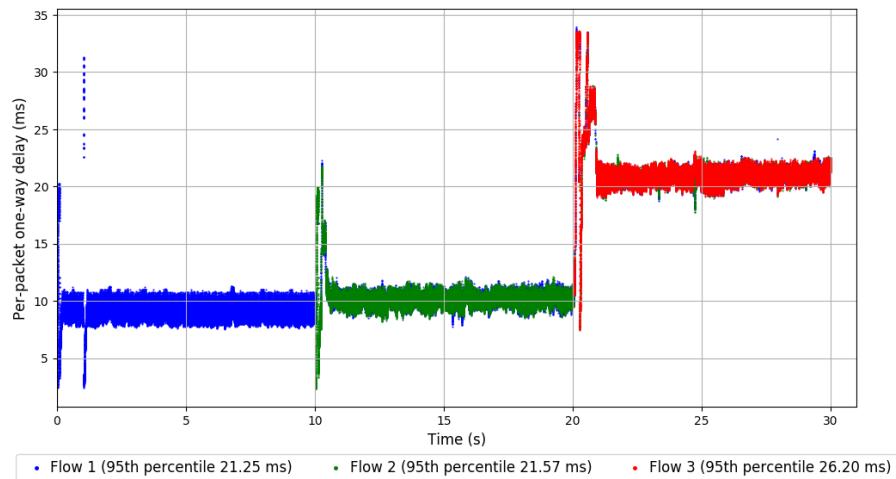
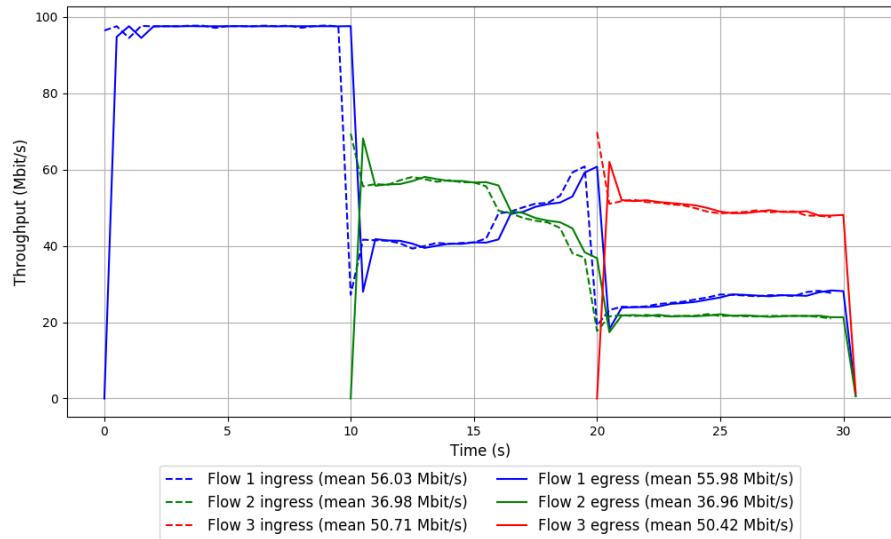


Run 8: Statistics of TCP BBR

```
Start at: 2018-07-24 16:42:18
End at: 2018-07-24 16:42:48
Local clock offset: -4.568 ms
Remote clock offset: -3.642 ms

# Below is generated by plot.py at 2018-07-24 17:38:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.42 Mbit/s
95th percentile per-packet one-way delay: 21.719 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 55.98 Mbit/s
95th percentile per-packet one-way delay: 21.246 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 36.96 Mbit/s
95th percentile per-packet one-way delay: 21.572 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 50.42 Mbit/s
95th percentile per-packet one-way delay: 26.195 ms
Loss rate: 0.47%
```

Run 8: Report of TCP BBR — Data Link

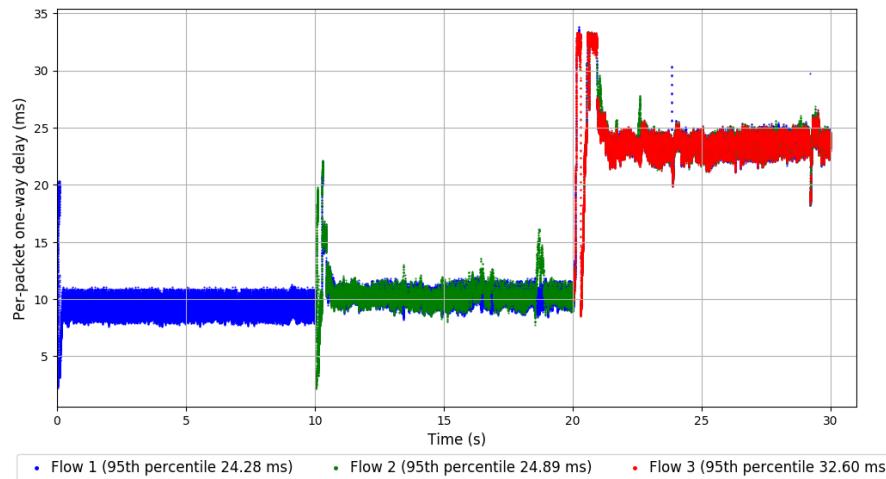
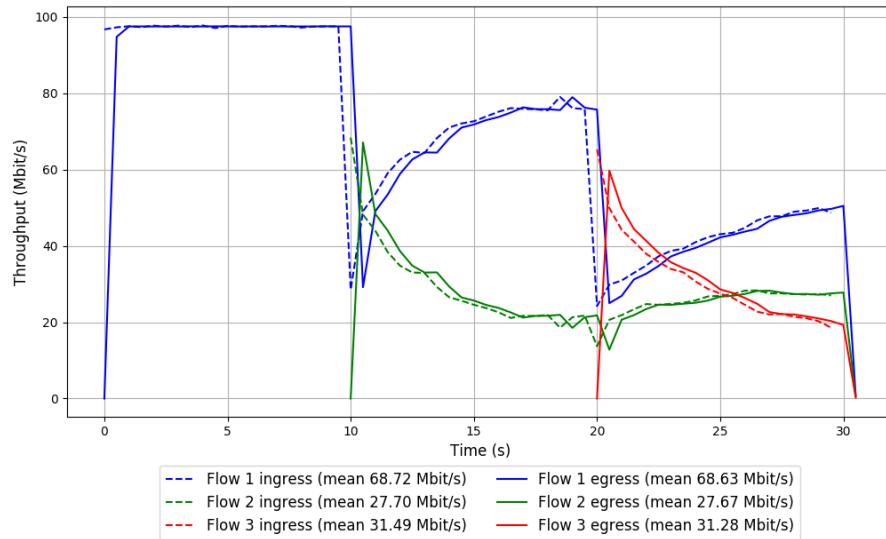


Run 9: Statistics of TCP BBR

```
Start at: 2018-07-24 17:01:30
End at: 2018-07-24 17:02:00
Local clock offset: -2.963 ms
Remote clock offset: -1.532 ms

# Below is generated by plot.py at 2018-07-24 17:39:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 24.635 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 68.63 Mbit/s
95th percentile per-packet one-way delay: 24.284 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 27.67 Mbit/s
95th percentile per-packet one-way delay: 24.890 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 31.28 Mbit/s
95th percentile per-packet one-way delay: 32.602 ms
Loss rate: 0.53%
```

Run 9: Report of TCP BBR — Data Link

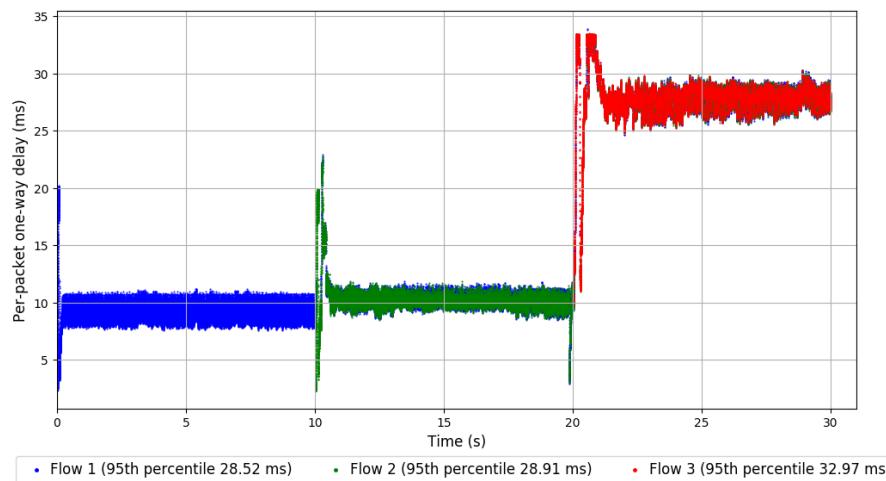
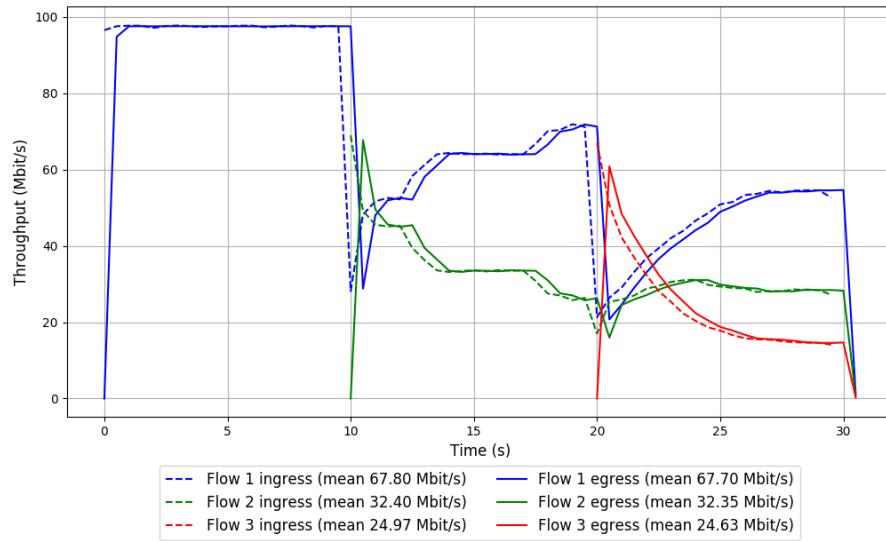


Run 10: Statistics of TCP BBR

```
Start at: 2018-07-24 17:20:42
End at: 2018-07-24 17:21:12
Local clock offset: -2.144 ms
Remote clock offset: -1.549 ms

# Below is generated by plot.py at 2018-07-24 17:39:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 28.806 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 67.70 Mbit/s
95th percentile per-packet one-way delay: 28.518 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 32.35 Mbit/s
95th percentile per-packet one-way delay: 28.914 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 24.63 Mbit/s
95th percentile per-packet one-way delay: 32.972 ms
Loss rate: 1.17%
```

Run 10: Report of TCP BBR — Data Link

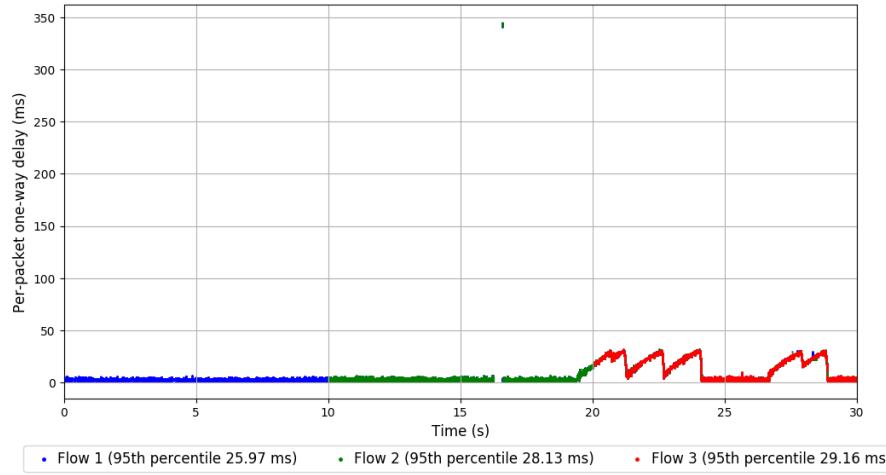
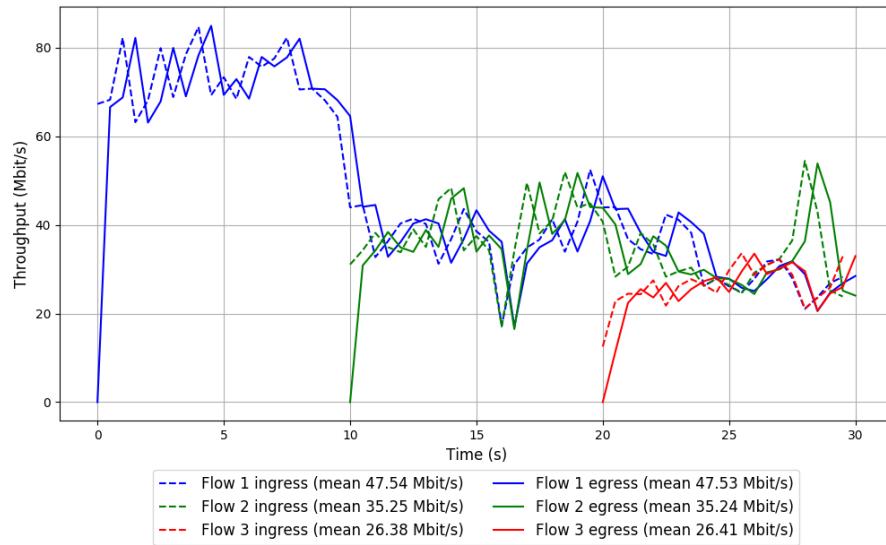


Run 1: Statistics of Copa

```
Start at: 2018-07-24 14:37:59
End at: 2018-07-24 14:38:29
Local clock offset: -4.308 ms
Remote clock offset: -1.776 ms

# Below is generated by plot.py at 2018-07-24 17:40:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.78 Mbit/s
95th percentile per-packet one-way delay: 27.590 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 47.53 Mbit/s
95th percentile per-packet one-way delay: 25.973 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.24 Mbit/s
95th percentile per-packet one-way delay: 28.128 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 26.41 Mbit/s
95th percentile per-packet one-way delay: 29.155 ms
Loss rate: 0.04%
```

Run 1: Report of Copa — Data Link

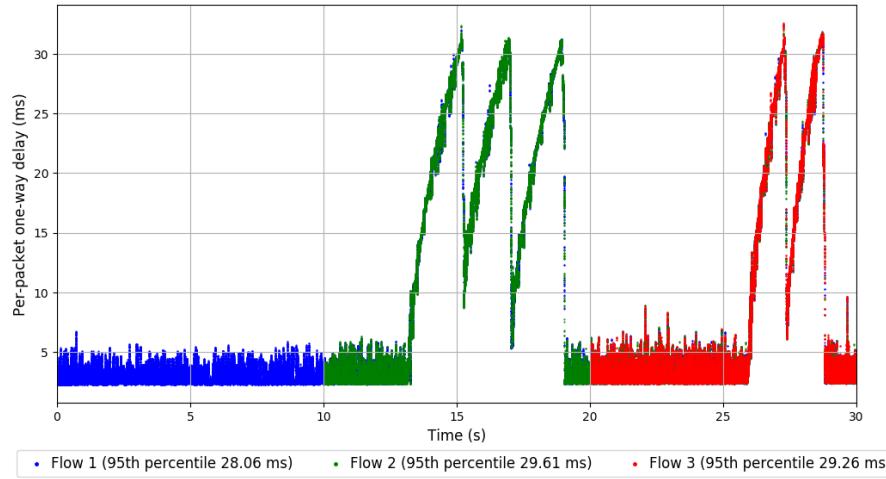
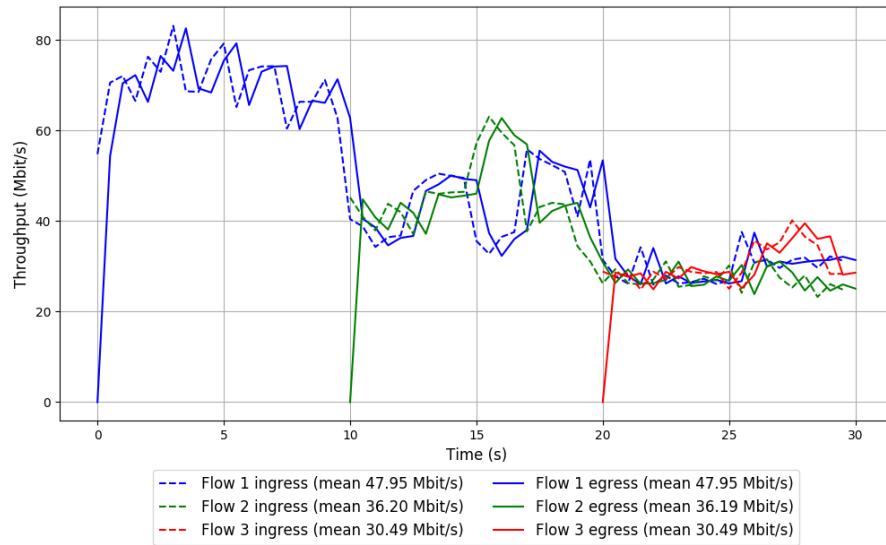


Run 2: Statistics of Copa

```
Start at: 2018-07-24 14:57:11
End at: 2018-07-24 14:57:41
Local clock offset: -7.614 ms
Remote clock offset: -4.905 ms

# Below is generated by plot.py at 2018-07-24 17:40:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 82.20 Mbit/s
95th percentile per-packet one-way delay: 28.997 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 47.95 Mbit/s
95th percentile per-packet one-way delay: 28.063 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 36.19 Mbit/s
95th percentile per-packet one-way delay: 29.614 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 30.49 Mbit/s
95th percentile per-packet one-way delay: 29.257 ms
Loss rate: 0.01%
```

Run 2: Report of Copa — Data Link

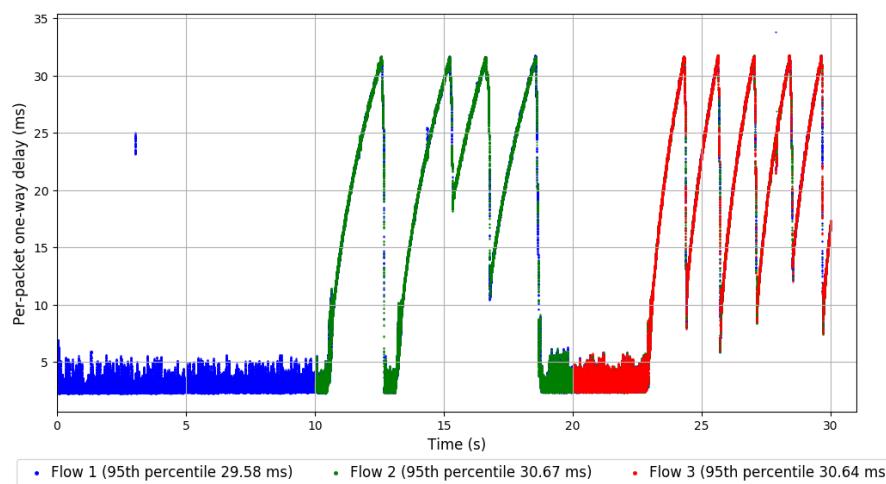
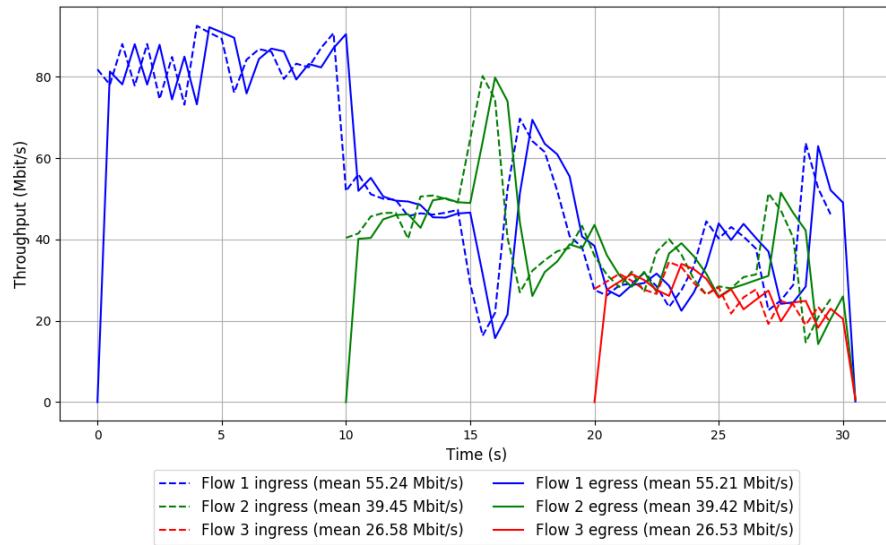


Run 3: Statistics of Copa

```
Start at: 2018-07-24 15:16:23
End at: 2018-07-24 15:16:53
Local clock offset: -1.036 ms
Remote clock offset: -8.38 ms

# Below is generated by plot.py at 2018-07-24 17:40:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.30 Mbit/s
95th percentile per-packet one-way delay: 30.283 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 55.21 Mbit/s
95th percentile per-packet one-way delay: 29.582 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 39.42 Mbit/s
95th percentile per-packet one-way delay: 30.674 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 26.53 Mbit/s
95th percentile per-packet one-way delay: 30.635 ms
Loss rate: 0.02%
```

Run 3: Report of Copa — Data Link

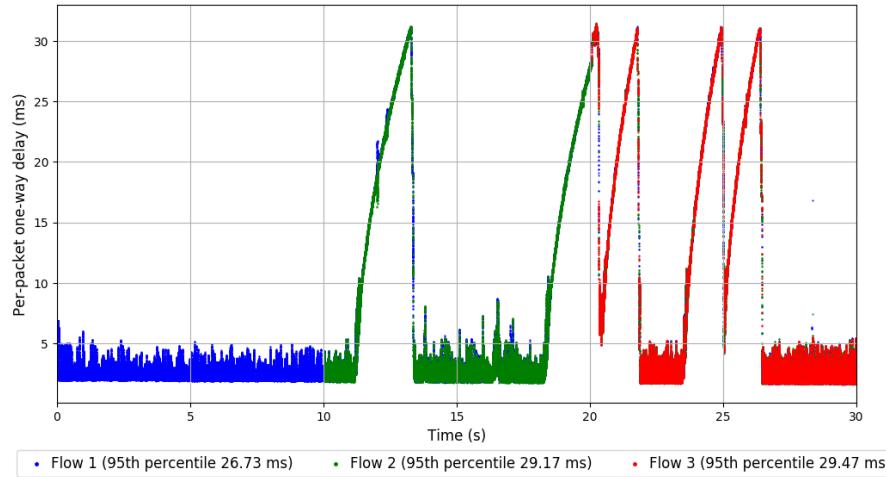
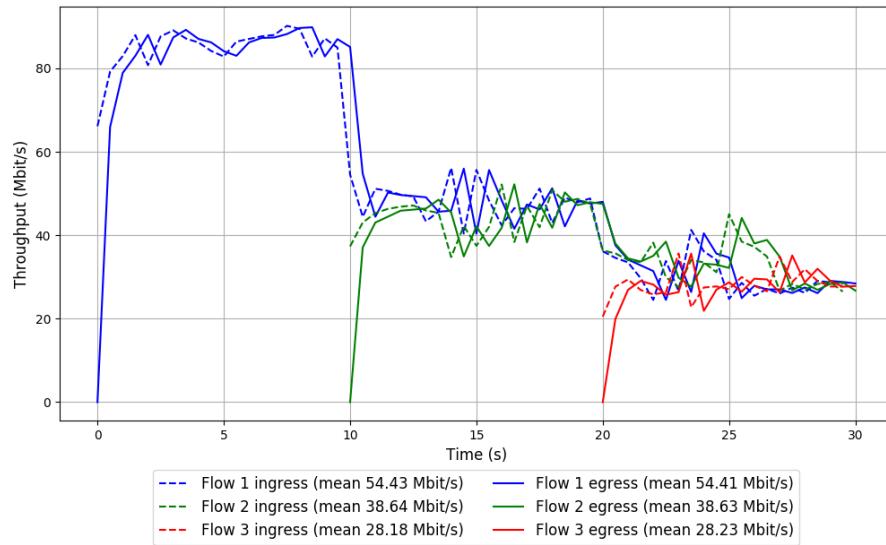


Run 4: Statistics of Copa

```
Start at: 2018-07-24 15:35:35
End at: 2018-07-24 15:36:05
Local clock offset: -2.255 ms
Remote clock offset: -8.111 ms

# Below is generated by plot.py at 2018-07-24 17:40:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.50 Mbit/s
95th percentile per-packet one-way delay: 28.175 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 54.41 Mbit/s
95th percentile per-packet one-way delay: 26.732 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 38.63 Mbit/s
95th percentile per-packet one-way delay: 29.172 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 28.23 Mbit/s
95th percentile per-packet one-way delay: 29.470 ms
Loss rate: 0.06%
```

Run 4: Report of Copa — Data Link

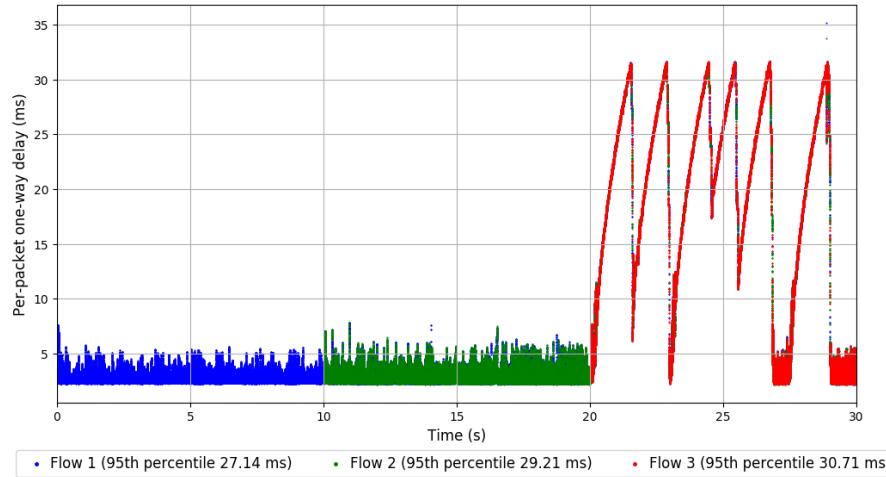
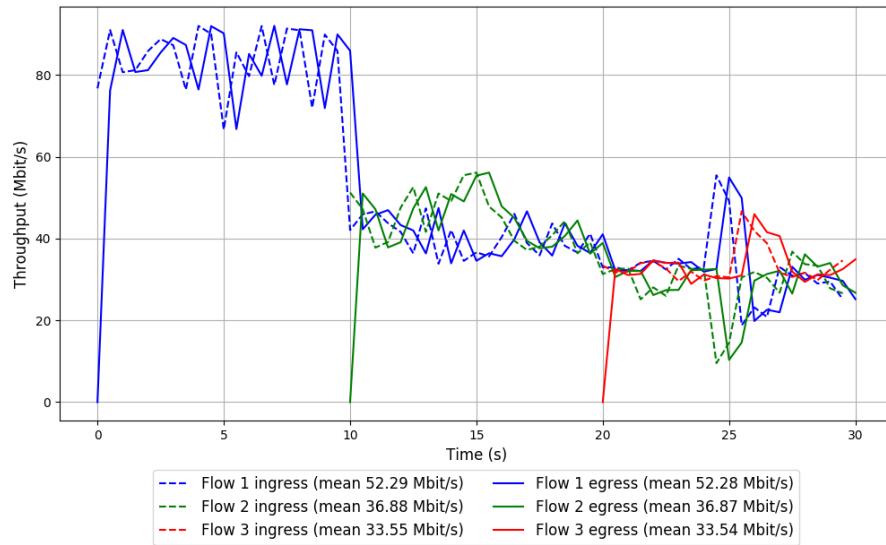


Run 5: Statistics of Copa

```
Start at: 2018-07-24 15:54:47
End at: 2018-07-24 15:55:17
Local clock offset: -7.837 ms
Remote clock offset: -8.478 ms

# Below is generated by plot.py at 2018-07-24 17:40:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.99 Mbit/s
95th percentile per-packet one-way delay: 29.033 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 52.28 Mbit/s
95th percentile per-packet one-way delay: 27.140 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 36.87 Mbit/s
95th percentile per-packet one-way delay: 29.213 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 33.54 Mbit/s
95th percentile per-packet one-way delay: 30.711 ms
Loss rate: 0.03%
```

Run 5: Report of Copa — Data Link

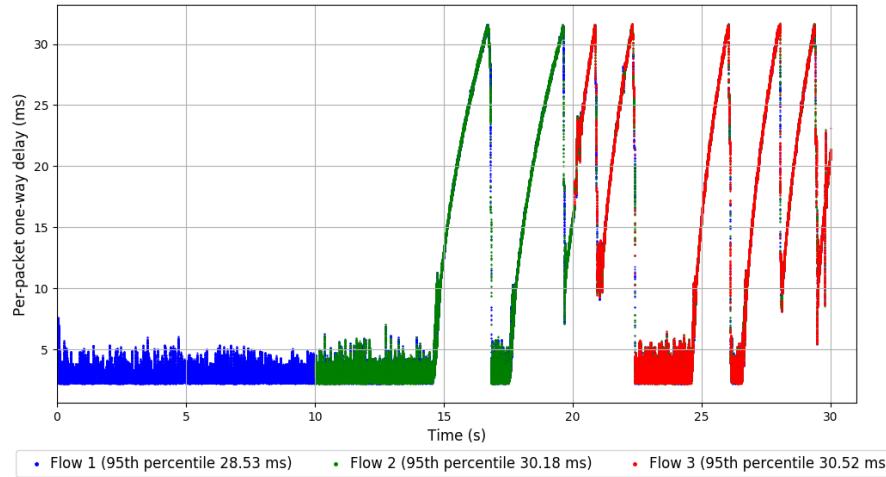
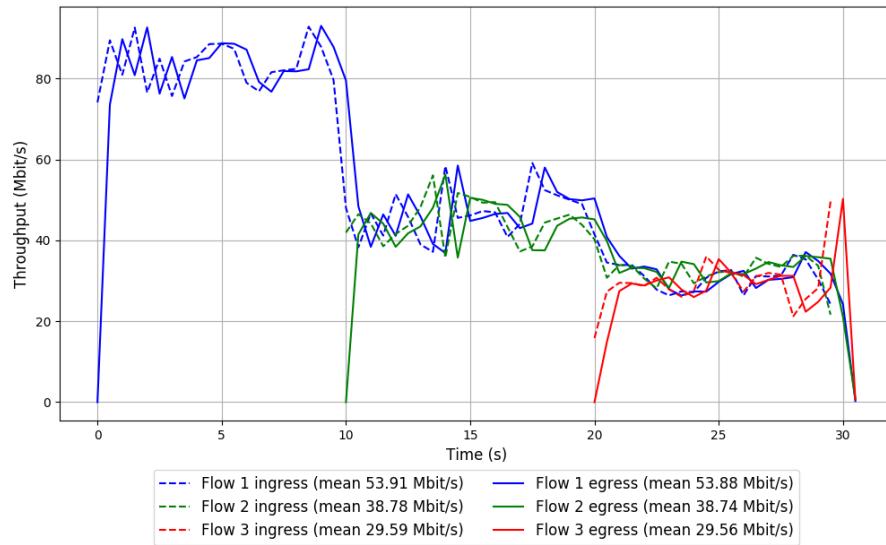


Run 6: Statistics of Copa

```
Start at: 2018-07-24 16:13:59
End at: 2018-07-24 16:14:29
Local clock offset: -7.429 ms
Remote clock offset: -7.258 ms

# Below is generated by plot.py at 2018-07-24 17:40:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.51 Mbit/s
95th percentile per-packet one-way delay: 29.599 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 53.88 Mbit/s
95th percentile per-packet one-way delay: 28.528 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.74 Mbit/s
95th percentile per-packet one-way delay: 30.183 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 29.56 Mbit/s
95th percentile per-packet one-way delay: 30.524 ms
Loss rate: 0.03%
```

Run 6: Report of Copa — Data Link

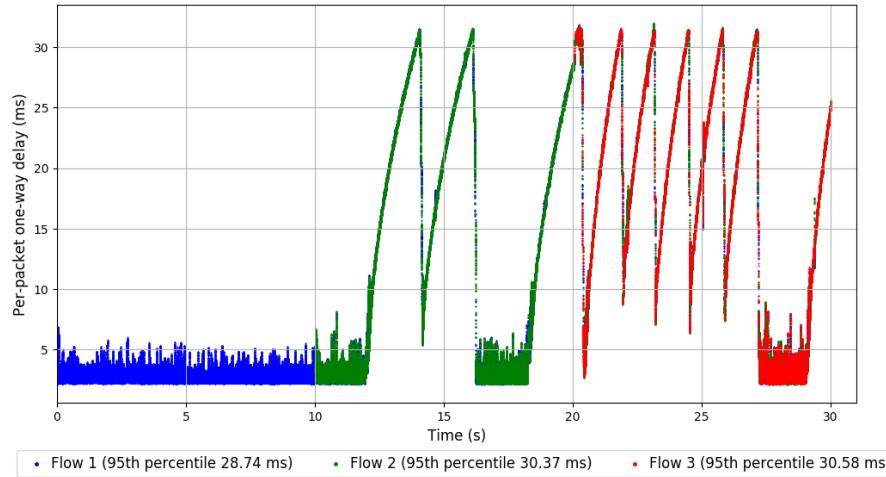
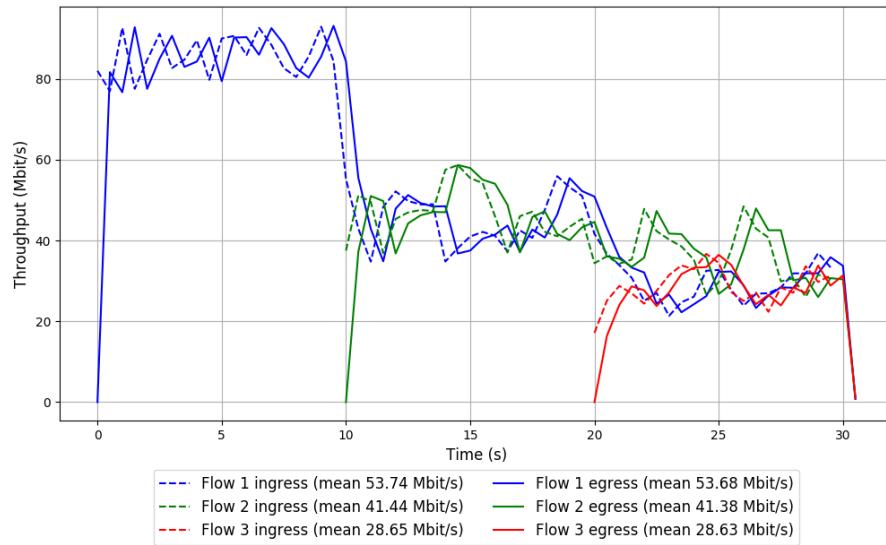


Run 7: Statistics of Copa

```
Start at: 2018-07-24 16:33:12
End at: 2018-07-24 16:33:42
Local clock offset: -6.869 ms
Remote clock offset: -6.889 ms

# Below is generated by plot.py at 2018-07-24 17:41:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.76 Mbit/s
95th percentile per-packet one-way delay: 29.783 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 53.68 Mbit/s
95th percentile per-packet one-way delay: 28.739 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 41.38 Mbit/s
95th percentile per-packet one-way delay: 30.367 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 28.63 Mbit/s
95th percentile per-packet one-way delay: 30.583 ms
Loss rate: 0.12%
```

Run 7: Report of Copa — Data Link

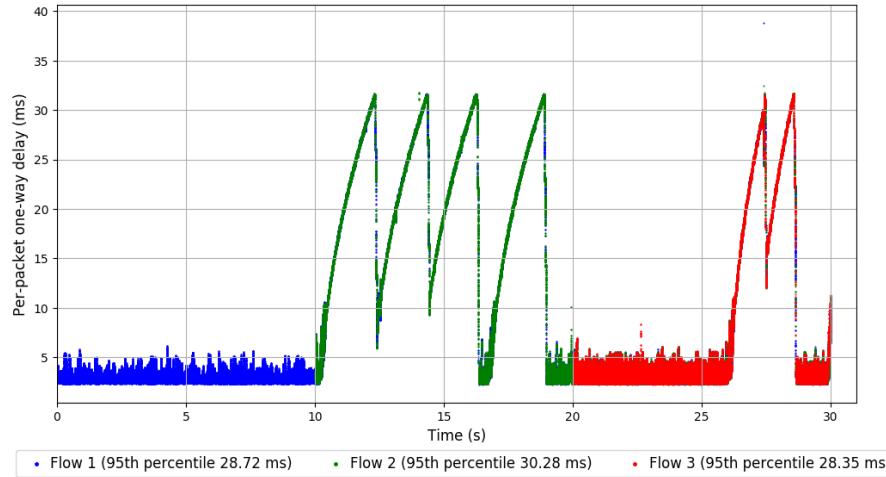
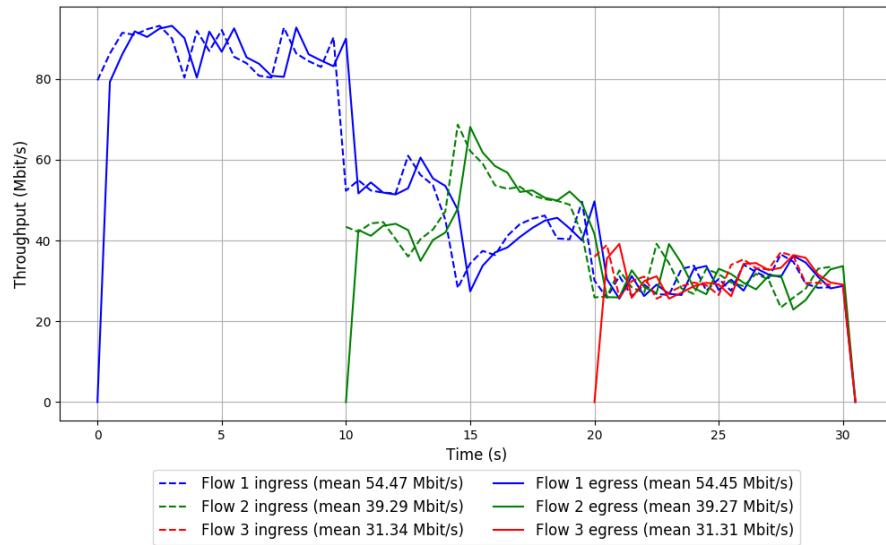


Run 8: Statistics of Copa

```
Start at: 2018-07-24 16:52:23
End at: 2018-07-24 16:52:53
Local clock offset: -3.509 ms
Remote clock offset: -2.216 ms

# Below is generated by plot.py at 2018-07-24 17:41:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.03 Mbit/s
95th percentile per-packet one-way delay: 29.308 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 54.45 Mbit/s
95th percentile per-packet one-way delay: 28.720 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 39.27 Mbit/s
95th percentile per-packet one-way delay: 30.279 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 31.31 Mbit/s
95th percentile per-packet one-way delay: 28.346 ms
Loss rate: 0.01%
```

Run 8: Report of Copa — Data Link

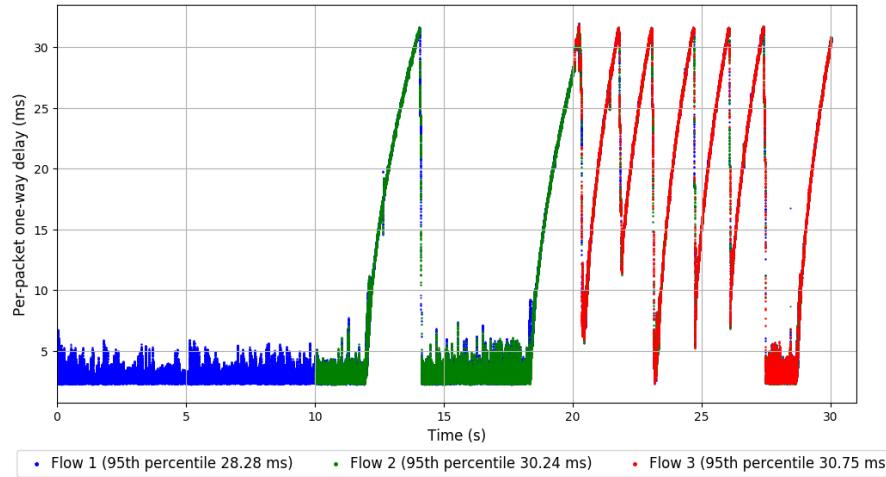
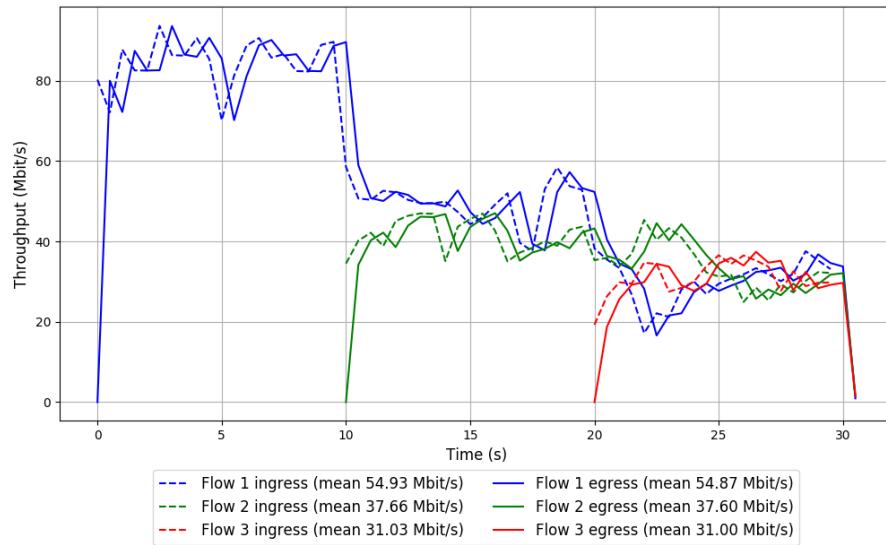


Run 9: Statistics of Copa

```
Start at: 2018-07-24 17:11:35
End at: 2018-07-24 17:12:05
Local clock offset: -2.482 ms
Remote clock offset: -1.482 ms

# Below is generated by plot.py at 2018-07-24 17:42:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.23 Mbit/s
95th percentile per-packet one-way delay: 29.662 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 54.87 Mbit/s
95th percentile per-packet one-way delay: 28.280 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 37.60 Mbit/s
95th percentile per-packet one-way delay: 30.242 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 31.00 Mbit/s
95th percentile per-packet one-way delay: 30.751 ms
Loss rate: 0.05%
```

Run 9: Report of Copa — Data Link

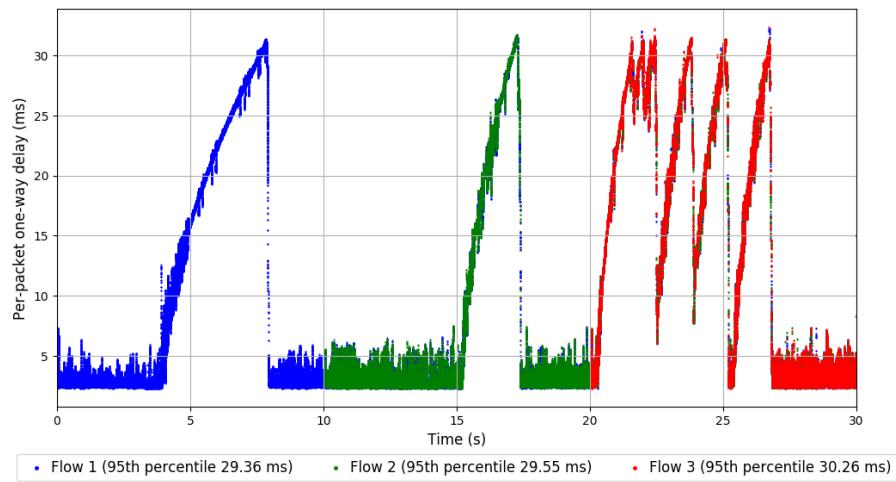
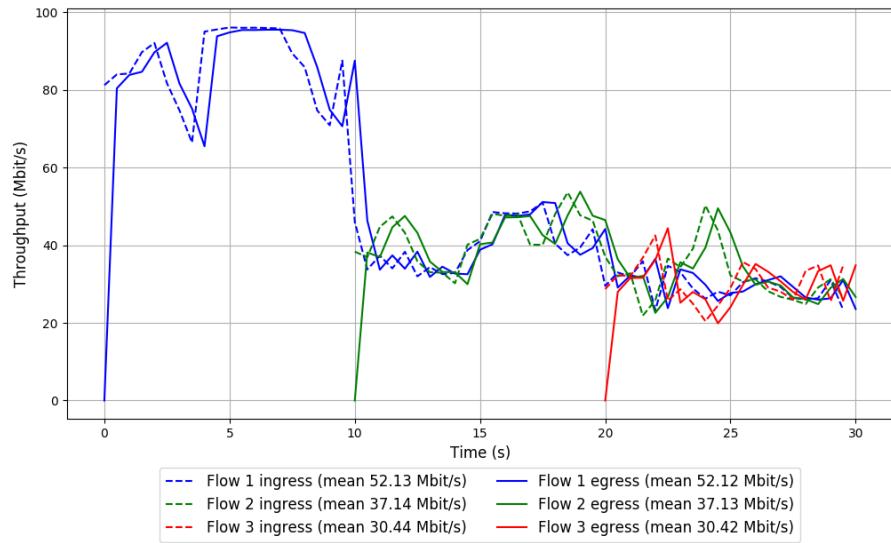


Run 10: Statistics of Copa

```
Start at: 2018-07-24 17:30:47
End at: 2018-07-24 17:31:17
Local clock offset: -1.815 ms
Remote clock offset: -1.405 ms

# Below is generated by plot.py at 2018-07-24 17:42:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.96 Mbit/s
95th percentile per-packet one-way delay: 29.579 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 52.12 Mbit/s
95th percentile per-packet one-way delay: 29.357 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 37.13 Mbit/s
95th percentile per-packet one-way delay: 29.551 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 30.42 Mbit/s
95th percentile per-packet one-way delay: 30.259 ms
Loss rate: 0.04%
```

Run 10: Report of Copa — Data Link

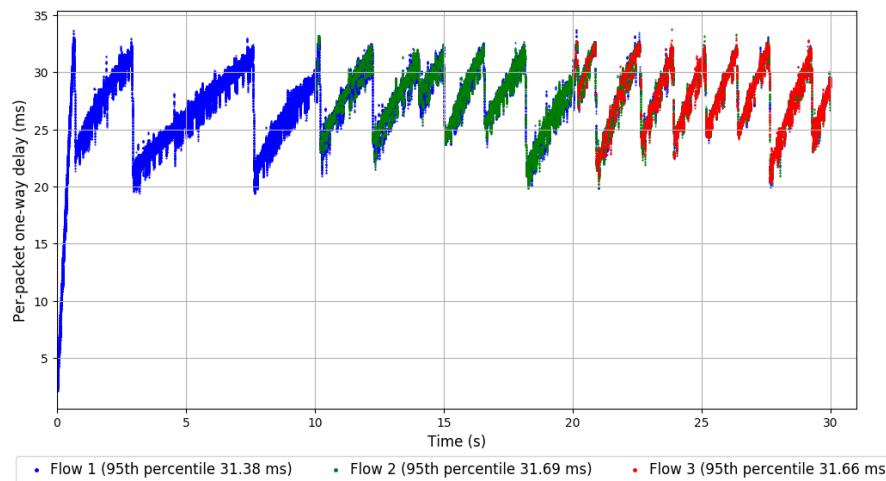
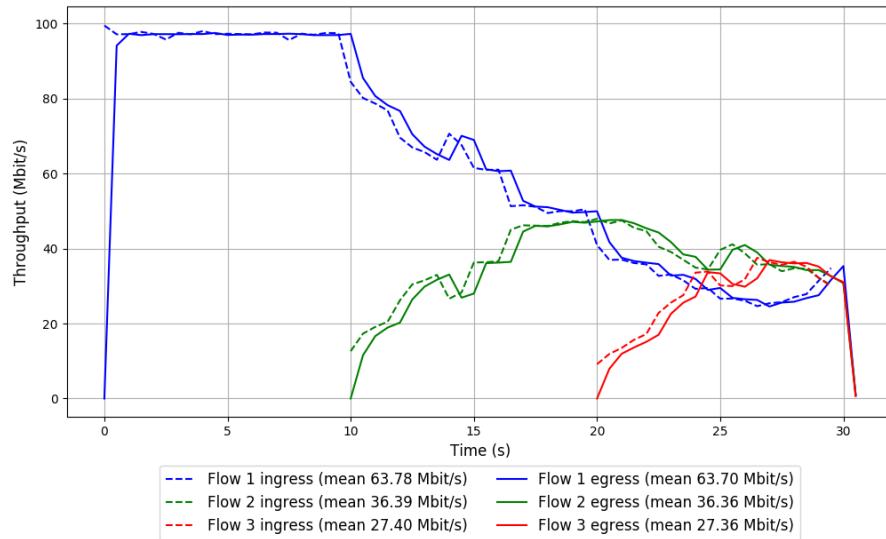


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2018-07-24 14:34:34
End at: 2018-07-24 14:35:04
Local clock offset: -2.935 ms
Remote clock offset: -1.795 ms

# Below is generated by plot.py at 2018-07-24 17:42:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.98 Mbit/s
95th percentile per-packet one-way delay: 31.481 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 63.70 Mbit/s
95th percentile per-packet one-way delay: 31.379 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 36.36 Mbit/s
95th percentile per-packet one-way delay: 31.690 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 27.36 Mbit/s
95th percentile per-packet one-way delay: 31.655 ms
Loss rate: 0.13%
```

Run 1: Report of TCP Cubic — Data Link

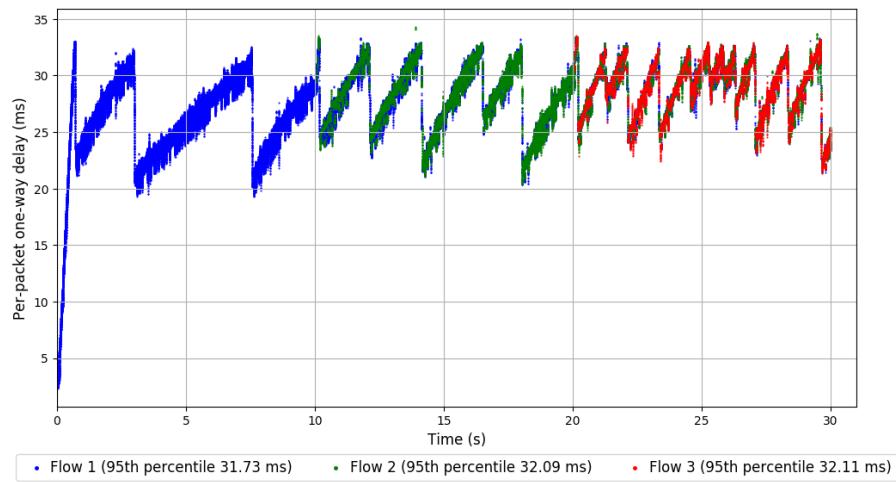
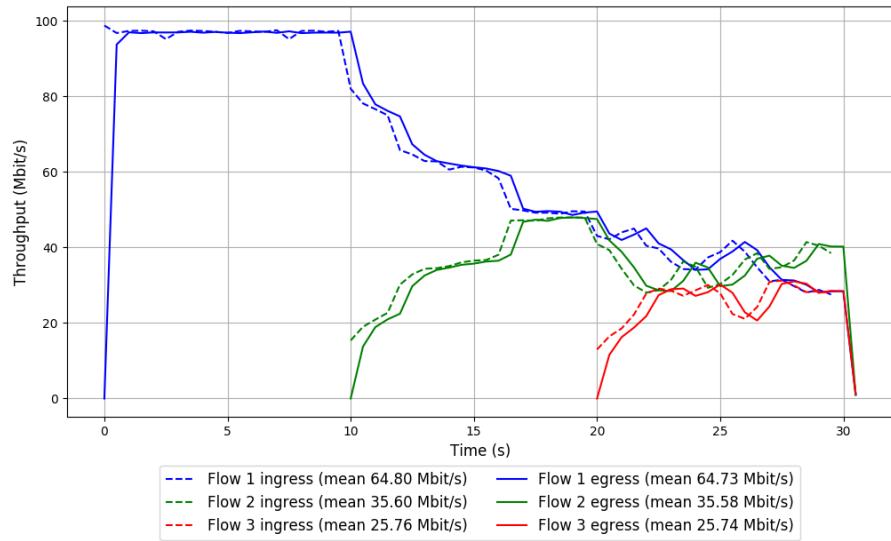


Run 2: Statistics of TCP Cubic

```
Start at: 2018-07-24 14:53:47
End at: 2018-07-24 14:54:17
Local clock offset: -7.311 ms
Remote clock offset: -3.693 ms

# Below is generated by plot.py at 2018-07-24 17:42:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.97 Mbit/s
95th percentile per-packet one-way delay: 31.862 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 64.73 Mbit/s
95th percentile per-packet one-way delay: 31.727 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 35.58 Mbit/s
95th percentile per-packet one-way delay: 32.085 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 25.74 Mbit/s
95th percentile per-packet one-way delay: 32.109 ms
Loss rate: 0.13%
```

Run 2: Report of TCP Cubic — Data Link

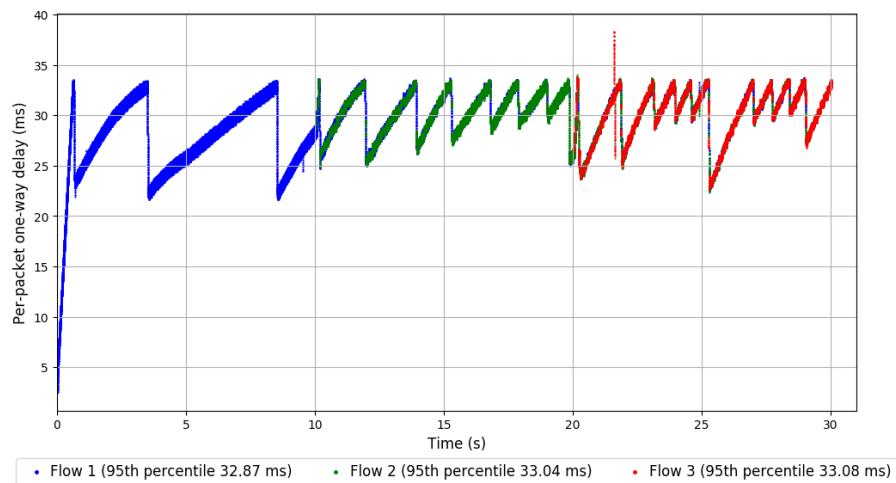
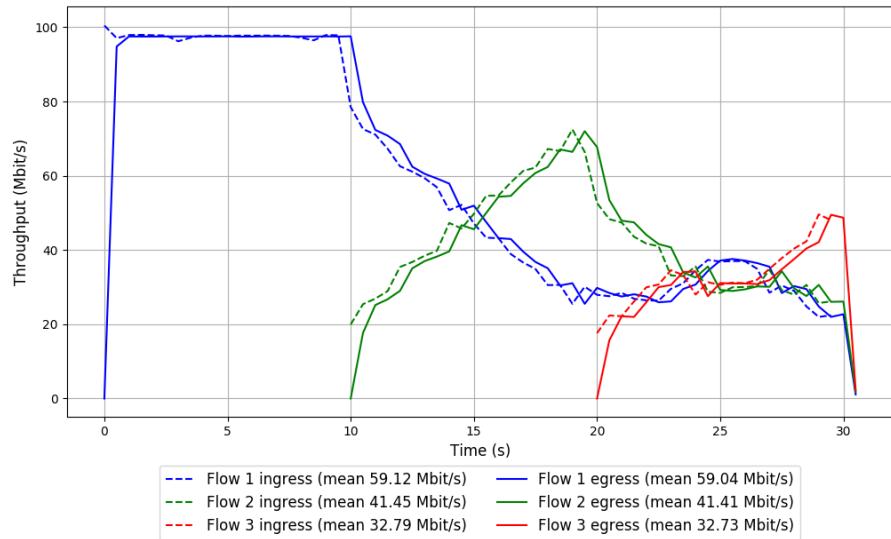


Run 3: Statistics of TCP Cubic

```
Start at: 2018-07-24 15:12:59
End at: 2018-07-24 15:13:29
Local clock offset: -1.869 ms
Remote clock offset: -7.869 ms

# Below is generated by plot.py at 2018-07-24 17:42:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.986 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 59.04 Mbit/s
95th percentile per-packet one-way delay: 32.874 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 41.41 Mbit/s
95th percentile per-packet one-way delay: 33.038 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 32.73 Mbit/s
95th percentile per-packet one-way delay: 33.078 ms
Loss rate: 0.13%
```

Run 3: Report of TCP Cubic — Data Link

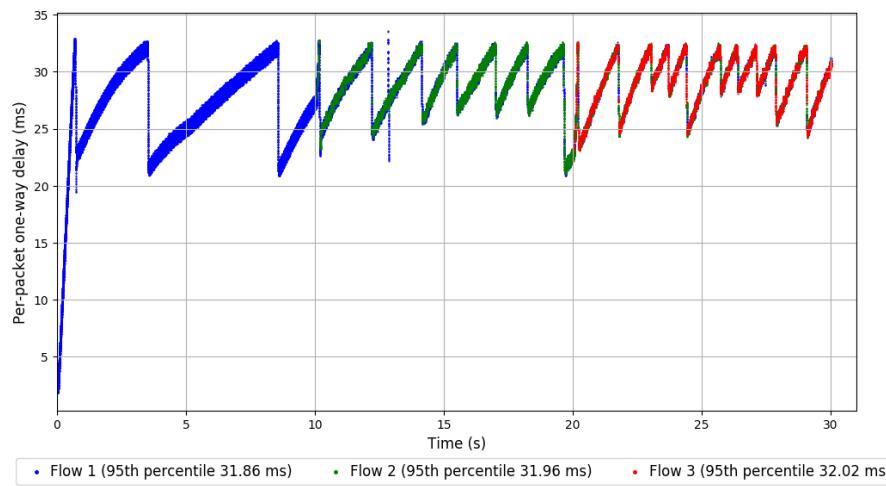
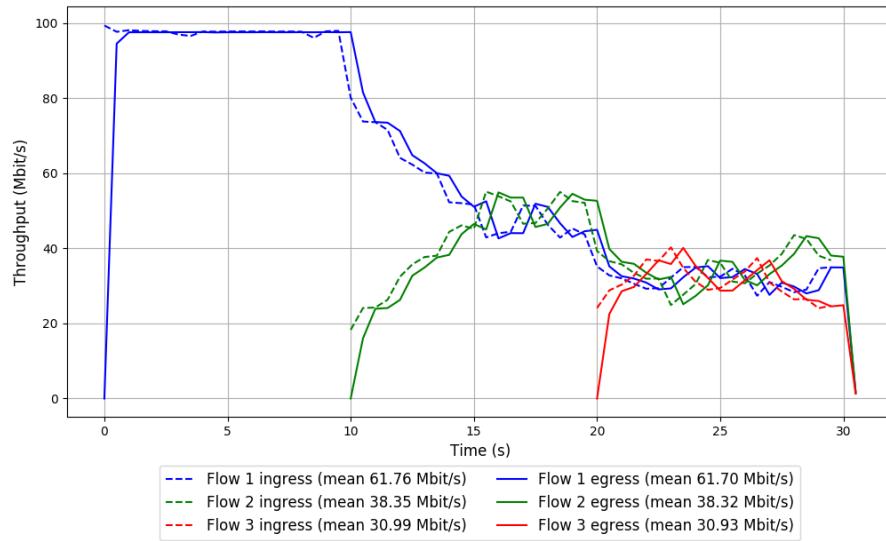


Run 4: Statistics of TCP Cubic

```
Start at: 2018-07-24 15:32:11
End at: 2018-07-24 15:32:41
Local clock offset: 0.587 ms
Remote clock offset: -8.076 ms

# Below is generated by plot.py at 2018-07-24 17:42:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 31.903 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 61.70 Mbit/s
95th percentile per-packet one-way delay: 31.860 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 38.32 Mbit/s
95th percentile per-packet one-way delay: 31.960 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 30.93 Mbit/s
95th percentile per-packet one-way delay: 32.019 ms
Loss rate: 0.10%
```

Run 4: Report of TCP Cubic — Data Link

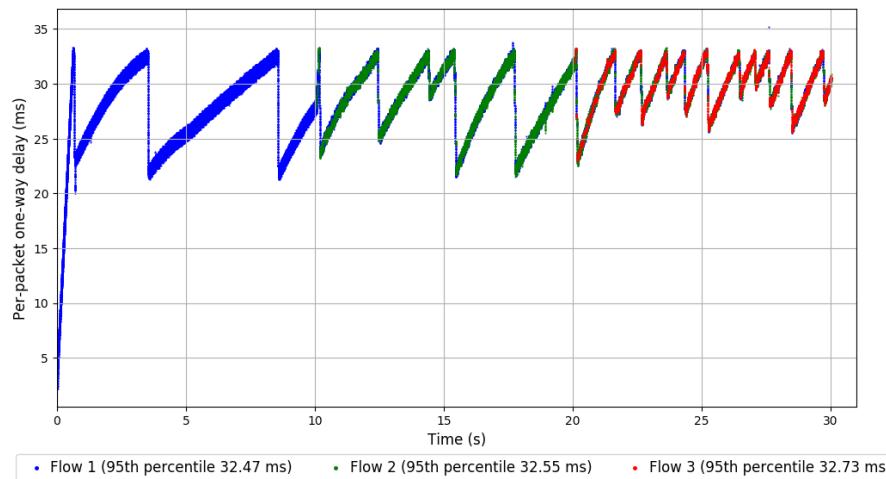
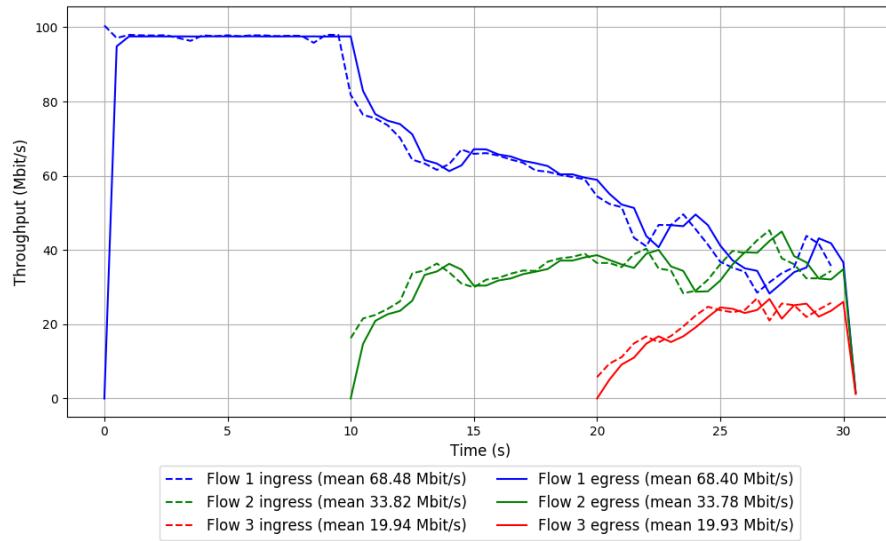


Run 5: Statistics of TCP Cubic

```
Start at: 2018-07-24 15:51:23
End at: 2018-07-24 15:51:54
Local clock offset: -7.361 ms
Remote clock offset: -8.429 ms

# Below is generated by plot.py at 2018-07-24 17:42:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 32.509 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 68.40 Mbit/s
95th percentile per-packet one-way delay: 32.468 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 33.78 Mbit/s
95th percentile per-packet one-way delay: 32.548 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 19.93 Mbit/s
95th percentile per-packet one-way delay: 32.735 ms
Loss rate: 0.08%
```

Run 5: Report of TCP Cubic — Data Link

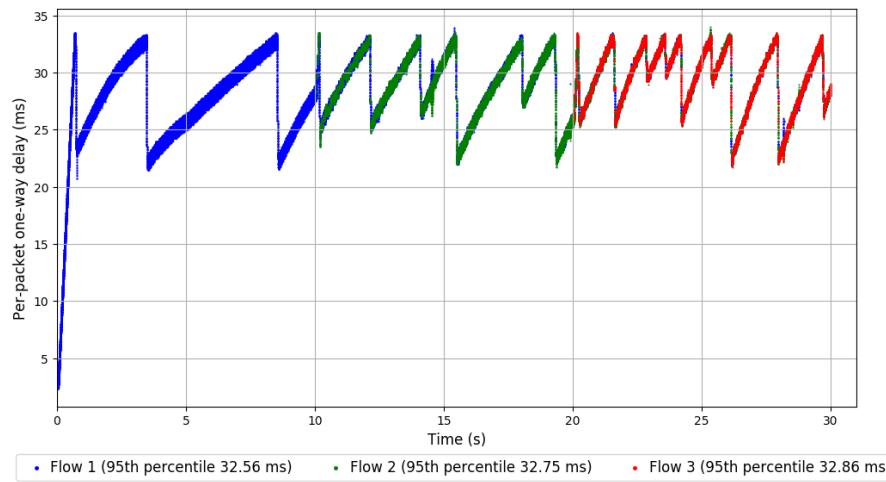
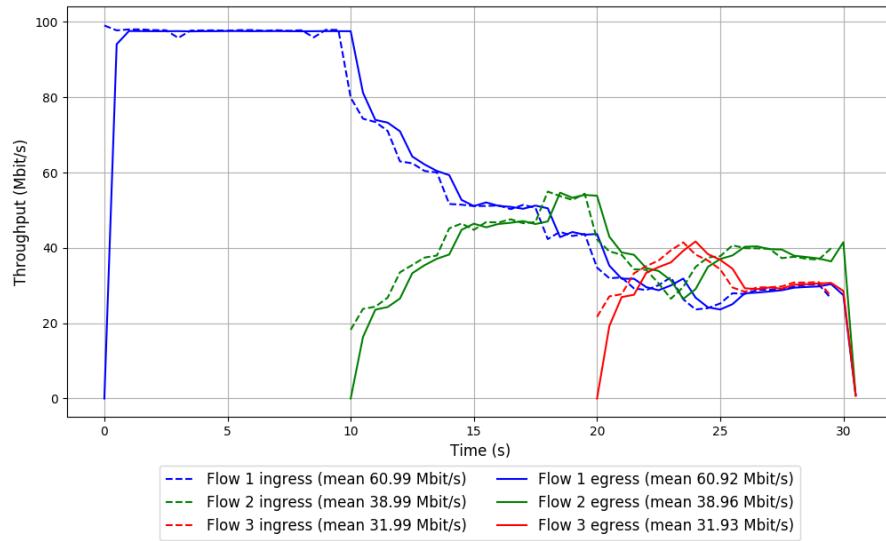


Run 6: Statistics of TCP Cubic

```
Start at: 2018-07-24 16:10:35
End at: 2018-07-24 16:11:05
Local clock offset: -7.563 ms
Remote clock offset: -7.269 ms

# Below is generated by plot.py at 2018-07-24 17:43:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 32.724 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 60.92 Mbit/s
95th percentile per-packet one-way delay: 32.565 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 38.96 Mbit/s
95th percentile per-packet one-way delay: 32.751 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 31.93 Mbit/s
95th percentile per-packet one-way delay: 32.856 ms
Loss rate: 0.16%
```

Run 6: Report of TCP Cubic — Data Link

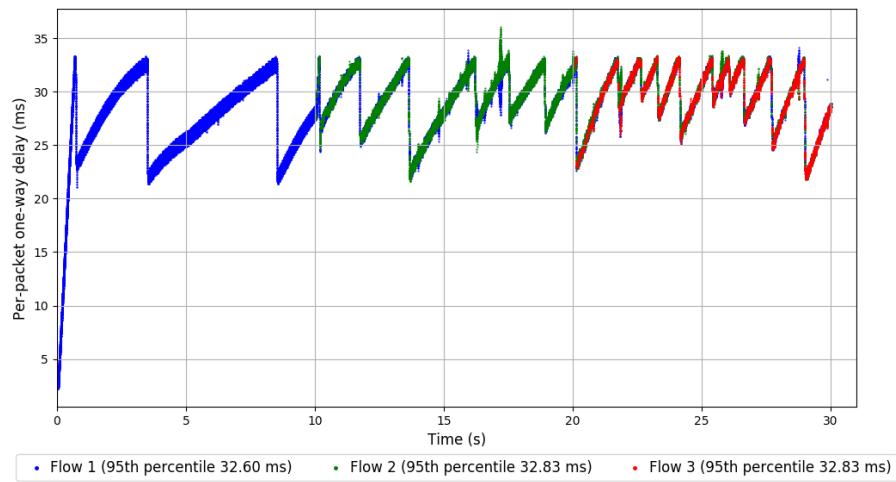
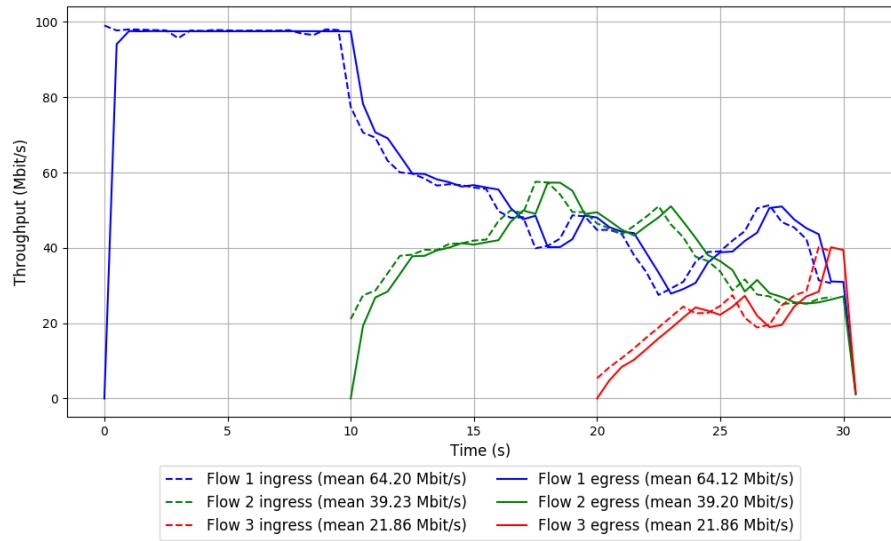


Run 7: Statistics of TCP Cubic

```
Start at: 2018-07-24 16:29:48
End at: 2018-07-24 16:30:18
Local clock offset: -7.531 ms
Remote clock offset: -7.374 ms

# Below is generated by plot.py at 2018-07-24 17:43:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.632 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 64.12 Mbit/s
95th percentile per-packet one-way delay: 32.600 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 39.20 Mbit/s
95th percentile per-packet one-way delay: 32.827 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 21.86 Mbit/s
95th percentile per-packet one-way delay: 32.834 ms
Loss rate: 0.06%
```

Run 7: Report of TCP Cubic — Data Link

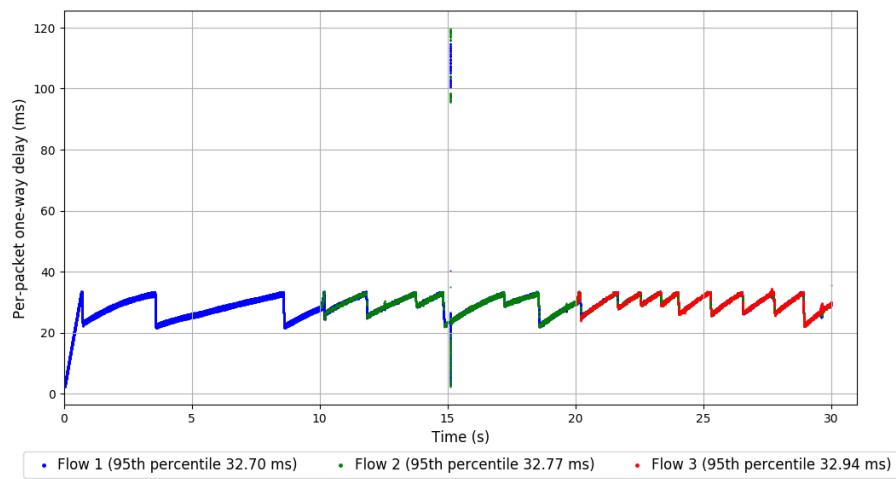
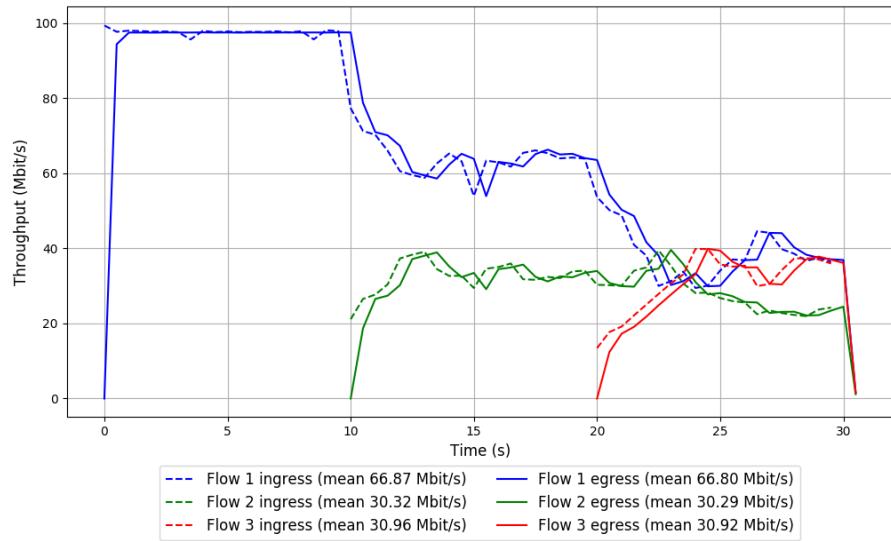


Run 8: Statistics of TCP Cubic

```
Start at: 2018-07-24 16:49:00
End at: 2018-07-24 16:49:30
Local clock offset: -3.701 ms
Remote clock offset: -2.514 ms

# Below is generated by plot.py at 2018-07-24 17:43:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.22 Mbit/s
95th percentile per-packet one-way delay: 32.729 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 66.80 Mbit/s
95th percentile per-packet one-way delay: 32.704 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 30.29 Mbit/s
95th percentile per-packet one-way delay: 32.768 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 30.92 Mbit/s
95th percentile per-packet one-way delay: 32.942 ms
Loss rate: 0.08%
```

Run 8: Report of TCP Cubic — Data Link

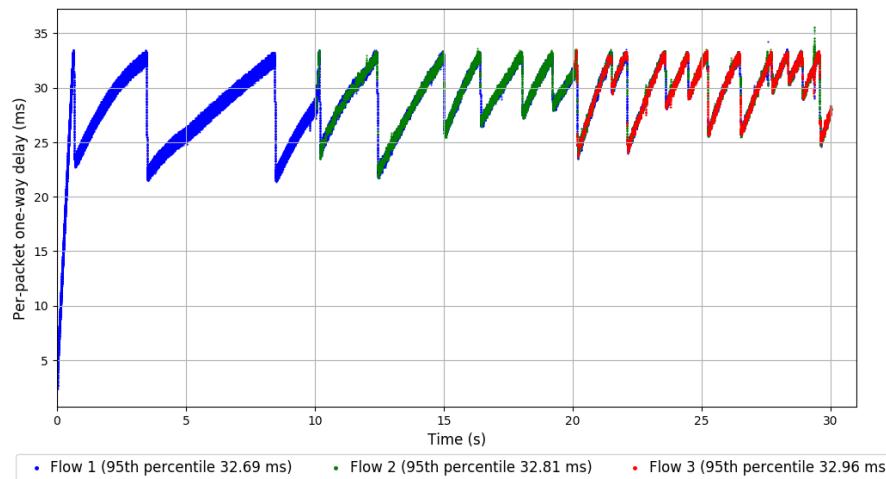
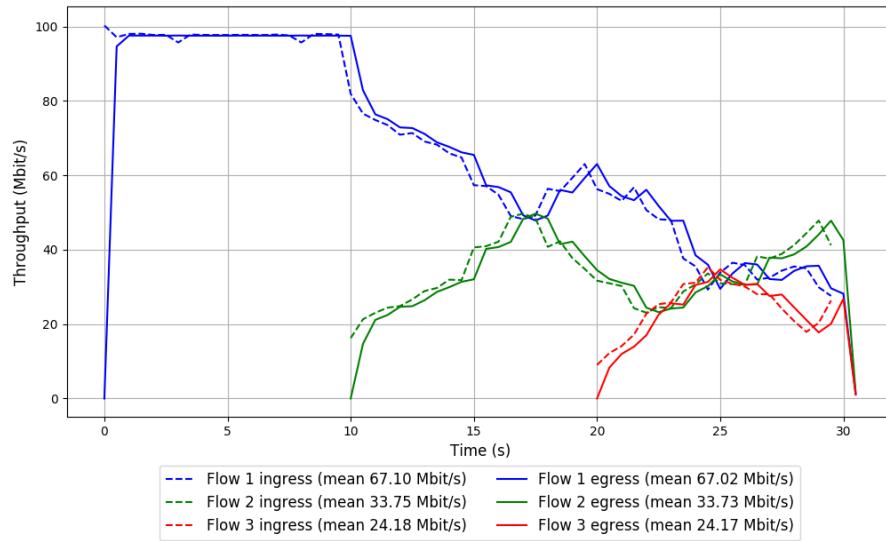


Run 9: Statistics of TCP Cubic

```
Start at: 2018-07-24 17:08:12
End at: 2018-07-24 17:08:42
Local clock offset: -2.612 ms
Remote clock offset: -1.3 ms

# Below is generated by plot.py at 2018-07-24 17:43:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 32.754 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 67.02 Mbit/s
95th percentile per-packet one-way delay: 32.686 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 33.73 Mbit/s
95th percentile per-packet one-way delay: 32.811 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 24.17 Mbit/s
95th percentile per-packet one-way delay: 32.961 ms
Loss rate: 0.05%
```

Run 9: Report of TCP Cubic — Data Link

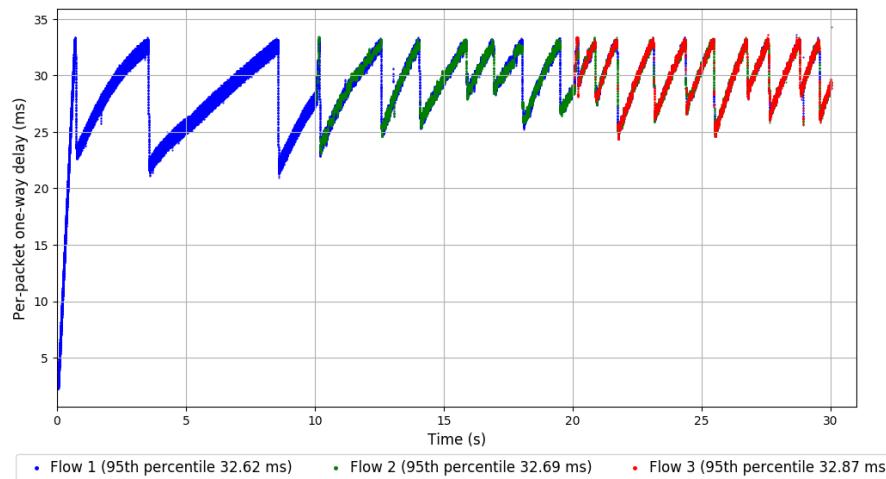
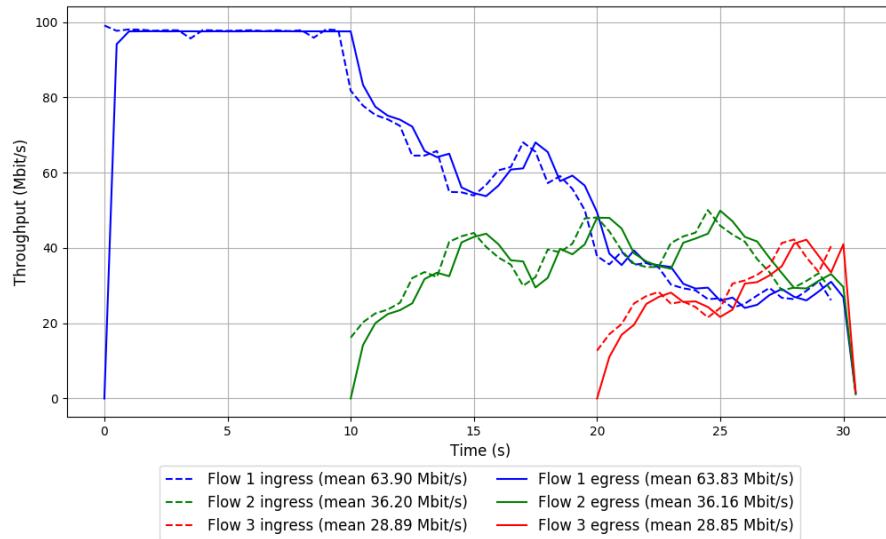


```
Run 10: Statistics of TCP Cubic
```

```
Start at: 2018-07-24 17:27:23
End at: 2018-07-24 17:27:53
Local clock offset: -1.93 ms
Remote clock offset: -1.581 ms

# Below is generated by plot.py at 2018-07-24 17:43:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 32.654 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 63.83 Mbit/s
95th percentile per-packet one-way delay: 32.617 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 36.16 Mbit/s
95th percentile per-packet one-way delay: 32.692 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 28.85 Mbit/s
95th percentile per-packet one-way delay: 32.870 ms
Loss rate: 0.14%
```

Run 10: Report of TCP Cubic — Data Link

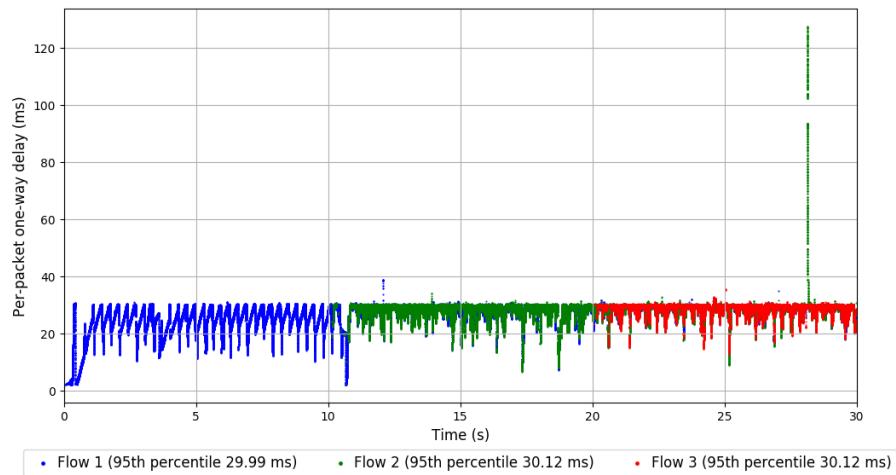
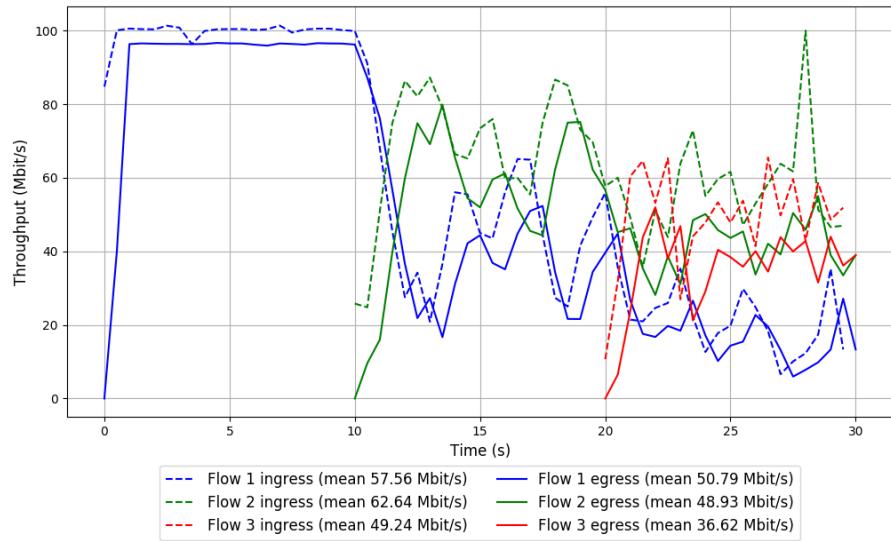


```
Run 1: Statistics of FillP
```

```
Start at: 2018-07-24 14:40:16
End at: 2018-07-24 14:40:46
Local clock offset: -5.024 ms
Remote clock offset: -1.732 ms

# Below is generated by plot.py at 2018-07-24 17:43:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.47 Mbit/s
95th percentile per-packet one-way delay: 30.070 ms
Loss rate: 17.33%
-- Flow 1:
Average throughput: 50.79 Mbit/s
95th percentile per-packet one-way delay: 29.993 ms
Loss rate: 11.68%
-- Flow 2:
Average throughput: 48.93 Mbit/s
95th percentile per-packet one-way delay: 30.119 ms
Loss rate: 21.88%
-- Flow 3:
Average throughput: 36.62 Mbit/s
95th percentile per-packet one-way delay: 30.120 ms
Loss rate: 25.60%
```

Run 1: Report of FillP — Data Link

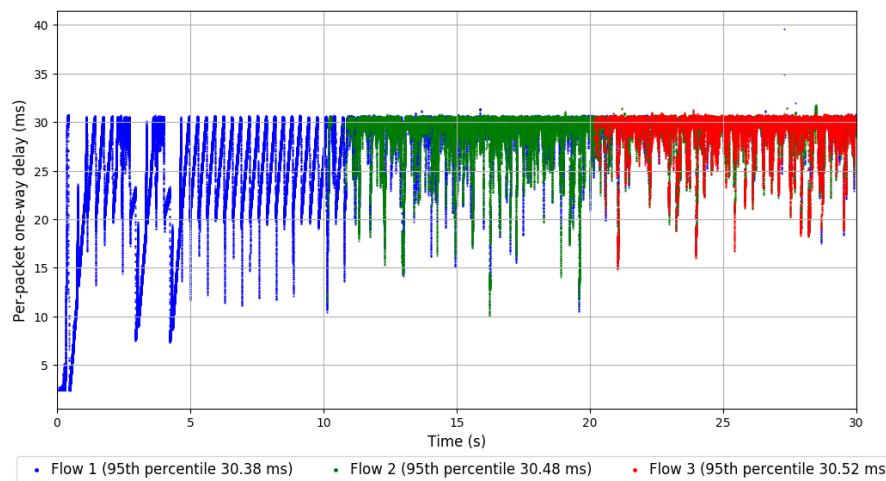
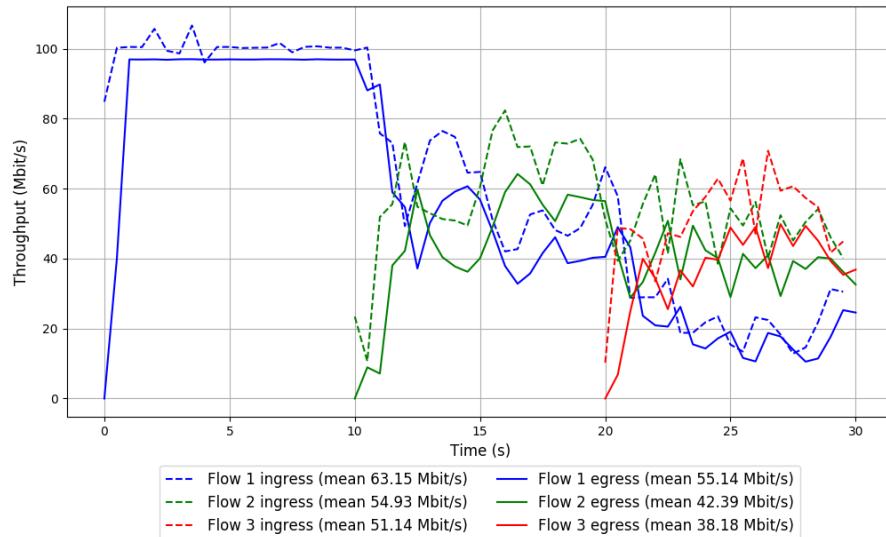


Run 2: Statistics of FillP

```
Start at: 2018-07-24 14:59:29
End at: 2018-07-24 14:59:59
Local clock offset: -7.864 ms
Remote clock offset: -5.546 ms

# Below is generated by plot.py at 2018-07-24 17:43:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.99 Mbit/s
95th percentile per-packet one-way delay: 30.453 ms
Loss rate: 17.66%
-- Flow 1:
Average throughput: 55.14 Mbit/s
95th percentile per-packet one-way delay: 30.378 ms
Loss rate: 12.60%
-- Flow 2:
Average throughput: 42.39 Mbit/s
95th percentile per-packet one-way delay: 30.484 ms
Loss rate: 22.82%
-- Flow 3:
Average throughput: 38.18 Mbit/s
95th percentile per-packet one-way delay: 30.521 ms
Loss rate: 25.33%
```

Run 2: Report of FillP — Data Link

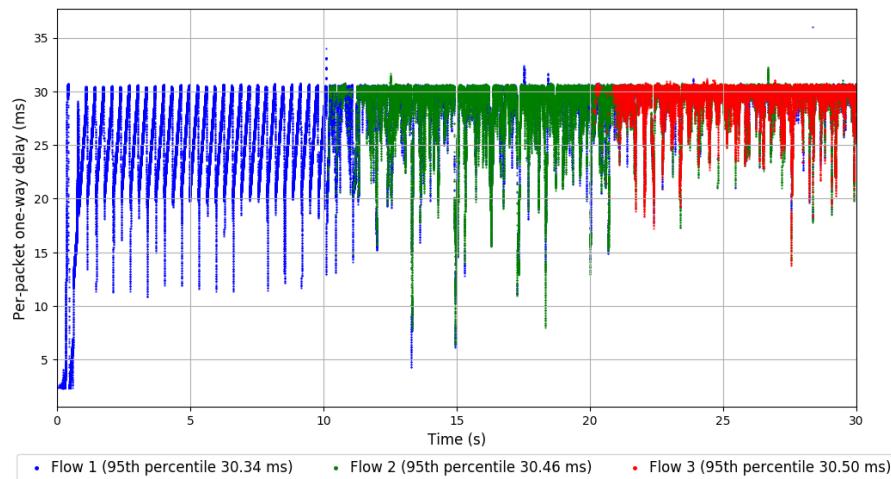
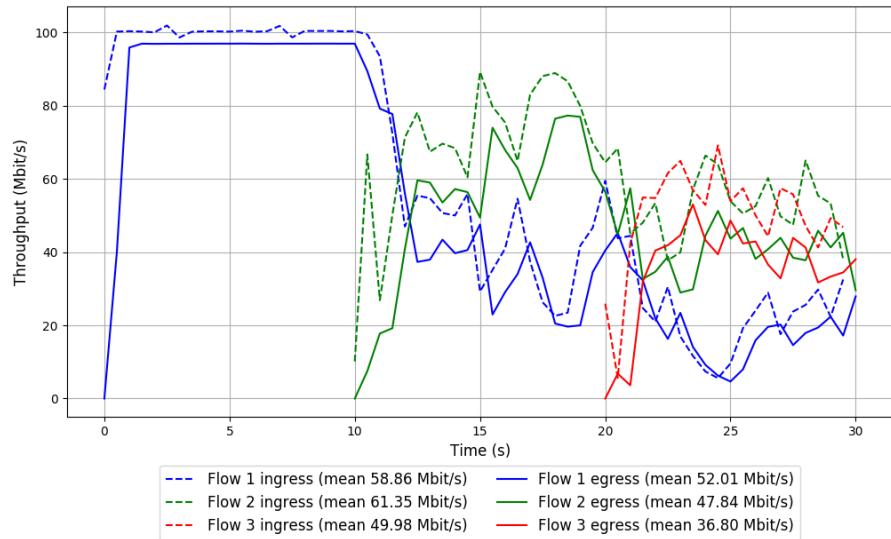


Run 3: Statistics of FillP

```
Start at: 2018-07-24 15:18:41
End at: 2018-07-24 15:19:11
Local clock offset: -0.613 ms
Remote clock offset: -8.575 ms

# Below is generated by plot.py at 2018-07-24 17:44:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.01 Mbit/s
95th percentile per-packet one-way delay: 30.430 ms
Loss rate: 17.34%
-- Flow 1:
Average throughput: 52.01 Mbit/s
95th percentile per-packet one-way delay: 30.341 ms
Loss rate: 11.56%
-- Flow 2:
Average throughput: 47.84 Mbit/s
95th percentile per-packet one-way delay: 30.465 ms
Loss rate: 22.01%
-- Flow 3:
Average throughput: 36.80 Mbit/s
95th percentile per-packet one-way delay: 30.500 ms
Loss rate: 26.37%
```

Run 3: Report of FillP — Data Link

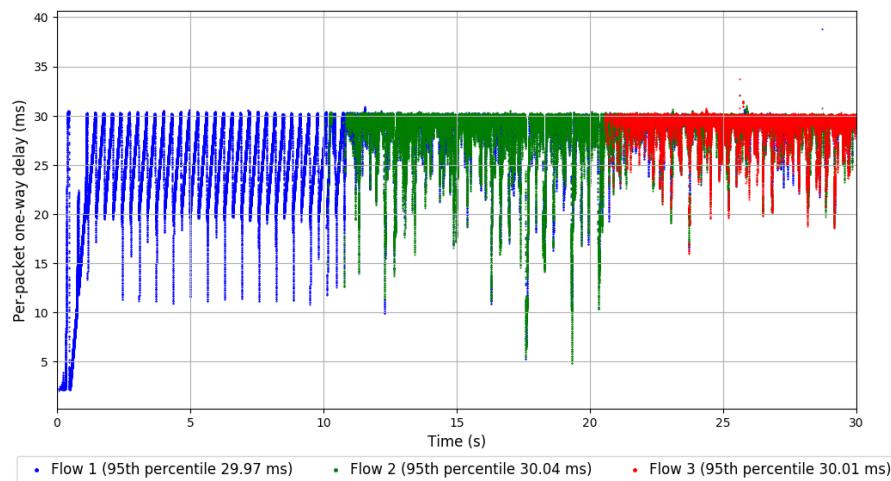
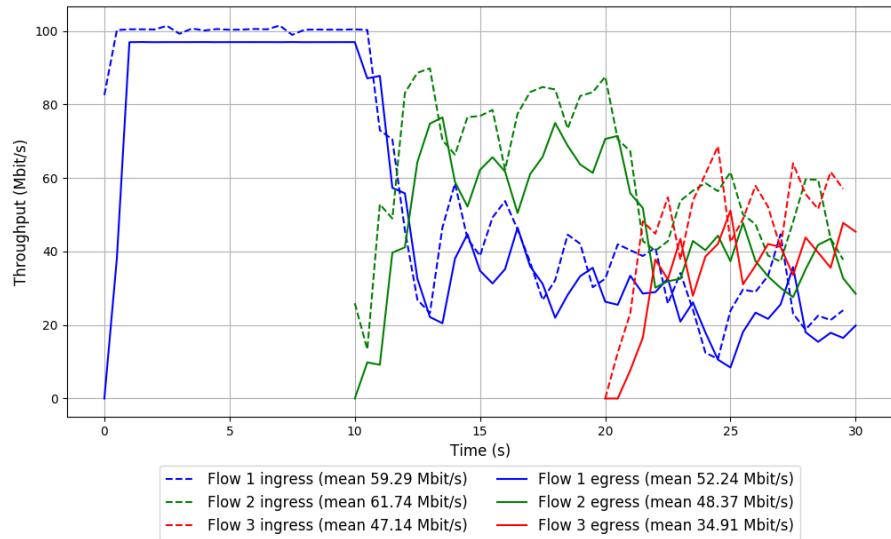


Run 4: Statistics of FillP

```
Start at: 2018-07-24 15:37:53
End at: 2018-07-24 15:38:23
Local clock offset: -3.545 ms
Remote clock offset: -7.942 ms

# Below is generated by plot.py at 2018-07-24 17:44:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.99 Mbit/s
95th percentile per-packet one-way delay: 30.009 ms
Loss rate: 17.20%
-- Flow 1:
Average throughput: 52.24 Mbit/s
95th percentile per-packet one-way delay: 29.974 ms
Loss rate: 11.81%
-- Flow 2:
Average throughput: 48.37 Mbit/s
95th percentile per-packet one-way delay: 30.038 ms
Loss rate: 21.65%
-- Flow 3:
Average throughput: 34.91 Mbit/s
95th percentile per-packet one-way delay: 30.009 ms
Loss rate: 25.93%
```

Run 4: Report of FillP — Data Link

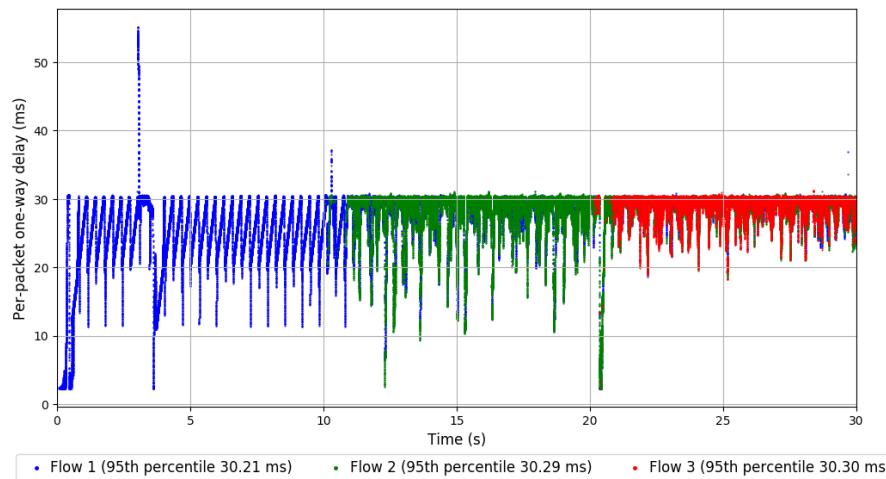
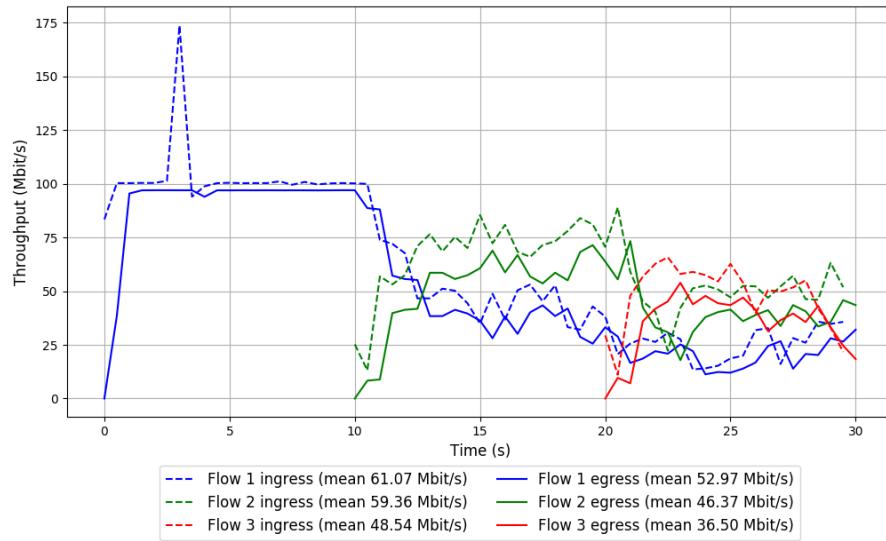


Run 5: Statistics of FillP

```
Start at: 2018-07-24 15:57:05
End at: 2018-07-24 15:57:35
Local clock offset: -8.078 ms
Remote clock offset: -8.576 ms

# Below is generated by plot.py at 2018-07-24 17:44:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.87 Mbit/s
95th percentile per-packet one-way delay: 30.260 ms
Loss rate: 17.73%
-- Flow 1:
Average throughput: 52.97 Mbit/s
95th percentile per-packet one-way delay: 30.206 ms
Loss rate: 13.18%
-- Flow 2:
Average throughput: 46.37 Mbit/s
95th percentile per-packet one-way delay: 30.285 ms
Loss rate: 21.87%
-- Flow 3:
Average throughput: 36.50 Mbit/s
95th percentile per-packet one-way delay: 30.295 ms
Loss rate: 24.81%
```

Run 5: Report of FillP — Data Link

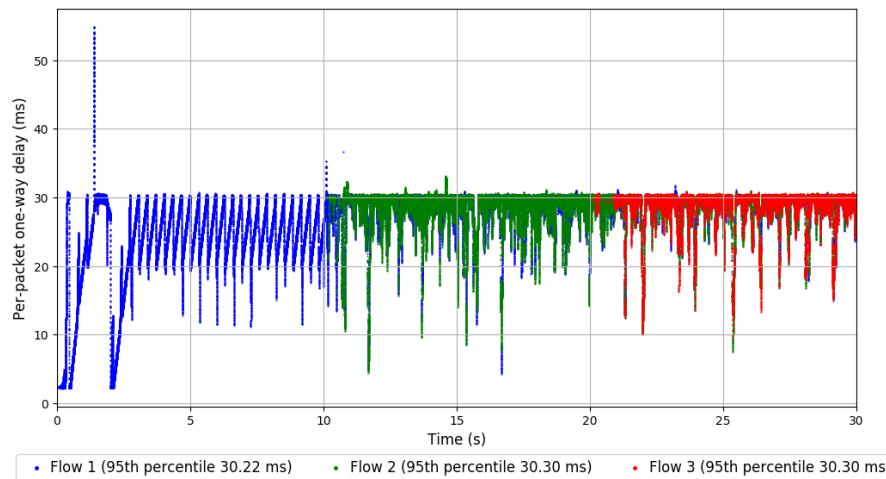
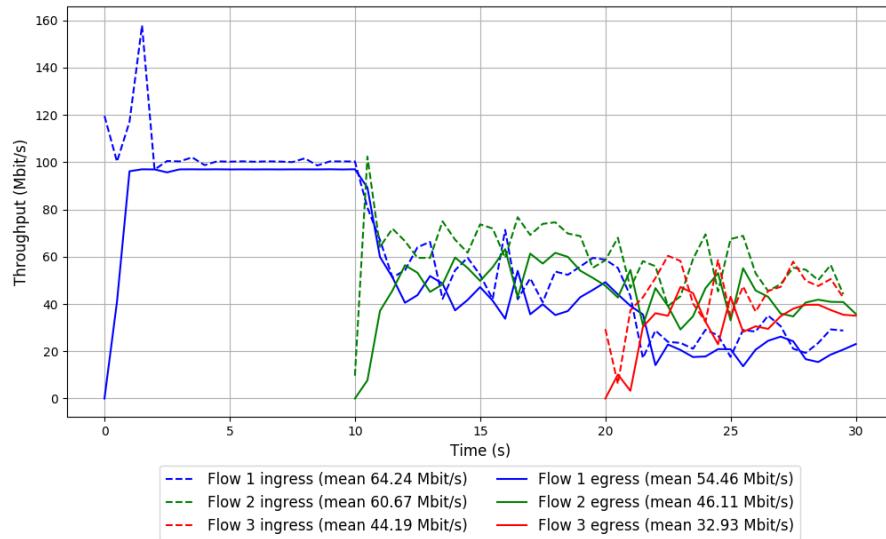


Run 6: Statistics of FillP

```
Start at: 2018-07-24 16:16:17
End at: 2018-07-24 16:16:47
Local clock offset: -7.395 ms
Remote clock offset: -7.247 ms

# Below is generated by plot.py at 2018-07-24 17:44:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.01 Mbit/s
95th percentile per-packet one-way delay: 30.273 ms
Loss rate: 19.40%
-- Flow 1:
Average throughput: 54.46 Mbit/s
95th percentile per-packet one-way delay: 30.222 ms
Loss rate: 15.13%
-- Flow 2:
Average throughput: 46.11 Mbit/s
95th percentile per-packet one-way delay: 30.304 ms
Loss rate: 23.99%
-- Flow 3:
Average throughput: 32.93 Mbit/s
95th percentile per-packet one-way delay: 30.296 ms
Loss rate: 25.48%
```

Run 6: Report of FillP — Data Link

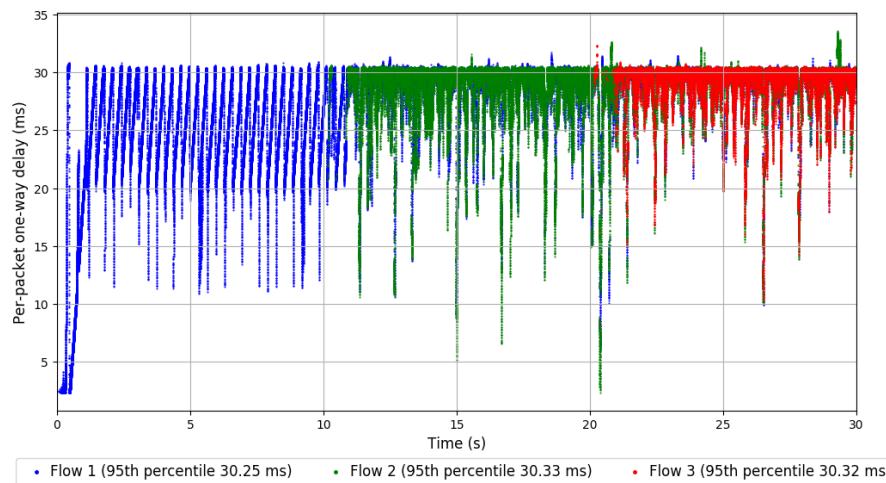
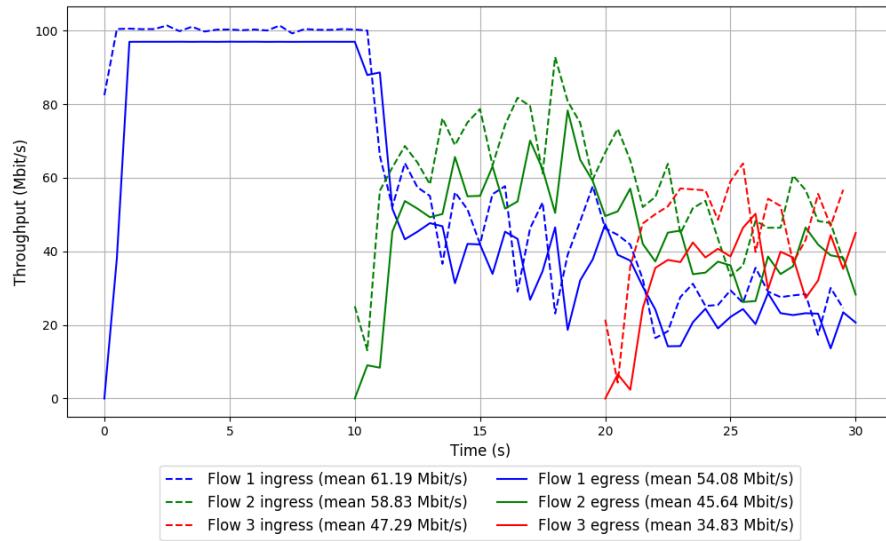


Run 7: Statistics of FillP

```
Start at: 2018-07-24 16:35:29
End at: 2018-07-24 16:35:59
Local clock offset: -6.077 ms
Remote clock offset: -5.731 ms

# Below is generated by plot.py at 2018-07-24 17:44:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.99 Mbit/s
95th percentile per-packet one-way delay: 30.299 ms
Loss rate: 17.19%
-- Flow 1:
Average throughput: 54.08 Mbit/s
95th percentile per-packet one-way delay: 30.247 ms
Loss rate: 11.53%
-- Flow 2:
Average throughput: 45.64 Mbit/s
95th percentile per-packet one-way delay: 30.328 ms
Loss rate: 22.41%
-- Flow 3:
Average throughput: 34.83 Mbit/s
95th percentile per-packet one-way delay: 30.317 ms
Loss rate: 26.28%
```

Run 7: Report of FillP — Data Link

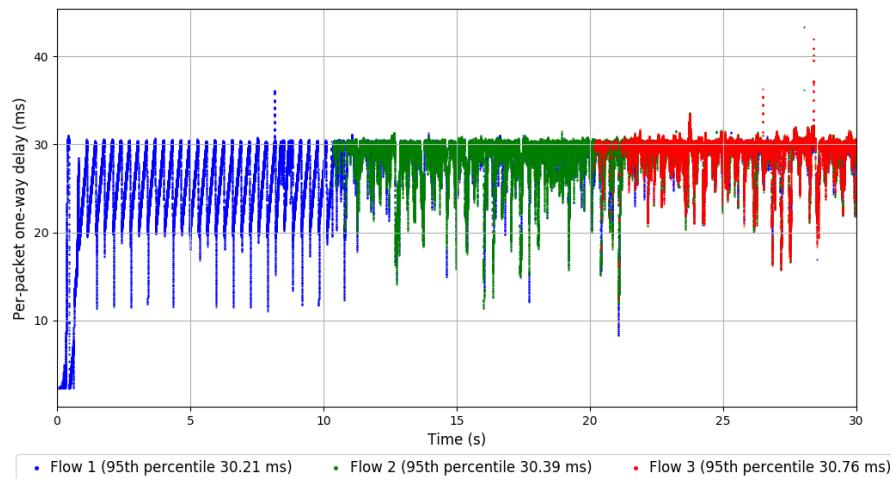
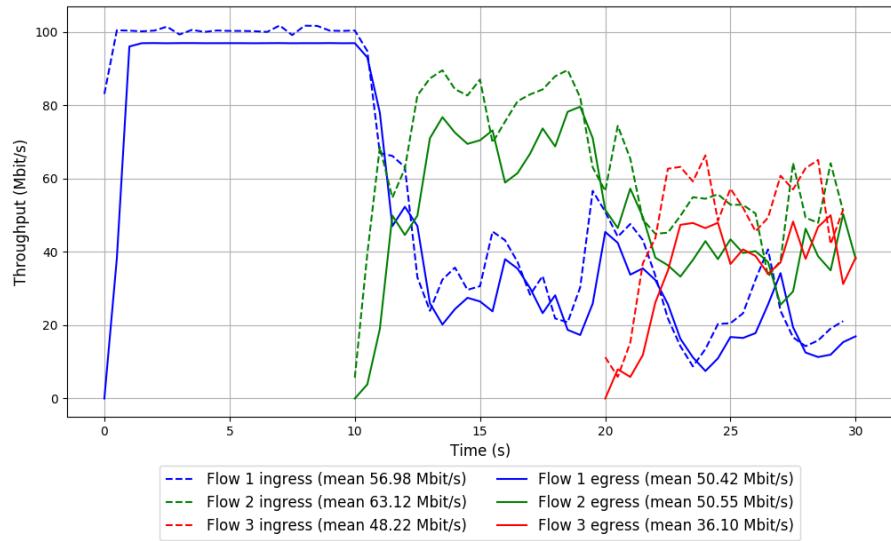


Run 8: Statistics of FillP

```
Start at: 2018-07-24 16:54:41
End at: 2018-07-24 16:55:11
Local clock offset: -3.31 ms
Remote clock offset: -1.999 ms

# Below is generated by plot.py at 2018-07-24 17:44:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 30.337 ms
Loss rate: 16.43%
-- Flow 1:
Average throughput: 50.42 Mbit/s
95th percentile per-packet one-way delay: 30.210 ms
Loss rate: 11.44%
-- Flow 2:
Average throughput: 50.55 Mbit/s
95th percentile per-packet one-way delay: 30.394 ms
Loss rate: 19.91%
-- Flow 3:
Average throughput: 36.10 Mbit/s
95th percentile per-packet one-way delay: 30.761 ms
Loss rate: 25.08%
```

Run 8: Report of FillP — Data Link

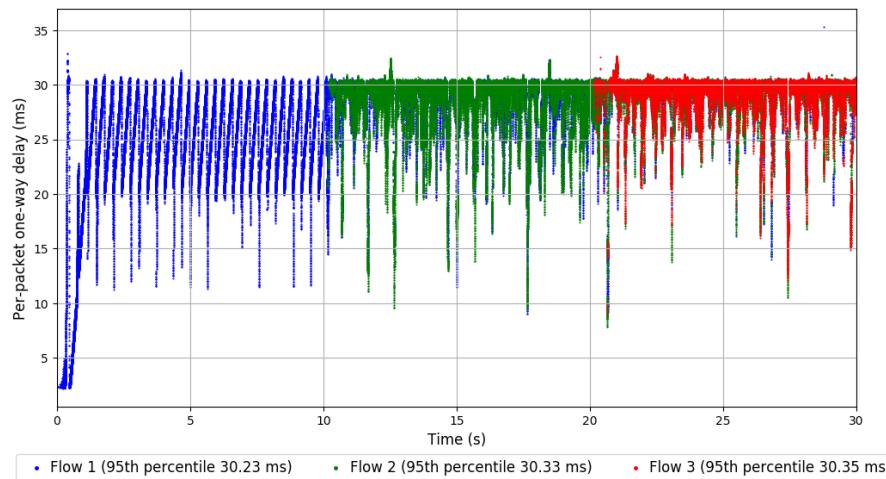
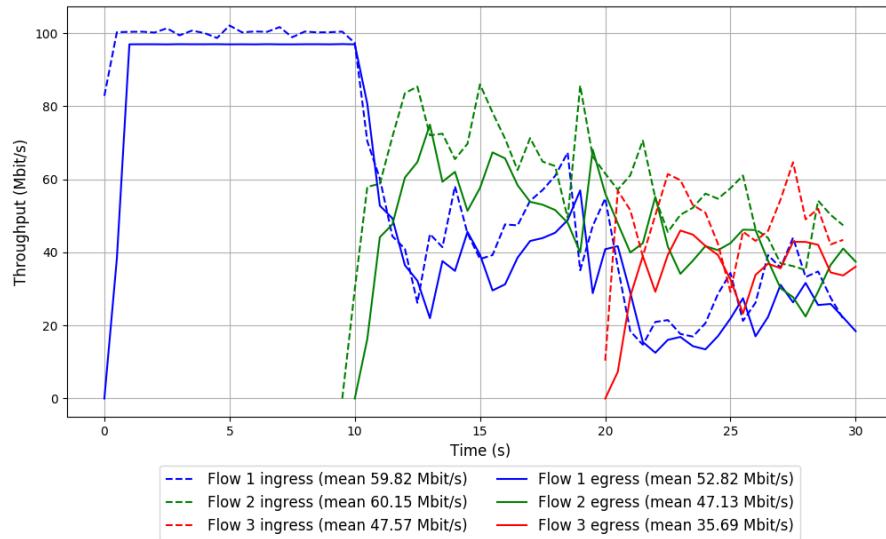


Run 9: Statistics of FillP

```
Start at: 2018-07-24 17:13:53
End at: 2018-07-24 17:14:23
Local clock offset: -2.378 ms
Remote clock offset: -1.572 ms

# Below is generated by plot.py at 2018-07-24 17:45:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.00 Mbit/s
95th percentile per-packet one-way delay: 30.302 ms
Loss rate: 16.92%
-- Flow 1:
Average throughput: 52.82 Mbit/s
95th percentile per-packet one-way delay: 30.232 ms
Loss rate: 11.62%
-- Flow 2:
Average throughput: 47.13 Mbit/s
95th percentile per-packet one-way delay: 30.330 ms
Loss rate: 21.65%
-- Flow 3:
Average throughput: 35.69 Mbit/s
95th percentile per-packet one-way delay: 30.350 ms
Loss rate: 24.97%
```

Run 9: Report of FillP — Data Link

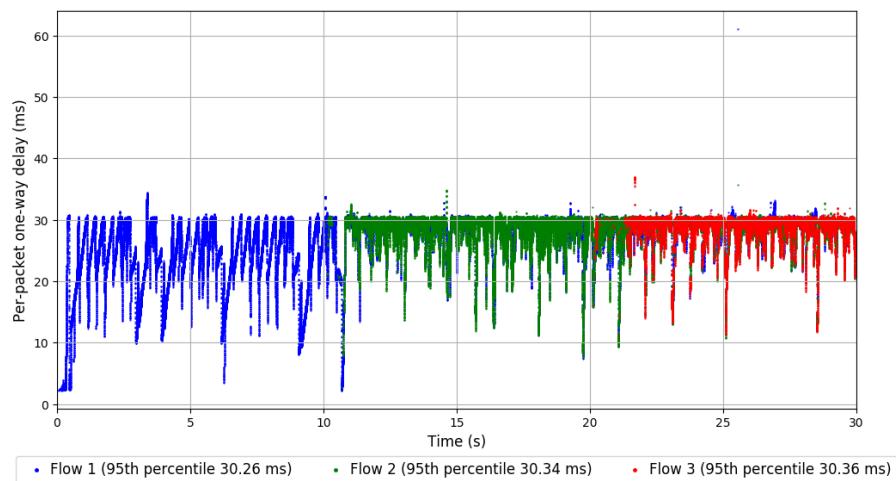
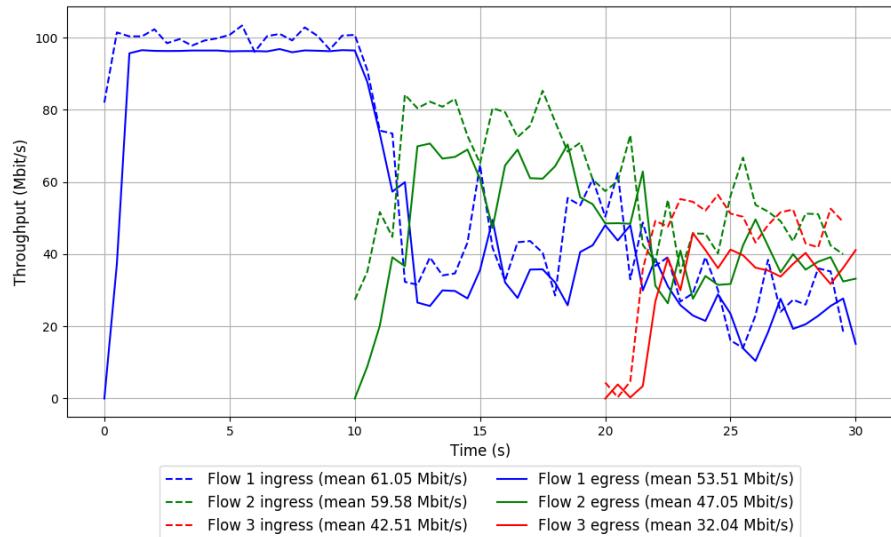


Run 10: Statistics of FillP

```
Start at: 2018-07-24 17:33:05
End at: 2018-07-24 17:33:35
Local clock offset: -1.776 ms
Remote clock offset: -1.351 ms

# Below is generated by plot.py at 2018-07-24 17:45:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.40 Mbit/s
95th percentile per-packet one-way delay: 30.315 ms
Loss rate: 16.84%
-- Flow 1:
Average throughput: 53.51 Mbit/s
95th percentile per-packet one-way delay: 30.259 ms
Loss rate: 12.29%
-- Flow 2:
Average throughput: 47.05 Mbit/s
95th percentile per-packet one-way delay: 30.345 ms
Loss rate: 21.06%
-- Flow 3:
Average throughput: 32.04 Mbit/s
95th percentile per-packet one-way delay: 30.365 ms
Loss rate: 24.68%
```

Run 10: Report of FillP — Data Link

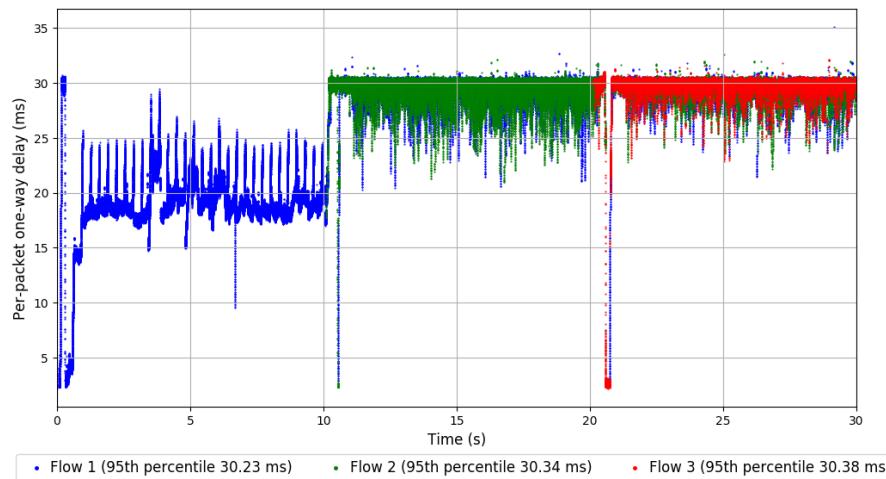
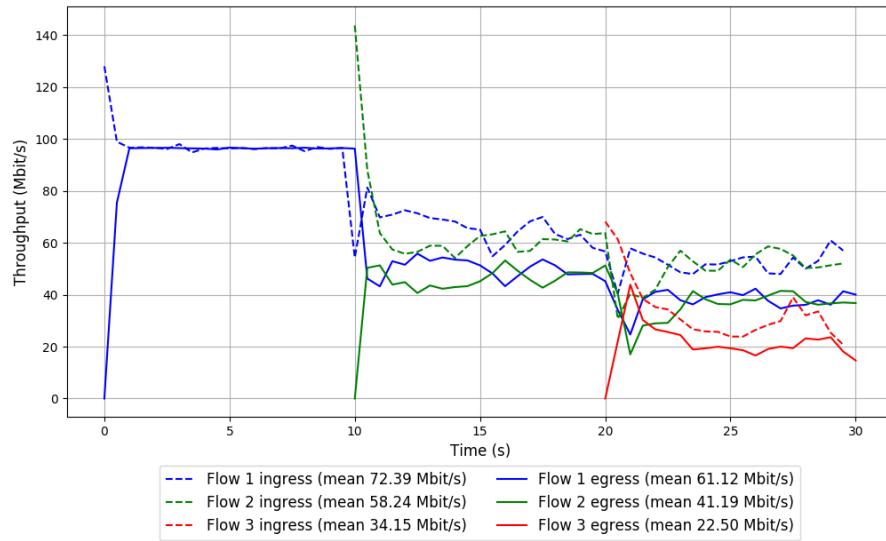


Run 1: Statistics of FillP-Sheep

```
Start at: 2018-07-24 14:26:45
End at: 2018-07-24 14:27:15
Local clock offset: -1.347 ms
Remote clock offset: -1.831 ms

# Below is generated by plot.py at 2018-07-24 17:46:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.97 Mbit/s
95th percentile per-packet one-way delay: 30.298 ms
Loss rate: 21.57%
-- Flow 1:
Average throughput: 61.12 Mbit/s
95th percentile per-packet one-way delay: 30.234 ms
Loss rate: 15.49%
-- Flow 2:
Average throughput: 41.19 Mbit/s
95th percentile per-packet one-way delay: 30.339 ms
Loss rate: 29.25%
-- Flow 3:
Average throughput: 22.50 Mbit/s
95th percentile per-packet one-way delay: 30.379 ms
Loss rate: 34.12%
```

Run 1: Report of FillP-Sheep — Data Link

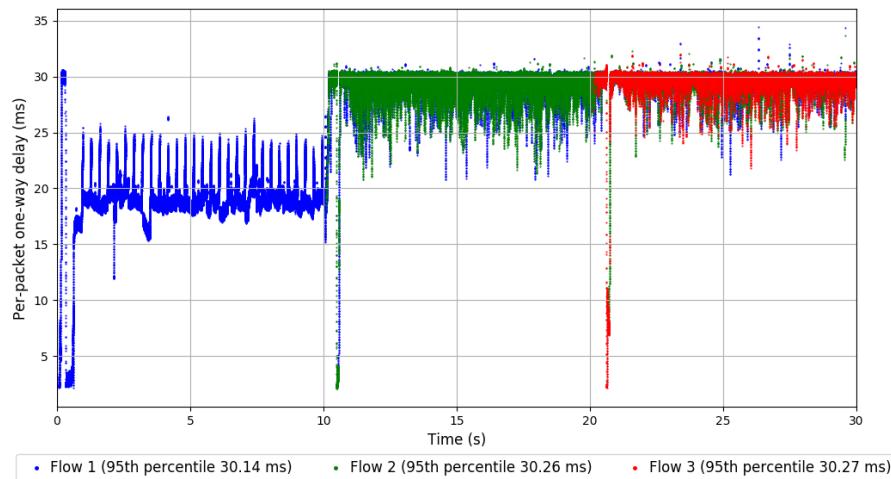
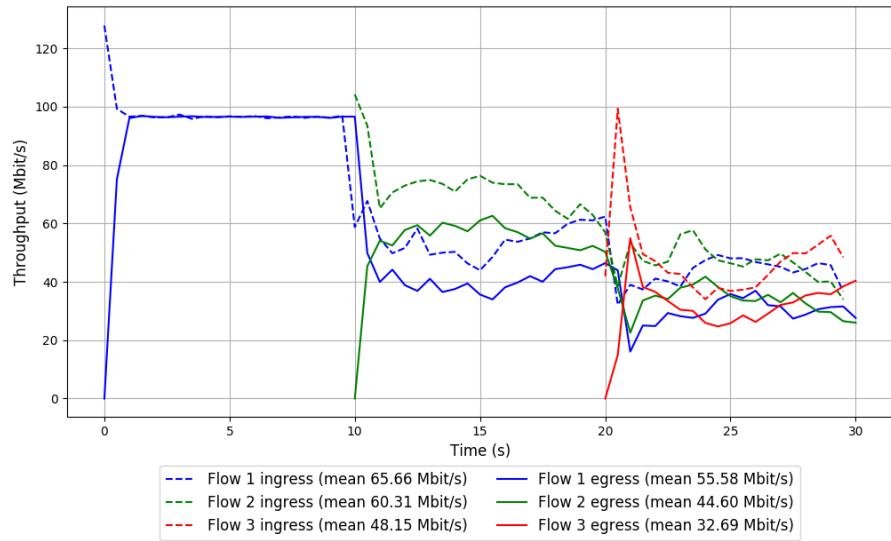


Run 2: Statistics of FillP-Sheep

```
Start at: 2018-07-24 14:45:57
End at: 2018-07-24 14:46:27
Local clock offset: -6.297 ms
Remote clock offset: -1.587 ms

# Below is generated by plot.py at 2018-07-24 17:46:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.11 Mbit/s
95th percentile per-packet one-way delay: 30.211 ms
Loss rate: 21.02%
-- Flow 1:
Average throughput: 55.58 Mbit/s
95th percentile per-packet one-way delay: 30.135 ms
Loss rate: 15.27%
-- Flow 2:
Average throughput: 44.60 Mbit/s
95th percentile per-packet one-way delay: 30.256 ms
Loss rate: 26.00%
-- Flow 3:
Average throughput: 32.69 Mbit/s
95th percentile per-packet one-way delay: 30.266 ms
Loss rate: 32.12%
```

Run 2: Report of FillP-Sheep — Data Link

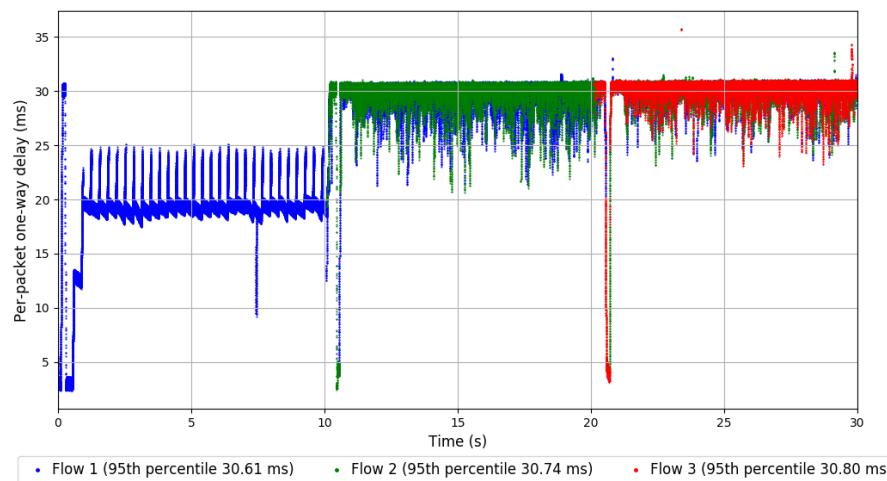
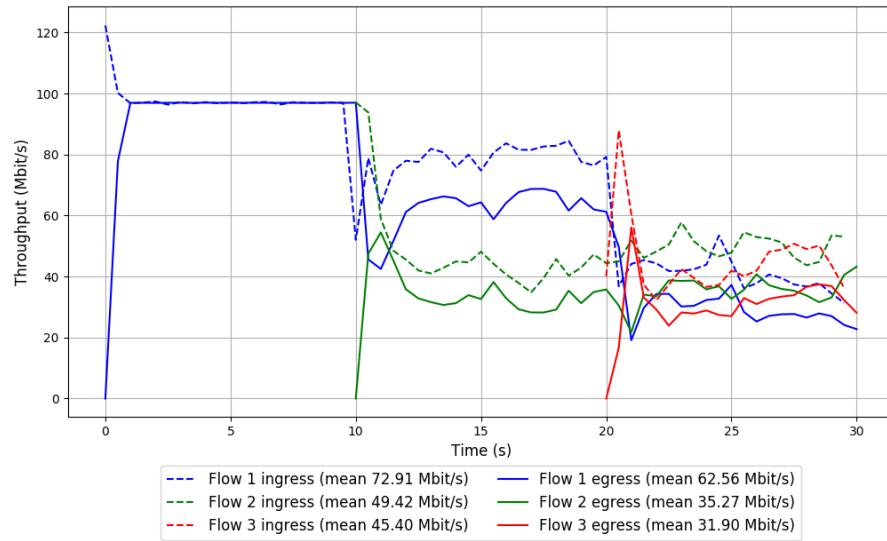


Run 3: Statistics of FillP-Sheep

```
Start at: 2018-07-24 15:05:10
End at: 2018-07-24 15:05:40
Local clock offset: -5.217 ms
Remote clock offset: -6.838 ms

# Below is generated by plot.py at 2018-07-24 17:46:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.59 Mbit/s
95th percentile per-packet one-way delay: 30.693 ms
Loss rate: 20.01%
-- Flow 1:
Average throughput: 62.56 Mbit/s
95th percentile per-packet one-way delay: 30.614 ms
Loss rate: 14.12%
-- Flow 2:
Average throughput: 35.27 Mbit/s
95th percentile per-packet one-way delay: 30.741 ms
Loss rate: 28.59%
-- Flow 3:
Average throughput: 31.90 Mbit/s
95th percentile per-packet one-way delay: 30.796 ms
Loss rate: 29.75%
```

Run 3: Report of FillP-Sheep — Data Link

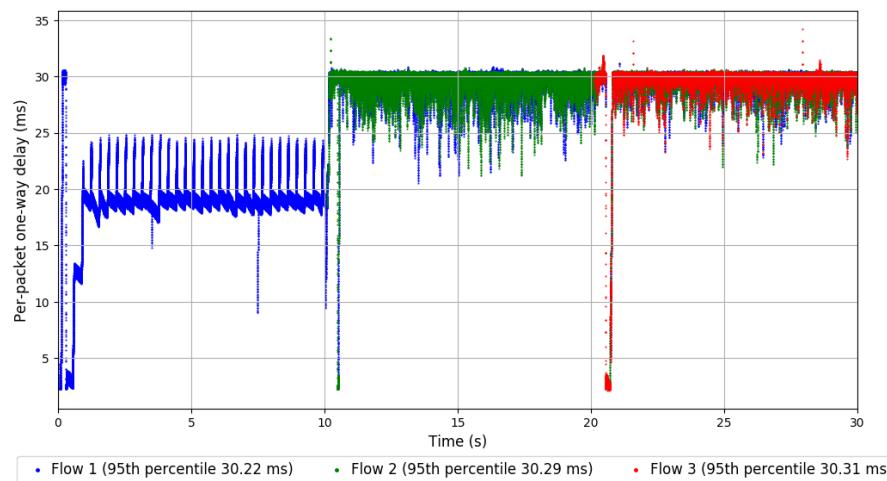
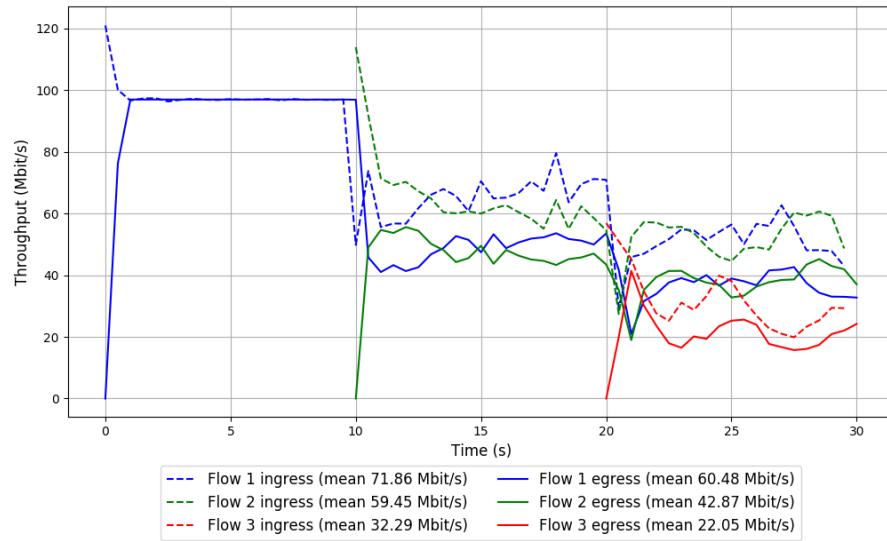


Run 4: Statistics of FillP-Sheep

```
Start at: 2018-07-24 15:24:22
End at: 2018-07-24 15:24:52
Local clock offset: 0.195 ms
Remote clock offset: -8.974 ms

# Below is generated by plot.py at 2018-07-24 17:46:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.32 Mbit/s
95th percentile per-packet one-way delay: 30.259 ms
Loss rate: 21.07%
-- Flow 1:
Average throughput: 60.48 Mbit/s
95th percentile per-packet one-way delay: 30.221 ms
Loss rate: 15.75%
-- Flow 2:
Average throughput: 42.87 Mbit/s
95th percentile per-packet one-way delay: 30.290 ms
Loss rate: 27.85%
-- Flow 3:
Average throughput: 22.05 Mbit/s
95th percentile per-packet one-way delay: 30.307 ms
Loss rate: 31.71%
```

Run 4: Report of FillP-Sheep — Data Link

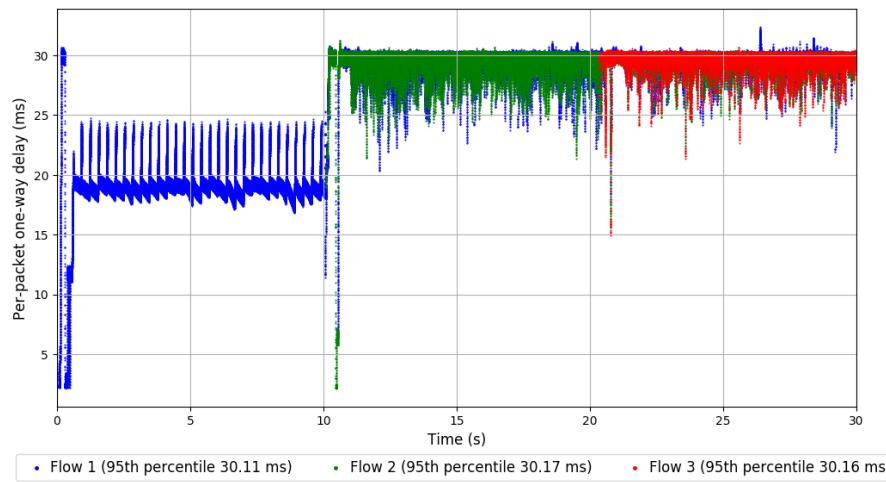
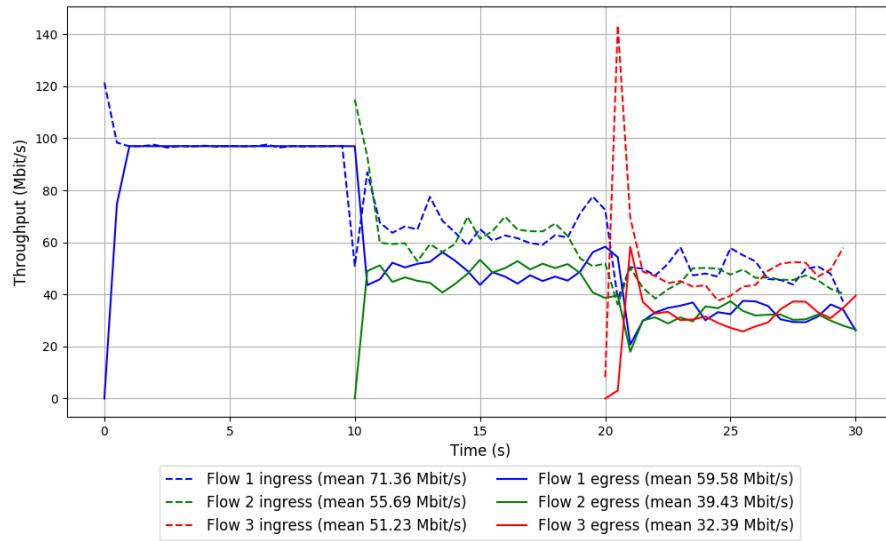


Run 5: Statistics of FillP-Sheep

```
Start at: 2018-07-24 15:43:34
End at: 2018-07-24 15:44:04
Local clock offset: -5.717 ms
Remote clock offset: -8.044 ms

# Below is generated by plot.py at 2018-07-24 17:46:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.54 Mbit/s
95th percentile per-packet one-way delay: 30.144 ms
Loss rate: 22.95%
-- Flow 1:
Average throughput: 59.58 Mbit/s
95th percentile per-packet one-way delay: 30.115 ms
Loss rate: 16.43%
-- Flow 2:
Average throughput: 39.43 Mbit/s
95th percentile per-packet one-way delay: 30.170 ms
Loss rate: 29.16%
-- Flow 3:
Average throughput: 32.39 Mbit/s
95th percentile per-packet one-way delay: 30.162 ms
Loss rate: 36.78%
```

Run 5: Report of FillP-Sheep — Data Link

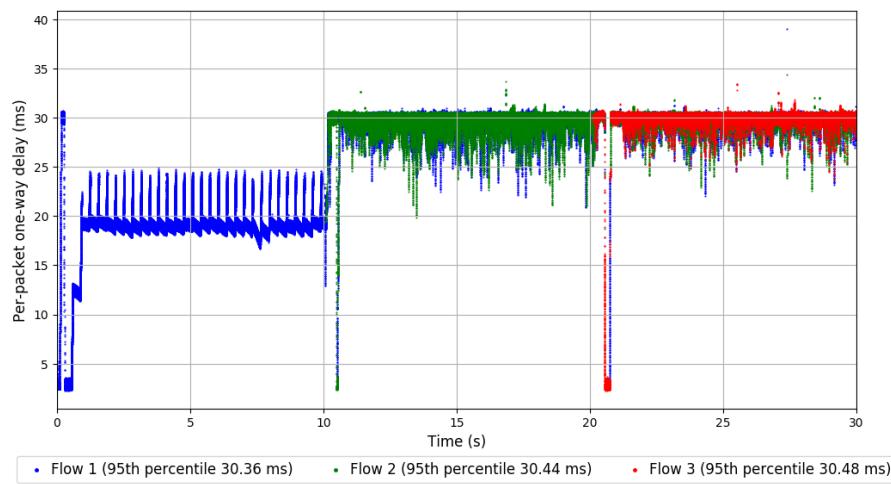
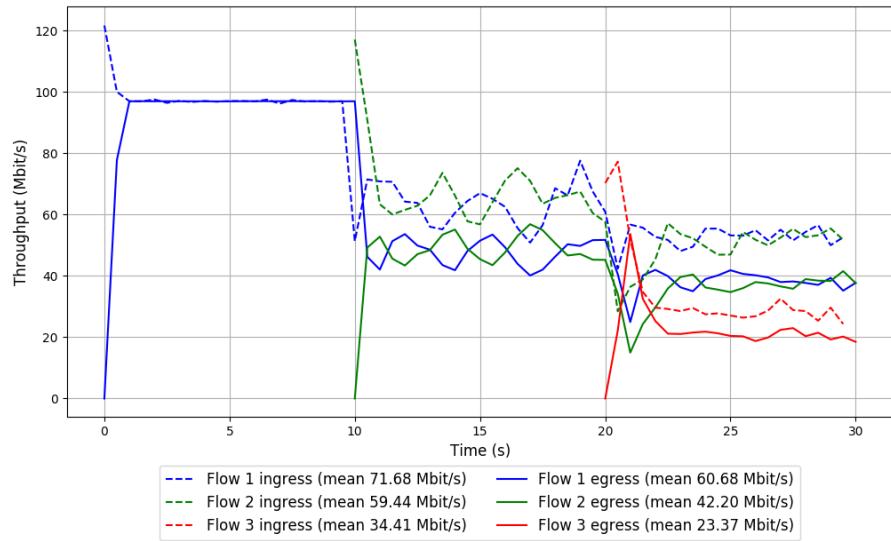


Run 6: Statistics of FillP-Sheep

```
Start at: 2018-07-24 16:02:46
End at: 2018-07-24 16:03:16
Local clock offset: -8.404 ms
Remote clock offset: -7.868 ms

# Below is generated by plot.py at 2018-07-24 17:46:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.52 Mbit/s
95th percentile per-packet one-way delay: 30.409 ms
Loss rate: 21.25%
-- Flow 1:
Average throughput: 60.68 Mbit/s
95th percentile per-packet one-way delay: 30.358 ms
Loss rate: 15.27%
-- Flow 2:
Average throughput: 42.20 Mbit/s
95th percentile per-packet one-way delay: 30.437 ms
Loss rate: 28.95%
-- Flow 3:
Average throughput: 23.37 Mbit/s
95th percentile per-packet one-way delay: 30.476 ms
Loss rate: 32.09%
```

Run 6: Report of FillP-Sheep — Data Link

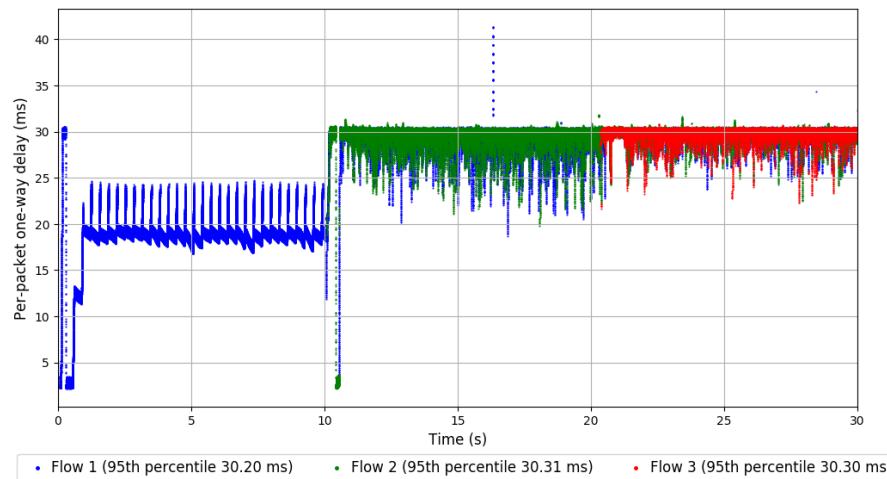
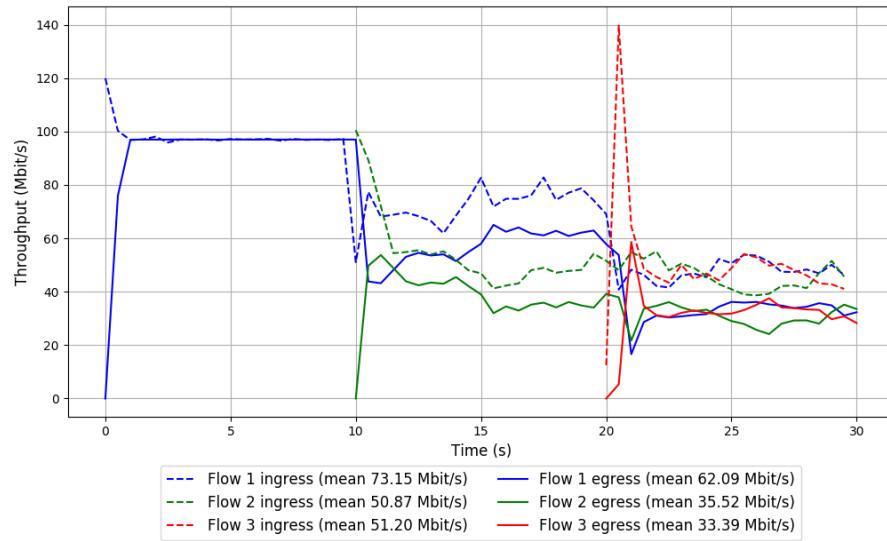


Run 7: Statistics of FillP-Sheep

```
Start at: 2018-07-24 16:21:58
End at: 2018-07-24 16:22:28
Local clock offset: -7.389 ms
Remote clock offset: -7.244 ms

# Below is generated by plot.py at 2018-07-24 17:47:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.56 Mbit/s
95th percentile per-packet one-way delay: 30.264 ms
Loss rate: 22.05%
-- Flow 1:
Average throughput: 62.09 Mbit/s
95th percentile per-packet one-way delay: 30.201 ms
Loss rate: 15.05%
-- Flow 2:
Average throughput: 35.52 Mbit/s
95th percentile per-packet one-way delay: 30.308 ms
Loss rate: 30.13%
-- Flow 3:
Average throughput: 33.39 Mbit/s
95th percentile per-packet one-way delay: 30.304 ms
Loss rate: 36.10%
```

Run 7: Report of FillP-Sheep — Data Link

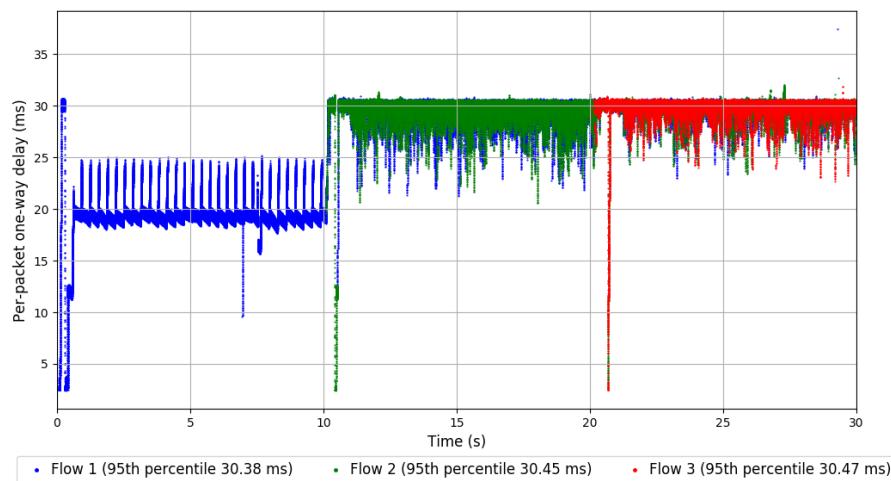
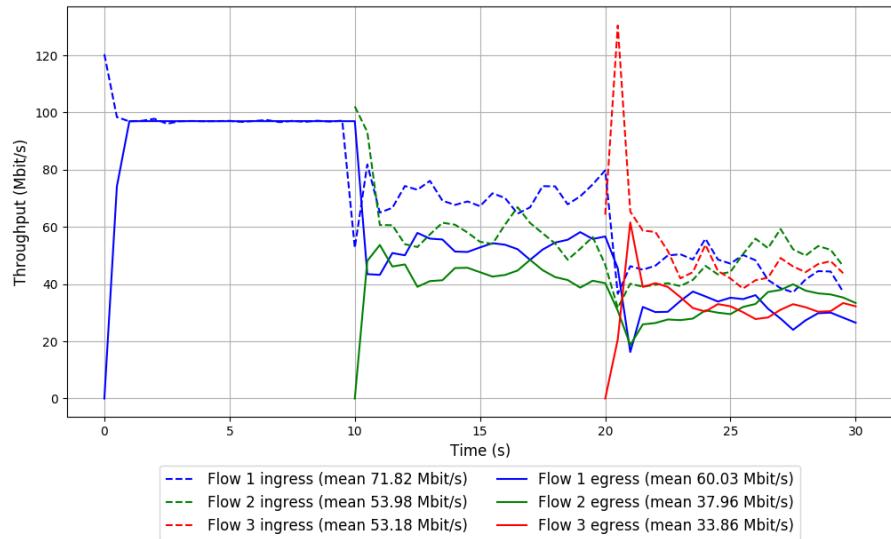


Run 8: Statistics of FillP-Sheep

```
Start at: 2018-07-24 16:41:10
End at: 2018-07-24 16:41:40
Local clock offset: -4.742 ms
Remote clock offset: -3.827 ms

# Below is generated by plot.py at 2018-07-24 17:47:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.51 Mbit/s
95th percentile per-packet one-way delay: 30.427 ms
Loss rate: 22.96%
-- Flow 1:
Average throughput: 60.03 Mbit/s
95th percentile per-packet one-way delay: 30.383 ms
Loss rate: 16.34%
-- Flow 2:
Average throughput: 37.96 Mbit/s
95th percentile per-packet one-way delay: 30.454 ms
Loss rate: 29.64%
-- Flow 3:
Average throughput: 33.86 Mbit/s
95th percentile per-packet one-way delay: 30.471 ms
Loss rate: 36.32%
```

Run 8: Report of FillP-Sheep — Data Link

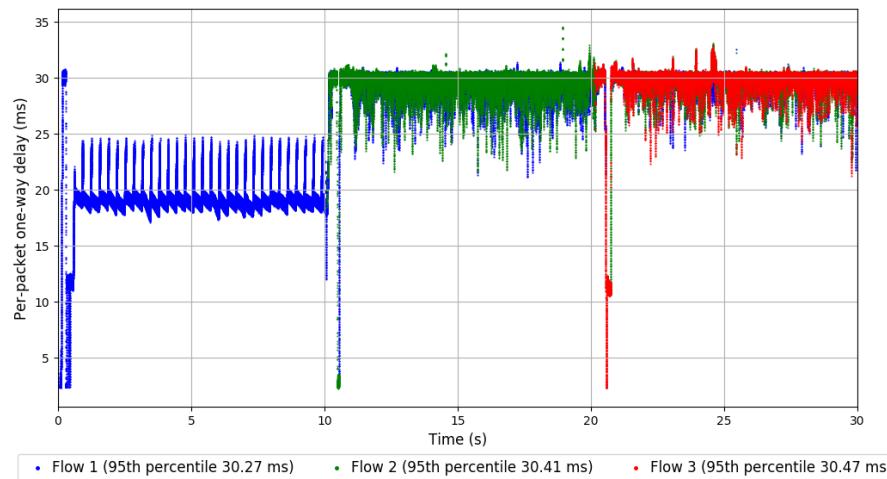
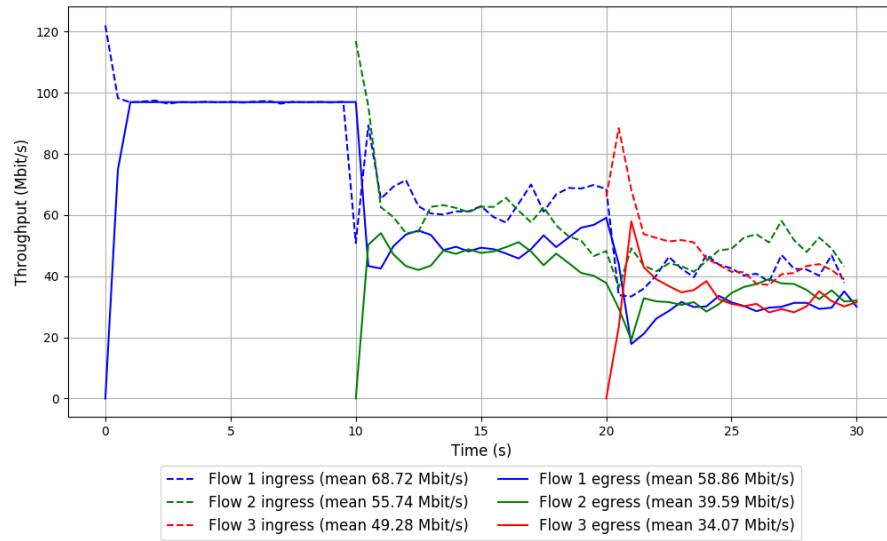


Run 9: Statistics of FillP-Sheep

```
Start at: 2018-07-24 17:00:22
End at: 2018-07-24 17:00:52
Local clock offset: -3.012 ms
Remote clock offset: -1.495 ms

# Below is generated by plot.py at 2018-07-24 17:47:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.52 Mbit/s
95th percentile per-packet one-way delay: 30.356 ms
Loss rate: 20.95%
-- Flow 1:
Average throughput: 58.86 Mbit/s
95th percentile per-packet one-way delay: 30.273 ms
Loss rate: 14.28%
-- Flow 2:
Average throughput: 39.59 Mbit/s
95th percentile per-packet one-way delay: 30.412 ms
Loss rate: 28.94%
-- Flow 3:
Average throughput: 34.07 Mbit/s
95th percentile per-packet one-way delay: 30.472 ms
Loss rate: 30.86%
```

Run 9: Report of FillP-Sheep — Data Link

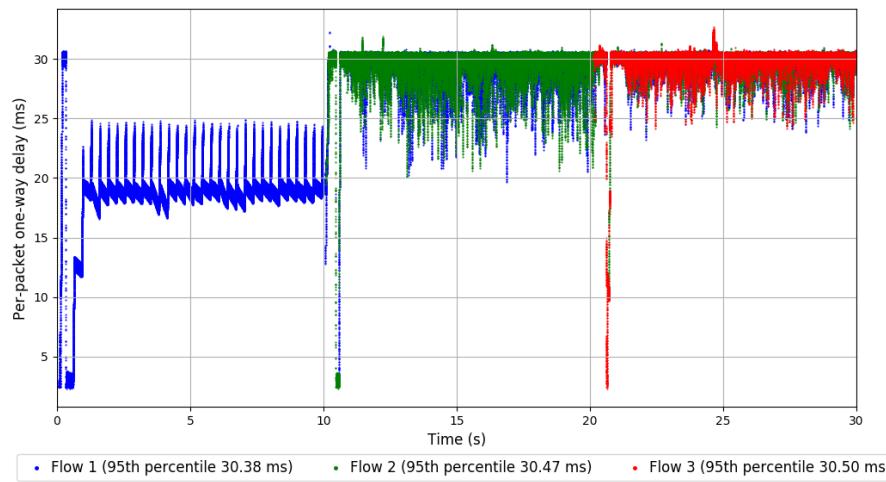
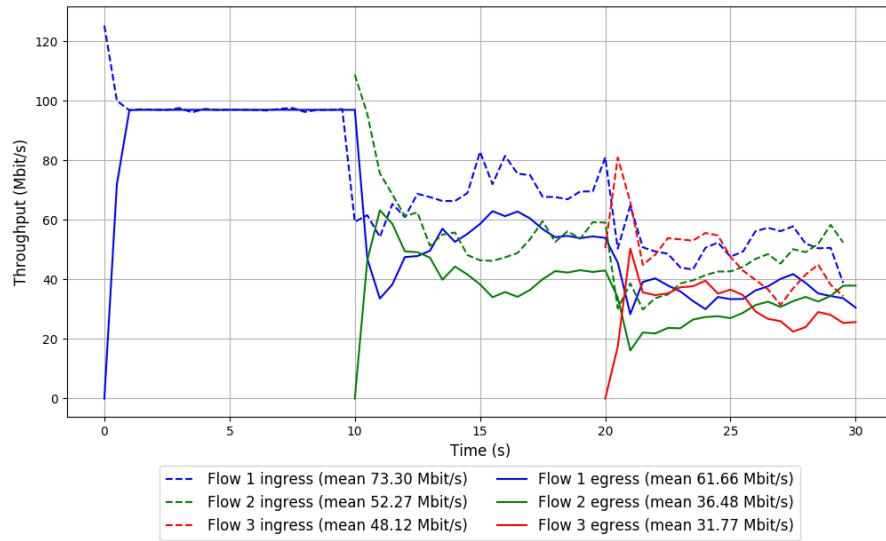


Run 10: Statistics of FillP-Sheep

```
Start at: 2018-07-24 17:19:34
End at: 2018-07-24 17:20:04
Local clock offset: -2.251 ms
Remote clock offset: -1.536 ms

# Below is generated by plot.py at 2018-07-24 17:47:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.46 Mbit/s
95th percentile per-packet one-way delay: 30.435 ms
Loss rate: 22.17%
-- Flow 1:
Average throughput: 61.66 Mbit/s
95th percentile per-packet one-way delay: 30.379 ms
Loss rate: 15.80%
-- Flow 2:
Average throughput: 36.48 Mbit/s
95th percentile per-packet one-way delay: 30.469 ms
Loss rate: 30.18%
-- Flow 3:
Average throughput: 31.77 Mbit/s
95th percentile per-packet one-way delay: 30.503 ms
Loss rate: 33.98%
```

Run 10: Report of FillP-Sheep — Data Link

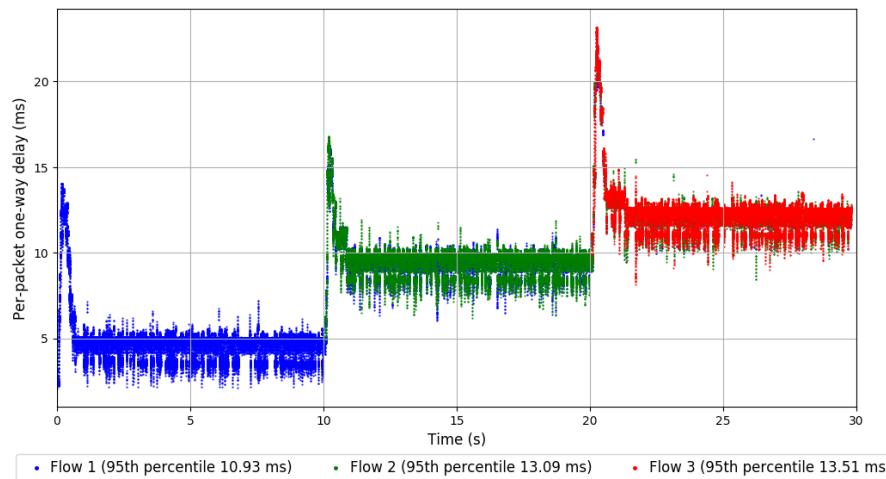
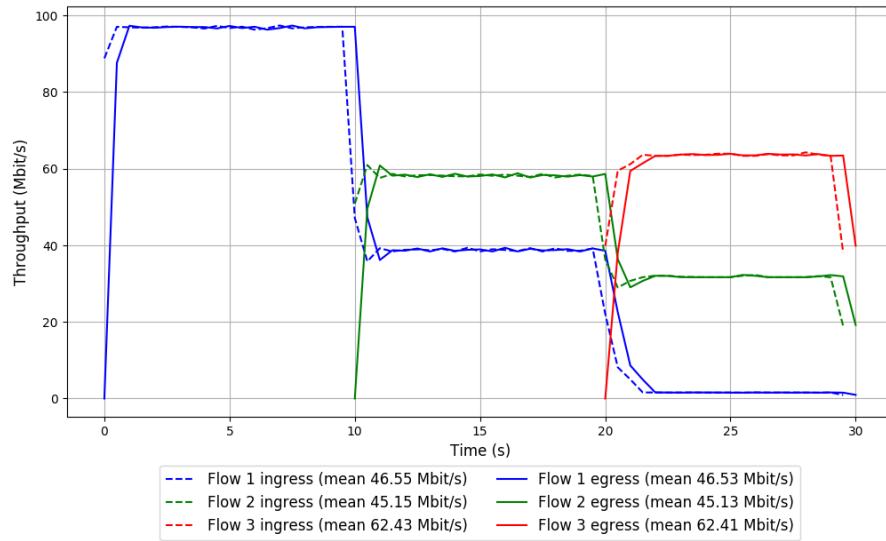


Run 1: Statistics of Indigo

```
Start at: 2018-07-24 14:36:50
End at: 2018-07-24 14:37:20
Local clock offset: -3.912 ms
Remote clock offset: -1.738 ms

# Below is generated by plot.py at 2018-07-24 17:47:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.84 Mbit/s
95th percentile per-packet one-way delay: 12.884 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.53 Mbit/s
95th percentile per-packet one-way delay: 10.930 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 45.13 Mbit/s
95th percentile per-packet one-way delay: 13.093 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 62.41 Mbit/s
95th percentile per-packet one-way delay: 13.506 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo — Data Link

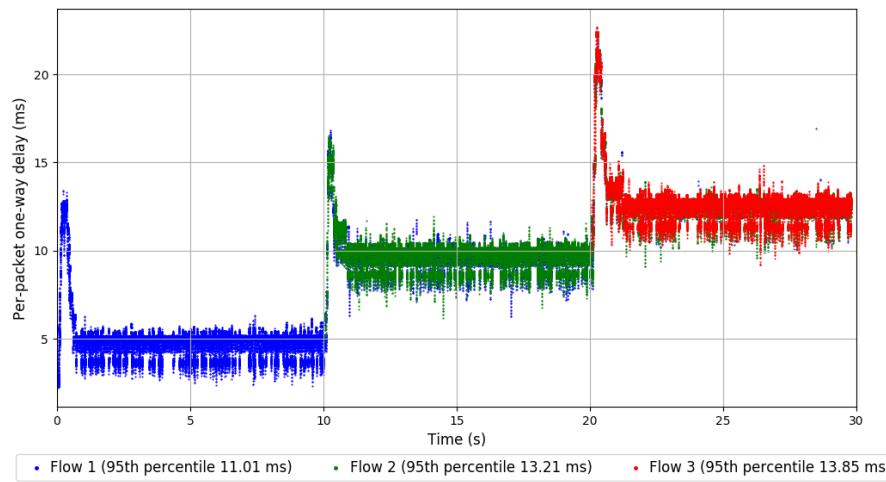
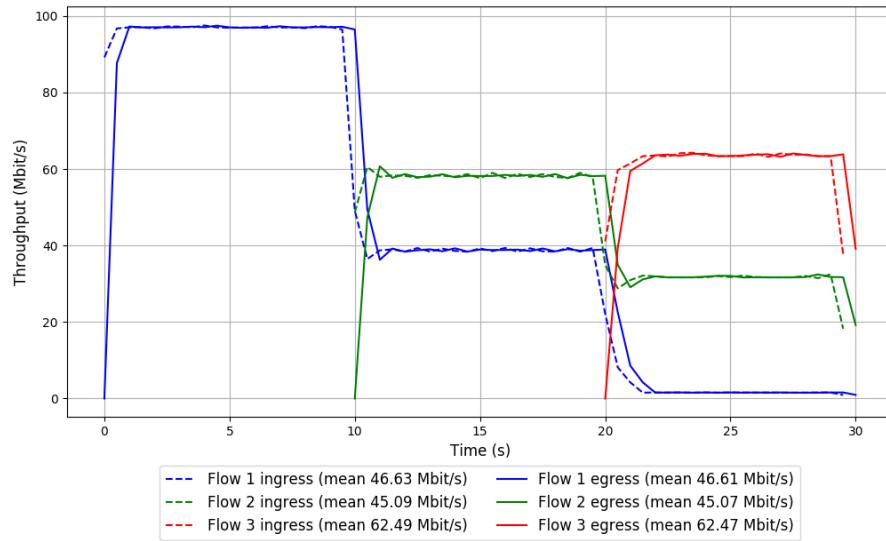


Run 2: Statistics of Indigo

```
Start at: 2018-07-24 14:56:02
End at: 2018-07-24 14:56:32
Local clock offset: -7.486 ms
Remote clock offset: -4.558 ms

# Below is generated by plot.py at 2018-07-24 17:47:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.87 Mbit/s
95th percentile per-packet one-way delay: 13.150 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.61 Mbit/s
95th percentile per-packet one-way delay: 11.007 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 45.07 Mbit/s
95th percentile per-packet one-way delay: 13.213 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 62.47 Mbit/s
95th percentile per-packet one-way delay: 13.854 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo — Data Link

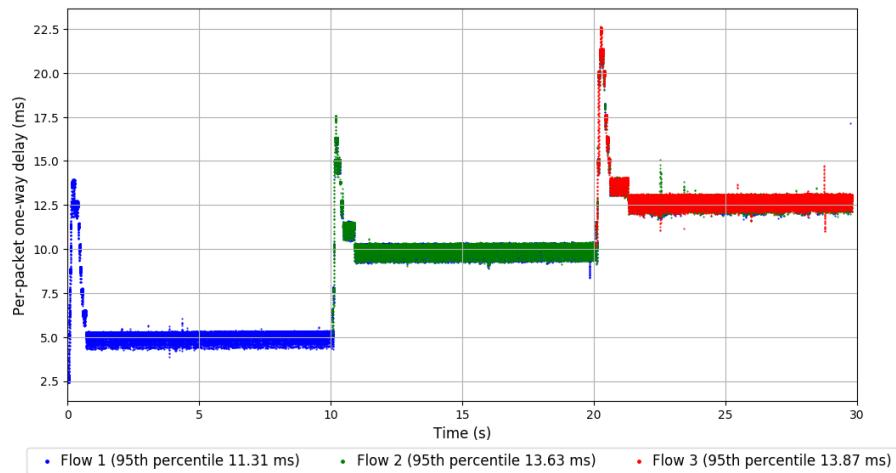
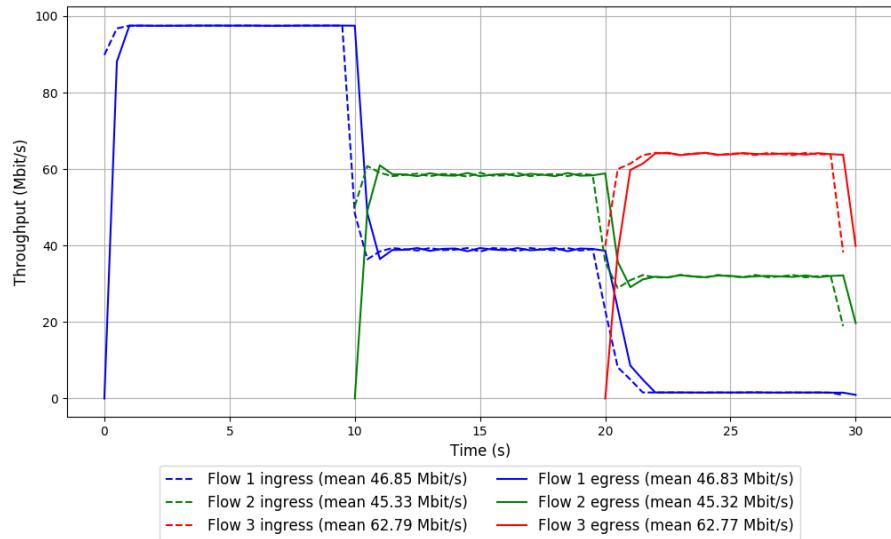


Run 3: Statistics of Indigo

```
Start at: 2018-07-24 15:15:14
End at: 2018-07-24 15:15:44
Local clock offset: -1.298 ms
Remote clock offset: -8.164 ms

# Below is generated by plot.py at 2018-07-24 17:47:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.37 Mbit/s
95th percentile per-packet one-way delay: 13.110 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.83 Mbit/s
95th percentile per-packet one-way delay: 11.309 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 45.32 Mbit/s
95th percentile per-packet one-way delay: 13.634 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 62.77 Mbit/s
95th percentile per-packet one-way delay: 13.872 ms
Loss rate: 0.00%
```

Run 3: Report of Indigo — Data Link

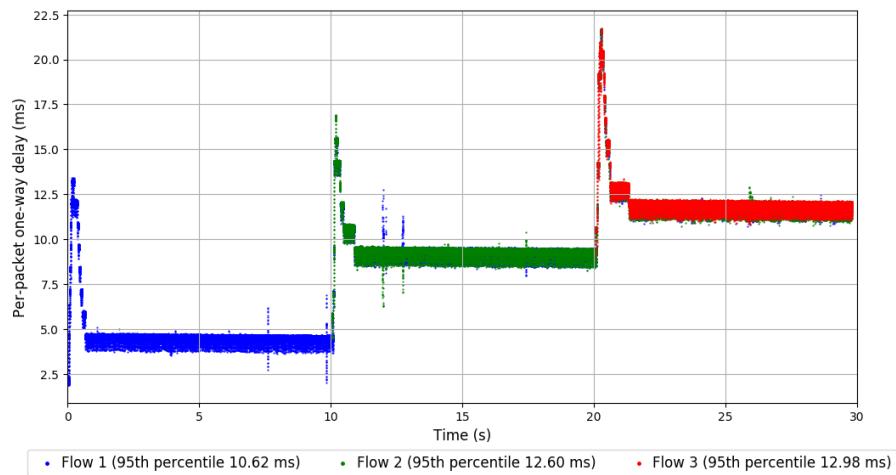
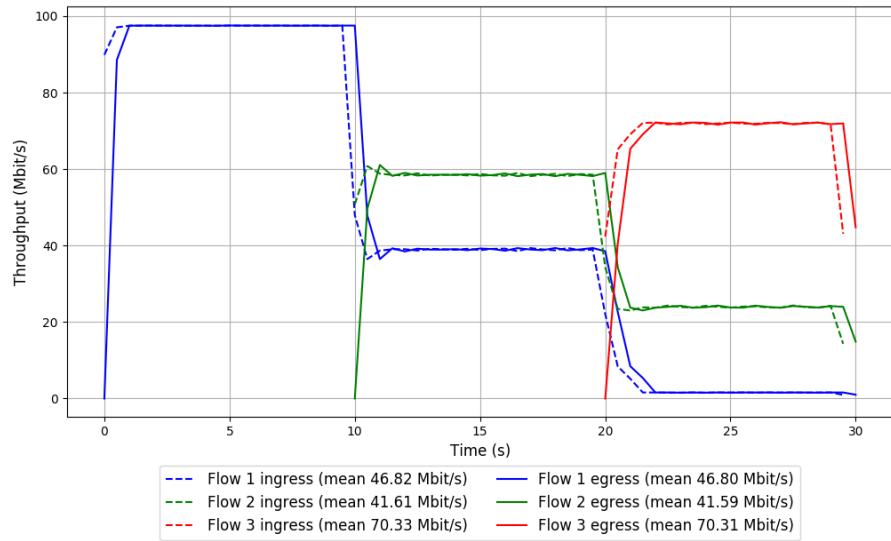


Run 4: Statistics of Indigo

```
Start at: 2018-07-24 15:34:26
End at: 2018-07-24 15:34:56
Local clock offset: -1.308 ms
Remote clock offset: -8.022 ms

# Below is generated by plot.py at 2018-07-24 17:47:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 12.192 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.80 Mbit/s
95th percentile per-packet one-way delay: 10.620 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.59 Mbit/s
95th percentile per-packet one-way delay: 12.602 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 70.31 Mbit/s
95th percentile per-packet one-way delay: 12.976 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo — Data Link

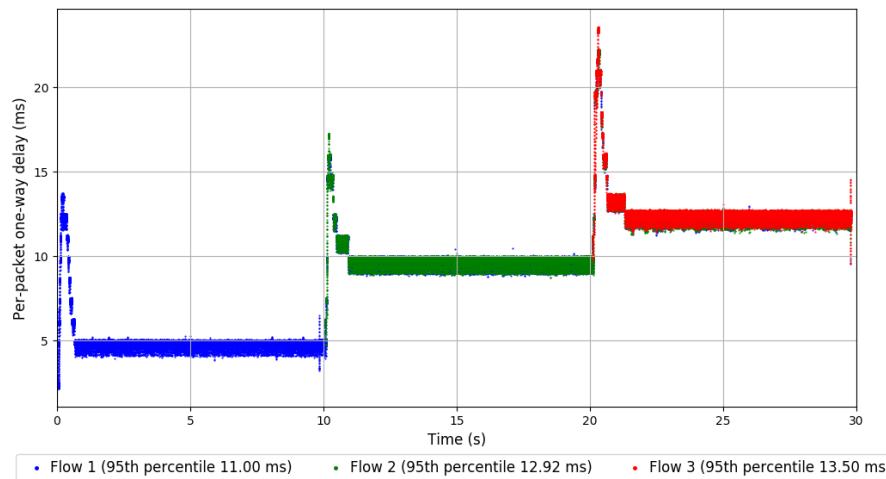
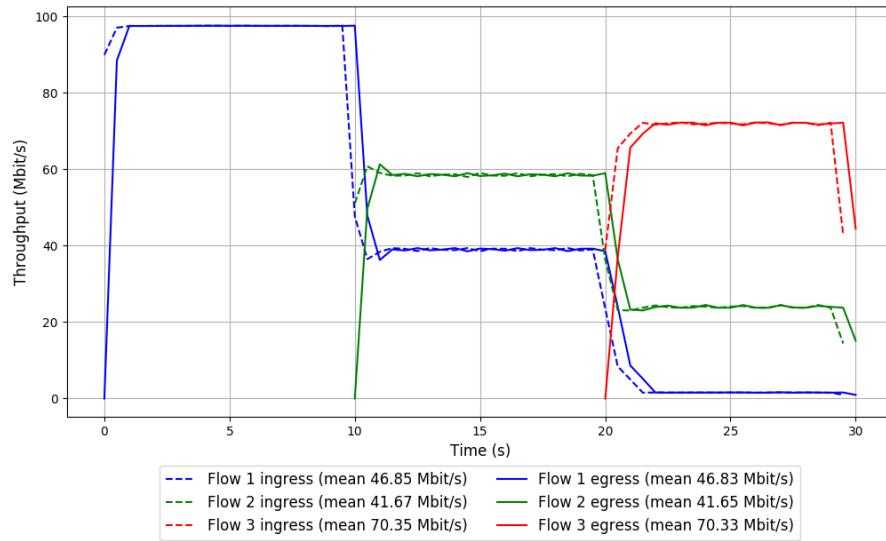


Run 5: Statistics of Indigo

```
Start at: 2018-07-24 15:53:39
End at: 2018-07-24 15:54:09
Local clock offset: -7.666 ms
Remote clock offset: -8.489 ms

# Below is generated by plot.py at 2018-07-24 17:48:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.37 Mbit/s
95th percentile per-packet one-way delay: 12.702 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.83 Mbit/s
95th percentile per-packet one-way delay: 10.999 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.65 Mbit/s
95th percentile per-packet one-way delay: 12.920 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 70.33 Mbit/s
95th percentile per-packet one-way delay: 13.501 ms
Loss rate: 0.00%
```

Run 5: Report of Indigo — Data Link

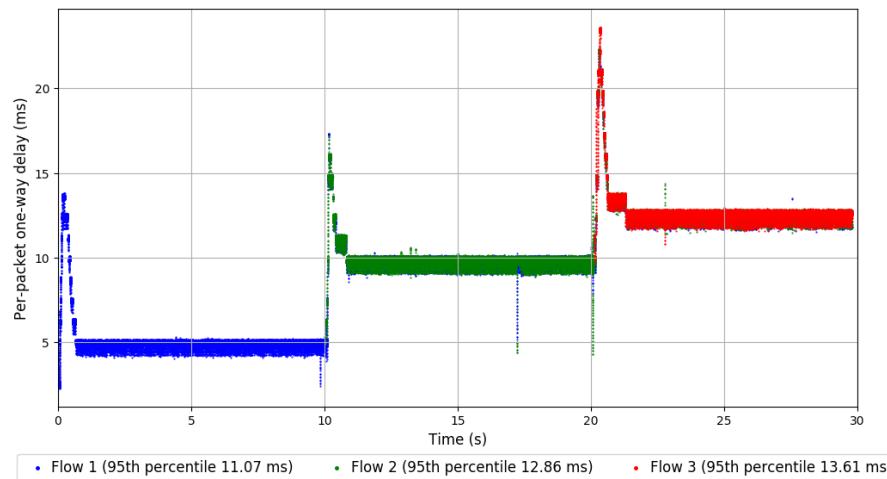
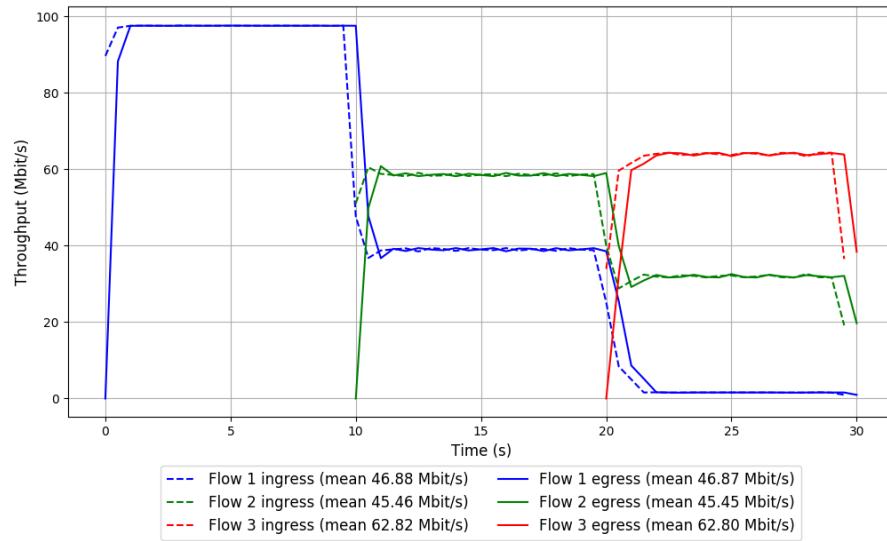


Run 6: Statistics of Indigo

```
Start at: 2018-07-24 16:12:50
End at: 2018-07-24 16:13:20
Local clock offset: -7.46 ms
Remote clock offset: -7.249 ms

# Below is generated by plot.py at 2018-07-24 17:48:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 12.803 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.87 Mbit/s
95th percentile per-packet one-way delay: 11.071 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 45.45 Mbit/s
95th percentile per-packet one-way delay: 12.859 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 62.80 Mbit/s
95th percentile per-packet one-way delay: 13.612 ms
Loss rate: 0.00%
```

Run 6: Report of Indigo — Data Link

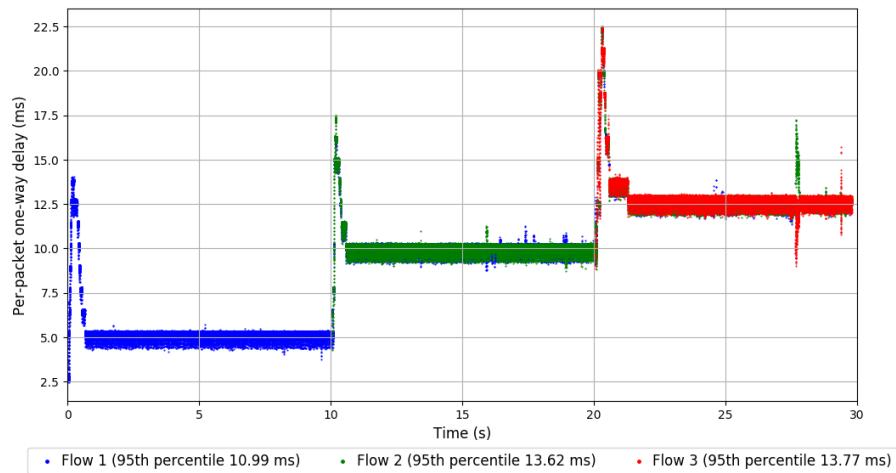
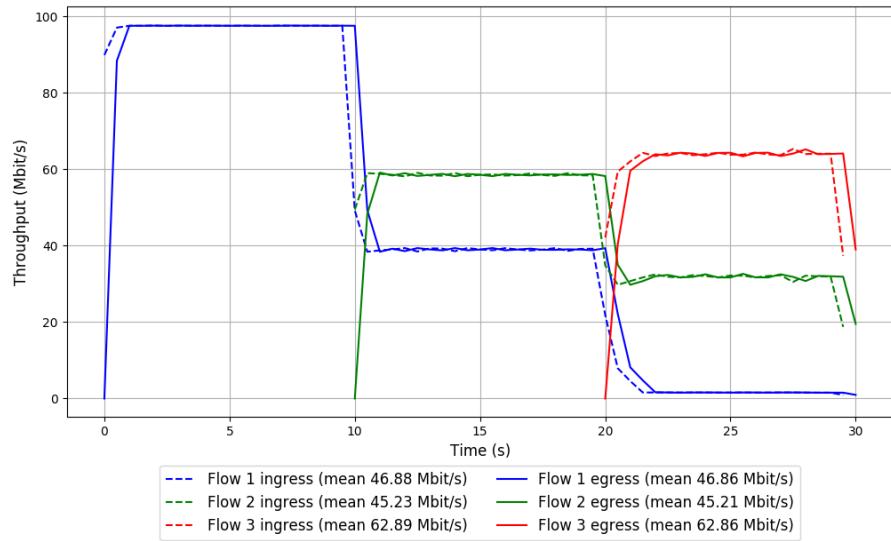


Run 7: Statistics of Indigo

```
Start at: 2018-07-24 16:32:03
End at: 2018-07-24 16:32:33
Local clock offset: -7.4 ms
Remote clock offset: -7.292 ms

# Below is generated by plot.py at 2018-07-24 17:48:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 12.985 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.86 Mbit/s
95th percentile per-packet one-way delay: 10.990 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 45.21 Mbit/s
95th percentile per-packet one-way delay: 13.619 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 62.86 Mbit/s
95th percentile per-packet one-way delay: 13.771 ms
Loss rate: 0.00%
```

Run 7: Report of Indigo — Data Link

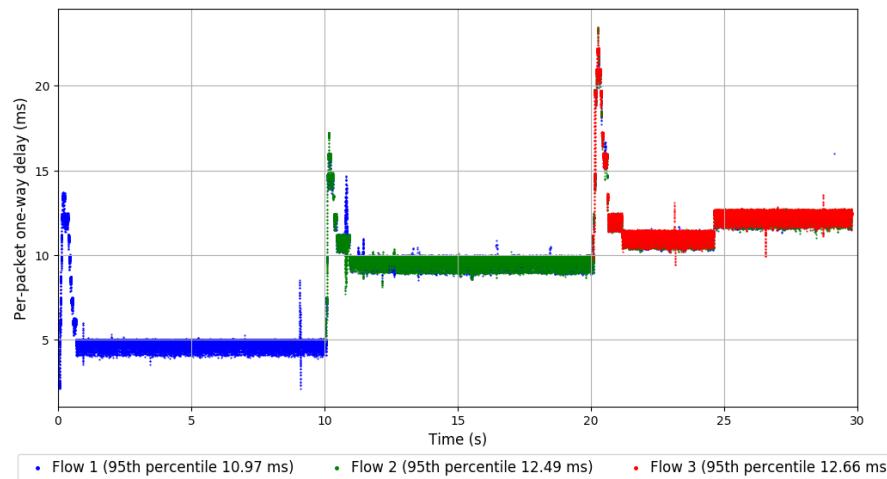
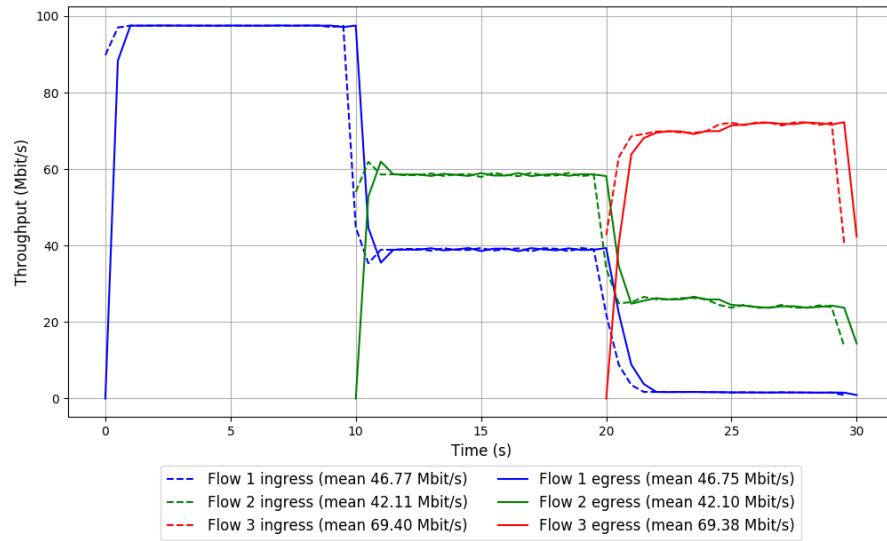


Run 8: Statistics of Indigo

```
Start at: 2018-07-24 16:51:15
End at: 2018-07-24 16:51:45
Local clock offset: -3.509 ms
Remote clock offset: -2.422 ms

# Below is generated by plot.py at 2018-07-24 17:48:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.37 Mbit/s
95th percentile per-packet one-way delay: 12.494 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.75 Mbit/s
95th percentile per-packet one-way delay: 10.968 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 42.10 Mbit/s
95th percentile per-packet one-way delay: 12.493 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 69.38 Mbit/s
95th percentile per-packet one-way delay: 12.660 ms
Loss rate: 0.00%
```

Run 8: Report of Indigo — Data Link

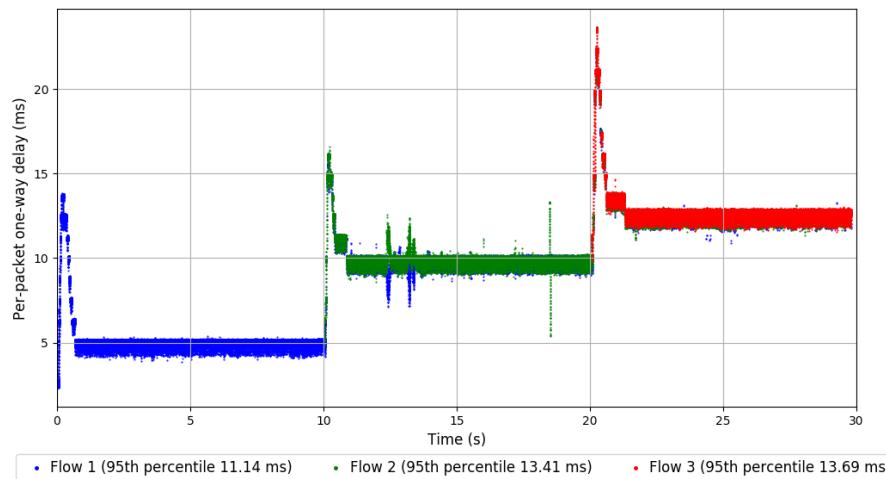
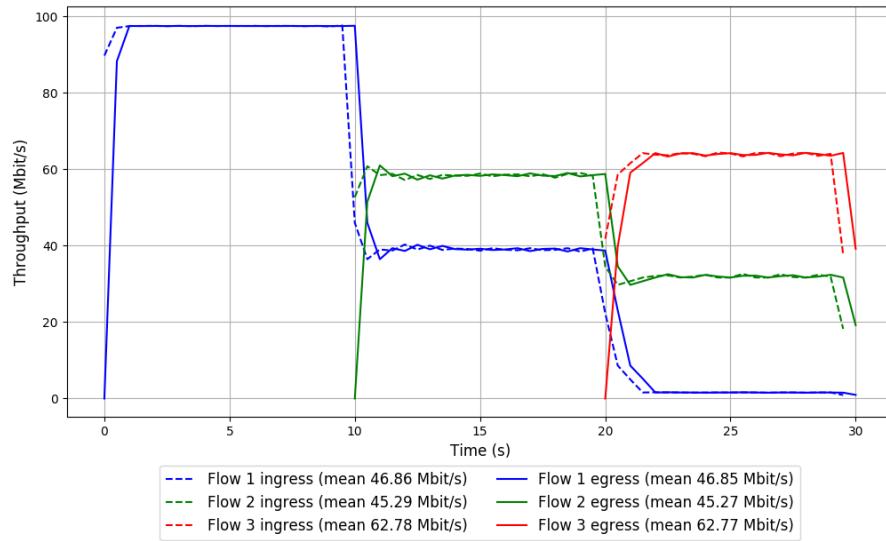


Run 9: Statistics of Indigo

```
Start at: 2018-07-24 17:10:27
End at: 2018-07-24 17:10:57
Local clock offset: -2.579 ms
Remote clock offset: -1.479 ms

# Below is generated by plot.py at 2018-07-24 17:48:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 12.906 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.85 Mbit/s
95th percentile per-packet one-way delay: 11.143 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 45.27 Mbit/s
95th percentile per-packet one-way delay: 13.408 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 62.77 Mbit/s
95th percentile per-packet one-way delay: 13.693 ms
Loss rate: 0.00%
```

Run 9: Report of Indigo — Data Link

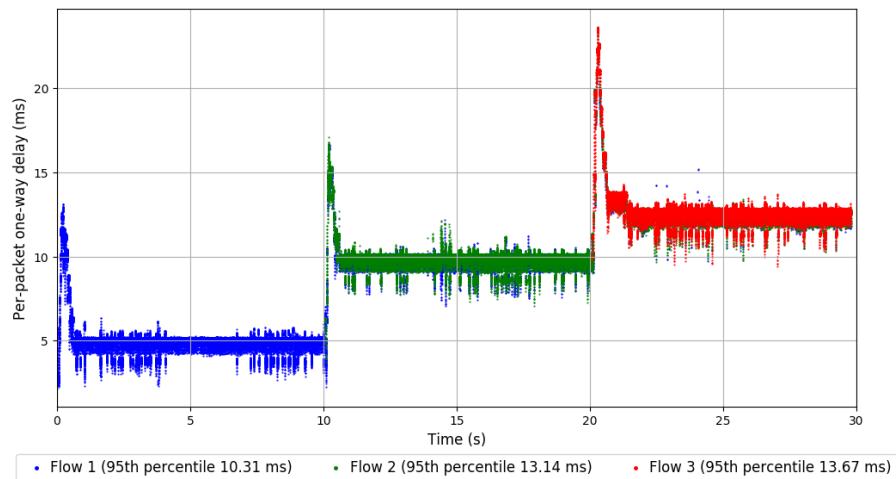
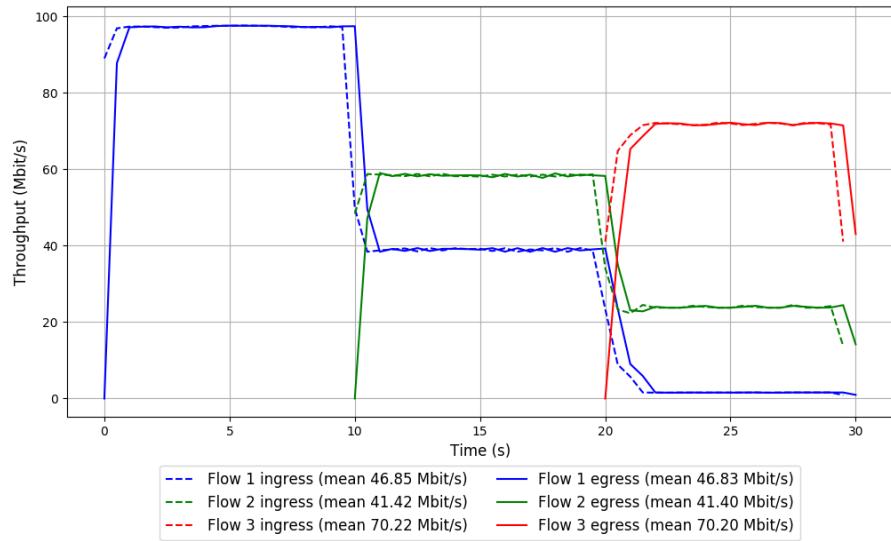


Run 10: Statistics of Indigo

```
Start at: 2018-07-24 17:29:38
End at: 2018-07-24 17:30:08
Local clock offset: -1.837 ms
Remote clock offset: -1.446 ms

# Below is generated by plot.py at 2018-07-24 17:48:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 13.077 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.83 Mbit/s
95th percentile per-packet one-way delay: 10.310 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.40 Mbit/s
95th percentile per-packet one-way delay: 13.136 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 70.20 Mbit/s
95th percentile per-packet one-way delay: 13.671 ms
Loss rate: 0.00%
```

Run 10: Report of Indigo — Data Link

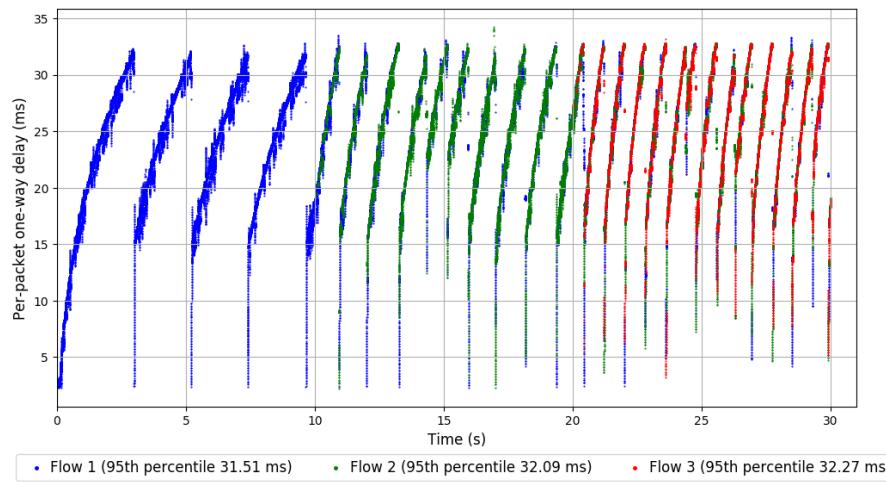
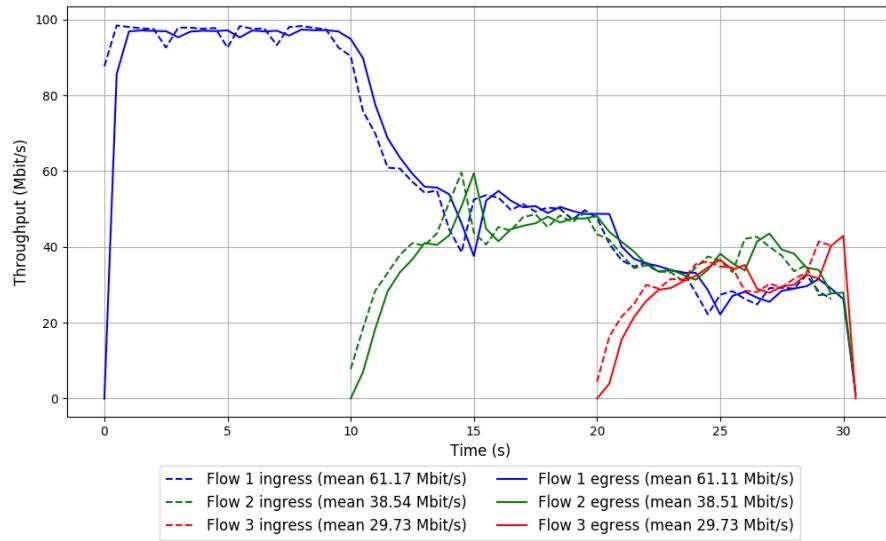


```
Run 1: Statistics of LEDBAT

Start at: 2018-07-24 14:24:30
End at: 2018-07-24 14:25:00
Local clock offset: -1.42 ms
Remote clock offset: -1.783 ms

# Below is generated by plot.py at 2018-07-24 17:48:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.61 Mbit/s
95th percentile per-packet one-way delay: 31.775 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 61.11 Mbit/s
95th percentile per-packet one-way delay: 31.514 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 38.51 Mbit/s
95th percentile per-packet one-way delay: 32.091 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 29.73 Mbit/s
95th percentile per-packet one-way delay: 32.266 ms
Loss rate: 0.08%
```

Run 1: Report of LEDBAT — Data Link

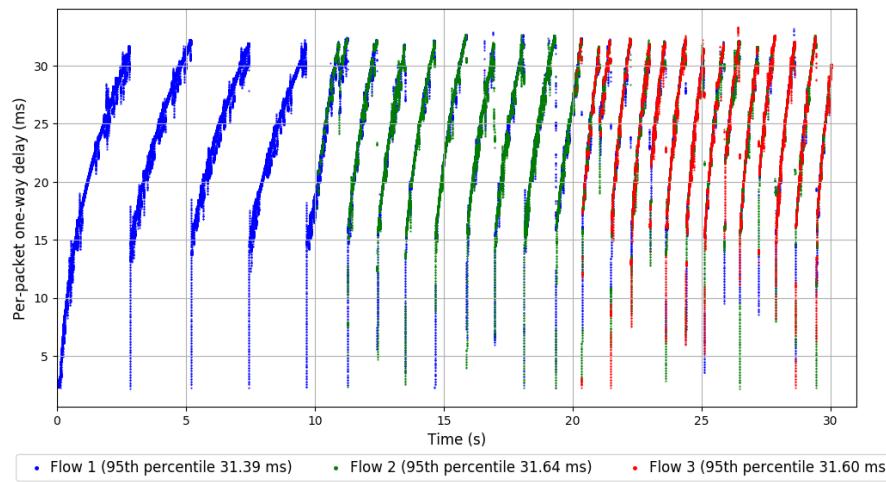
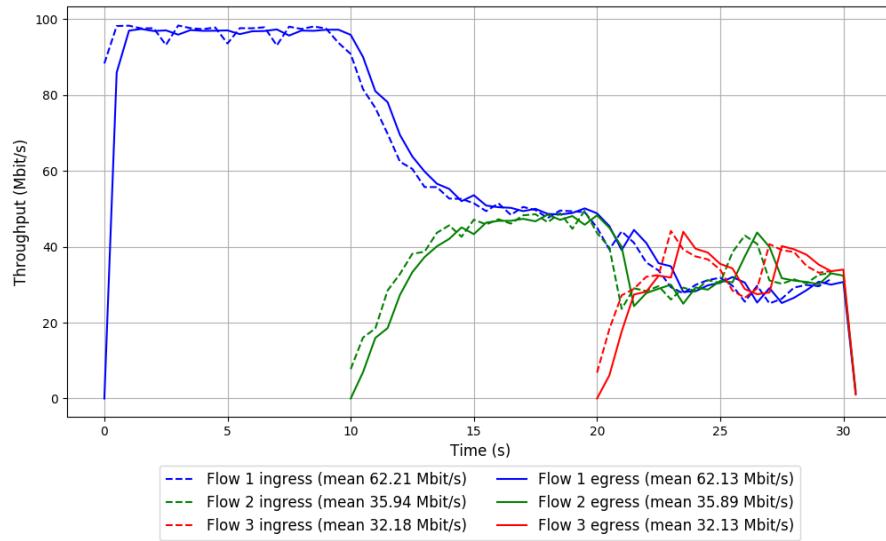


Run 2: Statistics of LEDBAT

```
Start at: 2018-07-24 14:43:42
End at: 2018-07-24 14:44:12
Local clock offset: -5.946 ms
Remote clock offset: -1.669 ms

# Below is generated by plot.py at 2018-07-24 17:48:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.67 Mbit/s
95th percentile per-packet one-way delay: 31.441 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 62.13 Mbit/s
95th percentile per-packet one-way delay: 31.395 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 35.89 Mbit/s
95th percentile per-packet one-way delay: 31.645 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 32.13 Mbit/s
95th percentile per-packet one-way delay: 31.602 ms
Loss rate: 0.11%
```

Run 2: Report of LEDBAT — Data Link

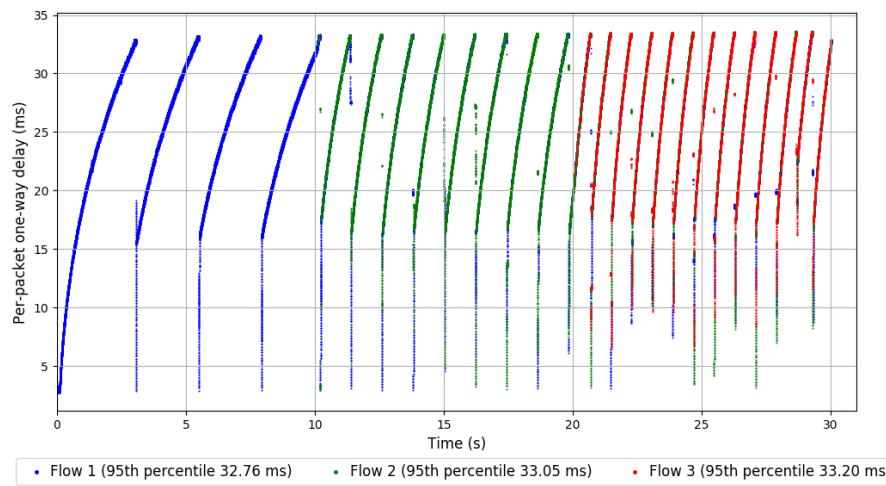
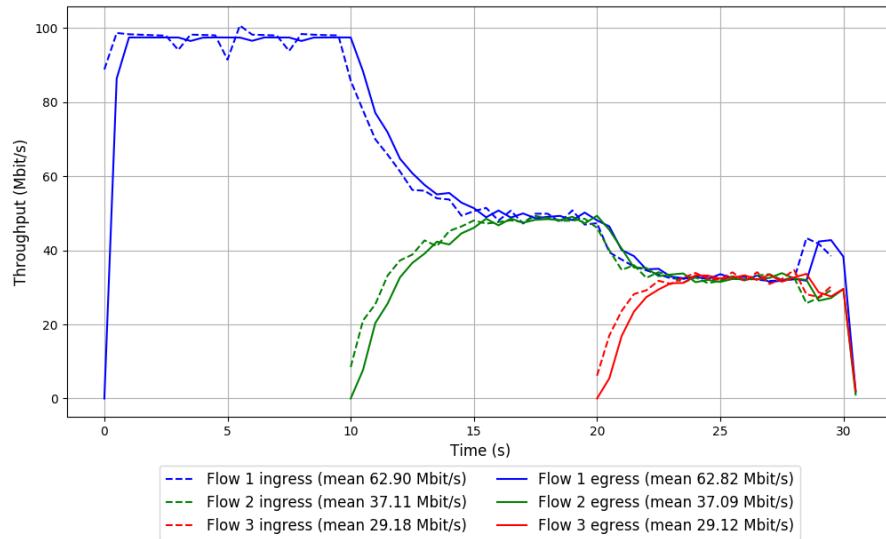


Run 3: Statistics of LEDBAT

```
Start at: 2018-07-24 15:02:54
End at: 2018-07-24 15:03:24
Local clock offset: -6.987 ms
Remote clock offset: -6.323 ms

# Below is generated by plot.py at 2018-07-24 17:49:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 32.923 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 62.82 Mbit/s
95th percentile per-packet one-way delay: 32.755 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.09 Mbit/s
95th percentile per-packet one-way delay: 33.050 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 29.12 Mbit/s
95th percentile per-packet one-way delay: 33.198 ms
Loss rate: 0.08%
```

Run 3: Report of LEDBAT — Data Link

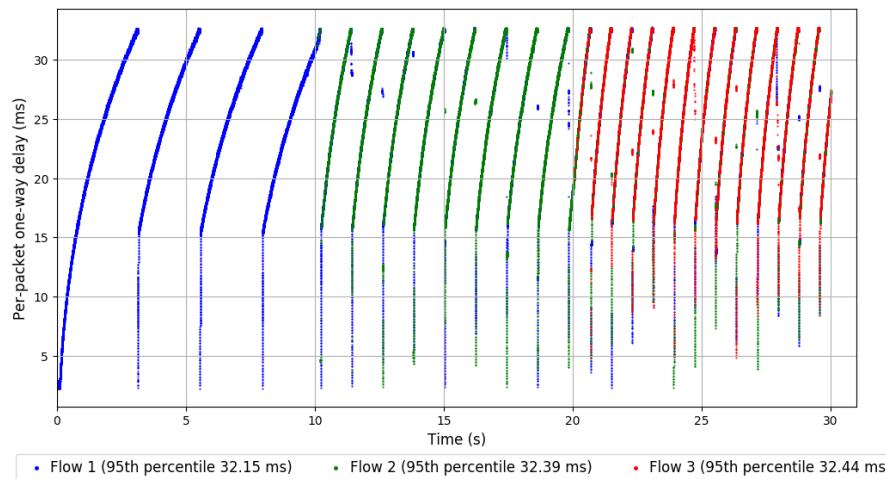
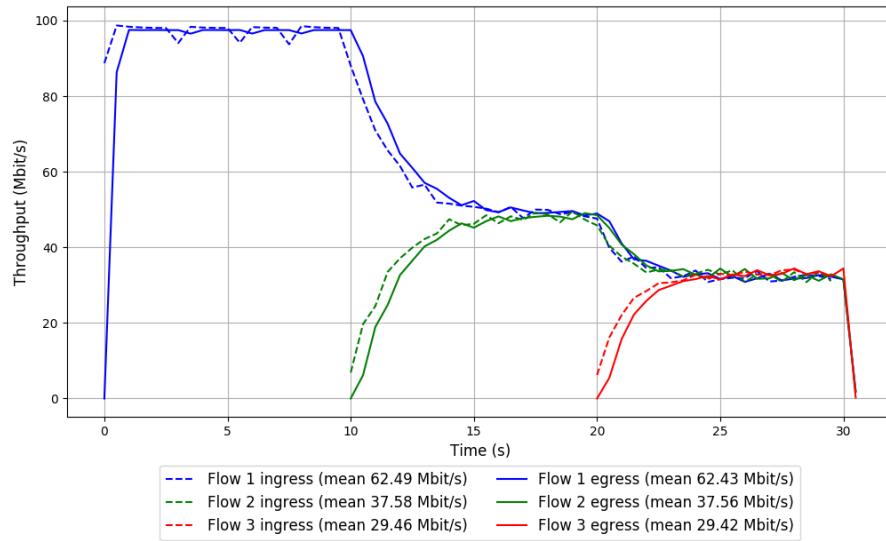


Run 4: Statistics of LEDBAT

```
Start at: 2018-07-24 15:22:06
End at: 2018-07-24 15:22:36
Local clock offset: -0.061 ms
Remote clock offset: -8.972 ms

# Below is generated by plot.py at 2018-07-24 17:49:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.20 Mbit/s
95th percentile per-packet one-way delay: 32.209 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 62.43 Mbit/s
95th percentile per-packet one-way delay: 32.145 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.56 Mbit/s
95th percentile per-packet one-way delay: 32.392 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 29.42 Mbit/s
95th percentile per-packet one-way delay: 32.438 ms
Loss rate: 0.08%
```

Run 4: Report of LEDBAT — Data Link

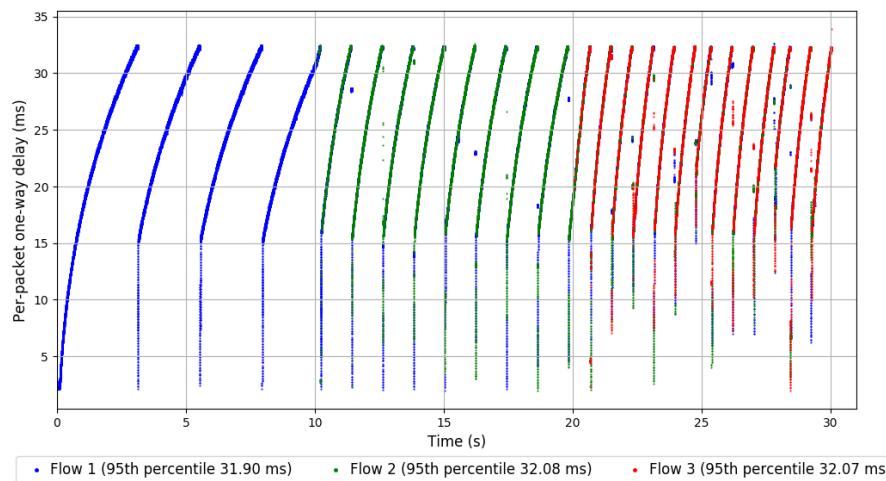
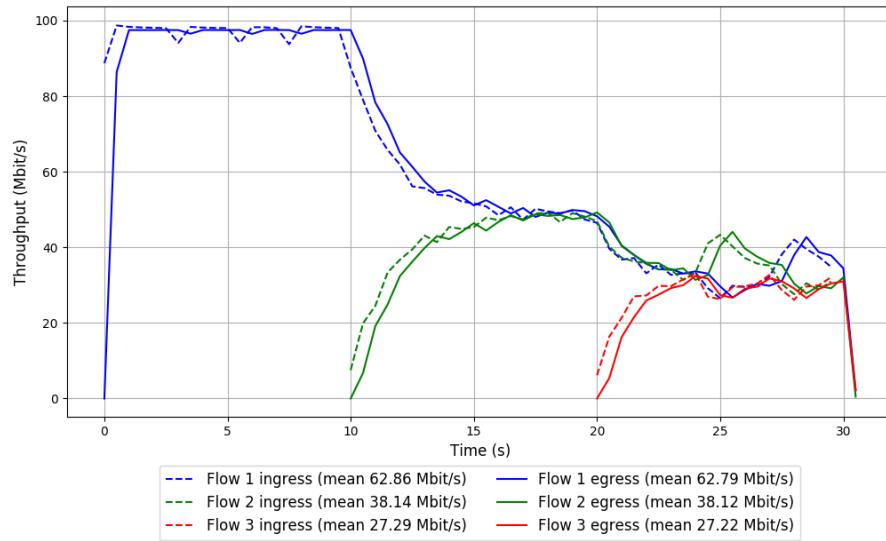


Run 5: Statistics of LEDBAT

```
Start at: 2018-07-24 15:41:19
End at: 2018-07-24 15:41:49
Local clock offset: -4.996 ms
Remote clock offset: -8.071 ms

# Below is generated by plot.py at 2018-07-24 17:49:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 31.952 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 62.79 Mbit/s
95th percentile per-packet one-way delay: 31.901 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 38.12 Mbit/s
95th percentile per-packet one-way delay: 32.076 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 27.22 Mbit/s
95th percentile per-packet one-way delay: 32.068 ms
Loss rate: 0.10%
```

Run 5: Report of LEDBAT — Data Link

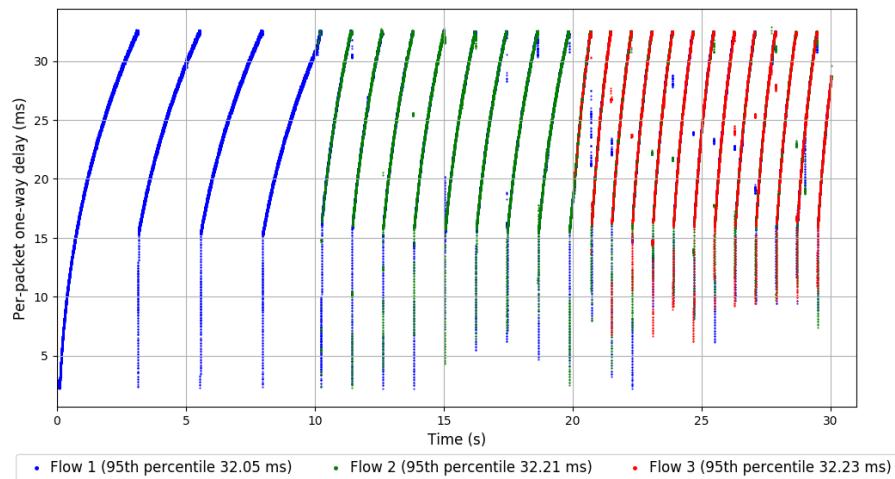
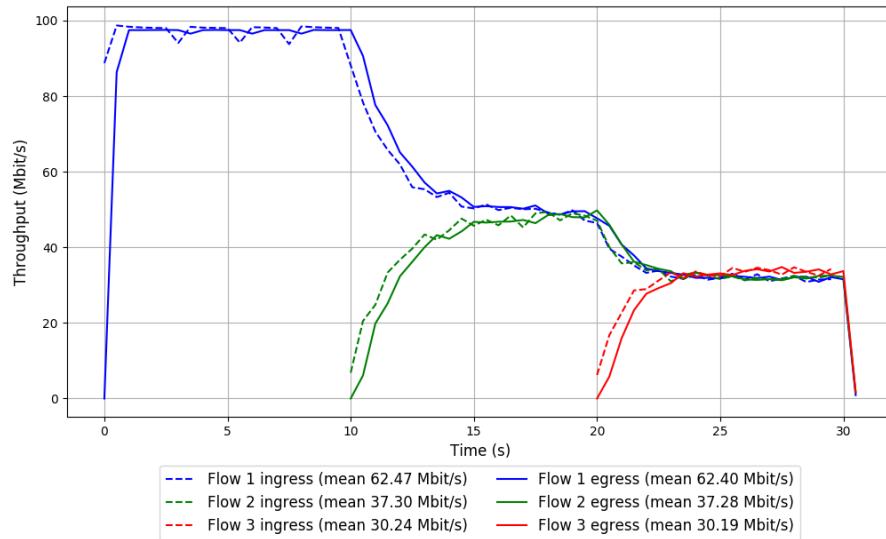


Run 6: Statistics of LEDBAT

```
Start at: 2018-07-24 16:00:31
End at: 2018-07-24 16:01:01
Local clock offset: -8.425 ms
Remote clock offset: -8.133 ms

# Below is generated by plot.py at 2018-07-24 17:49:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 32.075 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 62.40 Mbit/s
95th percentile per-packet one-way delay: 32.046 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 37.28 Mbit/s
95th percentile per-packet one-way delay: 32.209 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 30.19 Mbit/s
95th percentile per-packet one-way delay: 32.234 ms
Loss rate: 0.07%
```

Run 6: Report of LEDBAT — Data Link

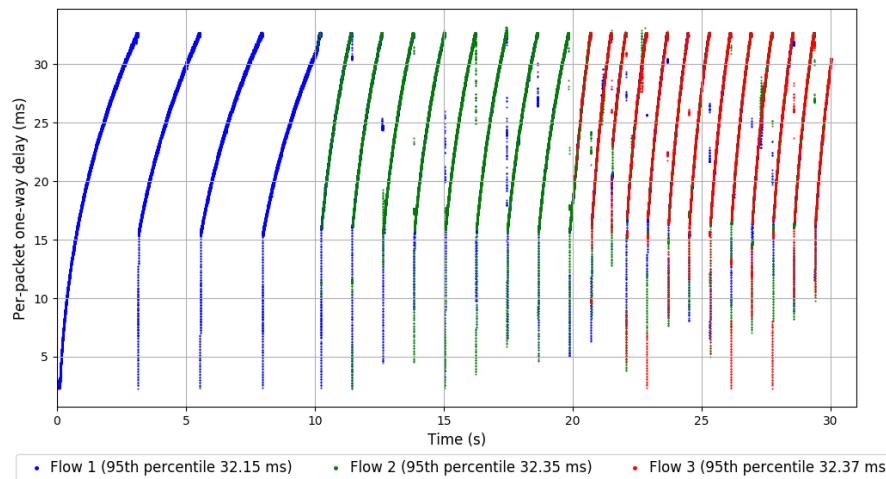
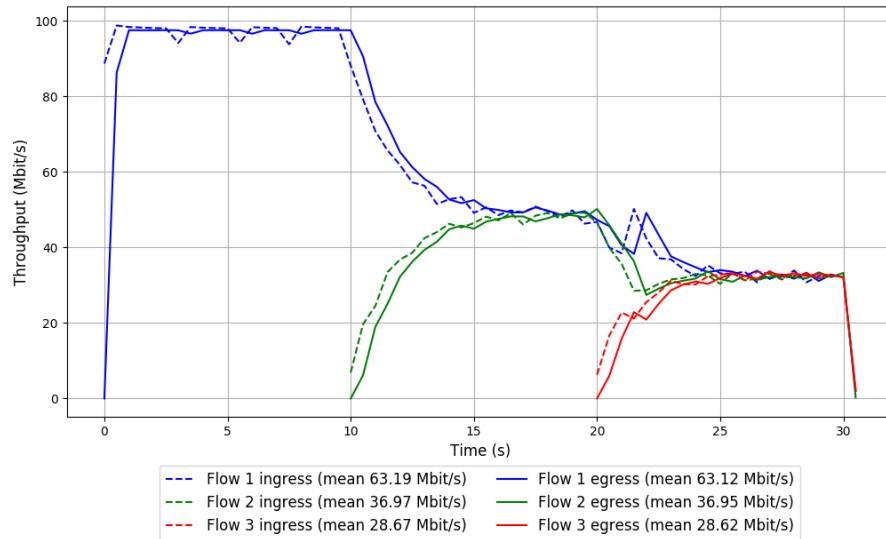


Run 7: Statistics of LEDBAT

```
Start at: 2018-07-24 16:19:42
End at: 2018-07-24 16:20:12
Local clock offset: -7.395 ms
Remote clock offset: -7.217 ms

# Below is generated by plot.py at 2018-07-24 17:49:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.20 Mbit/s
95th percentile per-packet one-way delay: 32.176 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 63.12 Mbit/s
95th percentile per-packet one-way delay: 32.148 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 36.95 Mbit/s
95th percentile per-packet one-way delay: 32.354 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 28.62 Mbit/s
95th percentile per-packet one-way delay: 32.367 ms
Loss rate: 0.07%
```

Run 7: Report of LEDBAT — Data Link

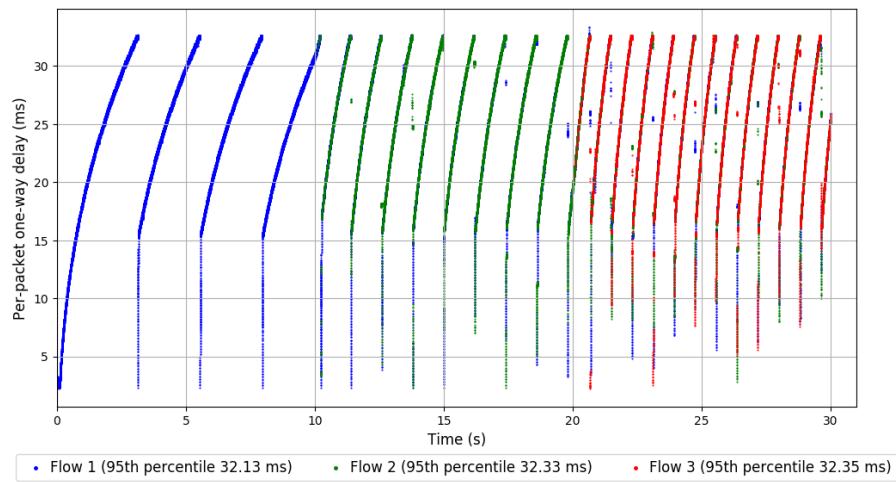
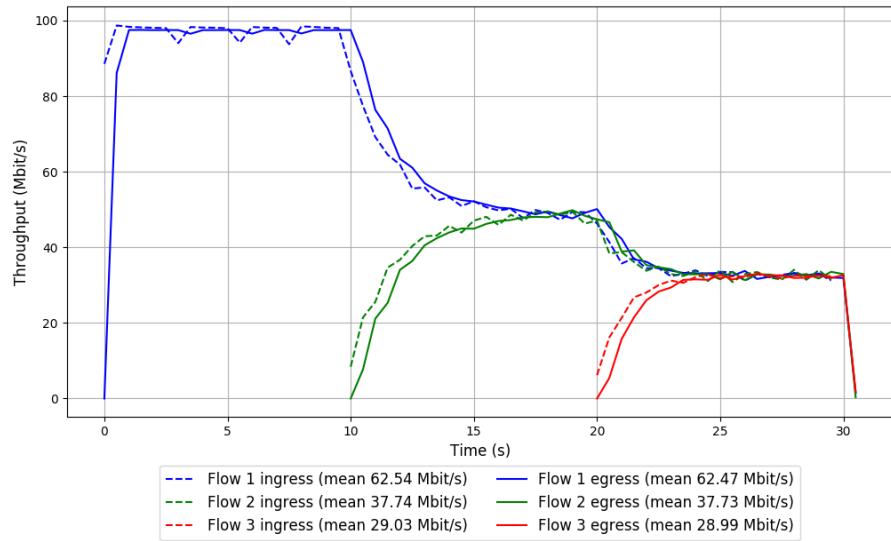


Run 8: Statistics of LEDBAT

```
Start at: 2018-07-24 16:38:55
End at: 2018-07-24 16:39:25
Local clock offset: -5.118 ms
Remote clock offset: -4.504 ms

# Below is generated by plot.py at 2018-07-24 17:49:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.19 Mbit/s
95th percentile per-packet one-way delay: 32.159 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 62.47 Mbit/s
95th percentile per-packet one-way delay: 32.128 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.73 Mbit/s
95th percentile per-packet one-way delay: 32.329 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 28.99 Mbit/s
95th percentile per-packet one-way delay: 32.347 ms
Loss rate: 0.08%
```

Run 8: Report of LEDBAT — Data Link

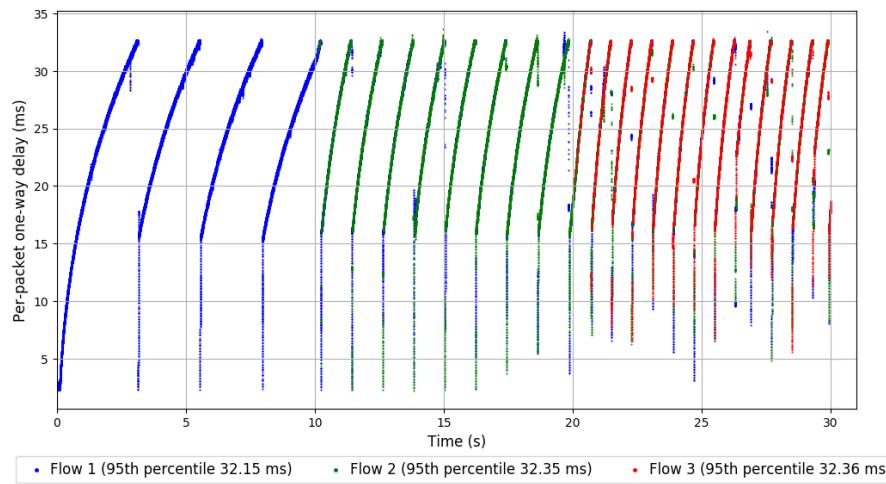
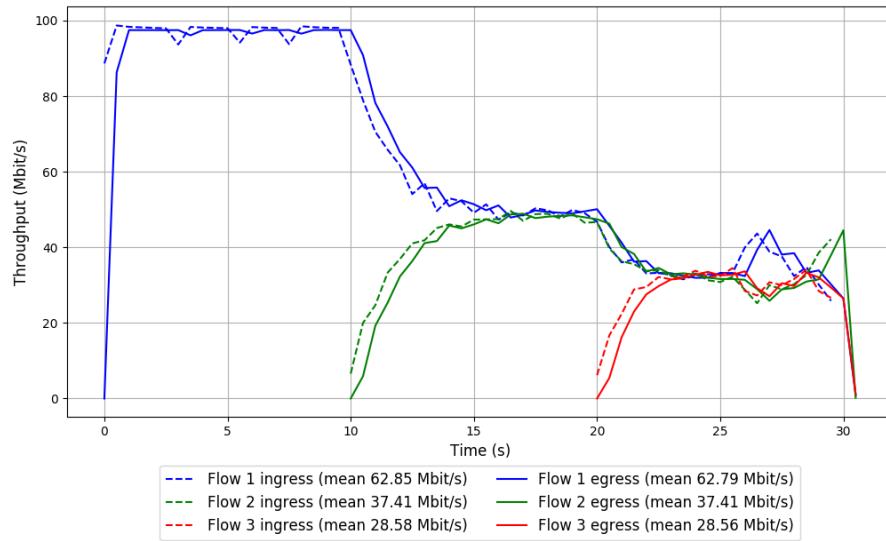


Run 9: Statistics of LEDBAT

```
Start at: 2018-07-24 16:58:07
End at: 2018-07-24 16:58:37
Local clock offset: -3.124 ms
Remote clock offset: -1.69 ms

# Below is generated by plot.py at 2018-07-24 17:50:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 32.188 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 62.79 Mbit/s
95th percentile per-packet one-way delay: 32.145 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.41 Mbit/s
95th percentile per-packet one-way delay: 32.354 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 28.56 Mbit/s
95th percentile per-packet one-way delay: 32.363 ms
Loss rate: 0.09%
```

Run 9: Report of LEDBAT — Data Link

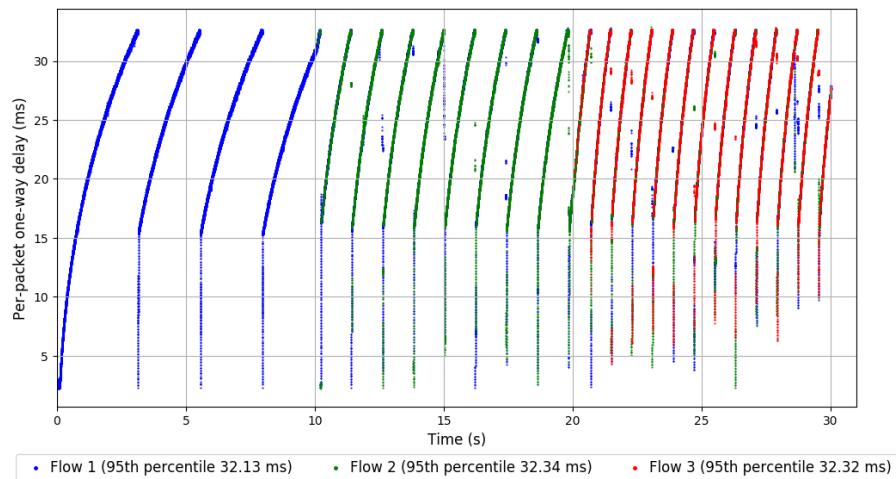
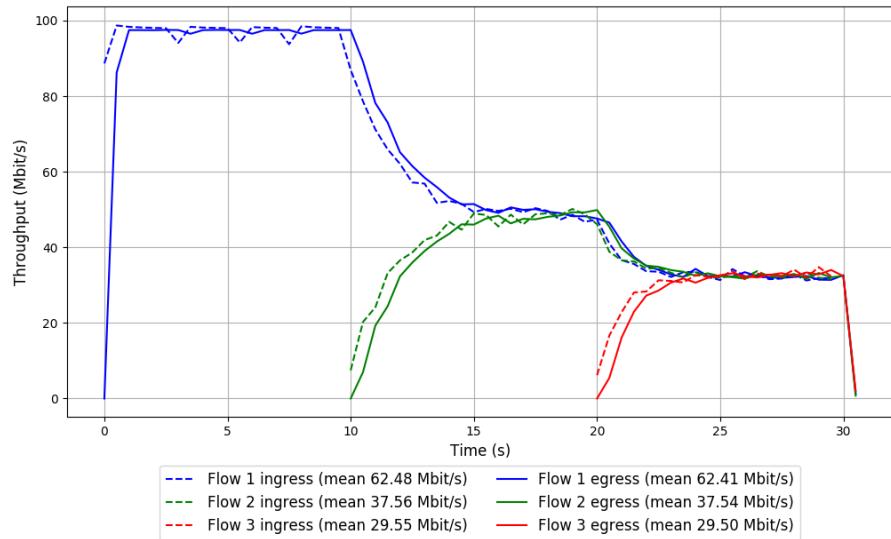


Run 10: Statistics of LEDBAT

```
Start at: 2018-07-24 17:17:19
End at: 2018-07-24 17:17:49
Local clock offset: -2.263 ms
Remote clock offset: -1.628 ms

# Below is generated by plot.py at 2018-07-24 17:50:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.19 Mbit/s
95th percentile per-packet one-way delay: 32.158 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 62.41 Mbit/s
95th percentile per-packet one-way delay: 32.130 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.54 Mbit/s
95th percentile per-packet one-way delay: 32.342 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 29.50 Mbit/s
95th percentile per-packet one-way delay: 32.323 ms
Loss rate: 0.08%
```

Run 10: Report of LEDBAT — Data Link

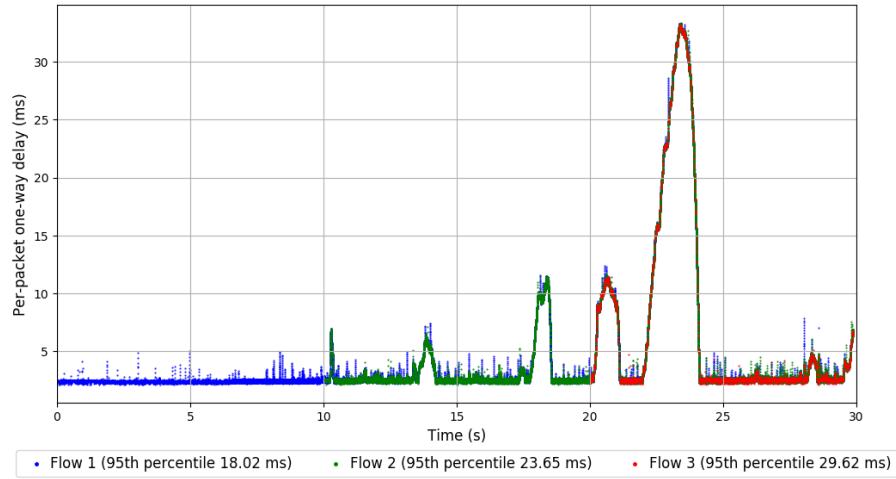
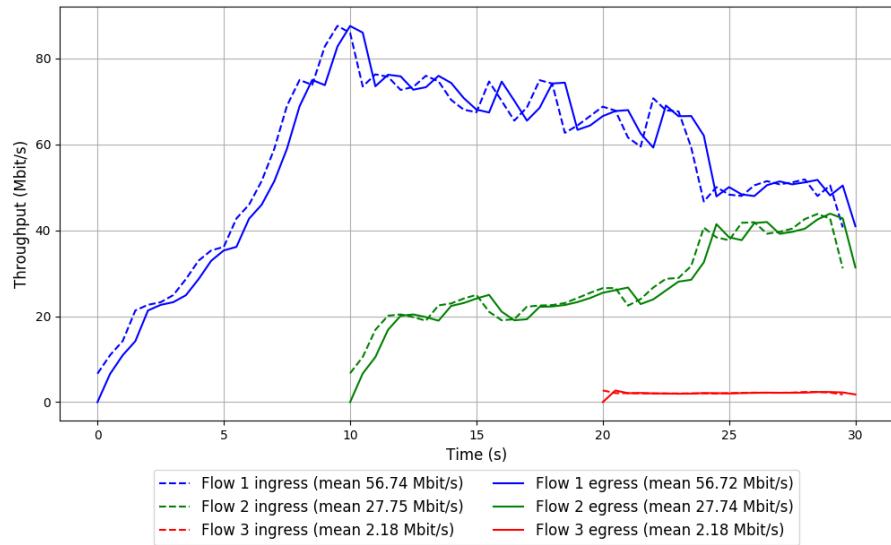


Run 1: Statistics of PCC-Allegro

```
Start at: 2018-07-24 14:25:39
End at: 2018-07-24 14:26:09
Local clock offset: -1.372 ms
Remote clock offset: -1.827 ms

# Below is generated by plot.py at 2018-07-24 17:50:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.89 Mbit/s
95th percentile per-packet one-way delay: 21.131 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 56.72 Mbit/s
95th percentile per-packet one-way delay: 18.018 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 27.74 Mbit/s
95th percentile per-packet one-way delay: 23.651 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 29.621 ms
Loss rate: 0.00%
```

Run 1: Report of PCC-Allegro — Data Link

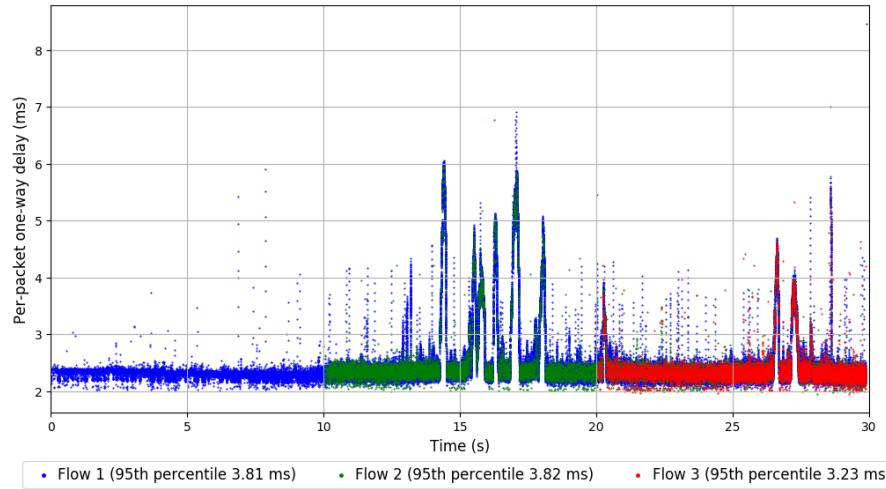
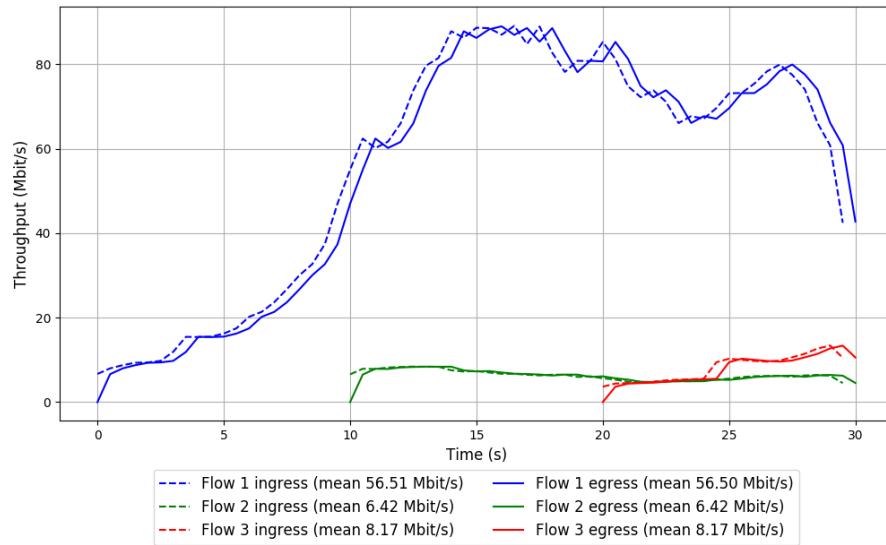


Run 2: Statistics of PCC-Allegro

```
Start at: 2018-07-24 14:44:51
End at: 2018-07-24 14:45:21
Local clock offset: -6.092 ms
Remote clock offset: -1.654 ms

# Below is generated by plot.py at 2018-07-24 17:50:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 63.46 Mbit/s
95th percentile per-packet one-way delay: 3.790 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.50 Mbit/s
95th percentile per-packet one-way delay: 3.815 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.42 Mbit/s
95th percentile per-packet one-way delay: 3.820 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 8.17 Mbit/s
95th percentile per-packet one-way delay: 3.233 ms
Loss rate: 0.00%
```

Run 2: Report of PCC-Allegro — Data Link

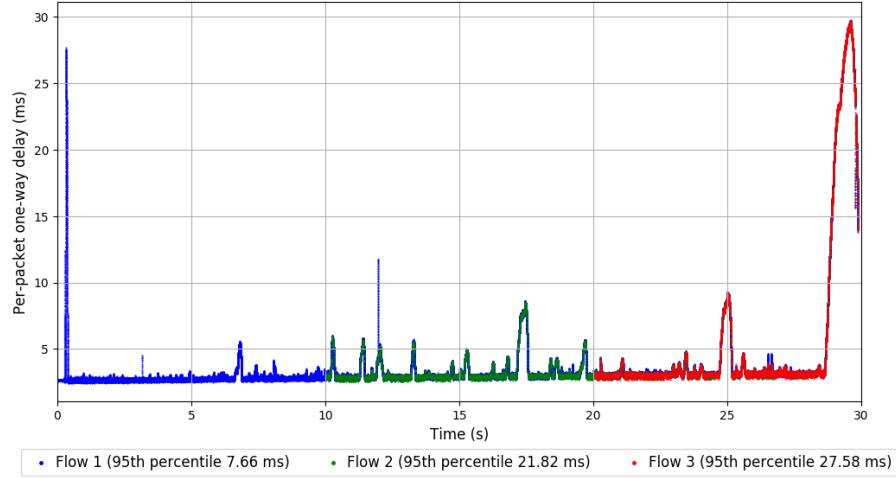
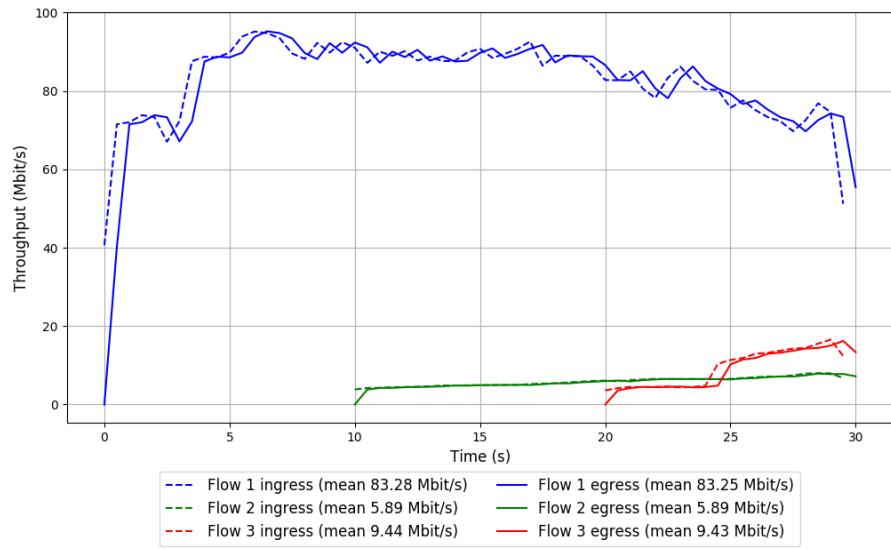


Run 3: Statistics of PCC-Allegro

```
Start at: 2018-07-24 15:04:03
End at: 2018-07-24 15:04:33
Local clock offset: -5.972 ms
Remote clock offset: -6.557 ms

# Below is generated by plot.py at 2018-07-24 17:50:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.28 Mbit/s
95th percentile per-packet one-way delay: 8.335 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 83.25 Mbit/s
95th percentile per-packet one-way delay: 7.663 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 5.89 Mbit/s
95th percentile per-packet one-way delay: 21.818 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 9.43 Mbit/s
95th percentile per-packet one-way delay: 27.583 ms
Loss rate: 0.00%
```

Run 3: Report of PCC-Allegro — Data Link

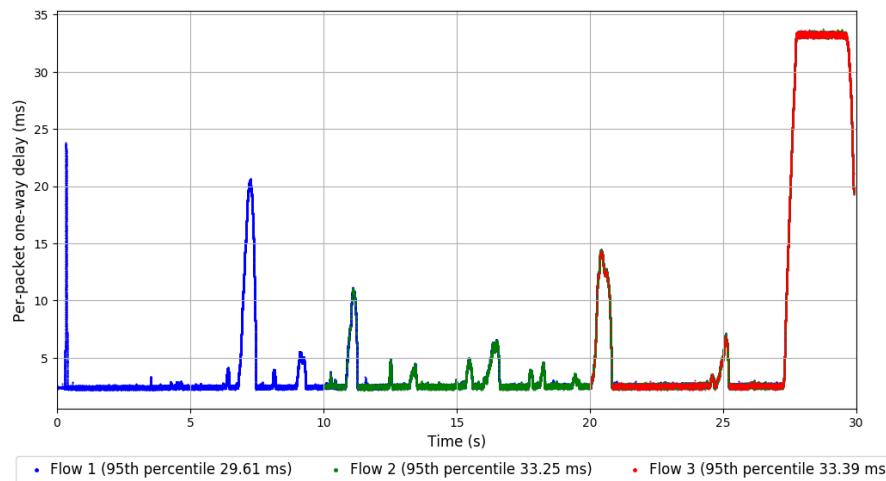
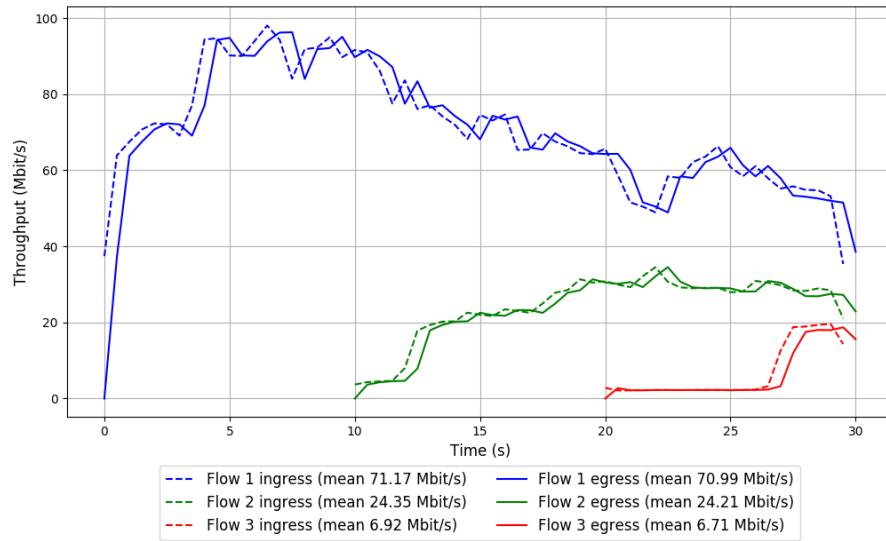


Run 4: Statistics of PCC-Allegro

```
Start at: 2018-07-24 15:23:15
End at: 2018-07-24 15:23:45
Local clock offset: 0.098 ms
Remote clock offset: -9.015 ms

# Below is generated by plot.py at 2018-07-24 17:50:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.30 Mbit/s
95th percentile per-packet one-way delay: 33.179 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 70.99 Mbit/s
95th percentile per-packet one-way delay: 29.607 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 24.21 Mbit/s
95th percentile per-packet one-way delay: 33.251 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 6.71 Mbit/s
95th percentile per-packet one-way delay: 33.388 ms
Loss rate: 2.83%
```

Run 4: Report of PCC-Allegro — Data Link

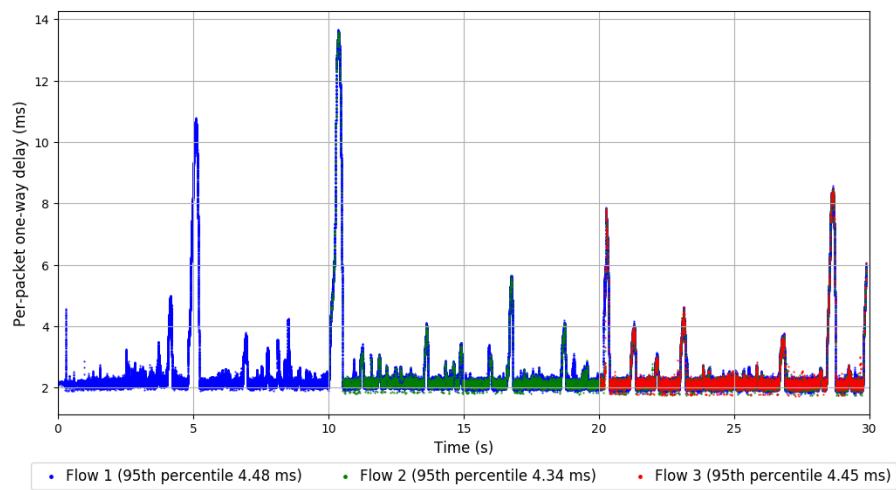
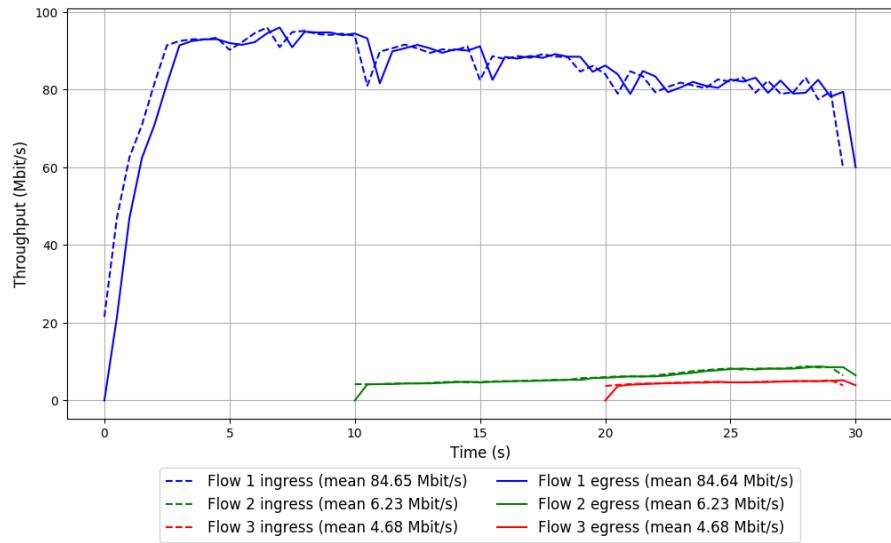


Run 5: Statistics of PCC-Allegro

```
Start at: 2018-07-24 15:42:28
End at: 2018-07-24 15:42:58
Local clock offset: -5.346 ms
Remote clock offset: -8.125 ms

# Below is generated by plot.py at 2018-07-24 17:50:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.33 Mbit/s
95th percentile per-packet one-way delay: 4.471 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.64 Mbit/s
95th percentile per-packet one-way delay: 4.477 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 6.23 Mbit/s
95th percentile per-packet one-way delay: 4.343 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.68 Mbit/s
95th percentile per-packet one-way delay: 4.449 ms
Loss rate: 0.00%
```

Run 5: Report of PCC-Allegro — Data Link

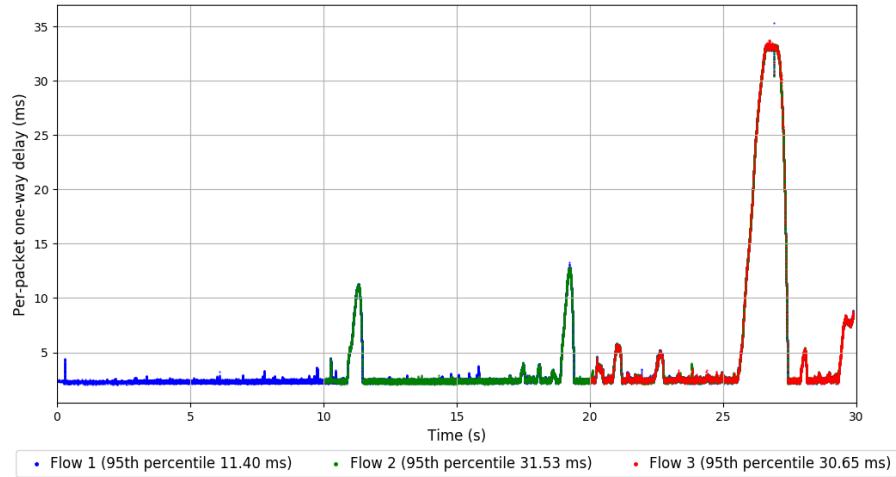
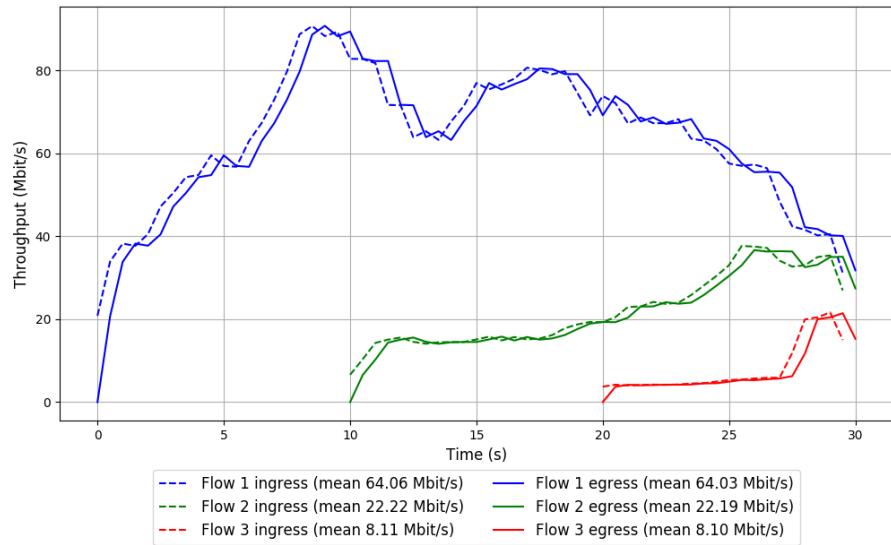


Run 6: Statistics of PCC-Allegro

```
Start at: 2018-07-24 16:01:39
End at: 2018-07-24 16:02:10
Local clock offset: -8.514 ms
Remote clock offset: -8.069 ms

# Below is generated by plot.py at 2018-07-24 17:50:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.46 Mbit/s
95th percentile per-packet one-way delay: 18.262 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 64.03 Mbit/s
95th percentile per-packet one-way delay: 11.399 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 22.19 Mbit/s
95th percentile per-packet one-way delay: 31.528 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 8.10 Mbit/s
95th percentile per-packet one-way delay: 30.650 ms
Loss rate: 0.07%
```

Run 6: Report of PCC-Allegro — Data Link

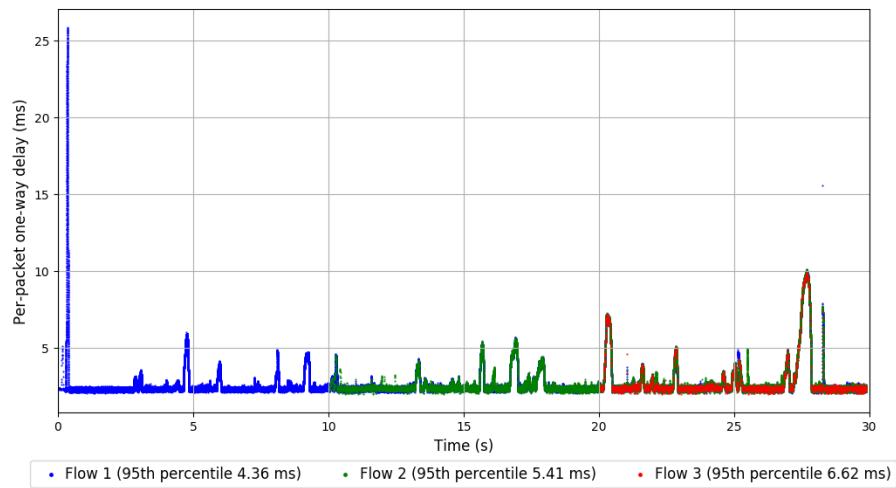
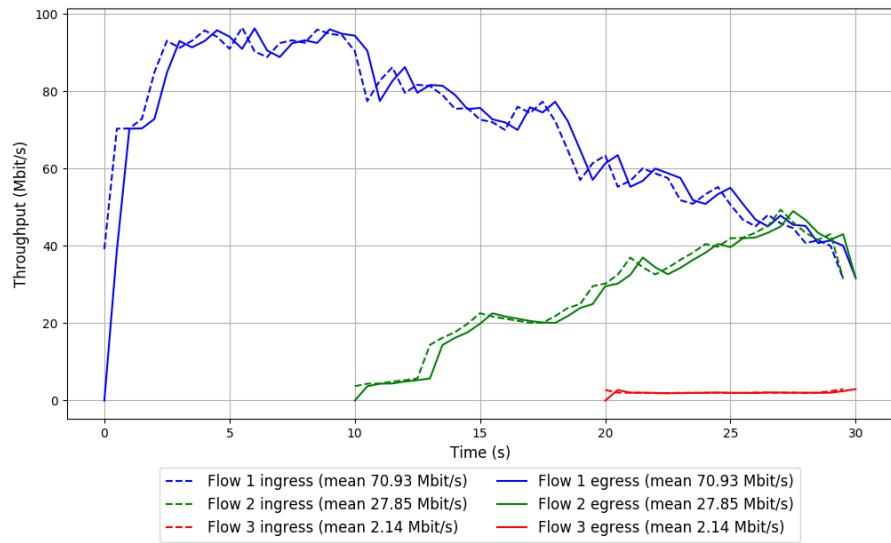


Run 7: Statistics of PCC-Allegro

```
Start at: 2018-07-24 16:20:51
End at: 2018-07-24 16:21:21
Local clock offset: -7.395 ms
Remote clock offset: -7.298 ms

# Below is generated by plot.py at 2018-07-24 17:51:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.16 Mbit/s
95th percentile per-packet one-way delay: 4.507 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.93 Mbit/s
95th percentile per-packet one-way delay: 4.357 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 27.85 Mbit/s
95th percentile per-packet one-way delay: 5.408 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.14 Mbit/s
95th percentile per-packet one-way delay: 6.616 ms
Loss rate: 0.00%
```

Run 7: Report of PCC-Allegro — Data Link

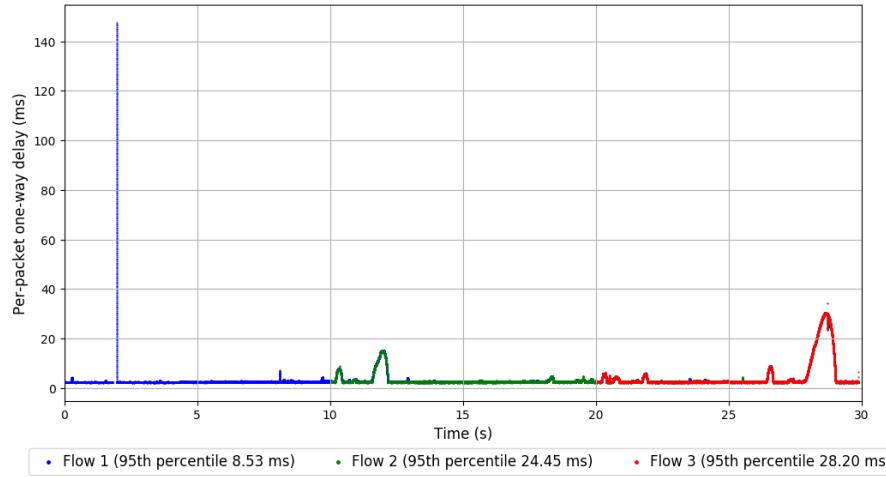
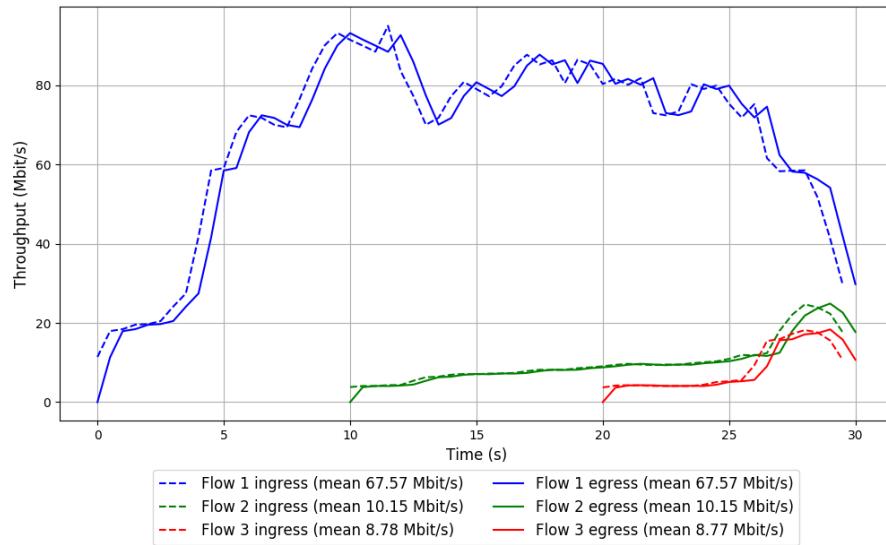


Run 8: Statistics of PCC-Allegro

```
Start at: 2018-07-24 16:40:04
End at: 2018-07-24 16:40:34
Local clock offset: -4.907 ms
Remote clock offset: -4.12 ms

# Below is generated by plot.py at 2018-07-24 17:51:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.20 Mbit/s
95th percentile per-packet one-way delay: 11.668 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 67.57 Mbit/s
95th percentile per-packet one-way delay: 8.527 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 10.15 Mbit/s
95th percentile per-packet one-way delay: 24.451 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 8.77 Mbit/s
95th percentile per-packet one-way delay: 28.203 ms
Loss rate: 0.00%
```

Run 8: Report of PCC-Allegro — Data Link

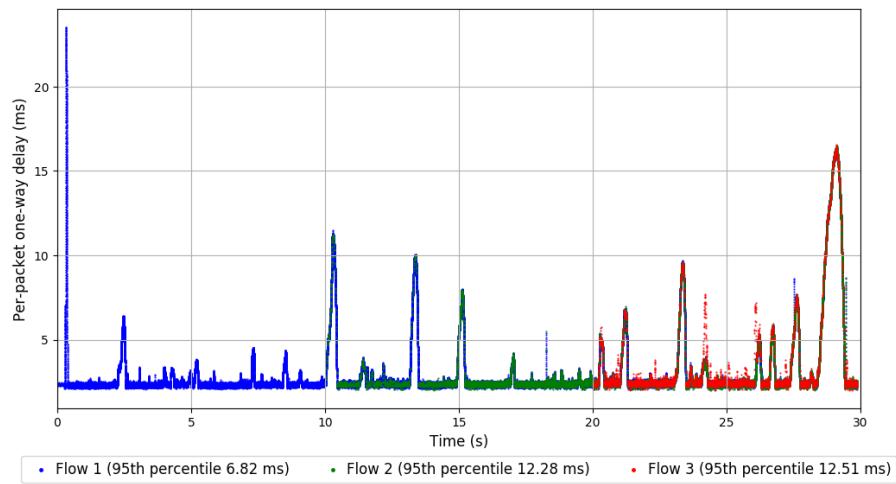
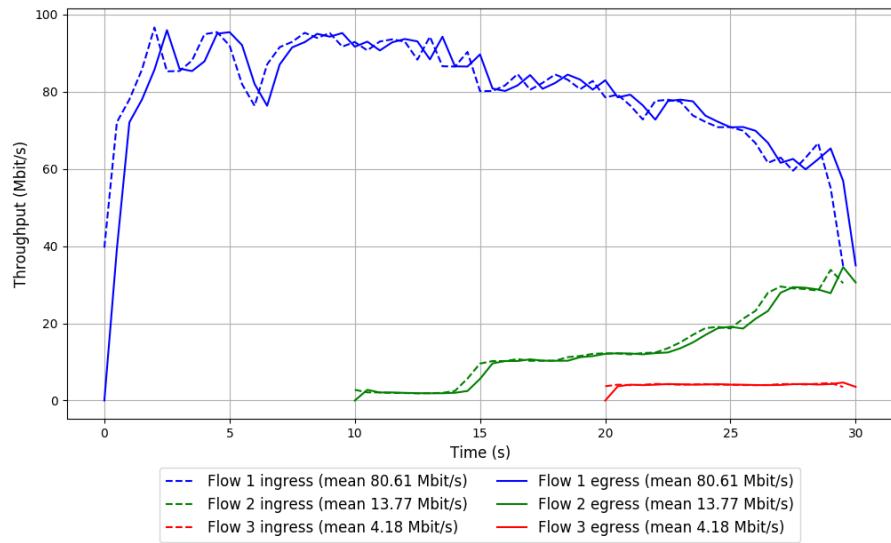


Run 9: Statistics of PCC-Allegro

```
Start at: 2018-07-24 16:59:16
End at: 2018-07-24 16:59:46
Local clock offset: -3.055 ms
Remote clock offset: -1.663 ms

# Below is generated by plot.py at 2018-07-24 17:51:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.15 Mbit/s
95th percentile per-packet one-way delay: 7.466 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.61 Mbit/s
95th percentile per-packet one-way delay: 6.823 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 13.77 Mbit/s
95th percentile per-packet one-way delay: 12.283 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.18 Mbit/s
95th percentile per-packet one-way delay: 12.505 ms
Loss rate: 0.00%
```

Run 9: Report of PCC-Allegro — Data Link

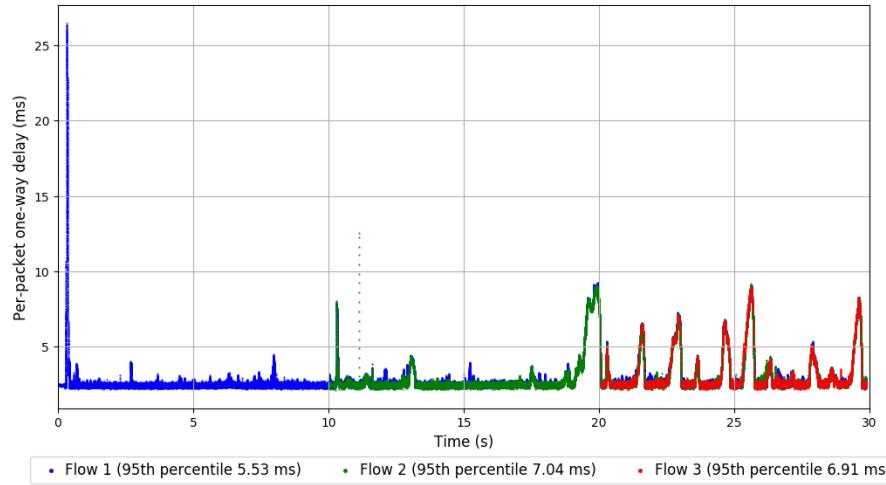
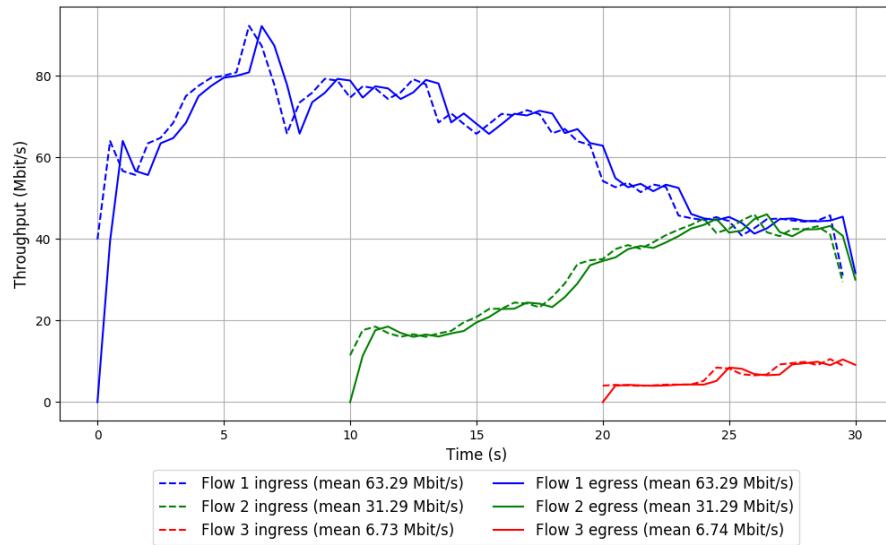


Run 10: Statistics of PCC-Allegro

```
Start at: 2018-07-24 17:18:28
End at: 2018-07-24 17:18:58
Local clock offset: -2.302 ms
Remote clock offset: -1.626 ms

# Below is generated by plot.py at 2018-07-24 17:51:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.32 Mbit/s
95th percentile per-packet one-way delay: 6.177 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 63.29 Mbit/s
95th percentile per-packet one-way delay: 5.526 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.29 Mbit/s
95th percentile per-packet one-way delay: 7.043 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 6.74 Mbit/s
95th percentile per-packet one-way delay: 6.910 ms
Loss rate: 0.00%
```

Run 10: Report of PCC-Allegro — Data Link

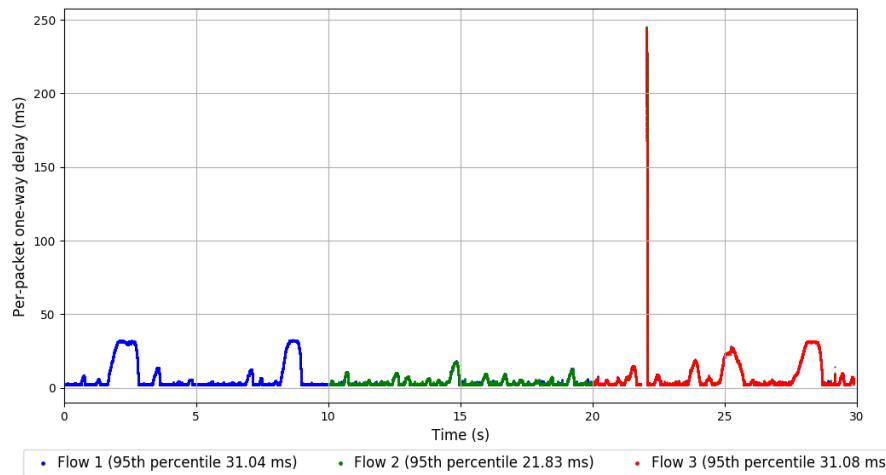
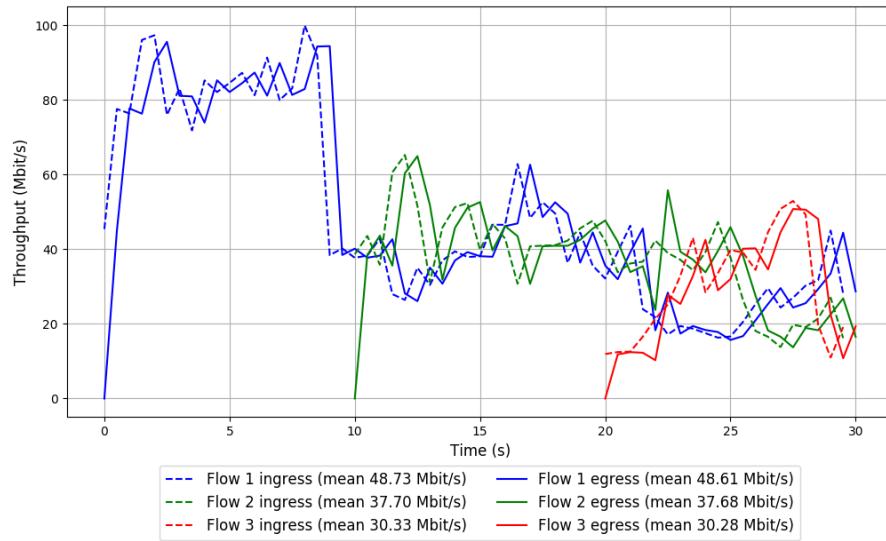


Run 1: Statistics of PCC-Expr

```
Start at: 2018-07-24 14:23:20
End at: 2018-07-24 14:23:50
Local clock offset: -1.446 ms
Remote clock offset: -1.863 ms

# Below is generated by plot.py at 2018-07-24 17:52:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.67 Mbit/s
95th percentile per-packet one-way delay: 30.737 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 48.61 Mbit/s
95th percentile per-packet one-way delay: 31.036 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 37.68 Mbit/s
95th percentile per-packet one-way delay: 21.832 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 30.28 Mbit/s
95th percentile per-packet one-way delay: 31.077 ms
Loss rate: 0.19%
```

Run 1: Report of PCC-Expr — Data Link

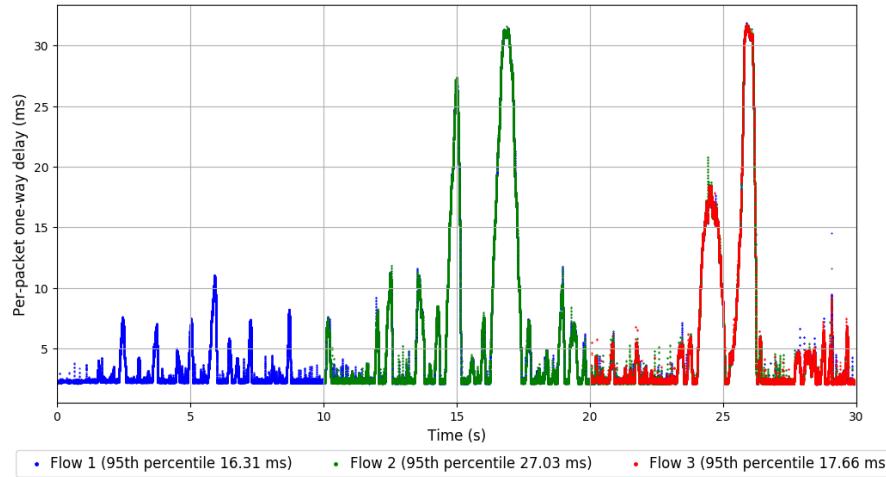
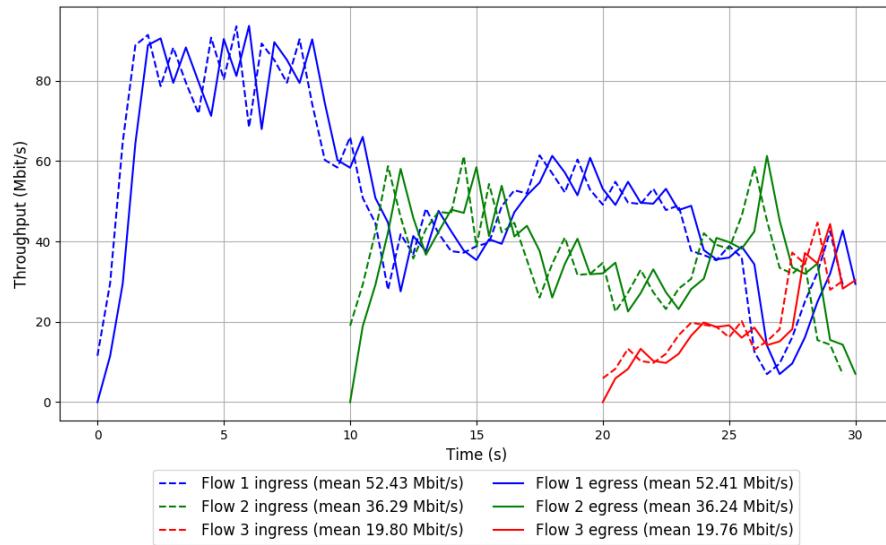


Run 2: Statistics of PCC-Expr

```
Start at: 2018-07-24 14:42:32
End at: 2018-07-24 14:43:02
Local clock offset: -5.603 ms
Remote clock offset: -1.684 ms

# Below is generated by plot.py at 2018-07-24 17:52:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.04 Mbit/s
95th percentile per-packet one-way delay: 20.245 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 52.41 Mbit/s
95th percentile per-packet one-way delay: 16.309 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 36.24 Mbit/s
95th percentile per-packet one-way delay: 27.026 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 19.76 Mbit/s
95th percentile per-packet one-way delay: 17.656 ms
Loss rate: 0.22%
```

Run 2: Report of PCC-Expr — Data Link

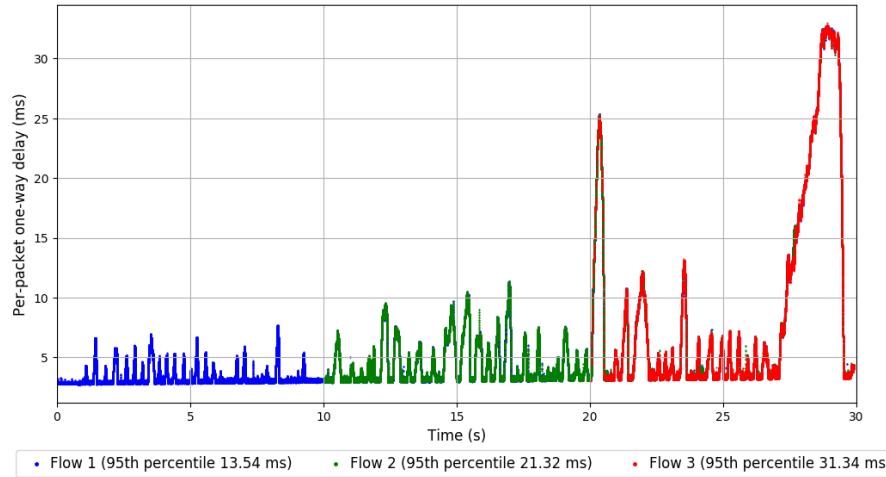
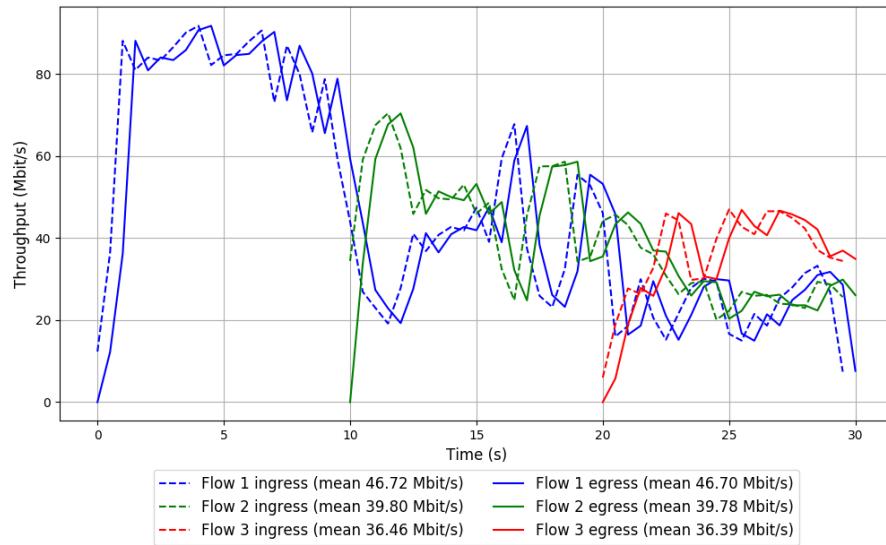


Run 3: Statistics of PCC-Expr

```
Start at: 2018-07-24 15:01:44
End at: 2018-07-24 15:02:14
Local clock offset: -7.966 ms
Remote clock offset: -6.077 ms

# Below is generated by plot.py at 2018-07-24 17:52:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.18 Mbit/s
95th percentile per-packet one-way delay: 21.420 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 46.70 Mbit/s
95th percentile per-packet one-way delay: 13.541 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 39.78 Mbit/s
95th percentile per-packet one-way delay: 21.321 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 36.39 Mbit/s
95th percentile per-packet one-way delay: 31.335 ms
Loss rate: 0.16%
```

Run 3: Report of PCC-Expr — Data Link

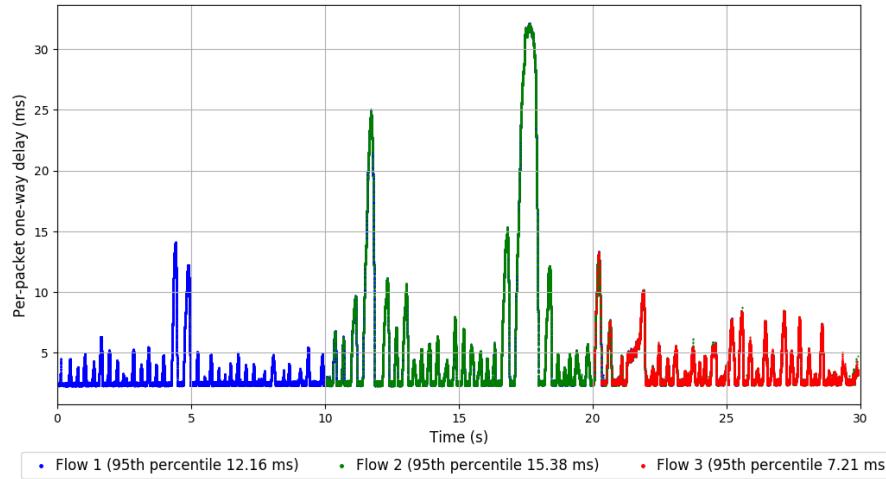
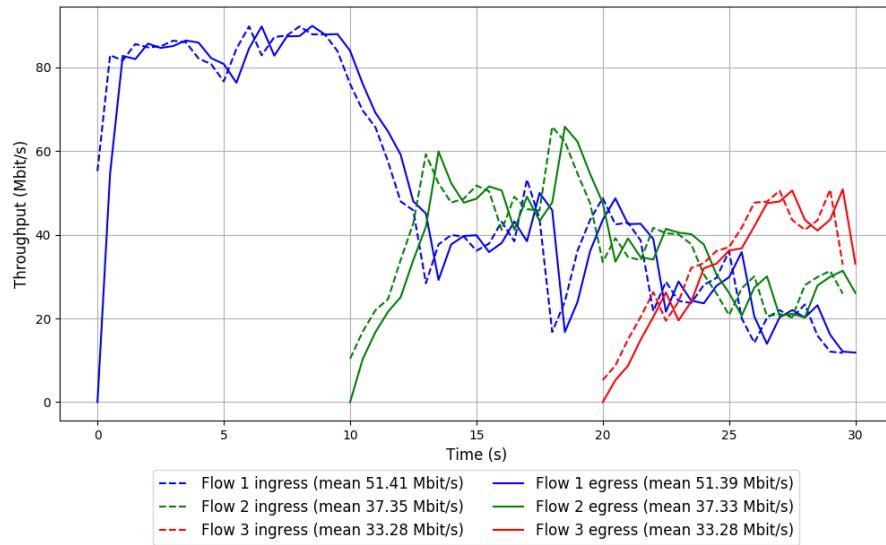


Run 4: Statistics of PCC-Expr

```
Start at: 2018-07-24 15:20:56
End at: 2018-07-24 15:21:26
Local clock offset: -0.267 ms
Remote clock offset: -8.844 ms

# Below is generated by plot.py at 2018-07-24 17:52:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.20 Mbit/s
95th percentile per-packet one-way delay: 12.142 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 51.39 Mbit/s
95th percentile per-packet one-way delay: 12.156 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 37.33 Mbit/s
95th percentile per-packet one-way delay: 15.385 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 33.28 Mbit/s
95th percentile per-packet one-way delay: 7.205 ms
Loss rate: 0.00%
```

Run 4: Report of PCC-Expr — Data Link

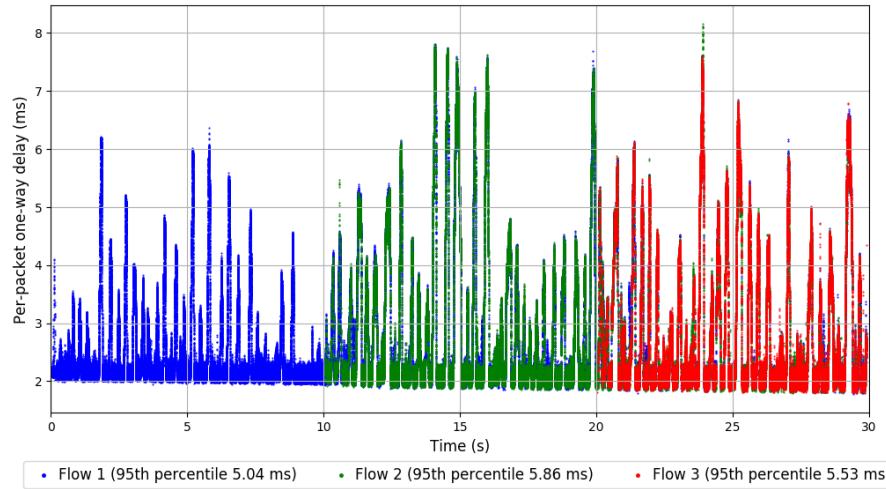
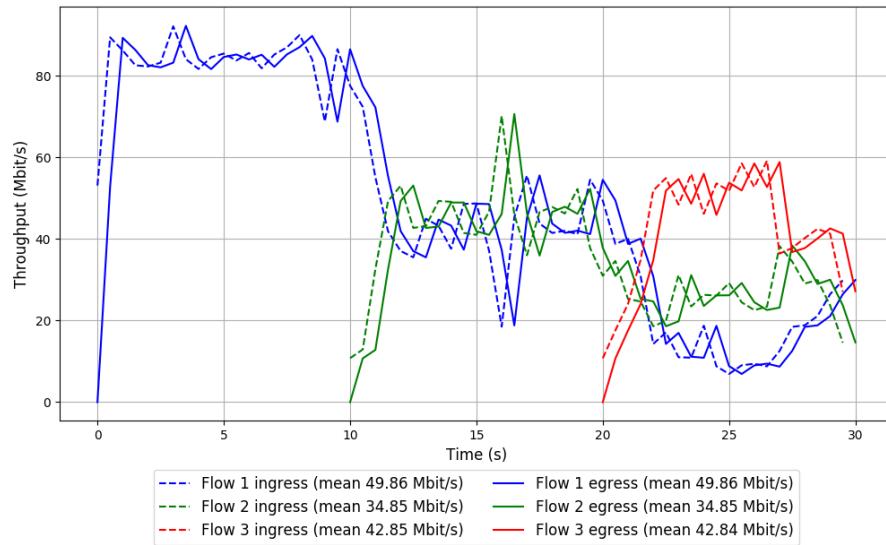


Run 5: Statistics of PCC-Expr

```
Start at: 2018-07-24 15:40:09
End at: 2018-07-24 15:40:39
Local clock offset: -4.51 ms
Remote clock offset: -8.07 ms

# Below is generated by plot.py at 2018-07-24 17:53:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.18 Mbit/s
95th percentile per-packet one-way delay: 5.390 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.86 Mbit/s
95th percentile per-packet one-way delay: 5.042 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 34.85 Mbit/s
95th percentile per-packet one-way delay: 5.858 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 42.84 Mbit/s
95th percentile per-packet one-way delay: 5.534 ms
Loss rate: 0.00%
```

Run 5: Report of PCC-Expr — Data Link

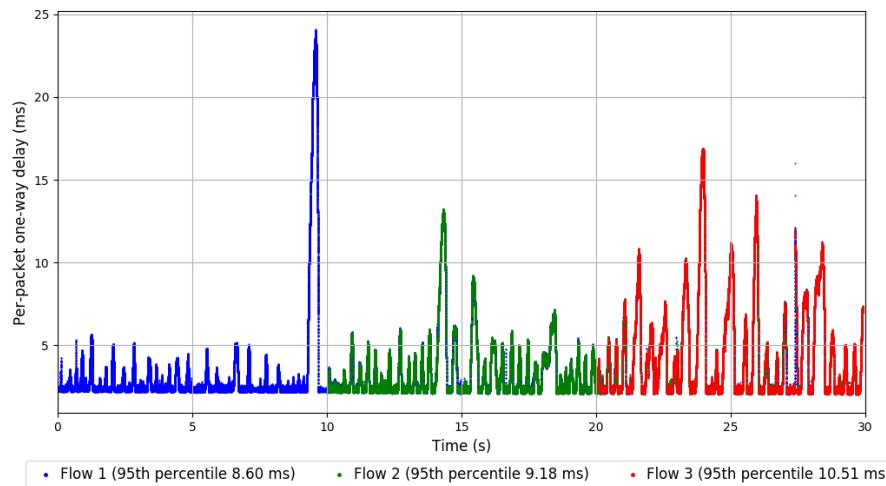
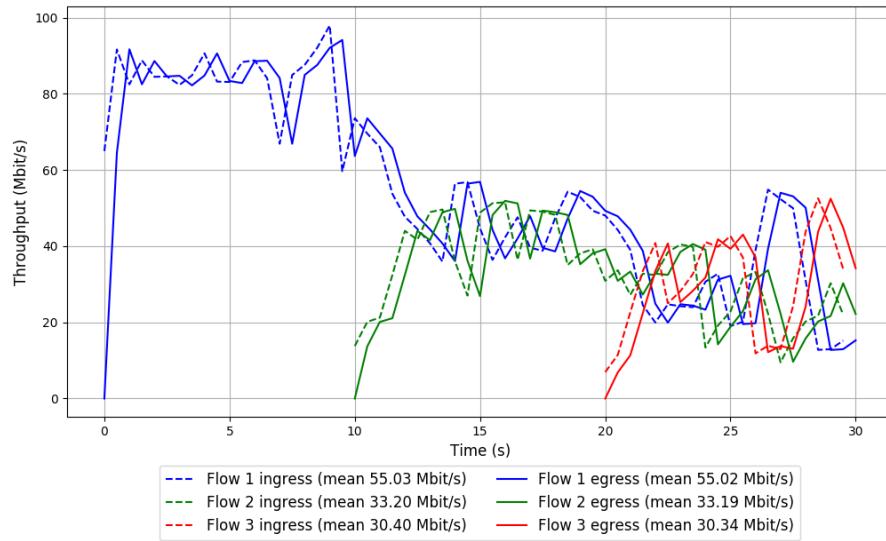


Run 6: Statistics of PCC-Expr

```
Start at: 2018-07-24 15:59:21
End at: 2018-07-24 15:59:51
Local clock offset: -8.327 ms
Remote clock offset: -8.384 ms

# Below is generated by plot.py at 2018-07-24 17:53:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.10 Mbit/s
95th percentile per-packet one-way delay: 9.272 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.02 Mbit/s
95th percentile per-packet one-way delay: 8.596 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 33.19 Mbit/s
95th percentile per-packet one-way delay: 9.181 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.34 Mbit/s
95th percentile per-packet one-way delay: 10.509 ms
Loss rate: 0.00%
```

Run 6: Report of PCC-Expr — Data Link

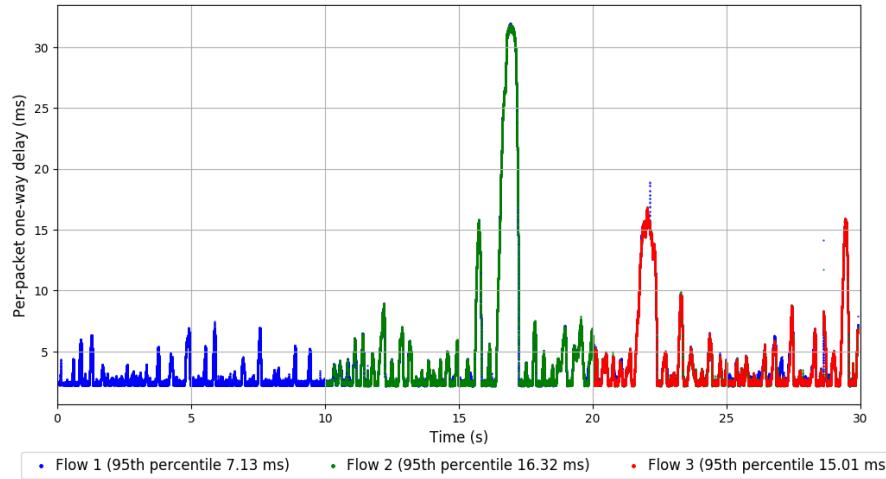
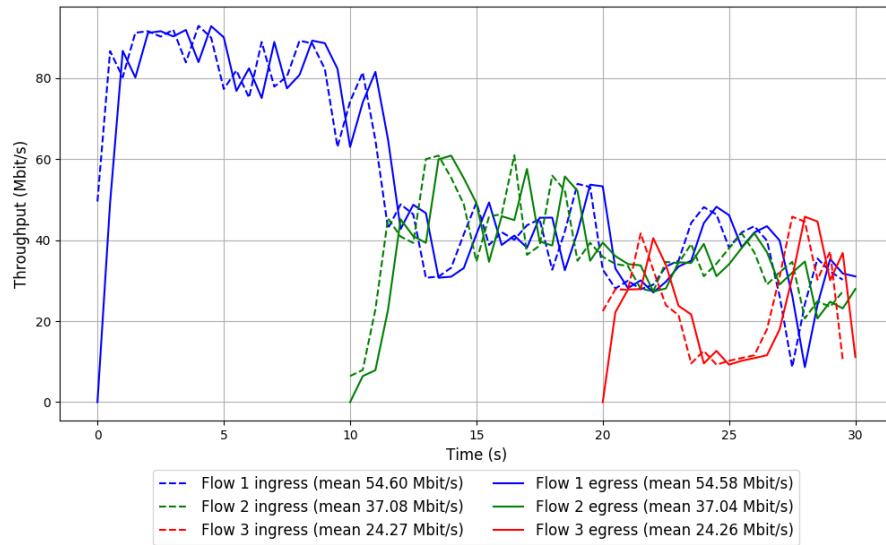


Run 7: Statistics of PCC-Expr

```
Start at: 2018-07-24 16:18:32
End at: 2018-07-24 16:19:02
Local clock offset: -7.394 ms
Remote clock offset: -7.256 ms

# Below is generated by plot.py at 2018-07-24 17:53:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.22 Mbit/s
95th percentile per-packet one-way delay: 13.341 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 54.58 Mbit/s
95th percentile per-packet one-way delay: 7.130 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 37.04 Mbit/s
95th percentile per-packet one-way delay: 16.318 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 24.26 Mbit/s
95th percentile per-packet one-way delay: 15.010 ms
Loss rate: 0.00%
```

Run 7: Report of PCC-Expr — Data Link

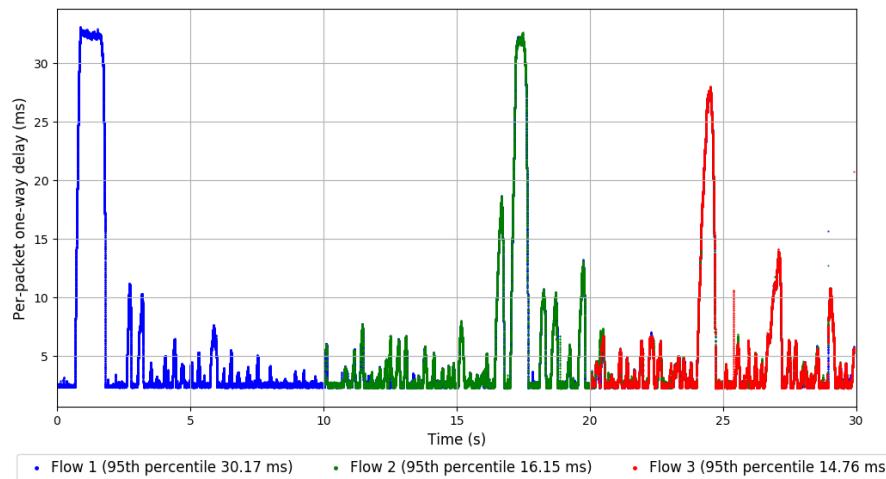
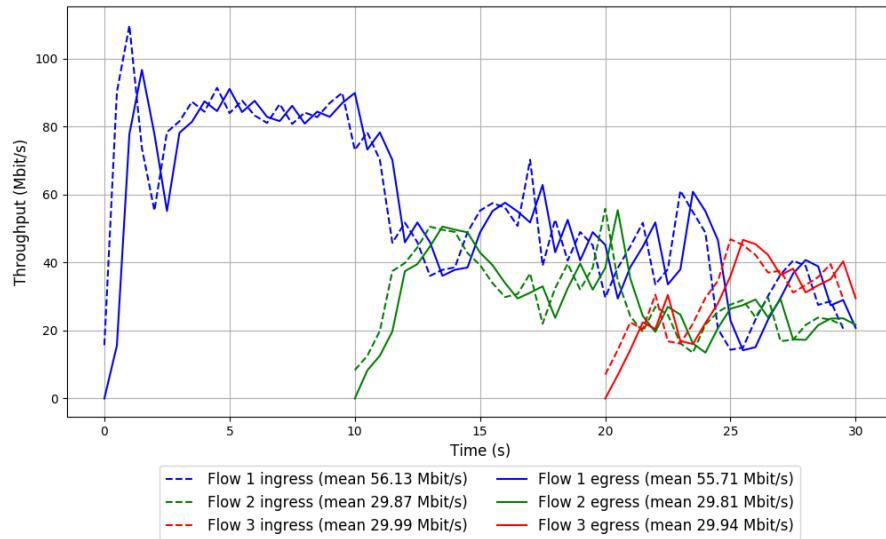


Run 8: Statistics of PCC-Expr

```
Start at: 2018-07-24 16:37:45
End at: 2018-07-24 16:38:15
Local clock offset: -5.399 ms
Remote clock offset: -4.782 ms

# Below is generated by plot.py at 2018-07-24 17:53:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.41 Mbit/s
95th percentile per-packet one-way delay: 25.527 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 55.71 Mbit/s
95th percentile per-packet one-way delay: 30.167 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 29.81 Mbit/s
95th percentile per-packet one-way delay: 16.152 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 29.94 Mbit/s
95th percentile per-packet one-way delay: 14.759 ms
Loss rate: 0.00%
```

Run 8: Report of PCC-Expr — Data Link

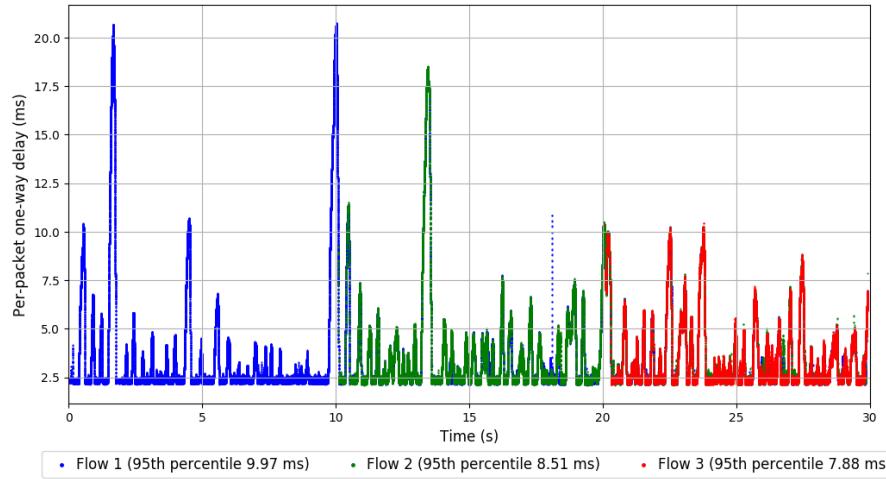
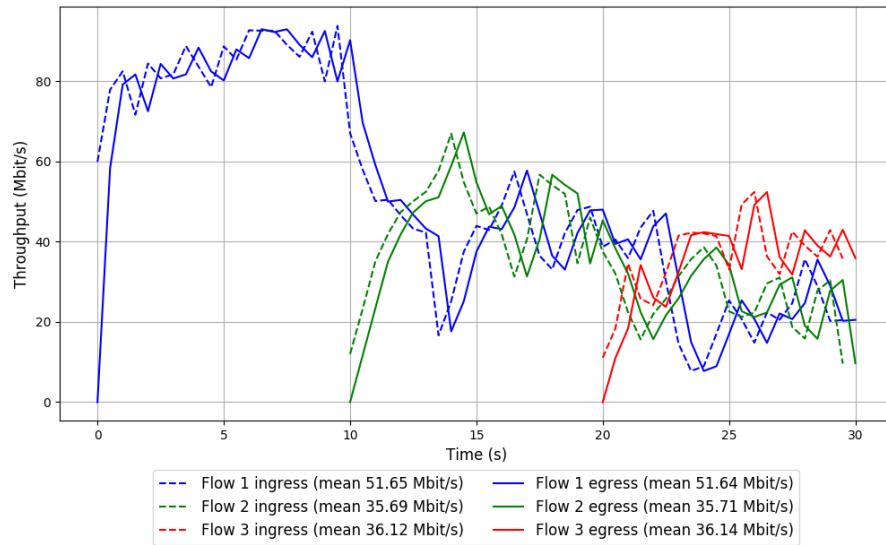


Run 9: Statistics of PCC-Expr

```
Start at: 2018-07-24 16:56:57
End at: 2018-07-24 16:57:27
Local clock offset: -3.174 ms
Remote clock offset: -1.864 ms

# Below is generated by plot.py at 2018-07-24 17:54:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.30 Mbit/s
95th percentile per-packet one-way delay: 9.078 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 51.64 Mbit/s
95th percentile per-packet one-way delay: 9.974 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.71 Mbit/s
95th percentile per-packet one-way delay: 8.505 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 36.14 Mbit/s
95th percentile per-packet one-way delay: 7.884 ms
Loss rate: 0.00%
```

Run 9: Report of PCC-Expr — Data Link

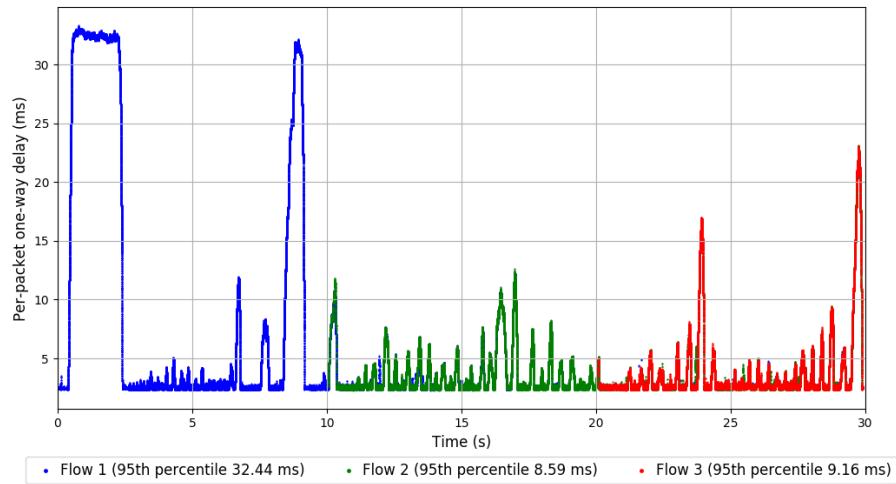
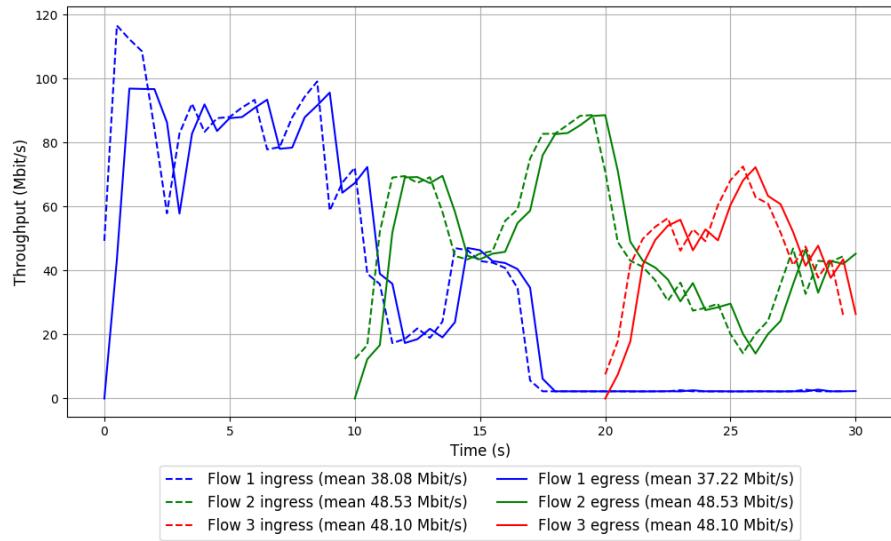


Run 10: Statistics of PCC-Expr

```
Start at: 2018-07-24 17:16:09
End at: 2018-07-24 17:16:39
Local clock offset: -2.299 ms
Remote clock offset: -1.537 ms

# Below is generated by plot.py at 2018-07-24 17:54:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.38 Mbit/s
95th percentile per-packet one-way delay: 31.448 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 37.22 Mbit/s
95th percentile per-packet one-way delay: 32.435 ms
Loss rate: 2.26%
-- Flow 2:
Average throughput: 48.53 Mbit/s
95th percentile per-packet one-way delay: 8.588 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 48.10 Mbit/s
95th percentile per-packet one-way delay: 9.159 ms
Loss rate: 0.00%
```

Run 10: Report of PCC-Expr — Data Link

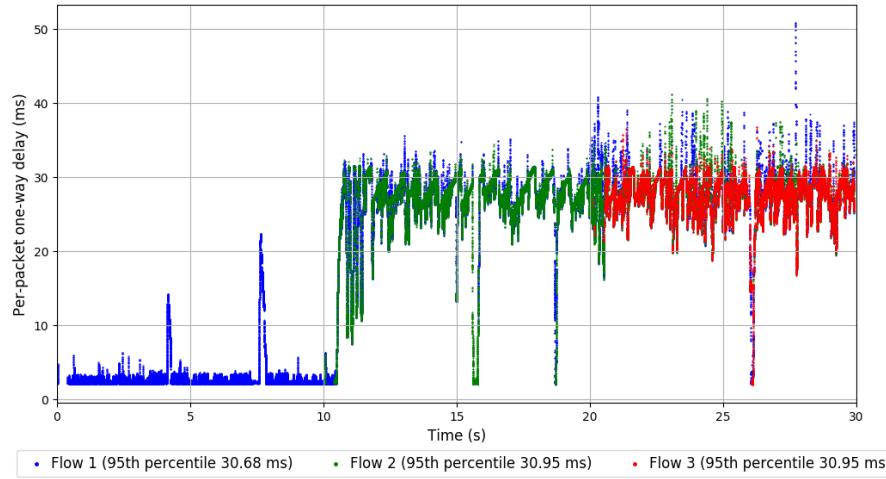
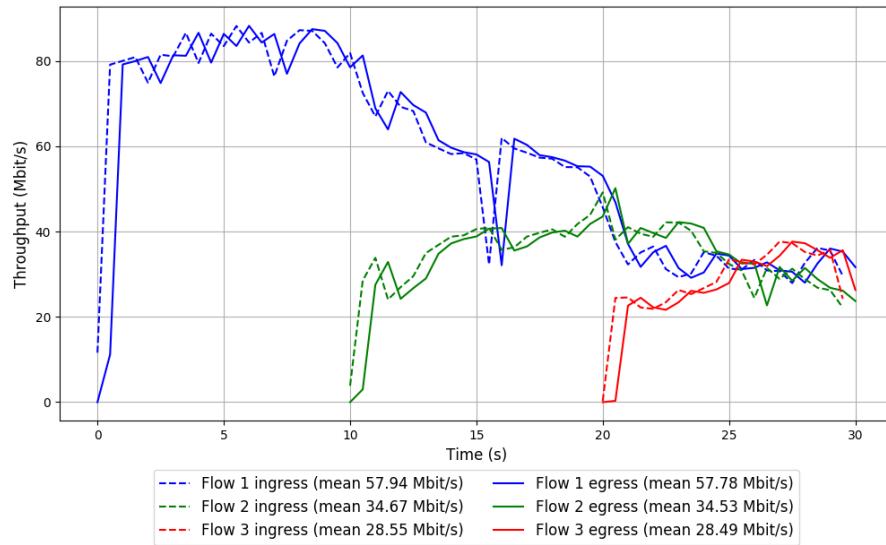


Run 1: Statistics of QUIC Cubic

```
Start at: 2018-07-24 14:39:08
End at: 2018-07-24 14:39:38
Local clock offset: -4.717 ms
Remote clock offset: -1.729 ms

# Below is generated by plot.py at 2018-07-24 17:54:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.10 Mbit/s
95th percentile per-packet one-way delay: 30.809 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 57.78 Mbit/s
95th percentile per-packet one-way delay: 30.679 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 34.53 Mbit/s
95th percentile per-packet one-way delay: 30.955 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 28.49 Mbit/s
95th percentile per-packet one-way delay: 30.948 ms
Loss rate: 0.23%
```

Run 1: Report of QUIC Cubic — Data Link

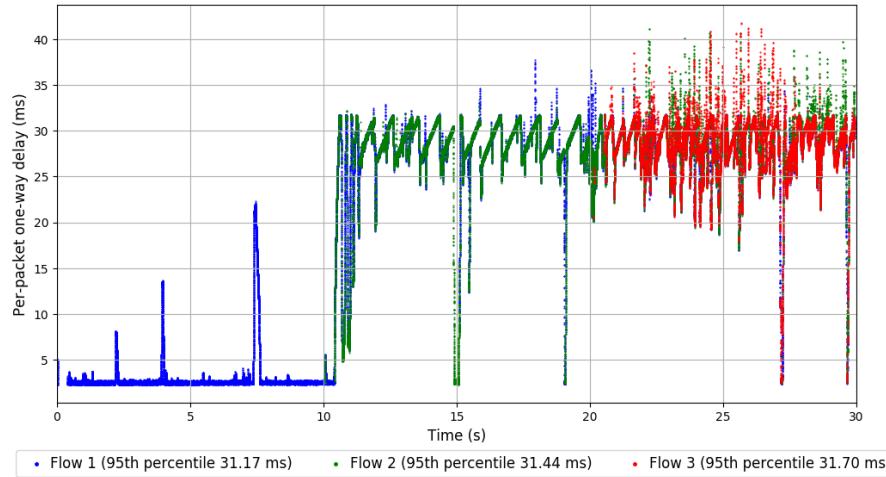
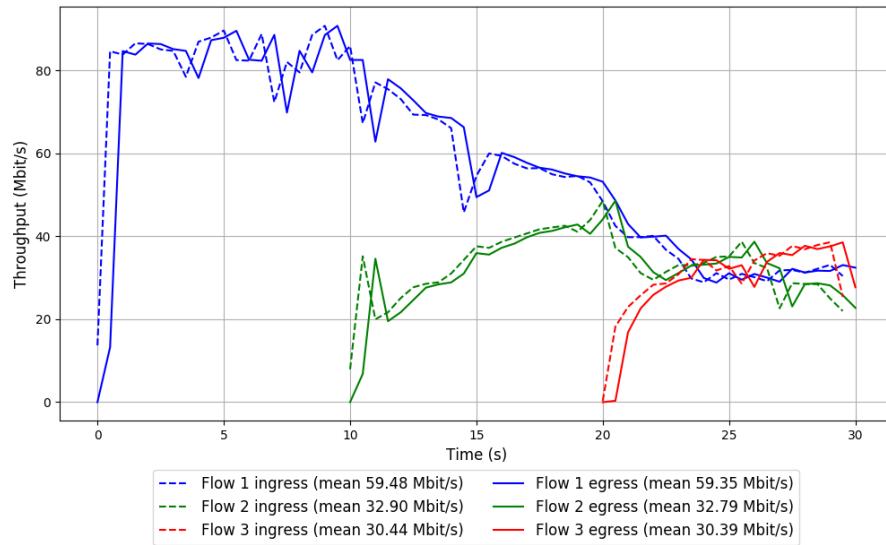


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-07-24 14:58:21
End at: 2018-07-24 14:58:51
Local clock offset: -7.704 ms
Remote clock offset: -5.234 ms

# Below is generated by plot.py at 2018-07-24 17:54:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.13 Mbit/s
95th percentile per-packet one-way delay: 31.303 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 59.35 Mbit/s
95th percentile per-packet one-way delay: 31.169 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 32.79 Mbit/s
95th percentile per-packet one-way delay: 31.444 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 30.39 Mbit/s
95th percentile per-packet one-way delay: 31.700 ms
Loss rate: 0.13%
```

Run 2: Report of QUIC Cubic — Data Link

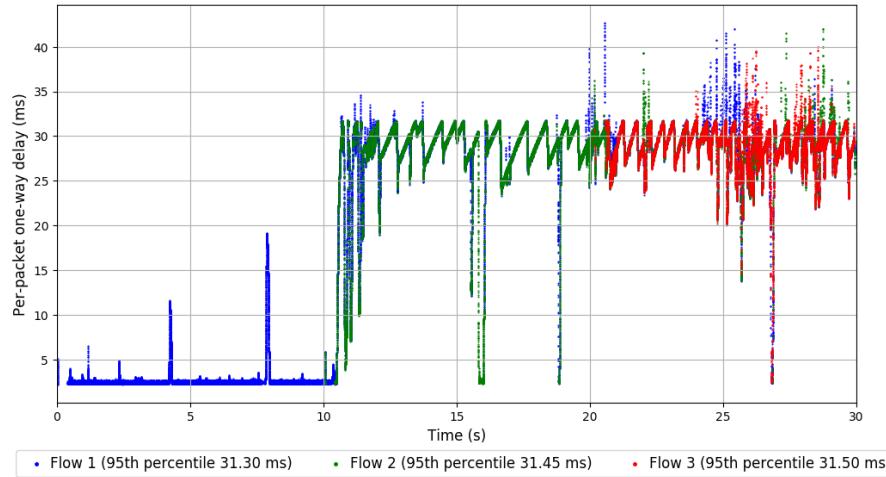
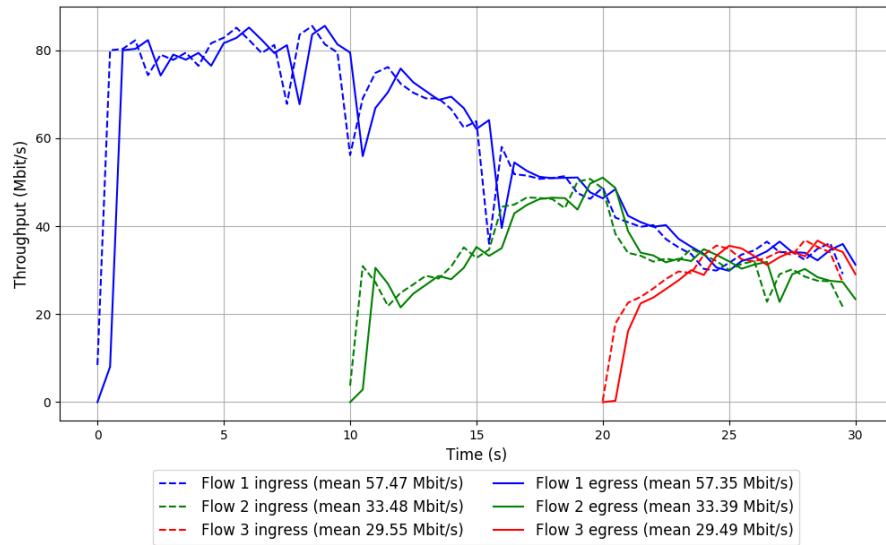


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-07-24 15:17:33
End at: 2018-07-24 15:18:03
Local clock offset: -0.812 ms
Remote clock offset: -8.48 ms

# Below is generated by plot.py at 2018-07-24 17:54:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.22 Mbit/s
95th percentile per-packet one-way delay: 31.370 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 57.35 Mbit/s
95th percentile per-packet one-way delay: 31.296 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 33.39 Mbit/s
95th percentile per-packet one-way delay: 31.448 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 29.49 Mbit/s
95th percentile per-packet one-way delay: 31.498 ms
Loss rate: 0.20%
```

Run 3: Report of QUIC Cubic — Data Link

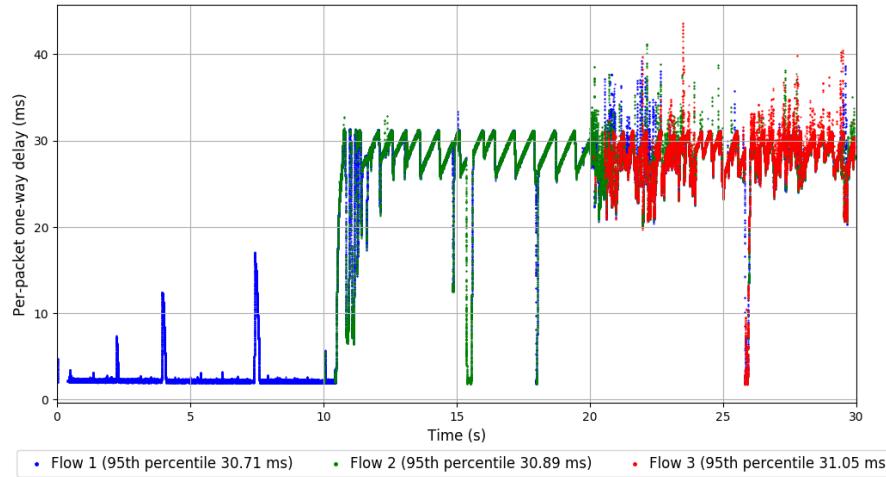
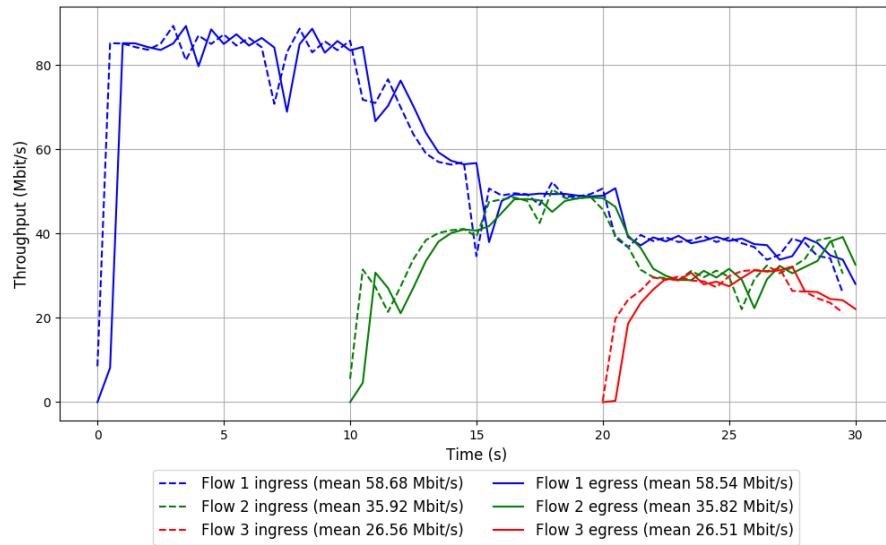


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-07-24 15:36:45
End at: 2018-07-24 15:37:15
Local clock offset: -2.885 ms
Remote clock offset: -8.009 ms

# Below is generated by plot.py at 2018-07-24 17:54:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.07 Mbit/s
95th percentile per-packet one-way delay: 30.800 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 58.54 Mbit/s
95th percentile per-packet one-way delay: 30.711 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 35.82 Mbit/s
95th percentile per-packet one-way delay: 30.885 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 26.51 Mbit/s
95th percentile per-packet one-way delay: 31.051 ms
Loss rate: 0.17%
```

Run 4: Report of QUIC Cubic — Data Link

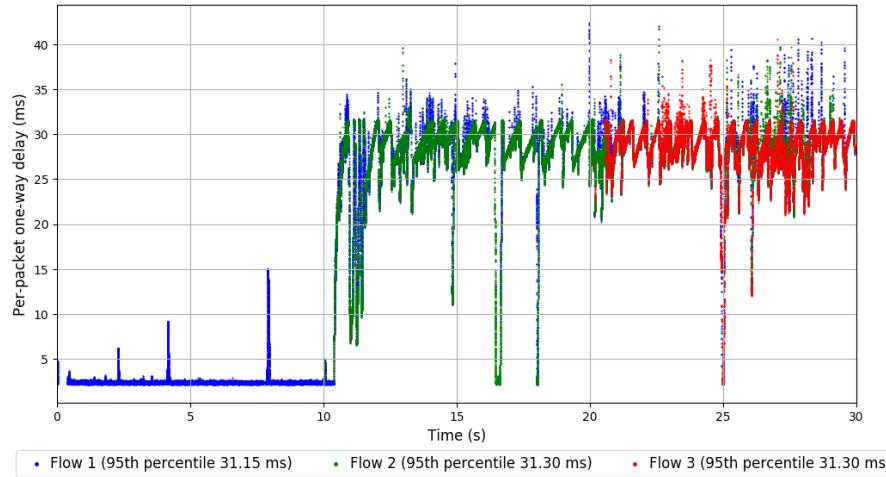
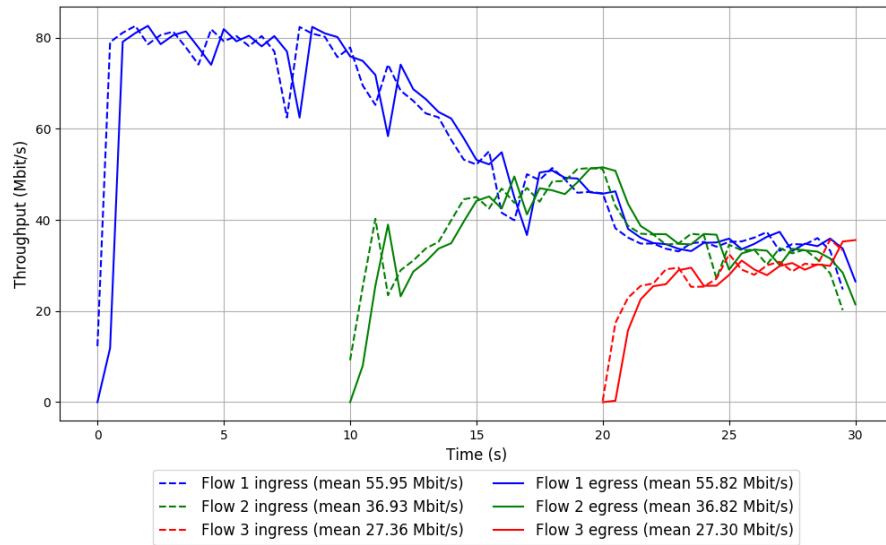


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-07-24 15:55:57
End at: 2018-07-24 15:56:27
Local clock offset: -7.975 ms
Remote clock offset: -8.556 ms

# Below is generated by plot.py at 2018-07-24 17:54:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.28 Mbit/s
95th percentile per-packet one-way delay: 31.225 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 55.82 Mbit/s
95th percentile per-packet one-way delay: 31.150 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 36.82 Mbit/s
95th percentile per-packet one-way delay: 31.300 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 27.30 Mbit/s
95th percentile per-packet one-way delay: 31.296 ms
Loss rate: 0.23%
```

Run 5: Report of QUIC Cubic — Data Link

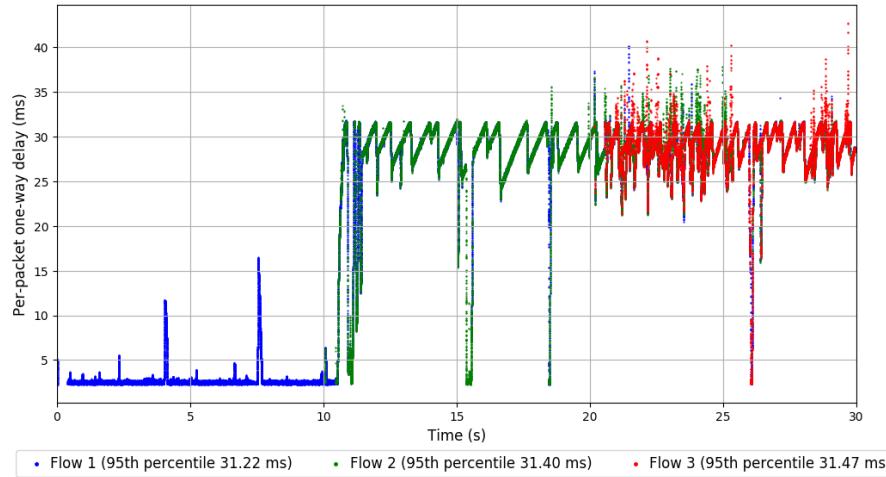
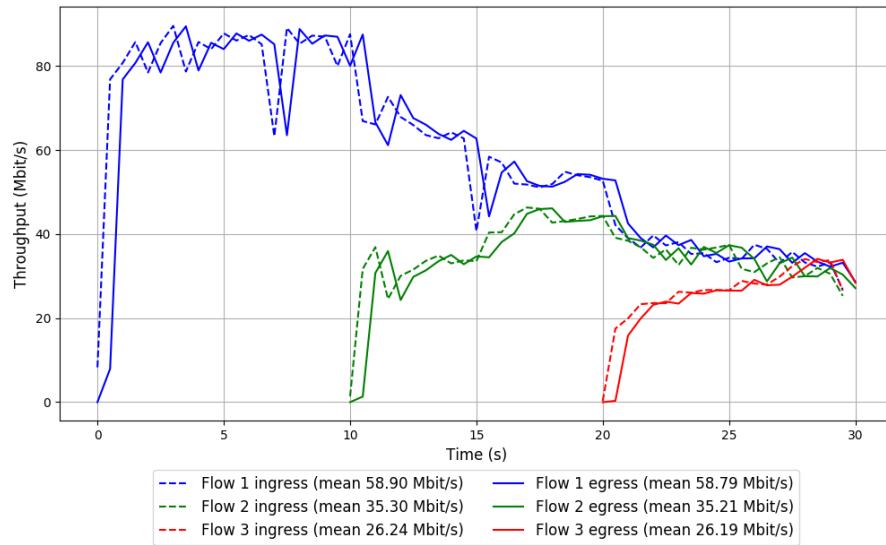


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-07-24 16:15:09
End at: 2018-07-24 16:15:39
Local clock offset: -7.407 ms
Remote clock offset: -7.176 ms

# Below is generated by plot.py at 2018-07-24 17:54:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.78 Mbit/s
95th percentile per-packet one-way delay: 31.313 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 58.79 Mbit/s
95th percentile per-packet one-way delay: 31.217 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 35.21 Mbit/s
95th percentile per-packet one-way delay: 31.397 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 26.19 Mbit/s
95th percentile per-packet one-way delay: 31.471 ms
Loss rate: 0.21%
```

Run 6: Report of QUIC Cubic — Data Link

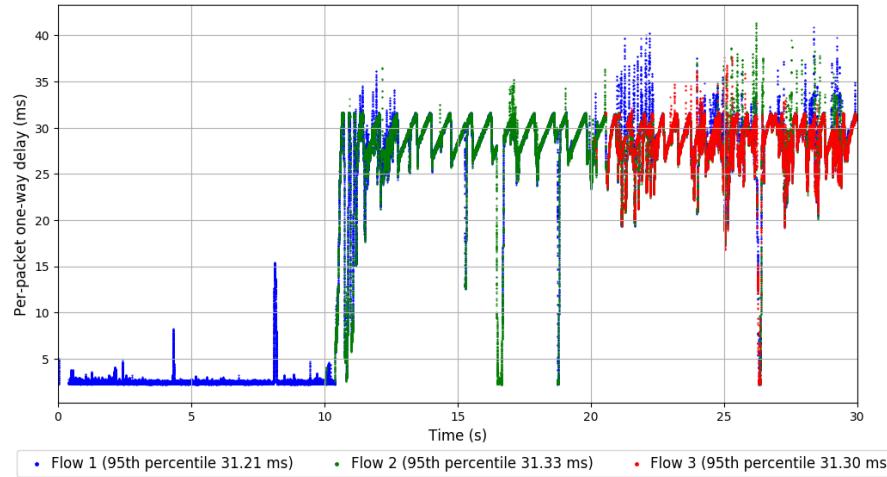
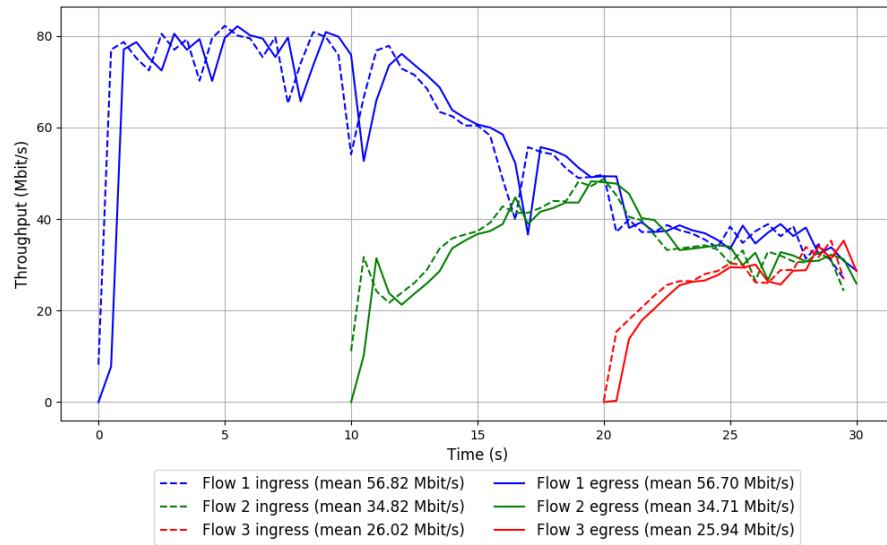


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-07-24 16:34:22
End at: 2018-07-24 16:34:52
Local clock offset: -6.455 ms
Remote clock offset: -6.244 ms

# Below is generated by plot.py at 2018-07-24 17:55:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.30 Mbit/s
95th percentile per-packet one-way delay: 31.263 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 56.70 Mbit/s
95th percentile per-packet one-way delay: 31.207 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 34.71 Mbit/s
95th percentile per-packet one-way delay: 31.327 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 25.94 Mbit/s
95th percentile per-packet one-way delay: 31.295 ms
Loss rate: 0.27%
```

Run 7: Report of QUIC Cubic — Data Link

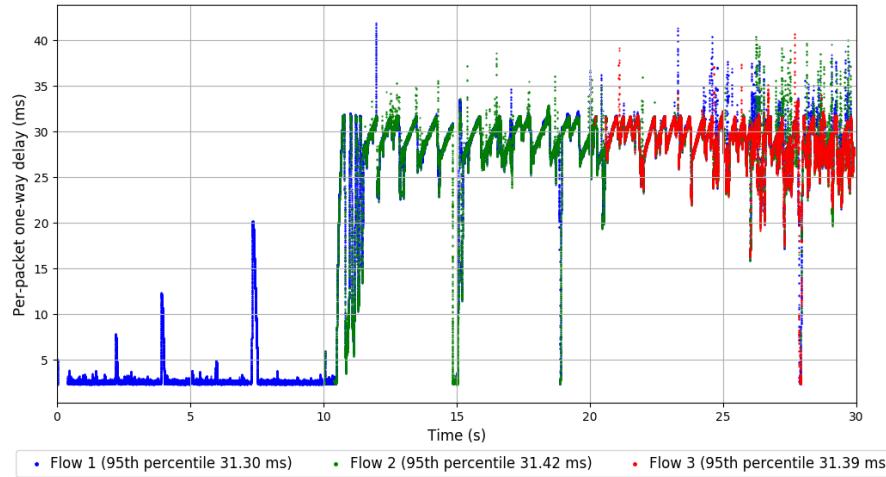
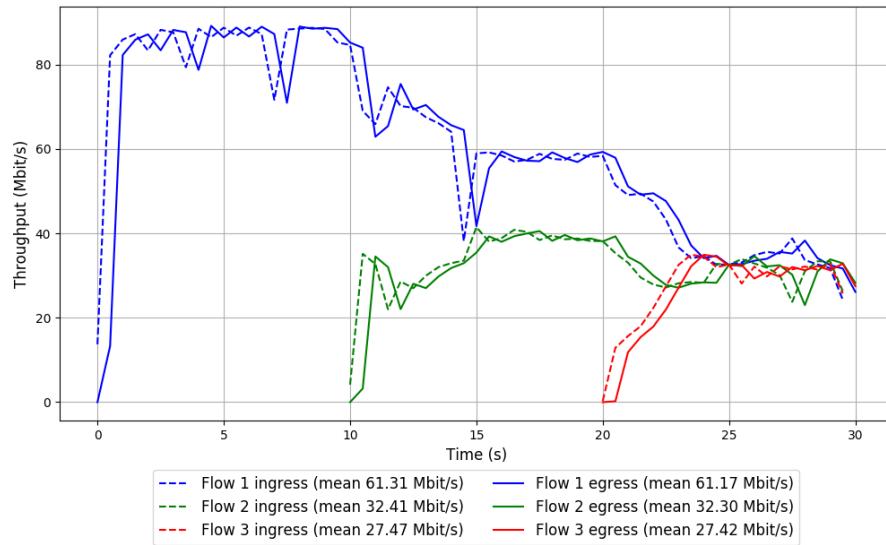


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-07-24 16:53:34
End at: 2018-07-24 16:54:04
Local clock offset: -3.361 ms
Remote clock offset: -2.018 ms

# Below is generated by plot.py at 2018-07-24 17:55:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.64 Mbit/s
95th percentile per-packet one-way delay: 31.361 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 61.17 Mbit/s
95th percentile per-packet one-way delay: 31.305 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 32.30 Mbit/s
95th percentile per-packet one-way delay: 31.421 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 27.42 Mbit/s
95th percentile per-packet one-way delay: 31.392 ms
Loss rate: 0.19%
```

Run 8: Report of QUIC Cubic — Data Link

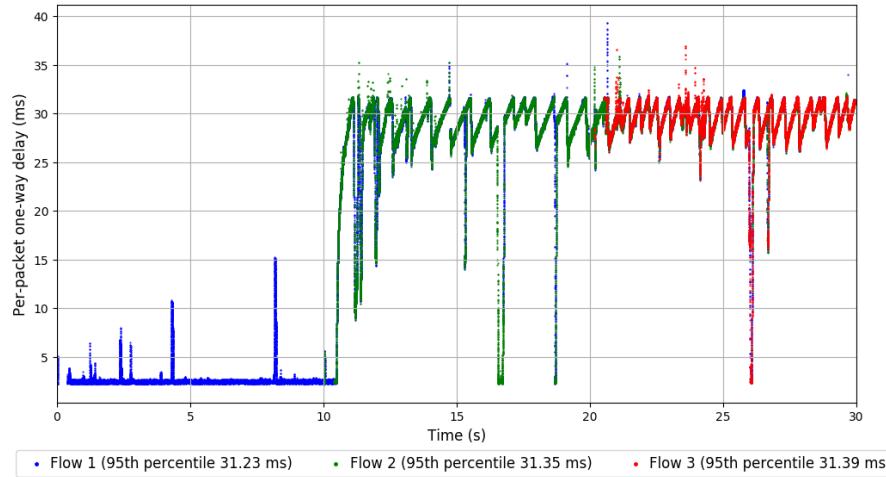
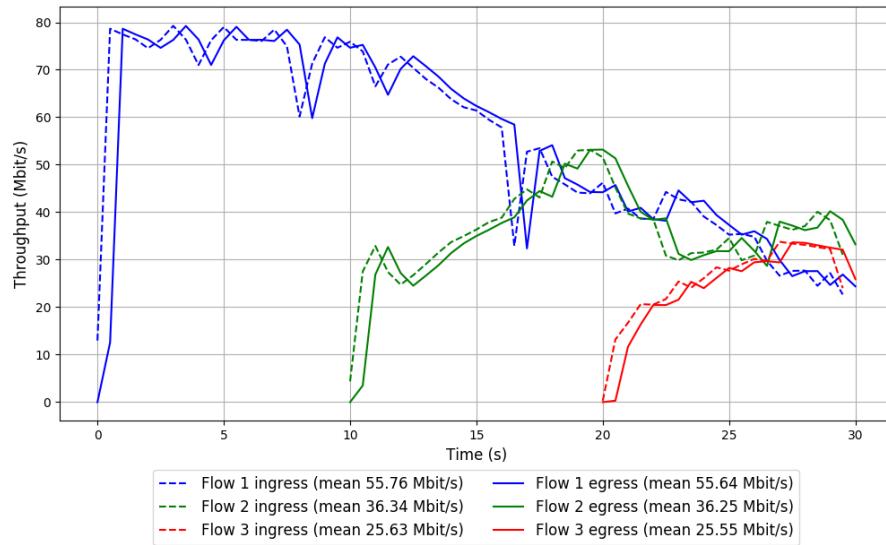


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-07-24 17:12:46
End at: 2018-07-24 17:13:16
Local clock offset: -2.451 ms
Remote clock offset: -1.515 ms

# Below is generated by plot.py at 2018-07-24 17:55:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.15 Mbit/s
95th percentile per-packet one-way delay: 31.300 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 55.64 Mbit/s
95th percentile per-packet one-way delay: 31.226 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 36.25 Mbit/s
95th percentile per-packet one-way delay: 31.350 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 25.55 Mbit/s
95th percentile per-packet one-way delay: 31.395 ms
Loss rate: 0.28%
```

Run 9: Report of QUIC Cubic — Data Link

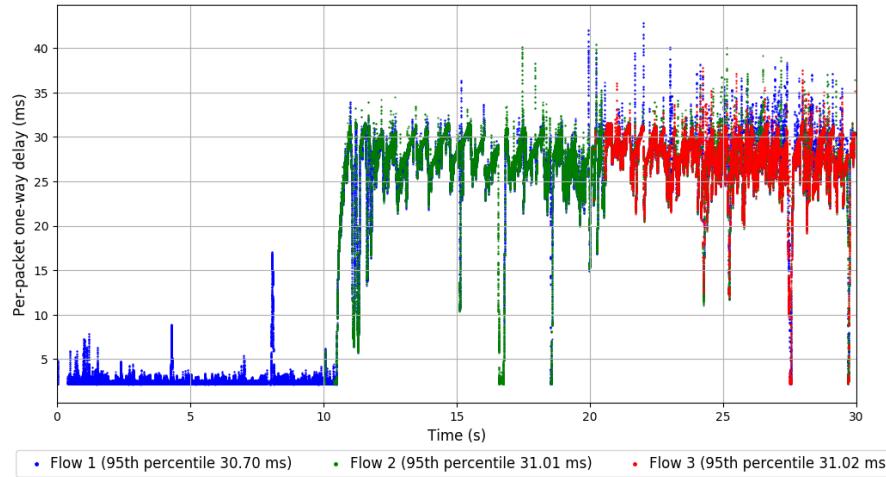
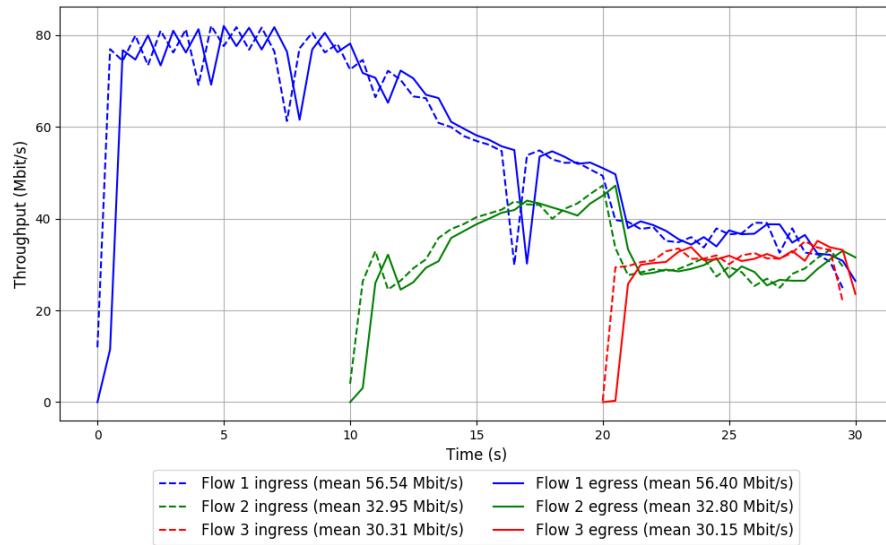


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-07-24 17:31:57
End at: 2018-07-24 17:32:27
Local clock offset: -1.769 ms
Remote clock offset: -1.47 ms

# Below is generated by plot.py at 2018-07-24 17:55:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.12 Mbit/s
95th percentile per-packet one-way delay: 30.847 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 56.40 Mbit/s
95th percentile per-packet one-way delay: 30.695 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 32.80 Mbit/s
95th percentile per-packet one-way delay: 31.011 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 30.15 Mbit/s
95th percentile per-packet one-way delay: 31.021 ms
Loss rate: 0.46%
```

Run 10: Report of QUIC Cubic — Data Link

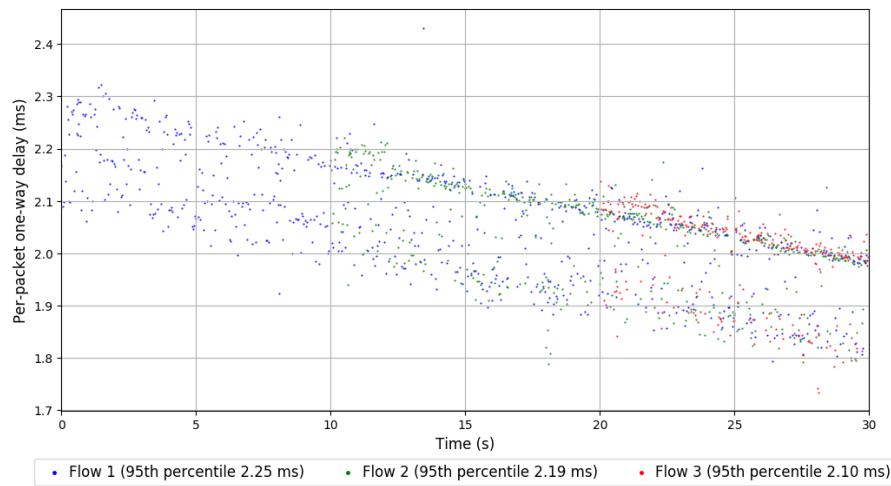
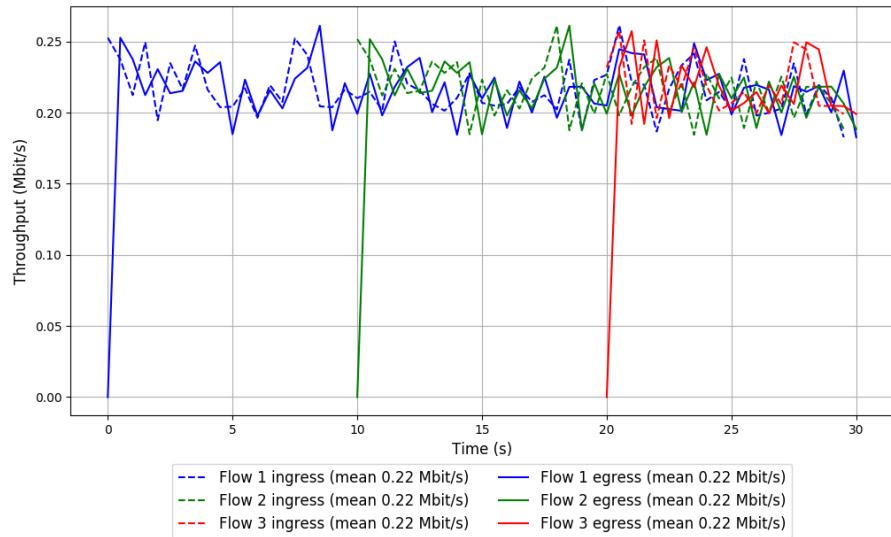


Run 1: Statistics of SCReAM

```
Start at: 2018-07-24 14:32:27
End at: 2018-07-24 14:32:57
Local clock offset: -1.773 ms
Remote clock offset: -1.78 ms

# Below is generated by plot.py at 2018-07-24 17:55:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.218 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.255 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.185 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.097 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

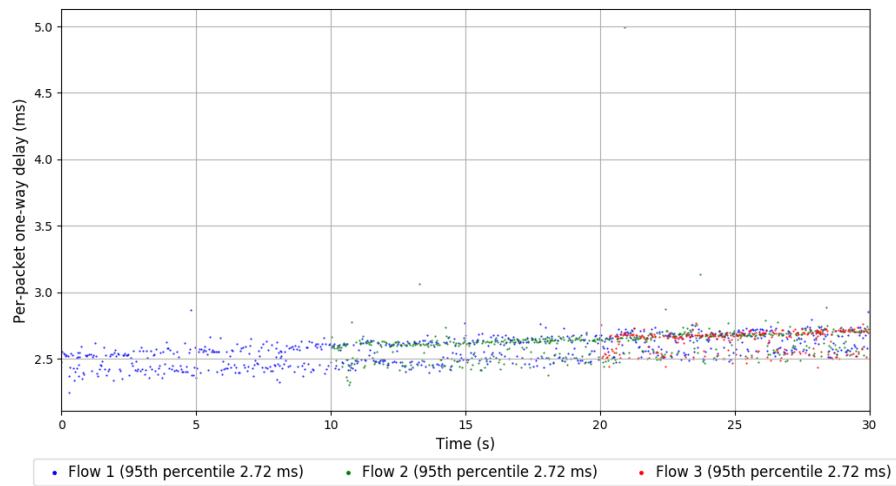
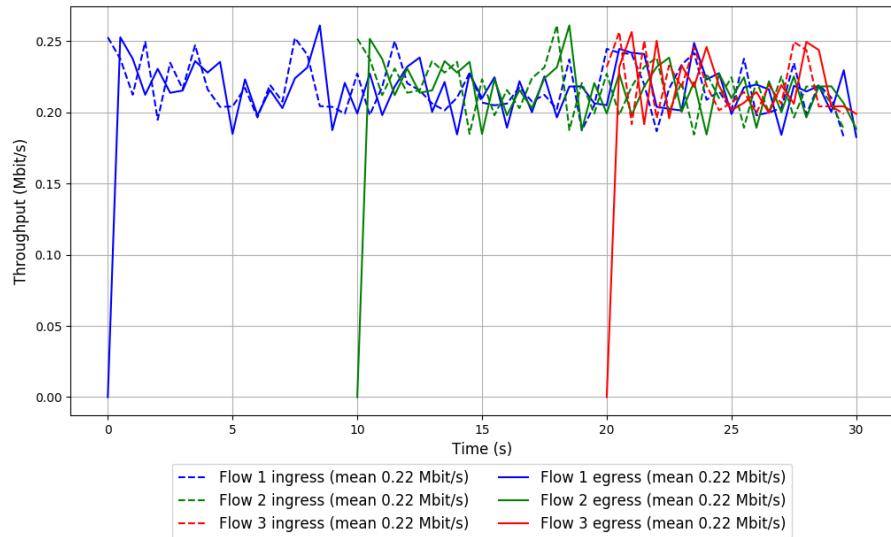


Run 2: Statistics of SCReAM

```
Start at: 2018-07-24 14:51:39
End at: 2018-07-24 14:52:09
Local clock offset: -7.129 ms
Remote clock offset: -2.686 ms

# Below is generated by plot.py at 2018-07-24 17:55:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.719 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.717 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.717 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.722 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

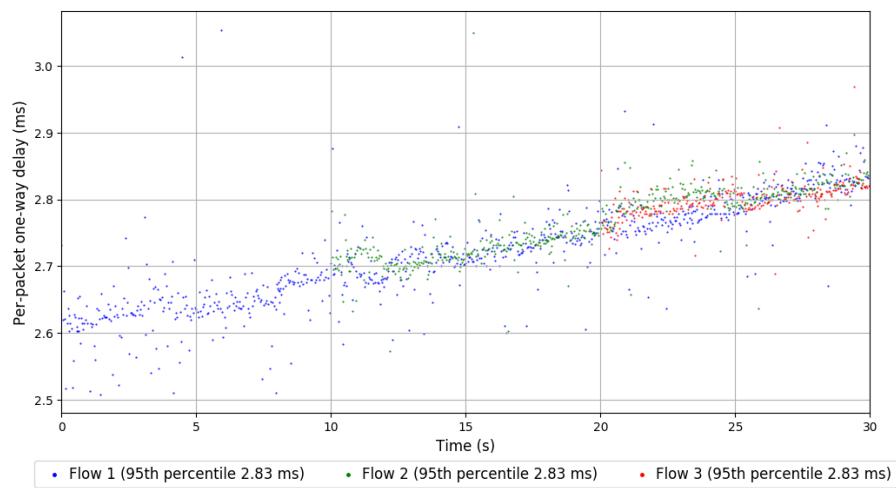
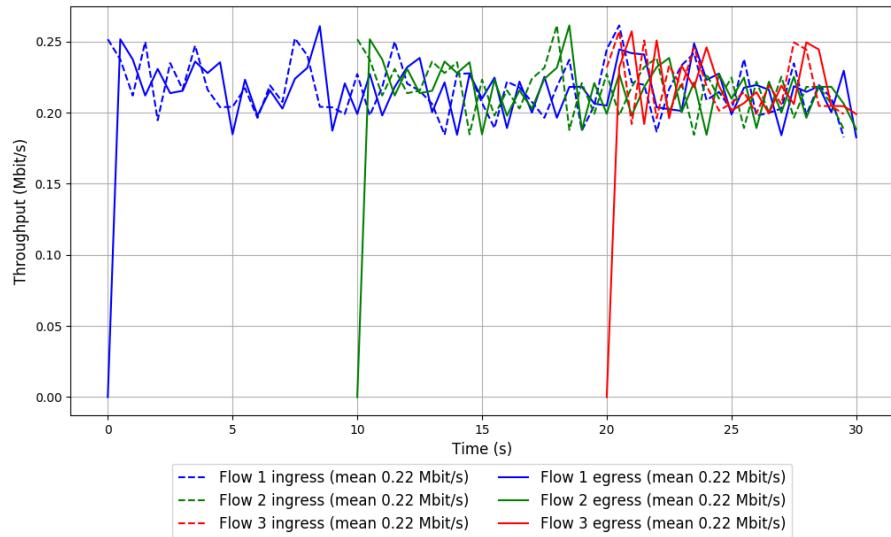


Run 3: Statistics of SCReAM

```
Start at: 2018-07-24 15:10:51
End at: 2018-07-24 15:11:21
Local clock offset: -2.577 ms
Remote clock offset: -7.614 ms

# Below is generated by plot.py at 2018-07-24 17:55:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.832 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.830 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.834 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.832 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

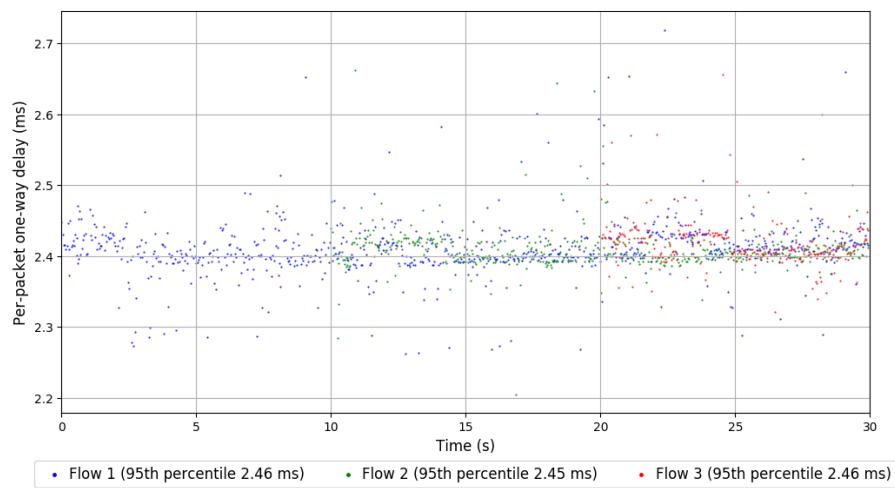
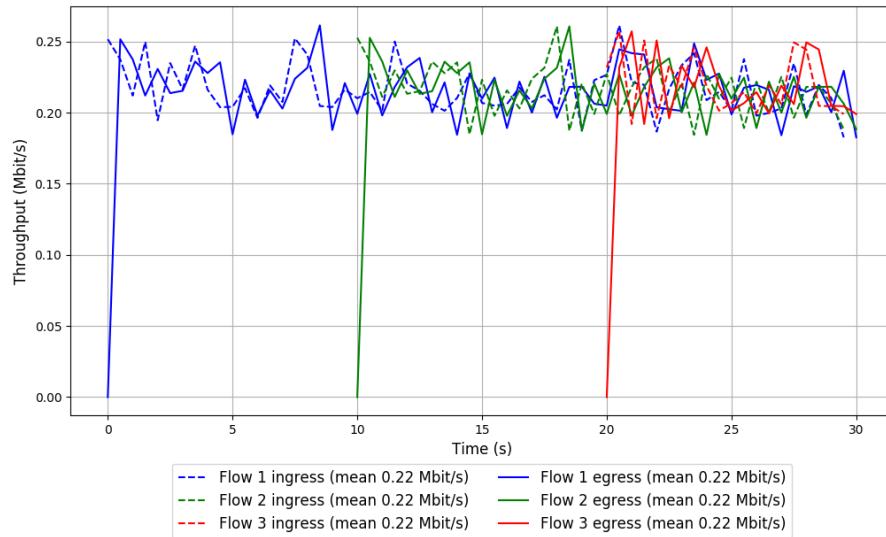


Run 4: Statistics of SCReAM

```
Start at: 2018-07-24 15:30:03
End at: 2018-07-24 15:30:33
Local clock offset: 0.8 ms
Remote clock offset: -8.223 ms

# Below is generated by plot.py at 2018-07-24 17:55:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.457 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.460 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.449 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.465 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

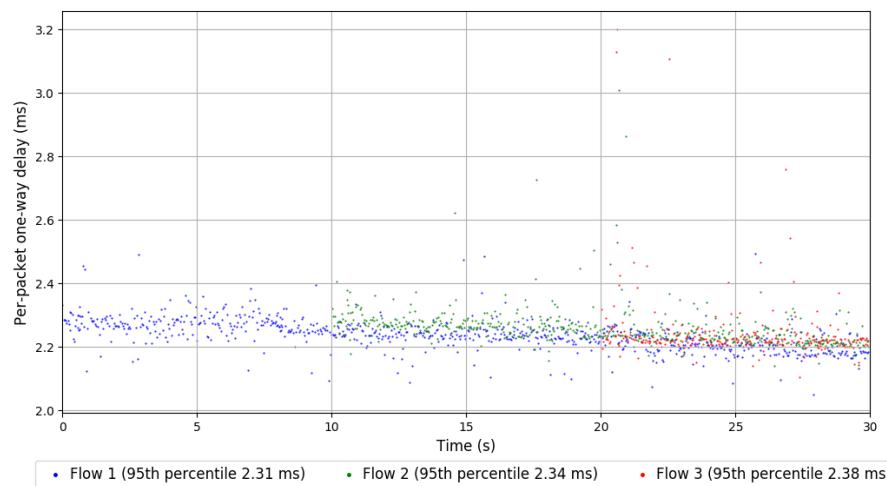
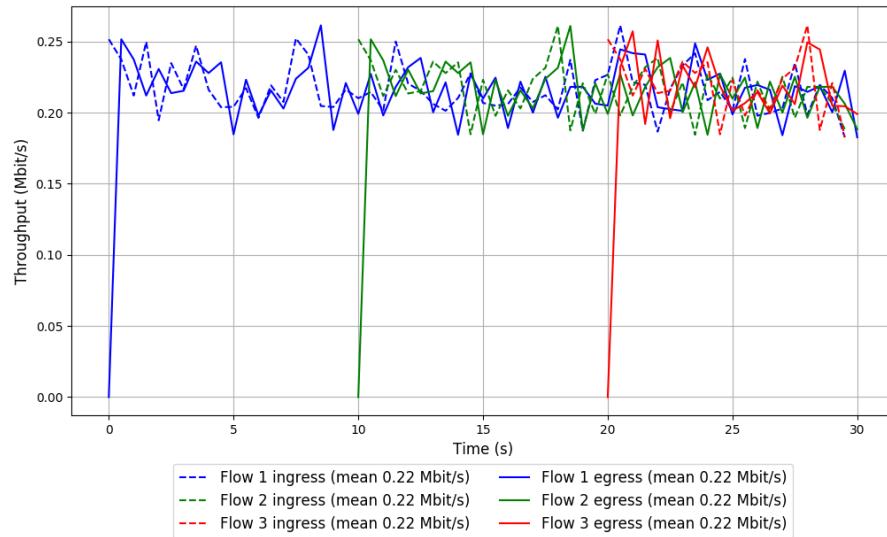


Run 5: Statistics of SCReAM

```
Start at: 2018-07-24 15:49:16
End at: 2018-07-24 15:49:46
Local clock offset: -7.037 ms
Remote clock offset: -8.351 ms

# Below is generated by plot.py at 2018-07-24 17:55:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.324 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.308 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.338 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.385 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

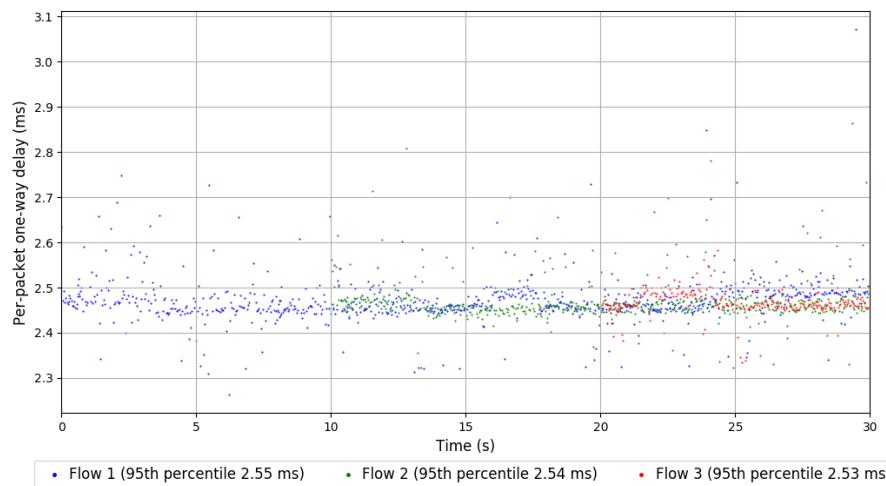
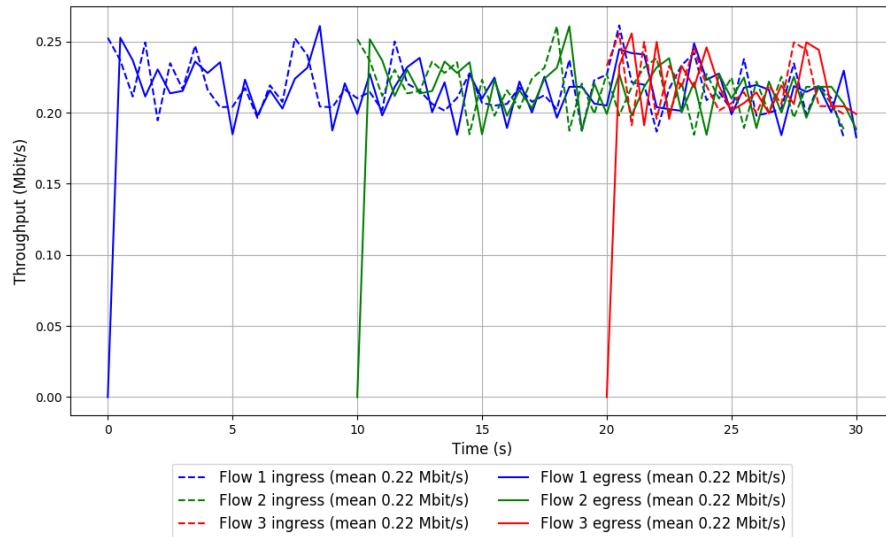


Run 6: Statistics of SCReAM

```
Start at: 2018-07-24 16:08:27
End at: 2018-07-24 16:08:57
Local clock offset: -7.686 ms
Remote clock offset: -7.361 ms

# Below is generated by plot.py at 2018-07-24 17:55:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.545 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.550 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.545 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.527 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

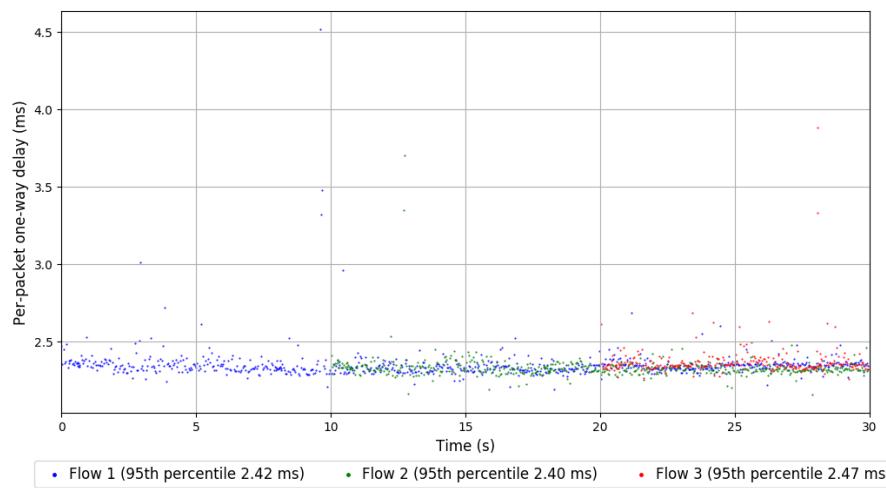
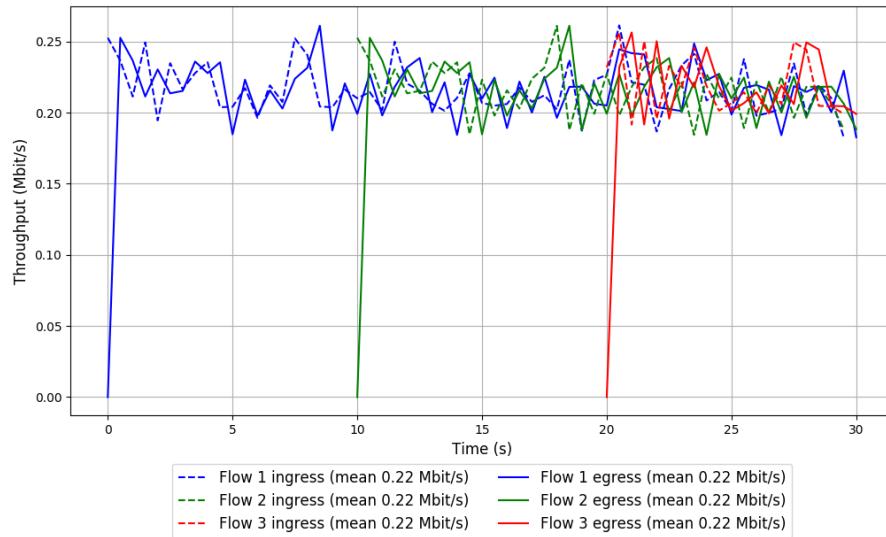


Run 7: Statistics of SCReAM

```
Start at: 2018-07-24 16:27:40
End at: 2018-07-24 16:28:10
Local clock offset: -7.49 ms
Remote clock offset: -7.342 ms

# Below is generated by plot.py at 2018-07-24 17:55:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.422 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.422 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.398 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.470 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

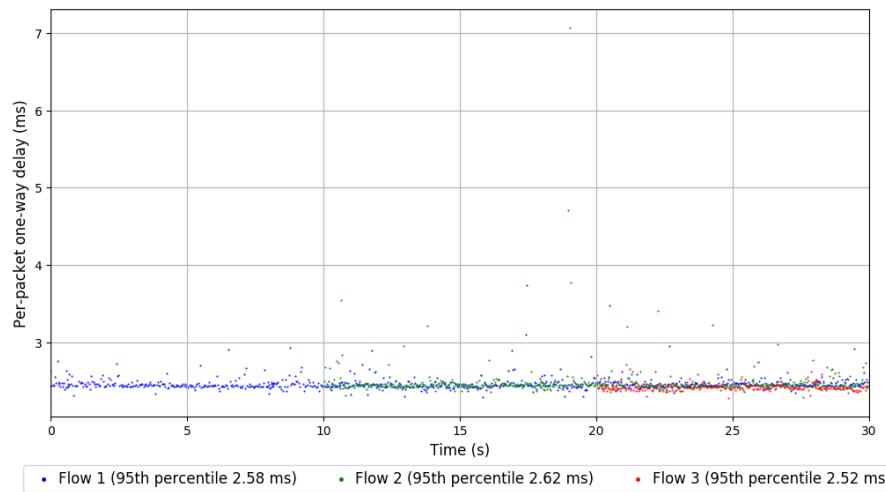
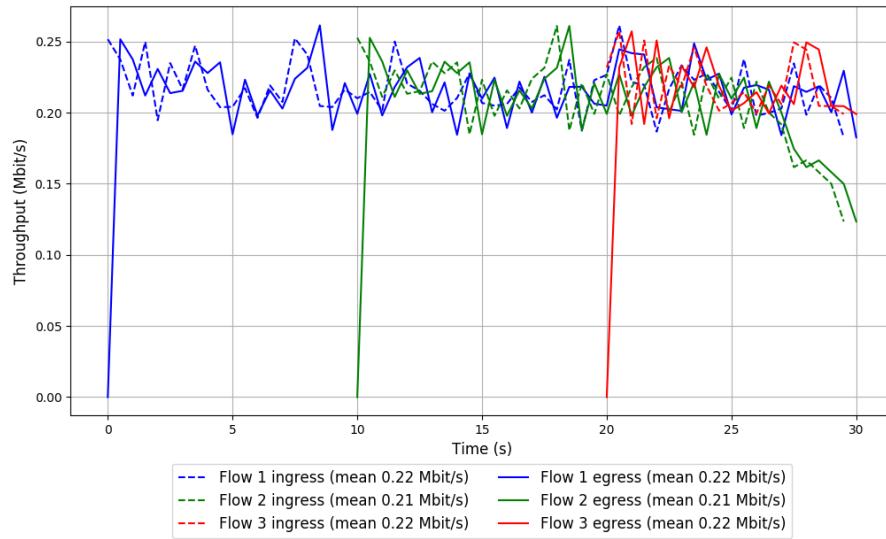


Run 8: Statistics of SCReAM

```
Start at: 2018-07-24 16:46:52
End at: 2018-07-24 16:47:22
Local clock offset: -3.949 ms
Remote clock offset: -2.854 ms

# Below is generated by plot.py at 2018-07-24 17:55:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.579 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.575 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 2.625 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.524 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

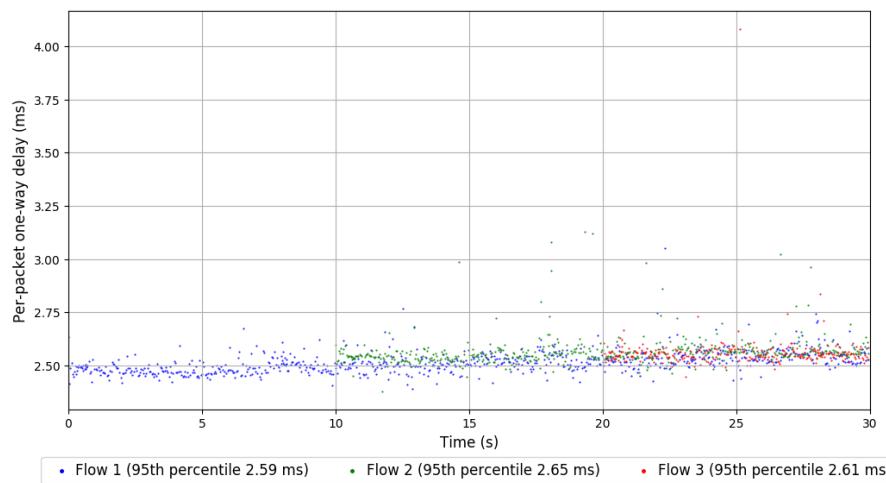
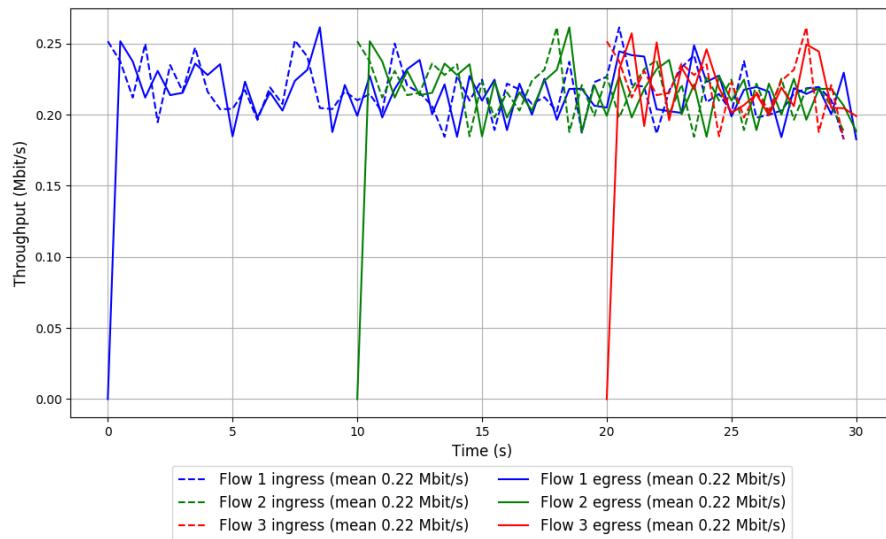


Run 9: Statistics of SCReAM

```
Start at: 2018-07-24 17:06:04
End at: 2018-07-24 17:06:34
Local clock offset: -2.795 ms
Remote clock offset: -1.155 ms

# Below is generated by plot.py at 2018-07-24 17:55:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.612 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.591 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.645 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.606 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

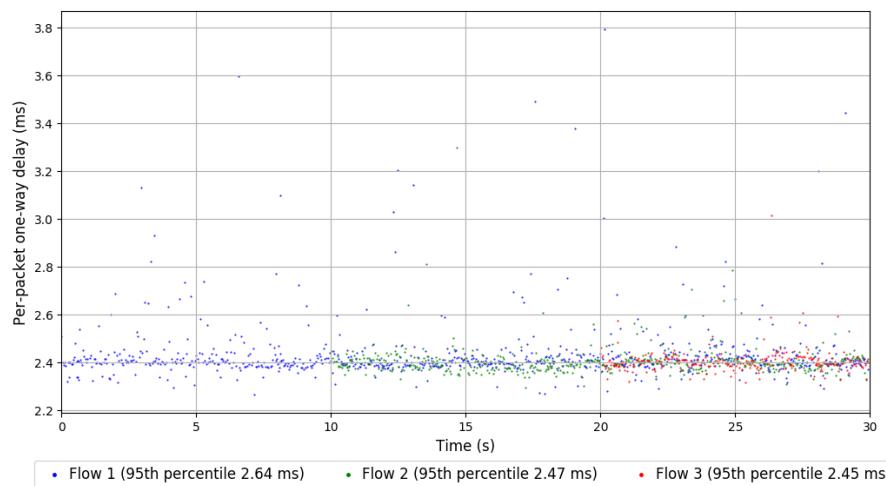
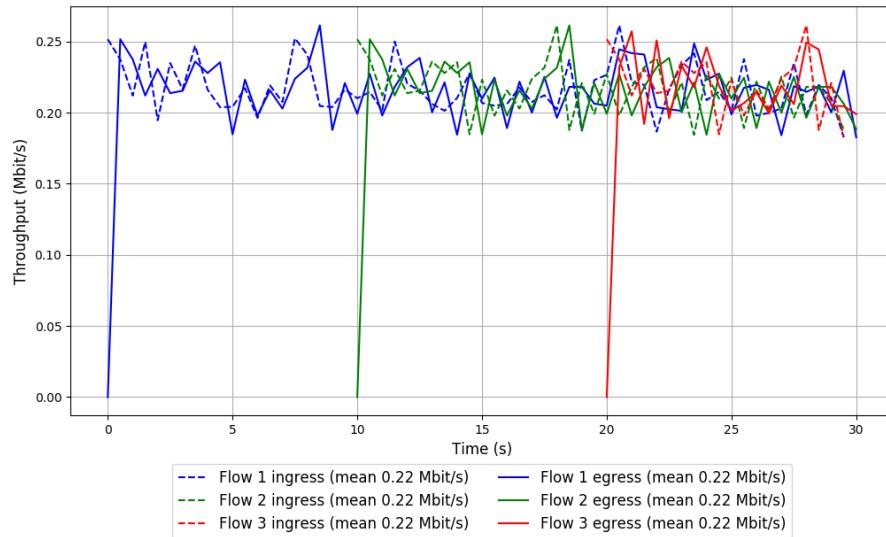


Run 10: Statistics of SCReAM

```
Start at: 2018-07-24 17:25:16
End at: 2018-07-24 17:25:46
Local clock offset: -1.995 ms
Remote clock offset: -1.568 ms

# Below is generated by plot.py at 2018-07-24 17:55:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.541 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.636 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.472 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.453 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

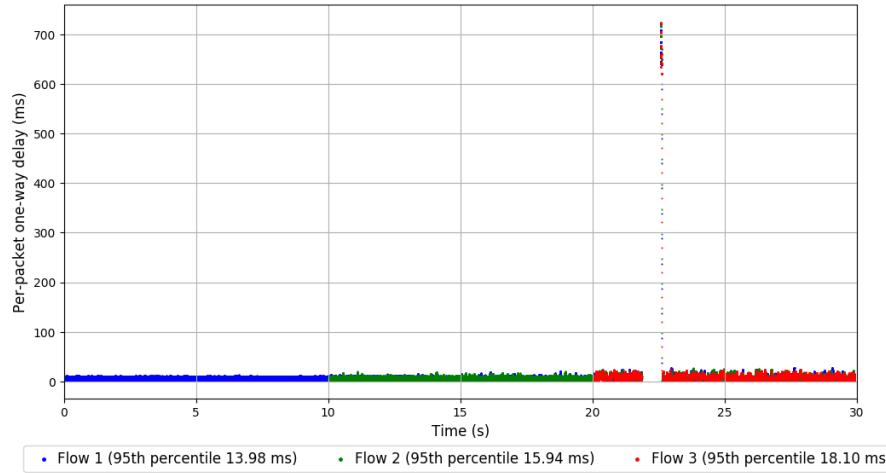
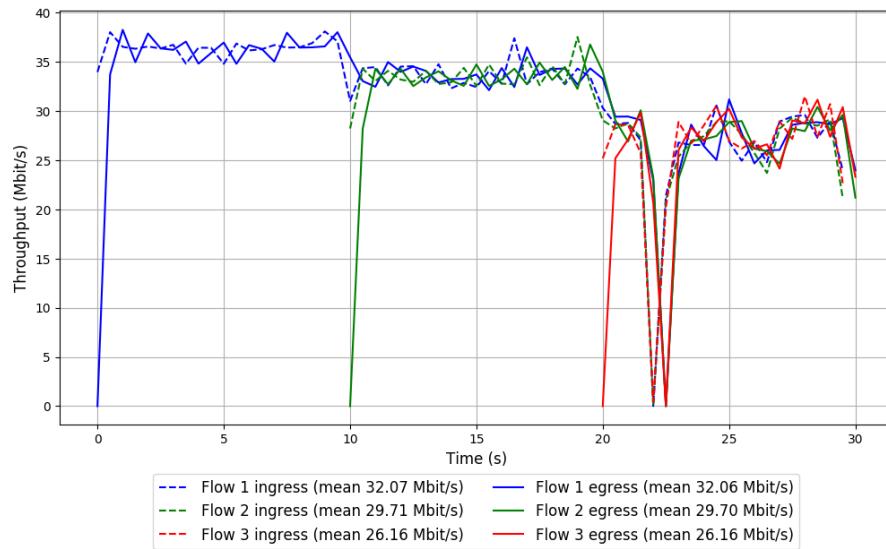


Run 1: Statistics of Sprout

```
Start at: 2018-07-24 14:31:19
End at: 2018-07-24 14:31:49
Local clock offset: -1.252 ms
Remote clock offset: -1.809 ms

# Below is generated by plot.py at 2018-07-24 17:55:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 60.45 Mbit/s
95th percentile per-packet one-way delay: 15.643 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 32.06 Mbit/s
95th percentile per-packet one-way delay: 13.984 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 29.70 Mbit/s
95th percentile per-packet one-way delay: 15.940 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 26.16 Mbit/s
95th percentile per-packet one-way delay: 18.098 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

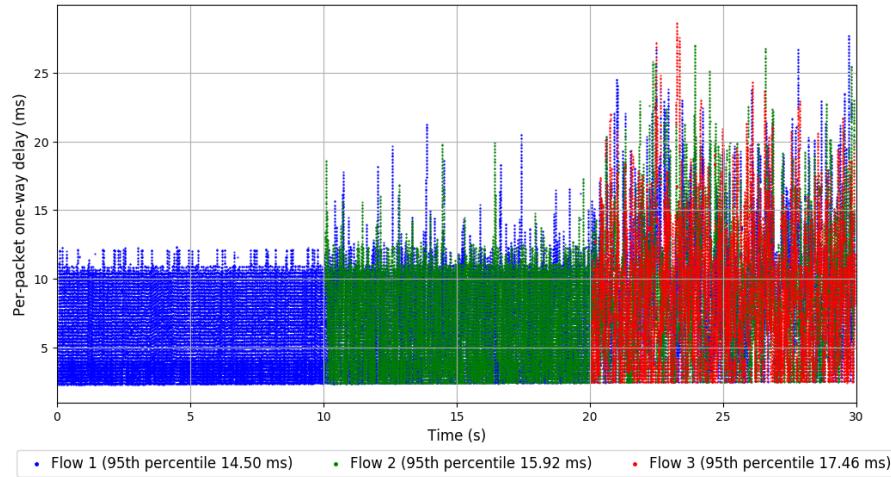
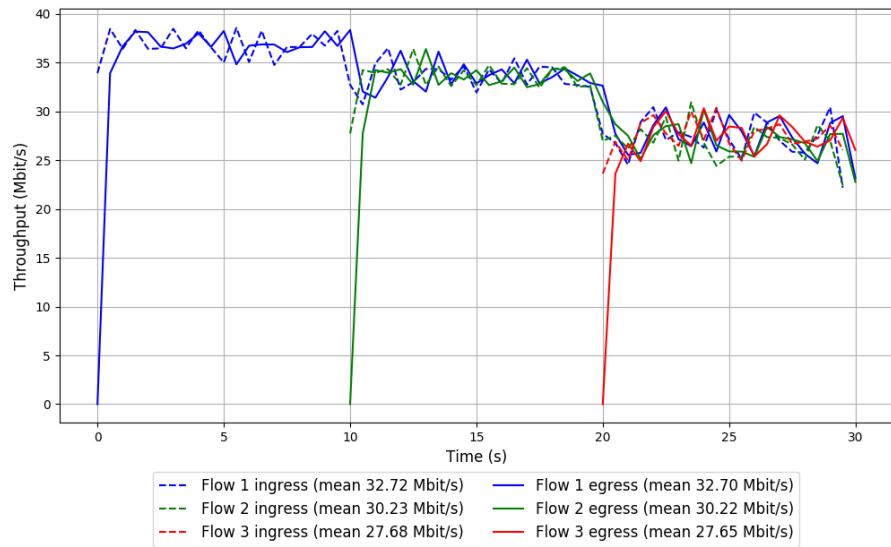


Run 2: Statistics of Sprout

```
Start at: 2018-07-24 14:50:32
End at: 2018-07-24 14:51:02
Local clock offset: -6.936 ms
Remote clock offset: -2.067 ms

# Below is generated by plot.py at 2018-07-24 17:55:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 61.94 Mbit/s
95th percentile per-packet one-way delay: 15.638 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 32.70 Mbit/s
95th percentile per-packet one-way delay: 14.498 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 30.22 Mbit/s
95th percentile per-packet one-way delay: 15.917 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 27.65 Mbit/s
95th percentile per-packet one-way delay: 17.459 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

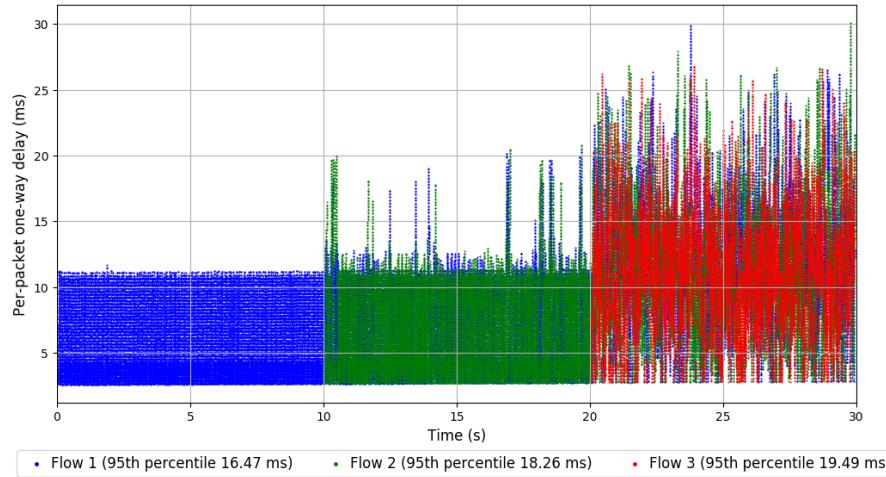
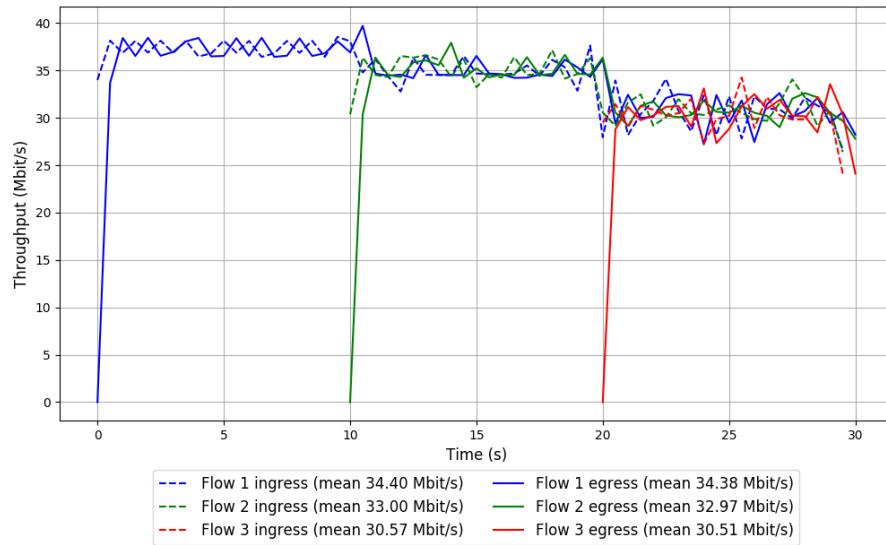


Run 3: Statistics of Sprout

```
Start at: 2018-07-24 15:09:44
End at: 2018-07-24 15:10:14
Local clock offset: -3.084 ms
Remote clock offset: -7.422 ms

# Below is generated by plot.py at 2018-07-24 17:55:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.41 Mbit/s
95th percentile per-packet one-way delay: 17.788 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.38 Mbit/s
95th percentile per-packet one-way delay: 16.472 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 32.97 Mbit/s
95th percentile per-packet one-way delay: 18.257 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.51 Mbit/s
95th percentile per-packet one-way delay: 19.490 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

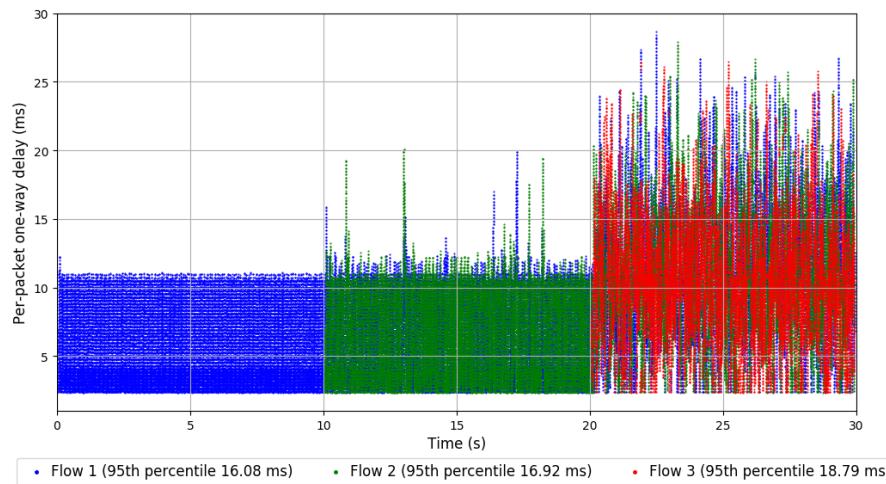
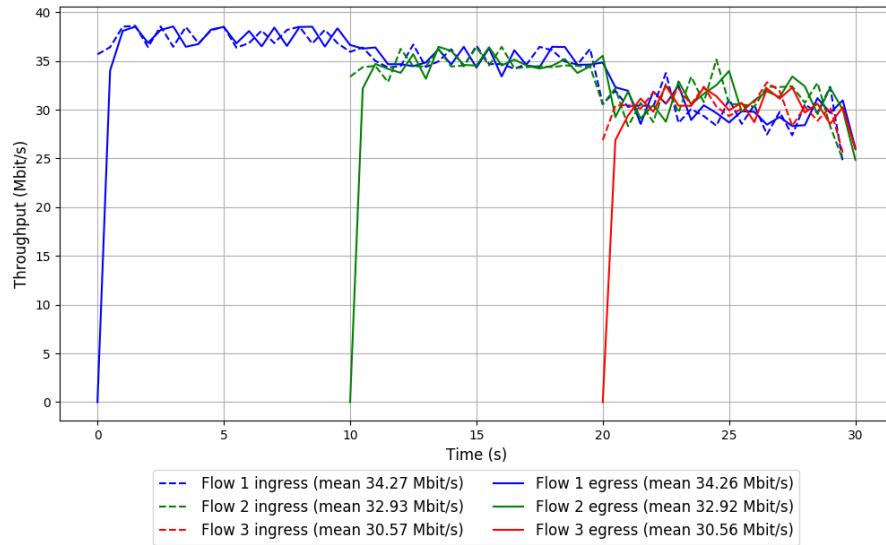


Run 4: Statistics of Sprout

```
Start at: 2018-07-24 15:28:56
End at: 2018-07-24 15:29:26
Local clock offset: 0.622 ms
Remote clock offset: -8.258 ms

# Below is generated by plot.py at 2018-07-24 17:55:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.25 Mbit/s
95th percentile per-packet one-way delay: 16.957 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.26 Mbit/s
95th percentile per-packet one-way delay: 16.082 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.92 Mbit/s
95th percentile per-packet one-way delay: 16.924 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.56 Mbit/s
95th percentile per-packet one-way delay: 18.786 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

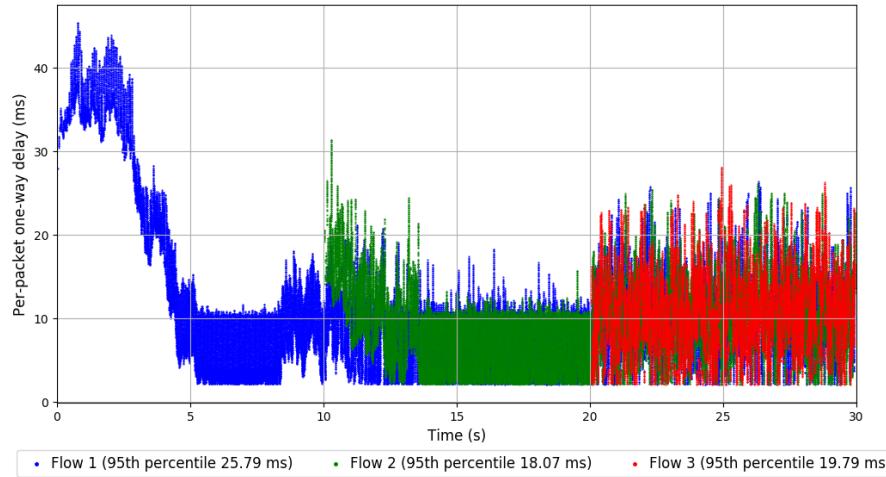
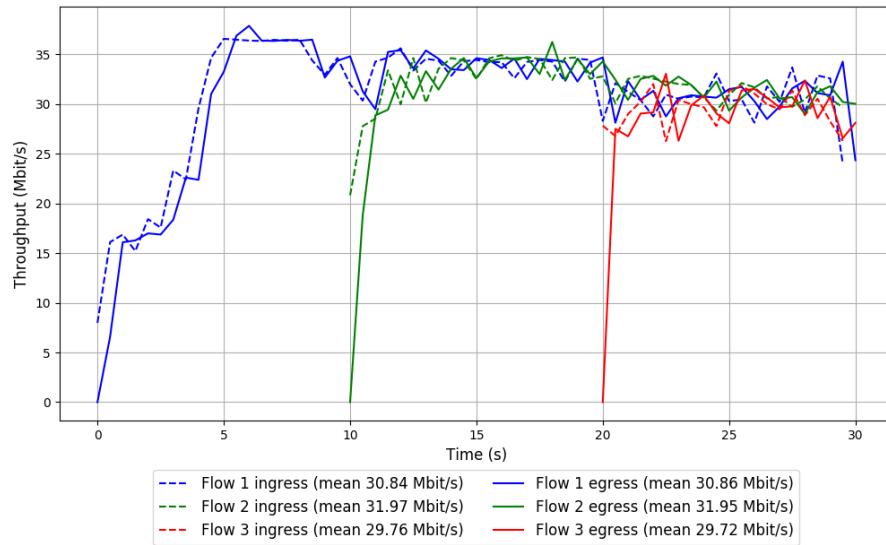


Run 5: Statistics of Sprout

```
Start at: 2018-07-24 15:48:09
End at: 2018-07-24 15:48:39
Local clock offset: -6.863 ms
Remote clock offset: -8.281 ms

# Below is generated by plot.py at 2018-07-24 17:55:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 61.96 Mbit/s
95th percentile per-packet one-way delay: 20.825 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 30.86 Mbit/s
95th percentile per-packet one-way delay: 25.794 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.95 Mbit/s
95th percentile per-packet one-way delay: 18.066 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.72 Mbit/s
95th percentile per-packet one-way delay: 19.791 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

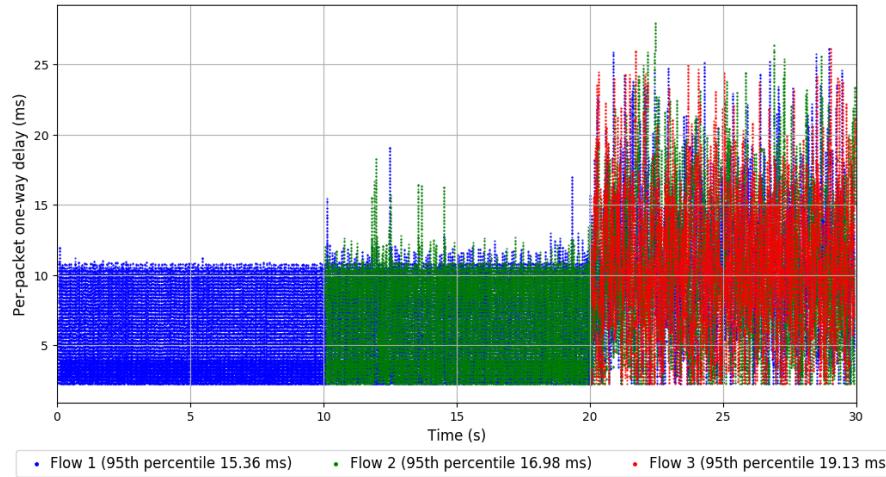
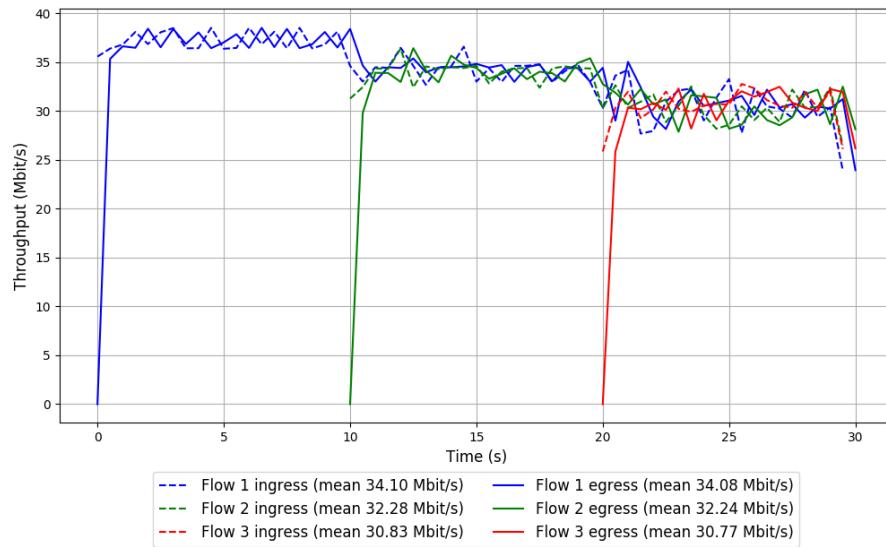


Run 6: Statistics of Sprout

```
Start at: 2018-07-24 16:07:20
End at: 2018-07-24 16:07:50
Local clock offset: -7.777 ms
Remote clock offset: -7.474 ms

# Below is generated by plot.py at 2018-07-24 17:56:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 65.71 Mbit/s
95th percentile per-packet one-way delay: 16.813 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.08 Mbit/s
95th percentile per-packet one-way delay: 15.356 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.24 Mbit/s
95th percentile per-packet one-way delay: 16.984 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.77 Mbit/s
95th percentile per-packet one-way delay: 19.130 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

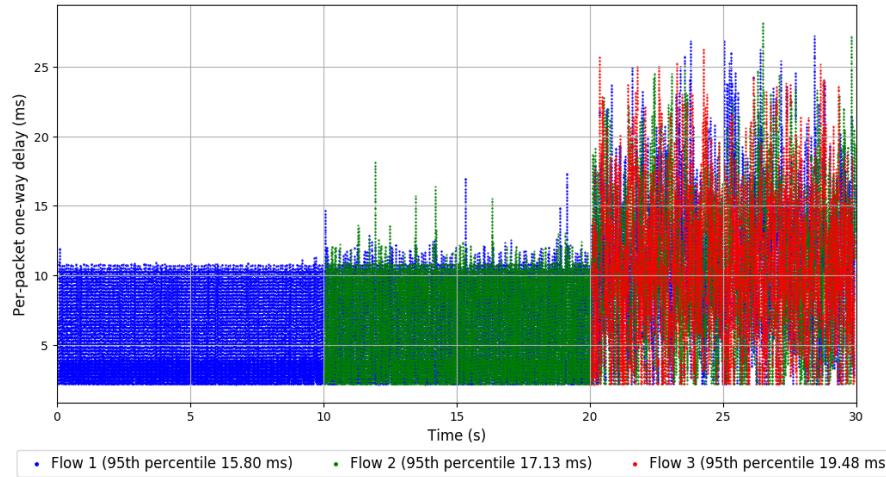
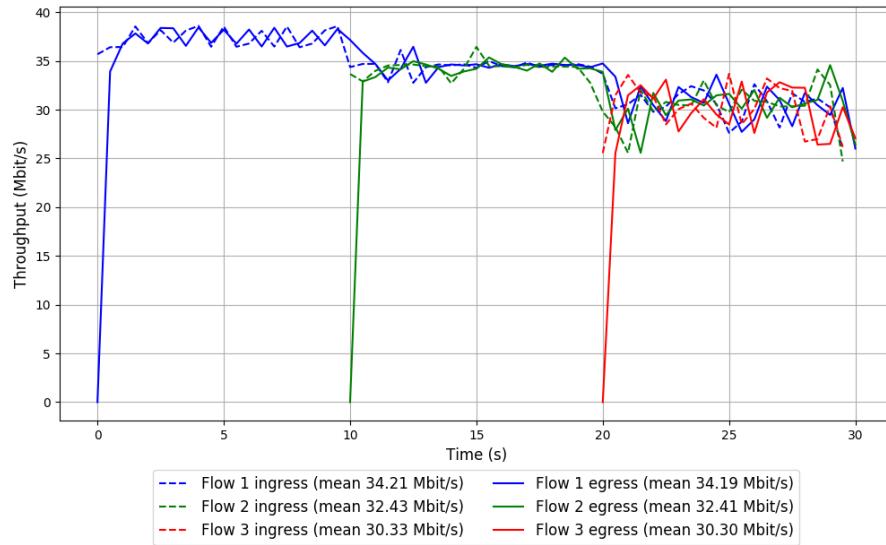


Run 7: Statistics of Sprout

```
Start at: 2018-07-24 16:26:32
End at: 2018-07-24 16:27:02
Local clock offset: -7.535 ms
Remote clock offset: -7.393 ms

# Below is generated by plot.py at 2018-07-24 17:56:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 65.77 Mbit/s
95th percentile per-packet one-way delay: 17.178 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.19 Mbit/s
95th percentile per-packet one-way delay: 15.796 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.41 Mbit/s
95th percentile per-packet one-way delay: 17.132 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.30 Mbit/s
95th percentile per-packet one-way delay: 19.485 ms
Loss rate: 0.00%
```

Run 7: Report of Sprout — Data Link

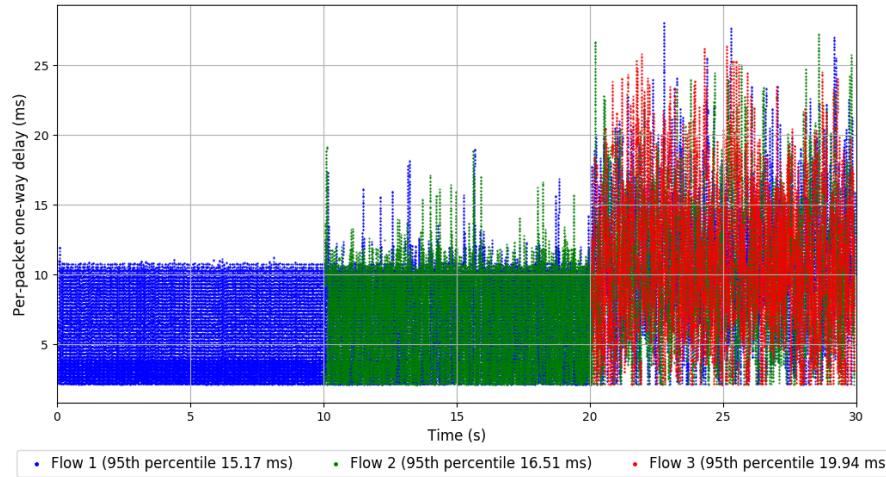
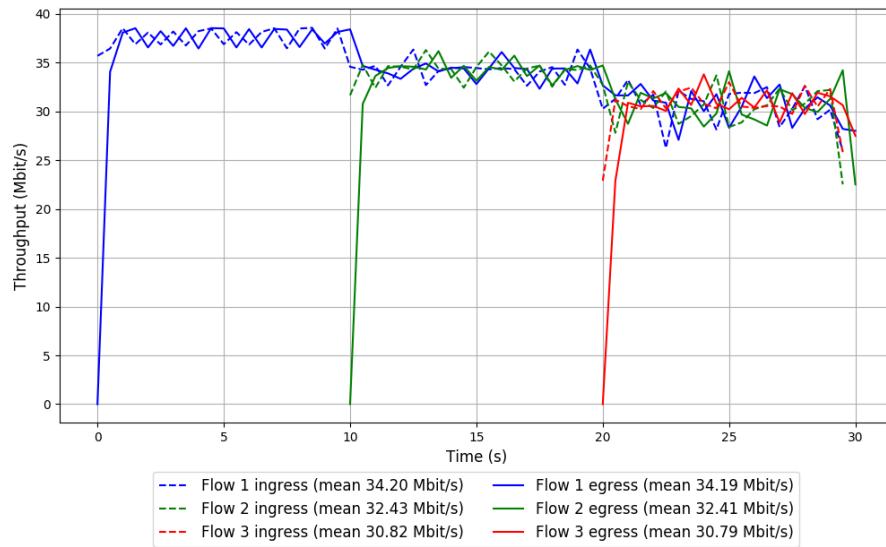


Run 8: Statistics of Sprout

```
Start at: 2018-07-24 16:45:45
End at: 2018-07-24 16:46:15
Local clock offset: -4.002 ms
Remote clock offset: -3.076 ms

# Below is generated by plot.py at 2018-07-24 17:56:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 65.92 Mbit/s
95th percentile per-packet one-way delay: 16.894 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.19 Mbit/s
95th percentile per-packet one-way delay: 15.168 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.41 Mbit/s
95th percentile per-packet one-way delay: 16.507 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.79 Mbit/s
95th percentile per-packet one-way delay: 19.942 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

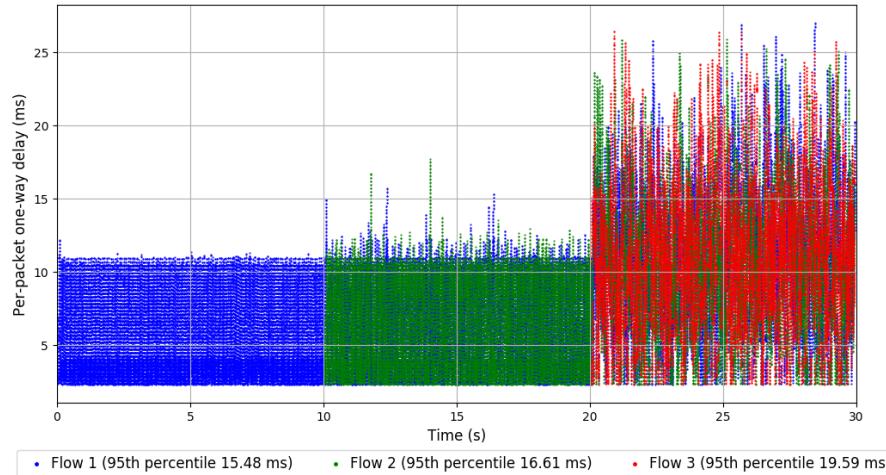
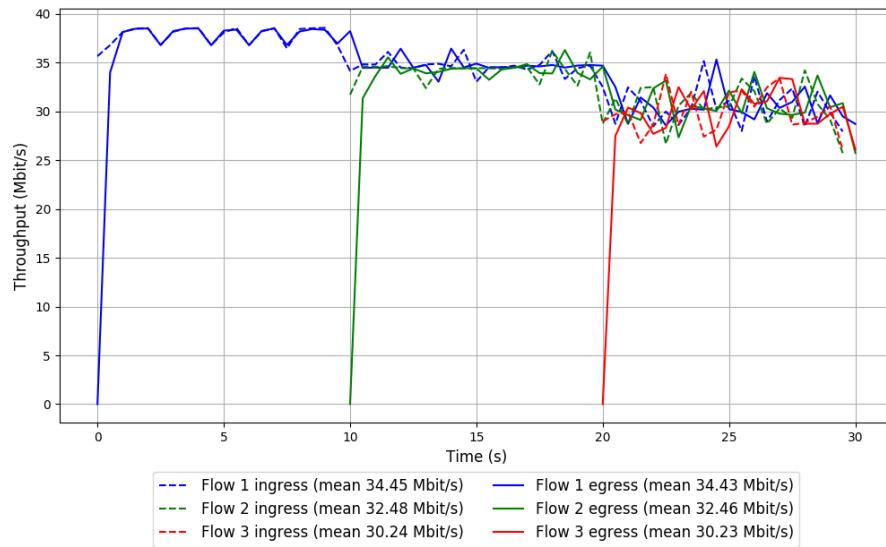


Run 9: Statistics of Sprout

```
Start at: 2018-07-24 17:04:56
End at: 2018-07-24 17:05:26
Local clock offset: -2.85 ms
Remote clock offset: -1.251 ms

# Below is generated by plot.py at 2018-07-24 17:56:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.01 Mbit/s
95th percentile per-packet one-way delay: 16.883 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.43 Mbit/s
95th percentile per-packet one-way delay: 15.485 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.46 Mbit/s
95th percentile per-packet one-way delay: 16.614 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.23 Mbit/s
95th percentile per-packet one-way delay: 19.590 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

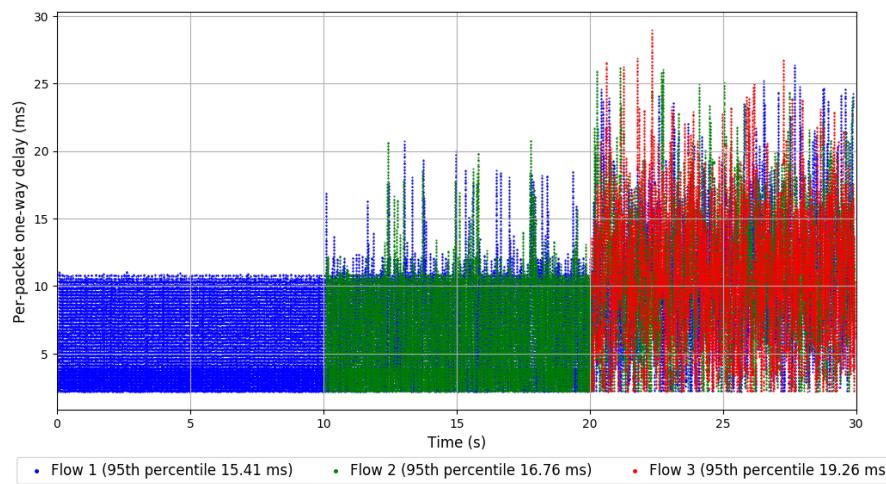
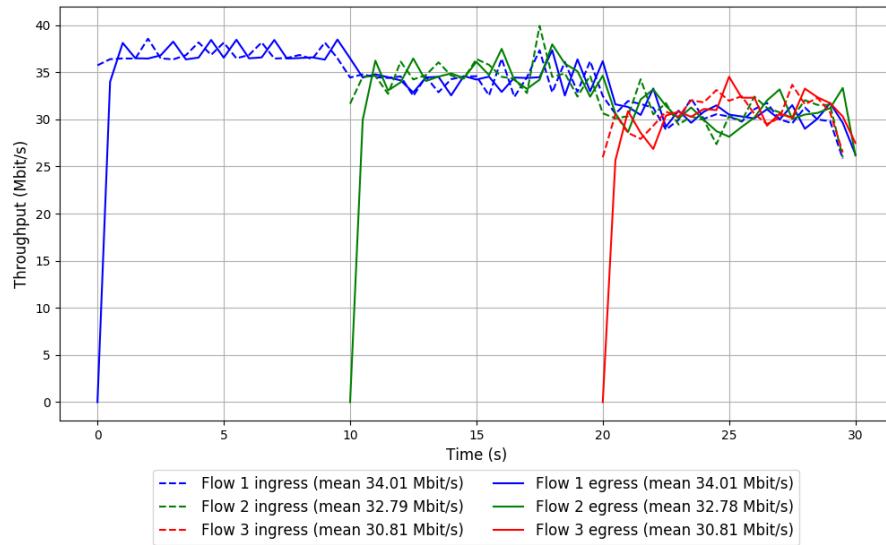


Run 10: Statistics of Sprout

```
Start at: 2018-07-24 17:24:08
End at: 2018-07-24 17:24:38
Local clock offset: -2.026 ms
Remote clock offset: -1.588 ms

# Below is generated by plot.py at 2018-07-24 17:56:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 65.97 Mbit/s
95th percentile per-packet one-way delay: 16.780 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.01 Mbit/s
95th percentile per-packet one-way delay: 15.411 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.78 Mbit/s
95th percentile per-packet one-way delay: 16.761 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.81 Mbit/s
95th percentile per-packet one-way delay: 19.264 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link

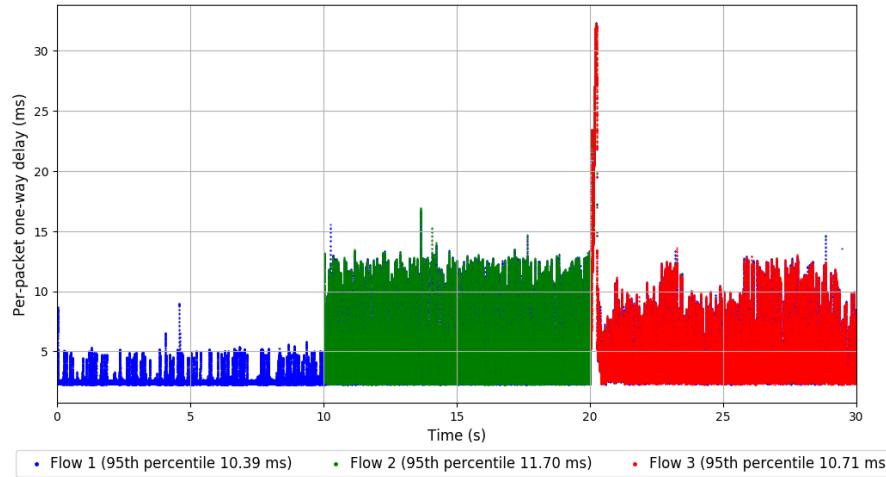
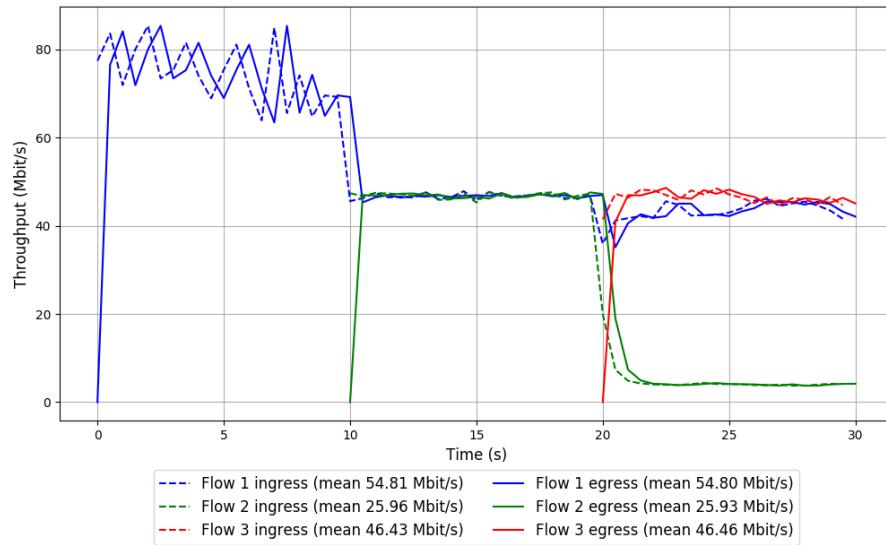


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-07-24 14:30:09
End at: 2018-07-24 14:30:39
Local clock offset: -1.257 ms
Remote clock offset: -1.831 ms

# Below is generated by plot.py at 2018-07-24 17:57:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.50 Mbit/s
95th percentile per-packet one-way delay: 10.896 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 54.80 Mbit/s
95th percentile per-packet one-way delay: 10.389 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 25.93 Mbit/s
95th percentile per-packet one-way delay: 11.699 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 46.46 Mbit/s
95th percentile per-packet one-way delay: 10.710 ms
Loss rate: 0.01%
```

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

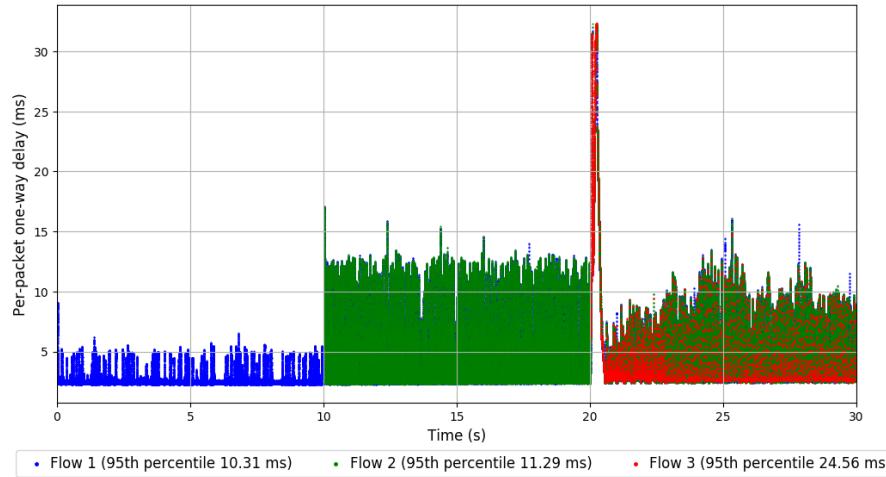
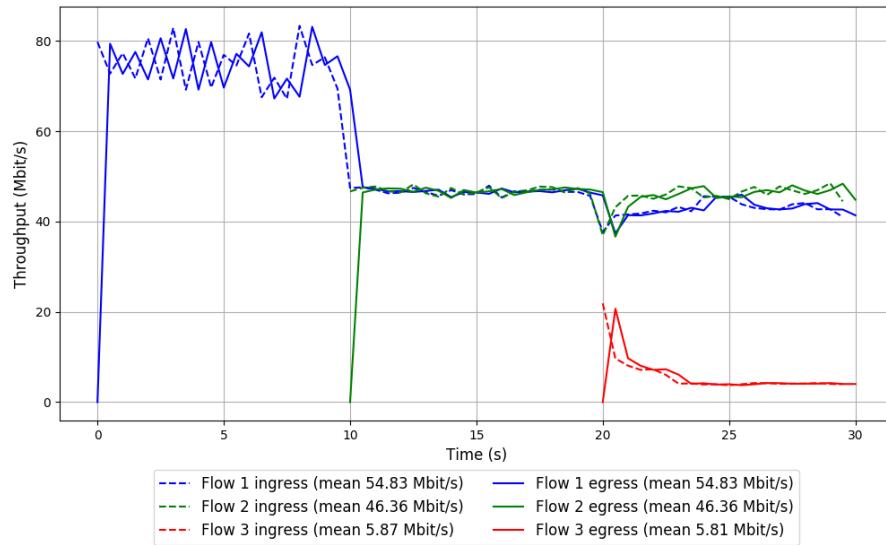


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-07-24 14:49:21
End at: 2018-07-24 14:49:51
Local clock offset: -6.843 ms
Remote clock offset: -1.535 ms

# Below is generated by plot.py at 2018-07-24 17:57:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.64 Mbit/s
95th percentile per-packet one-way delay: 10.860 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 54.83 Mbit/s
95th percentile per-packet one-way delay: 10.307 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 46.36 Mbit/s
95th percentile per-packet one-way delay: 11.292 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 5.81 Mbit/s
95th percentile per-packet one-way delay: 24.564 ms
Loss rate: 0.93%
```

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

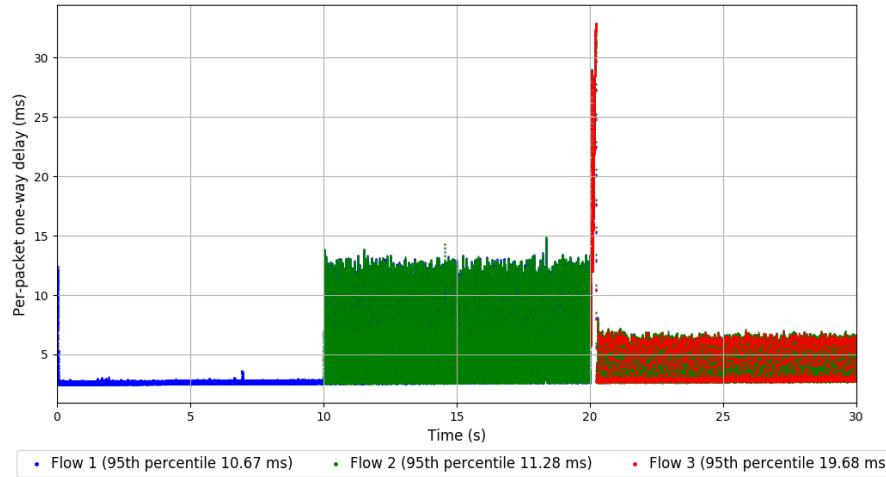
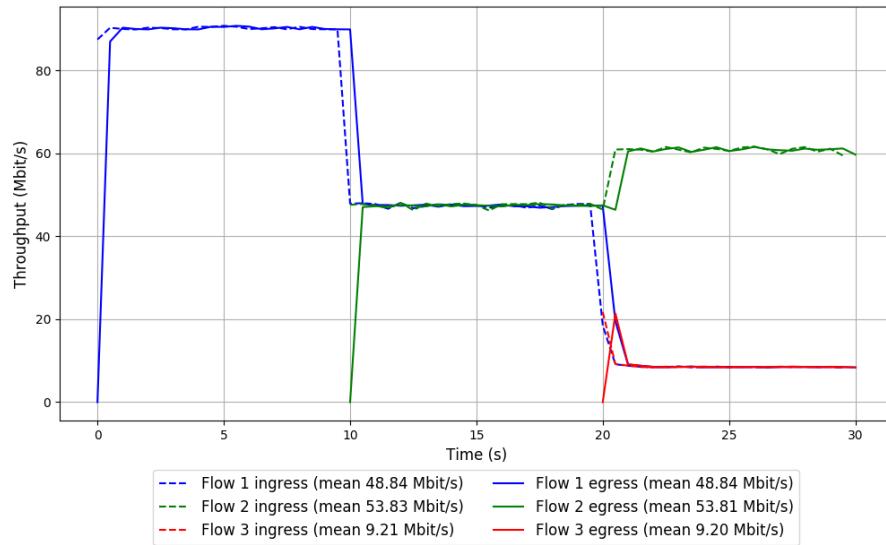


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-07-24 15:08:34
End at: 2018-07-24 15:09:04
Local clock offset: -3.511 ms
Remote clock offset: -7.394 ms

# Below is generated by plot.py at 2018-07-24 17:57:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.76 Mbit/s
95th percentile per-packet one-way delay: 11.016 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 48.84 Mbit/s
95th percentile per-packet one-way delay: 10.674 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 53.81 Mbit/s
95th percentile per-packet one-way delay: 11.277 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 9.20 Mbit/s
95th percentile per-packet one-way delay: 19.685 ms
Loss rate: 0.18%
```

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

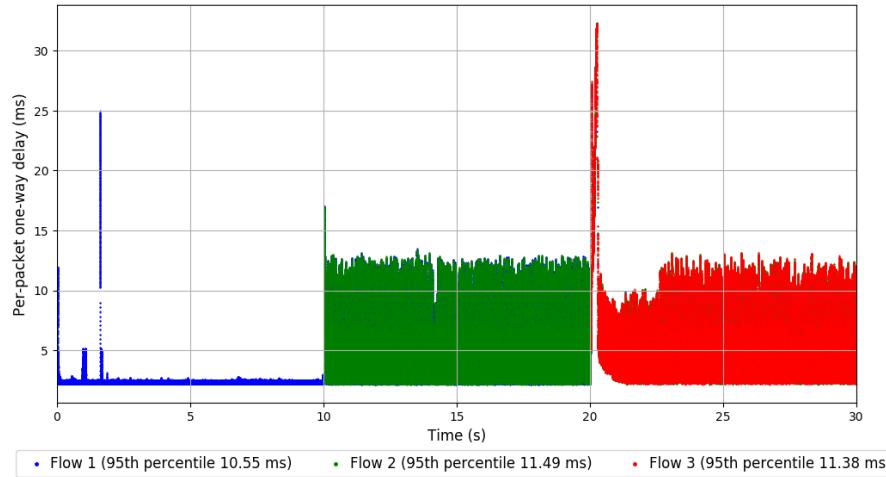
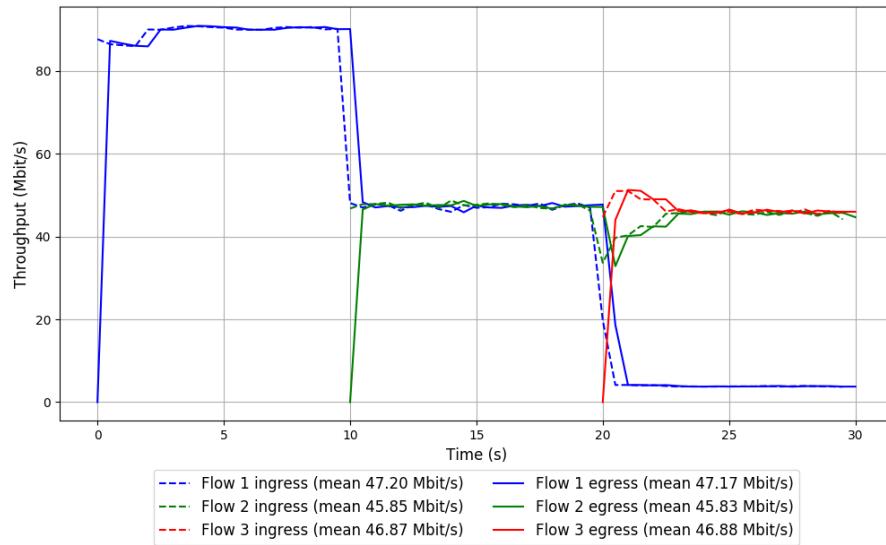


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-07-24 15:27:46
End at: 2018-07-24 15:28:16
Local clock offset: 0.583 ms
Remote clock offset: -8.495 ms

# Below is generated by plot.py at 2018-07-24 17:58:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.28 Mbit/s
95th percentile per-packet one-way delay: 11.159 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 47.17 Mbit/s
95th percentile per-packet one-way delay: 10.546 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 45.83 Mbit/s
95th percentile per-packet one-way delay: 11.486 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 46.88 Mbit/s
95th percentile per-packet one-way delay: 11.381 ms
Loss rate: 0.01%
```

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

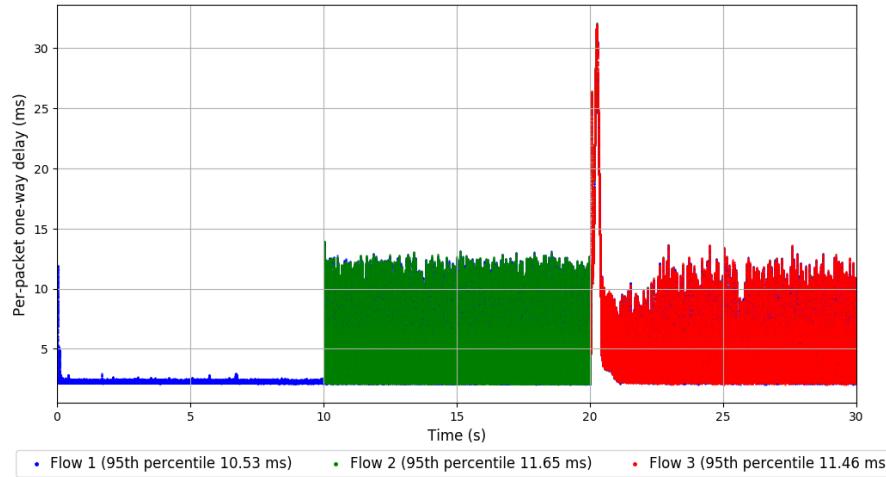
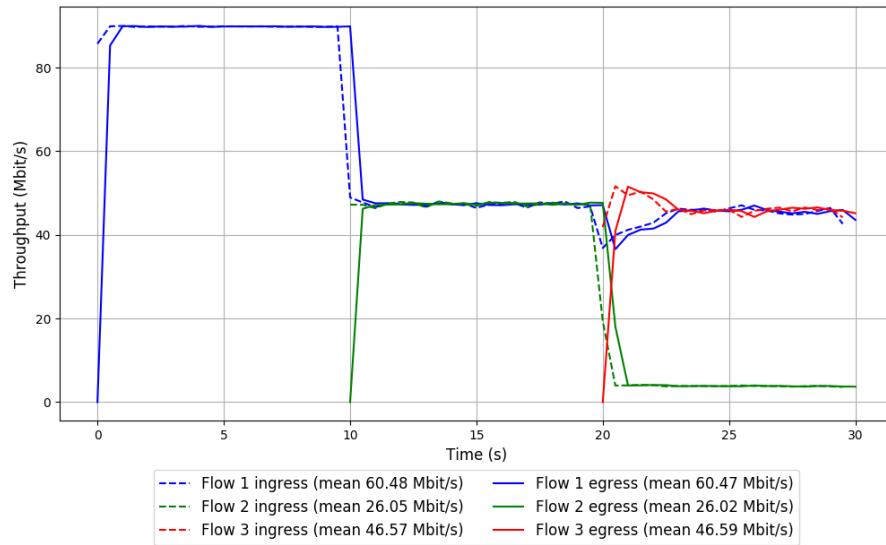


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-07-24 15:46:58
End at: 2018-07-24 15:47:28
Local clock offset: -6.648 ms
Remote clock offset: -8.297 ms

# Below is generated by plot.py at 2018-07-24 17:58:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.27 Mbit/s
95th percentile per-packet one-way delay: 11.039 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 60.47 Mbit/s
95th percentile per-packet one-way delay: 10.525 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 26.02 Mbit/s
95th percentile per-packet one-way delay: 11.655 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 46.59 Mbit/s
95th percentile per-packet one-way delay: 11.462 ms
Loss rate: 0.01%
```

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

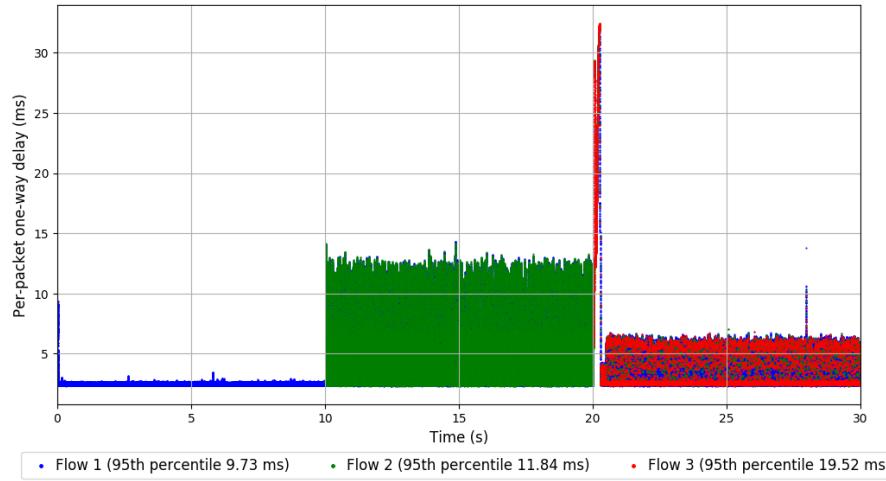
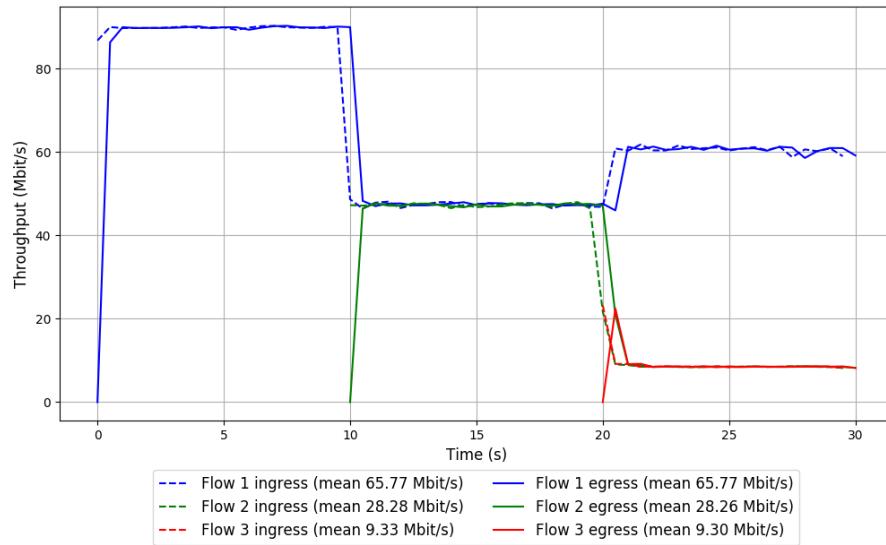


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-07-24 16:06:10
End at: 2018-07-24 16:06:40
Local clock offset: -7.966 ms
Remote clock offset: -7.552 ms

# Below is generated by plot.py at 2018-07-24 17:58:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.68 Mbit/s
95th percentile per-packet one-way delay: 10.858 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 65.77 Mbit/s
95th percentile per-packet one-way delay: 9.735 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 28.26 Mbit/s
95th percentile per-packet one-way delay: 11.838 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 9.30 Mbit/s
95th percentile per-packet one-way delay: 19.525 ms
Loss rate: 0.37%
```

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

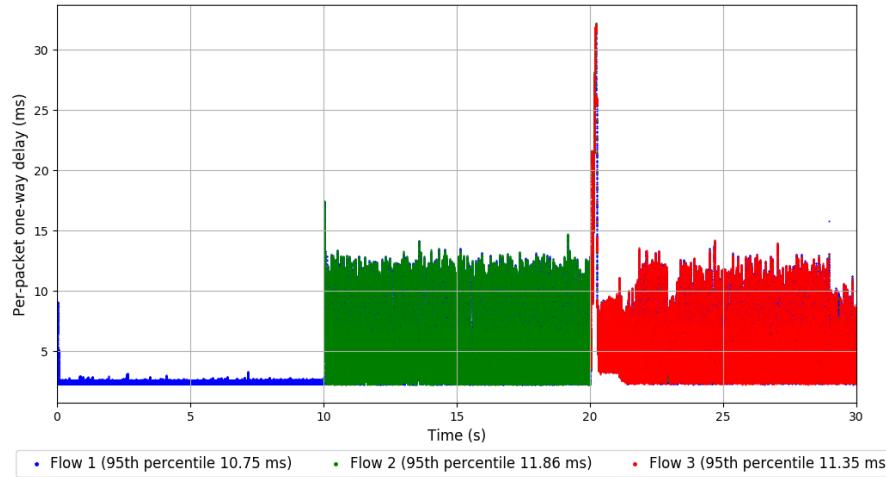
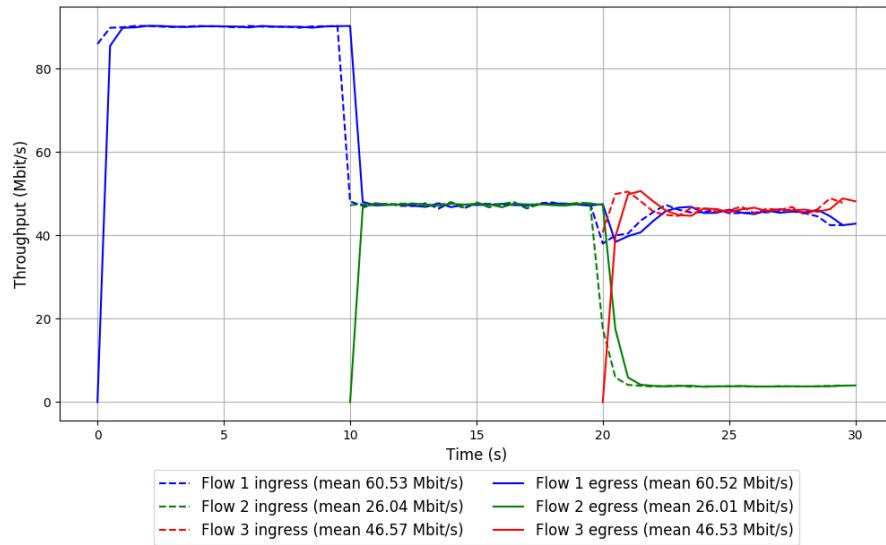


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-07-24 16:25:22
End at: 2018-07-24 16:25:52
Local clock offset: -7.449 ms
Remote clock offset: -7.214 ms

# Below is generated by plot.py at 2018-07-24 17:58:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.31 Mbit/s
95th percentile per-packet one-way delay: 11.199 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 60.52 Mbit/s
95th percentile per-packet one-way delay: 10.746 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 26.01 Mbit/s
95th percentile per-packet one-way delay: 11.860 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 46.53 Mbit/s
95th percentile per-packet one-way delay: 11.354 ms
Loss rate: 0.06%
```

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

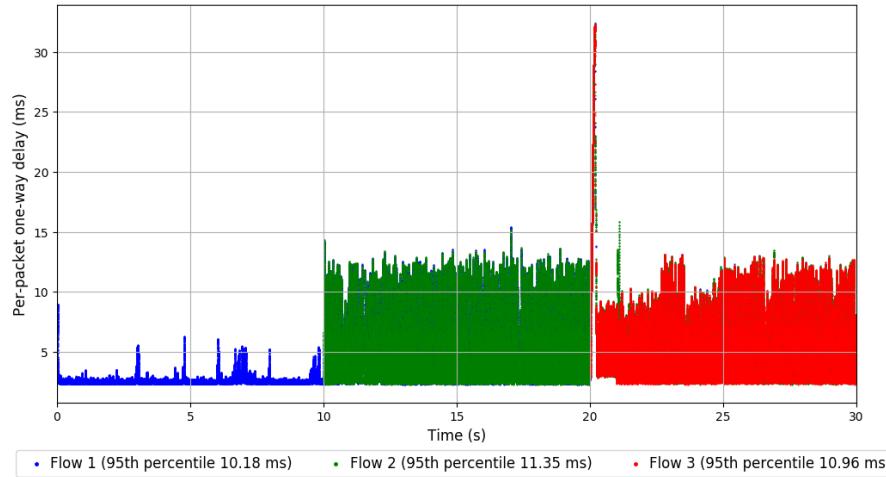
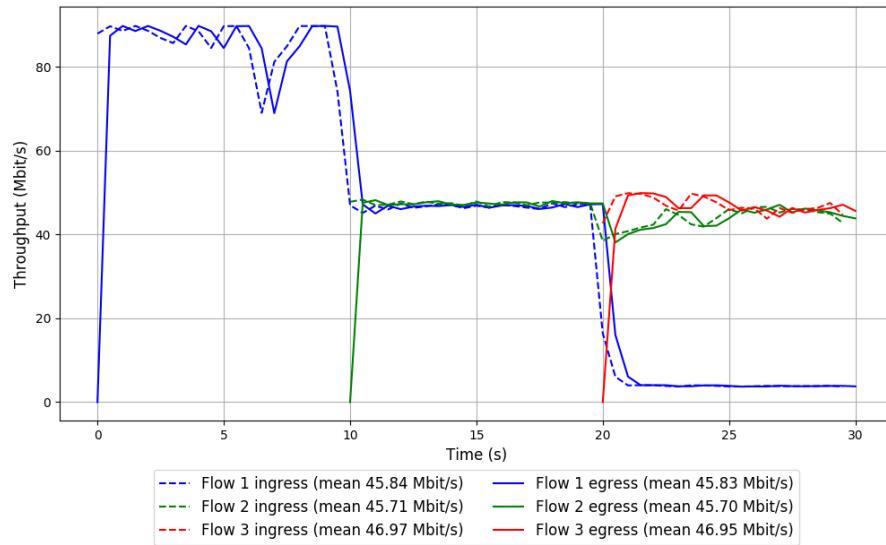


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-07-24 16:44:34
End at: 2018-07-24 16:45:04
Local clock offset: -4.174 ms
Remote clock offset: -3.14 ms

# Below is generated by plot.py at 2018-07-24 17:58:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.91 Mbit/s
95th percentile per-packet one-way delay: 10.874 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 45.83 Mbit/s
95th percentile per-packet one-way delay: 10.177 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 45.70 Mbit/s
95th percentile per-packet one-way delay: 11.345 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 46.95 Mbit/s
95th percentile per-packet one-way delay: 10.957 ms
Loss rate: 0.07%
```

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

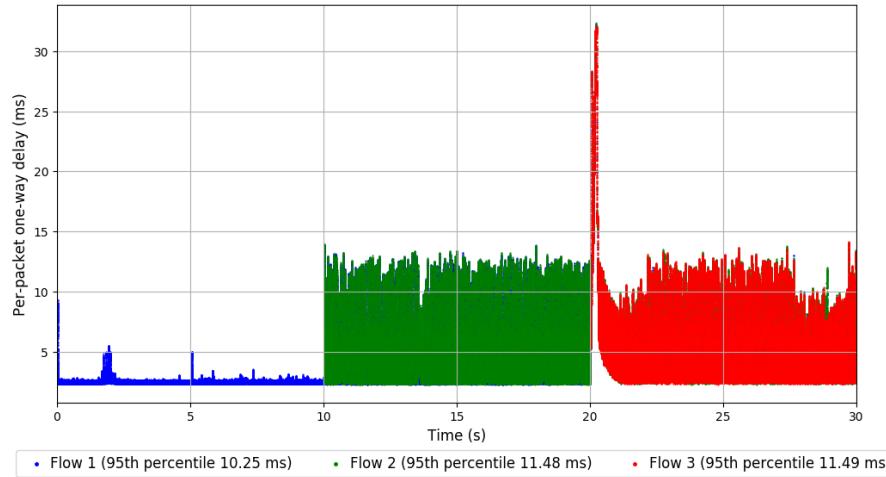
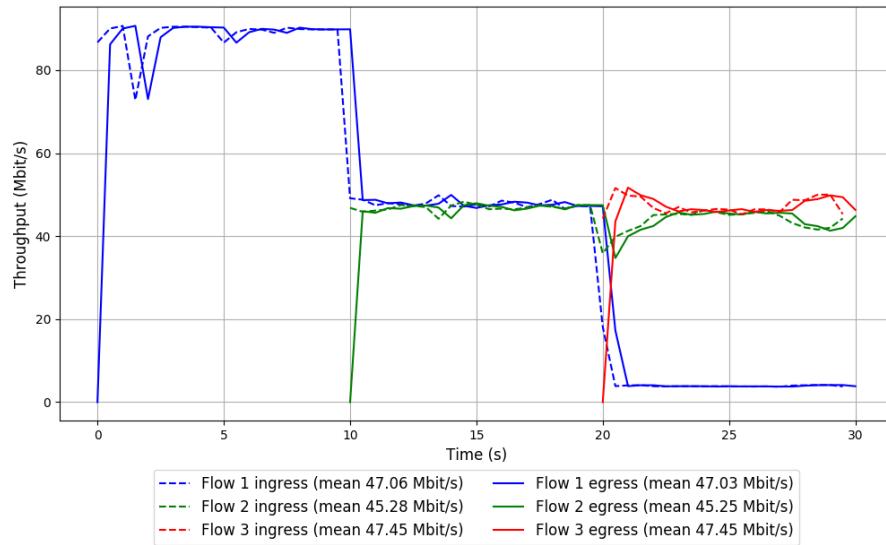


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-07-24 17:03:46
End at: 2018-07-24 17:04:16
Local clock offset: -2.919 ms
Remote clock offset: -1.338 ms

# Below is generated by plot.py at 2018-07-24 17:59:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.94 Mbit/s
95th percentile per-packet one-way delay: 11.073 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 47.03 Mbit/s
95th percentile per-packet one-way delay: 10.248 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 45.25 Mbit/s
95th percentile per-packet one-way delay: 11.484 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 47.45 Mbit/s
95th percentile per-packet one-way delay: 11.494 ms
Loss rate: 0.01%
```

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

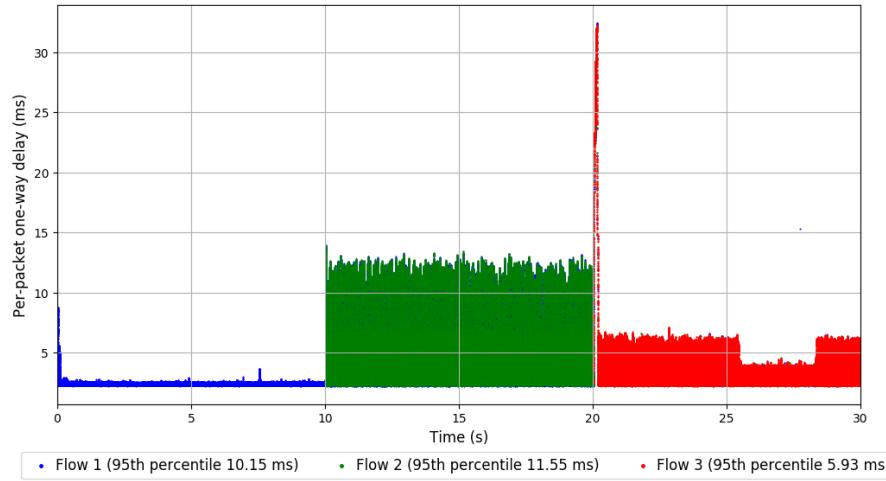
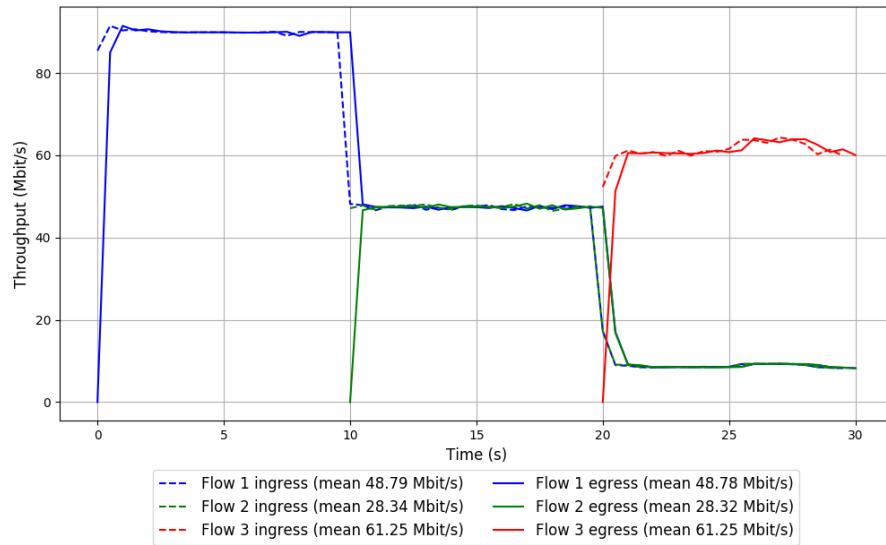


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-07-24 17:22:58
End at: 2018-07-24 17:23:28
Local clock offset: -2.056 ms
Remote clock offset: -1.562 ms

# Below is generated by plot.py at 2018-07-24 17:59:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.01 Mbit/s
95th percentile per-packet one-way delay: 10.484 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 48.78 Mbit/s
95th percentile per-packet one-way delay: 10.152 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 28.32 Mbit/s
95th percentile per-packet one-way delay: 11.550 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 61.25 Mbit/s
95th percentile per-packet one-way delay: 5.927 ms
Loss rate: 0.01%
```

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

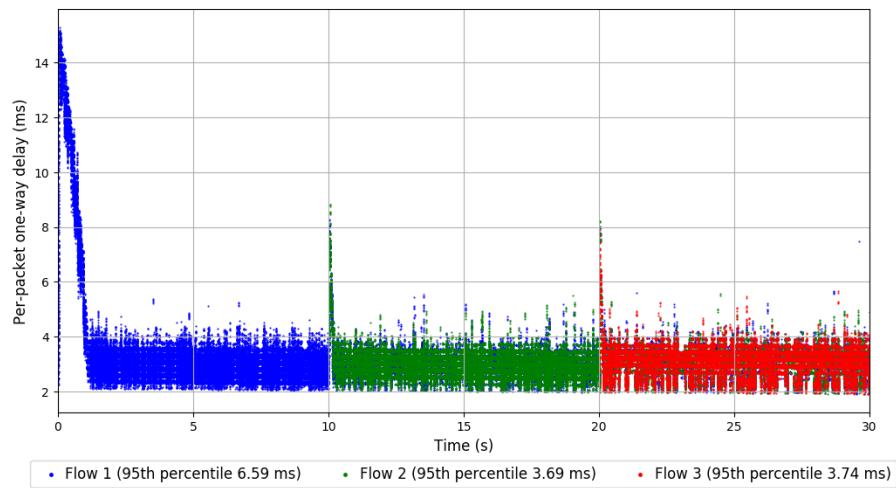
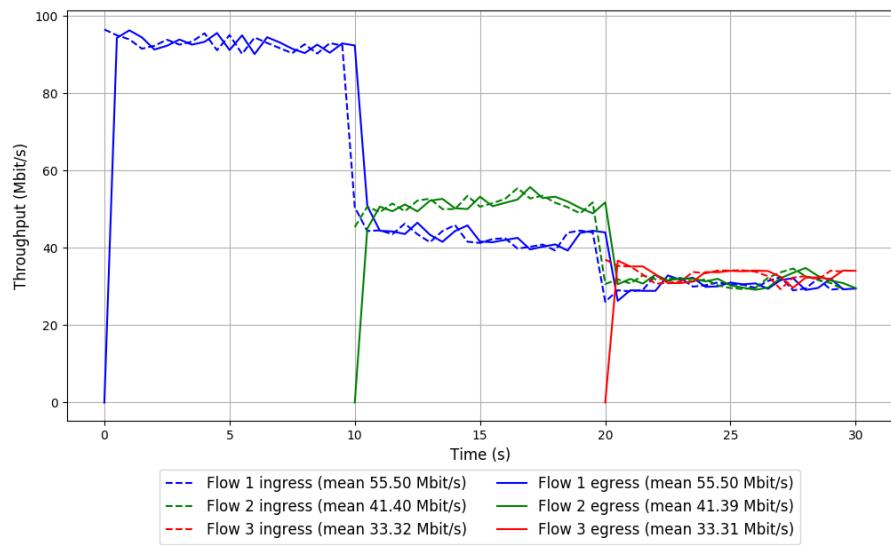


Run 1: Statistics of TCP Vegas

```
Start at: 2018-07-24 14:35:42
End at: 2018-07-24 14:36:12
Local clock offset: -3.466 ms
Remote clock offset: -1.792 ms

# Below is generated by plot.py at 2018-07-24 17:59:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.14 Mbit/s
95th percentile per-packet one-way delay: 4.012 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.50 Mbit/s
95th percentile per-packet one-way delay: 6.587 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.39 Mbit/s
95th percentile per-packet one-way delay: 3.694 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 33.31 Mbit/s
95th percentile per-packet one-way delay: 3.744 ms
Loss rate: 0.00%
```

Run 1: Report of TCP Vegas — Data Link

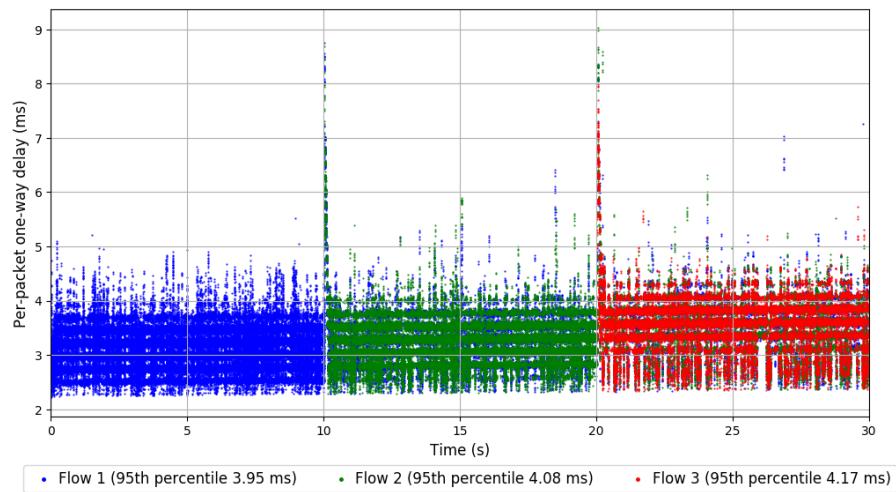
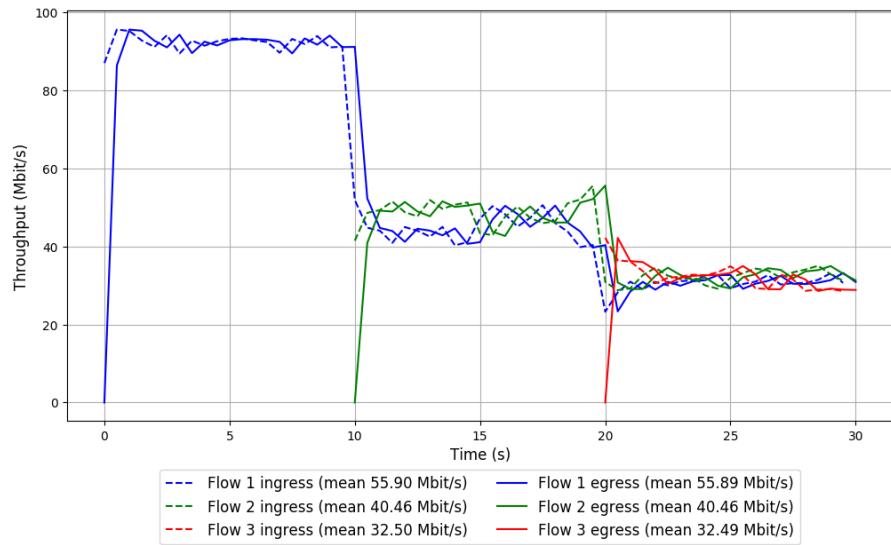


Run 2: Statistics of TCP Vegas

```
Start at: 2018-07-24 14:54:55
End at: 2018-07-24 14:55:25
Local clock offset: -7.41 ms
Remote clock offset: -4.169 ms

# Below is generated by plot.py at 2018-07-24 17:59:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.64 Mbit/s
95th percentile per-packet one-way delay: 4.057 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.89 Mbit/s
95th percentile per-packet one-way delay: 3.948 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 40.46 Mbit/s
95th percentile per-packet one-way delay: 4.075 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 32.49 Mbit/s
95th percentile per-packet one-way delay: 4.168 ms
Loss rate: 0.00%
```

Run 2: Report of TCP Vegas — Data Link

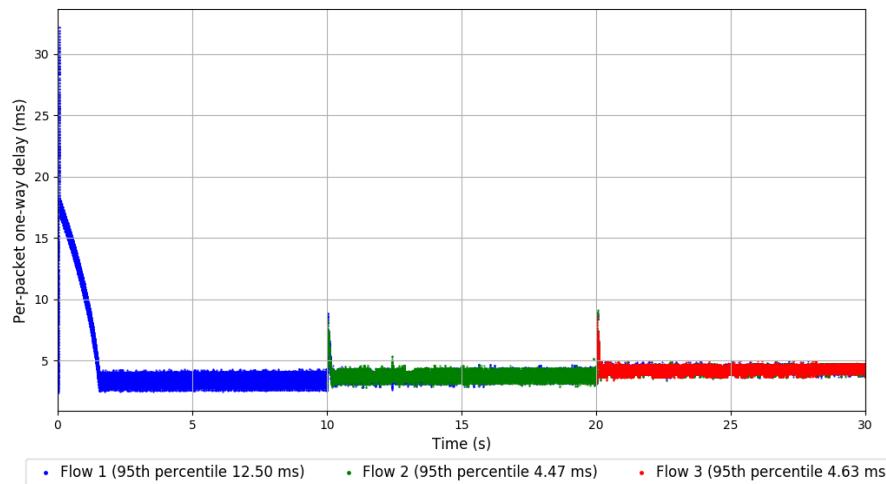
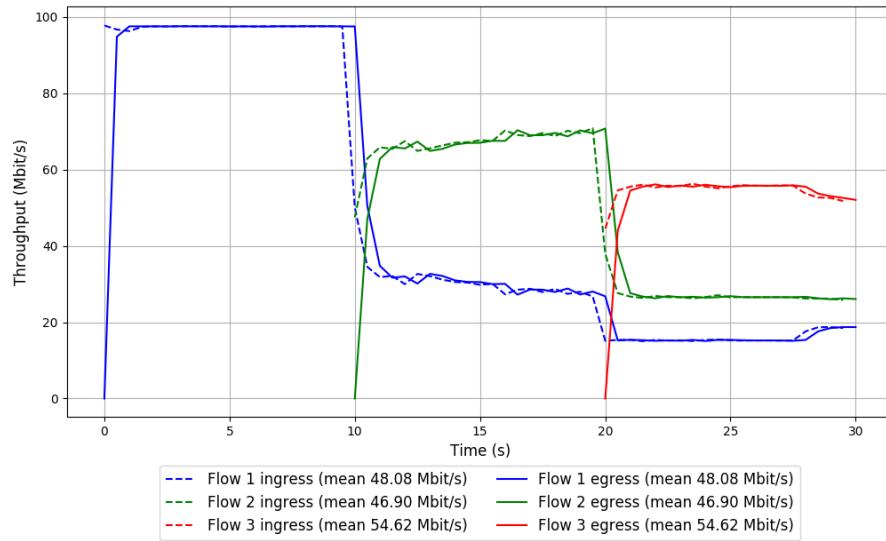


Run 3: Statistics of TCP Vegas

```
Start at: 2018-07-24 15:14:06
End at: 2018-07-24 15:14:36
Local clock offset: -1.54 ms
Remote clock offset: -8.063 ms

# Below is generated by plot.py at 2018-07-24 17:59:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 5.801 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 48.08 Mbit/s
95th percentile per-packet one-way delay: 12.497 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 46.90 Mbit/s
95th percentile per-packet one-way delay: 4.467 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 54.62 Mbit/s
95th percentile per-packet one-way delay: 4.635 ms
Loss rate: 0.00%
```

Run 3: Report of TCP Vegas — Data Link

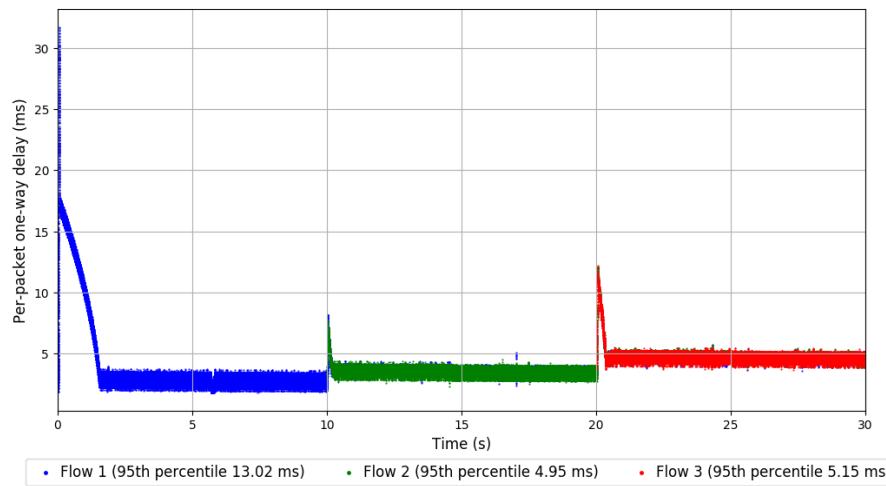
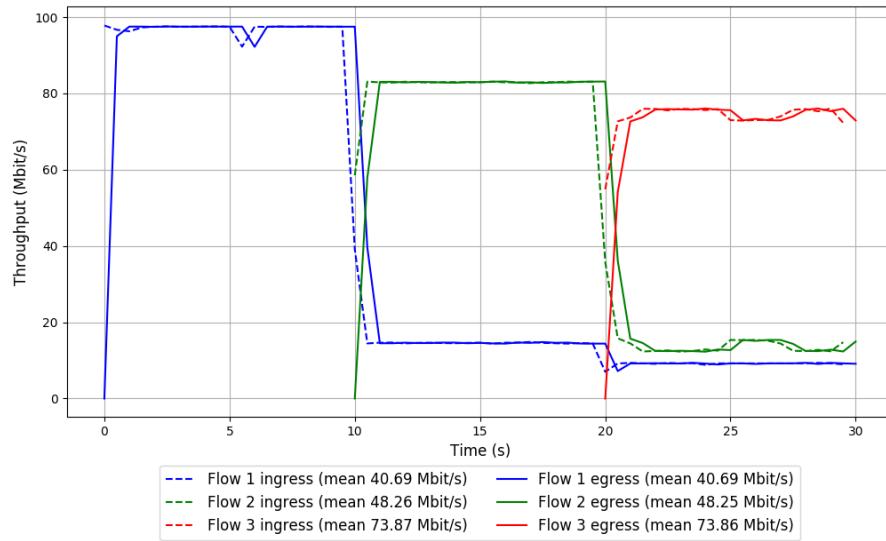


Run 4: Statistics of TCP Vegas

```
Start at: 2018-07-24 15:33:19
End at: 2018-07-24 15:33:49
Local clock offset: -0.486 ms
Remote clock offset: -8.083 ms

# Below is generated by plot.py at 2018-07-24 17:59:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.39 Mbit/s
95th percentile per-packet one-way delay: 6.990 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 40.69 Mbit/s
95th percentile per-packet one-way delay: 13.022 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 48.25 Mbit/s
95th percentile per-packet one-way delay: 4.952 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 73.86 Mbit/s
95th percentile per-packet one-way delay: 5.153 ms
Loss rate: 0.00%
```

Run 4: Report of TCP Vegas — Data Link

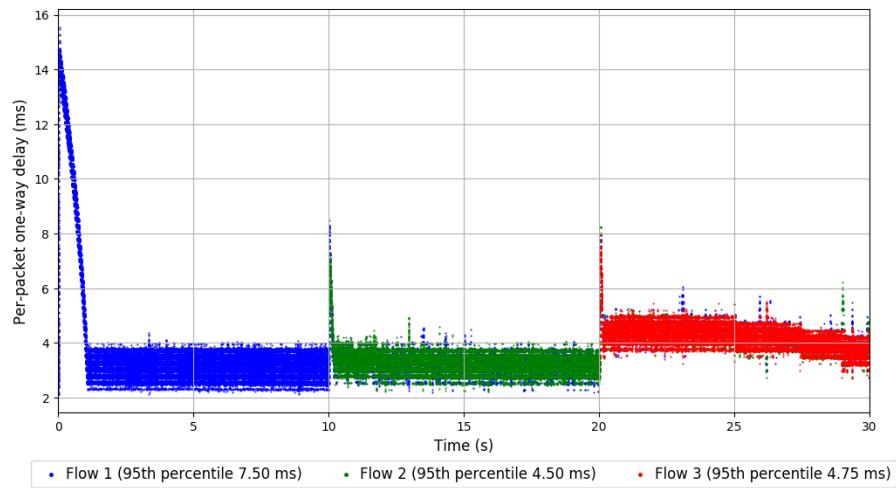
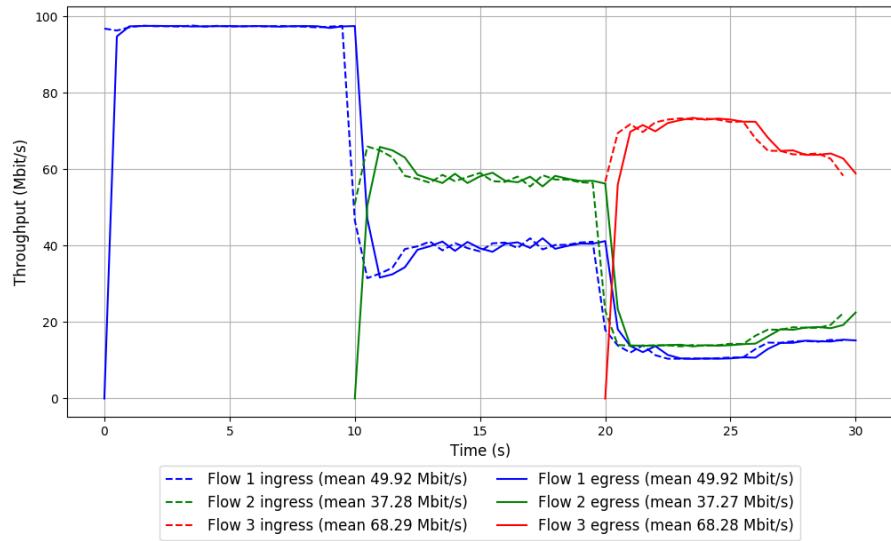


Run 5: Statistics of TCP Vegas

```
Start at: 2018-07-24 15:52:31
End at: 2018-07-24 15:53:01
Local clock offset: -7.503 ms
Remote clock offset: -8.504 ms

# Below is generated by plot.py at 2018-07-24 17:59:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.45 Mbit/s
95th percentile per-packet one-way delay: 4.768 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.92 Mbit/s
95th percentile per-packet one-way delay: 7.500 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.27 Mbit/s
95th percentile per-packet one-way delay: 4.495 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 68.28 Mbit/s
95th percentile per-packet one-way delay: 4.752 ms
Loss rate: 0.00%
```

Run 5: Report of TCP Vegas — Data Link

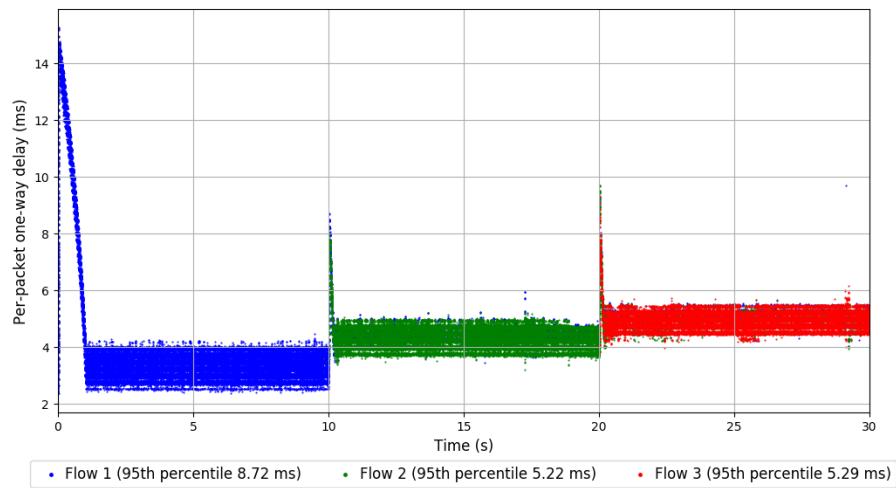
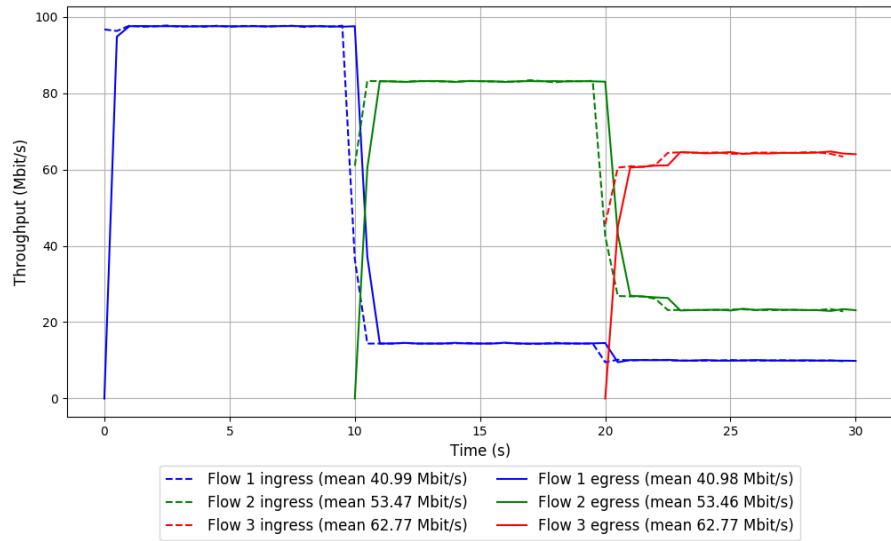


Run 6: Statistics of TCP Vegas

```
Start at: 2018-07-24 16:11:43
End at: 2018-07-24 16:12:13
Local clock offset: -7.501 ms
Remote clock offset: -7.244 ms

# Below is generated by plot.py at 2018-07-24 17:59:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 5.302 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 40.98 Mbit/s
95th percentile per-packet one-way delay: 8.718 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 53.46 Mbit/s
95th percentile per-packet one-way delay: 5.216 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 62.77 Mbit/s
95th percentile per-packet one-way delay: 5.291 ms
Loss rate: 0.00%
```

Run 6: Report of TCP Vegas — Data Link

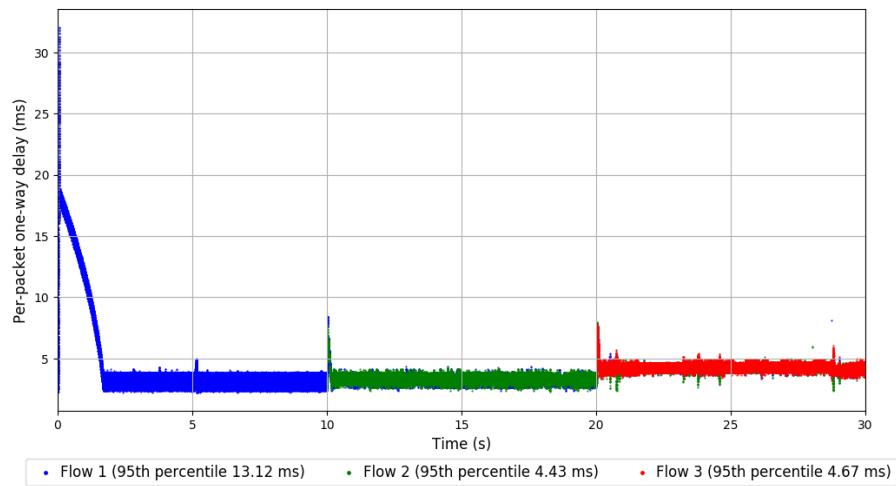
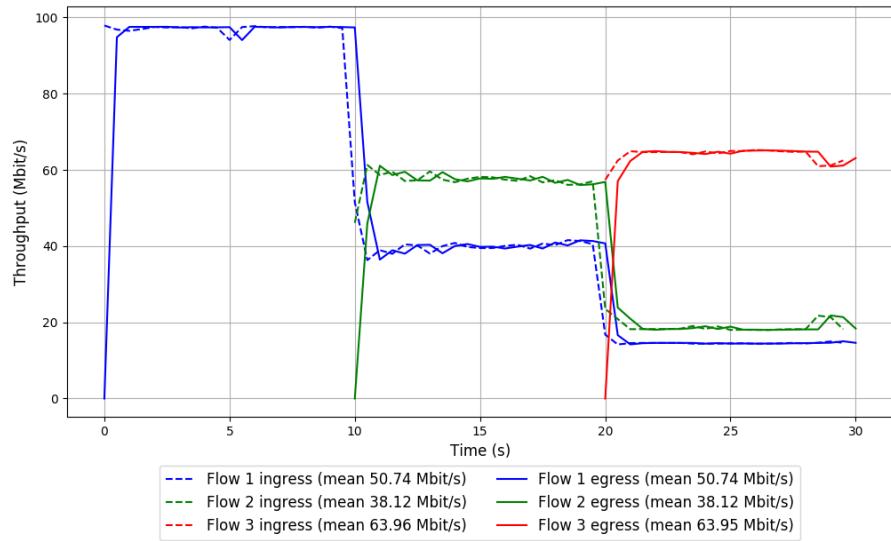


Run 7: Statistics of TCP Vegas

```
Start at: 2018-07-24 16:30:55
End at: 2018-07-24 16:31:25
Local clock offset: -7.563 ms
Remote clock offset: -7.431 ms

# Below is generated by plot.py at 2018-07-24 18:00:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.40 Mbit/s
95th percentile per-packet one-way delay: 6.591 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.74 Mbit/s
95th percentile per-packet one-way delay: 13.125 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.12 Mbit/s
95th percentile per-packet one-way delay: 4.428 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 63.95 Mbit/s
95th percentile per-packet one-way delay: 4.667 ms
Loss rate: 0.00%
```

Run 7: Report of TCP Vegas — Data Link

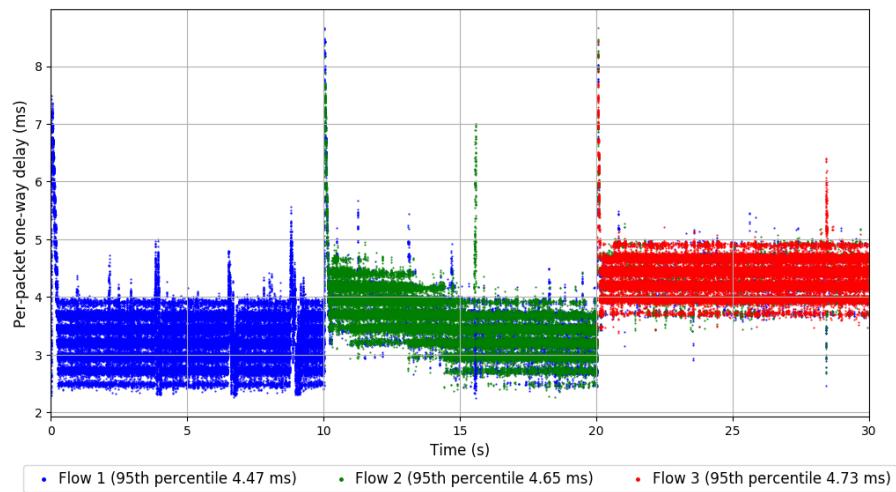
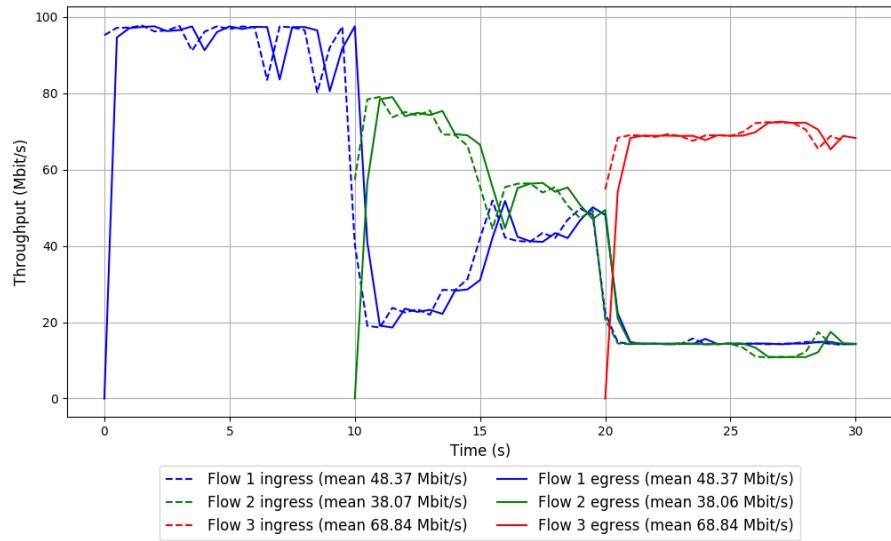


Run 8: Statistics of TCP Vegas

```
Start at: 2018-07-24 16:50:07
End at: 2018-07-24 16:50:37
Local clock offset: -3.658 ms
Remote clock offset: -2.469 ms

# Below is generated by plot.py at 2018-07-24 18:00:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.62 Mbit/s
95th percentile per-packet one-way delay: 4.686 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 48.37 Mbit/s
95th percentile per-packet one-way delay: 4.470 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.06 Mbit/s
95th percentile per-packet one-way delay: 4.649 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 68.84 Mbit/s
95th percentile per-packet one-way delay: 4.727 ms
Loss rate: 0.00%
```

Run 8: Report of TCP Vegas — Data Link

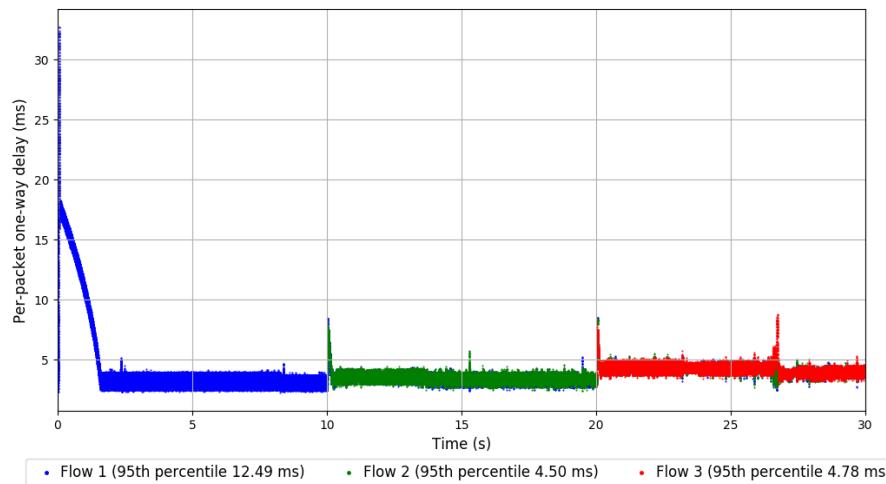
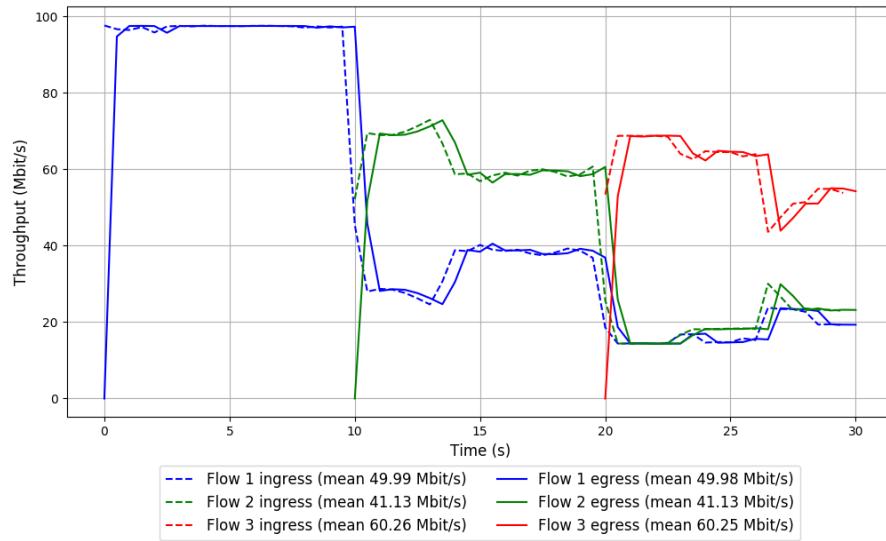


Run 9: Statistics of TCP Vegas

```
Start at: 2018-07-24 17:09:19
End at: 2018-07-24 17:09:49
Local clock offset: -2.563 ms
Remote clock offset: -1.377 ms

# Below is generated by plot.py at 2018-07-24 18:00:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.41 Mbit/s
95th percentile per-packet one-way delay: 6.031 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.98 Mbit/s
95th percentile per-packet one-way delay: 12.489 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.13 Mbit/s
95th percentile per-packet one-way delay: 4.505 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 60.25 Mbit/s
95th percentile per-packet one-way delay: 4.775 ms
Loss rate: 0.00%
```

Run 9: Report of TCP Vegas — Data Link

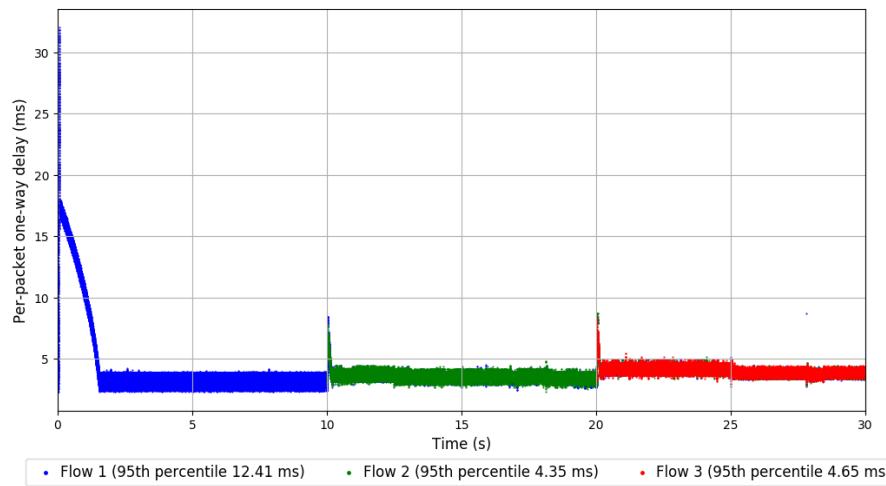
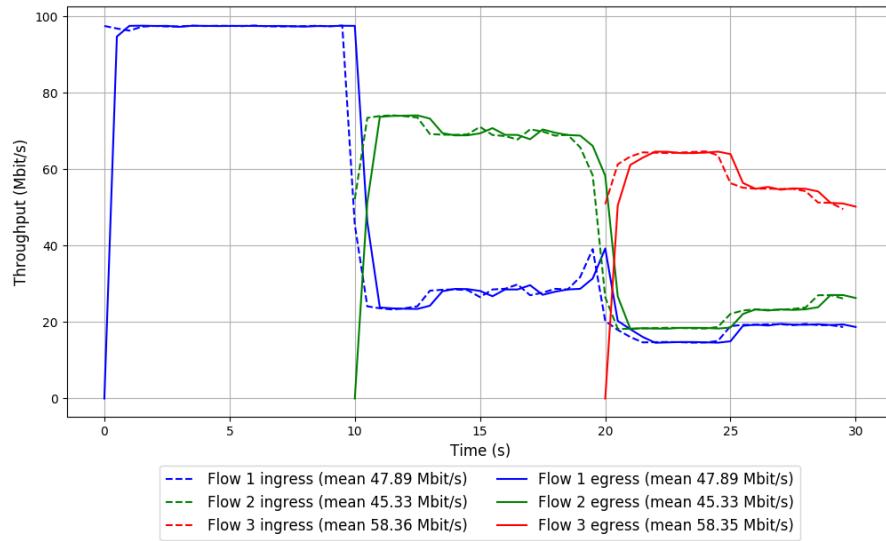


Run 10: Statistics of TCP Vegas

```
Start at: 2018-07-24 17:28:31
End at: 2018-07-24 17:29:01
Local clock offset: -1.876 ms
Remote clock offset: -1.529 ms

# Below is generated by plot.py at 2018-07-24 18:00:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 5.635 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 47.89 Mbit/s
95th percentile per-packet one-way delay: 12.410 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 45.33 Mbit/s
95th percentile per-packet one-way delay: 4.350 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 58.35 Mbit/s
95th percentile per-packet one-way delay: 4.649 ms
Loss rate: 0.00%
```

Run 10: Report of TCP Vegas — Data Link

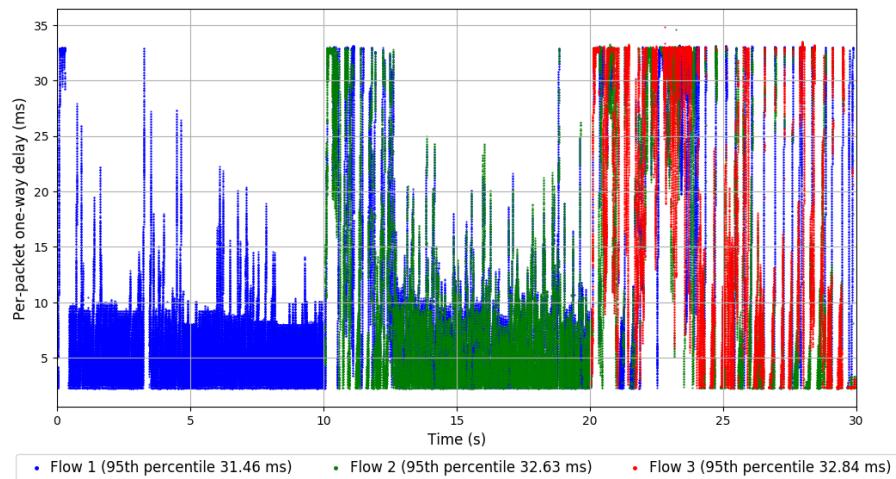
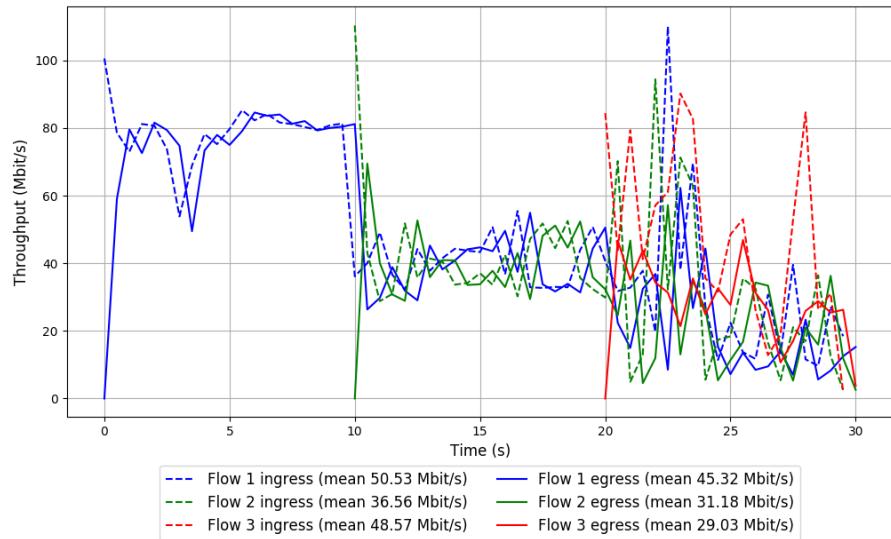


Run 1: Statistics of Verus

```
Start at: 2018-07-24 14:22:12
End at: 2018-07-24 14:22:42
Local clock offset: -1.47 ms
Remote clock offset: -1.842 ms

# Below is generated by plot.py at 2018-07-24 18:00:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 75.54 Mbit/s
95th percentile per-packet one-way delay: 32.514 ms
Loss rate: 16.75%
-- Flow 1:
Average throughput: 45.32 Mbit/s
95th percentile per-packet one-way delay: 31.457 ms
Loss rate: 10.23%
-- Flow 2:
Average throughput: 31.18 Mbit/s
95th percentile per-packet one-way delay: 32.629 ms
Loss rate: 14.71%
-- Flow 3:
Average throughput: 29.03 Mbit/s
95th percentile per-packet one-way delay: 32.838 ms
Loss rate: 40.24%
```

Run 1: Report of Verus — Data Link

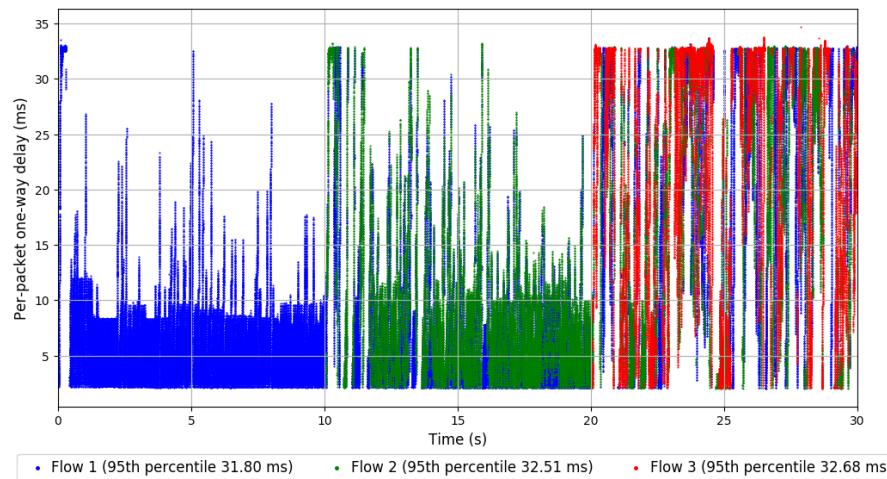
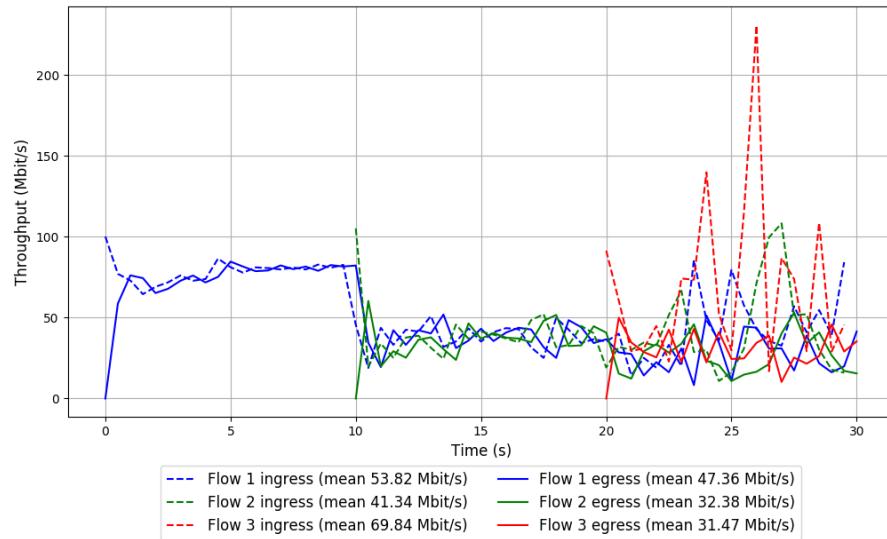


Run 2: Statistics of Verus

```
Start at: 2018-07-24 14:41:24
End at: 2018-07-24 14:41:54
Local clock offset: -5.329 ms
Remote clock offset: -1.716 ms

# Below is generated by plot.py at 2018-07-24 18:00:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.18 Mbit/s
95th percentile per-packet one-way delay: 32.463 ms
Loss rate: 23.96%
-- Flow 1:
Average throughput: 47.36 Mbit/s
95th percentile per-packet one-way delay: 31.803 ms
Loss rate: 11.92%
-- Flow 2:
Average throughput: 32.38 Mbit/s
95th percentile per-packet one-way delay: 32.506 ms
Loss rate: 21.57%
-- Flow 3:
Average throughput: 31.47 Mbit/s
95th percentile per-packet one-way delay: 32.682 ms
Loss rate: 54.80%
```

Run 2: Report of Verus — Data Link

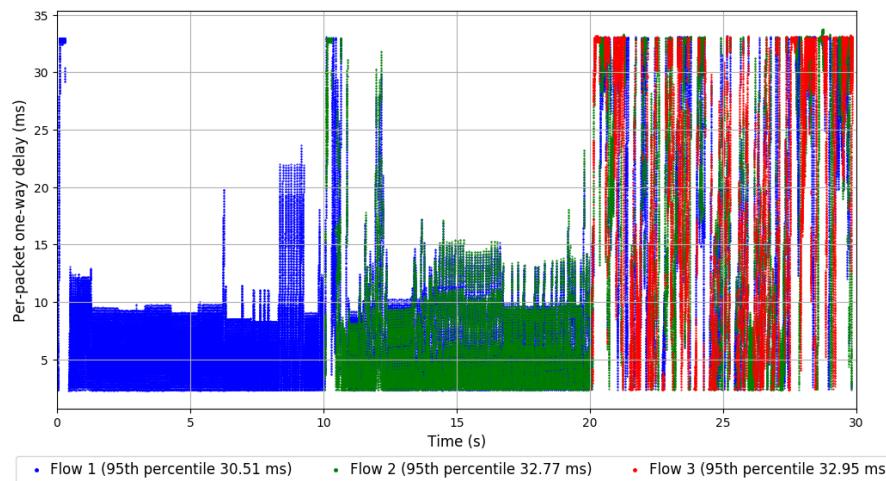
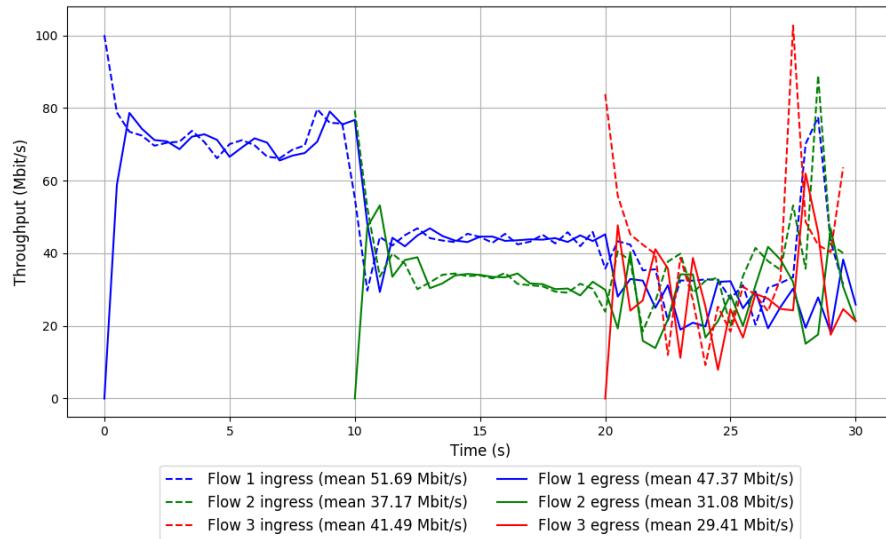


Run 3: Statistics of Verus

```
Start at: 2018-07-24 15:00:36
End at: 2018-07-24 15:01:06
Local clock offset: -7.877 ms
Remote clock offset: -5.824 ms

# Below is generated by plot.py at 2018-07-24 18:00:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.57 Mbit/s
95th percentile per-packet one-way delay: 32.639 ms
Loss rate: 13.64%
-- Flow 1:
Average throughput: 47.37 Mbit/s
95th percentile per-packet one-way delay: 30.513 ms
Loss rate: 8.36%
-- Flow 2:
Average throughput: 31.08 Mbit/s
95th percentile per-packet one-way delay: 32.773 ms
Loss rate: 16.26%
-- Flow 3:
Average throughput: 29.41 Mbit/s
95th percentile per-packet one-way delay: 32.948 ms
Loss rate: 28.94%
```

Run 3: Report of Verus — Data Link

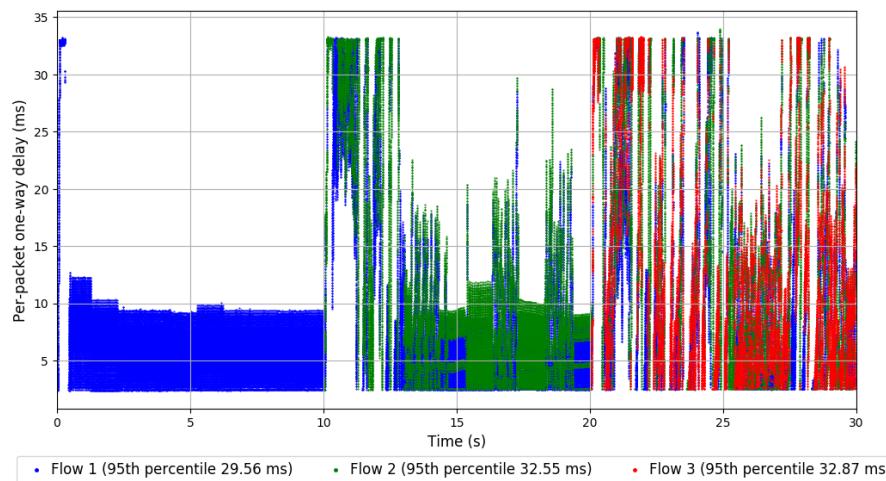
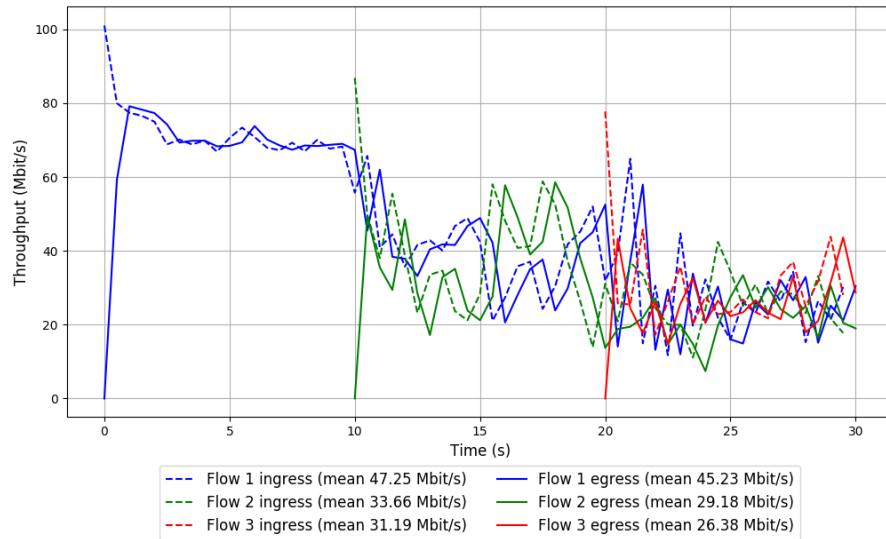


Run 4: Statistics of Verus

```
Start at: 2018-07-24 15:19:48
End at: 2018-07-24 15:20:18
Local clock offset: -0.418 ms
Remote clock offset: -8.627 ms

# Below is generated by plot.py at 2018-07-24 18:00:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 73.39 Mbit/s
95th percentile per-packet one-way delay: 31.357 ms
Loss rate: 8.17%
-- Flow 1:
Average throughput: 45.23 Mbit/s
95th percentile per-packet one-way delay: 29.556 ms
Loss rate: 4.22%
-- Flow 2:
Average throughput: 29.18 Mbit/s
95th percentile per-packet one-way delay: 32.546 ms
Loss rate: 13.23%
-- Flow 3:
Average throughput: 26.38 Mbit/s
95th percentile per-packet one-way delay: 32.869 ms
Loss rate: 15.25%
```

Run 4: Report of Verus — Data Link

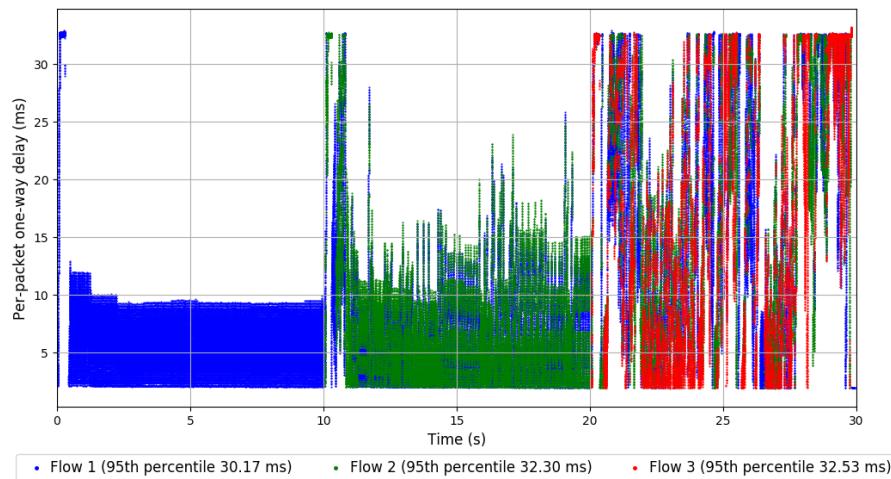
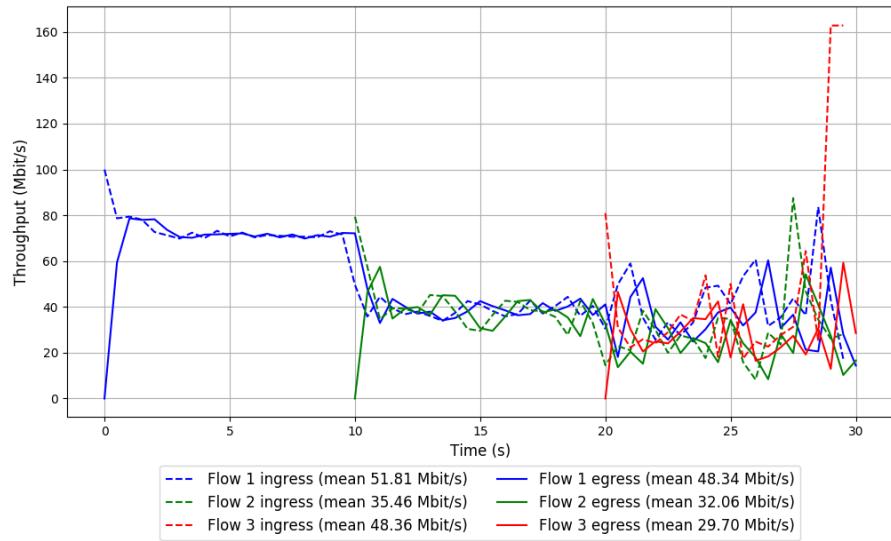


Run 5: Statistics of Verus

```
Start at: 2018-07-24 15:39:01
End at: 2018-07-24 15:39:31
Local clock offset: -4.104 ms
Remote clock offset: -8.022 ms

# Below is generated by plot.py at 2018-07-24 18:01:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.21 Mbit/s
95th percentile per-packet one-way delay: 32.143 ms
Loss rate: 12.91%
-- Flow 1:
Average throughput: 48.34 Mbit/s
95th percentile per-packet one-way delay: 30.174 ms
Loss rate: 6.70%
-- Flow 2:
Average throughput: 32.06 Mbit/s
95th percentile per-packet one-way delay: 32.297 ms
Loss rate: 9.46%
-- Flow 3:
Average throughput: 29.70 Mbit/s
95th percentile per-packet one-way delay: 32.528 ms
Loss rate: 38.41%
```

Run 5: Report of Verus — Data Link

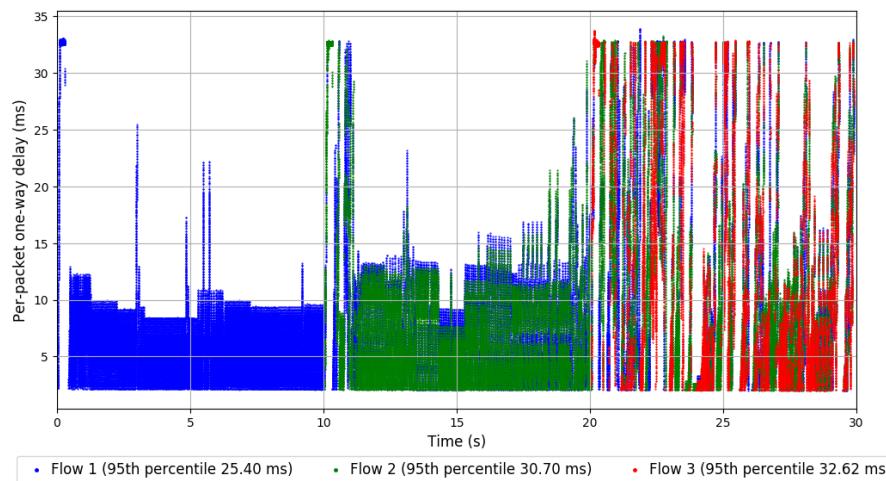
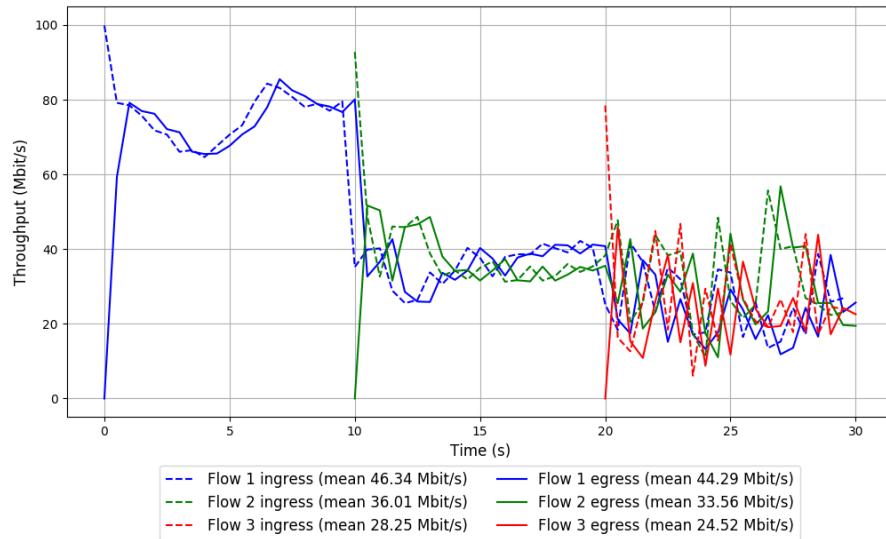


Run 6: Statistics of Verus

```
Start at: 2018-07-24 15:58:13
End at: 2018-07-24 15:58:43
Local clock offset: -8.219 ms
Remote clock offset: -8.613 ms

# Below is generated by plot.py at 2018-07-24 18:01:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.70 Mbit/s
95th percentile per-packet one-way delay: 30.092 ms
Loss rate: 6.07%
-- Flow 1:
Average throughput: 44.29 Mbit/s
95th percentile per-packet one-way delay: 25.399 ms
Loss rate: 4.35%
-- Flow 2:
Average throughput: 33.56 Mbit/s
95th percentile per-packet one-way delay: 30.703 ms
Loss rate: 6.71%
-- Flow 3:
Average throughput: 24.52 Mbit/s
95th percentile per-packet one-way delay: 32.615 ms
Loss rate: 12.97%
```

Run 6: Report of Verus — Data Link

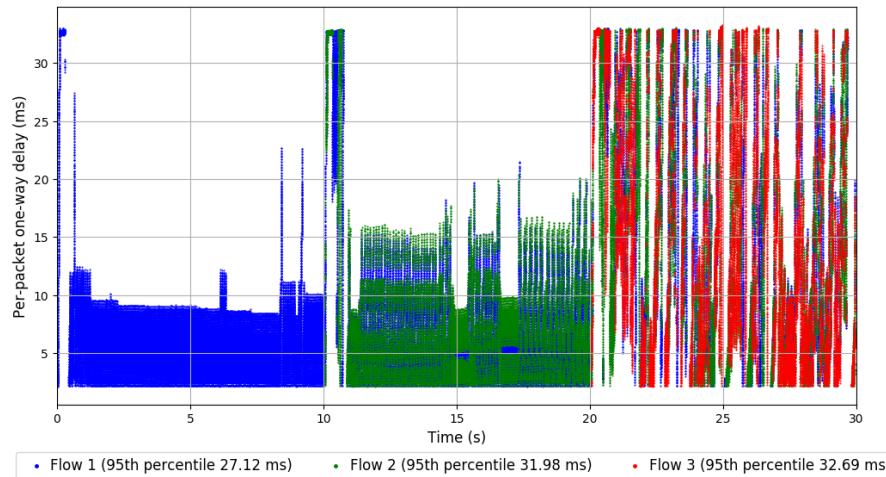
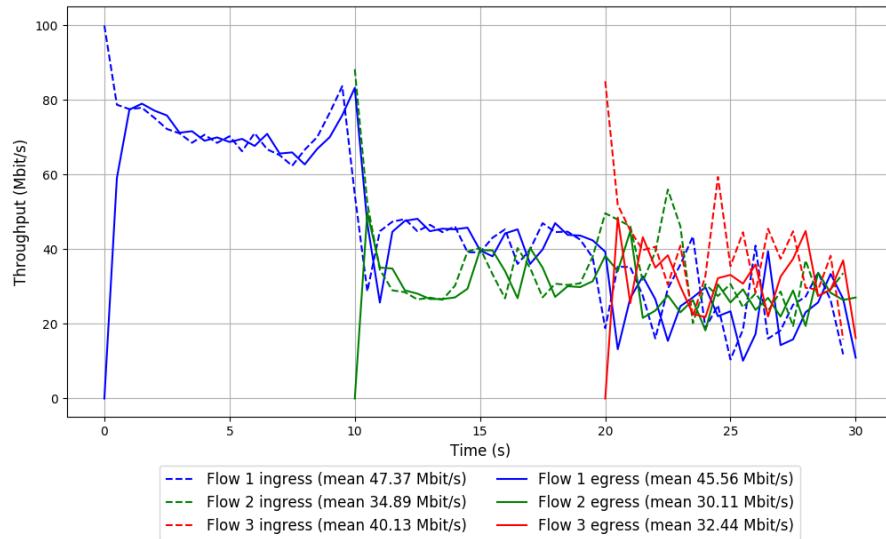


Run 7: Statistics of Verus

```
Start at: 2018-07-24 16:17:24
End at: 2018-07-24 16:17:54
Local clock offset: -7.383 ms
Remote clock offset: -7.304 ms

# Below is generated by plot.py at 2018-07-24 18:01:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.34 Mbit/s
95th percentile per-packet one-way delay: 30.767 ms
Loss rate: 8.99%
-- Flow 1:
Average throughput: 45.56 Mbit/s
95th percentile per-packet one-way delay: 27.117 ms
Loss rate: 3.80%
-- Flow 2:
Average throughput: 30.11 Mbit/s
95th percentile per-packet one-way delay: 31.975 ms
Loss rate: 13.72%
-- Flow 3:
Average throughput: 32.44 Mbit/s
95th percentile per-packet one-way delay: 32.686 ms
Loss rate: 19.17%
```

Run 7: Report of Verus — Data Link

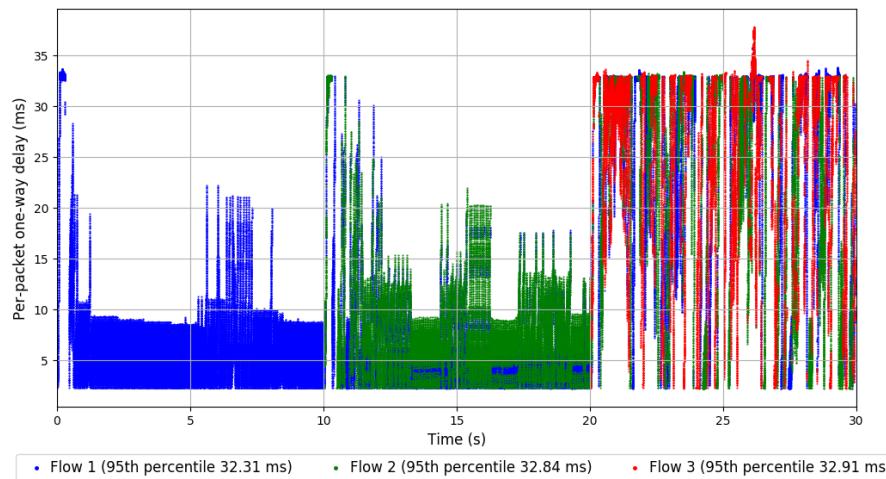
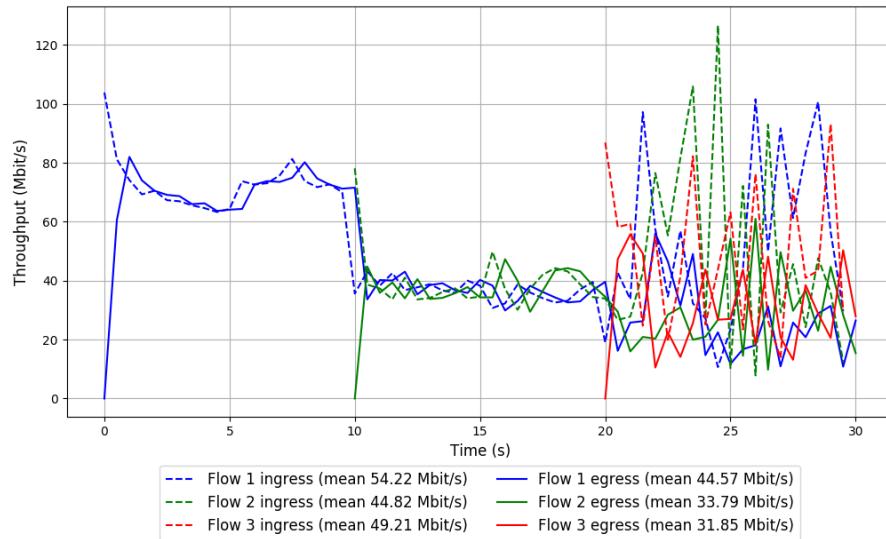


Run 8: Statistics of Verus

```
Start at: 2018-07-24 16:36:37
End at: 2018-07-24 16:37:07
Local clock offset: -5.747 ms
Remote clock offset: -5.274 ms

# Below is generated by plot.py at 2018-07-24 18:01:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.54 Mbit/s
95th percentile per-packet one-way delay: 32.840 ms
Loss rate: 22.61%
-- Flow 1:
Average throughput: 44.57 Mbit/s
95th percentile per-packet one-way delay: 32.311 ms
Loss rate: 17.77%
-- Flow 2:
Average throughput: 33.79 Mbit/s
95th percentile per-packet one-way delay: 32.842 ms
Loss rate: 24.50%
-- Flow 3:
Average throughput: 31.85 Mbit/s
95th percentile per-packet one-way delay: 32.911 ms
Loss rate: 35.25%
```

Run 8: Report of Verus — Data Link

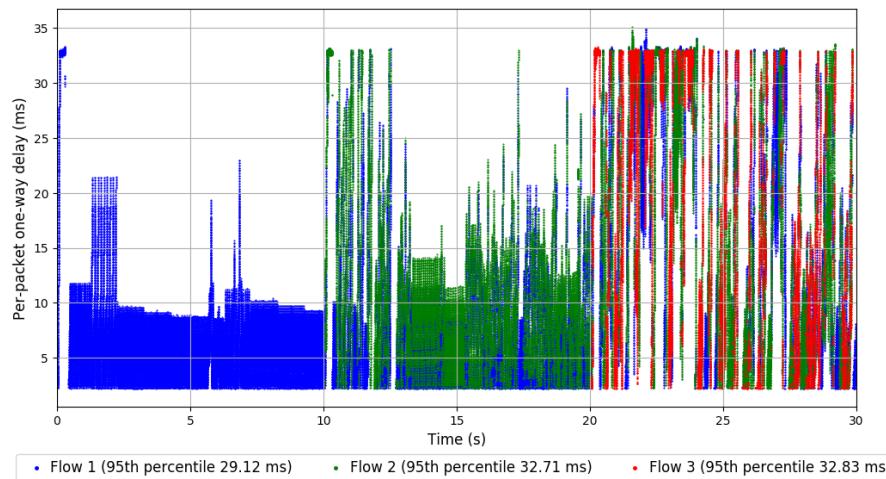
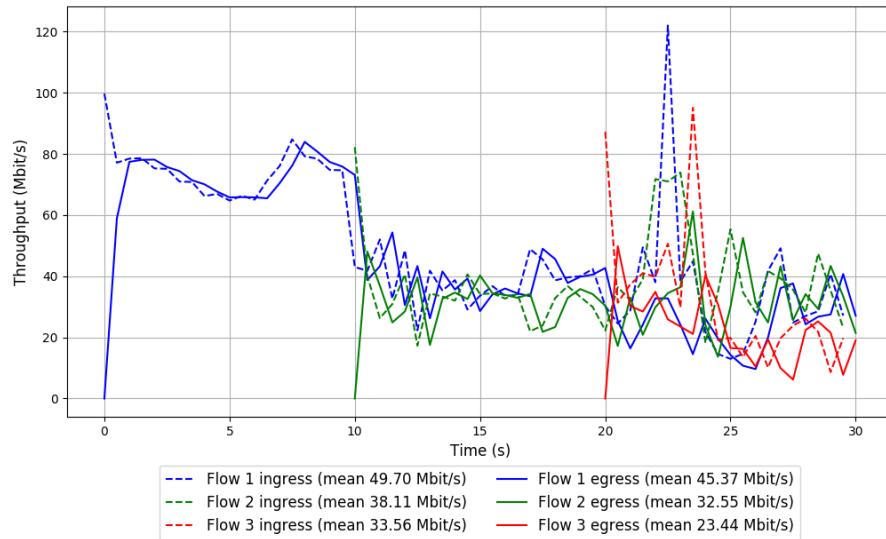


Run 9: Statistics of Verus

```
Start at: 2018-07-24 16:55:49
End at: 2018-07-24 16:56:19
Local clock offset: -3.239 ms
Remote clock offset: -1.892 ms

# Below is generated by plot.py at 2018-07-24 18:01:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.57 Mbit/s
95th percentile per-packet one-way delay: 32.534 ms
Loss rate: 13.10%
-- Flow 1:
Average throughput: 45.37 Mbit/s
95th percentile per-packet one-way delay: 29.121 ms
Loss rate: 8.70%
-- Flow 2:
Average throughput: 32.55 Mbit/s
95th percentile per-packet one-way delay: 32.713 ms
Loss rate: 14.46%
-- Flow 3:
Average throughput: 23.44 Mbit/s
95th percentile per-packet one-way delay: 32.829 ms
Loss rate: 29.98%
```

Run 9: Report of Verus — Data Link

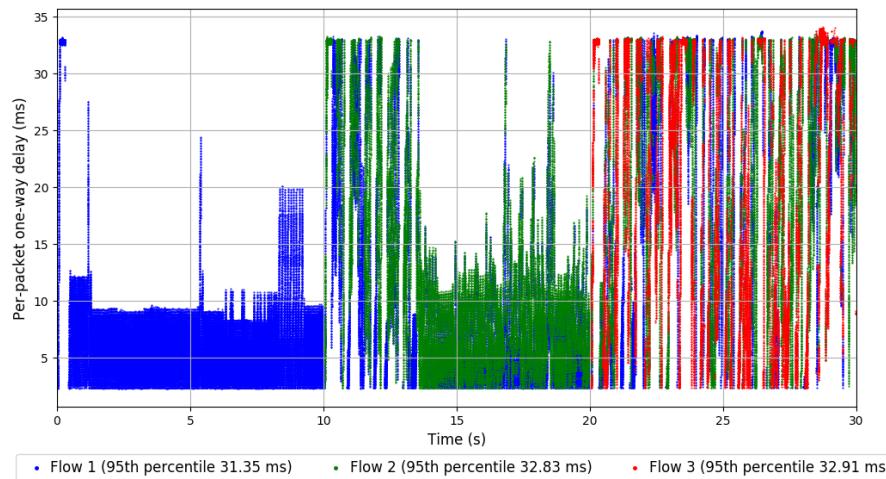
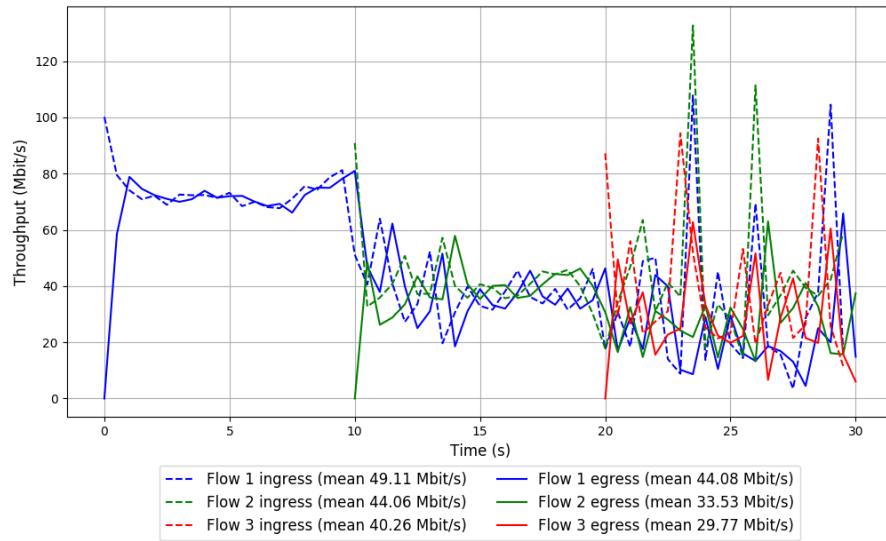


Run 10: Statistics of Verus

```
Start at: 2018-07-24 17:15:01
End at: 2018-07-24 17:15:31
Local clock offset: -2.352 ms
Remote clock offset: -1.561 ms

# Below is generated by plot.py at 2018-07-24 18:01:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.21 Mbit/s
95th percentile per-packet one-way delay: 32.751 ms
Loss rate: 16.86%
-- Flow 1:
Average throughput: 44.08 Mbit/s
95th percentile per-packet one-way delay: 31.354 ms
Loss rate: 10.17%
-- Flow 2:
Average throughput: 33.53 Mbit/s
95th percentile per-packet one-way delay: 32.834 ms
Loss rate: 23.86%
-- Flow 3:
Average throughput: 29.77 Mbit/s
95th percentile per-packet one-way delay: 32.913 ms
Loss rate: 26.06%
```

Run 10: Report of Verus — Data Link

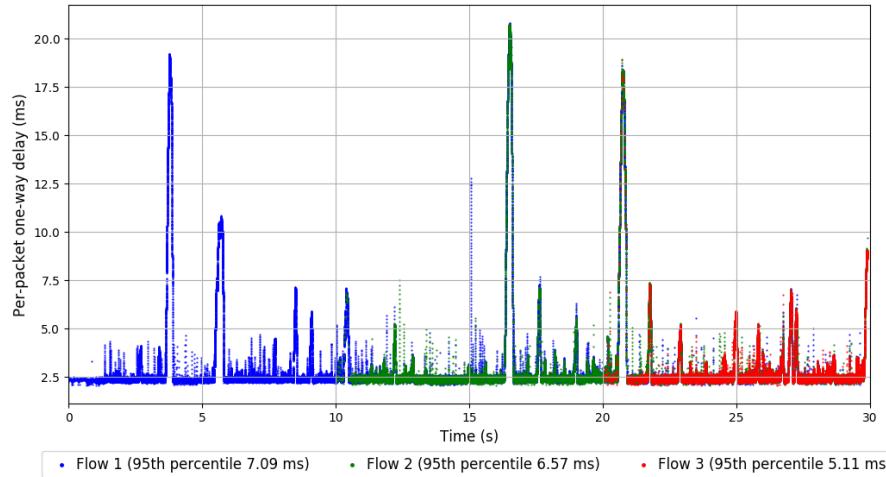
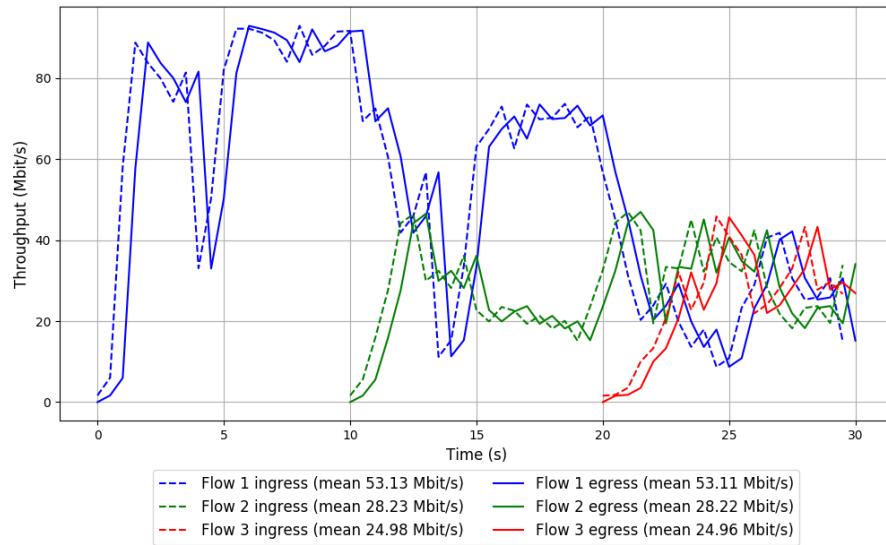


Run 1: Statistics of PCC-Vivace

```
Start at: 2018-07-24 14:29:01
End at: 2018-07-24 14:29:31
Local clock offset: -1.296 ms
Remote clock offset: -1.909 ms

# Below is generated by plot.py at 2018-07-24 18:01:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.13 Mbit/s
95th percentile per-packet one-way delay: 6.719 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.11 Mbit/s
95th percentile per-packet one-way delay: 7.087 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 28.22 Mbit/s
95th percentile per-packet one-way delay: 6.570 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.96 Mbit/s
95th percentile per-packet one-way delay: 5.107 ms
Loss rate: 0.00%
```

Run 1: Report of PCC-Vivace — Data Link

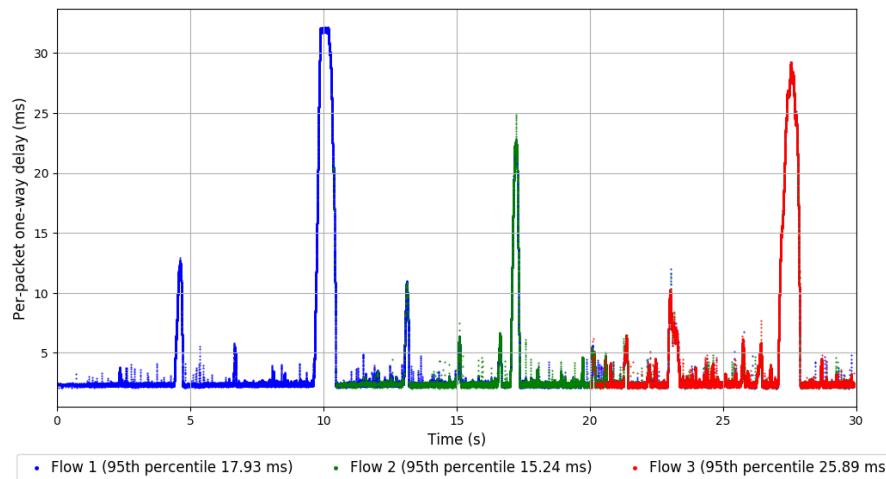
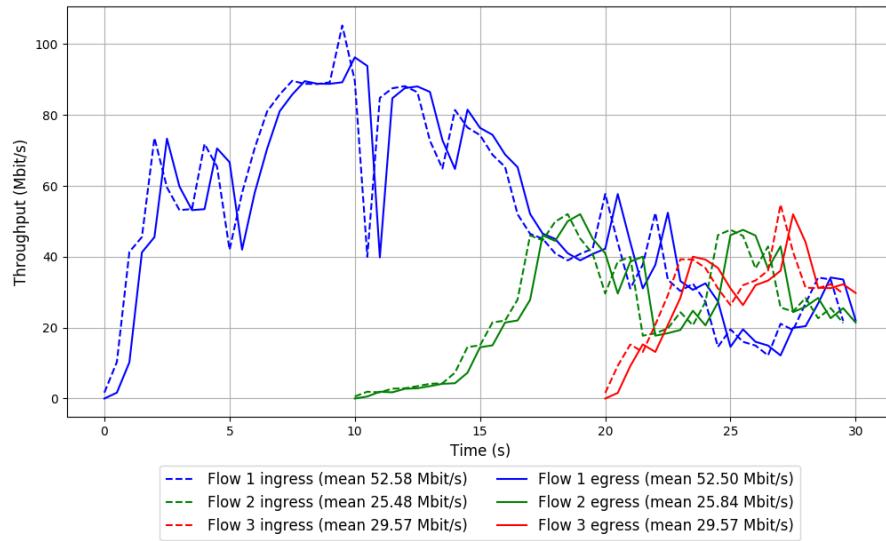


Run 2: Statistics of PCC-Vivace

```
Start at: 2018-07-24 14:48:13
End at: 2018-07-24 14:48:43
Local clock offset: -6.716 ms
Remote clock offset: -1.642 ms

# Below is generated by plot.py at 2018-07-24 18:01:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.20 Mbit/s
95th percentile per-packet one-way delay: 19.840 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 52.50 Mbit/s
95th percentile per-packet one-way delay: 17.927 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 25.84 Mbit/s
95th percentile per-packet one-way delay: 15.239 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.57 Mbit/s
95th percentile per-packet one-way delay: 25.887 ms
Loss rate: 0.00%
```

Run 2: Report of PCC-Vivace — Data Link

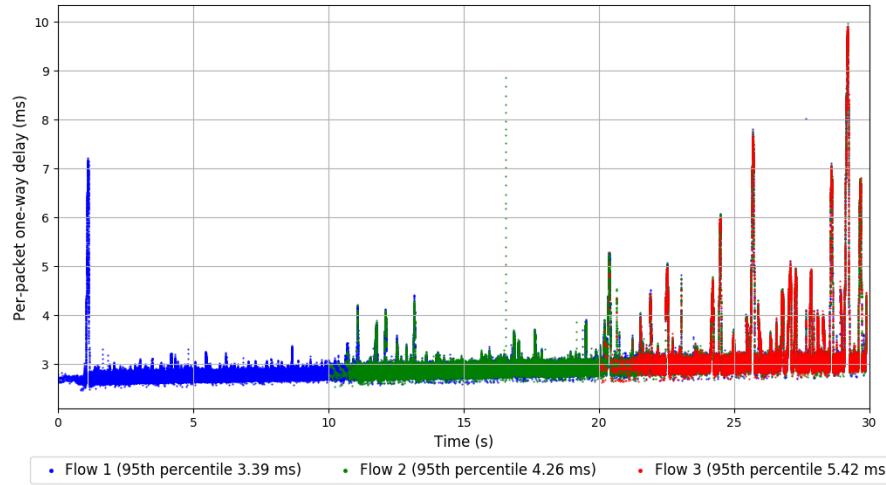
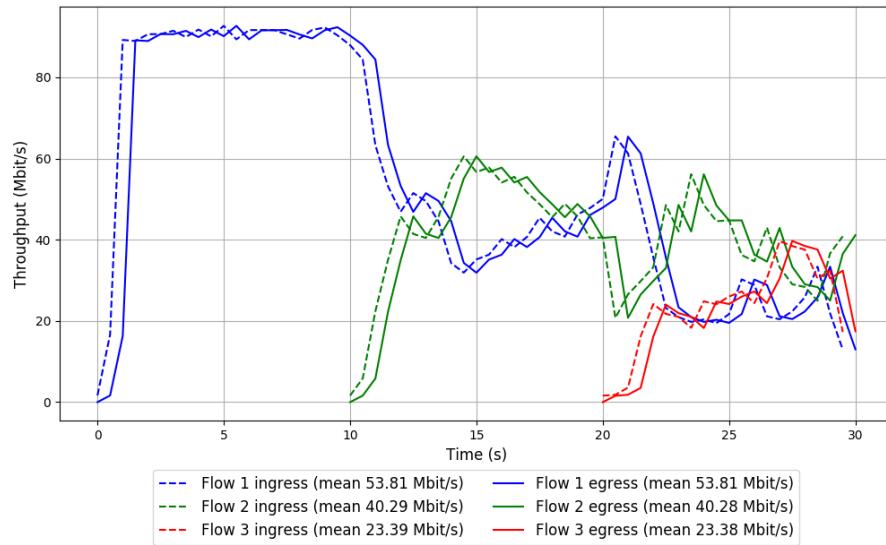


Run 3: Statistics of PCC-Vivace

```
Start at: 2018-07-24 15:07:25
End at: 2018-07-24 15:07:55
Local clock offset: -4.16 ms
Remote clock offset: -7.216 ms

# Below is generated by plot.py at 2018-07-24 18:02:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.32 Mbit/s
95th percentile per-packet one-way delay: 3.979 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.81 Mbit/s
95th percentile per-packet one-way delay: 3.387 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 40.28 Mbit/s
95th percentile per-packet one-way delay: 4.257 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.38 Mbit/s
95th percentile per-packet one-way delay: 5.418 ms
Loss rate: 0.00%
```

Run 3: Report of PCC-Vivace — Data Link

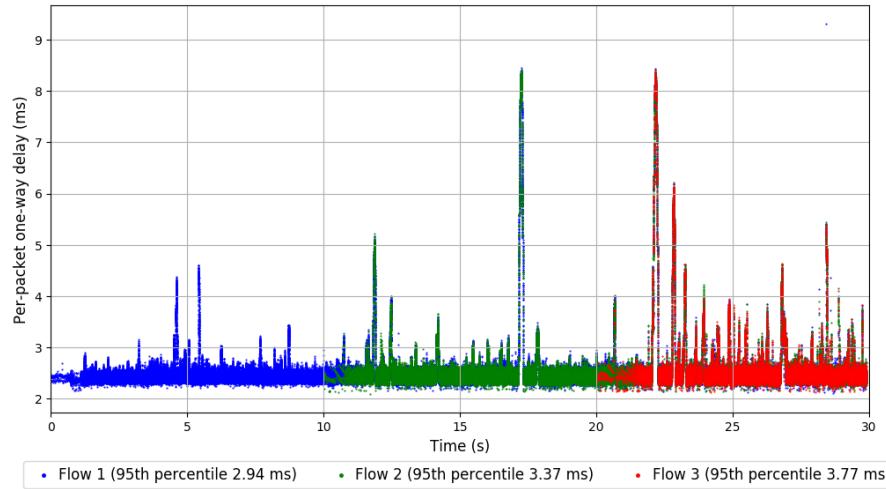
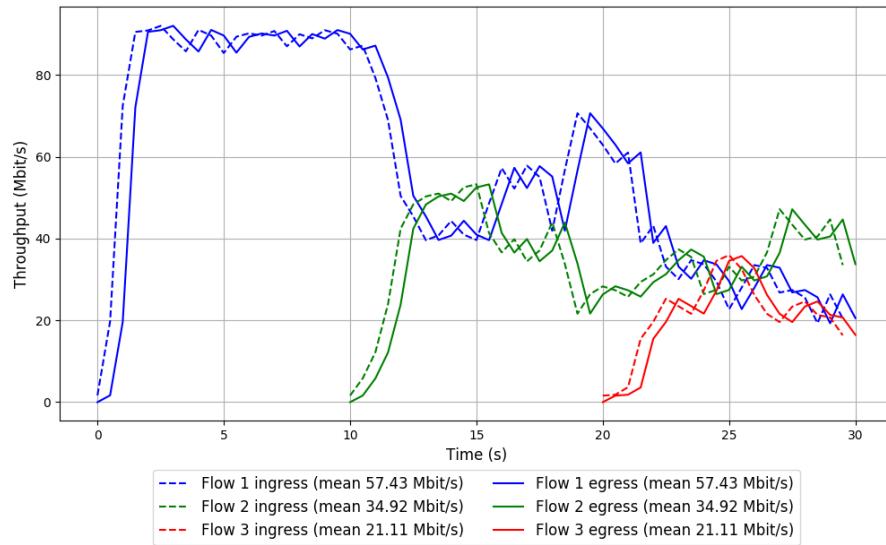


Run 4: Statistics of PCC-Vivace

```
Start at: 2018-07-24 15:26:37
End at: 2018-07-24 15:27:07
Local clock offset: 0.382 ms
Remote clock offset: -8.615 ms

# Below is generated by plot.py at 2018-07-24 18:02:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.63 Mbit/s
95th percentile per-packet one-way delay: 3.131 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.43 Mbit/s
95th percentile per-packet one-way delay: 2.942 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 34.92 Mbit/s
95th percentile per-packet one-way delay: 3.367 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 21.11 Mbit/s
95th percentile per-packet one-way delay: 3.769 ms
Loss rate: 0.00%
```

Run 4: Report of PCC-Vivace — Data Link

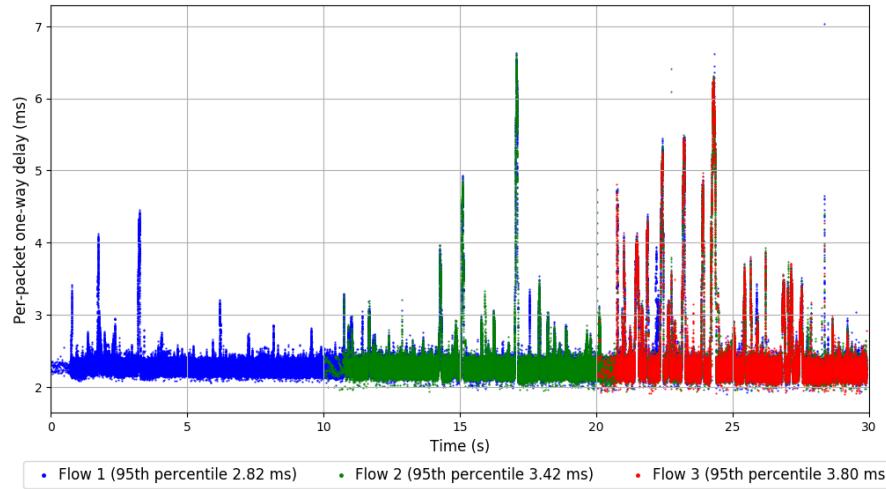
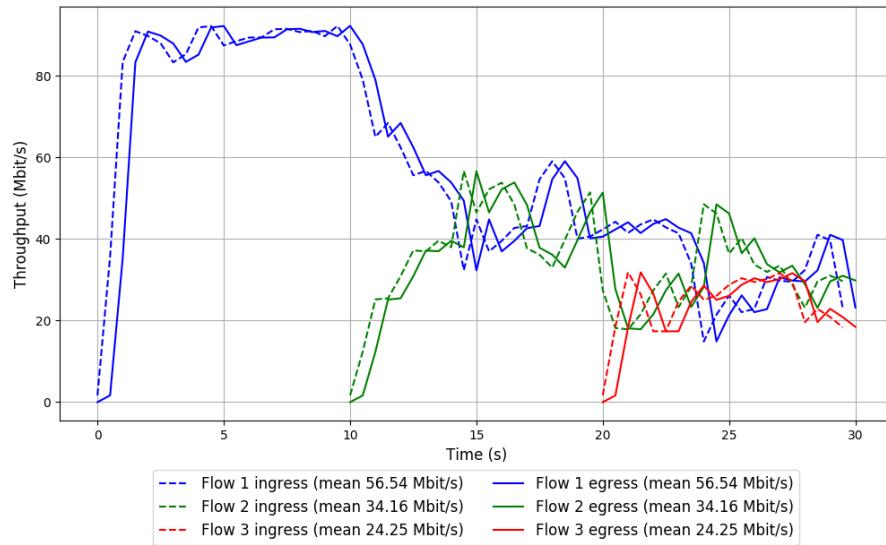


Run 5: Statistics of PCC-Vivace

```
Start at: 2018-07-24 15:45:50
End at: 2018-07-24 15:46:20
Local clock offset: -6.286 ms
Remote clock offset: -8.137 ms

# Below is generated by plot.py at 2018-07-24 18:02:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.29 Mbit/s
95th percentile per-packet one-way delay: 3.091 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.54 Mbit/s
95th percentile per-packet one-way delay: 2.823 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 34.16 Mbit/s
95th percentile per-packet one-way delay: 3.419 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.25 Mbit/s
95th percentile per-packet one-way delay: 3.798 ms
Loss rate: 0.00%
```

Run 5: Report of PCC-Vivace — Data Link

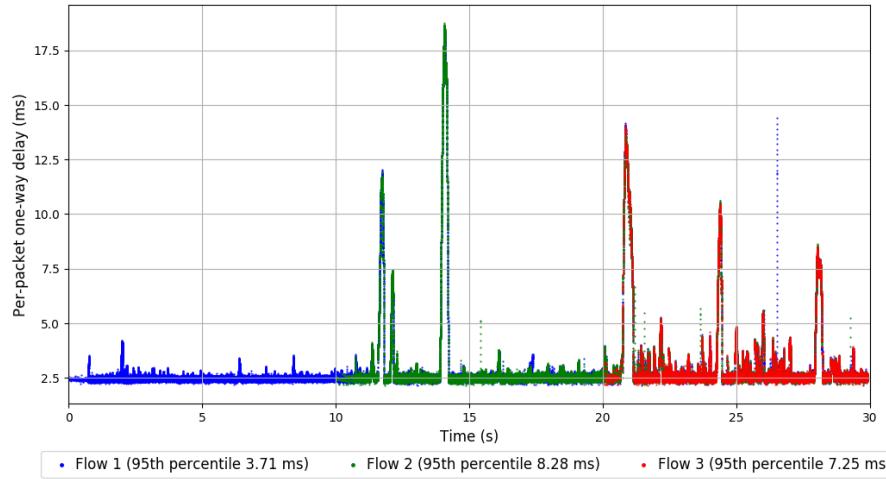
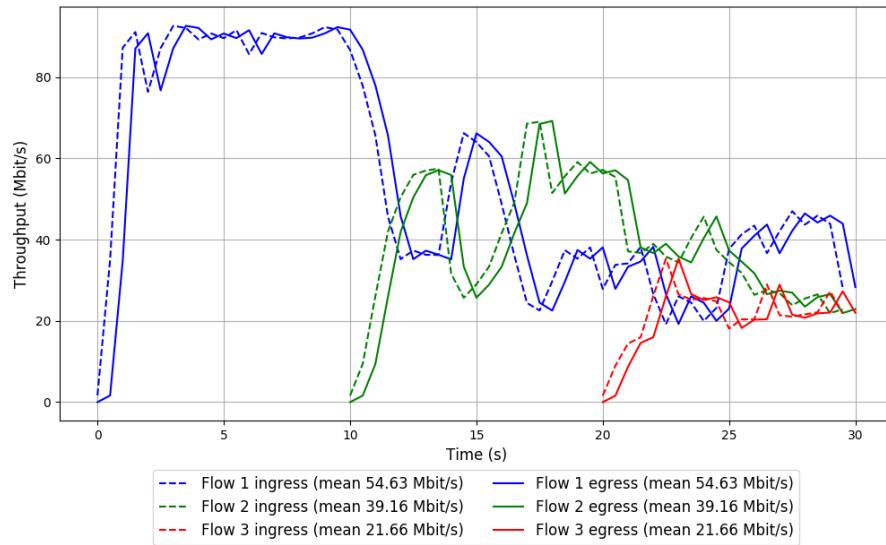


Run 6: Statistics of PCC-Vivace

```
Start at: 2018-07-24 16:05:01
End at: 2018-07-24 16:05:31
Local clock offset: -8.035 ms
Remote clock offset: -7.62 ms

# Below is generated by plot.py at 2018-07-24 18:03:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.83 Mbit/s
95th percentile per-packet one-way delay: 5.181 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 54.63 Mbit/s
95th percentile per-packet one-way delay: 3.705 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.16 Mbit/s
95th percentile per-packet one-way delay: 8.284 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 21.66 Mbit/s
95th percentile per-packet one-way delay: 7.253 ms
Loss rate: 0.00%
```

Run 6: Report of PCC-Vivace — Data Link

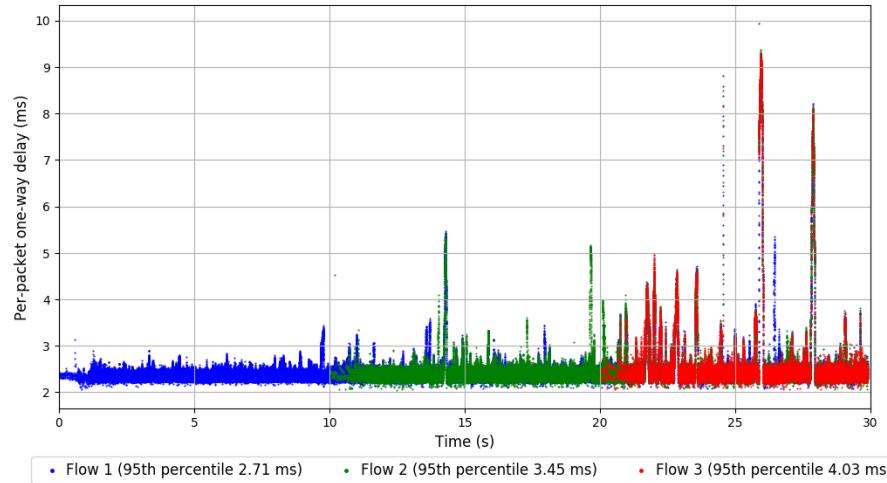
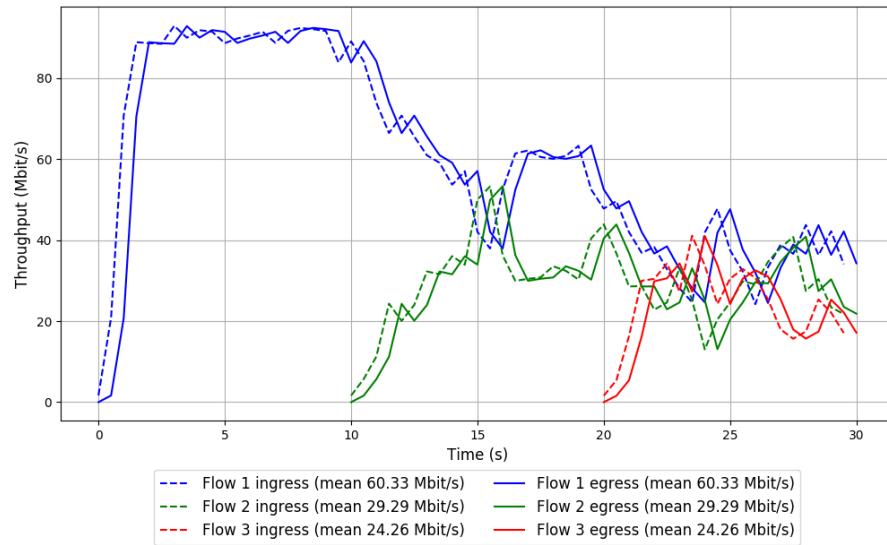


Run 7: Statistics of PCC-Vivace

```
Start at: 2018-07-24 16:24:13
End at: 2018-07-24 16:24:43
Local clock offset: -7.421 ms
Remote clock offset: -7.266 ms

# Below is generated by plot.py at 2018-07-24 18:03:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.82 Mbit/s
95th percentile per-packet one-way delay: 3.010 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.33 Mbit/s
95th percentile per-packet one-way delay: 2.713 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 29.29 Mbit/s
95th percentile per-packet one-way delay: 3.454 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 24.26 Mbit/s
95th percentile per-packet one-way delay: 4.030 ms
Loss rate: 0.00%
```

Run 7: Report of PCC-Vivace — Data Link

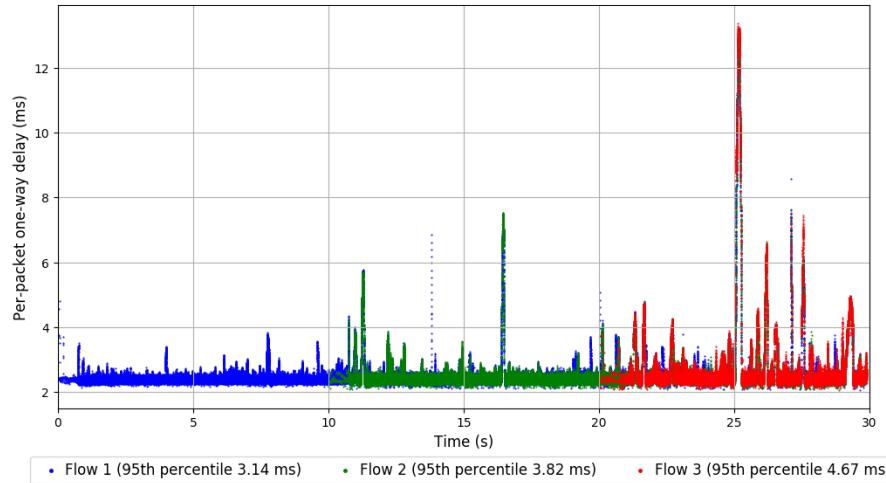
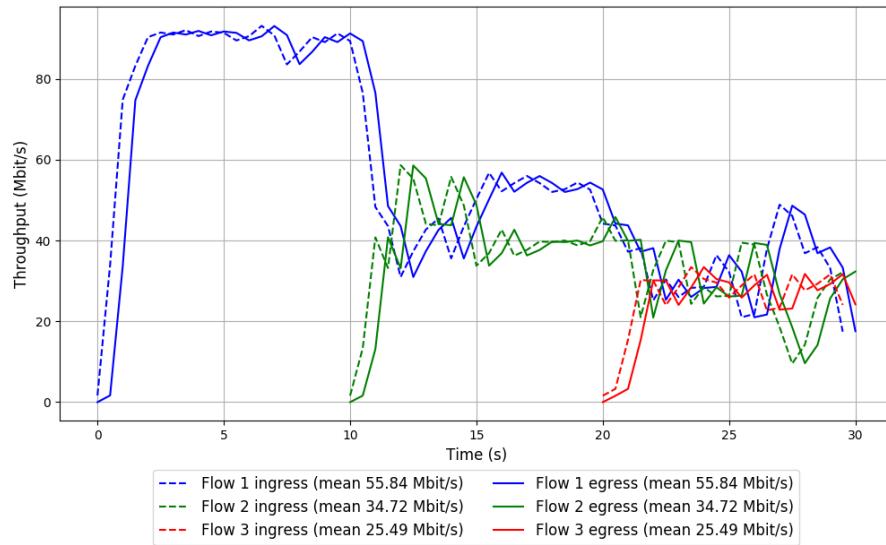


Run 8: Statistics of PCC-Vivace

```
Start at: 2018-07-24 16:43:26
End at: 2018-07-24 16:43:56
Local clock offset: -4.35 ms
Remote clock offset: -3.458 ms

# Below is generated by plot.py at 2018-07-24 18:03:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.35 Mbit/s
95th percentile per-packet one-way delay: 3.584 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.84 Mbit/s
95th percentile per-packet one-way delay: 3.141 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 34.72 Mbit/s
95th percentile per-packet one-way delay: 3.821 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 25.49 Mbit/s
95th percentile per-packet one-way delay: 4.669 ms
Loss rate: 0.00%
```

Run 8: Report of PCC-Vivace — Data Link

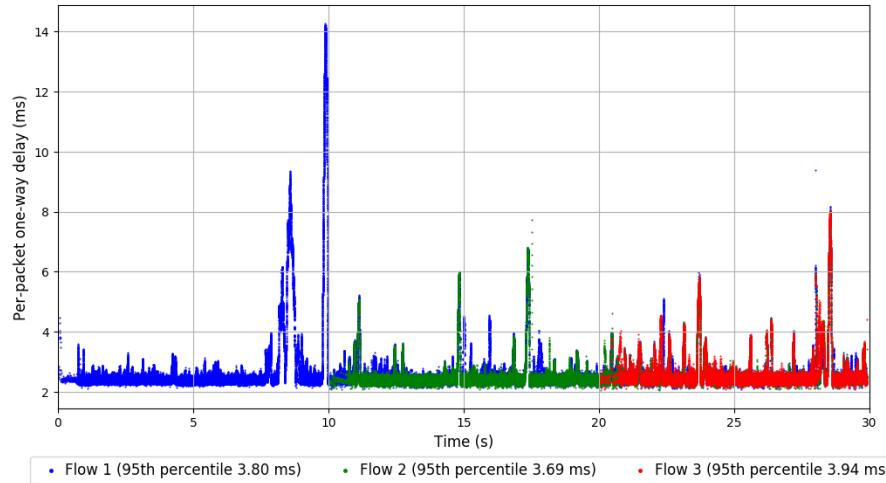
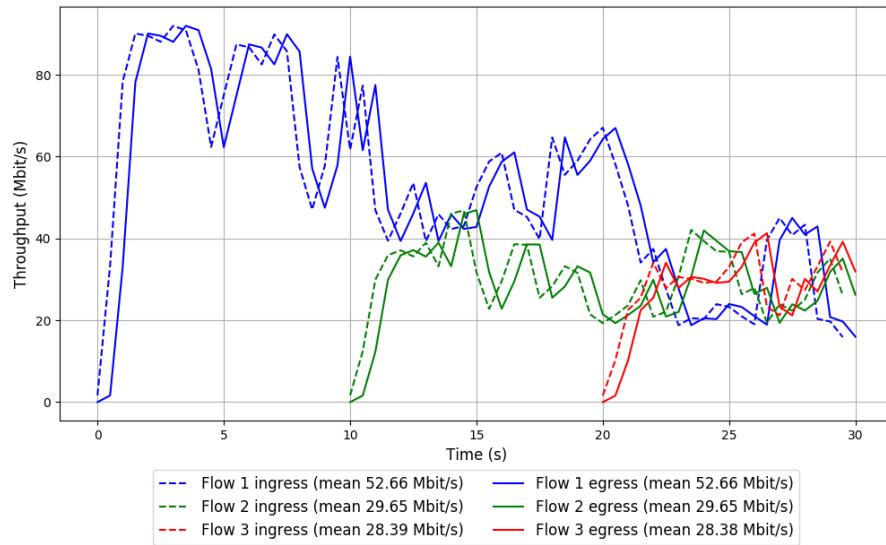


Run 9: Statistics of PCC-Vivace

```
Start at: 2018-07-24 17:02:38
End at: 2018-07-24 17:03:08
Local clock offset: -2.9 ms
Remote clock offset: -1.392 ms

# Below is generated by plot.py at 2018-07-24 18:03:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.75 Mbit/s
95th percentile per-packet one-way delay: 3.798 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 52.66 Mbit/s
95th percentile per-packet one-way delay: 3.796 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 29.65 Mbit/s
95th percentile per-packet one-way delay: 3.692 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 28.38 Mbit/s
95th percentile per-packet one-way delay: 3.939 ms
Loss rate: 0.00%
```

Run 9: Report of PCC-Vivace — Data Link

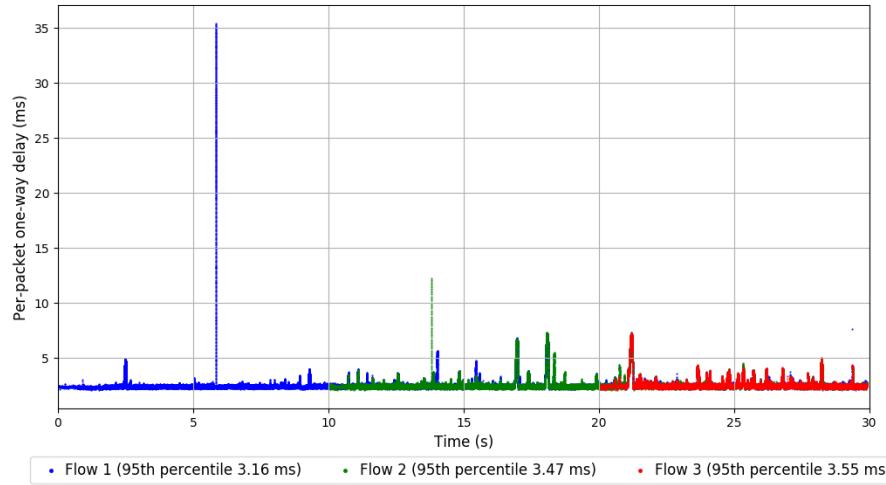
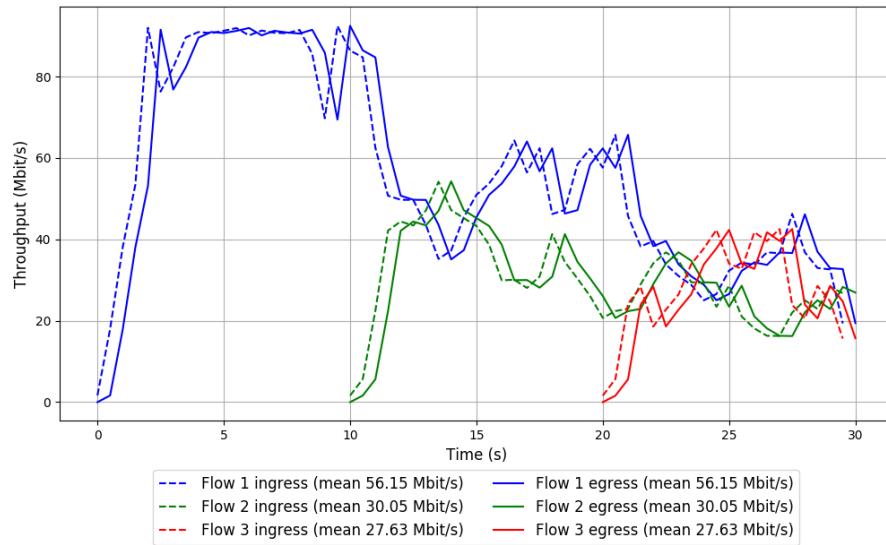


Run 10: Statistics of PCC-Vivace

```
Start at: 2018-07-24 17:21:50
End at: 2018-07-24 17:22:20
Local clock offset: -2.099 ms
Remote clock offset: -1.579 ms

# Below is generated by plot.py at 2018-07-24 18:03:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.26 Mbit/s
95th percentile per-packet one-way delay: 3.325 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.15 Mbit/s
95th percentile per-packet one-way delay: 3.161 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 30.05 Mbit/s
95th percentile per-packet one-way delay: 3.472 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 27.63 Mbit/s
95th percentile per-packet one-way delay: 3.554 ms
Loss rate: 0.00%
```

Run 10: Report of PCC-Vivace — Data Link

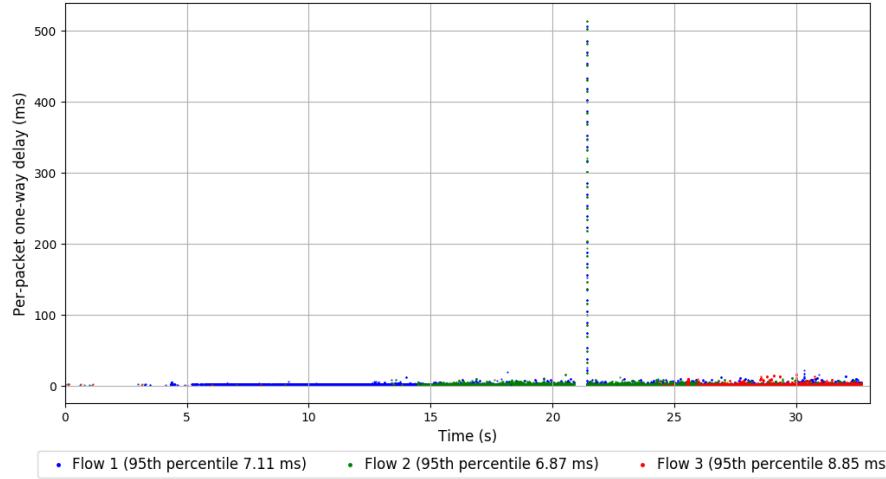
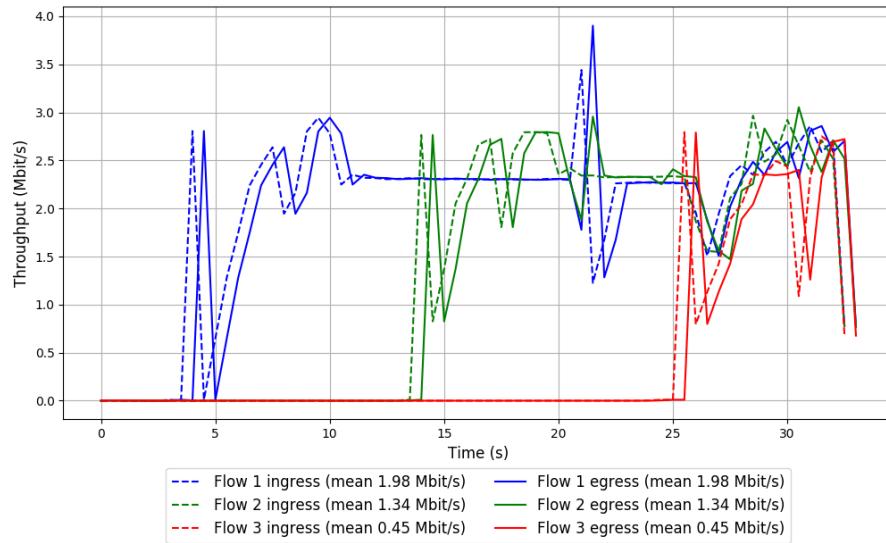


```
Run 1: Statistics of WebRTC media

Start at: 2018-07-24 14:33:30
End at: 2018-07-24 14:34:00
Local clock offset: -2.304 ms
Remote clock offset: -1.81 ms

# Below is generated by plot.py at 2018-07-24 18:03:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.75 Mbit/s
95th percentile per-packet one-way delay: 7.516 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.98 Mbit/s
95th percentile per-packet one-way delay: 7.110 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.34 Mbit/s
95th percentile per-packet one-way delay: 6.869 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 8.850 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

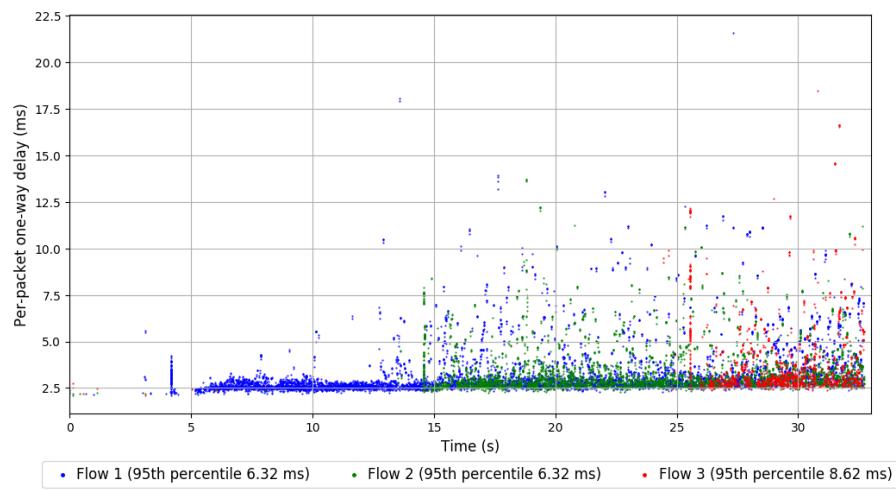
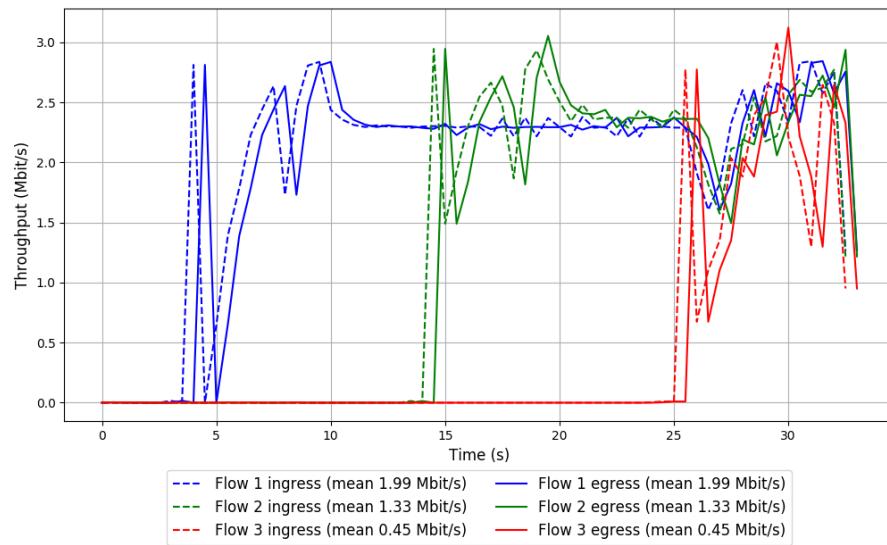


Run 2: Statistics of WebRTC media

```
Start at: 2018-07-24 14:52:43
End at: 2018-07-24 14:53:13
Local clock offset: -7.18 ms
Remote clock offset: -3.255 ms

# Below is generated by plot.py at 2018-07-24 18:03:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.75 Mbit/s
95th percentile per-packet one-way delay: 6.592 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.99 Mbit/s
95th percentile per-packet one-way delay: 6.319 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 6.324 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 8.620 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

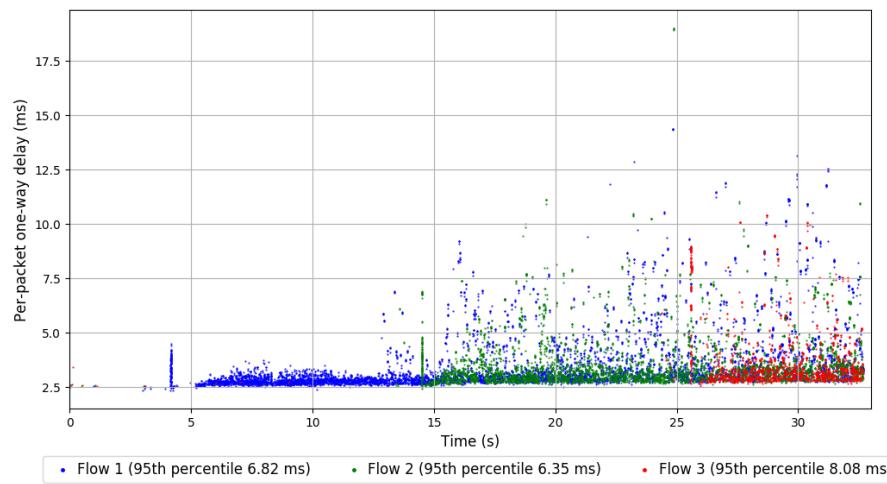
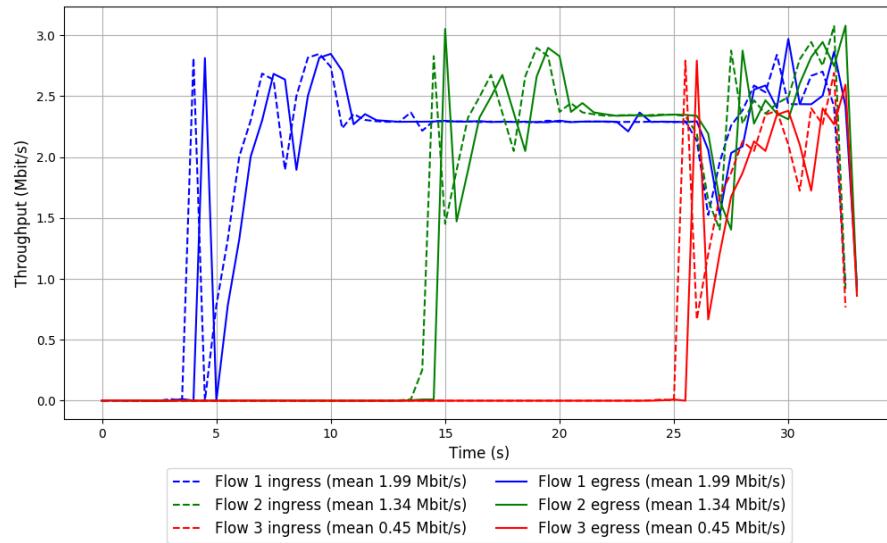


Run 3: Statistics of WebRTC media

```
Start at: 2018-07-24 15:11:55
End at: 2018-07-24 15:12:25
Local clock offset: -2.226 ms
Remote clock offset: -7.791 ms

# Below is generated by plot.py at 2018-07-24 18:03:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.78 Mbit/s
95th percentile per-packet one-way delay: 6.729 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.99 Mbit/s
95th percentile per-packet one-way delay: 6.819 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.34 Mbit/s
95th percentile per-packet one-way delay: 6.353 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 8.077 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

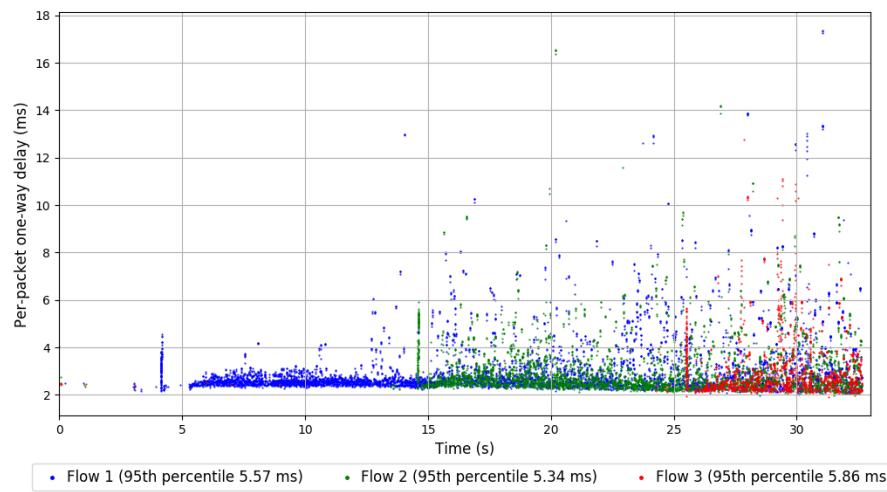
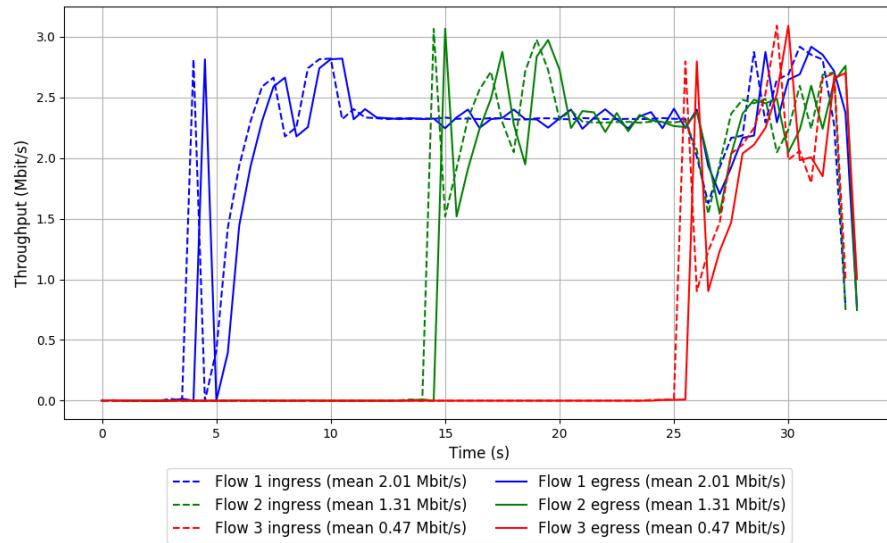


Run 4: Statistics of WebRTC media

```
Start at: 2018-07-24 15:31:07
End at: 2018-07-24 15:31:37
Local clock offset: 0.9 ms
Remote clock offset: -8.152 ms

# Below is generated by plot.py at 2018-07-24 18:03:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.78 Mbit/s
95th percentile per-packet one-way delay: 5.515 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.01 Mbit/s
95th percentile per-packet one-way delay: 5.572 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.31 Mbit/s
95th percentile per-packet one-way delay: 5.336 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 5.857 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

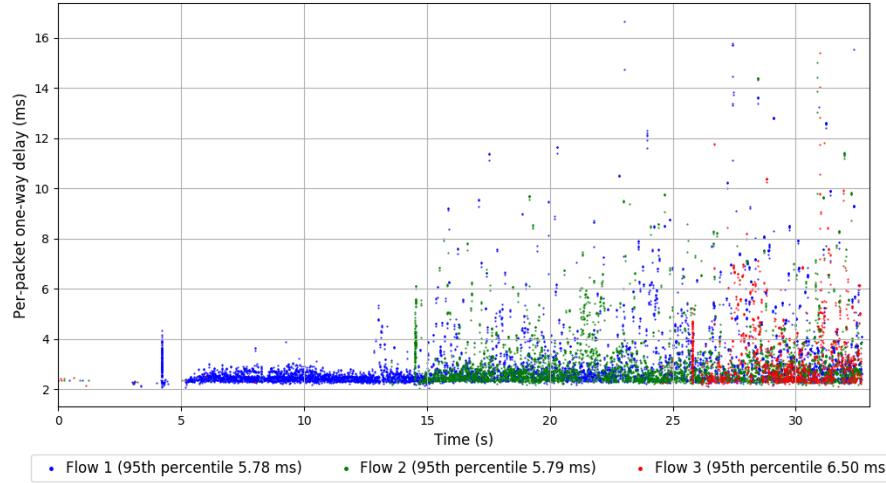
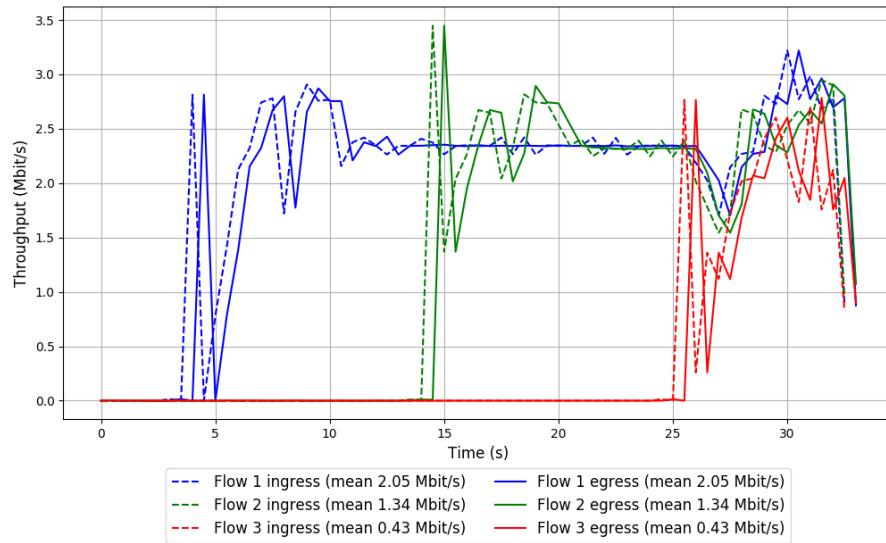


Run 5: Statistics of WebRTC media

```
Start at: 2018-07-24 15:50:20
End at: 2018-07-24 15:50:50
Local clock offset: -7.176 ms
Remote clock offset: -8.315 ms

# Below is generated by plot.py at 2018-07-24 18:03:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.80 Mbit/s
95th percentile per-packet one-way delay: 5.951 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 5.782 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.34 Mbit/s
95th percentile per-packet one-way delay: 5.792 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 6.505 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

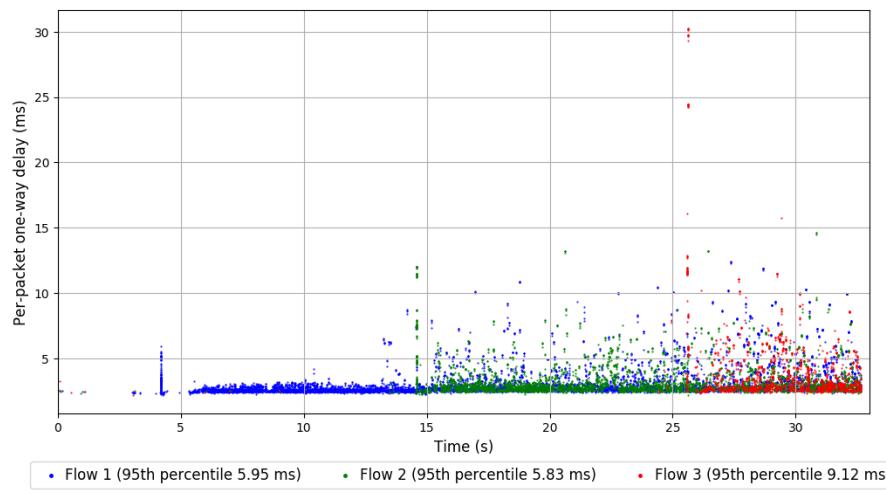
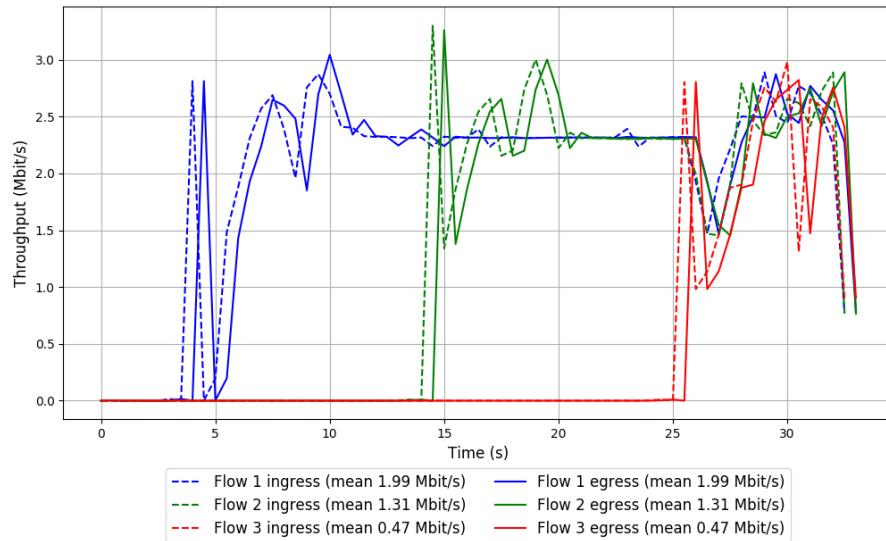


Run 6: Statistics of WebRTC media

```
Start at: 2018-07-24 16:09:31
End at: 2018-07-24 16:10:01
Local clock offset: -7.596 ms
Remote clock offset: -7.318 ms

# Below is generated by plot.py at 2018-07-24 18:03:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.77 Mbit/s
95th percentile per-packet one-way delay: 6.280 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.99 Mbit/s
95th percentile per-packet one-way delay: 5.946 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.31 Mbit/s
95th percentile per-packet one-way delay: 5.825 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 9.123 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link

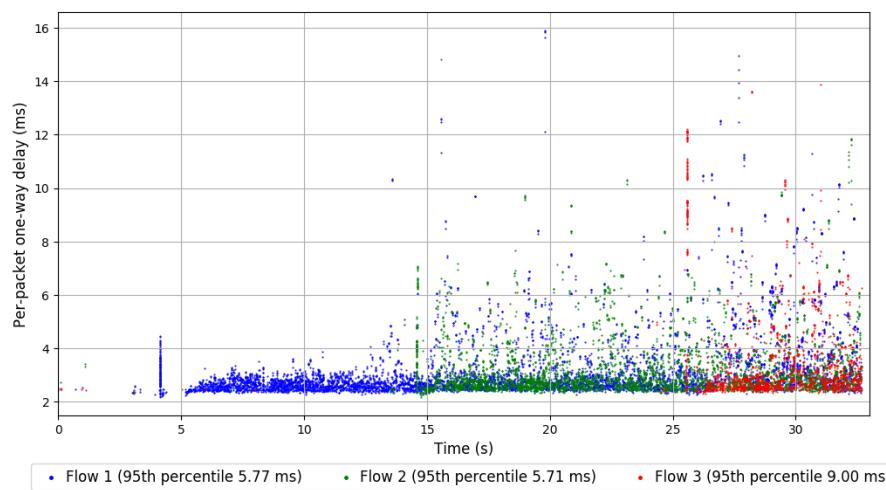
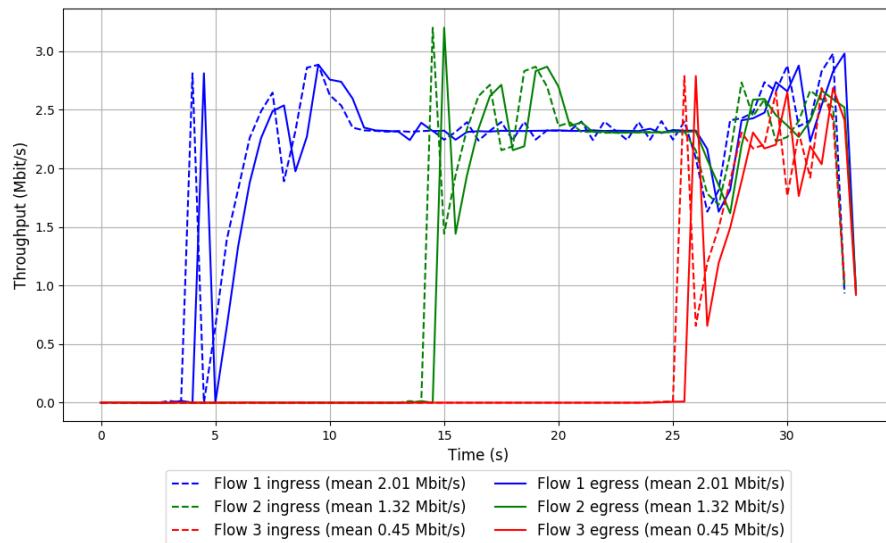


Run 7: Statistics of WebRTC media

```
Start at: 2018-07-24 16:28:44
End at: 2018-07-24 16:29:14
Local clock offset: -7.517 ms
Remote clock offset: -7.307 ms

# Below is generated by plot.py at 2018-07-24 18:03:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.78 Mbit/s
95th percentile per-packet one-way delay: 6.026 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 2.01 Mbit/s
95th percentile per-packet one-way delay: 5.768 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 5.705 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 9.000 ms
Loss rate: 0.36%
```

Run 7: Report of WebRTC media — Data Link

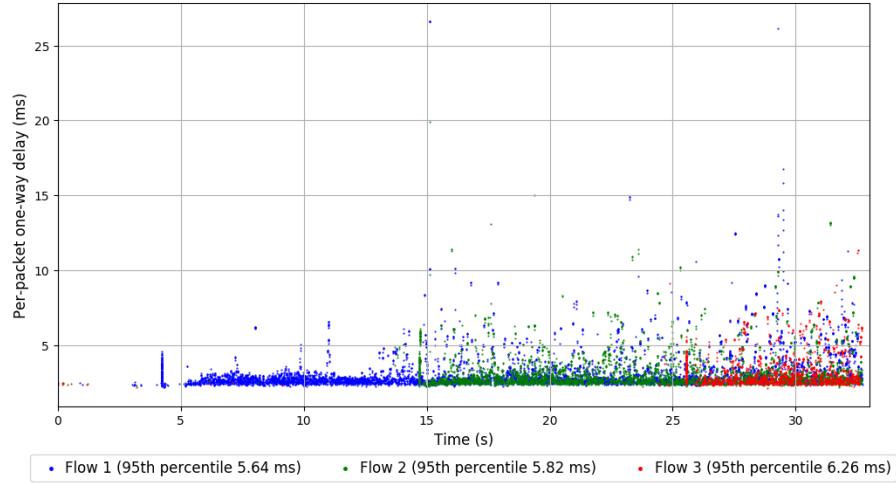
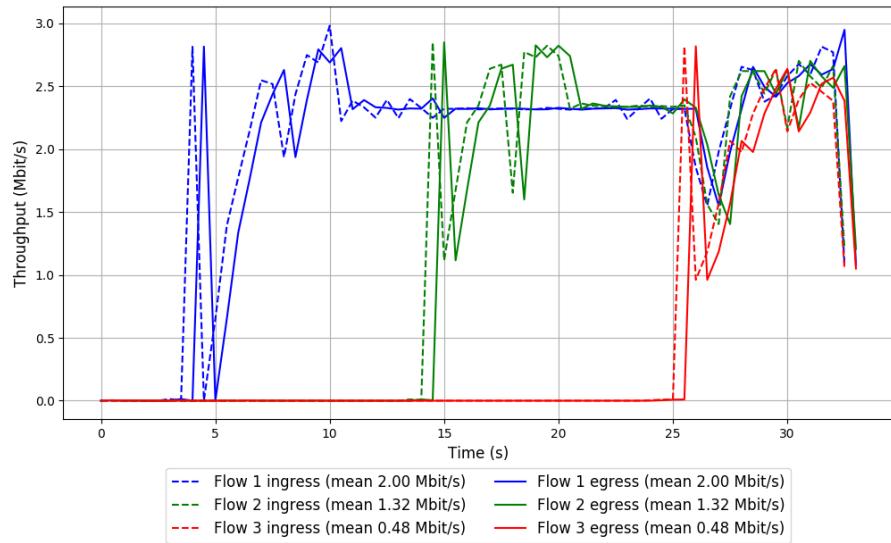


Run 8: Statistics of WebRTC media

```
Start at: 2018-07-24 16:47:56
End at: 2018-07-24 16:48:26
Local clock offset: -3.794 ms
Remote clock offset: -2.725 ms

# Below is generated by plot.py at 2018-07-24 18:03:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.78 Mbit/s
95th percentile per-packet one-way delay: 5.781 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 5.644 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 5.817 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 6.256 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

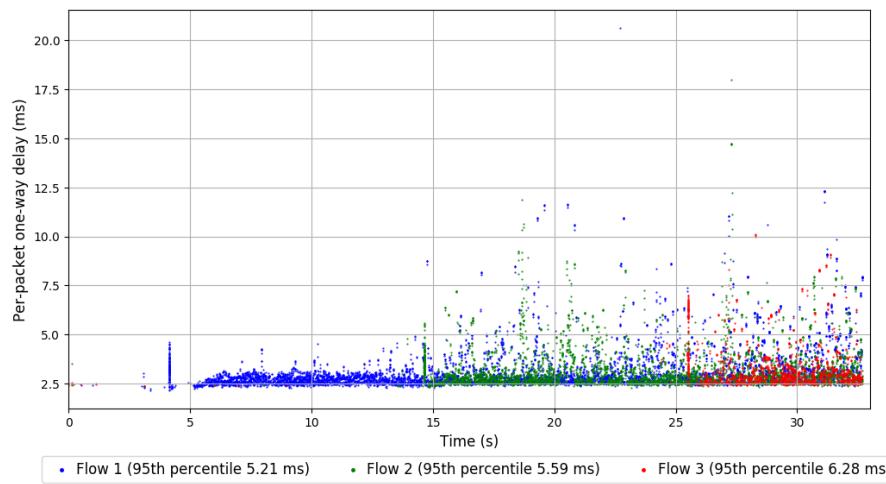
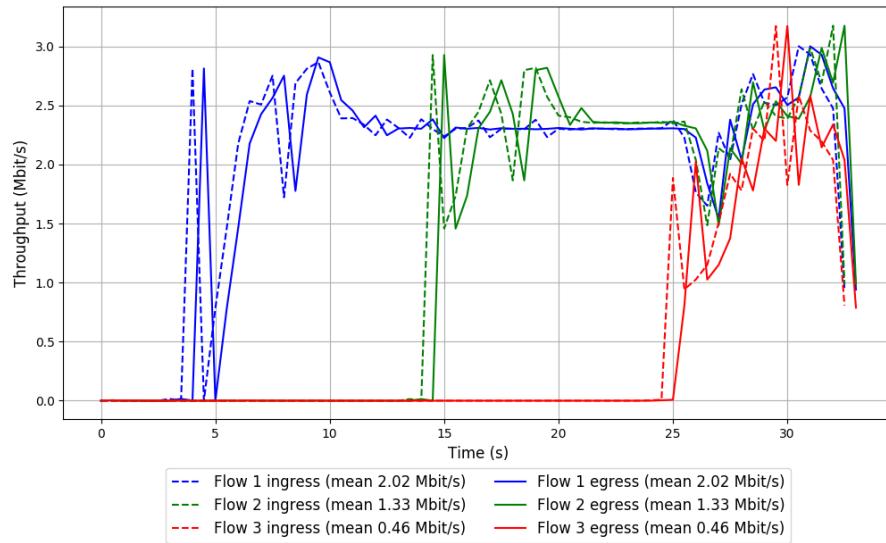


Run 9: Statistics of WebRTC media

```
Start at: 2018-07-24 17:07:08
End at: 2018-07-24 17:07:38
Local clock offset: -2.681 ms
Remote clock offset: -1.275 ms

# Below is generated by plot.py at 2018-07-24 18:03:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.80 Mbit/s
95th percentile per-packet one-way delay: 5.598 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.02 Mbit/s
95th percentile per-packet one-way delay: 5.208 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 5.590 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 6.281 ms
Loss rate: 0.06%
```

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

```
Start at: 2018-07-24 17:26:19
End at: 2018-07-24 17:26:49
Local clock offset: -1.969 ms
Remote clock offset: -1.503 ms

# Below is generated by plot.py at 2018-07-24 18:03:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.78 Mbit/s
95th percentile per-packet one-way delay: 5.723 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.99 Mbit/s
95th percentile per-packet one-way delay: 5.747 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.34 Mbit/s
95th percentile per-packet one-way delay: 5.543 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 6.026 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

