

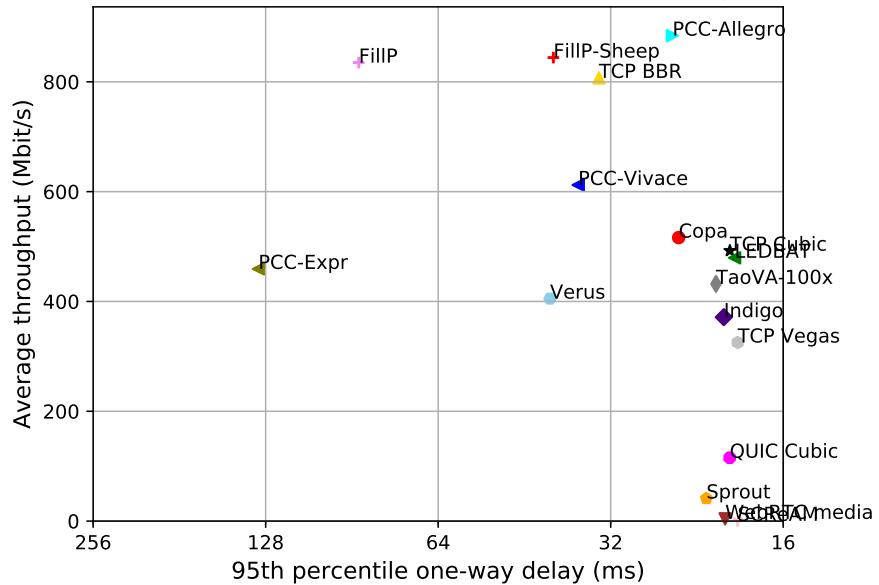
Pantheon Report

Generated at 2018-08-09 15:49:17 (UTC).
Data path: AWS California 1 Ethernet (*local*) → Stanford Ethernet (*remote*).
Repeated the test of 17 congestion control schemes 10 times.
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).
NTP offsets were measured against `time.stanford.edu` and have been applied to correct the timestamps in logs.

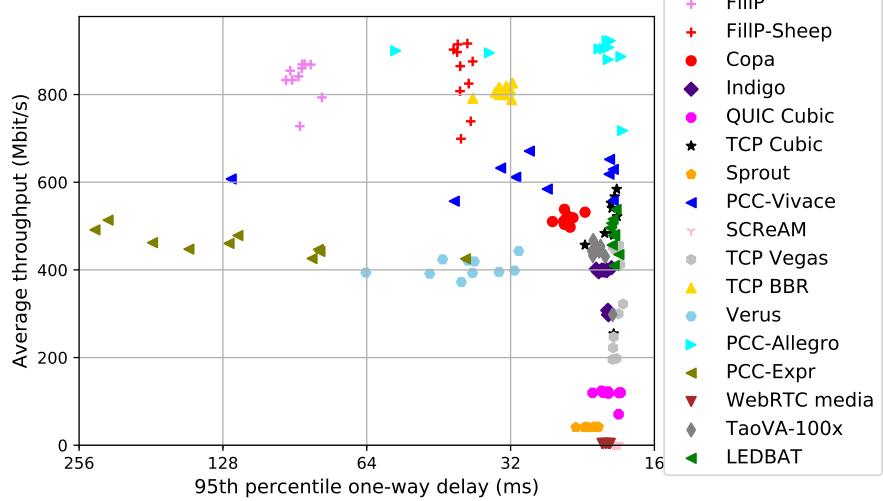
Git summary:

```
branch: master @ 7772df3413f4b07ba0096dfdd8e9d4c6dca623e3
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179aab4a906ce6bb7cf3cf
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 California 1 to Stanford, 10 runs of 30s each per scheme
3 flows with 10s interval between flows (mean of all runs by scheme)



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



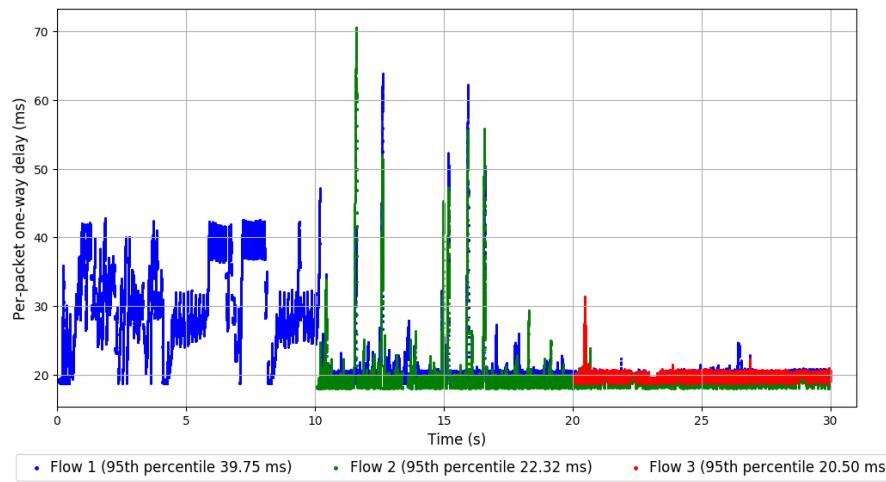
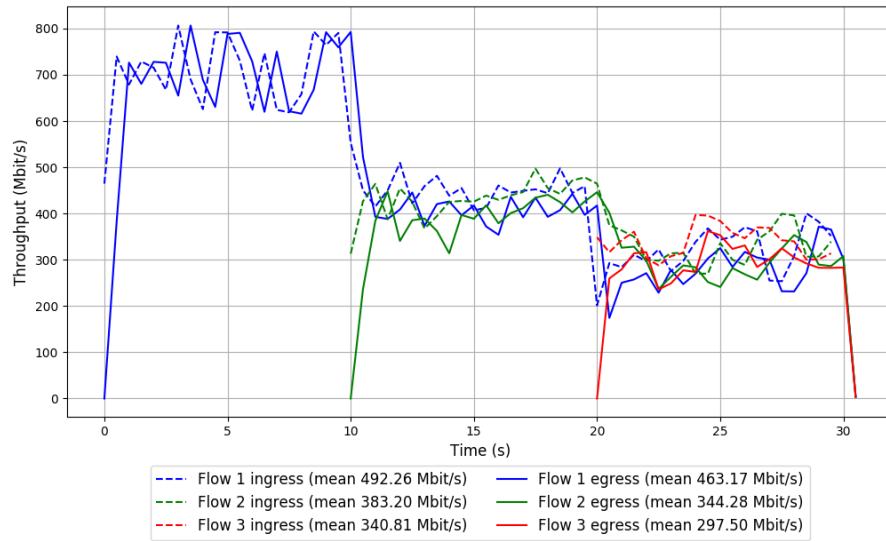
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	468.75	358.84	302.35	34.78	24.35	20.54	5.57	9.66	12.38
Copa		277.65	246.76	223.32	23.54	24.40	26.49	0.11	0.10	0.23
TCP Cubic		290.37	195.49	215.99	19.91	19.12	19.63	0.12	0.14	0.28
FillP		517.64	338.72	276.74	90.07	44.20	53.28	9.66	15.56	17.35
FillP-Sheep		529.06	334.78	280.18	39.70	43.40	40.18	13.86	23.10	26.56
Indigo		173.84	202.32	194.56	20.04	20.20	20.78	0.03	0.01	0.01
LEDBAT		278.89	227.14	149.31	19.45	19.28	19.16	0.03	0.04	0.11
PCC-Allegro		706.38	222.53	90.17	26.66	19.69	19.88	0.64	0.55	0.63
PCC-Expr		268.97	237.99	96.97	131.85	127.85	40.46	1.22	1.48	0.13
QUIC Cubic		59.28	59.21	51.03	19.50	19.78	21.12	0.04	0.03	0.01
SCReAM		0.22	0.22	0.21	18.69	18.55	18.92	0.06	0.10	0.14
Sprout		20.48	20.96	20.68	21.90	21.54	21.60	0.18	0.18	0.22
TaoVA-100x		220.89	226.46	181.33	20.25	21.02	22.39	0.05	0.05	0.21
TCP Vegas		186.41	116.07	184.87	18.92	19.18	19.21	0.10	0.17	0.21
Verus		209.37	214.71	159.98	39.83	43.22	34.29	22.29	23.51	26.15
PCC-Vivace		364.41	317.10	111.52	28.17	39.69	40.18	0.26	0.37	1.48
WebRTC media		2.07	1.38	0.56	20.25	20.08	20.26	0.07	0.10	0.08

Run 1: Statistics of TCP BBR

```
Start at: 2018-08-09 09:00:34
End at: 2018-08-09 09:01:04
Local clock offset: 3.124 ms
Remote clock offset: 1.607 ms

# Below is generated by plot.py at 2018-08-09 13:43:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 791.48 Mbit/s
95th percentile per-packet one-way delay: 38.389 ms
Loss rate: 8.06%
-- Flow 1:
Average throughput: 463.17 Mbit/s
95th percentile per-packet one-way delay: 39.750 ms
Loss rate: 5.91%
-- Flow 2:
Average throughput: 344.28 Mbit/s
95th percentile per-packet one-way delay: 22.319 ms
Loss rate: 10.15%
-- Flow 3:
Average throughput: 297.50 Mbit/s
95th percentile per-packet one-way delay: 20.498 ms
Loss rate: 12.70%
```

Run 1: Report of TCP BBR — Data Link

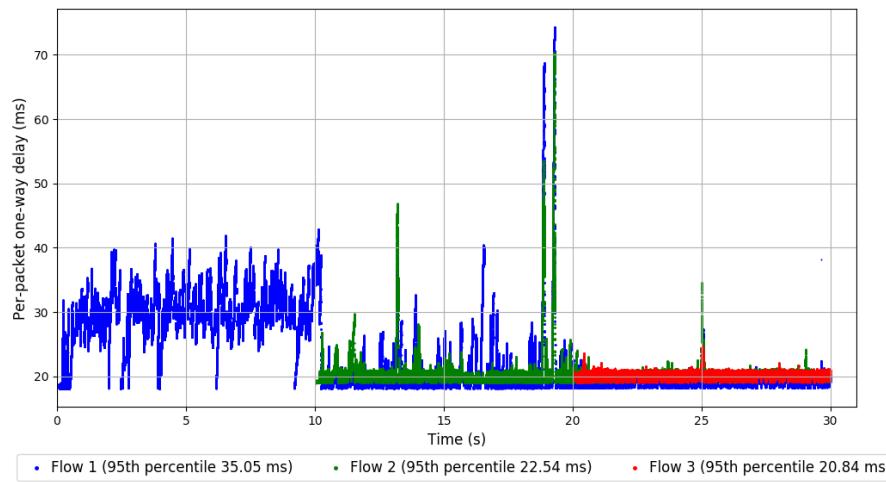
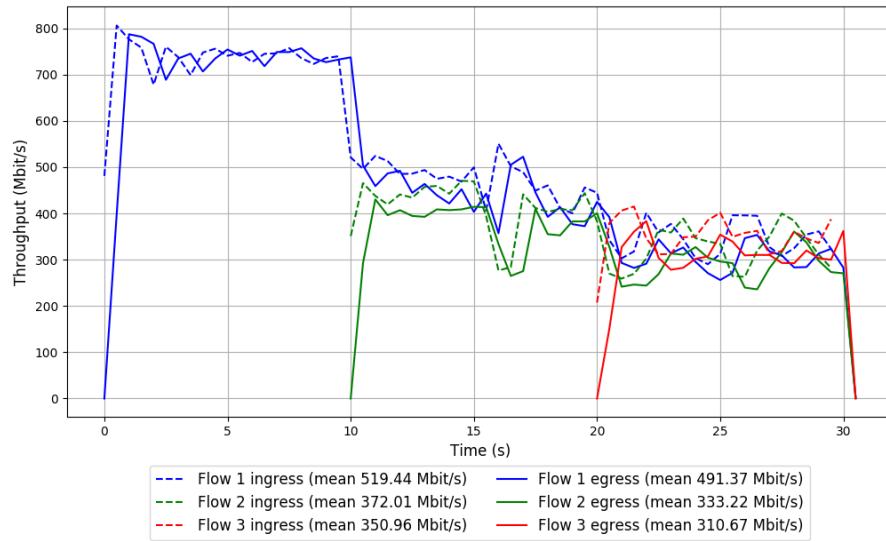


Run 2: Statistics of TCP BBR

```
Start at: 2018-08-09 09:28:04
End at: 2018-08-09 09:28:34
Local clock offset: 7.606 ms
Remote clock offset: 3.905 ms

# Below is generated by plot.py at 2018-08-09 13:44:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 816.56 Mbit/s
95th percentile per-packet one-way delay: 33.785 ms
Loss rate: 7.61%
-- Flow 1:
Average throughput: 491.37 Mbit/s
95th percentile per-packet one-way delay: 35.051 ms
Loss rate: 5.40%
-- Flow 2:
Average throughput: 333.22 Mbit/s
95th percentile per-packet one-way delay: 22.542 ms
Loss rate: 10.42%
-- Flow 3:
Average throughput: 310.67 Mbit/s
95th percentile per-packet one-way delay: 20.839 ms
Loss rate: 11.49%
```

Run 2: Report of TCP BBR — Data Link

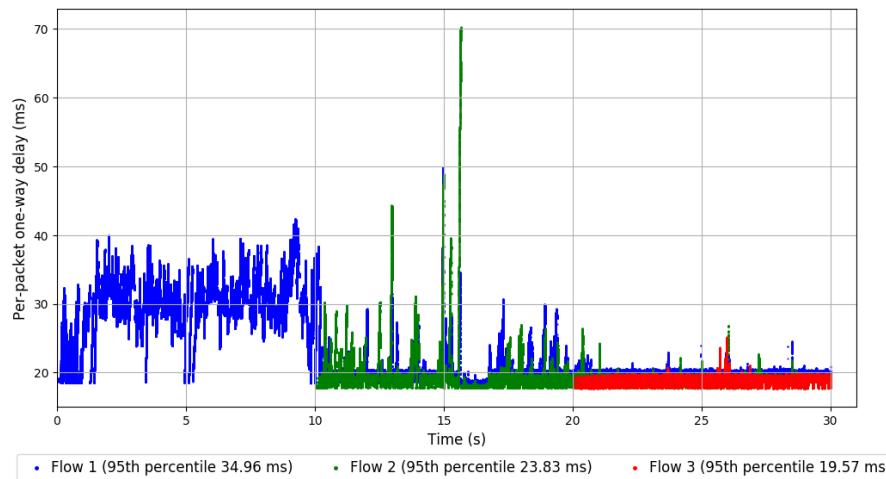
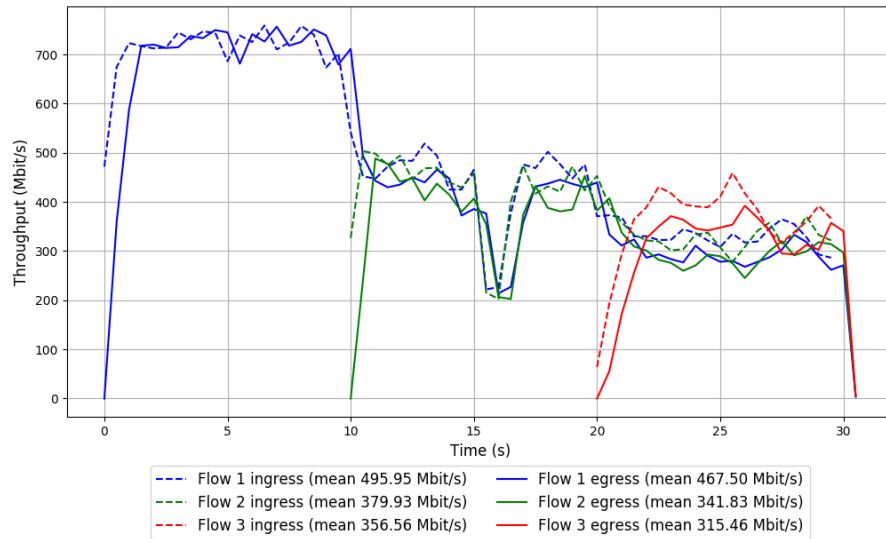


Run 3: Statistics of TCP BBR

```
Start at: 2018-08-09 09:55:31
End at: 2018-08-09 09:56:01
Local clock offset: 5.11 ms
Remote clock offset: 3.313 ms

# Below is generated by plot.py at 2018-08-09 13:44:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 800.11 Mbit/s
95th percentile per-packet one-way delay: 33.787 ms
Loss rate: 7.78%
-- Flow 1:
Average throughput: 467.50 Mbit/s
95th percentile per-packet one-way delay: 34.962 ms
Loss rate: 5.73%
-- Flow 2:
Average throughput: 341.83 Mbit/s
95th percentile per-packet one-way delay: 23.827 ms
Loss rate: 10.02%
-- Flow 3:
Average throughput: 315.46 Mbit/s
95th percentile per-packet one-way delay: 19.570 ms
Loss rate: 11.53%
```

Run 3: Report of TCP BBR — Data Link

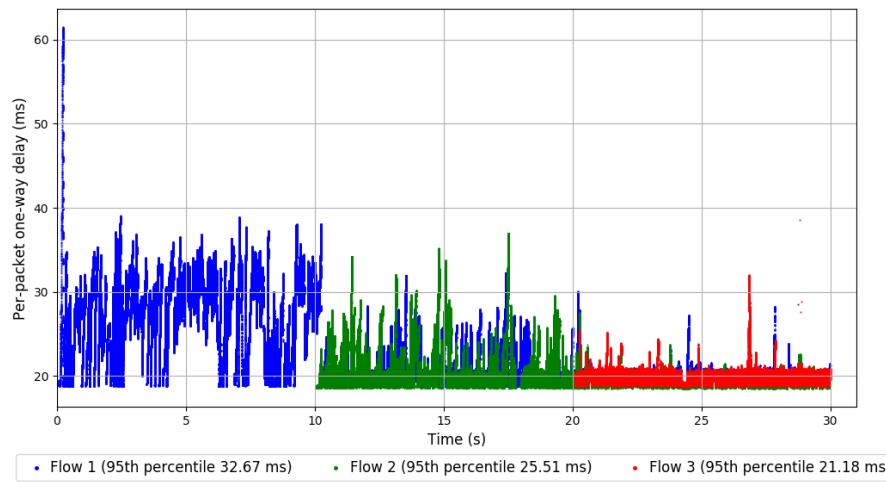
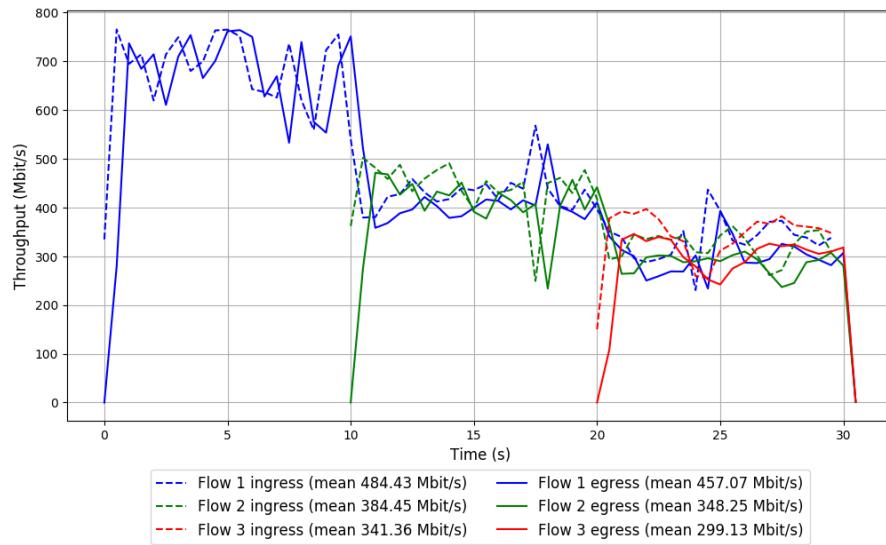


Run 4: Statistics of TCP BBR

```
Start at: 2018-08-09 10:23:04
End at: 2018-08-09 10:23:34
Local clock offset: 0.987 ms
Remote clock offset: 0.606 ms

# Below is generated by plot.py at 2018-08-09 13:44:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 788.44 Mbit/s
95th percentile per-packet one-way delay: 31.836 ms
Loss rate: 7.67%
-- Flow 1:
Average throughput: 457.07 Mbit/s
95th percentile per-packet one-way delay: 32.672 ms
Loss rate: 5.64%
-- Flow 2:
Average throughput: 348.25 Mbit/s
95th percentile per-packet one-way delay: 25.509 ms
Loss rate: 9.41%
-- Flow 3:
Average throughput: 299.13 Mbit/s
95th percentile per-packet one-way delay: 21.175 ms
Loss rate: 12.37%
```

Run 4: Report of TCP BBR — Data Link

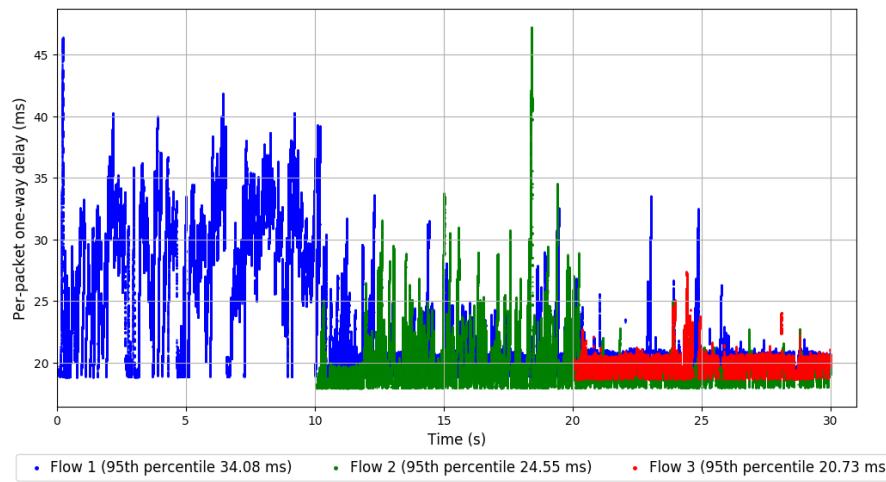
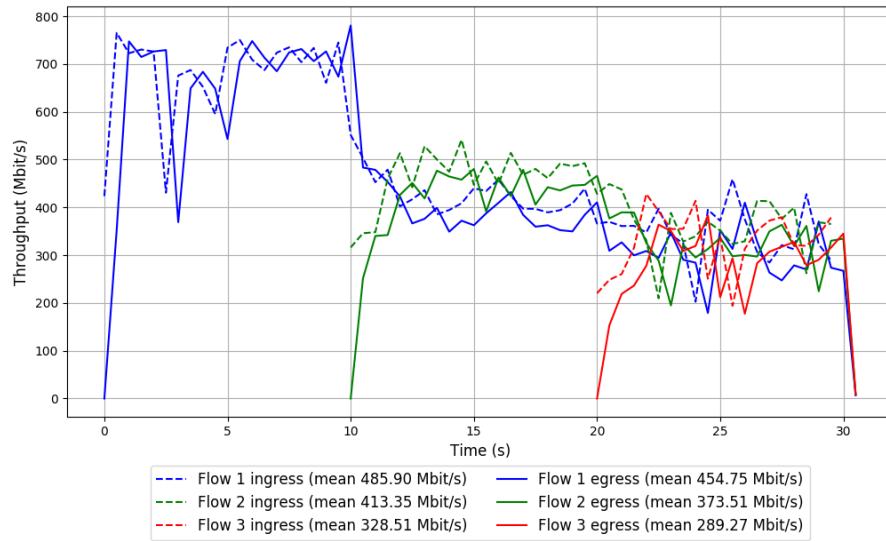


Run 5: Statistics of TCP BBR

```
Start at: 2018-08-09 10:50:31
End at: 2018-08-09 10:51:01
Local clock offset: -0.835 ms
Remote clock offset: -0.504 ms

# Below is generated by plot.py at 2018-08-09 13:44:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 799.79 Mbit/s
95th percentile per-packet one-way delay: 32.899 ms
Loss rate: 8.12%
-- Flow 1:
Average throughput: 454.75 Mbit/s
95th percentile per-packet one-way delay: 34.076 ms
Loss rate: 6.41%
-- Flow 2:
Average throughput: 373.51 Mbit/s
95th percentile per-packet one-way delay: 24.548 ms
Loss rate: 9.63%
-- Flow 3:
Average throughput: 289.27 Mbit/s
95th percentile per-packet one-way delay: 20.731 ms
Loss rate: 11.94%
```

Run 5: Report of TCP BBR — Data Link

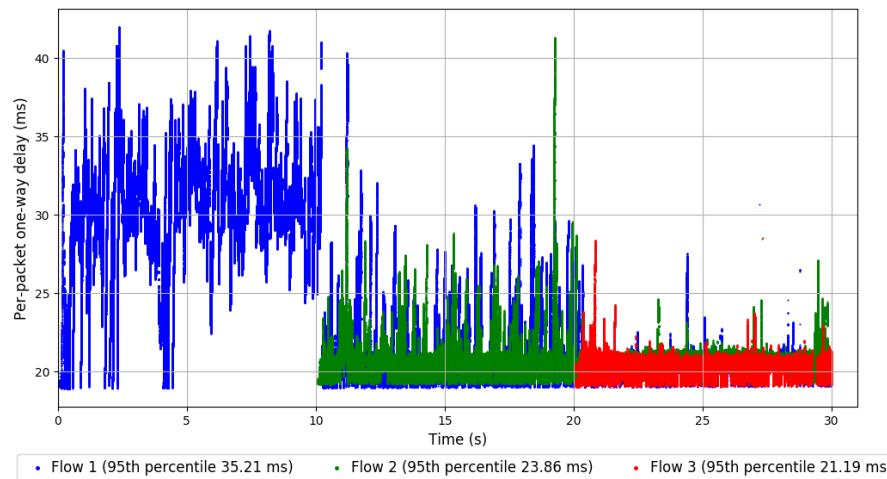
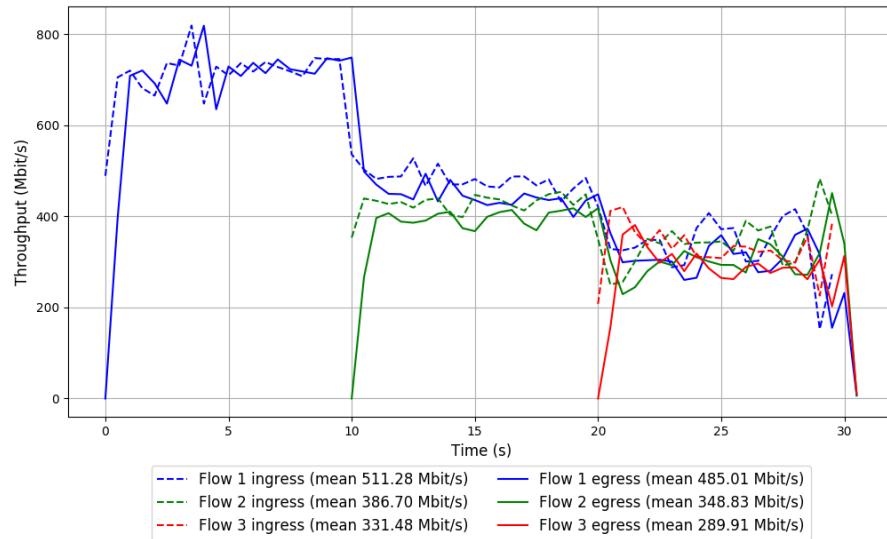


Run 6: Statistics of TCP BBR

```
Start at: 2018-08-09 11:18:13
End at: 2018-08-09 11:18:43
Local clock offset: 0.075 ms
Remote clock offset: 0.075 ms

# Below is generated by plot.py at 2018-08-09 13:44:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 813.90 Mbit/s
95th percentile per-packet one-way delay: 33.922 ms
Loss rate: 7.43%
-- Flow 1:
Average throughput: 485.01 Mbit/s
95th percentile per-packet one-way delay: 35.210 ms
Loss rate: 5.13%
-- Flow 2:
Average throughput: 348.83 Mbit/s
95th percentile per-packet one-way delay: 23.858 ms
Loss rate: 9.79%
-- Flow 3:
Average throughput: 289.91 Mbit/s
95th percentile per-packet one-way delay: 21.190 ms
Loss rate: 12.53%
```

Run 6: Report of TCP BBR — Data Link

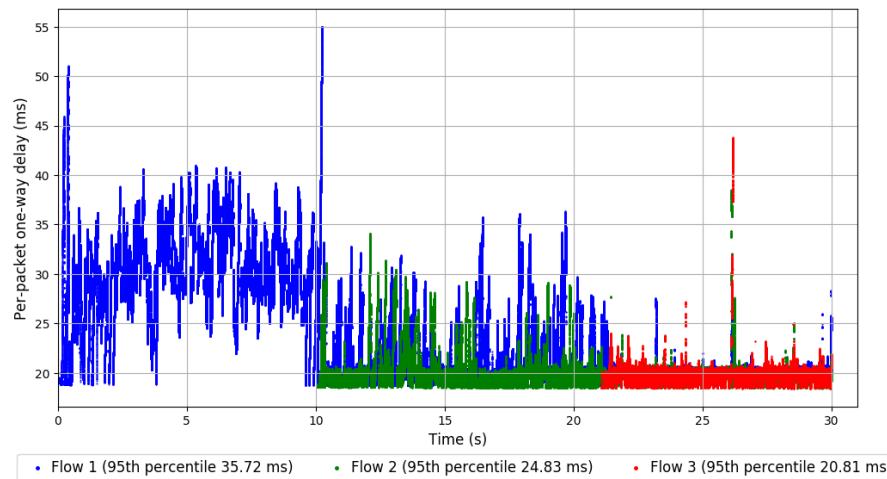
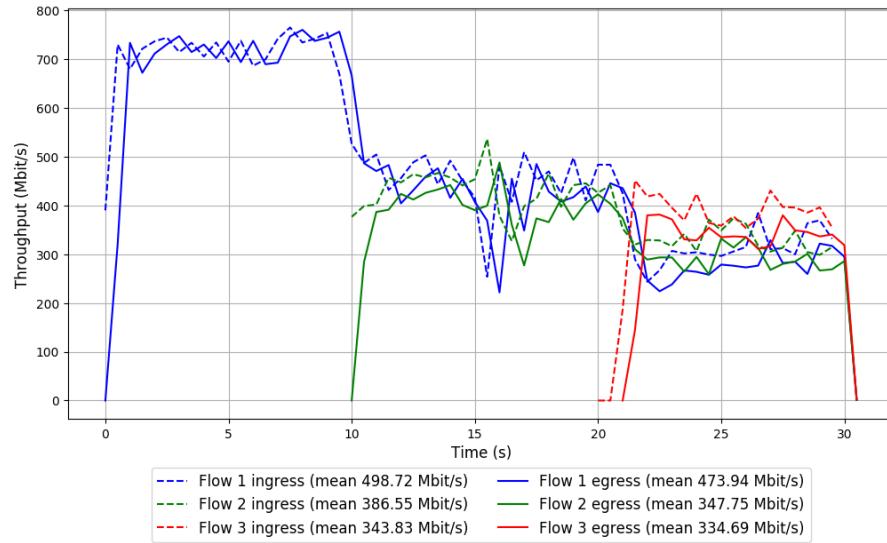


Run 7: Statistics of TCP BBR

```
Start at: 2018-08-09 11:45:36
End at: 2018-08-09 11:46:06
Local clock offset: 3.579 ms
Remote clock offset: 0.273 ms

# Below is generated by plot.py at 2018-08-09 13:44:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 805.55 Mbit/s
95th percentile per-packet one-way delay: 34.426 ms
Loss rate: 7.46%
-- Flow 1:
Average throughput: 473.94 Mbit/s
95th percentile per-packet one-way delay: 35.718 ms
Loss rate: 4.97%
-- Flow 2:
Average throughput: 347.75 Mbit/s
95th percentile per-packet one-way delay: 24.832 ms
Loss rate: 10.03%
-- Flow 3:
Average throughput: 334.69 Mbit/s
95th percentile per-packet one-way delay: 20.811 ms
Loss rate: 12.54%
```

Run 7: Report of TCP BBR — Data Link

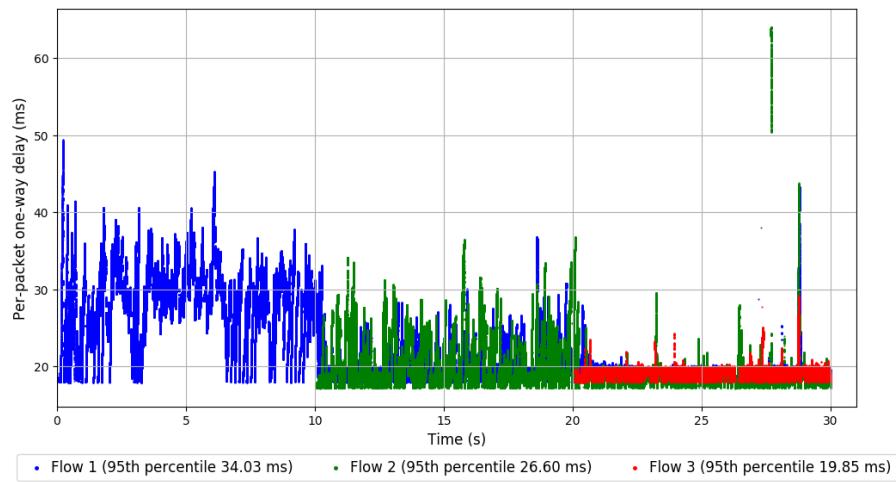
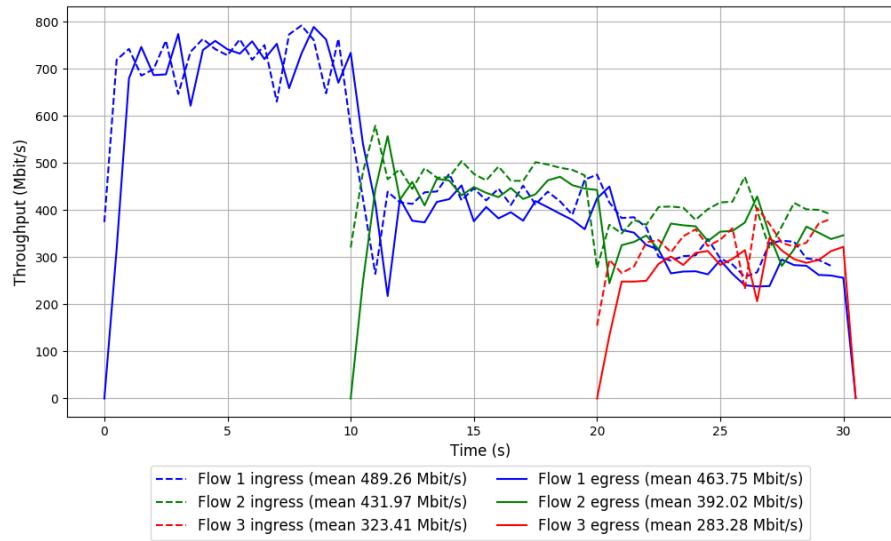


Run 8: Statistics of TCP BBR

```
Start at: 2018-08-09 12:13:13
End at: 2018-08-09 12:13:43
Local clock offset: -0.284 ms
Remote clock offset: -0.431 ms

# Below is generated by plot.py at 2018-08-09 13:44:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 818.97 Mbit/s
95th percentile per-packet one-way delay: 32.673 ms
Loss rate: 7.40%
-- Flow 1:
Average throughput: 463.75 Mbit/s
95th percentile per-packet one-way delay: 34.029 ms
Loss rate: 5.21%
-- Flow 2:
Average throughput: 392.02 Mbit/s
95th percentile per-packet one-way delay: 26.598 ms
Loss rate: 9.25%
-- Flow 3:
Average throughput: 283.28 Mbit/s
95th percentile per-packet one-way delay: 19.846 ms
Loss rate: 12.42%
```

Run 8: Report of TCP BBR — Data Link

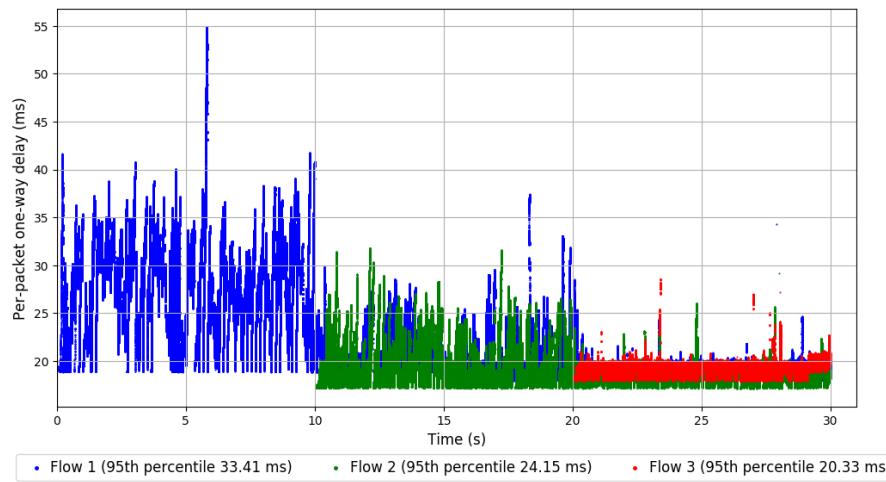
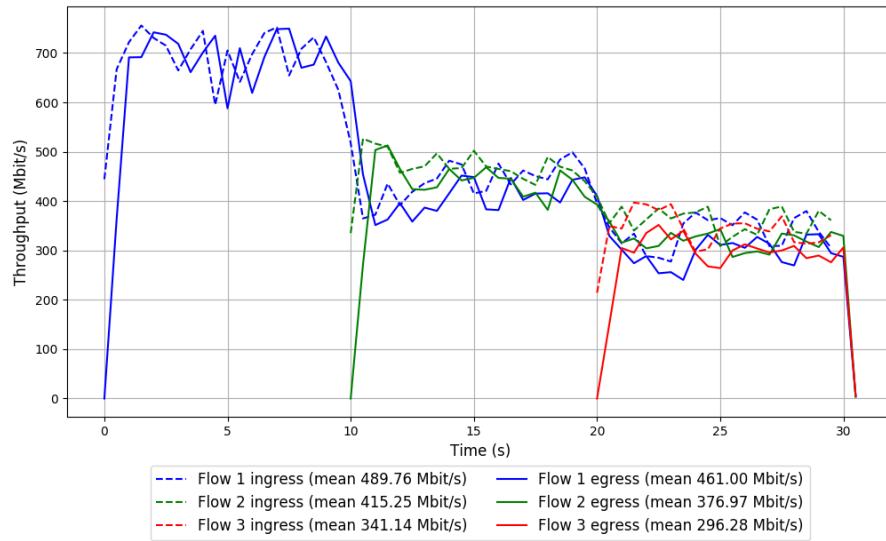


Run 9: Statistics of TCP BBR

```
Start at: 2018-08-09 12:40:20
End at: 2018-08-09 12:40:50
Local clock offset: -3.83 ms
Remote clock offset: 3.119 ms

# Below is generated by plot.py at 2018-08-09 13:52:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 810.64 Mbit/s
95th percentile per-packet one-way delay: 32.037 ms
Loss rate: 7.86%
-- Flow 1:
Average throughput: 461.00 Mbit/s
95th percentile per-packet one-way delay: 33.412 ms
Loss rate: 5.87%
-- Flow 2:
Average throughput: 376.97 Mbit/s
95th percentile per-packet one-way delay: 24.151 ms
Loss rate: 9.21%
-- Flow 3:
Average throughput: 296.28 Mbit/s
95th percentile per-packet one-way delay: 20.327 ms
Loss rate: 13.14%
```

Run 9: Report of TCP BBR — Data Link

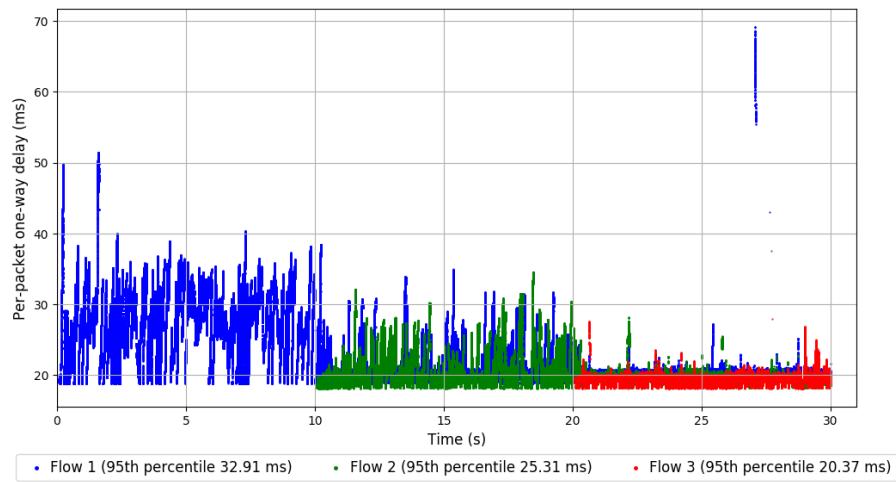
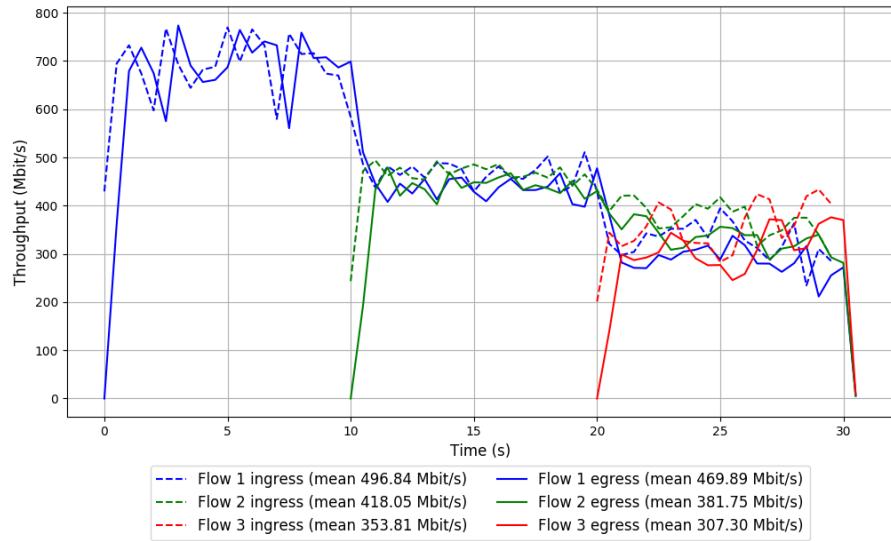


Run 10: Statistics of TCP BBR

```
Start at: 2018-08-09 13:07:54
End at: 2018-08-09 13:08:24
Local clock offset: 3.528 ms
Remote clock offset: 3.1 ms

# Below is generated by plot.py at 2018-08-09 13:53:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 826.41 Mbit/s
95th percentile per-packet one-way delay: 31.718 ms
Loss rate: 7.45%
-- Flow 1:
Average throughput: 469.89 Mbit/s
95th percentile per-packet one-way delay: 32.910 ms
Loss rate: 5.42%
-- Flow 2:
Average throughput: 381.75 Mbit/s
95th percentile per-packet one-way delay: 25.313 ms
Loss rate: 8.68%
-- Flow 3:
Average throughput: 307.30 Mbit/s
95th percentile per-packet one-way delay: 20.374 ms
Loss rate: 13.14%
```

Run 10: Report of TCP BBR — Data Link

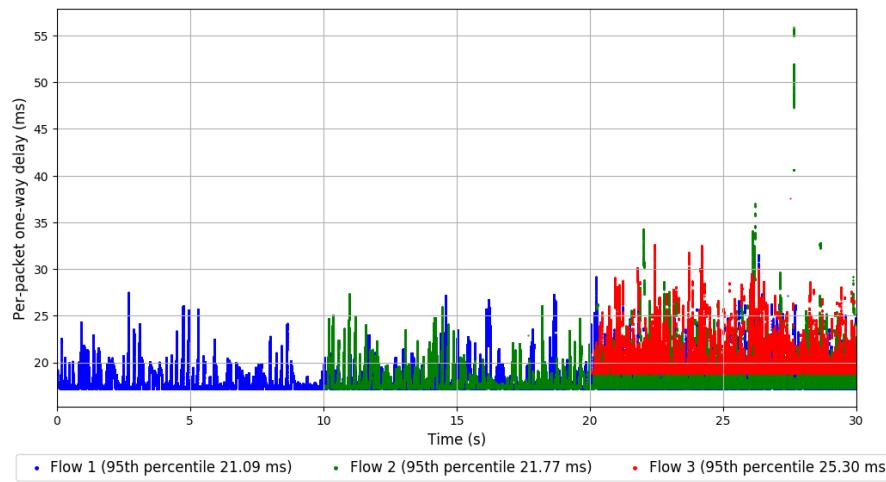
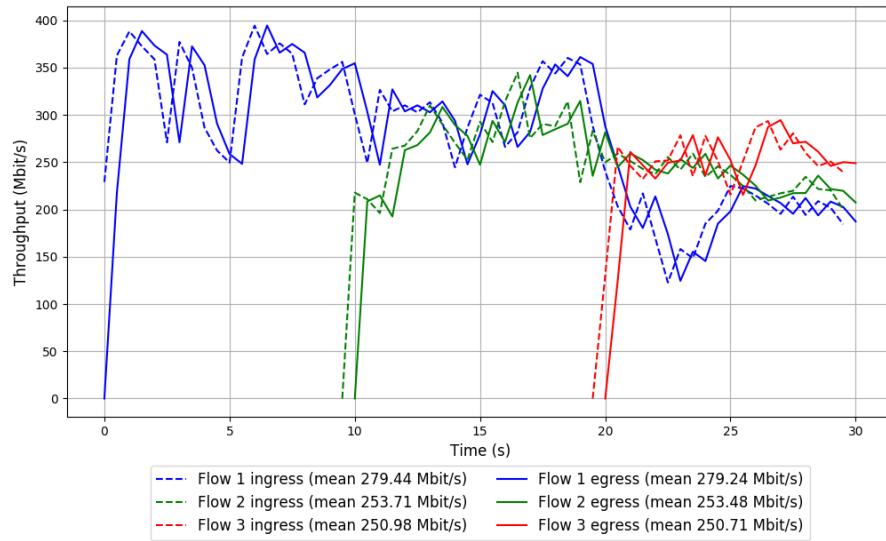


Run 1: Statistics of Copa

```
Start at: 2018-08-09 08:42:48
End at: 2018-08-09 08:43:18
Local clock offset: -4.928 ms
Remote clock offset: -1.027 ms

# Below is generated by plot.py at 2018-08-09 13:54:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 531.65 Mbit/s
95th percentile per-packet one-way delay: 22.350 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 279.24 Mbit/s
95th percentile per-packet one-way delay: 21.093 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 253.48 Mbit/s
95th percentile per-packet one-way delay: 21.772 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 250.71 Mbit/s
95th percentile per-packet one-way delay: 25.300 ms
Loss rate: 0.12%
```

Run 1: Report of Copa — Data Link

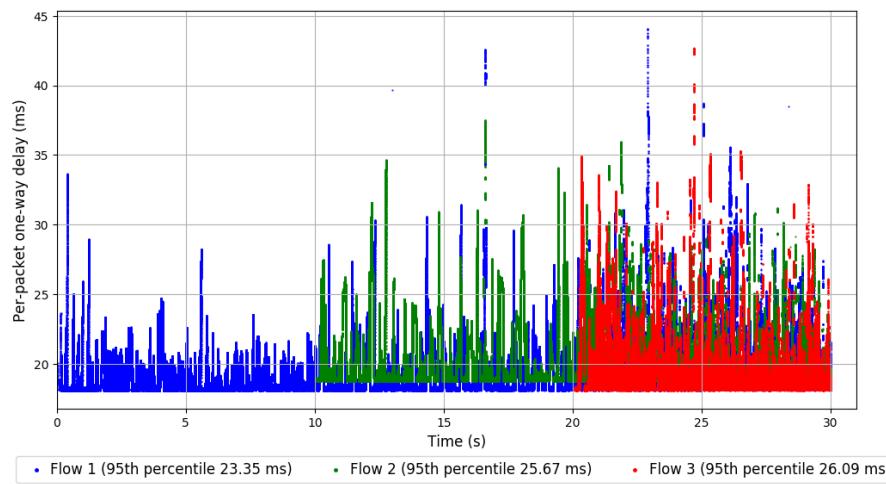
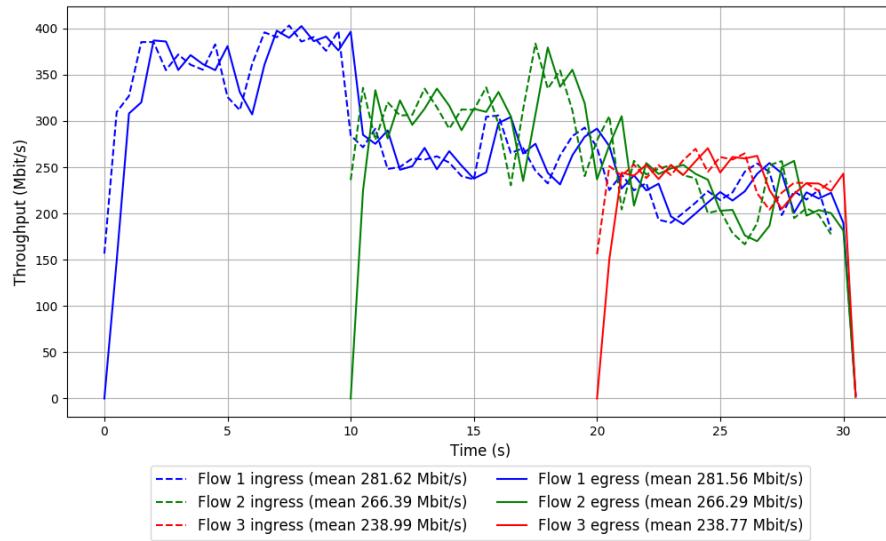


Run 2: Statistics of Copa

```
Start at: 2018-08-09 09:10:22
End at: 2018-08-09 09:10:52
Local clock offset: 5.118 ms
Remote clock offset: 3.017 ms

# Below is generated by plot.py at 2018-08-09 13:55:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 538.27 Mbit/s
95th percentile per-packet one-way delay: 24.687 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 281.56 Mbit/s
95th percentile per-packet one-way delay: 23.353 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 266.29 Mbit/s
95th percentile per-packet one-way delay: 25.668 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 238.77 Mbit/s
95th percentile per-packet one-way delay: 26.089 ms
Loss rate: 0.09%
```

Run 2: Report of Copa — Data Link

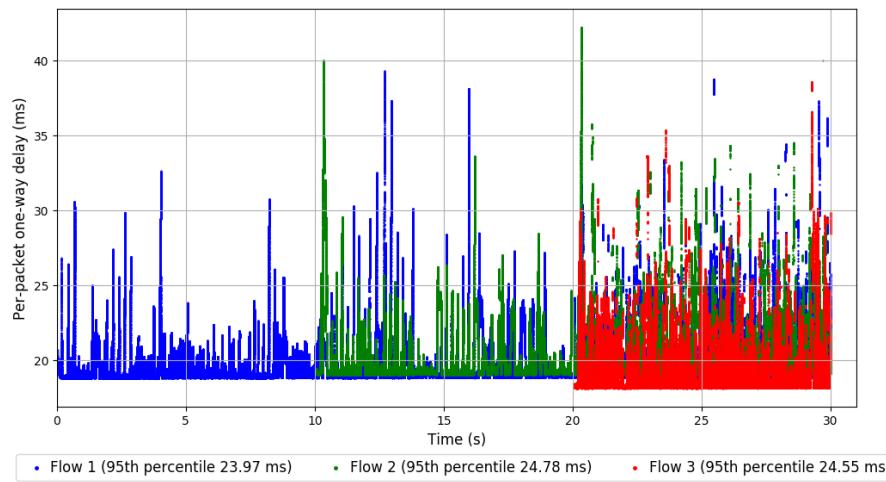
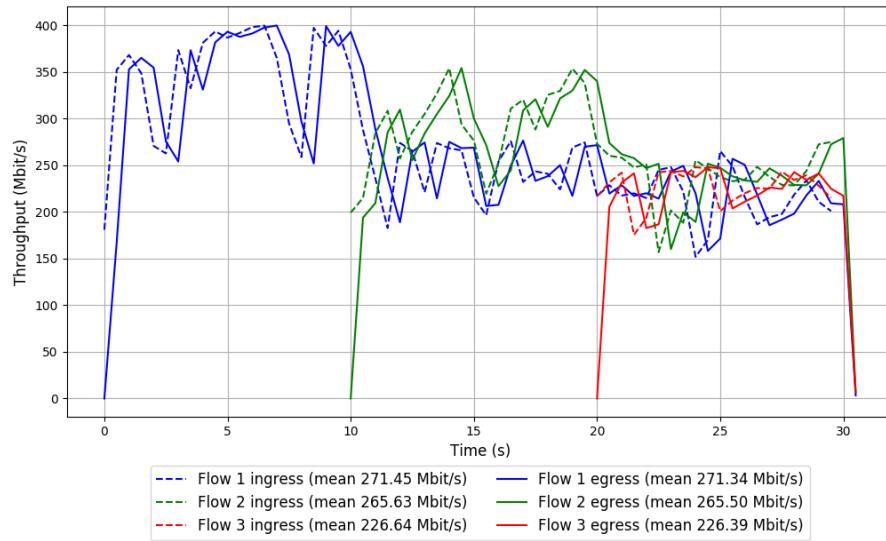


Run 3: Statistics of Copa

```
Start at: 2018-08-09 09:37:43
End at: 2018-08-09 09:38:13
Local clock offset: 8.669 ms
Remote clock offset: 3.339 ms

# Below is generated by plot.py at 2018-08-09 13:55:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 523.44 Mbit/s
95th percentile per-packet one-way delay: 24.344 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 271.34 Mbit/s
95th percentile per-packet one-way delay: 23.967 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 265.50 Mbit/s
95th percentile per-packet one-way delay: 24.778 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 226.39 Mbit/s
95th percentile per-packet one-way delay: 24.547 ms
Loss rate: 0.10%
```

Run 3: Report of Copa — Data Link

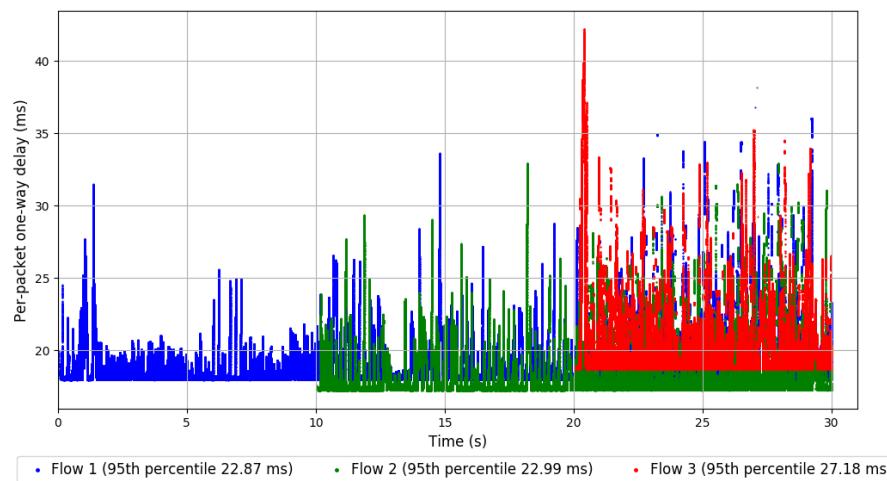
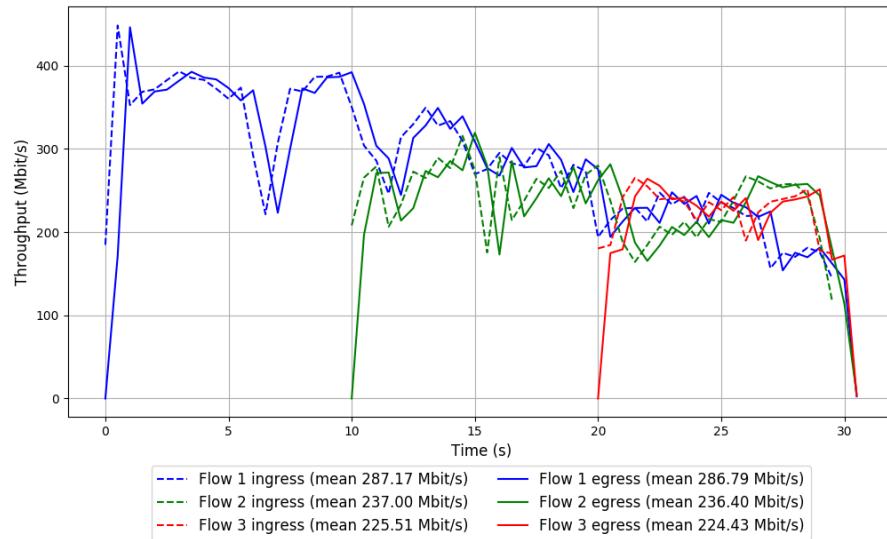


Run 4: Statistics of Copa

```
Start at: 2018-08-09 10:05:19
End at: 2018-08-09 10:05:49
Local clock offset: 3.513 ms
Remote clock offset: 2.168 ms

# Below is generated by plot.py at 2018-08-09 13:55:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 518.93 Mbit/s
95th percentile per-packet one-way delay: 23.689 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 286.79 Mbit/s
95th percentile per-packet one-way delay: 22.869 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 236.40 Mbit/s
95th percentile per-packet one-way delay: 22.992 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 224.43 Mbit/s
95th percentile per-packet one-way delay: 27.181 ms
Loss rate: 0.49%
```

Run 4: Report of Copa — Data Link

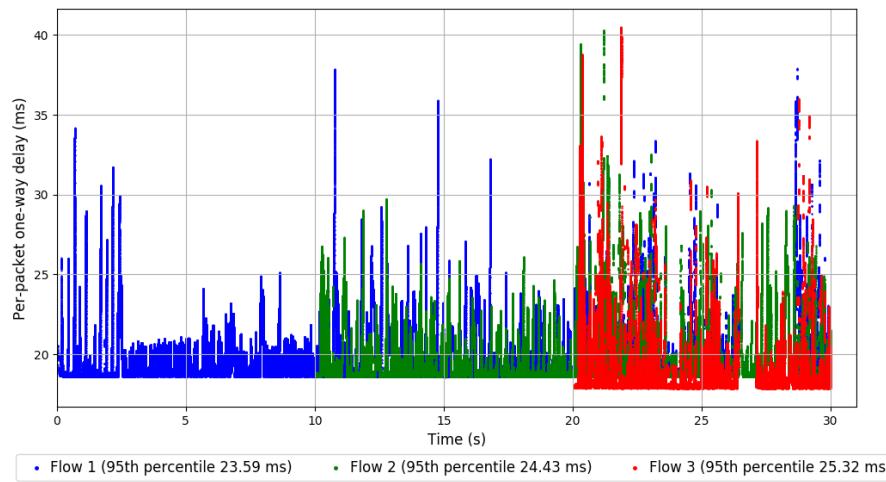
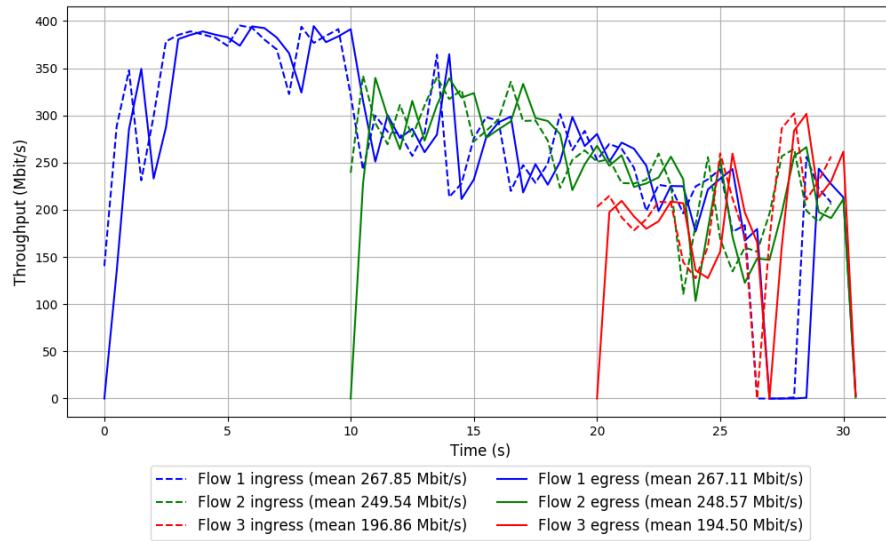


Run 5: Statistics of Copa

```
Start at: 2018-08-09 10:32:49
End at: 2018-08-09 10:33:19
Local clock offset: -0.321 ms
Remote clock offset: 0.226 ms

# Below is generated by plot.py at 2018-08-09 13:55:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 497.40 Mbit/s
95th percentile per-packet one-way delay: 24.015 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 267.11 Mbit/s
95th percentile per-packet one-way delay: 23.586 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 248.57 Mbit/s
95th percentile per-packet one-way delay: 24.428 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 194.50 Mbit/s
95th percentile per-packet one-way delay: 25.321 ms
Loss rate: 1.19%
```

Run 5: Report of Copa — Data Link

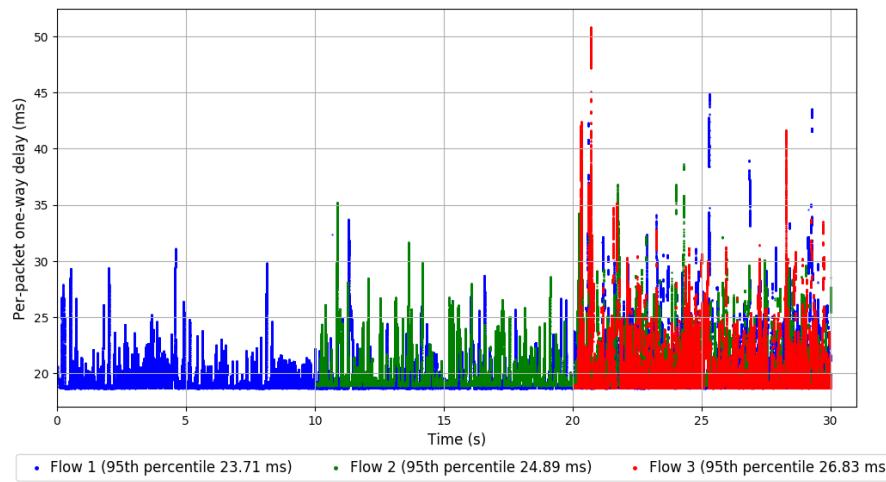
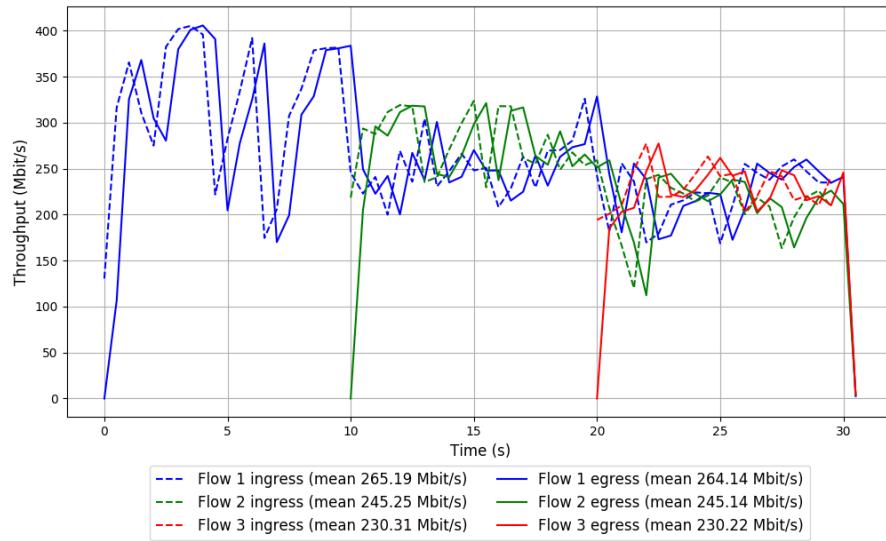


Run 6: Statistics of Copa

```
Start at: 2018-08-09 11:00:33
End at: 2018-08-09 11:01:03
Local clock offset: -0.582 ms
Remote clock offset: -0.722 ms

# Below is generated by plot.py at 2018-08-09 13:55:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 503.97 Mbit/s
95th percentile per-packet one-way delay: 24.696 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 264.14 Mbit/s
95th percentile per-packet one-way delay: 23.710 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 245.14 Mbit/s
95th percentile per-packet one-way delay: 24.895 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 230.22 Mbit/s
95th percentile per-packet one-way delay: 26.832 ms
Loss rate: 0.03%
```

Run 6: Report of Copa — Data Link

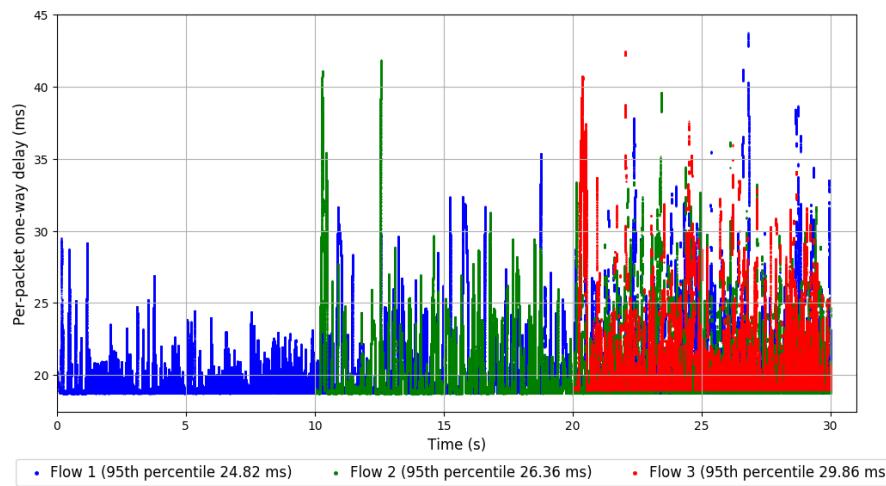
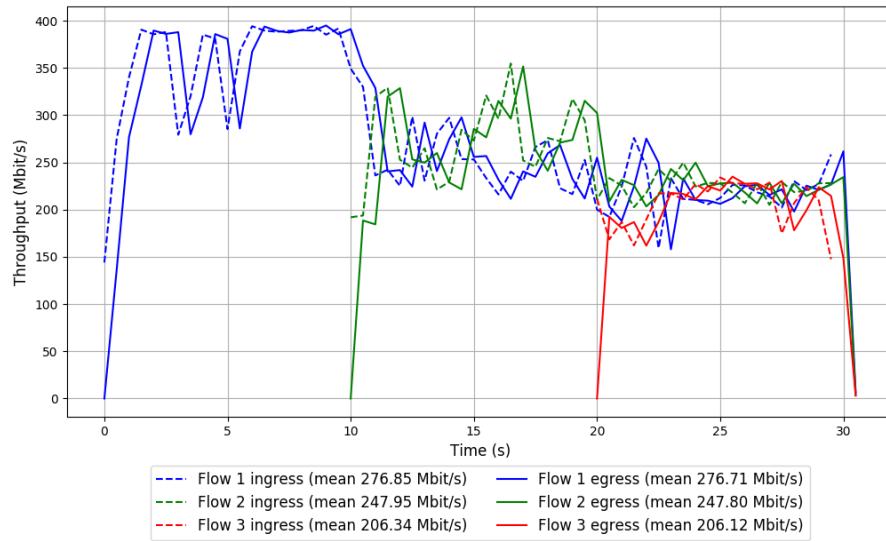


Run 7: Statistics of Copa

```
Start at: 2018-08-09 11:28:05
End at: 2018-08-09 11:28:35
Local clock offset: 2.351 ms
Remote clock offset: 0.347 ms

# Below is generated by plot.py at 2018-08-09 14:03:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 510.30 Mbit/s
95th percentile per-packet one-way delay: 26.151 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 276.71 Mbit/s
95th percentile per-packet one-way delay: 24.817 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 247.80 Mbit/s
95th percentile per-packet one-way delay: 26.360 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 206.12 Mbit/s
95th percentile per-packet one-way delay: 29.862 ms
Loss rate: 0.11%
```

Run 7: Report of Copa — Data Link

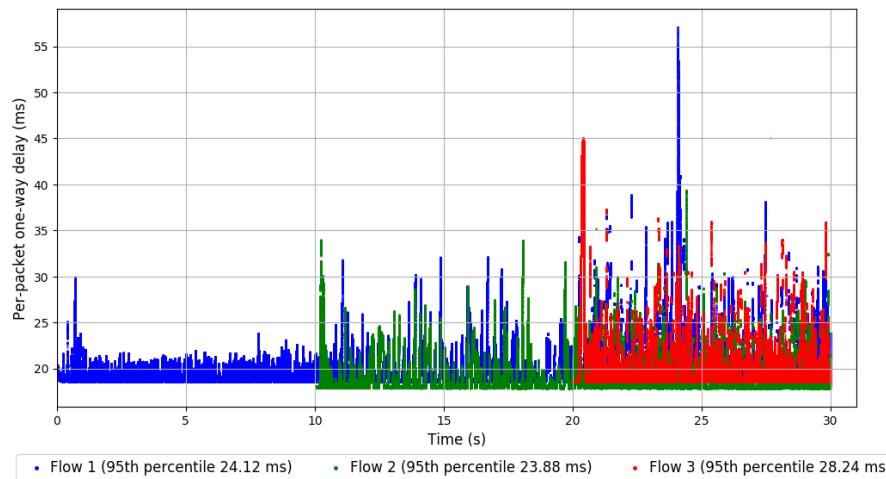
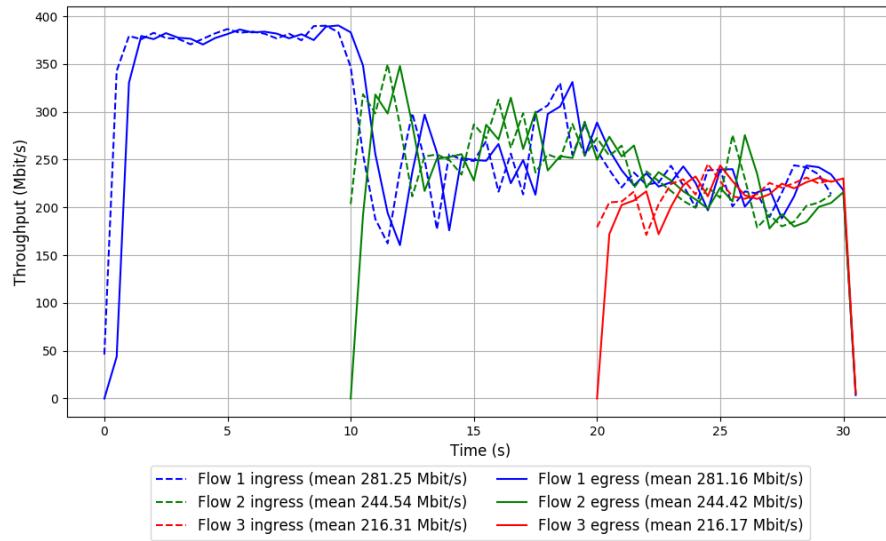


Run 8: Statistics of Copa

```
Start at: 2018-08-09 11:55:30
End at: 2018-08-09 11:56:00
Local clock offset: 1.069 ms
Remote clock offset: -0.097 ms

# Below is generated by plot.py at 2018-08-09 14:03:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 515.85 Mbit/s
95th percentile per-packet one-way delay: 24.535 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 281.16 Mbit/s
95th percentile per-packet one-way delay: 24.125 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 244.42 Mbit/s
95th percentile per-packet one-way delay: 23.877 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 216.17 Mbit/s
95th percentile per-packet one-way delay: 28.238 ms
Loss rate: 0.07%
```

Run 8: Report of Copa — Data Link

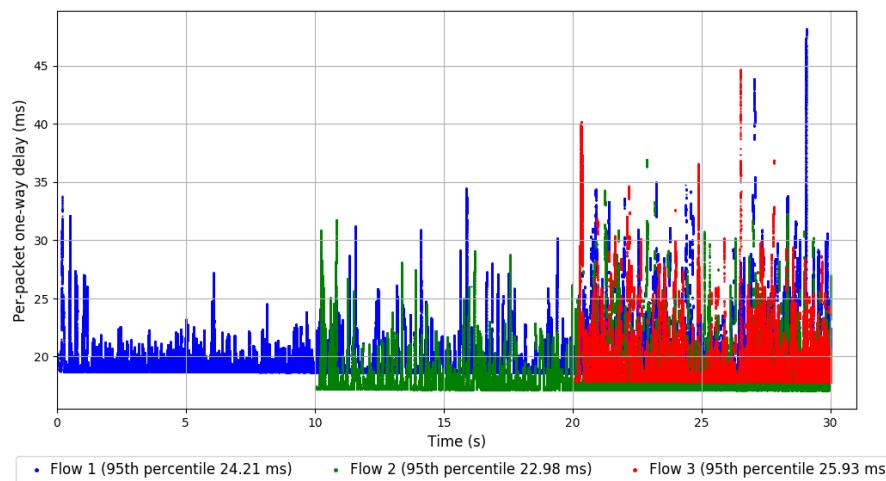
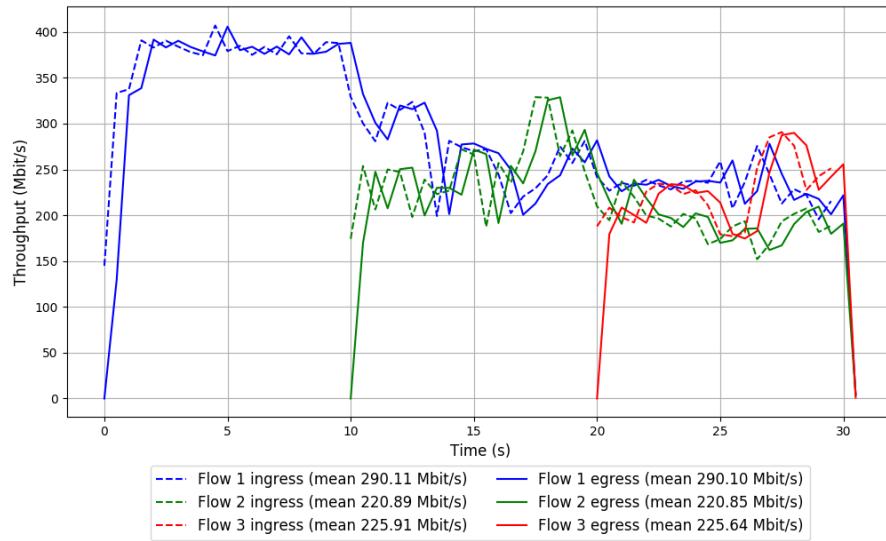


Run 9: Statistics of Copa

```
Start at: 2018-08-09 12:22:53
End at: 2018-08-09 12:23:23
Local clock offset: -2.053 ms
Remote clock offset: 1.38 ms

# Below is generated by plot.py at 2018-08-09 14:05:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 512.25 Mbit/s
95th percentile per-packet one-way delay: 24.259 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 290.10 Mbit/s
95th percentile per-packet one-way delay: 24.214 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 220.85 Mbit/s
95th percentile per-packet one-way delay: 22.980 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 225.64 Mbit/s
95th percentile per-packet one-way delay: 25.931 ms
Loss rate: 0.11%
```

Run 9: Report of Copa — Data Link

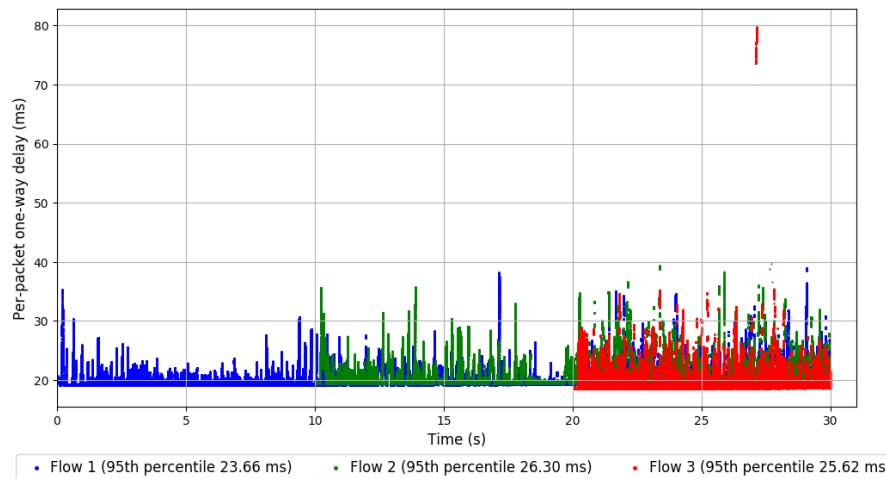
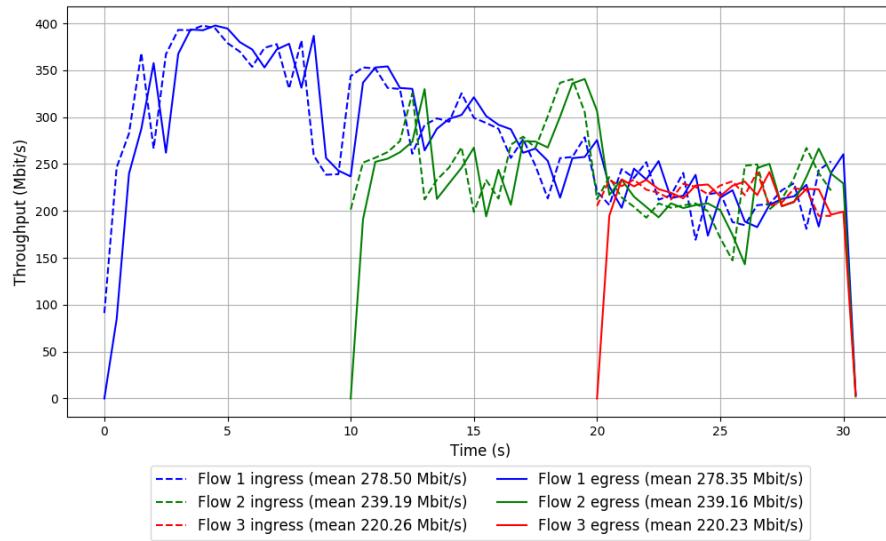


Run 10: Statistics of Copa

```
Start at: 2018-08-09 12:50:16
End at: 2018-08-09 12:50:46
Local clock offset: -1.15 ms
Remote clock offset: 3.581 ms

# Below is generated by plot.py at 2018-08-09 14:05:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 510.91 Mbit/s
95th percentile per-packet one-way delay: 24.783 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 278.35 Mbit/s
95th percentile per-packet one-way delay: 23.664 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 239.16 Mbit/s
95th percentile per-packet one-way delay: 26.299 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 220.23 Mbit/s
95th percentile per-packet one-way delay: 25.624 ms
Loss rate: 0.01%
```

Run 10: Report of Copa — Data Link

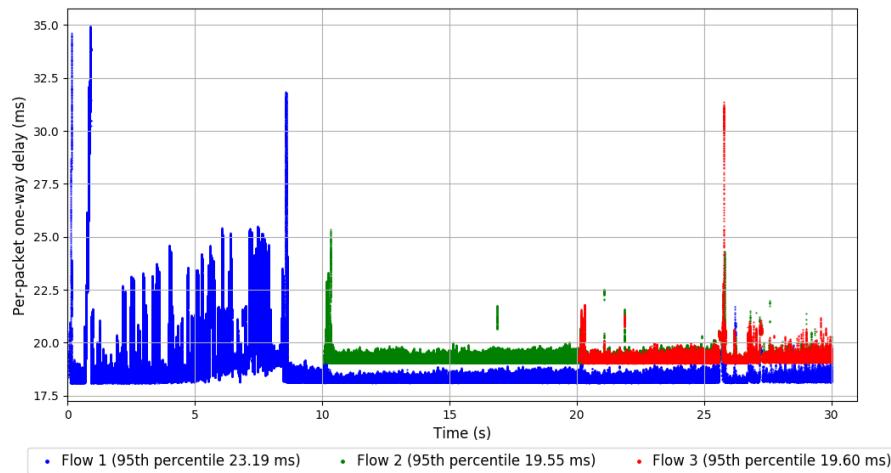
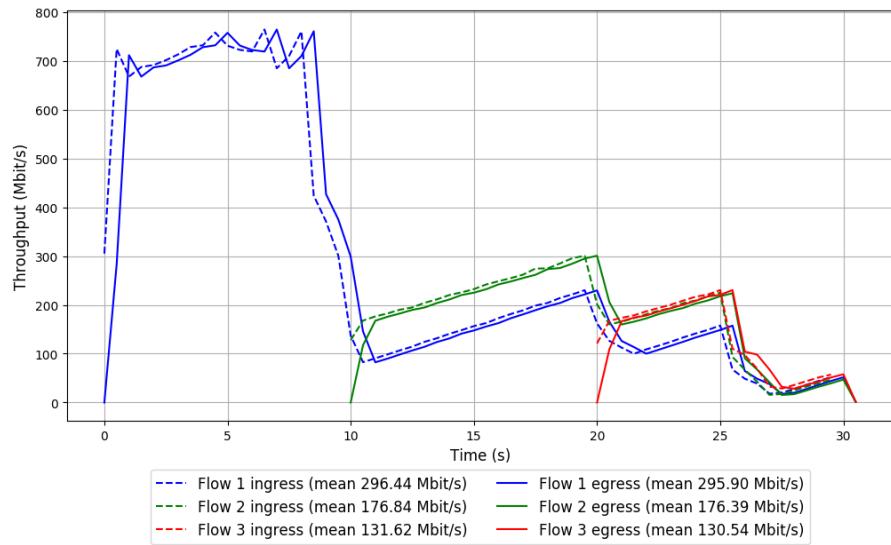


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2018-08-09 09:04:11
End at: 2018-08-09 09:04:41
Local clock offset: 4.015 ms
Remote clock offset: 2.351 ms

# Below is generated by plot.py at 2018-08-09 14:05:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 456.79 Mbit/s
95th percentile per-packet one-way delay: 22.355 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 295.90 Mbit/s
95th percentile per-packet one-way delay: 23.191 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 176.39 Mbit/s
95th percentile per-packet one-way delay: 19.553 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 130.54 Mbit/s
95th percentile per-packet one-way delay: 19.596 ms
Loss rate: 0.81%
```

Run 1: Report of TCP Cubic — Data Link

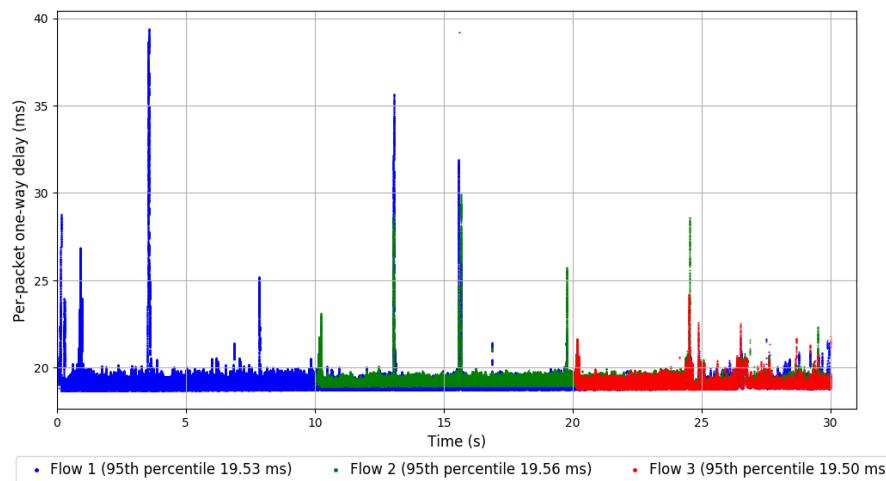
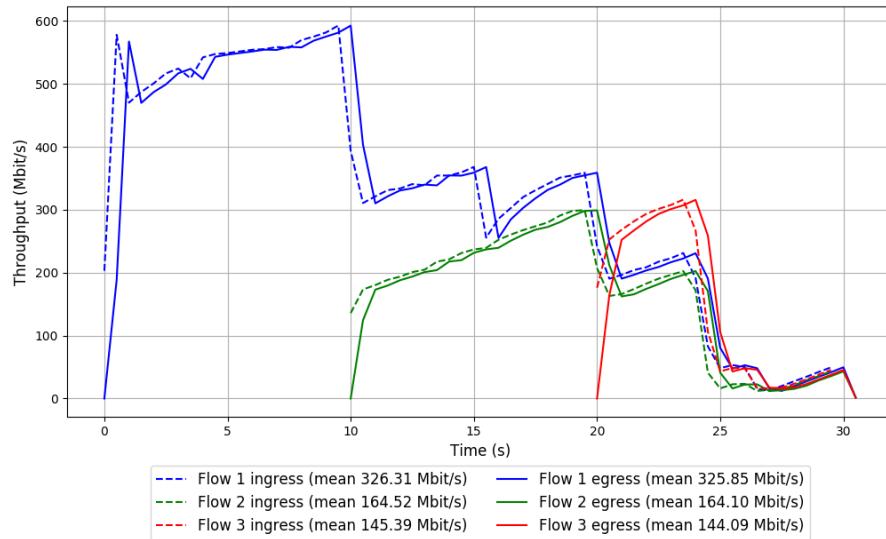


Run 2: Statistics of TCP Cubic

```
Start at: 2018-08-09 09:31:35
End at: 2018-08-09 09:32:05
Local clock offset: 8.035 ms
Remote clock offset: 3.557 ms

# Below is generated by plot.py at 2018-08-09 14:05:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 483.07 Mbit/s
95th percentile per-packet one-way delay: 19.539 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 325.85 Mbit/s
95th percentile per-packet one-way delay: 19.527 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 164.10 Mbit/s
95th percentile per-packet one-way delay: 19.563 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 144.09 Mbit/s
95th percentile per-packet one-way delay: 19.499 ms
Loss rate: 0.87%
```

Run 2: Report of TCP Cubic — Data Link

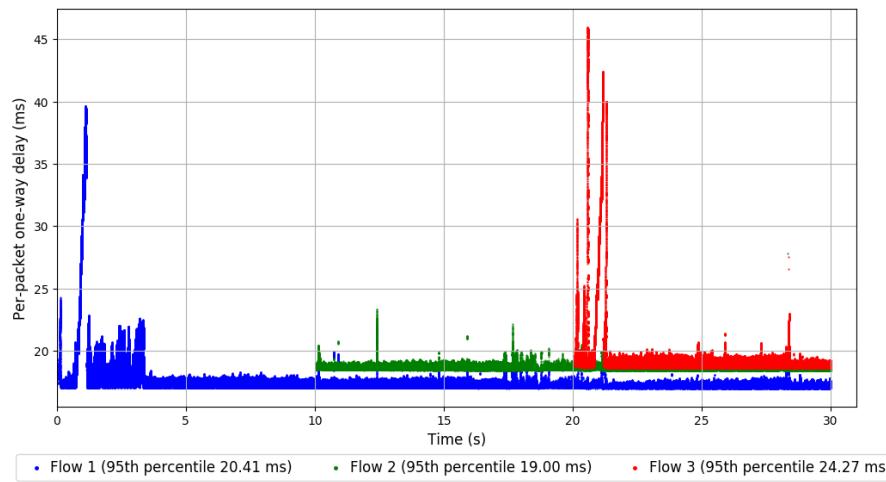
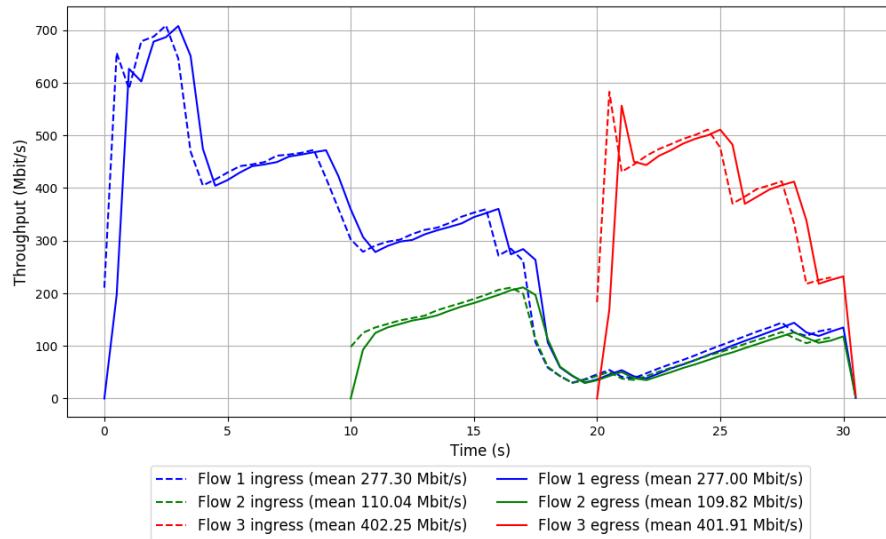


Run 3: Statistics of TCP Cubic

```
Start at: 2018-08-09 09:59:06
End at: 2018-08-09 09:59:36
Local clock offset: 4.309 ms
Remote clock offset: 3.246 ms

# Below is generated by plot.py at 2018-08-09 14:05:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 483.71 Mbit/s
95th percentile per-packet one-way delay: 20.329 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 277.00 Mbit/s
95th percentile per-packet one-way delay: 20.414 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 109.82 Mbit/s
95th percentile per-packet one-way delay: 19.002 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 401.91 Mbit/s
95th percentile per-packet one-way delay: 24.268 ms
Loss rate: 0.08%
```

Run 3: Report of TCP Cubic — Data Link

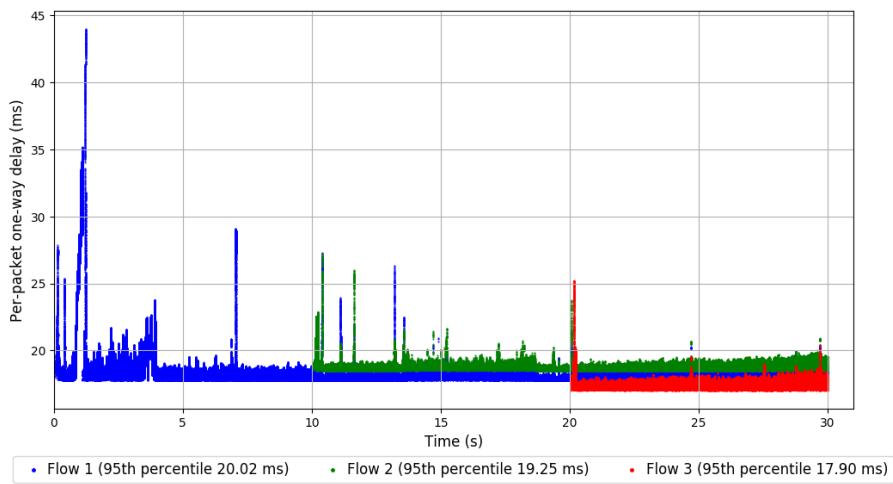
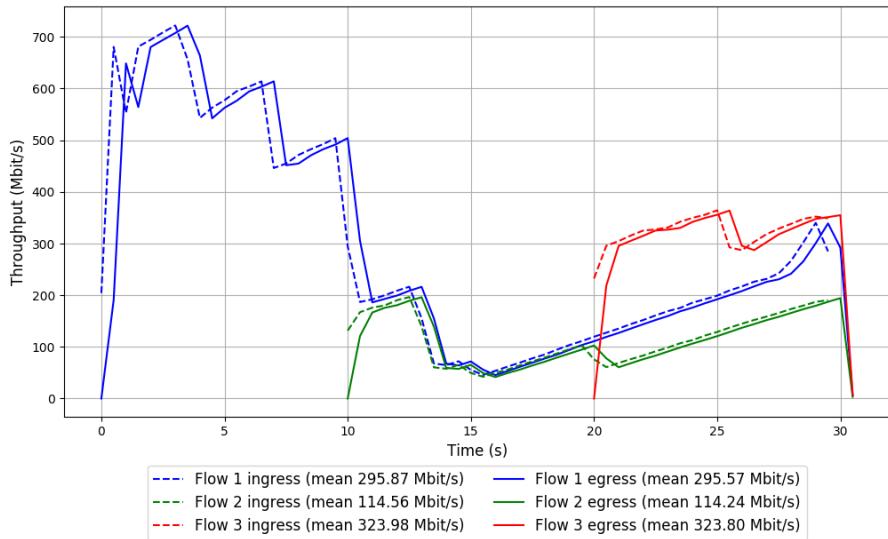


Run 4: Statistics of TCP Cubic

```
Start at: 2018-08-09 10:26:35
End at: 2018-08-09 10:27:05
Local clock offset: 0.411 ms
Remote clock offset: 0.377 ms

# Below is generated by plot.py at 2018-08-09 14:05:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 479.34 Mbit/s
95th percentile per-packet one-way delay: 19.475 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 295.57 Mbit/s
95th percentile per-packet one-way delay: 20.017 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 114.24 Mbit/s
95th percentile per-packet one-way delay: 19.245 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 323.80 Mbit/s
95th percentile per-packet one-way delay: 17.903 ms
Loss rate: 0.05%
```

Run 4: Report of TCP Cubic — Data Link

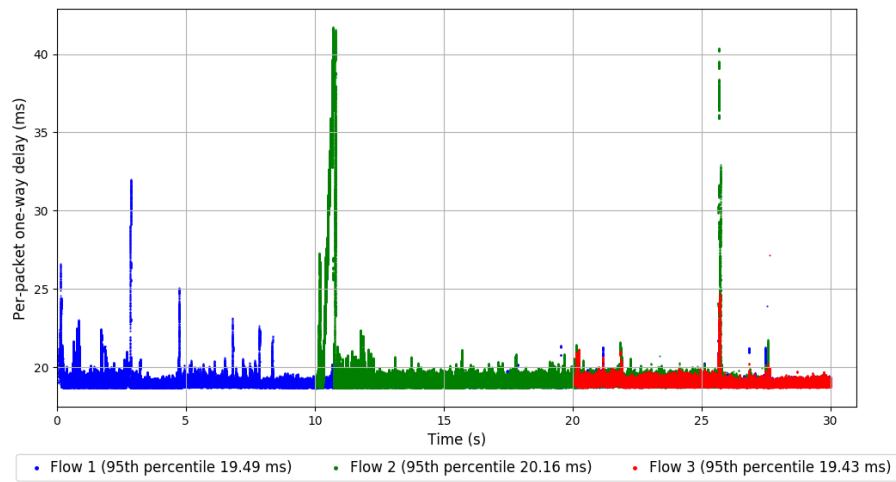
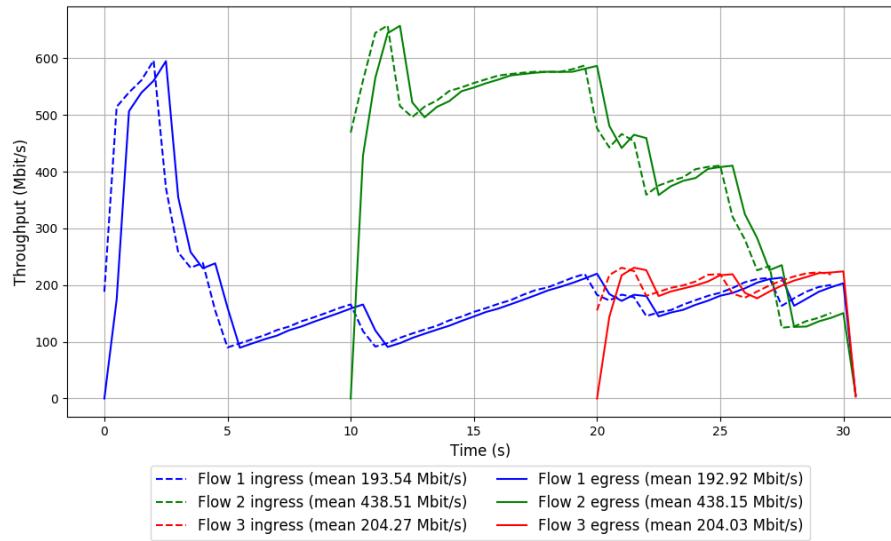


Run 5: Statistics of TCP Cubic

```
Start at: 2018-08-09 10:54:09
End at: 2018-08-09 10:54:39
Local clock offset: -0.669 ms
Remote clock offset: -0.565 ms

# Below is generated by plot.py at 2018-08-09 14:06:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 552.66 Mbit/s
95th percentile per-packet one-way delay: 19.724 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 192.92 Mbit/s
95th percentile per-packet one-way delay: 19.491 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 438.15 Mbit/s
95th percentile per-packet one-way delay: 20.161 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 204.03 Mbit/s
95th percentile per-packet one-way delay: 19.435 ms
Loss rate: 0.12%
```

Run 5: Report of TCP Cubic — Data Link

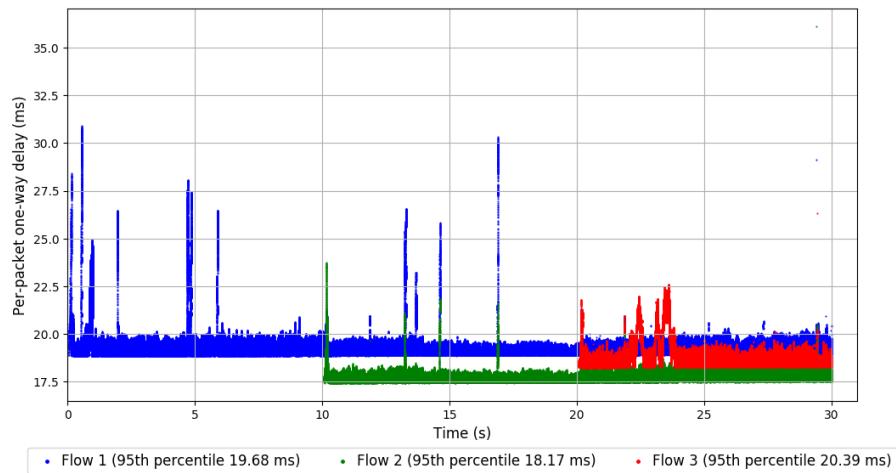
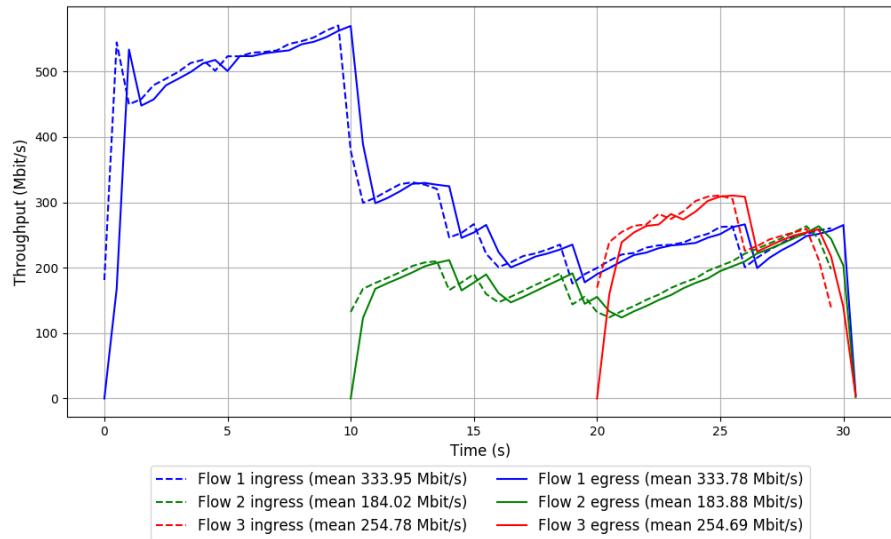


Run 6: Statistics of TCP Cubic

```
Start at: 2018-08-09 11:21:49
End at: 2018-08-09 11:22:19
Local clock offset: 1.164 ms
Remote clock offset: 0.205 ms

# Below is generated by plot.py at 2018-08-09 14:06:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 540.92 Mbit/s
95th percentile per-packet one-way delay: 19.635 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 333.78 Mbit/s
95th percentile per-packet one-way delay: 19.678 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 183.88 Mbit/s
95th percentile per-packet one-way delay: 18.166 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 254.69 Mbit/s
95th percentile per-packet one-way delay: 20.385 ms
Loss rate: 0.03%
```

Run 6: Report of TCP Cubic — Data Link

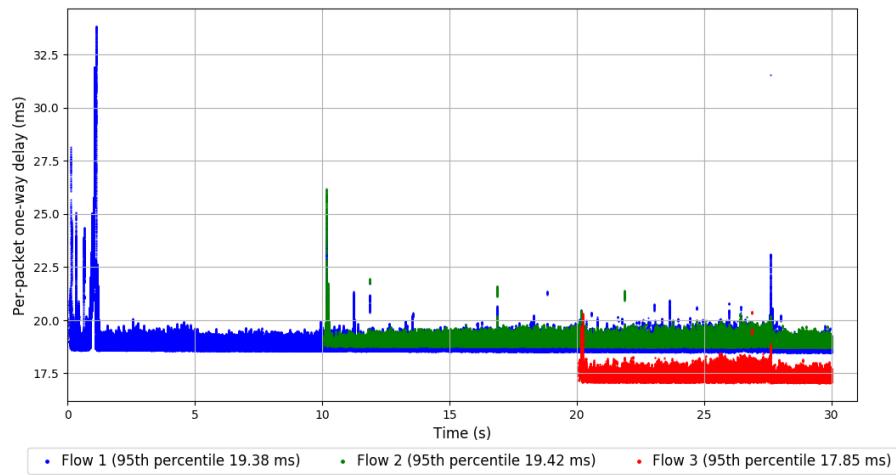
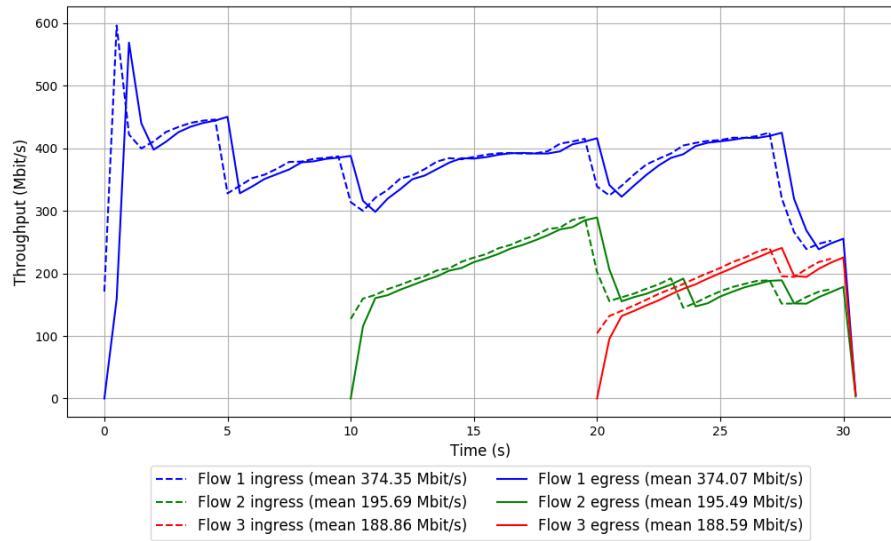


Run 7: Statistics of TCP Cubic

```
Start at: 2018-08-09 11:49:13
End at: 2018-08-09 11:49:43
Local clock offset: 2.432 ms
Remote clock offset: 0.186 ms

# Below is generated by plot.py at 2018-08-09 14:06:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 567.01 Mbit/s
95th percentile per-packet one-way delay: 19.377 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 374.07 Mbit/s
95th percentile per-packet one-way delay: 19.382 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 195.49 Mbit/s
95th percentile per-packet one-way delay: 19.422 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 188.59 Mbit/s
95th percentile per-packet one-way delay: 17.852 ms
Loss rate: 0.15%
```

Run 7: Report of TCP Cubic — Data Link

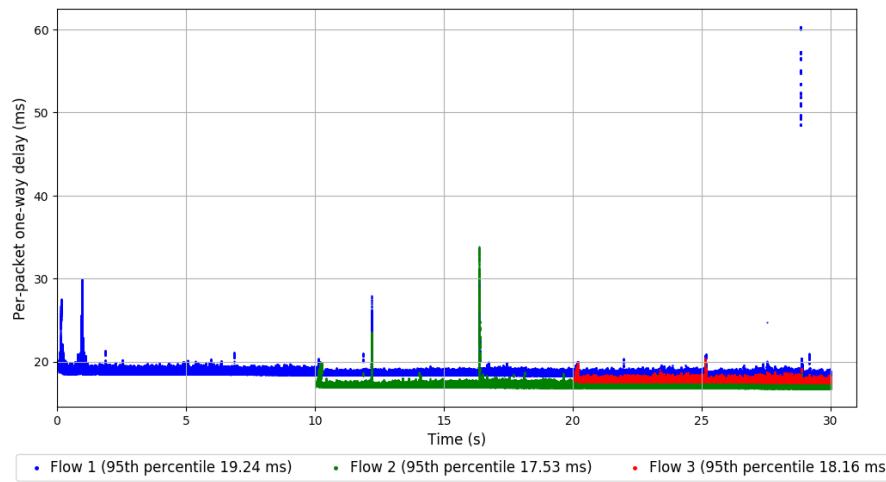
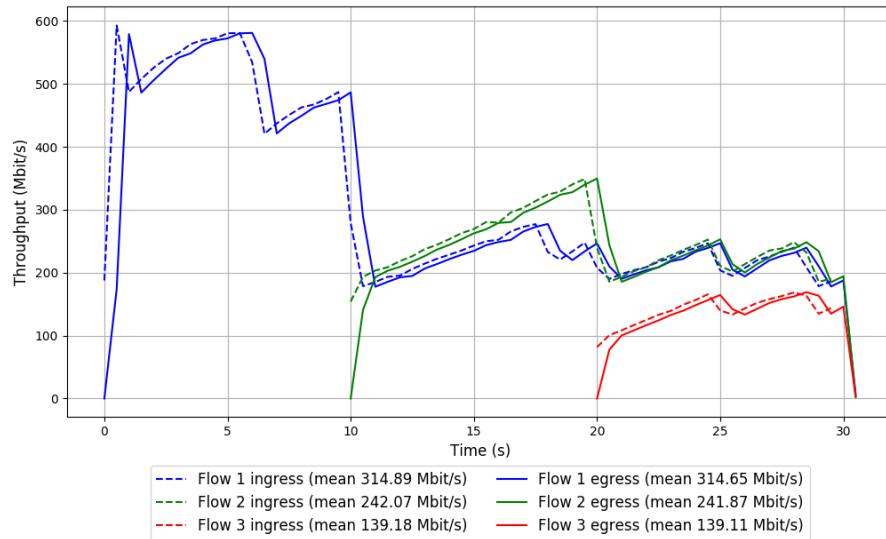


Run 8: Statistics of TCP Cubic

```
Start at: 2018-08-09 12:16:40
End at: 2018-08-09 12:17:10
Local clock offset: -0.616 ms
Remote clock offset: -0.528 ms

# Below is generated by plot.py at 2018-08-09 14:06:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 522.05 Mbit/s
95th percentile per-packet one-way delay: 19.145 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 314.65 Mbit/s
95th percentile per-packet one-way delay: 19.236 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 241.87 Mbit/s
95th percentile per-packet one-way delay: 17.527 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 139.11 Mbit/s
95th percentile per-packet one-way delay: 18.156 ms
Loss rate: 0.05%
```

Run 8: Report of TCP Cubic — Data Link

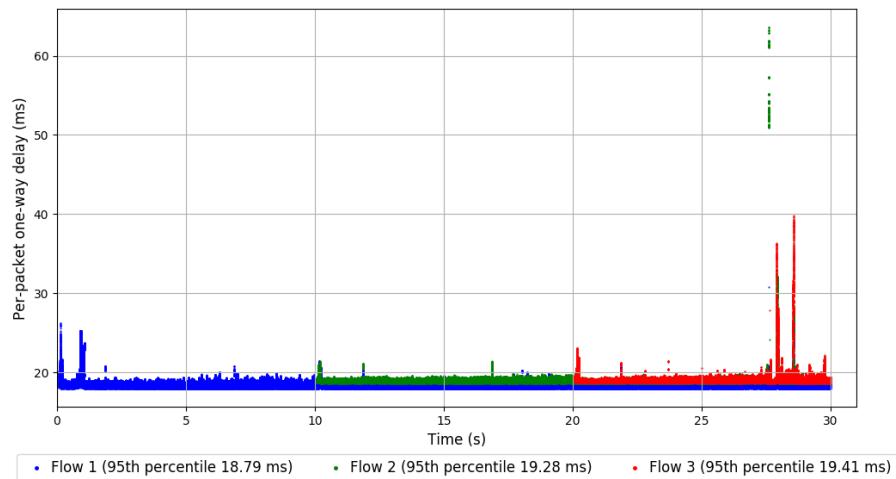
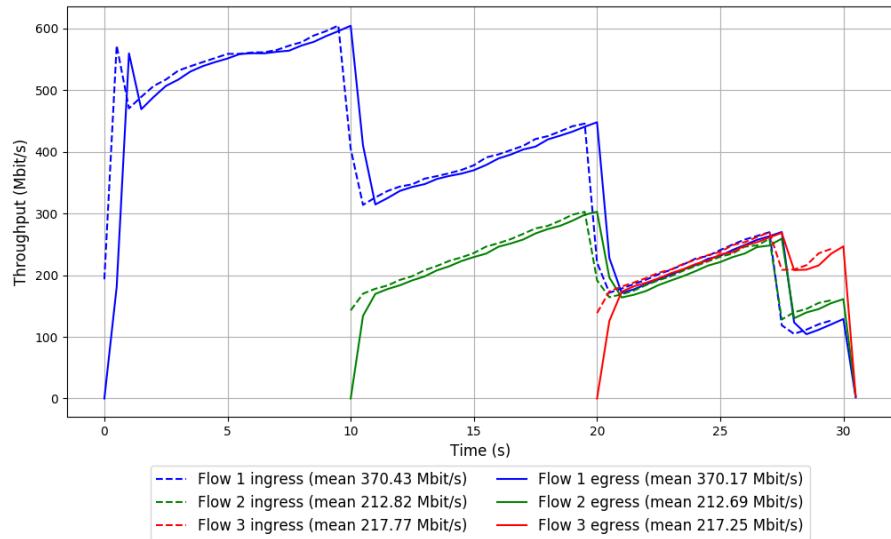


Run 9: Statistics of TCP Cubic

```
Start at: 2018-08-09 12:43:55
End at: 2018-08-09 12:44:25
Local clock offset: -3.966 ms
Remote clock offset: 3.394 ms

# Below is generated by plot.py at 2018-08-09 14:09:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 584.18 Mbit/s
95th percentile per-packet one-way delay: 19.190 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 370.17 Mbit/s
95th percentile per-packet one-way delay: 18.794 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 212.69 Mbit/s
95th percentile per-packet one-way delay: 19.279 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 217.25 Mbit/s
95th percentile per-packet one-way delay: 19.406 ms
Loss rate: 0.25%
```

Run 9: Report of TCP Cubic — Data Link

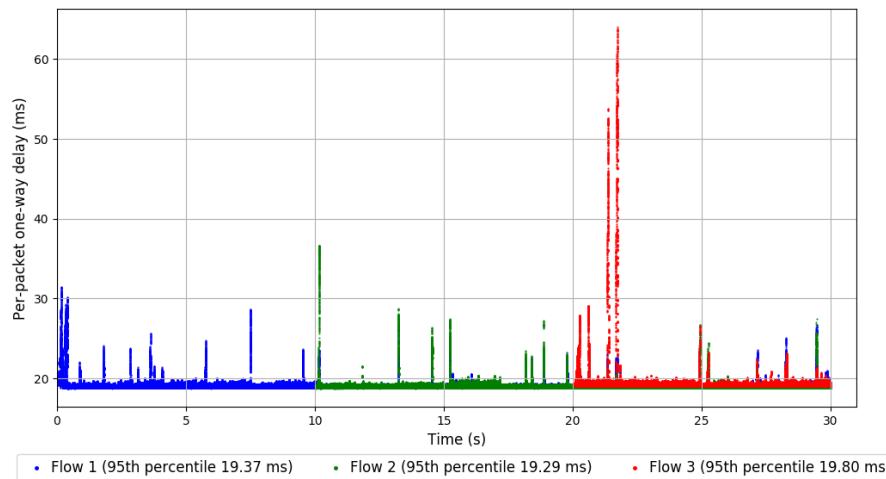
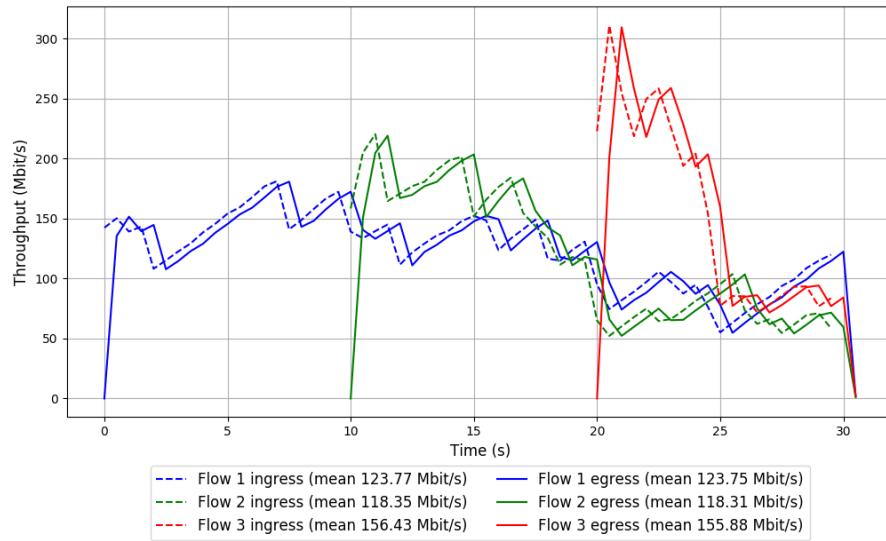


Run 10: Statistics of TCP Cubic

```
Start at: 2018-08-09 13:11:33
End at: 2018-08-09 13:12:03
Local clock offset: 3.865 ms
Remote clock offset: 3.061 ms

# Below is generated by plot.py at 2018-08-09 14:09:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 254.44 Mbit/s
95th percentile per-packet one-way delay: 19.474 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 123.75 Mbit/s
95th percentile per-packet one-way delay: 19.368 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 118.31 Mbit/s
95th percentile per-packet one-way delay: 19.290 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 155.88 Mbit/s
95th percentile per-packet one-way delay: 19.798 ms
Loss rate: 0.35%
```

Run 10: Report of TCP Cubic — Data Link

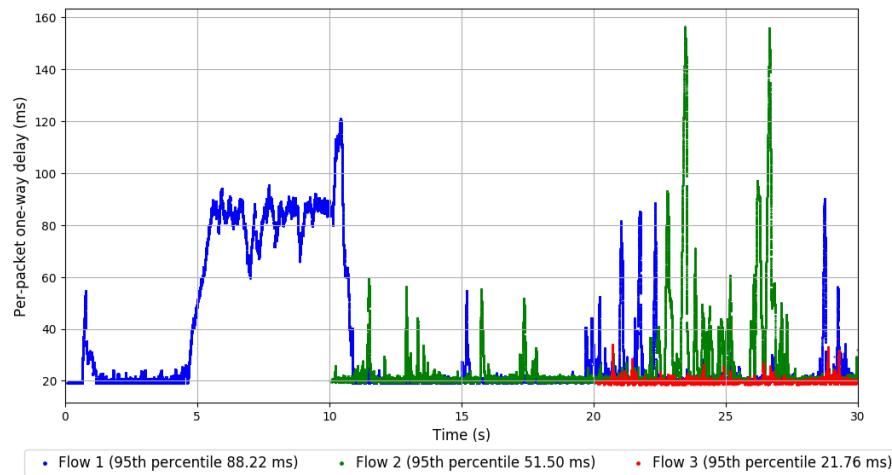
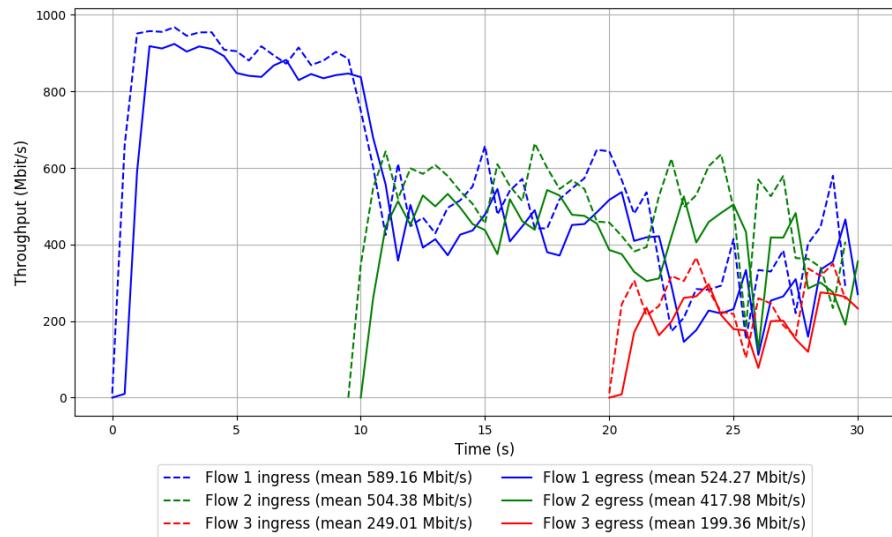


```
Run 1: Statistics of FillP

Start at: 2018-08-09 08:50:29
End at: 2018-08-09 08:50:59
Local clock offset: -1.313 ms
Remote clock offset: -1.373 ms

# Below is generated by plot.py at 2018-08-09 14:17:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 868.84 Mbit/s
95th percentile per-packet one-way delay: 87.335 ms
Loss rate: 13.78%
-- Flow 1:
Average throughput: 524.27 Mbit/s
95th percentile per-packet one-way delay: 88.219 ms
Loss rate: 11.01%
-- Flow 2:
Average throughput: 417.98 Mbit/s
95th percentile per-packet one-way delay: 51.498 ms
Loss rate: 17.12%
-- Flow 3:
Average throughput: 199.36 Mbit/s
95th percentile per-packet one-way delay: 21.757 ms
Loss rate: 19.94%
```

Run 1: Report of FillP — Data Link

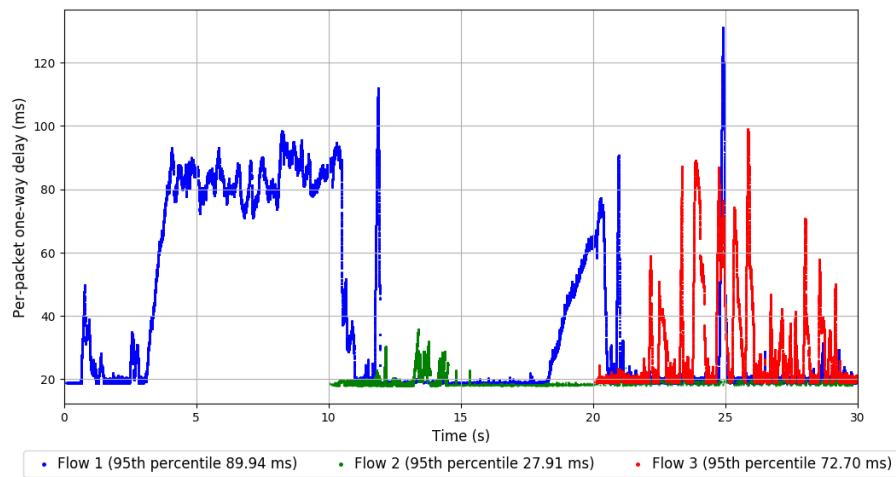
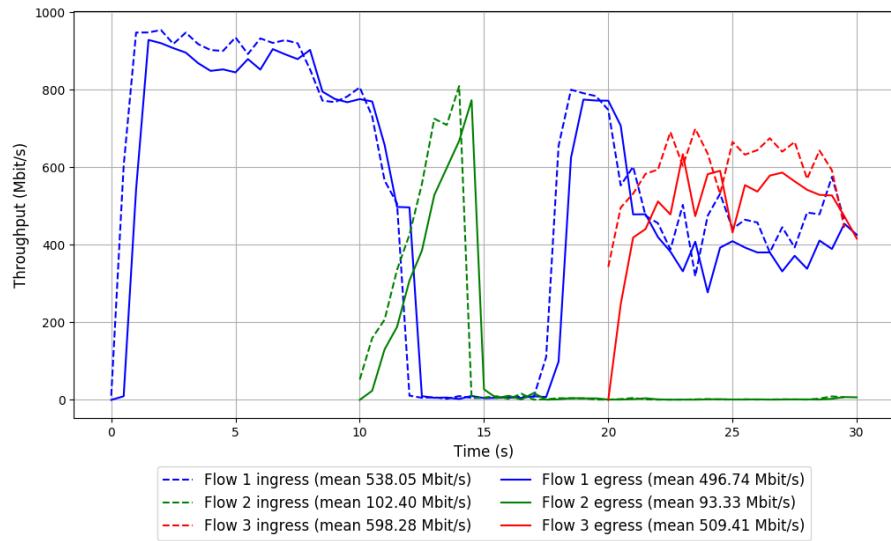


Run 2: Statistics of FillP

```
Start at: 2018-08-09 09:18:05
End at: 2018-08-09 09:18:35
Local clock offset: 6.389 ms
Remote clock offset: 3.701 ms

# Below is generated by plot.py at 2018-08-09 14:17:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 727.82 Mbit/s
95th percentile per-packet one-way delay: 88.341 ms
Loss rate: 9.54%
-- Flow 1:
Average throughput: 496.74 Mbit/s
95th percentile per-packet one-way delay: 89.939 ms
Loss rate: 7.67%
-- Flow 2:
Average throughput: 93.33 Mbit/s
95th percentile per-packet one-way delay: 27.914 ms
Loss rate: 8.85%
-- Flow 3:
Average throughput: 509.41 Mbit/s
95th percentile per-packet one-way delay: 72.700 ms
Loss rate: 14.85%
```

Run 2: Report of FillP — Data Link

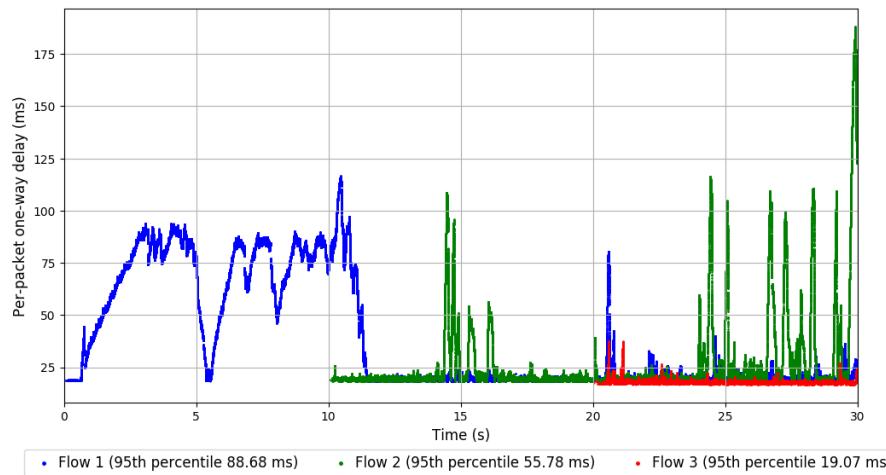
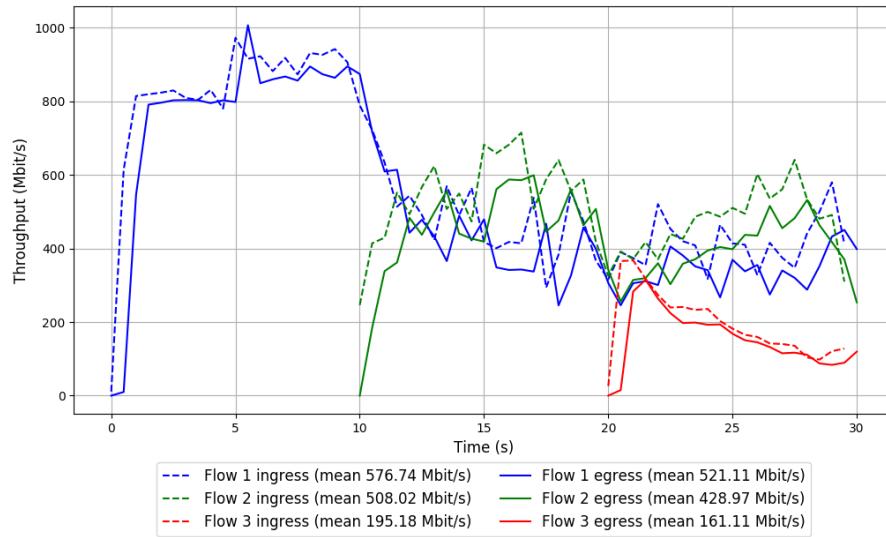


```
Run 3: Statistics of FillP
```

```
Start at: 2018-08-09 09:45:23
End at: 2018-08-09 09:45:53
Local clock offset: 9.645 ms
Remote clock offset: 3.194 ms

# Below is generated by plot.py at 2018-08-09 14:18:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 860.03 Mbit/s
95th percentile per-packet one-way delay: 87.491 ms
Loss rate: 12.19%
-- Flow 1:
Average throughput: 521.11 Mbit/s
95th percentile per-packet one-way delay: 88.681 ms
Loss rate: 9.63%
-- Flow 2:
Average throughput: 428.97 Mbit/s
95th percentile per-packet one-way delay: 55.784 ms
Loss rate: 15.55%
-- Flow 3:
Average throughput: 161.11 Mbit/s
95th percentile per-packet one-way delay: 19.073 ms
Loss rate: 17.43%
```

Run 3: Report of FillP — Data Link

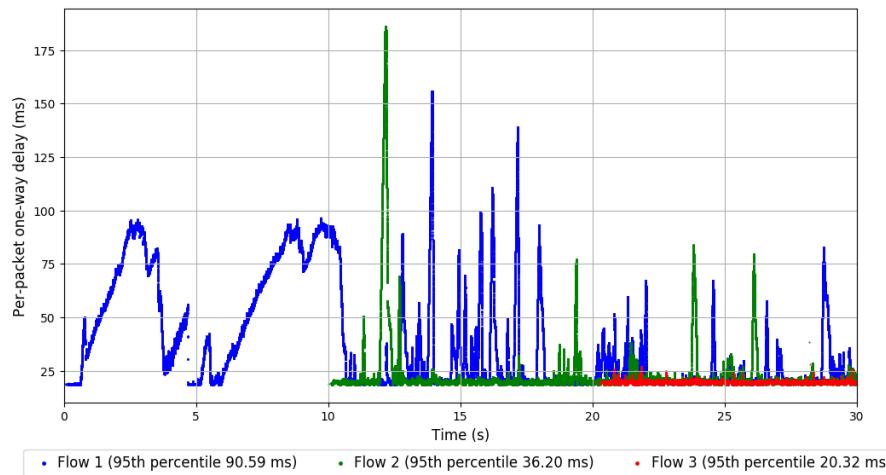
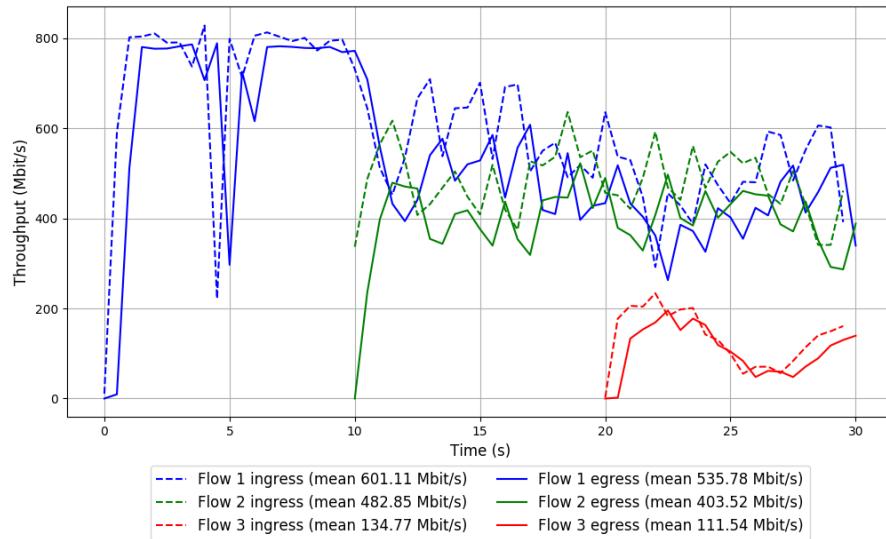


Run 4: Statistics of FillP

```
Start at: 2018-08-09 10:13:03
End at: 2018-08-09 10:13:33
Local clock offset: 3.018 ms
Remote clock offset: 1.155 ms

# Below is generated by plot.py at 2018-08-09 14:18:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 841.44 Mbit/s
95th percentile per-packet one-way delay: 88.912 ms
Loss rate: 13.00%
-- Flow 1:
Average throughput: 535.78 Mbit/s
95th percentile per-packet one-way delay: 90.589 ms
Loss rate: 10.87%
-- Flow 2:
Average throughput: 403.52 Mbit/s
95th percentile per-packet one-way delay: 36.204 ms
Loss rate: 16.42%
-- Flow 3:
Average throughput: 111.54 Mbit/s
95th percentile per-packet one-way delay: 20.318 ms
Loss rate: 17.24%
```

Run 4: Report of FillP — Data Link

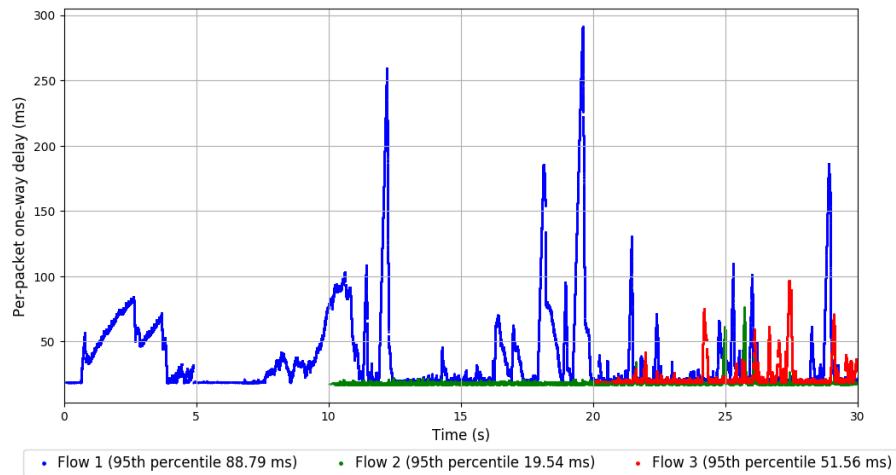
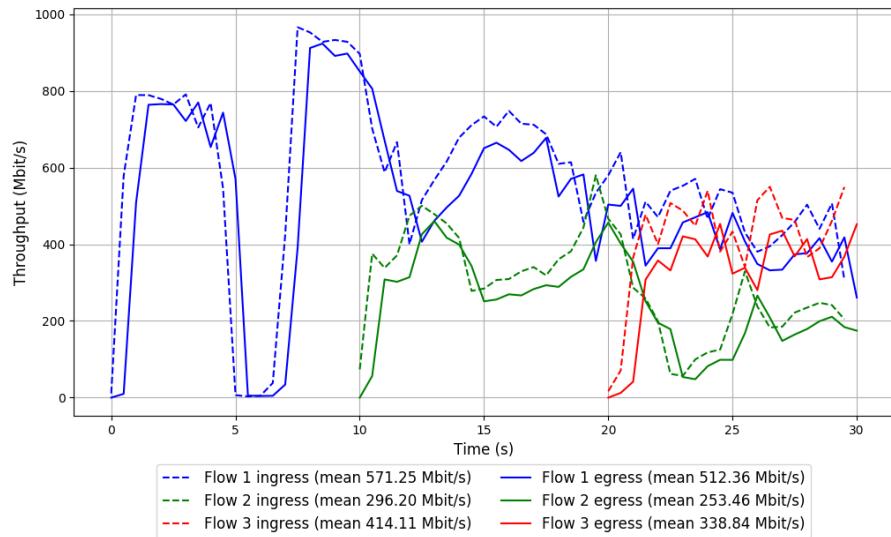


Run 5: Statistics of FillP

```
Start at: 2018-08-09 10:40:30
End at: 2018-08-09 10:41:00
Local clock offset: -0.938 ms
Remote clock offset: -0.038 ms

# Below is generated by plot.py at 2018-08-09 14:18:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 793.50 Mbit/s
95th percentile per-packet one-way delay: 79.440 ms
Loss rate: 12.40%
-- Flow 1:
Average throughput: 512.36 Mbit/s
95th percentile per-packet one-way delay: 88.792 ms
Loss rate: 10.30%
-- Flow 2:
Average throughput: 253.46 Mbit/s
95th percentile per-packet one-way delay: 19.542 ms
Loss rate: 14.42%
-- Flow 3:
Average throughput: 338.84 Mbit/s
95th percentile per-packet one-way delay: 51.556 ms
Loss rate: 18.19%
```

Run 5: Report of FillP — Data Link

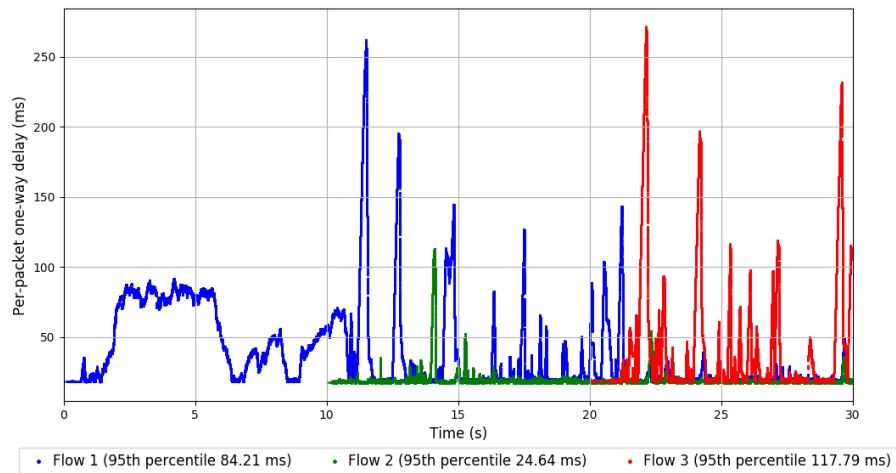
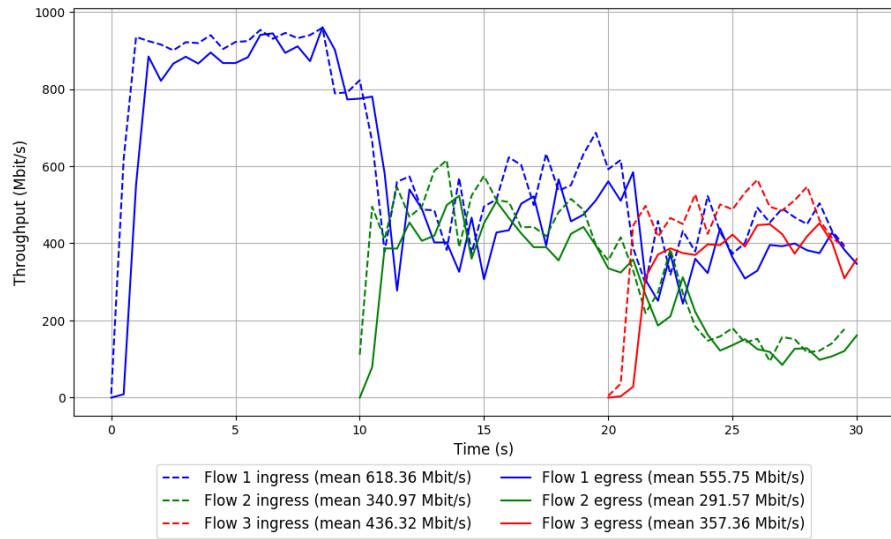


Run 6: Statistics of FillP

```
Start at: 2018-08-09 11:08:11
End at: 2018-08-09 11:08:41
Local clock offset: -0.66 ms
Remote clock offset: -0.915 ms

# Below is generated by plot.py at 2018-08-09 14:18:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 868.26 Mbit/s
95th percentile per-packet one-way delay: 83.875 ms
Loss rate: 12.29%
-- Flow 1:
Average throughput: 555.75 Mbit/s
95th percentile per-packet one-way delay: 84.210 ms
Loss rate: 10.13%
-- Flow 2:
Average throughput: 291.57 Mbit/s
95th percentile per-packet one-way delay: 24.642 ms
Loss rate: 14.49%
-- Flow 3:
Average throughput: 357.36 Mbit/s
95th percentile per-packet one-way delay: 117.794 ms
Loss rate: 18.10%
```

Run 6: Report of FillP — Data Link

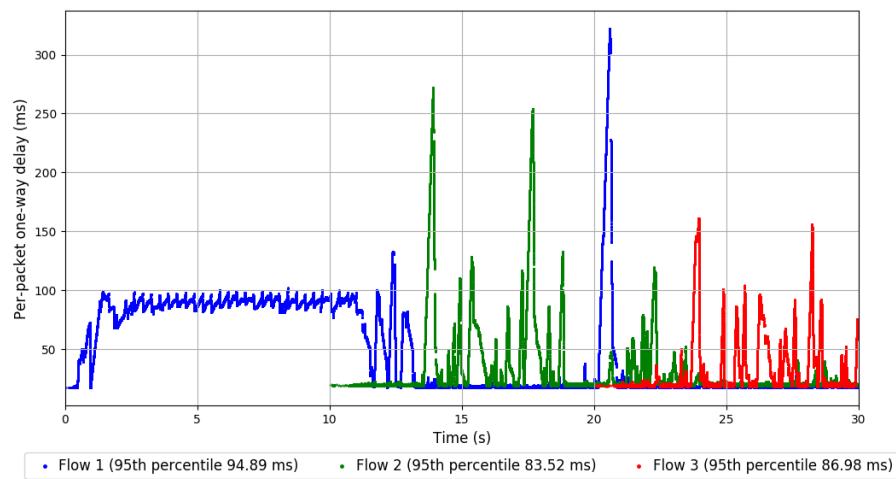
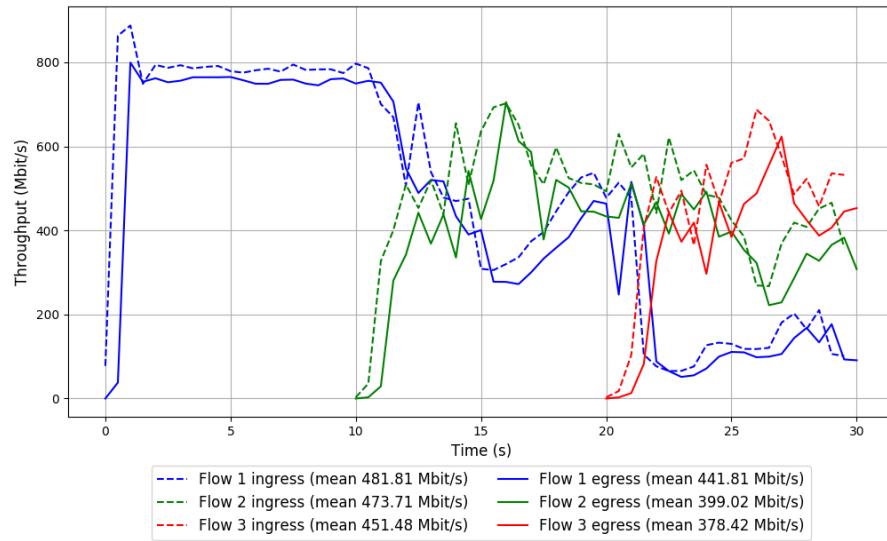


Run 7: Statistics of FillP

```
Start at: 2018-08-09 11:35:39
End at: 2018-08-09 11:36:09
Local clock offset: 2.988 ms
Remote clock offset: 0.344 ms

# Below is generated by plot.py at 2018-08-09 14:18:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 832.99 Mbit/s
95th percentile per-packet one-way delay: 94.458 ms
Loss rate: 12.04%
-- Flow 1:
Average throughput: 441.81 Mbit/s
95th percentile per-packet one-way delay: 94.890 ms
Loss rate: 8.30%
-- Flow 2:
Average throughput: 399.02 Mbit/s
95th percentile per-packet one-way delay: 83.520 ms
Loss rate: 15.77%
-- Flow 3:
Average throughput: 378.42 Mbit/s
95th percentile per-packet one-way delay: 86.976 ms
Loss rate: 16.18%
```

Run 7: Report of FillP — Data Link

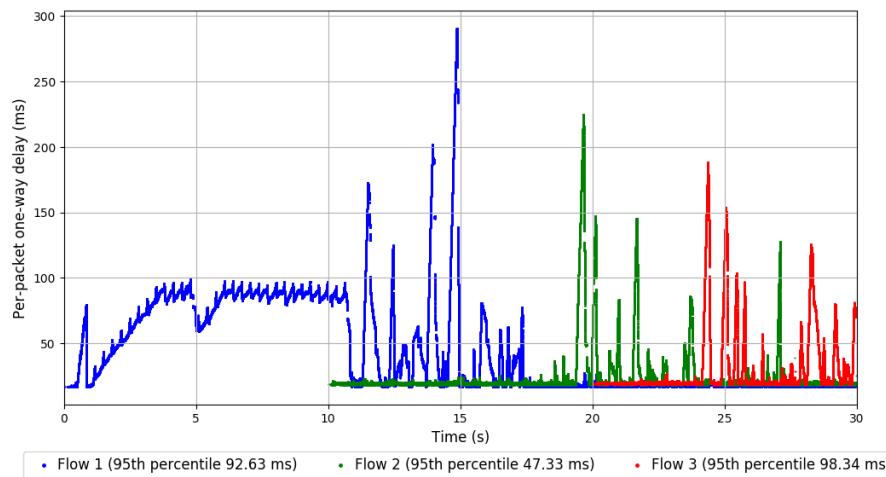
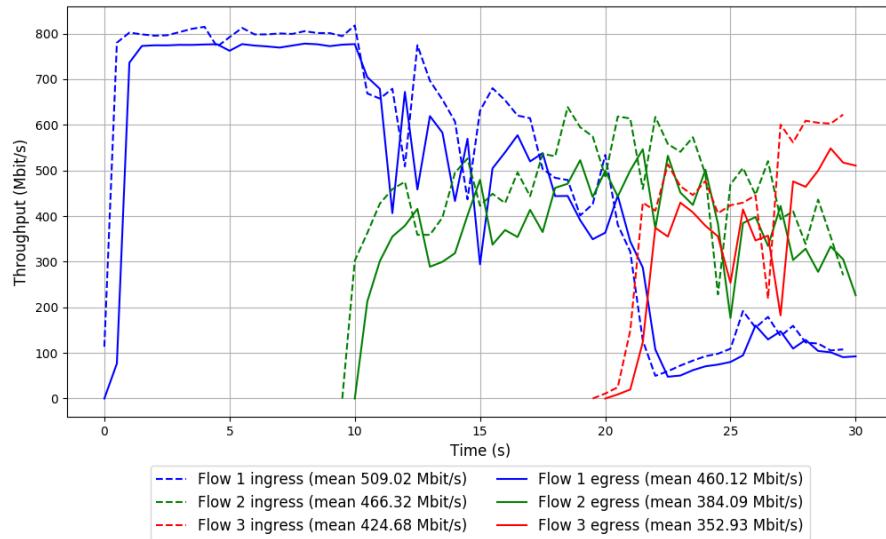


Run 8: Statistics of FillP

```
Start at: 2018-08-09 12:03:16
End at: 2018-08-09 12:03:46
Local clock offset: 0.251 ms
Remote clock offset: -0.334 ms

# Below is generated by plot.py at 2018-08-09 14:21:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 833.16 Mbit/s
95th percentile per-packet one-way delay: 91.687 ms
Loss rate: 13.26%
-- Flow 1:
Average throughput: 460.12 Mbit/s
95th percentile per-packet one-way delay: 92.629 ms
Loss rate: 9.60%
-- Flow 2:
Average throughput: 384.09 Mbit/s
95th percentile per-packet one-way delay: 47.328 ms
Loss rate: 17.61%
-- Flow 3:
Average throughput: 352.93 Mbit/s
95th percentile per-packet one-way delay: 98.342 ms
Loss rate: 16.90%
```

Run 8: Report of FillP — Data Link

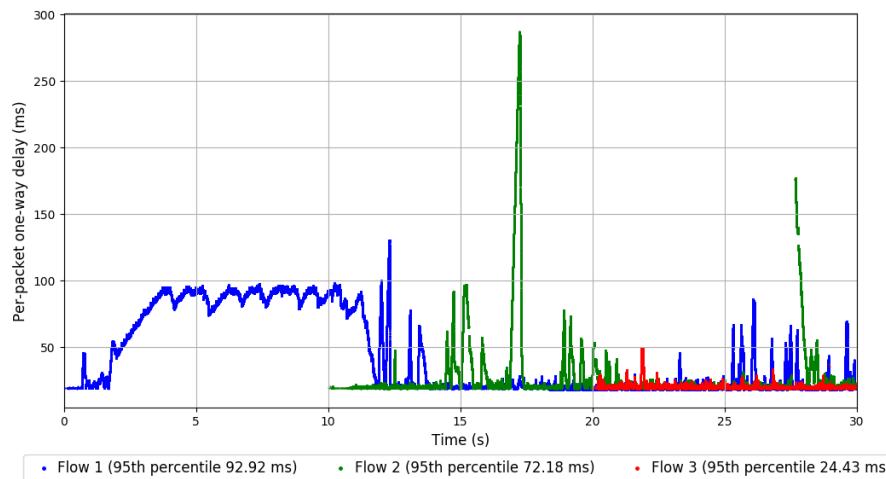
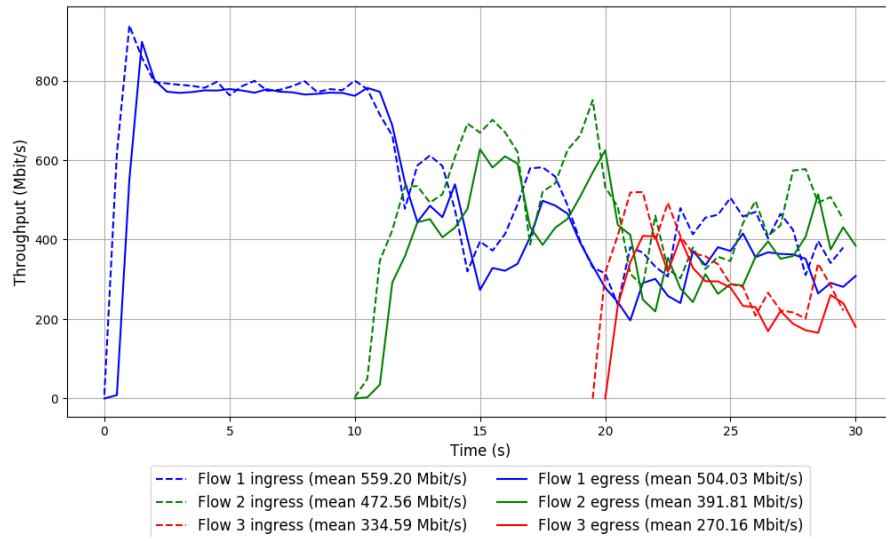


Run 9: Statistics of FillP

```
Start at: 2018-08-09 12:30:30
End at: 2018-08-09 12:31:00
Local clock offset: -2.913 ms
Remote clock offset: 2.474 ms

# Below is generated by plot.py at 2018-08-09 14:26:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 854.53 Mbit/s
95th percentile per-packet one-way delay: 92.540 ms
Loss rate: 13.24%
-- Flow 1:
Average throughput: 504.03 Mbit/s
95th percentile per-packet one-way delay: 92.924 ms
Loss rate: 9.87%
-- Flow 2:
Average throughput: 391.81 Mbit/s
95th percentile per-packet one-way delay: 72.182 ms
Loss rate: 17.09%
-- Flow 3:
Average throughput: 270.16 Mbit/s
95th percentile per-packet one-way delay: 24.432 ms
Loss rate: 19.24%
```

Run 9: Report of FillP — Data Link

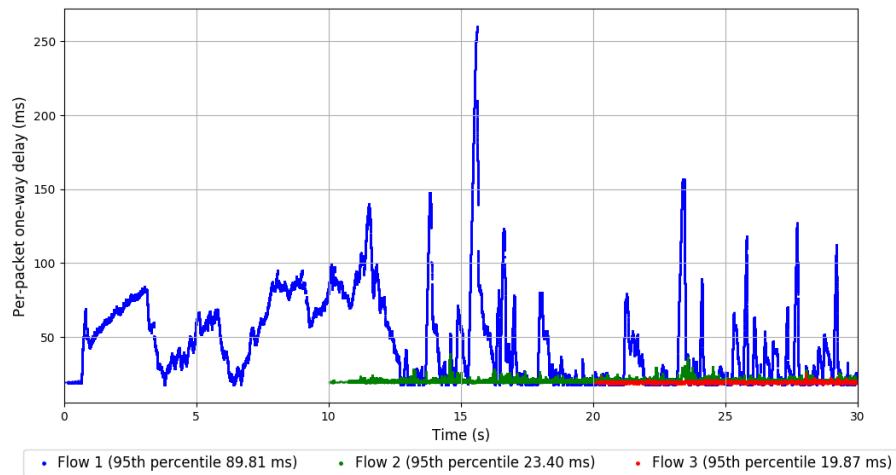
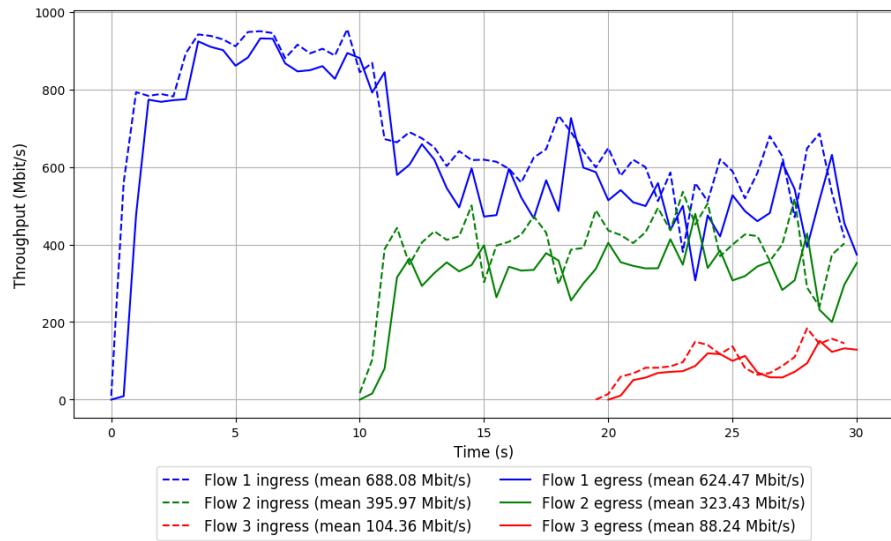


Run 10: Statistics of FillP

```
Start at: 2018-08-09 12:57:52
End at: 2018-08-09 12:58:22
Local clock offset: 1.807 ms
Remote clock offset: 3.239 ms

# Below is generated by plot.py at 2018-08-09 14:29:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 869.12 Mbit/s
95th percentile per-packet one-way delay: 86.362 ms
Loss rate: 11.88%
-- Flow 1:
Average throughput: 624.47 Mbit/s
95th percentile per-packet one-way delay: 89.811 ms
Loss rate: 9.24%
-- Flow 2:
Average throughput: 323.43 Mbit/s
95th percentile per-packet one-way delay: 23.403 ms
Loss rate: 18.32%
-- Flow 3:
Average throughput: 88.24 Mbit/s
95th percentile per-packet one-way delay: 19.870 ms
Loss rate: 15.44%
```

Run 10: Report of FillP — Data Link

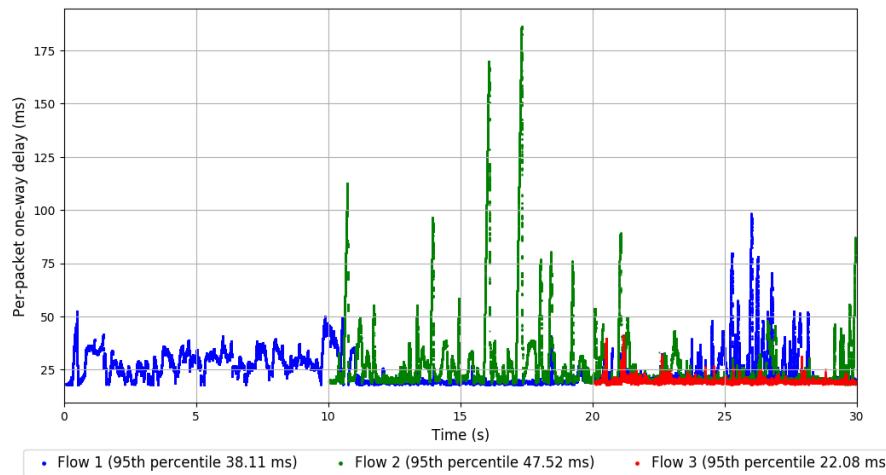
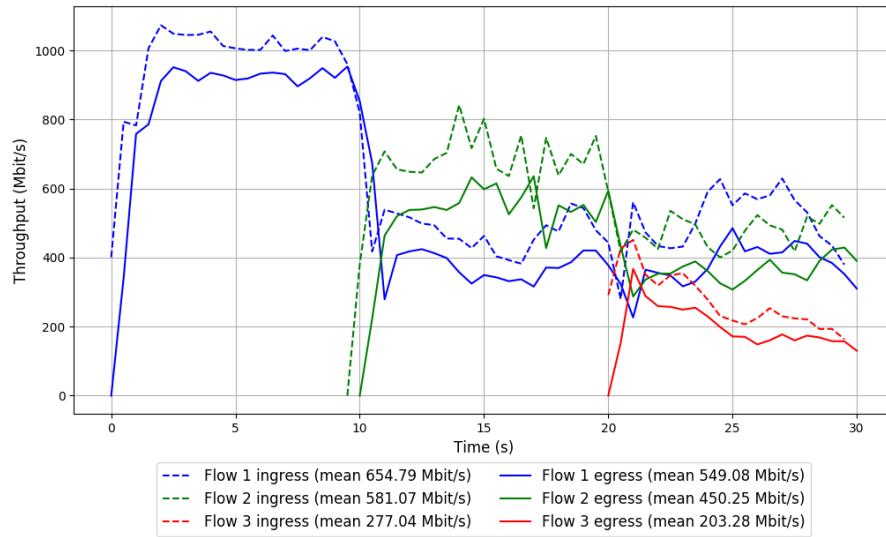


Run 1: Statistics of FillP-Sheep

```
Start at: 2018-08-09 09:05:44
End at: 2018-08-09 09:06:14
Local clock offset: 4.299 ms
Remote clock offset: 2.503 ms

# Below is generated by plot.py at 2018-08-09 14:30:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 916.36 Mbit/s
95th percentile per-packet one-way delay: 39.416 ms
Loss rate: 19.16%
-- Flow 1:
Average throughput: 549.08 Mbit/s
95th percentile per-packet one-way delay: 38.109 ms
Loss rate: 16.14%
-- Flow 2:
Average throughput: 450.25 Mbit/s
95th percentile per-packet one-way delay: 47.519 ms
Loss rate: 22.51%
-- Flow 3:
Average throughput: 203.28 Mbit/s
95th percentile per-packet one-way delay: 22.080 ms
Loss rate: 26.62%
```

Run 1: Report of FillP-Sheep — Data Link

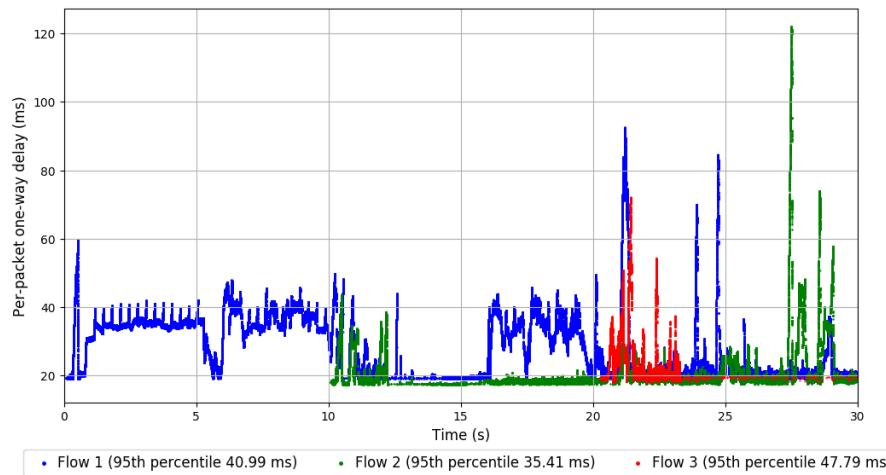
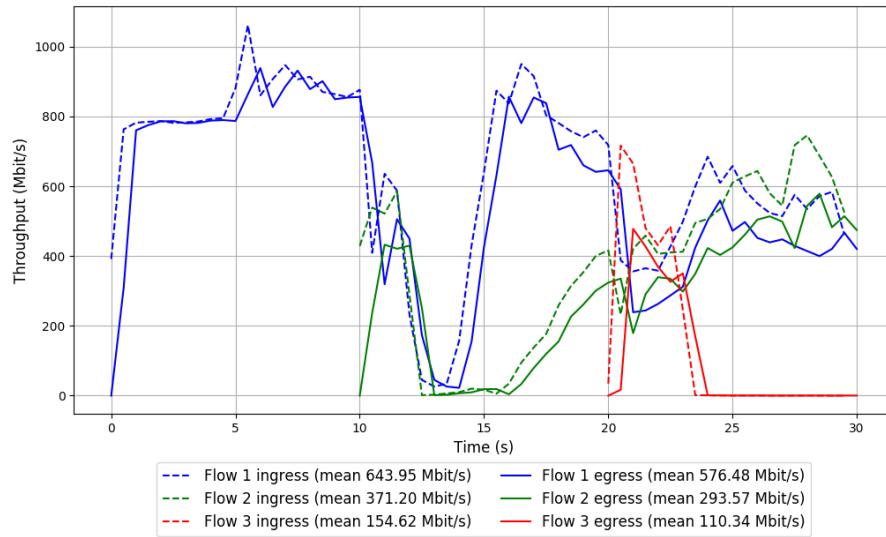


Run 2: Statistics of FillP-Sheep

```
Start at: 2018-08-09 09:33:09
End at: 2018-08-09 09:33:39
Local clock offset: 8.113 ms
Remote clock offset: 3.523 ms

# Below is generated by plot.py at 2018-08-09 14:30:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 807.67 Mbit/s
95th percentile per-packet one-way delay: 40.825 ms
Loss rate: 14.28%
-- Flow 1:
Average throughput: 576.48 Mbit/s
95th percentile per-packet one-way delay: 40.992 ms
Loss rate: 10.48%
-- Flow 2:
Average throughput: 293.57 Mbit/s
95th percentile per-packet one-way delay: 35.414 ms
Loss rate: 20.91%
-- Flow 3:
Average throughput: 110.34 Mbit/s
95th percentile per-packet one-way delay: 47.793 ms
Loss rate: 30.08%
```

Run 2: Report of FillP-Sheep — Data Link

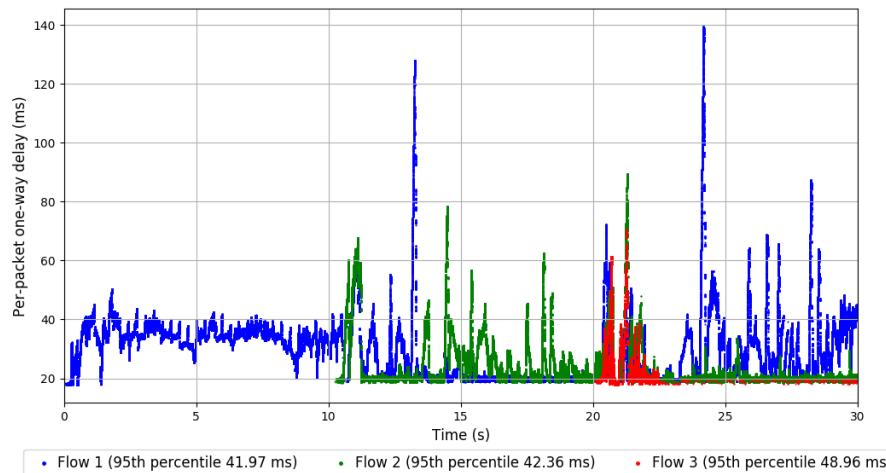
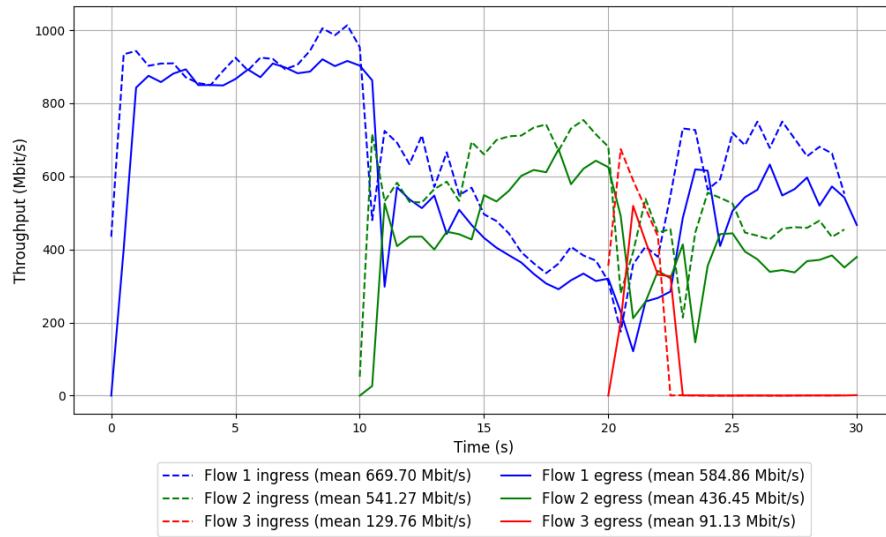


Run 3: Statistics of FillP-Sheep

```
Start at: 2018-08-09 10:00:40
End at: 2018-08-09 10:01:10
Local clock offset: 4.051 ms
Remote clock offset: 3.184 ms

# Below is generated by plot.py at 2018-08-09 14:31:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 902.56 Mbit/s
95th percentile per-packet one-way delay: 42.128 ms
Loss rate: 15.87%
-- Flow 1:
Average throughput: 584.86 Mbit/s
95th percentile per-packet one-way delay: 41.966 ms
Loss rate: 12.66%
-- Flow 2:
Average throughput: 436.45 Mbit/s
95th percentile per-packet one-way delay: 42.359 ms
Loss rate: 20.17%
-- Flow 3:
Average throughput: 91.13 Mbit/s
95th percentile per-packet one-way delay: 48.960 ms
Loss rate: 29.81%
```

Run 3: Report of FillP-Sheep — Data Link

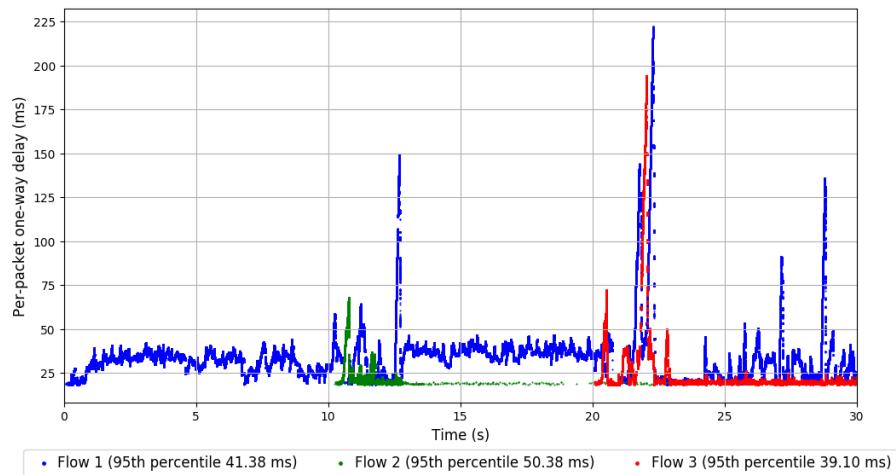
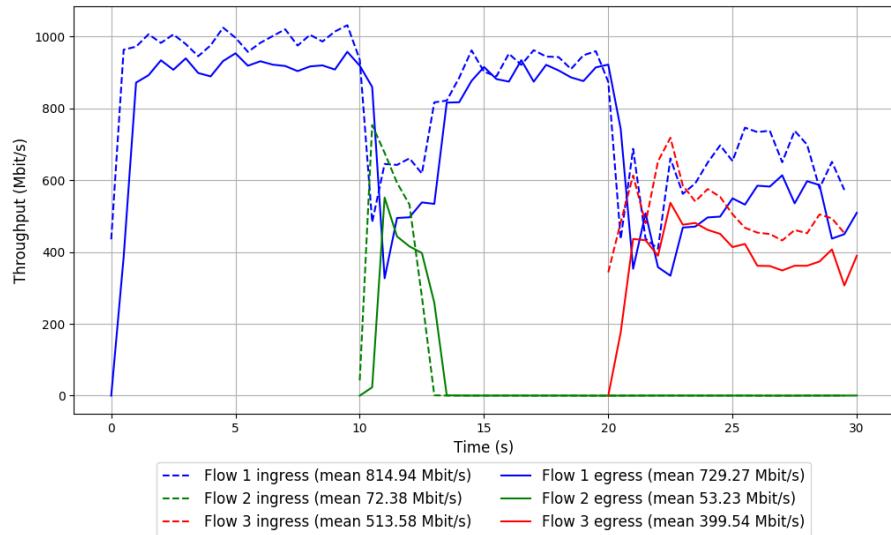


Run 4: Statistics of FillP-Sheep

```
Start at: 2018-08-09 10:28:09
End at: 2018-08-09 10:28:39
Local clock offset: 0.098 ms
Remote clock offset: 0.312 ms

# Below is generated by plot.py at 2018-08-09 14:31:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 896.91 Mbit/s
95th percentile per-packet one-way delay: 41.401 ms
Loss rate: 13.22%
-- Flow 1:
Average throughput: 729.27 Mbit/s
95th percentile per-packet one-way delay: 41.379 ms
Loss rate: 10.51%
-- Flow 2:
Average throughput: 53.23 Mbit/s
95th percentile per-packet one-way delay: 50.380 ms
Loss rate: 27.21%
-- Flow 3:
Average throughput: 399.54 Mbit/s
95th percentile per-packet one-way delay: 39.101 ms
Loss rate: 22.21%
```

Run 4: Report of FillP-Sheep — Data Link

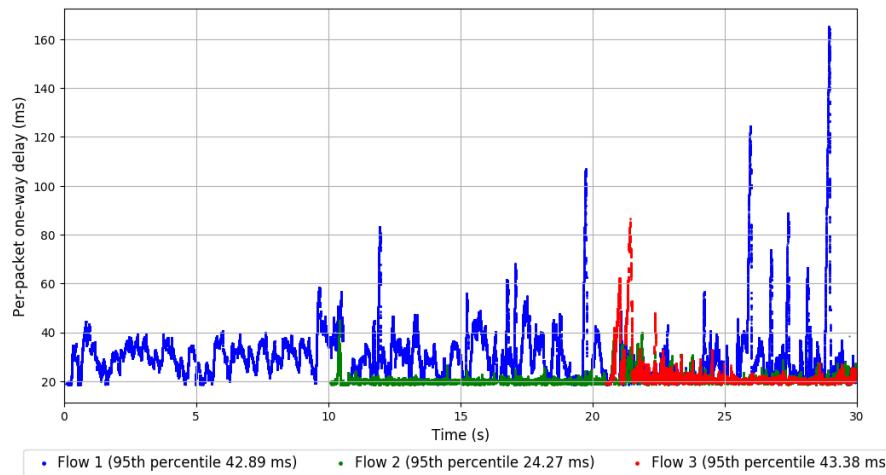
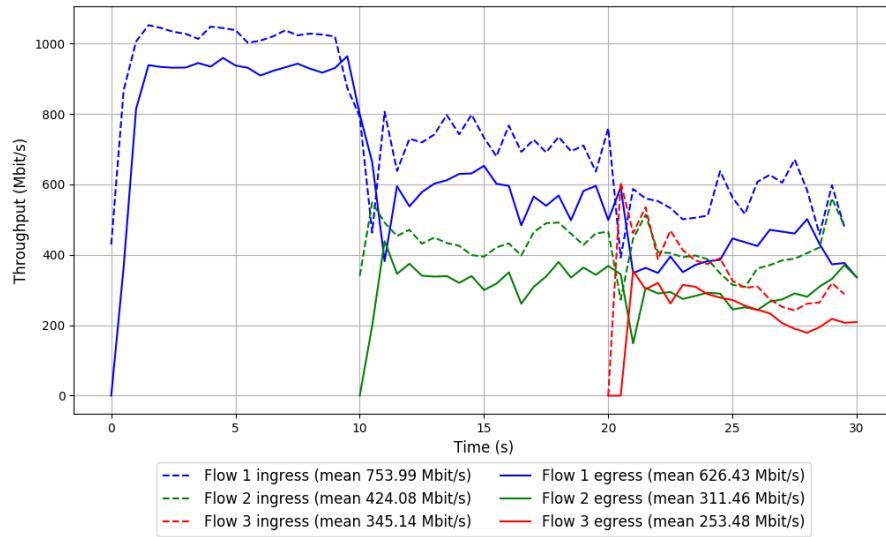


Run 5: Statistics of FillP-Sheep

```
Start at: 2018-08-09 10:55:45
End at: 2018-08-09 10:56:15
Local clock offset: -0.621 ms
Remote clock offset: -0.602 ms

# Below is generated by plot.py at 2018-08-09 14:32:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 914.46 Mbit/s
95th percentile per-packet one-way delay: 41.293 ms
Loss rate: 20.54%
-- Flow 1:
Average throughput: 626.43 Mbit/s
95th percentile per-packet one-way delay: 42.887 ms
Loss rate: 16.91%
-- Flow 2:
Average throughput: 311.46 Mbit/s
95th percentile per-packet one-way delay: 24.268 ms
Loss rate: 26.55%
-- Flow 3:
Average throughput: 253.48 Mbit/s
95th percentile per-packet one-way delay: 43.384 ms
Loss rate: 29.54%
```

Run 5: Report of FillP-Sheep — Data Link

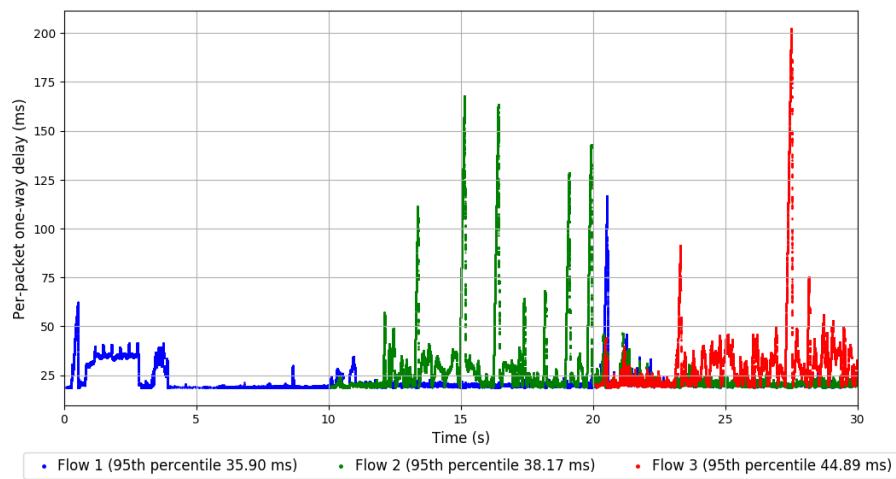
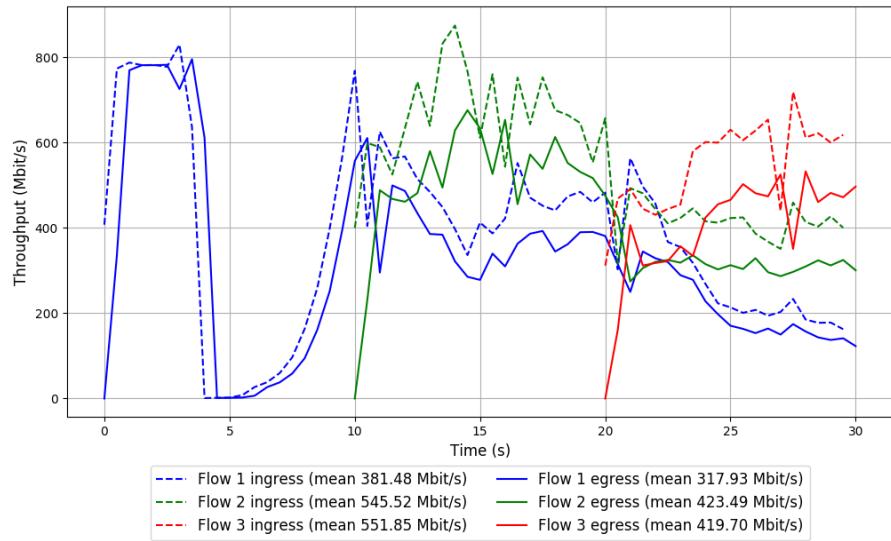


Run 6: Statistics of FillP-Sheep

```
Start at: 2018-08-09 11:23:24
End at: 2018-08-09 11:23:54
Local clock offset: 1.574 ms
Remote clock offset: 0.248 ms

# Below is generated by plot.py at 2018-08-09 14:33:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 738.96 Mbit/s
95th percentile per-packet one-way delay: 38.779 ms
Loss rate: 20.33%
-- Flow 1:
Average throughput: 317.93 Mbit/s
95th percentile per-packet one-way delay: 35.898 ms
Loss rate: 16.66%
-- Flow 2:
Average throughput: 423.49 Mbit/s
95th percentile per-packet one-way delay: 38.168 ms
Loss rate: 22.36%
-- Flow 3:
Average throughput: 419.70 Mbit/s
95th percentile per-packet one-way delay: 44.886 ms
Loss rate: 23.94%
```

Run 6: Report of FillP-Sheep — Data Link

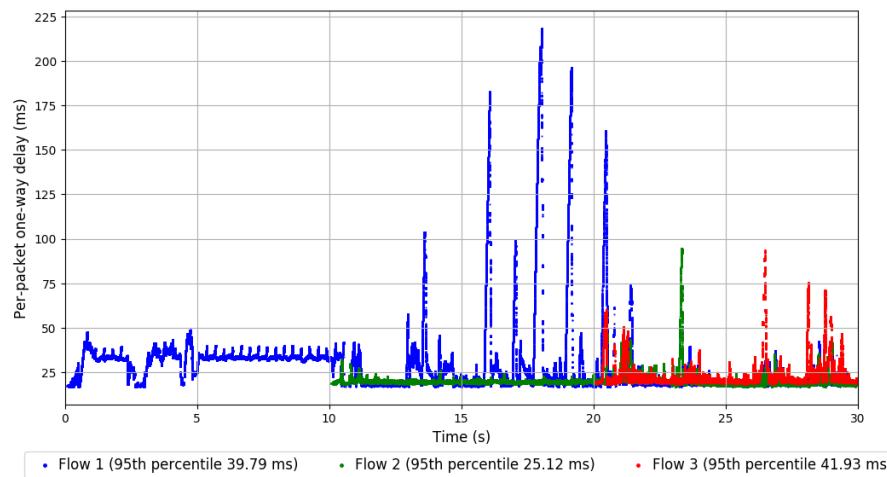
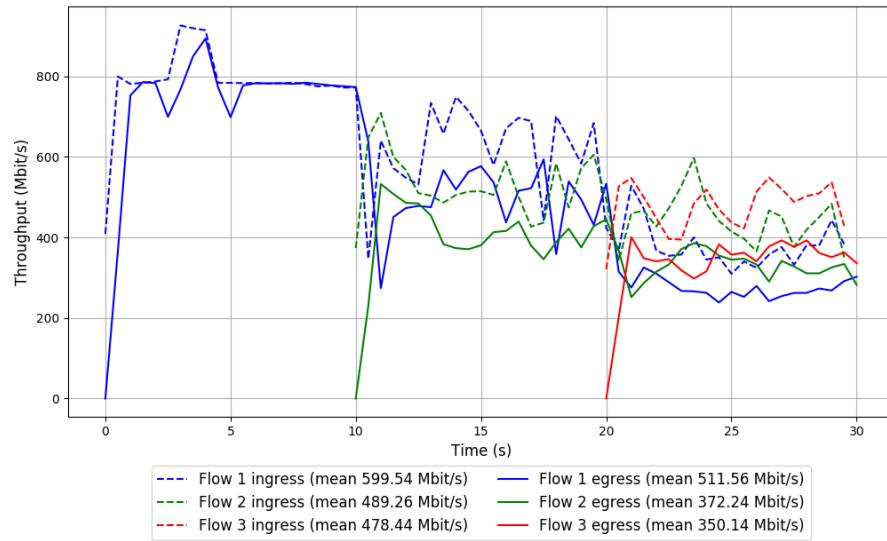


Run 7: Statistics of FillP-Sheep

```
Start at: 2018-08-09 11:50:50
End at: 2018-08-09 11:51:20
Local clock offset: 1.972 ms
Remote clock offset: 0.024 ms

# Below is generated by plot.py at 2018-08-09 14:41:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 875.56 Mbit/s
95th percentile per-packet one-way delay: 38.416 ms
Loss rate: 19.23%
-- Flow 1:
Average throughput: 511.56 Mbit/s
95th percentile per-packet one-way delay: 39.791 ms
Loss rate: 14.67%
-- Flow 2:
Average throughput: 372.24 Mbit/s
95th percentile per-packet one-way delay: 25.121 ms
Loss rate: 23.92%
-- Flow 3:
Average throughput: 350.14 Mbit/s
95th percentile per-packet one-way delay: 41.932 ms
Loss rate: 26.81%
```

Run 7: Report of FillP-Sheep — Data Link

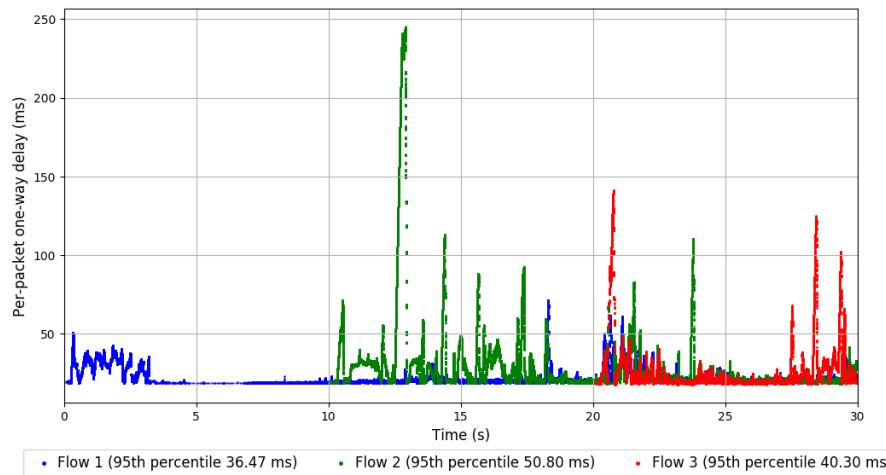
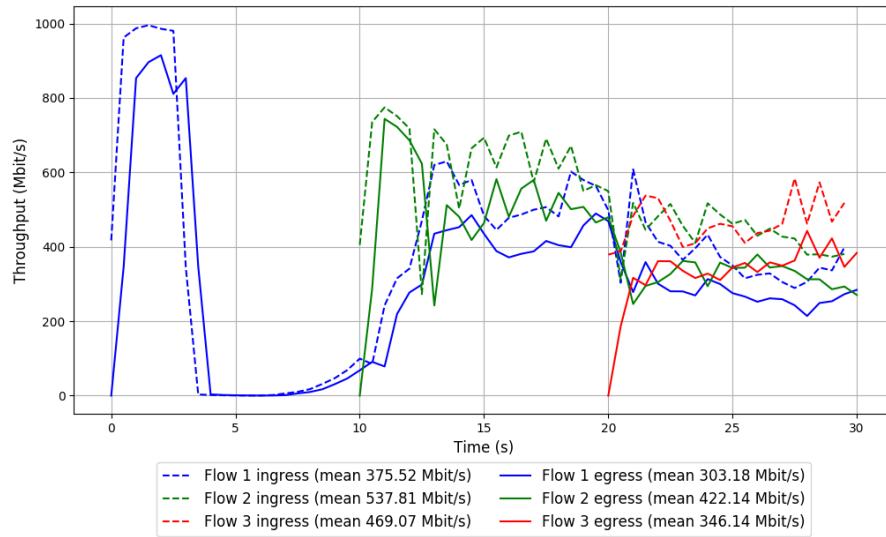


Run 8: Statistics of FillP-Sheep

```
Start at: 2018-08-09 12:18:16
End at: 2018-08-09 12:18:46
Local clock offset: -1.045 ms
Remote clock offset: 0.05 ms

# Below is generated by plot.py at 2018-08-09 14:41:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 699.15 Mbit/s
95th percentile per-packet one-way delay: 40.647 ms
Loss rate: 21.37%
-- Flow 1:
Average throughput: 303.18 Mbit/s
95th percentile per-packet one-way delay: 36.465 ms
Loss rate: 19.26%
-- Flow 2:
Average throughput: 422.14 Mbit/s
95th percentile per-packet one-way delay: 50.795 ms
Loss rate: 21.50%
-- Flow 3:
Average throughput: 346.14 Mbit/s
95th percentile per-packet one-way delay: 40.299 ms
Loss rate: 26.15%
```

Run 8: Report of FillP-Sheep — Data Link

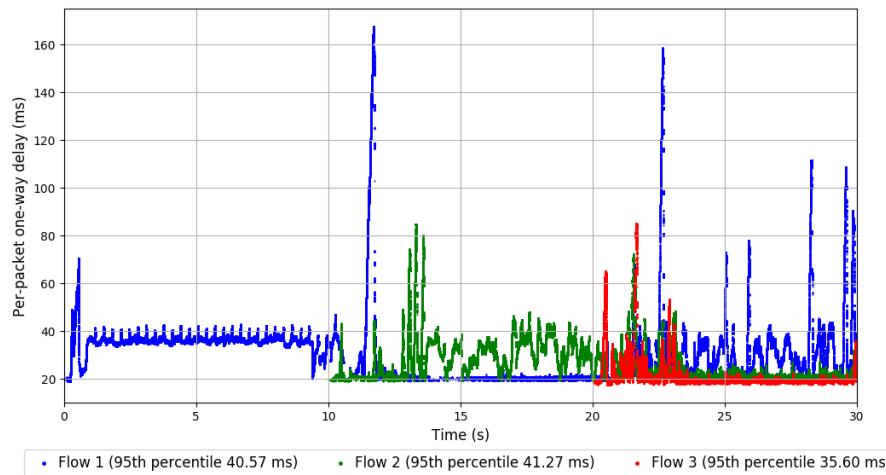
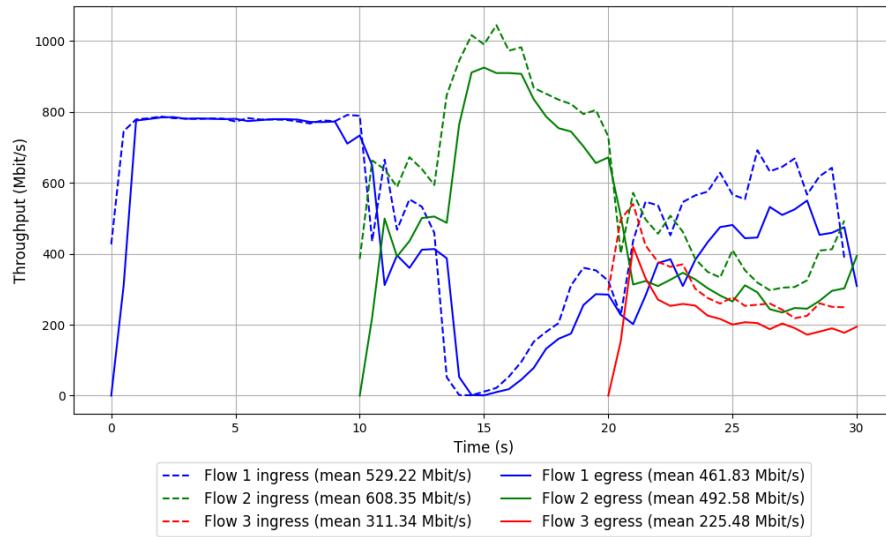


Run 9: Statistics of FillP-Sheep

```
Start at: 2018-08-09 12:45:32
End at: 2018-08-09 12:46:02
Local clock offset: -4.049 ms
Remote clock offset: 3.338 ms

# Below is generated by plot.py at 2018-08-09 14:42:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 864.80 Mbit/s
95th percentile per-packet one-way delay: 40.786 ms
Loss rate: 16.67%
-- Flow 1:
Average throughput: 461.83 Mbit/s
95th percentile per-packet one-way delay: 40.567 ms
Loss rate: 12.73%
-- Flow 2:
Average throughput: 492.58 Mbit/s
95th percentile per-packet one-way delay: 41.269 ms
Loss rate: 19.03%
-- Flow 3:
Average throughput: 225.48 Mbit/s
95th percentile per-packet one-way delay: 35.602 ms
Loss rate: 27.56%
```

Run 9: Report of FillP-Sheep — Data Link

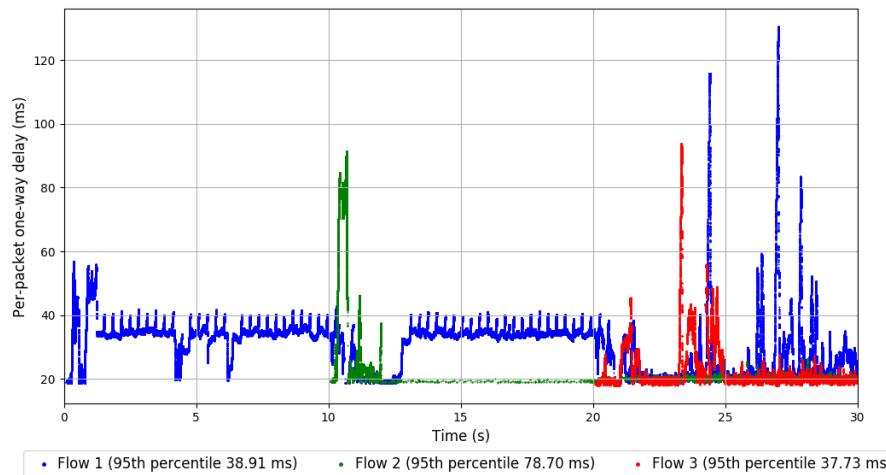
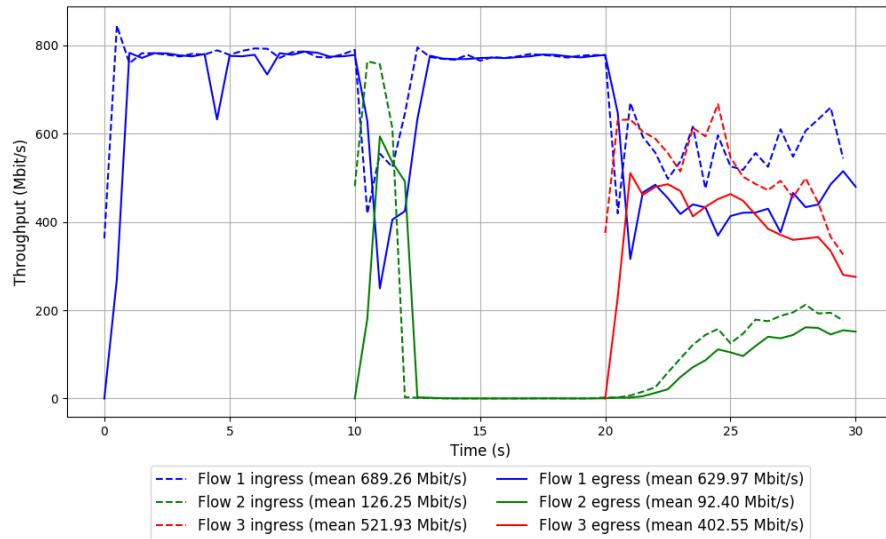


Run 10: Statistics of FillP-Sheep

```
Start at: 2018-08-09 13:13:00
End at: 2018-08-09 13:13:30
Local clock offset: 3.917 ms
Remote clock offset: 2.957 ms

# Below is generated by plot.py at 2018-08-09 14:43:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 824.97 Mbit/s
95th percentile per-packet one-way delay: 39.153 ms
Loss rate: 12.82%
-- Flow 1:
Average throughput: 629.97 Mbit/s
95th percentile per-packet one-way delay: 38.905 ms
Loss rate: 8.59%
-- Flow 2:
Average throughput: 92.40 Mbit/s
95th percentile per-packet one-way delay: 78.700 ms
Loss rate: 26.81%
-- Flow 3:
Average throughput: 402.55 Mbit/s
95th percentile per-packet one-way delay: 37.734 ms
Loss rate: 22.87%
```

Run 10: Report of FillP-Sheep — Data Link

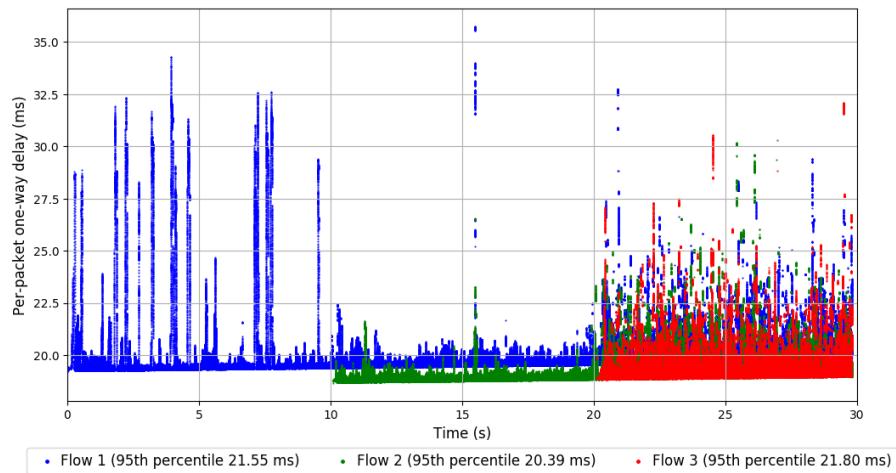
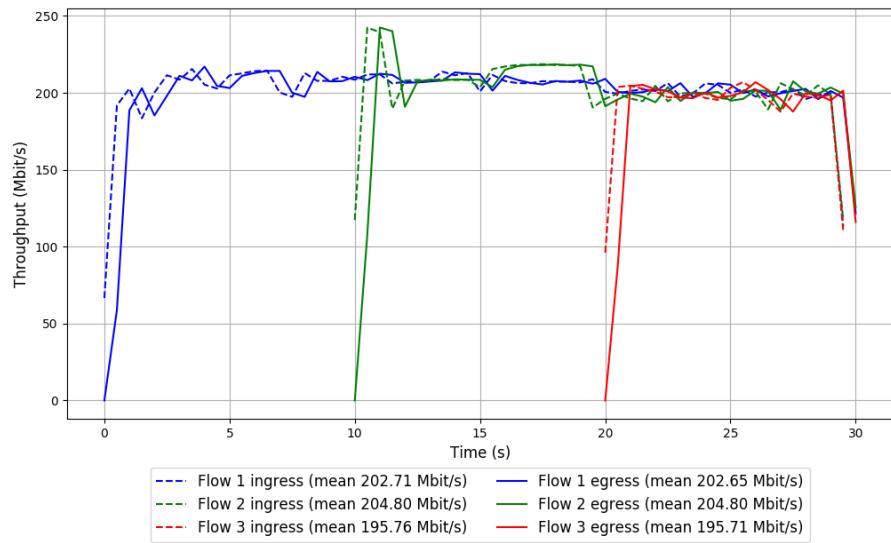


Run 1: Statistics of Indigo

```
Start at: 2018-08-09 08:47:16
End at: 2018-08-09 08:47:46
Local clock offset: -3.851 ms
Remote clock offset: -1.287 ms

# Below is generated by plot.py at 2018-08-09 14:43:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 401.76 Mbit/s
95th percentile per-packet one-way delay: 21.187 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 202.65 Mbit/s
95th percentile per-packet one-way delay: 21.548 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 204.80 Mbit/s
95th percentile per-packet one-way delay: 20.389 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 195.71 Mbit/s
95th percentile per-packet one-way delay: 21.797 ms
Loss rate: 0.01%
```

Run 1: Report of Indigo — Data Link

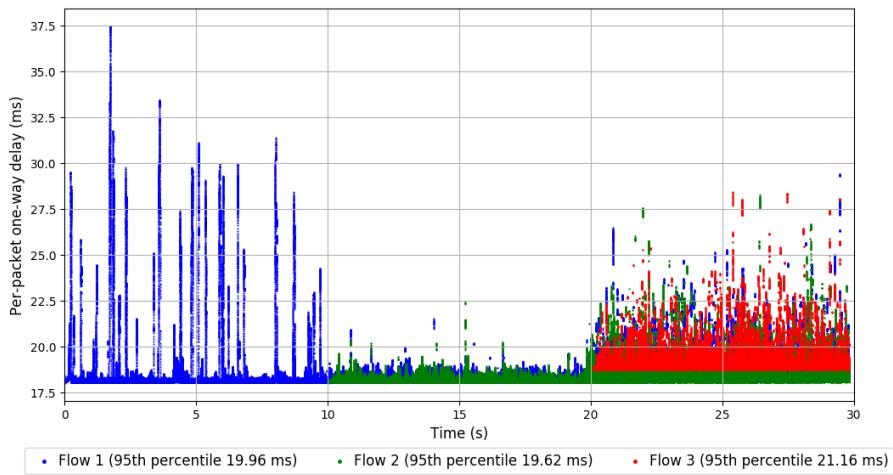
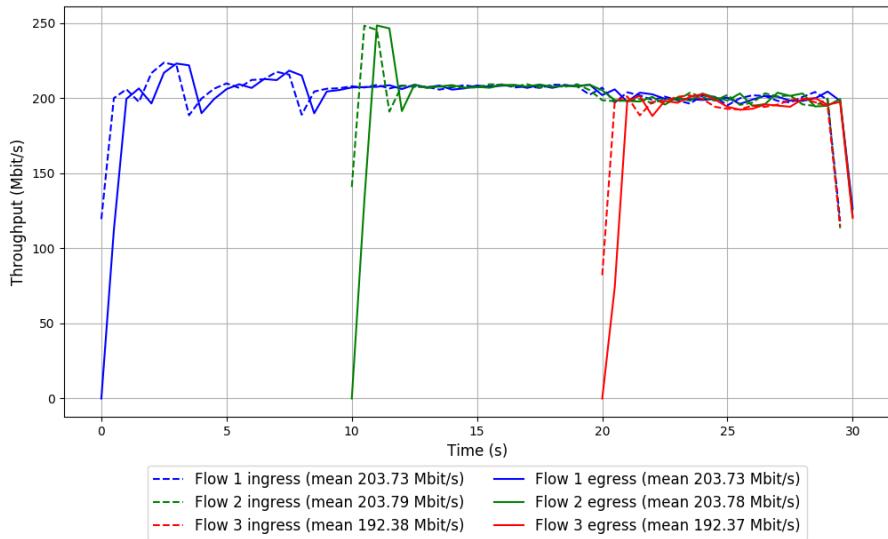


Run 2: Statistics of Indigo

```
Start at: 2018-08-09 09:14:51
End at: 2018-08-09 09:15:21
Local clock offset: 5.91 ms
Remote clock offset: 3.482 ms

# Below is generated by plot.py at 2018-08-09 14:43:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 401.58 Mbit/s
95th percentile per-packet one-way delay: 20.217 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 203.73 Mbit/s
95th percentile per-packet one-way delay: 19.964 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 203.78 Mbit/s
95th percentile per-packet one-way delay: 19.624 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 192.37 Mbit/s
95th percentile per-packet one-way delay: 21.164 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo — Data Link

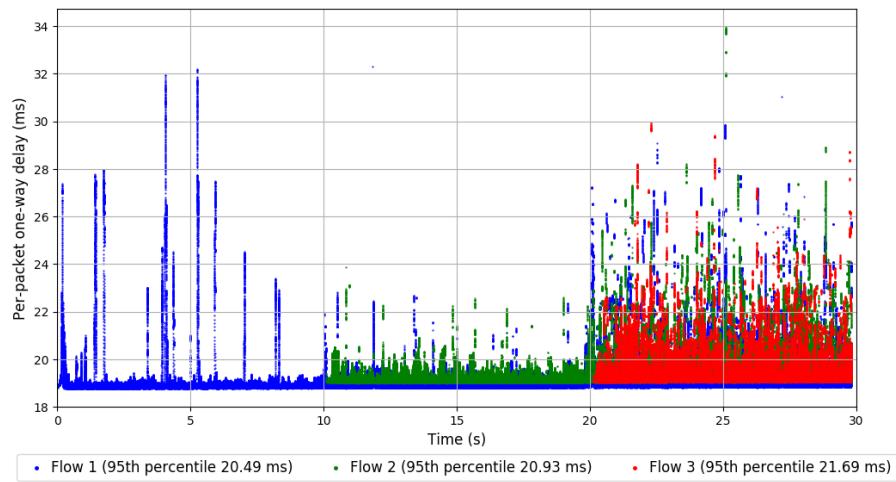
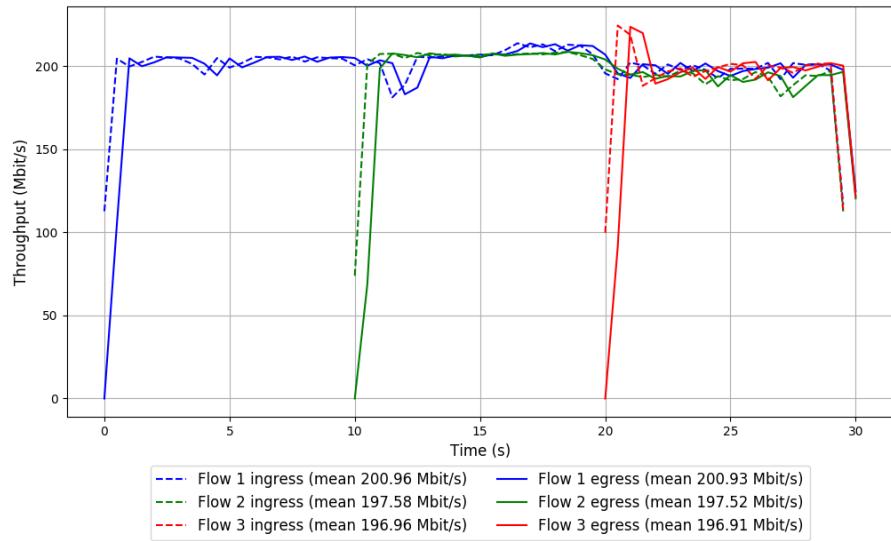


Run 3: Statistics of Indigo

```
Start at: 2018-08-09 09:42:11
End at: 2018-08-09 09:42:41
Local clock offset: 9.179 ms
Remote clock offset: 3.211 ms

# Below is generated by plot.py at 2018-08-09 14:43:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 395.67 Mbit/s
95th percentile per-packet one-way delay: 20.927 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 200.93 Mbit/s
95th percentile per-packet one-way delay: 20.490 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 197.52 Mbit/s
95th percentile per-packet one-way delay: 20.930 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 196.91 Mbit/s
95th percentile per-packet one-way delay: 21.687 ms
Loss rate: 0.02%
```

Run 3: Report of Indigo — Data Link

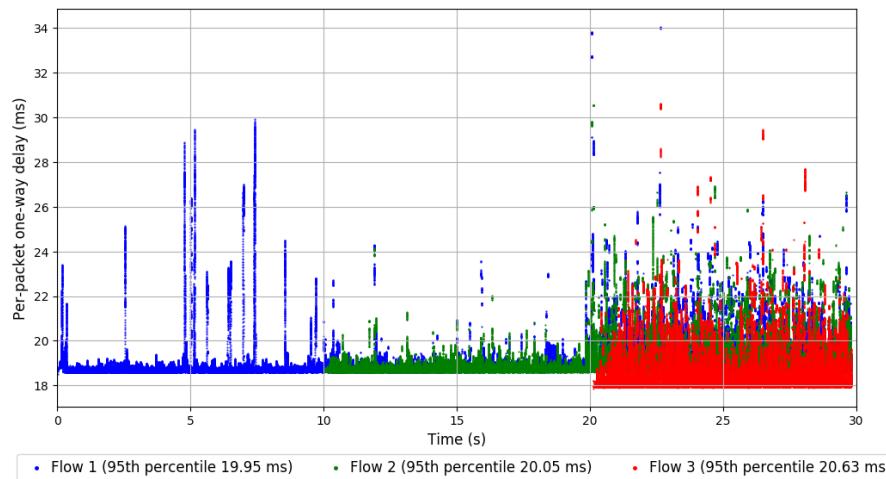
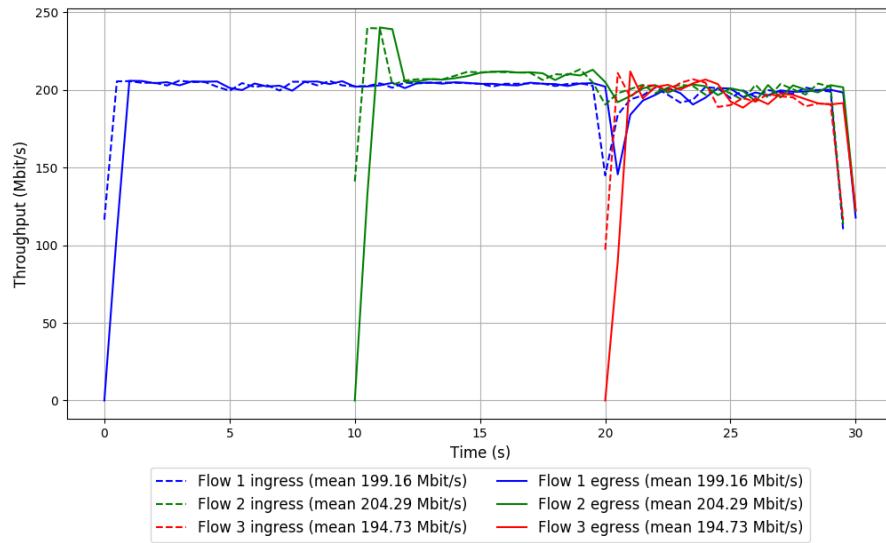


Run 4: Statistics of Indigo

```
Start at: 2018-08-09 10:09:47
End at: 2018-08-09 10:10:17
Local clock offset: 3.188 ms
Remote clock offset: 1.443 ms

# Below is generated by plot.py at 2018-08-09 14:43:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 397.98 Mbit/s
95th percentile per-packet one-way delay: 20.132 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 199.16 Mbit/s
95th percentile per-packet one-way delay: 19.950 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 204.29 Mbit/s
95th percentile per-packet one-way delay: 20.047 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 194.73 Mbit/s
95th percentile per-packet one-way delay: 20.630 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo — Data Link

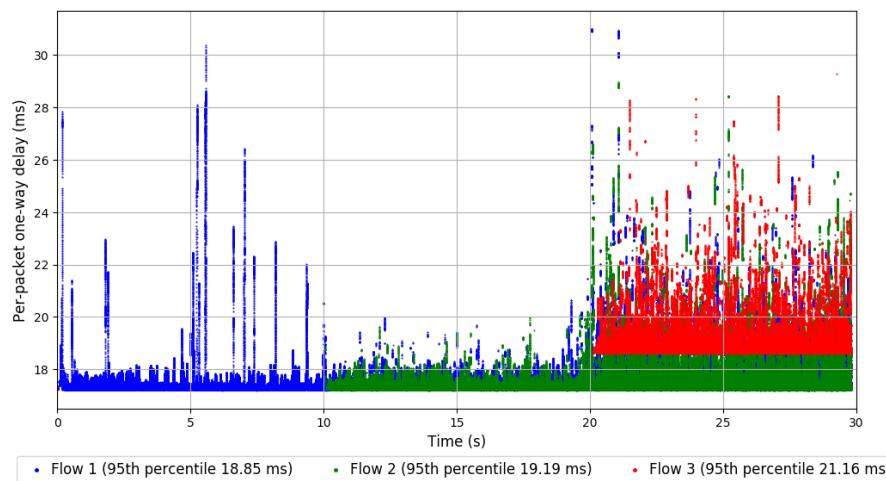
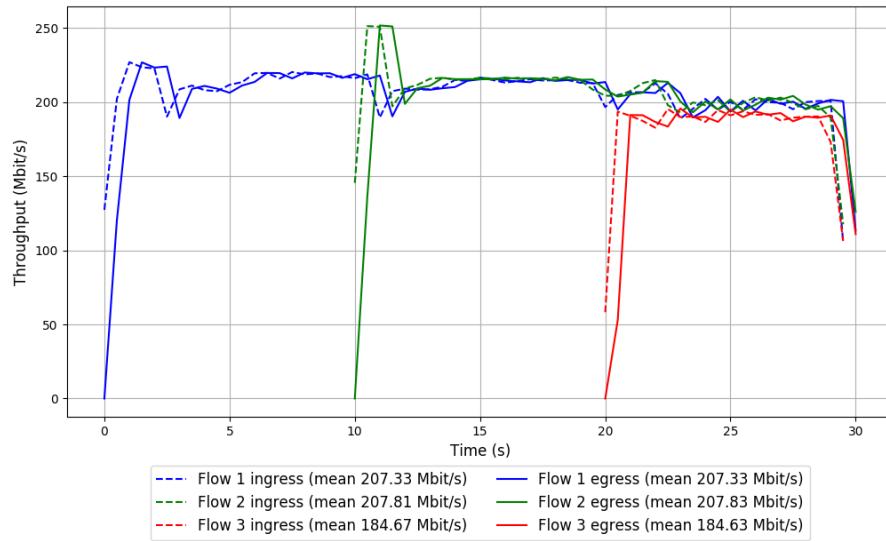


Run 5: Statistics of Indigo

```
Start at: 2018-08-09 10:37:16
End at: 2018-08-09 10:37:46
Local clock offset: -0.714 ms
Remote clock offset: 0.07 ms

# Below is generated by plot.py at 2018-08-09 14:43:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 405.06 Mbit/s
95th percentile per-packet one-way delay: 19.675 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 207.33 Mbit/s
95th percentile per-packet one-way delay: 18.853 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 207.83 Mbit/s
95th percentile per-packet one-way delay: 19.194 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 184.63 Mbit/s
95th percentile per-packet one-way delay: 21.158 ms
Loss rate: 0.03%
```

Run 5: Report of Indigo — Data Link

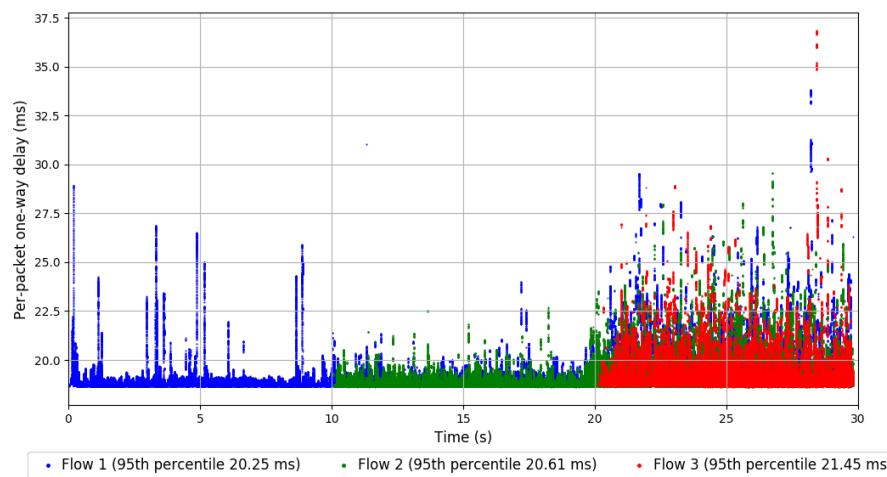
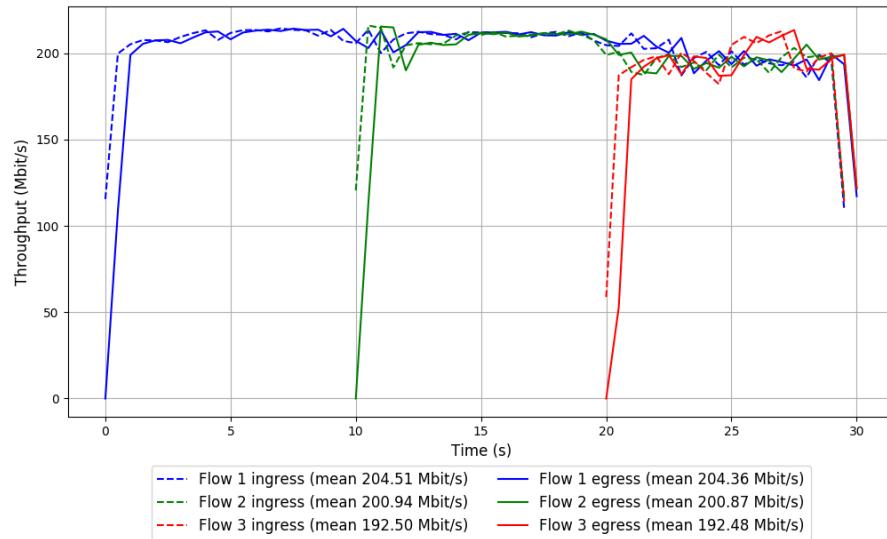


Run 6: Statistics of Indigo

```
Start at: 2018-08-09 11:04:59
End at: 2018-08-09 11:05:29
Local clock offset: -0.63 ms
Remote clock offset: -0.91 ms

# Below is generated by plot.py at 2018-08-09 14:43:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 399.78 Mbit/s
95th percentile per-packet one-way delay: 20.620 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 204.36 Mbit/s
95th percentile per-packet one-way delay: 20.249 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 200.87 Mbit/s
95th percentile per-packet one-way delay: 20.613 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 192.48 Mbit/s
95th percentile per-packet one-way delay: 21.450 ms
Loss rate: 0.02%
```

Run 6: Report of Indigo — Data Link

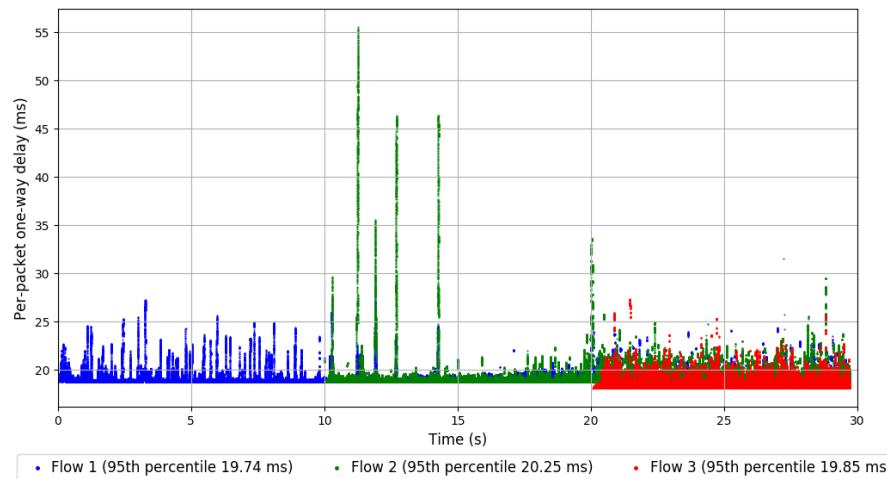
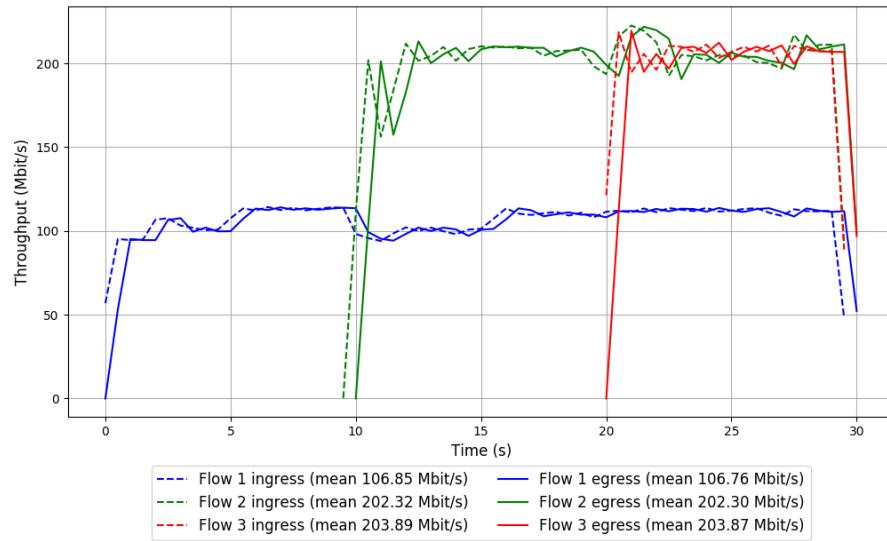


Run 7: Statistics of Indigo

```
Start at: 2018-08-09 11:32:32
End at: 2018-08-09 11:33:02
Local clock offset: 2.823 ms
Remote clock offset: 0.392 ms

# Below is generated by plot.py at 2018-08-09 14:43:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 307.27 Mbit/s
95th percentile per-packet one-way delay: 19.993 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 106.76 Mbit/s
95th percentile per-packet one-way delay: 19.743 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 202.30 Mbit/s
95th percentile per-packet one-way delay: 20.245 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 203.87 Mbit/s
95th percentile per-packet one-way delay: 19.846 ms
Loss rate: 0.02%
```

Run 7: Report of Indigo — Data Link

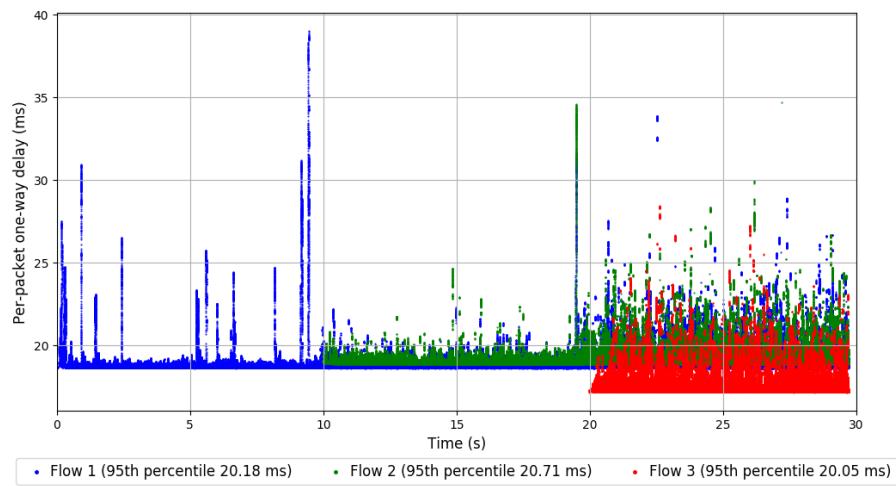
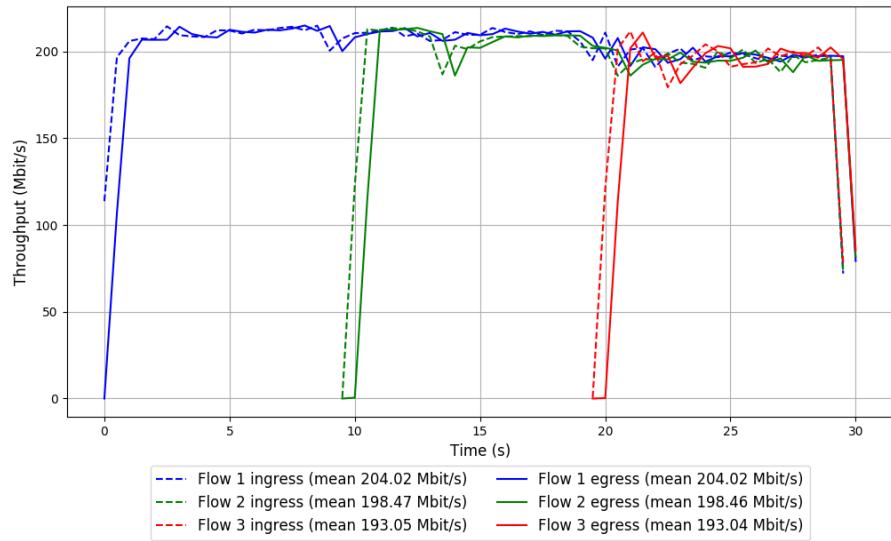


Run 8: Statistics of Indigo

```
Start at: 2018-08-09 12:00:03
End at: 2018-08-09 12:00:33
Local clock offset: 0.538 ms
Remote clock offset: -0.149 ms

# Below is generated by plot.py at 2018-08-09 14:43:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 399.18 Mbit/s
95th percentile per-packet one-way delay: 20.380 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 204.02 Mbit/s
95th percentile per-packet one-way delay: 20.177 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 198.46 Mbit/s
95th percentile per-packet one-way delay: 20.711 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 193.04 Mbit/s
95th percentile per-packet one-way delay: 20.050 ms
Loss rate: 0.00%
```

Run 8: Report of Indigo — Data Link

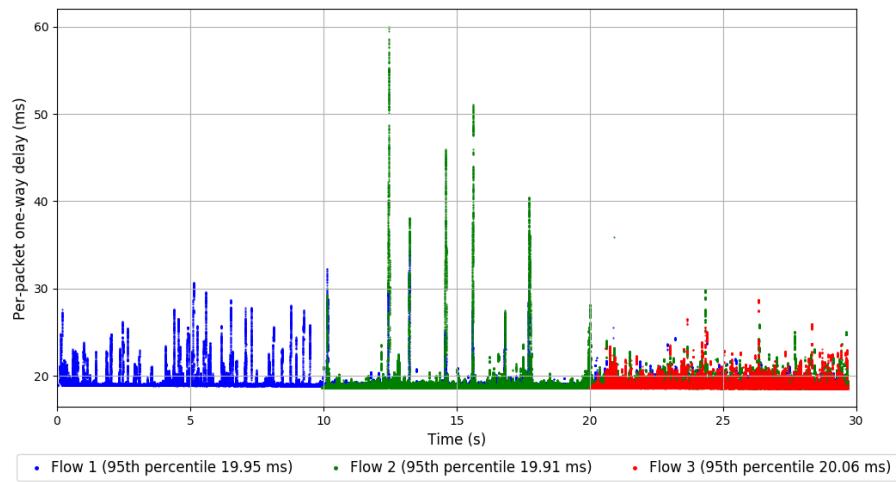
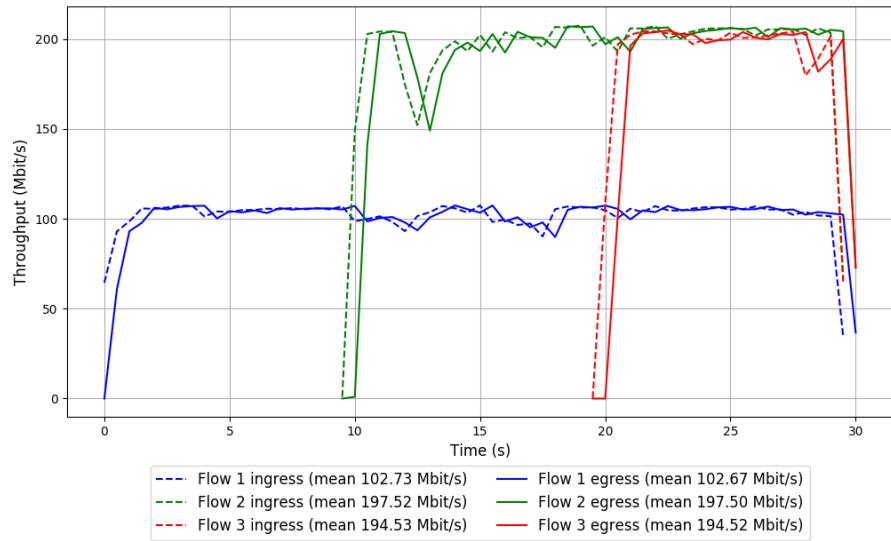


Run 9: Statistics of Indigo

```
Start at: 2018-08-09 12:27:21
End at: 2018-08-09 12:27:51
Local clock offset: -2.679 ms
Remote clock offset: 2.119 ms

# Below is generated by plot.py at 2018-08-09 14:43:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 297.64 Mbit/s
95th percentile per-packet one-way delay: 19.969 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 102.67 Mbit/s
95th percentile per-packet one-way delay: 19.952 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 197.50 Mbit/s
95th percentile per-packet one-way delay: 19.908 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 194.52 Mbit/s
95th percentile per-packet one-way delay: 20.063 ms
Loss rate: 0.01%
```

Run 9: Report of Indigo — Data Link

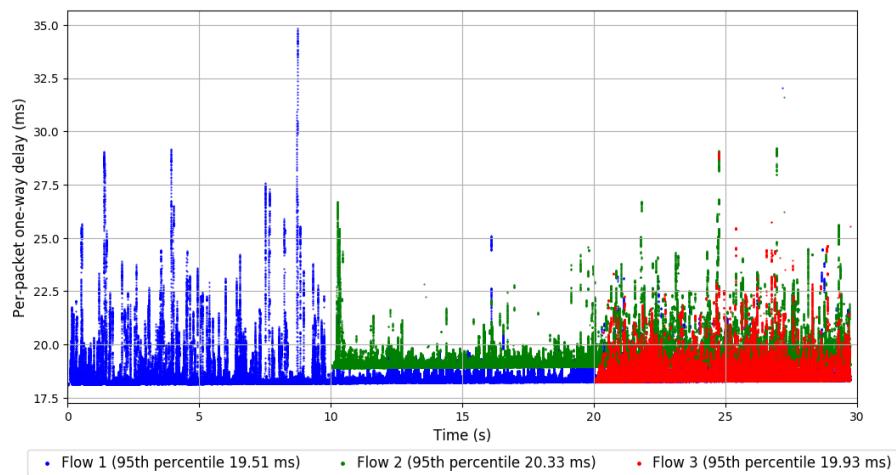
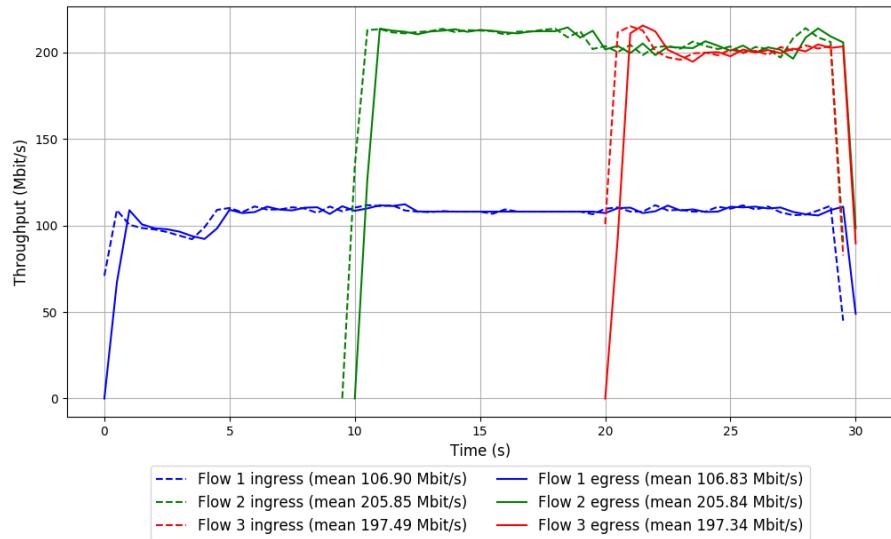


Run 10: Statistics of Indigo

```
Start at: 2018-08-09 12:54:44
End at: 2018-08-09 12:55:14
Local clock offset: 0.883 ms
Remote clock offset: 3.284 ms

# Below is generated by plot.py at 2018-08-09 14:43:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 307.76 Mbit/s
95th percentile per-packet one-way delay: 20.032 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 106.83 Mbit/s
95th percentile per-packet one-way delay: 19.514 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 205.84 Mbit/s
95th percentile per-packet one-way delay: 20.331 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 197.34 Mbit/s
95th percentile per-packet one-way delay: 19.925 ms
Loss rate: 0.01%
```

Run 10: Report of Indigo — Data Link

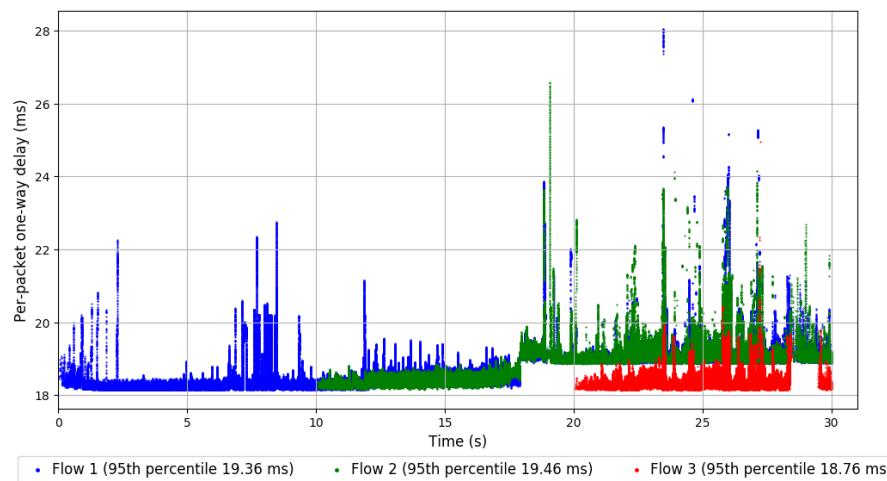
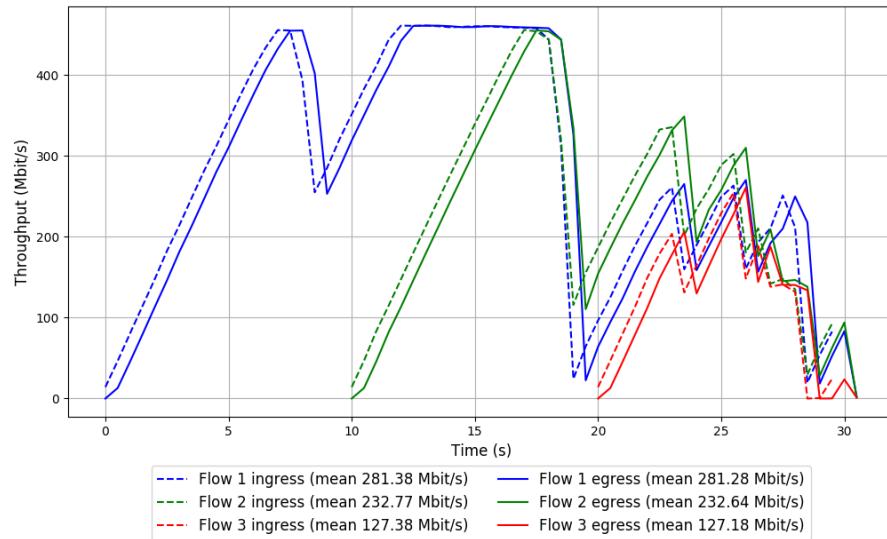


Run 1: Statistics of LEDBAT

```
Start at: 2018-08-09 08:54:04
End at: 2018-08-09 08:54:34
Local clock offset: 0.802 ms
Remote clock offset: -0.341 ms

# Below is generated by plot.py at 2018-08-09 14:46:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 478.54 Mbit/s
95th percentile per-packet one-way delay: 19.379 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 281.28 Mbit/s
95th percentile per-packet one-way delay: 19.360 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 232.64 Mbit/s
95th percentile per-packet one-way delay: 19.465 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 127.18 Mbit/s
95th percentile per-packet one-way delay: 18.758 ms
Loss rate: 0.16%
```

Run 1: Report of LEDBAT — Data Link

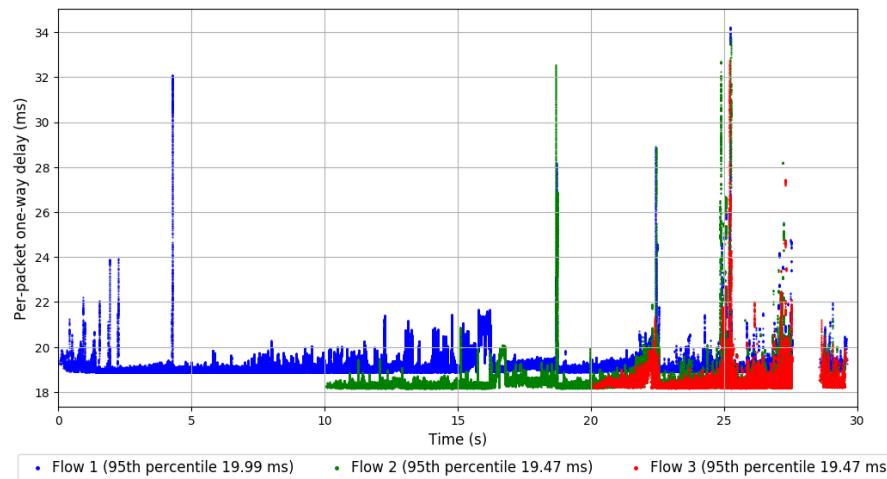
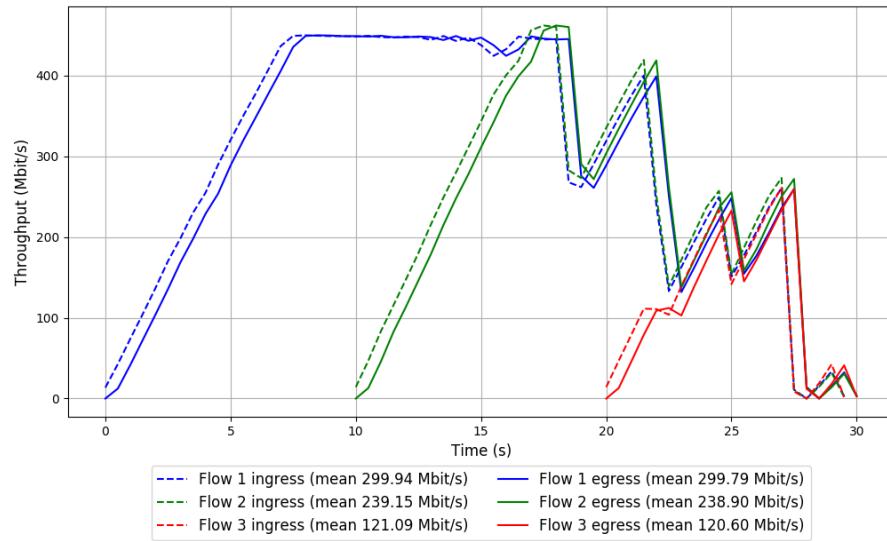


Run 2: Statistics of LEDBAT

```
Start at: 2018-08-09 09:21:30
End at: 2018-08-09 09:22:00
Local clock offset: 6.707 ms
Remote clock offset: 3.953 ms

# Below is generated by plot.py at 2018-08-09 14:46:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 496.02 Mbit/s
95th percentile per-packet one-way delay: 19.809 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 299.79 Mbit/s
95th percentile per-packet one-way delay: 19.989 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 238.90 Mbit/s
95th percentile per-packet one-way delay: 19.471 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 120.60 Mbit/s
95th percentile per-packet one-way delay: 19.470 ms
Loss rate: 0.39%
```

Run 2: Report of LEDBAT — Data Link

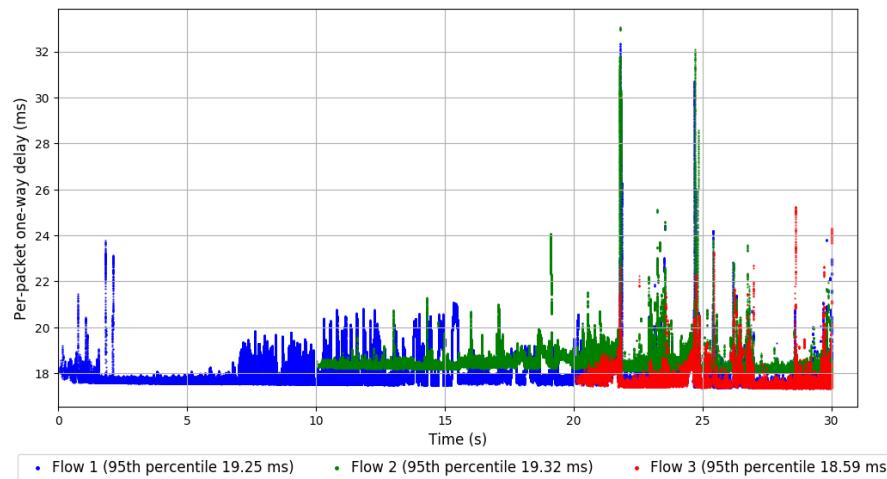
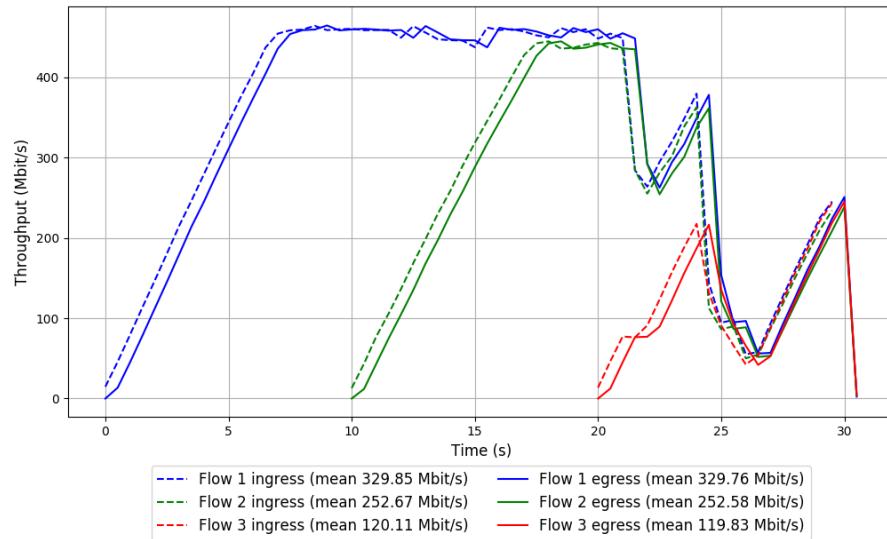


Run 3: Statistics of LEDBAT

```
Start at: 2018-08-09 09:48:56
End at: 2018-08-09 09:49:26
Local clock offset: 7.655 ms
Remote clock offset: 3.182 ms

# Below is generated by plot.py at 2018-08-09 14:47:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 537.82 Mbit/s
95th percentile per-packet one-way delay: 19.248 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 329.76 Mbit/s
95th percentile per-packet one-way delay: 19.249 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 252.58 Mbit/s
95th percentile per-packet one-way delay: 19.321 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 119.83 Mbit/s
95th percentile per-packet one-way delay: 18.592 ms
Loss rate: 0.22%
```

Run 3: Report of LEDBAT — Data Link

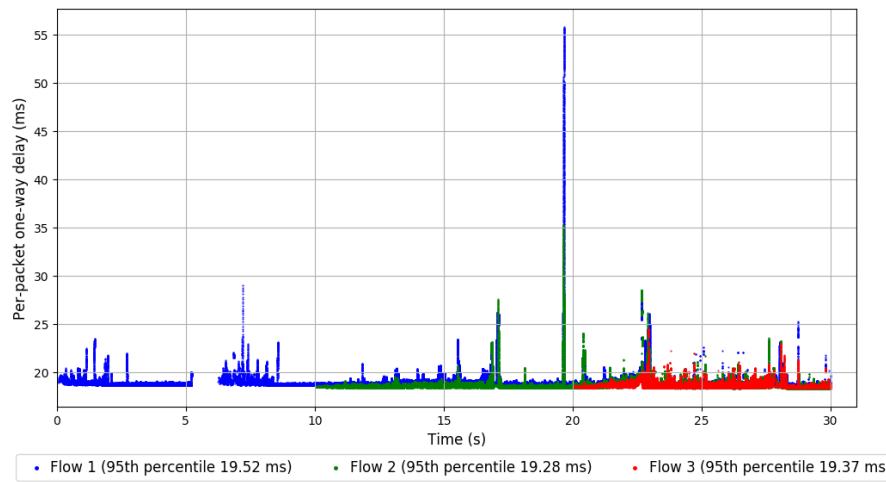
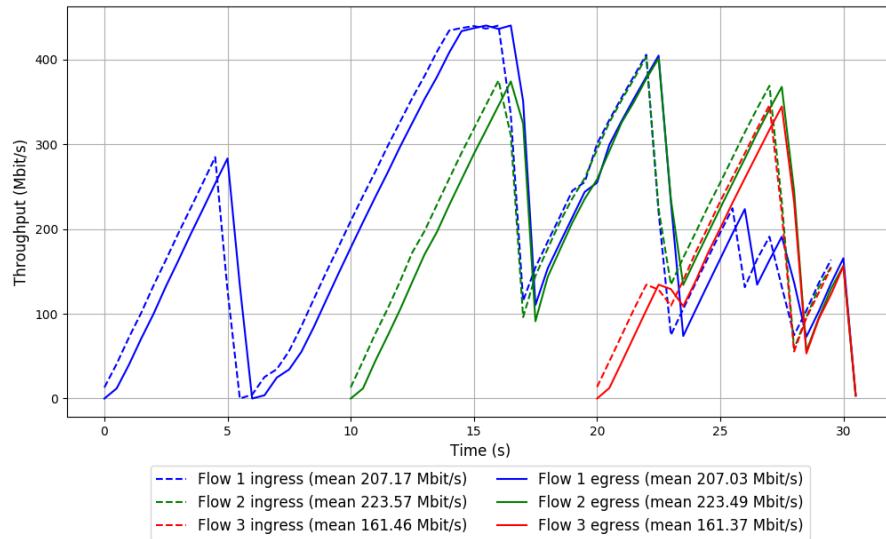


Run 4: Statistics of LEDBAT

```
Start at: 2018-08-09 10:16:39
End at: 2018-08-09 10:17:09
Local clock offset: 2.655 ms
Remote clock offset: 0.922 ms

# Below is generated by plot.py at 2018-08-09 14:47:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 409.55 Mbit/s
95th percentile per-packet one-way delay: 19.427 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 207.03 Mbit/s
95th percentile per-packet one-way delay: 19.523 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 223.49 Mbit/s
95th percentile per-packet one-way delay: 19.282 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 161.37 Mbit/s
95th percentile per-packet one-way delay: 19.367 ms
Loss rate: 0.05%
```

Run 4: Report of LEDBAT — Data Link

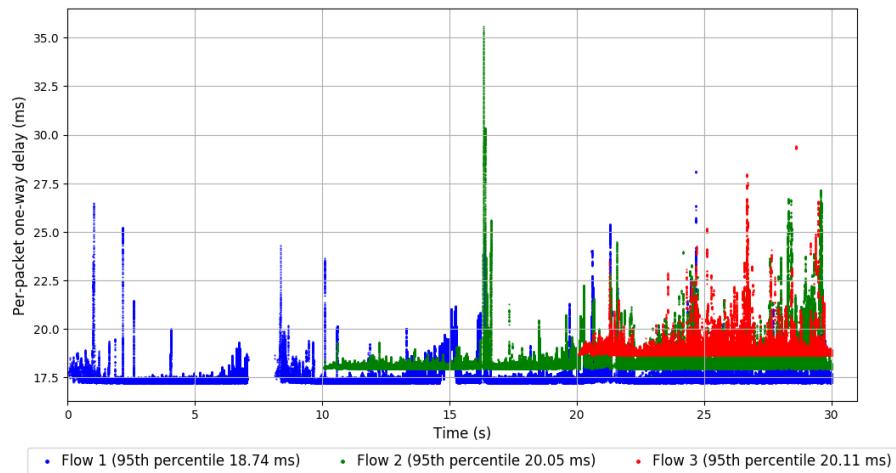
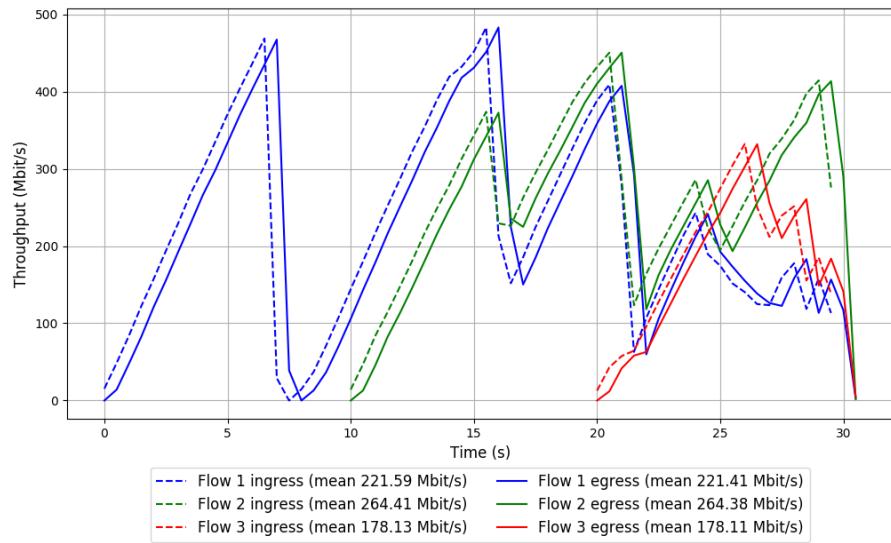


Run 5: Statistics of LEDBAT

```
Start at: 2018-08-09 10:44:03
End at: 2018-08-09 10:44:33
Local clock offset: -1.182 ms
Remote clock offset: -0.189 ms

# Below is generated by plot.py at 2018-08-09 14:48:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 456.70 Mbit/s
95th percentile per-packet one-way delay: 19.606 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 221.41 Mbit/s
95th percentile per-packet one-way delay: 18.742 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 264.38 Mbit/s
95th percentile per-packet one-way delay: 20.055 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 178.11 Mbit/s
95th percentile per-packet one-way delay: 20.114 ms
Loss rate: 0.01%
```

Run 5: Report of LEDBAT — Data Link

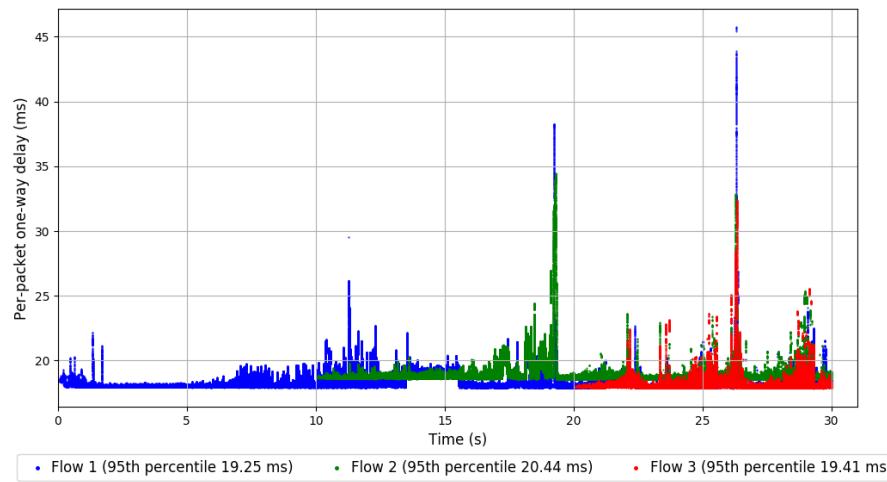
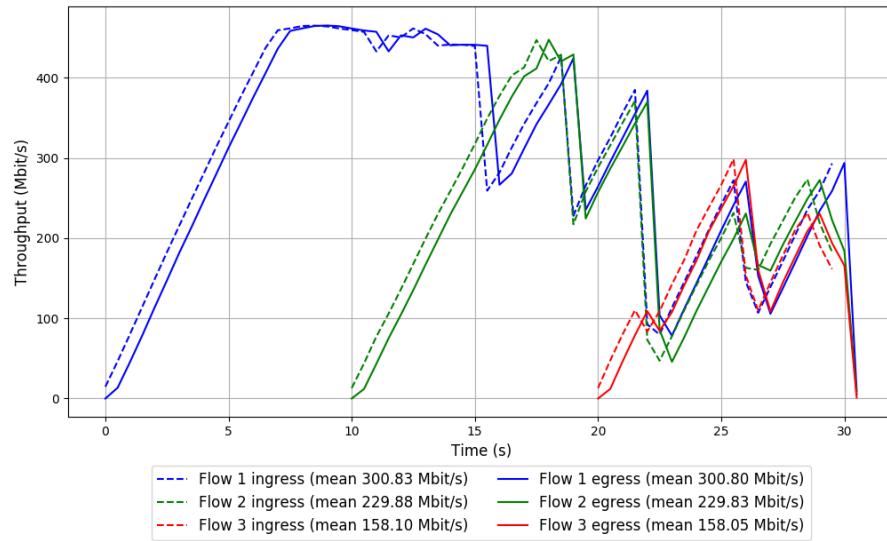


Run 6: Statistics of LEDBAT

```
Start at: 2018-08-09 11:11:44
End at: 2018-08-09 11:12:14
Local clock offset: -0.749 ms
Remote clock offset: -0.498 ms

# Below is generated by plot.py at 2018-08-09 14:49:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 506.43 Mbit/s
95th percentile per-packet one-way delay: 19.669 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 300.80 Mbit/s
95th percentile per-packet one-way delay: 19.253 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 229.83 Mbit/s
95th percentile per-packet one-way delay: 20.437 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 158.05 Mbit/s
95th percentile per-packet one-way delay: 19.407 ms
Loss rate: 0.03%
```

Run 6: Report of LEDBAT — Data Link

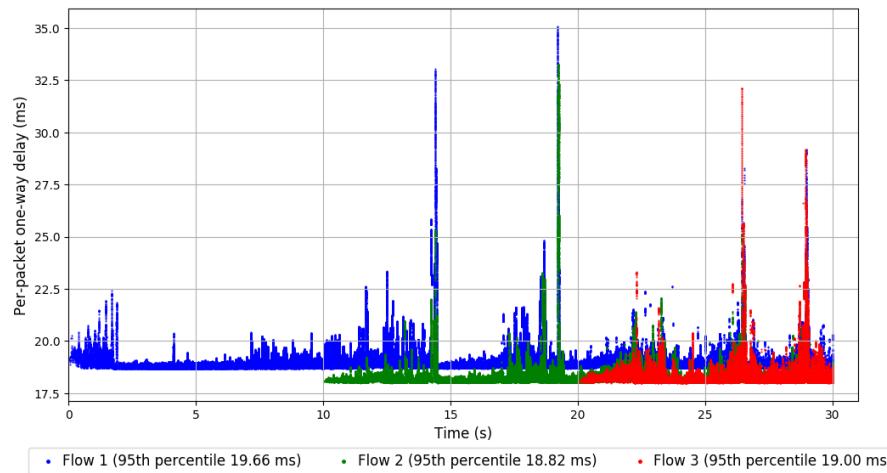
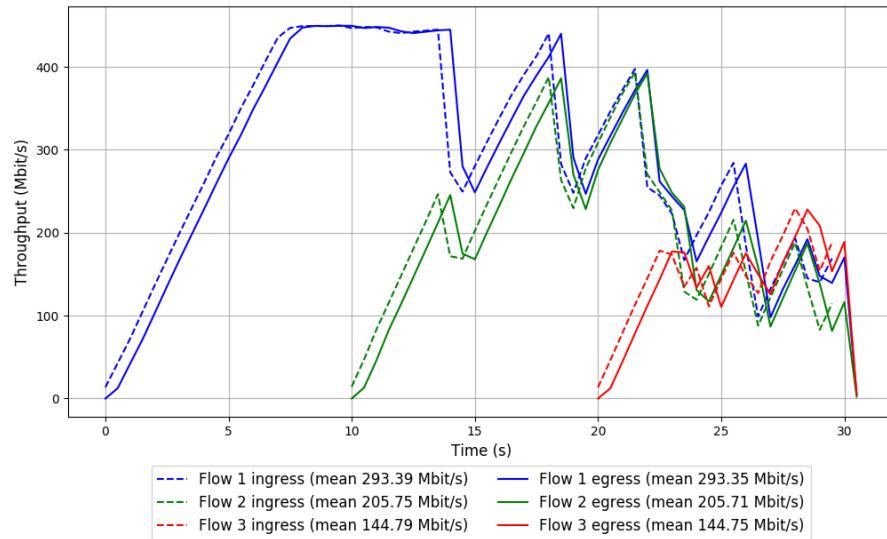


Run 7: Statistics of LEDBAT

```
Start at: 2018-08-09 11:39:10
End at: 2018-08-09 11:39:40
Local clock offset: 3.202 ms
Remote clock offset: 0.329 ms

# Below is generated by plot.py at 2018-08-09 14:49:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 478.49 Mbit/s
95th percentile per-packet one-way delay: 19.481 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 293.35 Mbit/s
95th percentile per-packet one-way delay: 19.663 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 205.71 Mbit/s
95th percentile per-packet one-way delay: 18.818 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 144.75 Mbit/s
95th percentile per-packet one-way delay: 18.996 ms
Loss rate: 0.03%
```

Run 7: Report of LEDBAT — Data Link

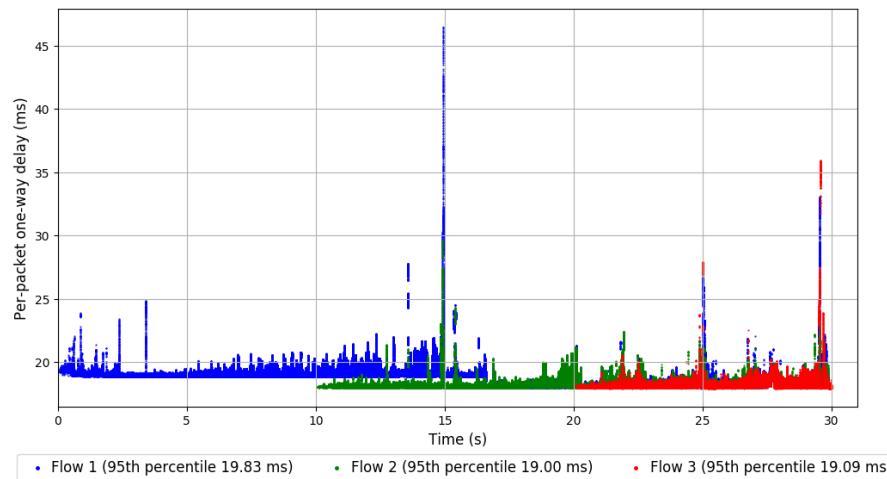
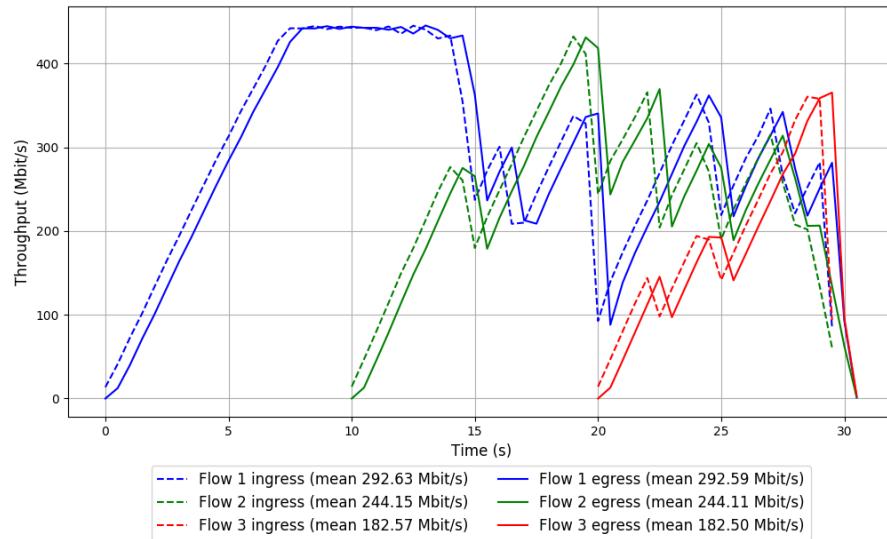


Run 8: Statistics of LEDBAT

```
Start at: 2018-08-09 12:06:46
End at: 2018-08-09 12:07:16
Local clock offset: -0.058 ms
Remote clock offset: -0.352 ms

# Below is generated by plot.py at 2018-08-09 14:50:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 515.81 Mbit/s
95th percentile per-packet one-way delay: 19.536 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 292.59 Mbit/s
95th percentile per-packet one-way delay: 19.826 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 244.11 Mbit/s
95th percentile per-packet one-way delay: 19.003 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 182.50 Mbit/s
95th percentile per-packet one-way delay: 19.087 ms
Loss rate: 0.04%
```

Run 8: Report of LEDBAT — Data Link

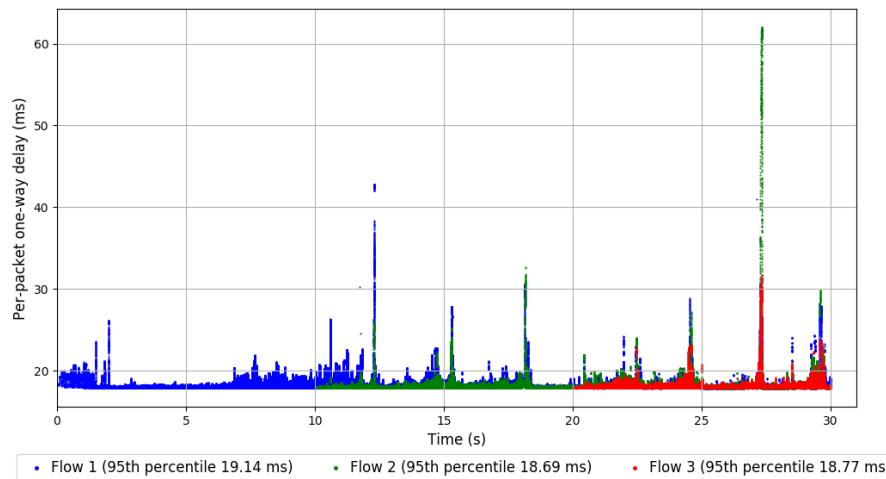
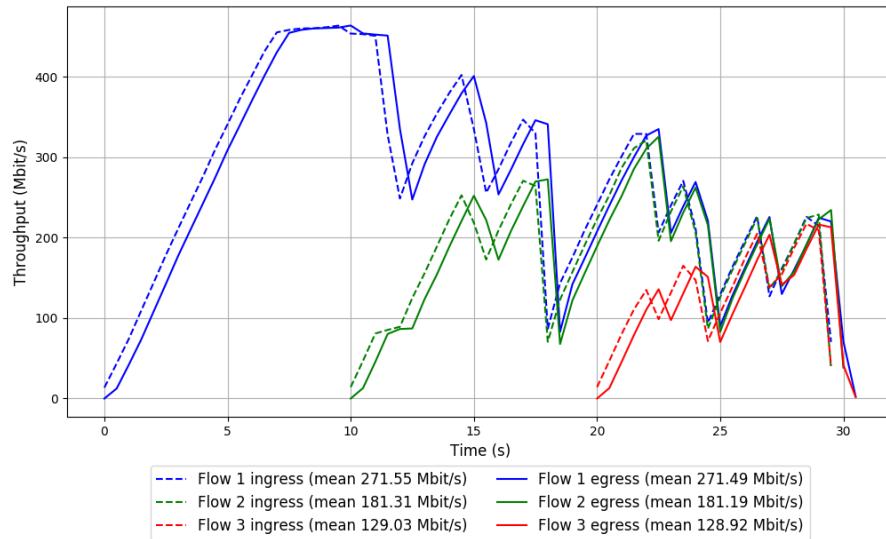


Run 9: Statistics of LEDBAT

```
Start at: 2018-08-09 12:34:04
End at: 2018-08-09 12:34:34
Local clock offset: -3.265 ms
Remote clock offset: 2.815 ms

# Below is generated by plot.py at 2018-08-09 14:51:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 434.99 Mbit/s
95th percentile per-packet one-way delay: 18.989 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 271.49 Mbit/s
95th percentile per-packet one-way delay: 19.141 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 181.19 Mbit/s
95th percentile per-packet one-way delay: 18.692 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 128.92 Mbit/s
95th percentile per-packet one-way delay: 18.769 ms
Loss rate: 0.09%
```

Run 9: Report of LEDBAT — Data Link

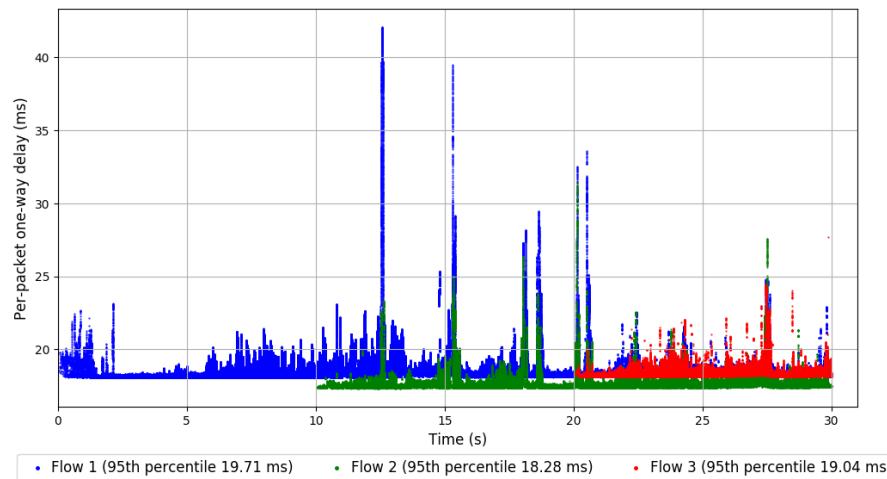
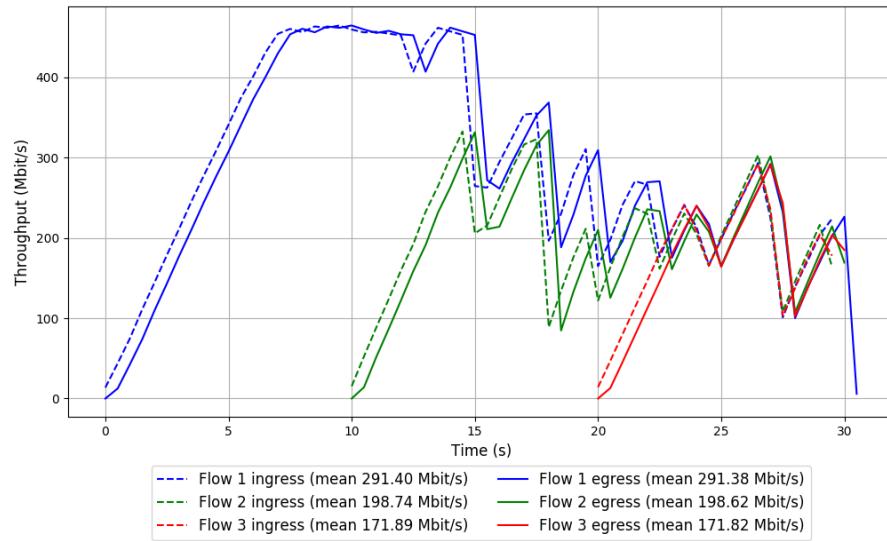


Run 10: Statistics of LEDBAT

```
Start at: 2018-08-09 13:01:26
End at: 2018-08-09 13:01:56
Local clock offset: 2.585 ms
Remote clock offset: 3.107 ms

# Below is generated by plot.py at 2018-08-09 14:51:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 480.69 Mbit/s
95th percentile per-packet one-way delay: 19.397 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 291.38 Mbit/s
95th percentile per-packet one-way delay: 19.708 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 198.62 Mbit/s
95th percentile per-packet one-way delay: 18.276 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 171.82 Mbit/s
95th percentile per-packet one-way delay: 19.044 ms
Loss rate: 0.04%
```

Run 10: Report of LEDBAT — Data Link

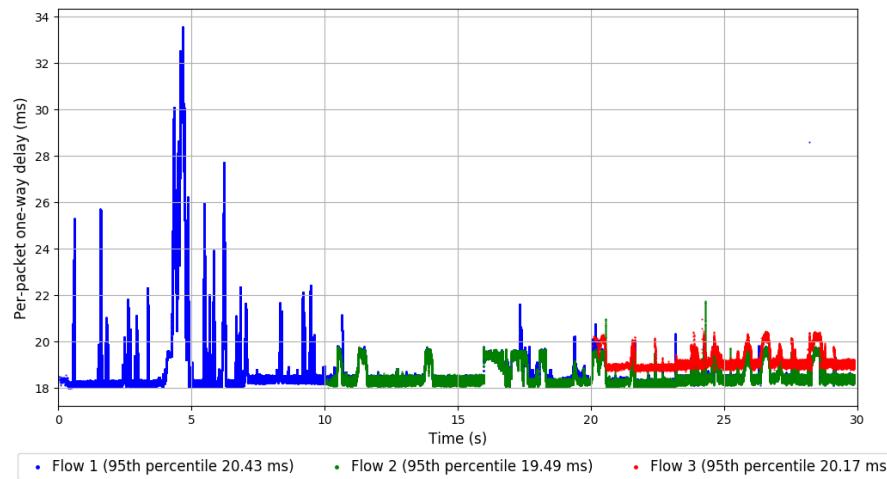
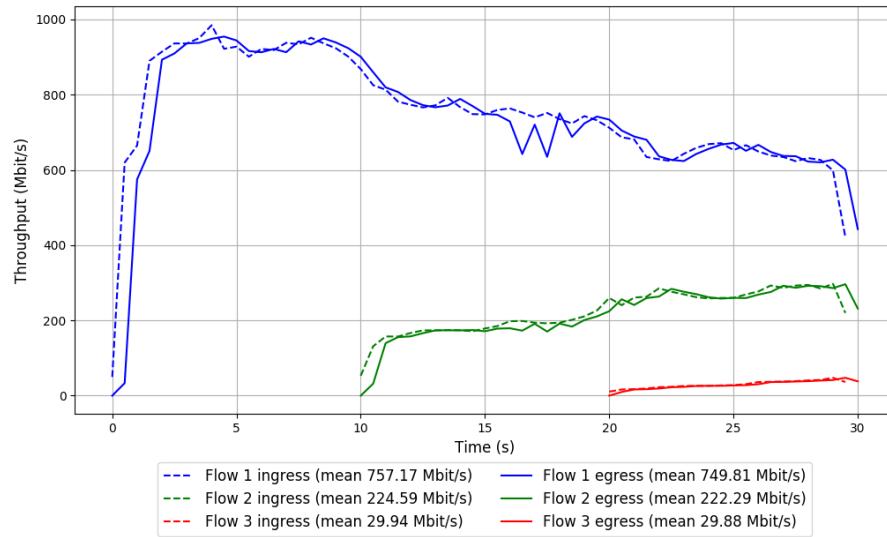


```
Run 1: Statistics of PCC-Allegro

Start at: 2018-08-09 09:02:30
End at: 2018-08-09 09:03:00
Local clock offset: 3.564 ms
Remote clock offset: 1.958 ms

# Below is generated by plot.py at 2018-08-09 14:57:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 907.43 Mbit/s
95th percentile per-packet one-way delay: 19.954 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 749.81 Mbit/s
95th percentile per-packet one-way delay: 20.429 ms
Loss rate: 0.97%
-- Flow 2:
Average throughput: 222.29 Mbit/s
95th percentile per-packet one-way delay: 19.491 ms
Loss rate: 1.02%
-- Flow 3:
Average throughput: 29.88 Mbit/s
95th percentile per-packet one-way delay: 20.166 ms
Loss rate: 0.18%
```

Run 1: Report of PCC-Allegro — Data Link

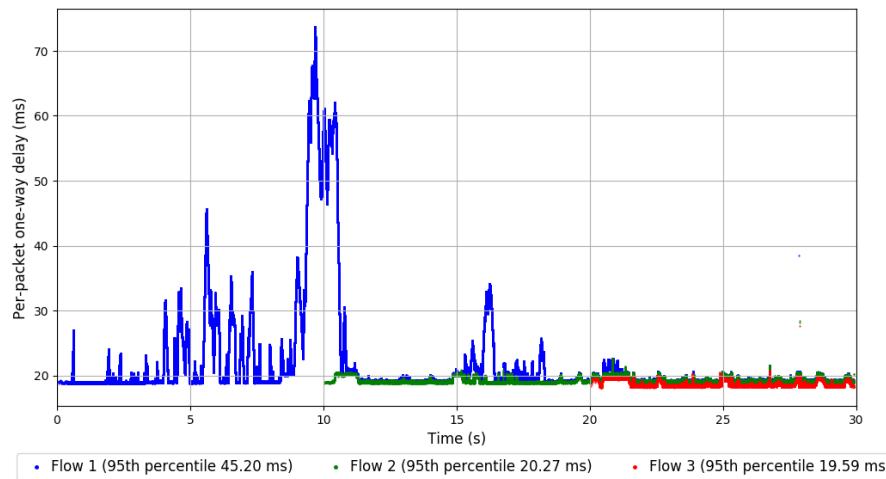
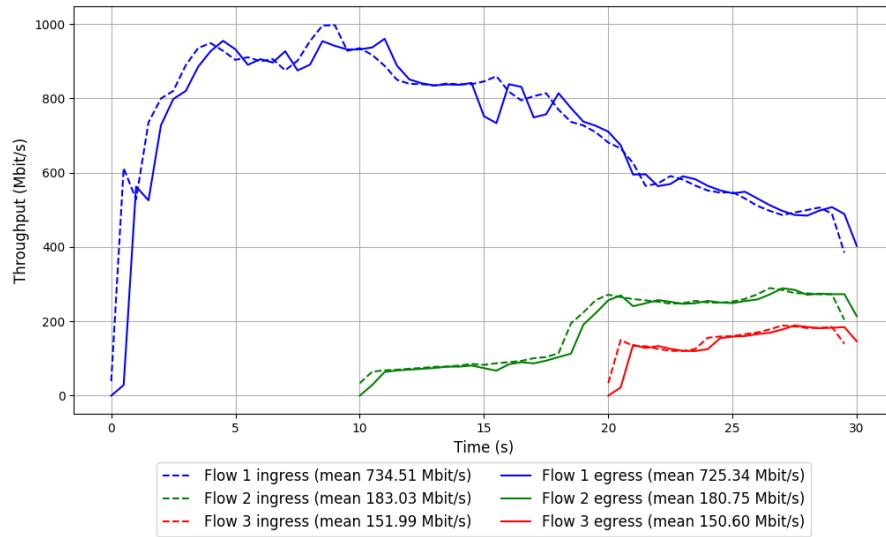


Run 2: Statistics of PCC-Allegro

```
Start at: 2018-08-09 09:29:54
End at: 2018-08-09 09:30:24
Local clock offset: 7.836 ms
Remote clock offset: 3.761 ms

# Below is generated by plot.py at 2018-08-09 14:57:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 895.17 Mbit/s
95th percentile per-packet one-way delay: 35.446 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 725.34 Mbit/s
95th percentile per-packet one-way delay: 45.195 ms
Loss rate: 1.25%
-- Flow 2:
Average throughput: 180.75 Mbit/s
95th percentile per-packet one-way delay: 20.267 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 150.60 Mbit/s
95th percentile per-packet one-way delay: 19.588 ms
Loss rate: 0.92%
```

Run 2: Report of PCC-Allegro — Data Link

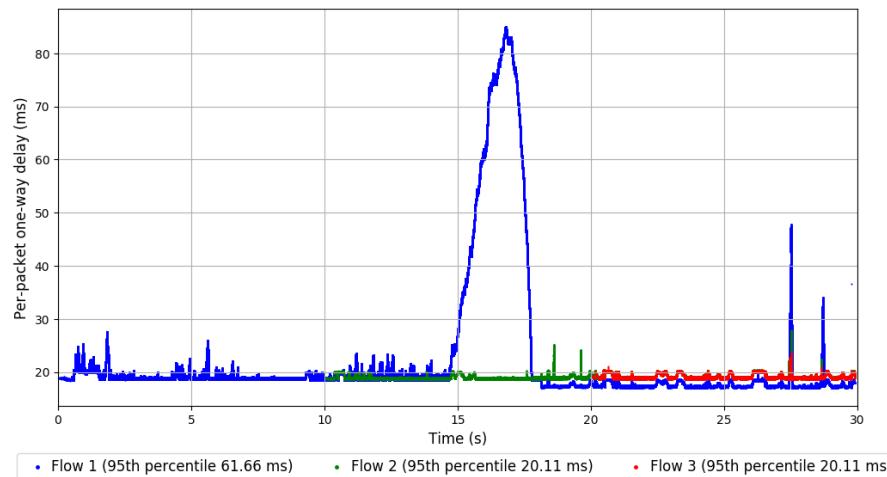
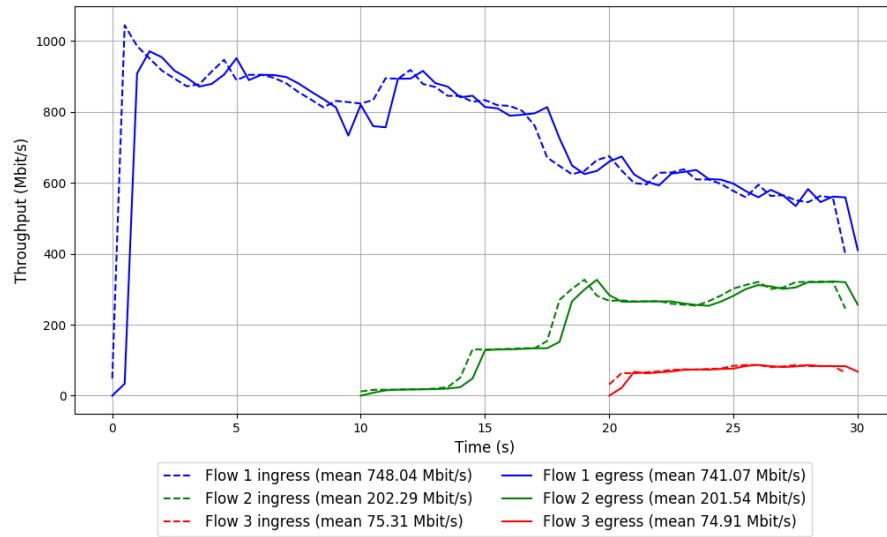


Run 3: Statistics of PCC-Allegro

```
Start at: 2018-08-09 09:57:26
End at: 2018-08-09 09:57:56
Local clock offset: 4.635 ms
Remote clock offset: 3.232 ms

# Below is generated by plot.py at 2018-08-09 14:58:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 899.83 Mbit/s
95th percentile per-packet one-way delay: 55.651 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 741.07 Mbit/s
95th percentile per-packet one-way delay: 61.664 ms
Loss rate: 0.93%
-- Flow 2:
Average throughput: 201.54 Mbit/s
95th percentile per-packet one-way delay: 20.115 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 74.91 Mbit/s
95th percentile per-packet one-way delay: 20.107 ms
Loss rate: 0.54%
```

Run 3: Report of PCC-Allegro — Data Link

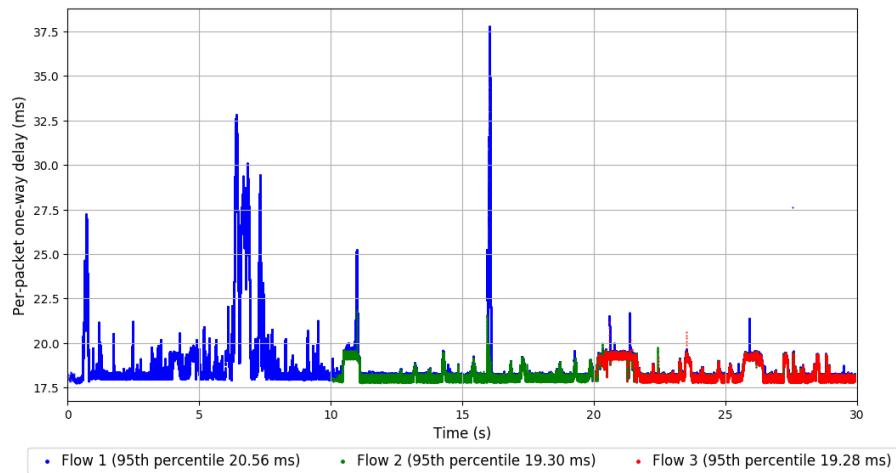
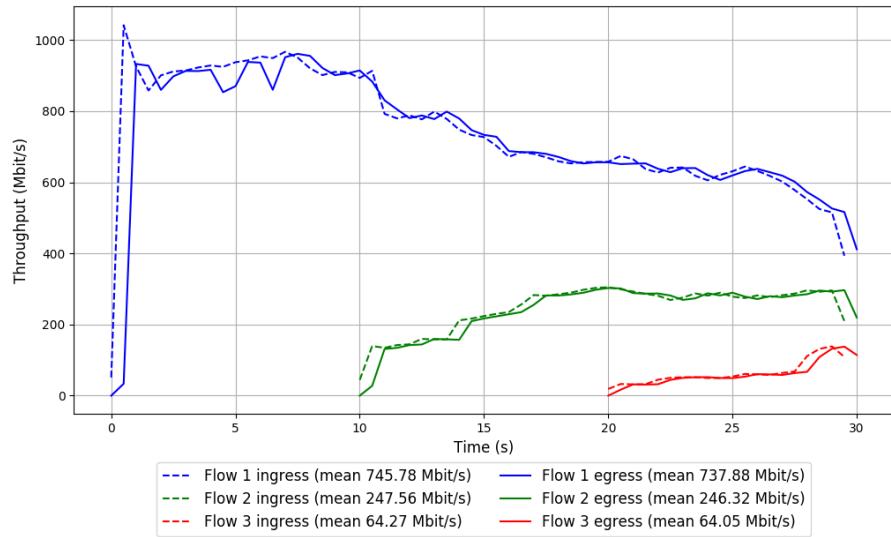


Run 4: Statistics of PCC-Allegro

```
Start at: 2018-08-09 10:24:54
End at: 2018-08-09 10:25:24
Local clock offset: 0.67 ms
Remote clock offset: 0.461 ms

# Below is generated by plot.py at 2018-08-09 14:59:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 922.82 Mbit/s
95th percentile per-packet one-way delay: 19.793 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 737.88 Mbit/s
95th percentile per-packet one-way delay: 20.563 ms
Loss rate: 1.06%
-- Flow 2:
Average throughput: 246.32 Mbit/s
95th percentile per-packet one-way delay: 19.299 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 64.05 Mbit/s
95th percentile per-packet one-way delay: 19.277 ms
Loss rate: 0.35%
```

Run 4: Report of PCC-Allegro — Data Link

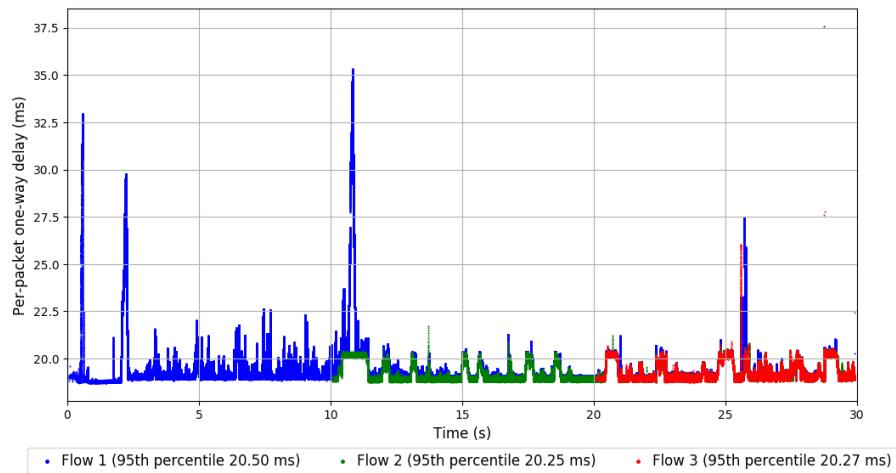
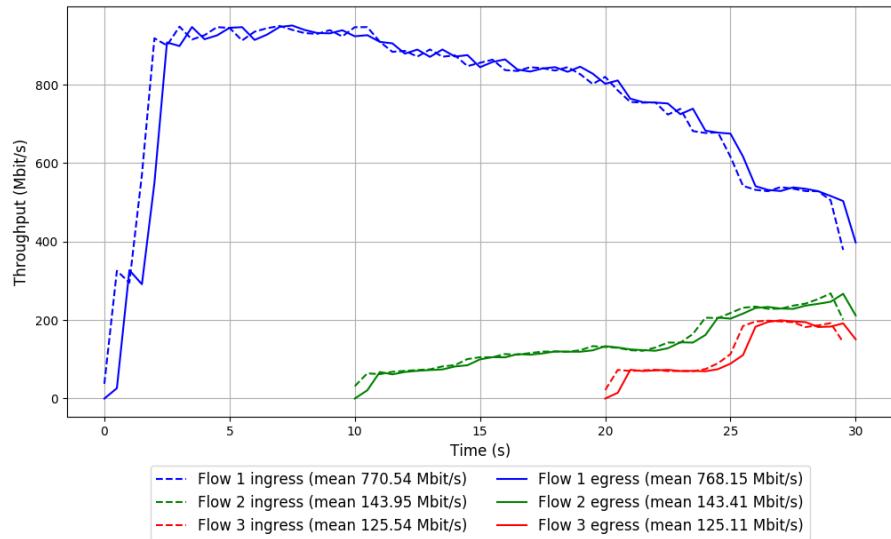


Run 5: Statistics of PCC-Allegro

```
Start at: 2018-08-09 10:52:29
End at: 2018-08-09 10:52:59
Local clock offset: -0.733 ms
Remote clock offset: -0.462 ms

# Below is generated by plot.py at 2018-08-09 14:59:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 904.64 Mbit/s
95th percentile per-packet one-way delay: 20.375 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 768.15 Mbit/s
95th percentile per-packet one-way delay: 20.495 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 143.41 Mbit/s
95th percentile per-packet one-way delay: 20.248 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 125.11 Mbit/s
95th percentile per-packet one-way delay: 20.275 ms
Loss rate: 0.35%
```

Run 5: Report of PCC-Allegro — Data Link

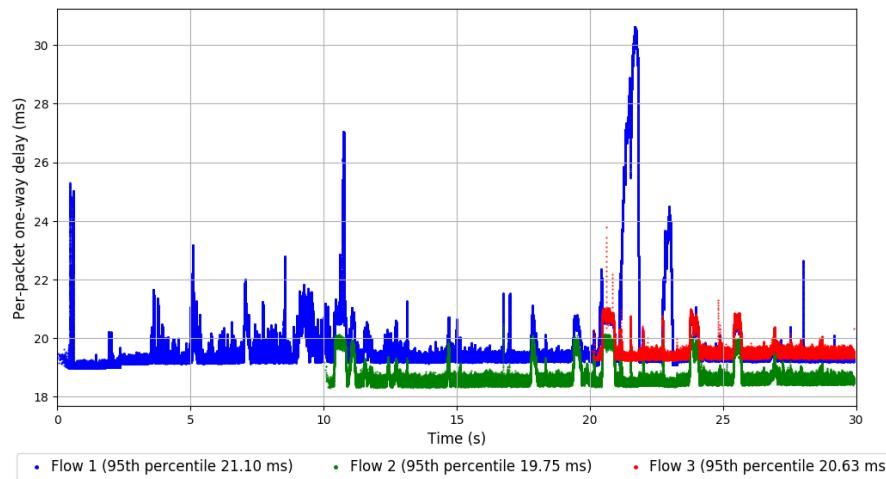
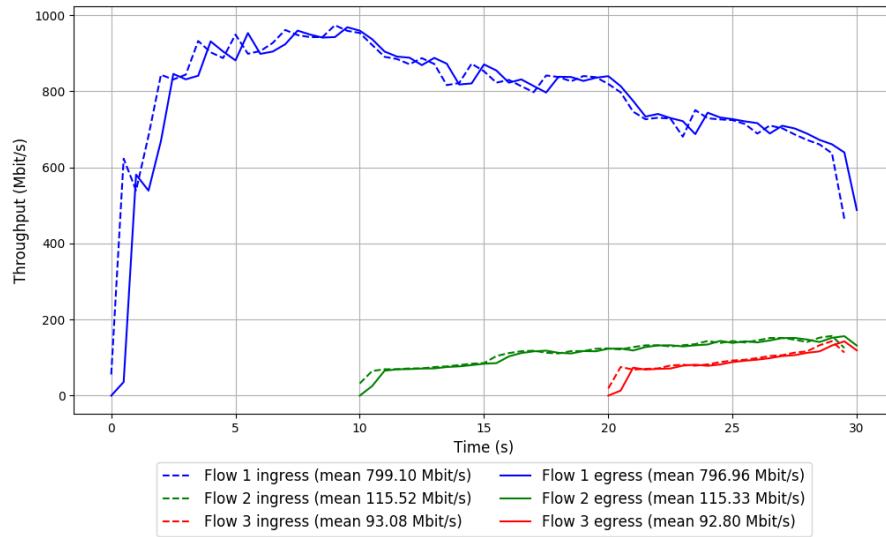


Run 6: Statistics of PCC-Allegro

```
Start at: 2018-08-09 11:20:09
End at: 2018-08-09 11:20:39
Local clock offset: 0.611 ms
Remote clock offset: 0.139 ms

# Below is generated by plot.py at 2018-08-09 15:00:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 904.11 Mbit/s
95th percentile per-packet one-way delay: 20.893 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 796.96 Mbit/s
95th percentile per-packet one-way delay: 21.097 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 115.33 Mbit/s
95th percentile per-packet one-way delay: 19.746 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 92.80 Mbit/s
95th percentile per-packet one-way delay: 20.634 ms
Loss rate: 0.30%
```

Run 6: Report of PCC-Allegro — Data Link

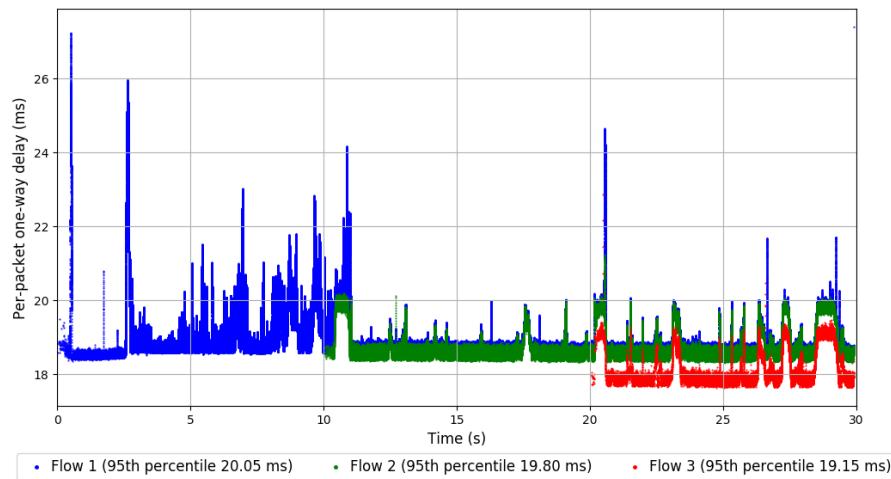
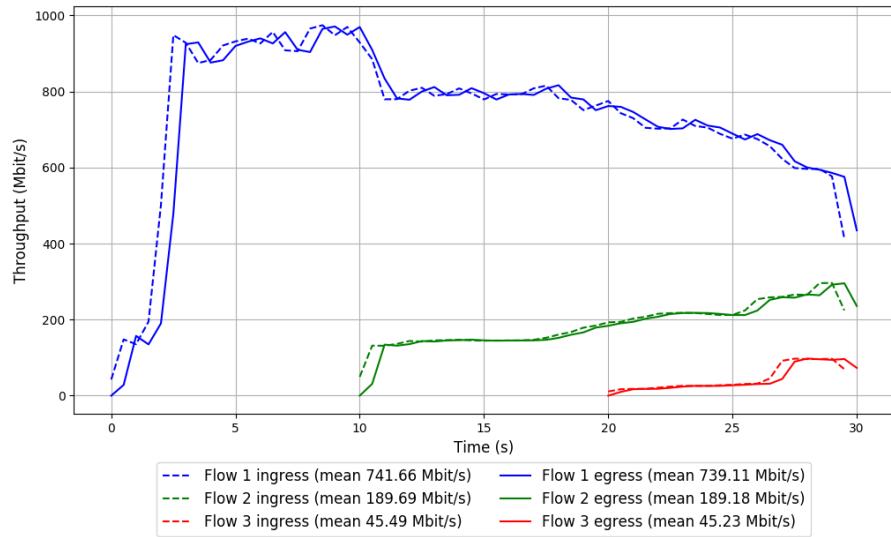


Run 7: Statistics of PCC-Allegro

```
Start at: 2018-08-09 11:47:34
End at: 2018-08-09 11:48:04
Local clock offset: 2.985 ms
Remote clock offset: 0.148 ms

# Below is generated by plot.py at 2018-08-09 15:01:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 879.82 Mbit/s
95th percentile per-packet one-way delay: 19.982 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 739.11 Mbit/s
95th percentile per-packet one-way delay: 20.052 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 189.18 Mbit/s
95th percentile per-packet one-way delay: 19.796 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 45.23 Mbit/s
95th percentile per-packet one-way delay: 19.146 ms
Loss rate: 0.56%
```

Run 7: Report of PCC-Allegro — Data Link

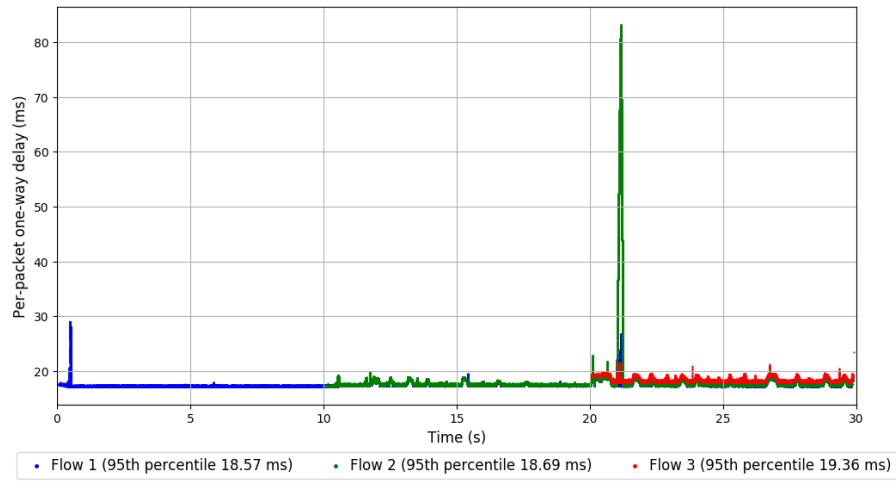
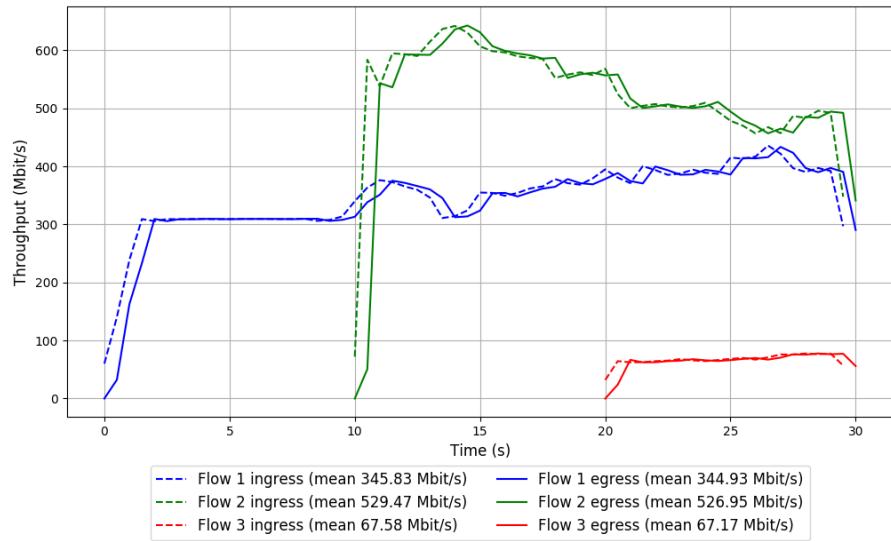


Run 8: Statistics of PCC-Allegro

```
Start at: 2018-08-09 12:15:04
End at: 2018-08-09 12:15:34
Local clock offset: -0.356 ms
Remote clock offset: -0.498 ms

# Below is generated by plot.py at 2018-08-09 15:01:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 717.54 Mbit/s
95th percentile per-packet one-way delay: 18.661 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 344.93 Mbit/s
95th percentile per-packet one-way delay: 18.567 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 526.95 Mbit/s
95th percentile per-packet one-way delay: 18.691 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 67.17 Mbit/s
95th percentile per-packet one-way delay: 19.358 ms
Loss rate: 0.61%
```

Run 8: Report of PCC-Allegro — Data Link

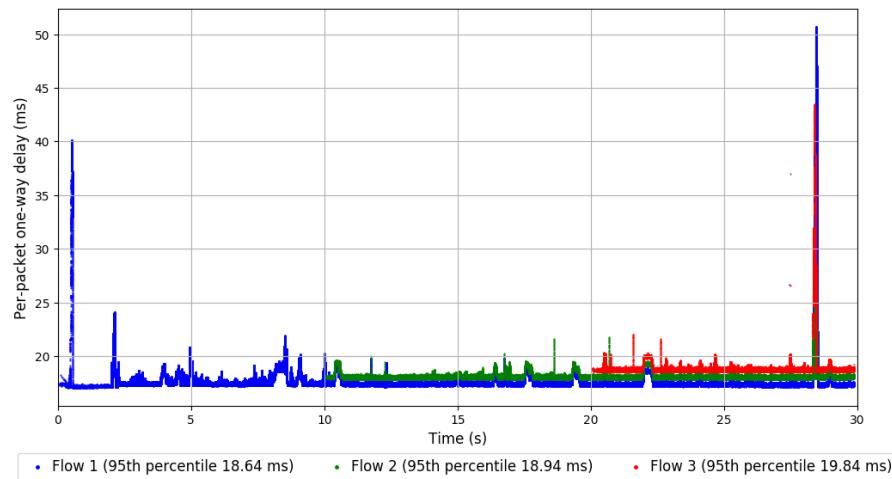
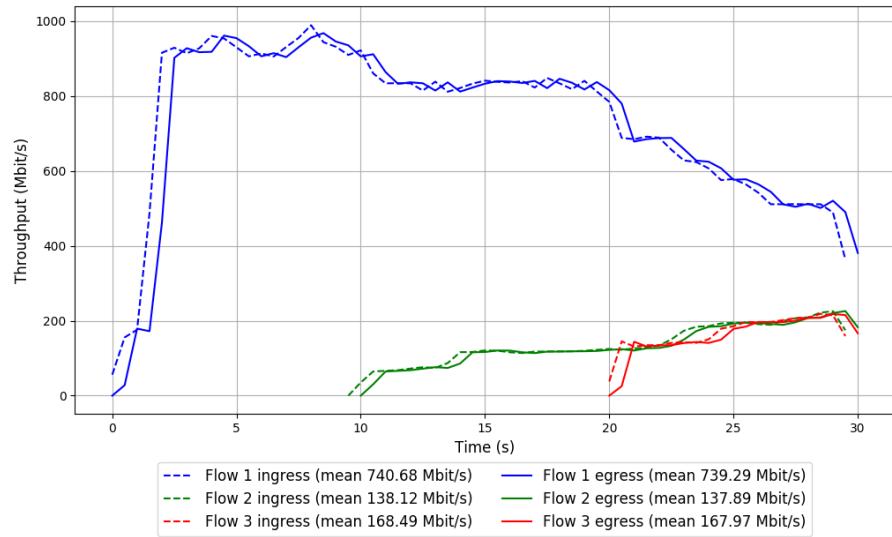


Run 9: Statistics of PCC-Allegro

```
Start at: 2018-08-09 12:42:15
End at: 2018-08-09 12:42:45
Local clock offset: -3.855 ms
Remote clock offset: 3.213 ms

# Below is generated by plot.py at 2018-08-09 15:07:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 886.44 Mbit/s
95th percentile per-packet one-way delay: 18.802 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 739.29 Mbit/s
95th percentile per-packet one-way delay: 18.638 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 137.89 Mbit/s
95th percentile per-packet one-way delay: 18.936 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 167.97 Mbit/s
95th percentile per-packet one-way delay: 19.841 ms
Loss rate: 0.32%
```

Run 9: Report of PCC-Allegro — Data Link

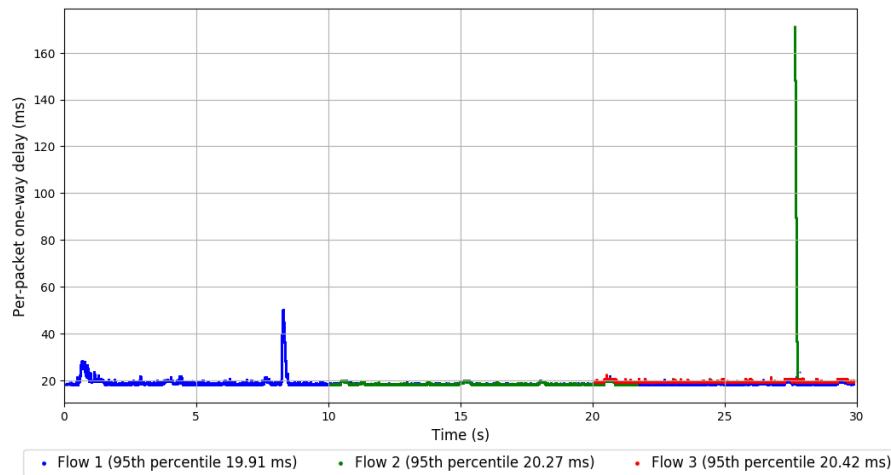
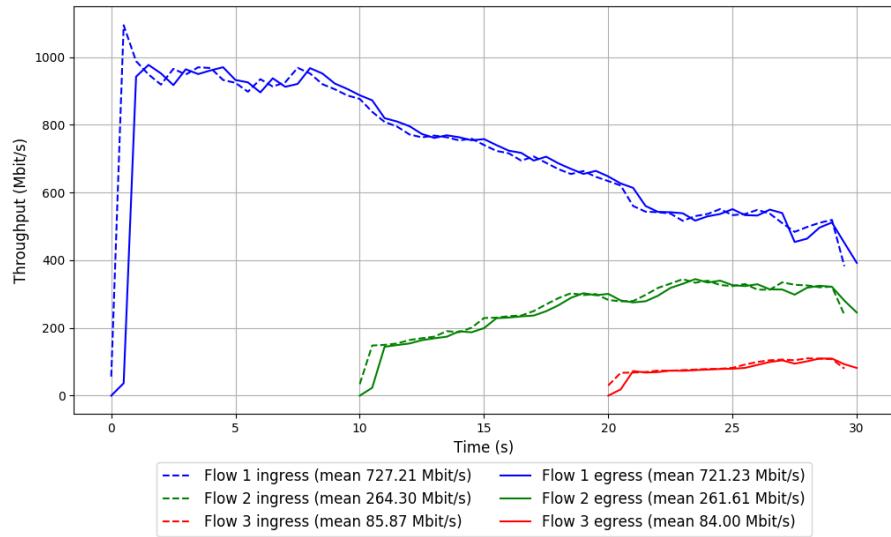


Run 10: Statistics of PCC-Allegro

```
Start at: 2018-08-09 13:09:53
End at: 2018-08-09 13:10:23
Local clock offset: 3.717 ms
Remote clock offset: 3.06 ms

# Below is generated by plot.py at 2018-08-09 15:08:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 922.70 Mbit/s
95th percentile per-packet one-way delay: 20.101 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 721.23 Mbit/s
95th percentile per-packet one-way delay: 19.906 ms
Loss rate: 0.82%
-- Flow 2:
Average throughput: 261.61 Mbit/s
95th percentile per-packet one-way delay: 20.271 ms
Loss rate: 1.02%
-- Flow 3:
Average throughput: 84.00 Mbit/s
95th percentile per-packet one-way delay: 20.421 ms
Loss rate: 2.18%
```

Run 10: Report of PCC-Allegro — Data Link

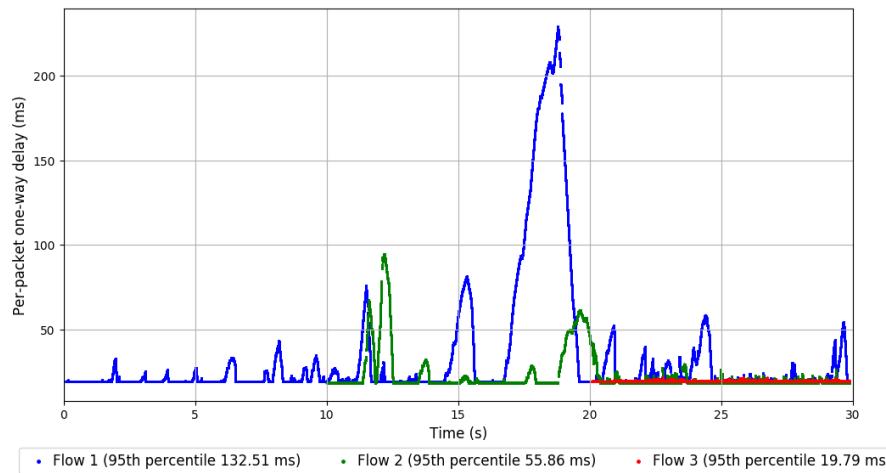
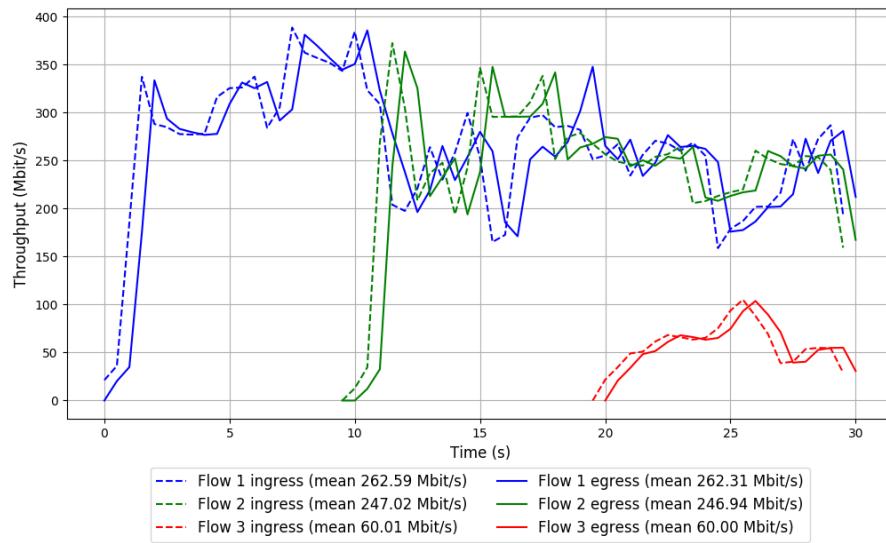


```
Run 1: Statistics of PCC-Expr
```

```
Start at: 2018-08-09 08:55:43
End at: 2018-08-09 08:56:13
Local clock offset: 1.372 ms
Remote clock offset: 0.306 ms

# Below is generated by plot.py at 2018-08-09 15:08:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 446.59 Mbit/s
95th percentile per-packet one-way delay: 80.838 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 262.31 Mbit/s
95th percentile per-packet one-way delay: 132.509 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 246.94 Mbit/s
95th percentile per-packet one-way delay: 55.862 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 60.00 Mbit/s
95th percentile per-packet one-way delay: 19.785 ms
Loss rate: 0.00%
```

Run 1: Report of PCC-Expr — Data Link

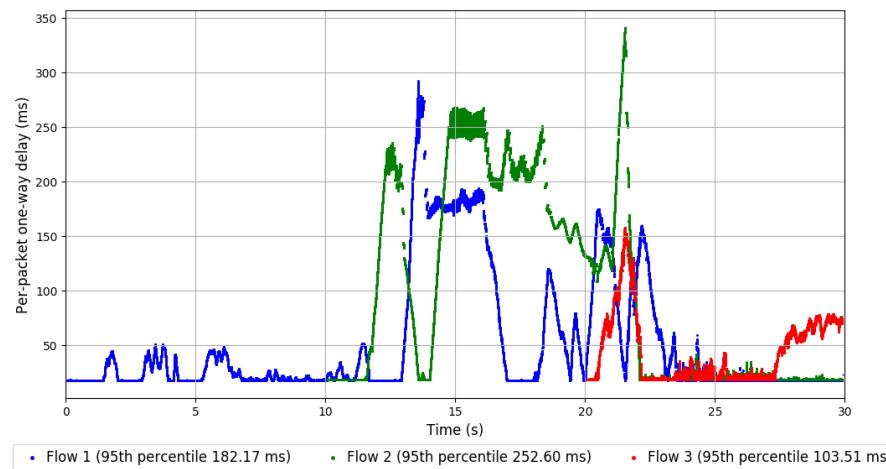
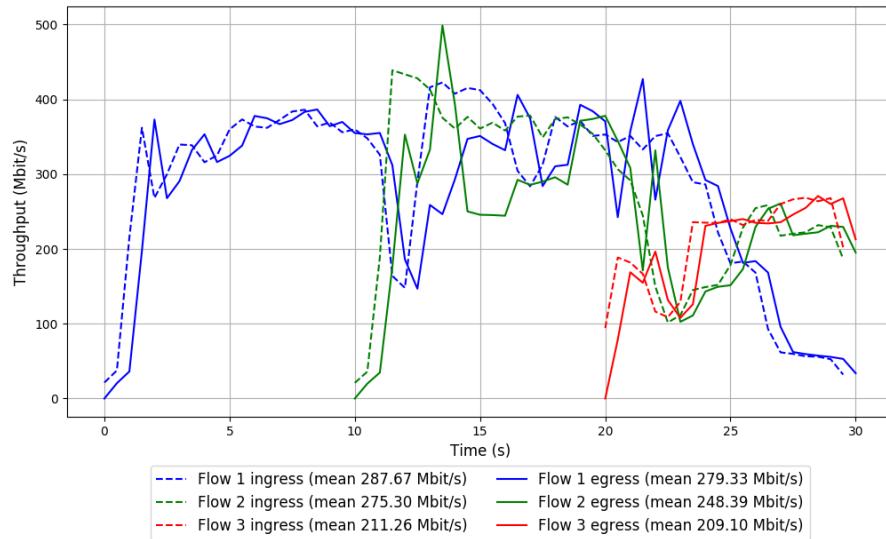


Run 2: Statistics of PCC-Expr

```
Start at: 2018-08-09 09:23:10
End at: 2018-08-09 09:23:40
Local clock offset: 7.007 ms
Remote clock offset: 3.99 ms

# Below is generated by plot.py at 2018-08-09 15:10:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 513.48 Mbit/s
95th percentile per-packet one-way delay: 222.615 ms
Loss rate: 4.98%
-- Flow 1:
Average throughput: 279.33 Mbit/s
95th percentile per-packet one-way delay: 182.169 ms
Loss rate: 2.89%
-- Flow 2:
Average throughput: 248.39 Mbit/s
95th percentile per-packet one-way delay: 252.604 ms
Loss rate: 9.78%
-- Flow 3:
Average throughput: 209.10 Mbit/s
95th percentile per-packet one-way delay: 103.510 ms
Loss rate: 1.04%
```

Run 2: Report of PCC-Expr — Data Link

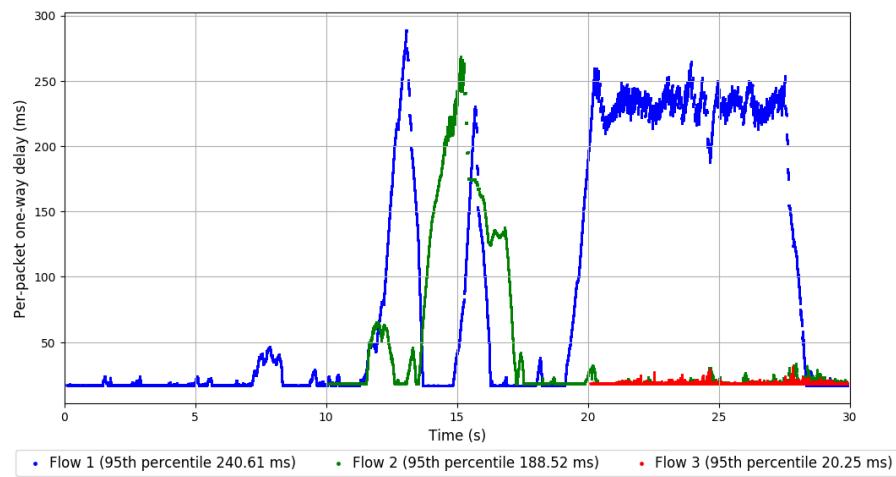
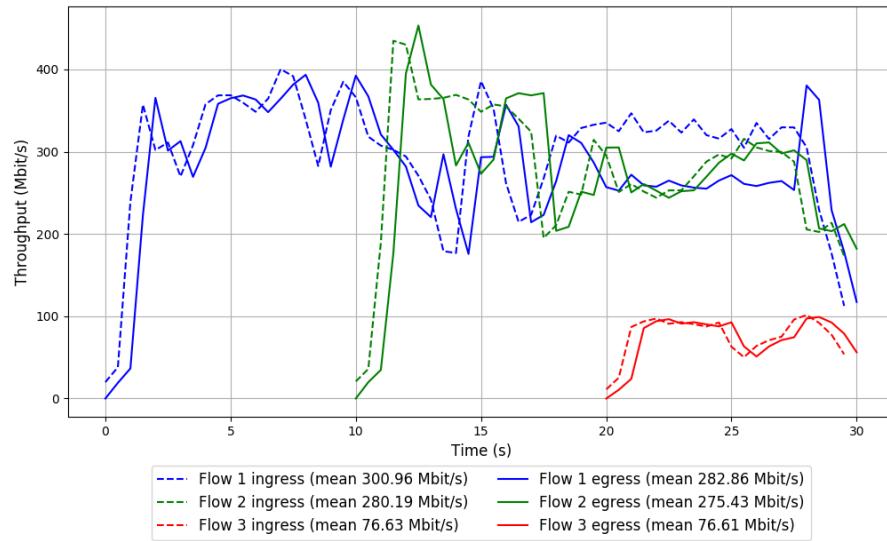


Run 3: Statistics of PCC-Expr

```
Start at: 2018-08-09 09:50:38
End at: 2018-08-09 09:51:08
Local clock offset: 6.774 ms
Remote clock offset: 3.19 ms

# Below is generated by plot.py at 2018-08-09 15:10:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 491.32 Mbit/s
95th percentile per-packet one-way delay: 237.206 ms
Loss rate: 4.15%
-- Flow 1:
Average throughput: 282.86 Mbit/s
95th percentile per-packet one-way delay: 240.613 ms
Loss rate: 6.02%
-- Flow 2:
Average throughput: 275.43 Mbit/s
95th percentile per-packet one-way delay: 188.517 ms
Loss rate: 1.70%
-- Flow 3:
Average throughput: 76.61 Mbit/s
95th percentile per-packet one-way delay: 20.254 ms
Loss rate: 0.03%
```

Run 3: Report of PCC-Expr — Data Link

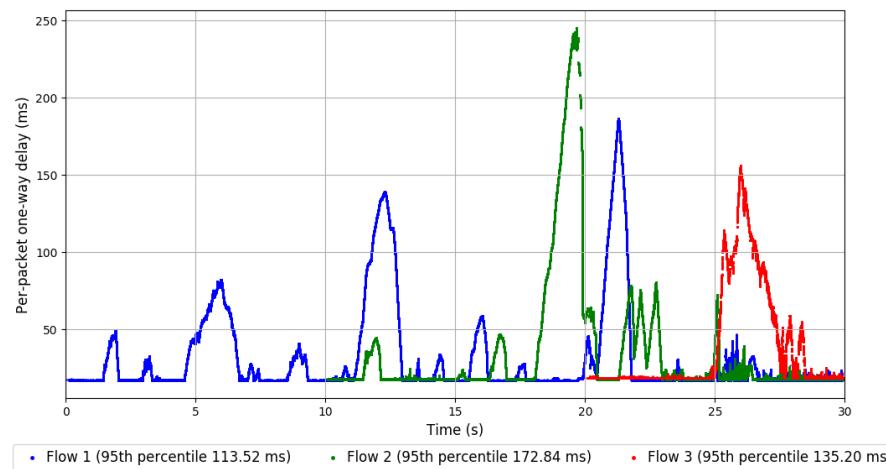
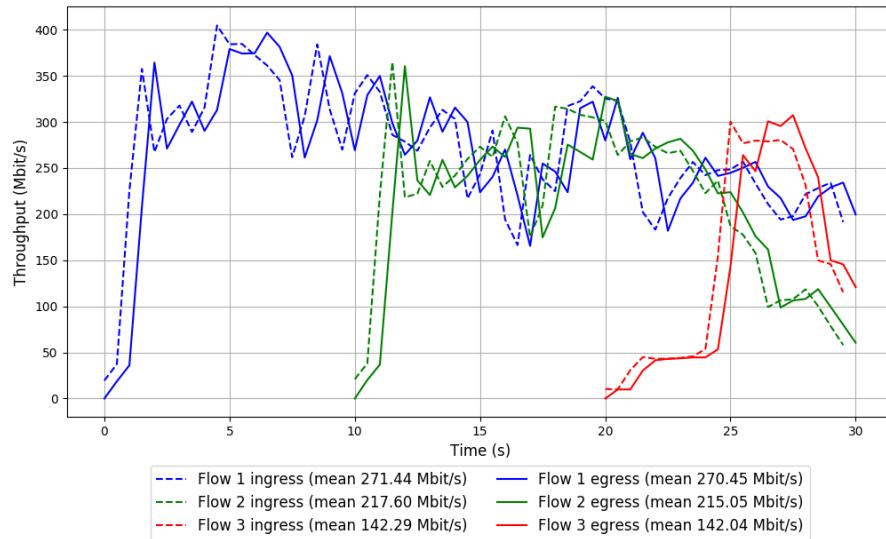


Run 4: Statistics of PCC-Expr

```
Start at: 2018-08-09 10:18:15
End at: 2018-08-09 10:18:45
Local clock offset: 2.161 ms
Remote clock offset: 0.745 ms

# Below is generated by plot.py at 2018-08-09 15:10:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 460.34 Mbit/s
95th percentile per-packet one-way delay: 124.307 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 270.45 Mbit/s
95th percentile per-packet one-way delay: 113.518 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 215.05 Mbit/s
95th percentile per-packet one-way delay: 172.836 ms
Loss rate: 1.17%
-- Flow 3:
Average throughput: 142.04 Mbit/s
95th percentile per-packet one-way delay: 135.197 ms
Loss rate: 0.14%
```

Run 4: Report of PCC-Expr — Data Link

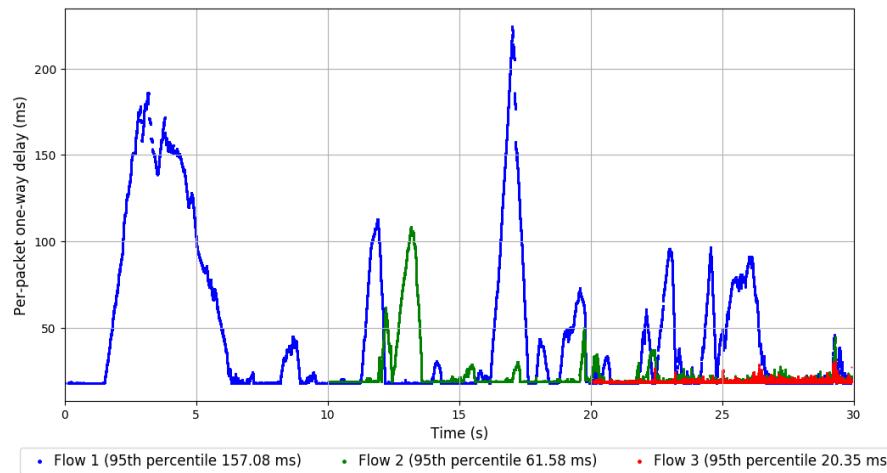
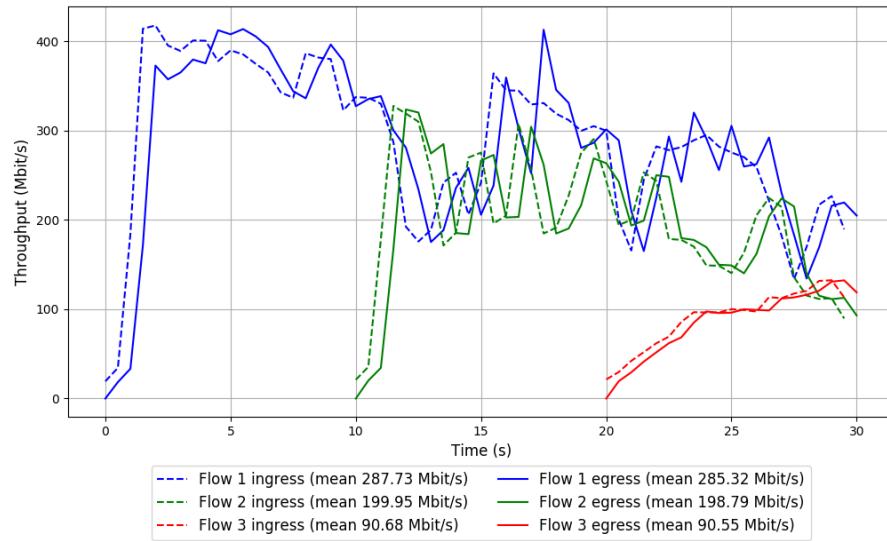


Run 5: Statistics of PCC-Expr

```
Start at: 2018-08-09 10:45:42
End at: 2018-08-09 10:46:12
Local clock offset: -1.283 ms
Remote clock offset: -0.332 ms

# Below is generated by plot.py at 2018-08-09 15:10:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 447.32 Mbit/s
95th percentile per-packet one-way delay: 150.829 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 285.32 Mbit/s
95th percentile per-packet one-way delay: 157.084 ms
Loss rate: 0.84%
-- Flow 2:
Average throughput: 198.79 Mbit/s
95th percentile per-packet one-way delay: 61.578 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 90.55 Mbit/s
95th percentile per-packet one-way delay: 20.350 ms
Loss rate: 0.06%
```

Run 5: Report of PCC-Expr — Data Link

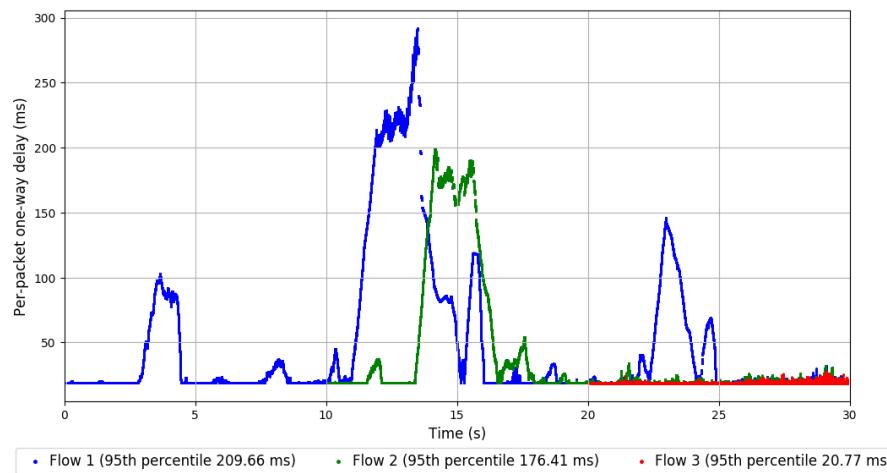
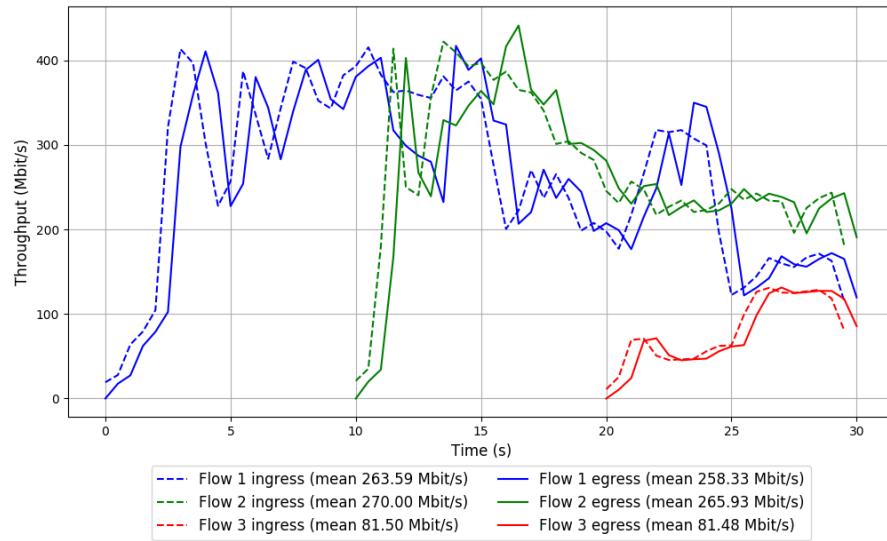


Run 6: Statistics of PCC-Expr

```
Start at: 2018-08-09 11:13:24
End at: 2018-08-09 11:13:54
Local clock offset: -0.787 ms
Remote clock offset: -0.369 ms

# Below is generated by plot.py at 2018-08-09 15:11:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 462.09 Mbit/s
95th percentile per-packet one-way delay: 179.723 ms
Loss rate: 1.70%
-- Flow 1:
Average throughput: 258.33 Mbit/s
95th percentile per-packet one-way delay: 209.660 ms
Loss rate: 2.00%
-- Flow 2:
Average throughput: 265.93 Mbit/s
95th percentile per-packet one-way delay: 176.410 ms
Loss rate: 1.50%
-- Flow 3:
Average throughput: 81.48 Mbit/s
95th percentile per-packet one-way delay: 20.766 ms
Loss rate: 0.02%
```

Run 6: Report of PCC-Expr — Data Link

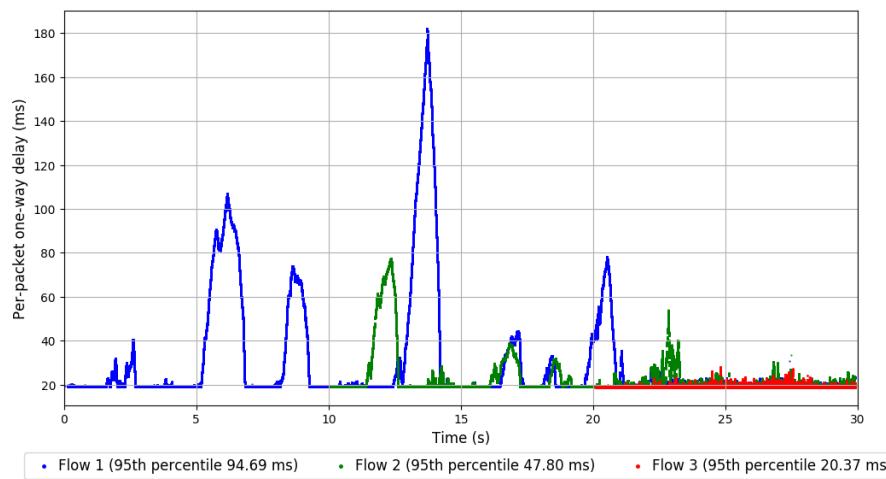
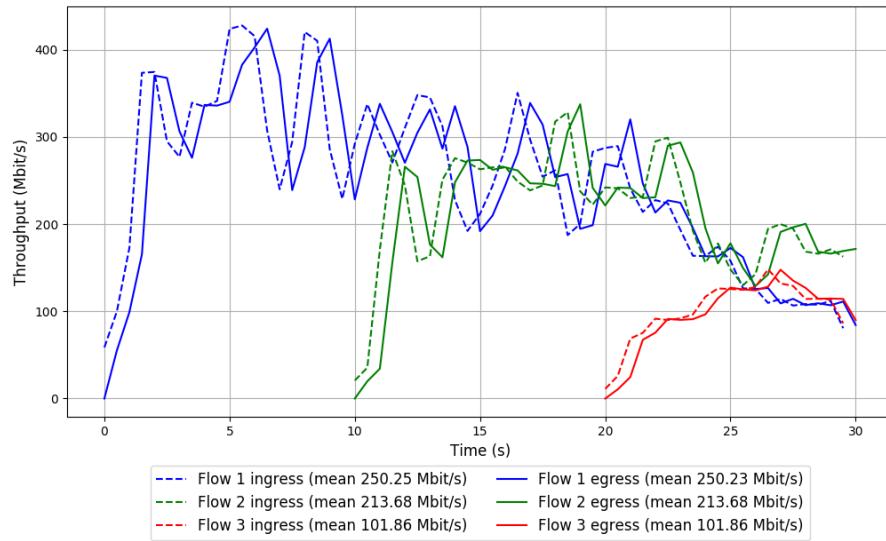


Run 7: Statistics of PCC-Expr

```
Start at: 2018-08-09 11:40:49
End at: 2018-08-09 11:41:19
Local clock offset: 3.273 ms
Remote clock offset: 0.45 ms

# Below is generated by plot.py at 2018-08-09 15:17:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 425.92 Mbit/s
95th percentile per-packet one-way delay: 83.327 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 250.23 Mbit/s
95th percentile per-packet one-way delay: 94.694 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 213.68 Mbit/s
95th percentile per-packet one-way delay: 47.805 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 101.86 Mbit/s
95th percentile per-packet one-way delay: 20.373 ms
Loss rate: 0.01%
```

Run 7: Report of PCC-Expr — Data Link

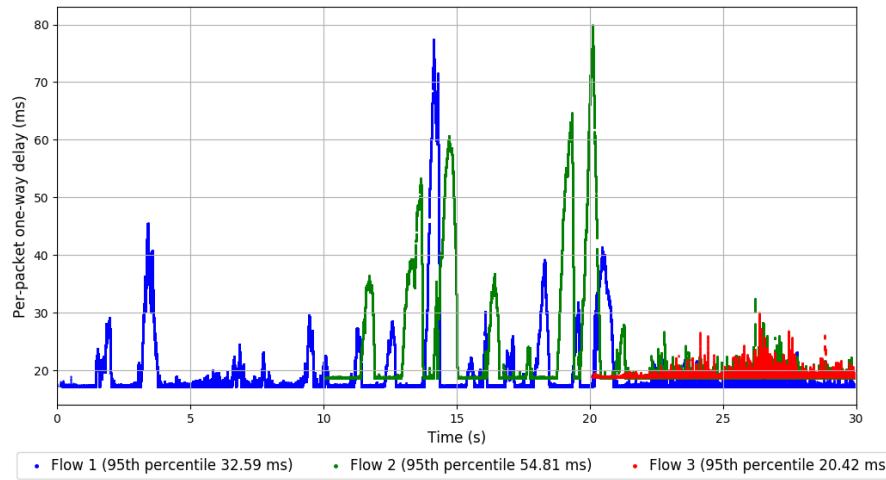
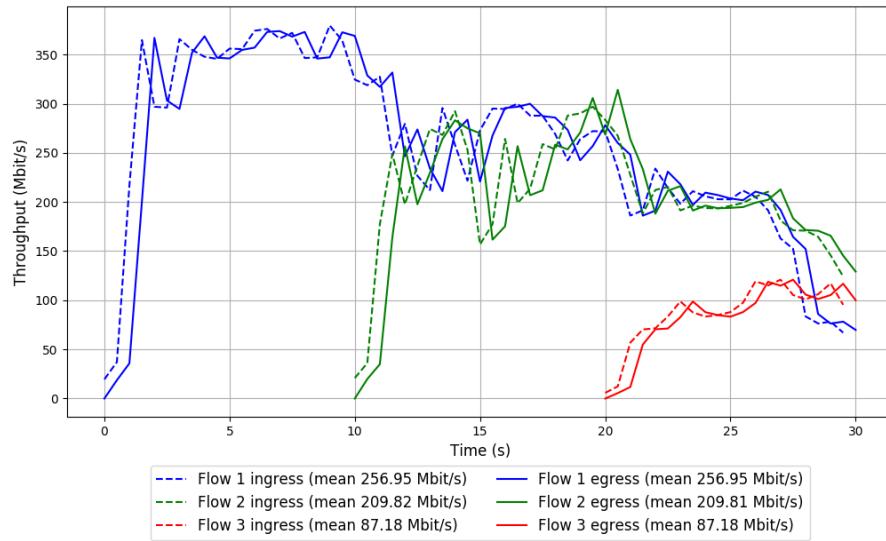


Run 8: Statistics of PCC-Expr

```
Start at: 2018-08-09 12:08:25
End at: 2018-08-09 12:08:55
Local clock offset: -0.057 ms
Remote clock offset: -0.405 ms

# Below is generated by plot.py at 2018-08-09 15:17:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 425.25 Mbit/s
95th percentile per-packet one-way delay: 39.778 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 256.95 Mbit/s
95th percentile per-packet one-way delay: 32.585 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 209.81 Mbit/s
95th percentile per-packet one-way delay: 54.812 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 87.18 Mbit/s
95th percentile per-packet one-way delay: 20.423 ms
Loss rate: 0.01%
```

Run 8: Report of PCC-Expr — Data Link

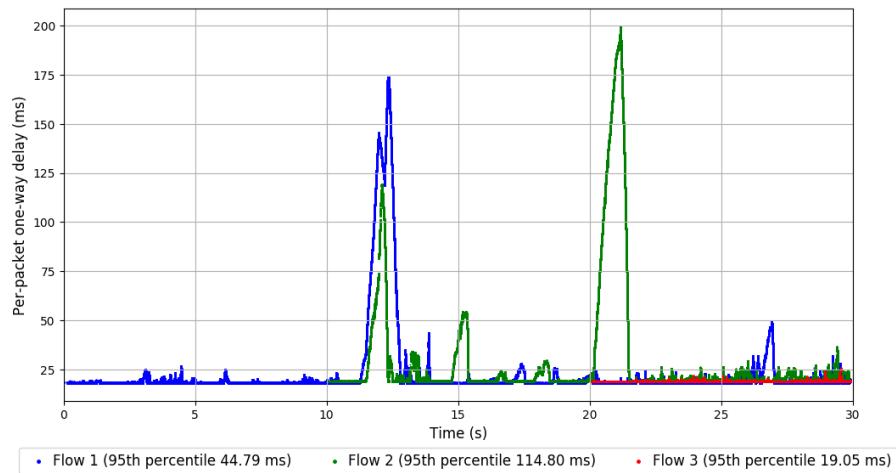
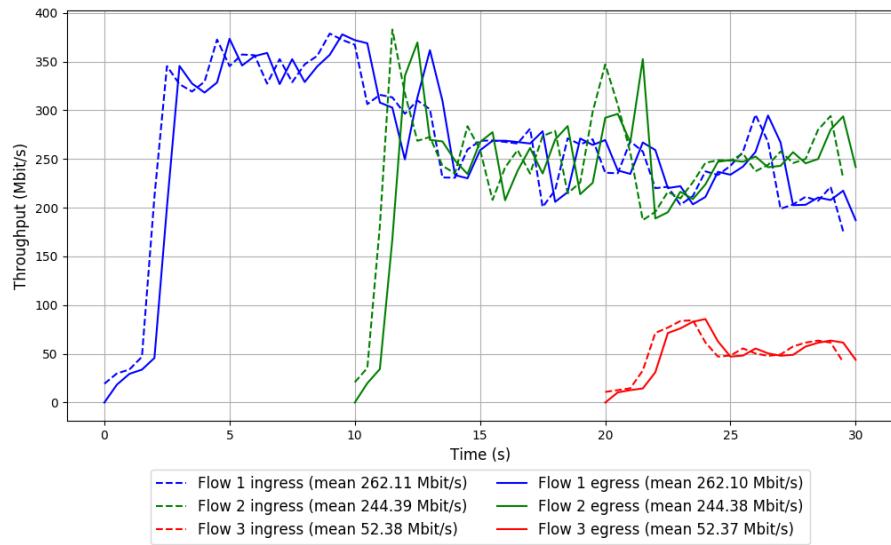


Run 9: Statistics of PCC-Expr

```
Start at: 2018-08-09 12:35:41
End at: 2018-08-09 12:36:11
Local clock offset: -3.403 ms
Remote clock offset: 2.968 ms

# Below is generated by plot.py at 2018-08-09 15:18:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 441.92 Mbit/s
95th percentile per-packet one-way delay: 80.204 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 262.10 Mbit/s
95th percentile per-packet one-way delay: 44.791 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 244.38 Mbit/s
95th percentile per-packet one-way delay: 114.799 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 52.37 Mbit/s
95th percentile per-packet one-way delay: 19.048 ms
Loss rate: 0.00%
```

Run 9: Report of PCC-Expr — Data Link

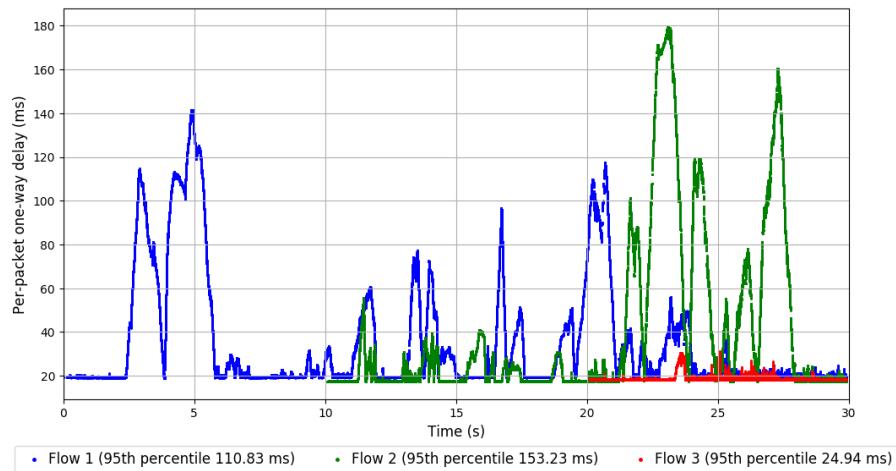
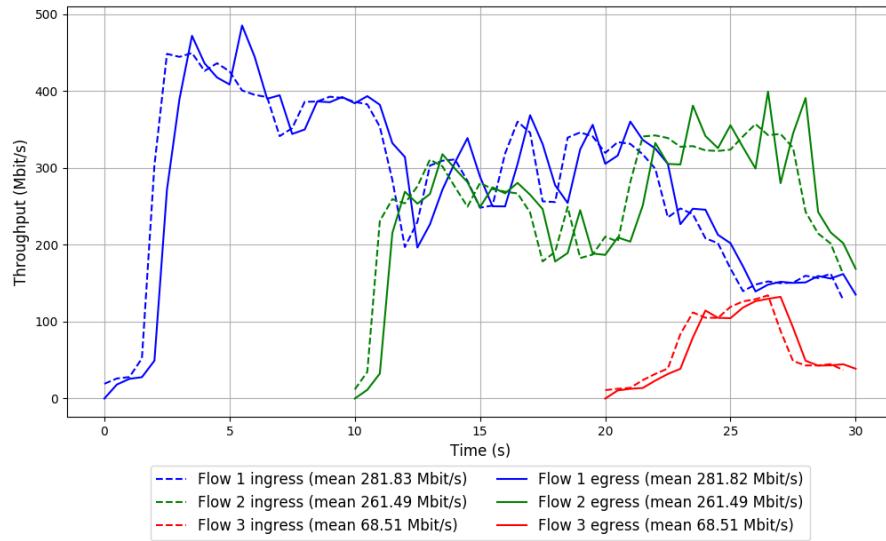


Run 10: Statistics of PCC-Expr

```
Start at: 2018-08-09 13:03:04
End at: 2018-08-09 13:03:34
Local clock offset: 2.781 ms
Remote clock offset: 3.091 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 478.36 Mbit/s
95th percentile per-packet one-way delay: 119.100 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 281.82 Mbit/s
95th percentile per-packet one-way delay: 110.829 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 261.49 Mbit/s
95th percentile per-packet one-way delay: 153.229 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 68.51 Mbit/s
95th percentile per-packet one-way delay: 24.942 ms
Loss rate: 0.00%
```

Run 10: Report of PCC-Expr — Data Link

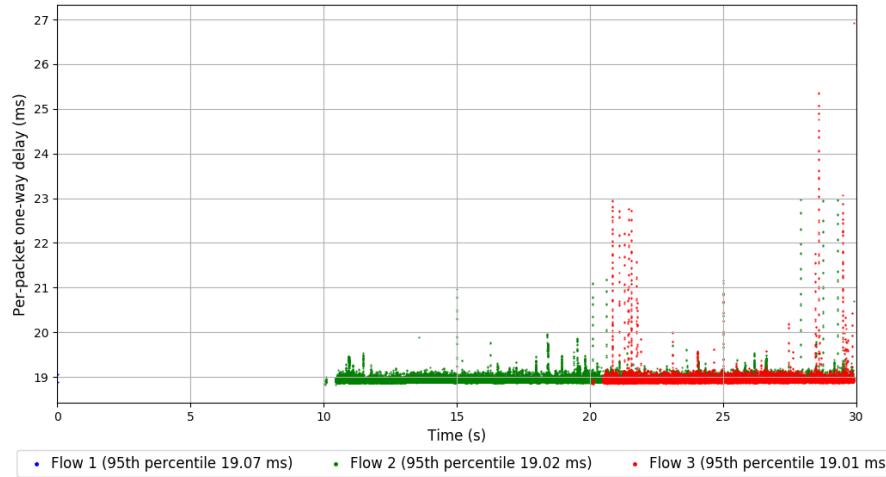
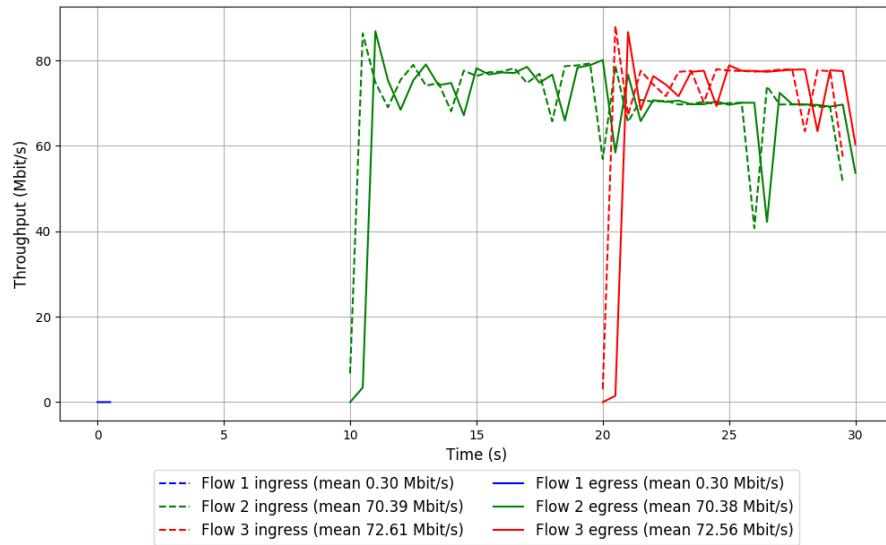


```
Run 1: Statistics of QUIC Cubic

Start at: 2018-08-09 09:07:36
End at: 2018-08-09 09:08:06
Local clock offset: 4.744 ms
Remote clock offset: 2.721 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 70.67 Mbit/s
95th percentile per-packet one-way delay: 19.014 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 19.071 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 70.38 Mbit/s
95th percentile per-packet one-way delay: 19.016 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 72.56 Mbit/s
95th percentile per-packet one-way delay: 19.010 ms
Loss rate: 0.01%
```

Run 1: Report of QUIC Cubic — Data Link

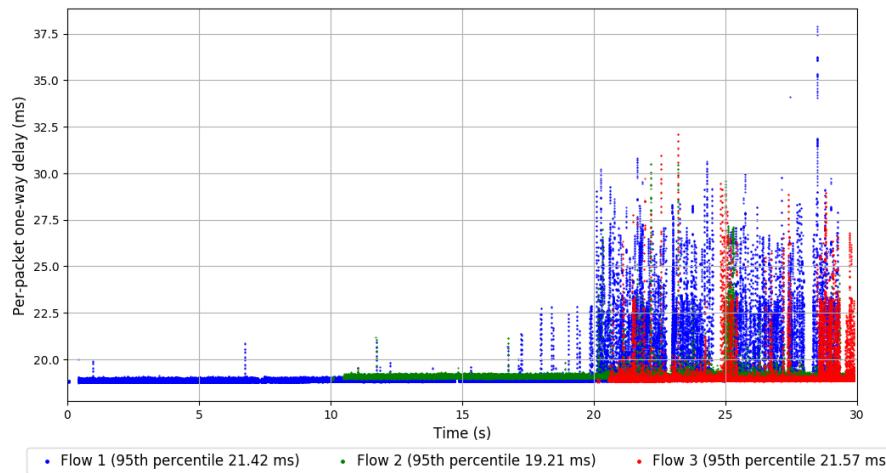
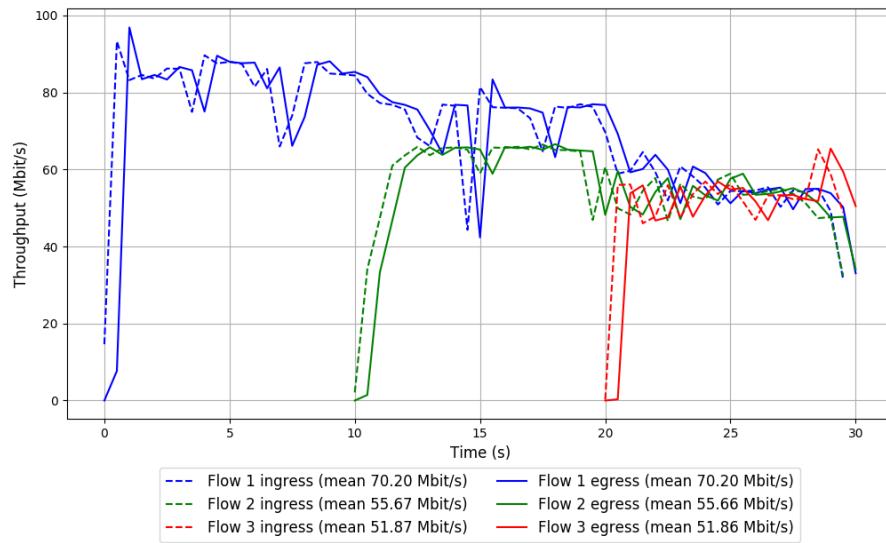


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-08-09 09:34:55
End at: 2018-08-09 09:35:25
Local clock offset: 8.429 ms
Remote clock offset: 3.439 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 124.11 Mbit/s
95th percentile per-packet one-way delay: 20.644 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.20 Mbit/s
95th percentile per-packet one-way delay: 21.423 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 55.66 Mbit/s
95th percentile per-packet one-way delay: 19.207 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 51.86 Mbit/s
95th percentile per-packet one-way delay: 21.567 ms
Loss rate: 0.01%
```

Run 2: Report of QUIC Cubic — Data Link

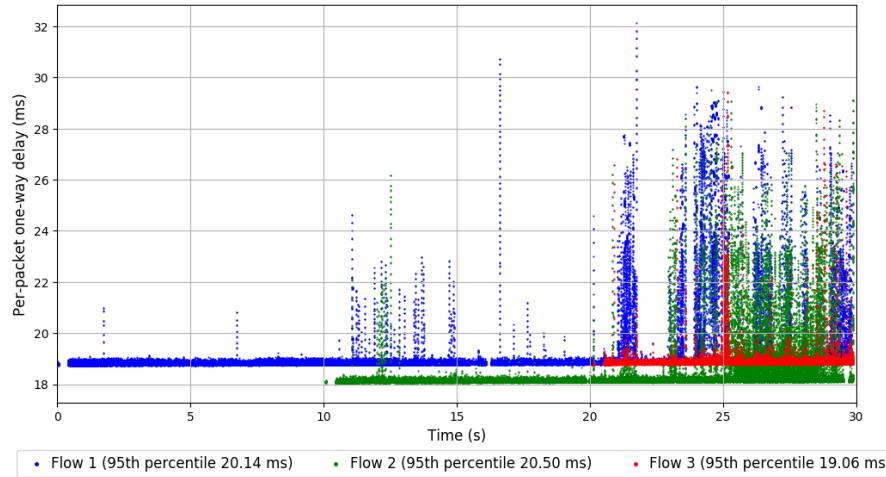
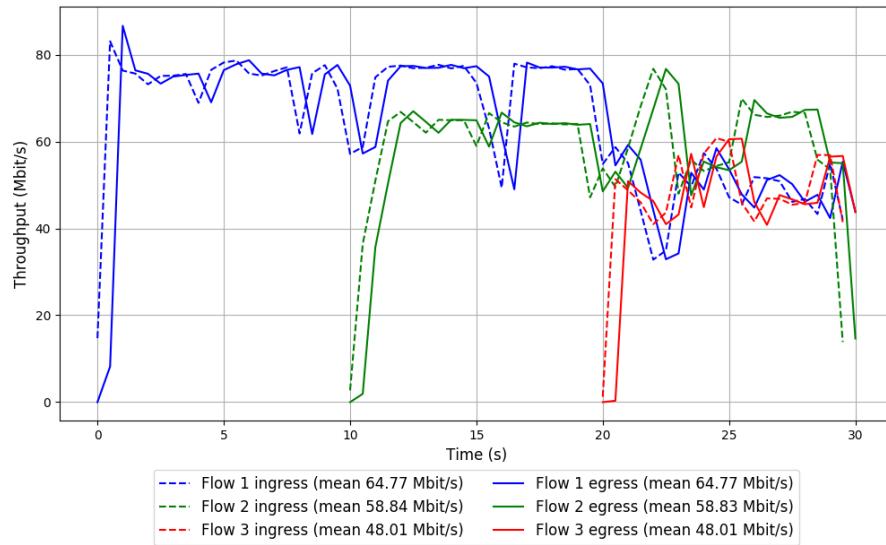


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-08-09 10:02:31
End at: 2018-08-09 10:03:01
Local clock offset: 3.721 ms
Remote clock offset: 2.73 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 119.56 Mbit/s
95th percentile per-packet one-way delay: 20.051 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 64.77 Mbit/s
95th percentile per-packet one-way delay: 20.135 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 58.83 Mbit/s
95th percentile per-packet one-way delay: 20.503 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 48.01 Mbit/s
95th percentile per-packet one-way delay: 19.059 ms
Loss rate: 0.00%
```

Run 3: Report of QUIC Cubic — Data Link

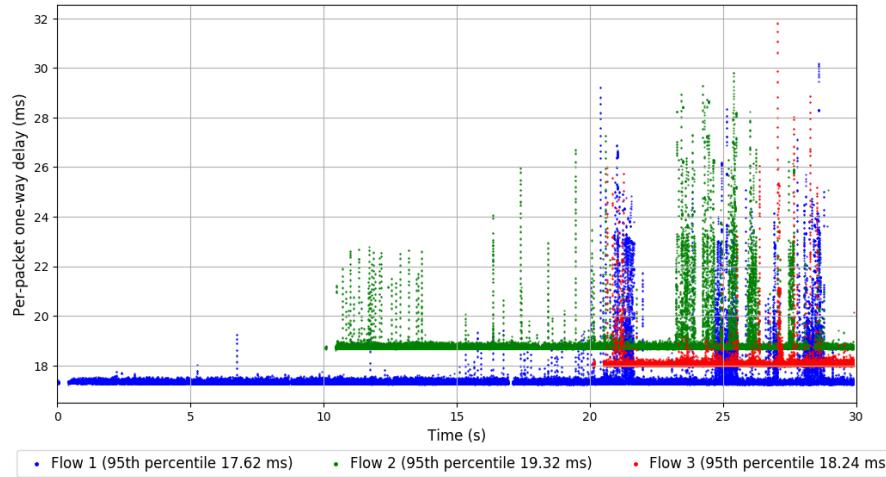
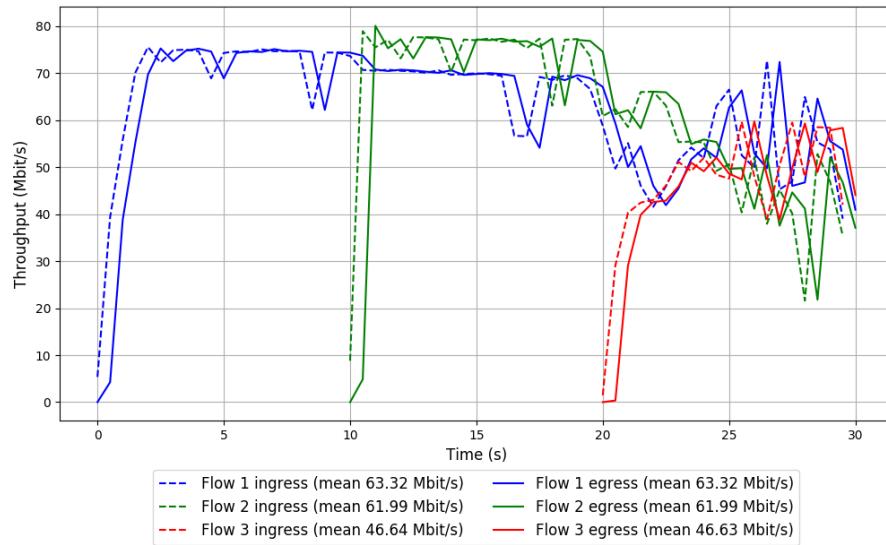


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-08-09 10:29:58
End at: 2018-08-09 10:30:28
Local clock offset: -0.134 ms
Remote clock offset: 0.339 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 119.81 Mbit/s
95th percentile per-packet one-way delay: 18.838 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 63.32 Mbit/s
95th percentile per-packet one-way delay: 17.622 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 61.99 Mbit/s
95th percentile per-packet one-way delay: 19.321 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 46.63 Mbit/s
95th percentile per-packet one-way delay: 18.238 ms
Loss rate: 0.01%
```

Run 4: Report of QUIC Cubic — Data Link

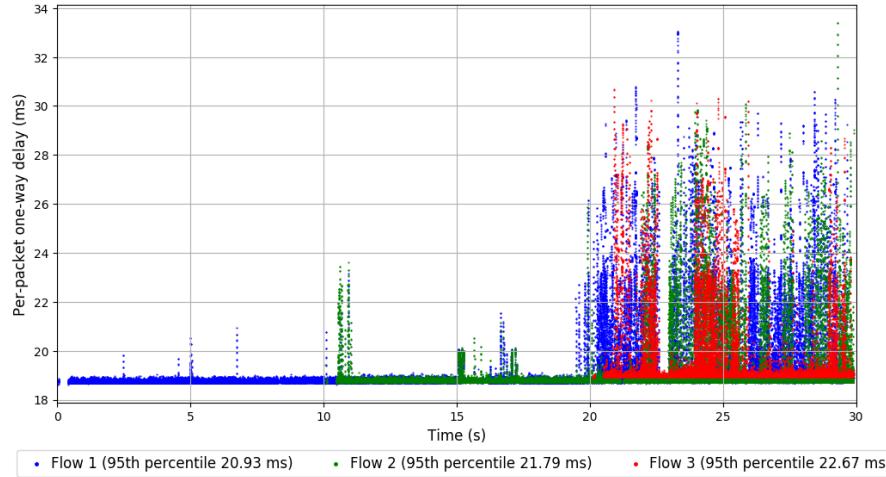
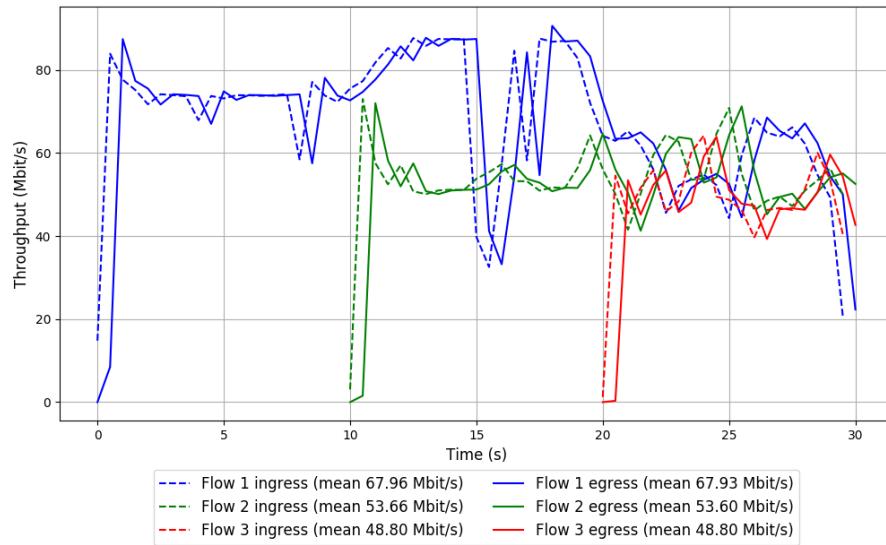


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-08-09 10:57:38
End at: 2018-08-09 10:58:08
Local clock offset: -0.583 ms
Remote clock offset: -0.62 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 119.50 Mbit/s
95th percentile per-packet one-way delay: 21.552 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 67.93 Mbit/s
95th percentile per-packet one-way delay: 20.925 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 53.60 Mbit/s
95th percentile per-packet one-way delay: 21.792 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 48.80 Mbit/s
95th percentile per-packet one-way delay: 22.670 ms
Loss rate: 0.00%
```

Run 5: Report of QUIC Cubic — Data Link

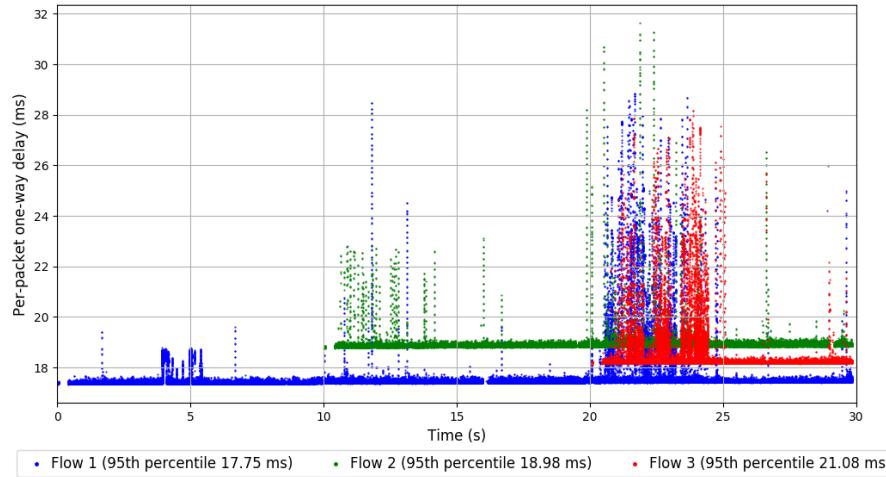
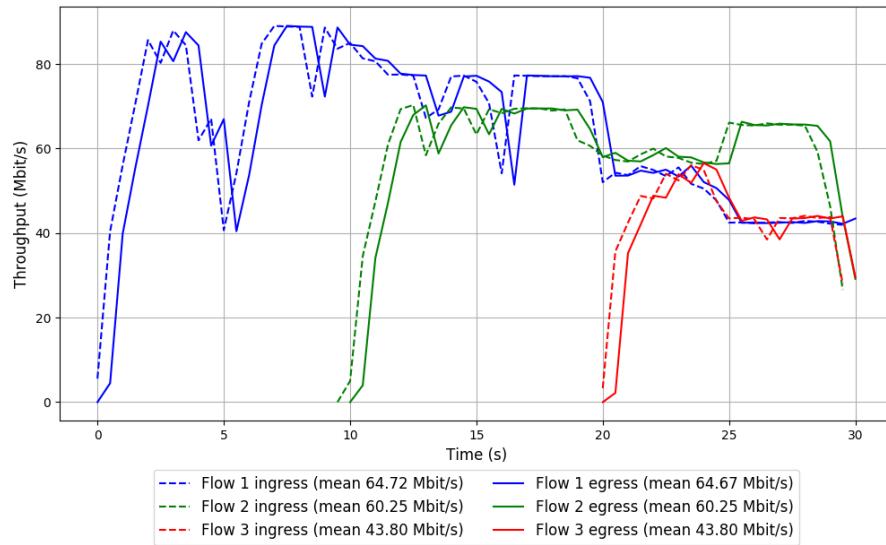


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-08-09 11:25:11
End at: 2018-08-09 11:25:41
Local clock offset: 1.872 ms
Remote clock offset: 0.275 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 119.14 Mbit/s
95th percentile per-packet one-way delay: 18.977 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 64.67 Mbit/s
95th percentile per-packet one-way delay: 17.747 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 60.25 Mbit/s
95th percentile per-packet one-way delay: 18.985 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 43.80 Mbit/s
95th percentile per-packet one-way delay: 21.084 ms
Loss rate: 0.00%
```

Run 6: Report of QUIC Cubic — Data Link

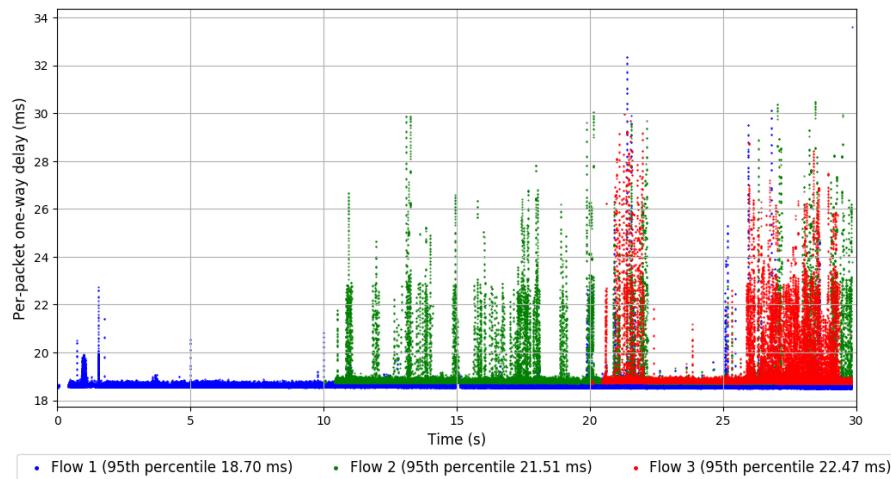
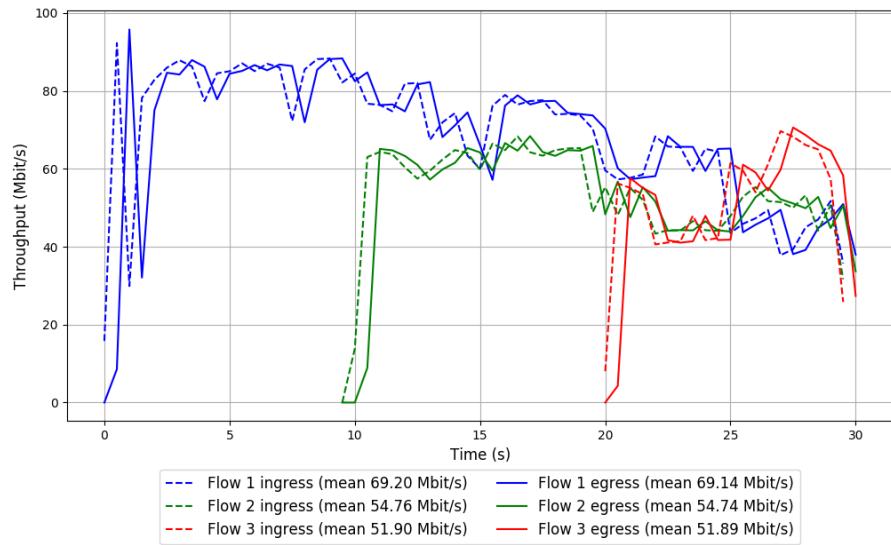


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-08-09 11:52:41
End at: 2018-08-09 11:53:11
Local clock offset: 1.507 ms
Remote clock offset: -0.06 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 122.59 Mbit/s
95th percentile per-packet one-way delay: 20.006 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 69.14 Mbit/s
95th percentile per-packet one-way delay: 18.696 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 54.74 Mbit/s
95th percentile per-packet one-way delay: 21.507 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 51.89 Mbit/s
95th percentile per-packet one-way delay: 22.467 ms
Loss rate: 0.00%
```

Run 7: Report of QUIC Cubic — Data Link

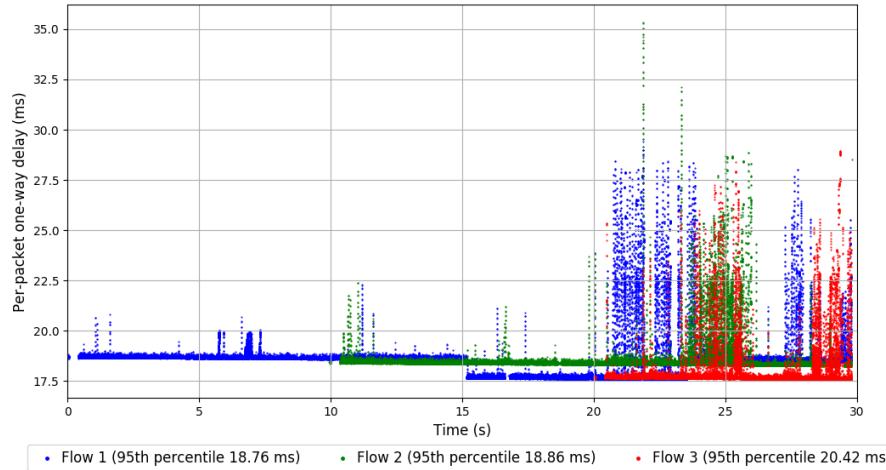
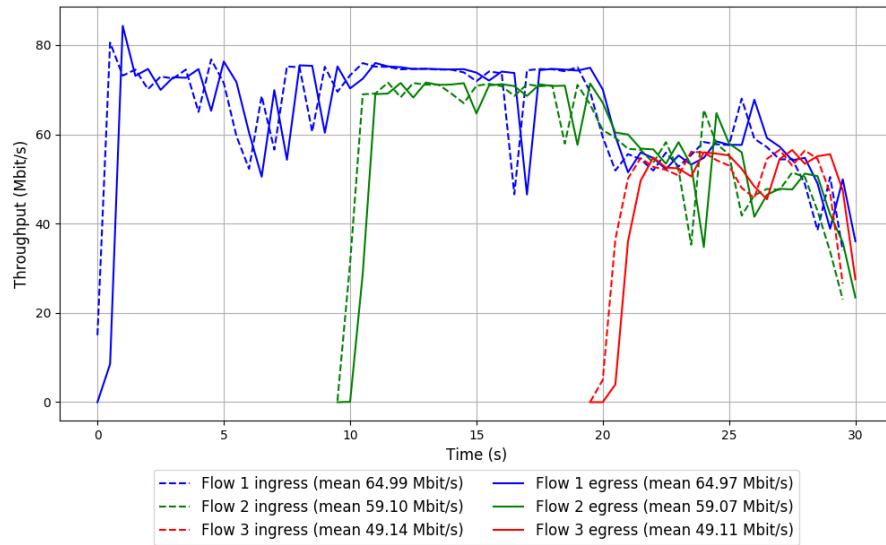


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-08-09 12:20:02
End at: 2018-08-09 12:20:32
Local clock offset: -1.43 ms
Remote clock offset: 0.564 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 120.50 Mbit/s
95th percentile per-packet one-way delay: 18.864 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 64.97 Mbit/s
95th percentile per-packet one-way delay: 18.761 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 59.07 Mbit/s
95th percentile per-packet one-way delay: 18.862 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 49.11 Mbit/s
95th percentile per-packet one-way delay: 20.424 ms
Loss rate: 0.04%
```

Run 8: Report of QUIC Cubic — Data Link

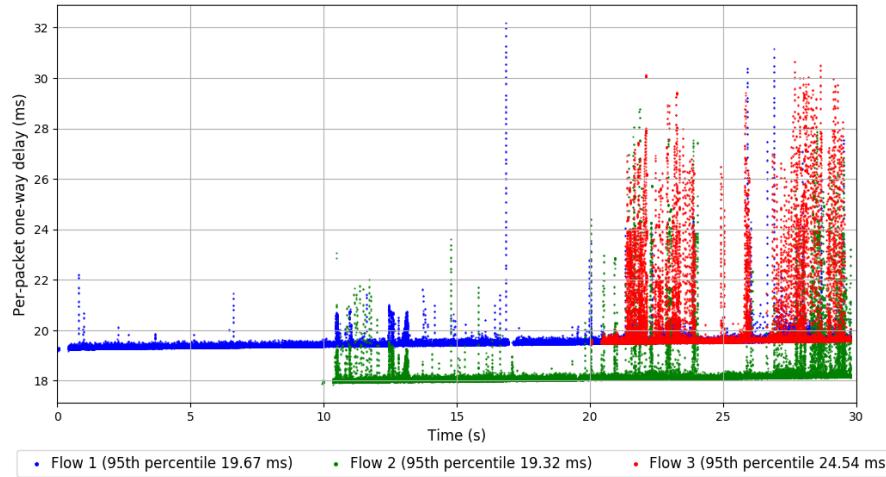
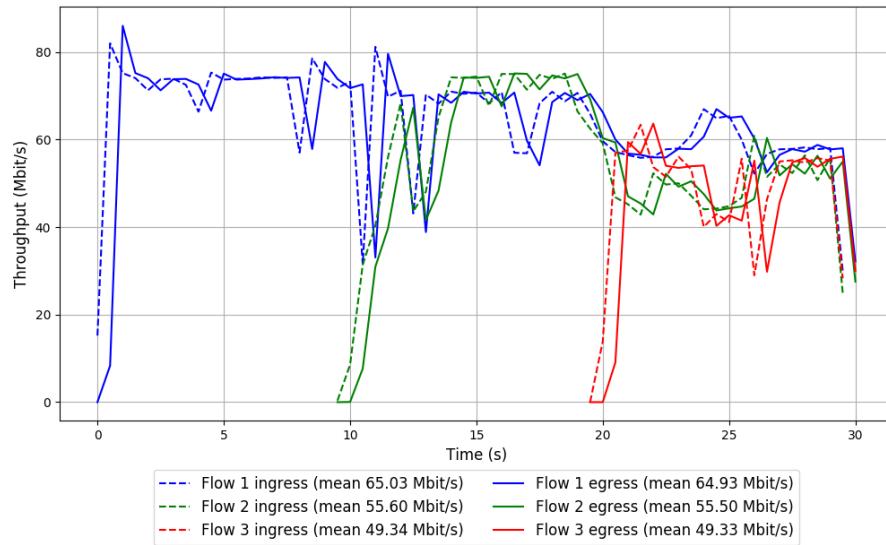


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-08-09 12:47:21
End at: 2018-08-09 12:47:51
Local clock offset: -3.083 ms
Remote clock offset: 3.456 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 118.14 Mbit/s
95th percentile per-packet one-way delay: 19.956 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 64.93 Mbit/s
95th percentile per-packet one-way delay: 19.668 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 55.50 Mbit/s
95th percentile per-packet one-way delay: 19.325 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 49.33 Mbit/s
95th percentile per-packet one-way delay: 24.535 ms
Loss rate: 0.02%
```

Run 9: Report of QUIC Cubic — Data Link

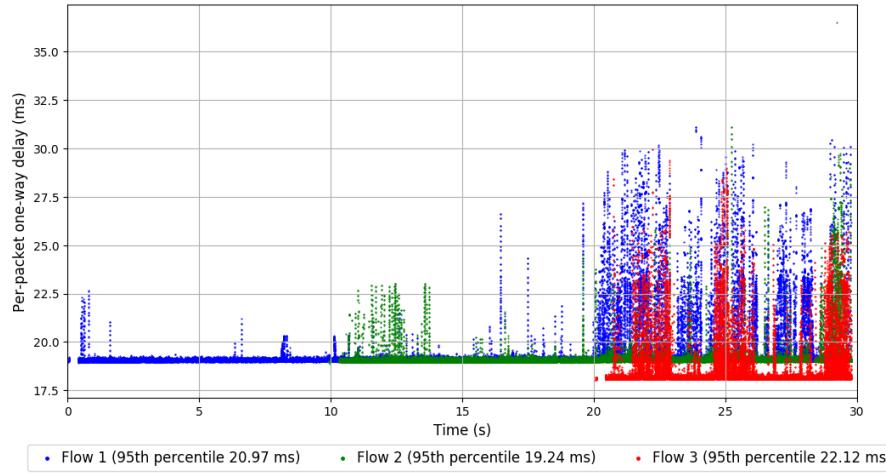
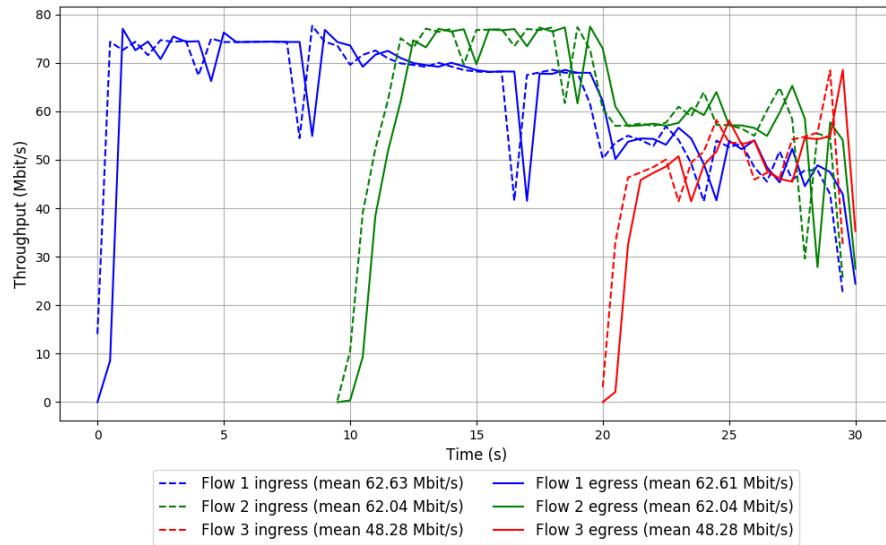


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-08-09 13:14:46
End at: 2018-08-09 13:15:16
Local clock offset: 4.151 ms
Remote clock offset: 3.112 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 119.82 Mbit/s
95th percentile per-packet one-way delay: 20.478 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 62.61 Mbit/s
95th percentile per-packet one-way delay: 20.967 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 62.04 Mbit/s
95th percentile per-packet one-way delay: 19.242 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 48.28 Mbit/s
95th percentile per-packet one-way delay: 22.125 ms
Loss rate: 0.00%
```

Run 10: Report of QUIC Cubic — Data Link

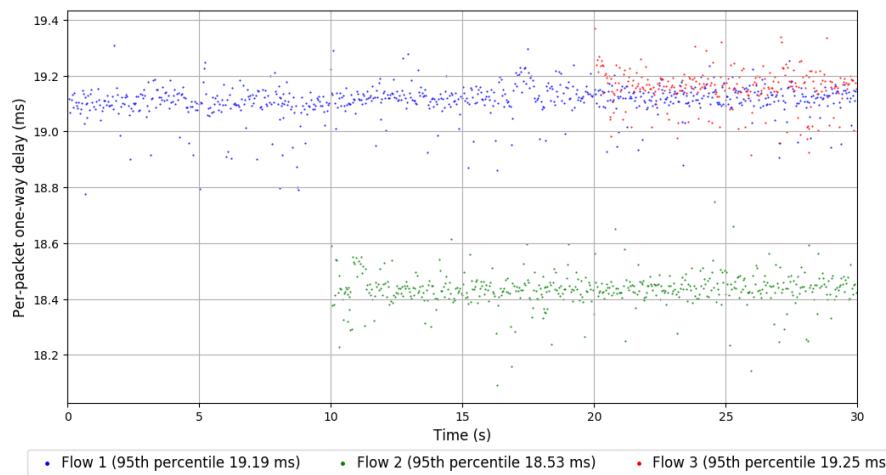
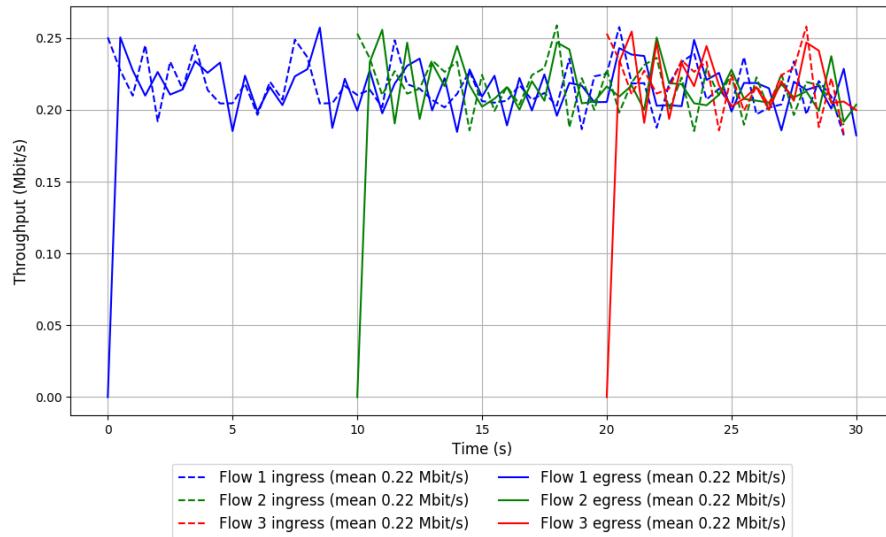


```
Run 1: Statistics of SCReAM

Start at: 2018-08-09 08:59:16
End at: 2018-08-09 08:59:46
Local clock offset: 2.679 ms
Remote clock offset: 1.255 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 19.200 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.186 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.527 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.248 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

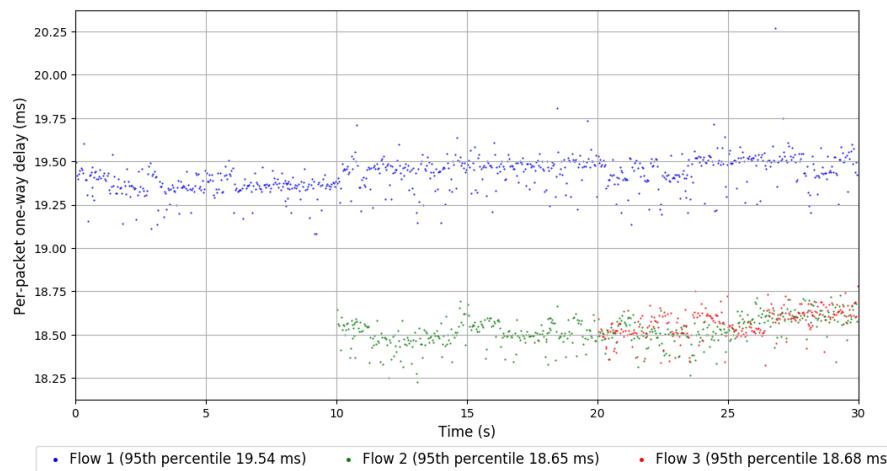
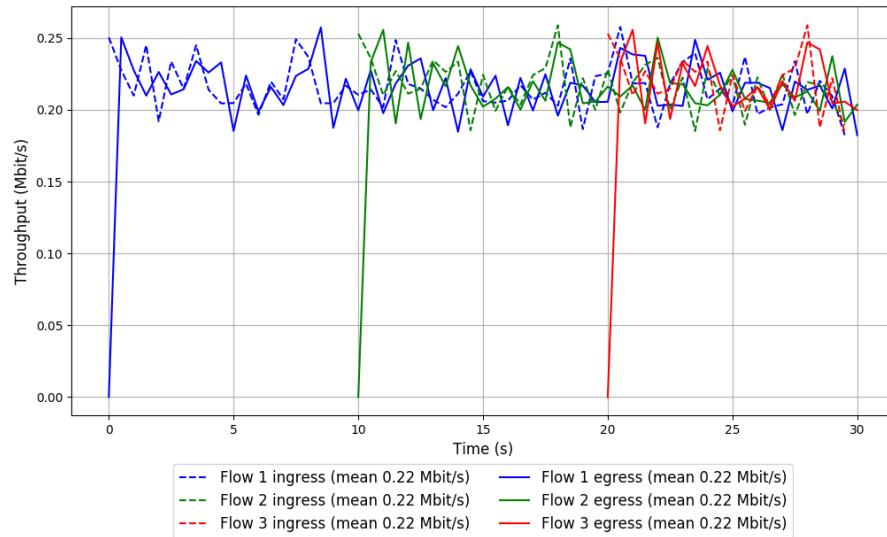


Run 2: Statistics of SCReAM

```
Start at: 2018-08-09 09:26:45
End at: 2018-08-09 09:27:15
Local clock offset: 7.467 ms
Remote clock offset: 4.13 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 19.523 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.544 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.647 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.683 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

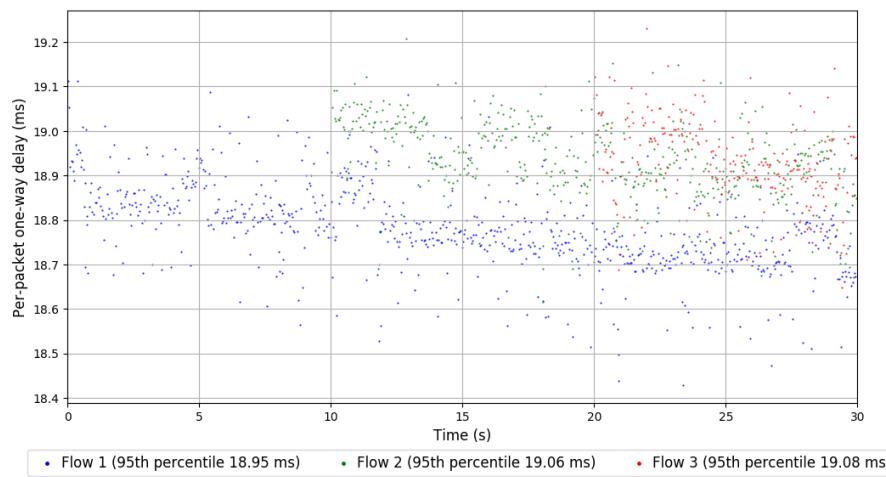
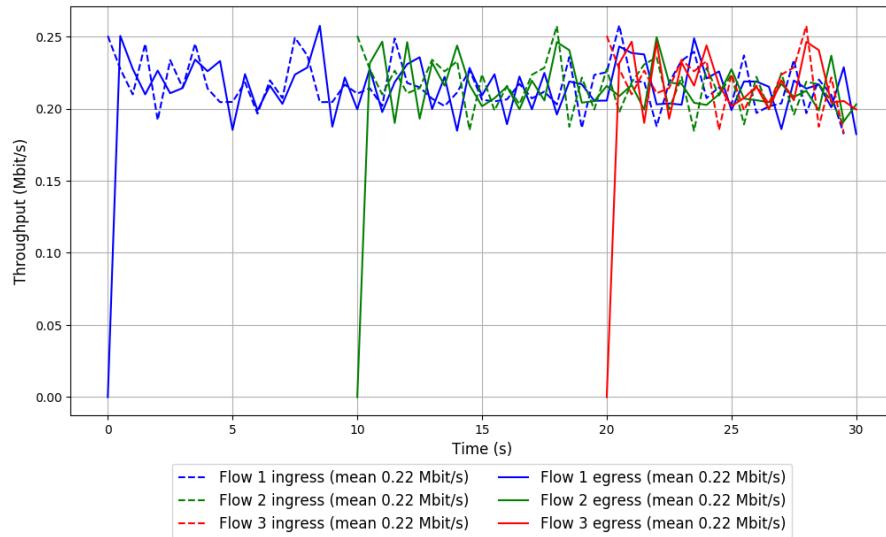


Run 3: Statistics of SCReAM

```
Start at: 2018-08-09 09:54:13
End at: 2018-08-09 09:54:43
Local clock offset: 5.42 ms
Remote clock offset: 3.22 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 19.044 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.945 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.060 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.080 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

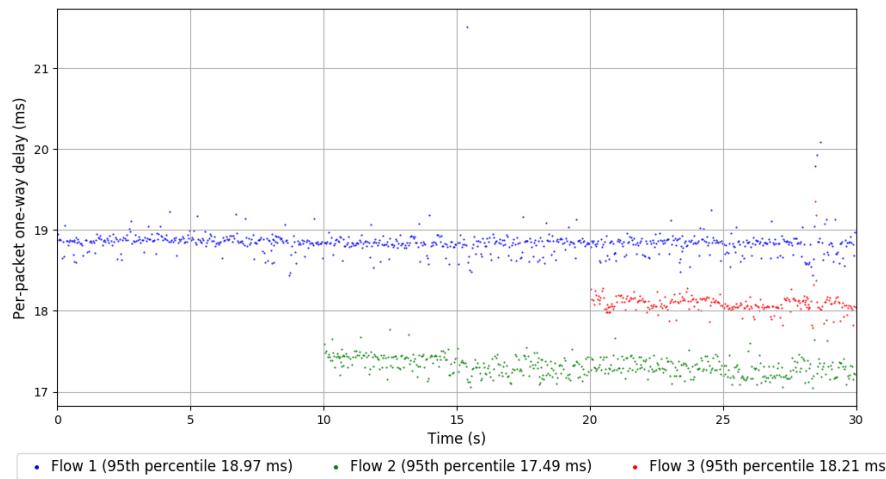
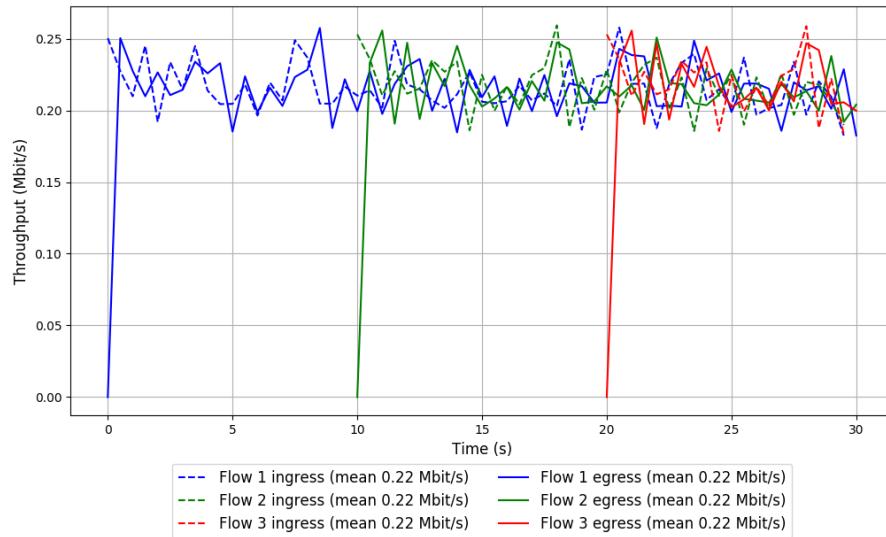


Run 4: Statistics of SCReAM

```
Start at: 2018-08-09 10:21:46
End at: 2018-08-09 10:22:16
Local clock offset: 1.28 ms
Remote clock offset: 0.596 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 18.928 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.971 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.489 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.206 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

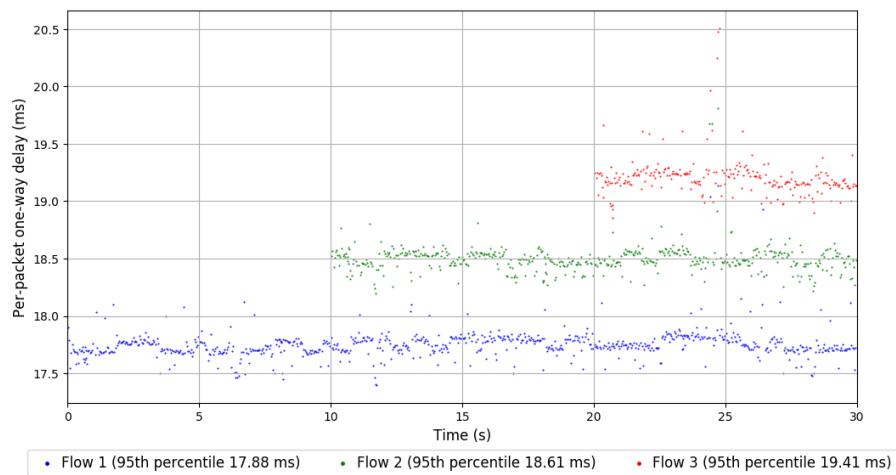
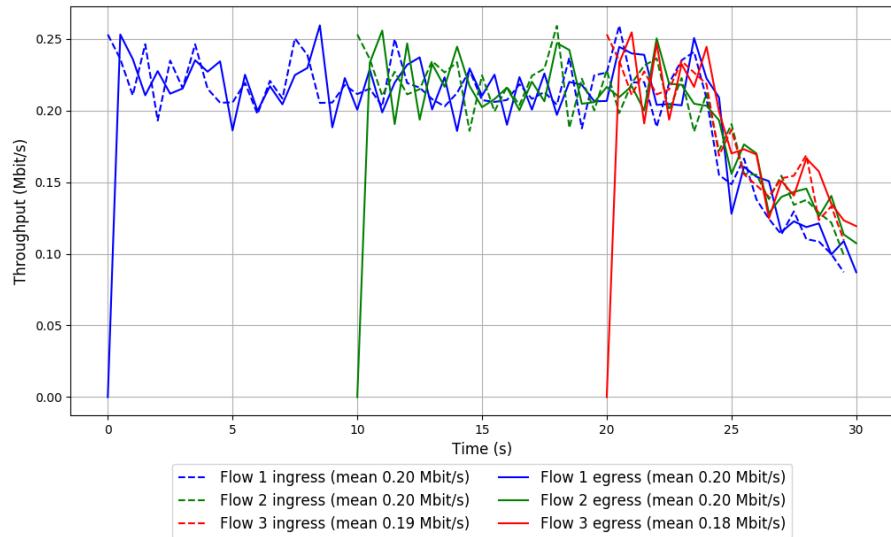


Run 5: Statistics of SCReAM

```
Start at: 2018-08-09 10:49:13
End at: 2018-08-09 10:49:43
Local clock offset: -1.025 ms
Remote clock offset: -0.382 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 19.241 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 17.878 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 18.613 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 19.406 ms
Loss rate: 0.81%
```

Run 5: Report of SCReAM — Data Link

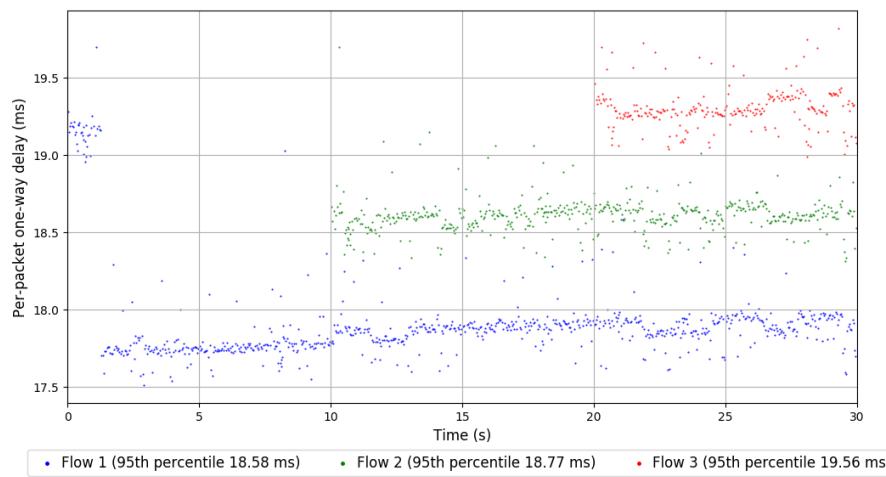
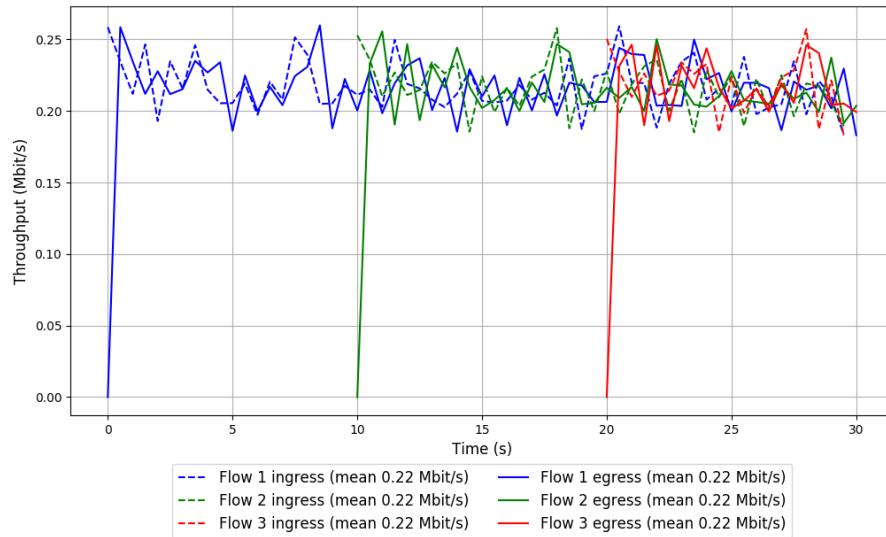


Run 6: Statistics of SCReAM

```
Start at: 2018-08-09 11:16:55
End at: 2018-08-09 11:17:25
Local clock offset: -0.386 ms
Remote clock offset: -0.08 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 19.338 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.582 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.772 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.564 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

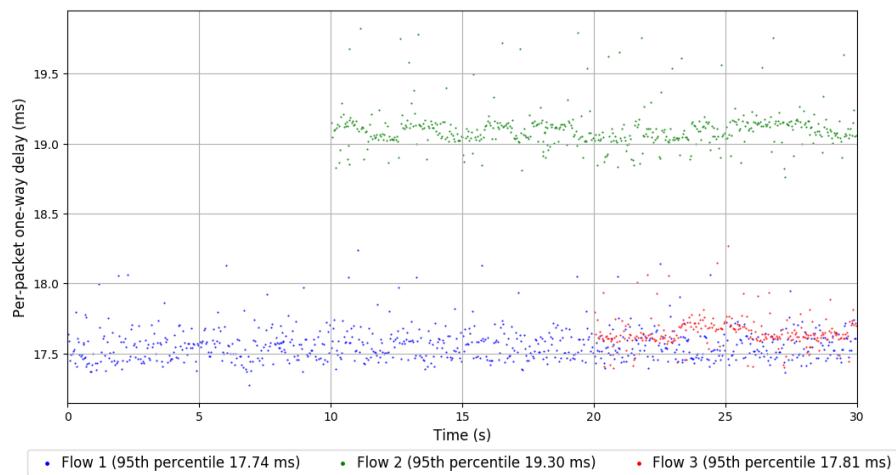
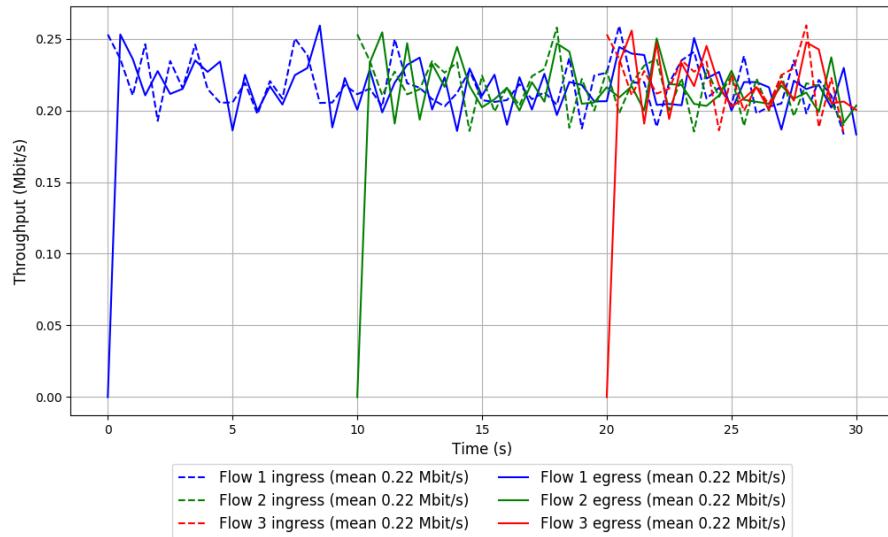


Run 7: Statistics of SCReAM

```
Start at: 2018-08-09 11:44:18
End at: 2018-08-09 11:44:48
Local clock offset: 3.533 ms
Remote clock offset: 0.33 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 19.162 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.739 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.297 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.812 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

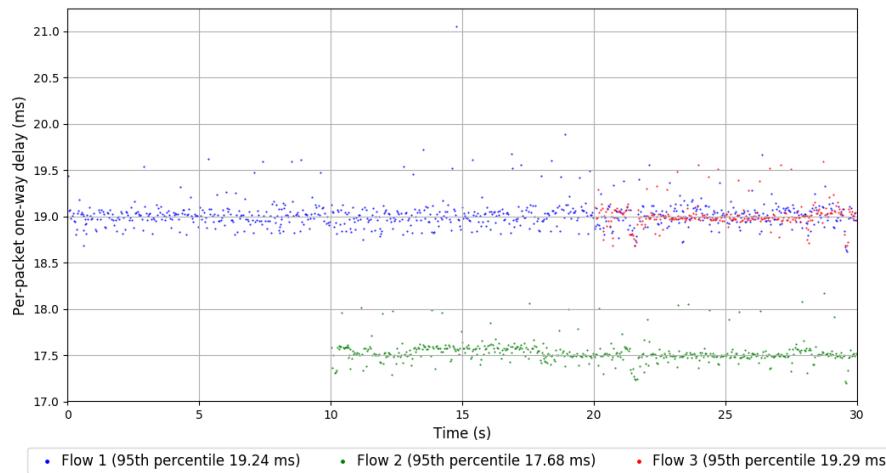
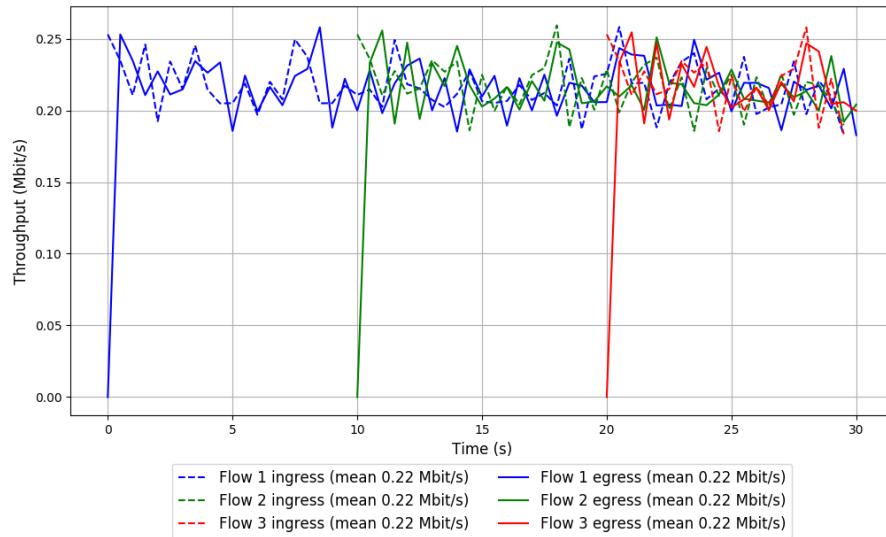


Run 8: Statistics of SCReAM

```
Start at: 2018-08-09 12:11:55
End at: 2018-08-09 12:12:25
Local clock offset: -0.231 ms
Remote clock offset: -0.417 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 19.140 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.238 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.676 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.290 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

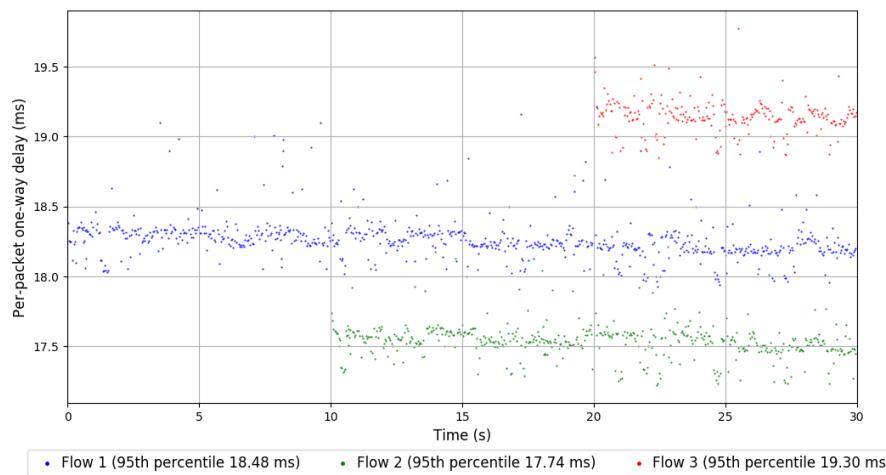
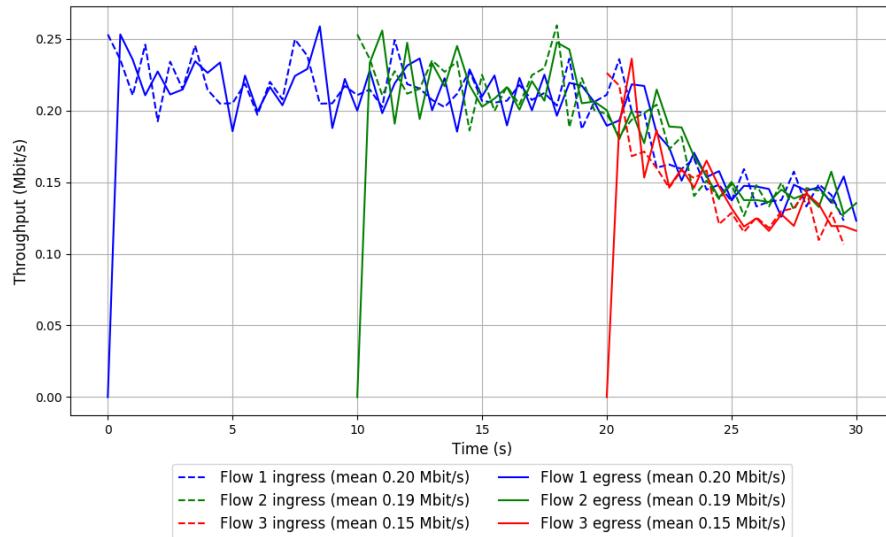


Run 9: Statistics of SCReAM

```
Start at: 2018-08-09 12:39:02
End at: 2018-08-09 12:39:32
Local clock offset: -3.732 ms
Remote clock offset: 3.077 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 19.186 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 18.480 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 17.740 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 19.301 ms
Loss rate: 0.60%
```

Run 9: Report of SCReAM — Data Link

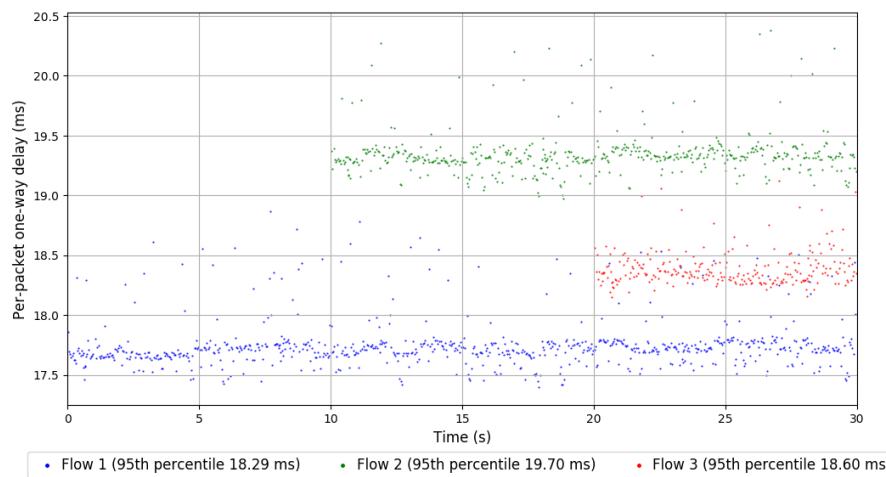
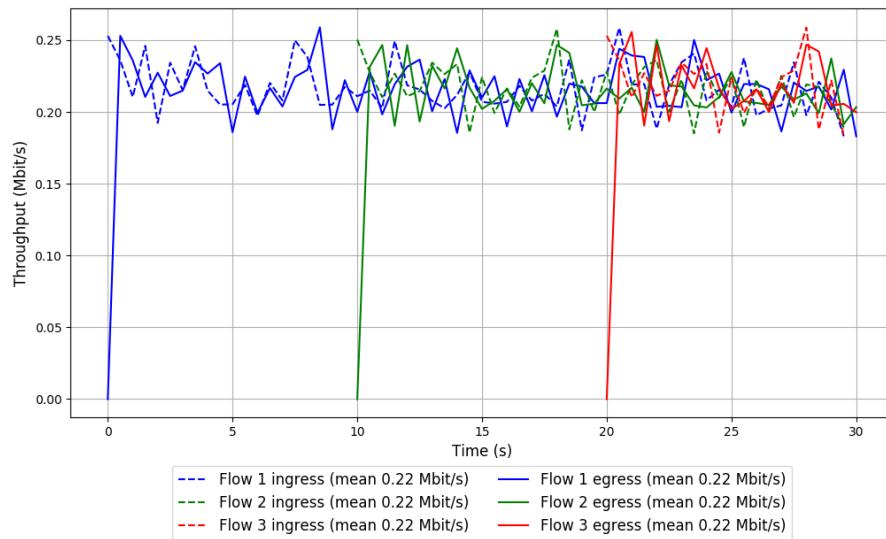


Run 10: Statistics of SCReAM

```
Start at: 2018-08-09 13:06:36
End at: 2018-08-09 13:07:06
Local clock offset: 3.346 ms
Remote clock offset: 3.078 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 19.408 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.291 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.704 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.598 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

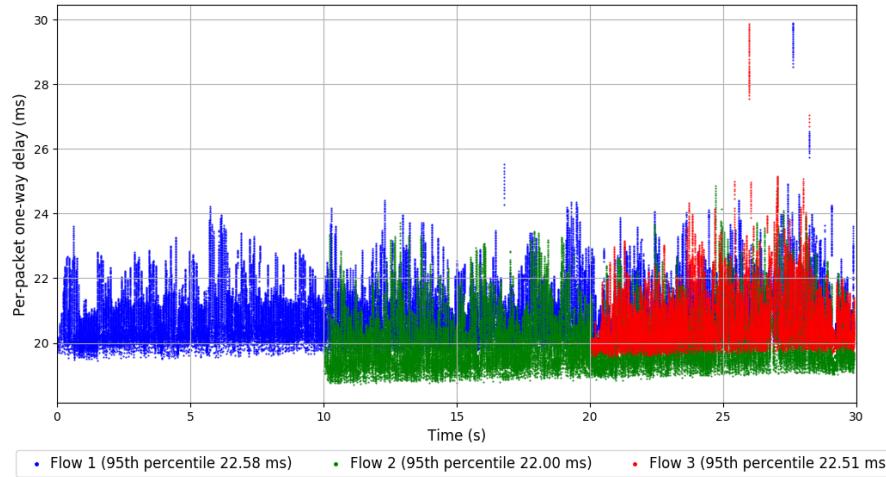
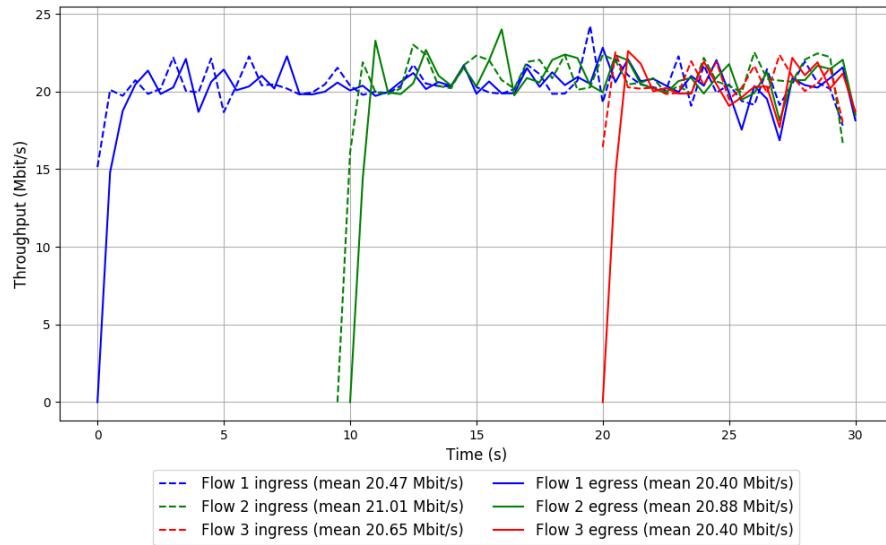


Run 1: Statistics of Sprout

```
Start at: 2018-08-09 08:45:56
End at: 2018-08-09 08:46:26
Local clock offset: -5.055 ms
Remote clock offset: -1.239 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.04 Mbit/s
95th percentile per-packet one-way delay: 22.420 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 20.40 Mbit/s
95th percentile per-packet one-way delay: 22.578 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 20.88 Mbit/s
95th percentile per-packet one-way delay: 21.997 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 20.40 Mbit/s
95th percentile per-packet one-way delay: 22.513 ms
Loss rate: 1.17%
```

Run 1: Report of Sprout — Data Link

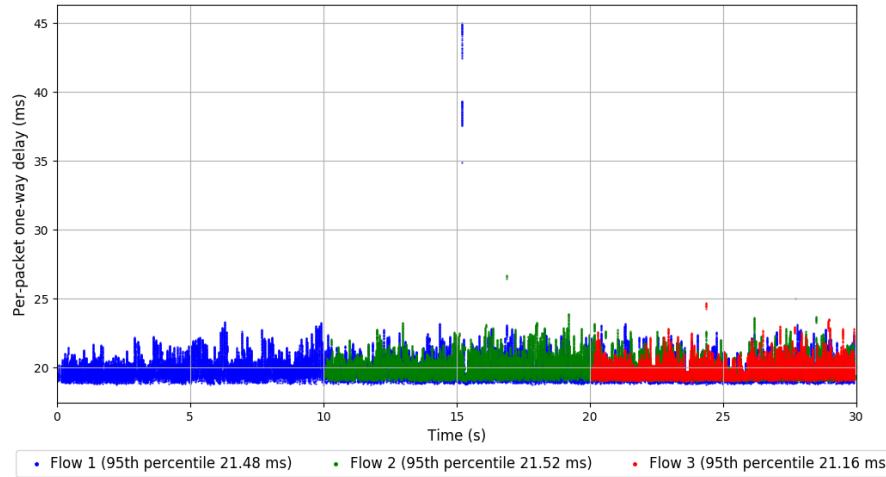
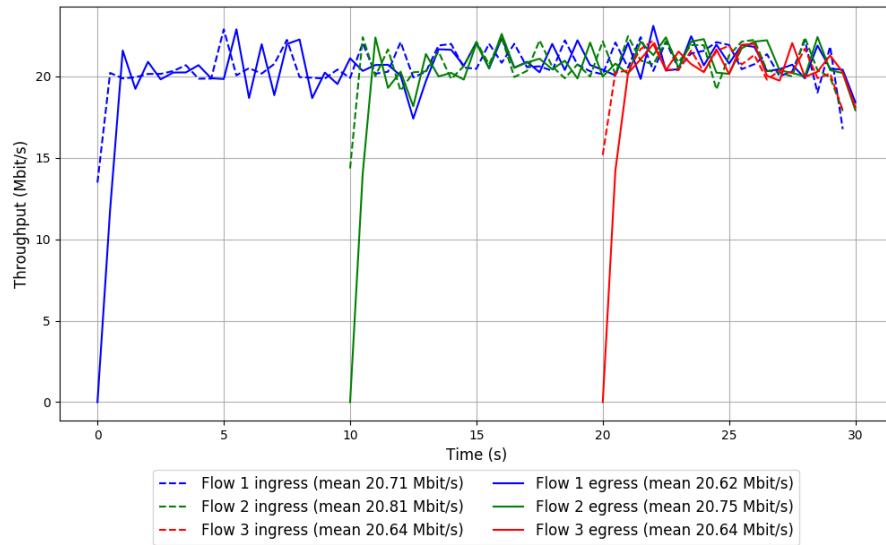


Run 2: Statistics of Sprout

```
Start at: 2018-08-09 09:13:31
End at: 2018-08-09 09:14:01
Local clock offset: 5.635 ms
Remote clock offset: 3.332 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.24 Mbit/s
95th percentile per-packet one-way delay: 21.460 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 20.62 Mbit/s
95th percentile per-packet one-way delay: 21.485 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 20.75 Mbit/s
95th percentile per-packet one-way delay: 21.521 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 20.64 Mbit/s
95th percentile per-packet one-way delay: 21.165 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

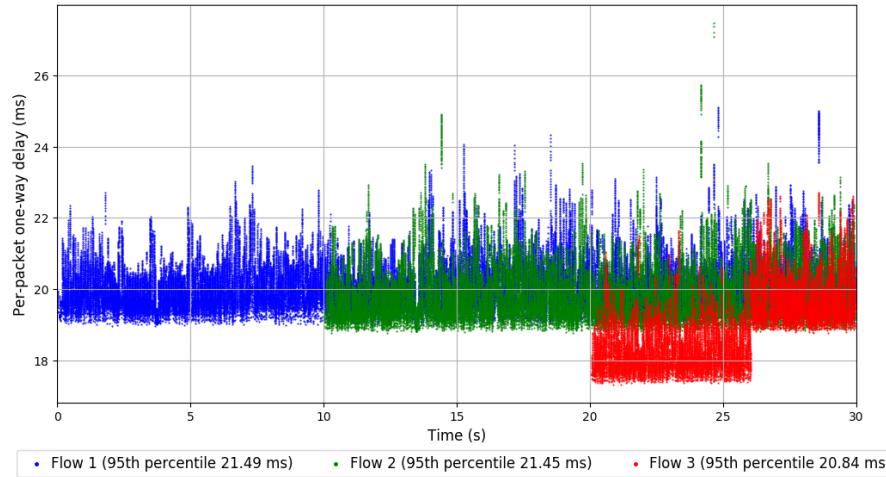
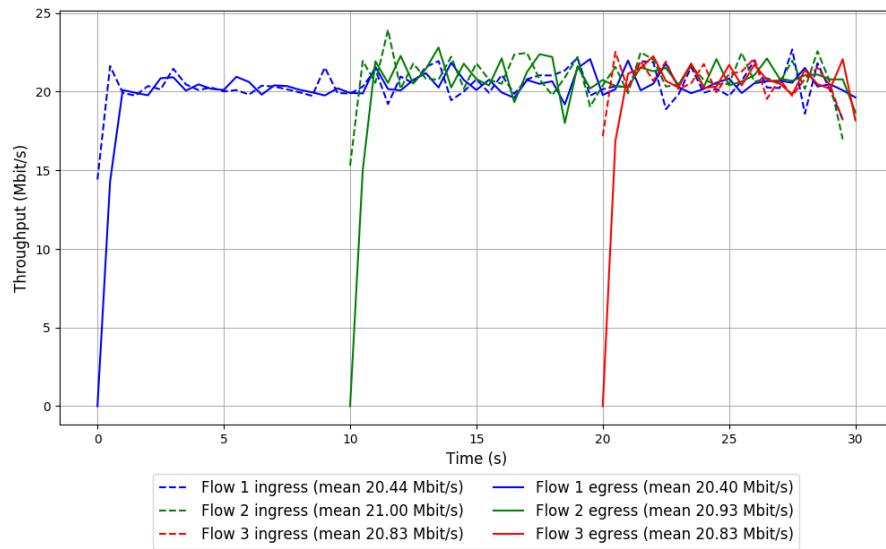


Run 3: Statistics of Sprout

```
Start at: 2018-08-09 09:40:51
End at: 2018-08-09 09:41:21
Local clock offset: 9.111 ms
Remote clock offset: 3.283 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.22 Mbit/s
95th percentile per-packet one-way delay: 21.408 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 20.40 Mbit/s
95th percentile per-packet one-way delay: 21.487 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 20.93 Mbit/s
95th percentile per-packet one-way delay: 21.453 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 20.83 Mbit/s
95th percentile per-packet one-way delay: 20.841 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

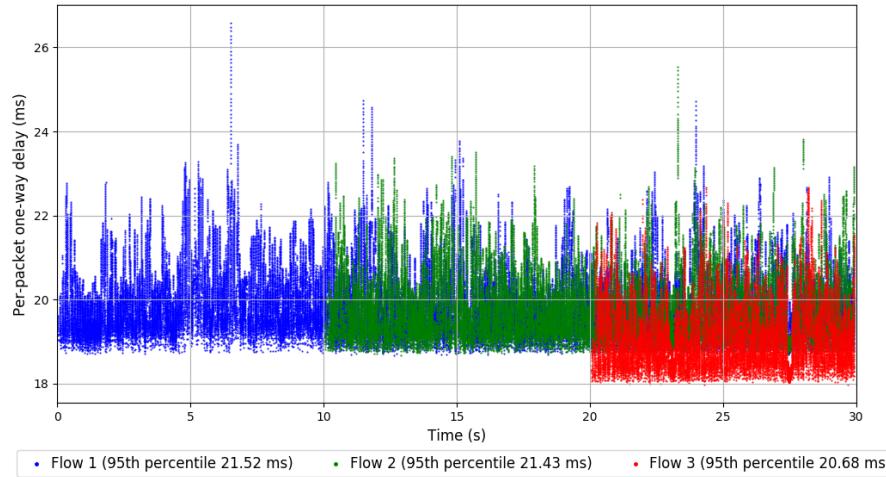
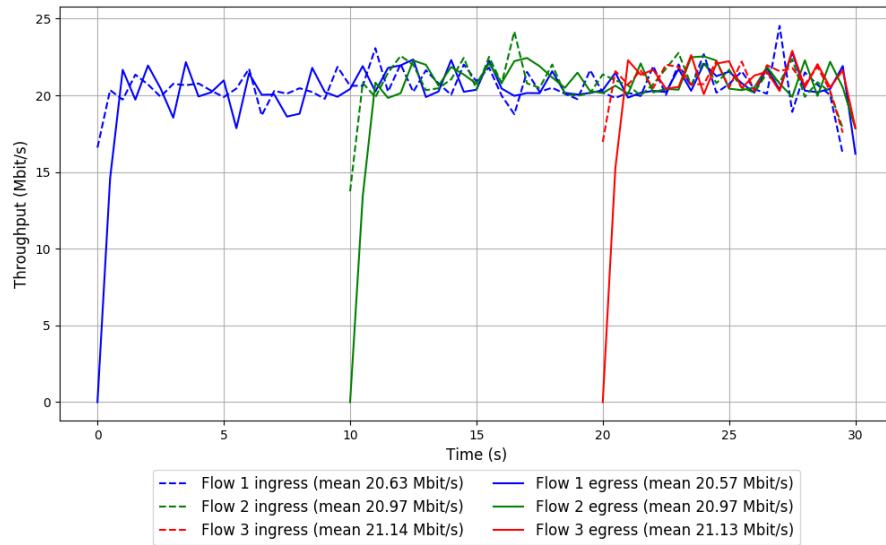


Run 4: Statistics of Sprout

```
Start at: 2018-08-09 10:08:27
End at: 2018-08-09 10:08:57
Local clock offset: 3.175 ms
Remote clock offset: 1.589 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.50 Mbit/s
95th percentile per-packet one-way delay: 21.395 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 20.57 Mbit/s
95th percentile per-packet one-way delay: 21.516 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 20.97 Mbit/s
95th percentile per-packet one-way delay: 21.426 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 21.13 Mbit/s
95th percentile per-packet one-way delay: 20.682 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

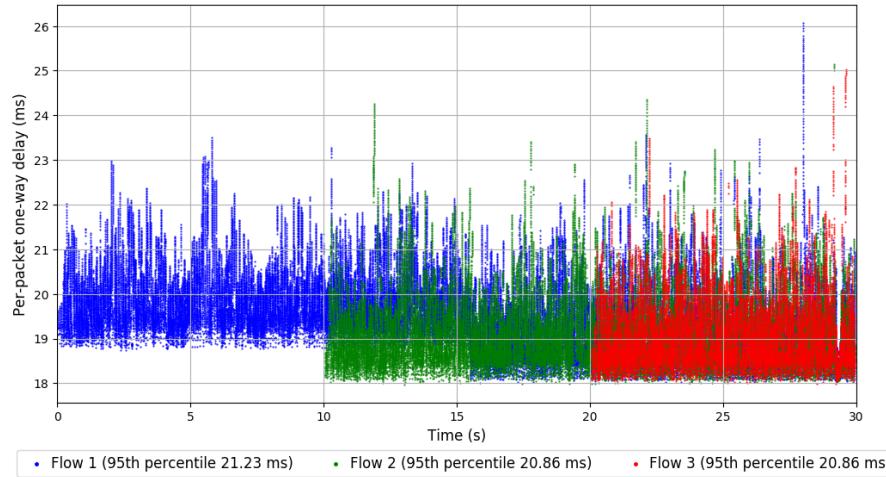
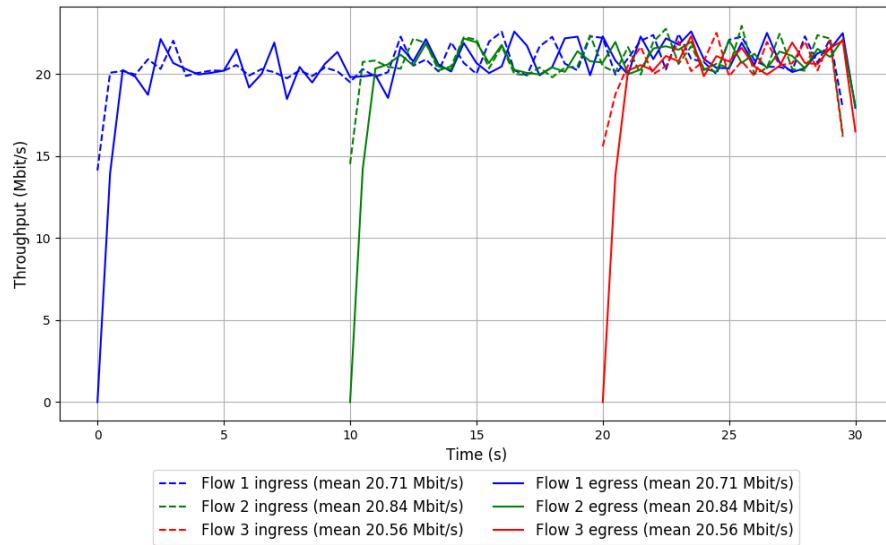


Run 5: Statistics of Sprout

```
Start at: 2018-08-09 10:35:55
End at: 2018-08-09 10:36:25
Local clock offset: -0.688 ms
Remote clock offset: 0.136 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.36 Mbit/s
95th percentile per-packet one-way delay: 21.081 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 20.71 Mbit/s
95th percentile per-packet one-way delay: 21.227 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 20.84 Mbit/s
95th percentile per-packet one-way delay: 20.864 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 20.56 Mbit/s
95th percentile per-packet one-way delay: 20.857 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

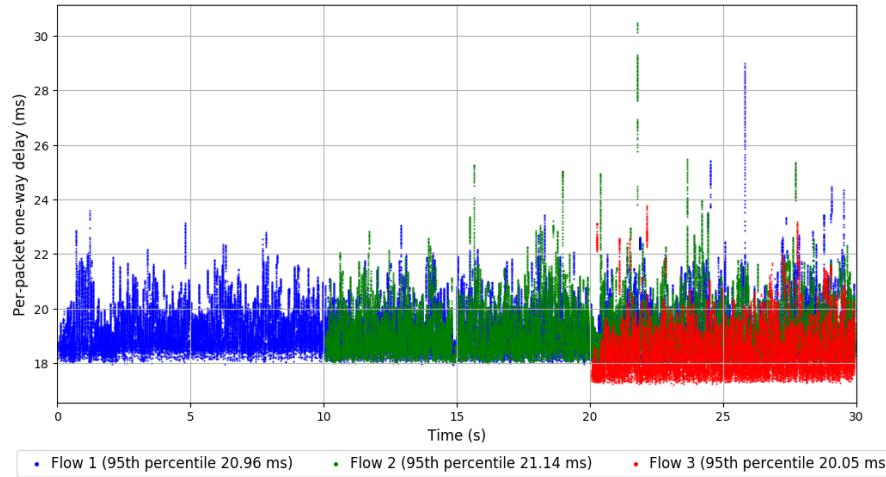
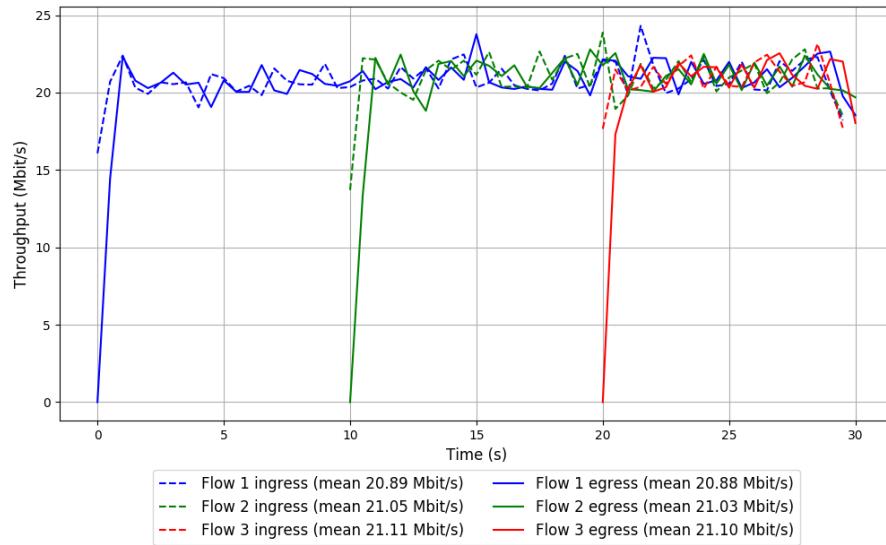


Run 6: Statistics of Sprout

```
Start at: 2018-08-09 11:03:40
End at: 2018-08-09 11:04:10
Local clock offset: -0.605 ms
Remote clock offset: -0.812 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.84 Mbit/s
95th percentile per-packet one-way delay: 20.946 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 20.88 Mbit/s
95th percentile per-packet one-way delay: 20.957 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 21.03 Mbit/s
95th percentile per-packet one-way delay: 21.145 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 21.10 Mbit/s
95th percentile per-packet one-way delay: 20.047 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

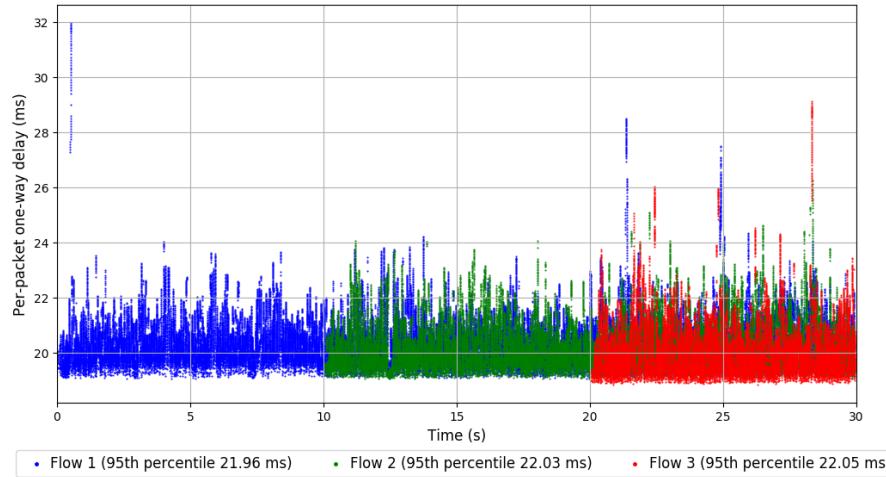
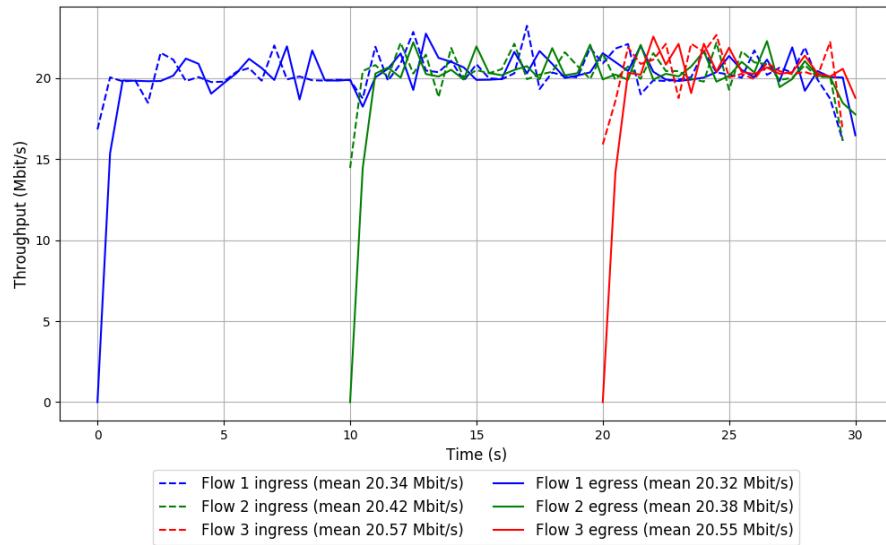


Run 7: Statistics of Sprout

```
Start at: 2018-08-09 11:31:12
End at: 2018-08-09 11:31:42
Local clock offset: 2.611 ms
Remote clock offset: 0.379 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 40.67 Mbit/s
95th percentile per-packet one-way delay: 21.999 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 20.32 Mbit/s
95th percentile per-packet one-way delay: 21.965 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 20.38 Mbit/s
95th percentile per-packet one-way delay: 22.034 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 20.55 Mbit/s
95th percentile per-packet one-way delay: 22.045 ms
Loss rate: 0.08%
```

Run 7: Report of Sprout — Data Link

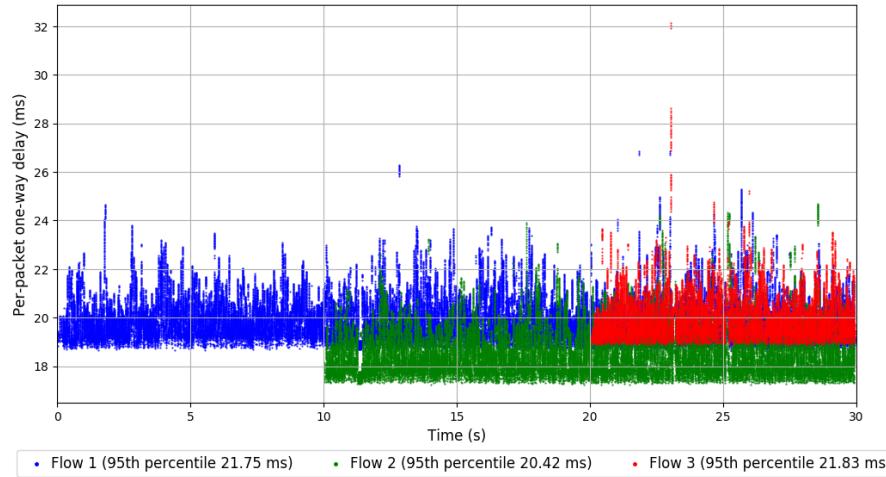
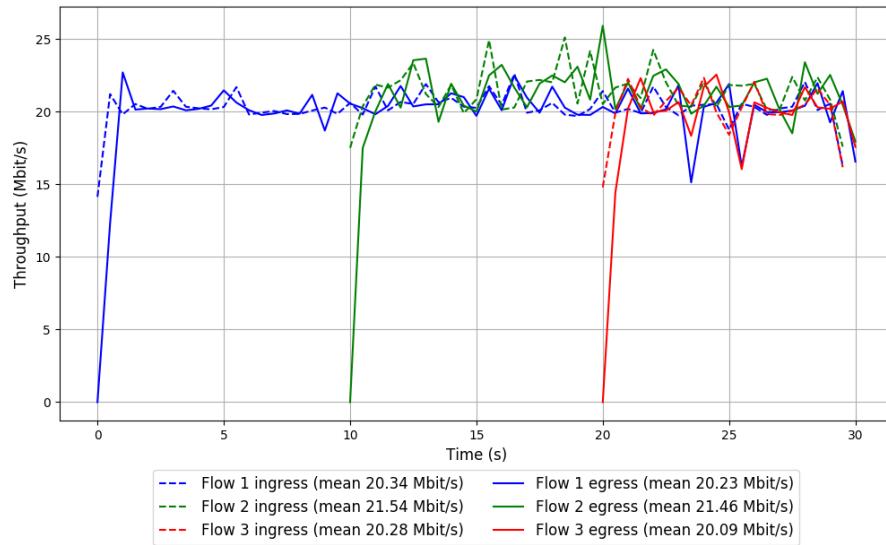


Run 8: Statistics of Sprout

```
Start at: 2018-08-09 11:58:43
End at: 2018-08-09 11:59:13
Local clock offset: 0.563 ms
Remote clock offset: -0.185 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.14 Mbit/s
95th percentile per-packet one-way delay: 21.513 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 20.23 Mbit/s
95th percentile per-packet one-way delay: 21.747 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 21.46 Mbit/s
95th percentile per-packet one-way delay: 20.423 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 20.09 Mbit/s
95th percentile per-packet one-way delay: 21.830 ms
Loss rate: 0.97%
```

Run 8: Report of Sprout — Data Link

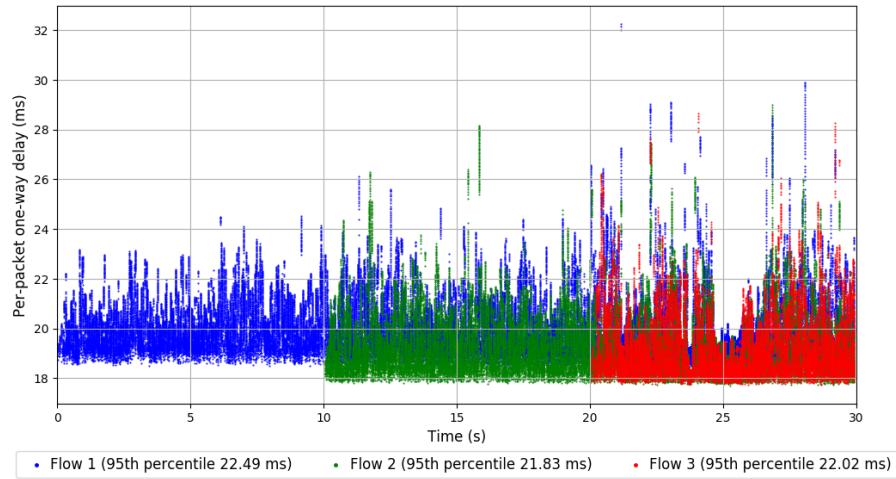
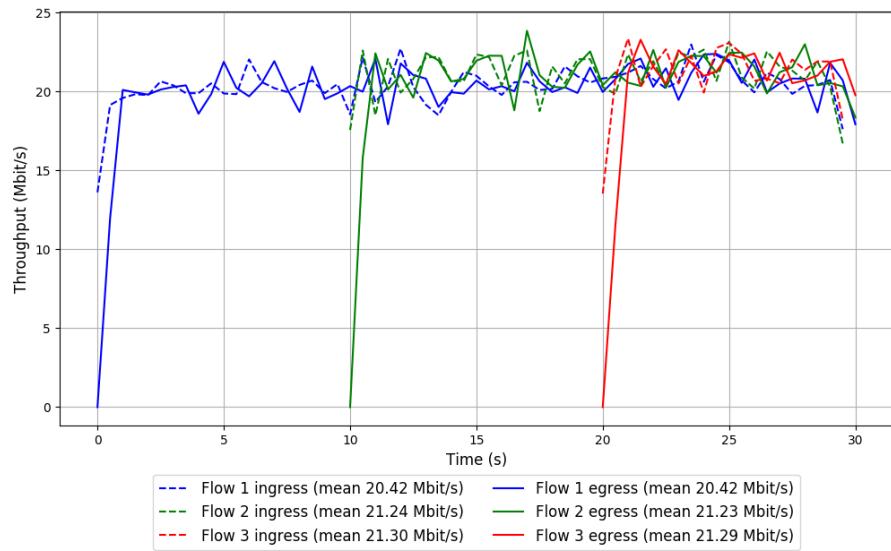


Run 9: Statistics of Sprout

```
Start at: 2018-08-09 12:26:01
End at: 2018-08-09 12:26:31
Local clock offset: -2.417 ms
Remote clock offset: 1.907 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.58 Mbit/s
95th percentile per-packet one-way delay: 22.253 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 20.42 Mbit/s
95th percentile per-packet one-way delay: 22.488 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 21.23 Mbit/s
95th percentile per-packet one-way delay: 21.830 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 21.29 Mbit/s
95th percentile per-packet one-way delay: 22.023 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

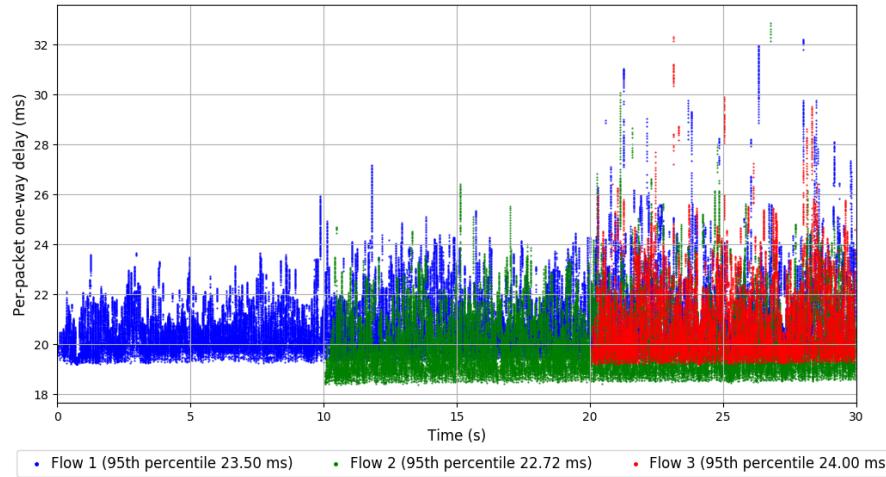
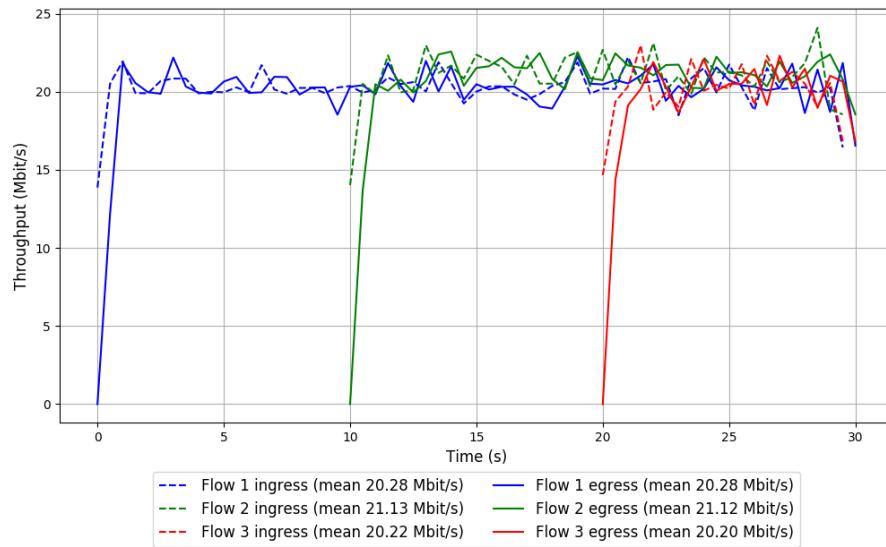


Run 10: Statistics of Sprout

```
Start at: 2018-08-09 12:53:24
End at: 2018-08-09 12:53:54
Local clock offset: 0.337 ms
Remote clock offset: 3.426 ms

# Below is generated by plot.py at 2018-08-09 15:20:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.00 Mbit/s
95th percentile per-packet one-way delay: 23.368 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 20.28 Mbit/s
95th percentile per-packet one-way delay: 23.505 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 21.12 Mbit/s
95th percentile per-packet one-way delay: 22.720 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 20.20 Mbit/s
95th percentile per-packet one-way delay: 23.995 ms
Loss rate: 0.01%
```

Run 10: Report of Sprout — Data Link

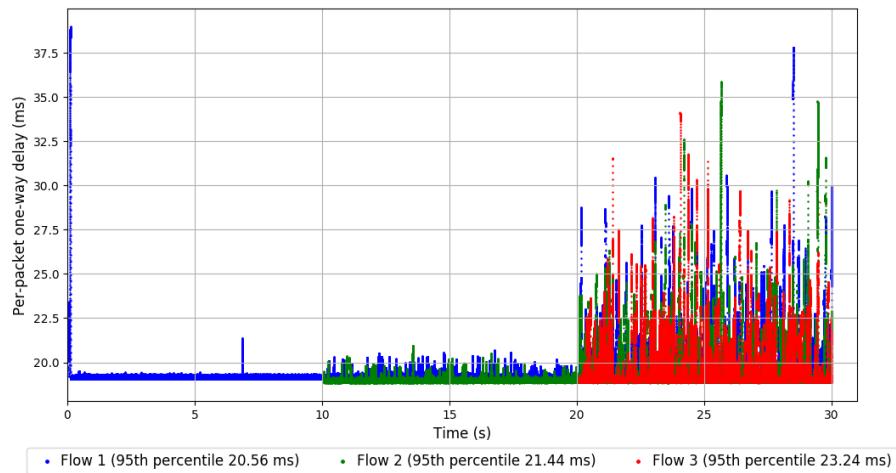
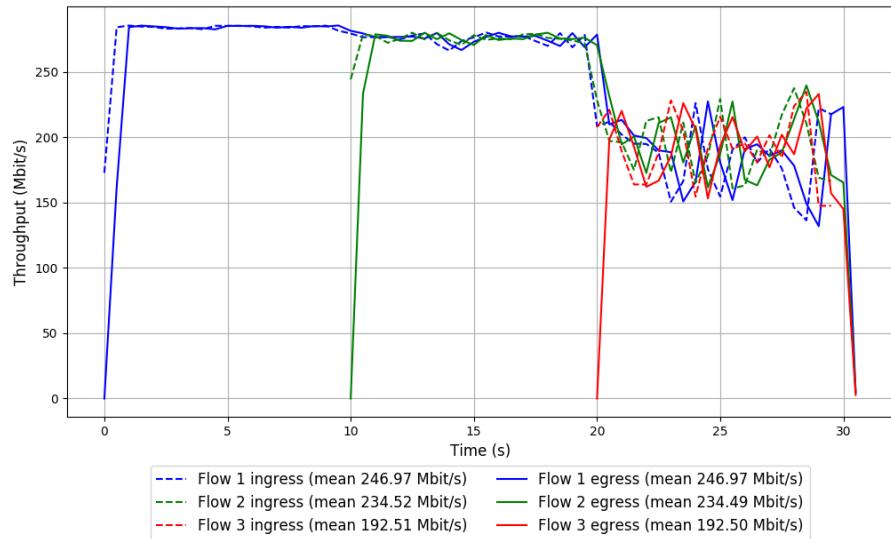


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-08-09 08:57:29
End at: 2018-08-09 08:57:59
Local clock offset: 2.035 ms
Remote clock offset: 0.773 ms

# Below is generated by plot.py at 2018-08-09 15:25:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 467.11 Mbit/s
95th percentile per-packet one-way delay: 21.490 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 246.97 Mbit/s
95th percentile per-packet one-way delay: 20.559 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 234.49 Mbit/s
95th percentile per-packet one-way delay: 21.436 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 192.50 Mbit/s
95th percentile per-packet one-way delay: 23.241 ms
Loss rate: 0.00%
```

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

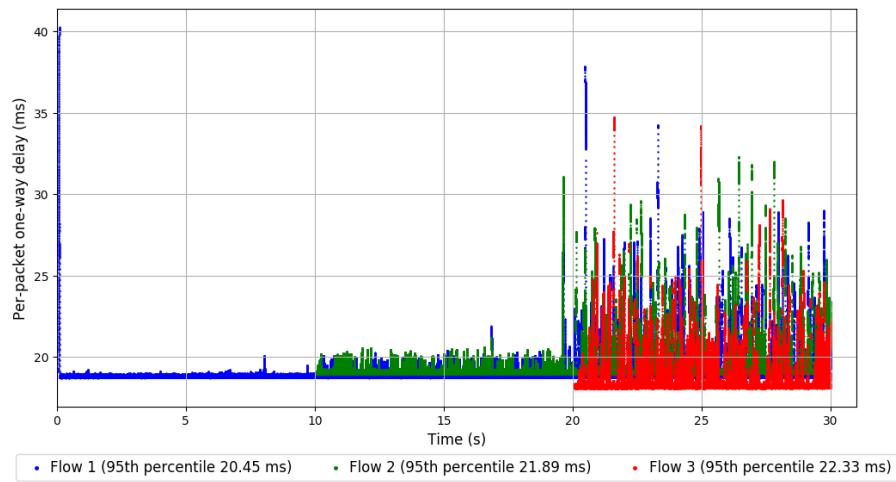
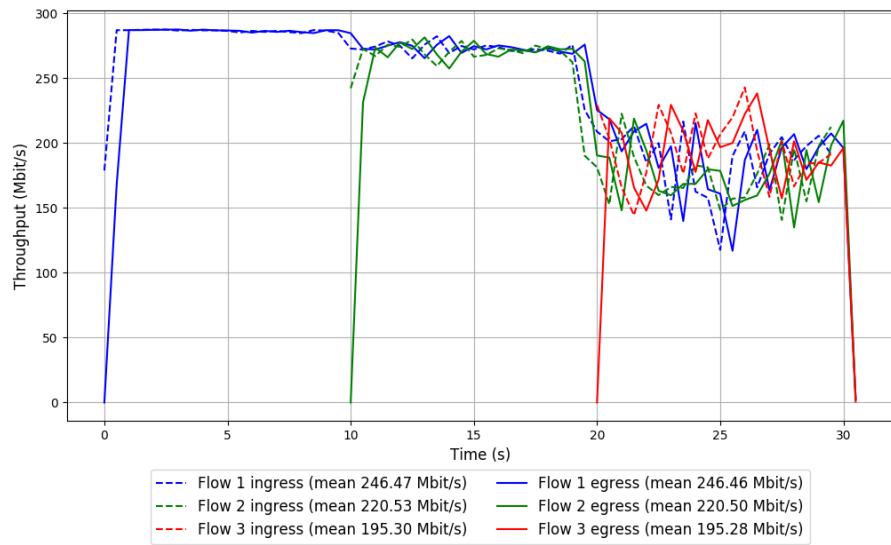


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-08-09 09:25:00
End at: 2018-08-09 09:25:30
Local clock offset: 7.229 ms
Remote clock offset: 4.108 ms

# Below is generated by plot.py at 2018-08-09 15:25:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 458.27 Mbit/s
95th percentile per-packet one-way delay: 21.270 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 246.46 Mbit/s
95th percentile per-packet one-way delay: 20.449 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 220.50 Mbit/s
95th percentile per-packet one-way delay: 21.893 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 195.28 Mbit/s
95th percentile per-packet one-way delay: 22.326 ms
Loss rate: 0.02%
```

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

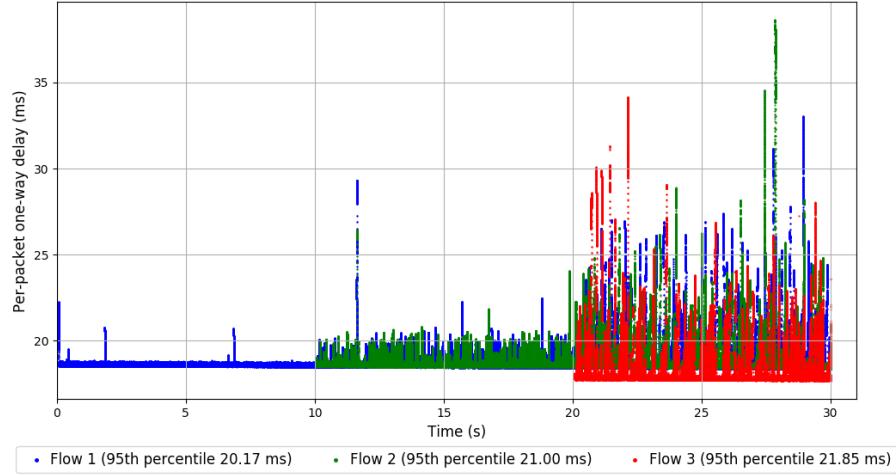
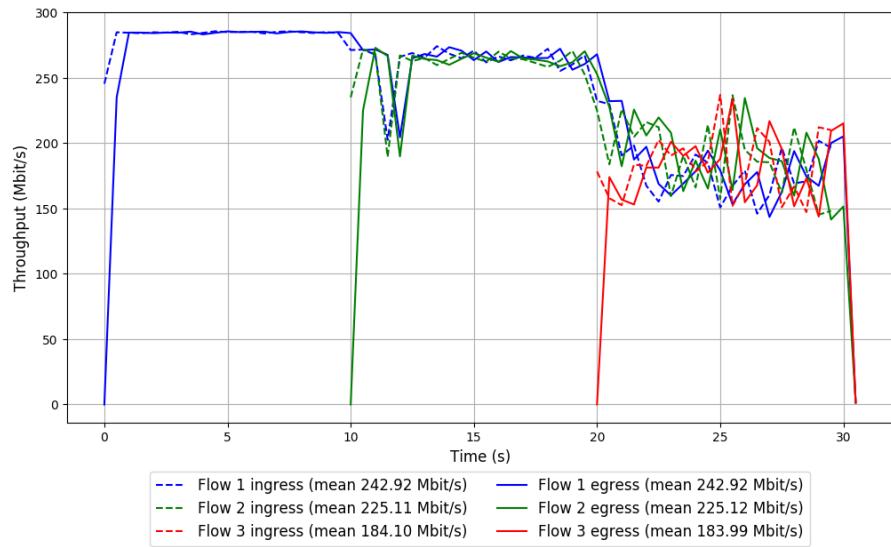


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-08-09 09:52:27
End at: 2018-08-09 09:52:57
Local clock offset: 5.967 ms
Remote clock offset: 3.279 ms

# Below is generated by plot.py at 2018-08-09 15:25:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 453.97 Mbit/s
95th percentile per-packet one-way delay: 20.739 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 242.92 Mbit/s
95th percentile per-packet one-way delay: 20.171 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 225.12 Mbit/s
95th percentile per-packet one-way delay: 20.999 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 183.99 Mbit/s
95th percentile per-packet one-way delay: 21.847 ms
Loss rate: 0.04%
```

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

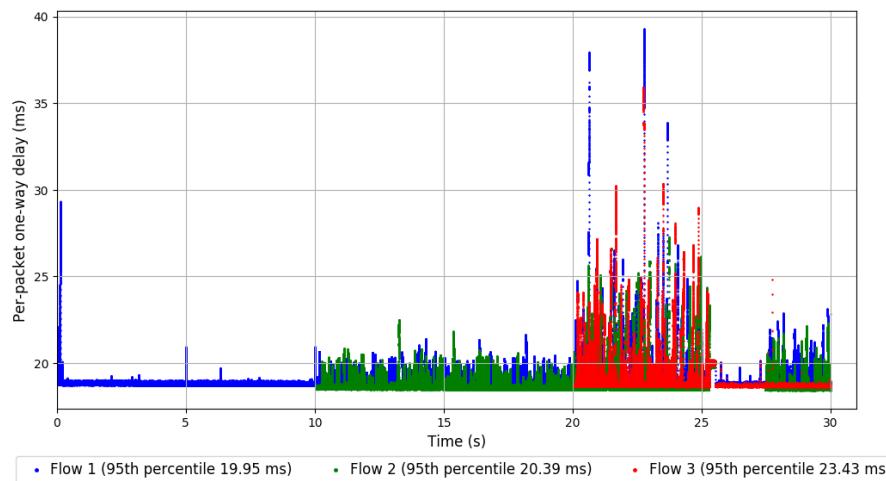
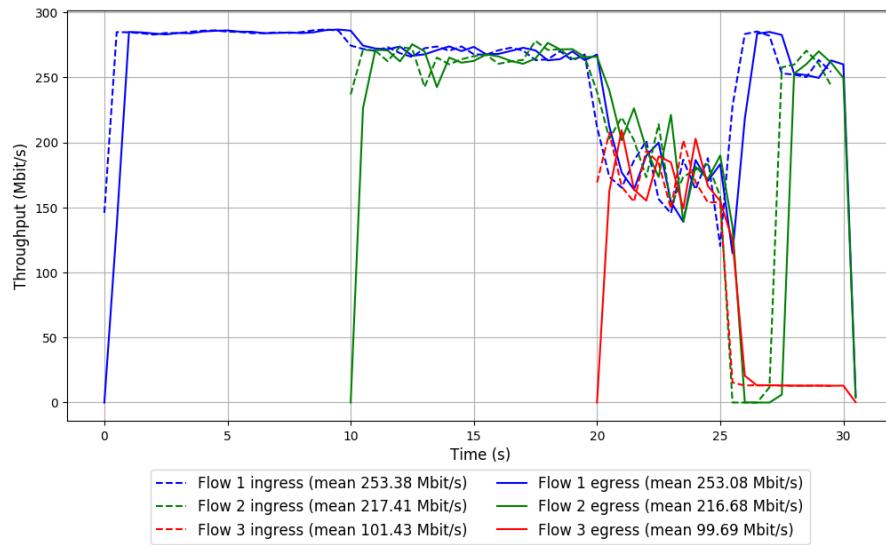


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-08-09 10:20:01
End at: 2018-08-09 10:20:31
Local clock offset: 1.675 ms
Remote clock offset: 0.744 ms

# Below is generated by plot.py at 2018-08-09 15:25:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 430.52 Mbit/s
95th percentile per-packet one-way delay: 20.275 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 253.08 Mbit/s
95th percentile per-packet one-way delay: 19.955 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 216.68 Mbit/s
95th percentile per-packet one-way delay: 20.391 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 99.69 Mbit/s
95th percentile per-packet one-way delay: 23.431 ms
Loss rate: 1.68%
```

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

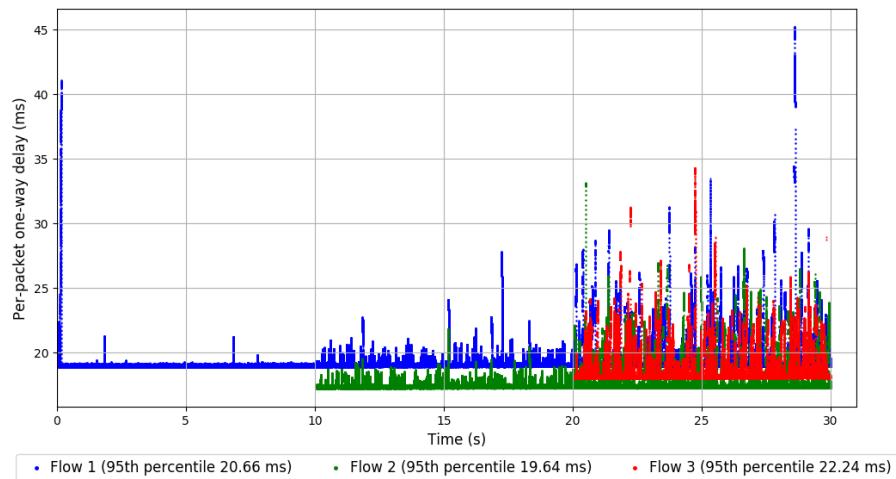
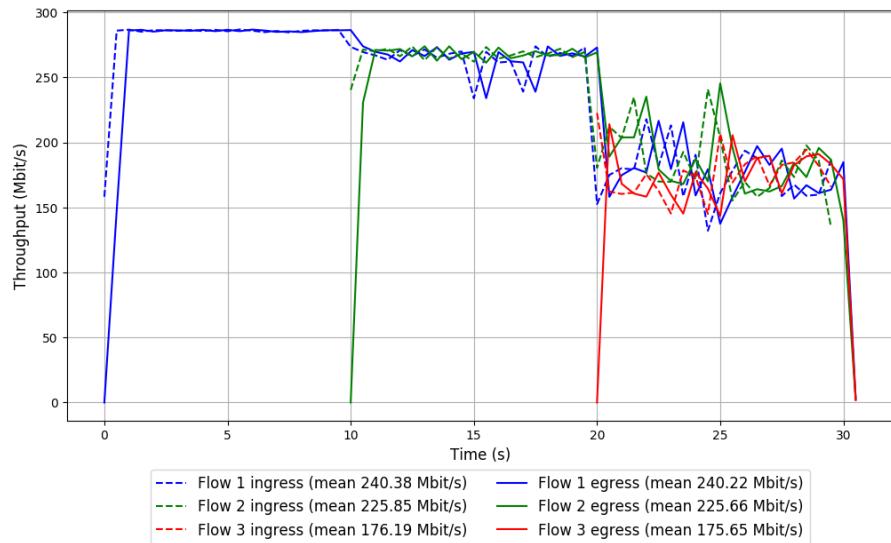


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-08-09 10:47:27
End at: 2018-08-09 10:47:57
Local clock offset: -1.103 ms
Remote clock offset: -0.397 ms

# Below is generated by plot.py at 2018-08-09 15:26:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 448.96 Mbit/s
95th percentile per-packet one-way delay: 20.781 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 240.22 Mbit/s
95th percentile per-packet one-way delay: 20.665 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 225.66 Mbit/s
95th percentile per-packet one-way delay: 19.642 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 175.65 Mbit/s
95th percentile per-packet one-way delay: 22.236 ms
Loss rate: 0.31%
```

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

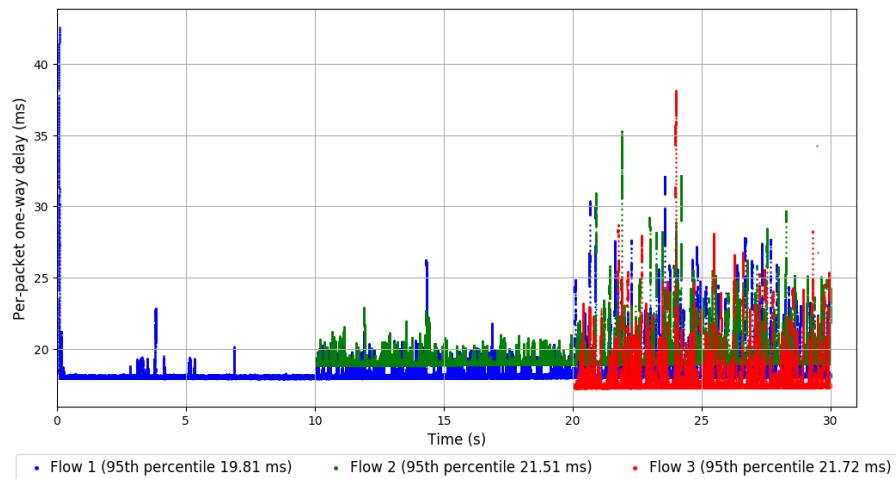
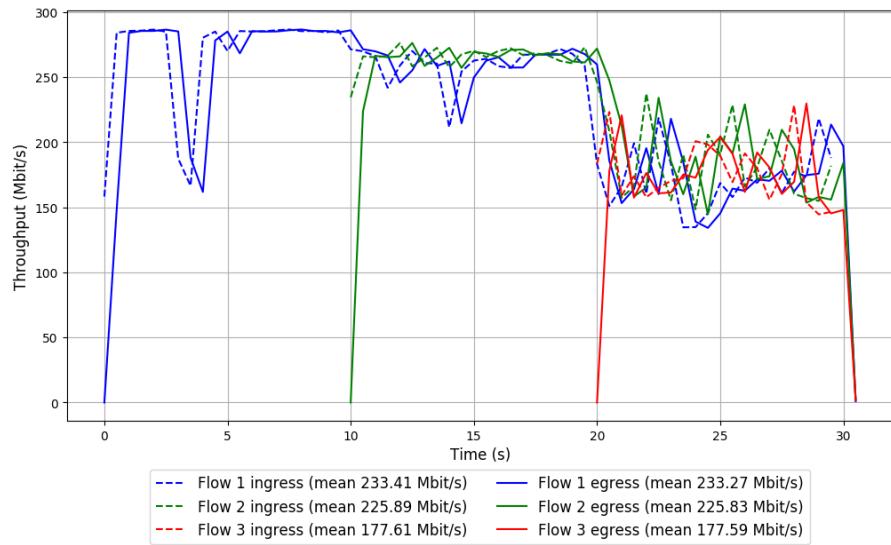


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-08-09 11:15:10
End at: 2018-08-09 11:15:40
Local clock offset: -0.819 ms
Remote clock offset: -0.13 ms

# Below is generated by plot.py at 2018-08-09 15:27:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 442.71 Mbit/s
95th percentile per-packet one-way delay: 20.897 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 233.27 Mbit/s
95th percentile per-packet one-way delay: 19.806 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 225.83 Mbit/s
95th percentile per-packet one-way delay: 21.510 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 177.59 Mbit/s
95th percentile per-packet one-way delay: 21.724 ms
Loss rate: 0.01%
```

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

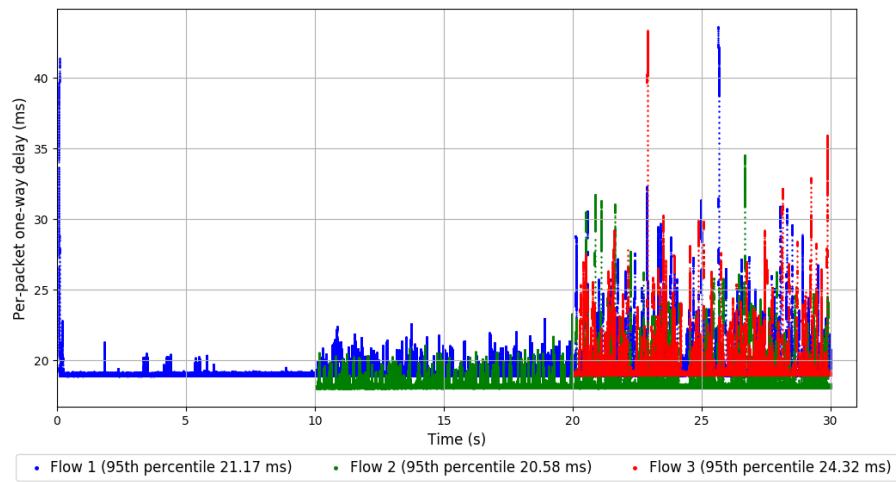
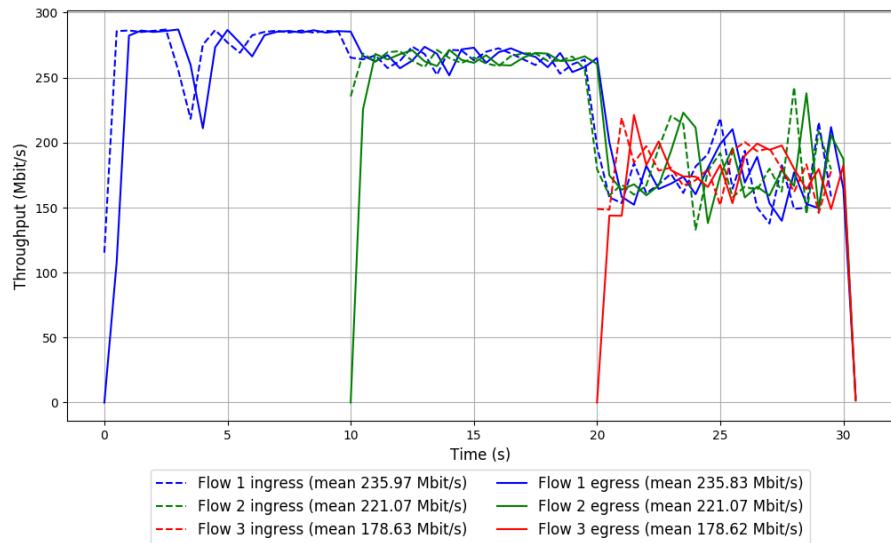


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-08-09 11:42:33
End at: 2018-08-09 11:43:03
Local clock offset: 3.435 ms
Remote clock offset: 0.396 ms

# Below is generated by plot.py at 2018-08-09 15:28:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 442.43 Mbit/s
95th percentile per-packet one-way delay: 21.627 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 235.83 Mbit/s
95th percentile per-packet one-way delay: 21.167 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 221.07 Mbit/s
95th percentile per-packet one-way delay: 20.578 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 178.62 Mbit/s
95th percentile per-packet one-way delay: 24.321 ms
Loss rate: 0.00%
```

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

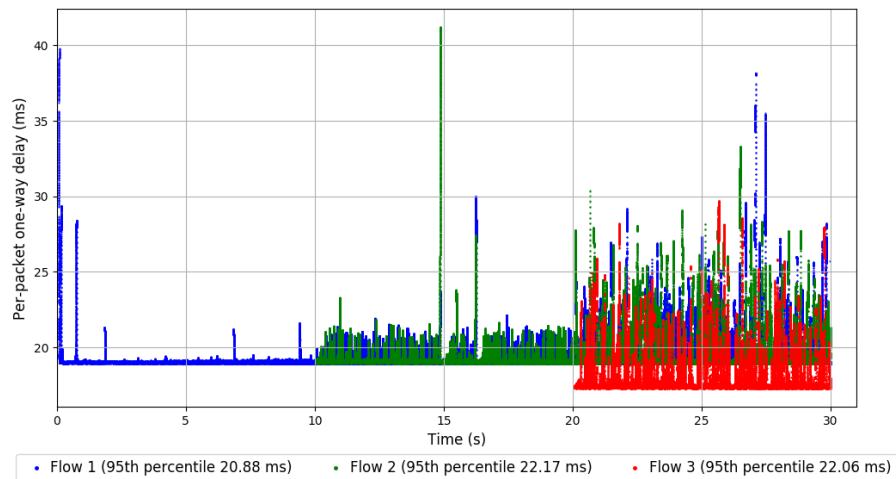
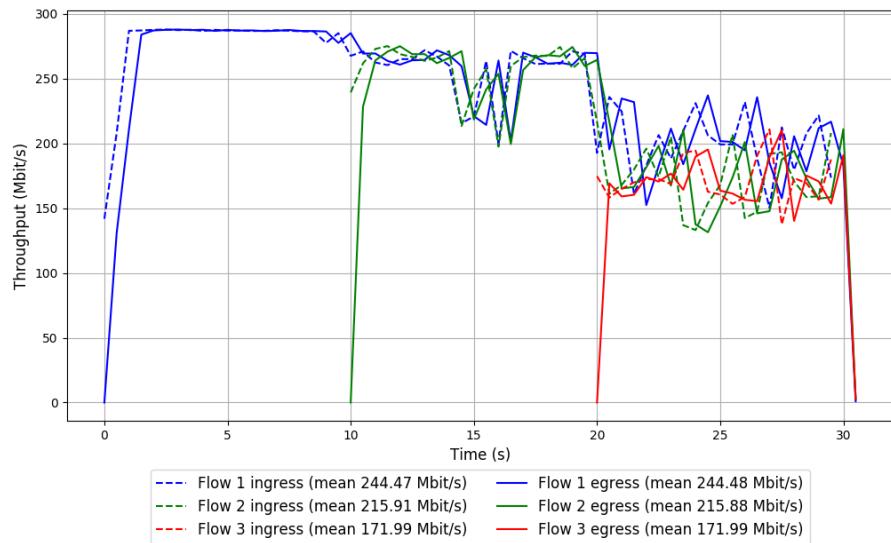


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-08-09 12:10:10
End at: 2018-08-09 12:10:40
Local clock offset: -0.179 ms
Remote clock offset: -0.33 ms

# Below is generated by plot.py at 2018-08-09 15:30:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 445.46 Mbit/s
95th percentile per-packet one-way delay: 21.454 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 244.48 Mbit/s
95th percentile per-packet one-way delay: 20.878 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 215.88 Mbit/s
95th percentile per-packet one-way delay: 22.167 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 171.99 Mbit/s
95th percentile per-packet one-way delay: 22.056 ms
Loss rate: 0.00%
```

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

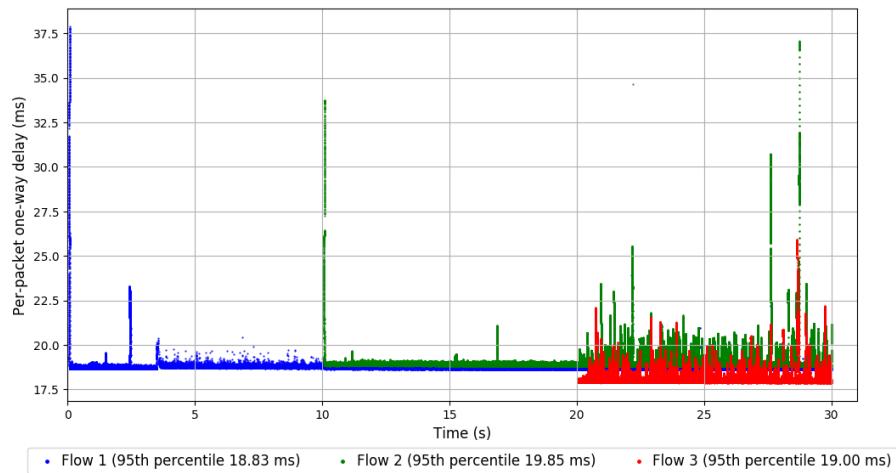
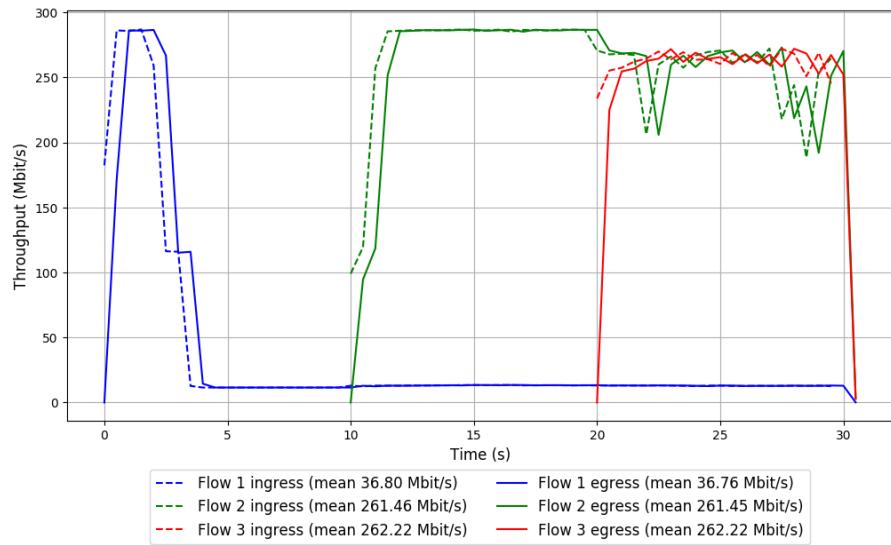


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-08-09 12:37:26
End at: 2018-08-09 12:37:56
Local clock offset: -3.613 ms
Remote clock offset: 2.995 ms

# Below is generated by plot.py at 2018-08-09 15:31:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 298.07 Mbit/s
95th percentile per-packet one-way delay: 19.567 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 36.76 Mbit/s
95th percentile per-packet one-way delay: 18.828 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 261.45 Mbit/s
95th percentile per-packet one-way delay: 19.846 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 262.22 Mbit/s
95th percentile per-packet one-way delay: 19.004 ms
Loss rate: 0.00%
```

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

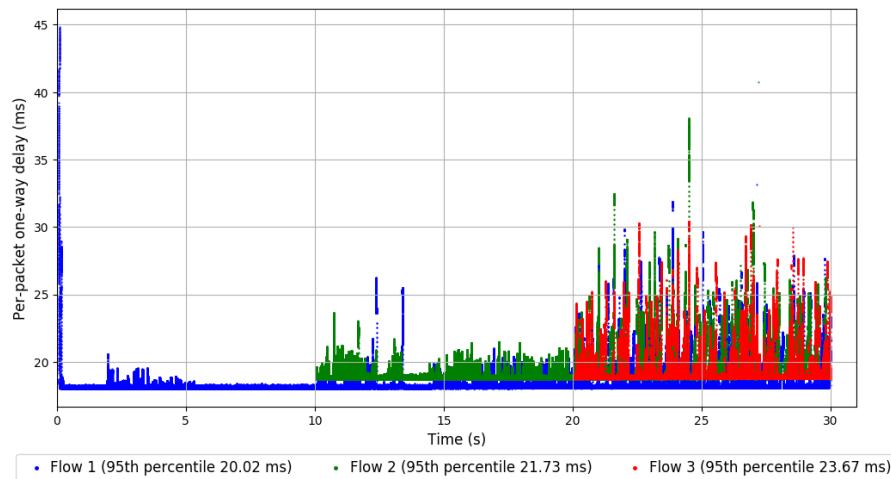
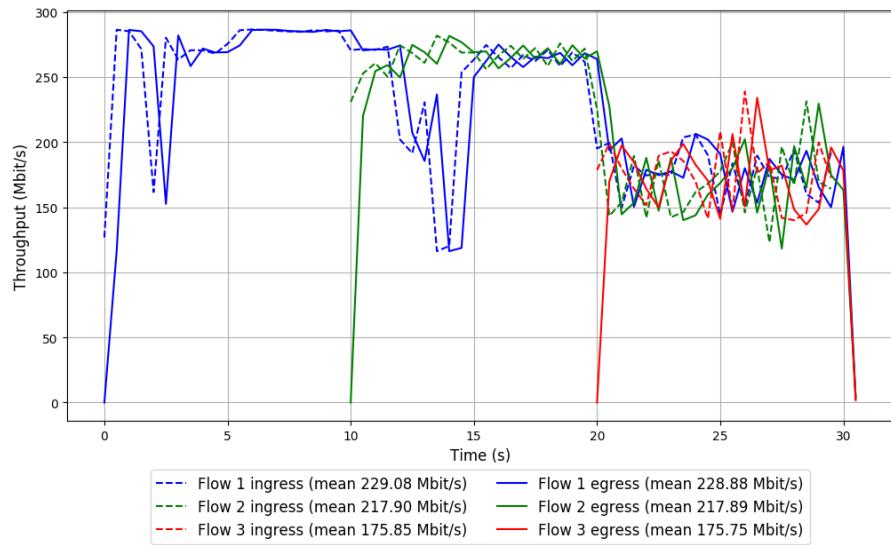


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-08-09 13:04:51
End at: 2018-08-09 13:05:21
Local clock offset: 3.125 ms
Remote clock offset: 3.026 ms

# Below is generated by plot.py at 2018-08-09 15:34:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 432.45 Mbit/s
95th percentile per-packet one-way delay: 21.523 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 228.88 Mbit/s
95th percentile per-packet one-way delay: 20.023 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 217.89 Mbit/s
95th percentile per-packet one-way delay: 21.727 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 175.75 Mbit/s
95th percentile per-packet one-way delay: 23.669 ms
Loss rate: 0.05%
```

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

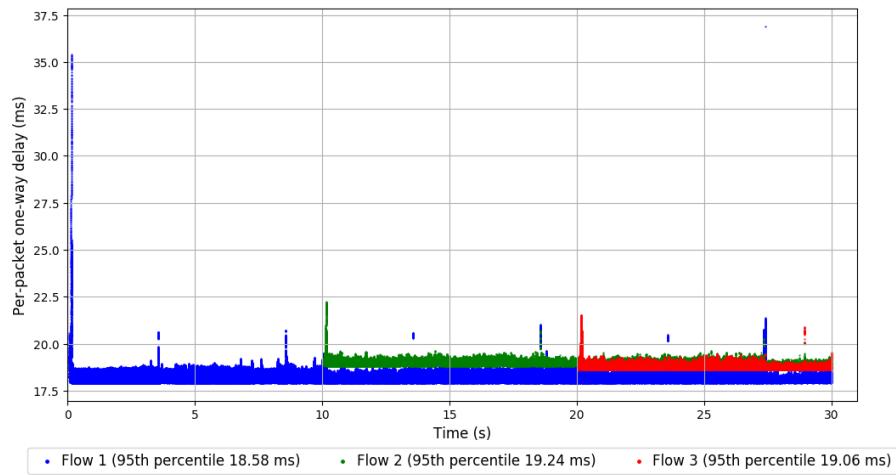
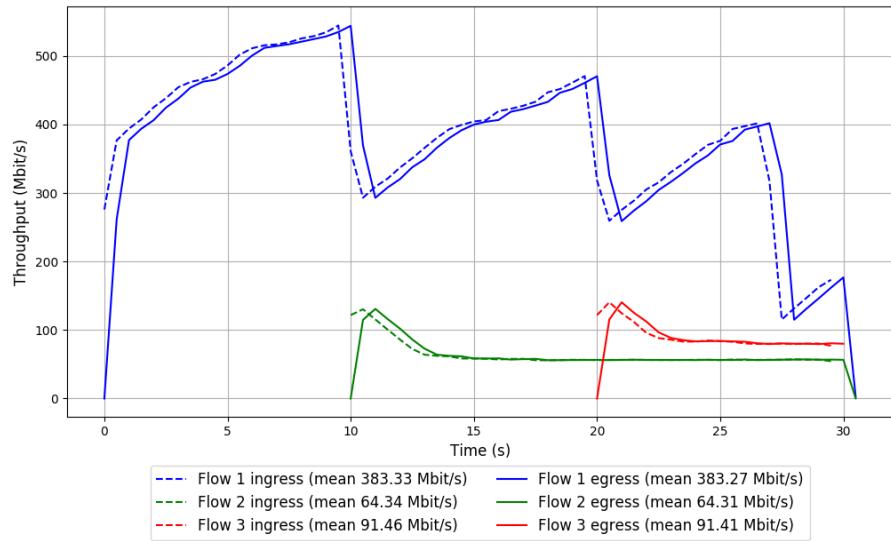


Run 1: Statistics of TCP Vegas

```
Start at: 2018-08-09 08:41:15
End at: 2018-08-09 08:41:45
Local clock offset: -4.868 ms
Remote clock offset: -1.003 ms

# Below is generated by plot.py at 2018-08-09 15:34:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 456.49 Mbit/s
95th percentile per-packet one-way delay: 18.986 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 383.27 Mbit/s
95th percentile per-packet one-way delay: 18.583 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 64.31 Mbit/s
95th percentile per-packet one-way delay: 19.238 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 91.41 Mbit/s
95th percentile per-packet one-way delay: 19.062 ms
Loss rate: 0.05%
```

Run 1: Report of TCP Vegas — Data Link

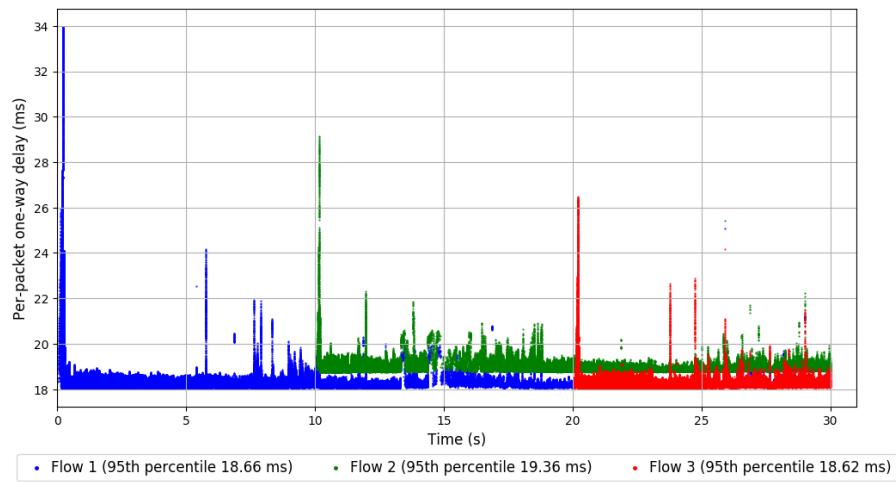
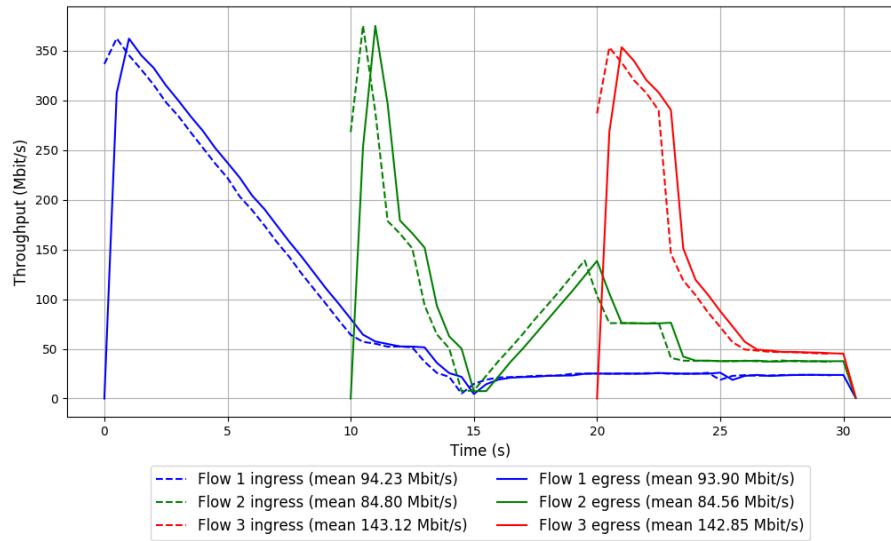


Run 2: Statistics of TCP Vegas

```
Start at: 2018-08-09 09:08:57
End at: 2018-08-09 09:09:27
Local clock offset: 4.978 ms
Remote clock offset: 2.937 ms

# Below is generated by plot.py at 2018-08-09 15:34:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 197.72 Mbit/s
95th percentile per-packet one-way delay: 19.214 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 93.90 Mbit/s
95th percentile per-packet one-way delay: 18.660 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 84.56 Mbit/s
95th percentile per-packet one-way delay: 19.363 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 142.85 Mbit/s
95th percentile per-packet one-way delay: 18.616 ms
Loss rate: 0.19%
```

Run 2: Report of TCP Vegas — Data Link

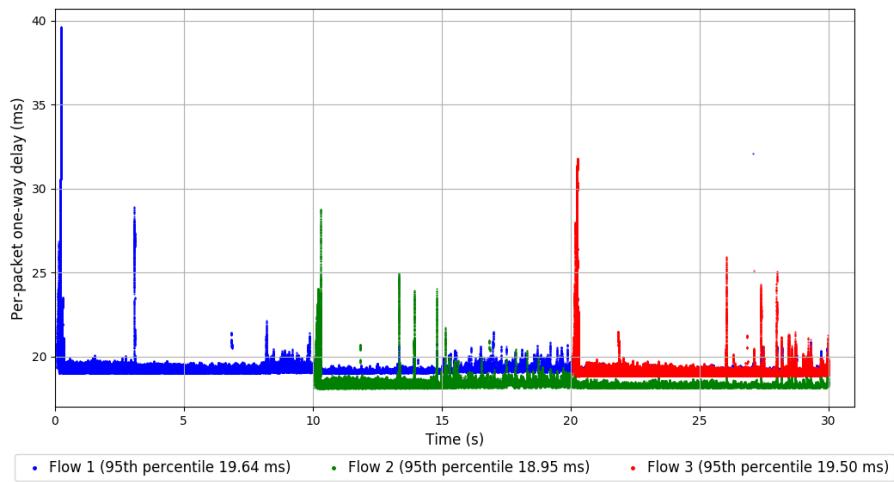
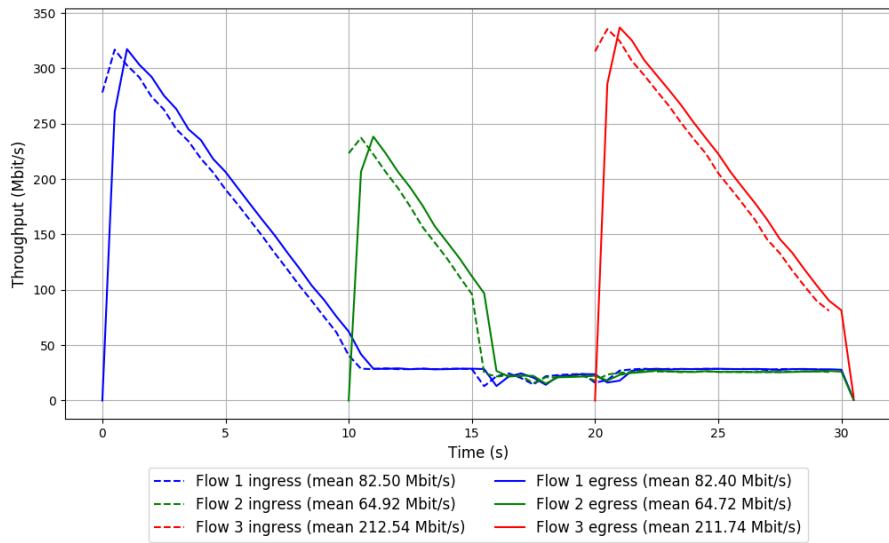


Run 3: Statistics of TCP Vegas

```
Start at: 2018-08-09 09:36:18
End at: 2018-08-09 09:36:48
Local clock offset: 8.574 ms
Remote clock offset: 3.405 ms

# Below is generated by plot.py at 2018-08-09 15:34:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 195.88 Mbit/s
95th percentile per-packet one-way delay: 19.587 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 82.40 Mbit/s
95th percentile per-packet one-way delay: 19.645 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 64.72 Mbit/s
95th percentile per-packet one-way delay: 18.955 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 211.74 Mbit/s
95th percentile per-packet one-way delay: 19.505 ms
Loss rate: 0.37%
```

Run 3: Report of TCP Vegas — Data Link

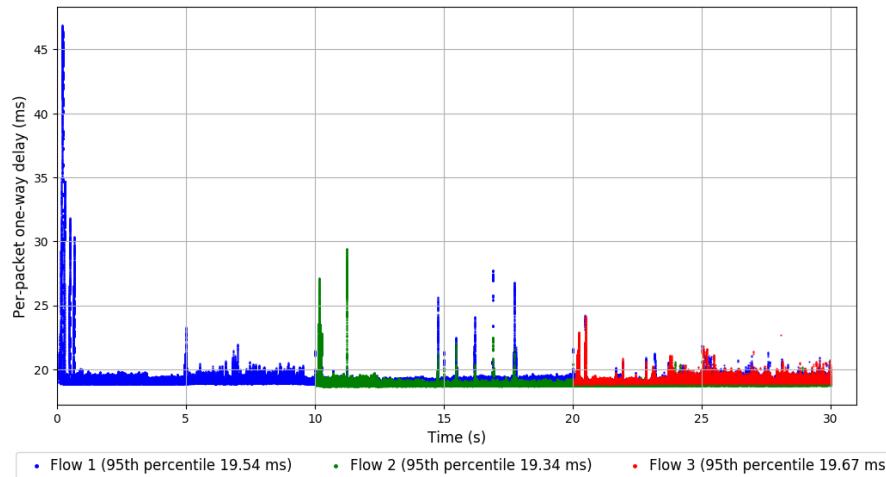
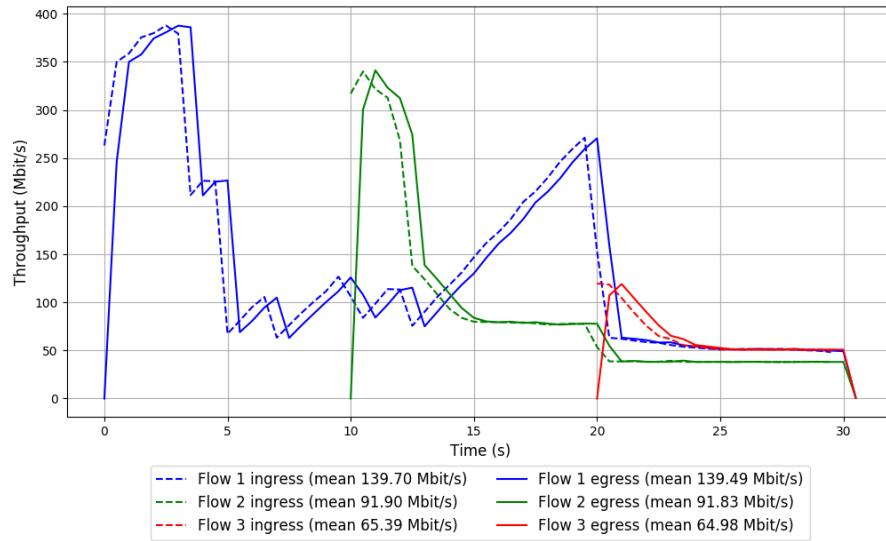


Run 4: Statistics of TCP Vegas

```
Start at: 2018-08-09 10:03:53
End at: 2018-08-09 10:04:23
Local clock offset: 3.67 ms
Remote clock offset: 2.441 ms

# Below is generated by plot.py at 2018-08-09 15:34:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 222.28 Mbit/s
95th percentile per-packet one-way delay: 19.529 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 139.49 Mbit/s
95th percentile per-packet one-way delay: 19.544 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 91.83 Mbit/s
95th percentile per-packet one-way delay: 19.342 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 64.98 Mbit/s
95th percentile per-packet one-way delay: 19.669 ms
Loss rate: 0.61%
```

Run 4: Report of TCP Vegas — Data Link

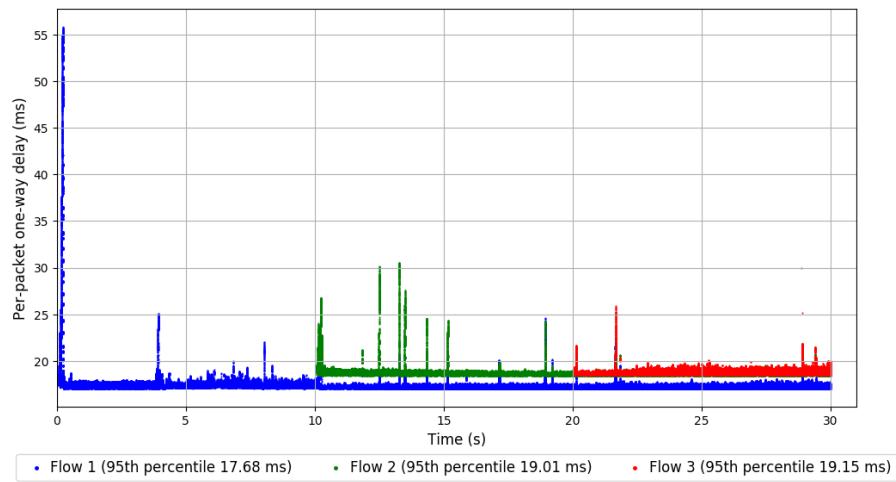
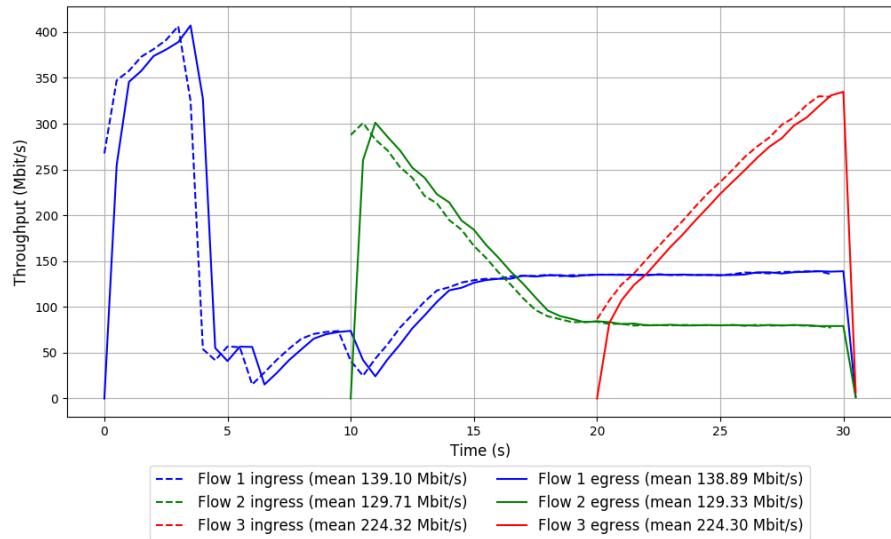


Run 5: Statistics of TCP Vegas

```
Start at: 2018-08-09 10:31:20
End at: 2018-08-09 10:31:50
Local clock offset: -0.186 ms
Remote clock offset: 0.168 ms

# Below is generated by plot.py at 2018-08-09 15:34:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 299.69 Mbit/s
95th percentile per-packet one-way delay: 19.021 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 138.89 Mbit/s
95th percentile per-packet one-way delay: 17.679 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 129.33 Mbit/s
95th percentile per-packet one-way delay: 19.008 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 224.30 Mbit/s
95th percentile per-packet one-way delay: 19.146 ms
Loss rate: 0.00%
```

Run 5: Report of TCP Vegas — Data Link

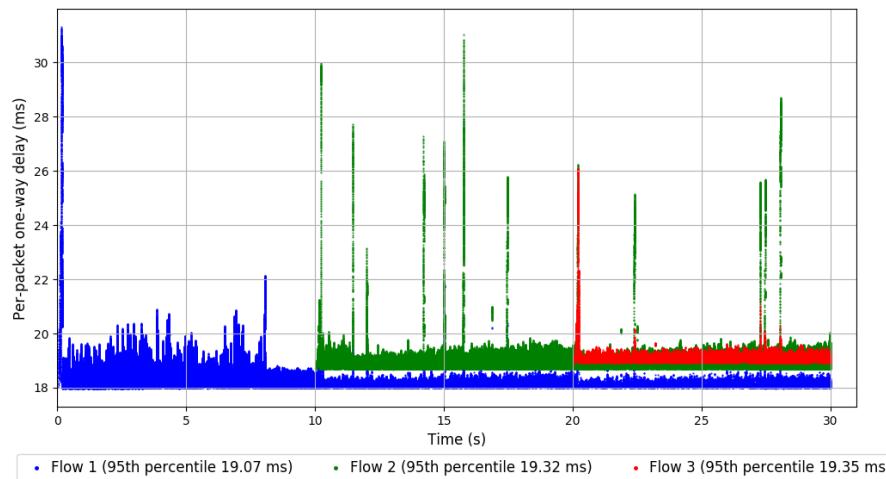
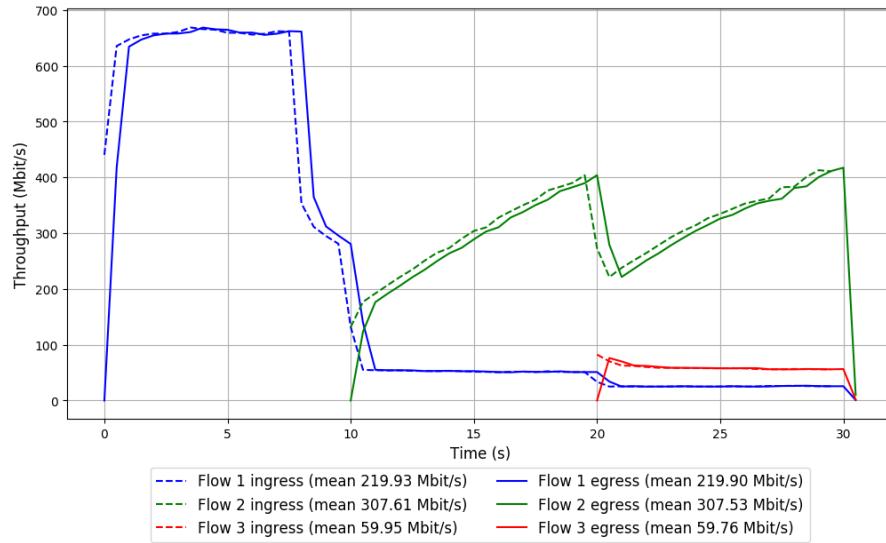


Run 6: Statistics of TCP Vegas

```
Start at: 2018-08-09 10:59:00
End at: 2018-08-09 10:59:30
Local clock offset: -0.581 ms
Remote clock offset: -0.685 ms

# Below is generated by plot.py at 2018-08-09 15:34:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 444.64 Mbit/s
95th percentile per-packet one-way delay: 19.283 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 219.90 Mbit/s
95th percentile per-packet one-way delay: 19.068 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 307.53 Mbit/s
95th percentile per-packet one-way delay: 19.315 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 59.76 Mbit/s
95th percentile per-packet one-way delay: 19.346 ms
Loss rate: 0.31%
```

Run 6: Report of TCP Vegas — Data Link

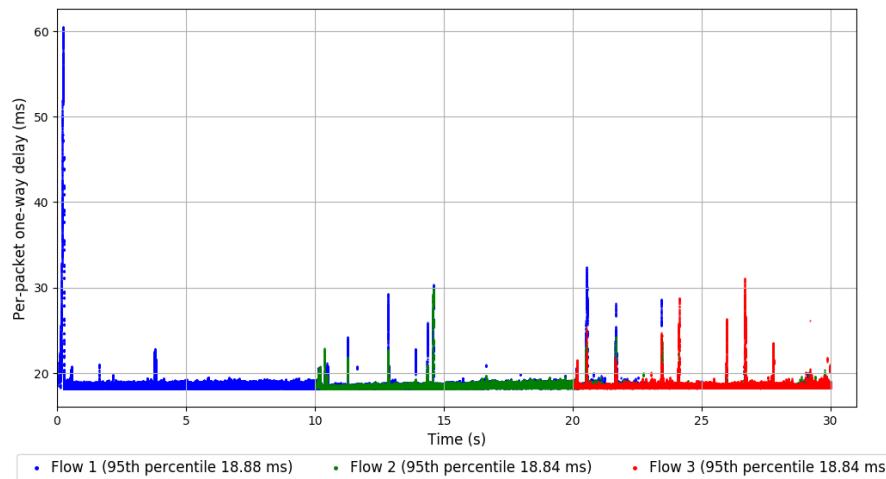
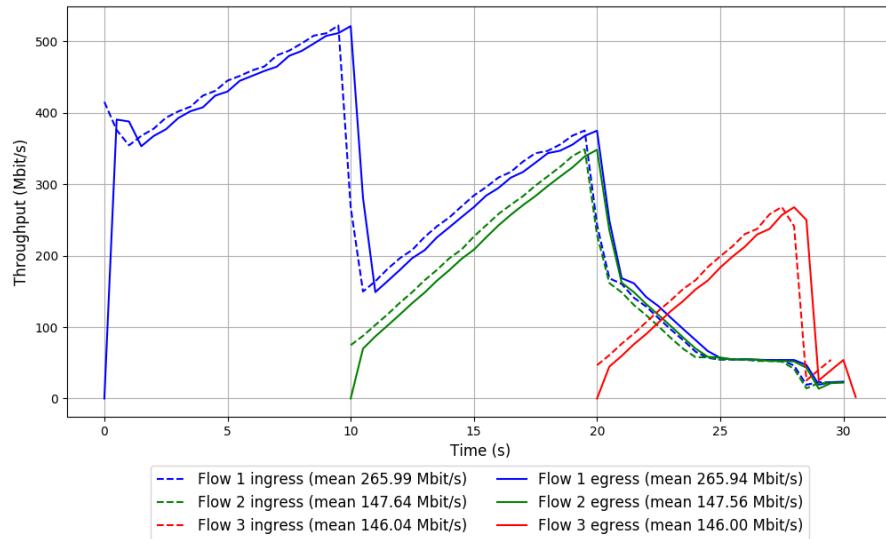


Run 7: Statistics of TCP Vegas

```
Start at: 2018-08-09 11:26:33
End at: 2018-08-09 11:27:03
Local clock offset: 2.032 ms
Remote clock offset: 0.353 ms

# Below is generated by plot.py at 2018-08-09 15:34:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 412.64 Mbit/s
95th percentile per-packet one-way delay: 18.870 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 265.94 Mbit/s
95th percentile per-packet one-way delay: 18.880 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 147.56 Mbit/s
95th percentile per-packet one-way delay: 18.843 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 146.00 Mbit/s
95th percentile per-packet one-way delay: 18.839 ms
Loss rate: 0.02%
```

Run 7: Report of TCP Vegas — Data Link

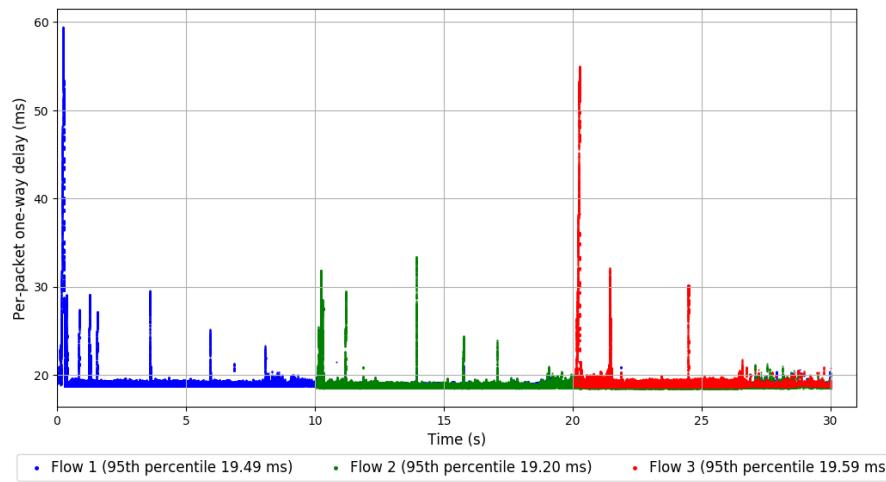
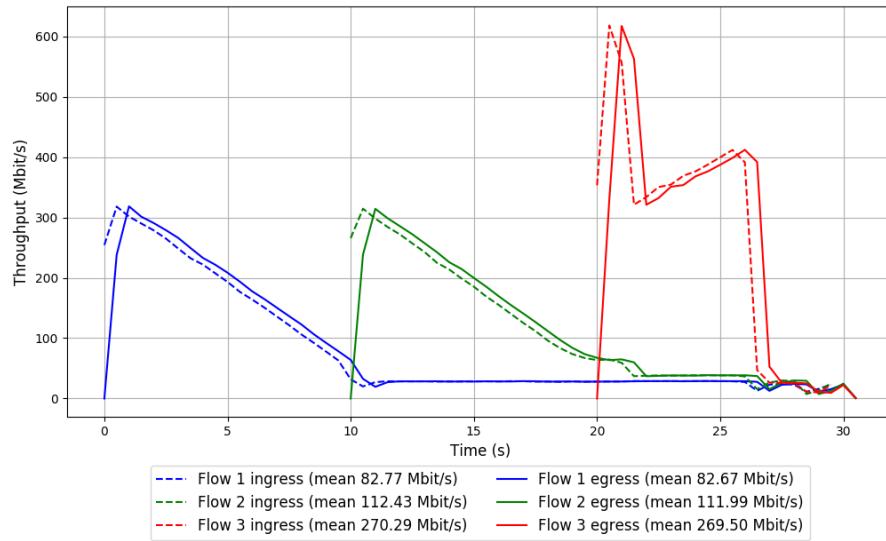


Run 8: Statistics of TCP Vegas

```
Start at: 2018-08-09 11:54:04
End at: 2018-08-09 11:54:34
Local clock offset: 1.326 ms
Remote clock offset: -0.088 ms

# Below is generated by plot.py at 2018-08-09 15:34:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 246.88 Mbit/s
95th percentile per-packet one-way delay: 19.474 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 82.67 Mbit/s
95th percentile per-packet one-way delay: 19.486 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 111.99 Mbit/s
95th percentile per-packet one-way delay: 19.203 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 269.50 Mbit/s
95th percentile per-packet one-way delay: 19.594 ms
Loss rate: 0.28%
```

Run 8: Report of TCP Vegas — Data Link

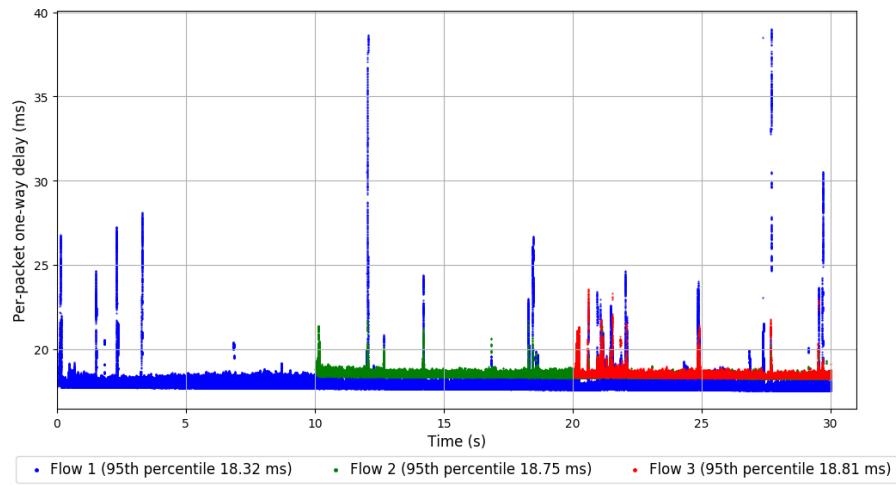
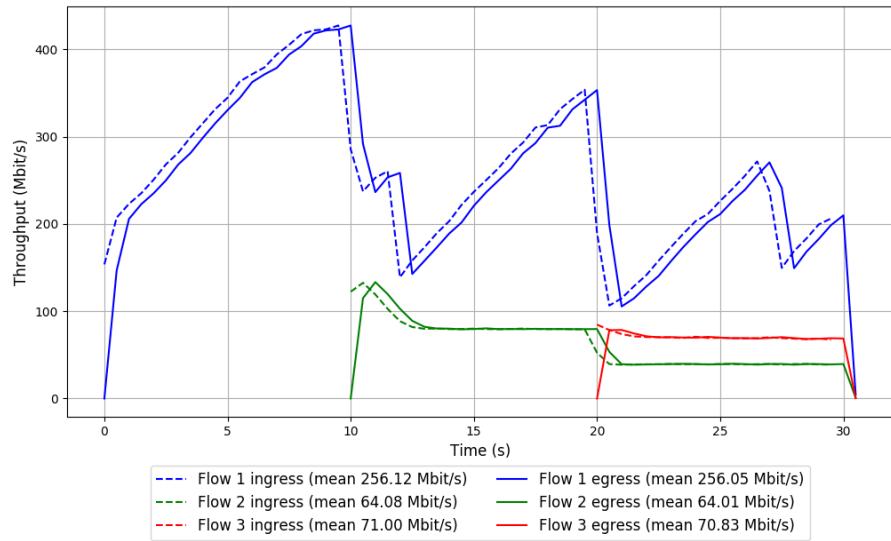


Run 9: Statistics of TCP Vegas

```
Start at: 2018-08-09 12:21:25
End at: 2018-08-09 12:21:55
Local clock offset: -1.722 ms
Remote clock offset: 0.886 ms

# Below is generated by plot.py at 2018-08-09 15:34:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 322.27 Mbit/s
95th percentile per-packet one-way delay: 18.607 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 256.05 Mbit/s
95th percentile per-packet one-way delay: 18.323 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 64.01 Mbit/s
95th percentile per-packet one-way delay: 18.747 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 70.83 Mbit/s
95th percentile per-packet one-way delay: 18.811 ms
Loss rate: 0.23%
```

Run 9: Report of TCP Vegas — Data Link

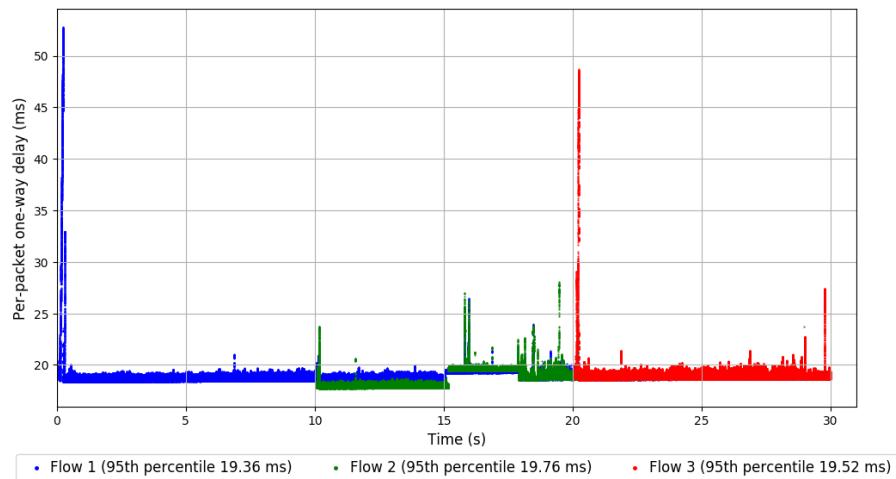
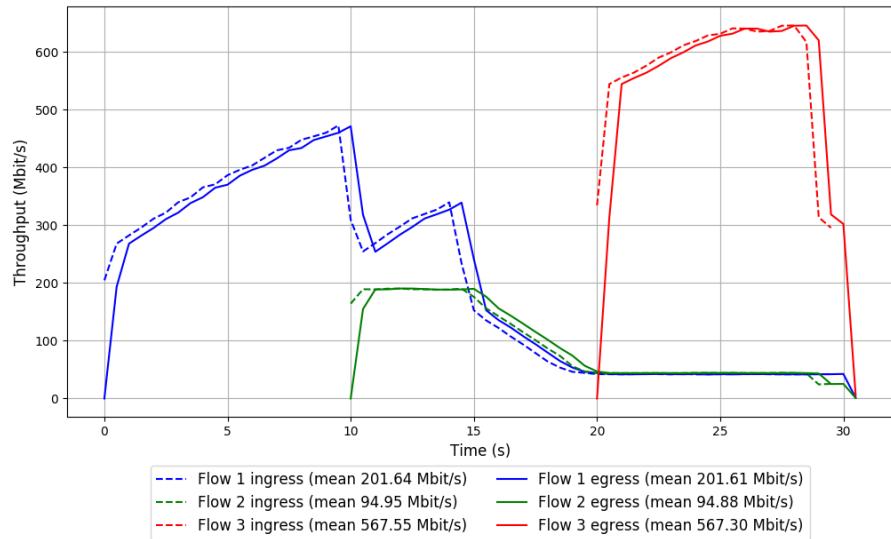


Run 10: Statistics of TCP Vegas

```
Start at: 2018-08-09 12:48:43
End at: 2018-08-09 12:49:13
Local clock offset: -2.023 ms
Remote clock offset: 3.493 ms

# Below is generated by plot.py at 2018-08-09 15:35:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 453.37 Mbit/s
95th percentile per-packet one-way delay: 19.552 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 201.61 Mbit/s
95th percentile per-packet one-way delay: 19.362 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 94.88 Mbit/s
95th percentile per-packet one-way delay: 19.762 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 567.30 Mbit/s
95th percentile per-packet one-way delay: 19.515 ms
Loss rate: 0.04%
```

Run 10: Report of TCP Vegas — Data Link

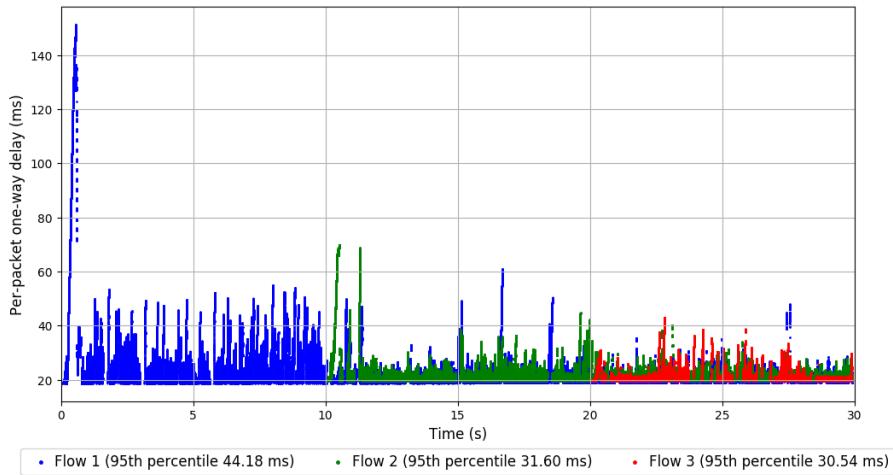
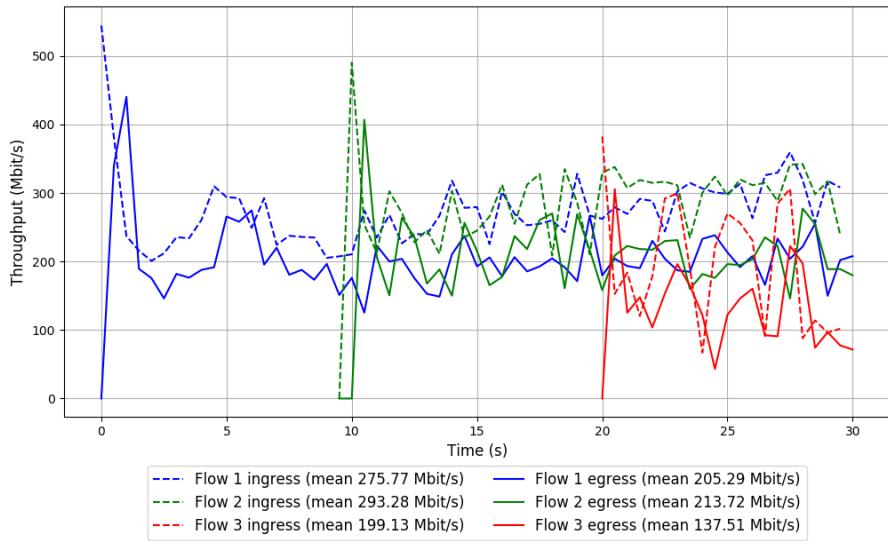


Run 1: Statistics of Verus

```
Start at: 2018-08-09 08:48:51
End at: 2018-08-09 08:49:21
Local clock offset: -2.57 ms
Remote clock offset: -1.28 ms

# Below is generated by plot.py at 2018-08-09 15:36:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 392.89 Mbit/s
95th percentile per-packet one-way delay: 38.441 ms
Loss rate: 26.78%
-- Flow 1:
Average throughput: 205.29 Mbit/s
95th percentile per-packet one-way delay: 44.179 ms
Loss rate: 25.56%
-- Flow 2:
Average throughput: 213.72 Mbit/s
95th percentile per-packet one-way delay: 31.603 ms
Loss rate: 27.12%
-- Flow 3:
Average throughput: 137.51 Mbit/s
95th percentile per-packet one-way delay: 30.543 ms
Loss rate: 30.91%
```

Run 1: Report of Verus — Data Link

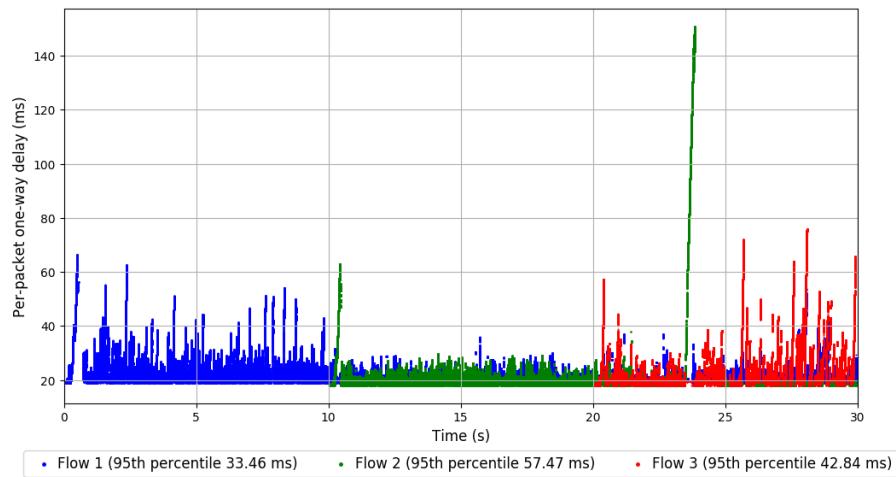
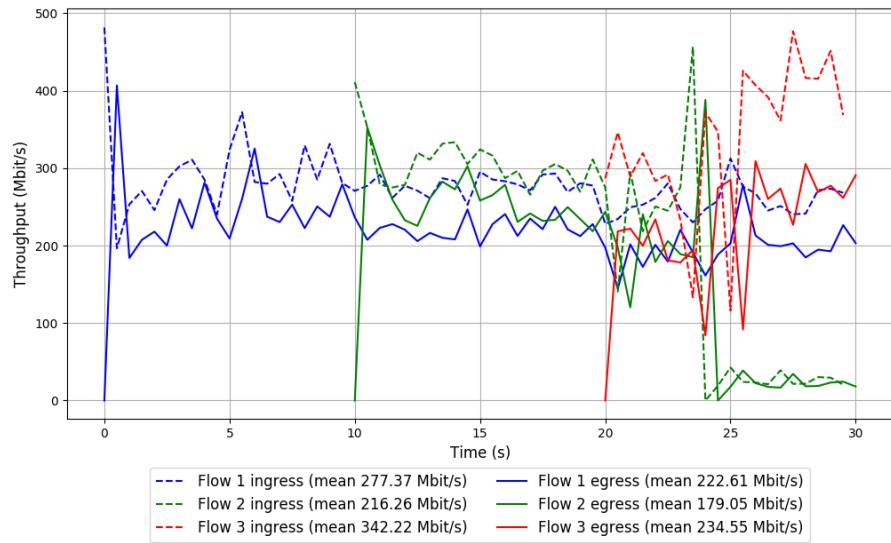


Run 2: Statistics of Verus

```
Start at: 2018-08-09 09:16:27
End at: 2018-08-09 09:16:57
Local clock offset: 6.13 ms
Remote clock offset: 3.581 ms

# Below is generated by plot.py at 2018-08-09 15:36:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 419.22 Mbit/s
95th percentile per-packet one-way delay: 38.103 ms
Loss rate: 21.45%
-- Flow 1:
Average throughput: 222.61 Mbit/s
95th percentile per-packet one-way delay: 33.464 ms
Loss rate: 19.73%
-- Flow 2:
Average throughput: 179.05 Mbit/s
95th percentile per-packet one-way delay: 57.468 ms
Loss rate: 17.21%
-- Flow 3:
Average throughput: 234.55 Mbit/s
95th percentile per-packet one-way delay: 42.842 ms
Loss rate: 31.13%
```

Run 2: Report of Verus — Data Link

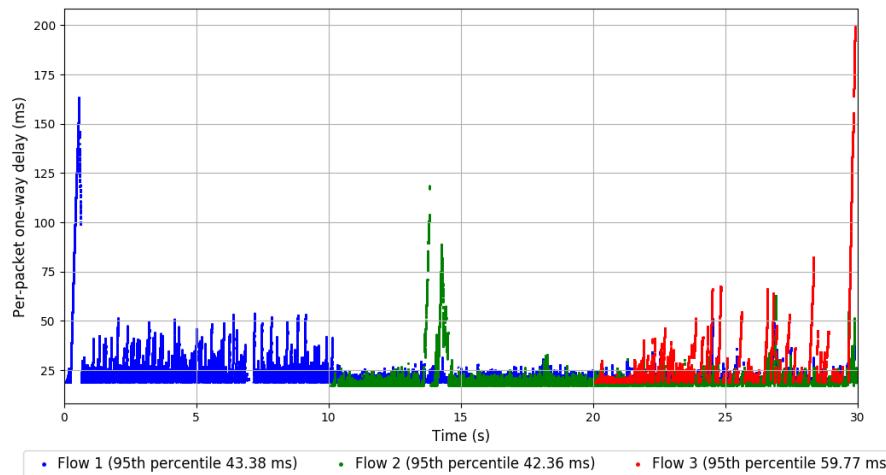
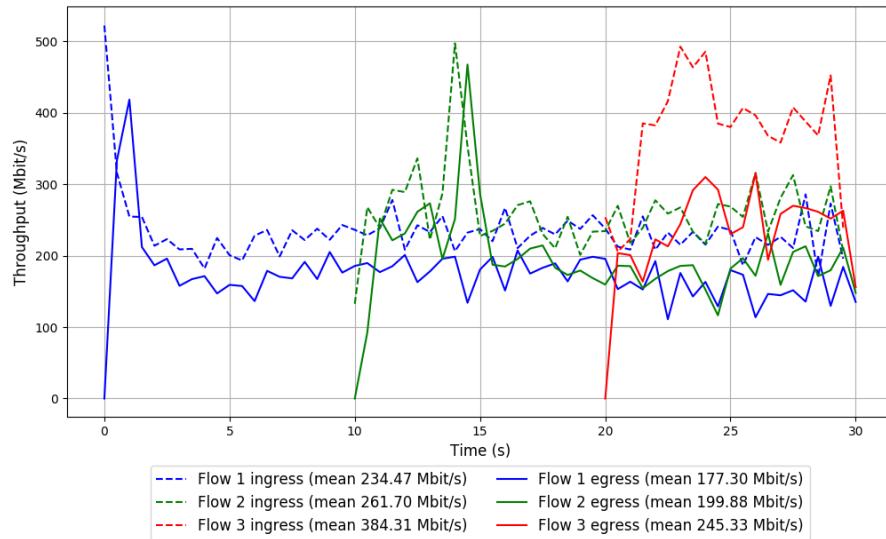


Run 3: Statistics of Verus

```
Start at: 2018-08-09 09:43:46
End at: 2018-08-09 09:44:16
Local clock offset: 9.449 ms
Remote clock offset: 3.188 ms

# Below is generated by plot.py at 2018-08-09 15:37:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 391.22 Mbit/s
95th percentile per-packet one-way delay: 47.233 ms
Loss rate: 26.60%
-- Flow 1:
Average throughput: 177.30 Mbit/s
95th percentile per-packet one-way delay: 43.381 ms
Loss rate: 24.38%
-- Flow 2:
Average throughput: 199.88 Mbit/s
95th percentile per-packet one-way delay: 42.363 ms
Loss rate: 23.61%
-- Flow 3:
Average throughput: 245.33 Mbit/s
95th percentile per-packet one-way delay: 59.771 ms
Loss rate: 34.98%
```

Run 3: Report of Verus — Data Link

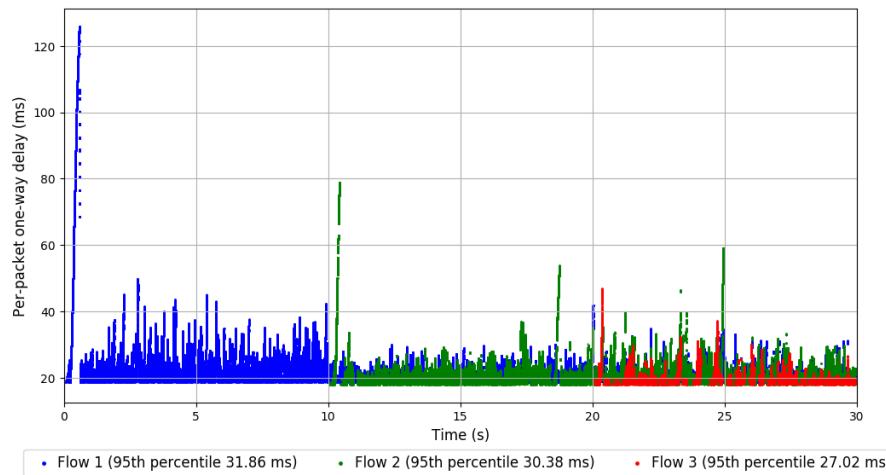
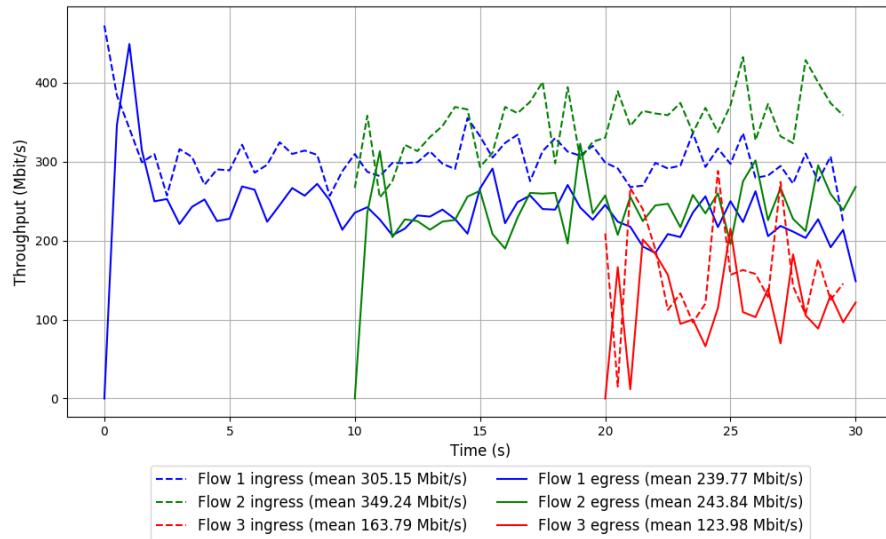


Run 4: Statistics of Verus

```
Start at: 2018-08-09 10:11:23
End at: 2018-08-09 10:11:53
Local clock offset: 2.996 ms
Remote clock offset: 1.318 ms

# Below is generated by plot.py at 2018-08-09 15:38:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 442.93 Mbit/s
95th percentile per-packet one-way delay: 30.765 ms
Loss rate: 25.12%
-- Flow 1:
Average throughput: 239.77 Mbit/s
95th percentile per-packet one-way delay: 31.861 ms
Loss rate: 21.42%
-- Flow 2:
Average throughput: 243.84 Mbit/s
95th percentile per-packet one-way delay: 30.375 ms
Loss rate: 30.18%
-- Flow 3:
Average throughput: 123.98 Mbit/s
95th percentile per-packet one-way delay: 27.017 ms
Loss rate: 24.30%
```

Run 4: Report of Verus — Data Link

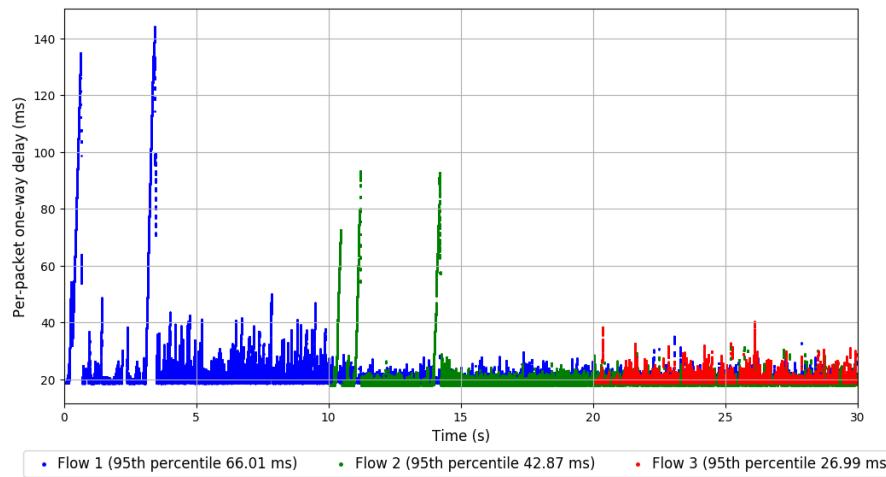
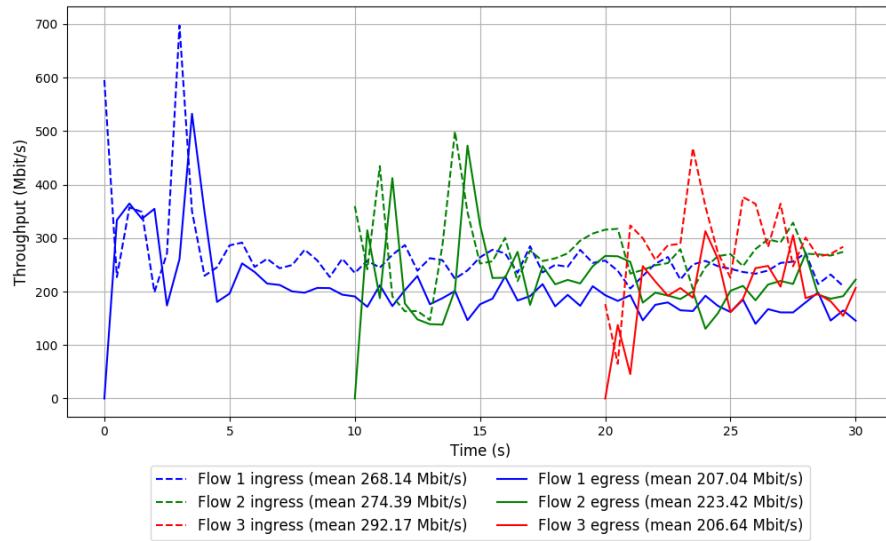


Run 5: Statistics of Verus

```
Start at: 2018-08-09 10:38:51
End at: 2018-08-09 10:39:21
Local clock offset: -0.83 ms
Remote clock offset: -0.064 ms

# Below is generated by plot.py at 2018-08-09 15:39:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 423.95 Mbit/s
95th percentile per-packet one-way delay: 44.398 ms
Loss rate: 22.51%
-- Flow 1:
Average throughput: 207.04 Mbit/s
95th percentile per-packet one-way delay: 66.010 ms
Loss rate: 22.78%
-- Flow 2:
Average throughput: 223.42 Mbit/s
95th percentile per-packet one-way delay: 42.870 ms
Loss rate: 18.56%
-- Flow 3:
Average throughput: 206.64 Mbit/s
95th percentile per-packet one-way delay: 26.994 ms
Loss rate: 29.21%
```

Run 5: Report of Verus — Data Link

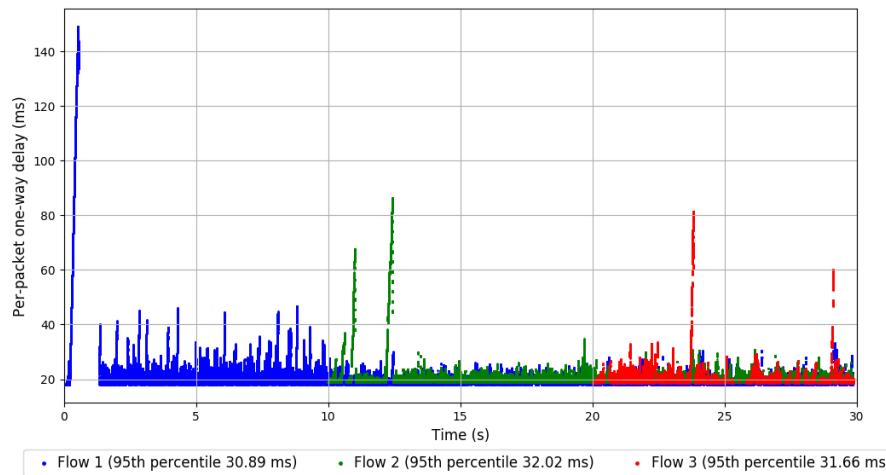
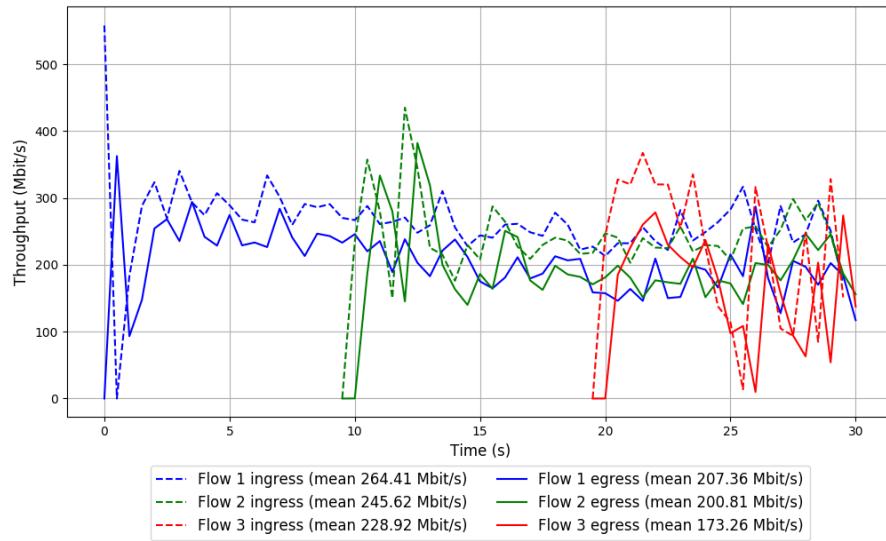


Run 6: Statistics of Verus

```
Start at: 2018-08-09 11:06:35
End at: 2018-08-09 11:07:05
Local clock offset: -0.644 ms
Remote clock offset: -0.887 ms

# Below is generated by plot.py at 2018-08-09 15:39:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 398.62 Mbit/s
95th percentile per-packet one-way delay: 31.406 ms
Loss rate: 20.94%
-- Flow 1:
Average throughput: 207.36 Mbit/s
95th percentile per-packet one-way delay: 30.892 ms
Loss rate: 21.63%
-- Flow 2:
Average throughput: 200.81 Mbit/s
95th percentile per-packet one-way delay: 32.025 ms
Loss rate: 18.24%
-- Flow 3:
Average throughput: 173.26 Mbit/s
95th percentile per-packet one-way delay: 31.659 ms
Loss rate: 24.32%
```

Run 6: Report of Verus — Data Link

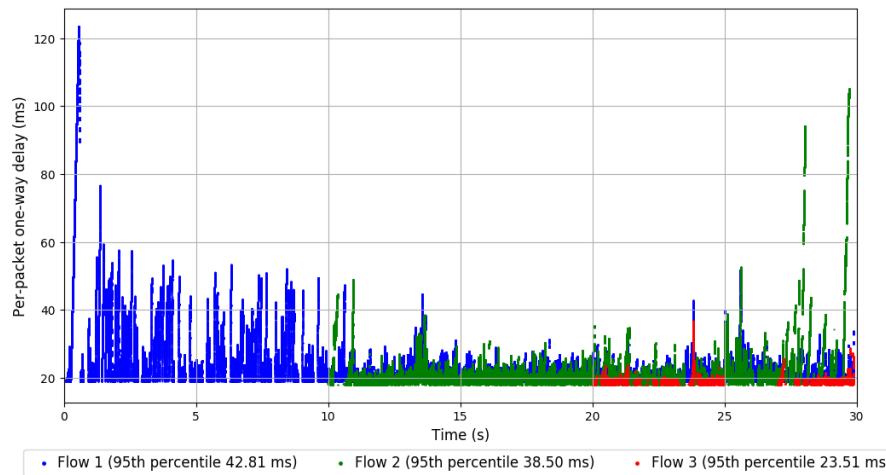
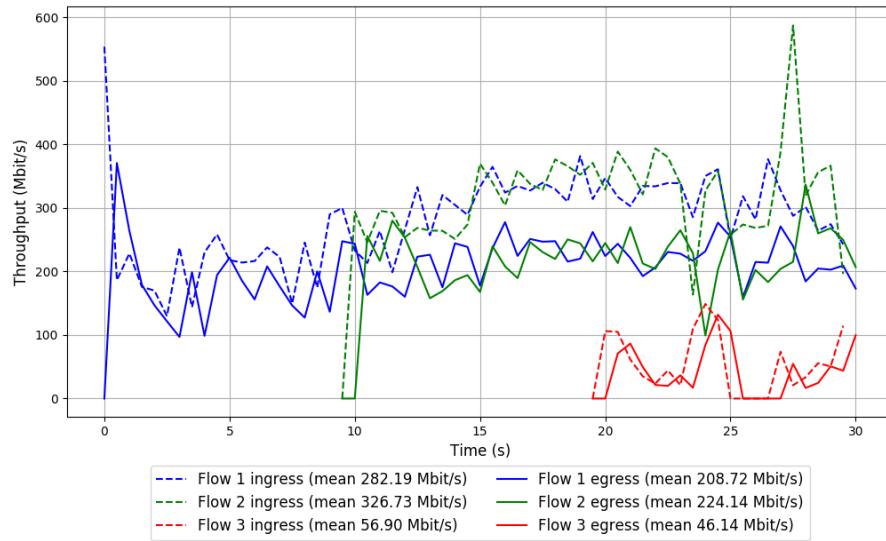


Run 7: Statistics of Verus

```
Start at: 2018-08-09 11:34:03
End at: 2018-08-09 11:34:33
Local clock offset: 2.966 ms
Remote clock offset: 0.37 ms

# Below is generated by plot.py at 2018-08-09 15:39:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 372.25 Mbit/s
95th percentile per-packet one-way delay: 40.569 ms
Loss rate: 27.88%
-- Flow 1:
Average throughput: 208.72 Mbit/s
95th percentile per-packet one-way delay: 42.810 ms
Loss rate: 26.03%
-- Flow 2:
Average throughput: 224.14 Mbit/s
95th percentile per-packet one-way delay: 38.499 ms
Loss rate: 31.10%
-- Flow 3:
Average throughput: 46.14 Mbit/s
95th percentile per-packet one-way delay: 23.514 ms
Loss rate: 18.90%
```

Run 7: Report of Verus — Data Link

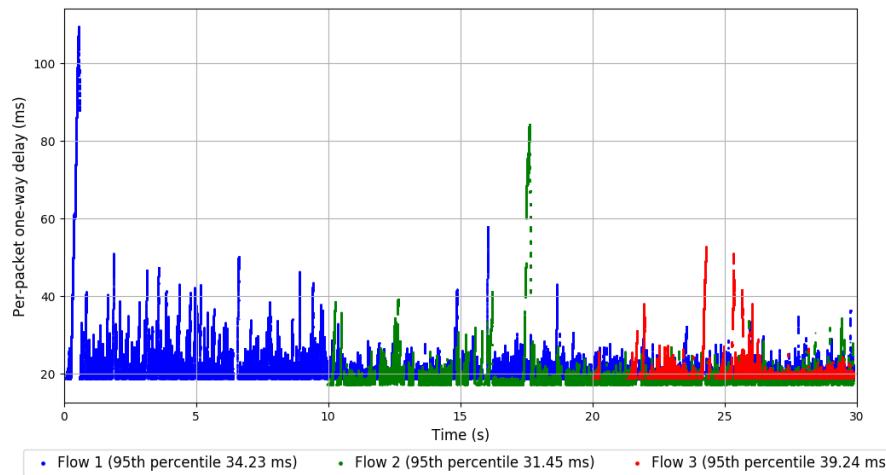
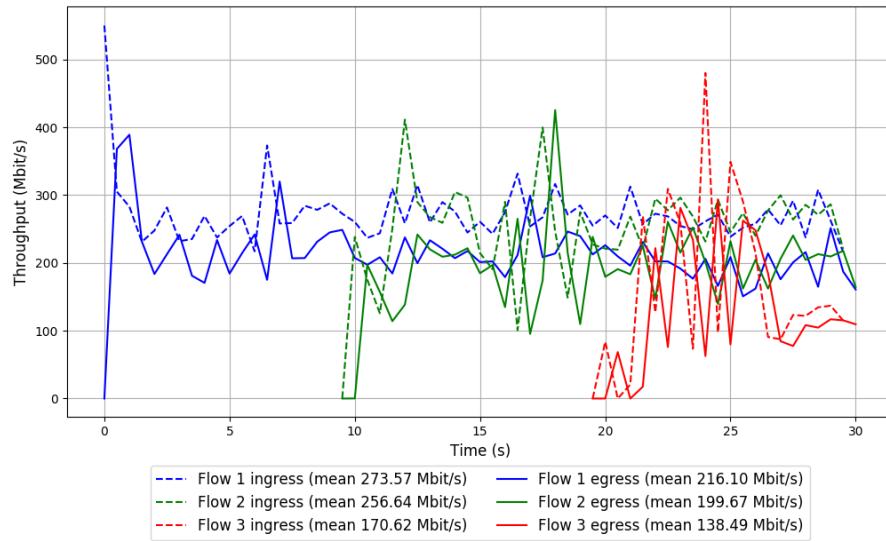


Run 8: Statistics of Verus

```
Start at: 2018-08-09 12:01:39
End at: 2018-08-09 12:02:09
Local clock offset: 0.293 ms
Remote clock offset: -0.224 ms

# Below is generated by plot.py at 2018-08-09 15:40:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 395.32 Mbit/s
95th percentile per-packet one-way delay: 33.838 ms
Loss rate: 21.16%
-- Flow 1:
Average throughput: 216.10 Mbit/s
95th percentile per-packet one-way delay: 34.227 ms
Loss rate: 21.00%
-- Flow 2:
Average throughput: 199.67 Mbit/s
95th percentile per-packet one-way delay: 31.449 ms
Loss rate: 22.20%
-- Flow 3:
Average throughput: 138.49 Mbit/s
95th percentile per-packet one-way delay: 39.244 ms
Loss rate: 18.82%
```

Run 8: Report of Verus — Data Link

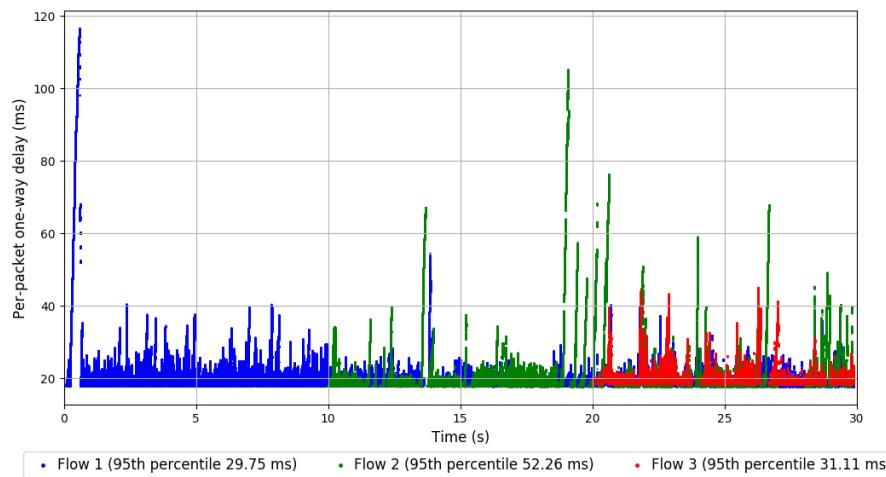
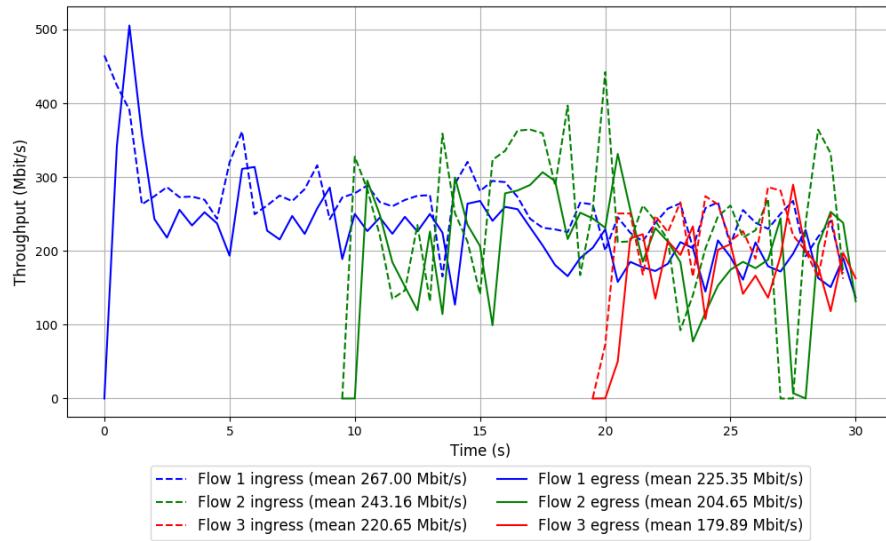


Run 9: Statistics of Verus

```
Start at: 2018-08-09 12:28:52
End at: 2018-08-09 12:29:22
Local clock offset: -2.768 ms
Remote clock offset: 2.295 ms

# Below is generated by plot.py at 2018-08-09 15:41:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 421.21 Mbit/s
95th percentile per-packet one-way delay: 39.350 ms
Loss rate: 16.06%
-- Flow 1:
Average throughput: 225.35 Mbit/s
95th percentile per-packet one-way delay: 29.750 ms
Loss rate: 15.60%
-- Flow 2:
Average throughput: 204.65 Mbit/s
95th percentile per-packet one-way delay: 52.258 ms
Loss rate: 15.75%
-- Flow 3:
Average throughput: 179.89 Mbit/s
95th percentile per-packet one-way delay: 31.113 ms
Loss rate: 18.47%
```

Run 9: Report of Verus — Data Link

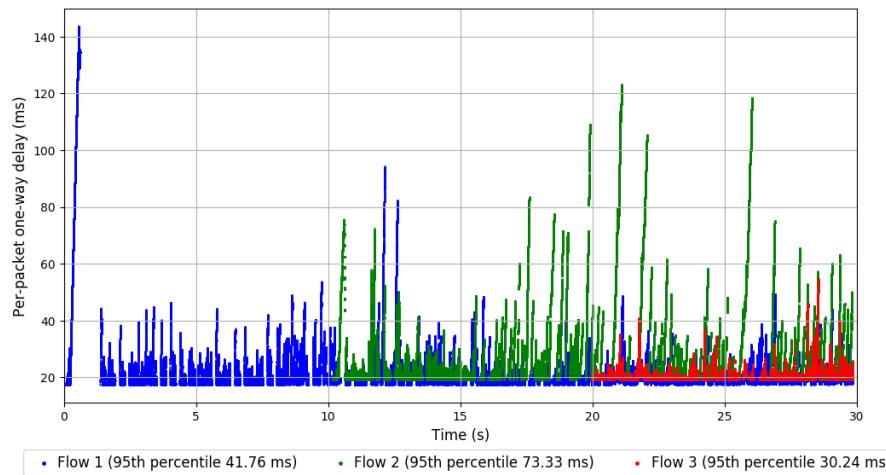
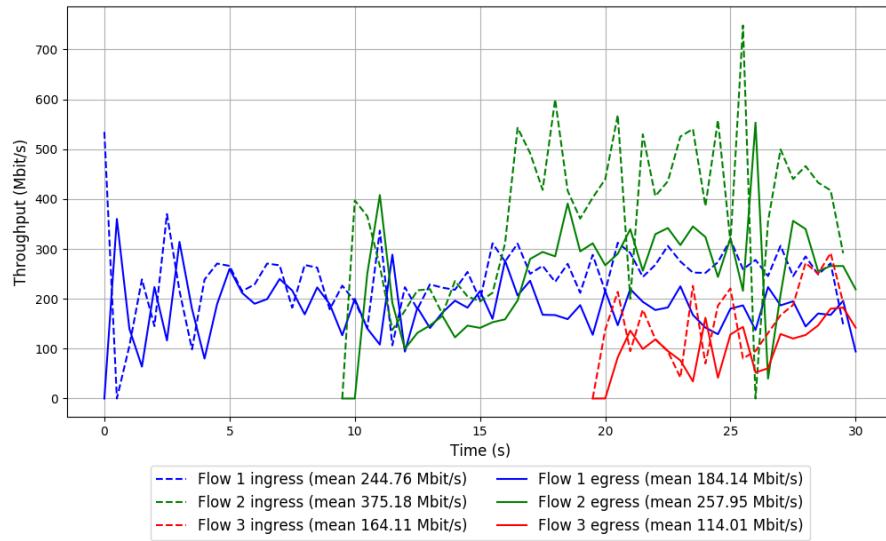


Run 10: Statistics of Verus

```
Start at: 2018-08-09 12:56:15
End at: 2018-08-09 12:56:45
Local clock offset: 1.367 ms
Remote clock offset: 3.205 ms

# Below is generated by plot.py at 2018-08-09 15:41:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 393.76 Mbit/s
95th percentile per-packet one-way delay: 64.269 ms
Loss rate: 28.23%
-- Flow 1:
Average throughput: 184.14 Mbit/s
95th percentile per-packet one-way delay: 41.757 ms
Loss rate: 24.76%
-- Flow 2:
Average throughput: 257.95 Mbit/s
95th percentile per-packet one-way delay: 73.325 ms
Loss rate: 31.14%
-- Flow 3:
Average throughput: 114.01 Mbit/s
95th percentile per-packet one-way delay: 30.241 ms
Loss rate: 30.50%
```

Run 10: Report of Verus — Data Link

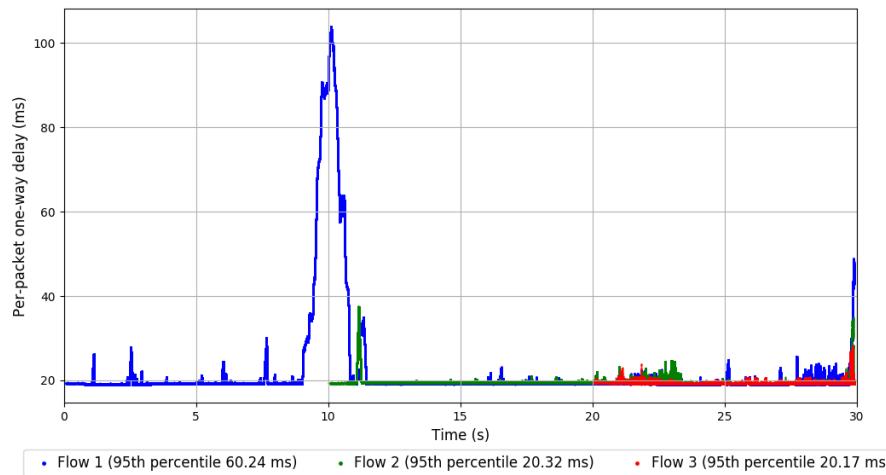
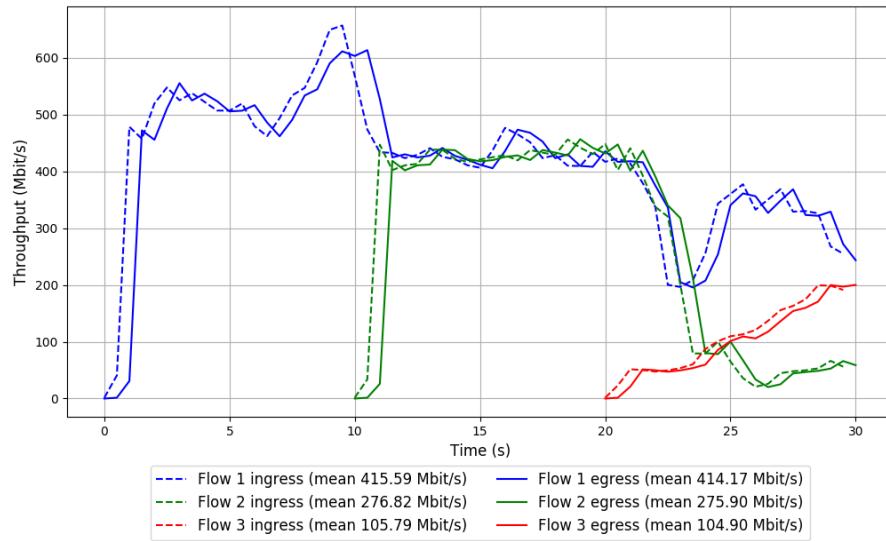


```
Run 1: Statistics of PCC-Vivace
```

```
Start at: 2018-08-09 08:52:16
End at: 2018-08-09 08:52:46
Local clock offset: -0.22 ms
Remote clock offset: -1.261 ms

# Below is generated by plot.py at 2018-08-09 15:45:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 632.34 Mbit/s
95th percentile per-packet one-way delay: 33.578 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 414.17 Mbit/s
95th percentile per-packet one-way delay: 60.241 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 275.90 Mbit/s
95th percentile per-packet one-way delay: 20.325 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 104.90 Mbit/s
95th percentile per-packet one-way delay: 20.174 ms
Loss rate: 0.85%
```

Run 1: Report of PCC-Vivace — Data Link

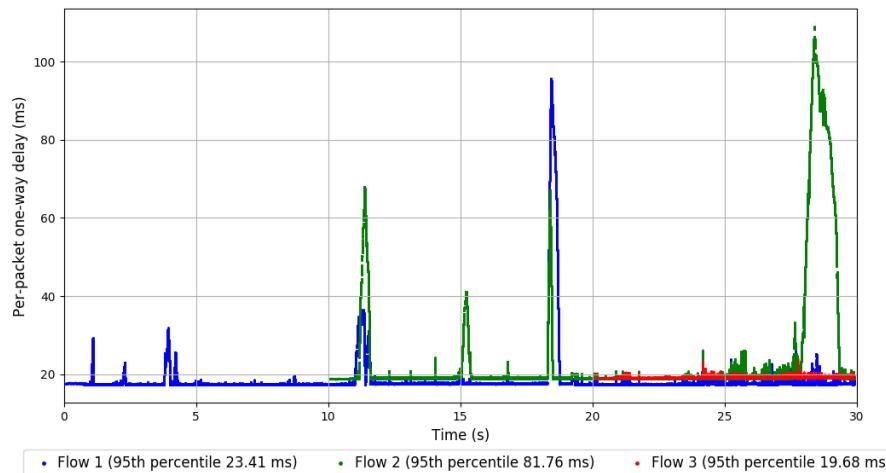
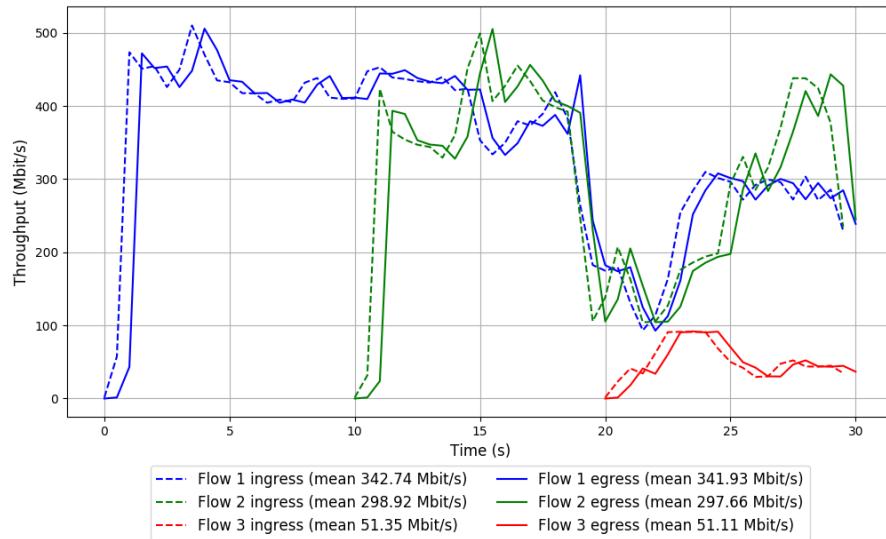


Run 2: Statistics of PCC-Vivace

```
Start at: 2018-08-09 09:19:46
End at: 2018-08-09 09:20:16
Local clock offset: 6.58 ms
Remote clock offset: 3.822 ms

# Below is generated by plot.py at 2018-08-09 15:45:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 556.74 Mbit/s
95th percentile per-packet one-way delay: 41.984 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 341.93 Mbit/s
95th percentile per-packet one-way delay: 23.413 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 297.66 Mbit/s
95th percentile per-packet one-way delay: 81.760 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 51.11 Mbit/s
95th percentile per-packet one-way delay: 19.677 ms
Loss rate: 0.47%
```

Run 2: Report of PCC-Vivace — Data Link

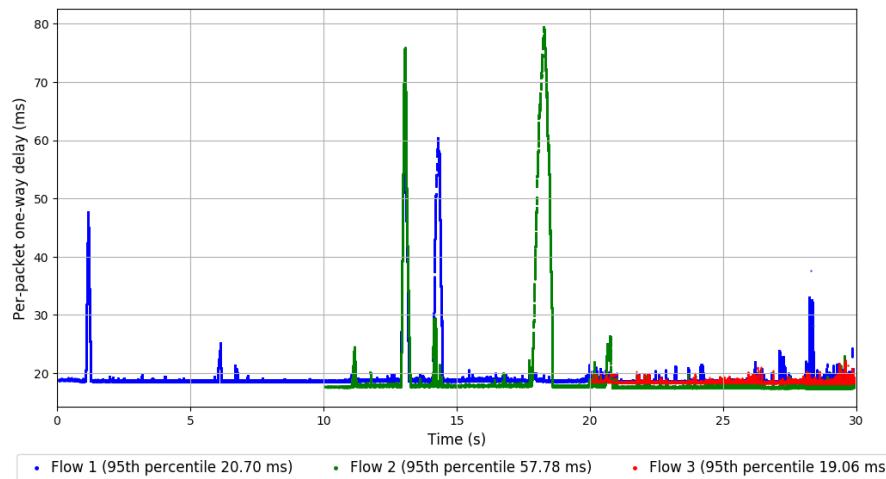
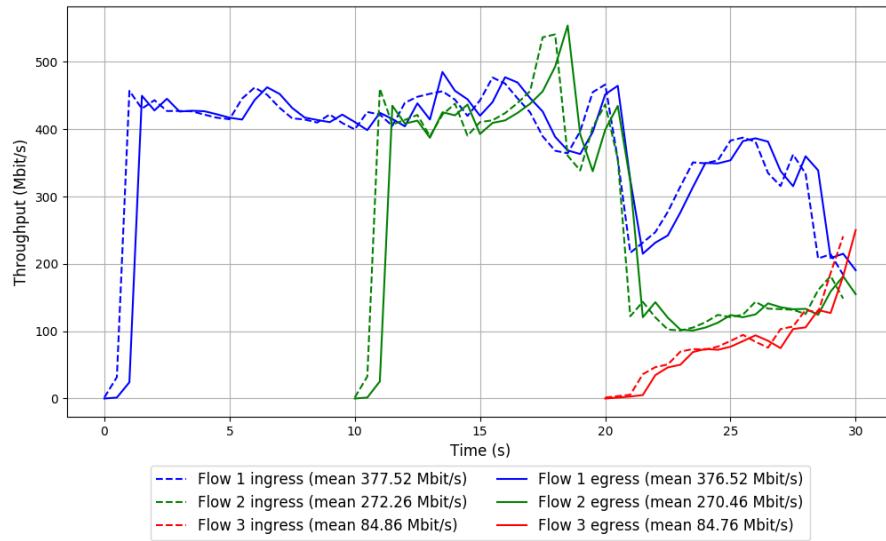


Run 3: Statistics of PCC-Vivace

```
Start at: 2018-08-09 09:47:10
End at: 2018-08-09 09:47:40
Local clock offset: 8.695 ms
Remote clock offset: 3.253 ms

# Below is generated by plot.py at 2018-08-09 15:45:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 584.40 Mbit/s
95th percentile per-packet one-way delay: 26.816 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 376.52 Mbit/s
95th percentile per-packet one-way delay: 20.696 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 270.46 Mbit/s
95th percentile per-packet one-way delay: 57.783 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 84.76 Mbit/s
95th percentile per-packet one-way delay: 19.059 ms
Loss rate: 0.11%
```

Run 3: Report of PCC-Vivace — Data Link

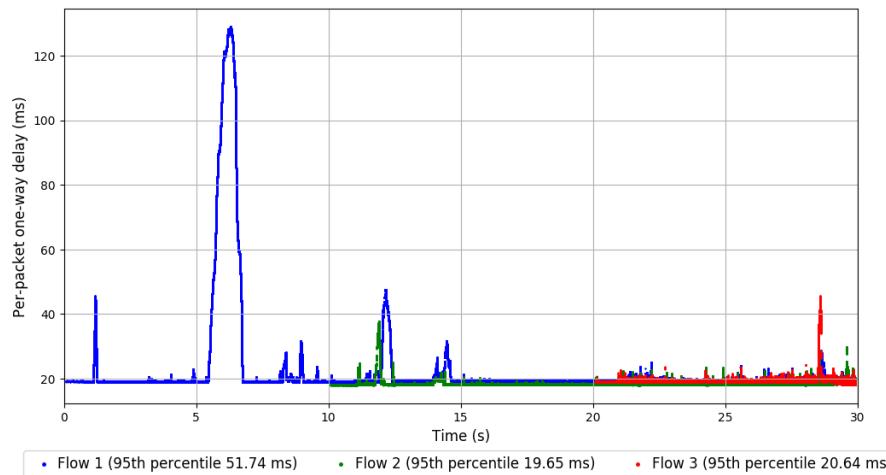
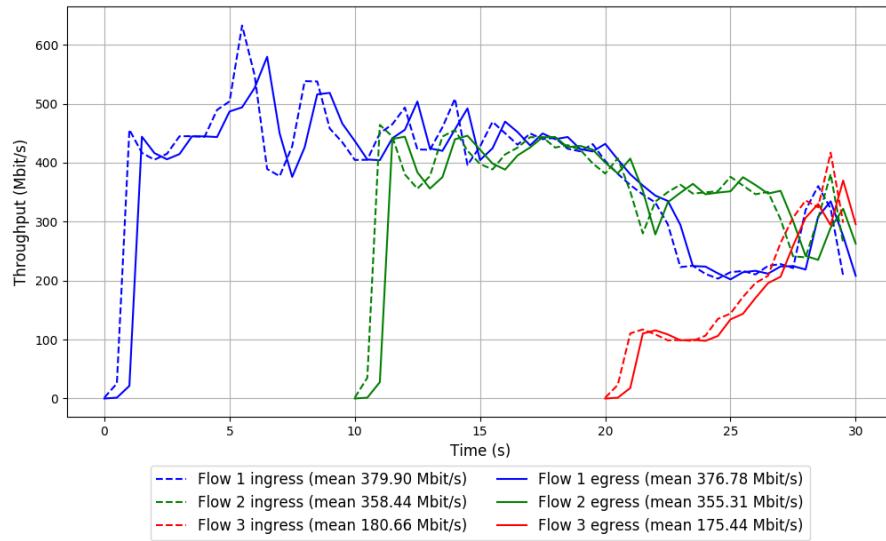


Run 4: Statistics of PCC-Vivace

```
Start at: 2018-08-09 10:14:50
End at: 2018-08-09 10:15:20
Local clock offset: 2.931 ms
Remote clock offset: 1.03 ms

# Below is generated by plot.py at 2018-08-09 15:47:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 671.02 Mbit/s
95th percentile per-packet one-way delay: 29.234 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 376.78 Mbit/s
95th percentile per-packet one-way delay: 51.744 ms
Loss rate: 0.82%
-- Flow 2:
Average throughput: 355.31 Mbit/s
95th percentile per-packet one-way delay: 19.649 ms
Loss rate: 0.86%
-- Flow 3:
Average throughput: 175.44 Mbit/s
95th percentile per-packet one-way delay: 20.640 ms
Loss rate: 2.88%
```

Run 4: Report of PCC-Vivace — Data Link

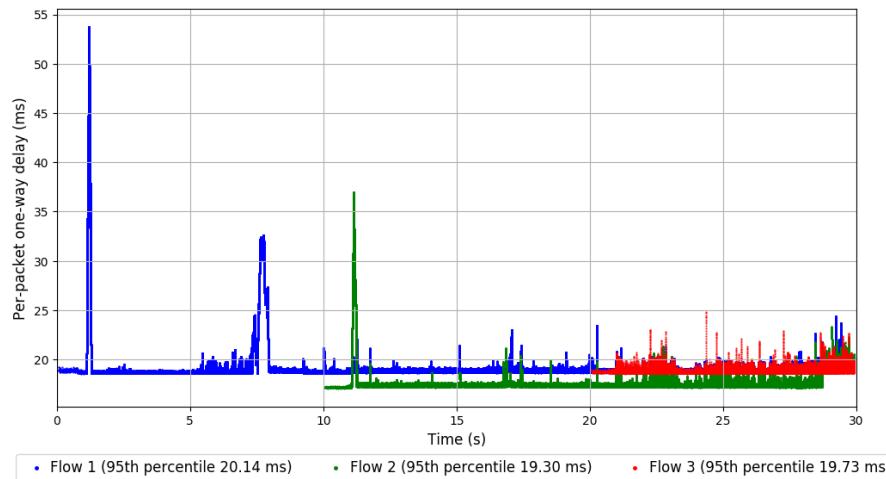
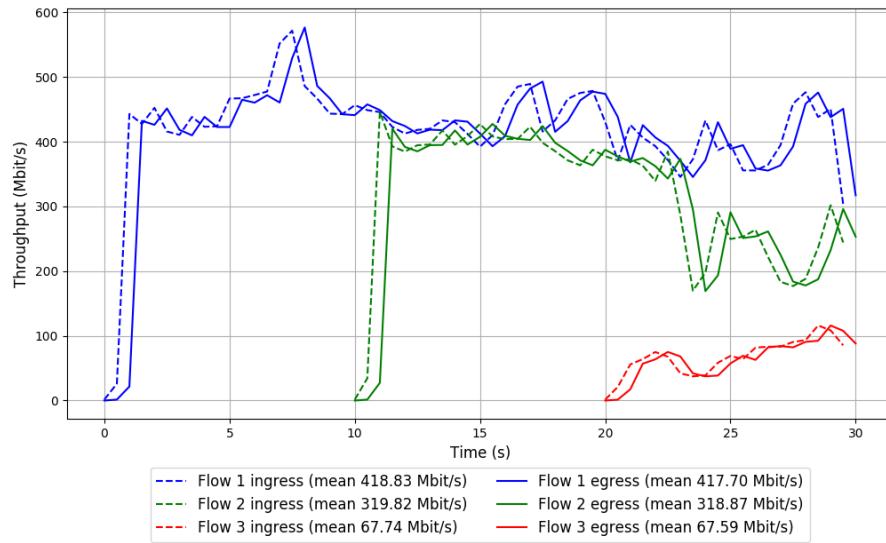


Run 5: Statistics of PCC-Vivace

```
Start at: 2018-08-09 10:42:14
End at: 2018-08-09 10:42:44
Local clock offset: -1.074 ms
Remote clock offset: -0.192 ms

# Below is generated by plot.py at 2018-08-09 15:47:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 652.08 Mbit/s
95th percentile per-packet one-way delay: 19.864 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 417.70 Mbit/s
95th percentile per-packet one-way delay: 20.145 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 318.87 Mbit/s
95th percentile per-packet one-way delay: 19.303 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 67.59 Mbit/s
95th percentile per-packet one-way delay: 19.732 ms
Loss rate: 0.23%
```

Run 5: Report of PCC-Vivace — Data Link

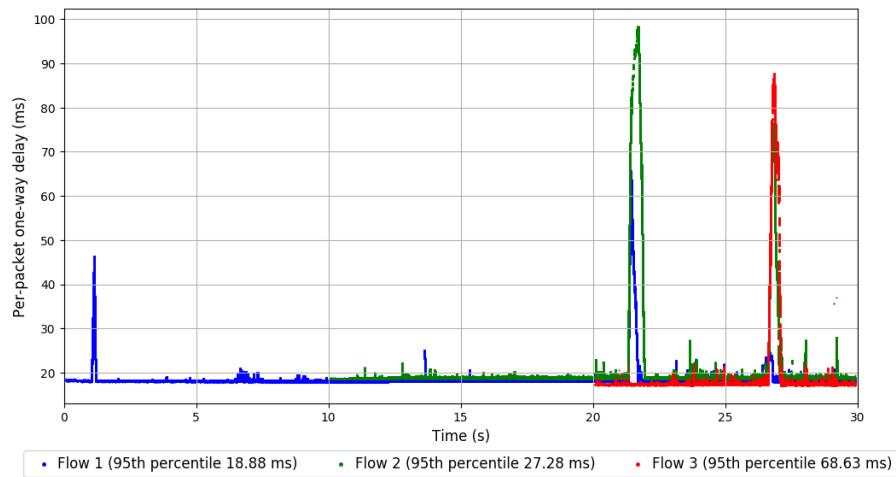
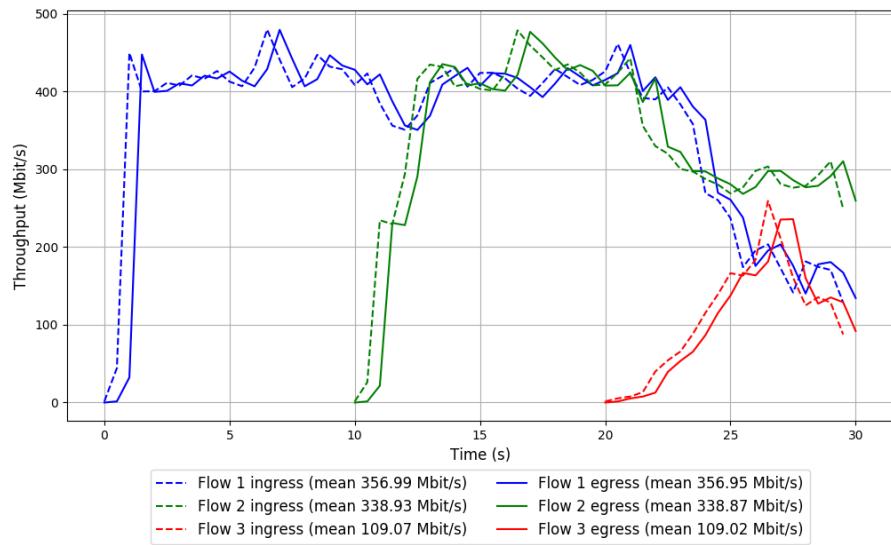


Run 6: Statistics of PCC-Vivace

```
Start at: 2018-08-09 11:09:58
End at: 2018-08-09 11:10:28
Local clock offset: -0.789 ms
Remote clock offset: -0.738 ms

# Below is generated by plot.py at 2018-08-09 15:48:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 618.32 Mbit/s
95th percentile per-packet one-way delay: 19.915 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 356.95 Mbit/s
95th percentile per-packet one-way delay: 18.883 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 338.87 Mbit/s
95th percentile per-packet one-way delay: 27.281 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 109.02 Mbit/s
95th percentile per-packet one-way delay: 68.633 ms
Loss rate: 0.05%
```

Run 6: Report of PCC-Vivace — Data Link

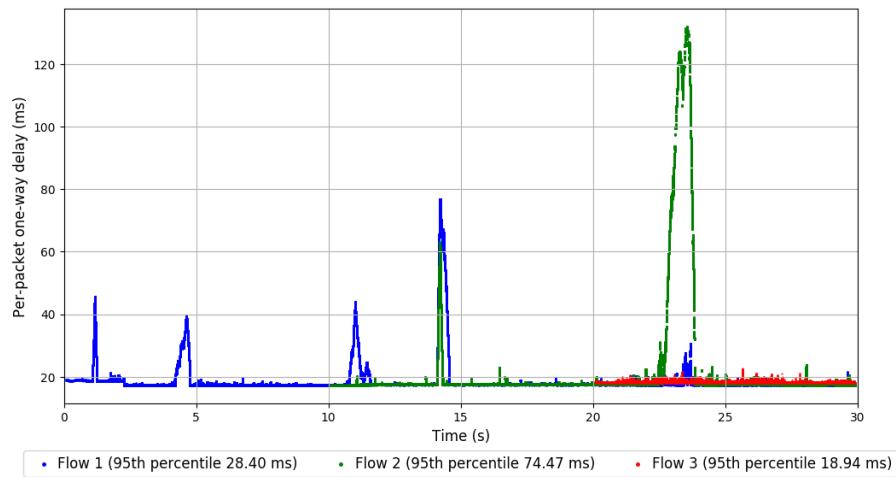
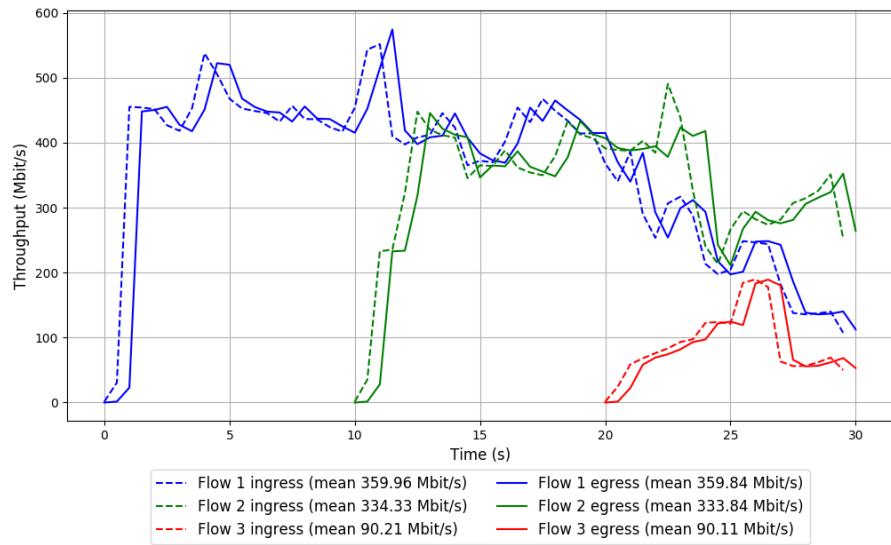


Run 7: Statistics of PCC-Vivace

```
Start at: 2018-08-09 11:37:24
End at: 2018-08-09 11:37:54
Local clock offset: 3.114 ms
Remote clock offset: 0.342 ms

# Below is generated by plot.py at 2018-08-09 15:48:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 611.61 Mbit/s
95th percentile per-packet one-way delay: 31.221 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 359.84 Mbit/s
95th percentile per-packet one-way delay: 28.401 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 333.84 Mbit/s
95th percentile per-packet one-way delay: 74.472 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 90.11 Mbit/s
95th percentile per-packet one-way delay: 18.942 ms
Loss rate: 0.11%
```

Run 7: Report of PCC-Vivace — Data Link

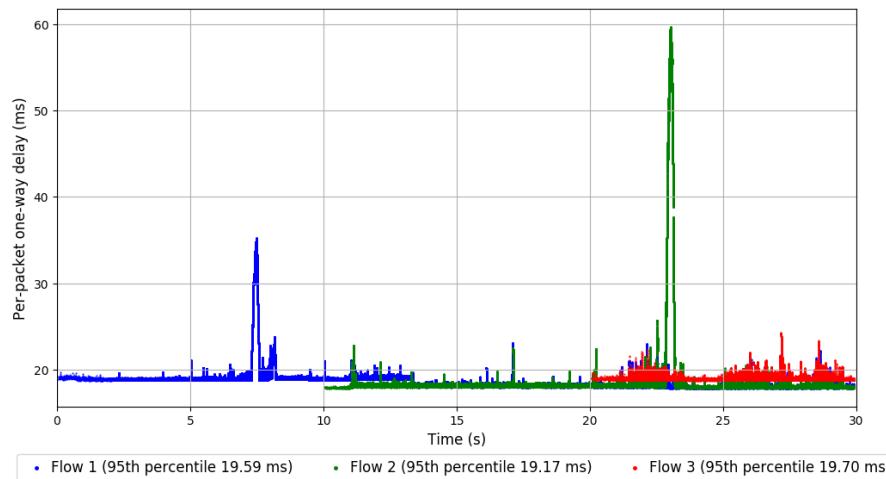
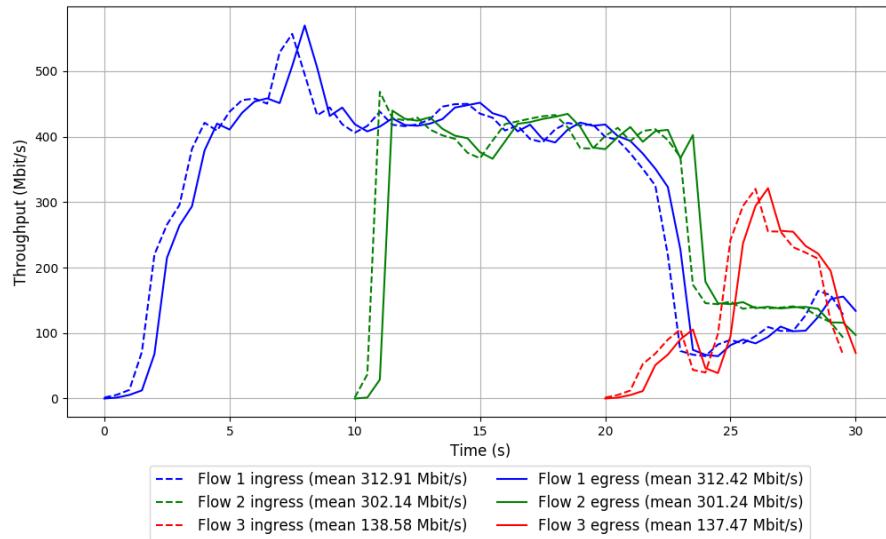


Run 8: Statistics of PCC-Vivace

```
Start at: 2018-08-09 12:05:02
End at: 2018-08-09 12:05:32
Local clock offset: 0.135 ms
Remote clock offset: -0.313 ms

# Below is generated by plot.py at 2018-08-09 15:48:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 558.22 Mbit/s
95th percentile per-packet one-way delay: 19.521 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 312.42 Mbit/s
95th percentile per-packet one-way delay: 19.592 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 301.24 Mbit/s
95th percentile per-packet one-way delay: 19.169 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 137.47 Mbit/s
95th percentile per-packet one-way delay: 19.705 ms
Loss rate: 0.80%
```

Run 8: Report of PCC-Vivace — Data Link

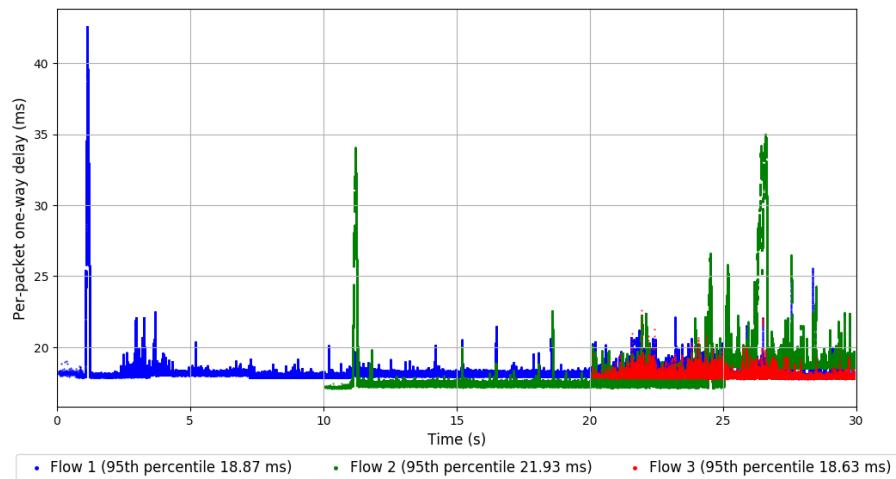
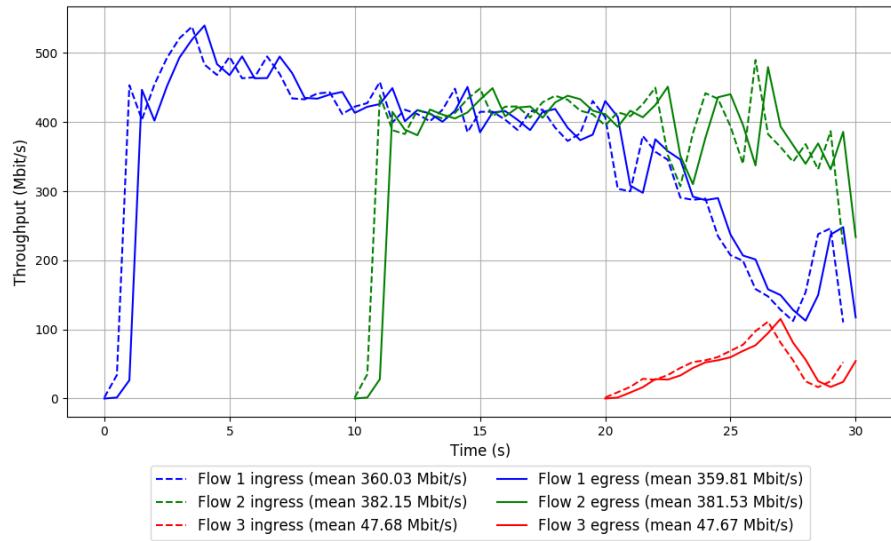


Run 9: Statistics of PCC-Vivace

```
Start at: 2018-08-09 12:32:17
End at: 2018-08-09 12:32:47
Local clock offset: -3.174 ms
Remote clock offset: 2.606 ms

# Below is generated by plot.py at 2018-08-09 15:49:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 629.30 Mbit/s
95th percentile per-packet one-way delay: 19.510 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 359.81 Mbit/s
95th percentile per-packet one-way delay: 18.867 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 381.53 Mbit/s
95th percentile per-packet one-way delay: 21.929 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 47.67 Mbit/s
95th percentile per-packet one-way delay: 18.628 ms
Loss rate: 0.02%
```

Run 9: Report of PCC-Vivace — Data Link

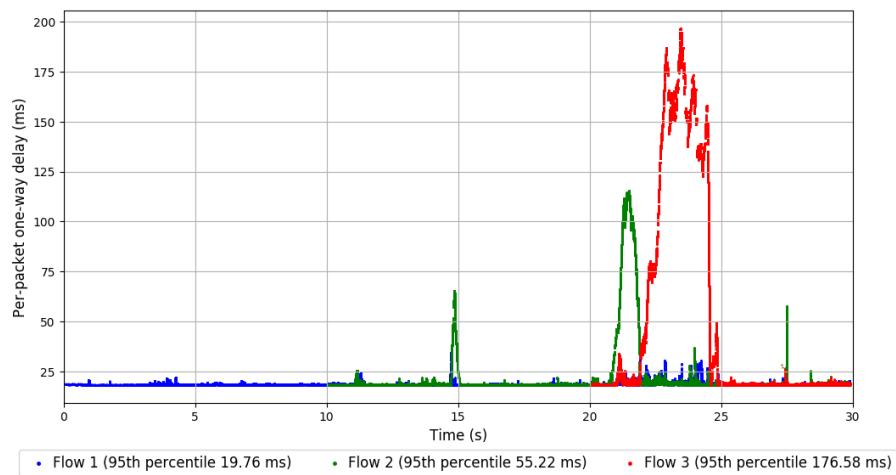
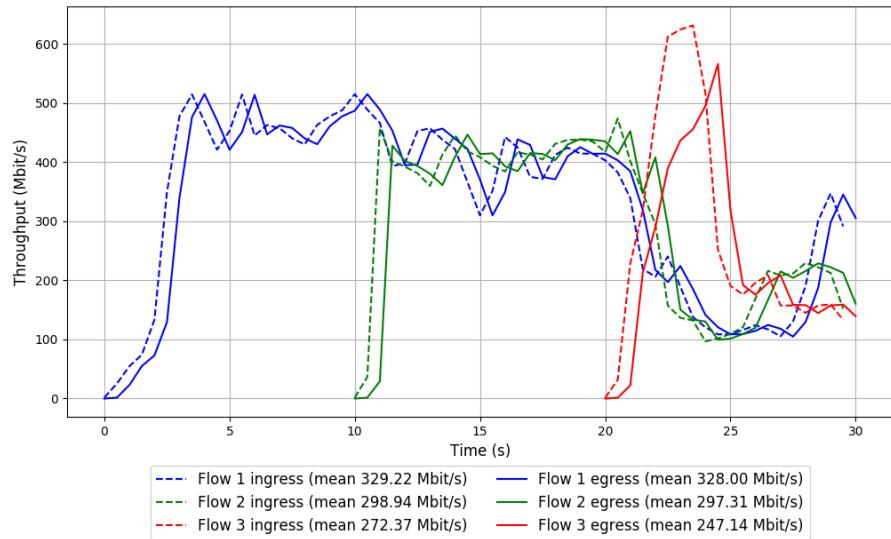


Run 10: Statistics of PCC-Vivace

```
Start at: 2018-08-09 12:59:40
End at: 2018-08-09 13:00:10
Local clock offset: 2.171 ms
Remote clock offset: 3.162 ms

# Below is generated by plot.py at 2018-08-09 15:49:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 607.41 Mbit/s
95th percentile per-packet one-way delay: 123.012 ms
Loss rate: 1.72%
-- Flow 1:
Average throughput: 328.00 Mbit/s
95th percentile per-packet one-way delay: 19.764 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 297.31 Mbit/s
95th percentile per-packet one-way delay: 55.216 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 247.14 Mbit/s
95th percentile per-packet one-way delay: 176.576 ms
Loss rate: 9.26%
```

Run 10: Report of PCC-Vivace — Data Link

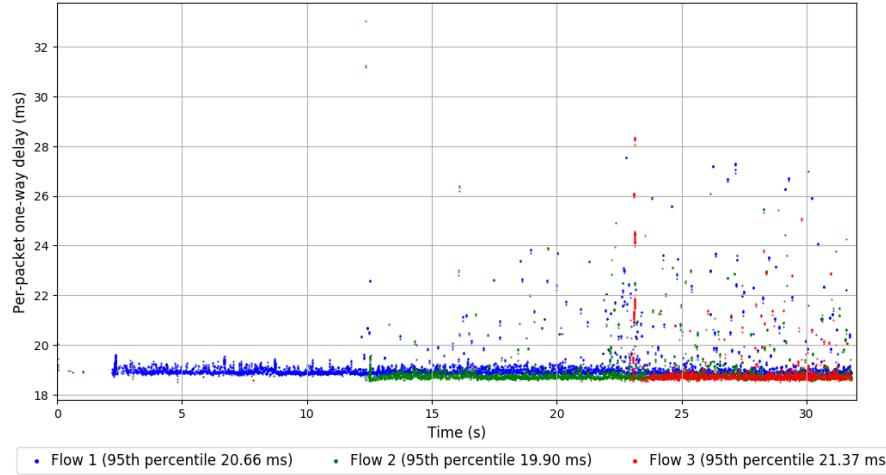
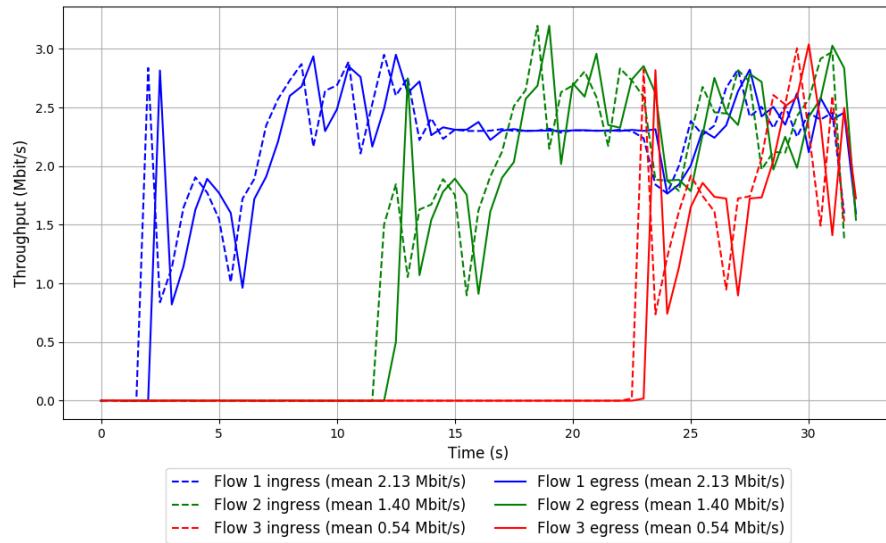


Run 1: Statistics of WebRTC media

```
Start at: 2018-08-09 08:44:38
End at: 2018-08-09 08:45:08
Local clock offset: -4.987 ms
Remote clock offset: -1.169 ms

# Below is generated by plot.py at 2018-08-09 15:49:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.07 Mbit/s
95th percentile per-packet one-way delay: 20.543 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.13 Mbit/s
95th percentile per-packet one-way delay: 20.658 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.40 Mbit/s
95th percentile per-packet one-way delay: 19.896 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 21.370 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

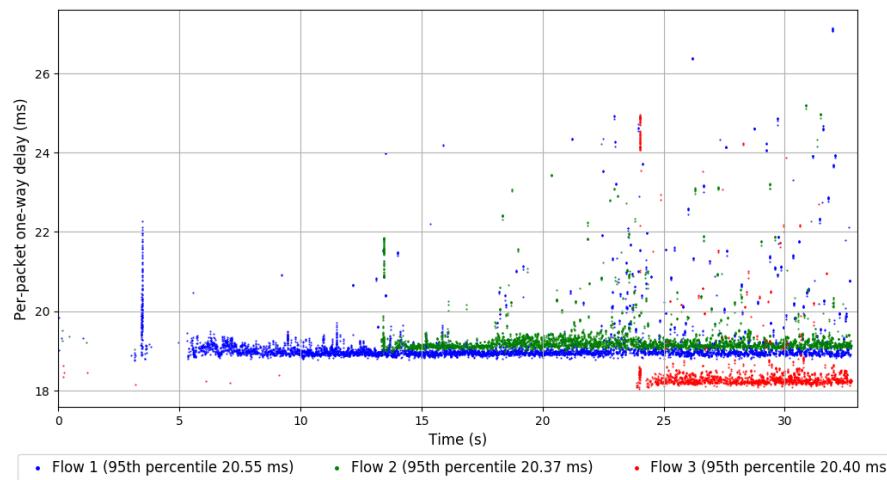
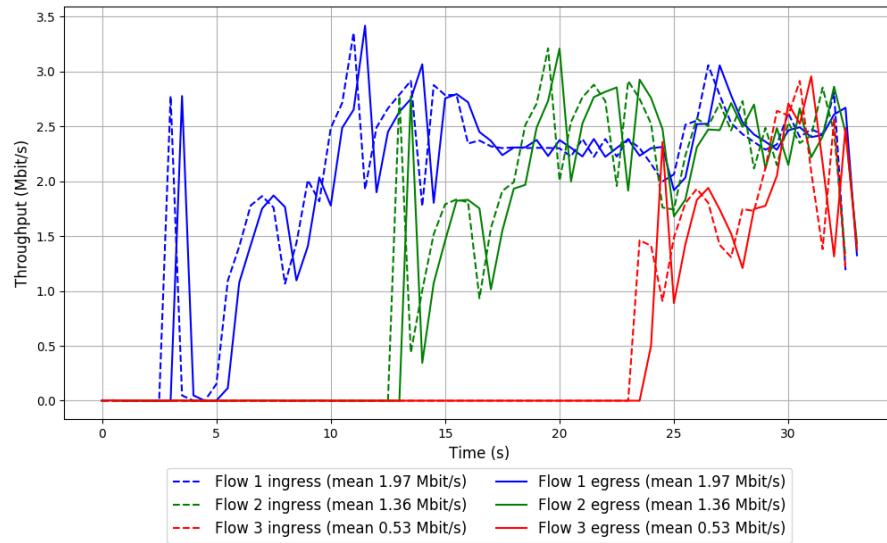


Run 2: Statistics of WebRTC media

```
Start at: 2018-08-09 09:12:13
End at: 2018-08-09 09:12:43
Local clock offset: 5.417 ms
Remote clock offset: 3.23 ms

# Below is generated by plot.py at 2018-08-09 15:49:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.85 Mbit/s
95th percentile per-packet one-way delay: 20.487 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 1.97 Mbit/s
95th percentile per-packet one-way delay: 20.545 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 1.36 Mbit/s
95th percentile per-packet one-way delay: 20.373 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 20.402 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

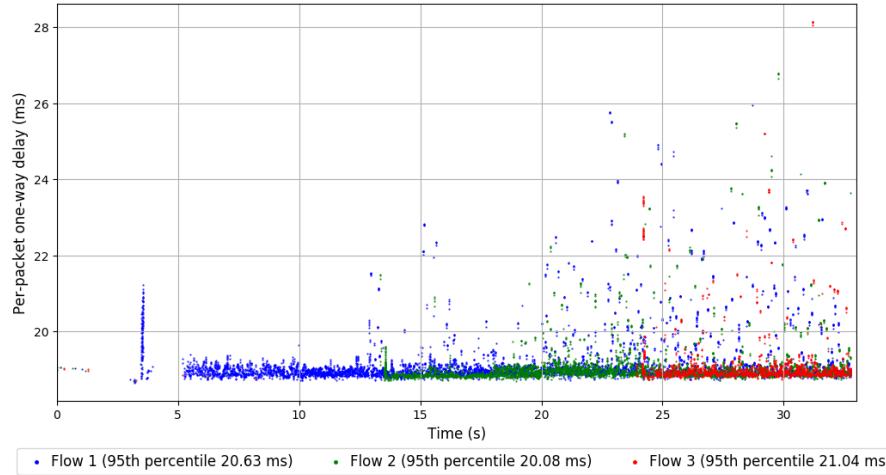
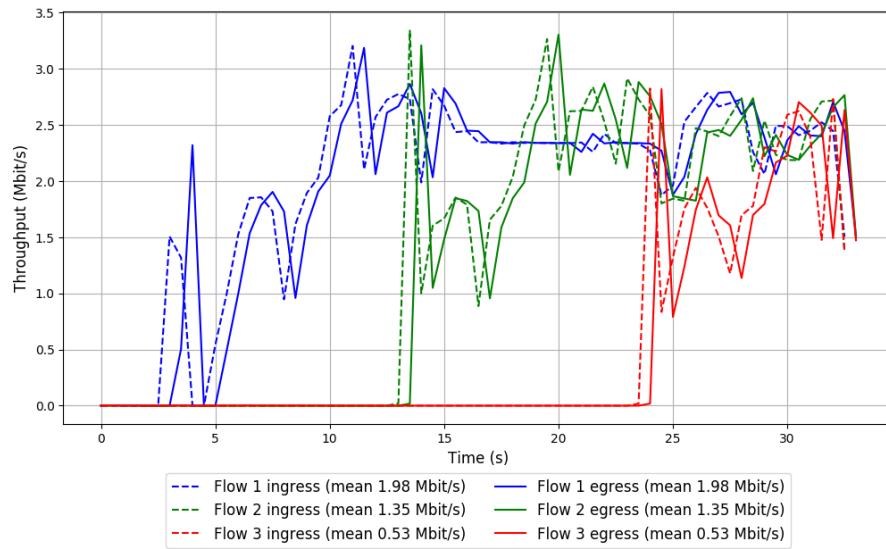


Run 3: Statistics of WebRTC media

```
Start at: 2018-08-09 09:39:32
End at: 2018-08-09 09:40:02
Local clock offset: 8.967 ms
Remote clock offset: 3.302 ms

# Below is generated by plot.py at 2018-08-09 15:49:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.84 Mbit/s
95th percentile per-packet one-way delay: 20.476 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.98 Mbit/s
95th percentile per-packet one-way delay: 20.632 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.35 Mbit/s
95th percentile per-packet one-way delay: 20.079 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 21.042 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

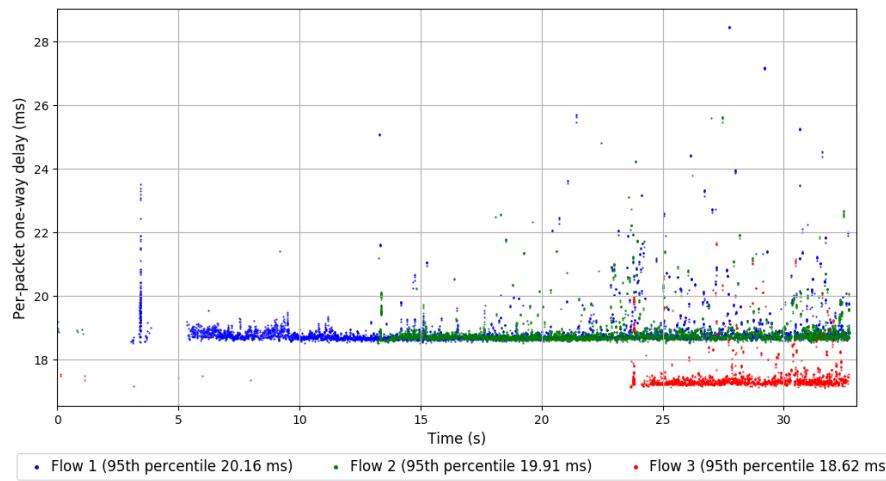
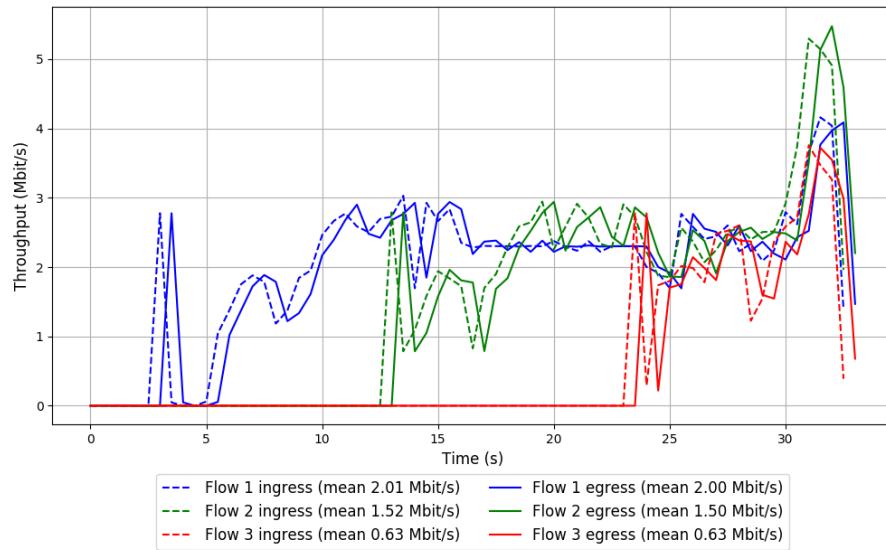


Run 4: Statistics of WebRTC media

```
Start at: 2018-08-09 10:07:09
End at: 2018-08-09 10:07:39
Local clock offset: 3.362 ms
Remote clock offset: 1.769 ms

# Below is generated by plot.py at 2018-08-09 15:49:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.13 Mbit/s
95th percentile per-packet one-way delay: 19.903 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 20.162 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 19.905 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 18.616 ms
Loss rate: 0.74%
```

Run 4: Report of WebRTC media — Data Link

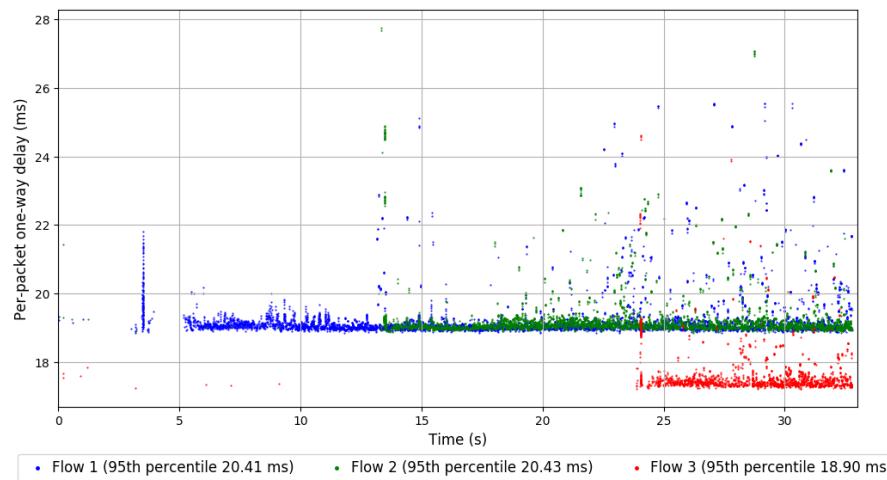
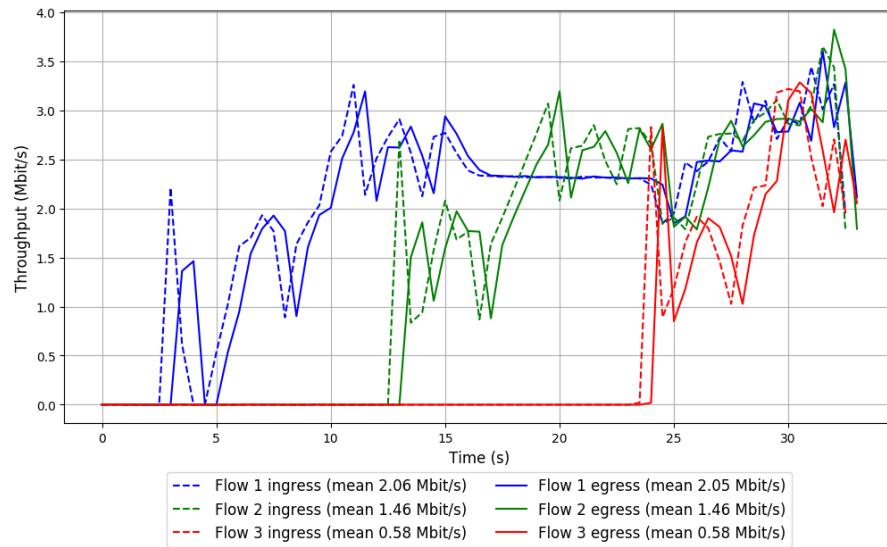


```
Run 5: Statistics of WebRTC media

Start at: 2018-08-09 10:34:37
End at: 2018-08-09 10:35:07
Local clock offset: -0.579 ms
Remote clock offset: 0.198 ms

# Below is generated by plot.py at 2018-08-09 15:49:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.07 Mbit/s
95th percentile per-packet one-way delay: 20.230 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 20.411 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 20.433 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 18.896 ms
Loss rate: 0.10%
```

Run 5: Report of WebRTC media — Data Link

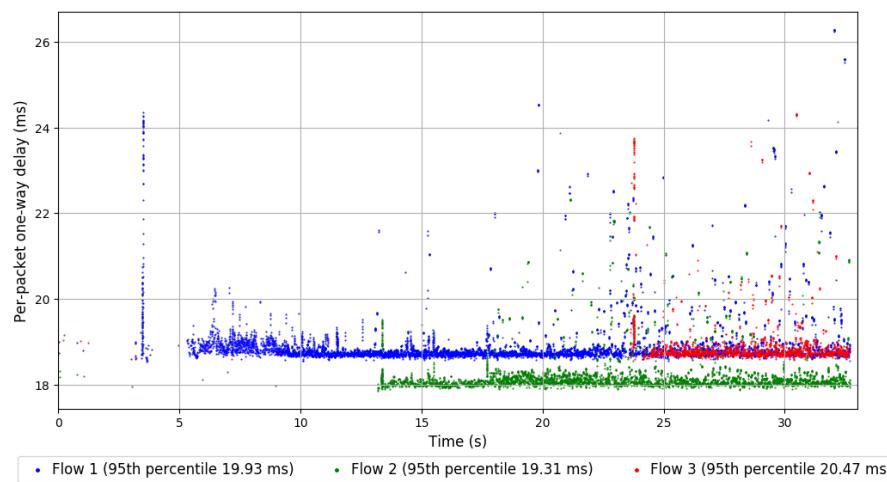
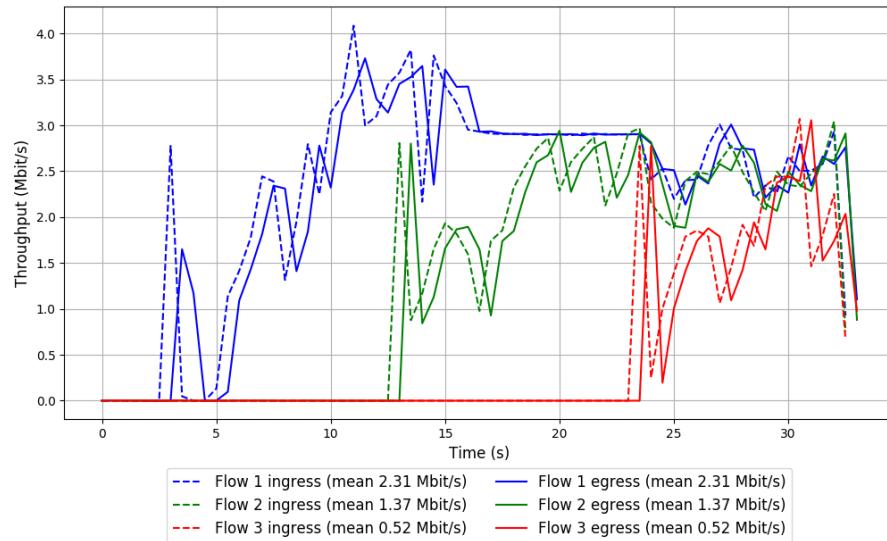


Run 6: Statistics of WebRTC media

```
Start at: 2018-08-09 11:02:22
End at: 2018-08-09 11:02:52
Local clock offset: -0.584 ms
Remote clock offset: -0.826 ms

# Below is generated by plot.py at 2018-08-09 15:49:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.20 Mbit/s
95th percentile per-packet one-way delay: 19.816 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 19.926 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 1.37 Mbit/s
95th percentile per-packet one-way delay: 19.312 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.52 Mbit/s
95th percentile per-packet one-way delay: 20.473 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link

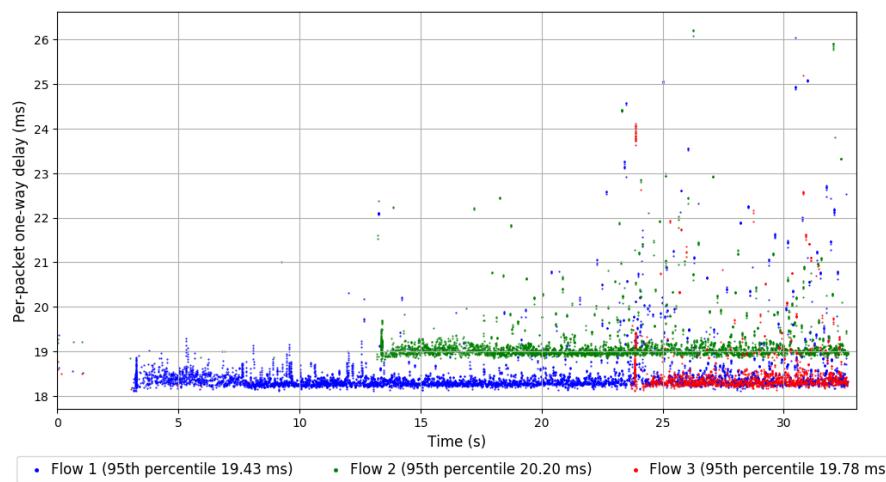
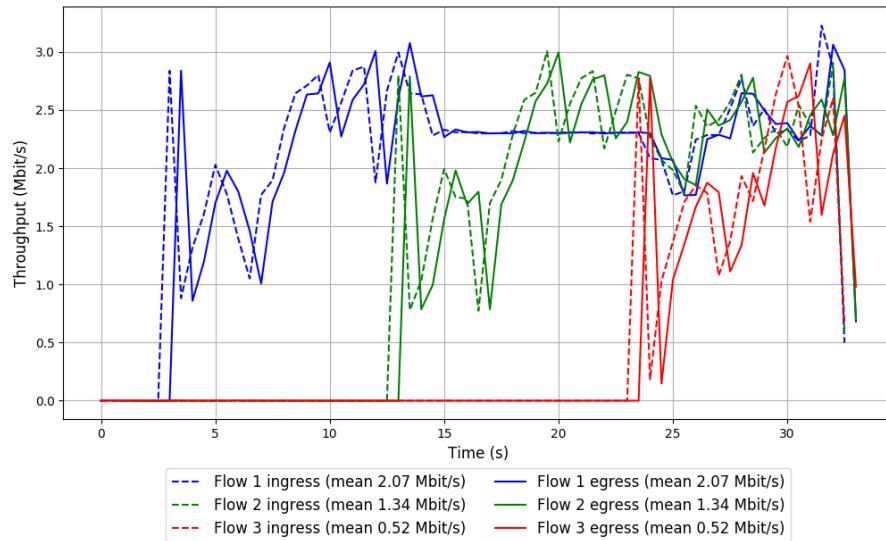


Run 7: Statistics of WebRTC media

```
Start at: 2018-08-09 11:29:54
End at: 2018-08-09 11:30:24
Local clock offset: 2.461 ms
Remote clock offset: 0.373 ms

# Below is generated by plot.py at 2018-08-09 15:49:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.93 Mbit/s
95th percentile per-packet one-way delay: 19.805 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.07 Mbit/s
95th percentile per-packet one-way delay: 19.435 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.34 Mbit/s
95th percentile per-packet one-way delay: 20.199 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.52 Mbit/s
95th percentile per-packet one-way delay: 19.781 ms
Loss rate: 0.00%
```

Run 7: Report of WebRTC media — Data Link

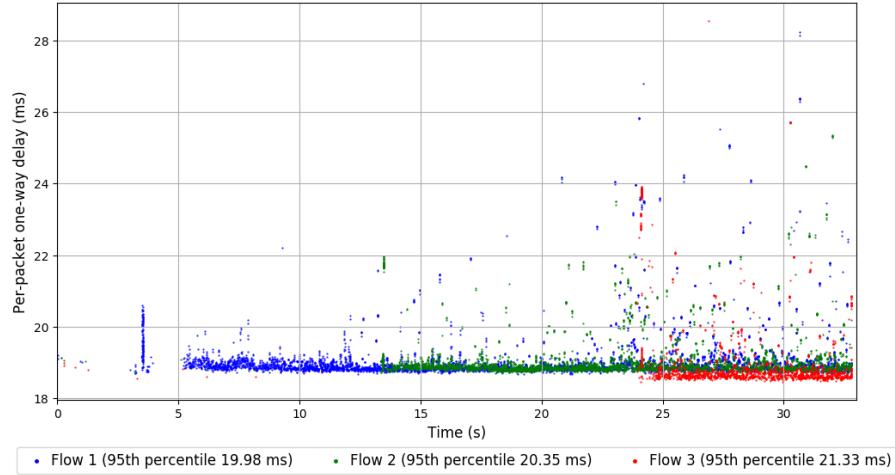
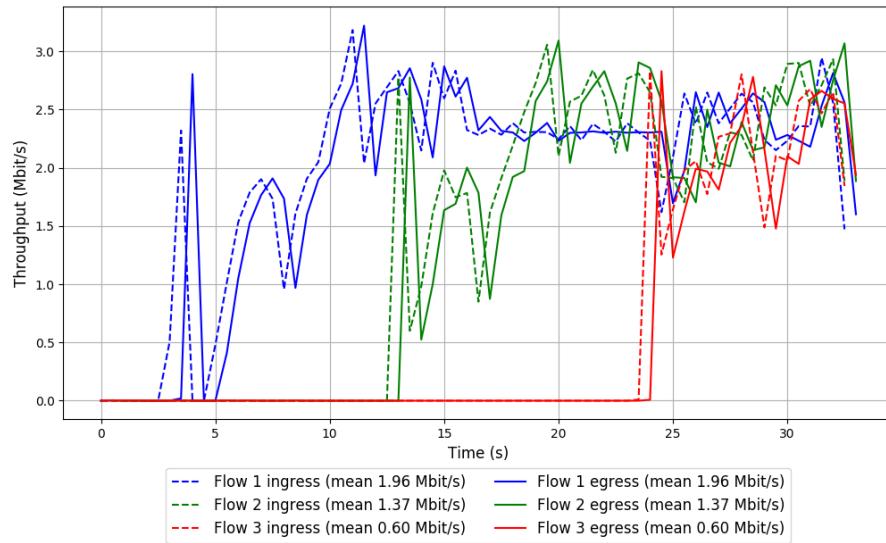


Run 8: Statistics of WebRTC media

```
Start at: 2018-08-09 11:57:25
End at: 2018-08-09 11:57:55
Local clock offset: 0.816 ms
Remote clock offset: -0.177 ms

# Below is generated by plot.py at 2018-08-09 15:49:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.91 Mbit/s
95th percentile per-packet one-way delay: 20.228 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.96 Mbit/s
95th percentile per-packet one-way delay: 19.976 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.37 Mbit/s
95th percentile per-packet one-way delay: 20.353 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 21.326 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

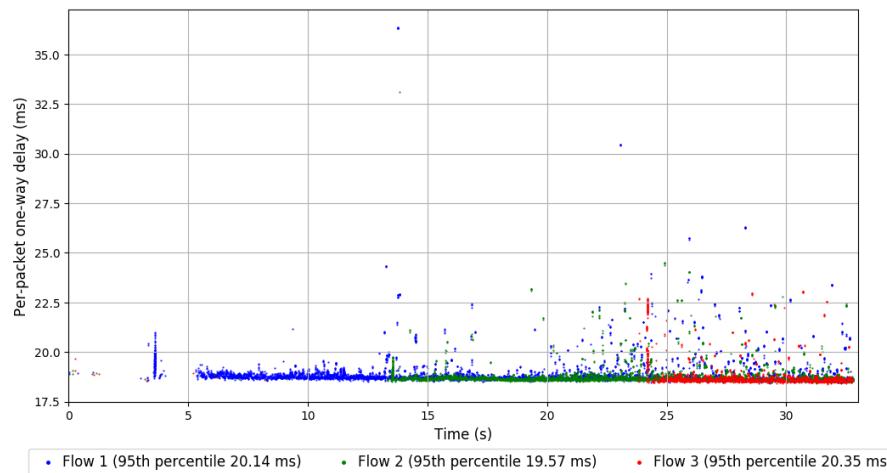
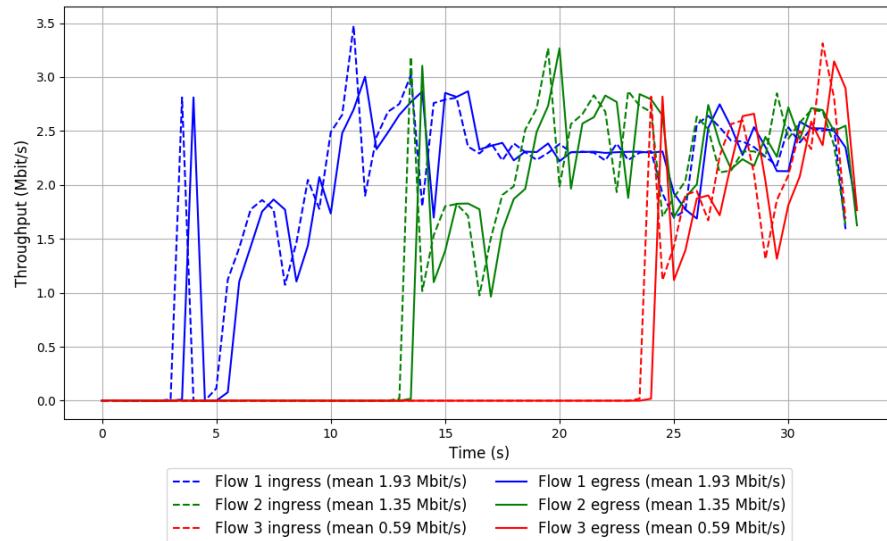


Run 9: Statistics of WebRTC media

```
Start at: 2018-08-09 12:24:43
End at: 2018-08-09 12:25:13
Local clock offset: -2.333 ms
Remote clock offset: 1.656 ms

# Below is generated by plot.py at 2018-08-09 15:49:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.86 Mbit/s
95th percentile per-packet one-way delay: 19.989 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.93 Mbit/s
95th percentile per-packet one-way delay: 20.144 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.35 Mbit/s
95th percentile per-packet one-way delay: 19.567 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.59 Mbit/s
95th percentile per-packet one-way delay: 20.351 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

```
Start at: 2018-08-09 12:52:05
End at: 2018-08-09 12:52:35
Local clock offset: -0.145 ms
Remote clock offset: 3.49 ms

# Below is generated by plot.py at 2018-08-09 15:49:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.18 Mbit/s
95th percentile per-packet one-way delay: 20.587 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 20.650 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 1.35 Mbit/s
95th percentile per-packet one-way delay: 20.682 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 20.381 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

