

## Pantheon Report

Generated at 2018-05-24 17:45:06 (UTC).

Data path: AWS California 2 Ethernet (*local*) → Mexico Ethernet (*remote*).

Repeated the test of 16 congestion control schemes 10 times.

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

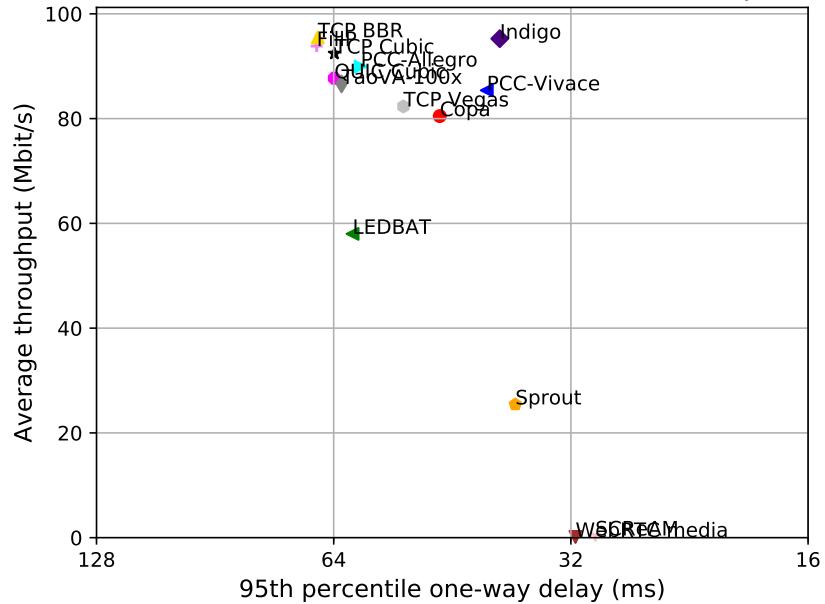
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

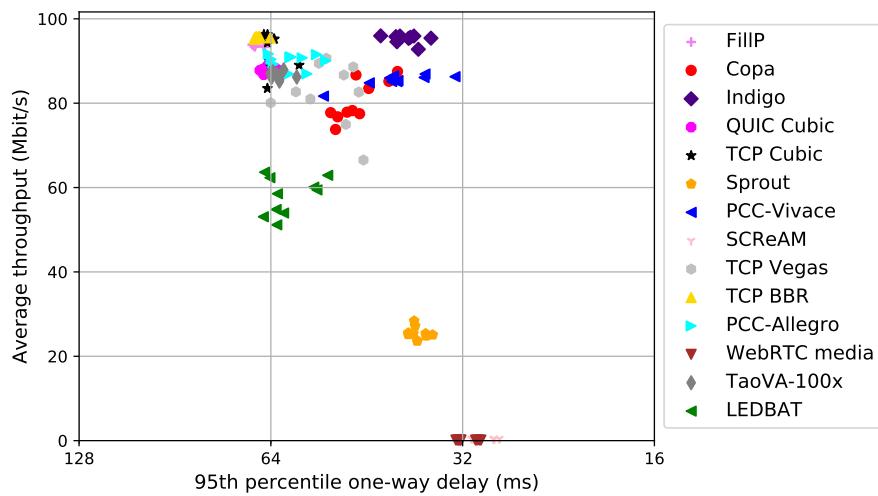
Git summary:

```
branch: master @ 0088822873ea99180f63545a341ef069f40efe59
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/genericCC @ c7966e494a929986eaa5a9c169a7f381fe1bbbe5
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eab4a906ce6bb7cf3cf
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
third_party/sprout @ c838669682f0c19f6baf92afc9a596a406d48c1f
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

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



test from AWS California 2 to Mexico, 10 runs of 30s each per scheme  
 3 flows with 10s interval between flows



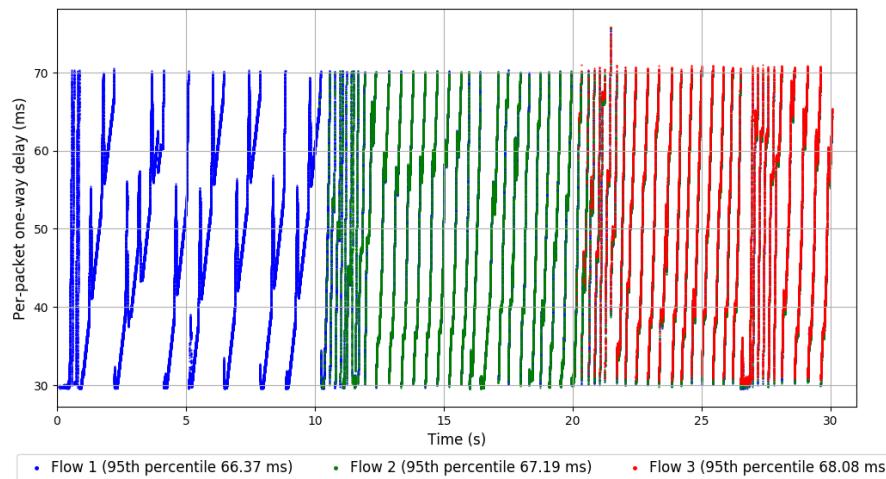
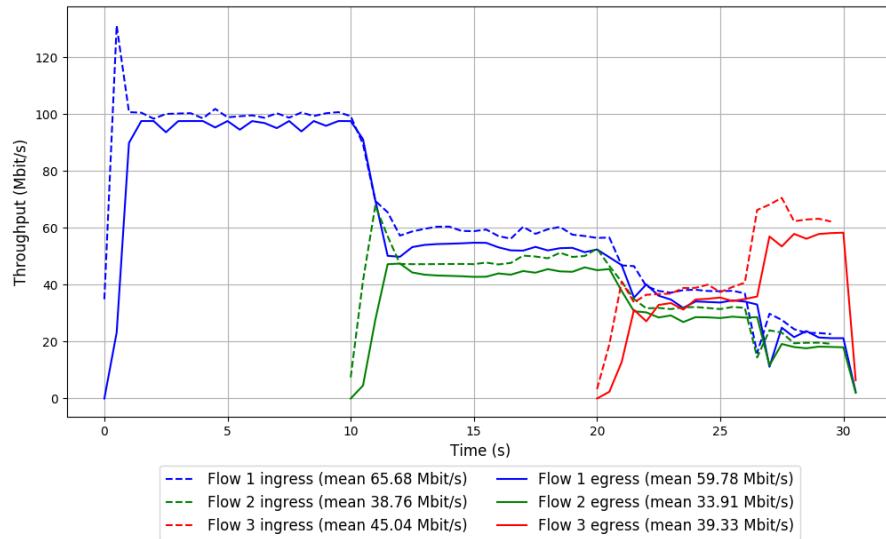
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	62.57	36.44	26.59	66.59	67.59	67.89	8.33	11.41	12.40
Copa	10	56.65	25.03	21.54	49.21	42.85	43.34	0.57	0.28	0.42
TCP Cubic	10	60.78	31.73	31.59	64.09	61.02	58.11	0.61	0.56	0.59
FillP	10	59.62	36.99	29.58	66.86	67.73	67.95	20.87	32.98	37.79
Indigo	10	68.03	26.25	29.96	38.38	41.64	41.41	0.14	0.23	0.25
LEDBAT	10	34.46	25.68	19.62	58.57	61.29	56.14	0.20	0.26	0.25
PCC-Allegro	10	79.56	10.85	9.58	58.80	60.98	61.47	2.57	2.92	4.57
PCC-Expr	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
QUIC Cubic	10	63.59	24.31	24.16	62.68	64.61	65.32	1.60	0.73	0.74
SCReAM	10	0.21	0.21	0.22	29.63	29.54	29.41	0.06	0.05	0.04
Sprout	10	12.79	13.01	12.09	36.53	38.15	38.11	0.16	0.09	0.07
TaoVA-100x	10	52.29	39.13	25.45	60.17	63.80	64.37	14.45	25.33	18.52
TCP Vegas	10	44.87	37.41	37.73	48.20	48.00	42.84	0.80	0.35	0.27
Verus	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCC-Vivace	10	64.39	24.91	13.43	40.20	41.90	45.92	0.23	0.24	0.32
WebRTC media	10	0.05	0.04	0.05	31.04	31.53	31.82	0.00	0.00	0.00

Run 1: Statistics of TCP BBR

```
Start at: 2018-05-24 13:55:21
End at: 2018-05-24 13:55:51
Local clock offset: 1.823 ms
Remote clock offset: 2.969 ms

# Below is generated by plot.py at 2018-05-24 17:27:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.45 Mbit/s
95th percentile per-packet one-way delay: 66.845 ms
Loss rate: 10.25%
-- Flow 1:
Average throughput: 59.78 Mbit/s
95th percentile per-packet one-way delay: 66.371 ms
Loss rate: 8.88%
-- Flow 2:
Average throughput: 33.91 Mbit/s
95th percentile per-packet one-way delay: 67.187 ms
Loss rate: 12.50%
-- Flow 3:
Average throughput: 39.33 Mbit/s
95th percentile per-packet one-way delay: 68.083 ms
Loss rate: 12.38%
```

## Run 1: Report of TCP BBR — Data Link

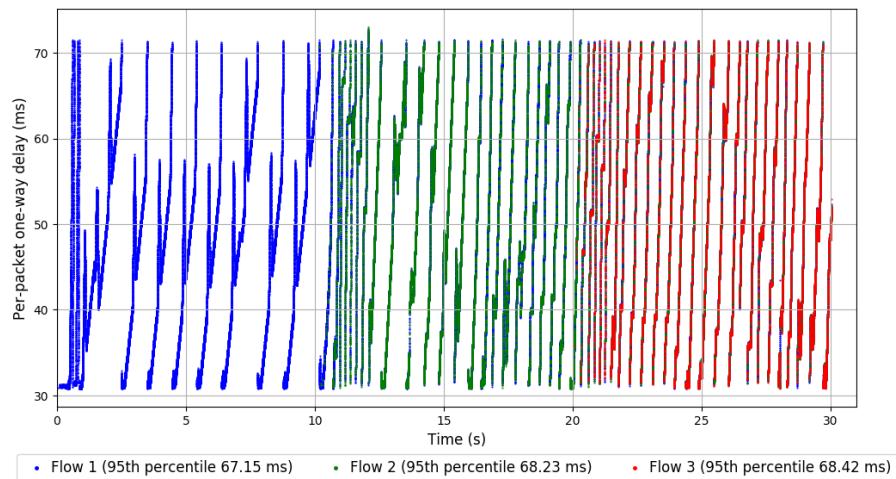
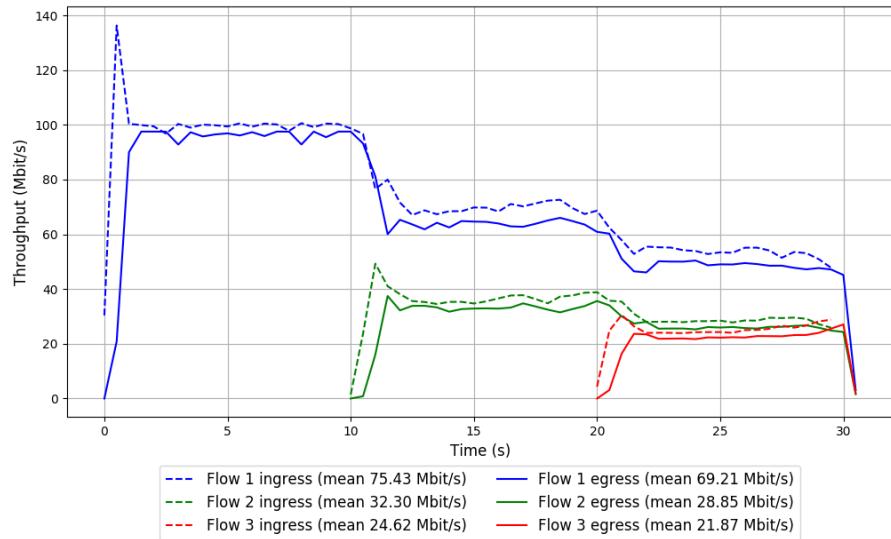


Run 2: Statistics of TCP BBR

```
Start at: 2018-05-24 14:16:37
End at: 2018-05-24 14:17:07
Local clock offset: -0.13 ms
Remote clock offset: 3.614 ms

# Below is generated by plot.py at 2018-05-24 17:27:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 67.562 ms
Loss rate: 8.93%
-- Flow 1:
Average throughput: 69.21 Mbit/s
95th percentile per-packet one-way delay: 67.149 ms
Loss rate: 8.19%
-- Flow 2:
Average throughput: 28.85 Mbit/s
95th percentile per-packet one-way delay: 68.228 ms
Loss rate: 10.73%
-- Flow 3:
Average throughput: 21.87 Mbit/s
95th percentile per-packet one-way delay: 68.417 ms
Loss rate: 11.01%
```

## Run 2: Report of TCP BBR — Data Link

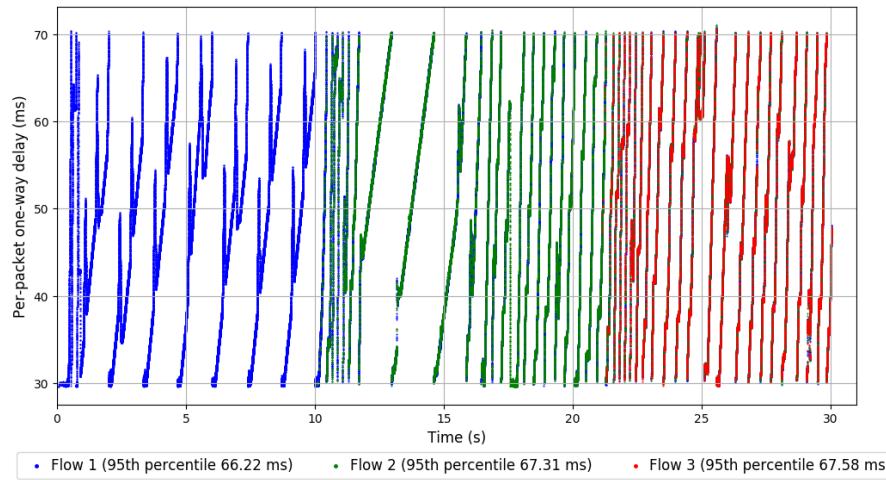
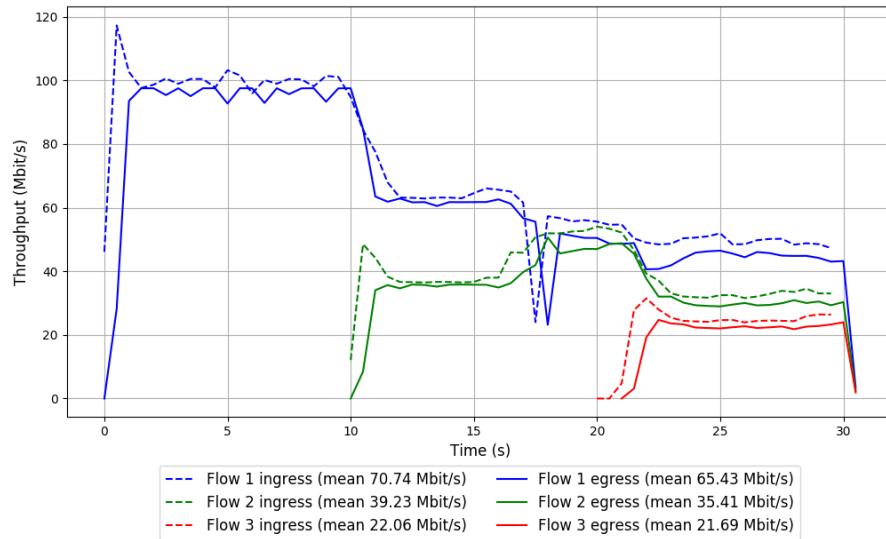


Run 3: Statistics of TCP BBR

```
Start at: 2018-05-24 14:37:53
End at: 2018-05-24 14:38:23
Local clock offset: -0.574 ms
Remote clock offset: 3.595 ms

# Below is generated by plot.py at 2018-05-24 17:27:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.51 Mbit/s
95th percentile per-packet one-way delay: 66.696 ms
Loss rate: 8.30%
-- Flow 1:
Average throughput: 65.43 Mbit/s
95th percentile per-packet one-way delay: 66.221 ms
Loss rate: 7.45%
-- Flow 2:
Average throughput: 35.41 Mbit/s
95th percentile per-packet one-way delay: 67.315 ms
Loss rate: 9.67%
-- Flow 3:
Average throughput: 21.69 Mbit/s
95th percentile per-packet one-way delay: 67.585 ms
Loss rate: 11.52%
```

### Run 3: Report of TCP BBR — Data Link

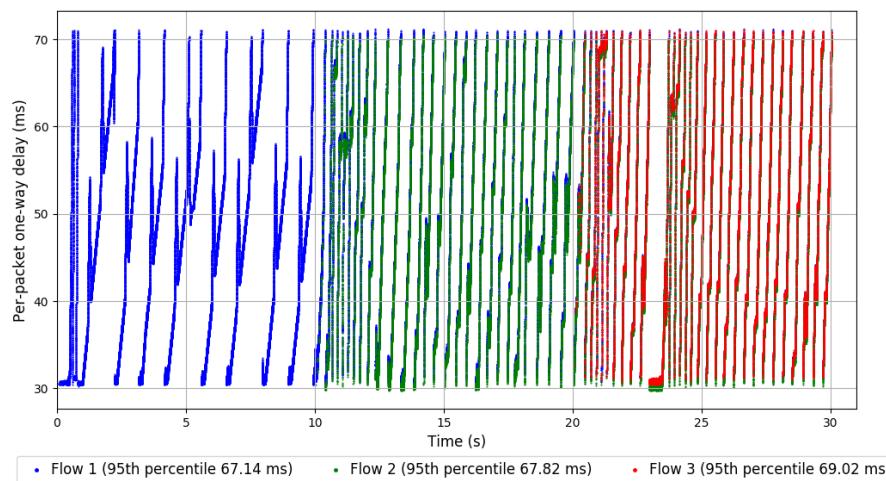
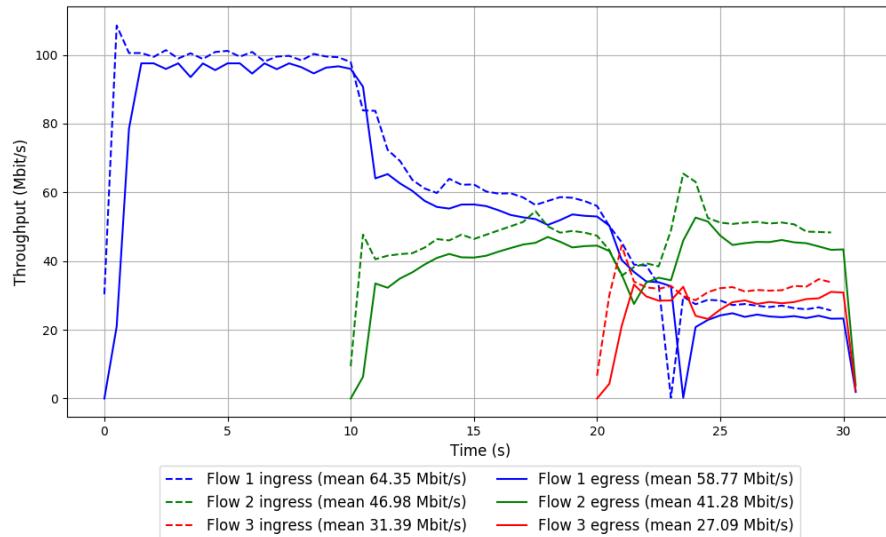


Run 4: Statistics of TCP BBR

```
Start at: 2018-05-24 14:59:08
End at: 2018-05-24 14:59:38
Local clock offset: -0.477 ms
Remote clock offset: 3.973 ms

# Below is generated by plot.py at 2018-05-24 17:27:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.30 Mbit/s
95th percentile per-packet one-way delay: 67.620 ms
Loss rate: 10.09%
-- Flow 1:
Average throughput: 58.77 Mbit/s
95th percentile per-packet one-way delay: 67.141 ms
Loss rate: 8.60%
-- Flow 2:
Average throughput: 41.28 Mbit/s
95th percentile per-packet one-way delay: 67.817 ms
Loss rate: 12.02%
-- Flow 3:
Average throughput: 27.09 Mbit/s
95th percentile per-packet one-way delay: 69.018 ms
Loss rate: 13.51%
```

## Run 4: Report of TCP BBR — Data Link

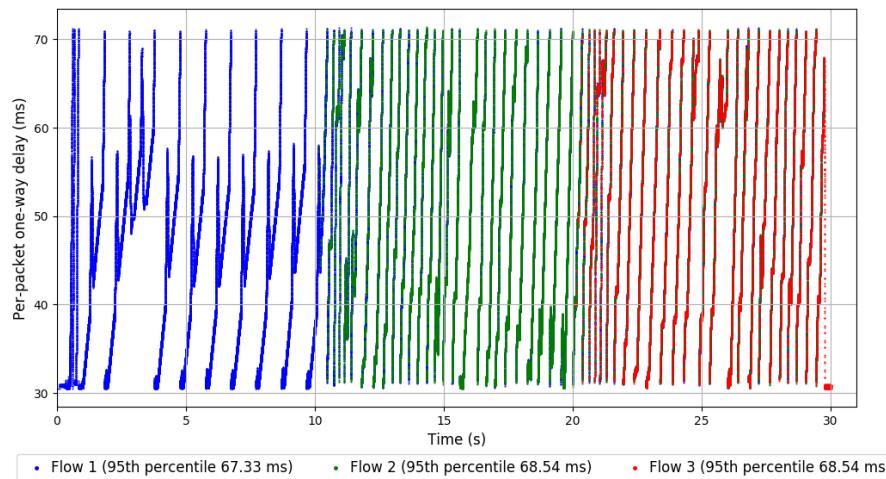
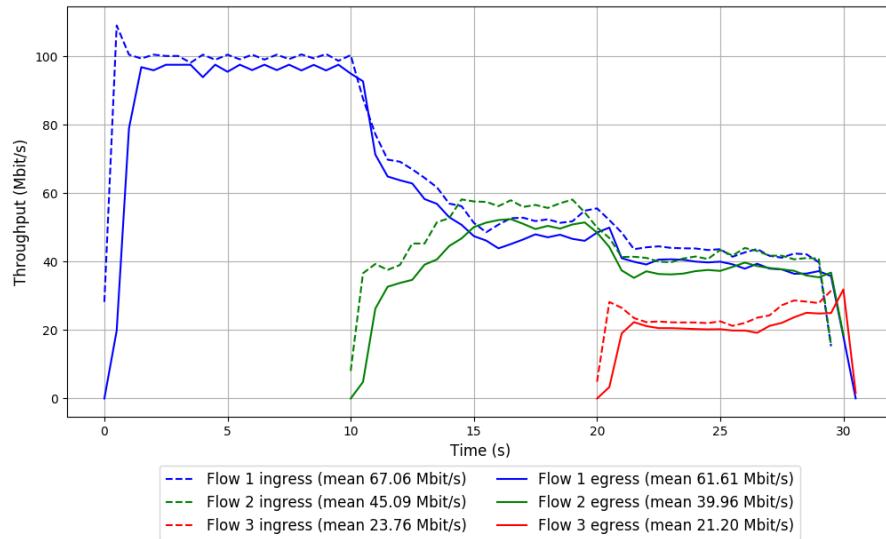


Run 5: Statistics of TCP BBR

```
Start at: 2018-05-24 15:20:27
End at: 2018-05-24 15:20:57
Local clock offset: 0.228 ms
Remote clock offset: 4.351 ms

# Below is generated by plot.py at 2018-05-24 17:27:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.17 Mbit/s
95th percentile per-packet one-way delay: 67.865 ms
Loss rate: 9.28%
-- Flow 1:
Average throughput: 61.61 Mbit/s
95th percentile per-packet one-way delay: 67.326 ms
Loss rate: 8.13%
-- Flow 2:
Average throughput: 39.96 Mbit/s
95th percentile per-packet one-way delay: 68.538 ms
Loss rate: 11.41%
-- Flow 3:
Average throughput: 21.20 Mbit/s
95th percentile per-packet one-way delay: 68.538 ms
Loss rate: 10.87%
```

## Run 5: Report of TCP BBR — Data Link

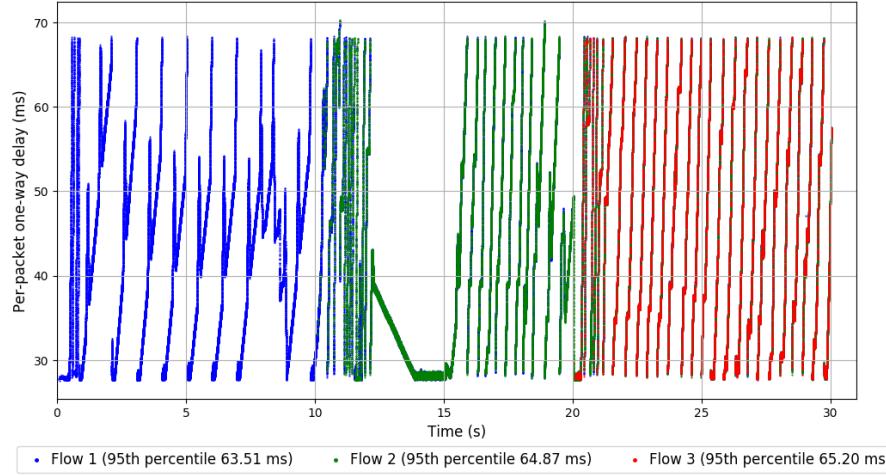
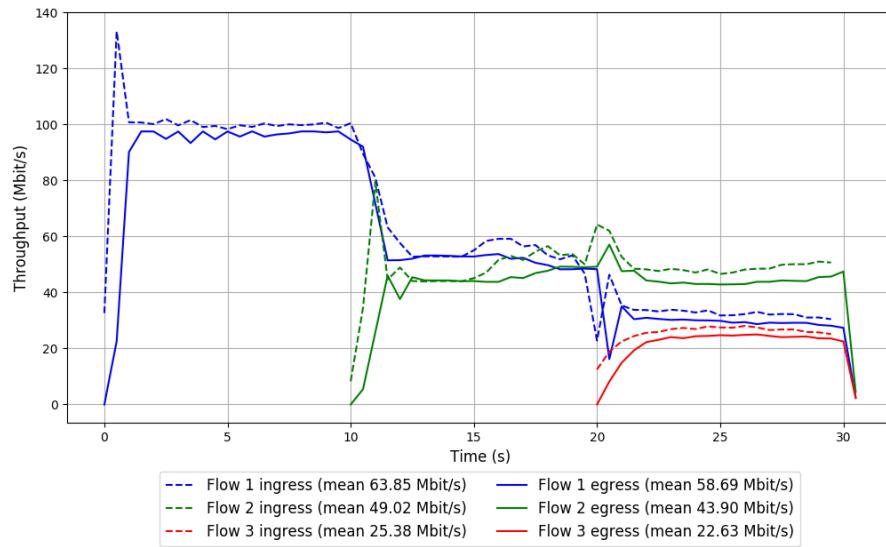


Run 6: Statistics of TCP BBR

```
Start at: 2018-05-24 15:41:43
End at: 2018-05-24 15:42:13
Local clock offset: 0.412 ms
Remote clock offset: 1.636 ms

# Below is generated by plot.py at 2018-05-24 17:27:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.48 Mbit/s
95th percentile per-packet one-way delay: 64.162 ms
Loss rate: 8.93%
-- Flow 1:
Average throughput: 58.69 Mbit/s
95th percentile per-packet one-way delay: 63.510 ms
Loss rate: 7.99%
-- Flow 2:
Average throughput: 43.90 Mbit/s
95th percentile per-packet one-way delay: 64.872 ms
Loss rate: 10.33%
-- Flow 3:
Average throughput: 22.63 Mbit/s
95th percentile per-packet one-way delay: 65.201 ms
Loss rate: 10.62%
```

## Run 6: Report of TCP BBR — Data Link

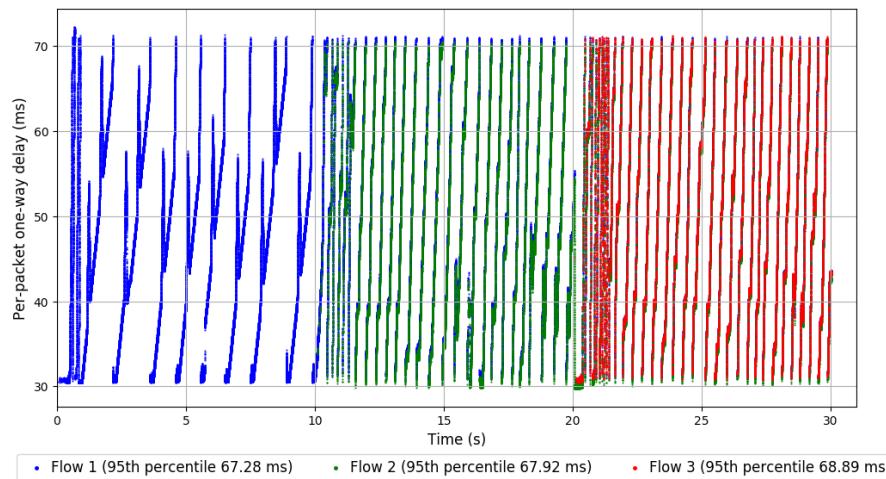
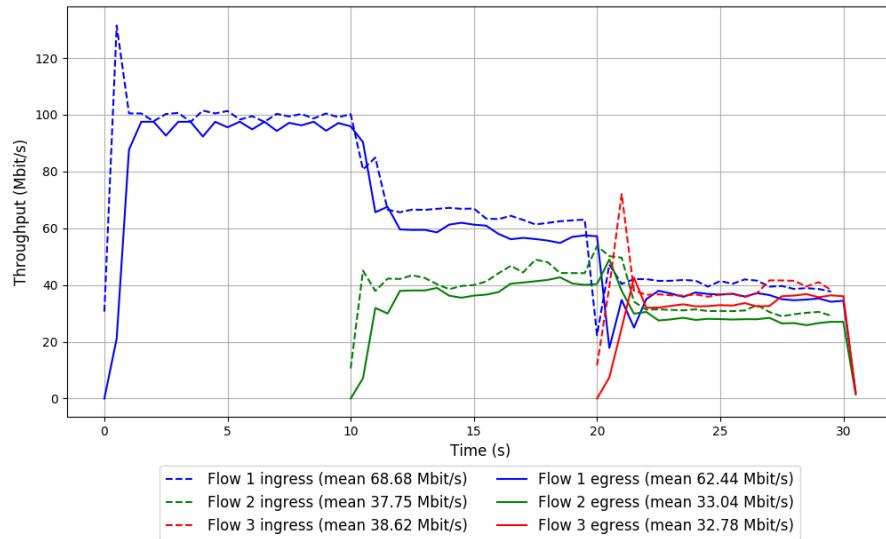


Run 7: Statistics of TCP BBR

```
Start at: 2018-05-24 16:02:59
End at: 2018-05-24 16:03:29
Local clock offset: 0.146 ms
Remote clock offset: 3.539 ms

# Below is generated by plot.py at 2018-05-24 17:27:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.34 Mbit/s
95th percentile per-packet one-way delay: 67.661 ms
Loss rate: 10.58%
-- Flow 1:
Average throughput: 62.44 Mbit/s
95th percentile per-packet one-way delay: 67.285 ms
Loss rate: 9.04%
-- Flow 2:
Average throughput: 33.04 Mbit/s
95th percentile per-packet one-way delay: 67.923 ms
Loss rate: 12.45%
-- Flow 3:
Average throughput: 32.78 Mbit/s
95th percentile per-packet one-way delay: 68.885 ms
Loss rate: 15.12%
```

### Run 7: Report of TCP BBR — Data Link

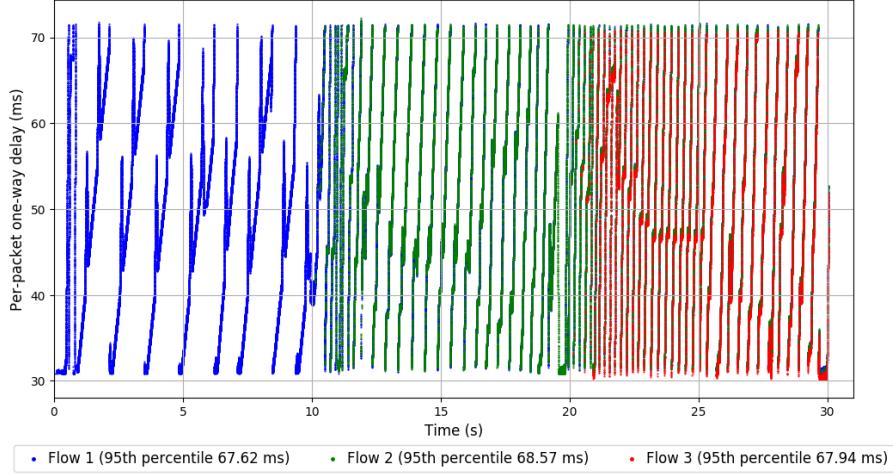
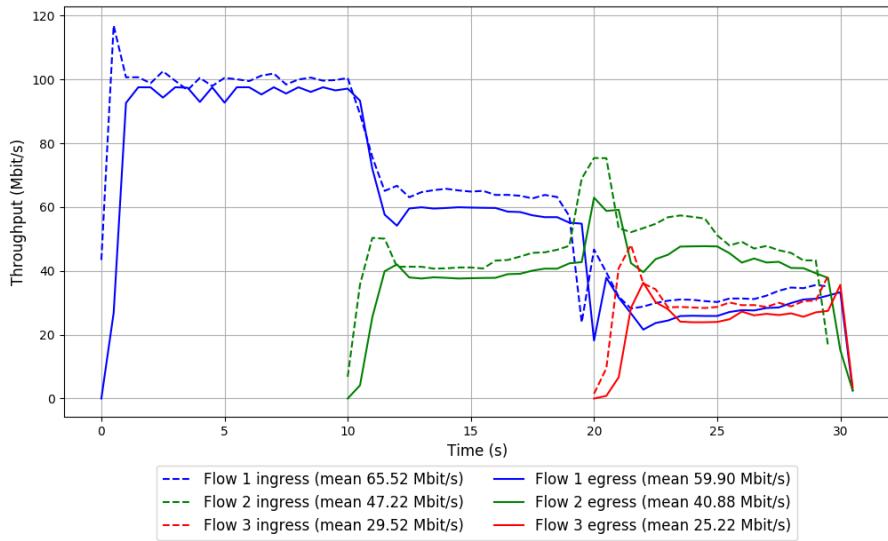


Run 8: Statistics of TCP BBR

```
Start at: 2018-05-24 16:24:14
End at: 2018-05-24 16:24:44
Local clock offset: -0.047 ms
Remote clock offset: 3.691 ms

# Below is generated by plot.py at 2018-05-24 17:27:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.51 Mbit/s
95th percentile per-packet one-way delay: 67.846 ms
Loss rate: 10.50%
-- Flow 1:
Average throughput: 59.90 Mbit/s
95th percentile per-packet one-way delay: 67.621 ms
Loss rate: 8.51%
-- Flow 2:
Average throughput: 40.88 Mbit/s
95th percentile per-packet one-way delay: 68.570 ms
Loss rate: 13.38%
-- Flow 3:
Average throughput: 25.22 Mbit/s
95th percentile per-packet one-way delay: 67.944 ms
Loss rate: 14.58%
```

## Run 8: Report of TCP BBR — Data Link

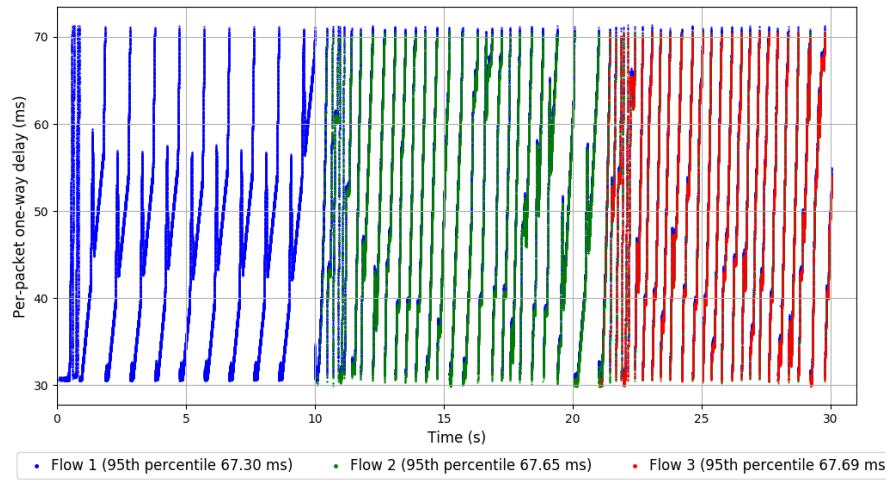
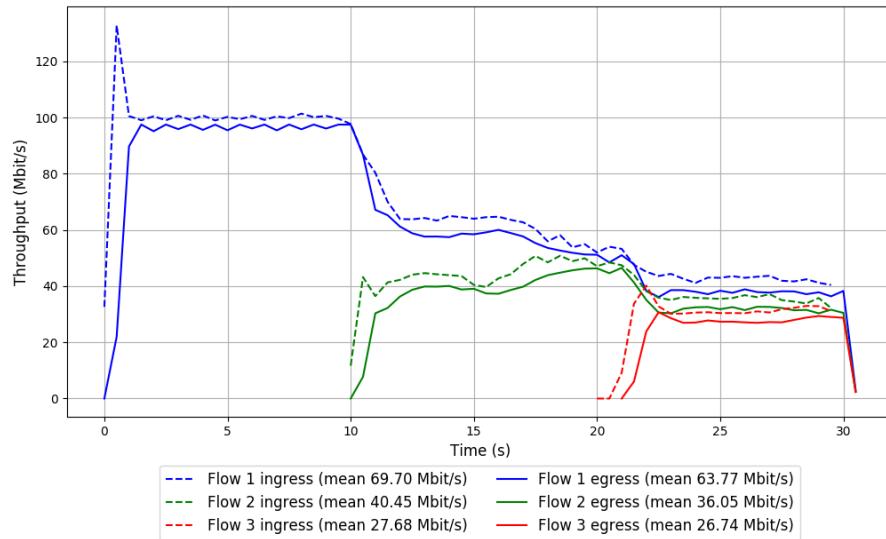


Run 9: Statistics of TCP BBR

```
Start at: 2018-05-24 16:45:28
End at: 2018-05-24 16:45:58
Local clock offset: 0.206 ms
Remote clock offset: 3.216 ms

# Below is generated by plot.py at 2018-05-24 17:28:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 67.443 ms
Loss rate: 9.42%
-- Flow 1:
Average throughput: 63.77 Mbit/s
95th percentile per-packet one-way delay: 67.304 ms
Loss rate: 8.43%
-- Flow 2:
Average throughput: 36.05 Mbit/s
95th percentile per-packet one-way delay: 67.652 ms
Loss rate: 10.77%
-- Flow 3:
Average throughput: 26.74 Mbit/s
95th percentile per-packet one-way delay: 67.692 ms
Loss rate: 12.89%
```

Run 9: Report of TCP BBR — Data Link

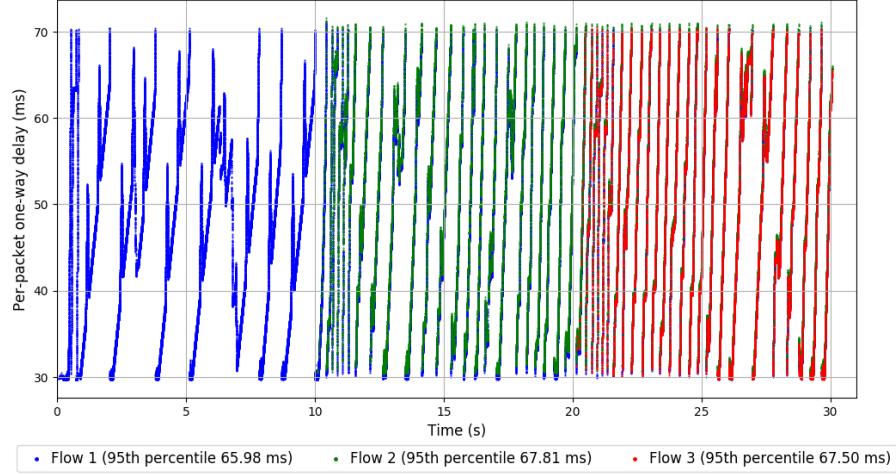
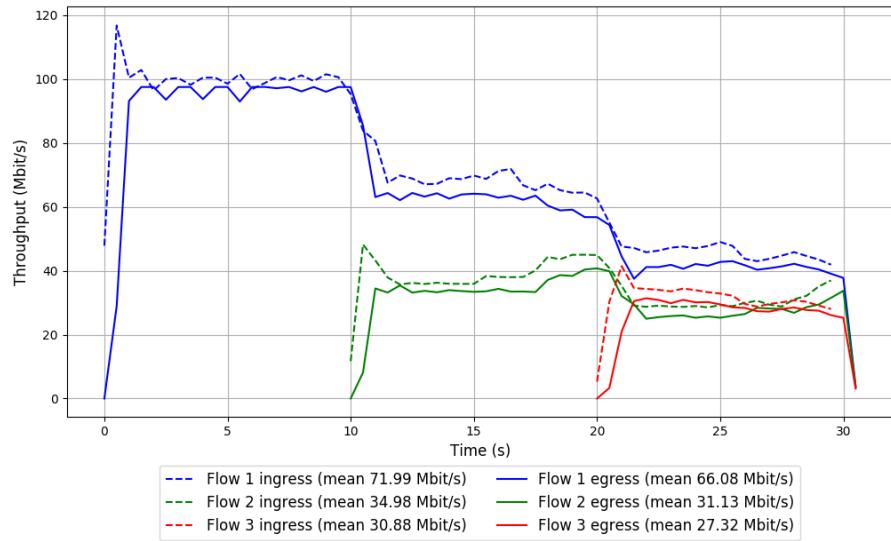


Run 10: Statistics of TCP BBR

```
Start at: 2018-05-24 17:06:44
End at: 2018-05-24 17:07:14
Local clock offset: 0.159 ms
Remote clock offset: 2.525 ms

# Below is generated by plot.py at 2018-05-24 17:28:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.89 Mbit/s
95th percentile per-packet one-way delay: 66.723 ms
Loss rate: 9.07%
-- Flow 1:
Average throughput: 66.08 Mbit/s
95th percentile per-packet one-way delay: 65.981 ms
Loss rate: 8.13%
-- Flow 2:
Average throughput: 31.13 Mbit/s
95th percentile per-packet one-way delay: 67.812 ms
Loss rate: 10.86%
-- Flow 3:
Average throughput: 27.32 Mbit/s
95th percentile per-packet one-way delay: 67.502 ms
Loss rate: 11.55%
```

## Run 10: Report of TCP BBR — Data Link

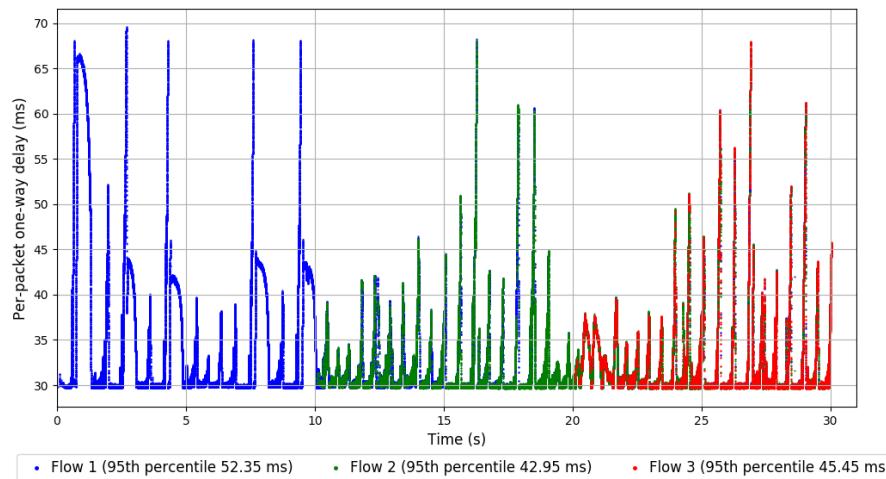
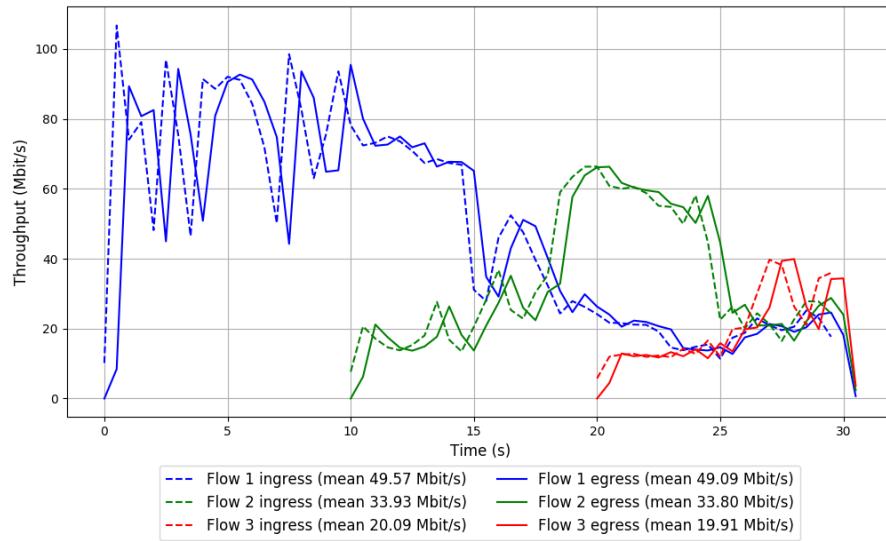


Run 1: Statistics of Copa

```
Start at: 2018-05-24 14:08:41
End at: 2018-05-24 14:09:11
Local clock offset: 0.259 ms
Remote clock offset: 3.08 ms

# Below is generated by plot.py at 2018-05-24 17:29:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.25 Mbit/s
95th percentile per-packet one-way delay: 47.670 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 49.09 Mbit/s
95th percentile per-packet one-way delay: 52.353 ms
Loss rate: 0.92%
-- Flow 2:
Average throughput: 33.80 Mbit/s
95th percentile per-packet one-way delay: 42.946 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 19.91 Mbit/s
95th percentile per-packet one-way delay: 45.448 ms
Loss rate: 0.73%
```

Run 1: Report of Copa — Data Link

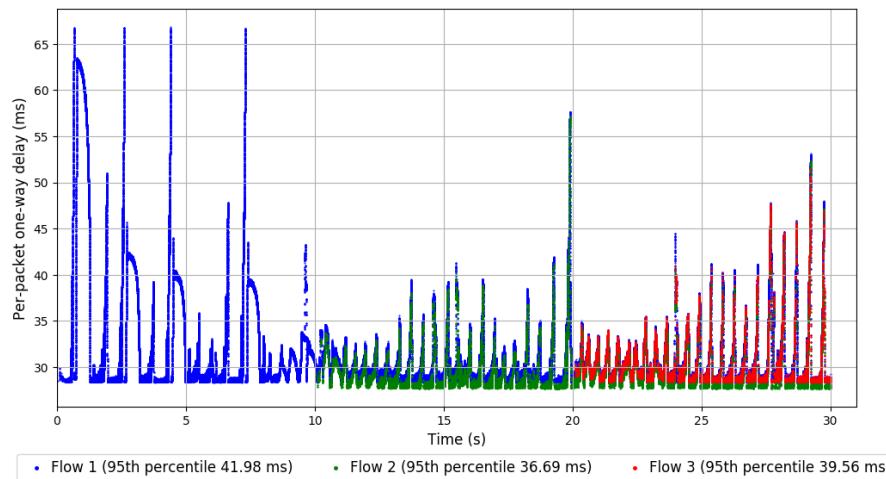
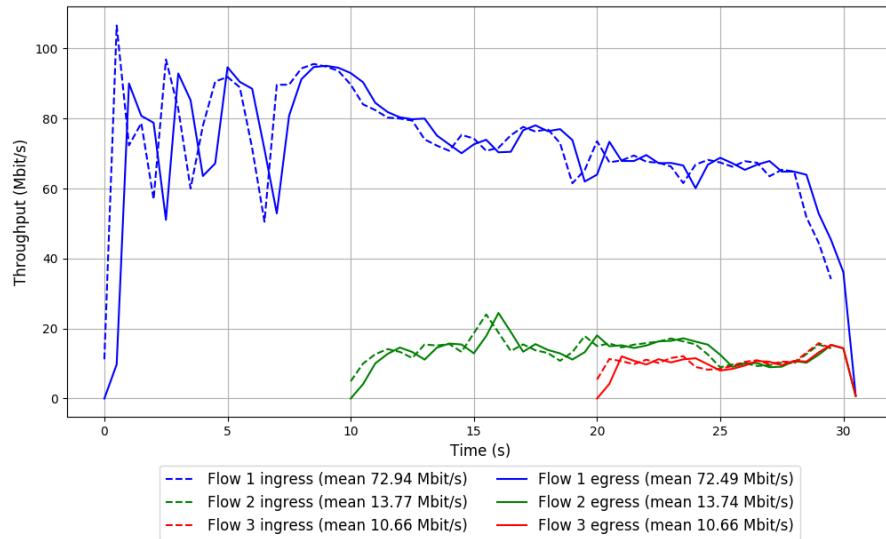


Run 2: Statistics of Copa

```
Start at: 2018-05-24 14:29:56
End at: 2018-05-24 14:30:26
Local clock offset: -0.56 ms
Remote clock offset: 1.355 ms

# Below is generated by plot.py at 2018-05-24 17:29:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.19 Mbit/s
95th percentile per-packet one-way delay: 41.780 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 72.49 Mbit/s
95th percentile per-packet one-way delay: 41.983 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 13.74 Mbit/s
95th percentile per-packet one-way delay: 36.686 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 10.66 Mbit/s
95th percentile per-packet one-way delay: 39.557 ms
Loss rate: 0.06%
```

## Run 2: Report of Copa — Data Link

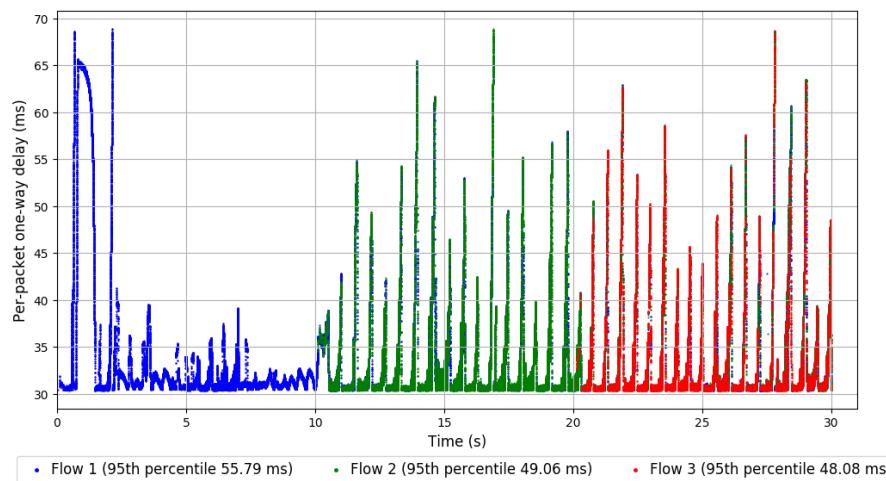
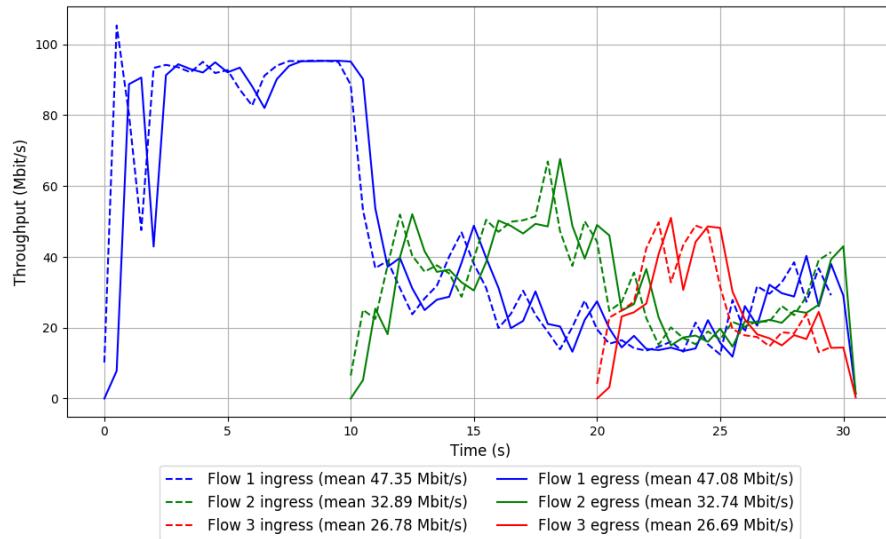


Run 3: Statistics of Copa

```
Start at: 2018-05-24 14:51:13
End at: 2018-05-24 14:51:43
Local clock offset: -0.89 ms
Remote clock offset: 3.895 ms

# Below is generated by plot.py at 2018-05-24 17:29:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.75 Mbit/s
95th percentile per-packet one-way delay: 51.558 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 47.08 Mbit/s
95th percentile per-packet one-way delay: 55.793 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 32.74 Mbit/s
95th percentile per-packet one-way delay: 49.057 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 26.69 Mbit/s
95th percentile per-packet one-way delay: 48.075 ms
Loss rate: 0.36%
```

### Run 3: Report of Copa — Data Link

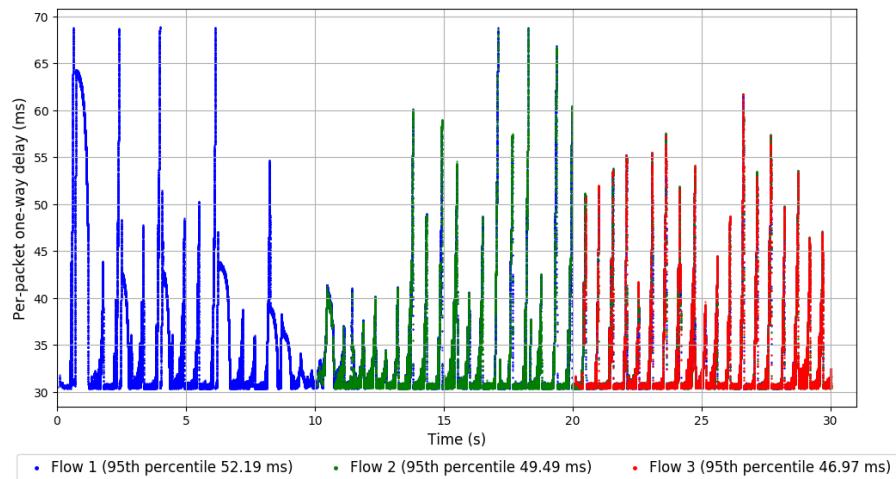
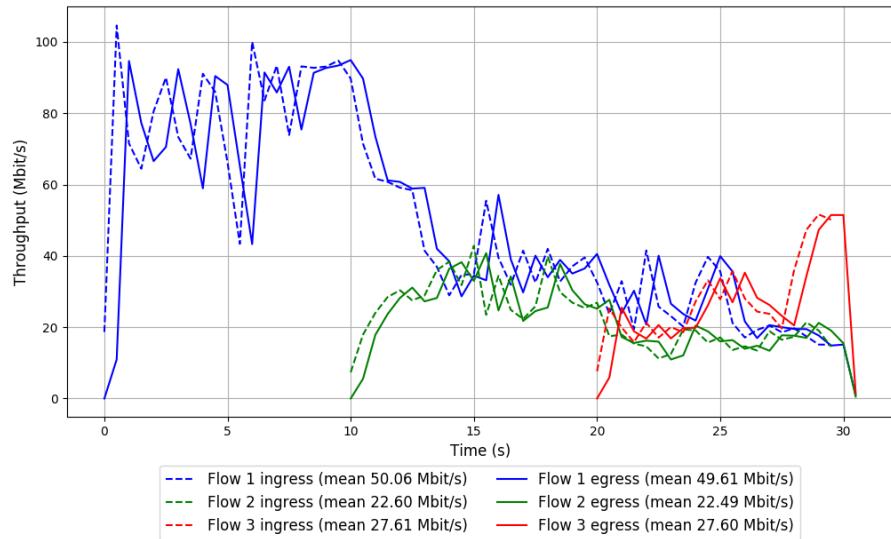


Run 4: Statistics of Copa

```
Start at: 2018-05-24 15:12:30
End at: 2018-05-24 15:13:00
Local clock offset: 0.216 ms
Remote clock offset: 4.204 ms

# Below is generated by plot.py at 2018-05-24 17:29:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 73.77 Mbit/s
95th percentile per-packet one-way delay: 50.656 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 49.61 Mbit/s
95th percentile per-packet one-way delay: 52.194 ms
Loss rate: 0.89%
-- Flow 2:
Average throughput: 22.49 Mbit/s
95th percentile per-packet one-way delay: 49.494 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 27.60 Mbit/s
95th percentile per-packet one-way delay: 46.972 ms
Loss rate: 0.01%
```

## Run 4: Report of Copa — Data Link

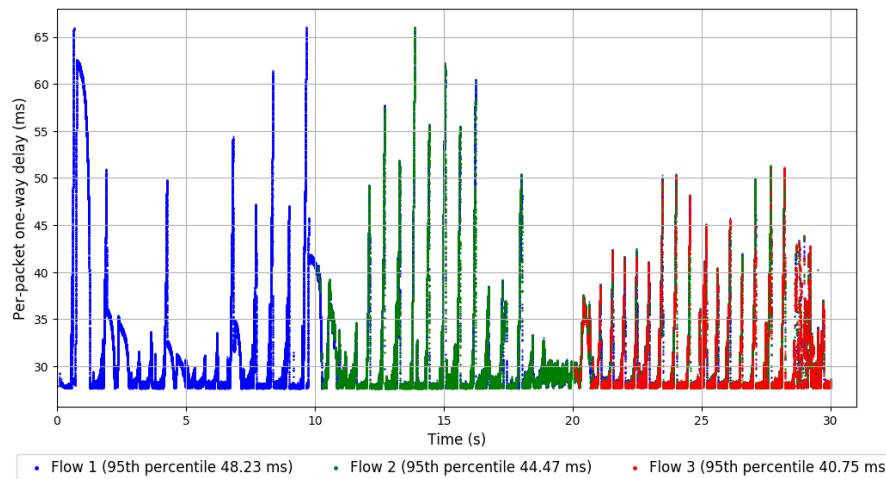
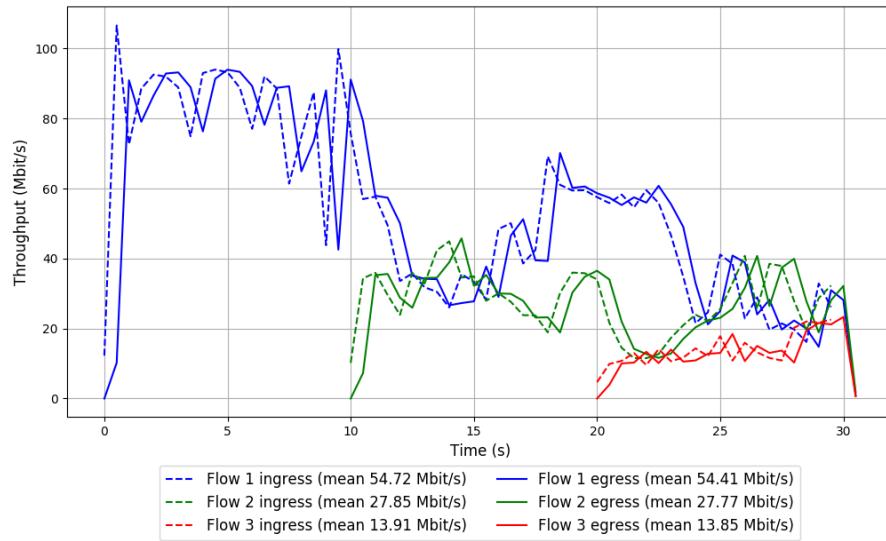


Run 5: Statistics of Copa

```
Start at: 2018-05-24 15:33:47
End at: 2018-05-24 15:34:17
Local clock offset: 0.397 ms
Remote clock offset: 2.636 ms

# Below is generated by plot.py at 2018-05-24 17:29:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.51 Mbit/s
95th percentile per-packet one-way delay: 46.438 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 54.41 Mbit/s
95th percentile per-packet one-way delay: 48.232 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 27.77 Mbit/s
95th percentile per-packet one-way delay: 44.473 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 13.85 Mbit/s
95th percentile per-packet one-way delay: 40.750 ms
Loss rate: 0.41%
```

## Run 5: Report of Copa — Data Link

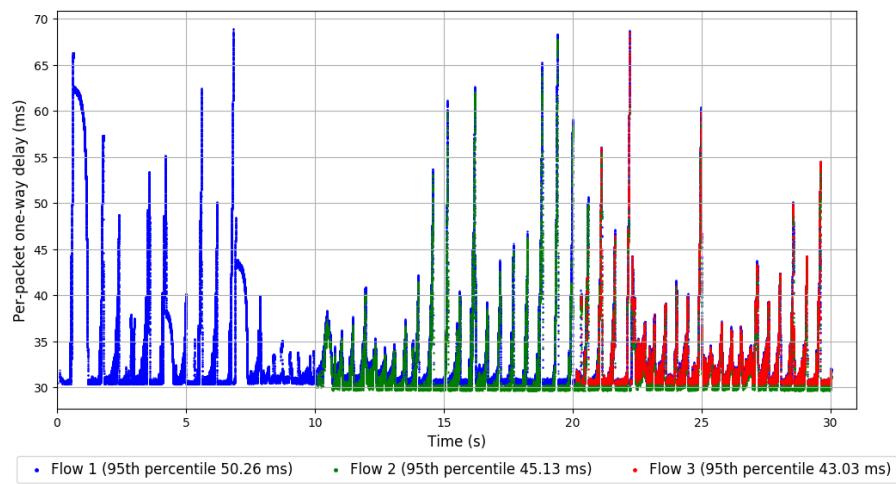
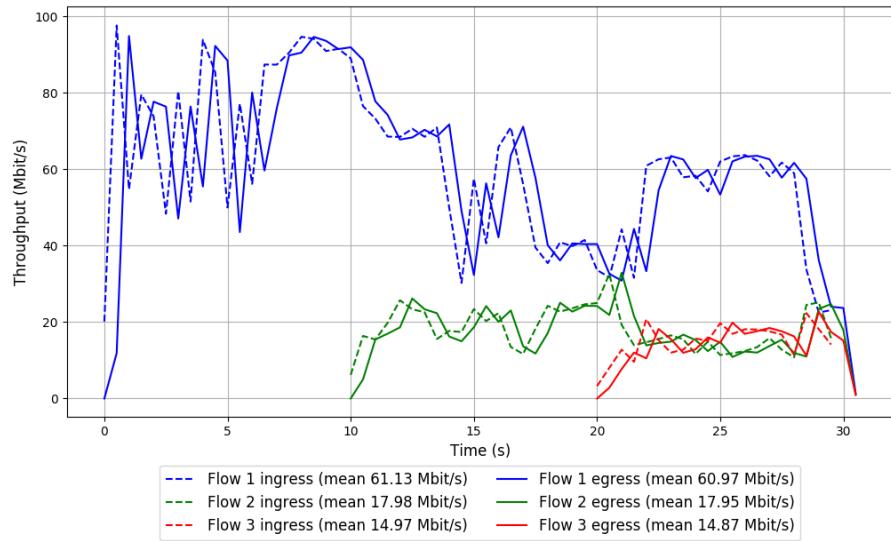


Run 6: Statistics of Copa

```
Start at: 2018-05-24 15:55:03
End at: 2018-05-24 15:55:33
Local clock offset: 0.392 ms
Remote clock offset: 3.432 ms

# Below is generated by plot.py at 2018-05-24 17:29:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.87 Mbit/s
95th percentile per-packet one-way delay: 48.597 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 60.97 Mbit/s
95th percentile per-packet one-way delay: 50.255 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 17.95 Mbit/s
95th percentile per-packet one-way delay: 45.126 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 14.87 Mbit/s
95th percentile per-packet one-way delay: 43.028 ms
Loss rate: 0.67%
```

## Run 6: Report of Copa — Data Link

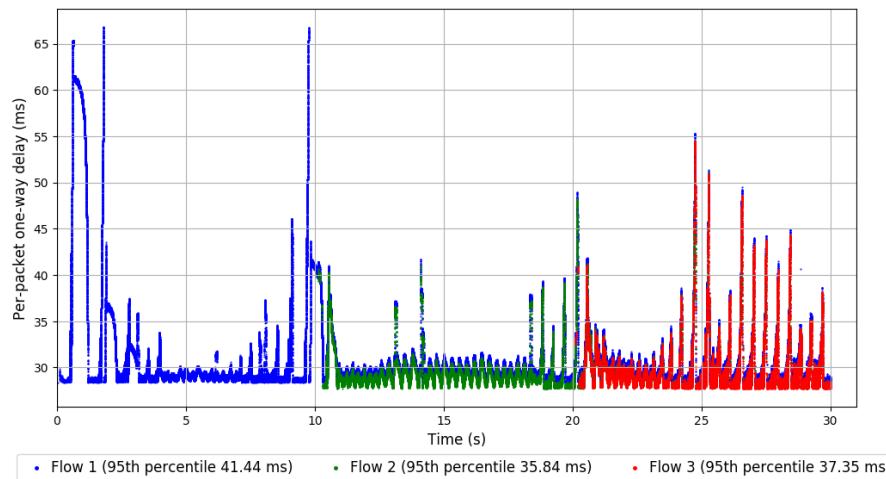
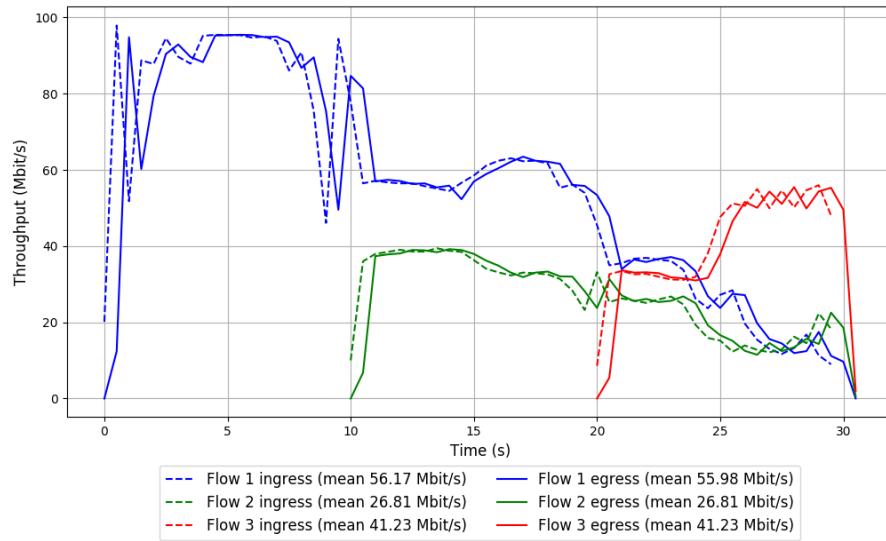


Run 7: Statistics of Copa

```
Start at: 2018-05-24 16:16:18
End at: 2018-05-24 16:16:48
Local clock offset: -0.084 ms
Remote clock offset: 1.214 ms

# Below is generated by plot.py at 2018-05-24 17:30:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.51 Mbit/s
95th percentile per-packet one-way delay: 40.494 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 55.98 Mbit/s
95th percentile per-packet one-way delay: 41.436 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 26.81 Mbit/s
95th percentile per-packet one-way delay: 35.845 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 41.23 Mbit/s
95th percentile per-packet one-way delay: 37.347 ms
Loss rate: 0.00%
```

## Run 7: Report of Copa — Data Link

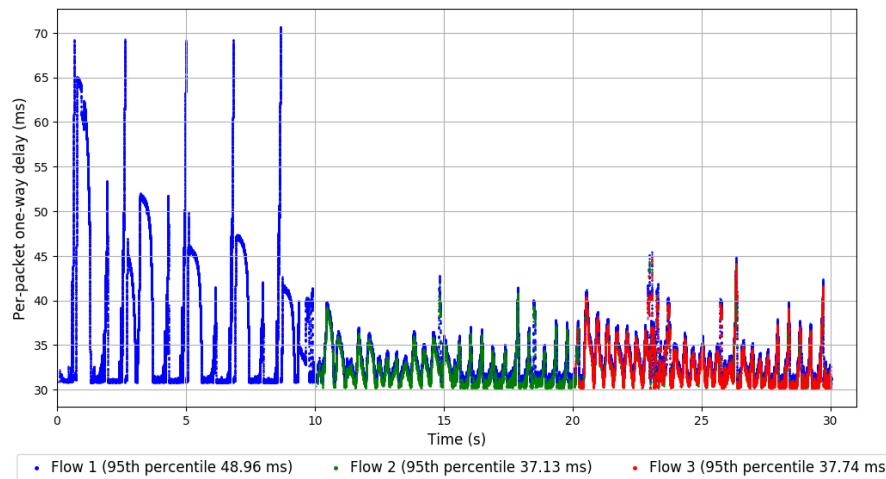
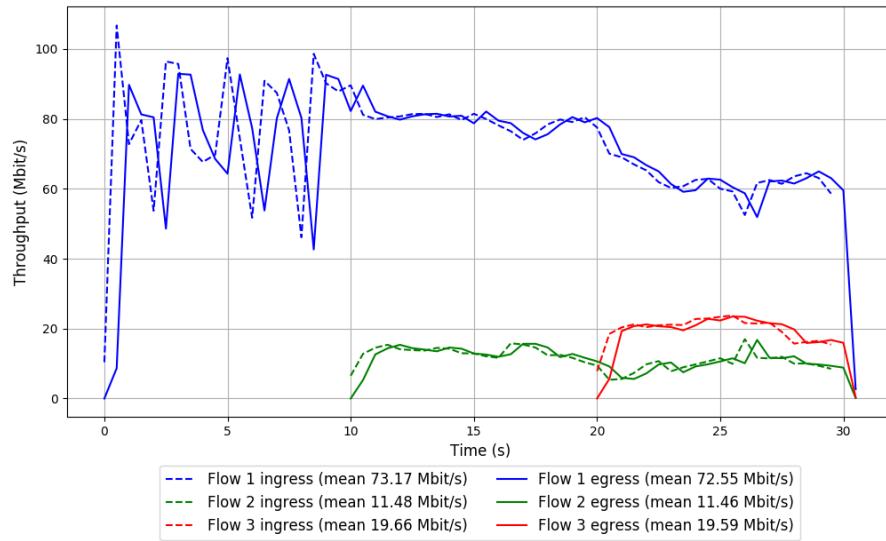


Run 8: Statistics of Copa

```
Start at: 2018-05-24 16:37:32
End at: 2018-05-24 16:38:02
Local clock offset: 0.189 ms
Remote clock offset: 3.778 ms

# Below is generated by plot.py at 2018-05-24 17:30:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.70 Mbit/s
95th percentile per-packet one-way delay: 47.053 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 72.55 Mbit/s
95th percentile per-packet one-way delay: 48.962 ms
Loss rate: 0.84%
-- Flow 2:
Average throughput: 11.46 Mbit/s
95th percentile per-packet one-way delay: 37.130 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 19.59 Mbit/s
95th percentile per-packet one-way delay: 37.740 ms
Loss rate: 0.39%
```

Run 8: Report of Copa — Data Link

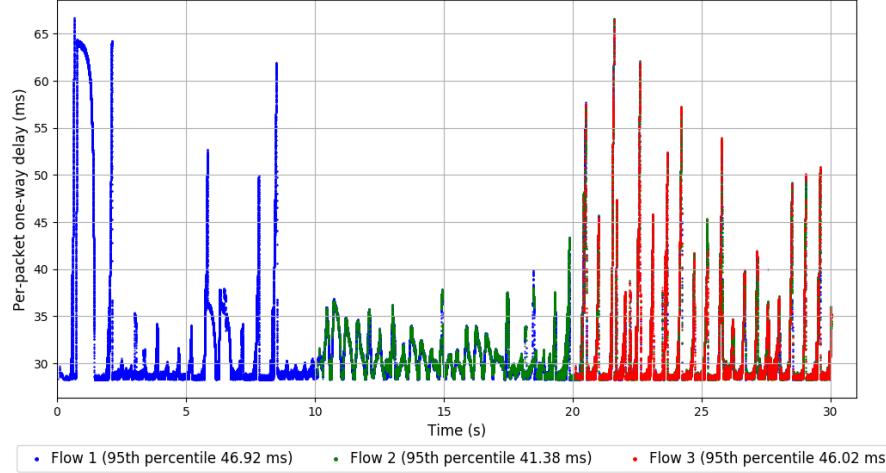
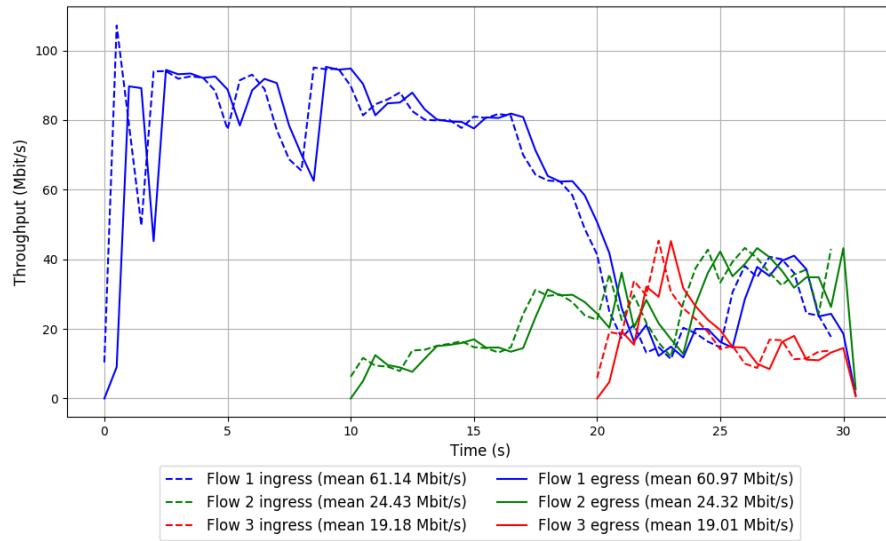


Run 9: Statistics of Copa

```
Start at: 2018-05-24 16:58:47
End at: 2018-05-24 16:59:17
Local clock offset: 0.241 ms
Remote clock offset: 0.544 ms

# Below is generated by plot.py at 2018-05-24 17:30:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.49 Mbit/s
95th percentile per-packet one-way delay: 44.931 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 60.97 Mbit/s
95th percentile per-packet one-way delay: 46.921 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 24.32 Mbit/s
95th percentile per-packet one-way delay: 41.379 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 19.01 Mbit/s
95th percentile per-packet one-way delay: 46.023 ms
Loss rate: 0.84%
```

Run 9: Report of Copa — Data Link

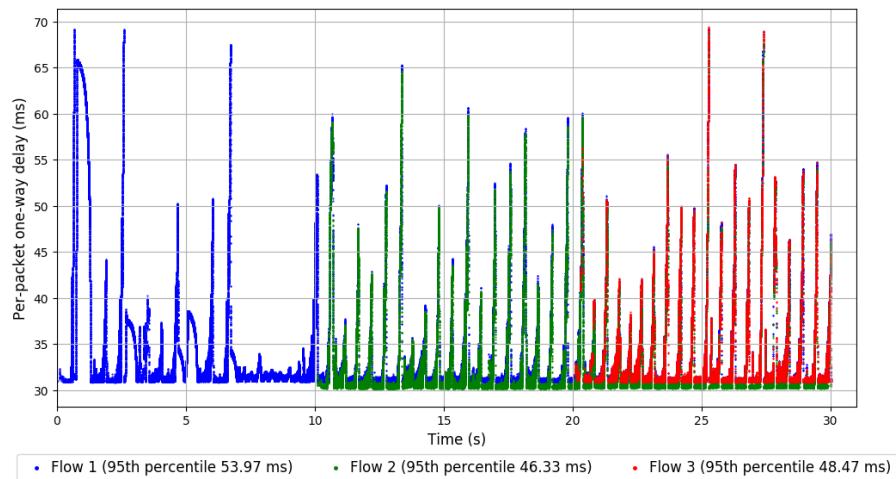
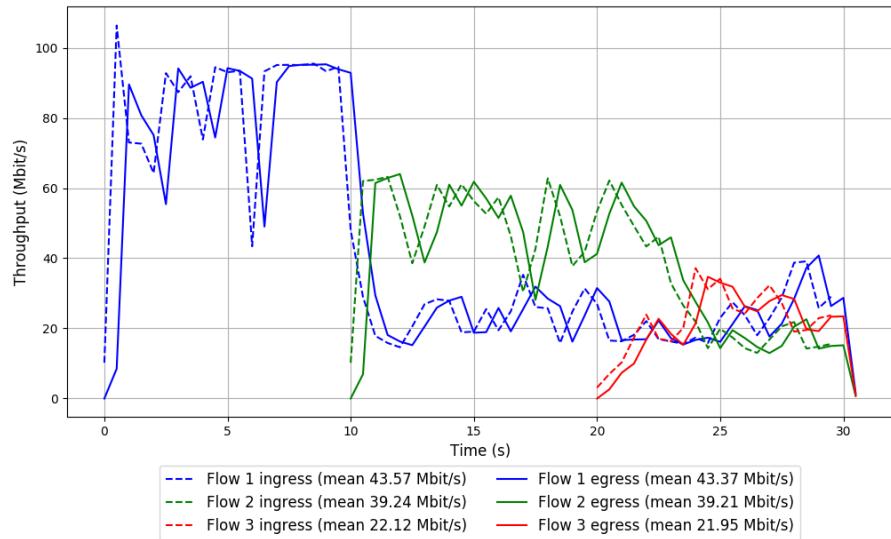


Run 10: Statistics of Copa

```
Start at: 2018-05-24 17:20:04
End at: 2018-05-24 17:20:34
Local clock offset: 0.156 ms
Remote clock offset: 2.786 ms

# Below is generated by plot.py at 2018-05-24 17:30:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 76.77 Mbit/s
95th percentile per-packet one-way delay: 50.270 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 43.37 Mbit/s
95th percentile per-packet one-way delay: 53.970 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 39.21 Mbit/s
95th percentile per-packet one-way delay: 46.329 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 21.95 Mbit/s
95th percentile per-packet one-way delay: 48.470 ms
Loss rate: 0.78%
```

## Run 10: Report of Copa — Data Link

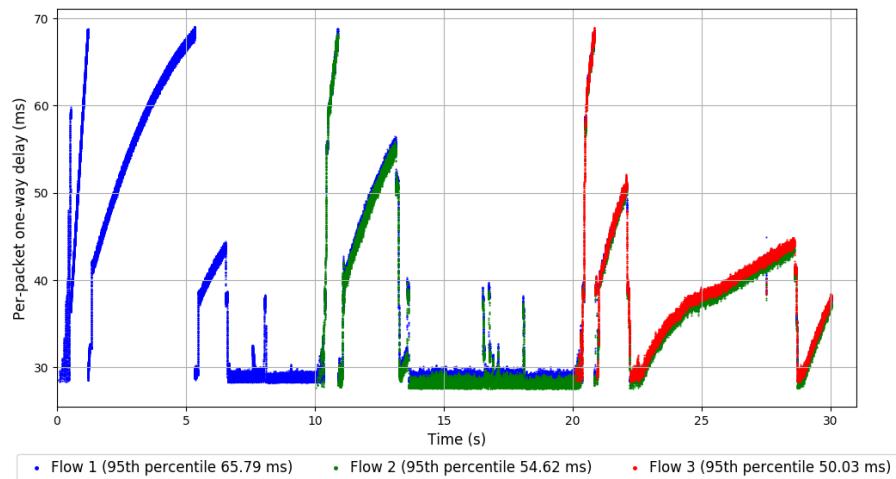
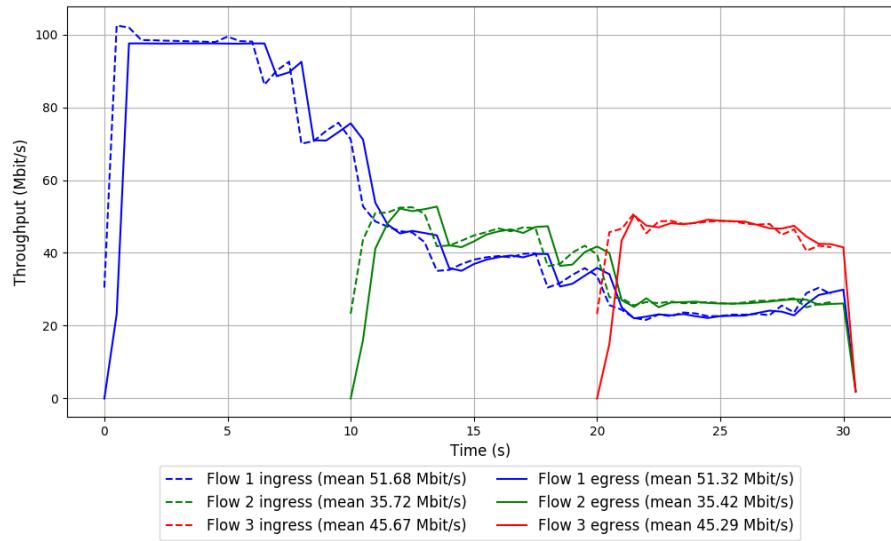


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2018-05-24 14:02:07
End at: 2018-05-24 14:02:37
Local clock offset: 0.723 ms
Remote clock offset: 0.92 ms

# Below is generated by plot.py at 2018-05-24 17:30:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.98 Mbit/s
95th percentile per-packet one-way delay: 64.328 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 51.32 Mbit/s
95th percentile per-packet one-way delay: 65.786 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 35.42 Mbit/s
95th percentile per-packet one-way delay: 54.615 ms
Loss rate: 0.80%
-- Flow 3:
Average throughput: 45.29 Mbit/s
95th percentile per-packet one-way delay: 50.029 ms
Loss rate: 0.74%
```

Run 1: Report of TCP Cubic — Data Link

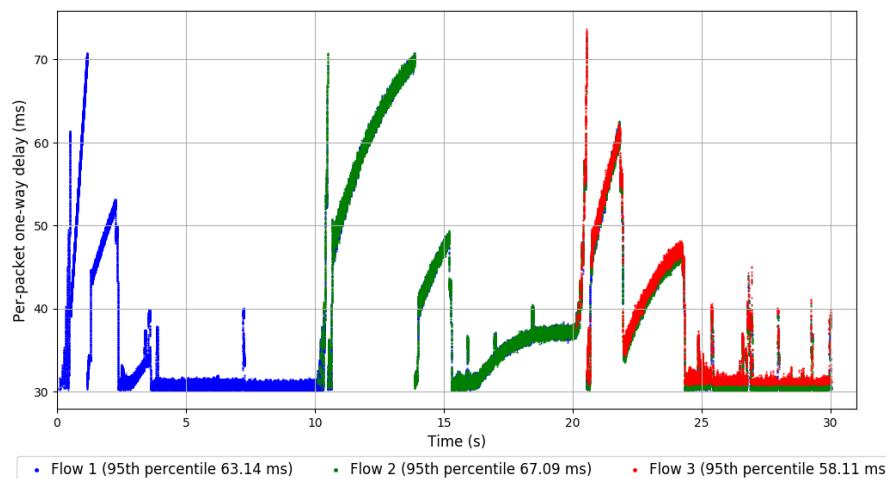
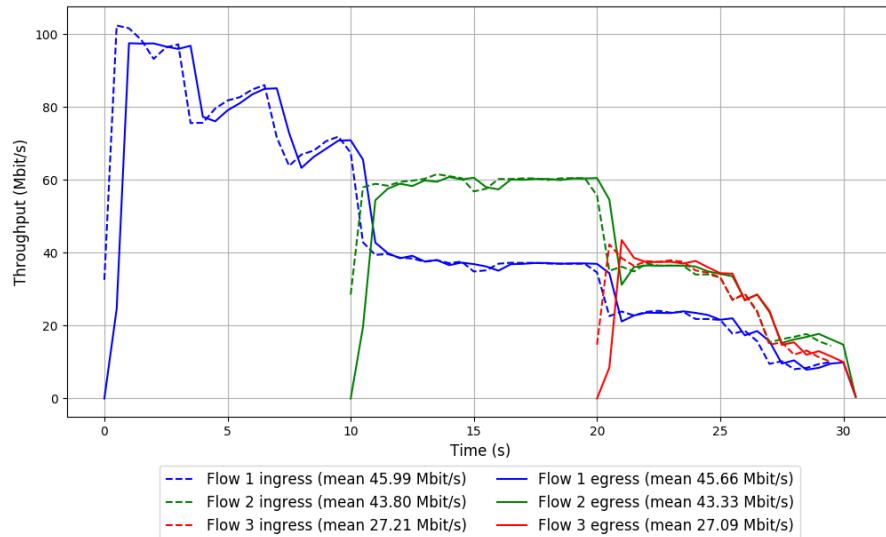


Run 2: Statistics of TCP Cubic

```
Start at: 2018-05-24 14:23:23
End at: 2018-05-24 14:23:53
Local clock offset: -0.453 ms
Remote clock offset: 3.644 ms

# Below is generated by plot.py at 2018-05-24 17:30:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.52 Mbit/s
95th percentile per-packet one-way delay: 64.802 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 45.66 Mbit/s
95th percentile per-packet one-way delay: 63.137 ms
Loss rate: 0.71%
-- Flow 2:
Average throughput: 43.33 Mbit/s
95th percentile per-packet one-way delay: 67.094 ms
Loss rate: 1.07%
-- Flow 3:
Average throughput: 27.09 Mbit/s
95th percentile per-packet one-way delay: 58.110 ms
Loss rate: 0.51%
```

## Run 2: Report of TCP Cubic — Data Link

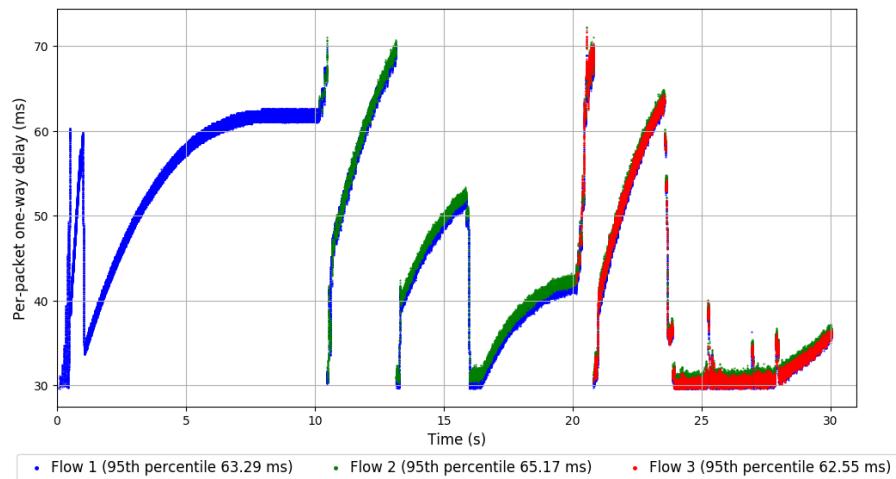
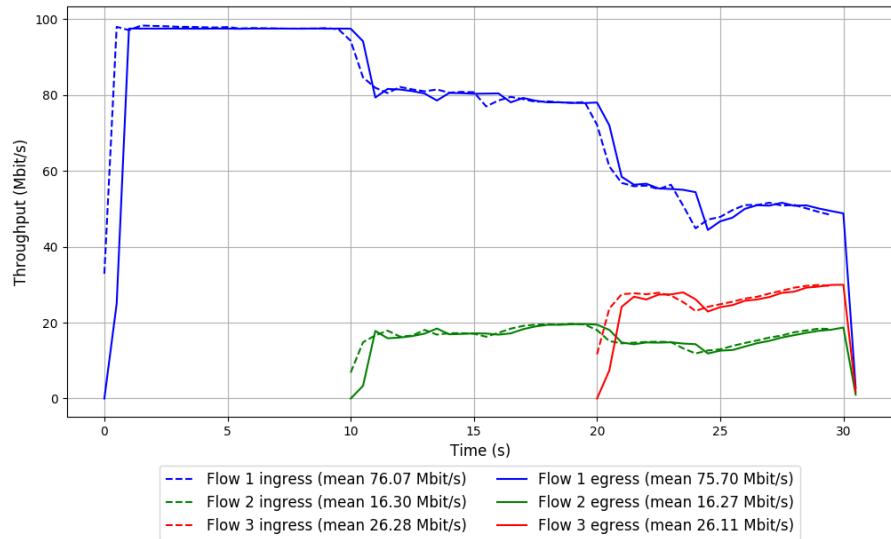


Run 3: Statistics of TCP Cubic

```
Start at: 2018-05-24 14:44:39
End at: 2018-05-24 14:45:09
Local clock offset: -0.721 ms
Remote clock offset: 3.73 ms

# Below is generated by plot.py at 2018-05-24 17:30:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.20 Mbit/s
95th percentile per-packet one-way delay: 63.329 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 75.70 Mbit/s
95th percentile per-packet one-way delay: 63.288 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 16.27 Mbit/s
95th percentile per-packet one-way delay: 65.172 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 26.11 Mbit/s
95th percentile per-packet one-way delay: 62.550 ms
Loss rate: 0.72%
```

### Run 3: Report of TCP Cubic — Data Link

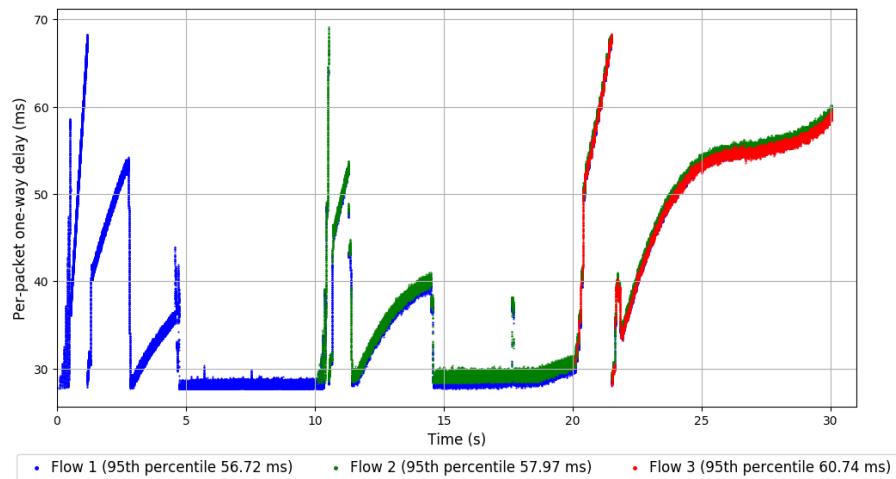
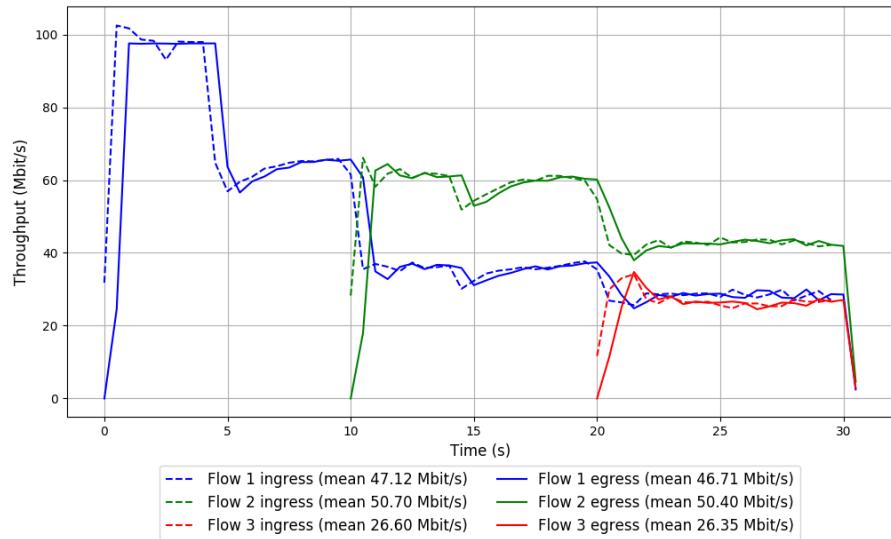


Run 4: Statistics of TCP Cubic

```
Start at: 2018-05-24 15:05:56
End at: 2018-05-24 15:06:26
Local clock offset: 0.02 ms
Remote clock offset: 2.06 ms

# Below is generated by plot.py at 2018-05-24 17:30:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.03 Mbit/s
95th percentile per-packet one-way delay: 57.782 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 46.71 Mbit/s
95th percentile per-packet one-way delay: 56.724 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 50.40 Mbit/s
95th percentile per-packet one-way delay: 57.970 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 26.35 Mbit/s
95th percentile per-packet one-way delay: 60.736 ms
Loss rate: 0.66%
```

Run 4: Report of TCP Cubic — Data Link

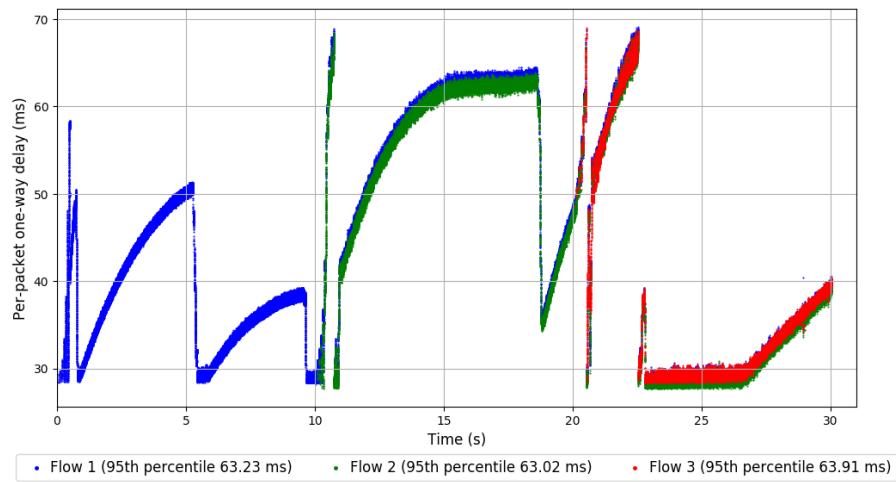
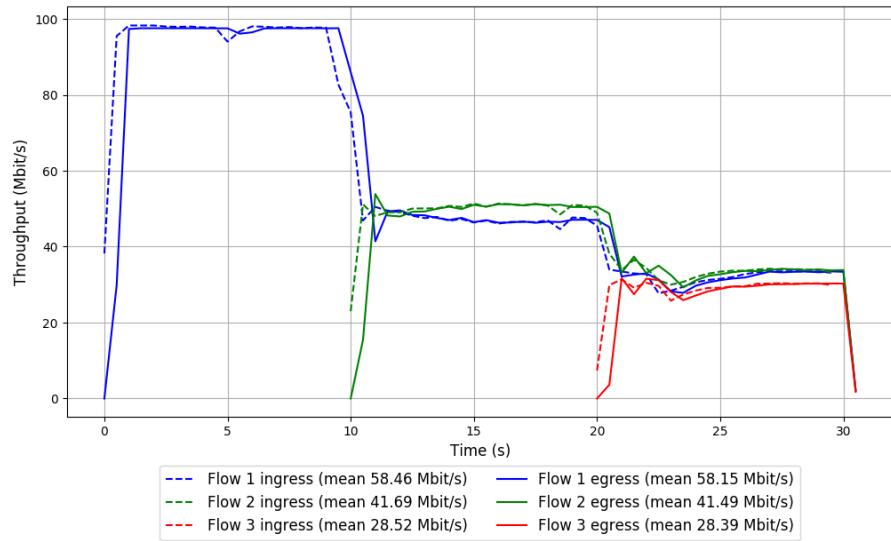


Run 5: Statistics of TCP Cubic

```
Start at: 2018-05-24 15:27:13
End at: 2018-05-24 15:27:43
Local clock offset: 0.266 ms
Remote clock offset: 2.358 ms

# Below is generated by plot.py at 2018-05-24 17:31:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.22 Mbit/s
95th percentile per-packet one-way delay: 63.212 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 58.15 Mbit/s
95th percentile per-packet one-way delay: 63.229 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 41.49 Mbit/s
95th percentile per-packet one-way delay: 63.024 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 28.39 Mbit/s
95th percentile per-packet one-way delay: 63.915 ms
Loss rate: 0.54%
```

Run 5: Report of TCP Cubic — Data Link

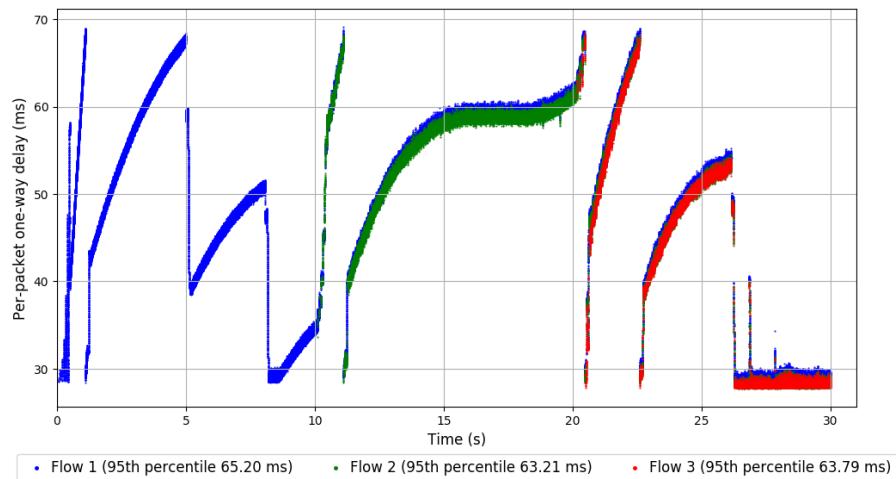
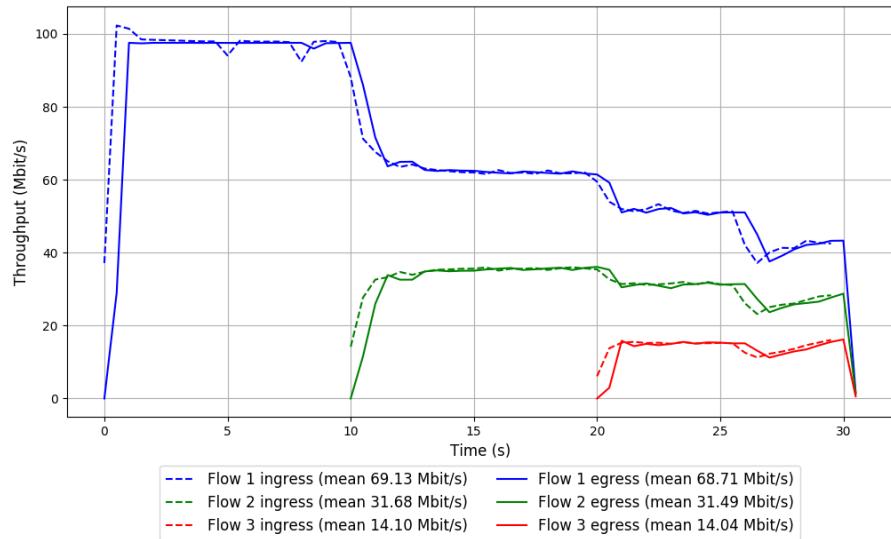


Run 6: Statistics of TCP Cubic

```
Start at: 2018-05-24 15:48:29
End at: 2018-05-24 15:48:59
Local clock offset: 0.311 ms
Remote clock offset: 1.4 ms

# Below is generated by plot.py at 2018-05-24 17:31:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.33 Mbit/s
95th percentile per-packet one-way delay: 64.755 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 68.71 Mbit/s
95th percentile per-packet one-way delay: 65.200 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 31.49 Mbit/s
95th percentile per-packet one-way delay: 63.208 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 14.04 Mbit/s
95th percentile per-packet one-way delay: 63.788 ms
Loss rate: 0.75%
```

## Run 6: Report of TCP Cubic — Data Link

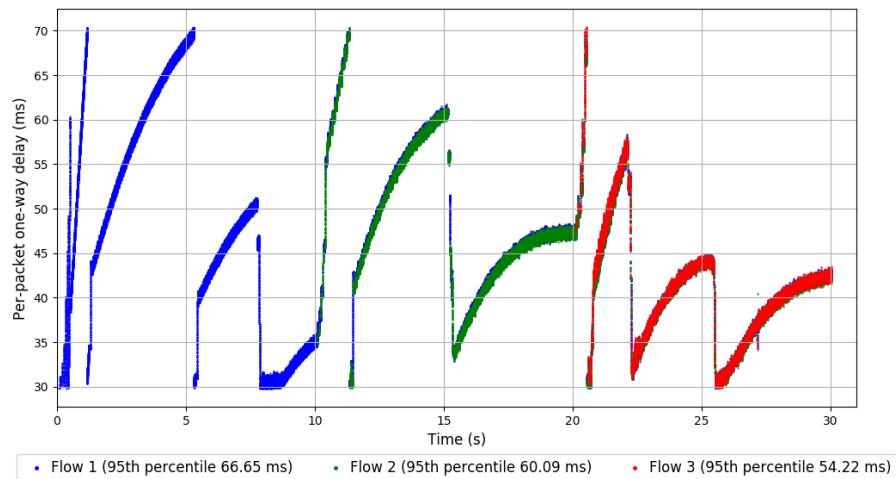
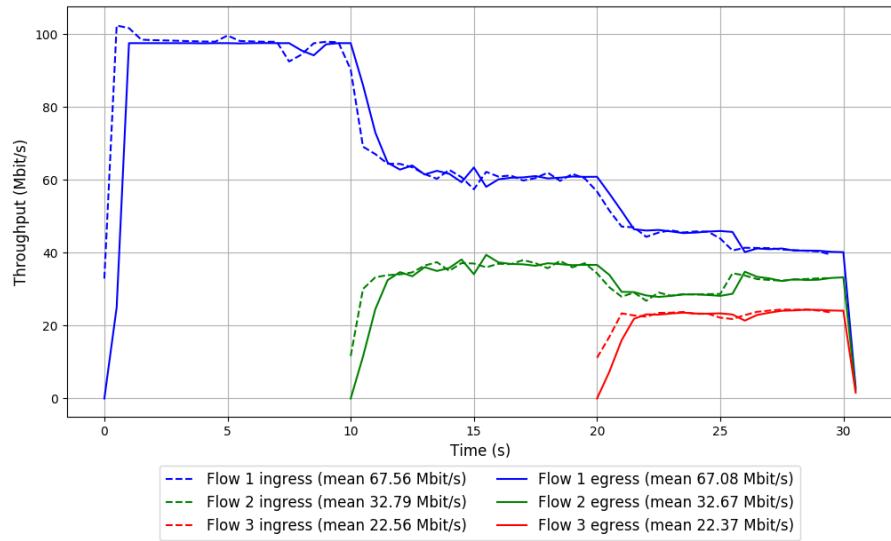


Run 7: Statistics of TCP Cubic

```
Start at: 2018-05-24 16:09:45
End at: 2018-05-24 16:10:15
Local clock offset: 0.126 ms
Remote clock offset: 3.619 ms

# Below is generated by plot.py at 2018-05-24 17:31:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 65.635 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 67.08 Mbit/s
95th percentile per-packet one-way delay: 66.646 ms
Loss rate: 0.67%
-- Flow 2:
Average throughput: 32.67 Mbit/s
95th percentile per-packet one-way delay: 60.091 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 22.37 Mbit/s
95th percentile per-packet one-way delay: 54.215 ms
Loss rate: 0.85%
```

### Run 7: Report of TCP Cubic — Data Link

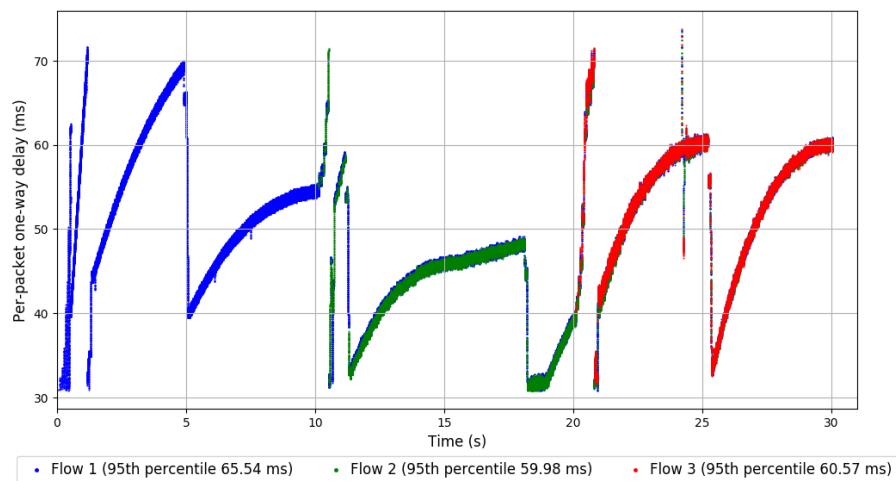
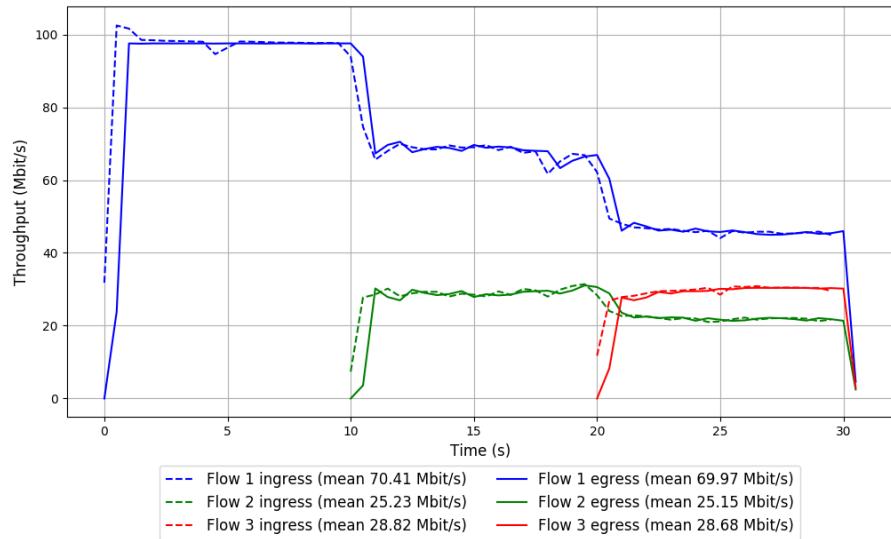


Run 8: Statistics of TCP Cubic

```
Start at: 2018-05-24 16:31:00
End at: 2018-05-24 16:31:30
Local clock offset: 0.114 ms
Remote clock offset: 3.676 ms

# Below is generated by plot.py at 2018-05-24 17:31:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.26 Mbit/s
95th percentile per-packet one-way delay: 64.781 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 69.97 Mbit/s
95th percentile per-packet one-way delay: 65.540 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 25.15 Mbit/s
95th percentile per-packet one-way delay: 59.979 ms
Loss rate: 0.30%
-- Flow 3:
Average throughput: 28.68 Mbit/s
95th percentile per-packet one-way delay: 60.566 ms
Loss rate: 0.29%
```

Run 8: Report of TCP Cubic — Data Link

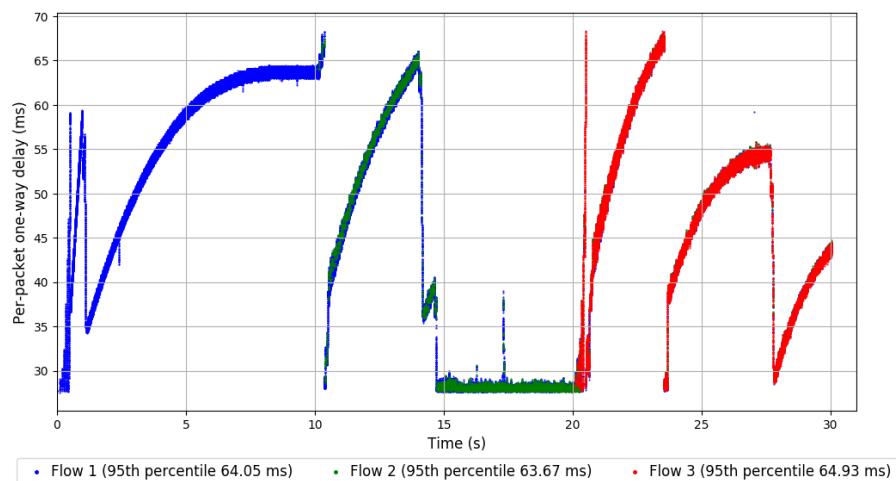
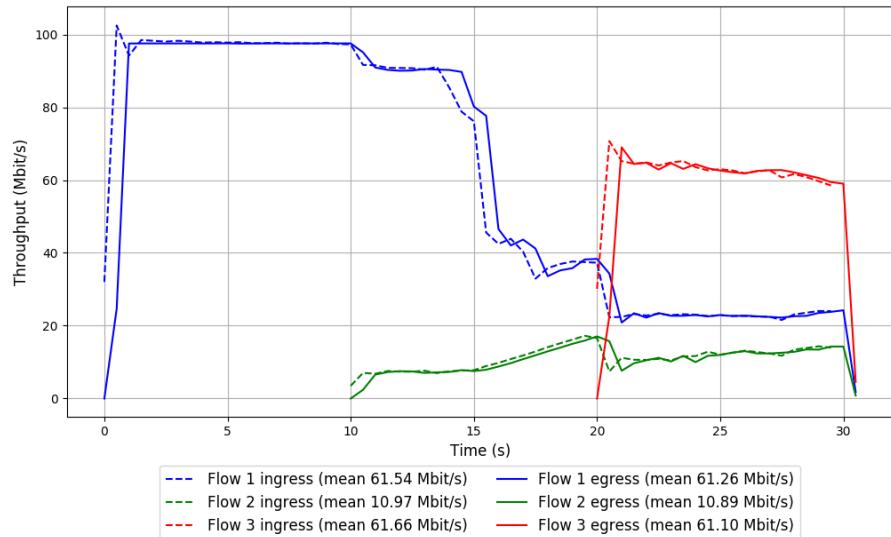


Run 9: Statistics of TCP Cubic

```
Start at: 2018-05-24 16:52:13
End at: 2018-05-24 16:52:43
Local clock offset: 0.246 ms
Remote clock offset: 0.714 ms

# Below is generated by plot.py at 2018-05-24 17:31:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.84 Mbit/s
95th percentile per-packet one-way delay: 64.063 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 61.26 Mbit/s
95th percentile per-packet one-way delay: 64.048 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 10.89 Mbit/s
95th percentile per-packet one-way delay: 63.670 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 61.10 Mbit/s
95th percentile per-packet one-way delay: 64.927 ms
Loss rate: 0.74%
```

Run 9: Report of TCP Cubic — Data Link

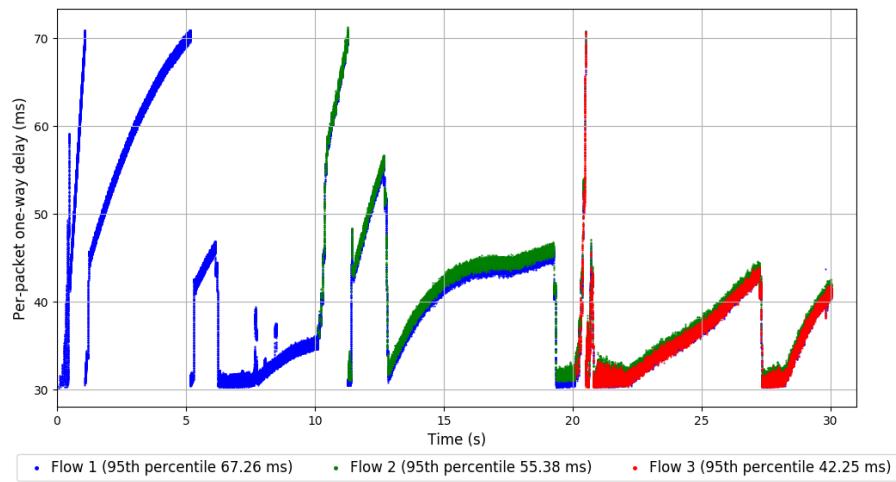
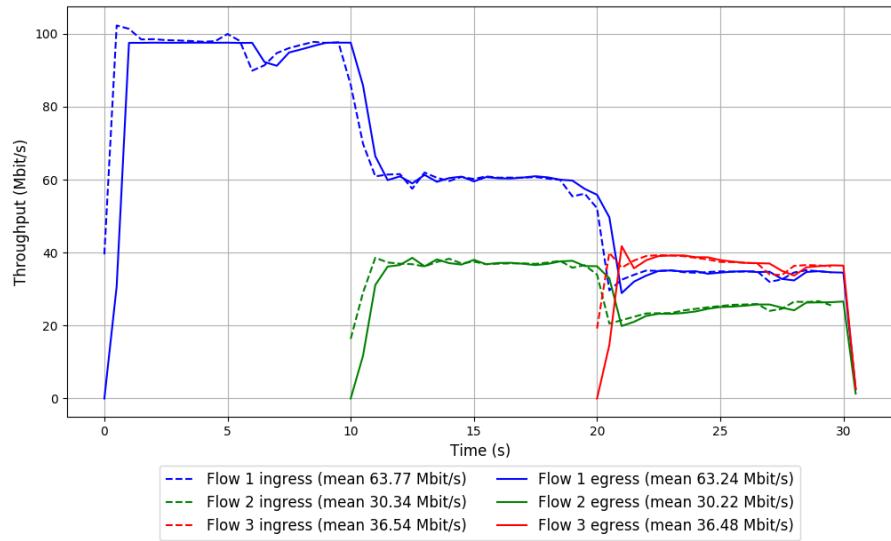


Run 10: Statistics of TCP Cubic

```
Start at: 2018-05-24 17:13:30
End at: 2018-05-24 17:14:00
Local clock offset: 0.033 ms
Remote clock offset: 2.974 ms

# Below is generated by plot.py at 2018-05-24 17:31:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.51 Mbit/s
95th percentile per-packet one-way delay: 65.958 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 63.24 Mbit/s
95th percentile per-packet one-way delay: 67.256 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 30.22 Mbit/s
95th percentile per-packet one-way delay: 55.377 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 36.48 Mbit/s
95th percentile per-packet one-way delay: 42.247 ms
Loss rate: 0.07%
```

Run 10: Report of TCP Cubic — Data Link

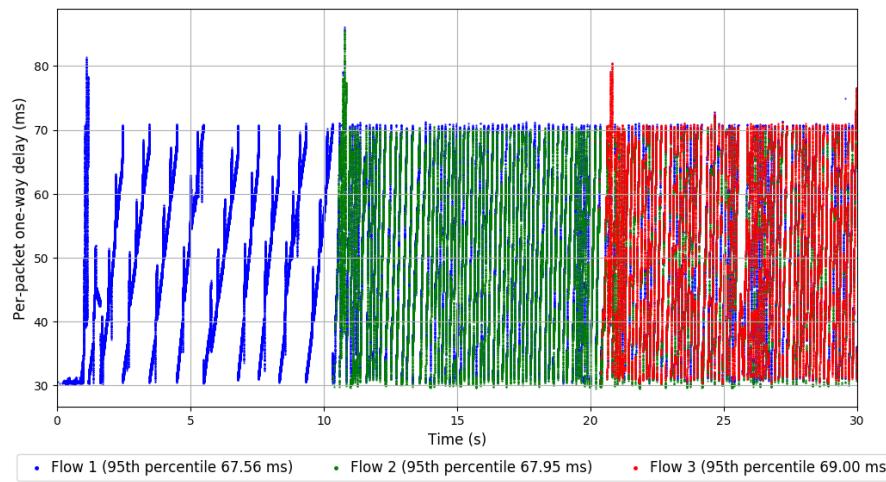
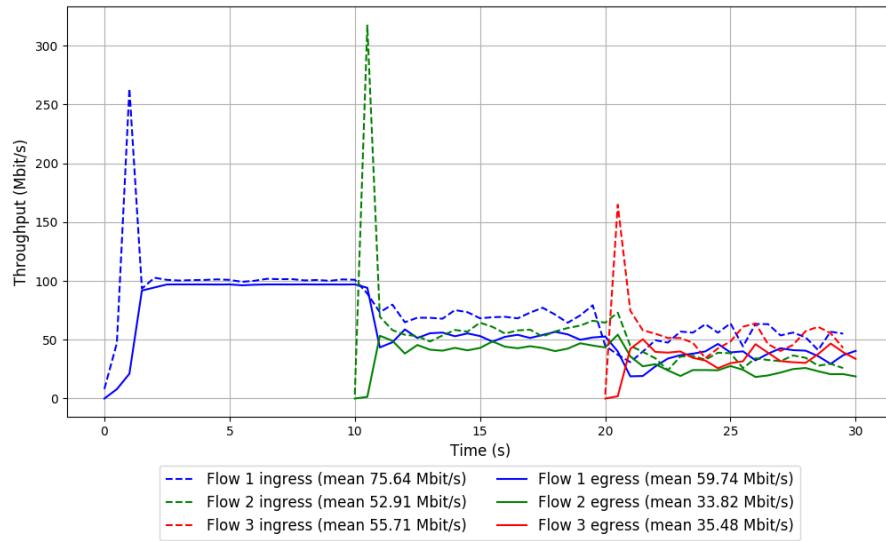


```
Run 1: Statistics of FillP

Start at: 2018-05-24 14:11:24
End at: 2018-05-24 14:11:54
Local clock offset: 0.022 ms
Remote clock offset: 3.097 ms

# Below is generated by plot.py at 2018-05-24 17:32:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.96 Mbit/s
95th percentile per-packet one-way delay: 67.878 ms
Loss rate: 27.33%
-- Flow 1:
Average throughput: 59.74 Mbit/s
95th percentile per-packet one-way delay: 67.557 ms
Loss rate: 21.01%
-- Flow 2:
Average throughput: 33.82 Mbit/s
95th percentile per-packet one-way delay: 67.950 ms
Loss rate: 36.16%
-- Flow 3:
Average throughput: 35.48 Mbit/s
95th percentile per-packet one-way delay: 69.002 ms
Loss rate: 36.39%
```

Run 1: Report of FillP — Data Link

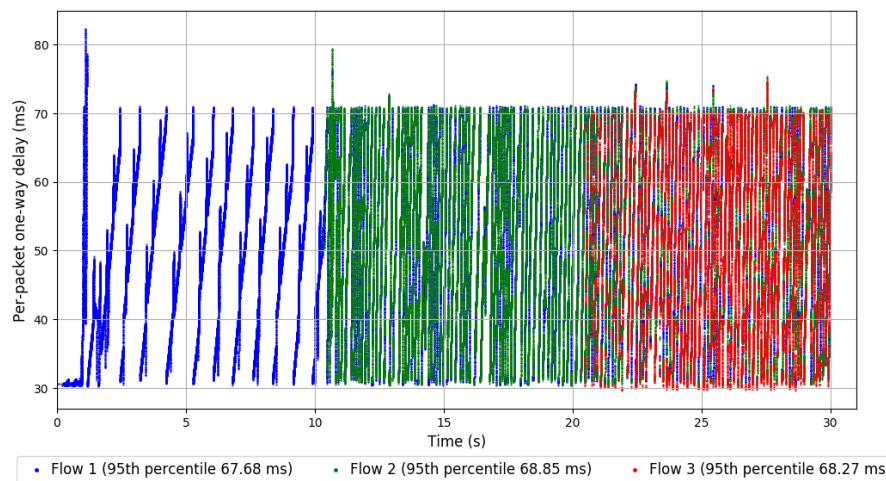
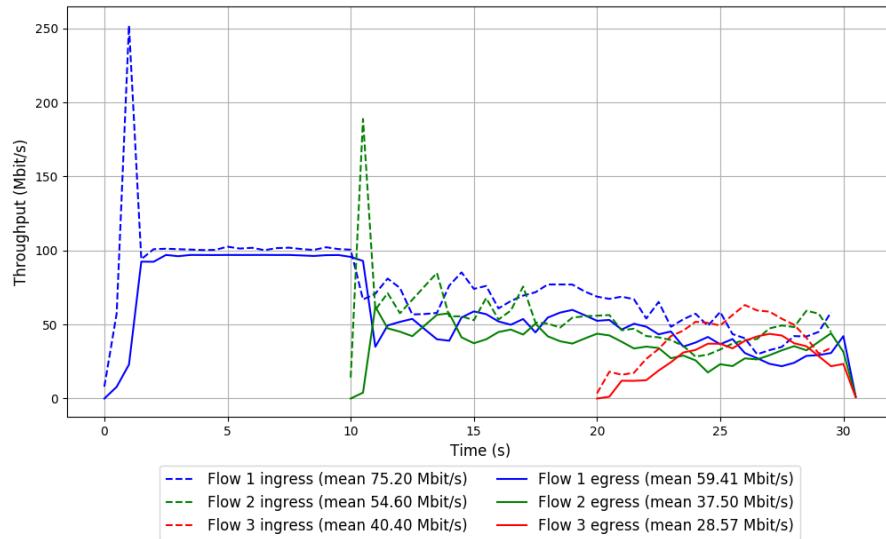


Run 2: Statistics of FillP

```
Start at: 2018-05-24 14:32:39
End at: 2018-05-24 14:33:09
Local clock offset: -0.596 ms
Remote clock offset: 3.495 ms

# Below is generated by plot.py at 2018-05-24 17:32:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.84 Mbit/s
95th percentile per-packet one-way delay: 68.143 ms
Loss rate: 24.82%
-- Flow 1:
Average throughput: 59.41 Mbit/s
95th percentile per-packet one-way delay: 67.680 ms
Loss rate: 20.91%
-- Flow 2:
Average throughput: 37.50 Mbit/s
95th percentile per-packet one-way delay: 68.848 ms
Loss rate: 31.25%
-- Flow 3:
Average throughput: 28.57 Mbit/s
95th percentile per-packet one-way delay: 68.269 ms
Loss rate: 29.32%
```

## Run 2: Report of FillP — Data Link

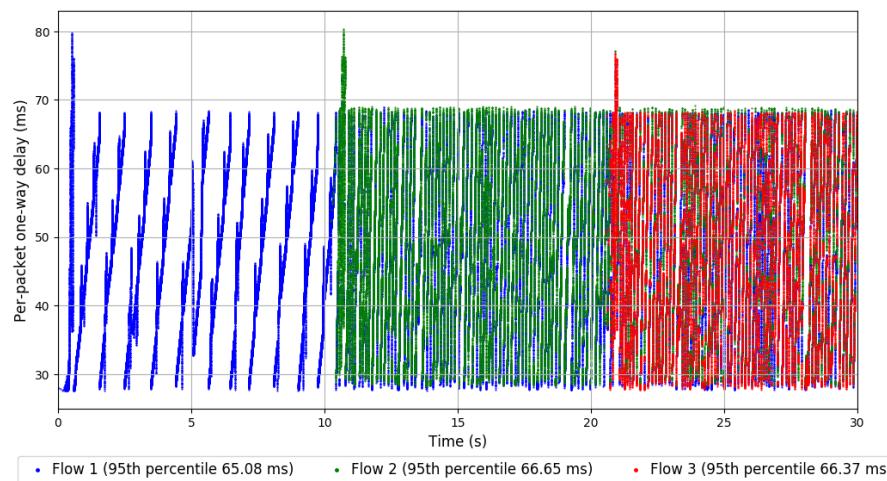
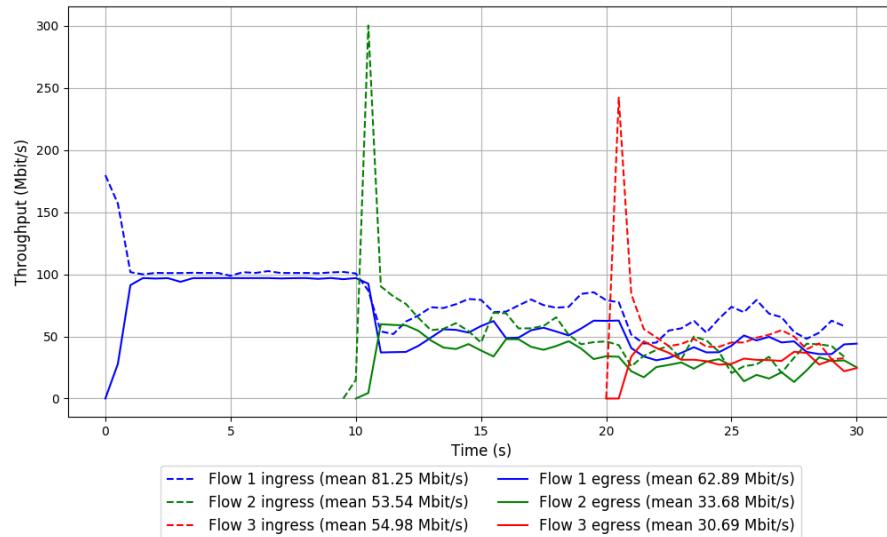


```
Run 3: Statistics of FillP
```

```
Start at: 2018-05-24 14:53:55
End at: 2018-05-24 14:54:25
Local clock offset: -1.047 ms
Remote clock offset: 1.893 ms

# Below is generated by plot.py at 2018-05-24 17:32:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.46 Mbit/s
95th percentile per-packet one-way delay: 65.664 ms
Loss rate: 29.37%
-- Flow 1:
Average throughput: 62.89 Mbit/s
95th percentile per-packet one-way delay: 65.082 ms
Loss rate: 22.60%
-- Flow 2:
Average throughput: 33.68 Mbit/s
95th percentile per-packet one-way delay: 66.649 ms
Loss rate: 37.14%
-- Flow 3:
Average throughput: 30.69 Mbit/s
95th percentile per-packet one-way delay: 66.372 ms
Loss rate: 44.30%
```

### Run 3: Report of FillP — Data Link

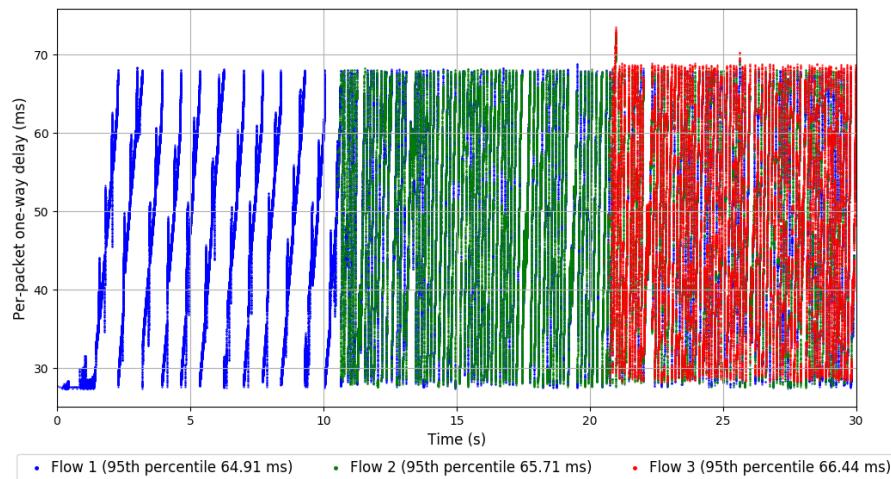
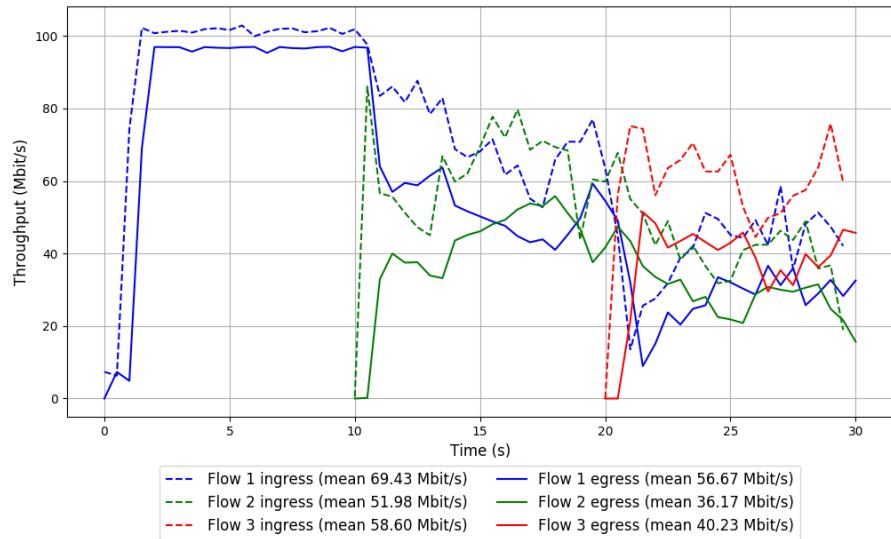


Run 4: Statistics of FillP

```
Start at: 2018-05-24 15:15:12
End at: 2018-05-24 15:15:42
Local clock offset: 0.259 ms
Remote clock offset: 2.106 ms

# Below is generated by plot.py at 2018-05-24 17:32:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.32 Mbit/s
95th percentile per-packet one-way delay: 65.407 ms
Loss rate: 24.44%
-- Flow 1:
Average throughput: 56.67 Mbit/s
95th percentile per-packet one-way delay: 64.906 ms
Loss rate: 18.37%
-- Flow 2:
Average throughput: 36.17 Mbit/s
95th percentile per-packet one-way delay: 65.707 ms
Loss rate: 31.16%
-- Flow 3:
Average throughput: 40.23 Mbit/s
95th percentile per-packet one-way delay: 66.436 ms
Loss rate: 34.13%
```

## Run 4: Report of FillP — Data Link

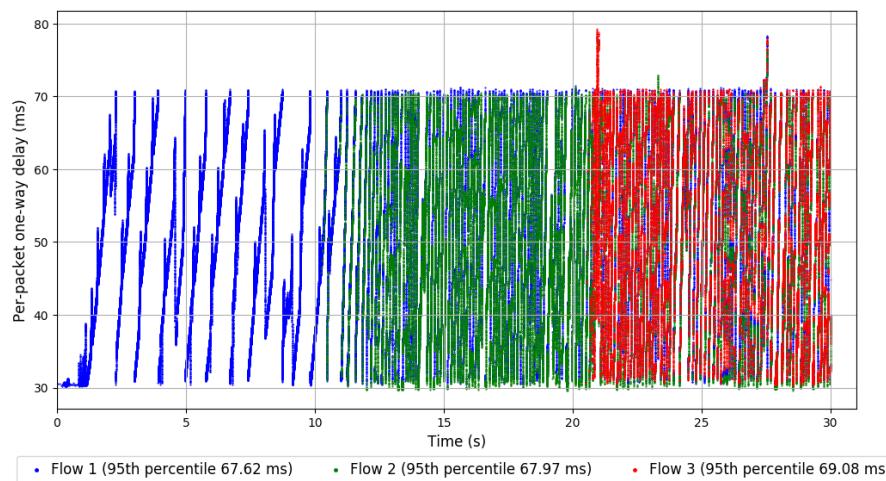
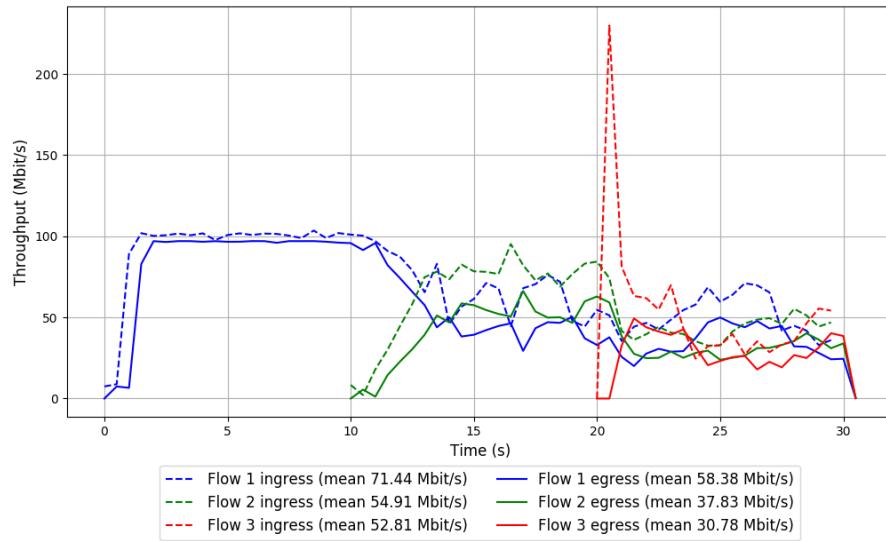


Run 5: Statistics of FillP

```
Start at: 2018-05-24 15:36:29
End at: 2018-05-24 15:36:59
Local clock offset: 0.403 ms
Remote clock offset: 4.321 ms

# Below is generated by plot.py at 2018-05-24 17:33:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.51 Mbit/s
95th percentile per-packet one-way delay: 67.915 ms
Loss rate: 25.45%
-- Flow 1:
Average throughput: 58.38 Mbit/s
95th percentile per-packet one-way delay: 67.625 ms
Loss rate: 18.26%
-- Flow 2:
Average throughput: 37.83 Mbit/s
95th percentile per-packet one-way delay: 67.971 ms
Loss rate: 31.11%
-- Flow 3:
Average throughput: 30.78 Mbit/s
95th percentile per-packet one-way delay: 69.081 ms
Loss rate: 43.00%
```

Run 5: Report of FillP — Data Link

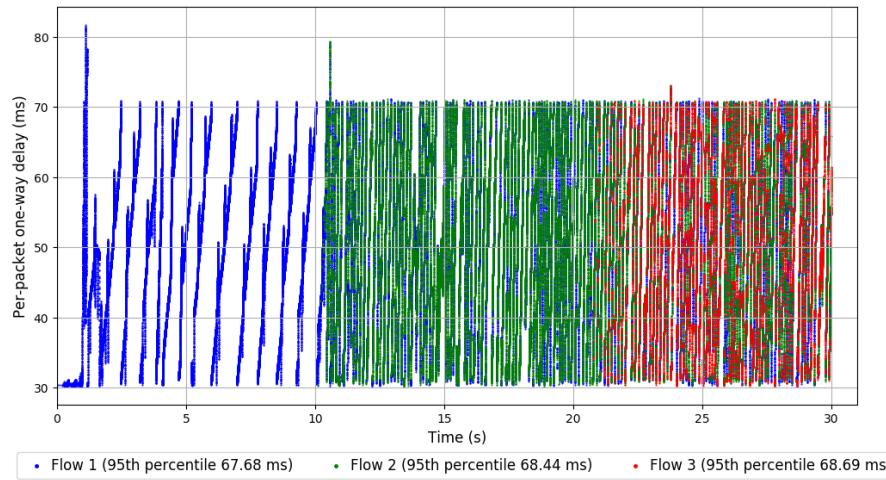
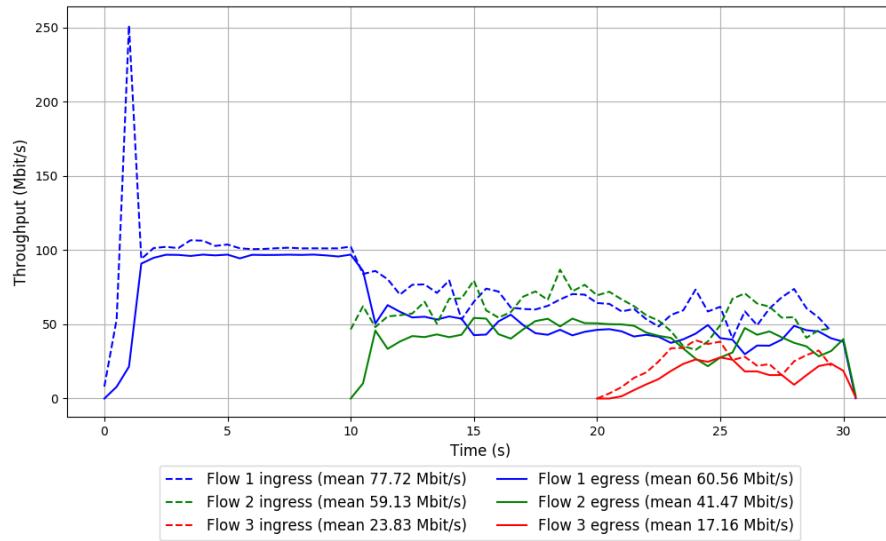


```
Run 6: Statistics of FillP
```

```
Start at: 2018-05-24 15:57:45
End at: 2018-05-24 15:58:15
Local clock offset: 0.337 ms
Remote clock offset: 3.458 ms

# Below is generated by plot.py at 2018-05-24 17:33:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.74 Mbit/s
95th percentile per-packet one-way delay: 68.000 ms
Loss rate: 24.92%
-- Flow 1:
Average throughput: 60.56 Mbit/s
95th percentile per-packet one-way delay: 67.682 ms
Loss rate: 22.03%
-- Flow 2:
Average throughput: 41.47 Mbit/s
95th percentile per-packet one-way delay: 68.444 ms
Loss rate: 29.75%
-- Flow 3:
Average throughput: 17.16 Mbit/s
95th percentile per-packet one-way delay: 68.685 ms
Loss rate: 29.33%
```

Run 6: Report of FillP — Data Link

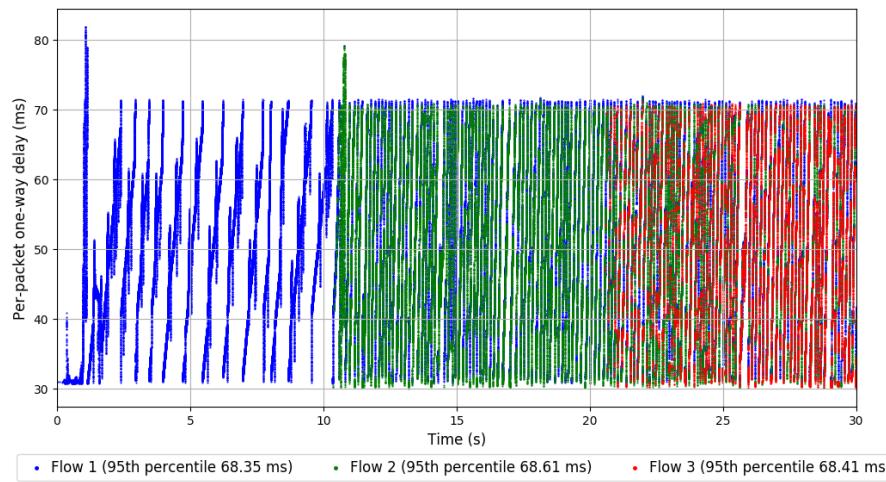
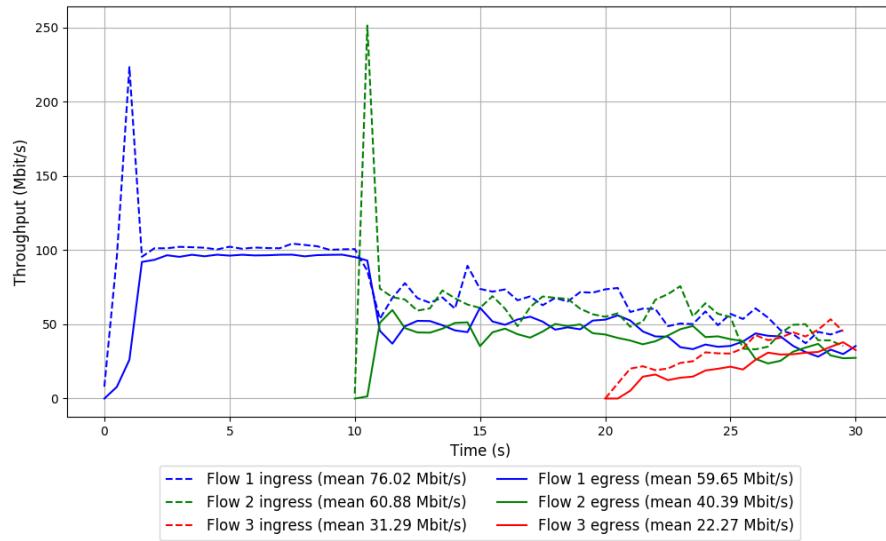


Run 7: Statistics of FillP

```
Start at: 2018-05-24 16:19:01
End at: 2018-05-24 16:19:31
Local clock offset: -0.108 ms
Remote clock offset: 3.649 ms

# Below is generated by plot.py at 2018-05-24 17:33:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.86 Mbit/s
95th percentile per-packet one-way delay: 68.455 ms
Loss rate: 26.01%
-- Flow 1:
Average throughput: 59.65 Mbit/s
95th percentile per-packet one-way delay: 68.354 ms
Loss rate: 21.51%
-- Flow 2:
Average throughput: 40.39 Mbit/s
95th percentile per-packet one-way delay: 68.606 ms
Loss rate: 33.72%
-- Flow 3:
Average throughput: 22.27 Mbit/s
95th percentile per-packet one-way delay: 68.406 ms
Loss rate: 28.89%
```

### Run 7: Report of FillP — Data Link

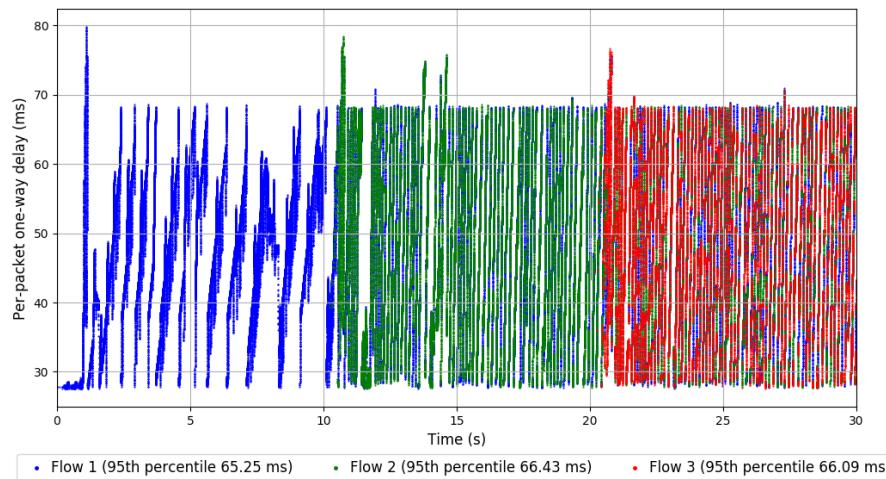
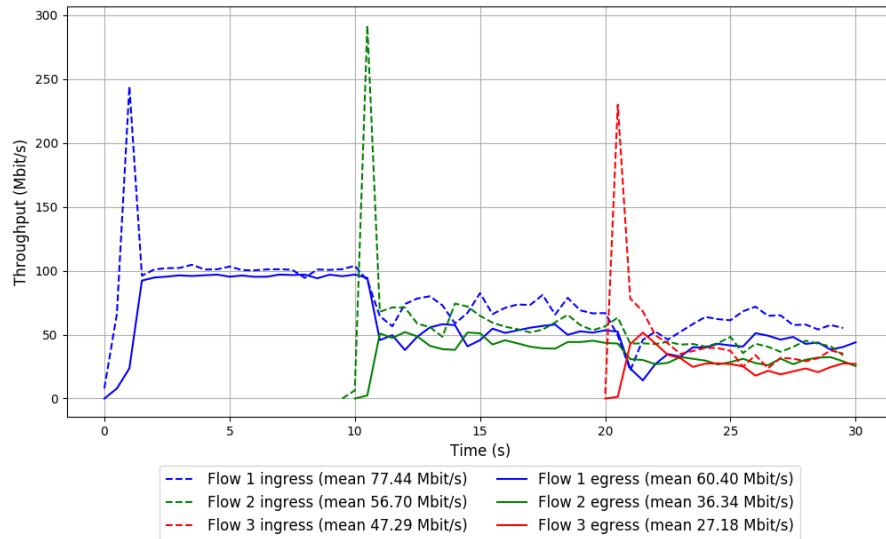


Run 8: Statistics of FillP

```
Start at: 2018-05-24 16:40:15
End at: 2018-05-24 16:40:45
Local clock offset: 0.126 ms
Remote clock offset: 1.392 ms

# Below is generated by plot.py at 2018-05-24 17:33:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.56 Mbit/s
95th percentile per-packet one-way delay: 65.719 ms
Loss rate: 28.49%
-- Flow 1:
Average throughput: 60.40 Mbit/s
95th percentile per-packet one-way delay: 65.253 ms
Loss rate: 21.96%
-- Flow 2:
Average throughput: 36.34 Mbit/s
95th percentile per-packet one-way delay: 66.431 ms
Loss rate: 35.98%
-- Flow 3:
Average throughput: 27.18 Mbit/s
95th percentile per-packet one-way delay: 66.094 ms
Loss rate: 42.66%
```

## Run 8: Report of FillP — Data Link

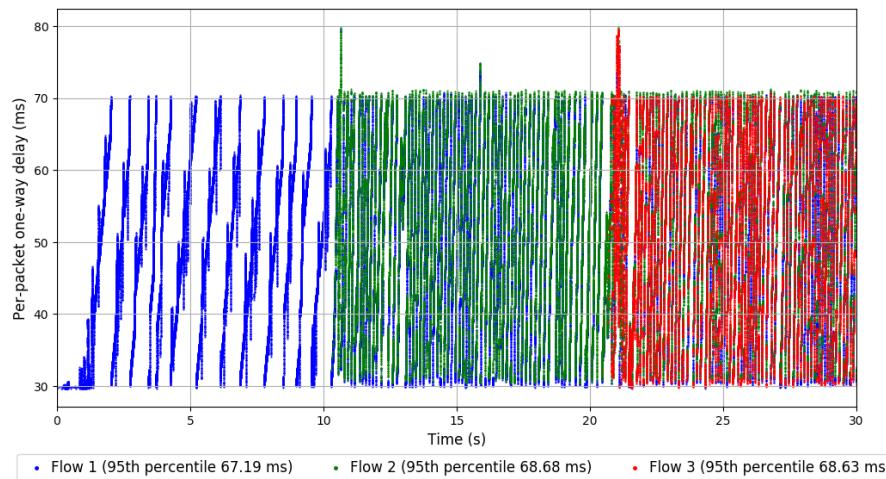
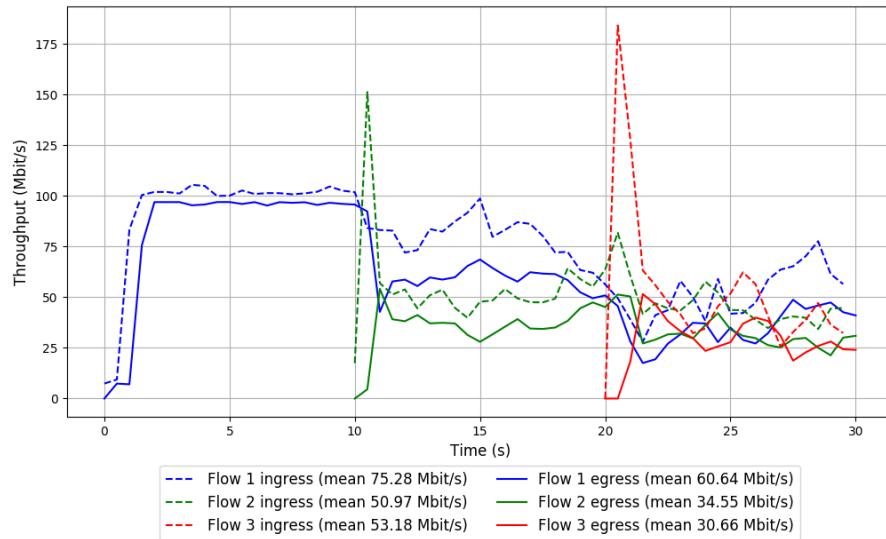


Run 9: Statistics of FillP

```
Start at: 2018-05-24 17:01:30
End at: 2018-05-24 17:02:00
Local clock offset: 0.22 ms
Remote clock offset: 2.742 ms

# Below is generated by plot.py at 2018-05-24 17:34:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.38 Mbit/s
95th percentile per-packet one-way delay: 67.787 ms
Loss rate: 26.38%
-- Flow 1:
Average throughput: 60.64 Mbit/s
95th percentile per-packet one-way delay: 67.194 ms
Loss rate: 19.44%
-- Flow 2:
Average throughput: 34.55 Mbit/s
95th percentile per-packet one-way delay: 68.680 ms
Loss rate: 32.26%
-- Flow 3:
Average throughput: 30.66 Mbit/s
95th percentile per-packet one-way delay: 68.631 ms
Loss rate: 44.69%
```

## Run 9: Report of FillP — Data Link

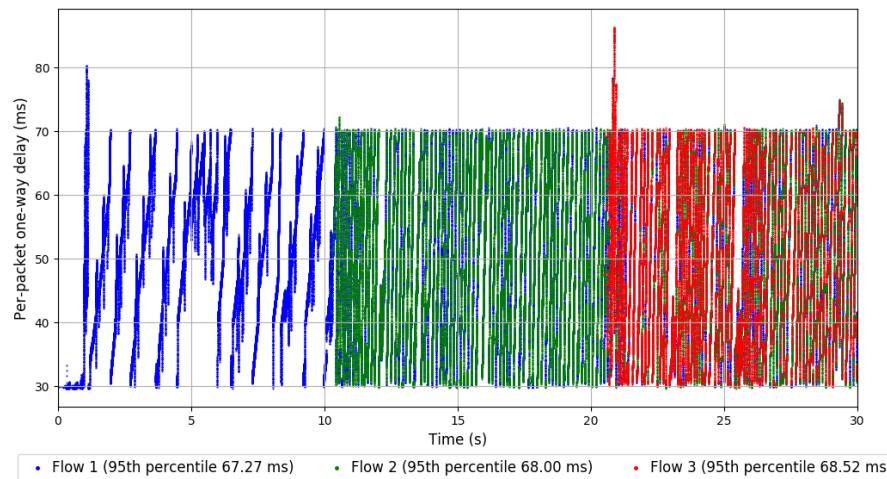
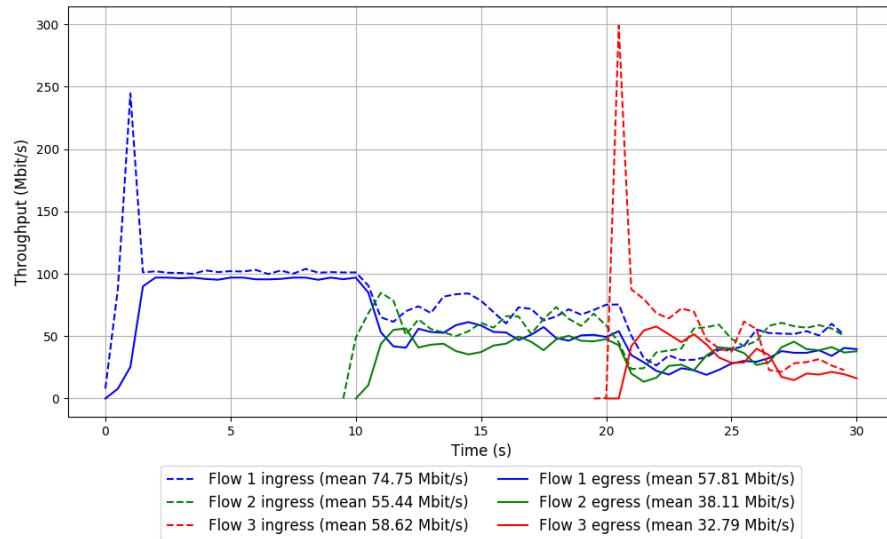


Run 10: Statistics of FillP

```
Start at: 2018-05-24 17:22:47
End at: 2018-05-24 17:23:17
Local clock offset: 0.17 ms
Remote clock offset: 2.284 ms

# Below is generated by plot.py at 2018-05-24 17:34:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.87 Mbit/s
95th percentile per-packet one-way delay: 67.632 ms
Loss rate: 28.40%
-- Flow 1:
Average throughput: 57.81 Mbit/s
95th percentile per-packet one-way delay: 67.269 ms
Loss rate: 22.63%
-- Flow 2:
Average throughput: 38.11 Mbit/s
95th percentile per-packet one-way delay: 67.996 ms
Loss rate: 31.24%
-- Flow 3:
Average throughput: 32.79 Mbit/s
95th percentile per-packet one-way delay: 68.521 ms
Loss rate: 45.18%
```

Run 10: Report of FillP — Data Link

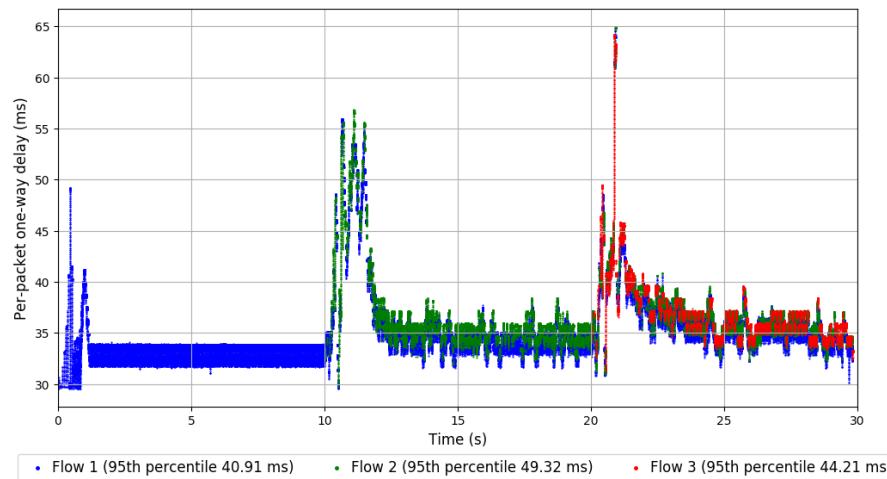
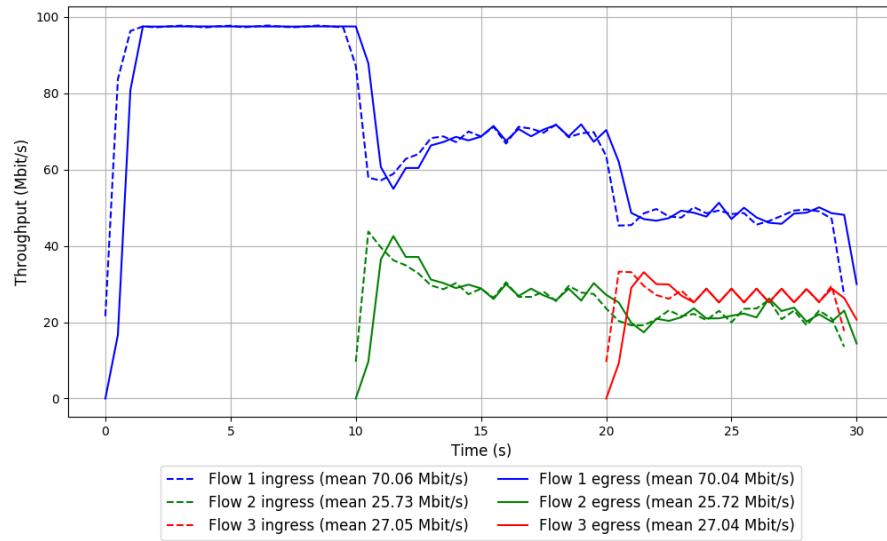


Run 1: Statistics of Indigo

```
Start at: 2018-05-24 13:56:42
End at: 2018-05-24 13:57:12
Local clock offset: 1.626 ms
Remote clock offset: 2.991 ms

# Below is generated by plot.py at 2018-05-24 17:34:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.96 Mbit/s
95th percentile per-packet one-way delay: 43.039 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 70.04 Mbit/s
95th percentile per-packet one-way delay: 40.914 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 25.72 Mbit/s
95th percentile per-packet one-way delay: 49.322 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 27.04 Mbit/s
95th percentile per-packet one-way delay: 44.206 ms
Loss rate: 0.04%
```

Run 1: Report of Indigo — Data Link

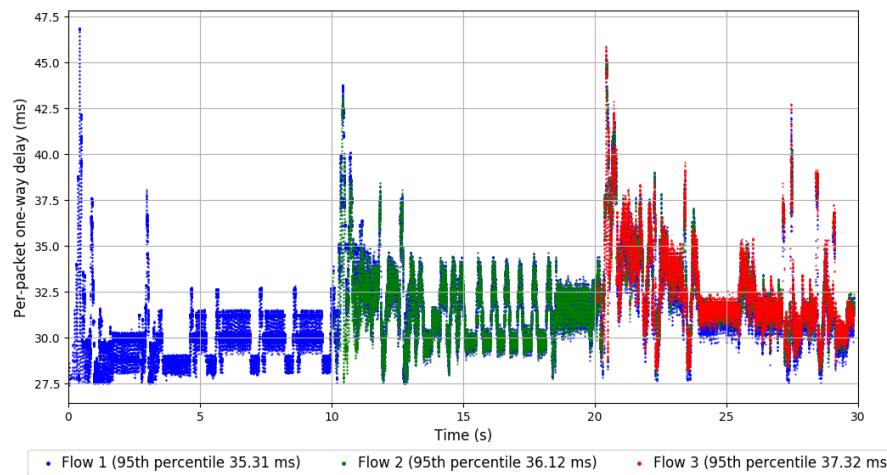
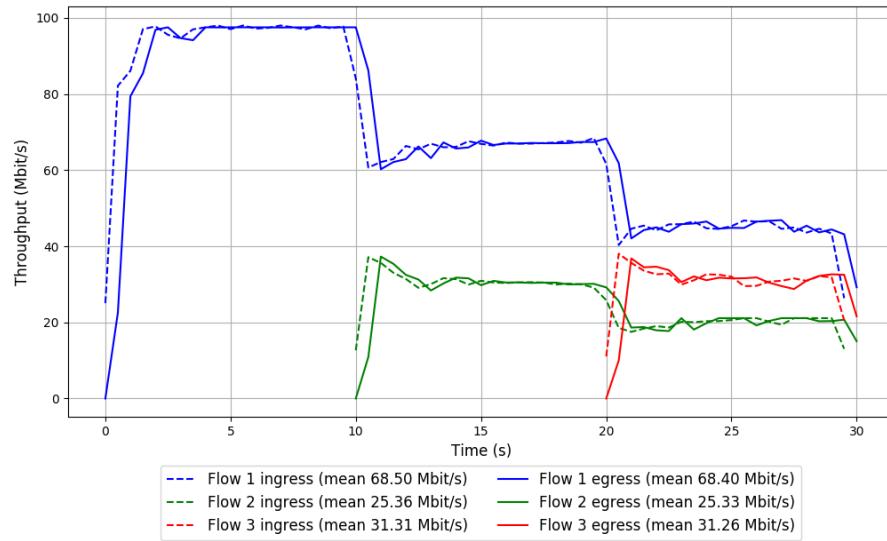


Run 2: Statistics of Indigo

```
Start at: 2018-05-24 14:17:58
End at: 2018-05-24 14:18:28
Local clock offset: -0.173 ms
Remote clock offset: 1.034 ms

# Below is generated by plot.py at 2018-05-24 17:34:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.42 Mbit/s
95th percentile per-packet one-way delay: 35.882 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 68.40 Mbit/s
95th percentile per-packet one-way delay: 35.315 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 25.33 Mbit/s
95th percentile per-packet one-way delay: 36.120 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 31.26 Mbit/s
95th percentile per-packet one-way delay: 37.321 ms
Loss rate: 0.17%
```

## Run 2: Report of Indigo — Data Link

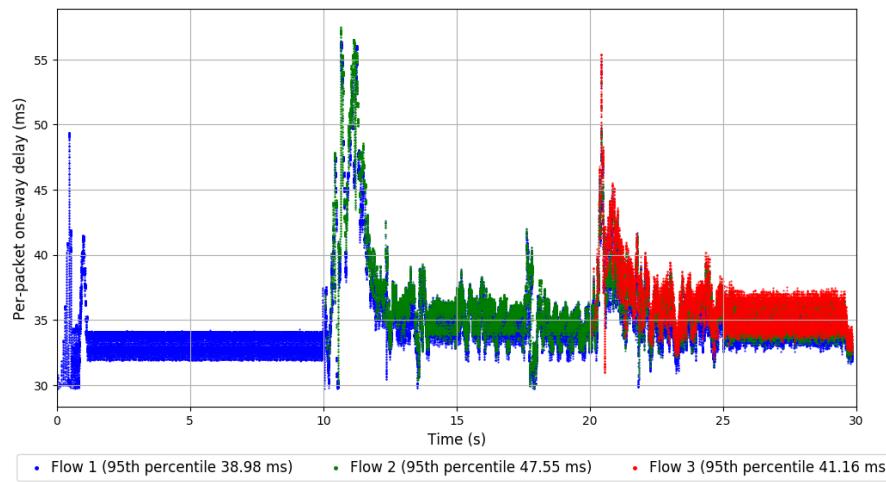
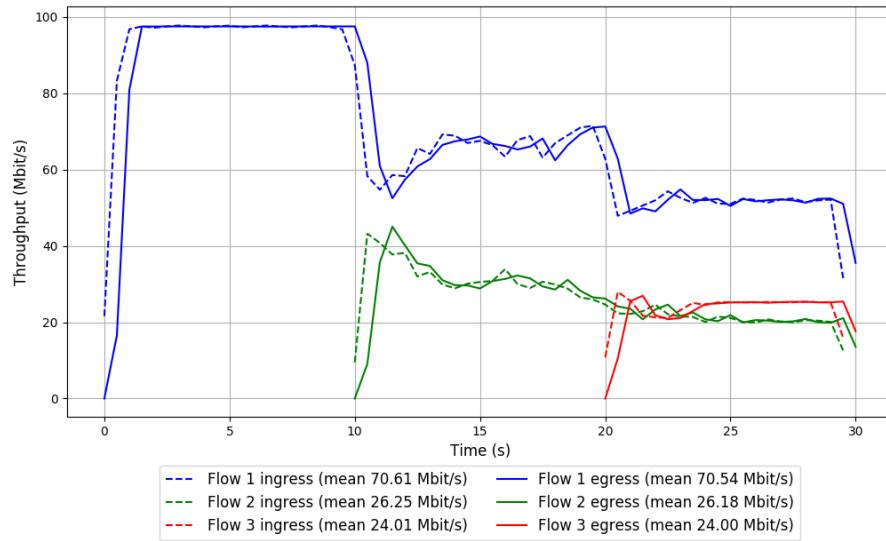


Run 3: Statistics of Indigo

```
Start at: 2018-05-24 14:39:14
End at: 2018-05-24 14:39:44
Local clock offset: -0.679 ms
Remote clock offset: 3.65 ms

# Below is generated by plot.py at 2018-05-24 17:34:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.78 Mbit/s
95th percentile per-packet one-way delay: 40.730 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 70.54 Mbit/s
95th percentile per-packet one-way delay: 38.982 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 26.18 Mbit/s
95th percentile per-packet one-way delay: 47.548 ms
Loss rate: 0.28%
-- Flow 3:
Average throughput: 24.00 Mbit/s
95th percentile per-packet one-way delay: 41.157 ms
Loss rate: 0.05%
```

### Run 3: Report of Indigo — Data Link

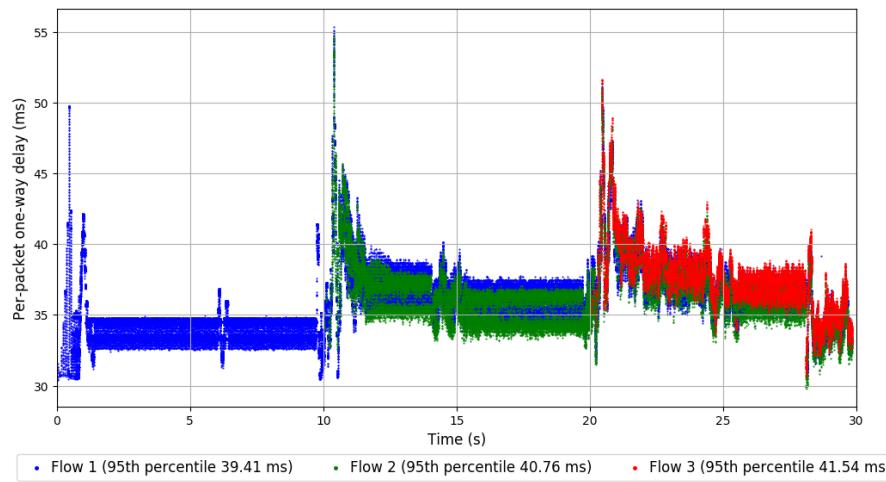
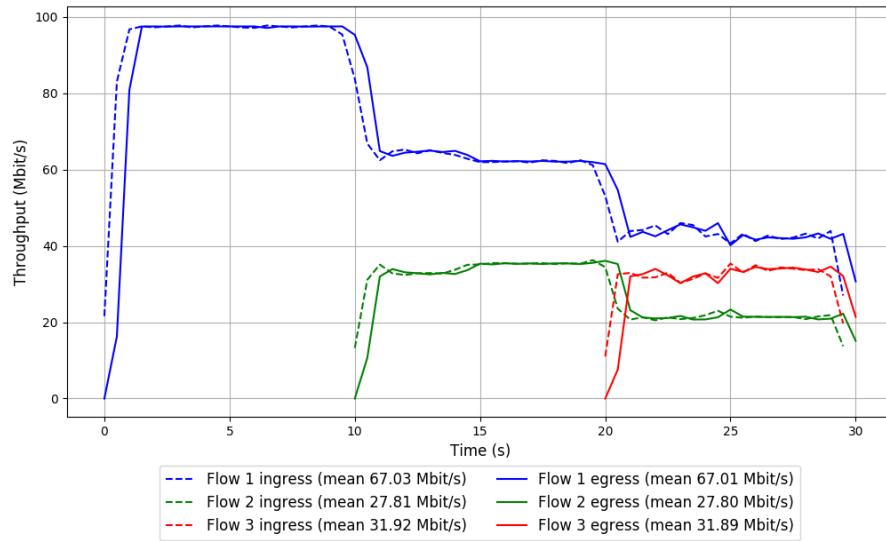


Run 4: Statistics of Indigo

```
Start at: 2018-05-24 15:00:30
End at: 2018-05-24 15:01:00
Local clock offset: -0.37 ms
Remote clock offset: 4.018 ms

# Below is generated by plot.py at 2018-05-24 17:34:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.92 Mbit/s
95th percentile per-packet one-way delay: 40.132 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 67.01 Mbit/s
95th percentile per-packet one-way delay: 39.410 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 27.80 Mbit/s
95th percentile per-packet one-way delay: 40.762 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 31.89 Mbit/s
95th percentile per-packet one-way delay: 41.538 ms
Loss rate: 0.11%
```

## Run 4: Report of Indigo — Data Link

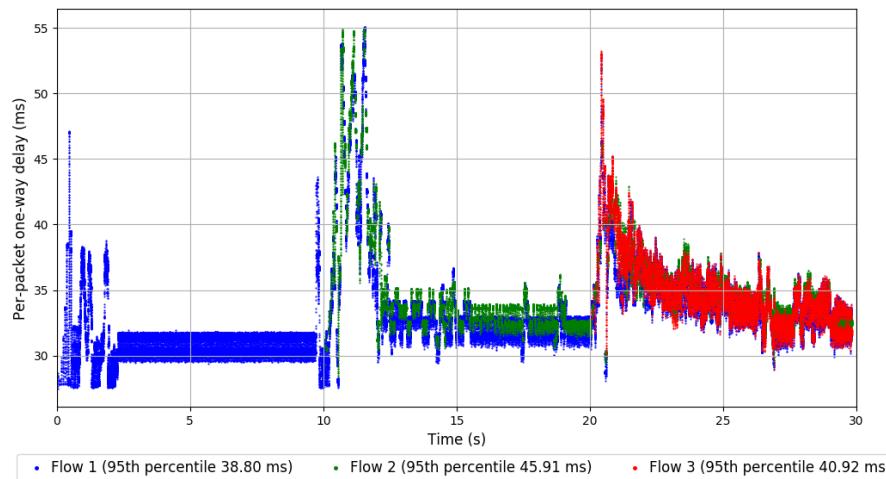
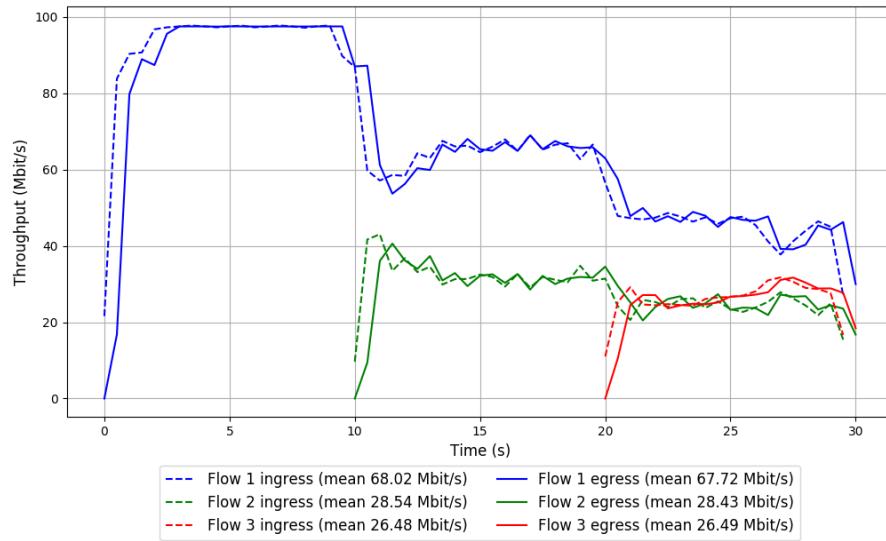


Run 5: Statistics of Indigo

```
Start at: 2018-05-24 15:21:48
End at: 2018-05-24 15:22:18
Local clock offset: 0.326 ms
Remote clock offset: 2.21 ms

# Below is generated by plot.py at 2018-05-24 17:34:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.23 Mbit/s
95th percentile per-packet one-way delay: 40.289 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 67.72 Mbit/s
95th percentile per-packet one-way delay: 38.803 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 28.43 Mbit/s
95th percentile per-packet one-way delay: 45.914 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 26.49 Mbit/s
95th percentile per-packet one-way delay: 40.921 ms
Loss rate: 0.00%
```

Run 5: Report of Indigo — Data Link

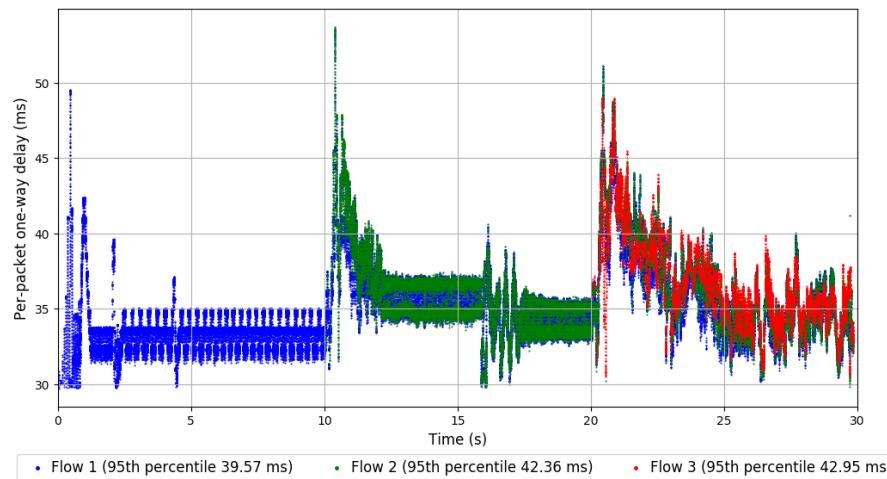
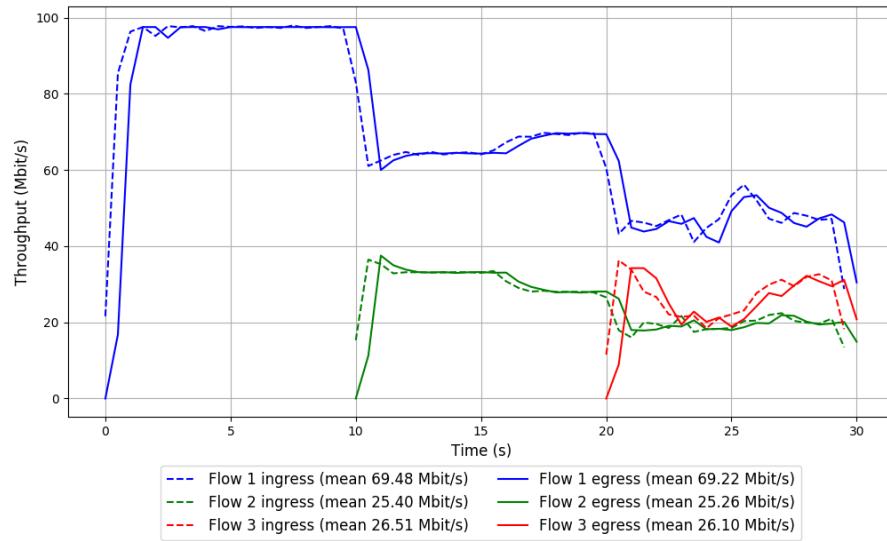


Run 6: Statistics of Indigo

```
Start at: 2018-05-24 15:43:04
End at: 2018-05-24 15:43:34
Local clock offset: 0.325 ms
Remote clock offset: 3.646 ms

# Below is generated by plot.py at 2018-05-24 17:34:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.56 Mbit/s
95th percentile per-packet one-way delay: 40.580 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 69.22 Mbit/s
95th percentile per-packet one-way delay: 39.574 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 25.26 Mbit/s
95th percentile per-packet one-way delay: 42.360 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 26.10 Mbit/s
95th percentile per-packet one-way delay: 42.953 ms
Loss rate: 1.58%
```

## Run 6: Report of Indigo — Data Link

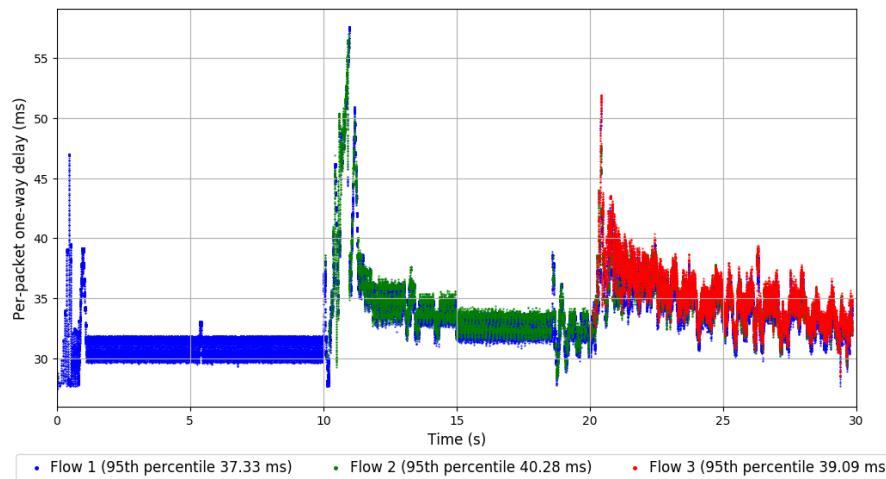
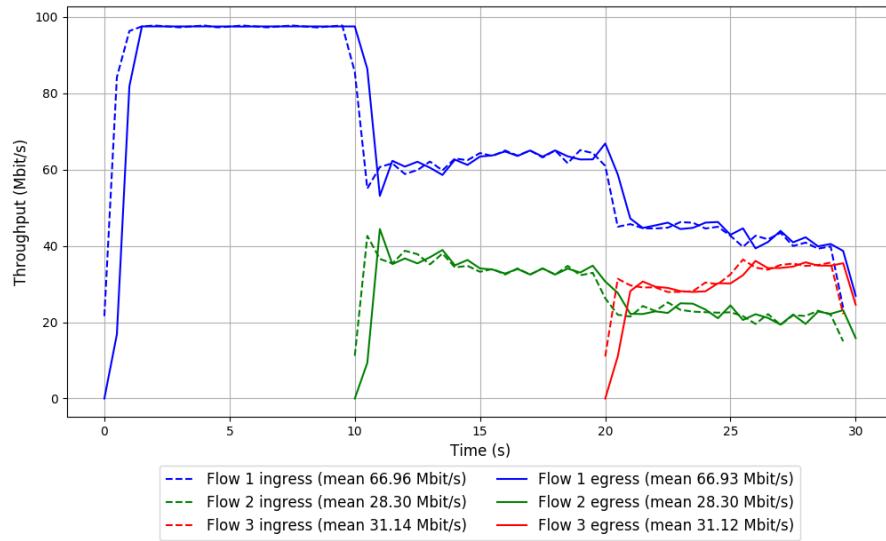


Run 7: Statistics of Indigo

```
Start at: 2018-05-24 16:04:20
End at: 2018-05-24 16:04:50
Local clock offset: 0.216 ms
Remote clock offset: 1.565 ms

# Below is generated by plot.py at 2018-05-24 17:35:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.92 Mbit/s
95th percentile per-packet one-way delay: 38.166 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 66.93 Mbit/s
95th percentile per-packet one-way delay: 37.328 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 28.30 Mbit/s
95th percentile per-packet one-way delay: 40.285 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 31.12 Mbit/s
95th percentile per-packet one-way delay: 39.085 ms
Loss rate: 0.03%
```

Run 7: Report of Indigo — Data Link

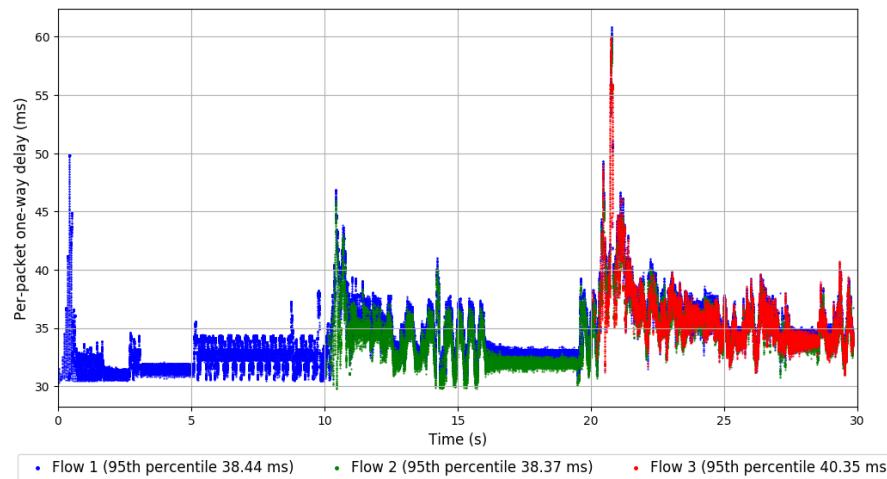
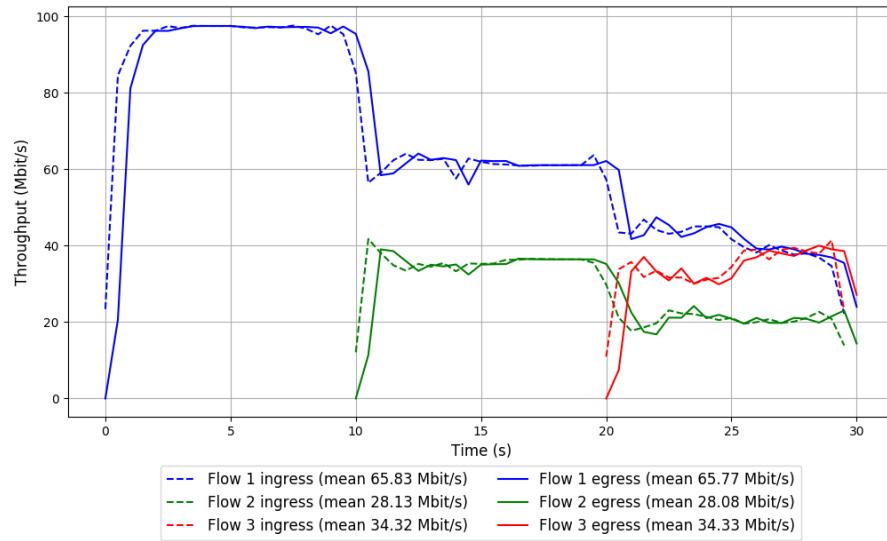


Run 8: Statistics of Indigo

```
Start at: 2018-05-24 16:25:35
End at: 2018-05-24 16:26:05
Local clock offset: -0.146 ms
Remote clock offset: 3.201 ms

# Below is generated by plot.py at 2018-05-24 17:35:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.63 Mbit/s
95th percentile per-packet one-way delay: 38.645 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 65.77 Mbit/s
95th percentile per-packet one-way delay: 38.439 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 28.08 Mbit/s
95th percentile per-packet one-way delay: 38.369 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 34.33 Mbit/s
95th percentile per-packet one-way delay: 40.351 ms
Loss rate: 0.00%
```

## Run 8: Report of Indigo — Data Link

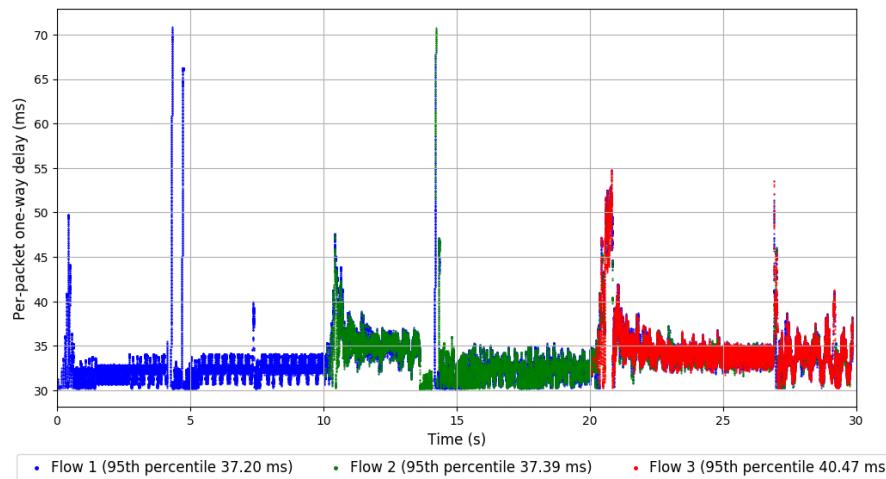
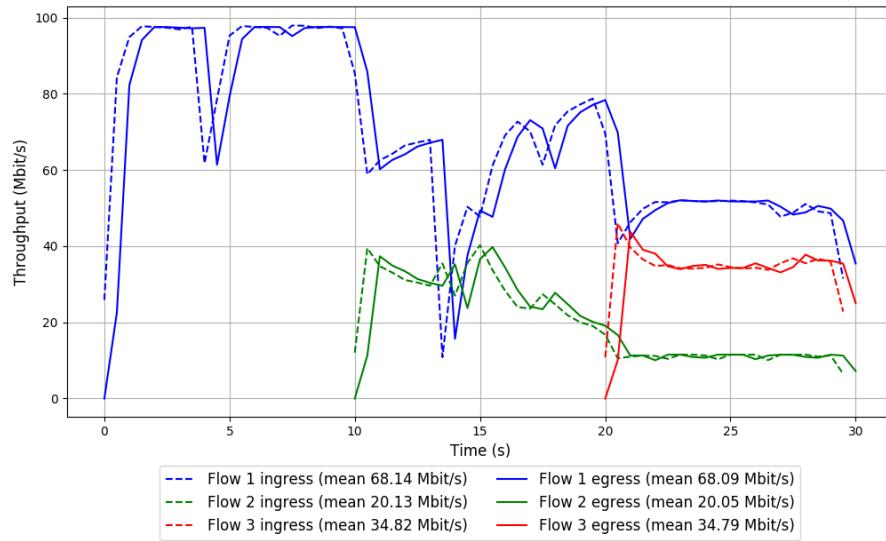


Run 9: Statistics of Indigo

```
Start at: 2018-05-24 16:46:49
End at: 2018-05-24 16:47:19
Local clock offset: 0.134 ms
Remote clock offset: 3.443 ms

# Below is generated by plot.py at 2018-05-24 17:35:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.78 Mbit/s
95th percentile per-packet one-way delay: 37.559 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 68.09 Mbit/s
95th percentile per-packet one-way delay: 37.195 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 20.05 Mbit/s
95th percentile per-packet one-way delay: 37.392 ms
Loss rate: 0.37%
-- Flow 3:
Average throughput: 34.79 Mbit/s
95th percentile per-packet one-way delay: 40.473 ms
Loss rate: 0.08%
```

Run 9: Report of Indigo — Data Link

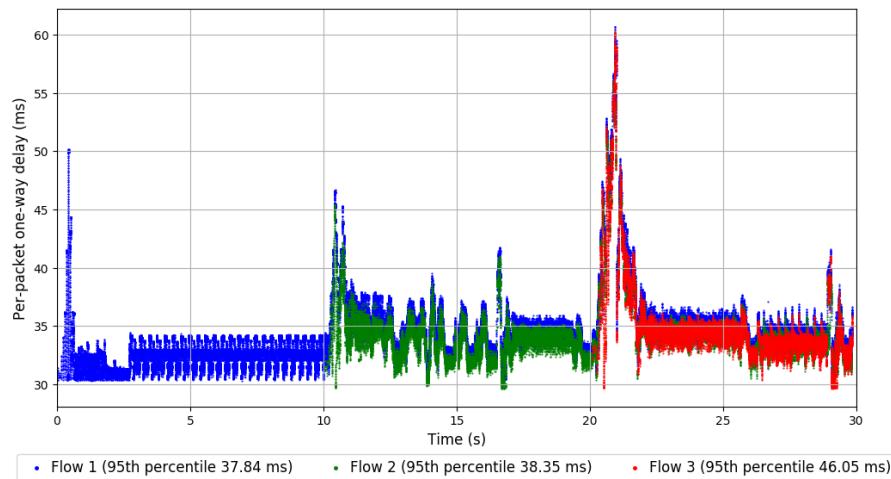
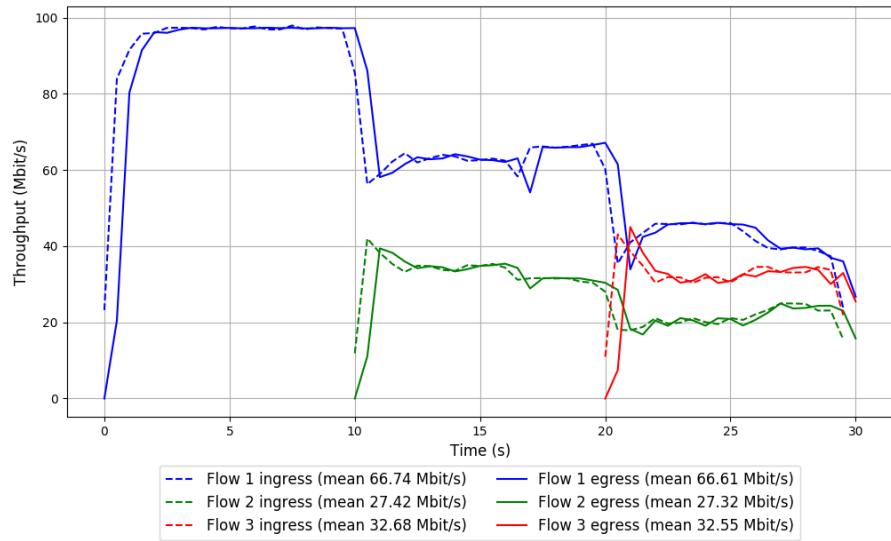


Run 10: Statistics of Indigo

```
Start at: 2018-05-24 17:08:06
End at: 2018-05-24 17:08:36
Local clock offset: 0.14 ms
Remote clock offset: 2.474 ms

# Below is generated by plot.py at 2018-05-24 17:35:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.36 Mbit/s
95th percentile per-packet one-way delay: 38.908 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 66.61 Mbit/s
95th percentile per-packet one-way delay: 37.839 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 27.32 Mbit/s
95th percentile per-packet one-way delay: 38.351 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 32.55 Mbit/s
95th percentile per-packet one-way delay: 46.048 ms
Loss rate: 0.39%
```

Run 10: Report of Indigo — Data Link

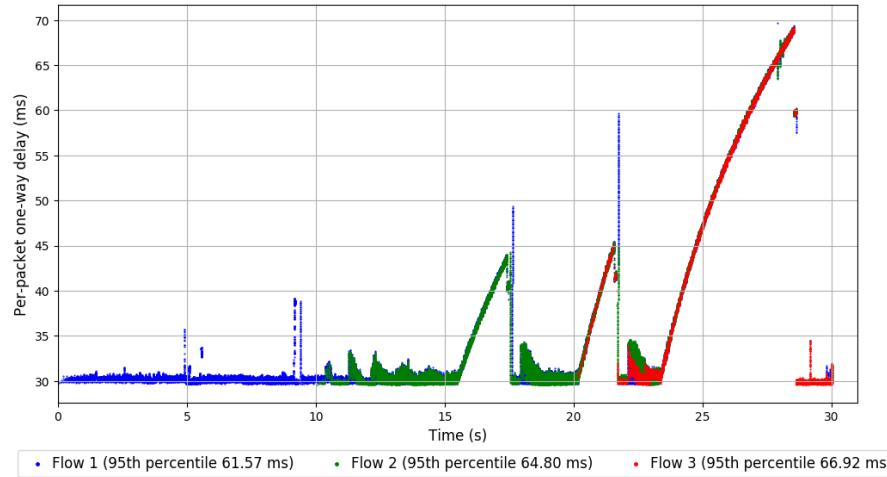
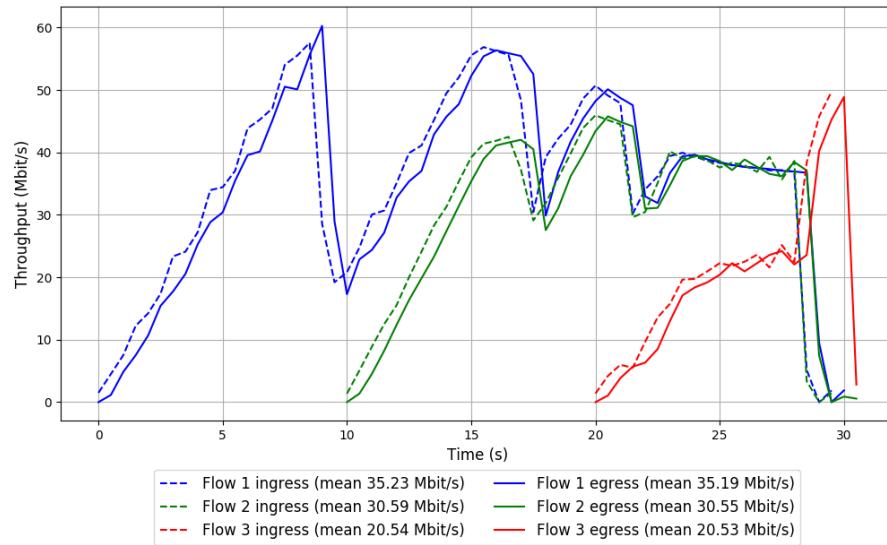


```
Run 1: Statistics of LEDBAT
```

```
Start at: 2018-05-24 14:10:03
End at: 2018-05-24 14:10:33
Local clock offset: 0.189 ms
Remote clock offset: 3.117 ms

# Below is generated by plot.py at 2018-05-24 17:35:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 62.33 Mbit/s
95th percentile per-packet one-way delay: 64.227 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 35.19 Mbit/s
95th percentile per-packet one-way delay: 61.569 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 30.55 Mbit/s
95th percentile per-packet one-way delay: 64.796 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 20.53 Mbit/s
95th percentile per-packet one-way delay: 66.918 ms
Loss rate: 0.04%
```

Run 1: Report of LEDBAT — Data Link

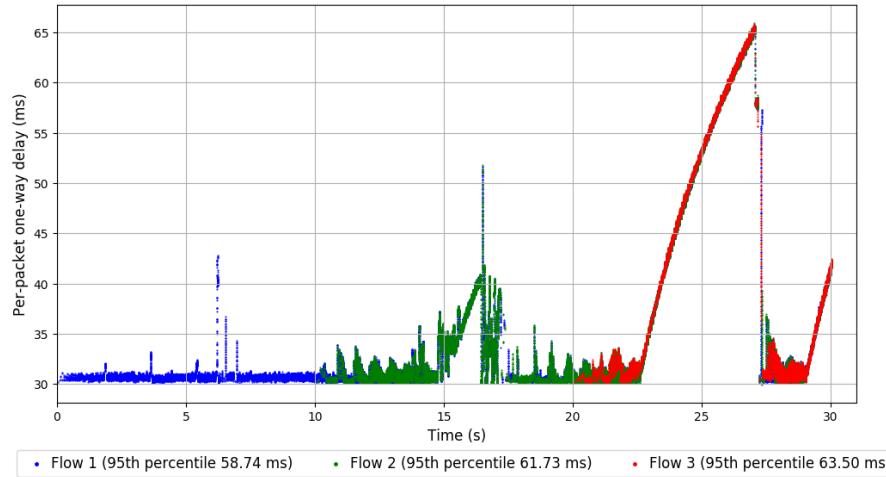
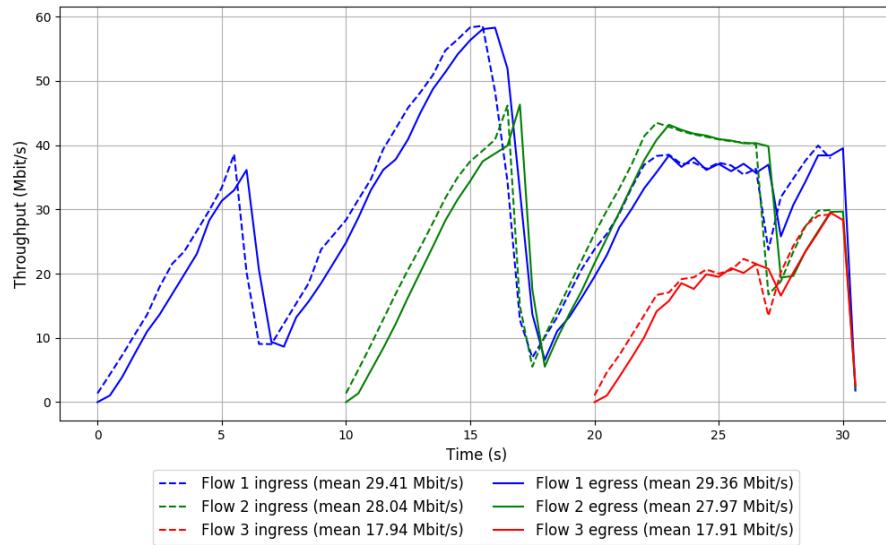


Run 2: Statistics of LEDBAT

```
Start at: 2018-05-24 14:31:20
End at: 2018-05-24 14:31:50
Local clock offset: -0.473 ms
Remote clock offset: 3.915 ms

# Below is generated by plot.py at 2018-05-24 17:35:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.96 Mbit/s
95th percentile per-packet one-way delay: 61.125 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 29.36 Mbit/s
95th percentile per-packet one-way delay: 58.745 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 27.97 Mbit/s
95th percentile per-packet one-way delay: 61.734 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 17.91 Mbit/s
95th percentile per-packet one-way delay: 63.499 ms
Loss rate: 0.07%
```

Run 2: Report of LEDBAT — Data Link

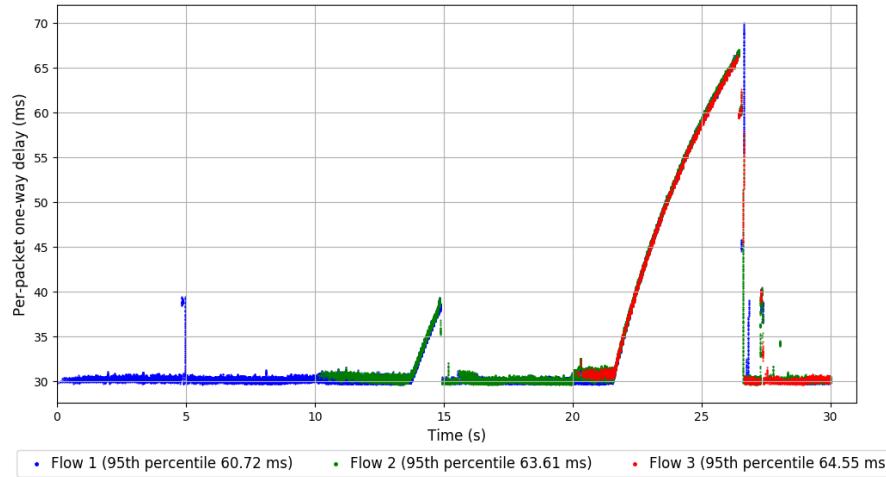
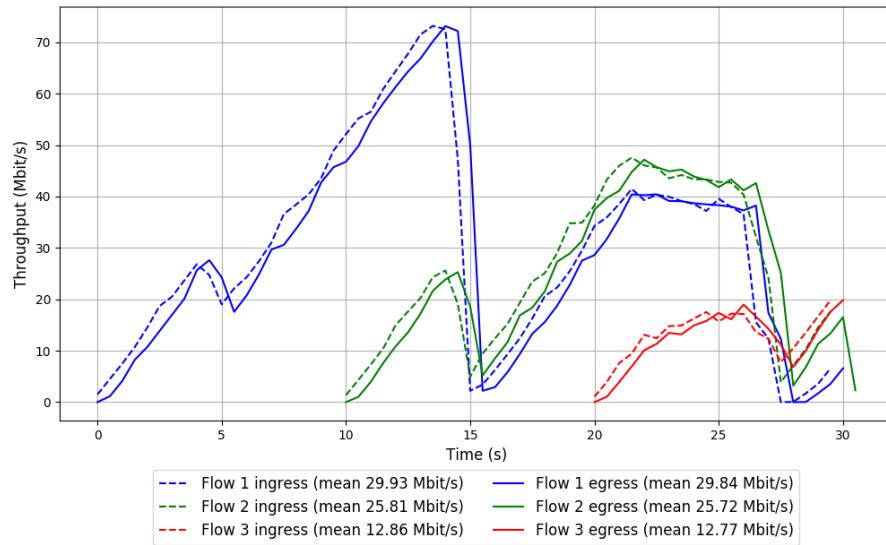


Run 3: Statistics of LEDBAT

```
Start at: 2018-05-24 14:52:35
End at: 2018-05-24 14:53:05
Local clock offset: -0.923 ms
Remote clock offset: 3.885 ms

# Below is generated by plot.py at 2018-05-24 17:35:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 51.15 Mbit/s
95th percentile per-packet one-way delay: 62.655 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 29.84 Mbit/s
95th percentile per-packet one-way delay: 60.716 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 25.72 Mbit/s
95th percentile per-packet one-way delay: 63.608 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 12.77 Mbit/s
95th percentile per-packet one-way delay: 64.554 ms
Loss rate: 0.70%
```

Run 3: Report of LEDBAT — Data Link

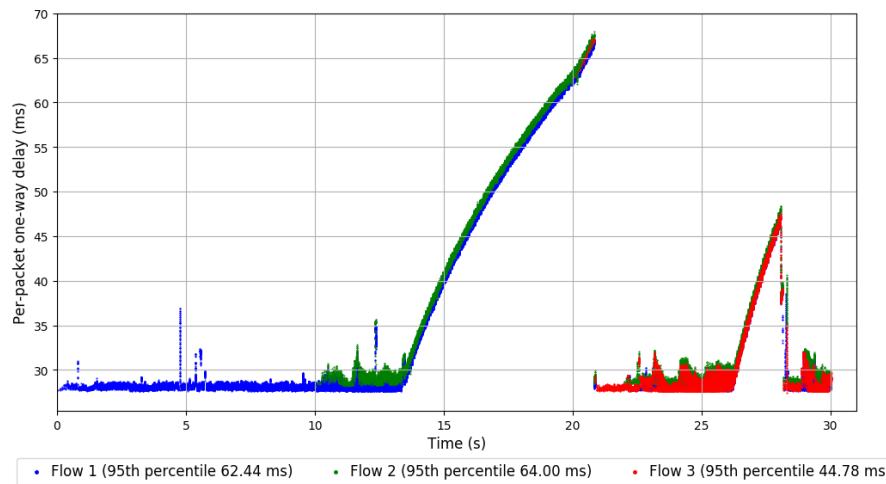
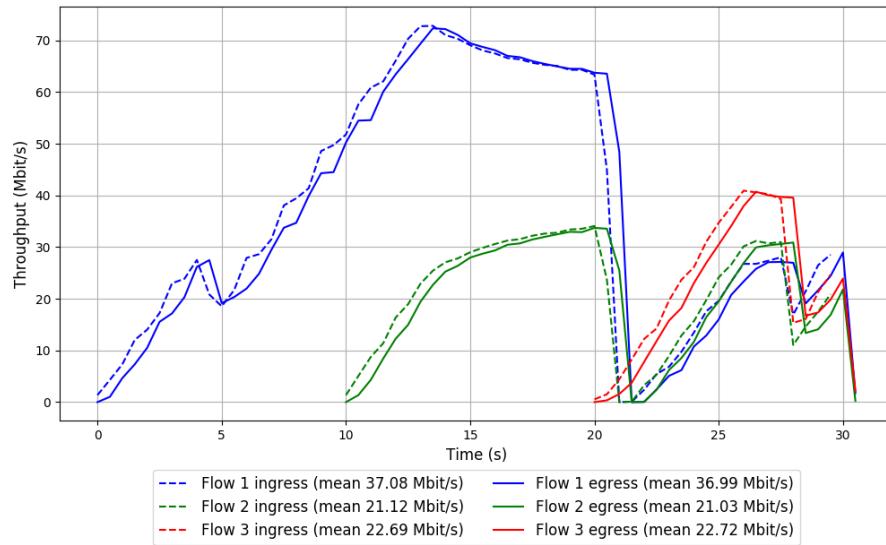


Run 4: Statistics of LEDBAT

```
Start at: 2018-05-24 15:13:53
End at: 2018-05-24 15:14:23
Local clock offset: 0.254 ms
Remote clock offset: 2.152 ms

# Below is generated by plot.py at 2018-05-24 17:35:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 58.54 Mbit/s
95th percentile per-packet one-way delay: 62.507 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 36.99 Mbit/s
95th percentile per-packet one-way delay: 62.437 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 21.03 Mbit/s
95th percentile per-packet one-way delay: 63.998 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 22.72 Mbit/s
95th percentile per-packet one-way delay: 44.778 ms
Loss rate: 0.19%
```

Run 4: Report of LEDBAT — Data Link

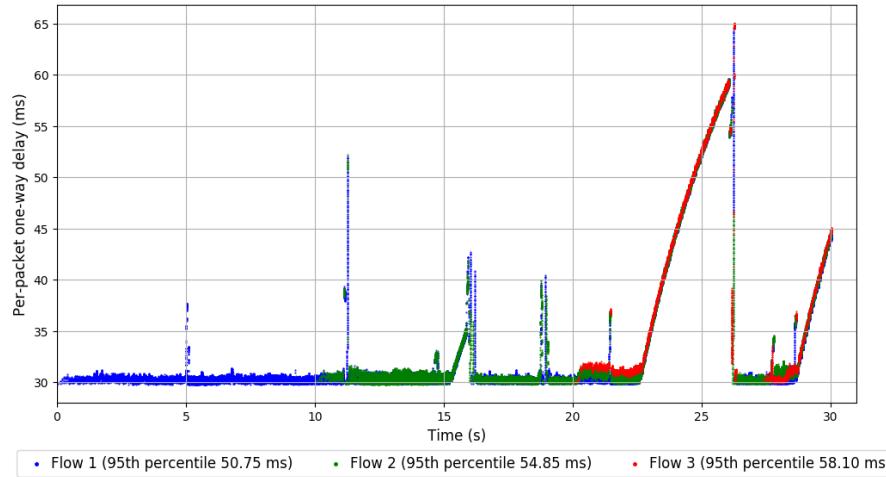
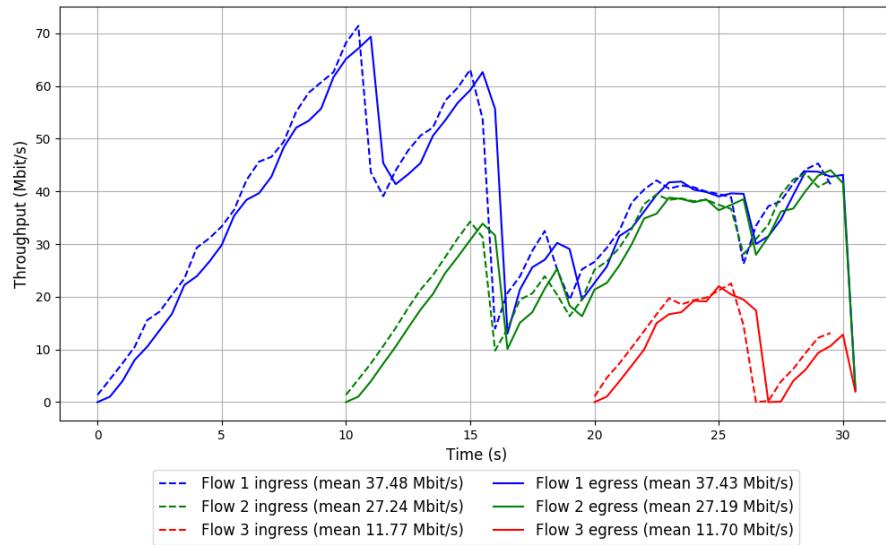


Run 5: Statistics of LEDBAT

```
Start at: 2018-05-24 15:35:10
End at: 2018-05-24 15:35:40
Local clock offset: 0.386 ms
Remote clock offset: 4.528 ms

# Below is generated by plot.py at 2018-05-24 17:35:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 59.44 Mbit/s
95th percentile per-packet one-way delay: 54.184 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 37.43 Mbit/s
95th percentile per-packet one-way delay: 50.753 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 27.19 Mbit/s
95th percentile per-packet one-way delay: 54.847 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 11.70 Mbit/s
95th percentile per-packet one-way delay: 58.104 ms
Loss rate: 0.42%
```

Run 5: Report of LEDBAT — Data Link

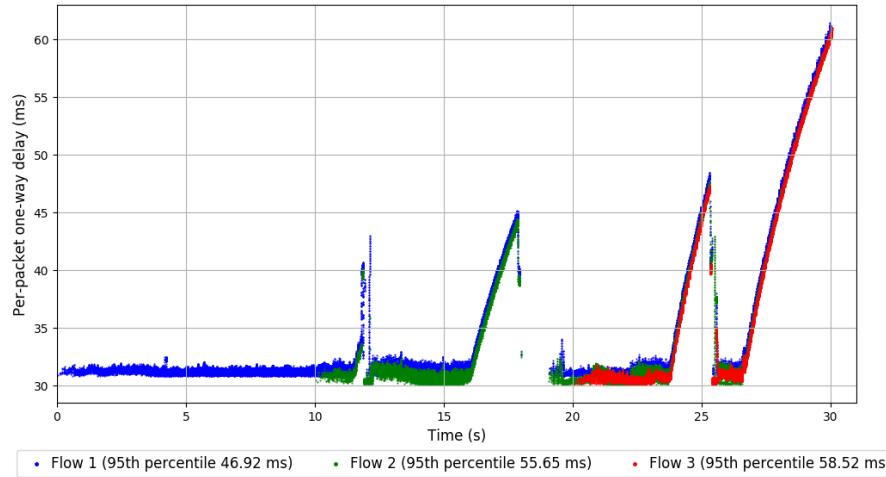
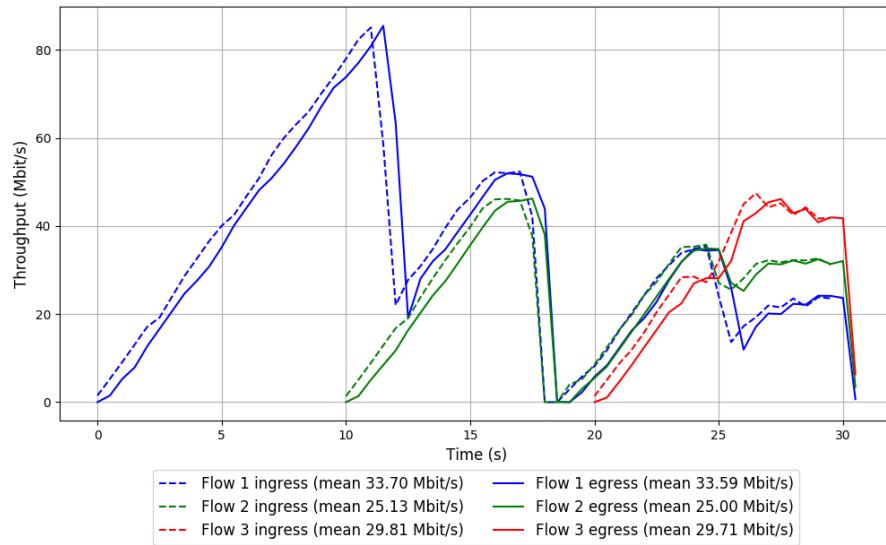


Run 6: Statistics of LEDBAT

```
Start at: 2018-05-24 15:56:25
End at: 2018-05-24 15:56:55
Local clock offset: 0.359 ms
Remote clock offset: 3.864 ms

# Below is generated by plot.py at 2018-05-24 17:35:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 60.10 Mbit/s
95th percentile per-packet one-way delay: 54.805 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 33.59 Mbit/s
95th percentile per-packet one-way delay: 46.923 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 25.00 Mbit/s
95th percentile per-packet one-way delay: 55.646 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 29.71 Mbit/s
95th percentile per-packet one-way delay: 58.518 ms
Loss rate: 0.00%
```

Run 6: Report of LEDBAT — Data Link

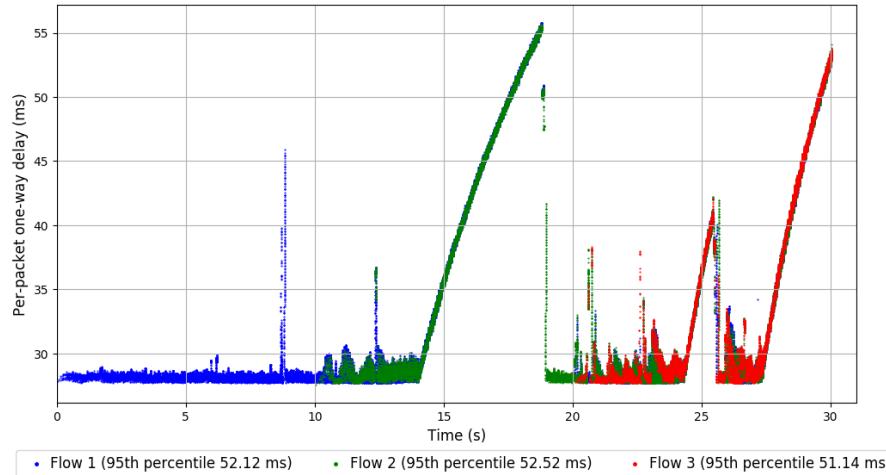
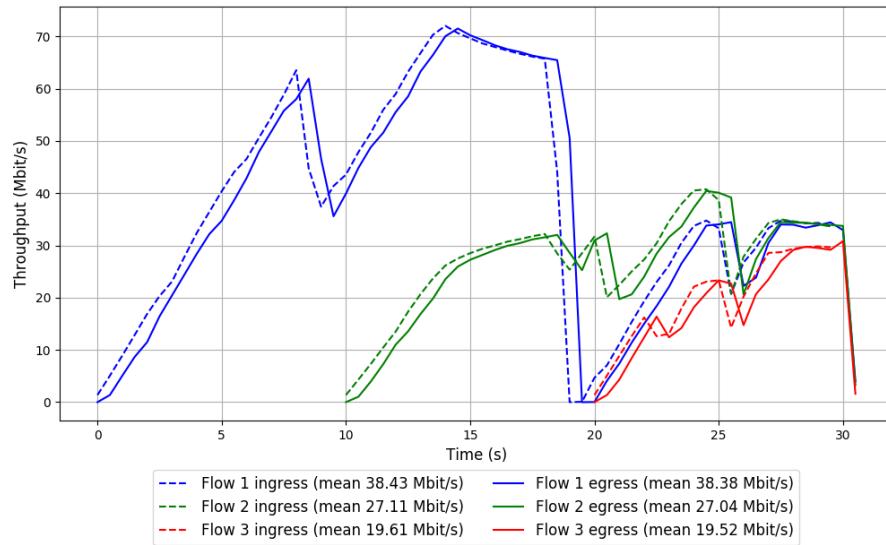


Run 7: Statistics of LEDBAT

```
Start at: 2018-05-24 16:17:41
End at: 2018-05-24 16:18:11
Local clock offset: -0.096 ms
Remote clock offset: 1.199 ms

# Below is generated by plot.py at 2018-05-24 17:35:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 62.90 Mbit/s
95th percentile per-packet one-way delay: 52.121 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 38.38 Mbit/s
95th percentile per-packet one-way delay: 52.120 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 27.04 Mbit/s
95th percentile per-packet one-way delay: 52.521 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 19.52 Mbit/s
95th percentile per-packet one-way delay: 51.138 ms
Loss rate: 0.21%
```

Run 7: Report of LEDBAT — Data Link

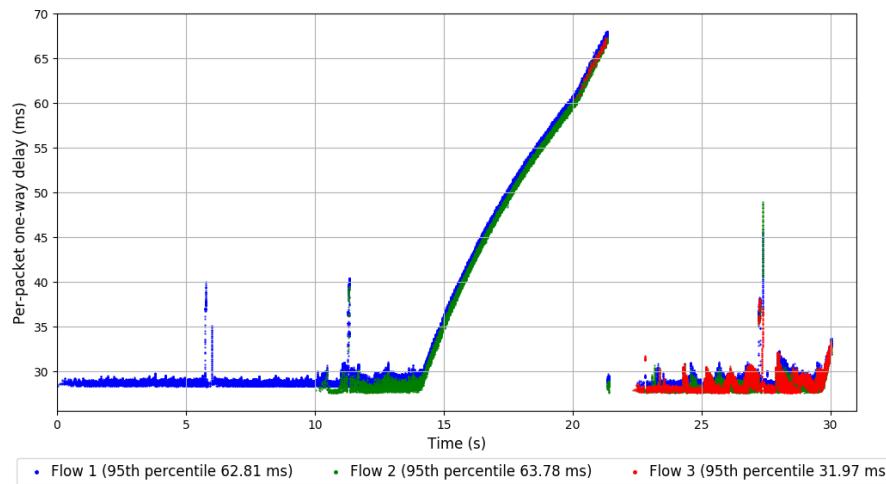
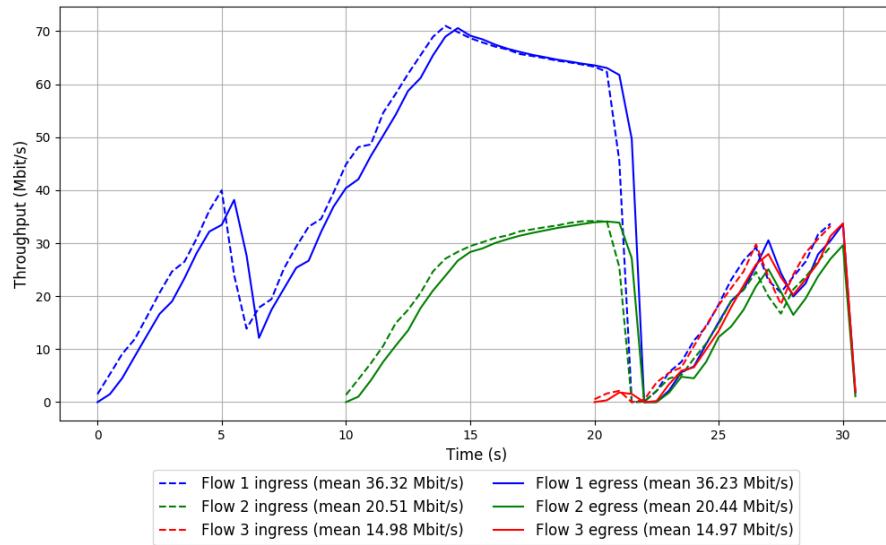


Run 8: Statistics of LEDBAT

```
Start at: 2018-05-24 16:38:55
End at: 2018-05-24 16:39:25
Local clock offset: 0.182 ms
Remote clock offset: 1.323 ms

# Below is generated by plot.py at 2018-05-24 17:35:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.80 Mbit/s
95th percentile per-packet one-way delay: 62.808 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 36.23 Mbit/s
95th percentile per-packet one-way delay: 62.809 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 20.44 Mbit/s
95th percentile per-packet one-way delay: 63.783 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 14.97 Mbit/s
95th percentile per-packet one-way delay: 31.968 ms
Loss rate: 0.28%
```

Run 8: Report of LEDBAT — Data Link

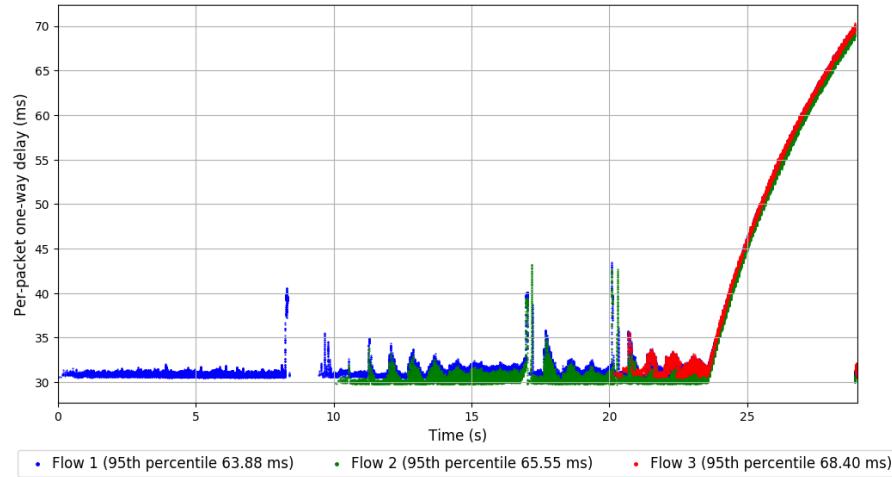
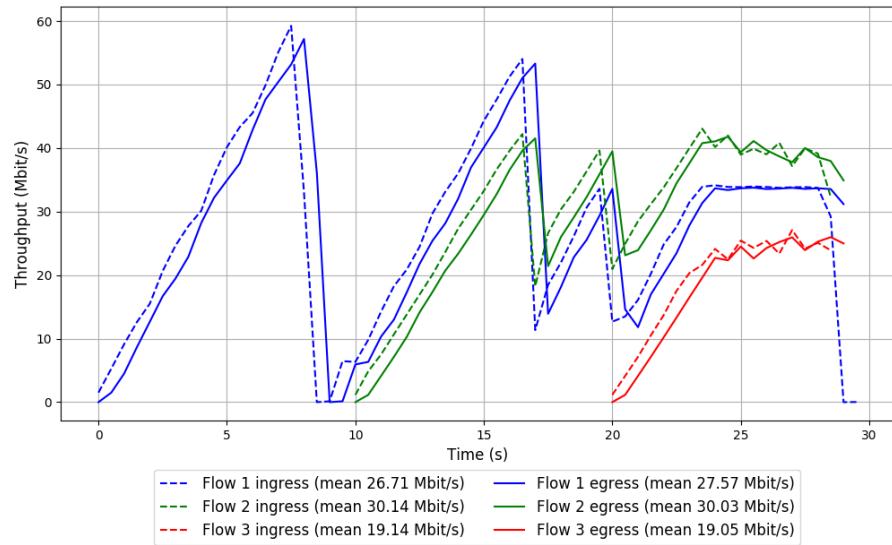


Run 9: Statistics of LEDBAT

```
Start at: 2018-05-24 17:00:10
End at: 2018-05-24 17:00:40
Local clock offset: 0.13 ms
Remote clock offset: 2.67 ms

# Below is generated by plot.py at 2018-05-24 17:35:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.08 Mbit/s
95th percentile per-packet one-way delay: 65.773 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 27.57 Mbit/s
95th percentile per-packet one-way delay: 63.877 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 30.03 Mbit/s
95th percentile per-packet one-way delay: 65.546 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 19.05 Mbit/s
95th percentile per-packet one-way delay: 68.401 ms
Loss rate: 0.49%
```

Run 9: Report of LEDBAT — Data Link

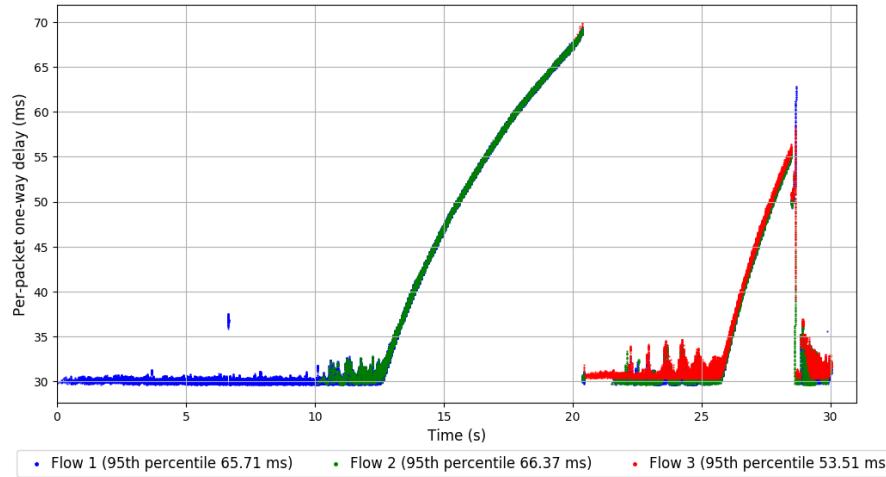
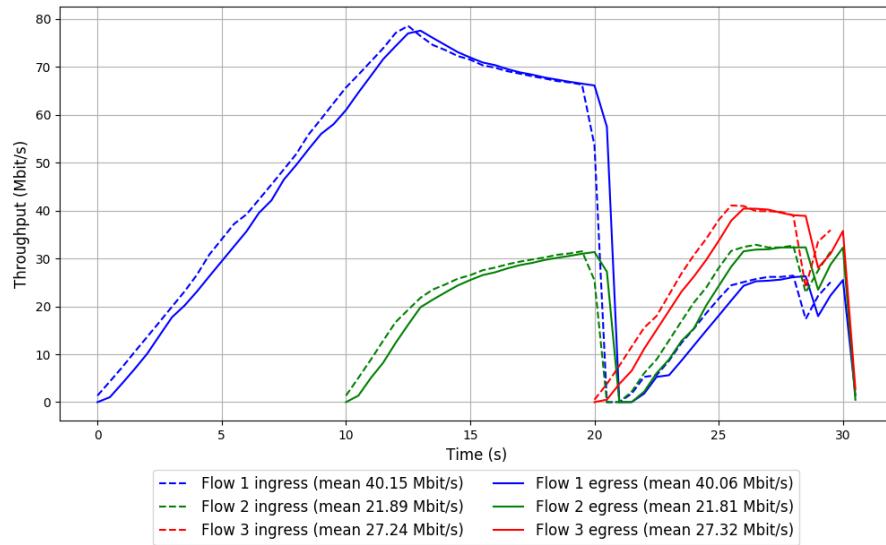


Run 10: Statistics of LEDBAT

```
Start at: 2018-05-24 17:21:27
End at: 2018-05-24 17:21:57
Local clock offset: 0.143 ms
Remote clock offset: 2.206 ms

# Below is generated by plot.py at 2018-05-24 17:36:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 63.64 Mbit/s
95th percentile per-packet one-way delay: 65.482 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 40.06 Mbit/s
95th percentile per-packet one-way delay: 65.712 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 21.81 Mbit/s
95th percentile per-packet one-way delay: 66.372 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 27.32 Mbit/s
95th percentile per-packet one-way delay: 53.509 ms
Loss rate: 0.07%
```

## Run 10: Report of LEDBAT — Data Link

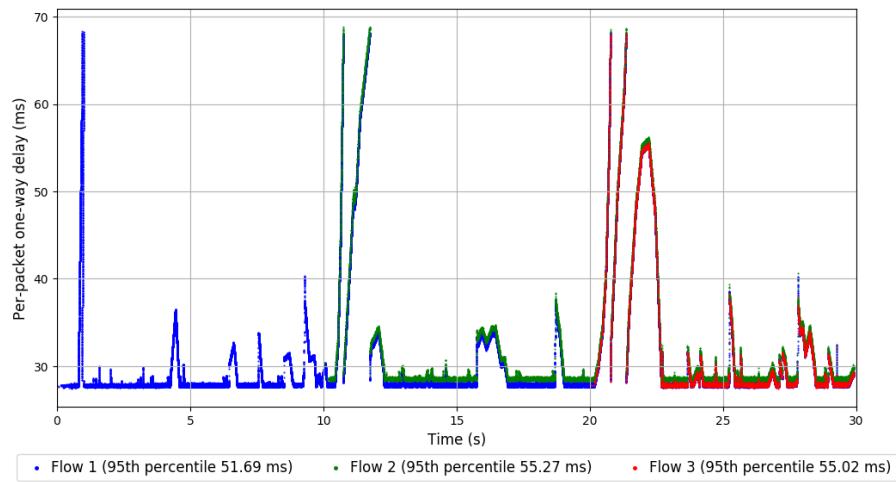
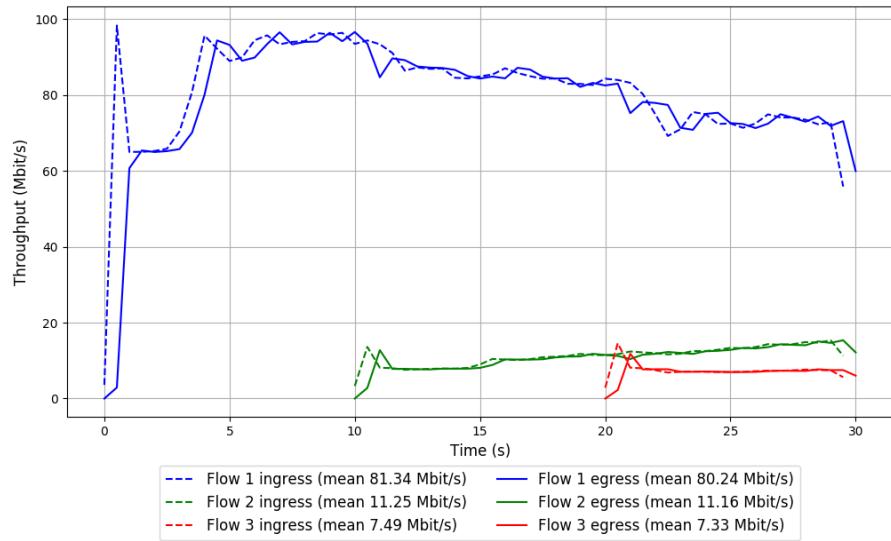


Run 1: Statistics of PCC-Allegro

```
Start at: 2018-05-24 14:06:05
End at: 2018-05-24 14:06:35
Local clock offset: 0.452 ms
Remote clock offset: 1.012 ms

# Below is generated by plot.py at 2018-05-24 17:36:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.08 Mbit/s
95th percentile per-packet one-way delay: 52.495 ms
Loss rate: 1.32%
-- Flow 1:
Average throughput: 80.24 Mbit/s
95th percentile per-packet one-way delay: 51.692 ms
Loss rate: 1.34%
-- Flow 2:
Average throughput: 11.16 Mbit/s
95th percentile per-packet one-way delay: 55.275 ms
Loss rate: 0.78%
-- Flow 3:
Average throughput: 7.33 Mbit/s
95th percentile per-packet one-way delay: 55.025 ms
Loss rate: 2.25%
```

Run 1: Report of PCC-Allegro — Data Link

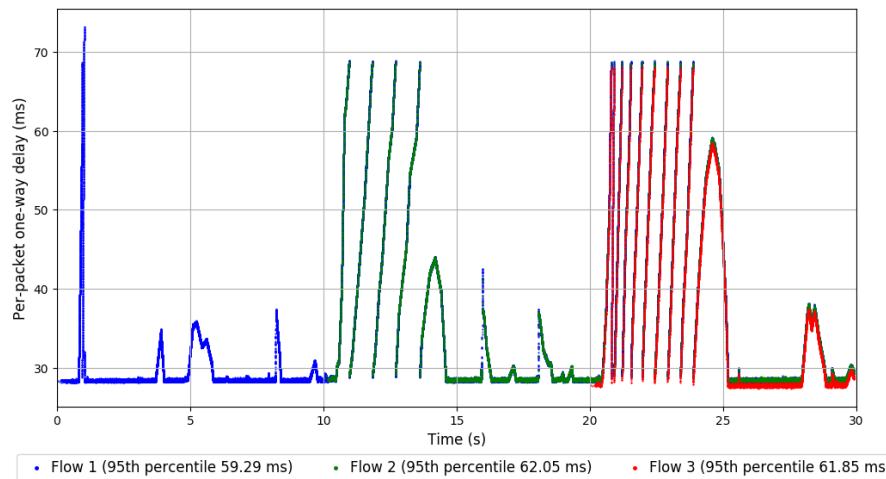
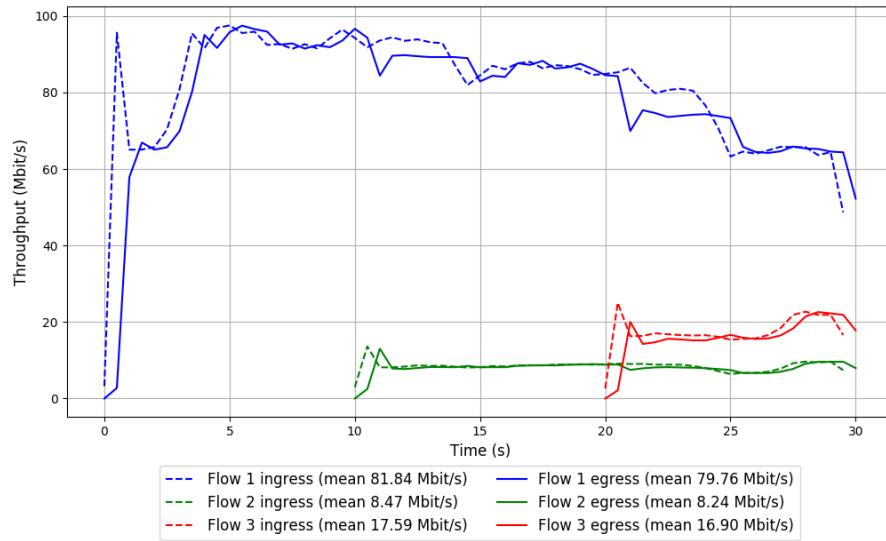


Run 2: Statistics of PCC-Allegro

```
Start at: 2018-05-24 14:27:20
End at: 2018-05-24 14:27:50
Local clock offset: -0.44 ms
Remote clock offset: 1.182 ms

# Below is generated by plot.py at 2018-05-24 17:36:40
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.81 Mbit/s
95th percentile per-packet one-way delay: 59.753 ms
Loss rate: 2.64%
-- Flow 1:
Average throughput: 79.76 Mbit/s
95th percentile per-packet one-way delay: 59.291 ms
Loss rate: 2.54%
-- Flow 2:
Average throughput: 8.24 Mbit/s
95th percentile per-packet one-way delay: 62.047 ms
Loss rate: 2.72%
-- Flow 3:
Average throughput: 16.90 Mbit/s
95th percentile per-packet one-way delay: 61.848 ms
Loss rate: 3.89%
```

Run 2: Report of PCC-Allegro — Data Link

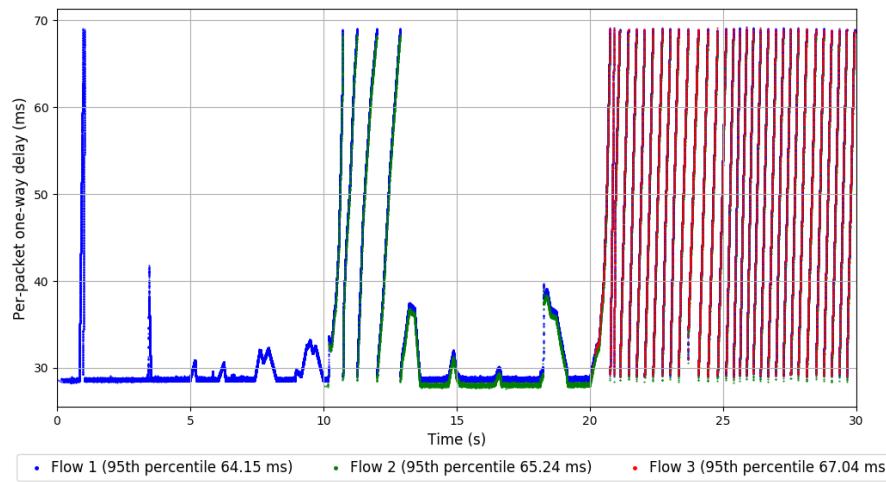
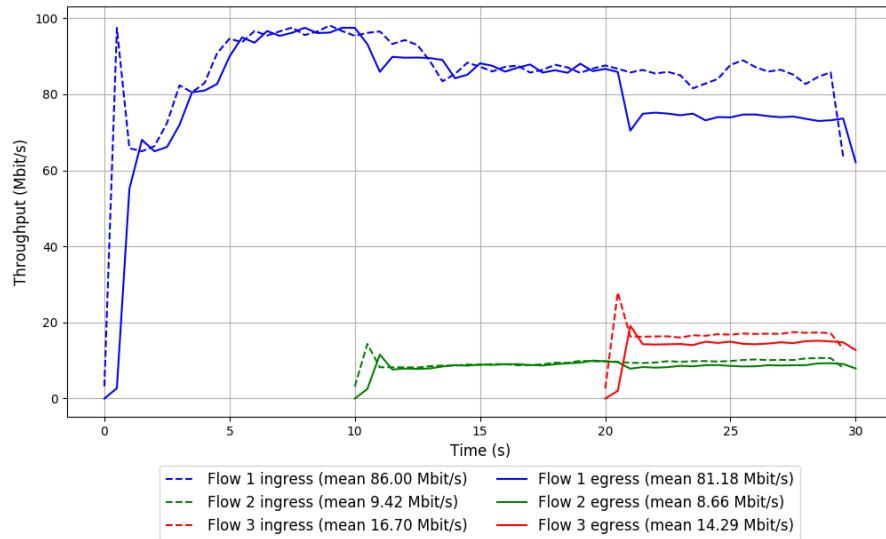


Run 3: Statistics of PCC-Allegro

```
Start at: 2018-05-24 14:48:37
End at: 2018-05-24 14:49:07
Local clock offset: -0.927 ms
Remote clock offset: 1.799 ms

# Below is generated by plot.py at 2018-05-24 17:37:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.66 Mbit/s
95th percentile per-packet one-way delay: 64.575 ms
Loss rate: 6.18%
-- Flow 1:
Average throughput: 81.18 Mbit/s
95th percentile per-packet one-way delay: 64.147 ms
Loss rate: 5.54%
-- Flow 2:
Average throughput: 8.66 Mbit/s
95th percentile per-packet one-way delay: 65.237 ms
Loss rate: 7.88%
-- Flow 3:
Average throughput: 14.29 Mbit/s
95th percentile per-packet one-way delay: 67.044 ms
Loss rate: 14.32%
```

### Run 3: Report of PCC-Allegro — Data Link

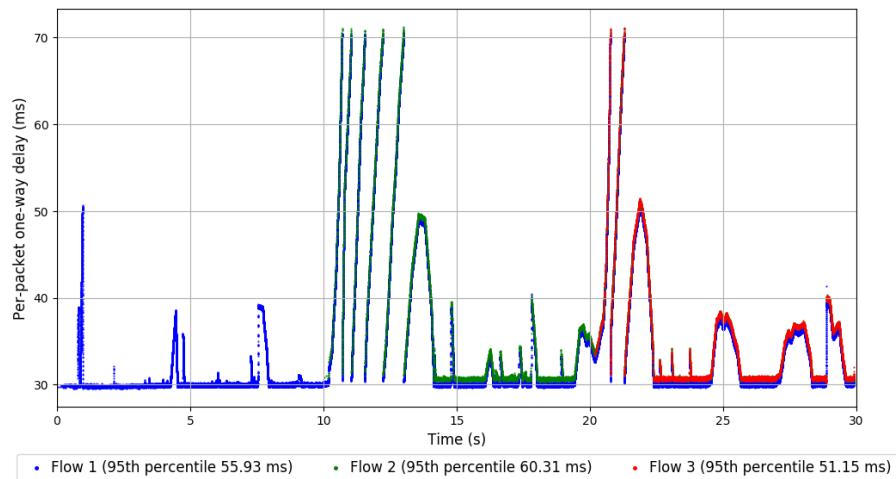
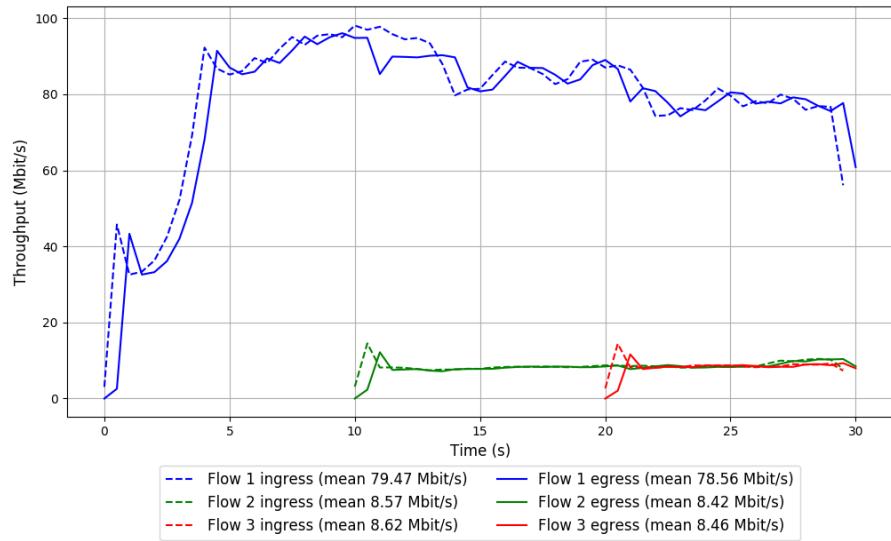


Run 4: Statistics of PCC-Allegro

```
Start at: 2018-05-24 15:09:53
End at: 2018-05-24 15:10:23
Local clock offset: 0.167 ms
Remote clock offset: 4.16 ms

# Below is generated by plot.py at 2018-05-24 17:37:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.95 Mbit/s
95th percentile per-packet one-way delay: 56.175 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 78.56 Mbit/s
95th percentile per-packet one-way delay: 55.931 ms
Loss rate: 1.15%
-- Flow 2:
Average throughput: 8.42 Mbit/s
95th percentile per-packet one-way delay: 60.315 ms
Loss rate: 1.77%
-- Flow 3:
Average throughput: 8.46 Mbit/s
95th percentile per-packet one-way delay: 51.151 ms
Loss rate: 1.92%
```

Run 4: Report of PCC-Allegro — Data Link

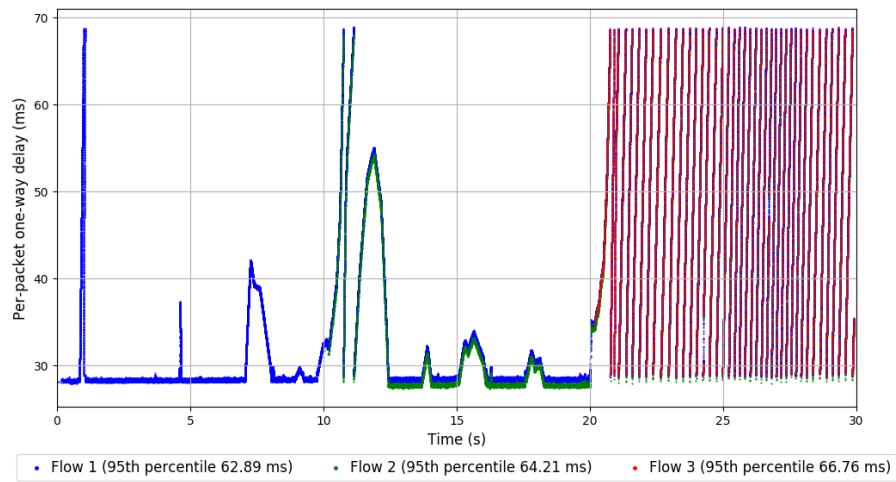
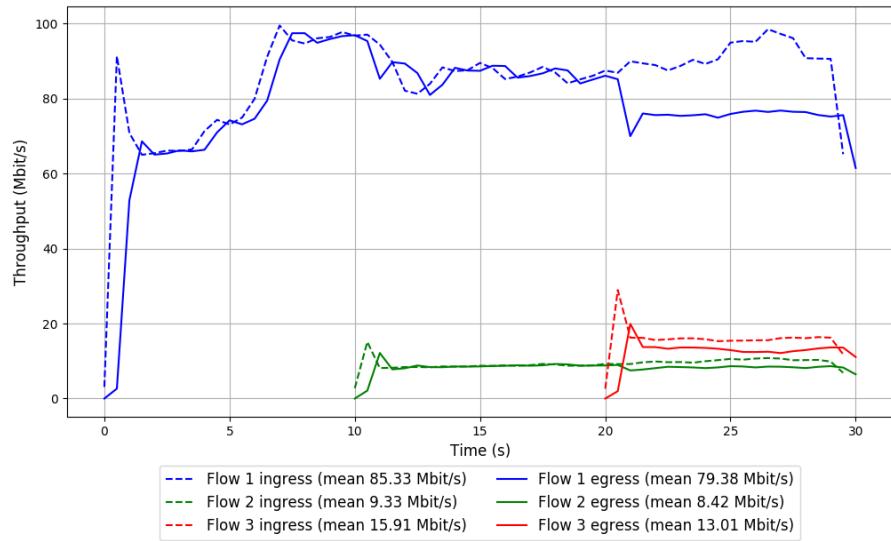


Run 5: Statistics of PCC-Allegro

```
Start at: 2018-05-24 15:31:11
End at: 2018-05-24 15:31:41
Local clock offset: 0.385 ms
Remote clock offset: 2.349 ms

# Below is generated by plot.py at 2018-05-24 17:37:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.27 Mbit/s
95th percentile per-packet one-way delay: 63.502 ms
Loss rate: 7.74%
-- Flow 1:
Average throughput: 79.38 Mbit/s
95th percentile per-packet one-way delay: 62.890 ms
Loss rate: 6.95%
-- Flow 2:
Average throughput: 8.42 Mbit/s
95th percentile per-packet one-way delay: 64.209 ms
Loss rate: 9.73%
-- Flow 3:
Average throughput: 13.01 Mbit/s
95th percentile per-packet one-way delay: 66.758 ms
Loss rate: 18.26%
```

Run 5: Report of PCC-Allegro — Data Link

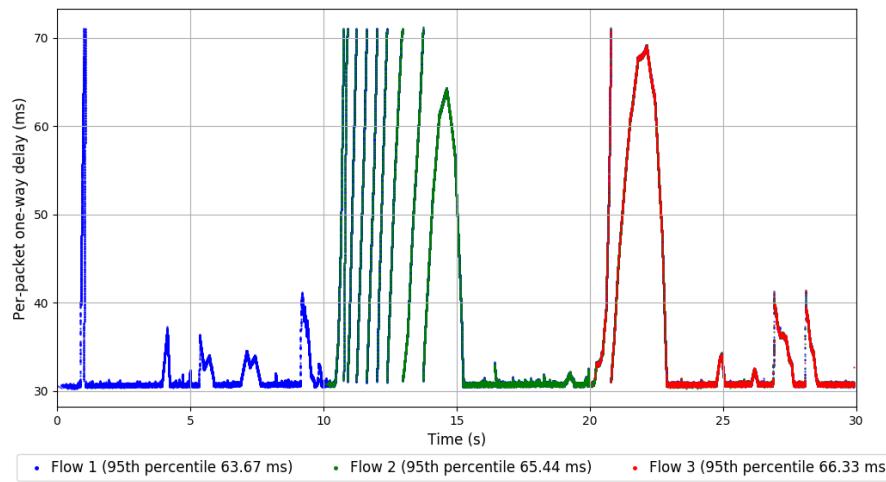
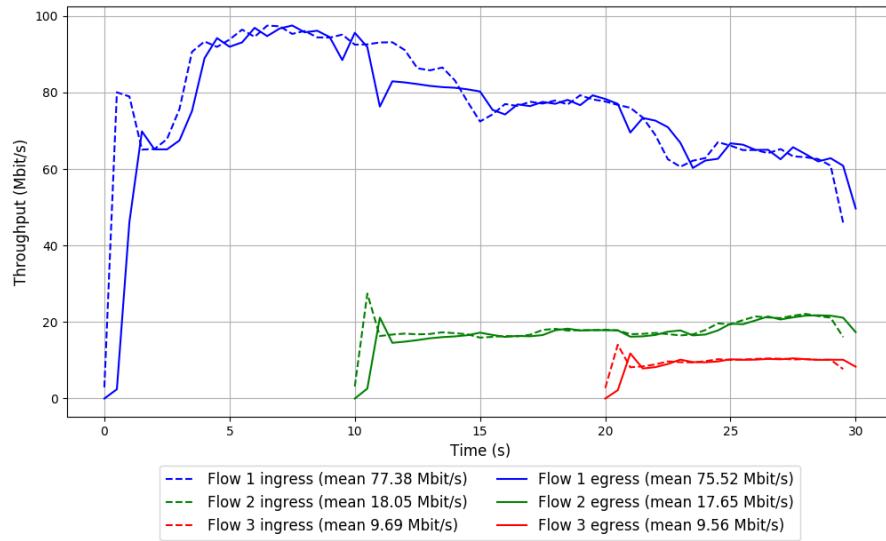


Run 6: Statistics of PCC-Allegro

```
Start at: 2018-05-24 15:52:26
End at: 2018-05-24 15:52:56
Local clock offset: 0.386 ms
Remote clock offset: 3.487 ms

# Below is generated by plot.py at 2018-05-24 17:37:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.41 Mbit/s
95th percentile per-packet one-way delay: 63.973 ms
Loss rate: 2.34%
-- Flow 1:
Average throughput: 75.52 Mbit/s
95th percentile per-packet one-way delay: 63.672 ms
Loss rate: 2.41%
-- Flow 2:
Average throughput: 17.65 Mbit/s
95th percentile per-packet one-way delay: 65.445 ms
Loss rate: 2.18%
-- Flow 3:
Average throughput: 9.56 Mbit/s
95th percentile per-packet one-way delay: 66.329 ms
Loss rate: 1.28%
```

Run 6: Report of PCC-Allegro — Data Link

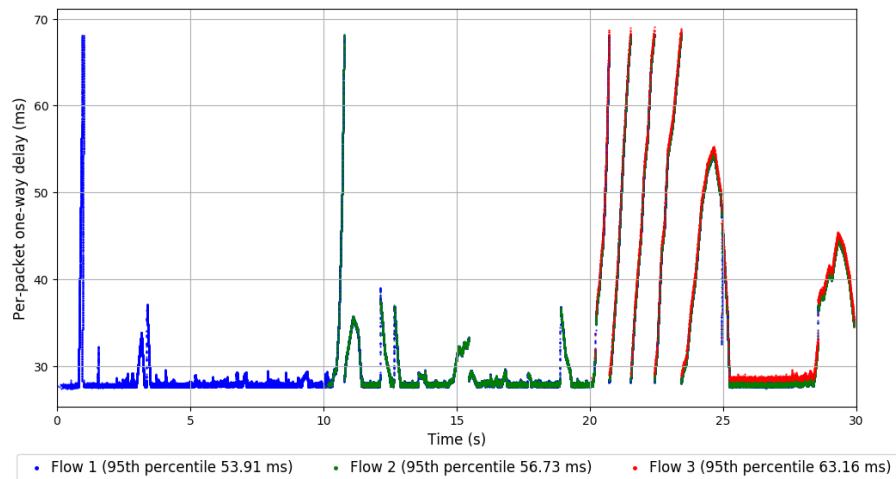
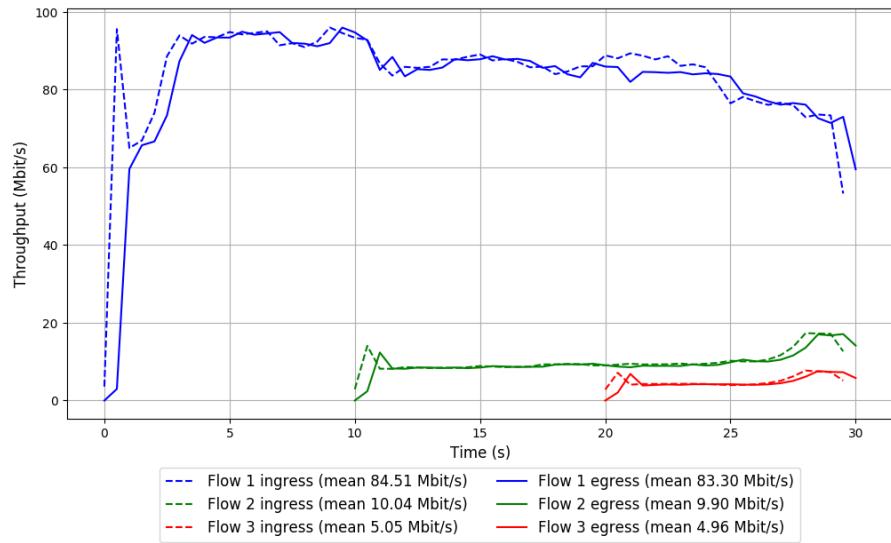


Run 7: Statistics of PCC-Allegro

```
Start at: 2018-05-24 16:13:42
End at: 2018-05-24 16:14:12
Local clock offset: 0.042 ms
Remote clock offset: 1.232 ms

# Below is generated by plot.py at 2018-05-24 17:37:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.52 Mbit/s
95th percentile per-packet one-way delay: 54.261 ms
Loss rate: 1.41%
-- Flow 1:
Average throughput: 83.30 Mbit/s
95th percentile per-packet one-way delay: 53.906 ms
Loss rate: 1.41%
-- Flow 2:
Average throughput: 9.90 Mbit/s
95th percentile per-packet one-way delay: 56.728 ms
Loss rate: 1.28%
-- Flow 3:
Average throughput: 4.96 Mbit/s
95th percentile per-packet one-way delay: 63.158 ms
Loss rate: 1.75%
```

Run 7: Report of PCC-Allegro — Data Link

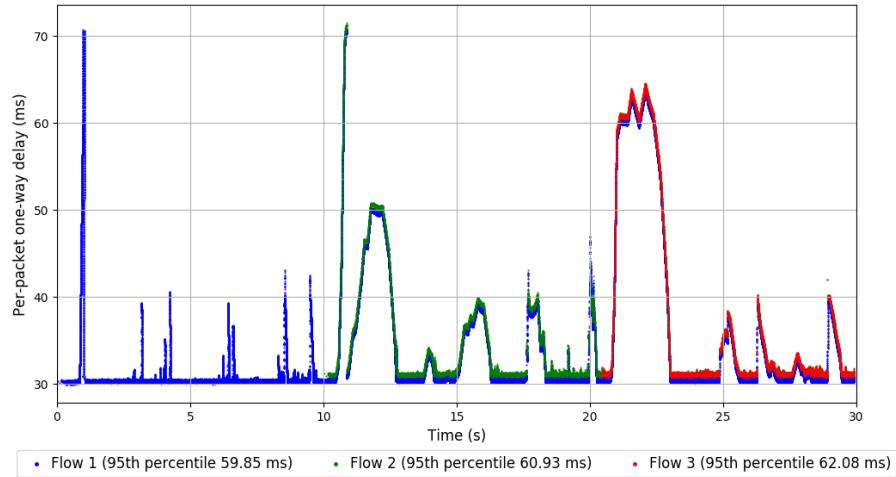
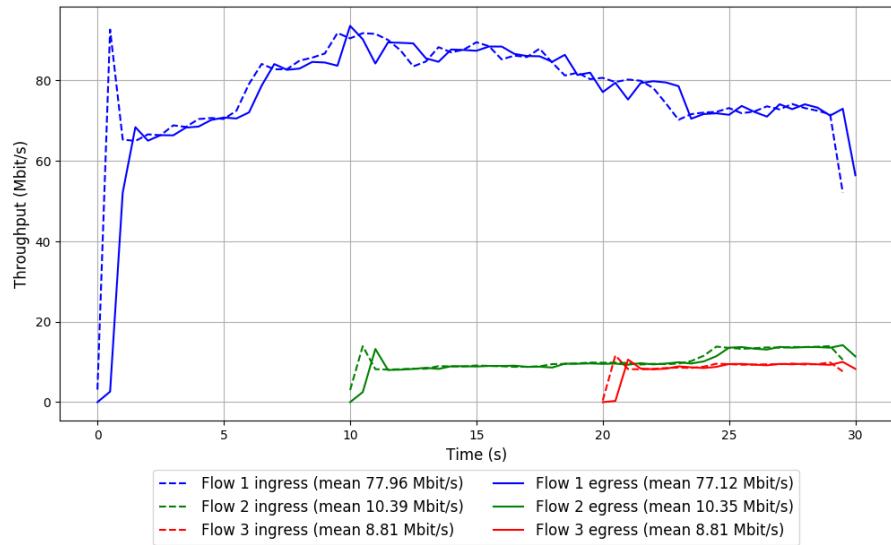


Run 8: Statistics of PCC-Allegro

```
Start at: 2018-05-24 16:34:57
End at: 2018-05-24 16:35:27
Local clock offset: 0.174 ms
Remote clock offset: 3.71 ms

# Below is generated by plot.py at 2018-05-24 17:37:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.90 Mbit/s
95th percentile per-packet one-way delay: 60.033 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 77.12 Mbit/s
95th percentile per-packet one-way delay: 59.846 ms
Loss rate: 1.08%
-- Flow 2:
Average throughput: 10.35 Mbit/s
95th percentile per-packet one-way delay: 60.929 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 8.81 Mbit/s
95th percentile per-packet one-way delay: 62.082 ms
Loss rate: 0.06%
```

Run 8: Report of PCC-Allegro — Data Link

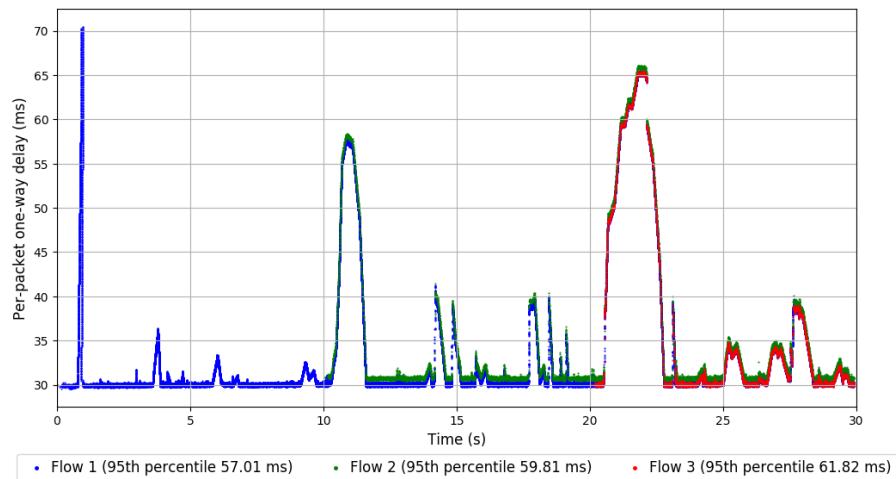
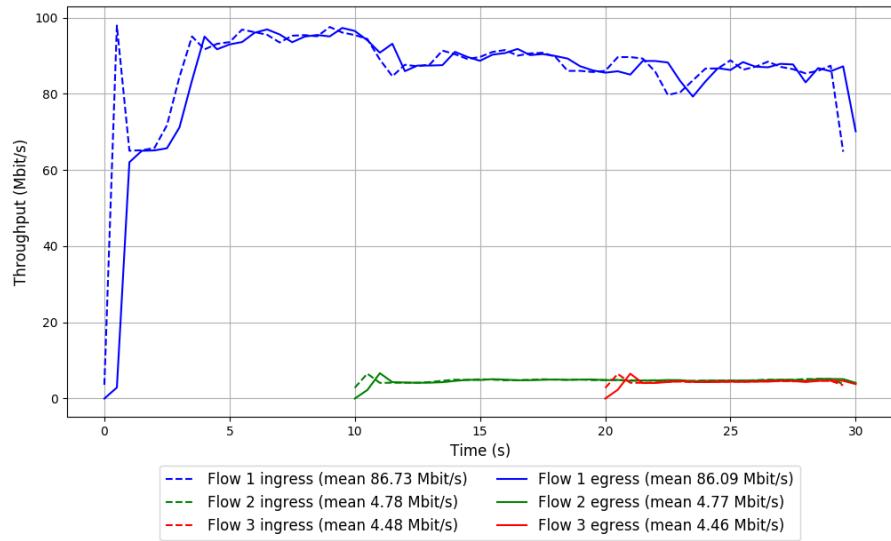


Run 9: Statistics of PCC-Allegro

```
Start at: 2018-05-24 16:56:10
End at: 2018-05-24 16:56:40
Local clock offset: 0.165 ms
Remote clock offset: 2.657 ms

# Below is generated by plot.py at 2018-05-24 17:37:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.74 Mbit/s
95th percentile per-packet one-way delay: 57.152 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 86.09 Mbit/s
95th percentile per-packet one-way delay: 57.010 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 4.77 Mbit/s
95th percentile per-packet one-way delay: 59.806 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 4.46 Mbit/s
95th percentile per-packet one-way delay: 61.824 ms
Loss rate: 0.27%
```

Run 9: Report of PCC-Allegro — Data Link

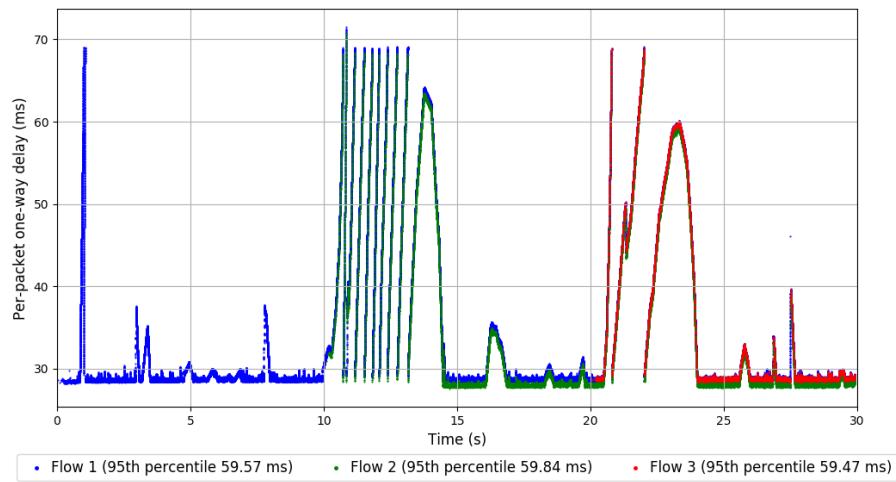
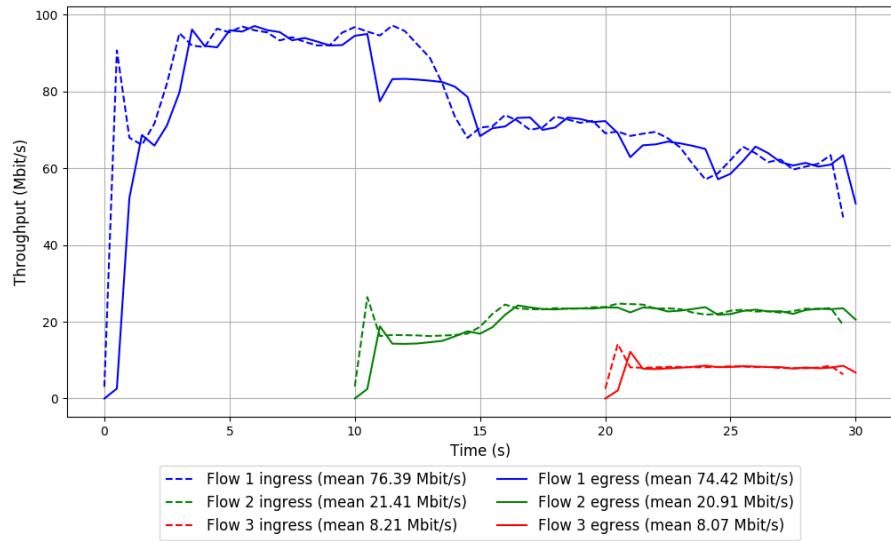


Run 10: Statistics of PCC-Allegro

```
Start at: 2018-05-24 17:17:28
End at: 2018-05-24 17:17:58
Local clock offset: 0.132 ms
Remote clock offset: 0.441 ms

# Below is generated by plot.py at 2018-05-24 17:37:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.98 Mbit/s
95th percentile per-packet one-way delay: 59.576 ms
Loss rate: 2.53%
-- Flow 1:
Average throughput: 74.42 Mbit/s
95th percentile per-packet one-way delay: 59.570 ms
Loss rate: 2.58%
-- Flow 2:
Average throughput: 20.91 Mbit/s
95th percentile per-packet one-way delay: 59.837 ms
Loss rate: 2.37%
-- Flow 3:
Average throughput: 8.07 Mbit/s
95th percentile per-packet one-way delay: 59.471 ms
Loss rate: 1.68%
```

Run 10: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

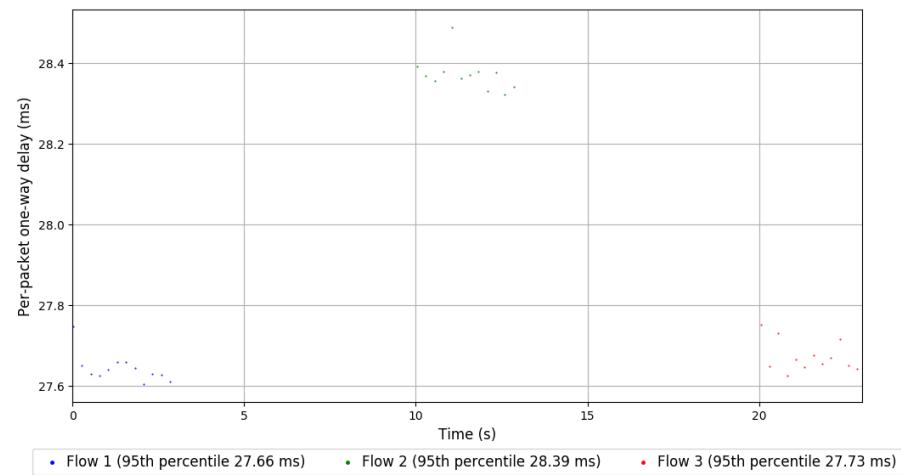
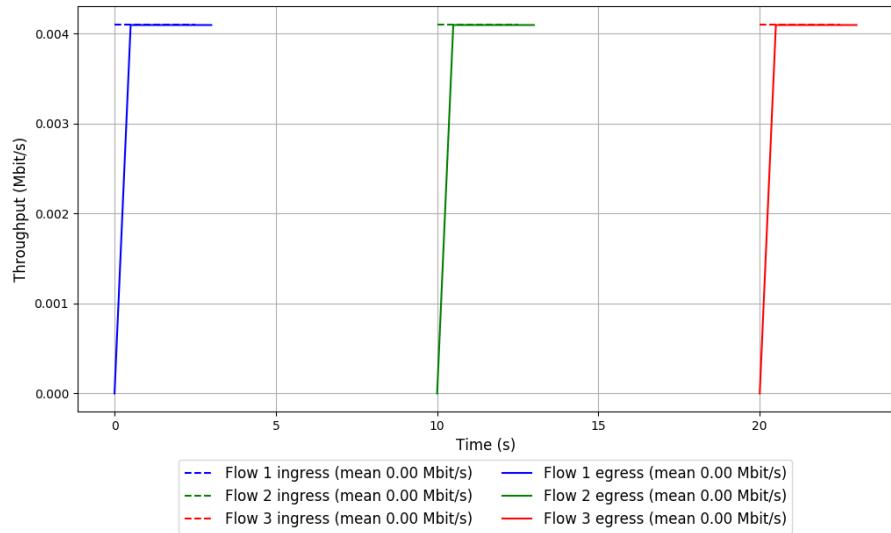
Start at: 2018-05-24 13:51:28

End at: 2018-05-24 13:51:58

Local clock offset: 1.801 ms

Remote clock offset: 1.005 ms

## Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

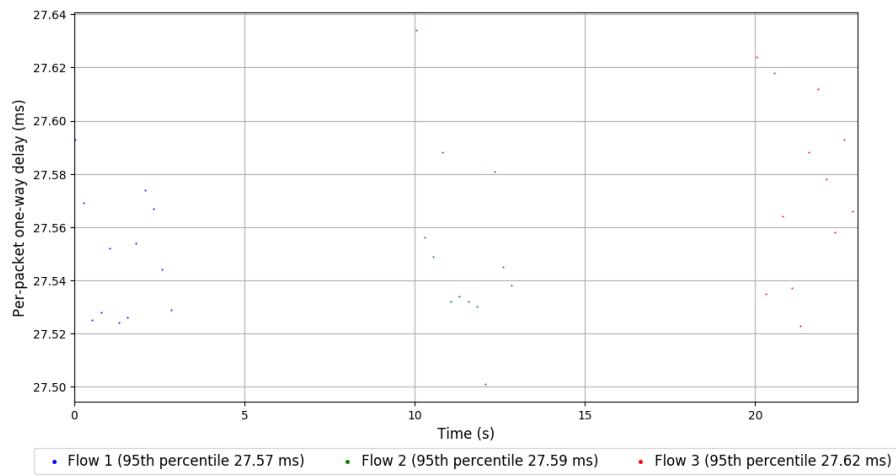
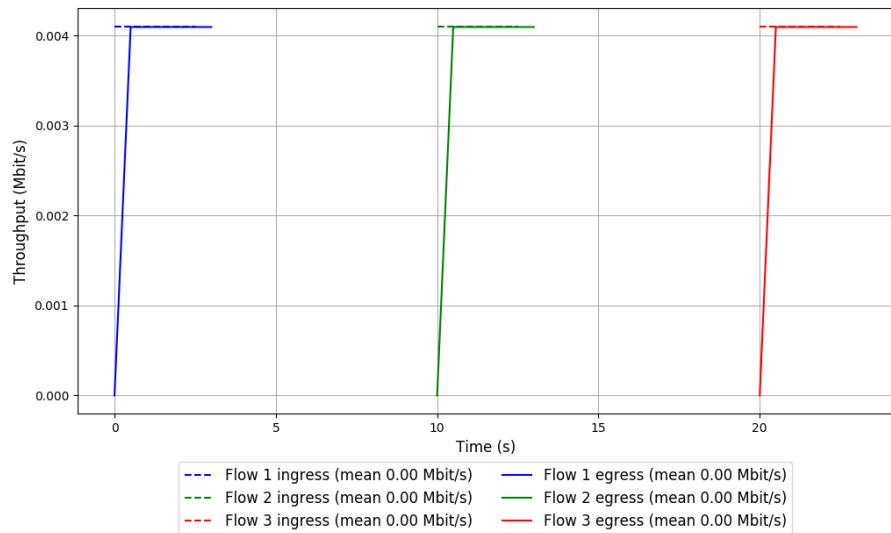
Start at: 2018-05-24 14:12:44

End at: 2018-05-24 14:13:14

Local clock offset: 0.054 ms

Remote clock offset: 1.018 ms

## Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

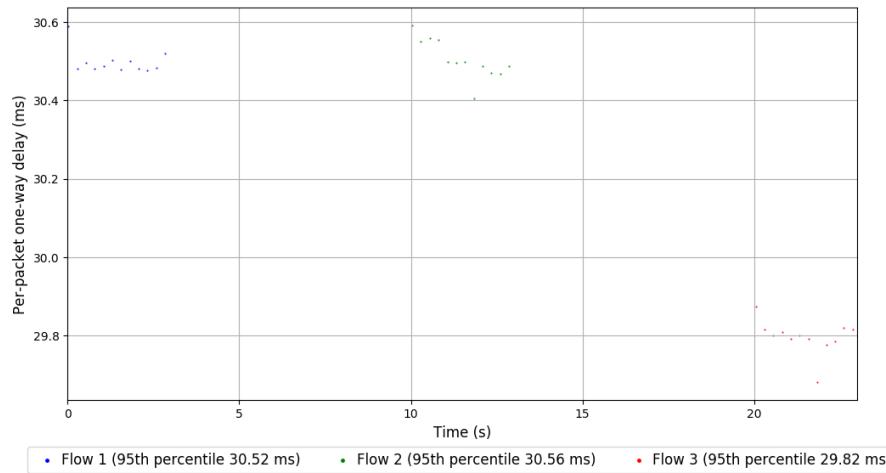
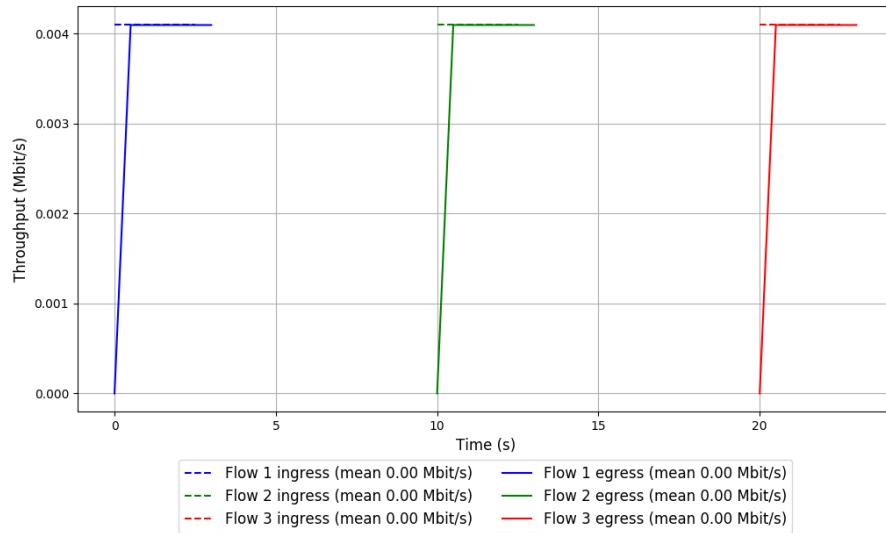
Start at: 2018-05-24 14:34:00

End at: 2018-05-24 14:34:30

Local clock offset: -0.604 ms

Remote clock offset: 3.548 ms

### Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

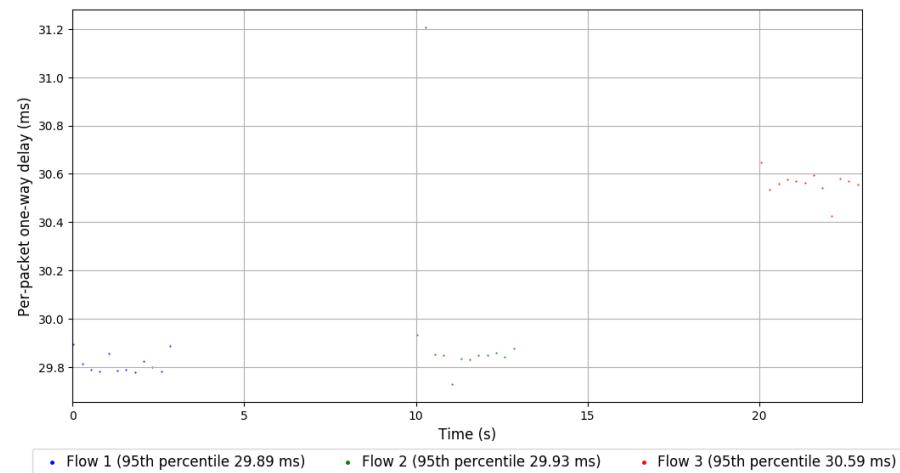
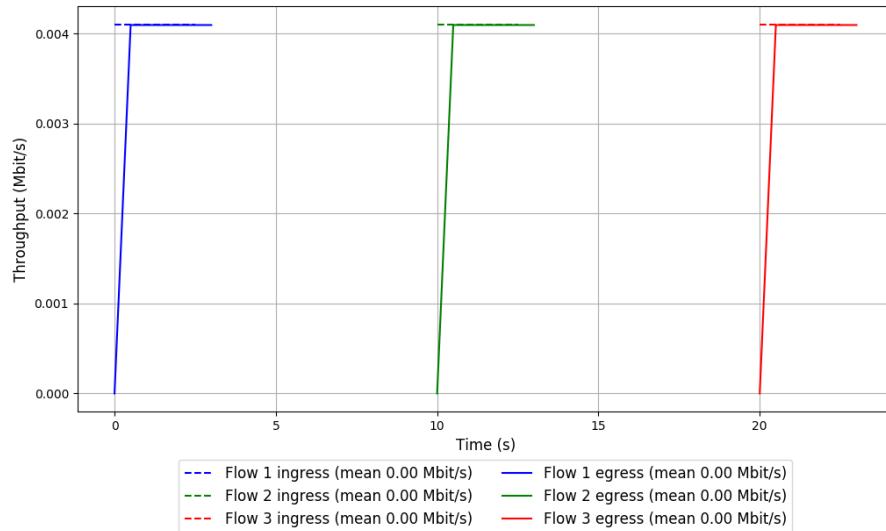
Start at: 2018-05-24 14:55:16

End at: 2018-05-24 14:55:46

Local clock offset: -0.963 ms

Remote clock offset: 4.034 ms

## Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

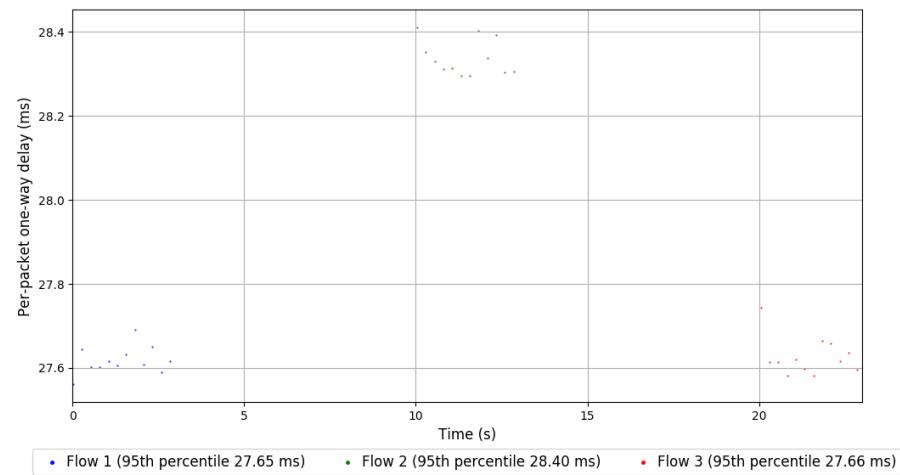
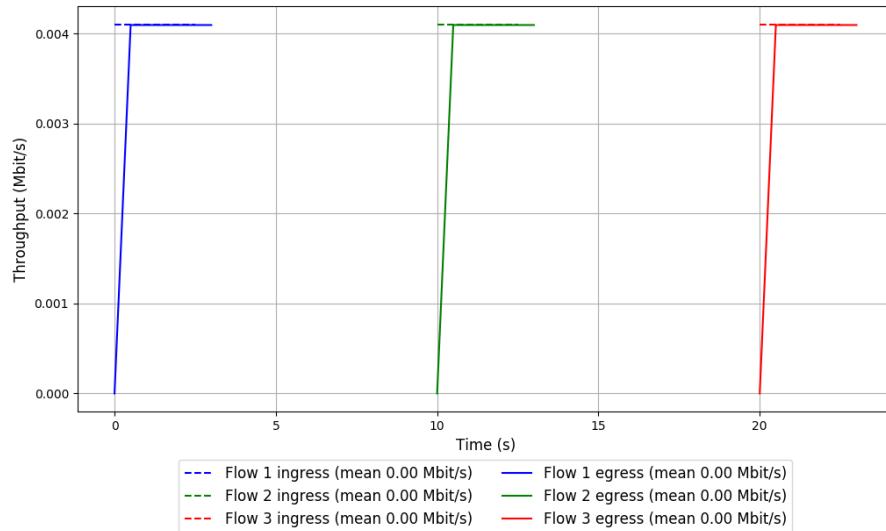
Start at: 2018-05-24 15:16:33

End at: 2018-05-24 15:17:03

Local clock offset: 0.197 ms

Remote clock offset: 2.083 ms

### Run 5: Report of PCC-Expr — Data Link



Run 6: Statistics of PCC-Expr

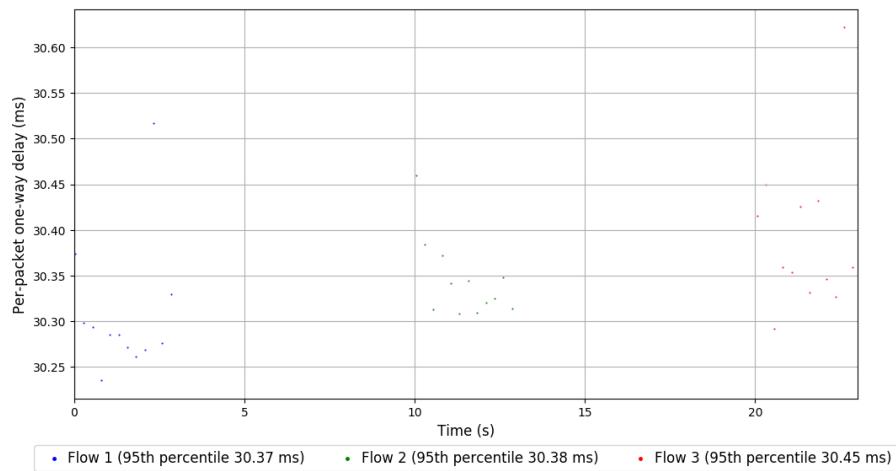
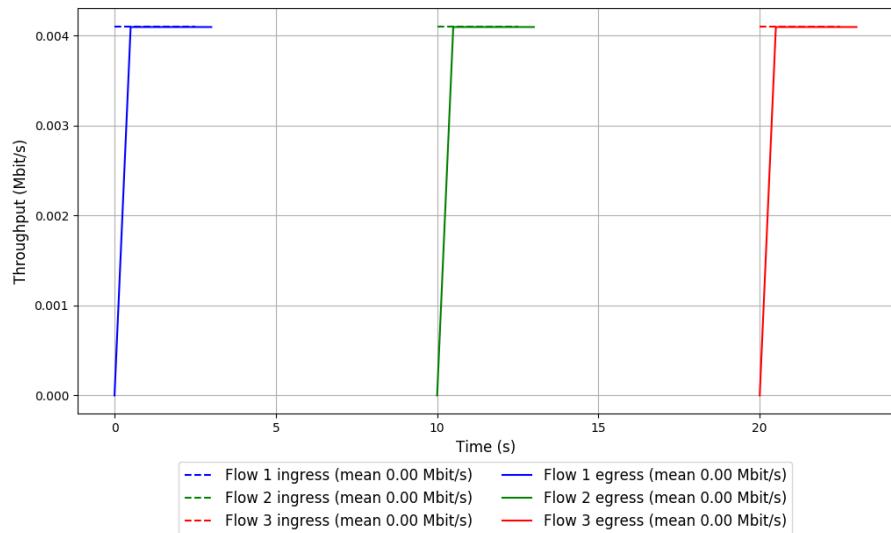
Start at: 2018-05-24 15:37:50

End at: 2018-05-24 15:38:20

Local clock offset: 0.306 ms

Remote clock offset: 4.582 ms

## Run 6: Report of PCC-Expr — Data Link



Run 7: Statistics of PCC-Expr

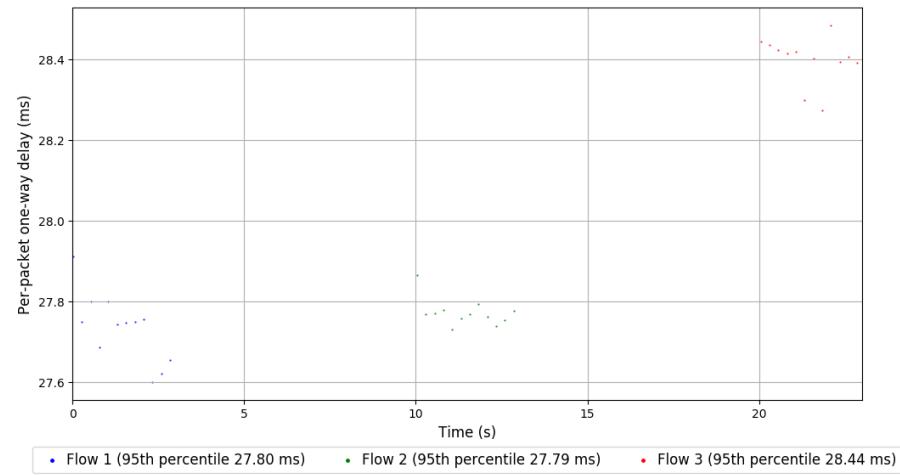
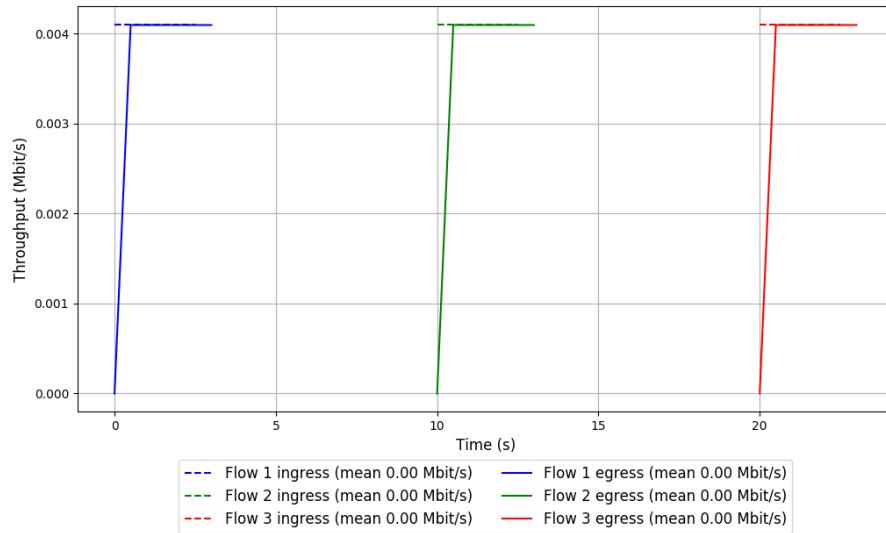
Start at: 2018-05-24 15:59:06

End at: 2018-05-24 15:59:36

Local clock offset: 0.193 ms

Remote clock offset: 1.427 ms

### Run 7: Report of PCC-Expr — Data Link



Run 8: Statistics of PCC-Expr

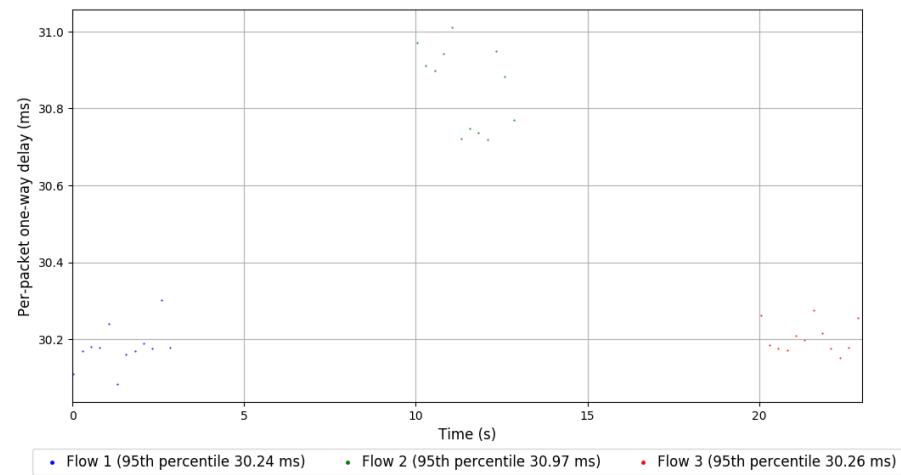
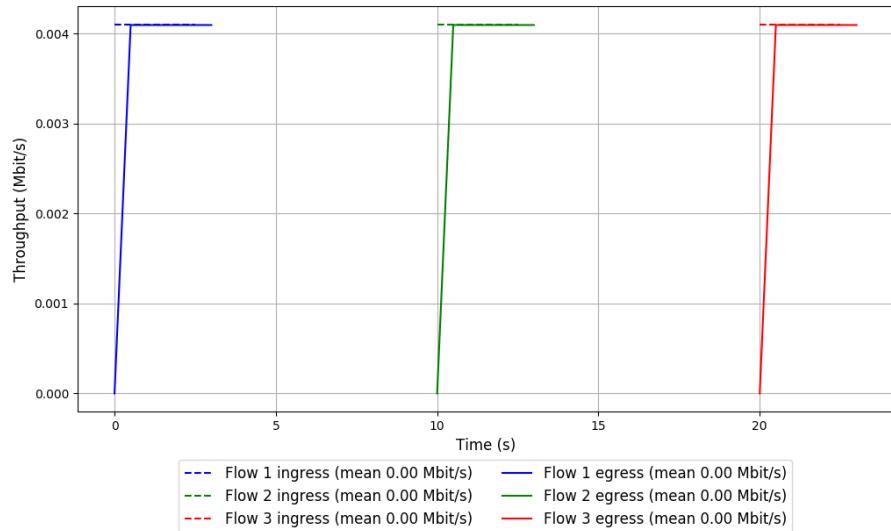
Start at: 2018-05-24 16:20:21

End at: 2018-05-24 16:20:51

Local clock offset: -0.027 ms

Remote clock offset: 3.719 ms

### Run 8: Report of PCC-Expr — Data Link



Run 9: Statistics of PCC-Expr

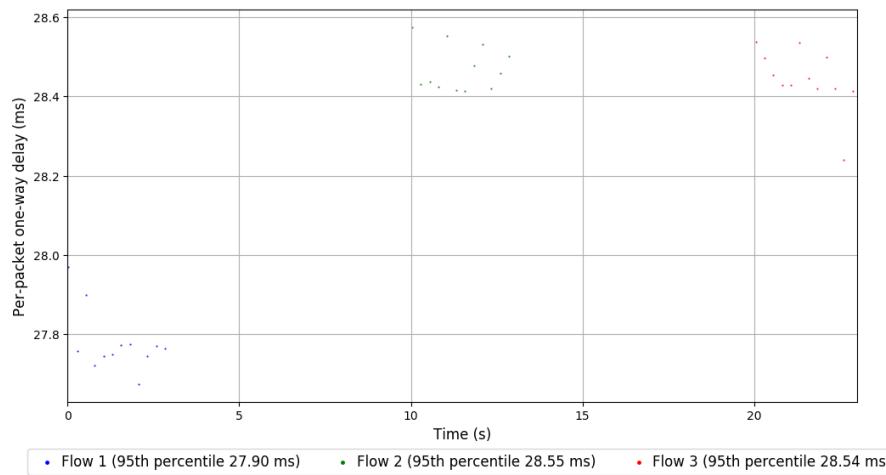
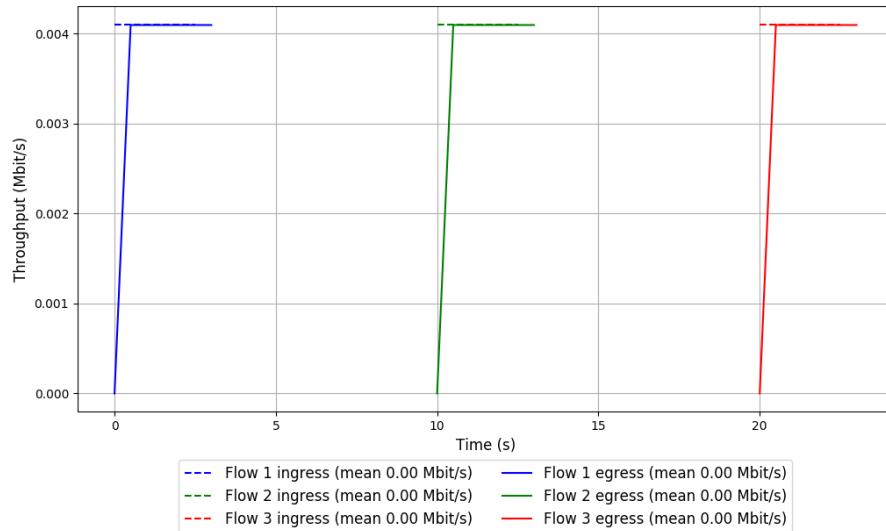
Start at: 2018-05-24 16:41:35

End at: 2018-05-24 16:42:05

Local clock offset: 0.111 ms

Remote clock offset: 1.365 ms

### Run 9: Report of PCC-Expr — Data Link



Run 10: Statistics of PCC-Expr

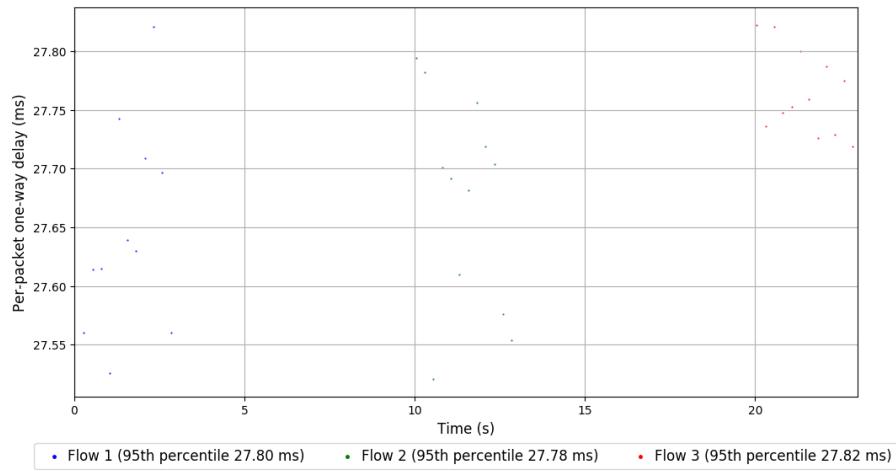
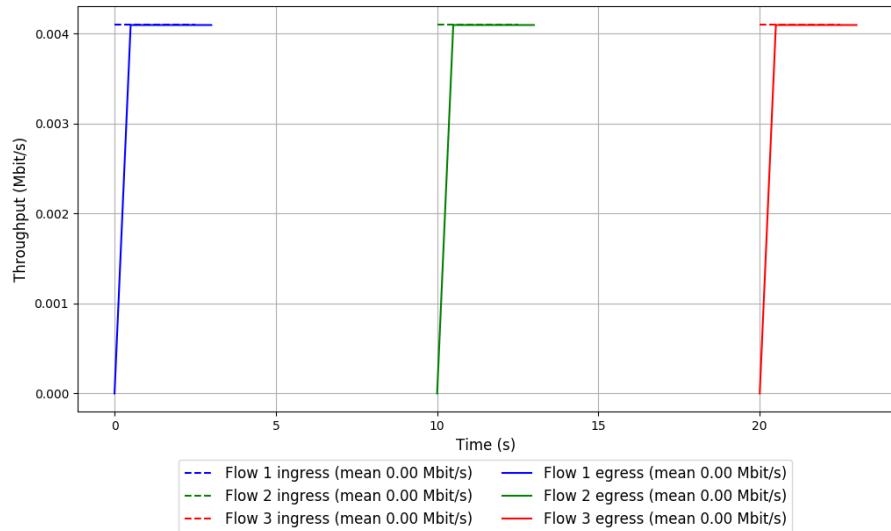
Start at: 2018-05-24 17:02:50

End at: 2018-05-24 17:03:20

Local clock offset: 0.104 ms

Remote clock offset: 0.499 ms

## Run 10: Report of PCC-Expr — Data Link

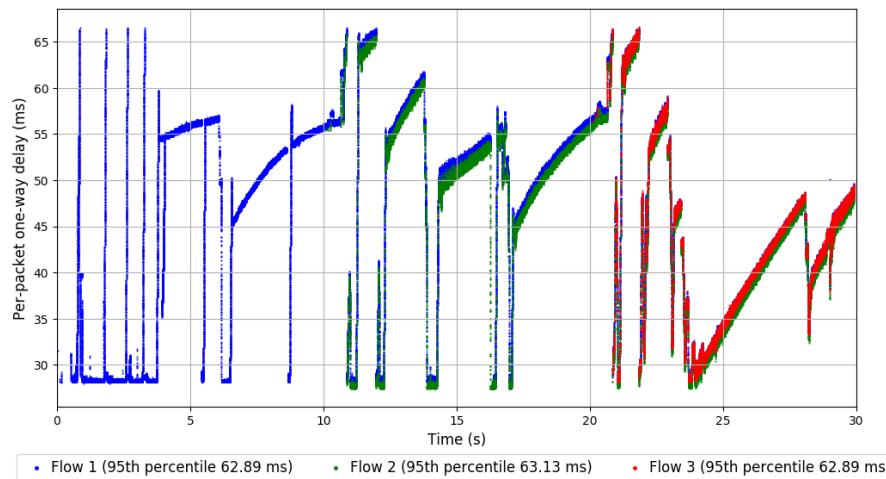
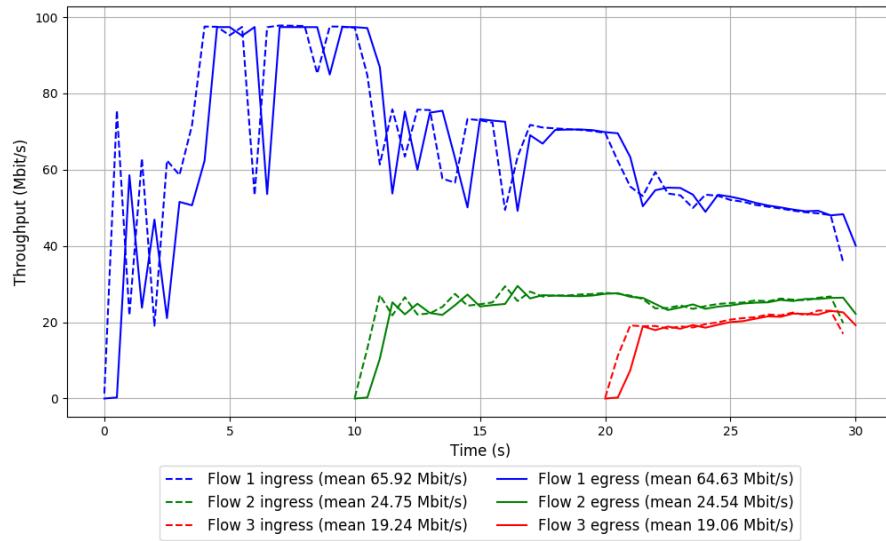


```
Run 1: Statistics of QUIC Cubic
```

```
Start at: 2018-05-24 14:03:28
End at: 2018-05-24 14:03:58
Local clock offset: 0.687 ms
Remote clock offset: 0.884 ms

# Below is generated by plot.py at 2018-05-24 17:38:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.18 Mbit/s
95th percentile per-packet one-way delay: 62.920 ms
Loss rate: 1.66%
-- Flow 1:
Average throughput: 64.63 Mbit/s
95th percentile per-packet one-way delay: 62.893 ms
Loss rate: 1.91%
-- Flow 2:
Average throughput: 24.54 Mbit/s
95th percentile per-packet one-way delay: 63.128 ms
Loss rate: 0.90%
-- Flow 3:
Average throughput: 19.06 Mbit/s
95th percentile per-packet one-way delay: 62.892 ms
Loss rate: 1.03%
```

Run 1: Report of QUIC Cubic — Data Link

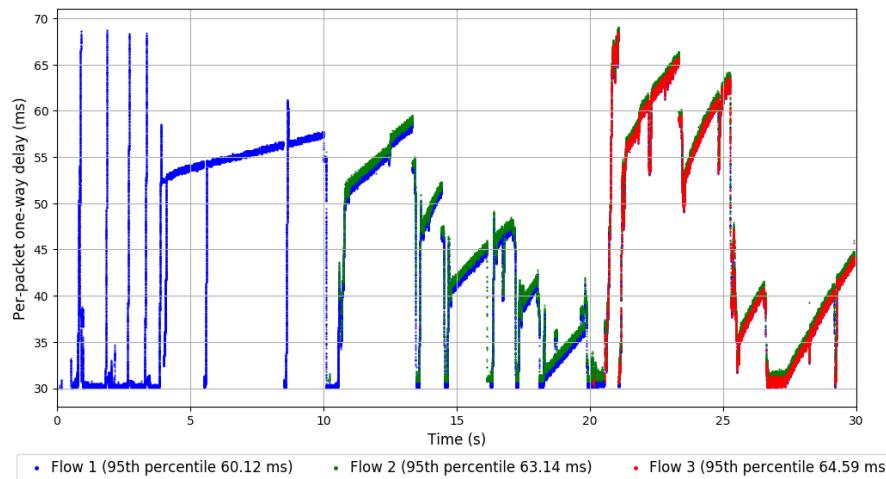
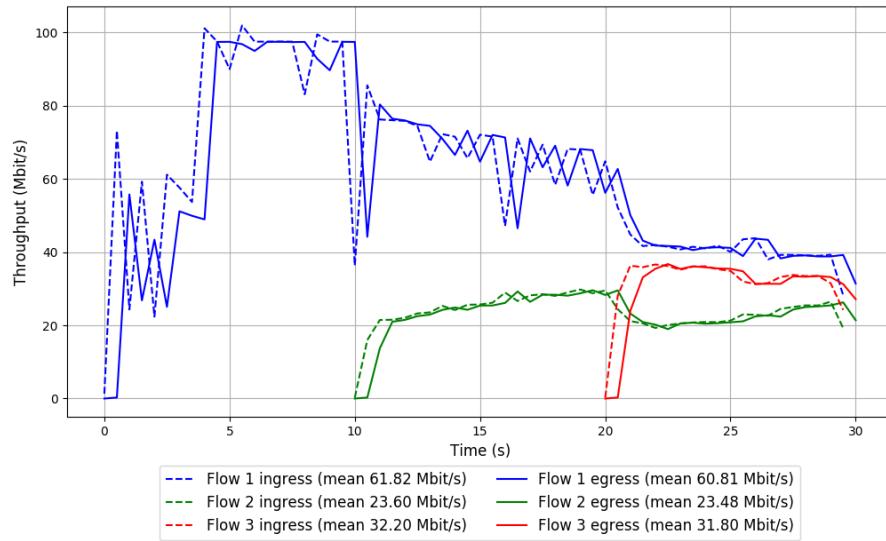


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-05-24 14:24:44
End at: 2018-05-24 14:25:14
Local clock offset: -0.395 ms
Remote clock offset: 3.7 ms

# Below is generated by plot.py at 2018-05-24 17:38:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.89 Mbit/s
95th percentile per-packet one-way delay: 62.342 ms
Loss rate: 1.34%
-- Flow 1:
Average throughput: 60.81 Mbit/s
95th percentile per-packet one-way delay: 60.123 ms
Loss rate: 1.58%
-- Flow 2:
Average throughput: 23.48 Mbit/s
95th percentile per-packet one-way delay: 63.144 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 31.80 Mbit/s
95th percentile per-packet one-way delay: 64.594 ms
Loss rate: 1.09%
```

Run 2: Report of QUIC Cubic — Data Link

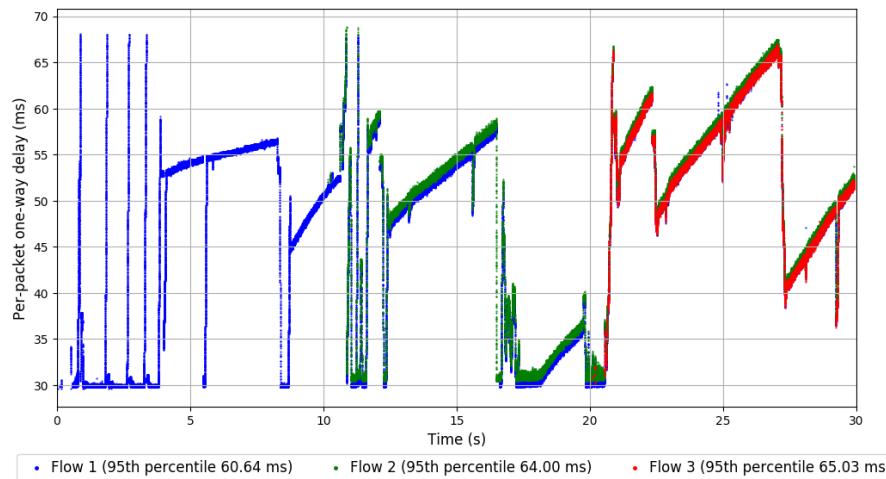
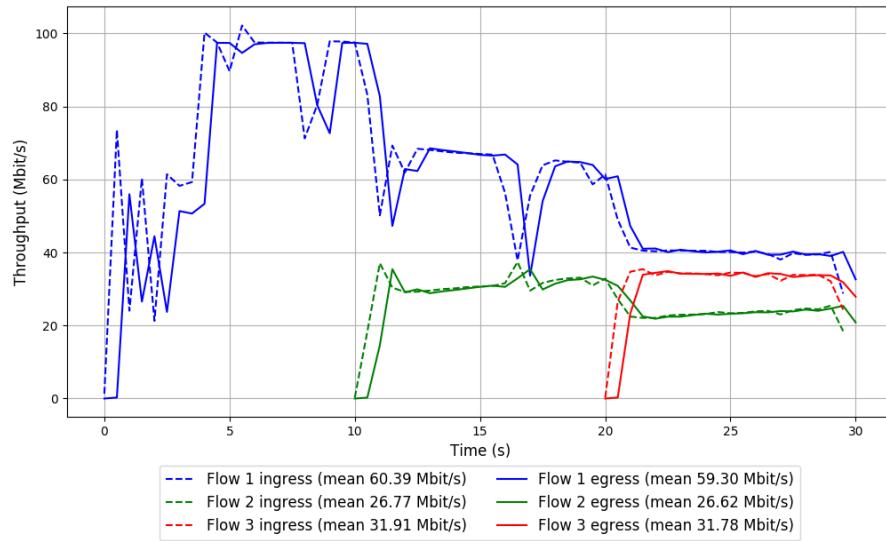


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-05-24 14:46:00
End at: 2018-05-24 14:46:30
Local clock offset: -0.848 ms
Remote clock offset: 3.773 ms

# Below is generated by plot.py at 2018-05-24 17:38:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.47 Mbit/s
95th percentile per-packet one-way delay: 62.773 ms
Loss rate: 1.32%
-- Flow 1:
Average throughput: 59.30 Mbit/s
95th percentile per-packet one-way delay: 60.641 ms
Loss rate: 1.73%
-- Flow 2:
Average throughput: 26.62 Mbit/s
95th percentile per-packet one-way delay: 63.997 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 31.78 Mbit/s
95th percentile per-packet one-way delay: 65.035 ms
Loss rate: 0.21%
```

Run 3: Report of QUIC Cubic — Data Link

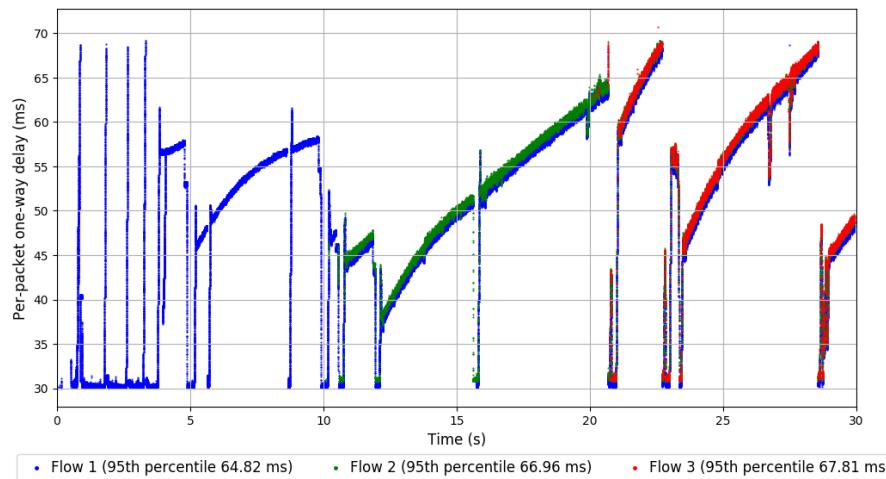
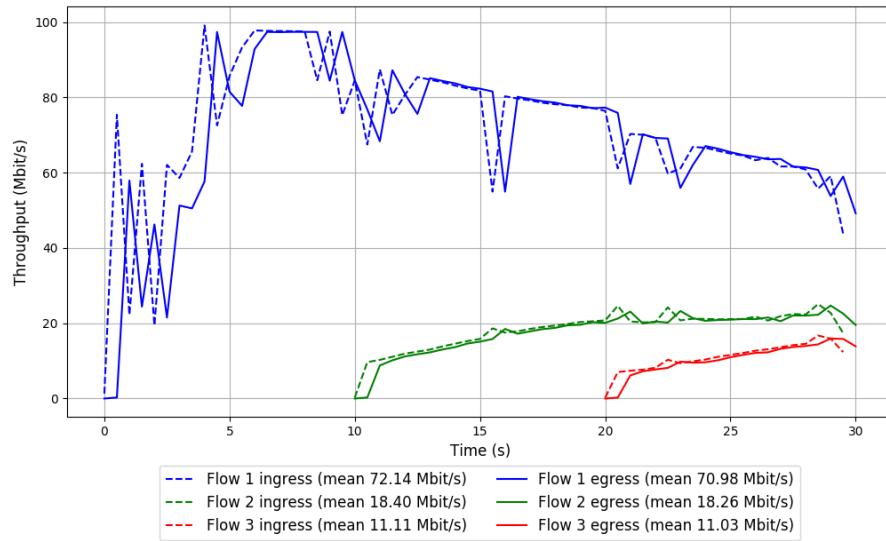


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-05-24 15:07:16
End at: 2018-05-24 15:07:46
Local clock offset: 0.072 ms
Remote clock offset: 4.517 ms

# Below is generated by plot.py at 2018-05-24 17:38:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.74 Mbit/s
95th percentile per-packet one-way delay: 65.692 ms
Loss rate: 1.39%
-- Flow 1:
Average throughput: 70.98 Mbit/s
95th percentile per-packet one-way delay: 64.818 ms
Loss rate: 1.54%
-- Flow 2:
Average throughput: 18.26 Mbit/s
95th percentile per-packet one-way delay: 66.964 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 11.03 Mbit/s
95th percentile per-packet one-way delay: 67.811 ms
Loss rate: 0.86%
```

Run 4: Report of QUIC Cubic — Data Link

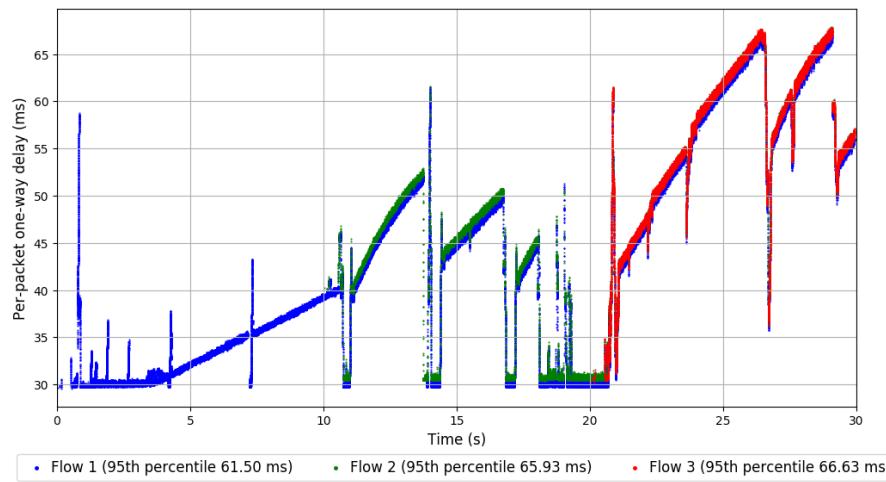
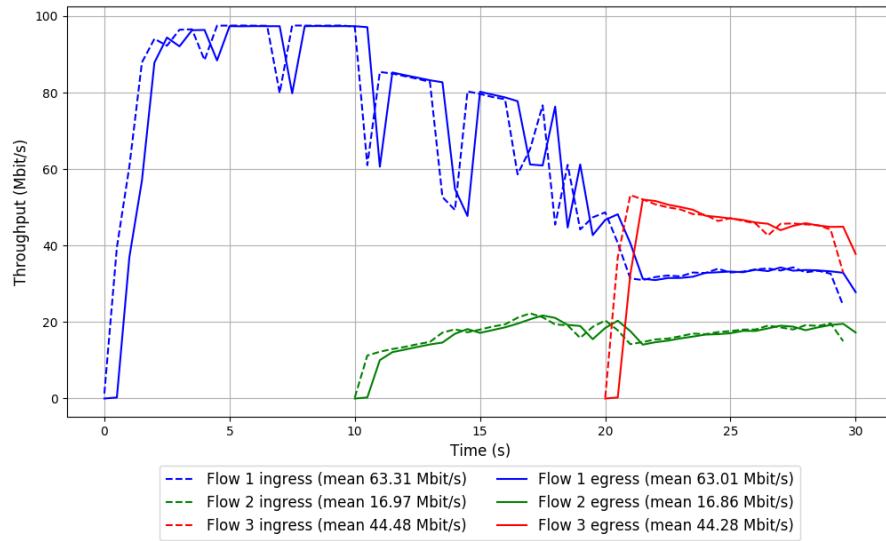


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-05-24 15:28:34
End at: 2018-05-24 15:29:04
Local clock offset: 0.269 ms
Remote clock offset: 4.451 ms

# Below is generated by plot.py at 2018-05-24 17:38:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.86 Mbit/s
95th percentile per-packet one-way delay: 64.886 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 63.01 Mbit/s
95th percentile per-packet one-way delay: 61.504 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 16.86 Mbit/s
95th percentile per-packet one-way delay: 65.931 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 44.28 Mbit/s
95th percentile per-packet one-way delay: 66.634 ms
Loss rate: 0.19%
```

Run 5: Report of QUIC Cubic — Data Link

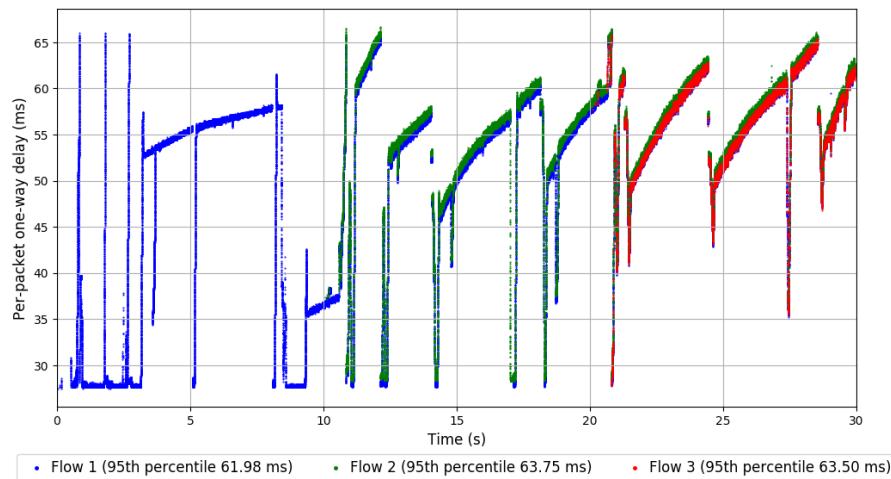
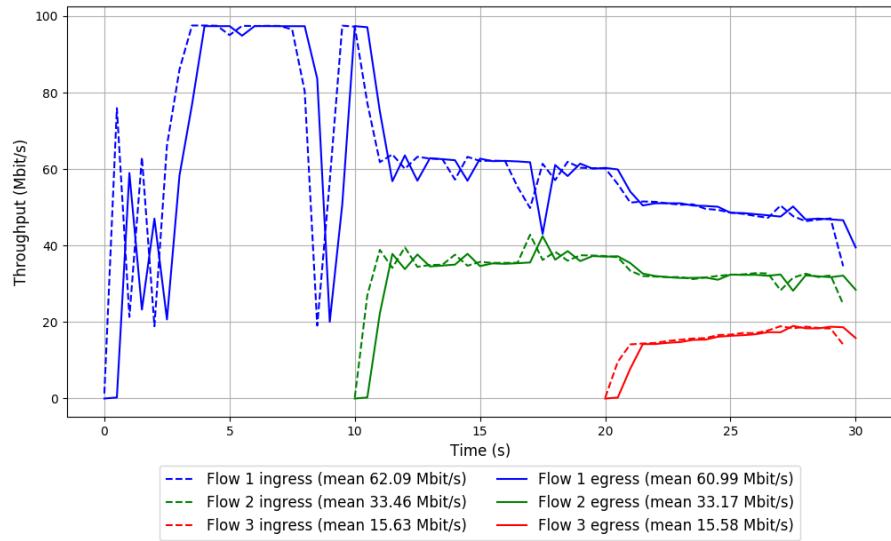


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-05-24 15:49:50
End at: 2018-05-24 15:50:20
Local clock offset: 0.414 ms
Remote clock offset: 1.391 ms

# Below is generated by plot.py at 2018-05-24 17:38:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.15 Mbit/s
95th percentile per-packet one-way delay: 62.711 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 60.99 Mbit/s
95th percentile per-packet one-way delay: 61.981 ms
Loss rate: 1.68%
-- Flow 2:
Average throughput: 33.17 Mbit/s
95th percentile per-packet one-way delay: 63.754 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 15.58 Mbit/s
95th percentile per-packet one-way delay: 63.497 ms
Loss rate: 0.33%
```

Run 6: Report of QUIC Cubic — Data Link

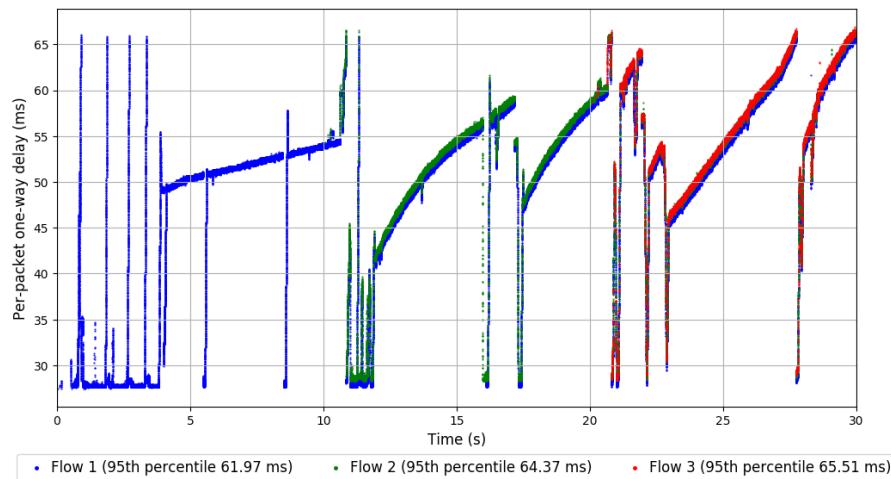
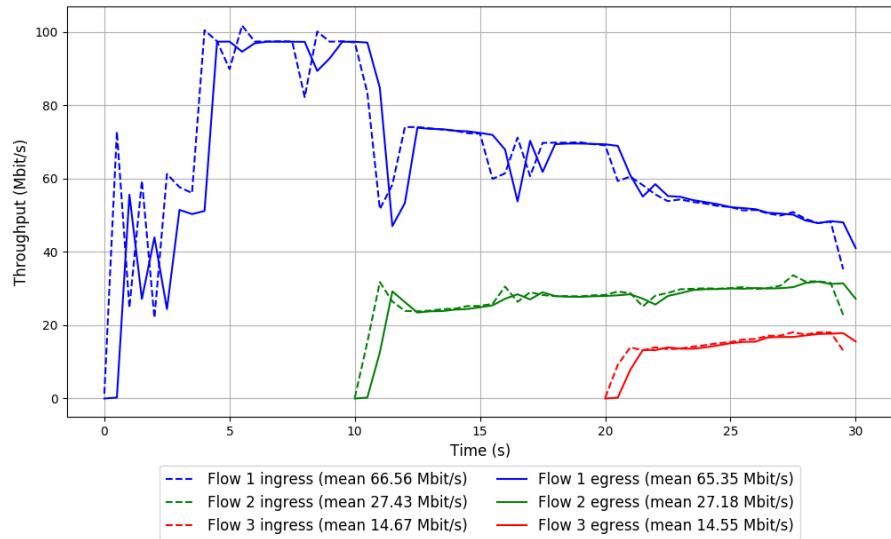


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-05-24 16:11:05
End at: 2018-05-24 16:11:35
Local clock offset: 0.01 ms
Remote clock offset: 1.304 ms

# Below is generated by plot.py at 2018-05-24 17:39:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.19 Mbit/s
95th percentile per-packet one-way delay: 63.178 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 65.35 Mbit/s
95th percentile per-packet one-way delay: 61.973 ms
Loss rate: 1.69%
-- Flow 2:
Average throughput: 27.18 Mbit/s
95th percentile per-packet one-way delay: 64.367 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 14.55 Mbit/s
95th percentile per-packet one-way delay: 65.510 ms
Loss rate: 0.67%
```

Run 7: Report of QUIC Cubic — Data Link

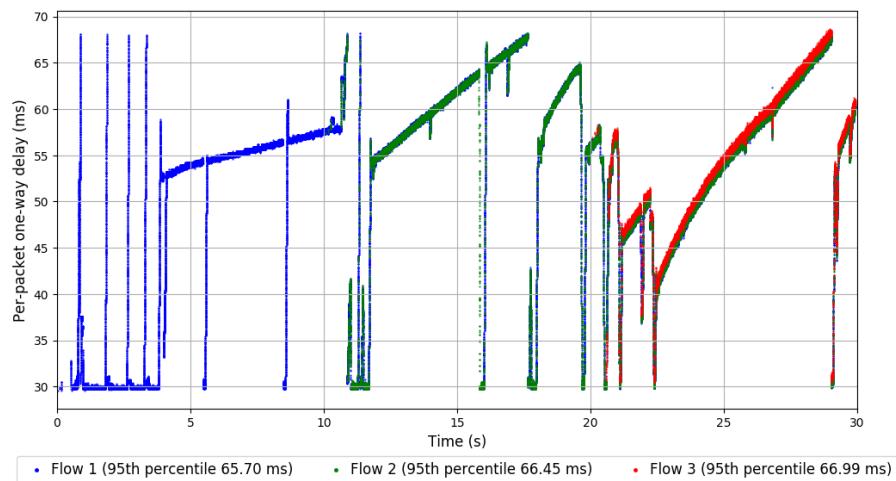
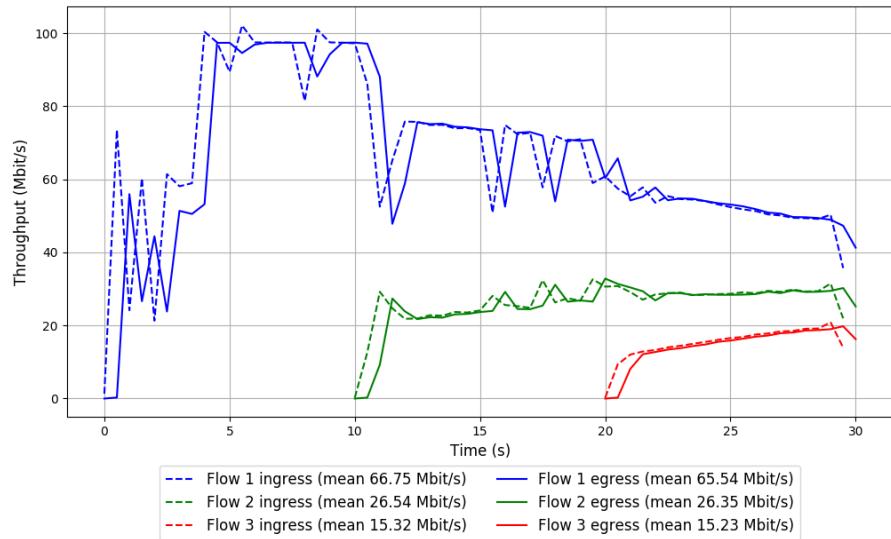


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-05-24 16:32:20
End at: 2018-05-24 16:32:50
Local clock offset: 0.139 ms
Remote clock offset: 3.312 ms

# Below is generated by plot.py at 2018-05-24 17:39:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.05 Mbit/s
95th percentile per-packet one-way delay: 65.970 ms
Loss rate: 1.44%
-- Flow 1:
Average throughput: 65.54 Mbit/s
95th percentile per-packet one-way delay: 65.703 ms
Loss rate: 1.71%
-- Flow 2:
Average throughput: 26.35 Mbit/s
95th percentile per-packet one-way delay: 66.450 ms
Loss rate: 0.70%
-- Flow 3:
Average throughput: 15.23 Mbit/s
95th percentile per-packet one-way delay: 66.993 ms
Loss rate: 0.53%
```

Run 8: Report of QUIC Cubic — Data Link

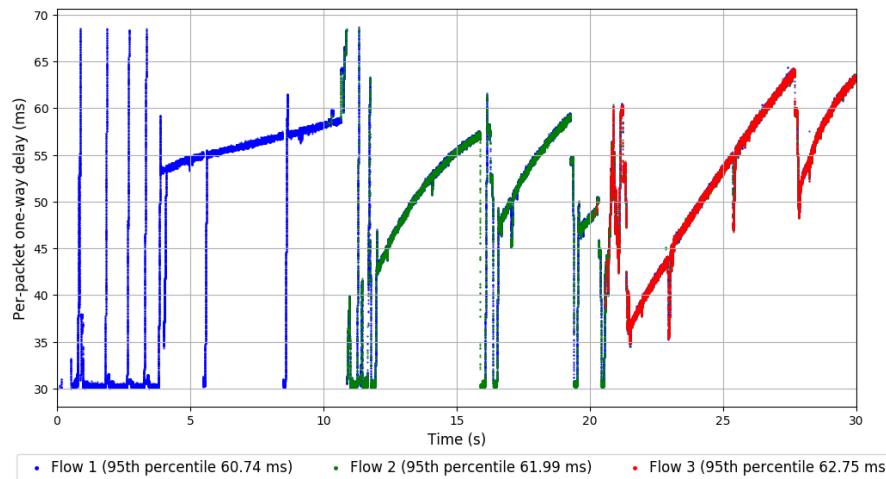
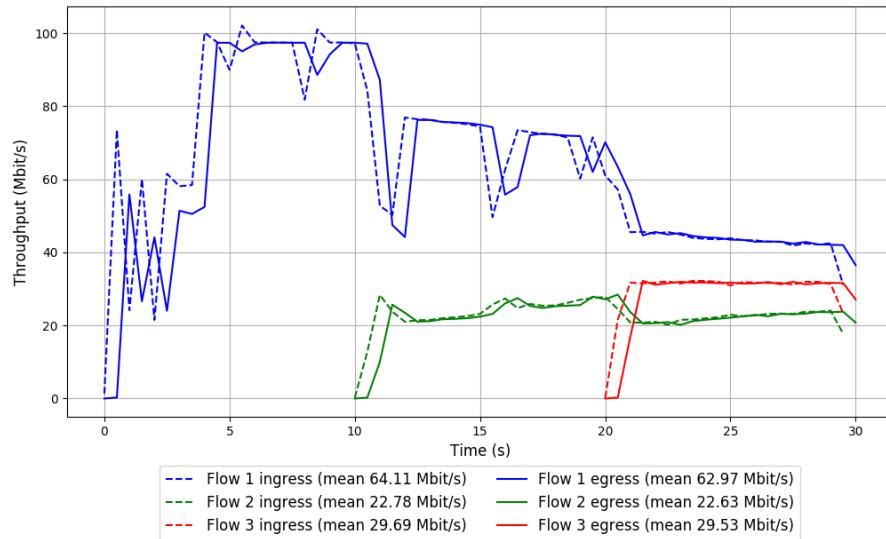


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-05-24 16:53:34
End at: 2018-05-24 16:54:04
Local clock offset: 0.252 ms
Remote clock offset: 3.221 ms

# Below is generated by plot.py at 2018-05-24 17:39:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.72 Mbit/s
95th percentile per-packet one-way delay: 61.708 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 62.97 Mbit/s
95th percentile per-packet one-way delay: 60.738 ms
Loss rate: 1.67%
-- Flow 2:
Average throughput: 22.63 Mbit/s
95th percentile per-packet one-way delay: 61.991 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 29.53 Mbit/s
95th percentile per-packet one-way delay: 62.749 ms
Loss rate: 0.40%
```

Run 9: Report of QUIC Cubic — Data Link

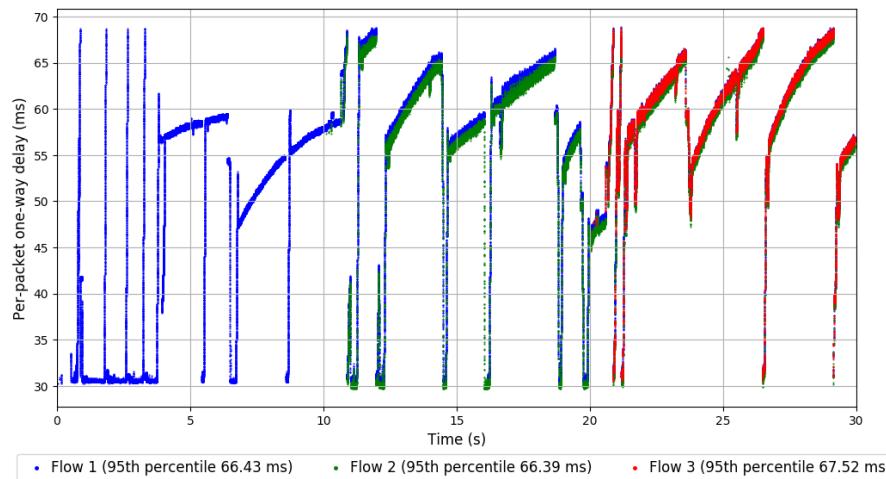
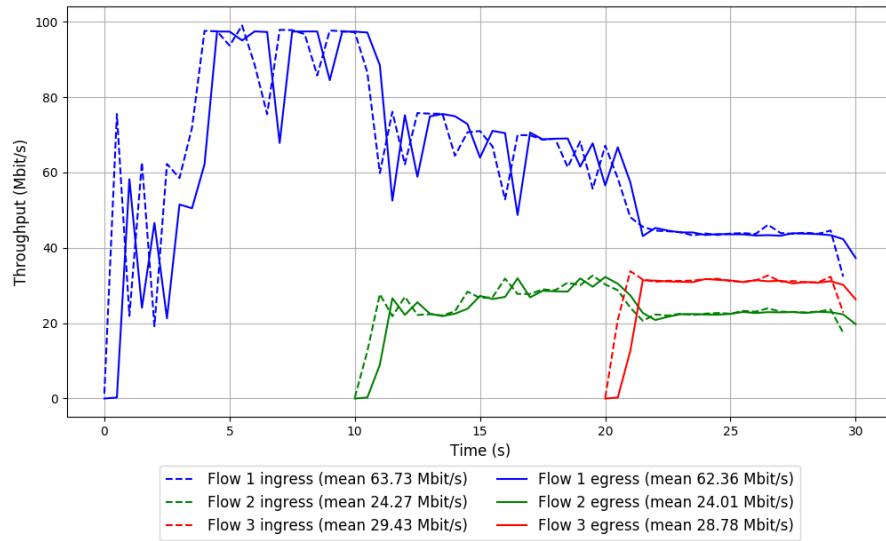


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-05-24 17:14:51
End at: 2018-05-24 17:15:21
Local clock offset: 0.112 ms
Remote clock offset: 2.538 ms

# Below is generated by plot.py at 2018-05-24 17:39:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.79 Mbit/s
95th percentile per-packet one-way delay: 66.620 ms
Loss rate: 1.90%
-- Flow 1:
Average throughput: 62.36 Mbit/s
95th percentile per-packet one-way delay: 66.431 ms
Loss rate: 2.07%
-- Flow 2:
Average throughput: 24.01 Mbit/s
95th percentile per-packet one-way delay: 66.391 ms
Loss rate: 1.09%
-- Flow 3:
Average throughput: 28.78 Mbit/s
95th percentile per-packet one-way delay: 67.519 ms
Loss rate: 2.12%
```

Run 10: Report of QUIC Cubic — Data Link

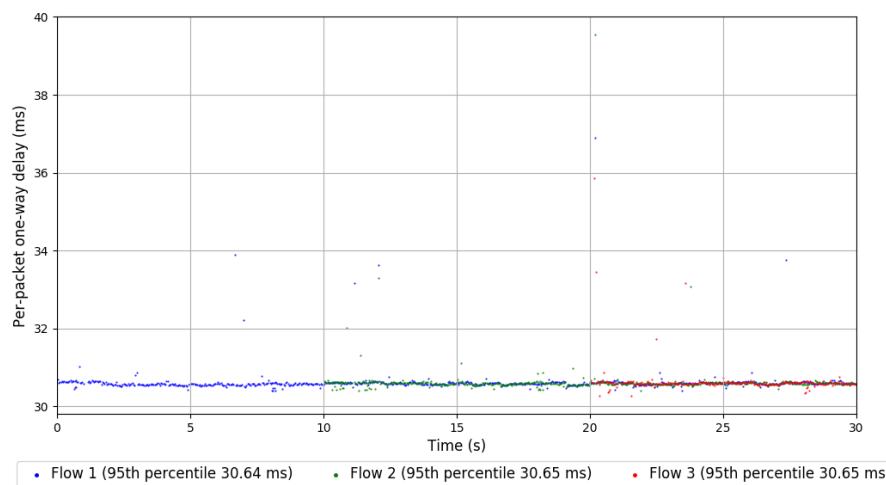
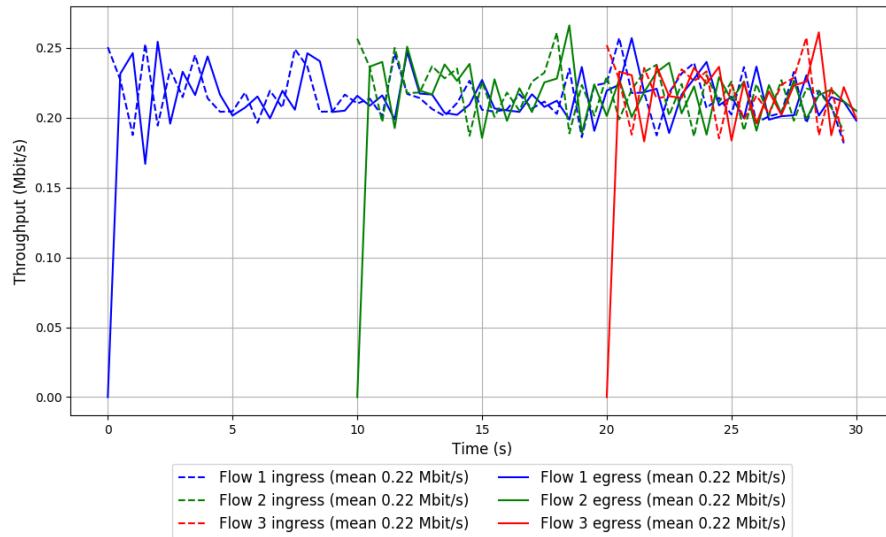


```
Run 1: Statistics of SCReAM

Start at: 2018-05-24 13:54:05
End at: 2018-05-24 13:54:35
Local clock offset: 1.73 ms
Remote clock offset: 2.983 ms

# Below is generated by plot.py at 2018-05-24 17:39:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 30.646 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.645 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.646 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.646 ms
Loss rate: 0.00%
```

## Run 1: Report of SCReAM — Data Link

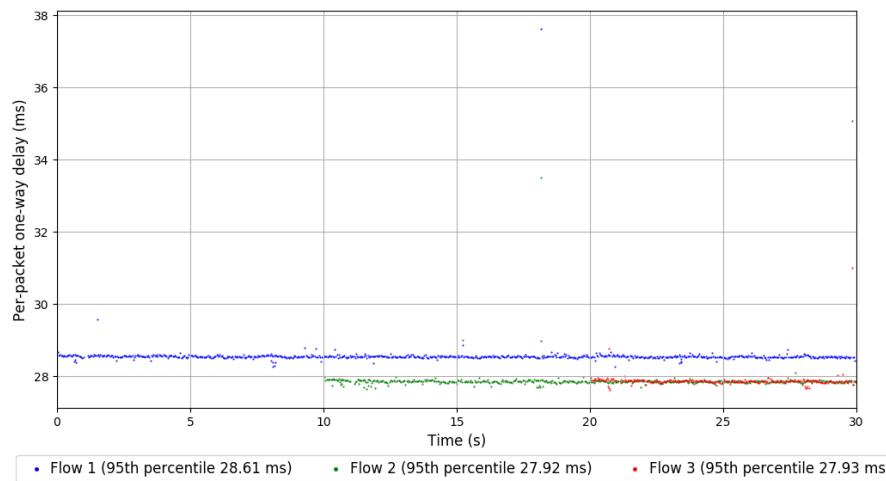
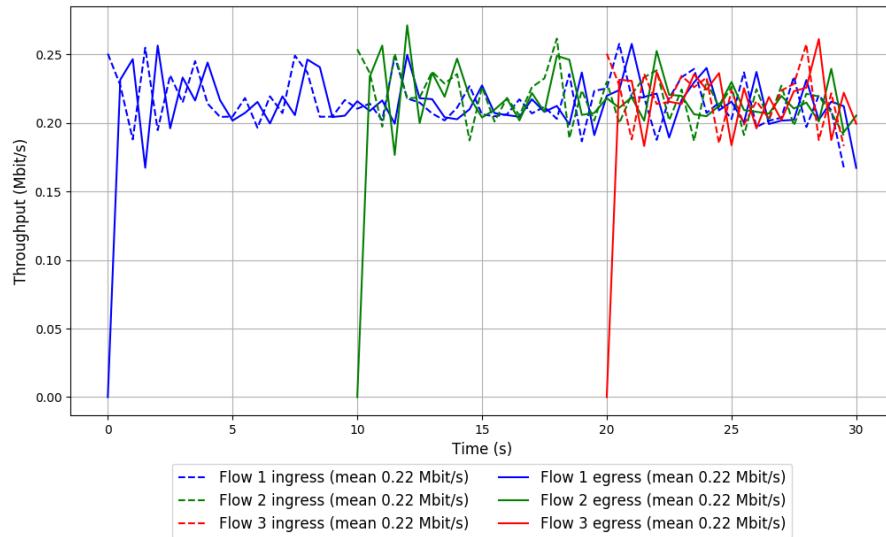


Run 2: Statistics of SCReAM

```
Start at: 2018-05-24 14:15:21
End at: 2018-05-24 14:15:51
Local clock offset: -0.167 ms
Remote clock offset: 1.135 ms

# Below is generated by plot.py at 2018-05-24 17:39:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 28.591 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.607 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 27.918 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 27.929 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

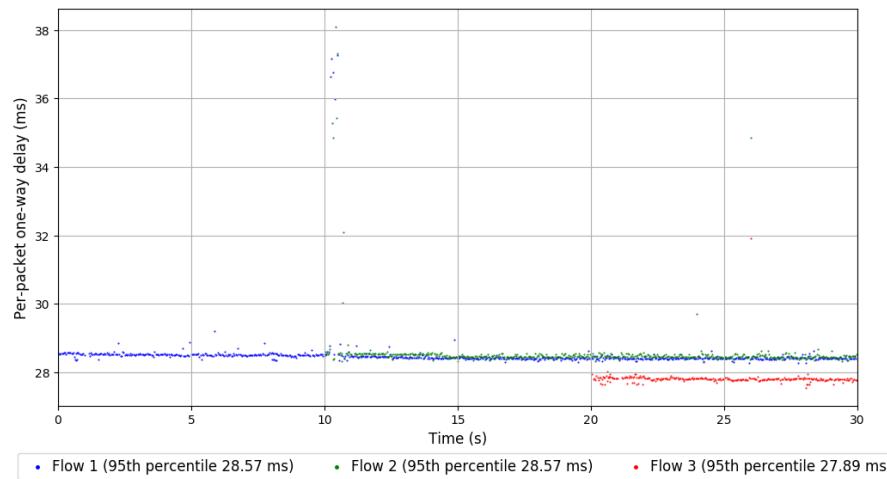
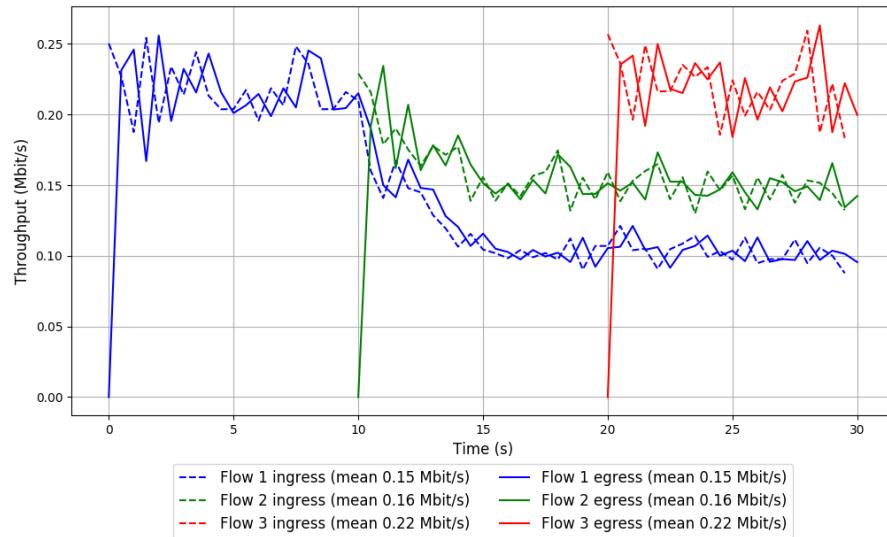


Run 3: Statistics of SCReAM

```
Start at: 2018-05-24 14:36:37
End at: 2018-05-24 14:37:07
Local clock offset: -0.653 ms
Remote clock offset: 1.487 ms

# Below is generated by plot.py at 2018-05-24 17:39:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 28.564 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 28.570 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 28.569 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 27.887 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

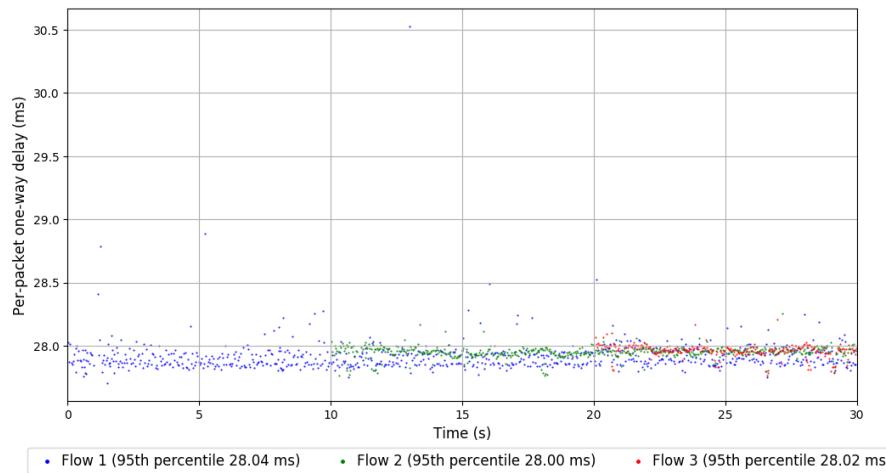
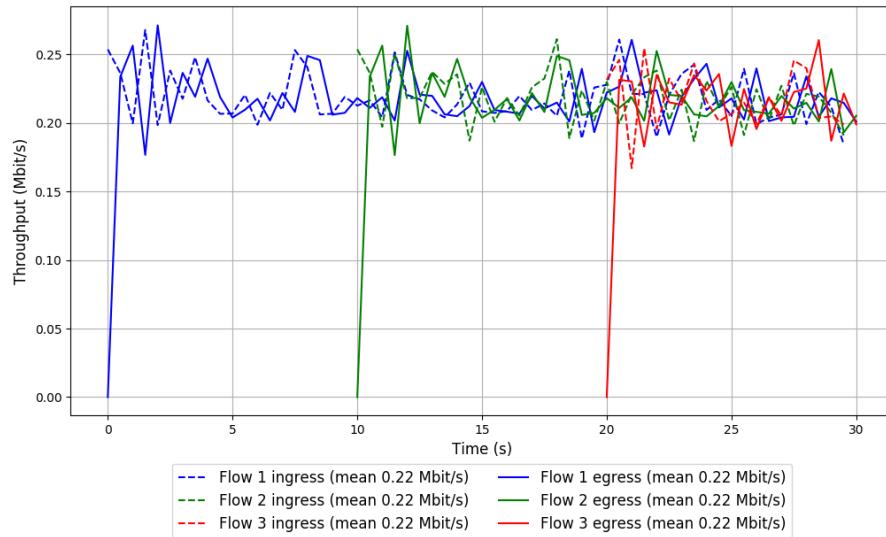


Run 4: Statistics of SCReAM

```
Start at: 2018-05-24 14:57:52
End at: 2018-05-24 14:58:22
Local clock offset: -0.733 ms
Remote clock offset: 1.911 ms

# Below is generated by plot.py at 2018-05-24 17:39:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 28.020 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.043 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.003 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.015 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

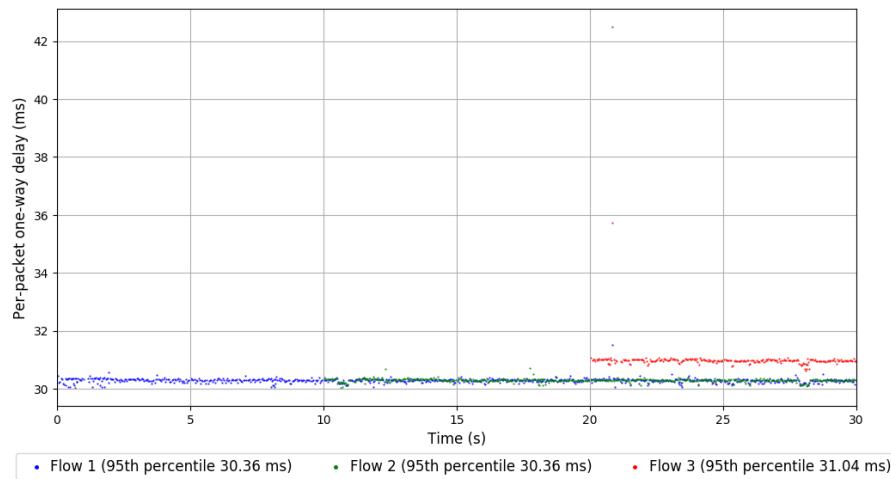
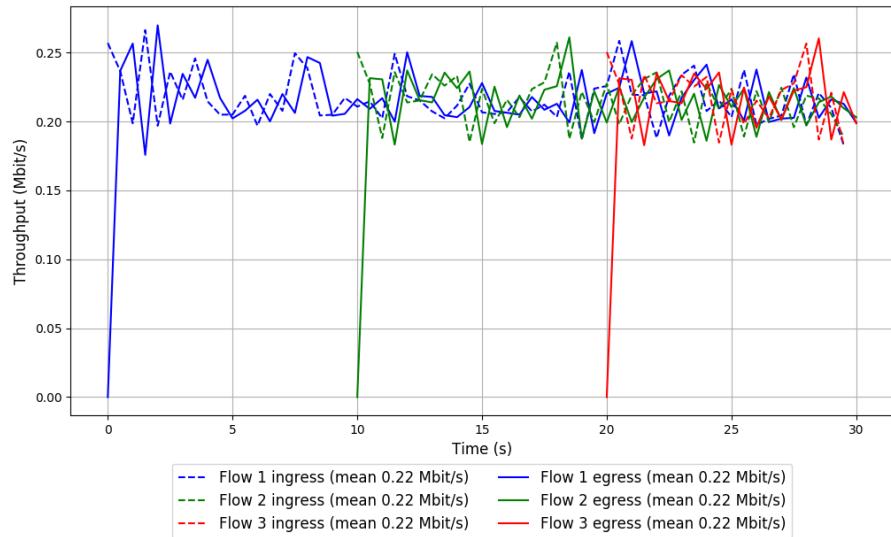


Run 5: Statistics of SCReAM

```
Start at: 2018-05-24 15:19:10
End at: 2018-05-24 15:19:40
Local clock offset: 0.3 ms
Remote clock offset: 4.753 ms

# Below is generated by plot.py at 2018-05-24 17:39:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 30.996 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.359 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.361 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 31.036 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

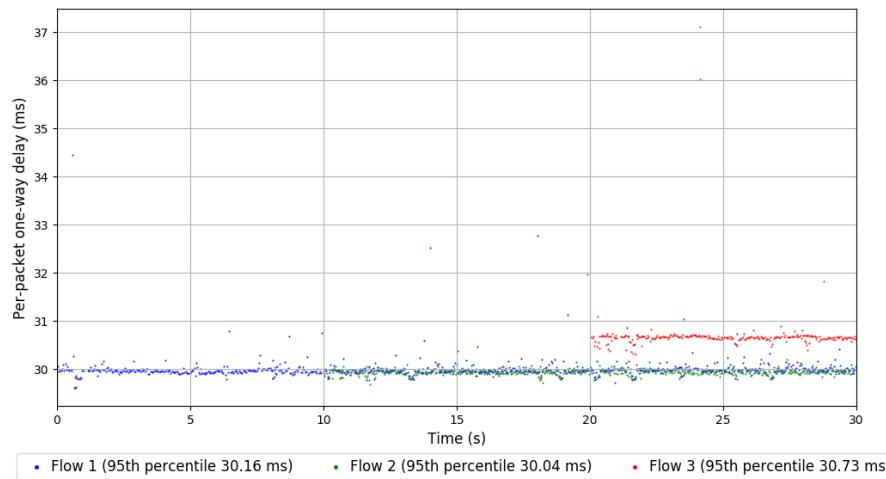
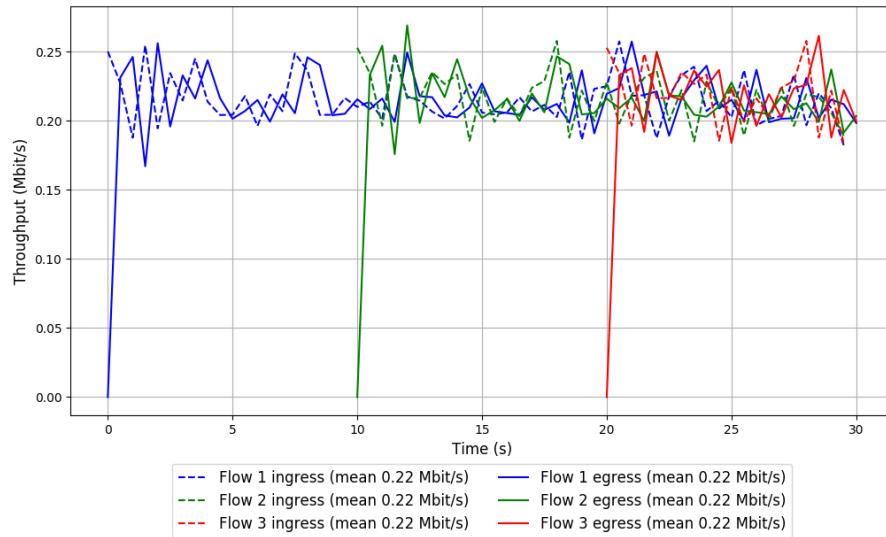


Run 6: Statistics of SCReAM

```
Start at: 2018-05-24 15:40:27
End at: 2018-05-24 15:40:57
Local clock offset: 0.32 ms
Remote clock offset: 3.828 ms

# Below is generated by plot.py at 2018-05-24 17:39:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 30.681 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.159 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.038 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.726 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

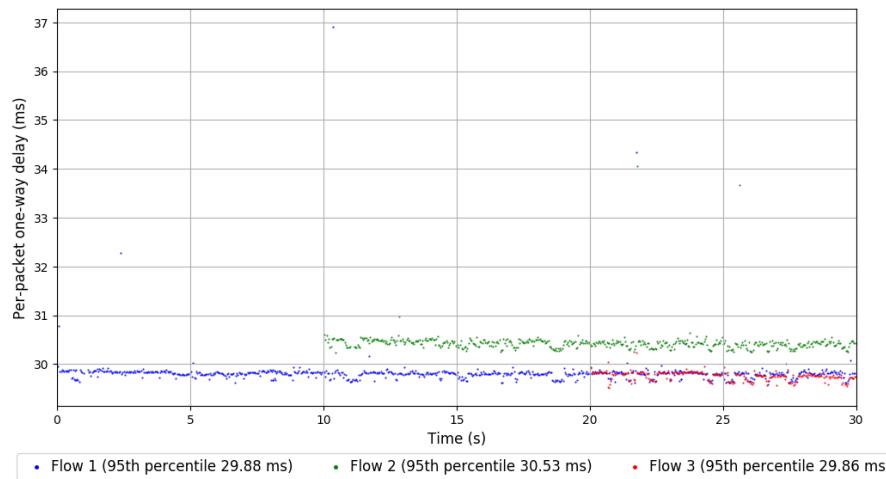
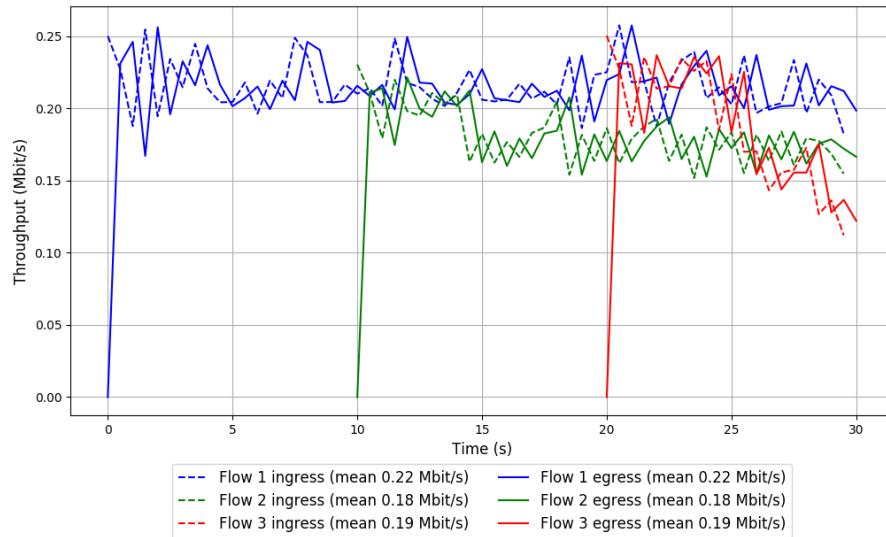


Run 7: Statistics of SCReAM

```
Start at: 2018-05-24 16:01:42
End at: 2018-05-24 16:02:12
Local clock offset: 0.251 ms
Remote clock offset: 3.5 ms

# Below is generated by plot.py at 2018-05-24 17:39:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 30.495 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 29.881 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 30.528 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 29.858 ms
Loss rate: 0.44%
```

Run 7: Report of SCReAM — Data Link

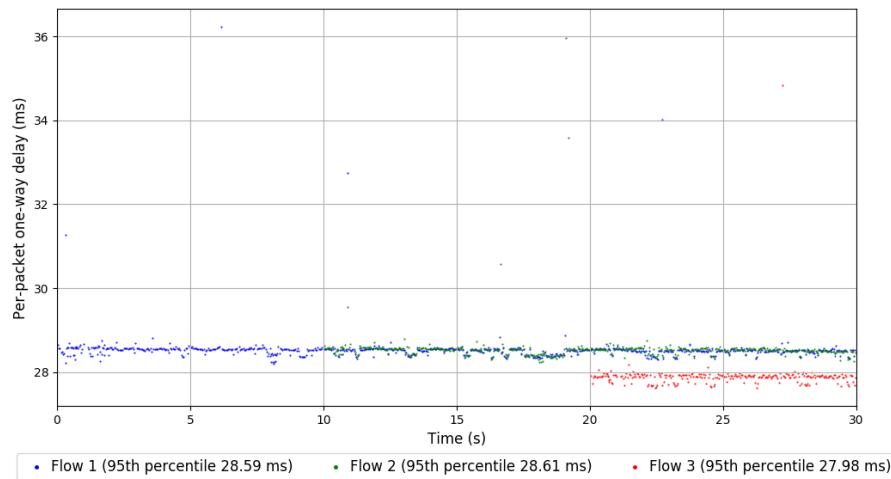
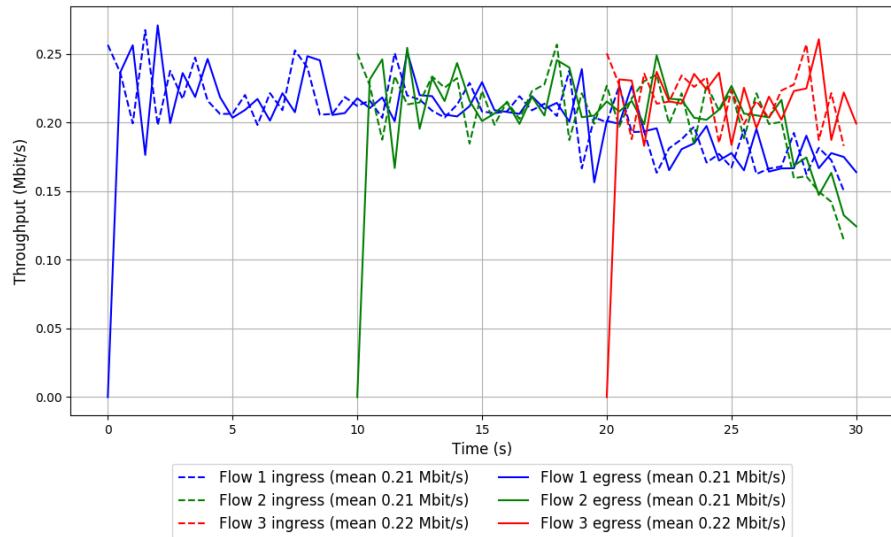


Run 8: Statistics of SCReAM

```
Start at: 2018-05-24 16:22:57
End at: 2018-05-24 16:23:27
Local clock offset: -0.047 ms
Remote clock offset: 1.235 ms

# Below is generated by plot.py at 2018-05-24 17:39:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 28.592 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 28.595 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 28.607 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 27.975 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

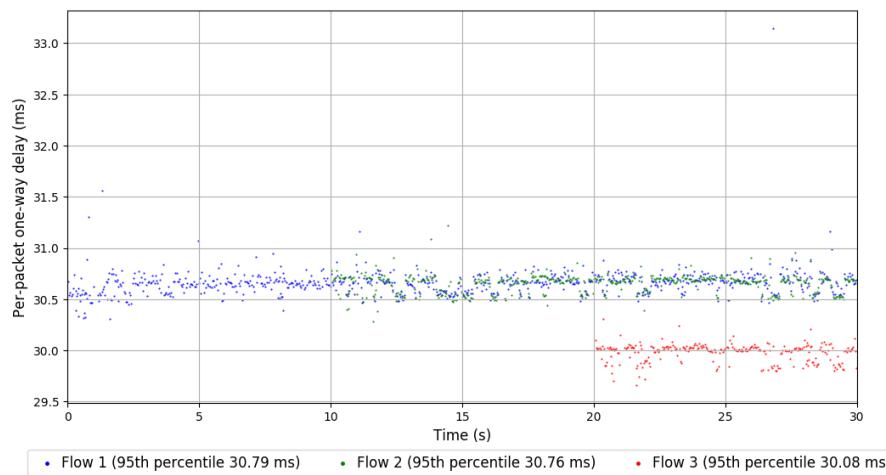
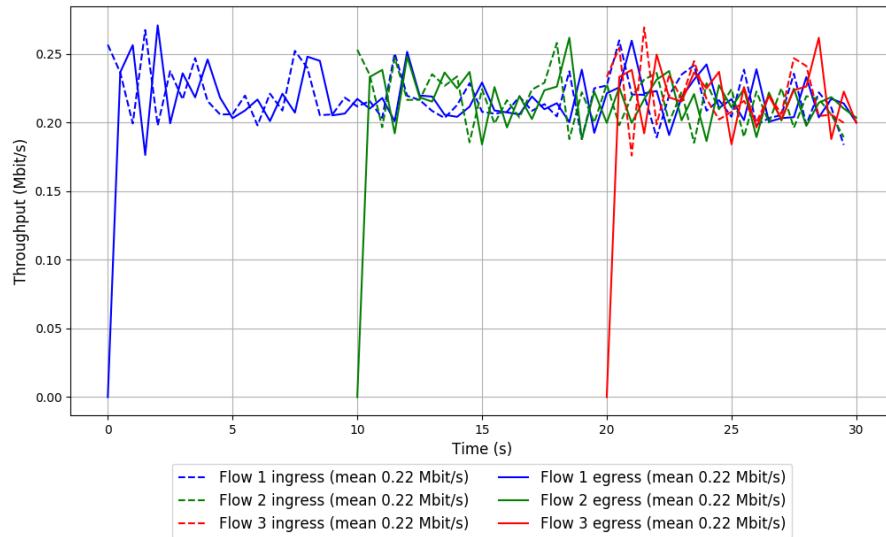


Run 9: Statistics of SCReAM

```
Start at: 2018-05-24 16:44:11
End at: 2018-05-24 16:44:41
Local clock offset: 0.191 ms
Remote clock offset: 3.321 ms

# Below is generated by plot.py at 2018-05-24 17:39:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 30.771 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.788 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.757 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.077 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

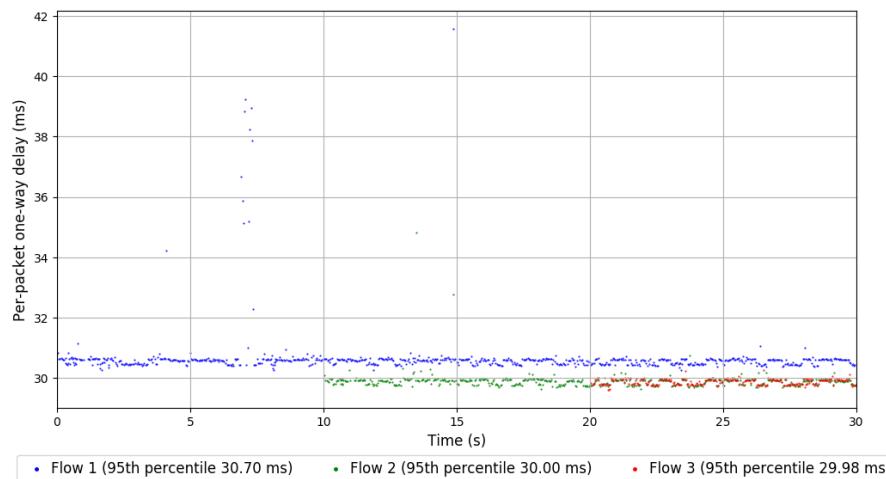
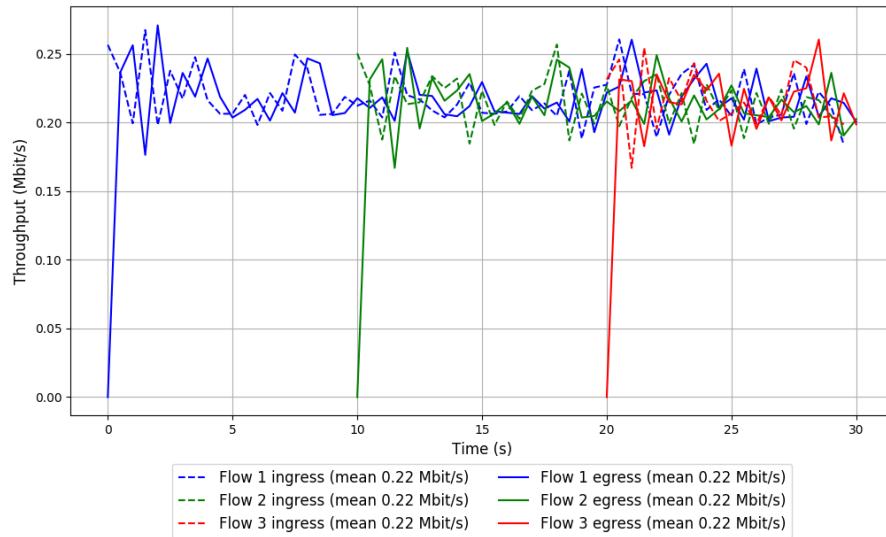


Run 10: Statistics of SCReAM

```
Start at: 2018-05-24 17:05:28
End at: 2018-05-24 17:05:58
Local clock offset: 0.18 ms
Remote clock offset: 2.633 ms

# Below is generated by plot.py at 2018-05-24 17:39:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 30.650 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.699 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.002 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 29.984 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

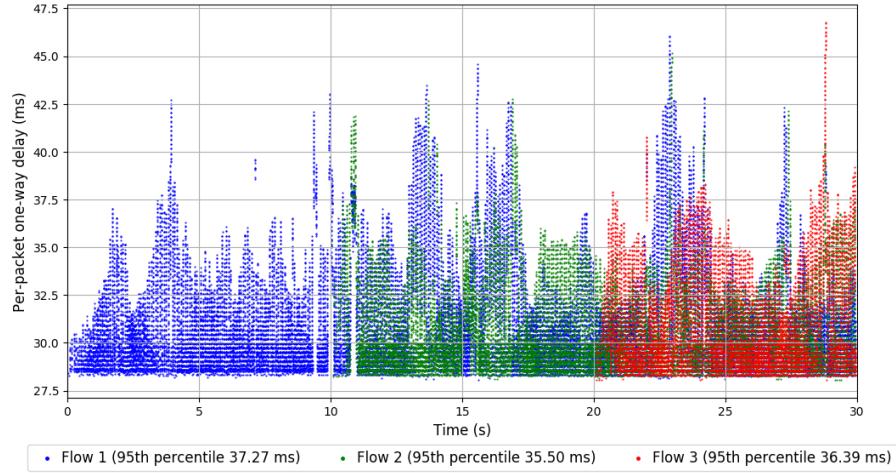
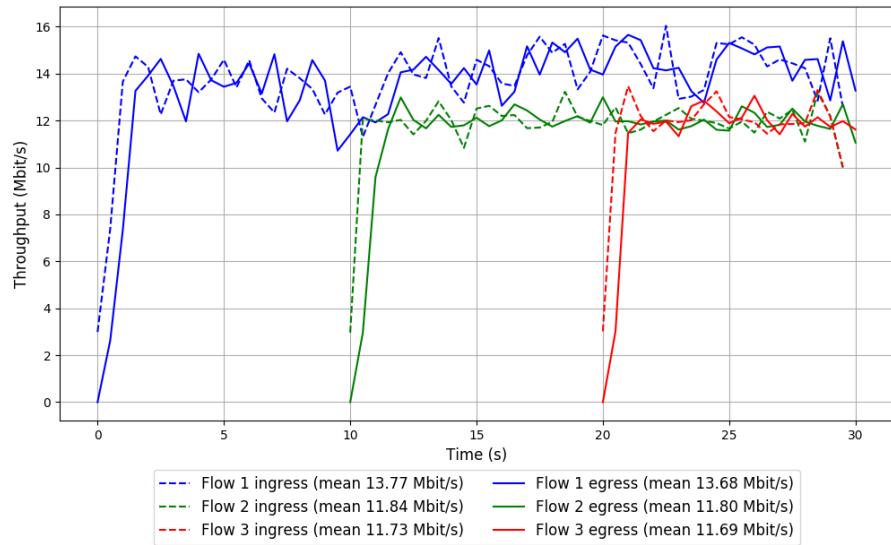


Run 1: Statistics of Sprout

```
Start at: 2018-05-24 14:00:50
End at: 2018-05-24 14:01:20
Local clock offset: 0.98 ms
Remote clock offset: 0.985 ms

# Below is generated by plot.py at 2018-05-24 17:39:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 25.38 Mbit/s
95th percentile per-packet one-way delay: 36.580 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 13.68 Mbit/s
95th percentile per-packet one-way delay: 37.275 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 11.80 Mbit/s
95th percentile per-packet one-way delay: 35.500 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 11.69 Mbit/s
95th percentile per-packet one-way delay: 36.393 ms
Loss rate: 0.30%
```

Run 1: Report of Sprout — Data Link

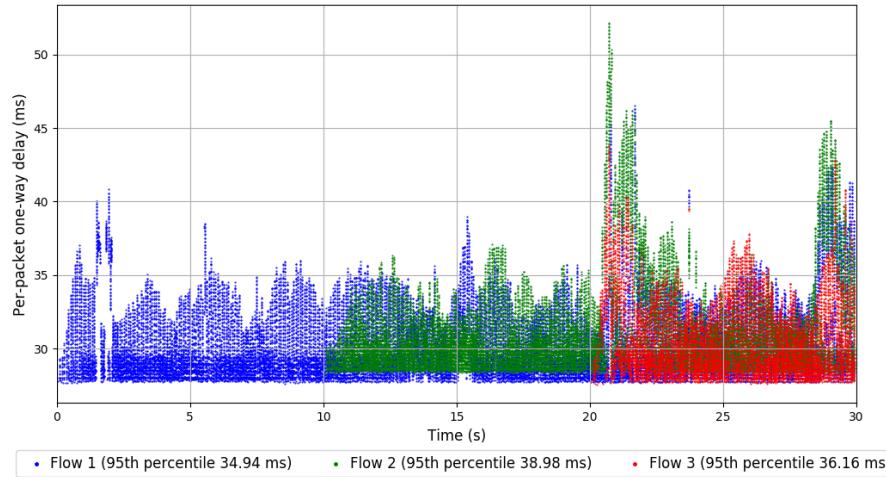
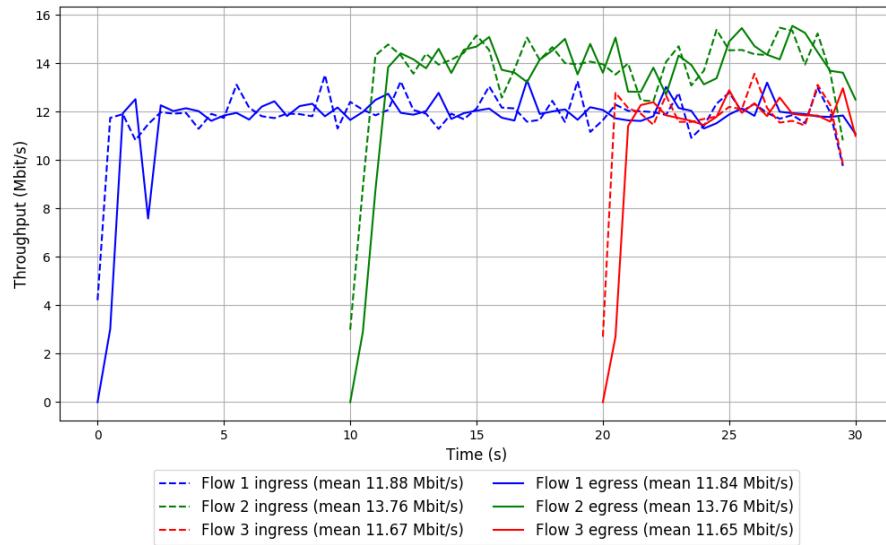


Run 2: Statistics of Sprout

```
Start at: 2018-05-24 14:22:06
End at: 2018-05-24 14:22:36
Local clock offset: -0.325 ms
Remote clock offset: 1.222 ms

# Below is generated by plot.py at 2018-05-24 17:39:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 24.84 Mbit/s
95th percentile per-packet one-way delay: 36.512 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 11.84 Mbit/s
95th percentile per-packet one-way delay: 34.938 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 13.76 Mbit/s
95th percentile per-packet one-way delay: 38.983 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.65 Mbit/s
95th percentile per-packet one-way delay: 36.161 ms
Loss rate: 0.10%
```

## Run 2: Report of Sprout — Data Link

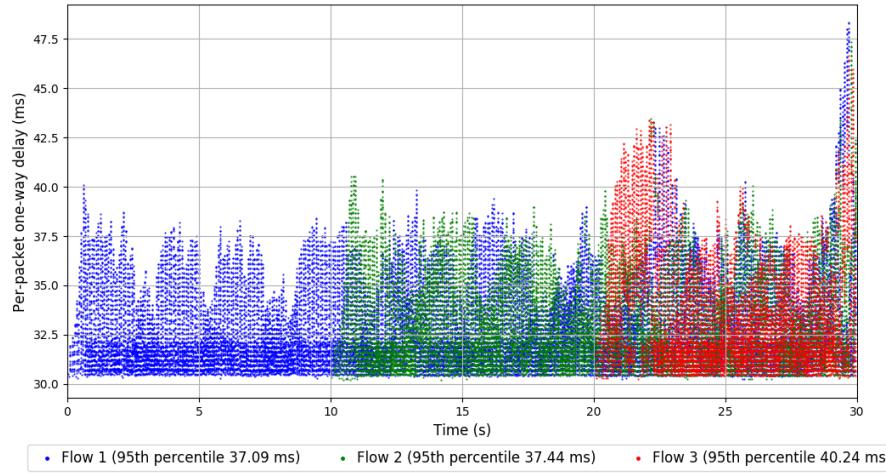
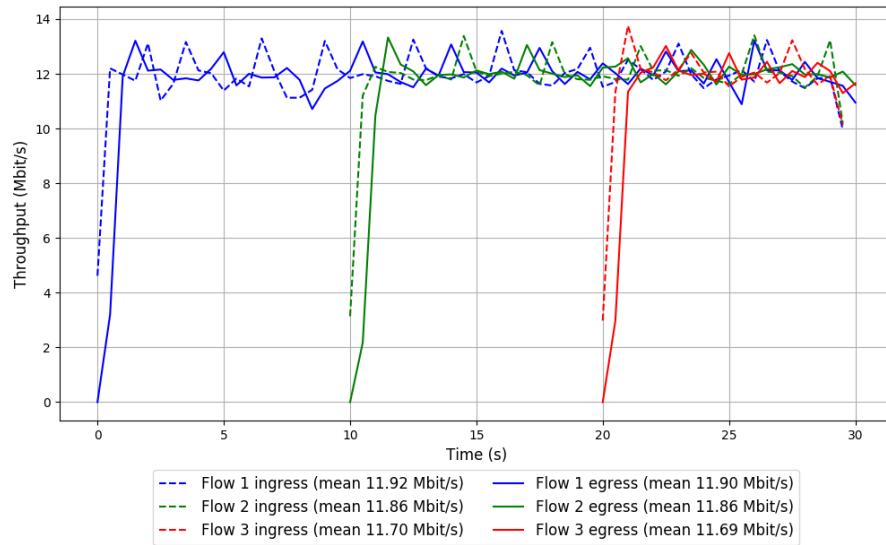


Run 3: Statistics of Sprout

```
Start at: 2018-05-24 14:43:22
End at: 2018-05-24 14:43:52
Local clock offset: -0.69 ms
Remote clock offset: 3.746 ms

# Below is generated by plot.py at 2018-05-24 17:39:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 23.66 Mbit/s
95th percentile per-packet one-way delay: 37.708 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 11.90 Mbit/s
95th percentile per-packet one-way delay: 37.087 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 11.86 Mbit/s
95th percentile per-packet one-way delay: 37.436 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.69 Mbit/s
95th percentile per-packet one-way delay: 40.245 ms
Loss rate: 0.00%
```

### Run 3: Report of Sprout — Data Link

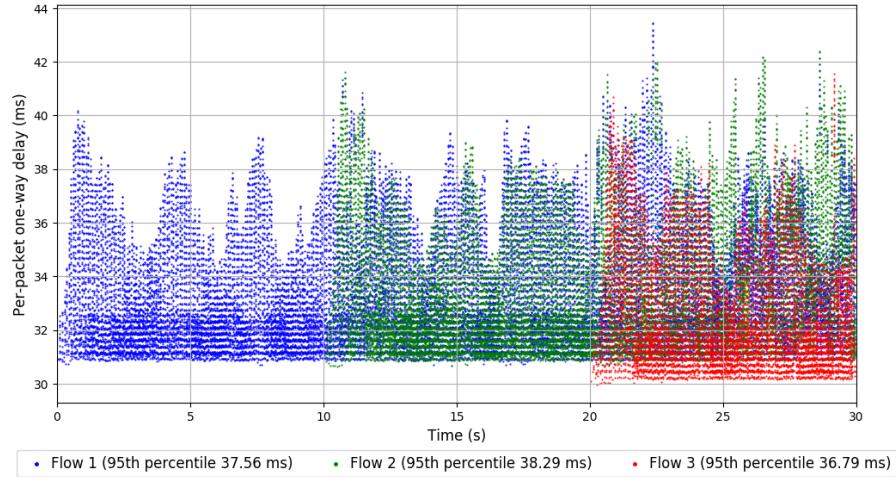
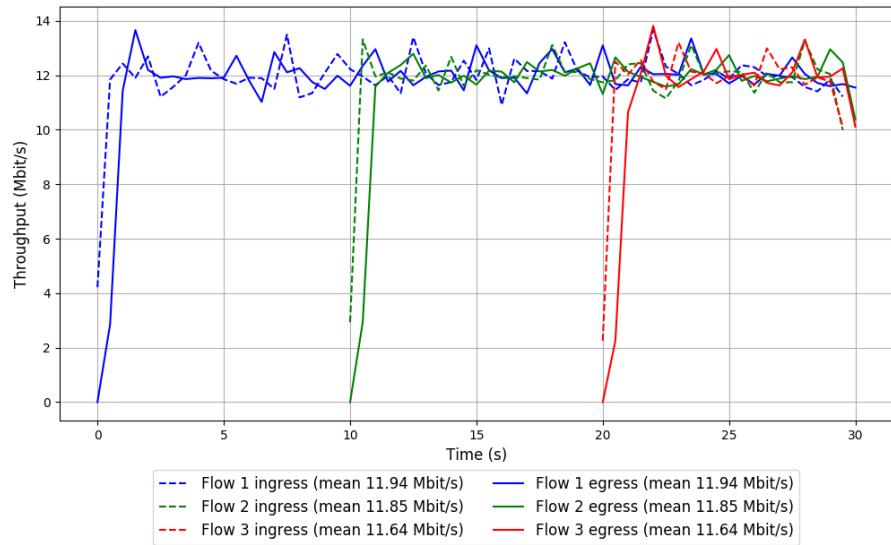


Run 4: Statistics of Sprout

```
Start at: 2018-05-24 15:04:38
End at: 2018-05-24 15:05:08
Local clock offset: -0.065 ms
Remote clock offset: 4.474 ms

# Below is generated by plot.py at 2018-05-24 17:39:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 23.67 Mbit/s
95th percentile per-packet one-way delay: 37.711 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.94 Mbit/s
95th percentile per-packet one-way delay: 37.559 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 11.85 Mbit/s
95th percentile per-packet one-way delay: 38.287 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 11.64 Mbit/s
95th percentile per-packet one-way delay: 36.792 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

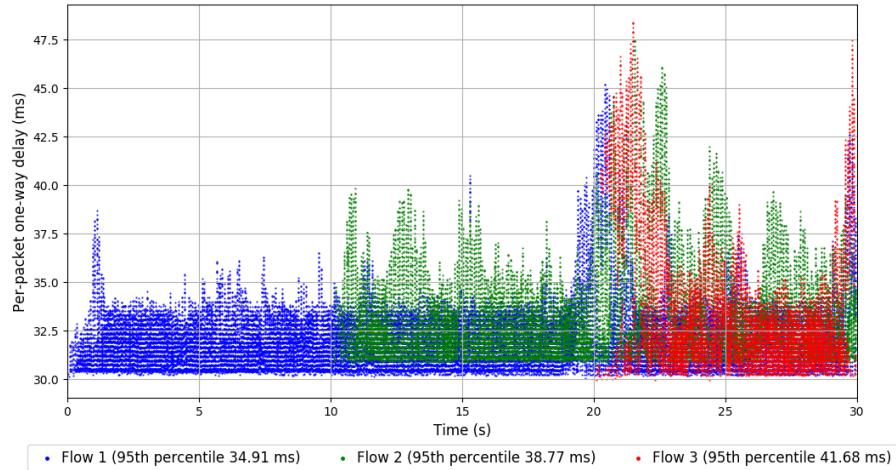
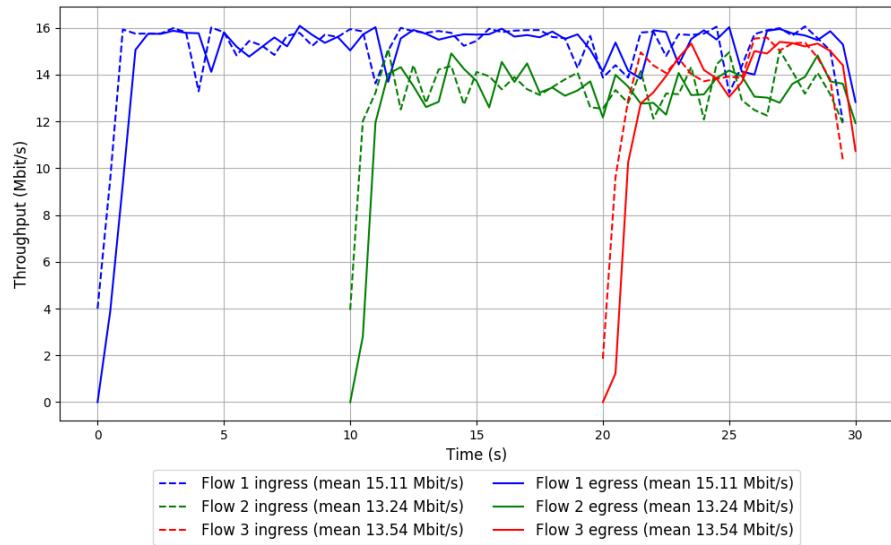


Run 5: Statistics of Sprout

```
Start at: 2018-05-24 15:25:56
End at: 2018-05-24 15:26:26
Local clock offset: 0.332 ms
Remote clock offset: 4.861 ms

# Below is generated by plot.py at 2018-05-24 17:39:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 28.38 Mbit/s
95th percentile per-packet one-way delay: 38.129 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.11 Mbit/s
95th percentile per-packet one-way delay: 34.906 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 13.24 Mbit/s
95th percentile per-packet one-way delay: 38.765 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 13.54 Mbit/s
95th percentile per-packet one-way delay: 41.684 ms
Loss rate: 0.00%
```

## Run 5: Report of Sprout — Data Link

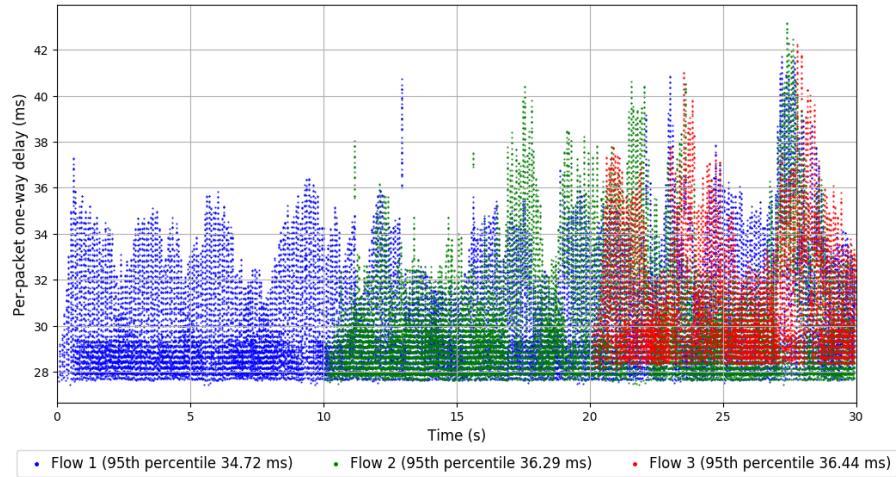
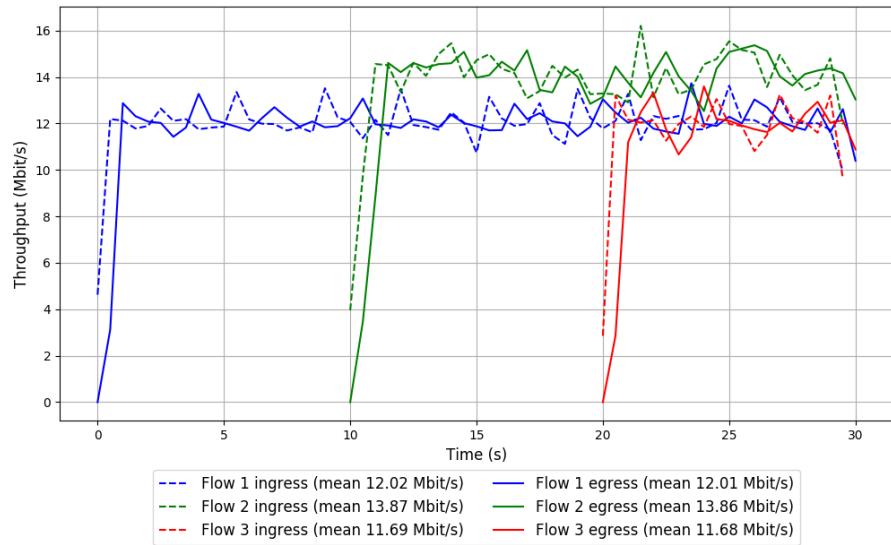


Run 6: Statistics of Sprout

```
Start at: 2018-05-24 15:47:12
End at: 2018-05-24 15:47:42
Local clock offset: 0.406 ms
Remote clock offset: 1.406 ms

# Below is generated by plot.py at 2018-05-24 17:39:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 25.08 Mbit/s
95th percentile per-packet one-way delay: 35.654 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 12.01 Mbit/s
95th percentile per-packet one-way delay: 34.724 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 13.86 Mbit/s
95th percentile per-packet one-way delay: 36.293 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 11.68 Mbit/s
95th percentile per-packet one-way delay: 36.436 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

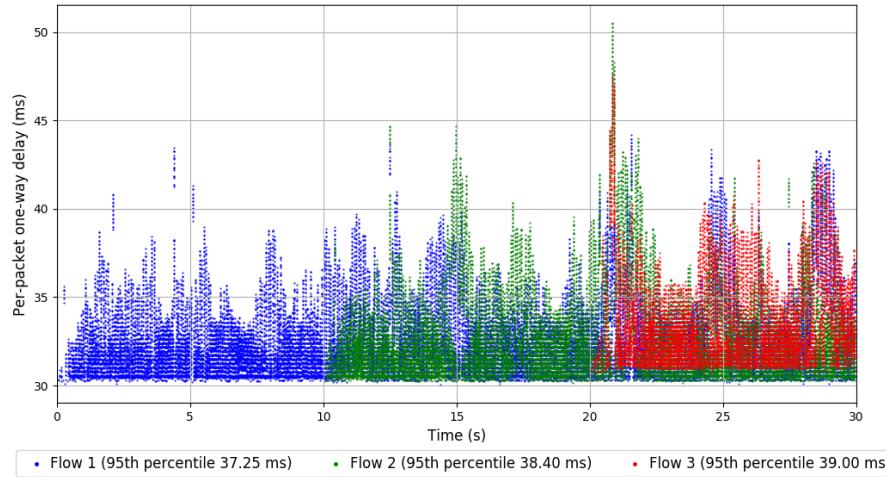
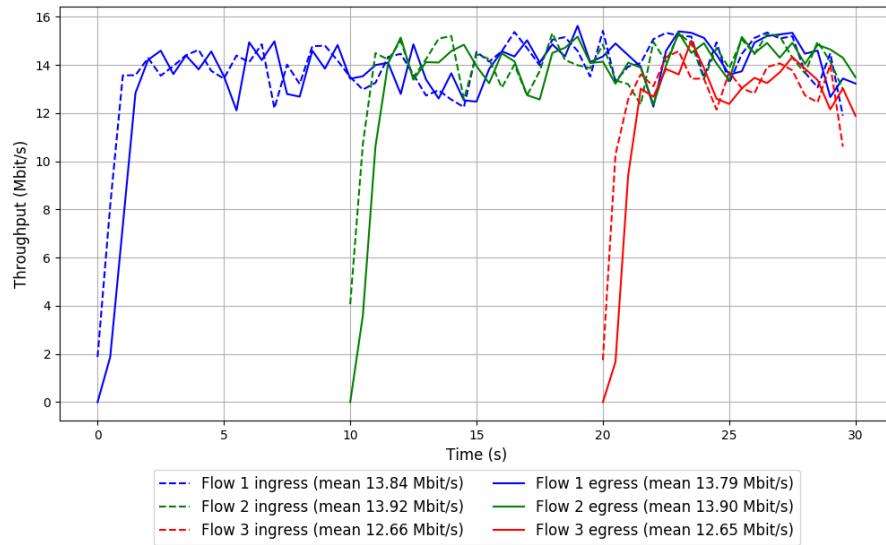


Run 7: Statistics of Sprout

```
Start at: 2018-05-24 16:08:27
End at: 2018-05-24 16:08:57
Local clock offset: 0.153 ms
Remote clock offset: 4.164 ms

# Below is generated by plot.py at 2018-05-24 17:39:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 27.22 Mbit/s
95th percentile per-packet one-way delay: 38.001 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 13.79 Mbit/s
95th percentile per-packet one-way delay: 37.247 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 13.90 Mbit/s
95th percentile per-packet one-way delay: 38.398 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 12.65 Mbit/s
95th percentile per-packet one-way delay: 39.001 ms
Loss rate: 0.09%
```

Run 7: Report of Sprout — Data Link

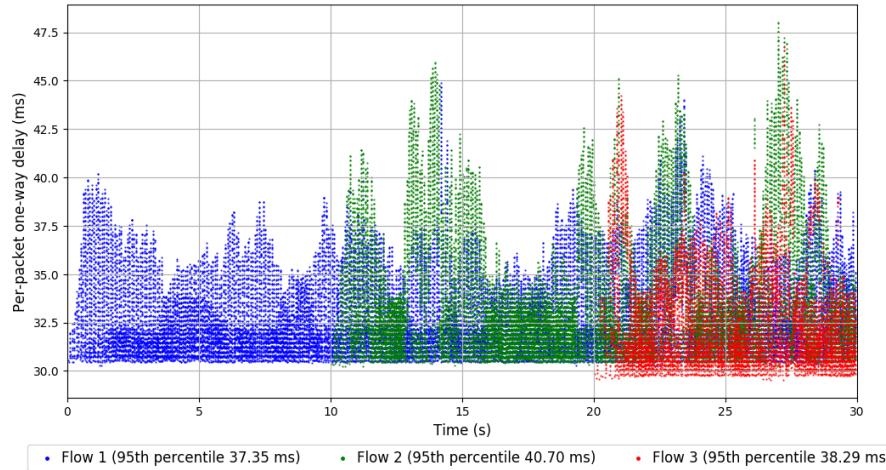
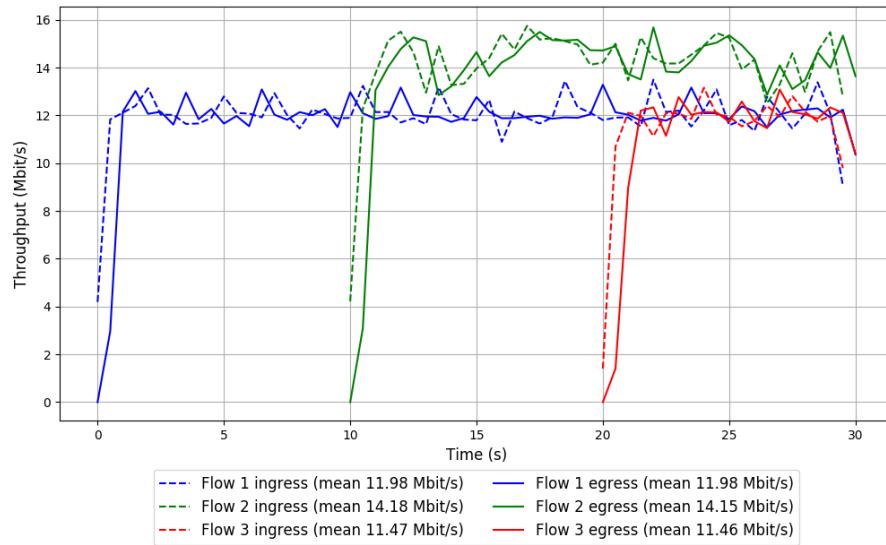


Run 8: Statistics of Sprout

```
Start at: 2018-05-24 16:29:43
End at: 2018-05-24 16:30:13
Local clock offset: 0.095 ms
Remote clock offset: 3.285 ms

# Below is generated by plot.py at 2018-05-24 17:39:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 25.18 Mbit/s
95th percentile per-packet one-way delay: 38.953 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 11.98 Mbit/s
95th percentile per-packet one-way delay: 37.350 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 14.15 Mbit/s
95th percentile per-packet one-way delay: 40.703 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 11.46 Mbit/s
95th percentile per-packet one-way delay: 38.288 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

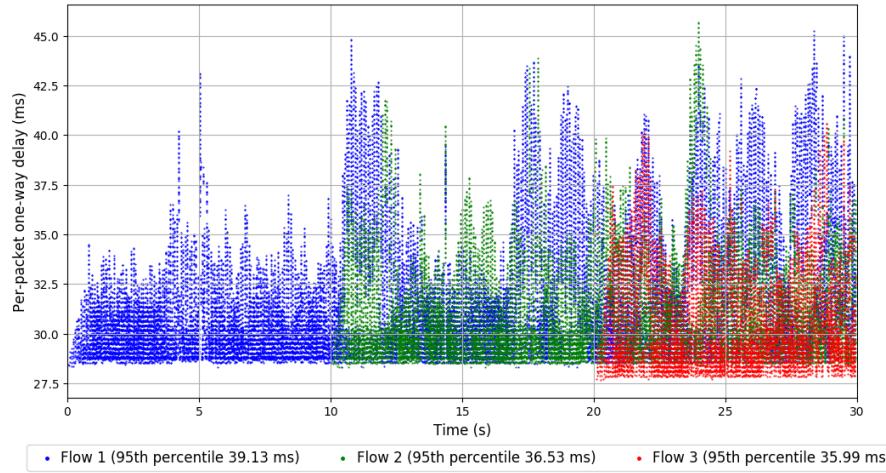
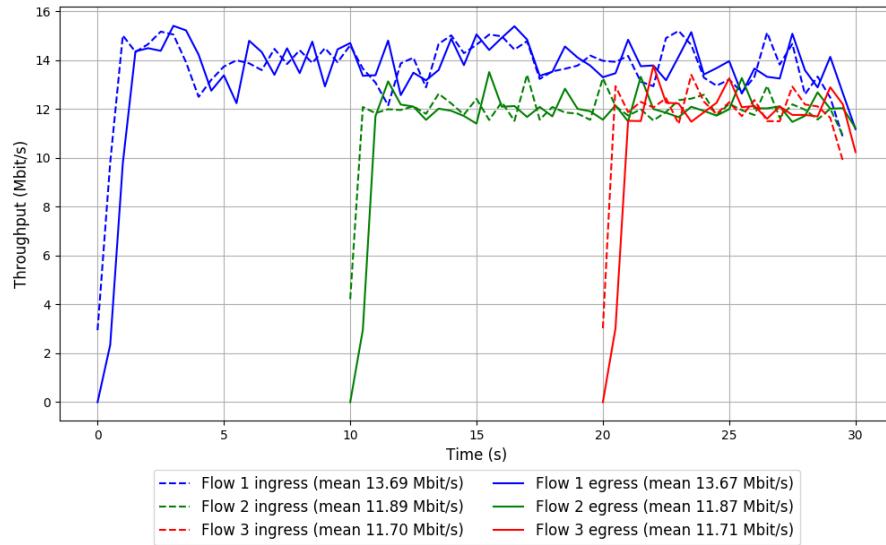


Run 9: Statistics of Sprout

```
Start at: 2018-05-24 16:50:55
End at: 2018-05-24 16:51:25
Local clock offset: 0.148 ms
Remote clock offset: 0.819 ms

# Below is generated by plot.py at 2018-05-24 17:39:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 25.44 Mbit/s
95th percentile per-packet one-way delay: 38.232 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 13.67 Mbit/s
95th percentile per-packet one-way delay: 39.129 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 11.87 Mbit/s
95th percentile per-packet one-way delay: 36.529 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 11.71 Mbit/s
95th percentile per-packet one-way delay: 35.992 ms
Loss rate: 0.00%
```

## Run 9: Report of Sprout — Data Link

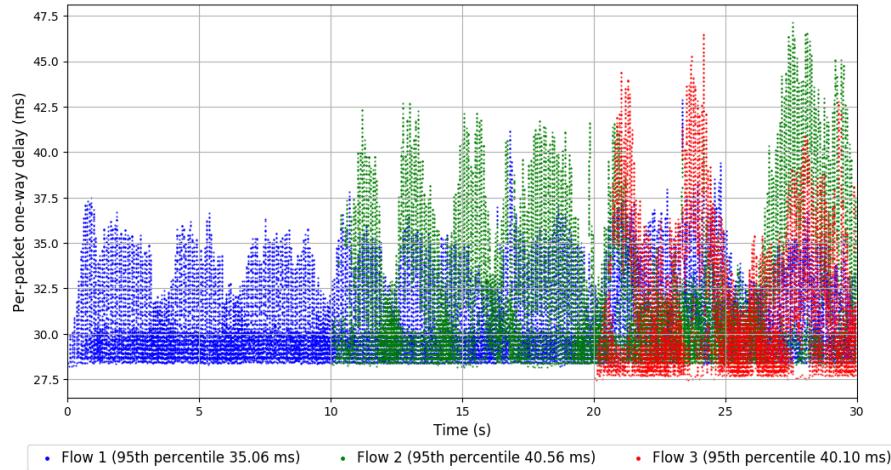
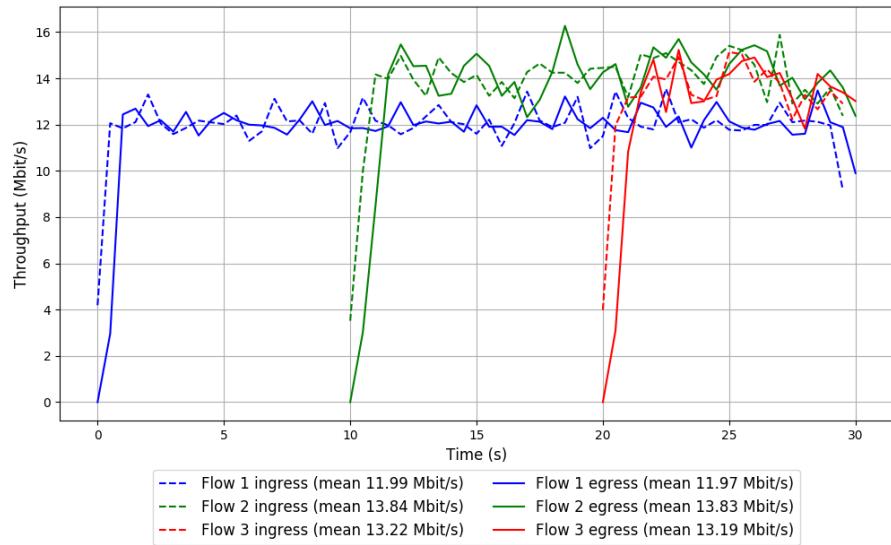


Run 10: Statistics of Sprout

```
Start at: 2018-05-24 17:12:13
End at: 2018-05-24 17:12:43
Local clock offset: 0.136 ms
Remote clock offset: 0.517 ms

# Below is generated by plot.py at 2018-05-24 17:39:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 25.53 Mbit/s
95th percentile per-packet one-way delay: 38.940 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 11.97 Mbit/s
95th percentile per-packet one-way delay: 35.062 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 13.83 Mbit/s
95th percentile per-packet one-way delay: 40.564 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 13.19 Mbit/s
95th percentile per-packet one-way delay: 40.104 ms
Loss rate: 0.20%
```

## Run 10: Report of Sprout — Data Link

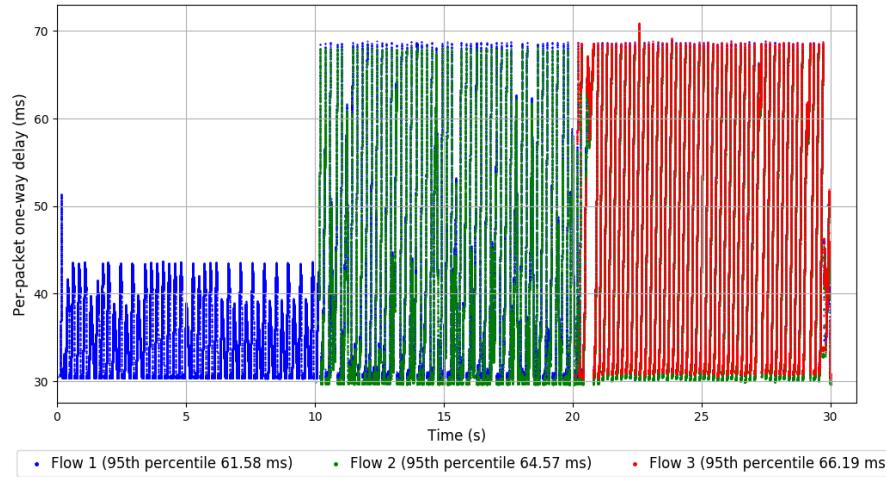
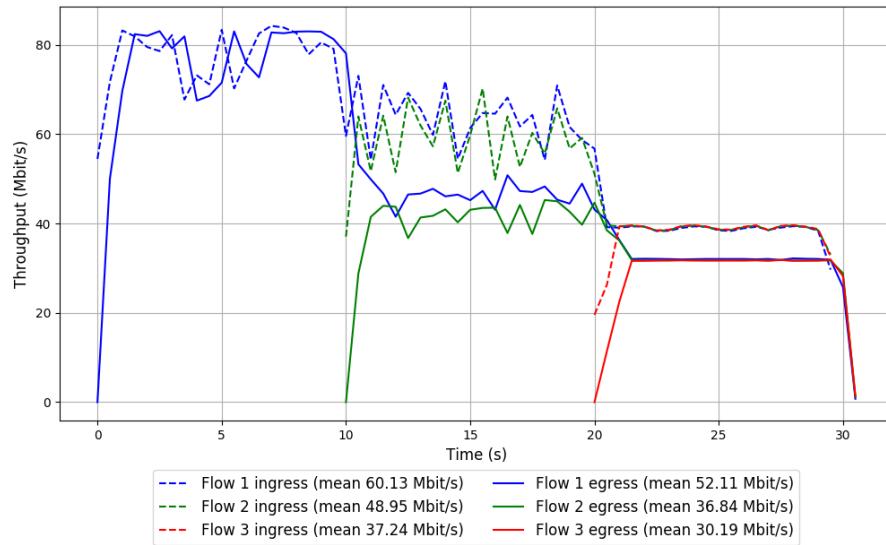


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-05-24 13:58:04
End at: 2018-05-24 13:58:34
Local clock offset: 1.294 ms
Remote clock offset: 2.985 ms

# Below is generated by plot.py at 2018-05-24 17:41:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.71 Mbit/s
95th percentile per-packet one-way delay: 63.850 ms
Loss rate: 17.54%
-- Flow 1:
Average throughput: 52.11 Mbit/s
95th percentile per-packet one-way delay: 61.576 ms
Loss rate: 13.33%
-- Flow 2:
Average throughput: 36.84 Mbit/s
95th percentile per-packet one-way delay: 64.571 ms
Loss rate: 24.74%
-- Flow 3:
Average throughput: 30.19 Mbit/s
95th percentile per-packet one-way delay: 66.194 ms
Loss rate: 18.97%
```

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

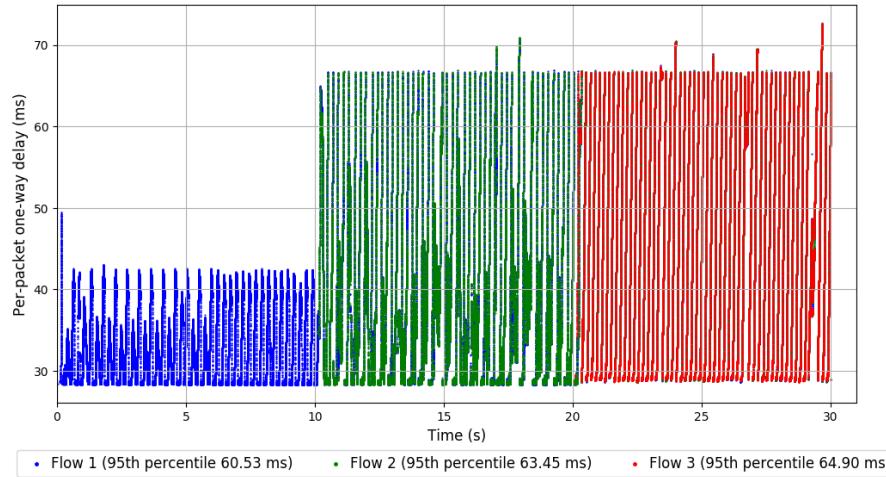
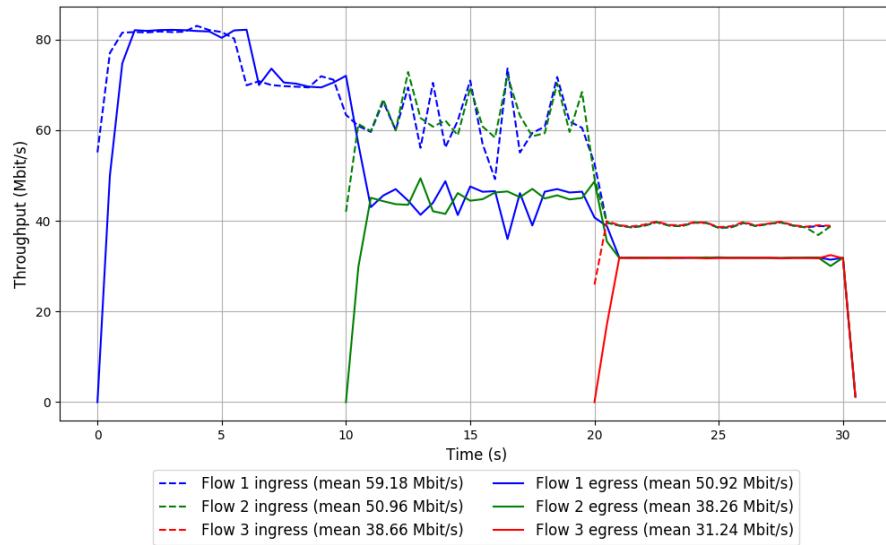


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-05-24 14:19:20
End at: 2018-05-24 14:19:50
Local clock offset: -0.23 ms
Remote clock offset: 1.174 ms

# Below is generated by plot.py at 2018-05-24 17:41:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.79 Mbit/s
95th percentile per-packet one-way delay: 62.614 ms
Loss rate: 18.11%
-- Flow 1:
Average throughput: 50.92 Mbit/s
95th percentile per-packet one-way delay: 60.534 ms
Loss rate: 13.97%
-- Flow 2:
Average throughput: 38.26 Mbit/s
95th percentile per-packet one-way delay: 63.454 ms
Loss rate: 24.93%
-- Flow 3:
Average throughput: 31.24 Mbit/s
95th percentile per-packet one-way delay: 64.899 ms
Loss rate: 19.18%
```

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

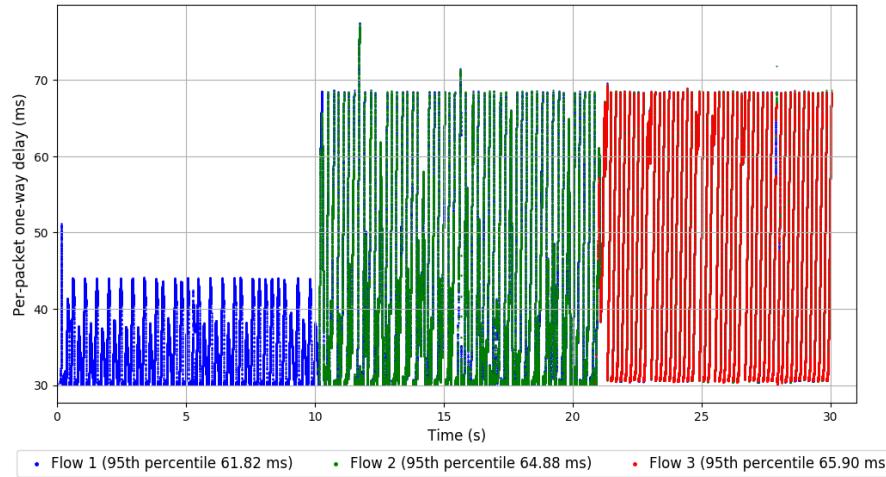
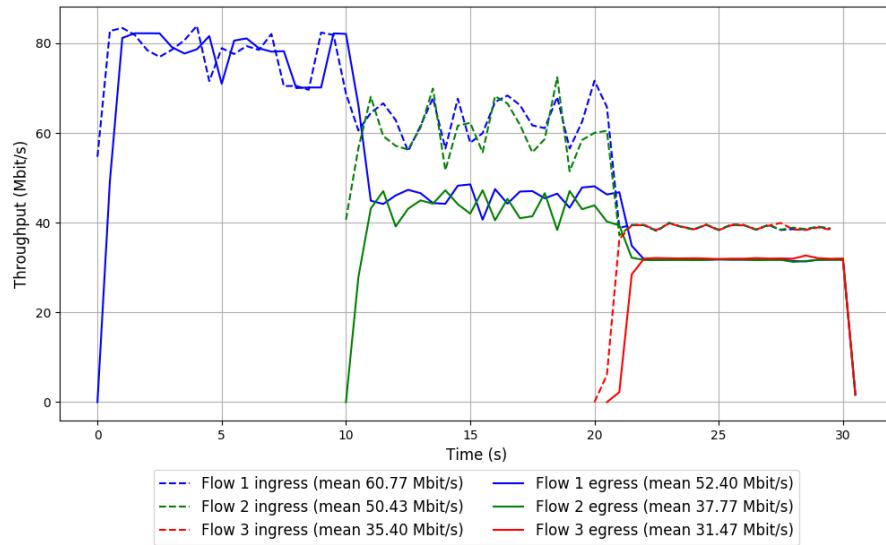


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-05-24 14:40:36
End at: 2018-05-24 14:41:06
Local clock offset: -0.612 ms
Remote clock offset: 4.108 ms

# Below is generated by plot.py at 2018-05-24 17:41:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.19 Mbit/s
95th percentile per-packet one-way delay: 64.098 ms
Loss rate: 17.83%
-- Flow 1:
Average throughput: 52.40 Mbit/s
95th percentile per-packet one-way delay: 61.818 ms
Loss rate: 13.75%
-- Flow 2:
Average throughput: 37.77 Mbit/s
95th percentile per-packet one-way delay: 64.879 ms
Loss rate: 25.09%
-- Flow 3:
Average throughput: 31.47 Mbit/s
95th percentile per-packet one-way delay: 65.897 ms
Loss rate: 18.18%
```

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

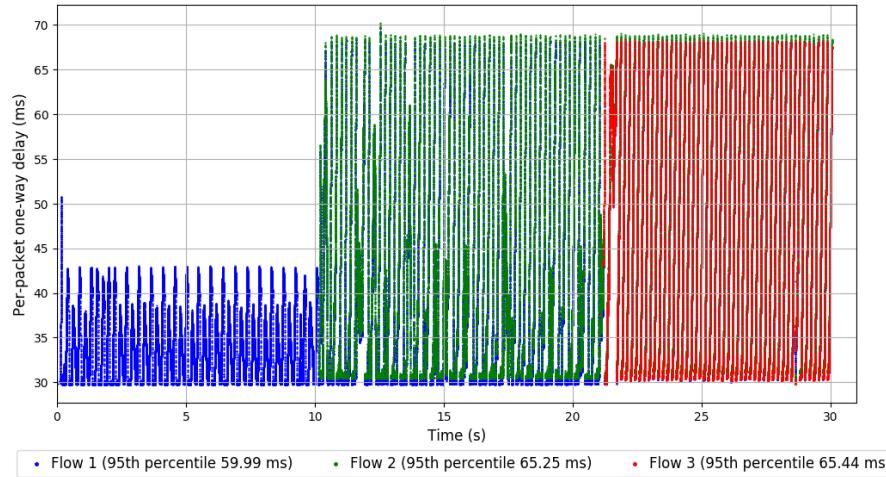
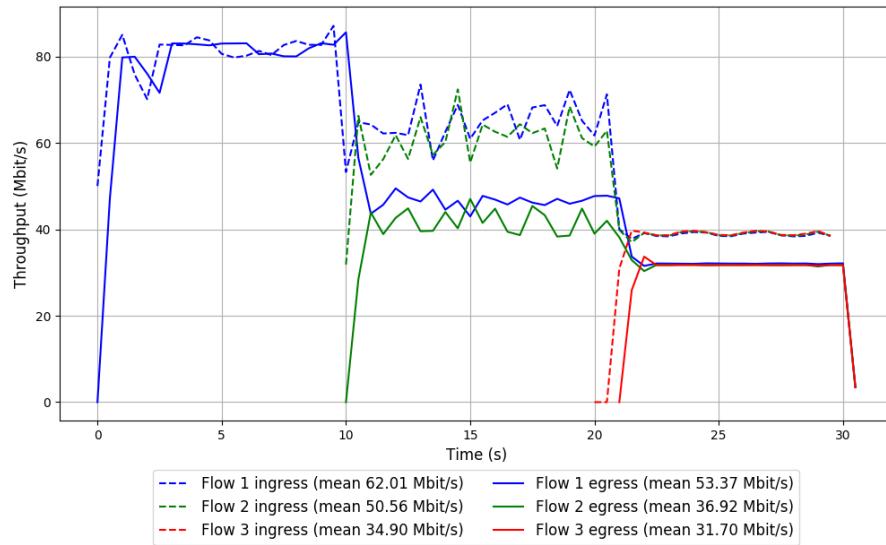


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-05-24 15:01:52
End at: 2018-05-24 15:02:22
Local clock offset: -0.228 ms
Remote clock offset: 4.063 ms

# Below is generated by plot.py at 2018-05-24 17:41:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.46 Mbit/s
95th percentile per-packet one-way delay: 63.494 ms
Loss rate: 18.39%
-- Flow 1:
Average throughput: 53.37 Mbit/s
95th percentile per-packet one-way delay: 59.990 ms
Loss rate: 13.84%
-- Flow 2:
Average throughput: 36.92 Mbit/s
95th percentile per-packet one-way delay: 65.247 ms
Loss rate: 26.88%
-- Flow 3:
Average throughput: 31.70 Mbit/s
95th percentile per-packet one-way delay: 65.441 ms
Loss rate: 18.02%
```

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

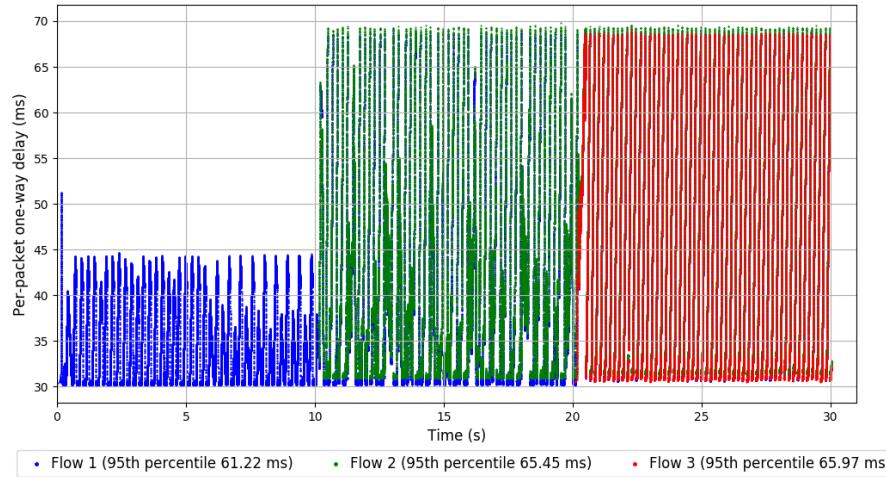
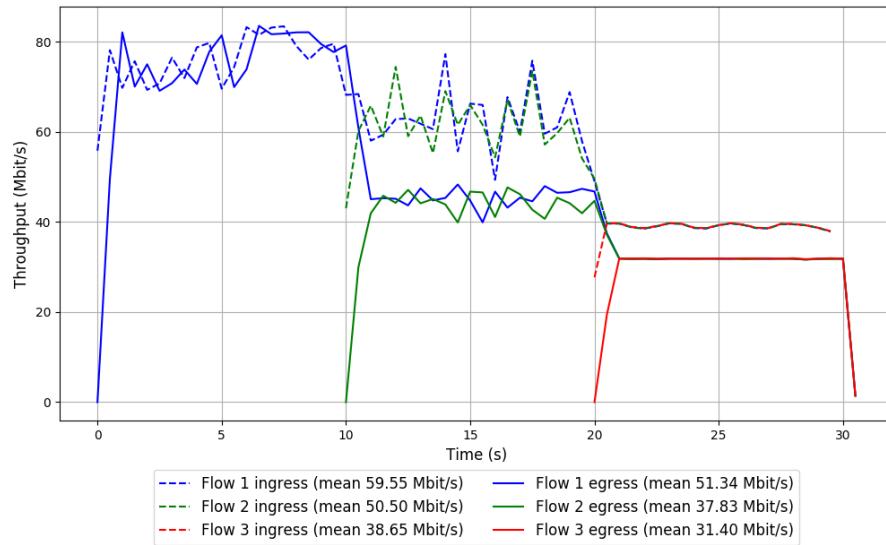


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-05-24 15:23:10
End at: 2018-05-24 15:23:40
Local clock offset: 0.239 ms
Remote clock offset: 4.797 ms

# Below is generated by plot.py at 2018-05-24 17:41:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.98 Mbit/s
95th percentile per-packet one-way delay: 64.105 ms
Loss rate: 17.98%
-- Flow 1:
Average throughput: 51.34 Mbit/s
95th percentile per-packet one-way delay: 61.224 ms
Loss rate: 13.79%
-- Flow 2:
Average throughput: 37.83 Mbit/s
95th percentile per-packet one-way delay: 65.452 ms
Loss rate: 25.09%
-- Flow 3:
Average throughput: 31.40 Mbit/s
95th percentile per-packet one-way delay: 65.975 ms
Loss rate: 18.74%
```

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

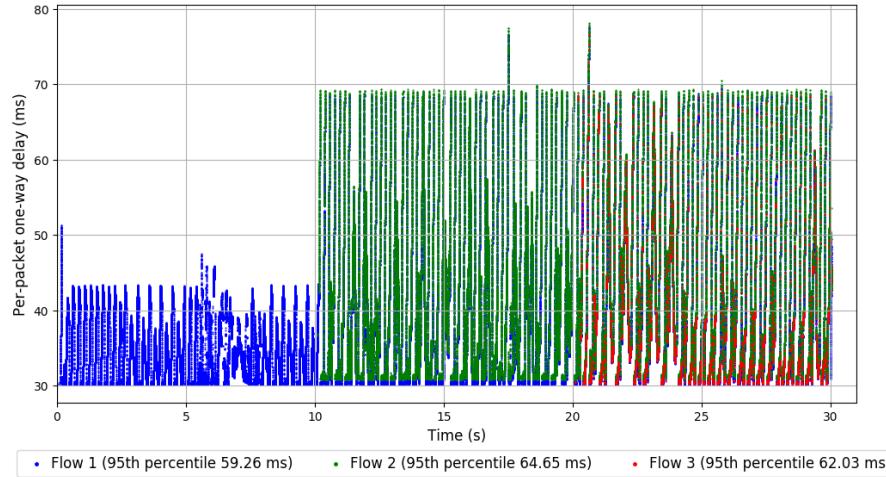
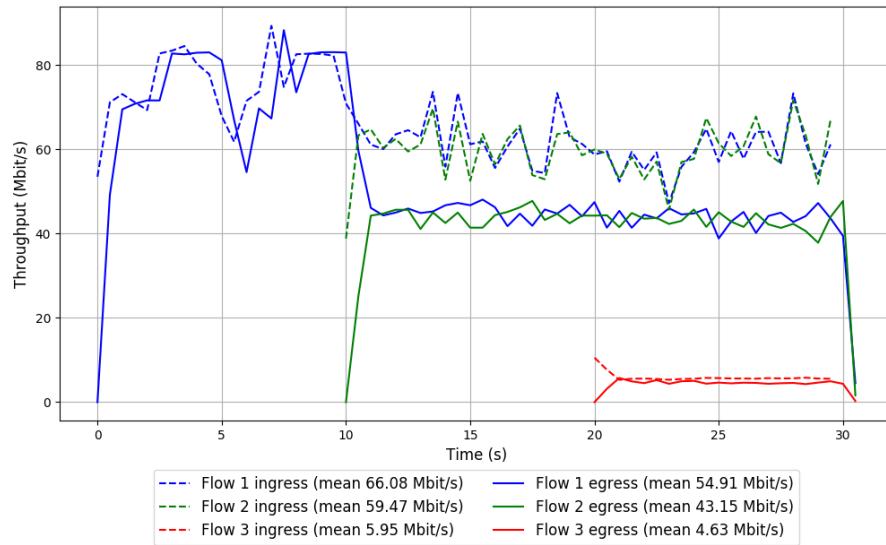


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-05-24 15:44:26
End at: 2018-05-24 15:44:56
Local clock offset: 0.428 ms
Remote clock offset: 4.066 ms

# Below is generated by plot.py at 2018-05-24 17:41:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.21 Mbit/s
95th percentile per-packet one-way delay: 62.041 ms
Loss rate: 20.84%
-- Flow 1:
Average throughput: 54.91 Mbit/s
95th percentile per-packet one-way delay: 59.262 ms
Loss rate: 16.87%
-- Flow 2:
Average throughput: 43.15 Mbit/s
95th percentile per-packet one-way delay: 64.654 ms
Loss rate: 27.39%
-- Flow 3:
Average throughput: 4.63 Mbit/s
95th percentile per-packet one-way delay: 62.033 ms
Loss rate: 22.11%
```

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

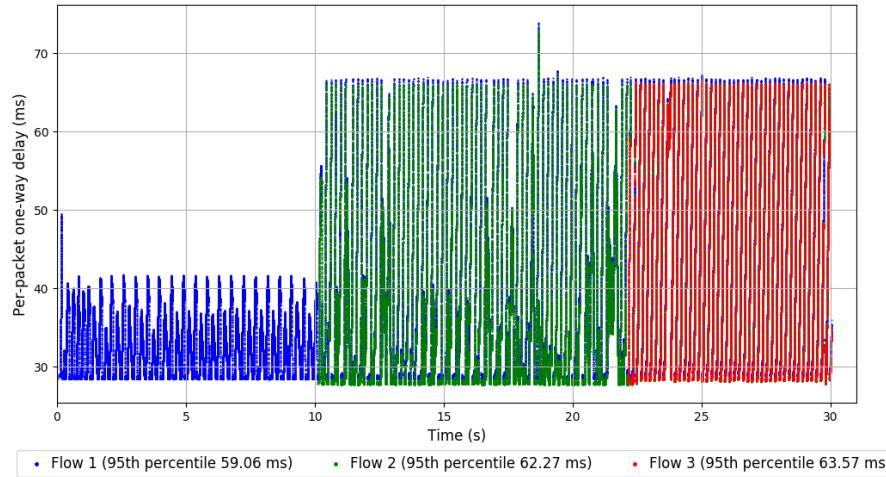
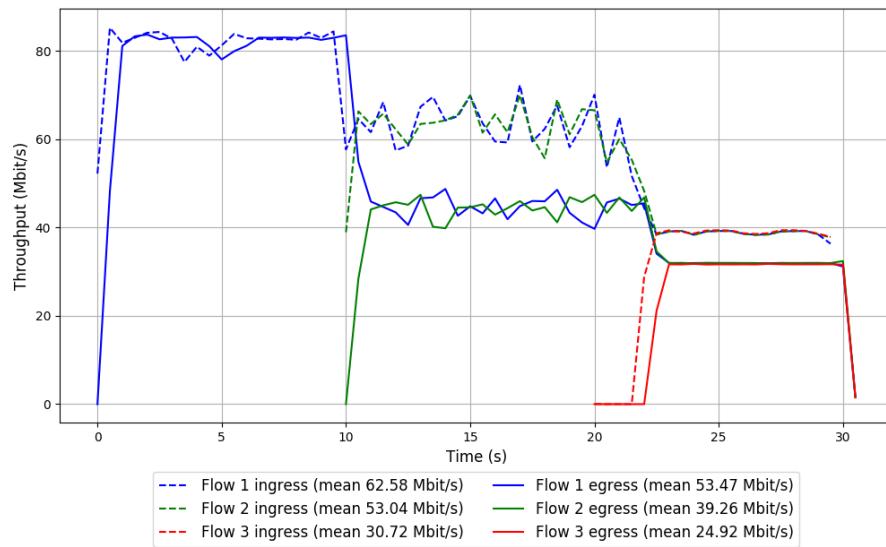


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-05-24 16:05:41
End at: 2018-05-24 16:06:11
Local clock offset: 0.118 ms
Remote clock offset: 1.547 ms

# Below is generated by plot.py at 2018-05-24 17:41:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.91 Mbit/s
95th percentile per-packet one-way delay: 61.104 ms
Loss rate: 18.68%
-- Flow 1:
Average throughput: 53.47 Mbit/s
95th percentile per-packet one-way delay: 59.058 ms
Loss rate: 14.53%
-- Flow 2:
Average throughput: 39.26 Mbit/s
95th percentile per-packet one-way delay: 62.270 ms
Loss rate: 25.99%
-- Flow 3:
Average throughput: 24.92 Mbit/s
95th percentile per-packet one-way delay: 63.569 ms
Loss rate: 18.82%
```

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

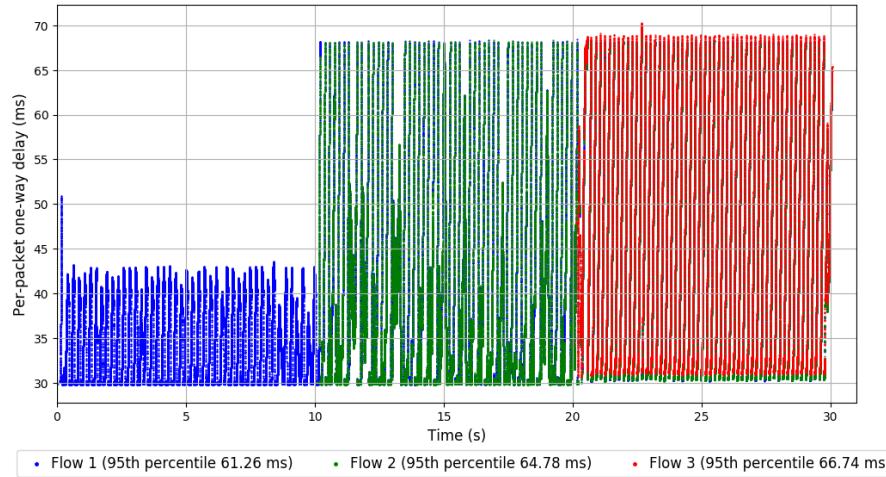
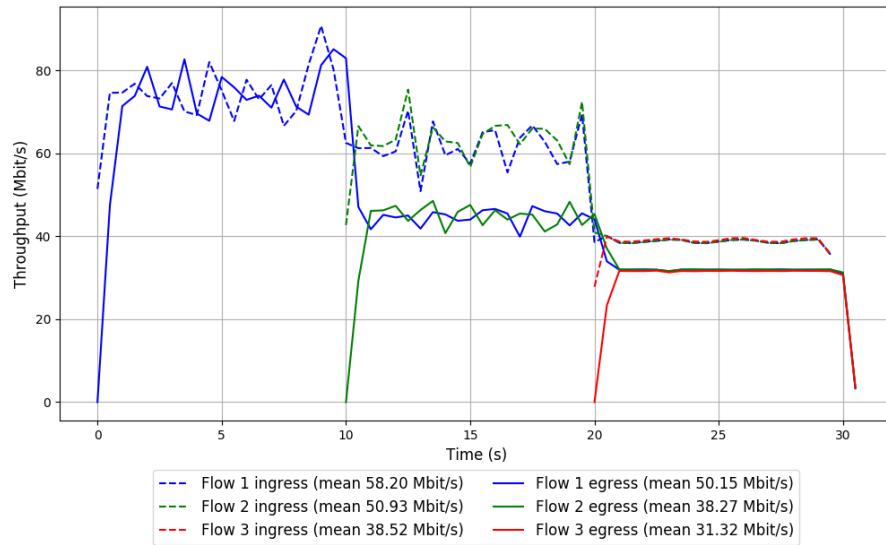


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-05-24 16:26:57
End at: 2018-05-24 16:27:27
Local clock offset: -0.007 ms
Remote clock offset: 3.301 ms

# Below is generated by plot.py at 2018-05-24 17:41:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.09 Mbit/s
95th percentile per-packet one-way delay: 63.849 ms
Loss rate: 17.86%
-- Flow 1:
Average throughput: 50.15 Mbit/s
95th percentile per-packet one-way delay: 61.264 ms
Loss rate: 13.74%
-- Flow 2:
Average throughput: 38.27 Mbit/s
95th percentile per-packet one-way delay: 64.781 ms
Loss rate: 24.72%
-- Flow 3:
Average throughput: 31.32 Mbit/s
95th percentile per-packet one-way delay: 66.737 ms
Loss rate: 18.43%
```

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

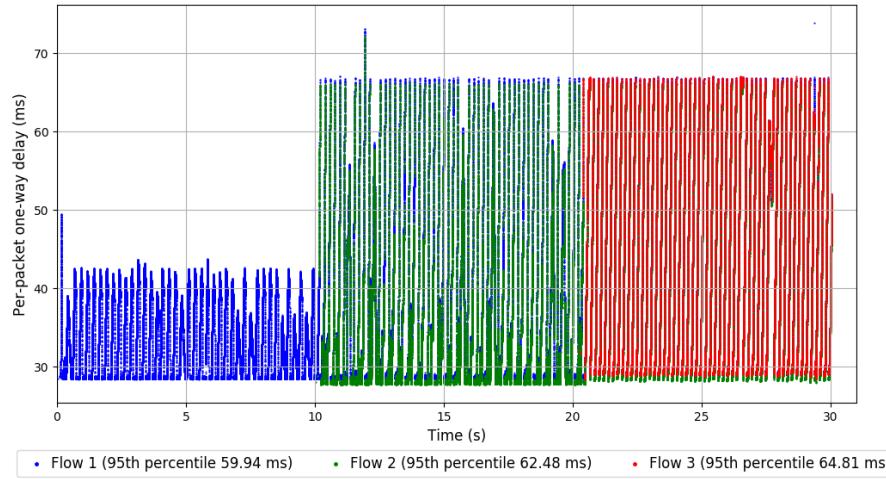
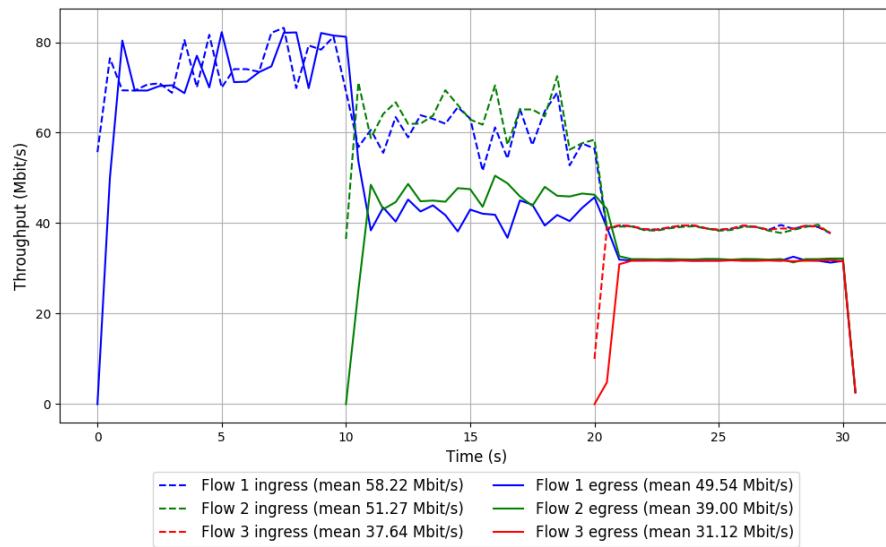


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-05-24 16:48:10
End at: 2018-05-24 16:48:40
Local clock offset: 0.224 ms
Remote clock offset: 0.951 ms

# Below is generated by plot.py at 2018-05-24 17:43:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.68 Mbit/s
95th percentile per-packet one-way delay: 62.052 ms
Loss rate: 18.25%
-- Flow 1:
Average throughput: 49.54 Mbit/s
95th percentile per-packet one-way delay: 59.940 ms
Loss rate: 14.84%
-- Flow 2:
Average throughput: 39.00 Mbit/s
95th percentile per-packet one-way delay: 62.480 ms
Loss rate: 23.84%
-- Flow 3:
Average throughput: 31.12 Mbit/s
95th percentile per-packet one-way delay: 64.813 ms
Loss rate: 18.83%
```

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

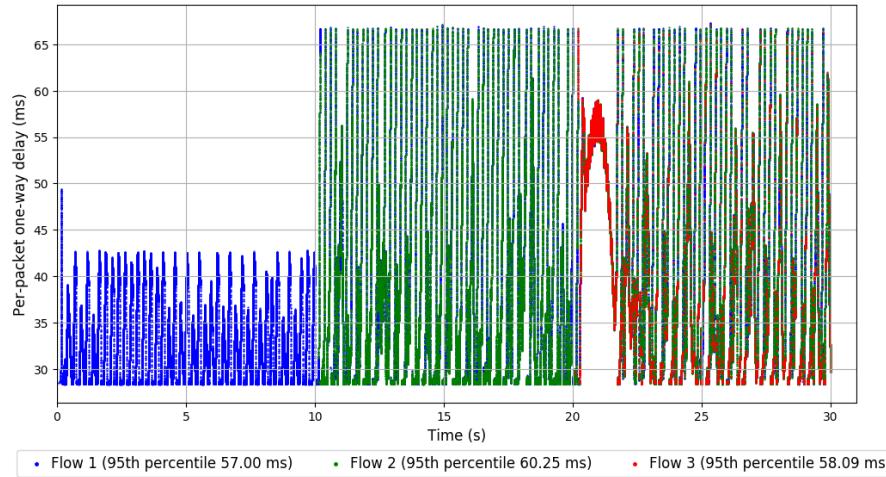
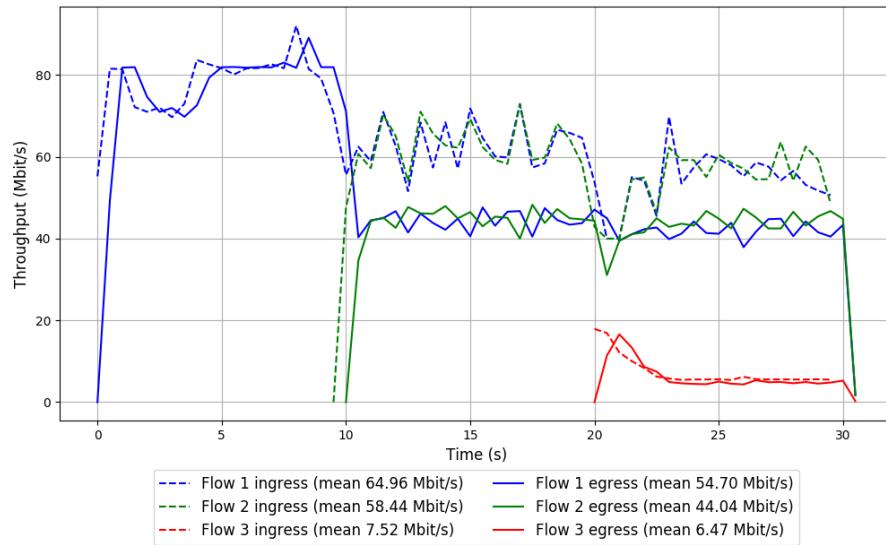


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-05-24 17:09:28
End at: 2018-05-24 17:09:58
Local clock offset: 0.148 ms
Remote clock offset: 0.511 ms

# Below is generated by plot.py at 2018-05-24 17:43:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.21 Mbit/s
95th percentile per-packet one-way delay: 58.284 ms
Loss rate: 18.99%
-- Flow 1:
Average throughput: 54.70 Mbit/s
95th percentile per-packet one-way delay: 57.000 ms
Loss rate: 15.80%
-- Flow 2:
Average throughput: 44.04 Mbit/s
95th percentile per-packet one-way delay: 60.253 ms
Loss rate: 24.63%
-- Flow 3:
Average throughput: 6.47 Mbit/s
95th percentile per-packet one-way delay: 58.093 ms
Loss rate: 13.89%
```

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

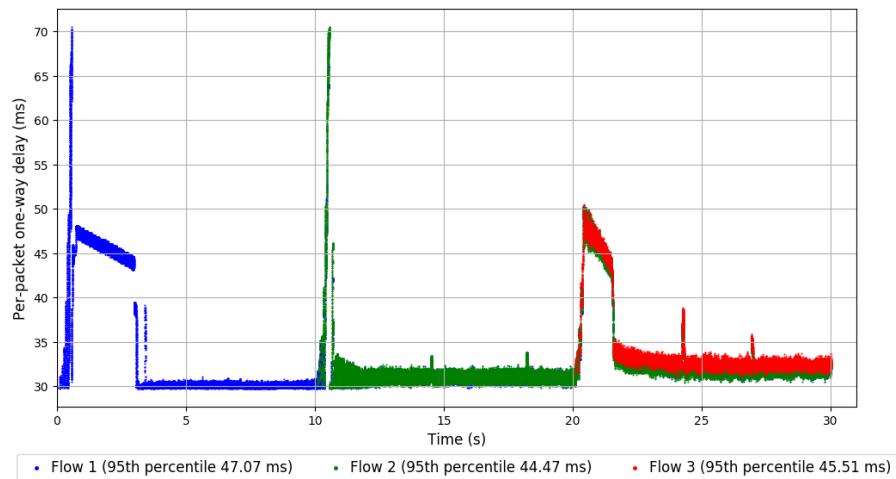
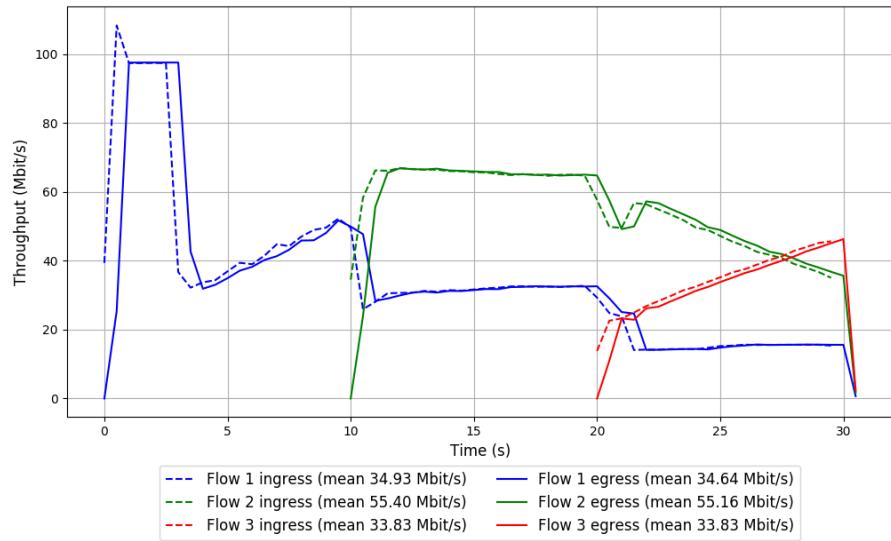


Run 1: Statistics of TCP Vegas

```
Start at: 2018-05-24 13:52:45
End at: 2018-05-24 13:53:15
Local clock offset: 1.717 ms
Remote clock offset: 3.024 ms

# Below is generated by plot.py at 2018-05-24 17:43:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 82.63 Mbit/s
95th percentile per-packet one-way delay: 46.576 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 34.64 Mbit/s
95th percentile per-packet one-way delay: 47.067 ms
Loss rate: 0.85%
-- Flow 2:
Average throughput: 55.16 Mbit/s
95th percentile per-packet one-way delay: 44.467 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 33.83 Mbit/s
95th percentile per-packet one-way delay: 45.511 ms
Loss rate: 0.01%
```

Run 1: Report of TCP Vegas — Data Link

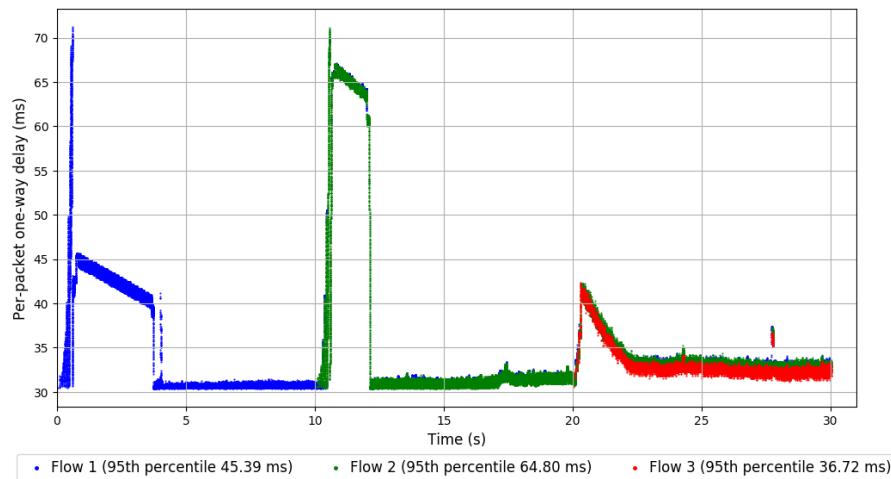
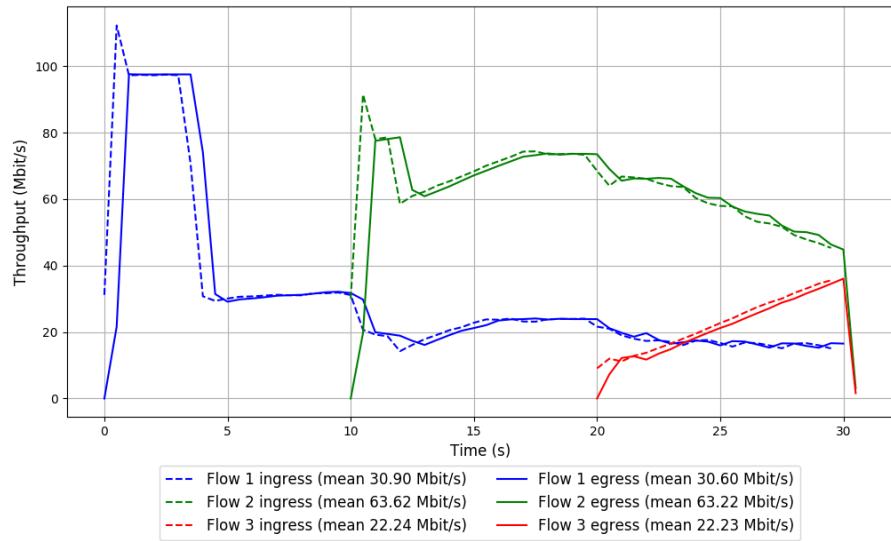


Run 2: Statistics of TCP Vegas

```
Start at: 2018-05-24 14:14:01
End at: 2018-05-24 14:14:31
Local clock offset: -0.1 ms
Remote clock offset: 3.132 ms

# Below is generated by plot.py at 2018-05-24 17:43:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 80.08 Mbit/s
95th percentile per-packet one-way delay: 64.028 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 30.60 Mbit/s
95th percentile per-packet one-way delay: 45.394 ms
Loss rate: 0.97%
-- Flow 2:
Average throughput: 63.22 Mbit/s
95th percentile per-packet one-way delay: 64.795 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 22.23 Mbit/s
95th percentile per-packet one-way delay: 36.717 ms
Loss rate: 0.01%
```

Run 2: Report of TCP Vegas — Data Link

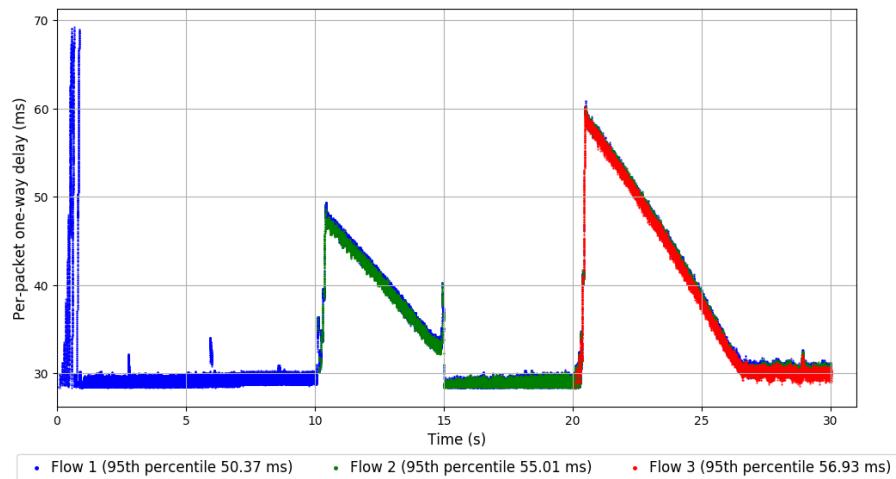
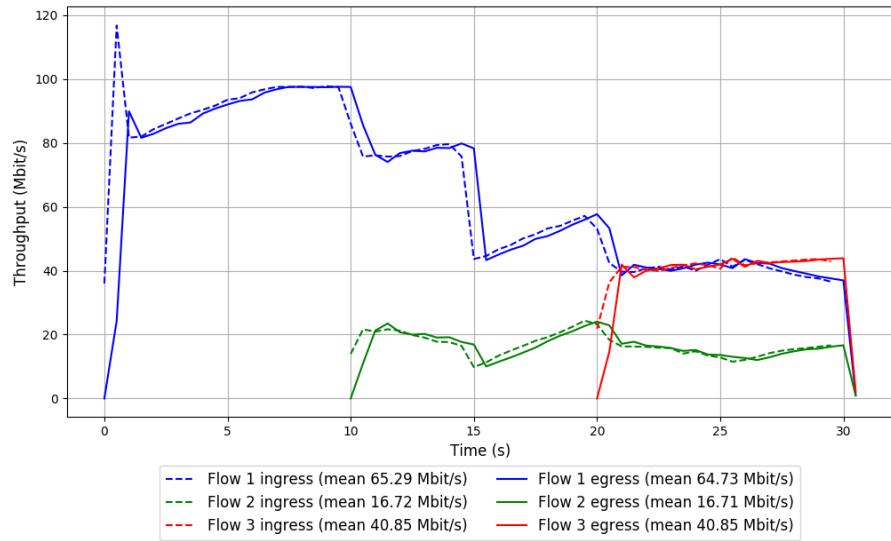


Run 3: Statistics of TCP Vegas

```
Start at: 2018-05-24 14:35:17
End at: 2018-05-24 14:35:47
Local clock offset: -0.607 ms
Remote clock offset: 1.514 ms

# Below is generated by plot.py at 2018-05-24 17:43:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.44 Mbit/s
95th percentile per-packet one-way delay: 53.786 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 64.73 Mbit/s
95th percentile per-packet one-way delay: 50.371 ms
Loss rate: 0.86%
-- Flow 2:
Average throughput: 16.71 Mbit/s
95th percentile per-packet one-way delay: 55.008 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 40.85 Mbit/s
95th percentile per-packet one-way delay: 56.932 ms
Loss rate: 0.00%
```

Run 3: Report of TCP Vegas — Data Link

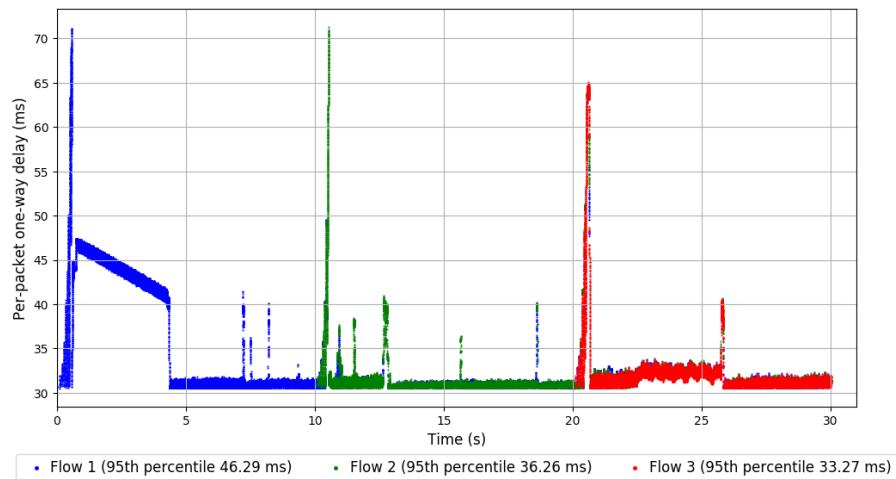
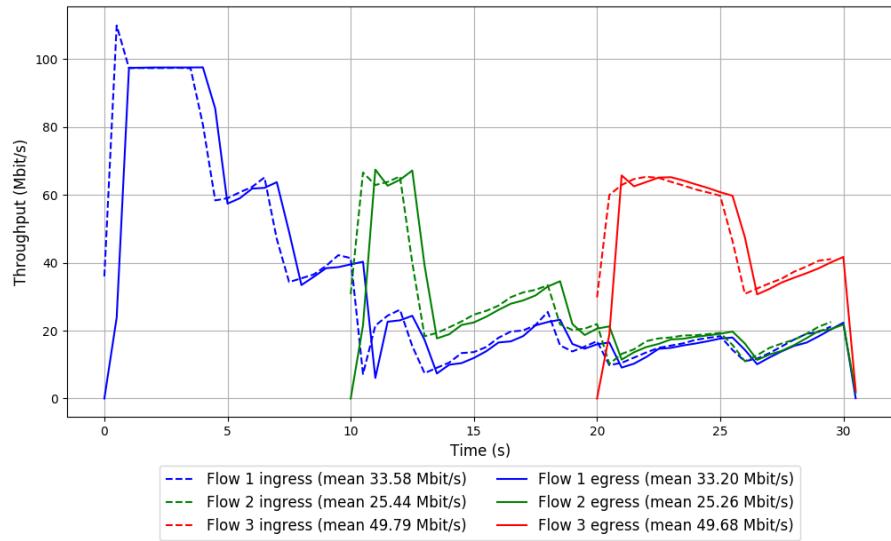


Run 4: Statistics of TCP Vegas

```
Start at: 2018-05-24 14:56:32
End at: 2018-05-24 14:57:02
Local clock offset: -0.824 ms
Remote clock offset: 4.03 ms

# Below is generated by plot.py at 2018-05-24 17:43:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.53 Mbit/s
95th percentile per-packet one-way delay: 45.792 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 33.20 Mbit/s
95th percentile per-packet one-way delay: 46.286 ms
Loss rate: 1.13%
-- Flow 2:
Average throughput: 25.26 Mbit/s
95th percentile per-packet one-way delay: 36.256 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 49.68 Mbit/s
95th percentile per-packet one-way delay: 33.271 ms
Loss rate: 0.22%
```

Run 4: Report of TCP Vegas — Data Link

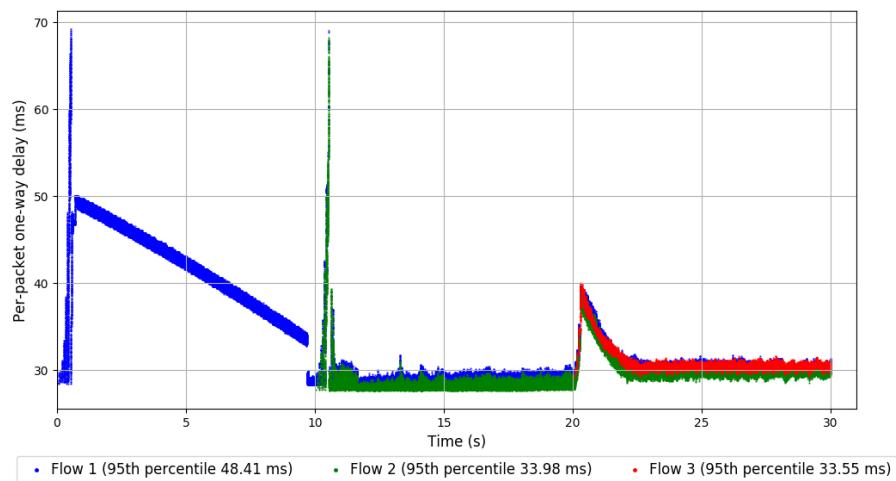
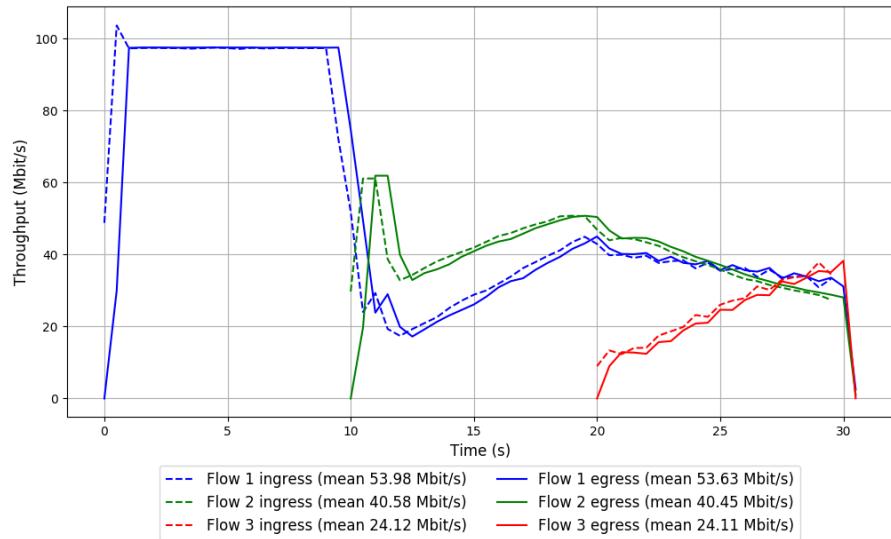


Run 5: Statistics of TCP Vegas

```
Start at: 2018-05-24 15:17:50
End at: 2018-05-24 15:18:20
Local clock offset: 0.181 ms
Remote clock offset: 2.131 ms

# Below is generated by plot.py at 2018-05-24 17:43:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 88.59 Mbit/s
95th percentile per-packet one-way delay: 47.514 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 53.63 Mbit/s
95th percentile per-packet one-way delay: 48.412 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 40.45 Mbit/s
95th percentile per-packet one-way delay: 33.978 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 24.11 Mbit/s
95th percentile per-packet one-way delay: 33.552 ms
Loss rate: 0.00%
```

Run 5: Report of TCP Vegas — Data Link

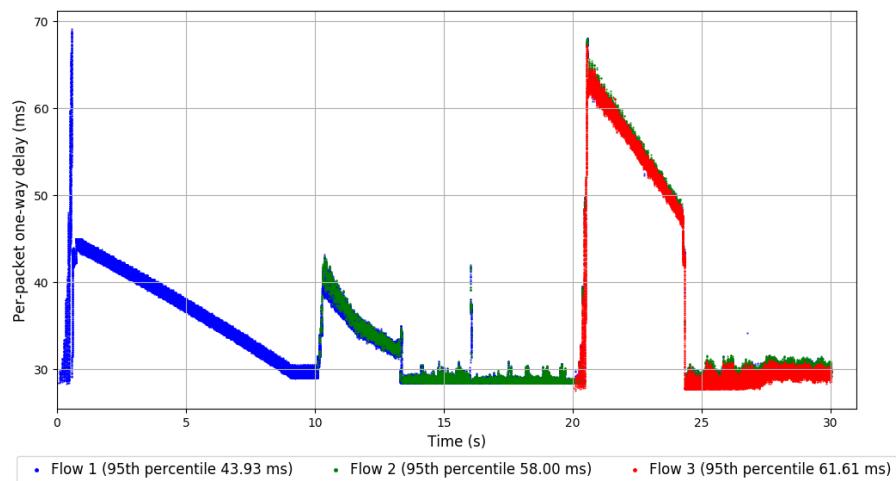
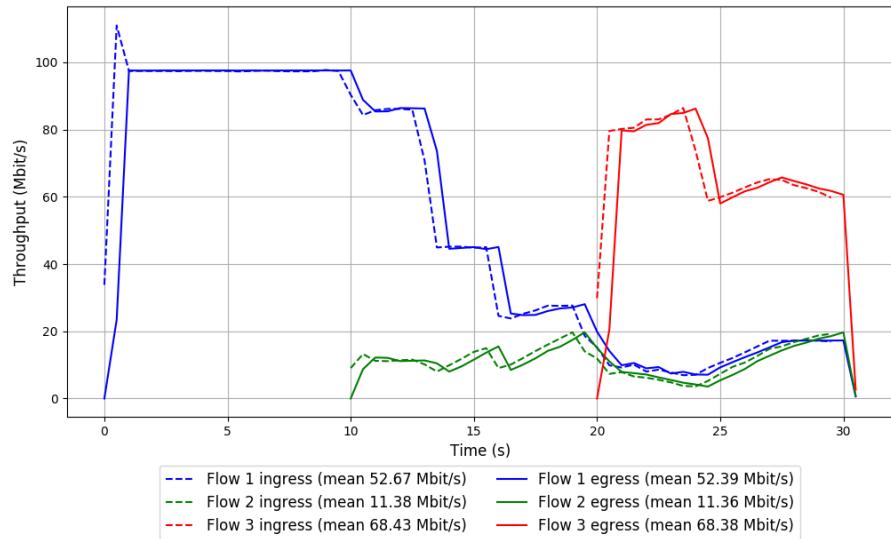


Run 6: Statistics of TCP Vegas

```
Start at: 2018-05-24 15:39:07
End at: 2018-05-24 15:39:37
Local clock offset: 0.4 ms
Remote clock offset: 1.9 ms

# Below is generated by plot.py at 2018-05-24 17:43:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 82.69 Mbit/s
95th percentile per-packet one-way delay: 58.468 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 52.39 Mbit/s
95th percentile per-packet one-way delay: 43.929 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 11.36 Mbit/s
95th percentile per-packet one-way delay: 58.000 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 68.38 Mbit/s
95th percentile per-packet one-way delay: 61.613 ms
Loss rate: 0.06%
```

Run 6: Report of TCP Vegas — Data Link

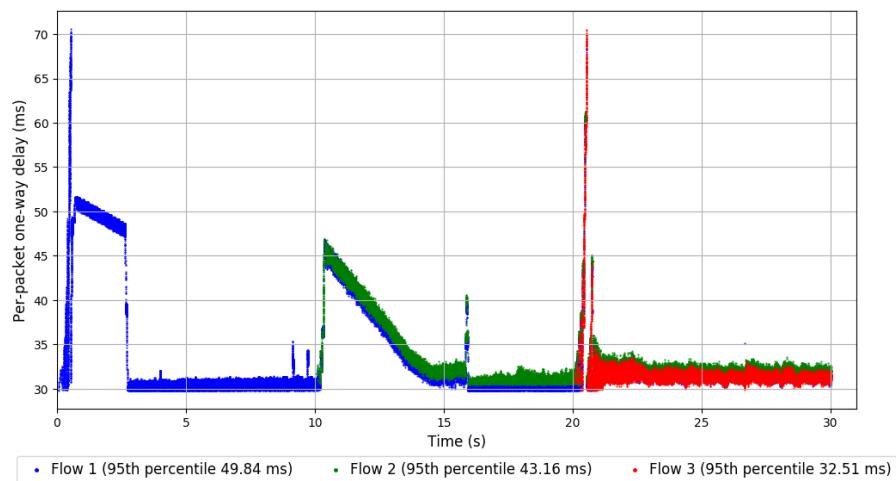
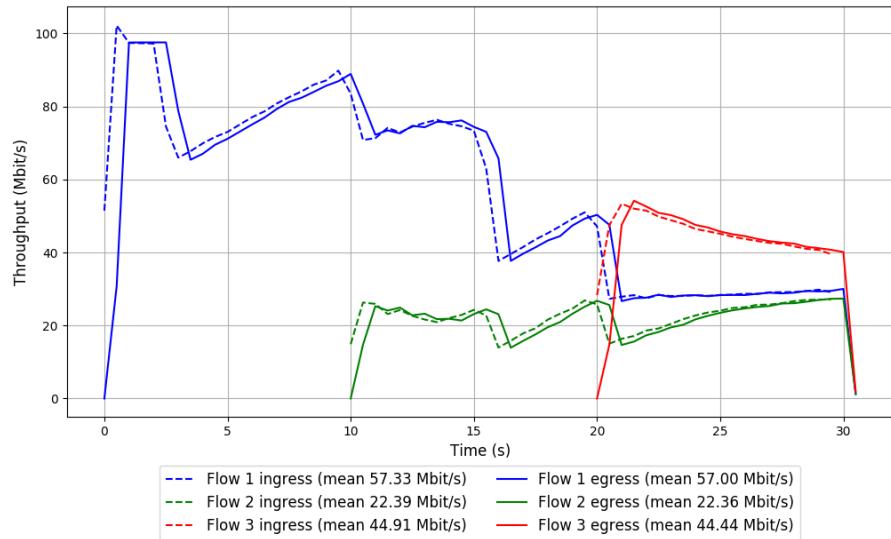


Run 7: Statistics of TCP Vegas

```
Start at: 2018-05-24 16:00:22
End at: 2018-05-24 16:00:52
Local clock offset: 0.282 ms
Remote clock offset: 3.62 ms

# Below is generated by plot.py at 2018-05-24 17:43:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.67 Mbit/s
95th percentile per-packet one-way delay: 49.173 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 57.00 Mbit/s
95th percentile per-packet one-way delay: 49.841 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 22.36 Mbit/s
95th percentile per-packet one-way delay: 43.160 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 44.44 Mbit/s
95th percentile per-packet one-way delay: 32.514 ms
Loss rate: 1.03%
```

Run 7: Report of TCP Vegas — Data Link

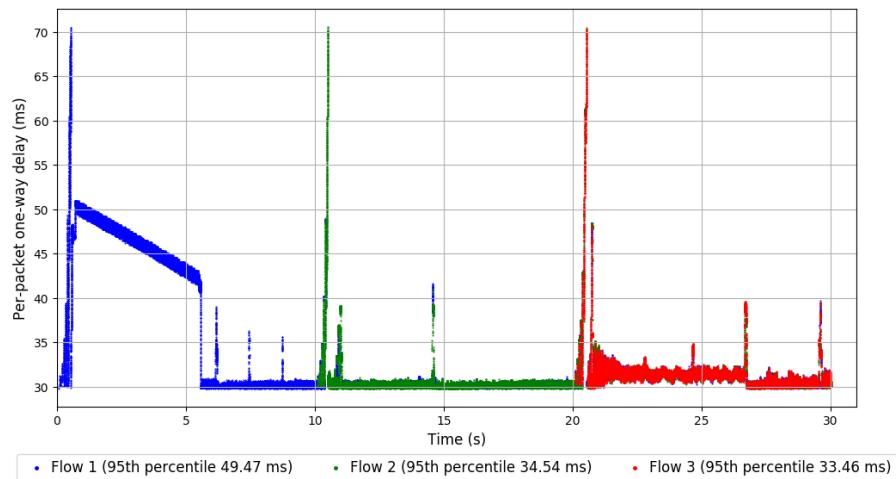
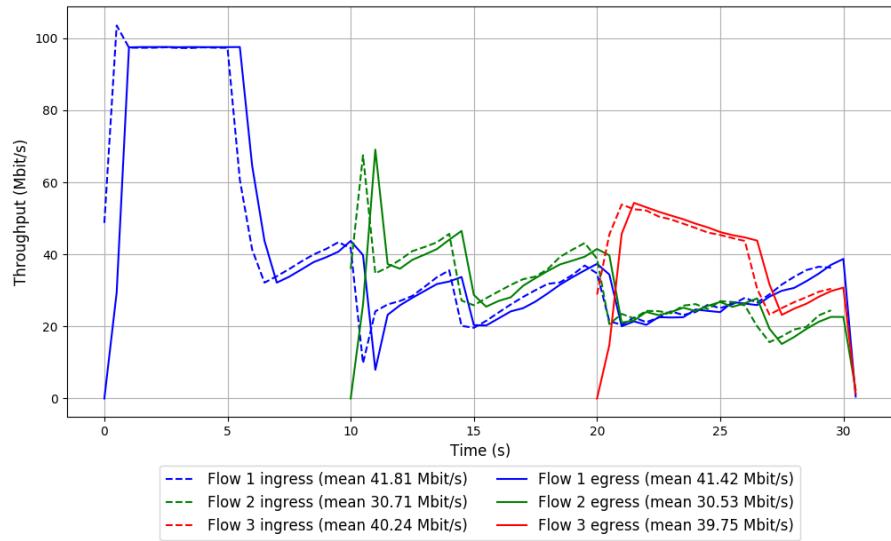


Run 8: Statistics of TCP Vegas

```
Start at: 2018-05-24 16:21:38
End at: 2018-05-24 16:22:08
Local clock offset: -0.12 ms
Remote clock offset: 3.281 ms

# Below is generated by plot.py at 2018-05-24 17:43:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.96 Mbit/s
95th percentile per-packet one-way delay: 48.818 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 41.42 Mbit/s
95th percentile per-packet one-way delay: 49.472 ms
Loss rate: 0.91%
-- Flow 2:
Average throughput: 30.53 Mbit/s
95th percentile per-packet one-way delay: 34.542 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 39.75 Mbit/s
95th percentile per-packet one-way delay: 33.459 ms
Loss rate: 1.22%
```

Run 8: Report of TCP Vegas — Data Link

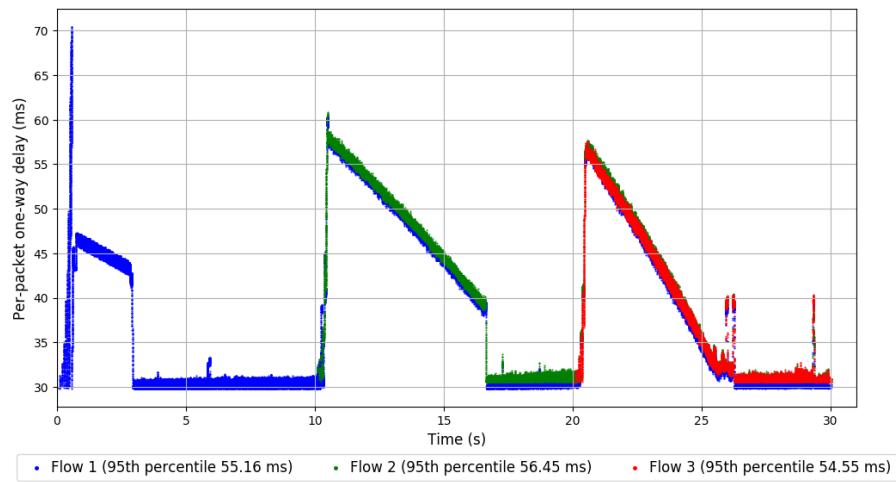
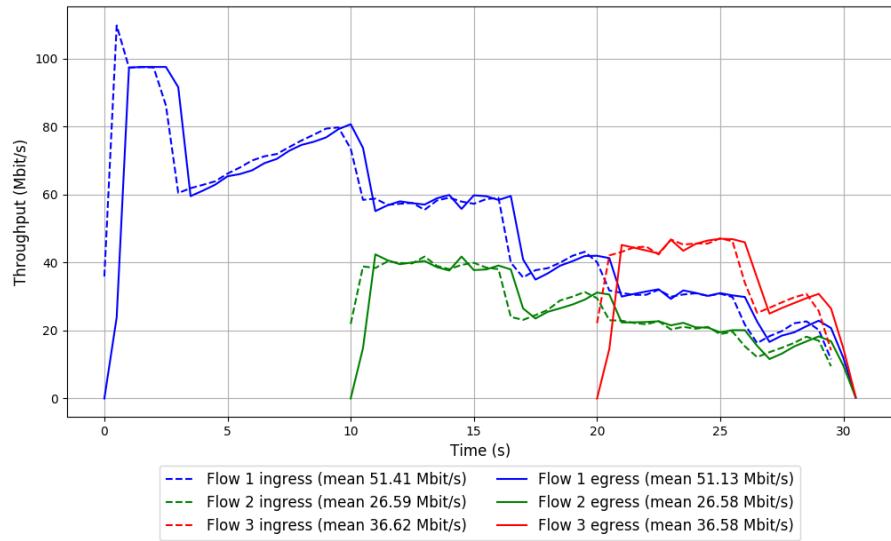


Run 9: Statistics of TCP Vegas

```
Start at: 2018-05-24 16:42:51
End at: 2018-05-24 16:43:21
Local clock offset: 0.113 ms
Remote clock offset: 3.381 ms

# Below is generated by plot.py at 2018-05-24 17:43:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.00 Mbit/s
95th percentile per-packet one-way delay: 55.487 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 51.13 Mbit/s
95th percentile per-packet one-way delay: 55.159 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 26.58 Mbit/s
95th percentile per-packet one-way delay: 56.450 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 36.58 Mbit/s
95th percentile per-packet one-way delay: 54.546 ms
Loss rate: 0.12%
```

Run 9: Report of TCP Vegas — Data Link

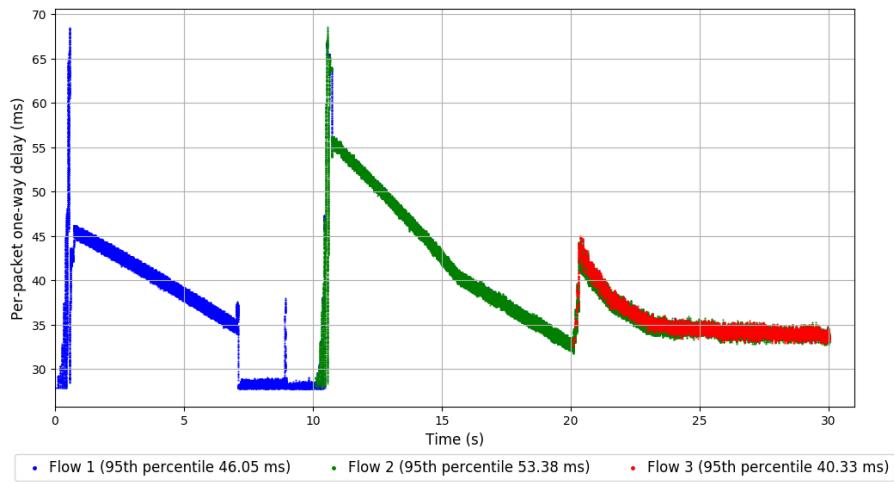
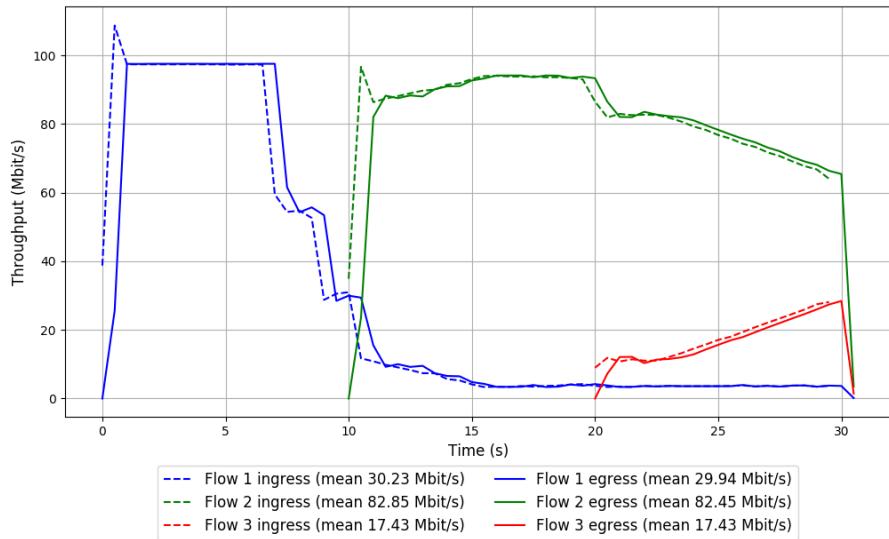


Run 10: Statistics of TCP Vegas

```
Start at: 2018-05-24 17:04:07
End at: 2018-05-24 17:04:37
Local clock offset: 0.089 ms
Remote clock offset: 0.603 ms

# Below is generated by plot.py at 2018-05-24 17:43:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.64 Mbit/s
95th percentile per-packet one-way delay: 52.368 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 29.94 Mbit/s
95th percentile per-packet one-way delay: 46.055 ms
Loss rate: 0.95%
-- Flow 2:
Average throughput: 82.45 Mbit/s
95th percentile per-packet one-way delay: 53.381 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 17.43 Mbit/s
95th percentile per-packet one-way delay: 40.331 ms
Loss rate: 0.00%
```

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2018-05-24 14:04:48

End at: 2018-05-24 14:05:18

Local clock offset: 0.477 ms

Remote clock offset: 0.971 ms

Run 1: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 2: Statistics of Verus

Start at: 2018-05-24 14:26:04

End at: 2018-05-24 14:26:34

Local clock offset: -0.539 ms

Remote clock offset: 3.246 ms

Run 2: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 3: Statistics of Verus

Start at: 2018-05-24 14:47:21  
End at: 2018-05-24 14:47:51  
Local clock offset: -0.788 ms  
Remote clock offset: 1.702 ms

Run 3: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 4: Statistics of Verus

Start at: 2018-05-24 15:08:37  
End at: 2018-05-24 15:09:07  
Local clock offset: 0.111 ms  
Remote clock offset: 4.135 ms

Run 4: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 5: Statistics of Verus

Start at: 2018-05-24 15:29:54

End at: 2018-05-24 15:30:24

Local clock offset: 0.381 ms

Remote clock offset: 2.341 ms

Run 5: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 6: Statistics of Verus

Start at: 2018-05-24 15:51:10  
End at: 2018-05-24 15:51:40  
Local clock offset: 0.299 ms  
Remote clock offset: 3.431 ms

Run 6: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 7: Statistics of Verus

Start at: 2018-05-24 16:12:26

End at: 2018-05-24 16:12:56

Local clock offset: 0.075 ms

Remote clock offset: 3.428 ms

Run 7: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 8: Statistics of Verus

Start at: 2018-05-24 16:33:41

End at: 2018-05-24 16:34:11

Local clock offset: 0.185 ms

Remote clock offset: 3.253 ms

Run 8: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 9: Statistics of Verus

Start at: 2018-05-24 16:54:54

End at: 2018-05-24 16:55:24

Local clock offset: 0.262 ms

Remote clock offset: 0.728 ms

Run 9: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 10: Statistics of Verus

Start at: 2018-05-24 17:16:11  
End at: 2018-05-24 17:16:41  
Local clock offset: 0.132 ms  
Remote clock offset: 3.037 ms

Run 10: Report of Verus — Data Link

Figure is missing

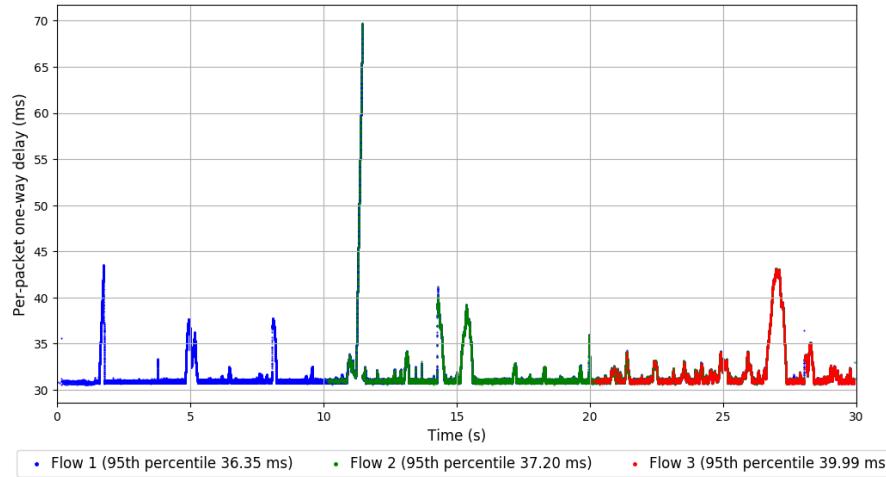
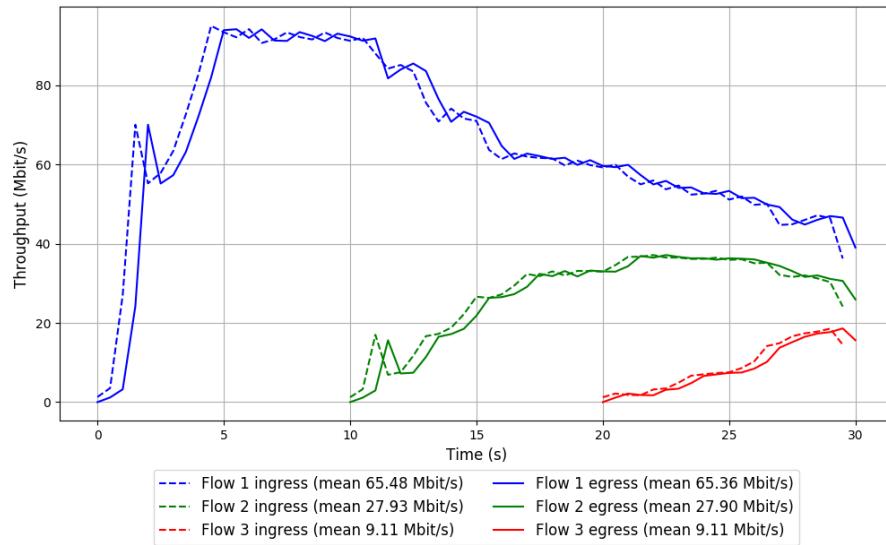
Figure is missing

Run 1: Statistics of PCC-Vivace

```
Start at: 2018-05-24 13:59:28
End at: 2018-05-24 13:59:58
Local clock offset: 1.146 ms
Remote clock offset: 3.419 ms

# Below is generated by plot.py at 2018-05-24 17:44:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.92 Mbit/s
95th percentile per-packet one-way delay: 36.668 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 65.36 Mbit/s
95th percentile per-packet one-way delay: 36.352 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 27.90 Mbit/s
95th percentile per-packet one-way delay: 37.198 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 9.11 Mbit/s
95th percentile per-packet one-way delay: 39.986 ms
Loss rate: 0.01%
```

Run 1: Report of PCC-Vivace — Data Link

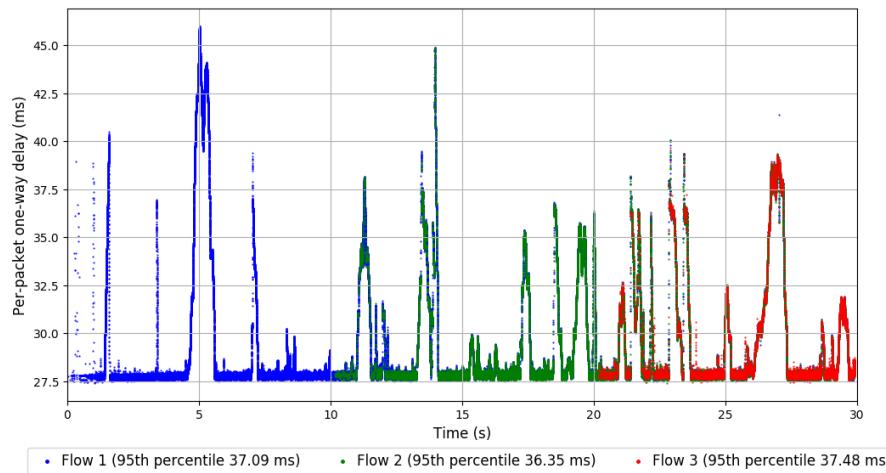
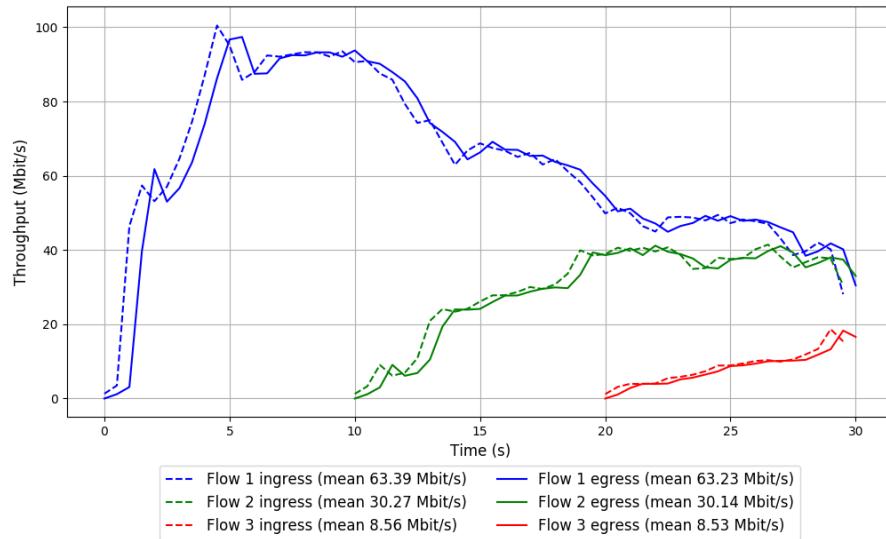


Run 2: Statistics of PCC-Vivace

```
Start at: 2018-05-24 14:20:44
End at: 2018-05-24 14:21:14
Local clock offset: -0.258 ms
Remote clock offset: 1.144 ms

# Below is generated by plot.py at 2018-05-24 17:44:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.09 Mbit/s
95th percentile per-packet one-way delay: 36.794 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 63.23 Mbit/s
95th percentile per-packet one-way delay: 37.092 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 30.14 Mbit/s
95th percentile per-packet one-way delay: 36.355 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 8.53 Mbit/s
95th percentile per-packet one-way delay: 37.475 ms
Loss rate: 0.28%
```

Run 2: Report of PCC-Vivace — Data Link

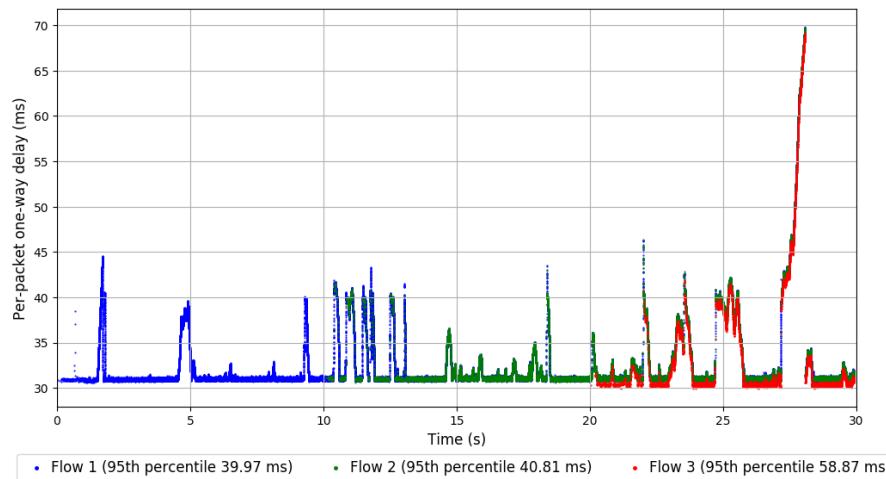
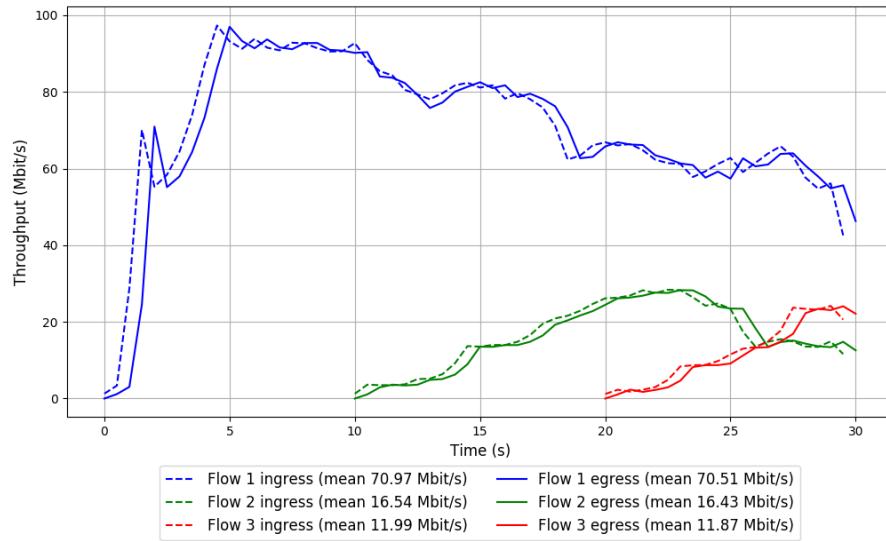


Run 3: Statistics of PCC-Vivace

```
Start at: 2018-05-24 14:42:00
End at: 2018-05-24 14:42:30
Local clock offset: -0.646 ms
Remote clock offset: 4.141 ms

# Below is generated by plot.py at 2018-05-24 17:44:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.36 Mbit/s
95th percentile per-packet one-way delay: 40.431 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 70.51 Mbit/s
95th percentile per-packet one-way delay: 39.966 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 16.43 Mbit/s
95th percentile per-packet one-way delay: 40.811 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 11.87 Mbit/s
95th percentile per-packet one-way delay: 58.868 ms
Loss rate: 1.01%
```

Run 3: Report of PCC-Vivace — Data Link

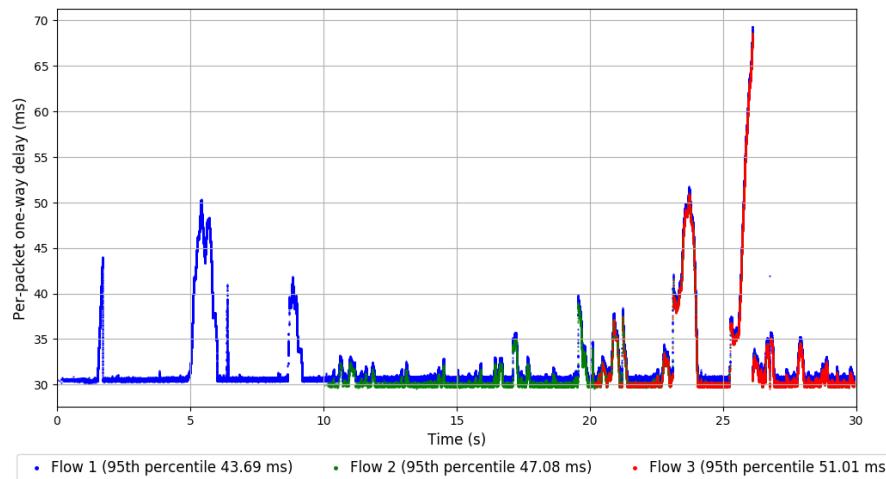
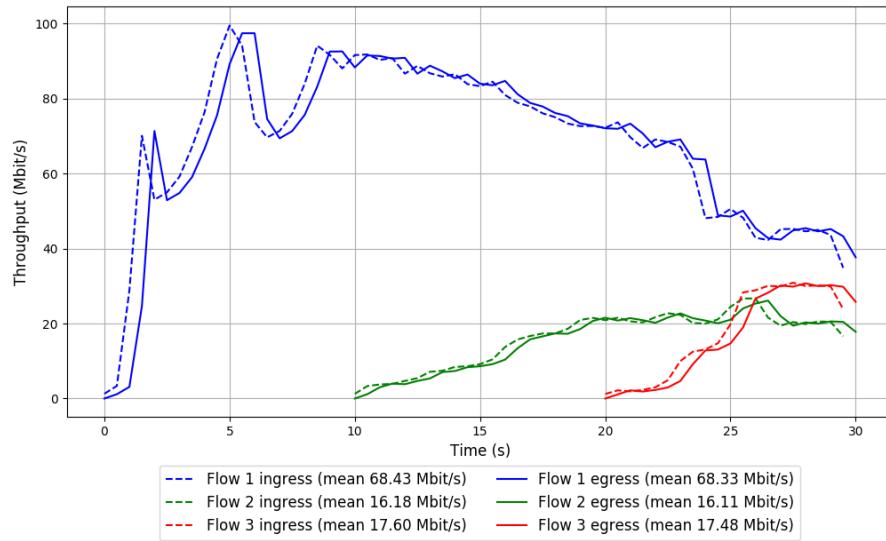


Run 4: Statistics of PCC-Vivace

```
Start at: 2018-05-24 15:03:16
End at: 2018-05-24 15:03:46
Local clock offset: -0.131 ms
Remote clock offset: 4.042 ms

# Below is generated by plot.py at 2018-05-24 17:44:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 84.82 Mbit/s
95th percentile per-packet one-way delay: 44.845 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 68.33 Mbit/s
95th percentile per-packet one-way delay: 43.693 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 16.11 Mbit/s
95th percentile per-packet one-way delay: 47.082 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 17.48 Mbit/s
95th percentile per-packet one-way delay: 51.008 ms
Loss rate: 0.69%
```

Run 4: Report of PCC-Vivace — Data Link

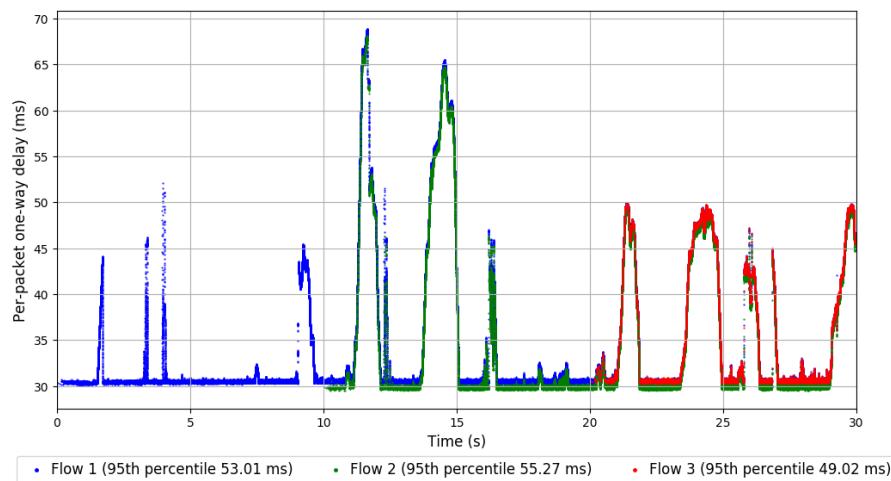
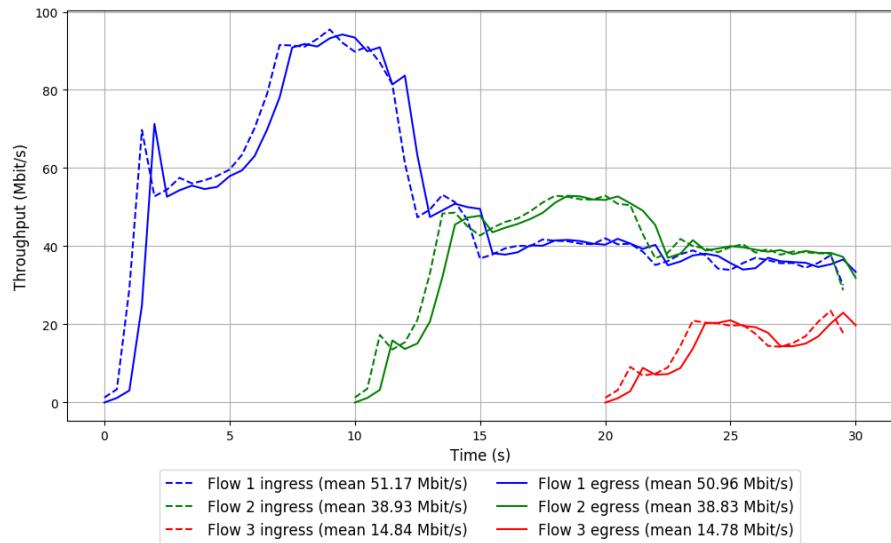


Run 5: Statistics of PCC-Vivace

```
Start at: 2018-05-24 15:24:34
End at: 2018-05-24 15:25:04
Local clock offset: 0.332 ms
Remote clock offset: 4.323 ms

# Below is generated by plot.py at 2018-05-24 17:44:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.67 Mbit/s
95th percentile per-packet one-way delay: 52.923 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 50.96 Mbit/s
95th percentile per-packet one-way delay: 53.009 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 38.83 Mbit/s
95th percentile per-packet one-way delay: 55.269 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 14.78 Mbit/s
95th percentile per-packet one-way delay: 49.023 ms
Loss rate: 0.25%
```

Run 5: Report of PCC-Vivace — Data Link

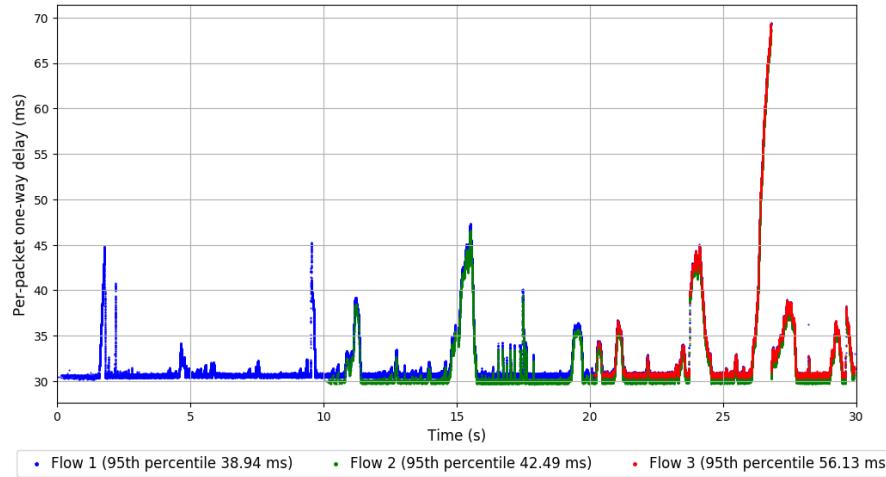
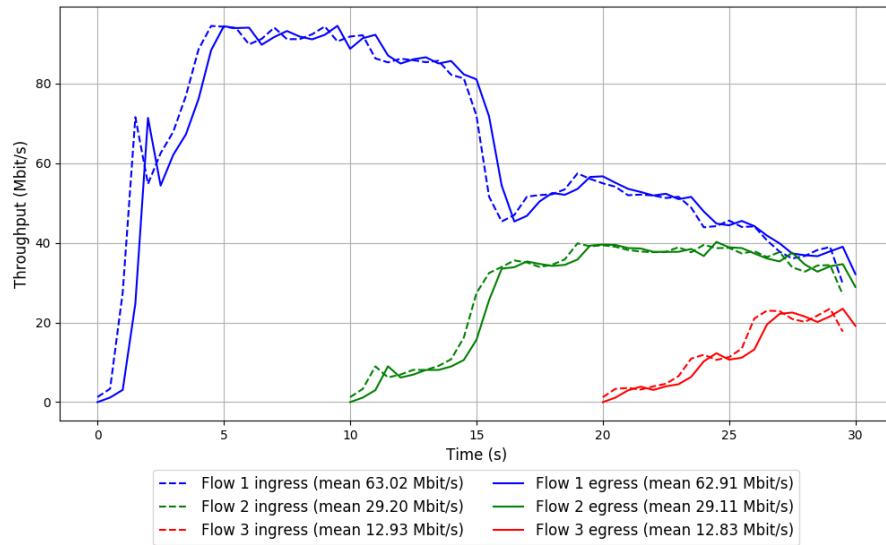


Run 6: Statistics of PCC-Vivace

```
Start at: 2018-05-24 15:45:50
End at: 2018-05-24 15:46:20
Local clock offset: 0.404 ms
Remote clock offset: 3.537 ms

# Below is generated by plot.py at 2018-05-24 17:44:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.51 Mbit/s
95th percentile per-packet one-way delay: 41.065 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 62.91 Mbit/s
95th percentile per-packet one-way delay: 38.935 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 29.11 Mbit/s
95th percentile per-packet one-way delay: 42.492 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 12.83 Mbit/s
95th percentile per-packet one-way delay: 56.132 ms
Loss rate: 0.77%
```

Run 6: Report of PCC-Vivace — Data Link

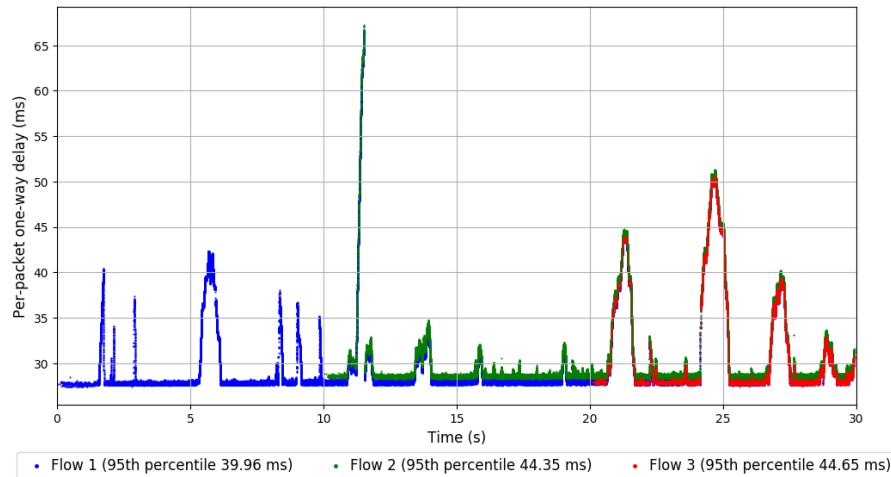
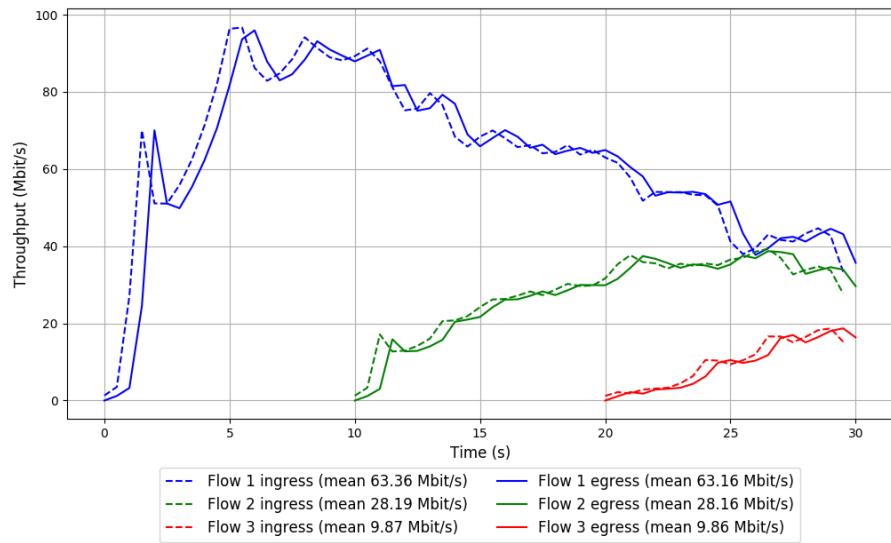


Run 7: Statistics of PCC-Vivace

```
Start at: 2018-05-24 16:07:05
End at: 2018-05-24 16:07:35
Local clock offset: 0.185 ms
Remote clock offset: 1.578 ms

# Below is generated by plot.py at 2018-05-24 17:44:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.15 Mbit/s
95th percentile per-packet one-way delay: 41.356 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 63.16 Mbit/s
95th percentile per-packet one-way delay: 39.960 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 28.16 Mbit/s
95th percentile per-packet one-way delay: 44.348 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 9.86 Mbit/s
95th percentile per-packet one-way delay: 44.649 ms
Loss rate: 0.04%
```

Run 7: Report of PCC-Vivace — Data Link

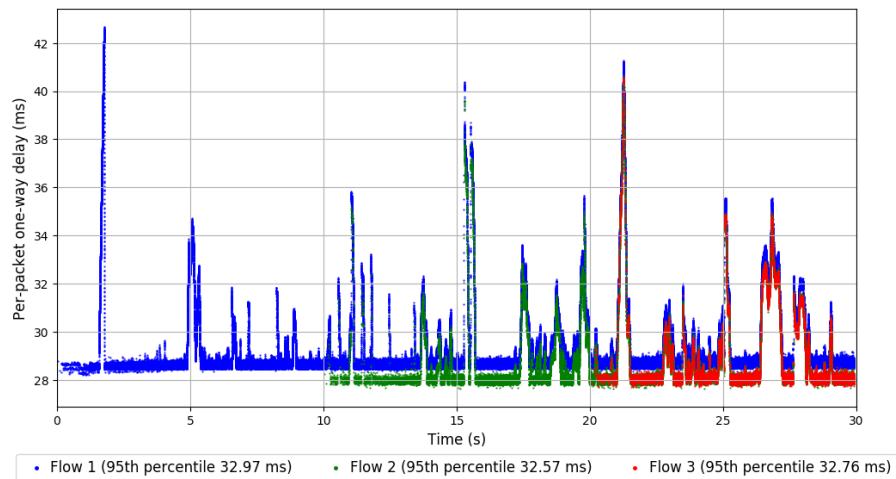
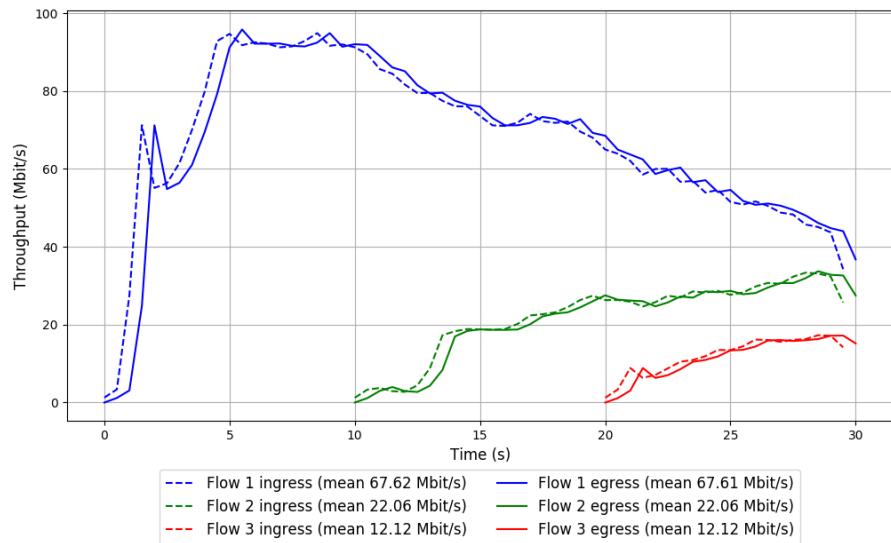


Run 8: Statistics of PCC-Vivace

```
Start at: 2018-05-24 16:28:21
End at: 2018-05-24 16:28:51
Local clock offset: -0.036 ms
Remote clock offset: 1.202 ms

# Below is generated by plot.py at 2018-05-24 17:45:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.28 Mbit/s
95th percentile per-packet one-way delay: 32.898 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 67.61 Mbit/s
95th percentile per-packet one-way delay: 32.971 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 22.06 Mbit/s
95th percentile per-packet one-way delay: 32.569 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 12.12 Mbit/s
95th percentile per-packet one-way delay: 32.763 ms
Loss rate: 0.00%
```

Run 8: Report of PCC-Vivace — Data Link

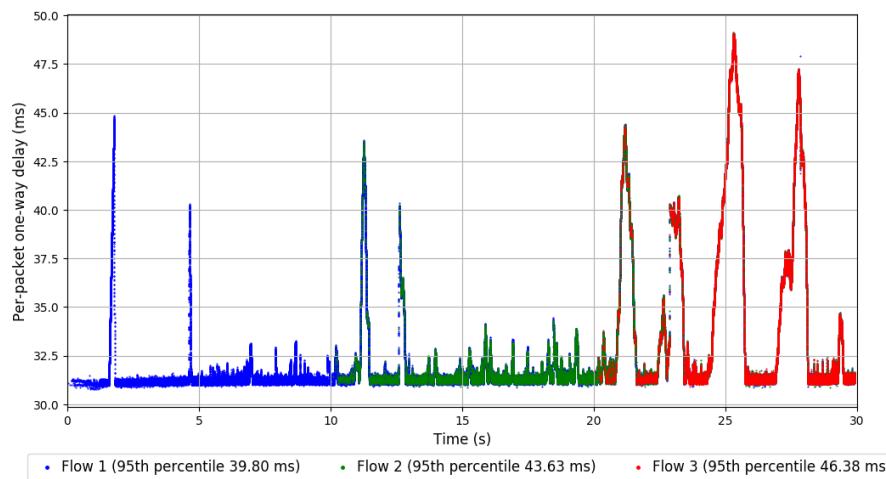
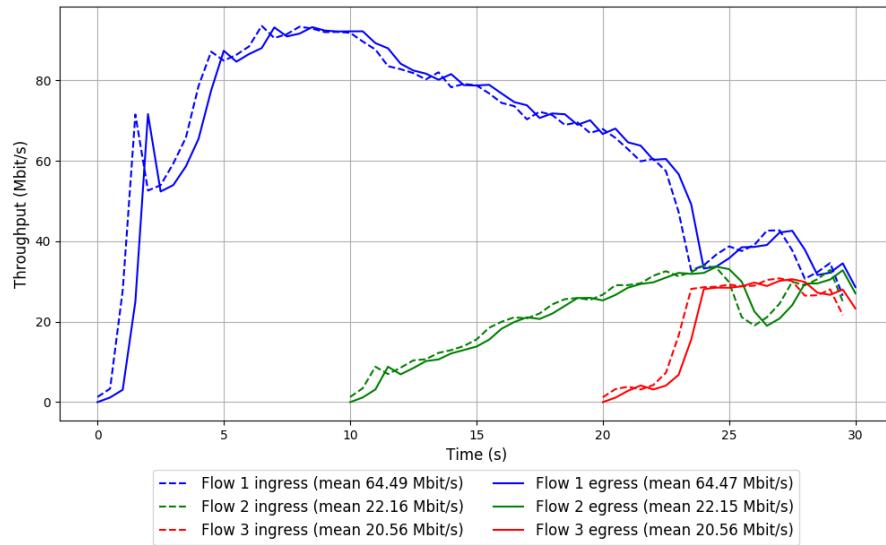


Run 9: Statistics of PCC-Vivace

```
Start at: 2018-05-24 16:49:33
End at: 2018-05-24 16:50:03
Local clock offset: 0.136 ms
Remote clock offset: 3.379 ms

# Below is generated by plot.py at 2018-05-24 17:45:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.00 Mbit/s
95th percentile per-packet one-way delay: 41.646 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 64.47 Mbit/s
95th percentile per-packet one-way delay: 39.800 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 22.15 Mbit/s
95th percentile per-packet one-way delay: 43.630 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 20.56 Mbit/s
95th percentile per-packet one-way delay: 46.380 ms
Loss rate: 0.02%
```

Run 9: Report of PCC-Vivace — Data Link

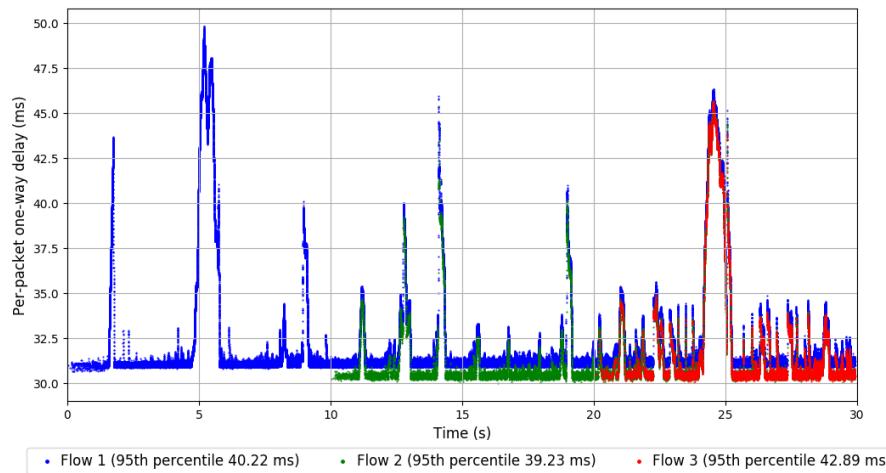
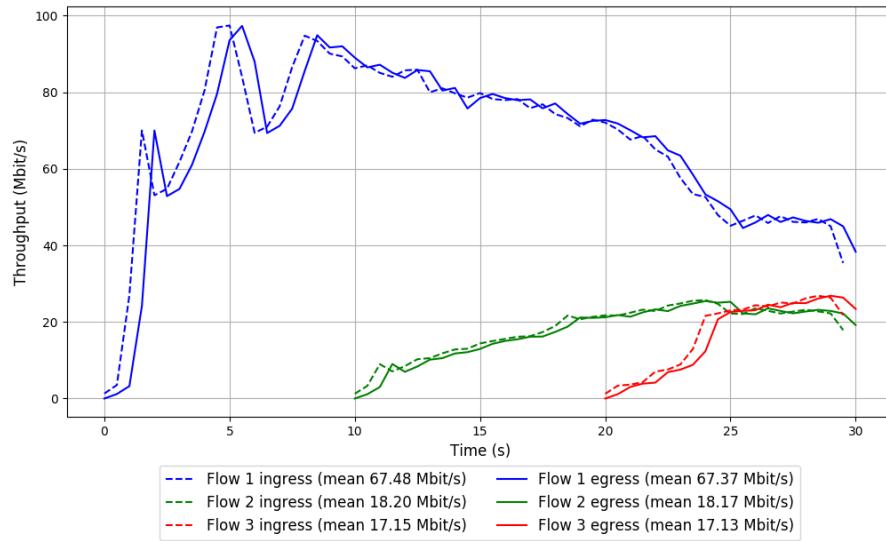


Run 10: Statistics of PCC-Vivace

```
Start at: 2018-05-24 17:10:51
End at: 2018-05-24 17:11:21
Local clock offset: 0.146 ms
Remote clock offset: 3.012 ms

# Below is generated by plot.py at 2018-05-24 17:45:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.12 Mbit/s
95th percentile per-packet one-way delay: 40.575 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 67.37 Mbit/s
95th percentile per-packet one-way delay: 40.216 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 18.17 Mbit/s
95th percentile per-packet one-way delay: 39.234 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 17.13 Mbit/s
95th percentile per-packet one-way delay: 42.887 ms
Loss rate: 0.13%
```

Run 10: Report of PCC-Vivace — Data Link

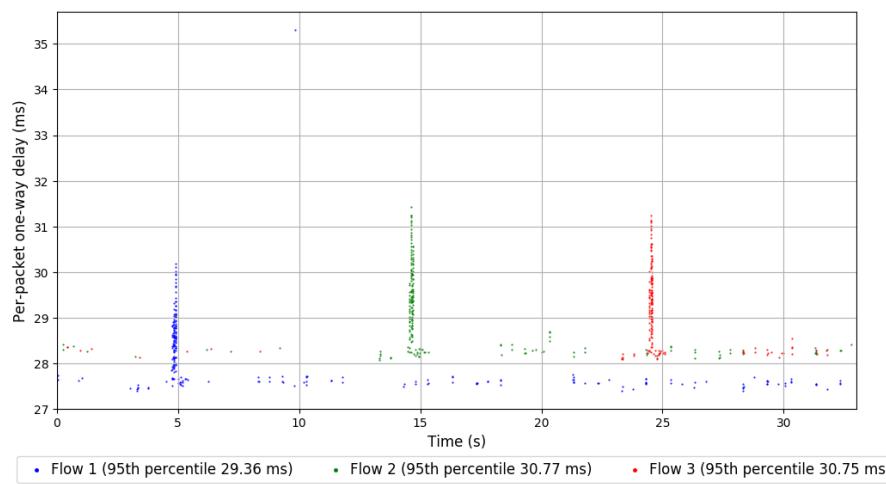
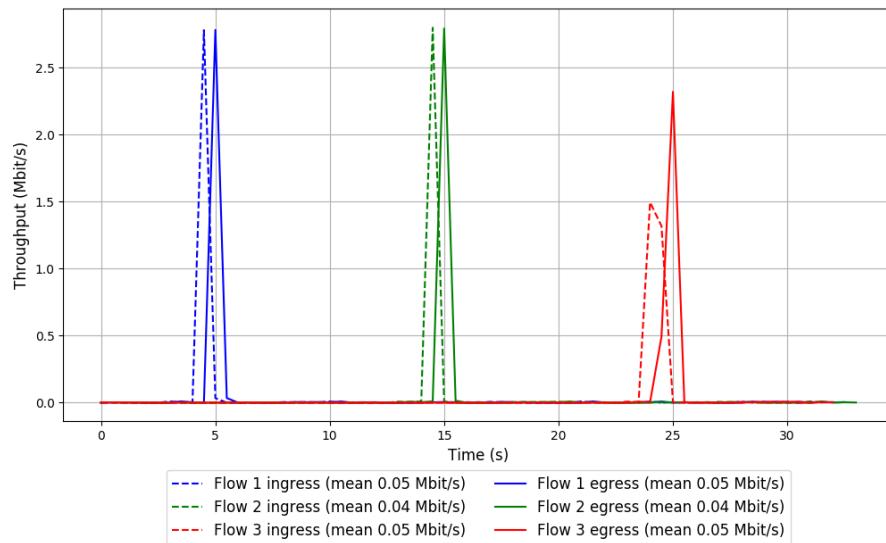


```
Run 1: Statistics of WebRTC media

Start at: 2018-05-24 14:07:24
End at: 2018-05-24 14:07:54
Local clock offset: 0.354 ms
Remote clock offset: 1.016 ms

# Below is generated by plot.py at 2018-05-24 17:45:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 30.535 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 29.361 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 30.768 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 30.749 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

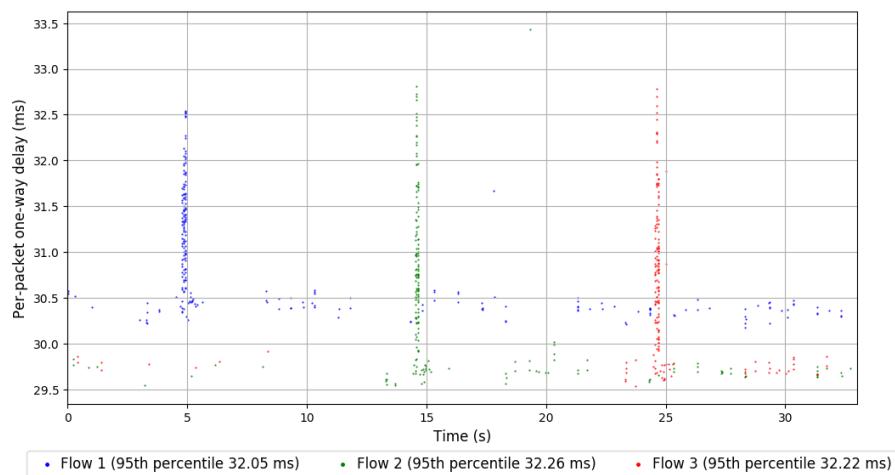
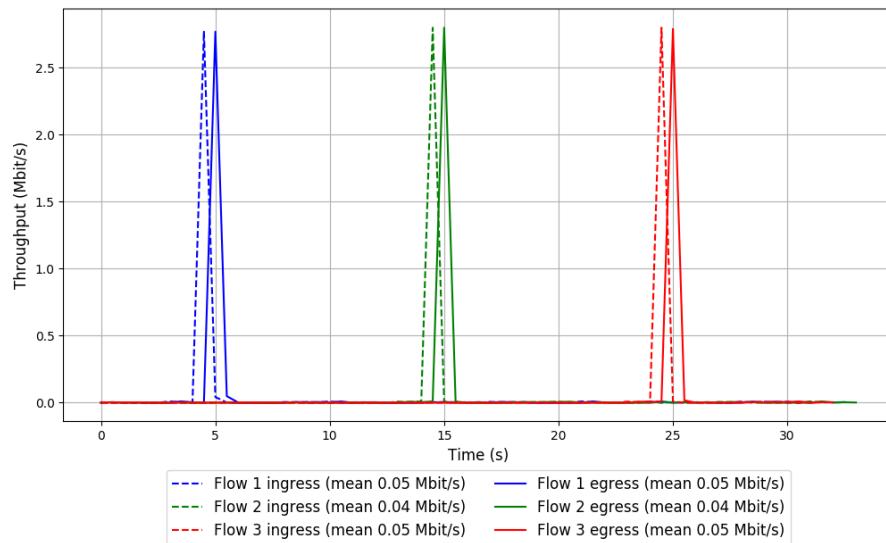


```
Run 2: Statistics of WebRTC media

Start at: 2018-05-24 14:28:40
End at: 2018-05-24 14:29:10
Local clock offset: -0.447 ms
Remote clock offset: 3.423 ms

# Below is generated by plot.py at 2018-05-24 17:45:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 32.194 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 32.053 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 32.263 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 32.219 ms
Loss rate: 0.00%
```

## Run 2: Report of WebRTC media — Data Link

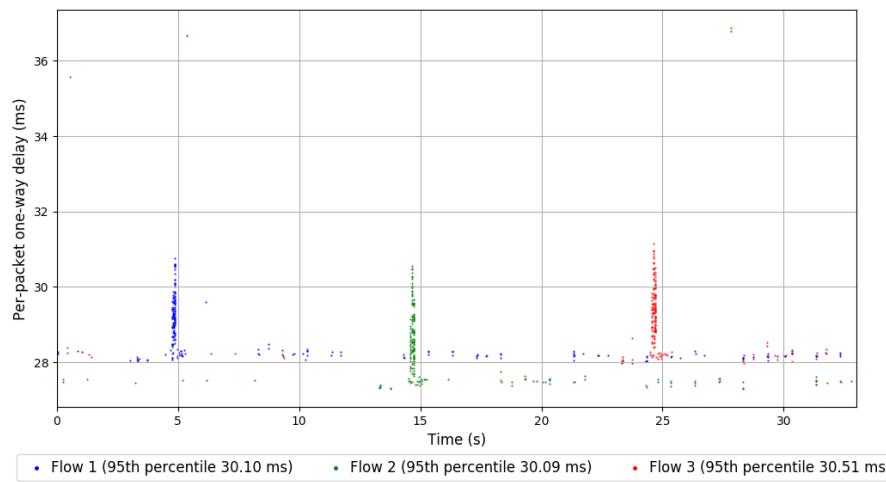
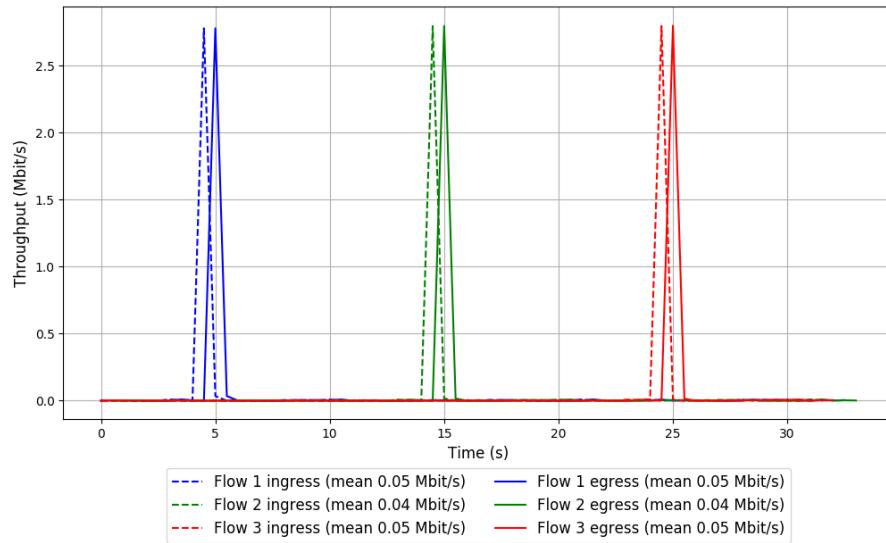


Run 3: Statistics of WebRTC media

```
Start at: 2018-05-24 14:49:57
End at: 2018-05-24 14:50:27
Local clock offset: -0.868 ms
Remote clock offset: 1.674 ms

# Below is generated by plot.py at 2018-05-24 17:45:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 30.372 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 30.097 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 30.091 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 30.511 ms
Loss rate: 0.00%
```

### Run 3: Report of WebRTC media — Data Link

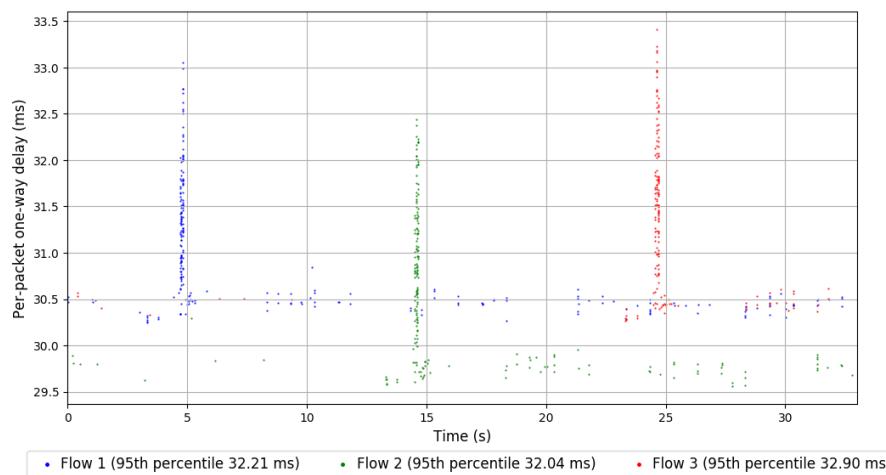
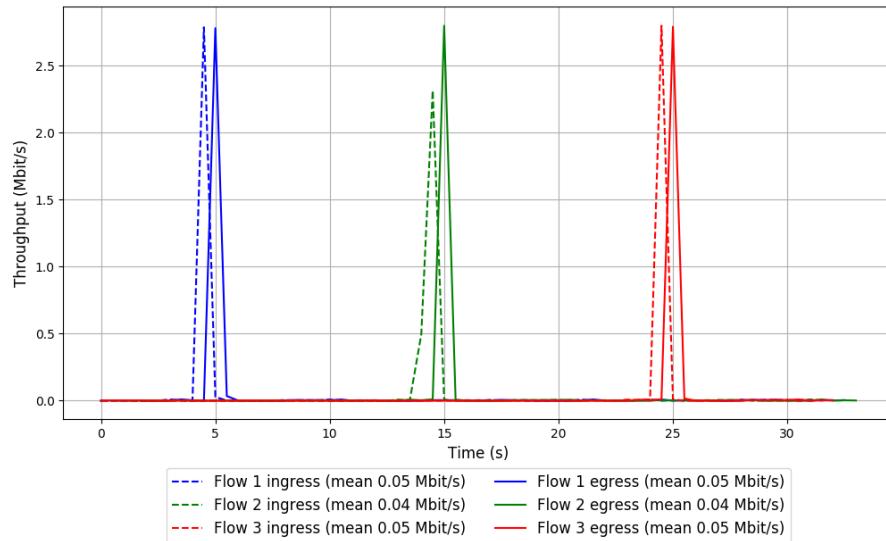


Run 4: Statistics of WebRTC media

```
Start at: 2018-05-24 15:11:13
End at: 2018-05-24 15:11:43
Local clock offset: 0.11 ms
Remote clock offset: 4.154 ms

# Below is generated by plot.py at 2018-05-24 17:45:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 32.443 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 32.206 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 32.042 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 32.895 ms
Loss rate: 0.00%
```

#### Run 4: Report of WebRTC media — Data Link

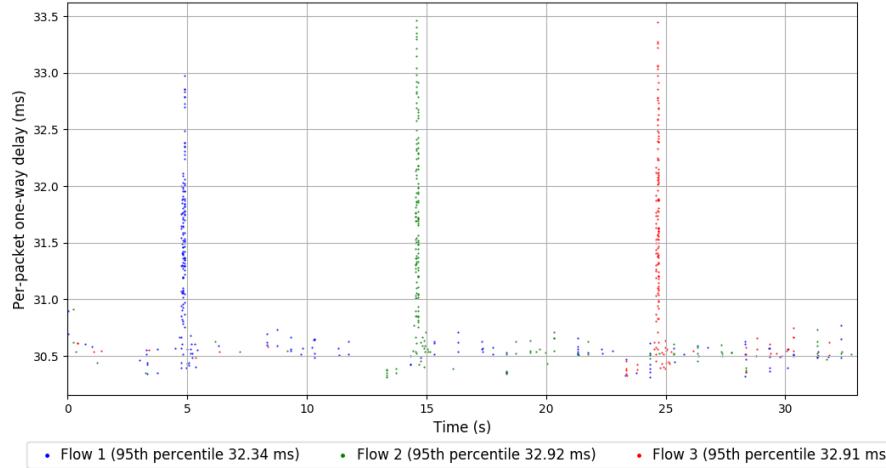
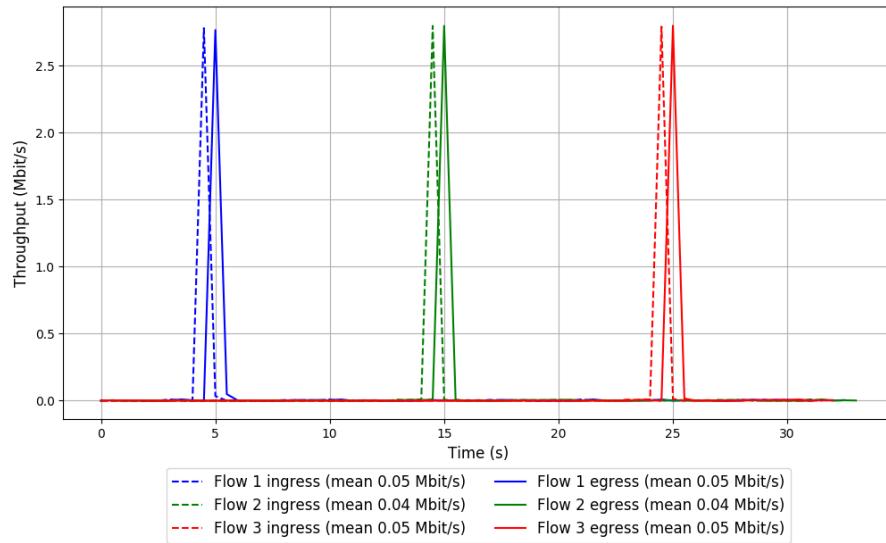


Run 5: Statistics of WebRTC media

```
Start at: 2018-05-24 15:32:30
End at: 2018-05-24 15:33:00
Local clock offset: 0.286 ms
Remote clock offset: 4.665 ms

# Below is generated by plot.py at 2018-05-24 17:45:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 32.788 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 32.341 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 32.916 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 32.914 ms
Loss rate: 0.00%
```

### Run 5: Report of WebRTC media — Data Link

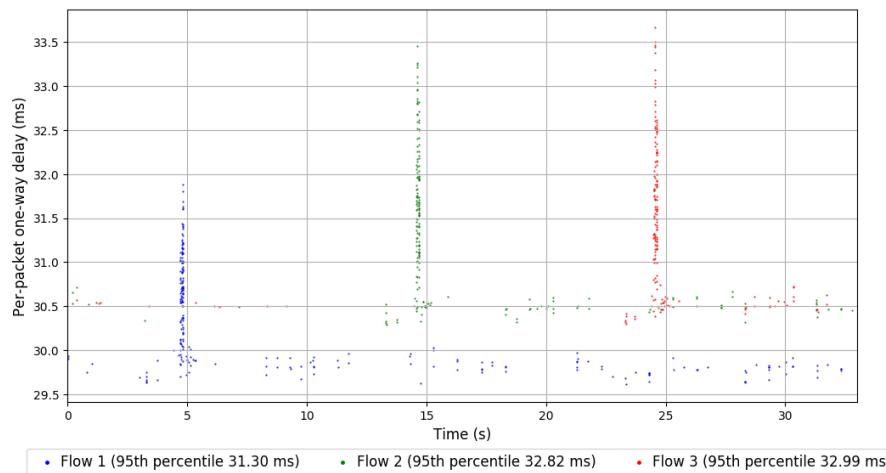
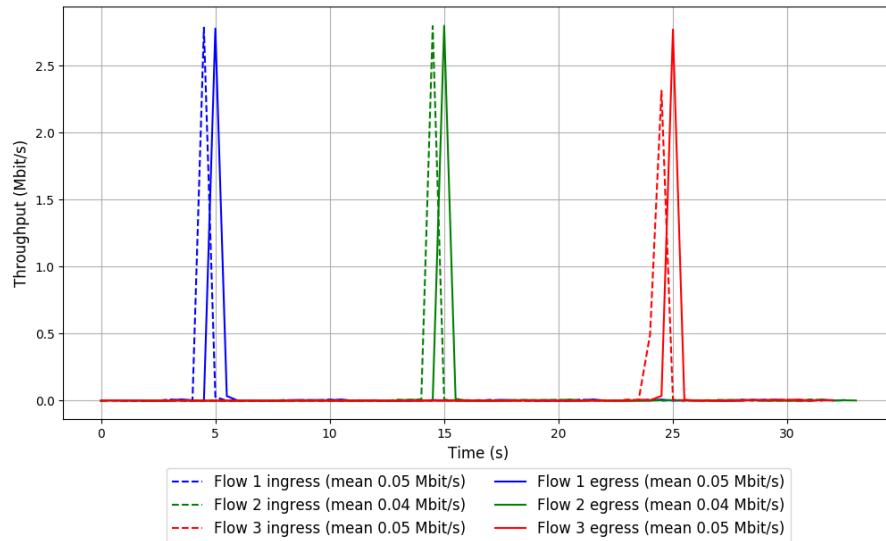


Run 6: Statistics of WebRTC media

```
Start at: 2018-05-24 15:53:46
End at: 2018-05-24 15:54:16
Local clock offset: 0.288 ms
Remote clock offset: 3.43 ms

# Below is generated by plot.py at 2018-05-24 17:45:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 32.612 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.300 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 32.820 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 32.986 ms
Loss rate: 0.00%
```

### Run 6: Report of WebRTC media — Data Link

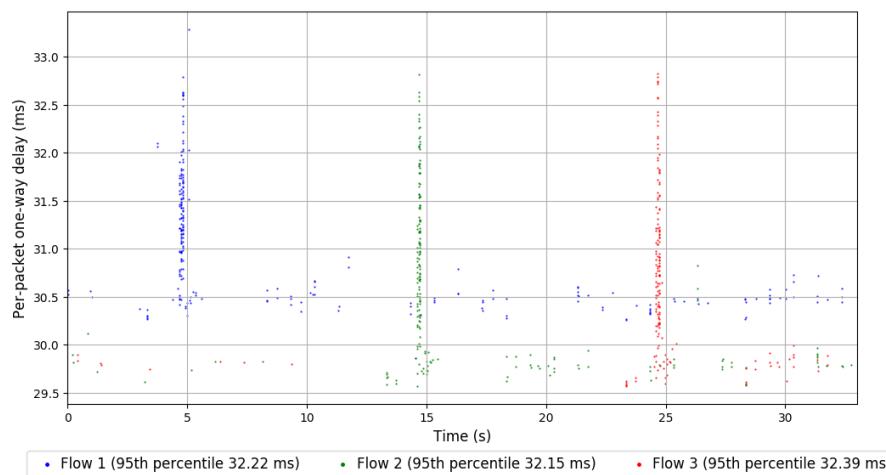
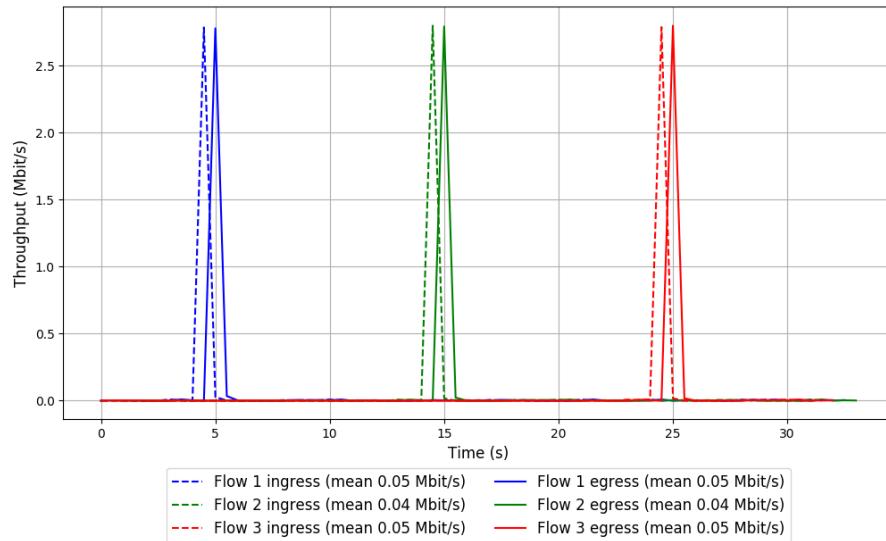


Run 7: Statistics of WebRTC media

```
Start at: 2018-05-24 16:15:02
End at: 2018-05-24 16:15:32
Local clock offset: -0.051 ms
Remote clock offset: 3.314 ms

# Below is generated by plot.py at 2018-05-24 17:45:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 32.265 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 32.219 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 32.151 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 32.391 ms
Loss rate: 0.00%
```

### Run 7: Report of WebRTC media — Data Link

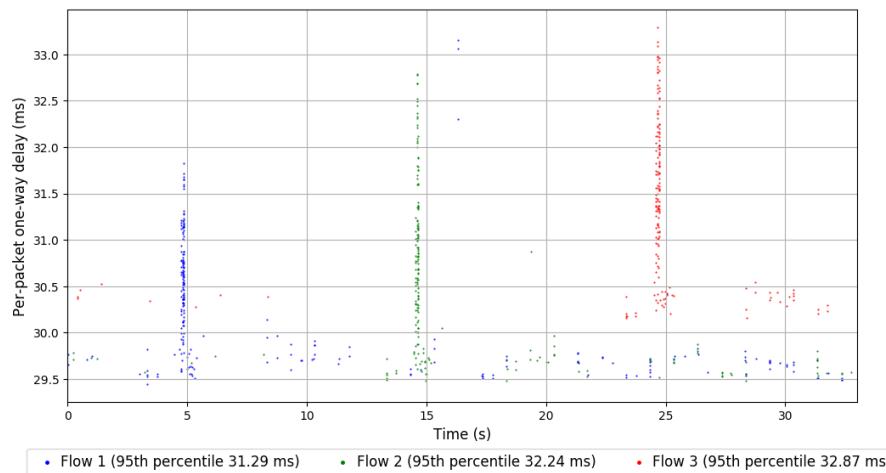
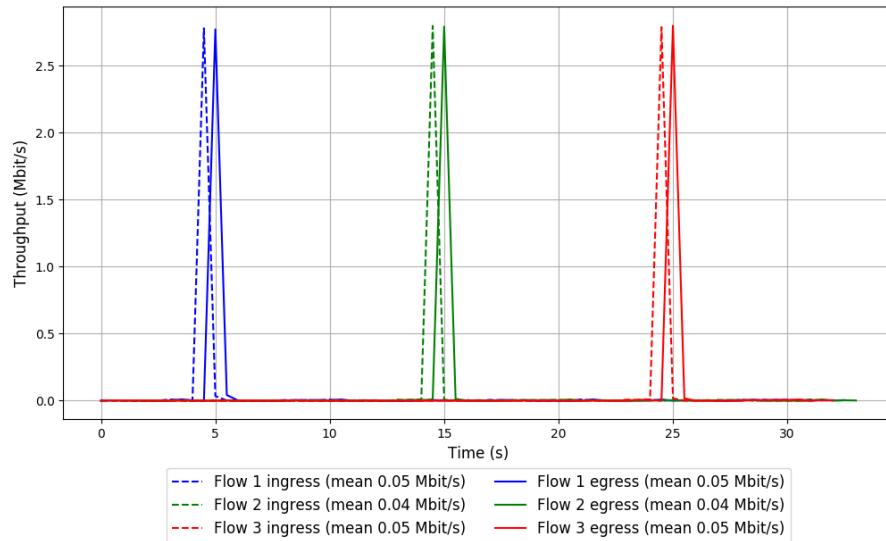


Run 8: Statistics of WebRTC media

```
Start at: 2018-05-24 16:36:16
End at: 2018-05-24 16:36:46
Local clock offset: 0.205 ms
Remote clock offset: 3.326 ms

# Below is generated by plot.py at 2018-05-24 17:45:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 32.442 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.285 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 32.239 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 32.869 ms
Loss rate: 0.00%
```

### Run 8: Report of WebRTC media — Data Link

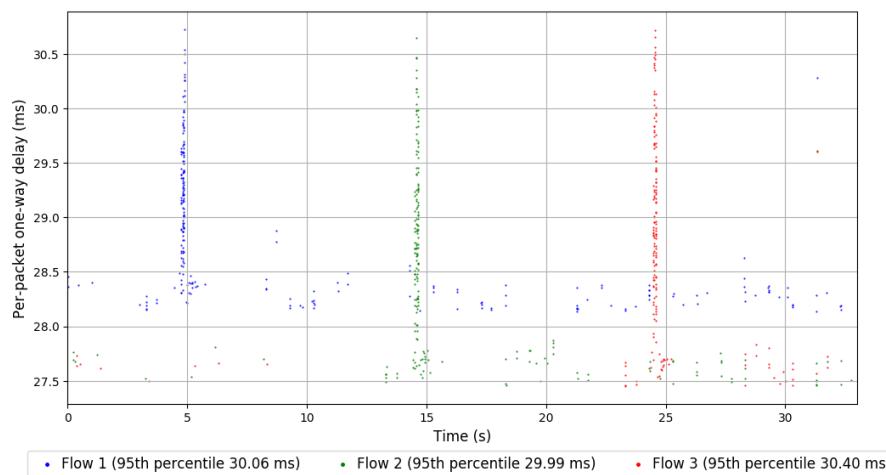
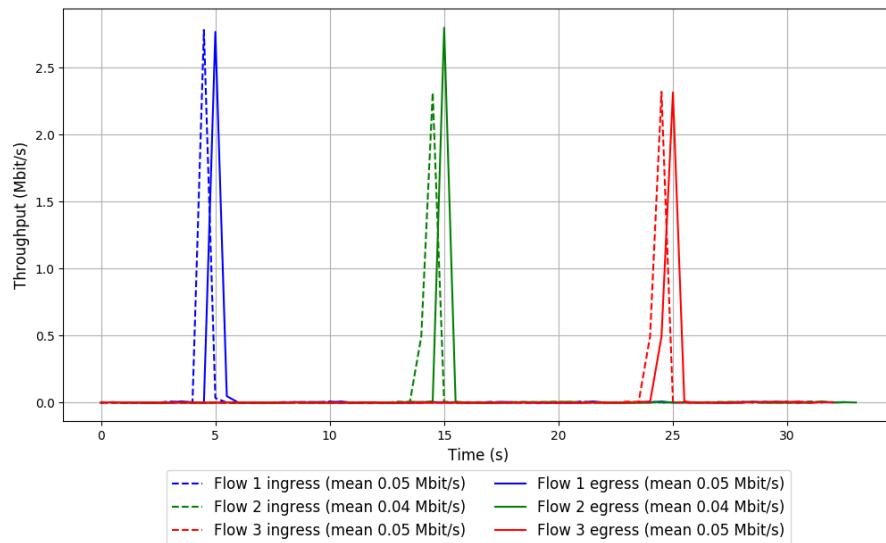


Run 9: Statistics of WebRTC media

```
Start at: 2018-05-24 16:57:30
End at: 2018-05-24 16:58:00
Local clock offset: 0.233 ms
Remote clock offset: 0.598 ms

# Below is generated by plot.py at 2018-05-24 17:45:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 30.133 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 30.060 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 29.986 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 30.399 ms
Loss rate: 0.00%
```

### Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

```
Start at: 2018-05-24 17:18:48
End at: 2018-05-24 17:19:18
Local clock offset: 0.133 ms
Remote clock offset: 0.366 ms

# Below is generated by plot.py at 2018-05-24 17:45:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 29.961 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 29.439 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 30.001 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 30.220 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

