

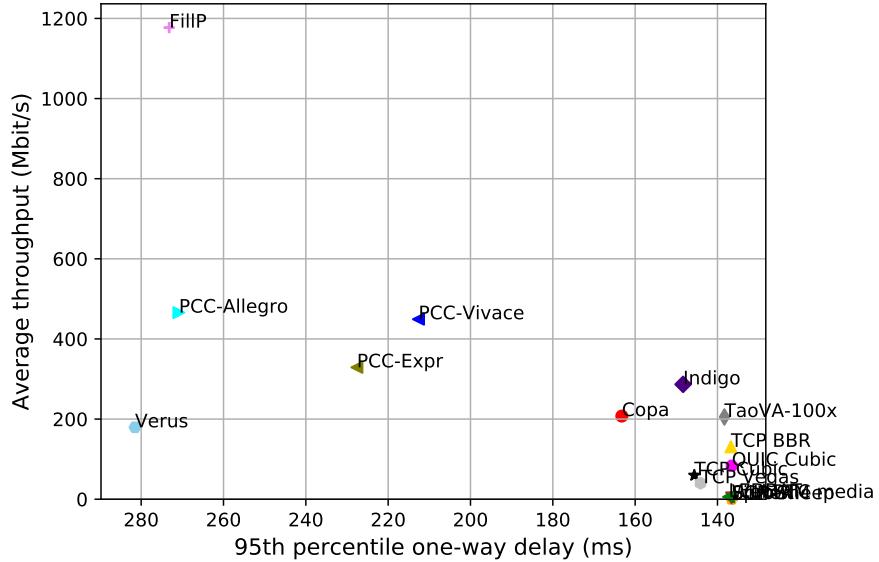
Pantheon Report

Generated at 2018-07-01 10:26:23 (UTC).
Data path: GCE London Ethernet (*remote*) → GCE Sydney Ethernet (*local*).
Repeated the test of 17 congestion control schemes 10 times.
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).
NTP offsets were measured against `time.google.com` and have been applied to correct the timestamps in logs.

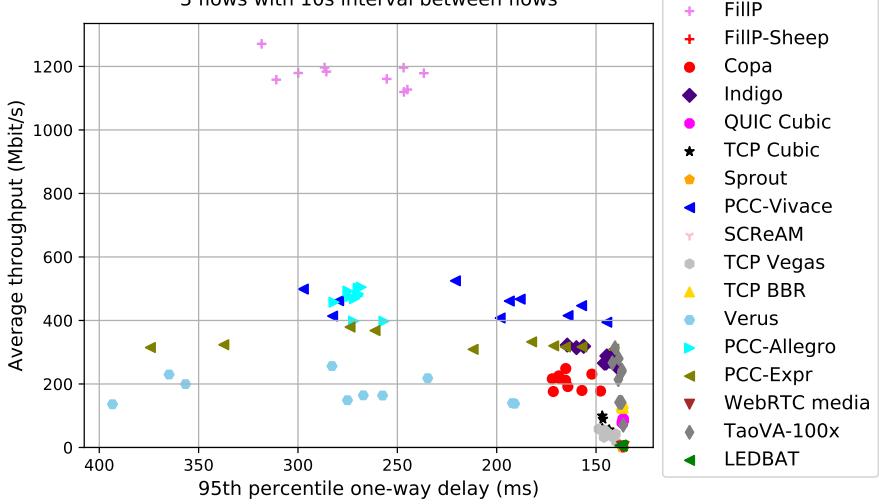
Git summary:

```
branch: master @ 715dc5f09d172e419699f6f17f1cb4c45064f212
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ 30060ab034deb3424347f5cc3db86198eac35d2a
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
  M src/ScreamClient
  M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

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



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



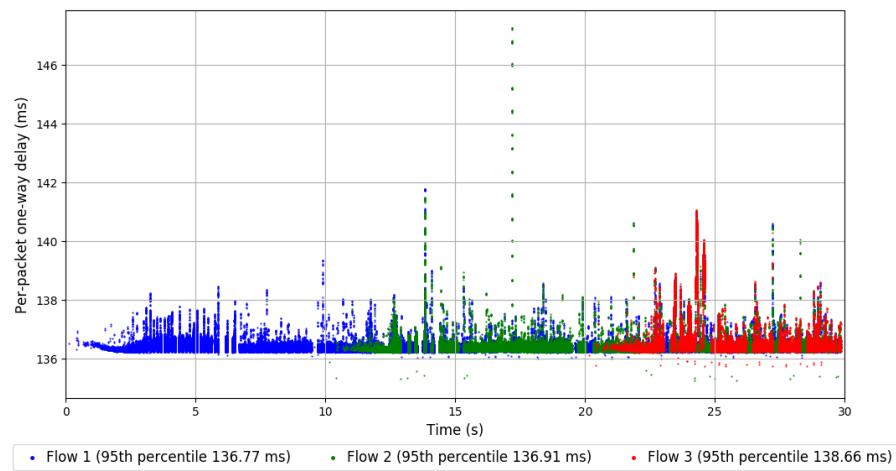
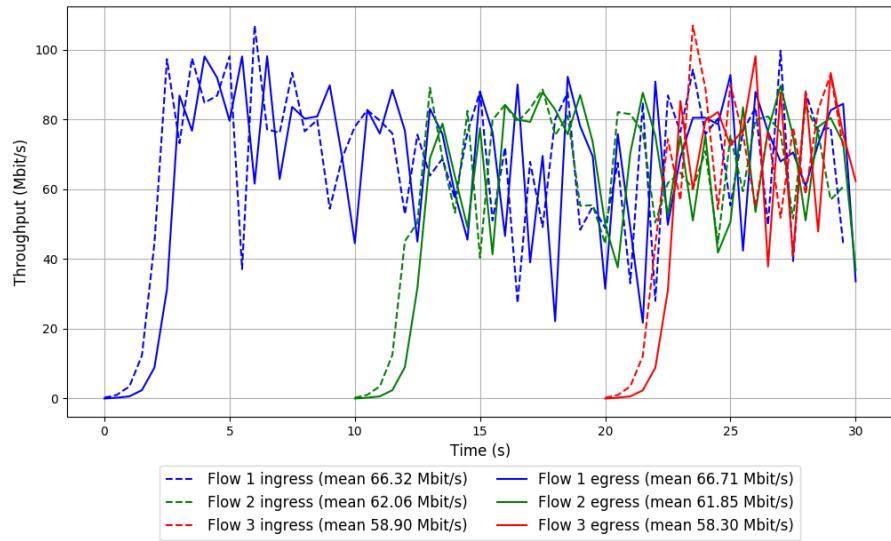
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	67.03	66.06	61.06	136.59	136.70	137.24	1.05	1.47	3.39
Copa		115.30	110.86	61.91	162.55	159.60	165.33	0.95	1.24	3.25
TCP Cubic		31.07	25.67	35.54	143.95	144.63	145.80	0.63	1.02	3.05
FillP		640.65	586.52	455.25	264.87	277.53	263.19	6.67	7.55	8.84
FillP-Sheep		0.00	0.00	0.00	136.24	136.12	136.36	0.00	0.00	3.80
Indigo		143.00	150.10	136.61	144.13	149.75	154.96	0.93	1.42	3.41
LEDBAT		3.67	2.52	1.49	137.40	137.18	136.90	1.63	2.61	5.41
PCC-Allegro		403.00	78.55	32.94	272.37	263.65	262.58	3.42	2.96	4.87
PCC-Expr		229.68	123.89	53.61	228.48	173.32	164.25	2.52	1.58	3.29
QUIC Cubic		45.08	43.08	29.86	136.44	136.12	136.09	1.22	2.31	2.53
SCReAM		0.22	0.22	0.22	136.44	136.14	136.22	0.89	1.43	2.59
Sprout		0.16	0.17	0.22	136.41	136.45	136.51	0.81	1.46	2.15
TaoVA-100x		105.24	120.22	62.27	137.89	138.09	138.03	0.80	1.21	3.11
TCP Vegas		13.01	23.85	34.02	141.77	141.68	144.98	0.51	0.85	2.11
Verus		108.59	83.21	49.72	273.57	268.26	220.05	7.05	2.64	5.93
PCC-Vivace		257.90	233.94	112.55	192.60	223.11	149.76	1.87	3.37	4.78
WebRTC media		1.79	1.08	0.37	136.47	136.30	136.46	1.62	1.95	5.08

Run 1: Statistics of TCP BBR

```
Start at: 2018-07-01 04:10:45
End at: 2018-07-01 04:11:15
Local clock offset: 0.206 ms
Remote clock offset: -0.265 ms

# Below is generated by plot.py at 2018-07-01 08:35:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 126.49 Mbit/s
95th percentile per-packet one-way delay: 137.049 ms
Loss rate: 1.29%
-- Flow 1:
Average throughput: 66.71 Mbit/s
95th percentile per-packet one-way delay: 136.772 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 61.85 Mbit/s
95th percentile per-packet one-way delay: 136.906 ms
Loss rate: 1.16%
-- Flow 3:
Average throughput: 58.30 Mbit/s
95th percentile per-packet one-way delay: 138.661 ms
Loss rate: 3.72%
```

Run 1: Report of TCP BBR — Data Link

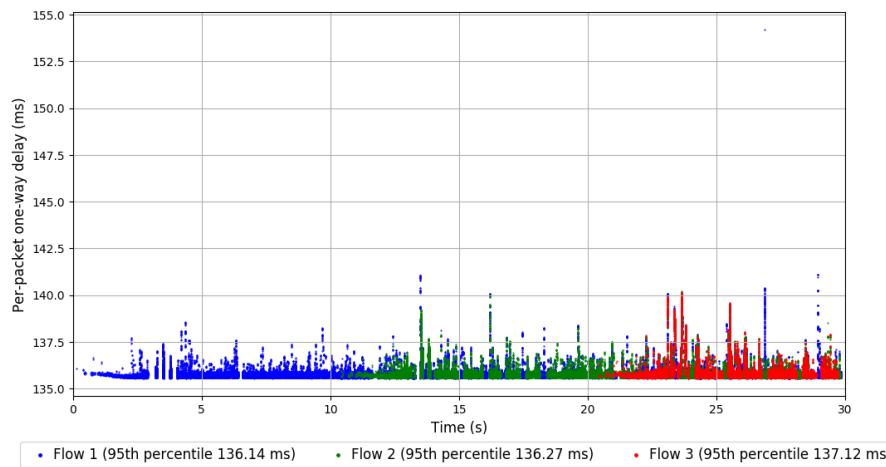
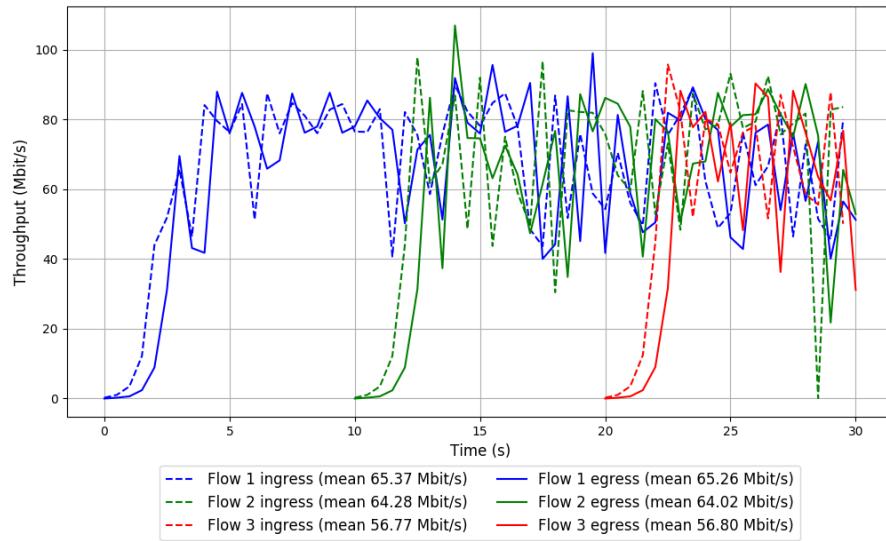


Run 2: Statistics of TCP BBR

```
Start at: 2018-07-01 04:36:28
End at: 2018-07-01 04:36:58
Local clock offset: -0.055 ms
Remote clock offset: 0.39 ms

# Below is generated by plot.py at 2018-07-01 08:35:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 125.92 Mbit/s
95th percentile per-packet one-way delay: 136.314 ms
Loss rate: 1.79%
-- Flow 1:
Average throughput: 65.26 Mbit/s
95th percentile per-packet one-way delay: 136.137 ms
Loss rate: 1.09%
-- Flow 2:
Average throughput: 64.02 Mbit/s
95th percentile per-packet one-way delay: 136.266 ms
Loss rate: 1.88%
-- Flow 3:
Average throughput: 56.80 Mbit/s
95th percentile per-packet one-way delay: 137.117 ms
Loss rate: 4.04%
```

Run 2: Report of TCP BBR — Data Link

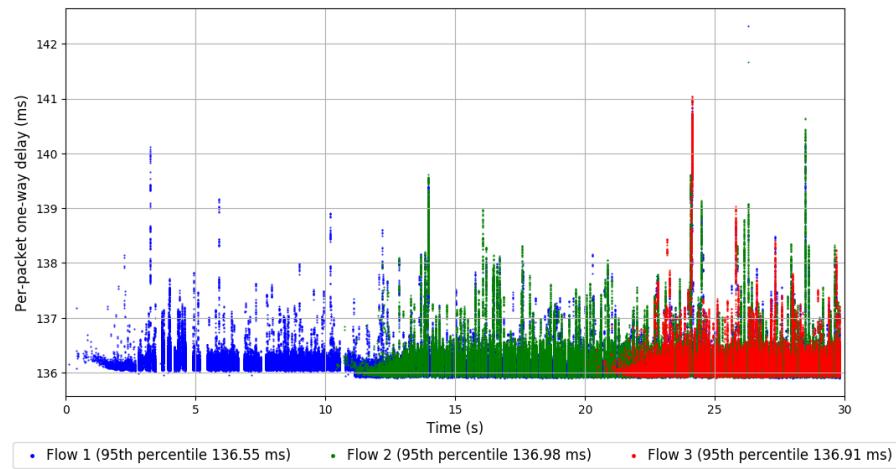
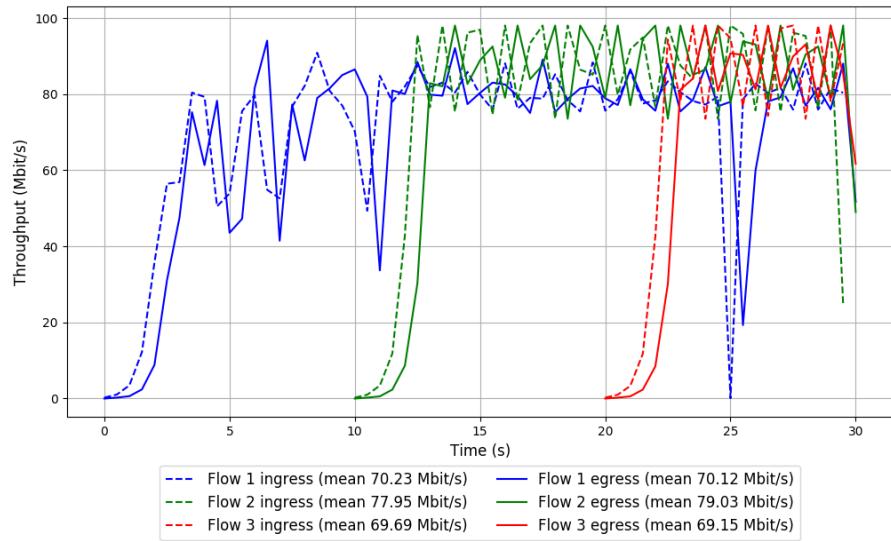


Run 3: Statistics of TCP BBR

```
Start at: 2018-07-01 05:02:09
End at: 2018-07-01 05:02:39
Local clock offset: -0.138 ms
Remote clock offset: -0.001 ms

# Below is generated by plot.py at 2018-07-01 08:35:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 144.82 Mbit/s
95th percentile per-packet one-way delay: 136.771 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 70.12 Mbit/s
95th percentile per-packet one-way delay: 136.548 ms
Loss rate: 1.12%
-- Flow 2:
Average throughput: 79.03 Mbit/s
95th percentile per-packet one-way delay: 136.983 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 69.15 Mbit/s
95th percentile per-packet one-way delay: 136.909 ms
Loss rate: 3.54%
```

Run 3: Report of TCP BBR — Data Link

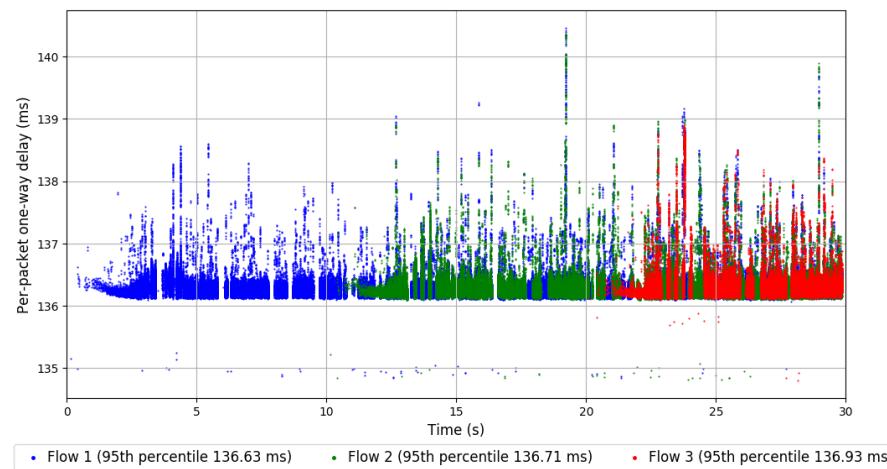
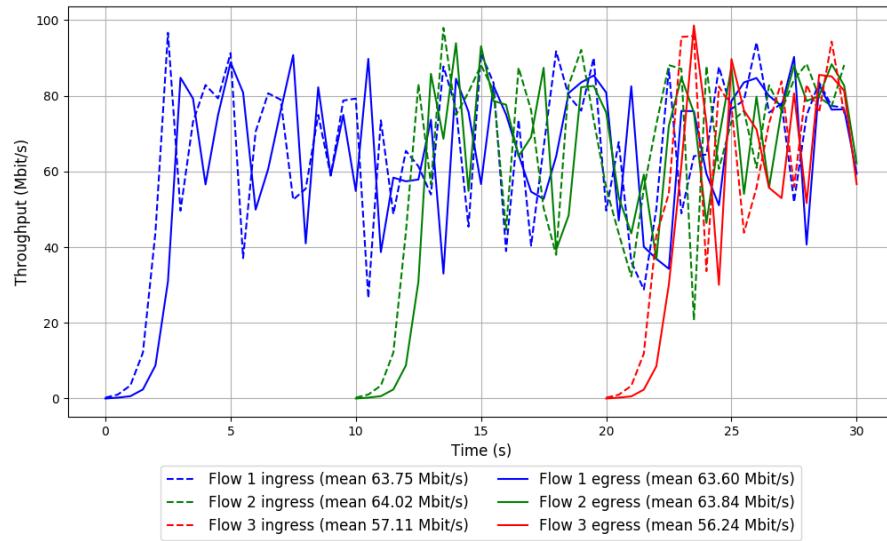


Run 4: Statistics of TCP BBR

```
Start at: 2018-07-01 05:27:52
End at: 2018-07-01 05:28:22
Local clock offset: 0.039 ms
Remote clock offset: 0.086 ms

# Below is generated by plot.py at 2018-07-01 08:35:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 124.31 Mbit/s
95th percentile per-packet one-way delay: 136.704 ms
Loss rate: 1.76%
-- Flow 1:
Average throughput: 63.60 Mbit/s
95th percentile per-packet one-way delay: 136.630 ms
Loss rate: 1.14%
-- Flow 2:
Average throughput: 63.84 Mbit/s
95th percentile per-packet one-way delay: 136.708 ms
Loss rate: 1.63%
-- Flow 3:
Average throughput: 56.24 Mbit/s
95th percentile per-packet one-way delay: 136.930 ms
Loss rate: 4.12%
```

Run 4: Report of TCP BBR — Data Link

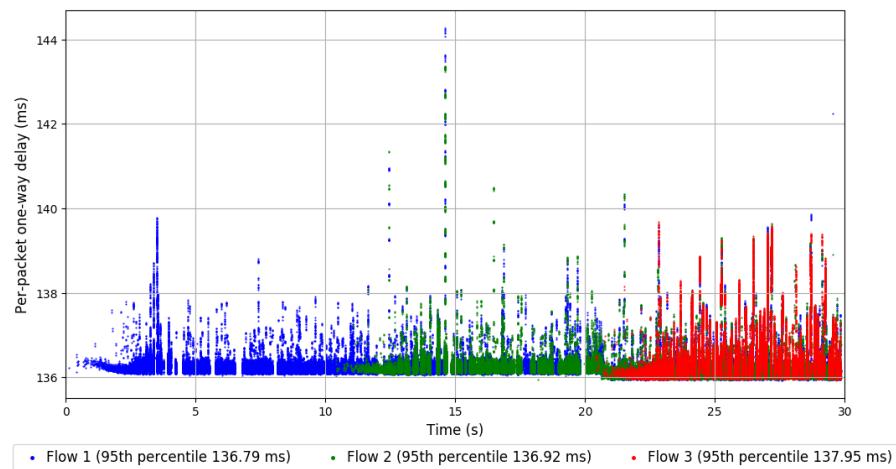
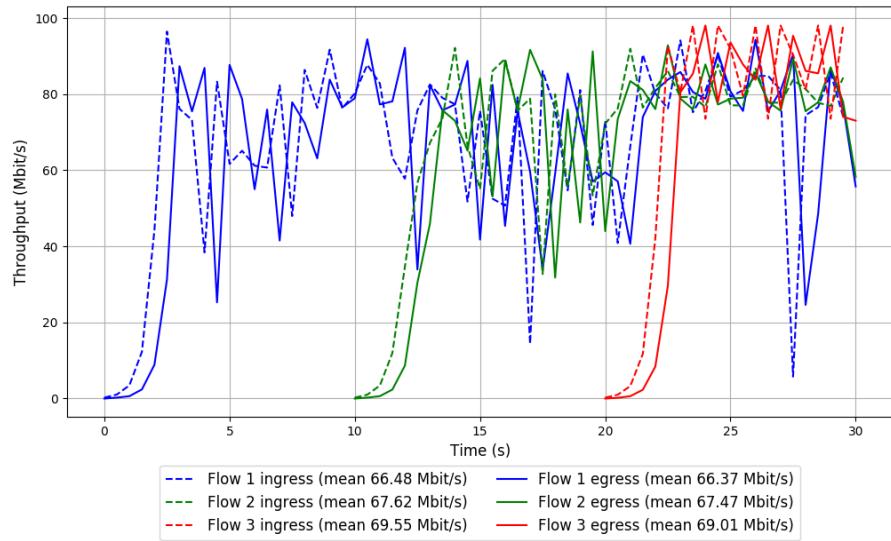


Run 5: Statistics of TCP BBR

```
Start at: 2018-07-01 05:53:29
End at: 2018-07-01 05:53:59
Local clock offset: 0.416 ms
Remote clock offset: 0.097 ms

# Below is generated by plot.py at 2018-07-01 08:35:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 133.56 Mbit/s
95th percentile per-packet one-way delay: 137.122 ms
Loss rate: 1.67%
-- Flow 1:
Average throughput: 66.37 Mbit/s
95th percentile per-packet one-way delay: 136.789 ms
Loss rate: 1.08%
-- Flow 2:
Average throughput: 67.47 Mbit/s
95th percentile per-packet one-way delay: 136.919 ms
Loss rate: 1.59%
-- Flow 3:
Average throughput: 69.01 Mbit/s
95th percentile per-packet one-way delay: 137.951 ms
Loss rate: 3.54%
```

Run 5: Report of TCP BBR — Data Link

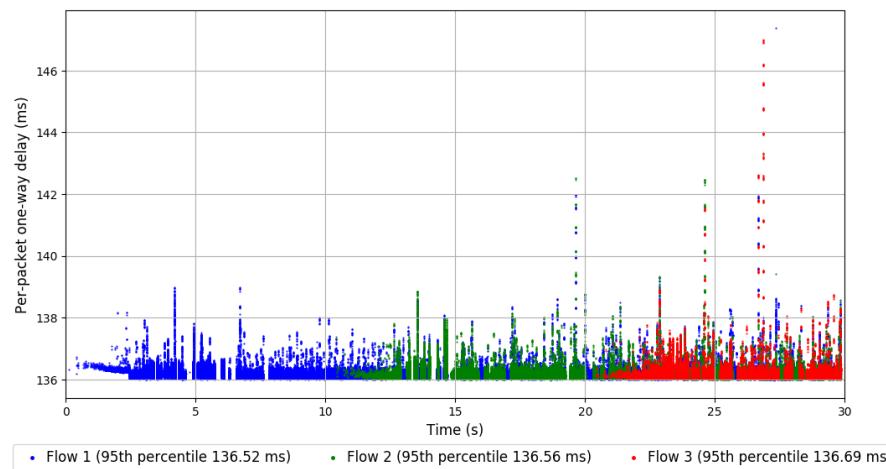
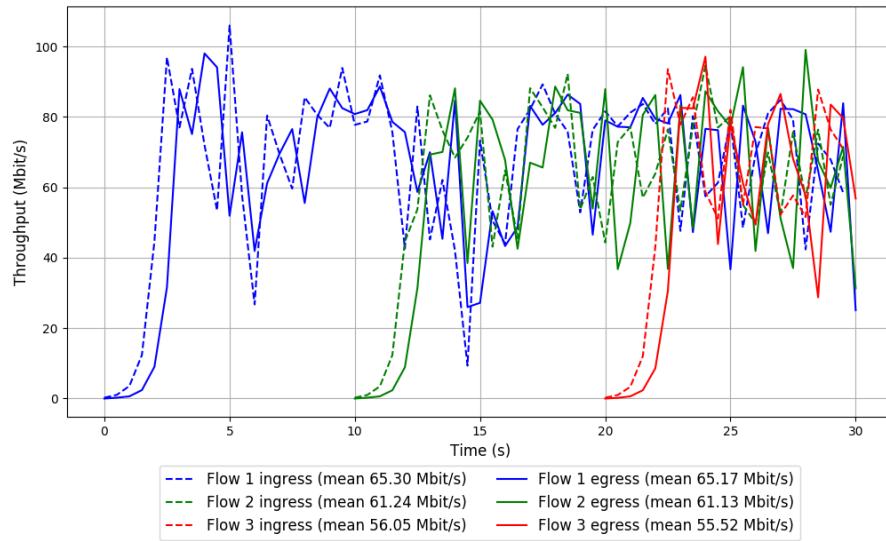


Run 6: Statistics of TCP BBR

```
Start at: 2018-07-01 06:19:17
End at: 2018-07-01 06:19:47
Local clock offset: 0.374 ms
Remote clock offset: 0.09 ms

# Below is generated by plot.py at 2018-07-01 08:35:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 123.81 Mbit/s
95th percentile per-packet one-way delay: 136.552 ms
Loss rate: 1.59%
-- Flow 1:
Average throughput: 65.17 Mbit/s
95th percentile per-packet one-way delay: 136.517 ms
Loss rate: 1.10%
-- Flow 2:
Average throughput: 61.13 Mbit/s
95th percentile per-packet one-way delay: 136.563 ms
Loss rate: 1.55%
-- Flow 3:
Average throughput: 55.52 Mbit/s
95th percentile per-packet one-way delay: 136.694 ms
Loss rate: 3.42%
```

Run 6: Report of TCP BBR — Data Link

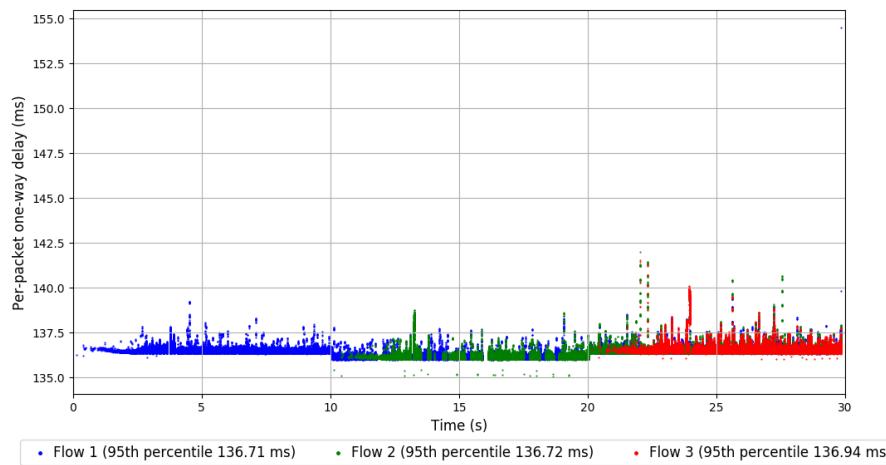
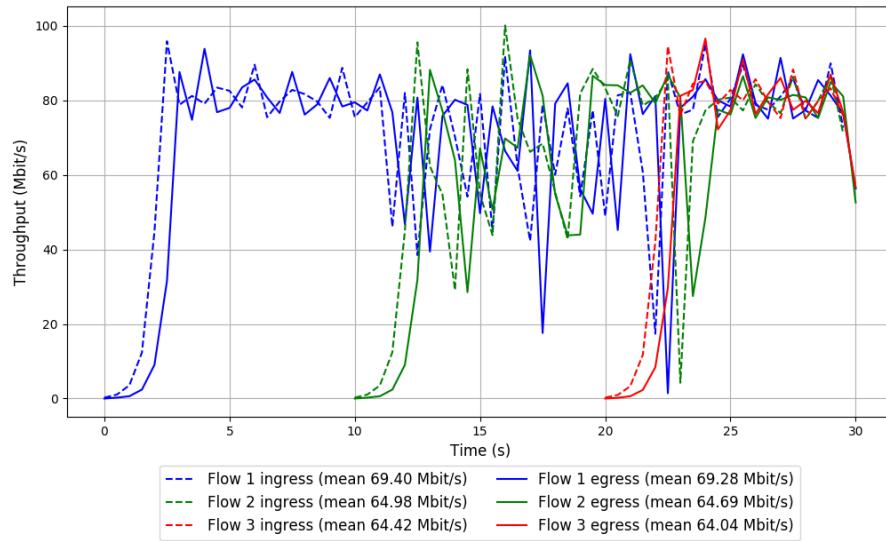


Run 7: Statistics of TCP BBR

```
Start at: 2018-07-01 06:45:20
End at: 2018-07-01 06:45:50
Local clock offset: 0.353 ms
Remote clock offset: -0.02 ms

# Below is generated by plot.py at 2018-07-01 08:35:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 133.05 Mbit/s
95th percentile per-packet one-way delay: 136.750 ms
Loss rate: 1.62%
-- Flow 1:
Average throughput: 69.28 Mbit/s
95th percentile per-packet one-way delay: 136.714 ms
Loss rate: 1.07%
-- Flow 2:
Average throughput: 64.69 Mbit/s
95th percentile per-packet one-way delay: 136.723 ms
Loss rate: 1.67%
-- Flow 3:
Average throughput: 64.04 Mbit/s
95th percentile per-packet one-way delay: 136.937 ms
Loss rate: 3.32%
```

Run 7: Report of TCP BBR — Data Link

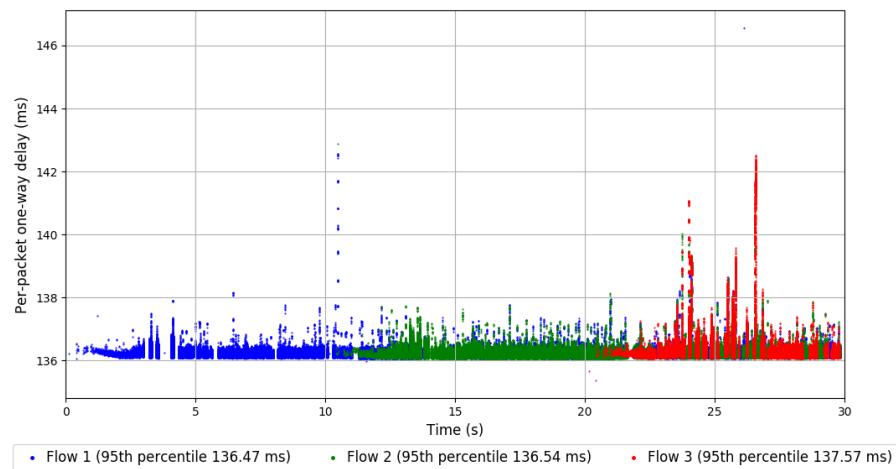
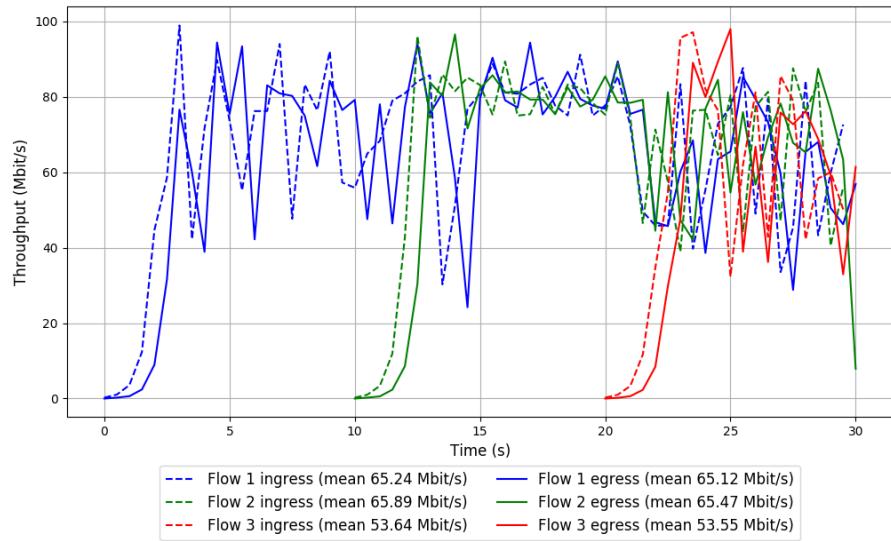


Run 8: Statistics of TCP BBR

```
Start at: 2018-07-01 07:10:49
End at: 2018-07-01 07:11:19
Local clock offset: -0.018 ms
Remote clock offset: -0.072 ms

# Below is generated by plot.py at 2018-07-01 08:35:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 125.94 Mbit/s
95th percentile per-packet one-way delay: 136.602 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 65.12 Mbit/s
95th percentile per-packet one-way delay: 136.471 ms
Loss rate: 1.10%
-- Flow 2:
Average throughput: 65.47 Mbit/s
95th percentile per-packet one-way delay: 136.545 ms
Loss rate: 1.85%
-- Flow 3:
Average throughput: 53.55 Mbit/s
95th percentile per-packet one-way delay: 137.567 ms
Loss rate: 1.52%
```

Run 8: Report of TCP BBR — Data Link

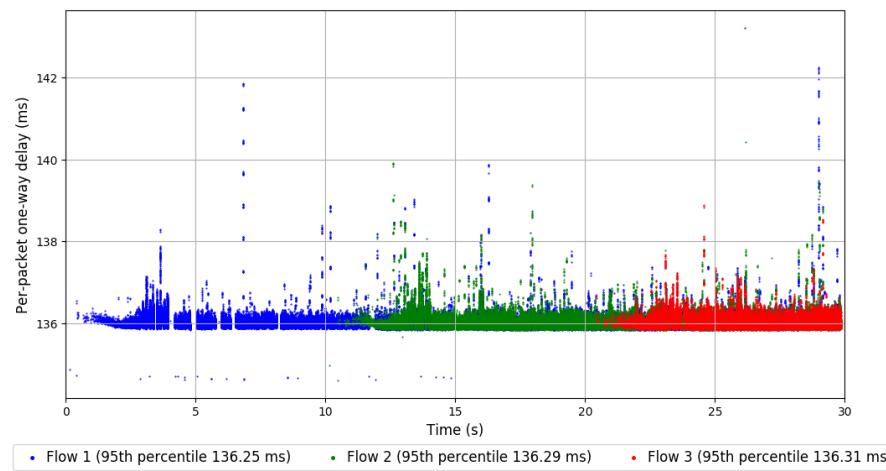
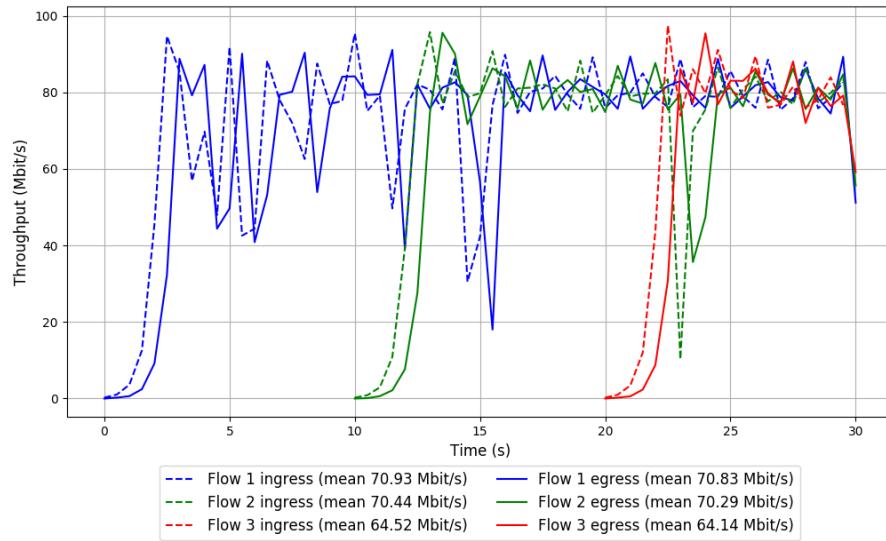


Run 9: Statistics of TCP BBR

```
Start at: 2018-07-01 07:36:48
End at: 2018-07-01 07:37:18
Local clock offset: 0.126 ms
Remote clock offset: 0.446 ms

# Below is generated by plot.py at 2018-07-01 08:37:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 138.25 Mbit/s
95th percentile per-packet one-way delay: 136.277 ms
Loss rate: 1.64%
-- Flow 1:
Average throughput: 70.83 Mbit/s
95th percentile per-packet one-way delay: 136.255 ms
Loss rate: 1.13%
-- Flow 2:
Average throughput: 70.29 Mbit/s
95th percentile per-packet one-way delay: 136.293 ms
Loss rate: 1.64%
-- Flow 3:
Average throughput: 64.14 Mbit/s
95th percentile per-packet one-way delay: 136.311 ms
Loss rate: 3.31%
```

Run 9: Report of TCP BBR — Data Link

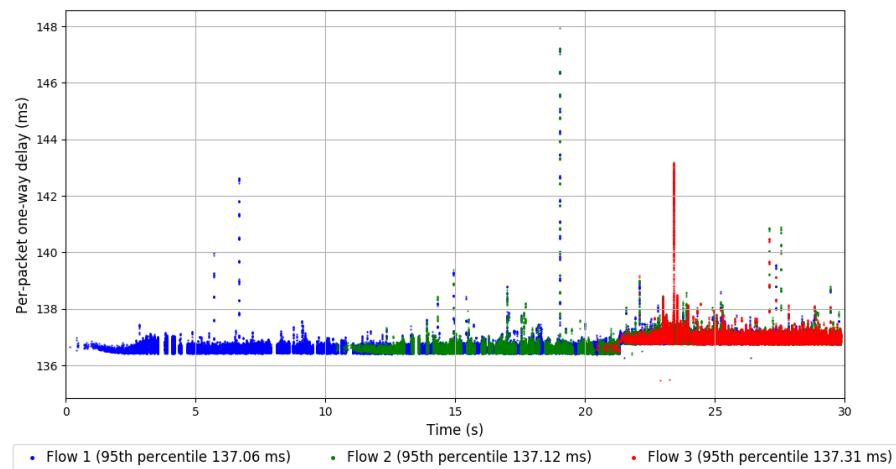
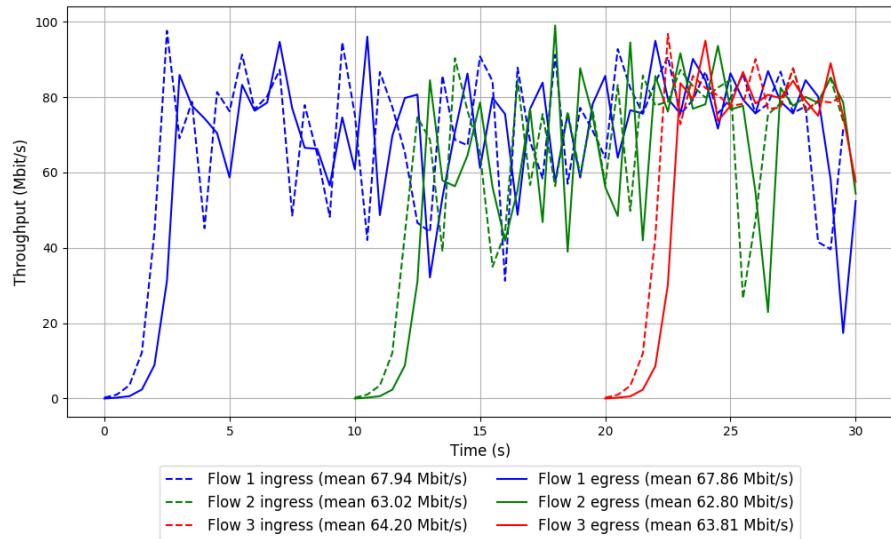


Run 10: Statistics of TCP BBR

```
Start at: 2018-07-01 08:02:39
End at: 2018-07-01 08:03:09
Local clock offset: 0.201 ms
Remote clock offset: -0.277 ms

# Below is generated by plot.py at 2018-07-01 08:37:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 130.31 Mbit/s
95th percentile per-packet one-way delay: 137.127 ms
Loss rate: 1.62%
-- Flow 1:
Average throughput: 67.86 Mbit/s
95th percentile per-packet one-way delay: 137.064 ms
Loss rate: 1.03%
-- Flow 2:
Average throughput: 62.80 Mbit/s
95th percentile per-packet one-way delay: 137.118 ms
Loss rate: 1.70%
-- Flow 3:
Average throughput: 63.81 Mbit/s
95th percentile per-packet one-way delay: 137.309 ms
Loss rate: 3.34%
```

Run 10: Report of TCP BBR — Data Link

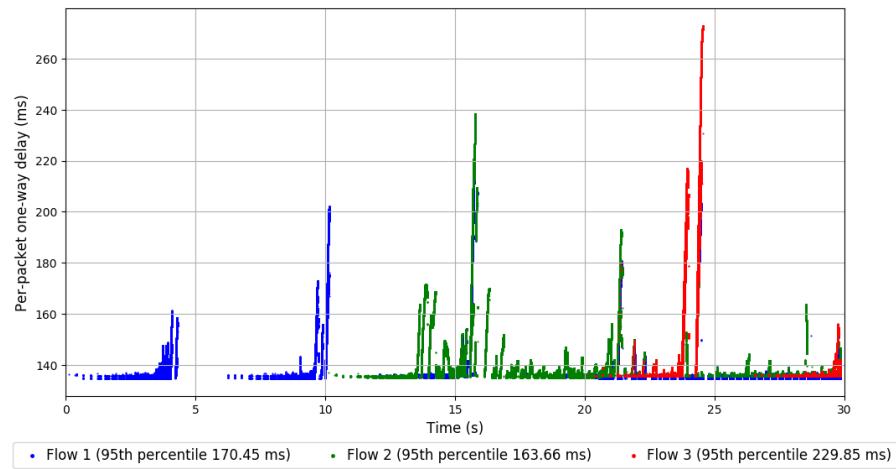
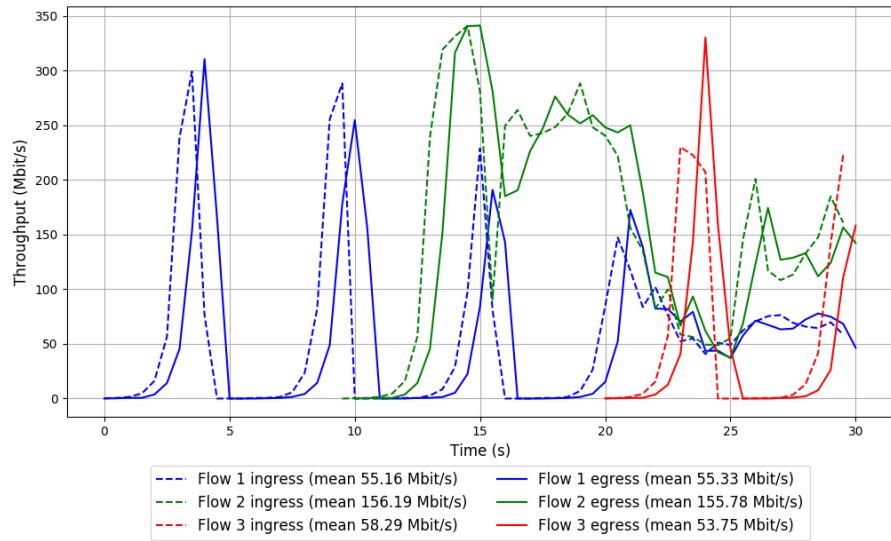


Run 1: Statistics of Copa

```
Start at: 2018-07-01 04:23:19
End at: 2018-07-01 04:23:49
Local clock offset: -0.141 ms
Remote clock offset: 0.063 ms

# Below is generated by plot.py at 2018-07-01 08:41:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 176.19 Mbit/s
95th percentile per-packet one-way delay: 171.508 ms
Loss rate: 2.25%
-- Flow 1:
Average throughput: 55.33 Mbit/s
95th percentile per-packet one-way delay: 170.449 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 155.78 Mbit/s
95th percentile per-packet one-way delay: 163.660 ms
Loss rate: 1.59%
-- Flow 3:
Average throughput: 53.75 Mbit/s
95th percentile per-packet one-way delay: 229.850 ms
Loss rate: 10.37%
```

Run 1: Report of Copa — Data Link

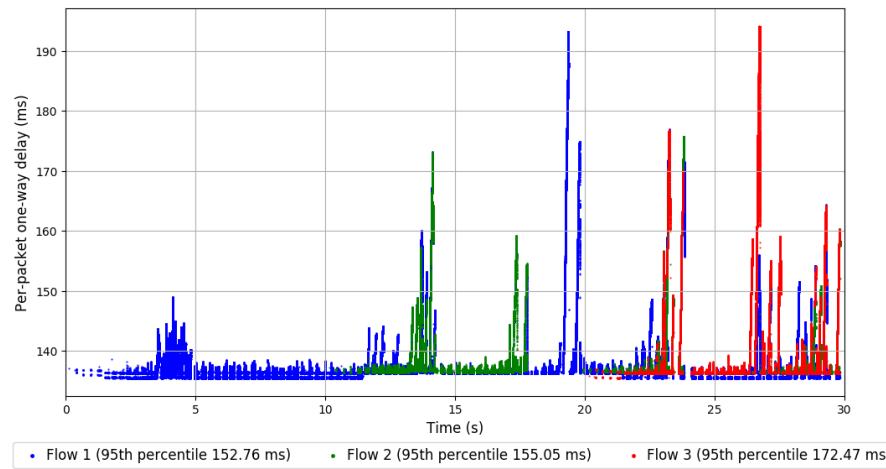
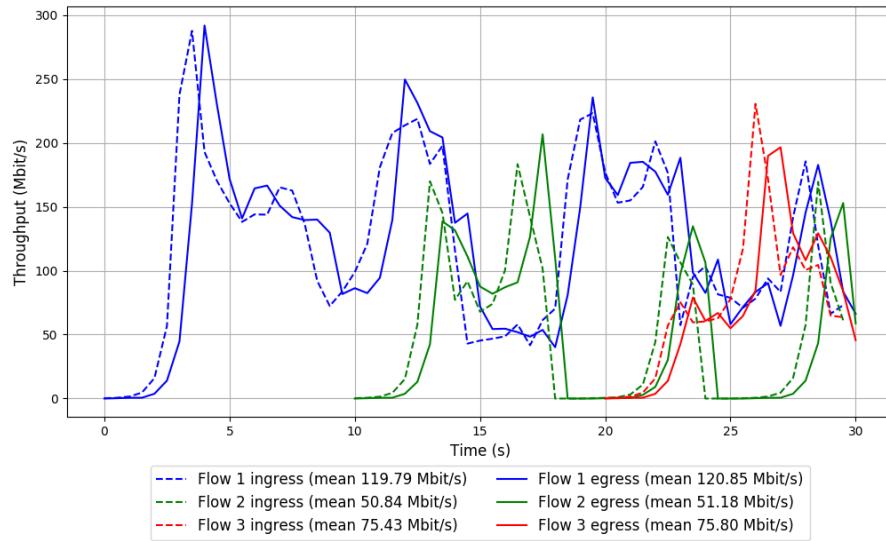


Run 2: Statistics of Copa

```
Start at: 2018-07-01 04:48:58
End at: 2018-07-01 04:49:28
Local clock offset: -0.035 ms
Remote clock offset: -0.327 ms

# Below is generated by plot.py at 2018-07-01 08:41:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 179.46 Mbit/s
95th percentile per-packet one-way delay: 157.096 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 120.85 Mbit/s
95th percentile per-packet one-way delay: 152.759 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 51.18 Mbit/s
95th percentile per-packet one-way delay: 155.048 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 75.80 Mbit/s
95th percentile per-packet one-way delay: 172.474 ms
Loss rate: 1.21%
```

Run 2: Report of Copa — Data Link

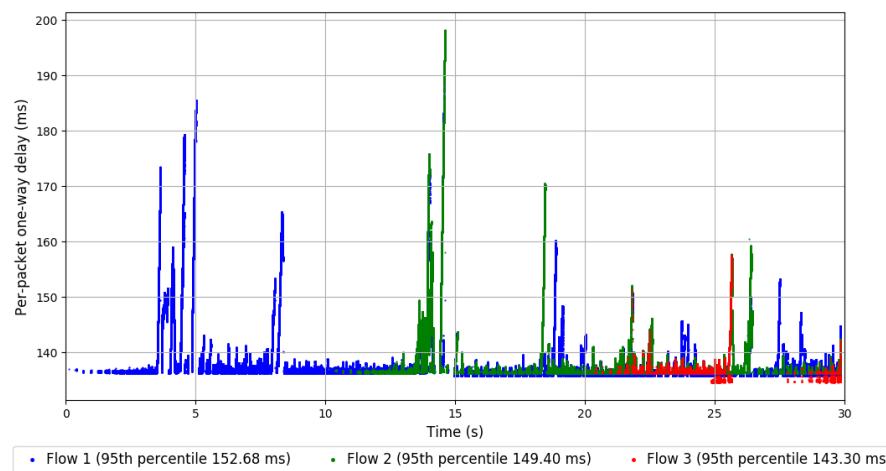
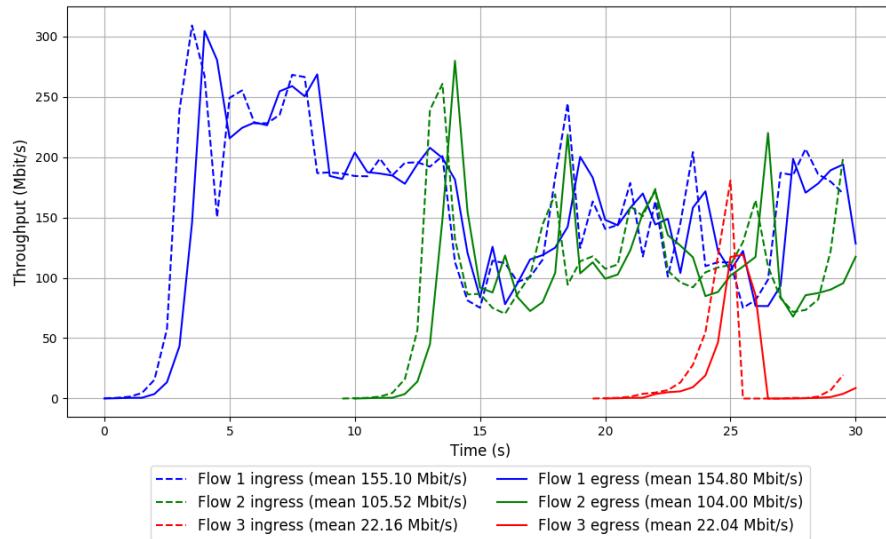


Run 3: Statistics of Copa

```
Start at: 2018-07-01 05:14:45
End at: 2018-07-01 05:15:15
Local clock offset: -0.13 ms
Remote clock offset: 0.037 ms

# Below is generated by plot.py at 2018-07-01 08:43:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 230.99 Mbit/s
95th percentile per-packet one-way delay: 152.108 ms
Loss rate: 1.60%
-- Flow 1:
Average throughput: 154.80 Mbit/s
95th percentile per-packet one-way delay: 152.680 ms
Loss rate: 1.02%
-- Flow 2:
Average throughput: 104.00 Mbit/s
95th percentile per-packet one-way delay: 149.402 ms
Loss rate: 2.70%
-- Flow 3:
Average throughput: 22.04 Mbit/s
95th percentile per-packet one-way delay: 143.297 ms
Loss rate: 3.25%
```

Run 3: Report of Copa — Data Link

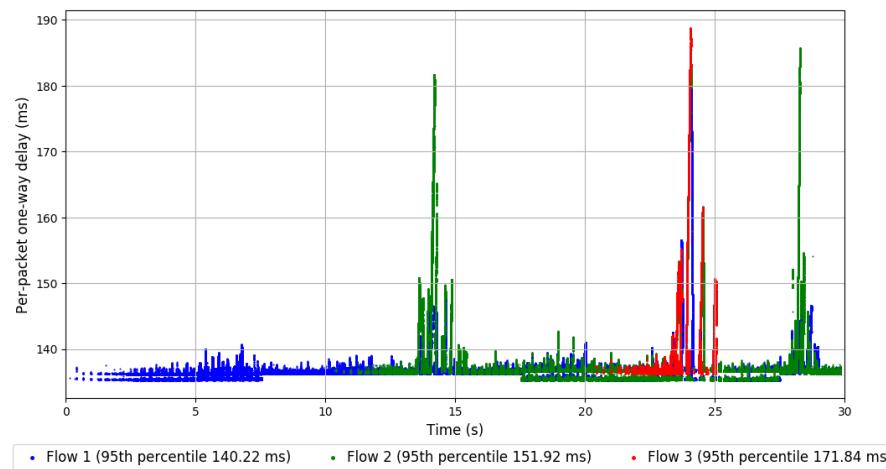
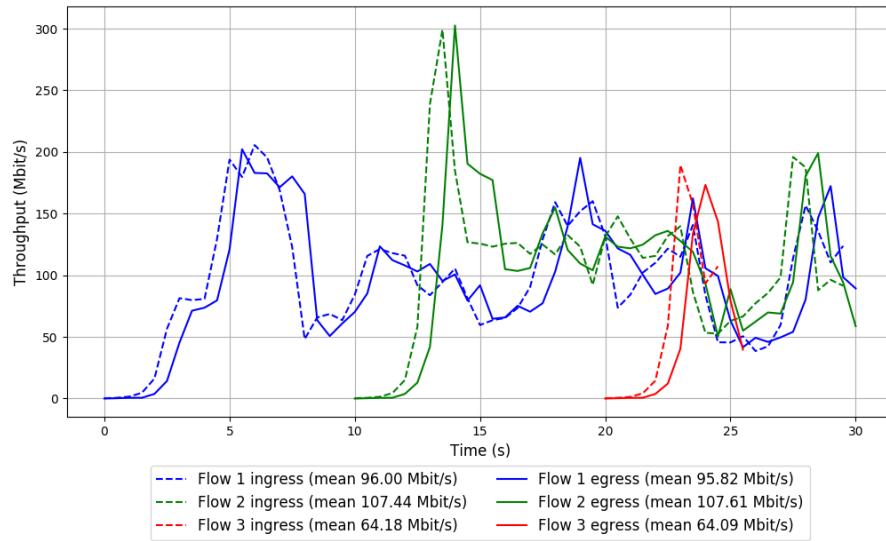


Run 4: Statistics of Copa

```
Start at: 2018-07-01 05:40:32
End at: 2018-07-01 05:41:02
Local clock offset: 0.193 ms
Remote clock offset: -0.325 ms

# Below is generated by plot.py at 2018-07-01 08:43:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 177.73 Mbit/s
95th percentile per-packet one-way delay: 147.728 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 95.82 Mbit/s
95th percentile per-packet one-way delay: 140.223 ms
Loss rate: 1.10%
-- Flow 2:
Average throughput: 107.61 Mbit/s
95th percentile per-packet one-way delay: 151.916 ms
Loss rate: 1.21%
-- Flow 3:
Average throughput: 64.09 Mbit/s
95th percentile per-packet one-way delay: 171.837 ms
Loss rate: 0.00%
```

Run 4: Report of Copa — Data Link

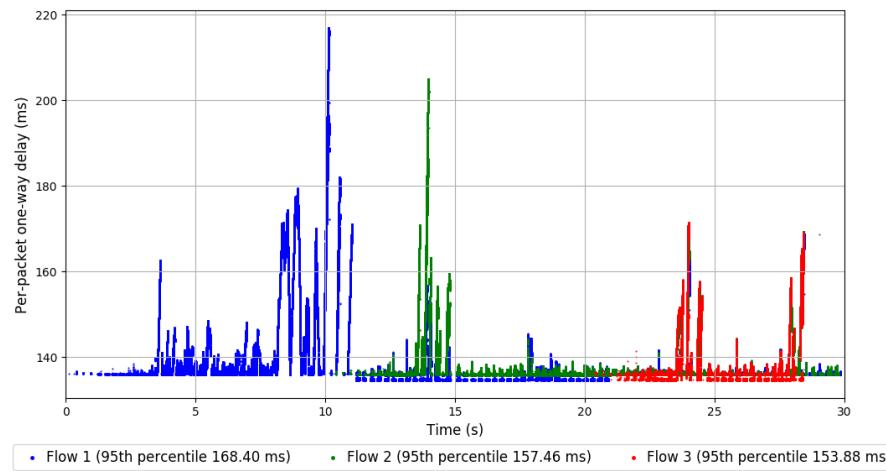
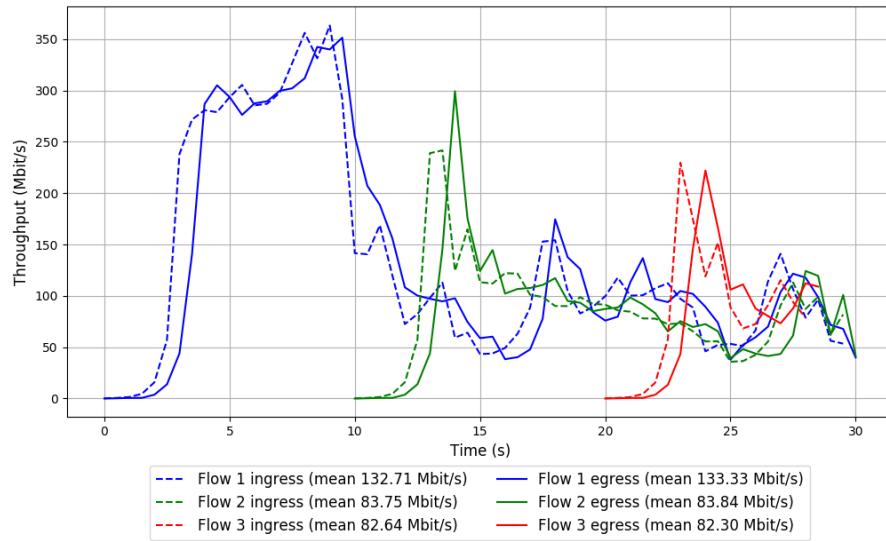


Run 5: Statistics of Copa

```
Start at: 2018-07-01 06:05:59
End at: 2018-07-01 06:06:29
Local clock offset: 0.225 ms
Remote clock offset: 0.083 ms

# Below is generated by plot.py at 2018-07-01 08:43:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 211.70 Mbit/s
95th percentile per-packet one-way delay: 165.347 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 133.33 Mbit/s
95th percentile per-packet one-way delay: 168.401 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 83.84 Mbit/s
95th percentile per-packet one-way delay: 157.463 ms
Loss rate: 1.26%
-- Flow 3:
Average throughput: 82.30 Mbit/s
95th percentile per-packet one-way delay: 153.878 ms
Loss rate: 0.02%
```

Run 5: Report of Copa — Data Link

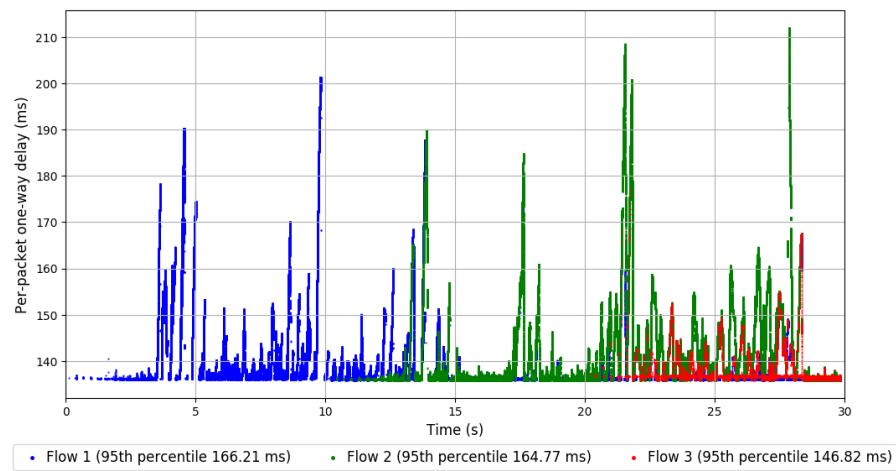
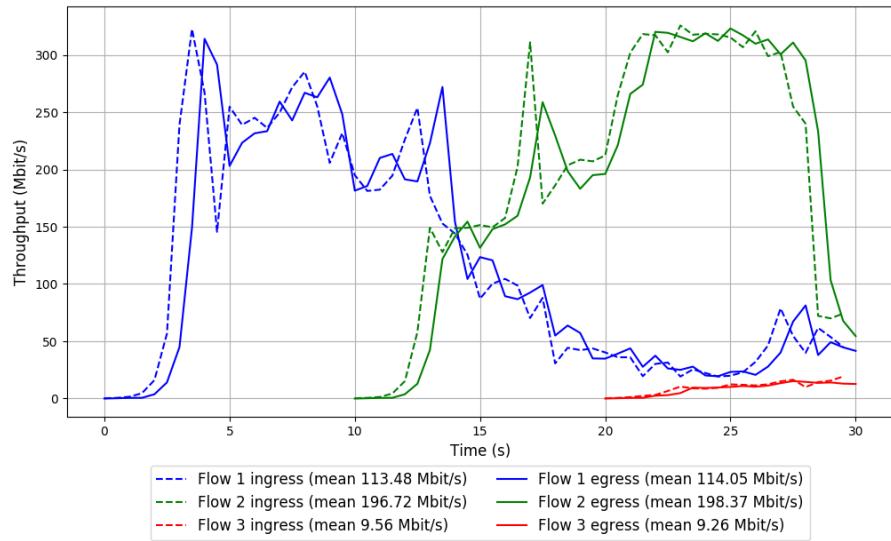


Run 6: Statistics of Copa

```
Start at: 2018-07-01 06:31:50
End at: 2018-07-01 06:32:20
Local clock offset: 0.244 ms
Remote clock offset: 0.015 ms

# Below is generated by plot.py at 2018-07-01 08:44:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 248.52 Mbit/s
95th percentile per-packet one-way delay: 165.244 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 114.05 Mbit/s
95th percentile per-packet one-way delay: 166.212 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 198.37 Mbit/s
95th percentile per-packet one-way delay: 164.769 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 9.26 Mbit/s
95th percentile per-packet one-way delay: 146.818 ms
Loss rate: 5.82%
```

Run 6: Report of Copa — Data Link

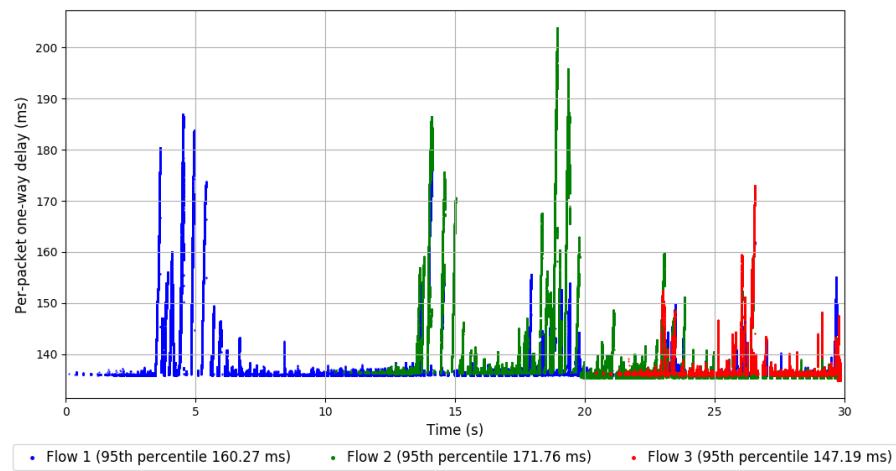
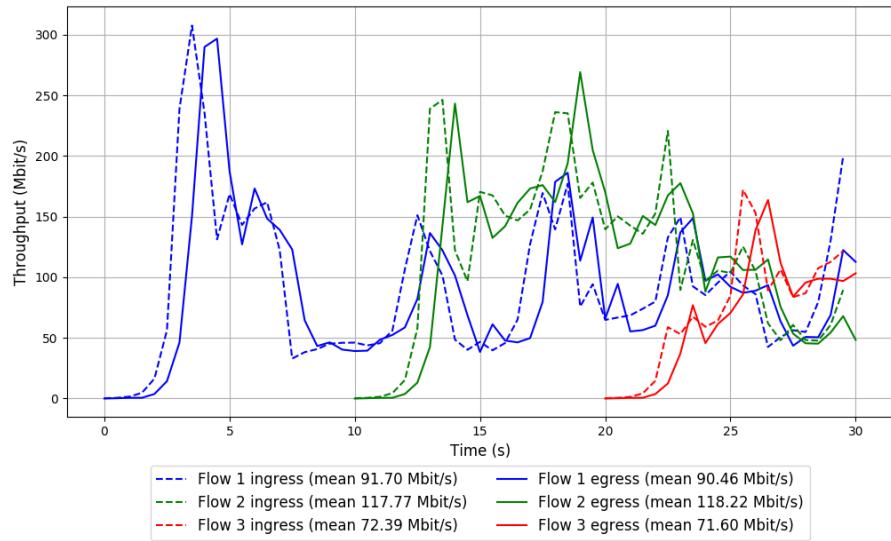


Run 7: Statistics of Copa

```
Start at: 2018-07-01 06:57:50
End at: 2018-07-01 06:58:20
Local clock offset: 0.21 ms
Remote clock offset: -0.036 ms

# Below is generated by plot.py at 2018-07-01 08:44:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 191.89 Mbit/s
95th percentile per-packet one-way delay: 164.194 ms
Loss rate: 2.00%
-- Flow 1:
Average throughput: 90.46 Mbit/s
95th percentile per-packet one-way delay: 160.274 ms
Loss rate: 2.30%
-- Flow 2:
Average throughput: 118.22 Mbit/s
95th percentile per-packet one-way delay: 171.757 ms
Loss rate: 1.07%
-- Flow 3:
Average throughput: 71.60 Mbit/s
95th percentile per-packet one-way delay: 147.186 ms
Loss rate: 3.82%
```

Run 7: Report of Copa — Data Link

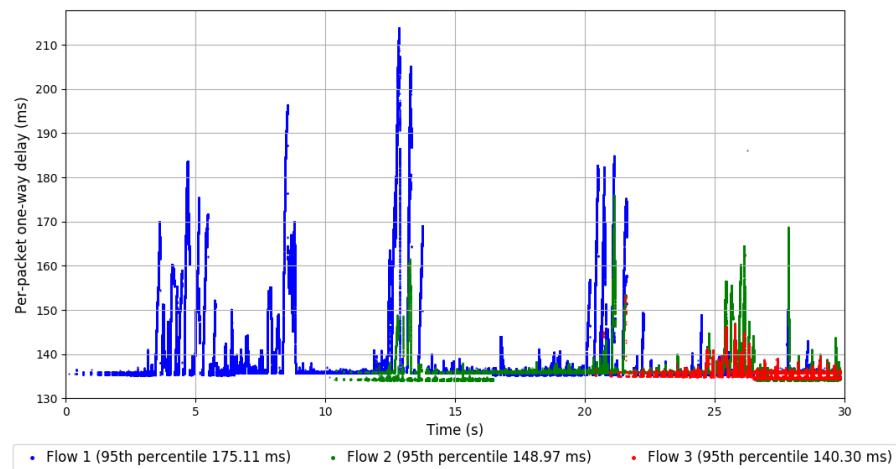
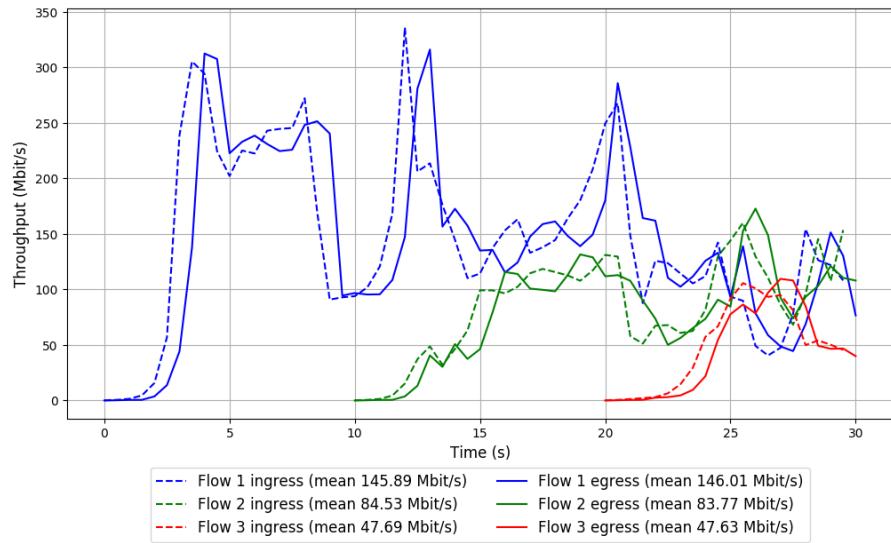


Run 8: Statistics of Copa

```
Start at: 2018-07-01 07:23:23
End at: 2018-07-01 07:23:53
Local clock offset: 0.066 ms
Remote clock offset: 0.3 ms

# Below is generated by plot.py at 2018-07-01 08:45:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 217.09 Mbit/s
95th percentile per-packet one-way delay: 168.376 ms
Loss rate: 1.34%
-- Flow 1:
Average throughput: 146.01 Mbit/s
95th percentile per-packet one-way delay: 175.114 ms
Loss rate: 0.83%
-- Flow 2:
Average throughput: 83.77 Mbit/s
95th percentile per-packet one-way delay: 148.968 ms
Loss rate: 2.24%
-- Flow 3:
Average throughput: 47.63 Mbit/s
95th percentile per-packet one-way delay: 140.303 ms
Loss rate: 2.87%
```

Run 8: Report of Copa — Data Link

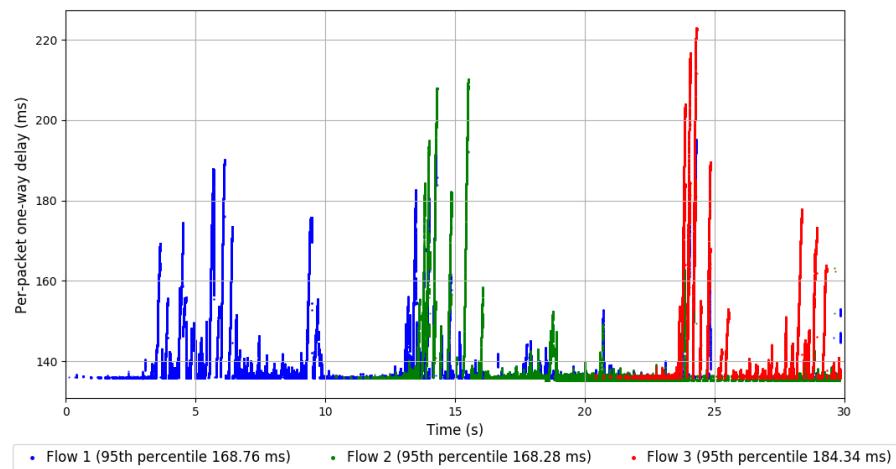
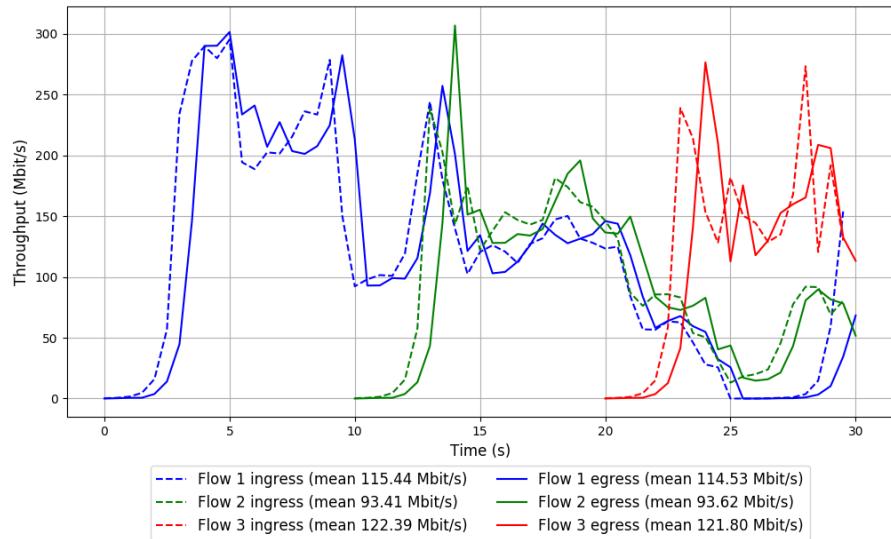


Run 9: Statistics of Copa

```
Start at: 2018-07-01 07:49:21
End at: 2018-07-01 07:49:51
Local clock offset: -0.001 ms
Remote clock offset: 0.059 ms

# Below is generated by plot.py at 2018-07-01 08:49:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 216.24 Mbit/s
95th percentile per-packet one-way delay: 172.017 ms
Loss rate: 1.82%
-- Flow 1:
Average throughput: 114.53 Mbit/s
95th percentile per-packet one-way delay: 168.759 ms
Loss rate: 1.69%
-- Flow 2:
Average throughput: 93.62 Mbit/s
95th percentile per-packet one-way delay: 168.282 ms
Loss rate: 1.15%
-- Flow 3:
Average throughput: 121.80 Mbit/s
95th percentile per-packet one-way delay: 184.344 ms
Loss rate: 3.21%
```

Run 9: Report of Copa — Data Link

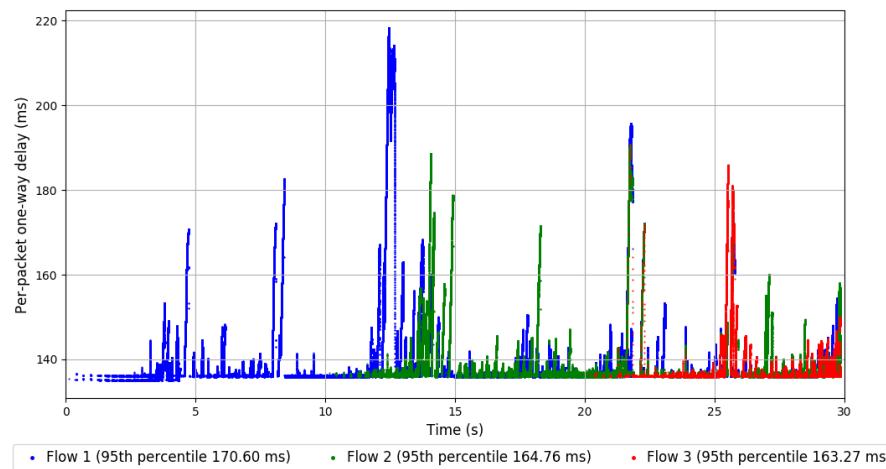
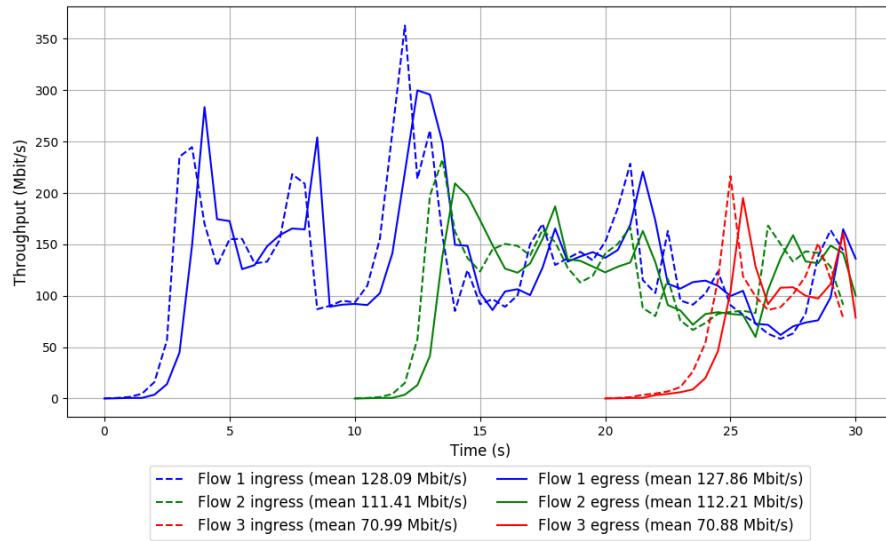


Run 10: Statistics of Copa

```
Start at: 2018-07-01 08:15:16
End at: 2018-07-01 08:15:46
Local clock offset: 0.169 ms
Remote clock offset: 0.023 ms

# Below is generated by plot.py at 2018-07-01 08:49:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 225.39 Mbit/s
95th percentile per-packet one-way delay: 168.738 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 127.86 Mbit/s
95th percentile per-packet one-way delay: 170.601 ms
Loss rate: 0.96%
-- Flow 2:
Average throughput: 112.21 Mbit/s
95th percentile per-packet one-way delay: 164.762 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 70.88 Mbit/s
95th percentile per-packet one-way delay: 163.268 ms
Loss rate: 1.90%
```

Run 10: Report of Copa — Data Link

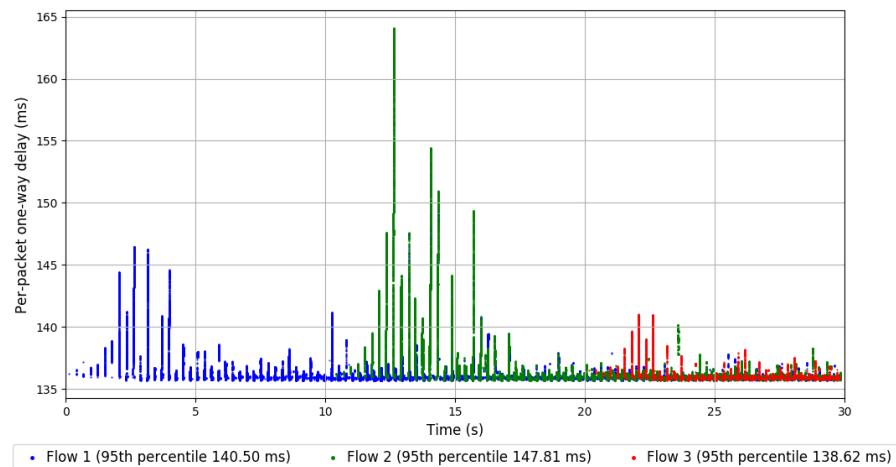
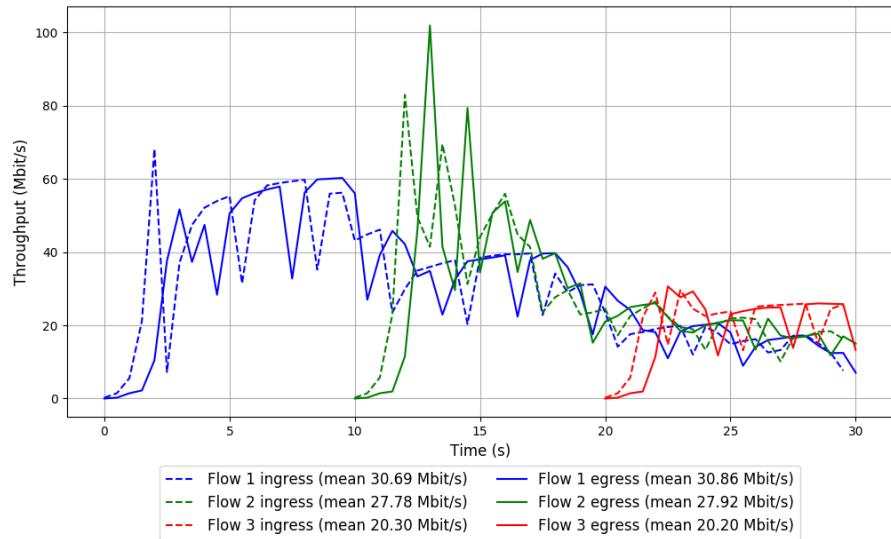


```
Run 1: Statistics of TCP Cubic

Start at: 2018-07-01 04:15:02
End at: 2018-07-01 04:15:32
Local clock offset: -0.033 ms
Remote clock offset: 0.085 ms

# Below is generated by plot.py at 2018-07-01 08:49:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 55.91 Mbit/s
95th percentile per-packet one-way delay: 143.354 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 30.86 Mbit/s
95th percentile per-packet one-way delay: 140.495 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 27.92 Mbit/s
95th percentile per-packet one-way delay: 147.814 ms
Loss rate: 0.86%
-- Flow 3:
Average throughput: 20.20 Mbit/s
95th percentile per-packet one-way delay: 138.615 ms
Loss rate: 3.24%
```

Run 1: Report of TCP Cubic — Data Link

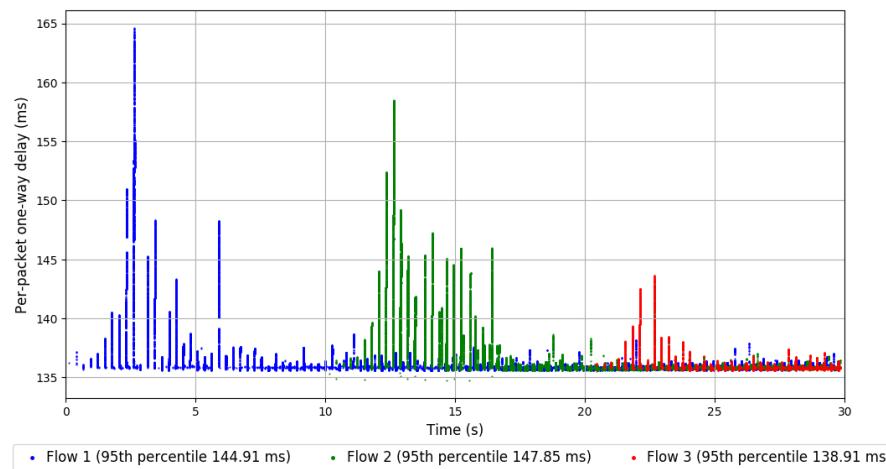
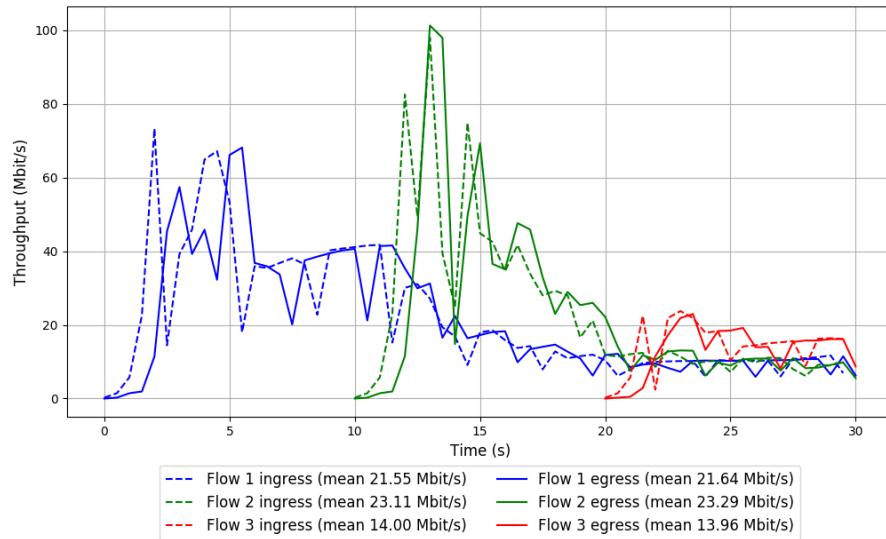


Run 2: Statistics of TCP Cubic

```
Start at: 2018-07-01 04:40:45
End at: 2018-07-01 04:41:15
Local clock offset: 0.073 ms
Remote clock offset: 0.498 ms

# Below is generated by plot.py at 2018-07-01 08:49:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.61 Mbit/s
95th percentile per-packet one-way delay: 145.878 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 21.64 Mbit/s
95th percentile per-packet one-way delay: 144.909 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 23.29 Mbit/s
95th percentile per-packet one-way delay: 147.846 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 13.96 Mbit/s
95th percentile per-packet one-way delay: 138.910 ms
Loss rate: 3.00%
```

Run 2: Report of TCP Cubic — Data Link

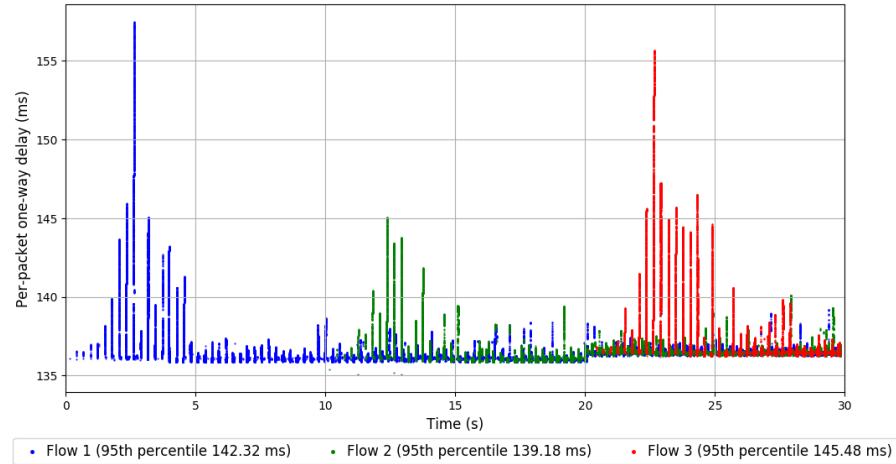
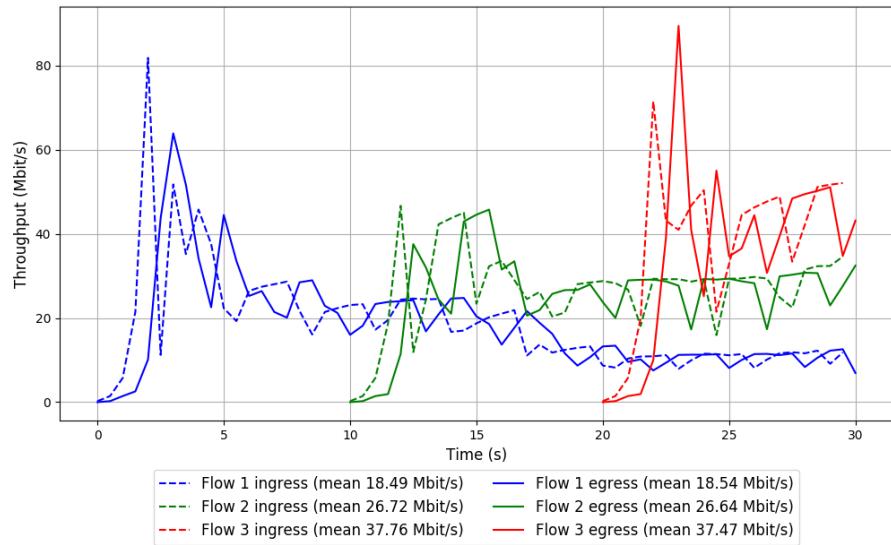


Run 3: Statistics of TCP Cubic

```
Start at: 2018-07-01 05:06:30
End at: 2018-07-01 05:07:00
Local clock offset: -0.27 ms
Remote clock offset: 0.057 ms

# Below is generated by plot.py at 2018-07-01 08:49:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.41 Mbit/s
95th percentile per-packet one-way delay: 142.938 ms
Loss rate: 1.74%
-- Flow 1:
Average throughput: 18.54 Mbit/s
95th percentile per-packet one-way delay: 142.320 ms
Loss rate: 0.63%
-- Flow 2:
Average throughput: 26.64 Mbit/s
95th percentile per-packet one-way delay: 139.178 ms
Loss rate: 1.65%
-- Flow 3:
Average throughput: 37.47 Mbit/s
95th percentile per-packet one-way delay: 145.480 ms
Loss rate: 3.48%
```

Run 3: Report of TCP Cubic — Data Link

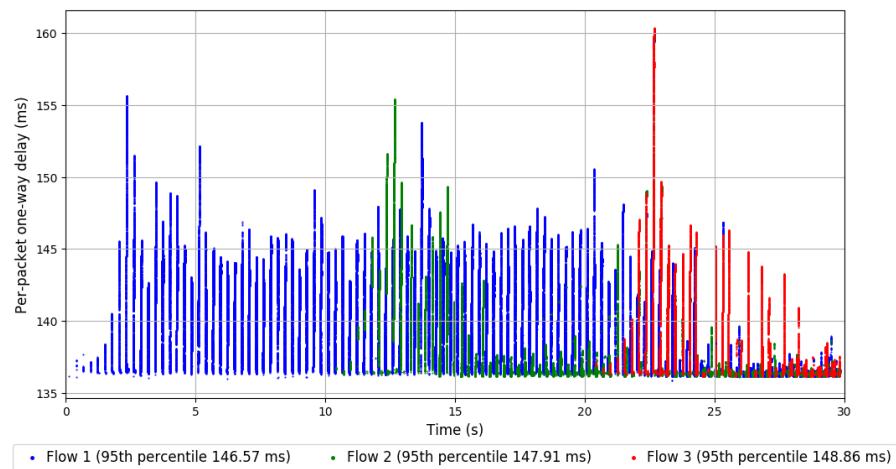
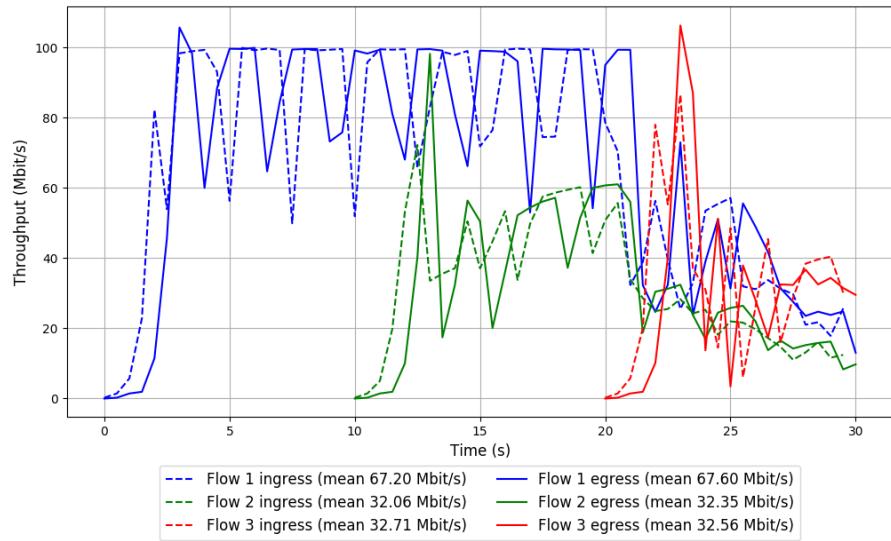


Run 4: Statistics of TCP Cubic

```
Start at: 2018-07-01 05:32:10
End at: 2018-07-01 05:32:40
Local clock offset: 0.116 ms
Remote clock offset: 0.088 ms

# Below is generated by plot.py at 2018-07-01 08:49:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 99.63 Mbit/s
95th percentile per-packet one-way delay: 146.852 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 67.60 Mbit/s
95th percentile per-packet one-way delay: 146.569 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 32.35 Mbit/s
95th percentile per-packet one-way delay: 147.911 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 32.56 Mbit/s
95th percentile per-packet one-way delay: 148.864 ms
Loss rate: 3.21%
```

Run 4: Report of TCP Cubic — Data Link

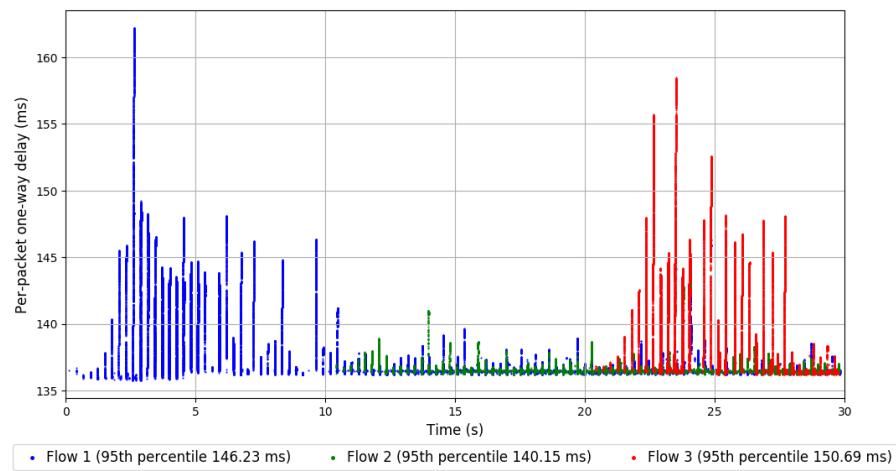
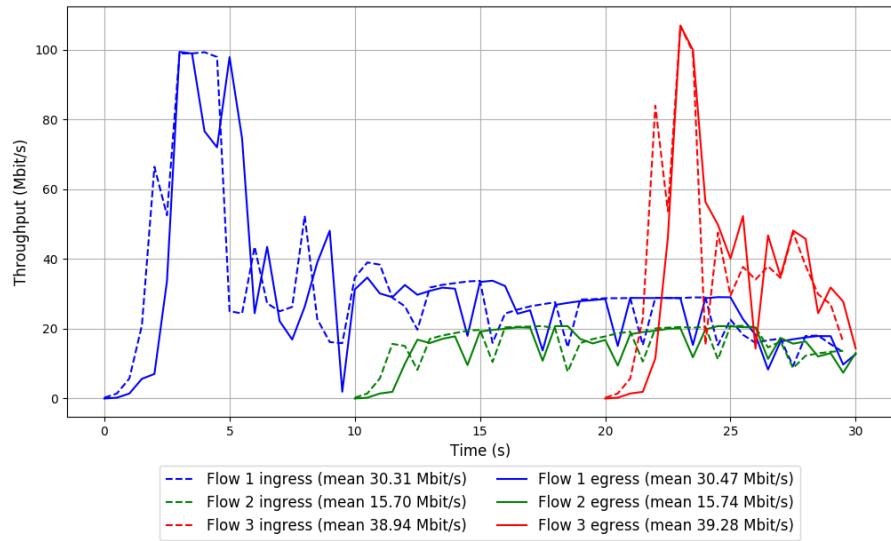


Run 5: Statistics of TCP Cubic

```
Start at: 2018-07-01 05:57:45
End at: 2018-07-01 05:58:15
Local clock offset: 0.179 ms
Remote clock offset: -0.294 ms

# Below is generated by plot.py at 2018-07-01 08:49:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 53.60 Mbit/s
95th percentile per-packet one-way delay: 146.663 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 30.47 Mbit/s
95th percentile per-packet one-way delay: 146.233 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 15.74 Mbit/s
95th percentile per-packet one-way delay: 140.149 ms
Loss rate: 1.13%
-- Flow 3:
Average throughput: 39.28 Mbit/s
95th percentile per-packet one-way delay: 150.689 ms
Loss rate: 1.91%
```

Run 5: Report of TCP Cubic — Data Link

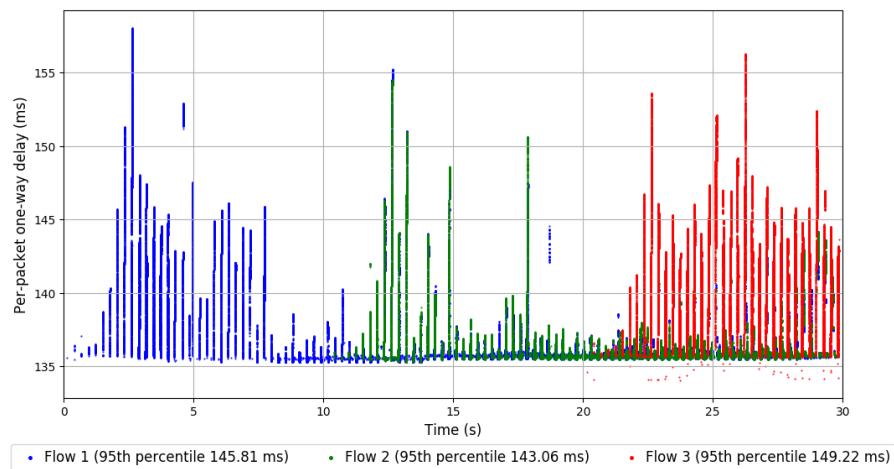
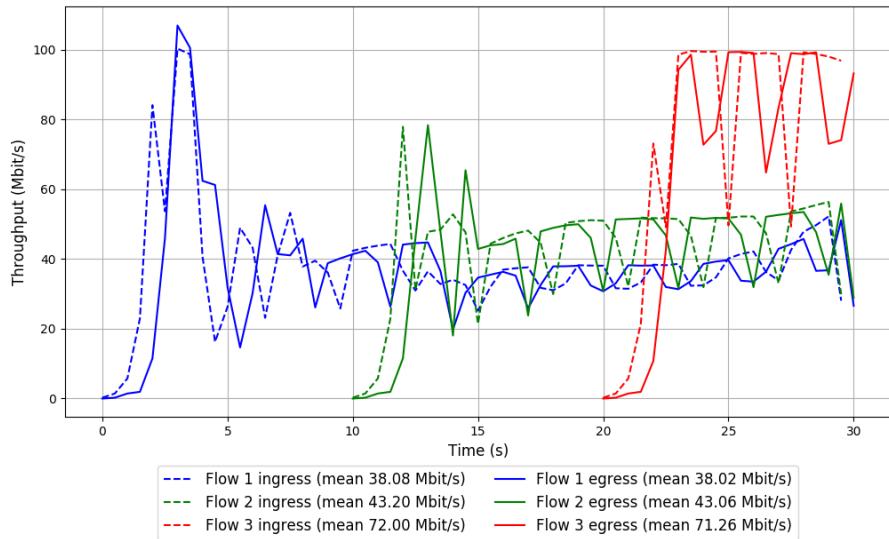


Run 6: Statistics of TCP Cubic

```
Start at: 2018-07-01 06:23:36
End at: 2018-07-01 06:24:06
Local clock offset: 0.044 ms
Remote clock offset: 0.428 ms

# Below is generated by plot.py at 2018-07-01 08:49:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.68 Mbit/s
95th percentile per-packet one-way delay: 146.530 ms
Loss rate: 2.02%
-- Flow 1:
Average throughput: 38.02 Mbit/s
95th percentile per-packet one-way delay: 145.814 ms
Loss rate: 1.20%
-- Flow 2:
Average throughput: 43.06 Mbit/s
95th percentile per-packet one-way delay: 143.062 ms
Loss rate: 1.68%
-- Flow 3:
Average throughput: 71.26 Mbit/s
95th percentile per-packet one-way delay: 149.220 ms
Loss rate: 3.72%
```

Run 6: Report of TCP Cubic — Data Link

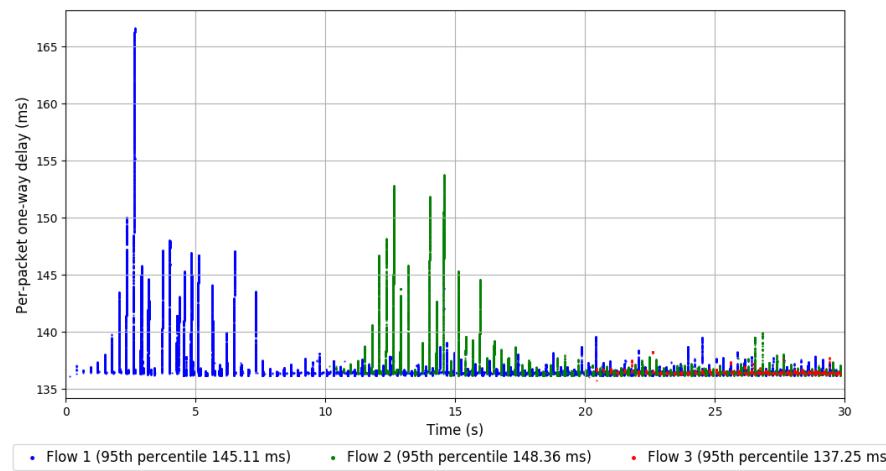
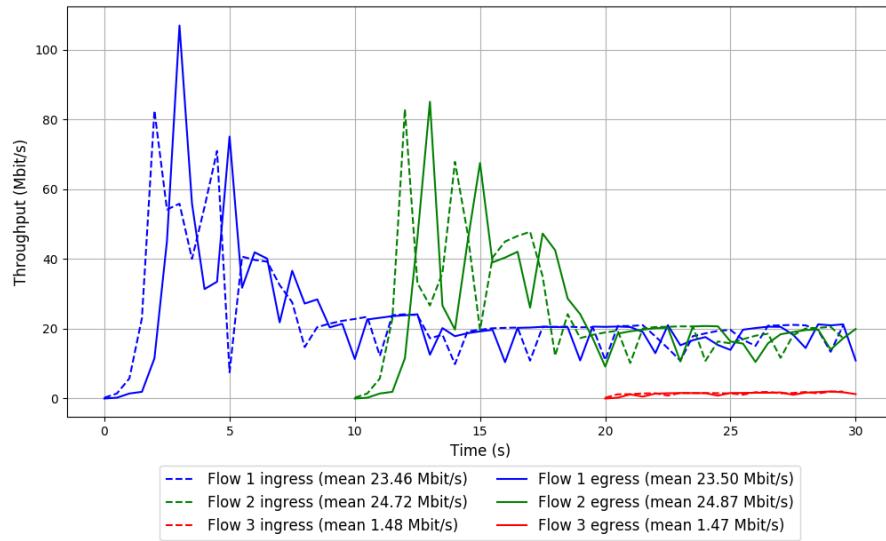


Run 7: Statistics of TCP Cubic

```
Start at: 2018-07-01 06:49:40
End at: 2018-07-01 06:50:10
Local clock offset: 0.186 ms
Remote clock offset: -0.417 ms

# Below is generated by plot.py at 2018-07-01 08:49:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 40.45 Mbit/s
95th percentile per-packet one-way delay: 146.226 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 23.50 Mbit/s
95th percentile per-packet one-way delay: 145.106 ms
Loss rate: 0.77%
-- Flow 2:
Average throughput: 24.87 Mbit/s
95th percentile per-packet one-way delay: 148.359 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 137.252 ms
Loss rate: 3.66%
```

Run 7: Report of TCP Cubic — Data Link

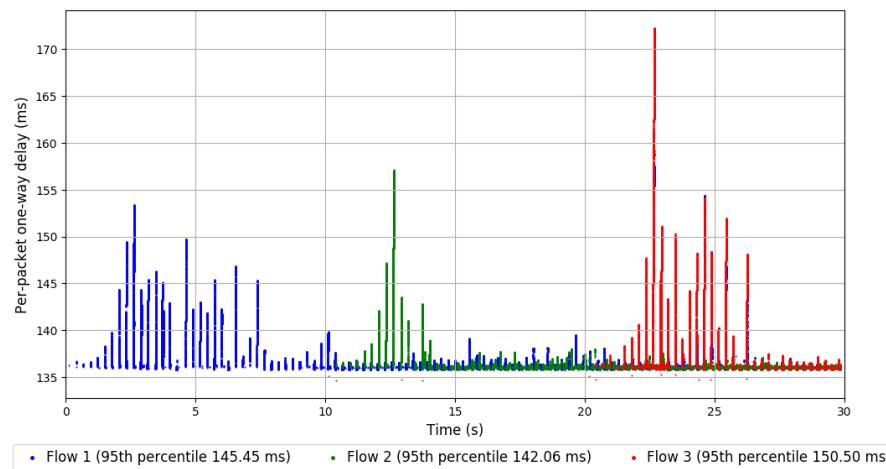
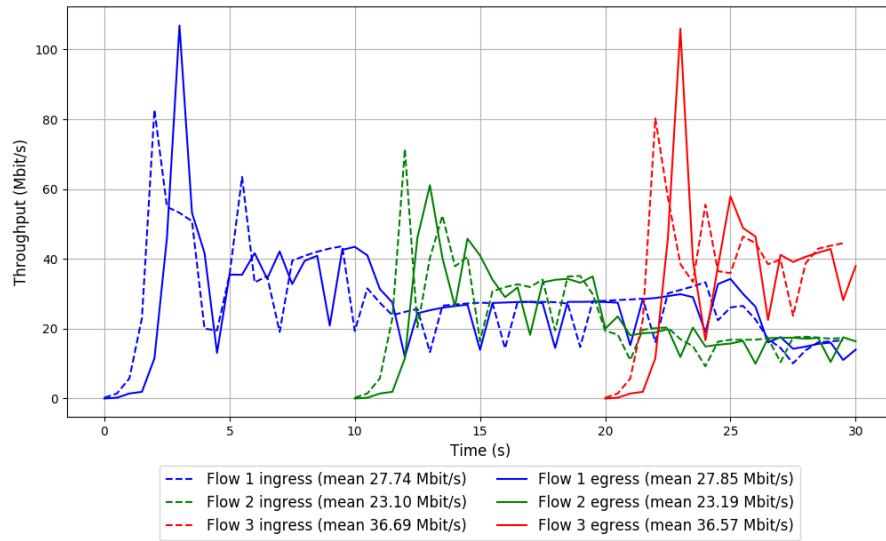


Run 8: Statistics of TCP Cubic

```
Start at: 2018-07-01 07:15:11
End at: 2018-07-01 07:15:41
Local clock offset: 0.115 ms
Remote clock offset: 0.289 ms

# Below is generated by plot.py at 2018-07-01 08:49:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 55.13 Mbit/s
95th percentile per-packet one-way delay: 146.565 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 27.85 Mbit/s
95th percentile per-packet one-way delay: 145.447 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 23.19 Mbit/s
95th percentile per-packet one-way delay: 142.057 ms
Loss rate: 0.98%
-- Flow 3:
Average throughput: 36.57 Mbit/s
95th percentile per-packet one-way delay: 150.495 ms
Loss rate: 3.06%
```

Run 8: Report of TCP Cubic — Data Link

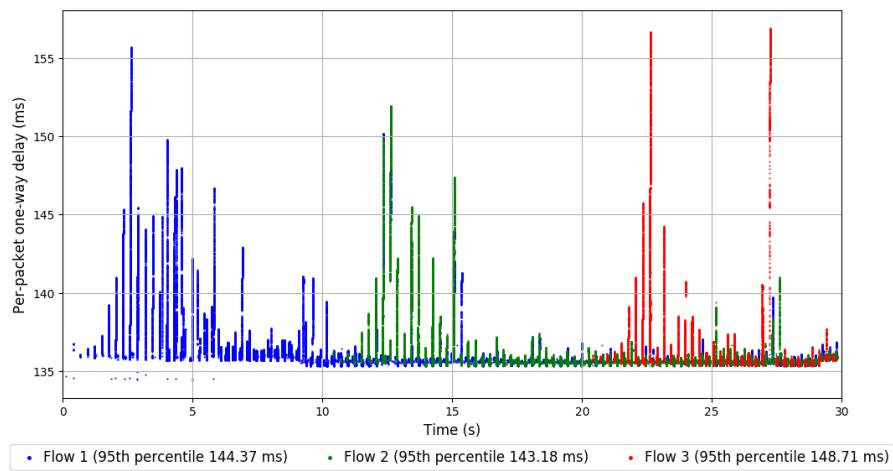
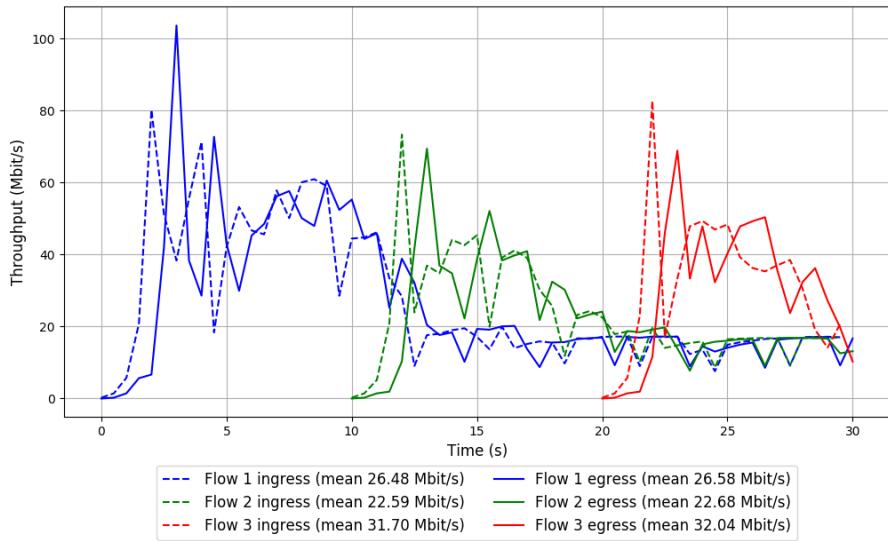


Run 9: Statistics of TCP Cubic

```
Start at: 2018-07-01 07:41:11
End at: 2018-07-01 07:41:41
Local clock offset: -0.107 ms
Remote clock offset: 0.429 ms

# Below is generated by plot.py at 2018-07-01 08:49:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 51.98 Mbit/s
95th percentile per-packet one-way delay: 144.396 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 26.58 Mbit/s
95th percentile per-packet one-way delay: 144.365 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 22.68 Mbit/s
95th percentile per-packet one-way delay: 143.180 ms
Loss rate: 0.97%
-- Flow 3:
Average throughput: 32.04 Mbit/s
95th percentile per-packet one-way delay: 148.706 ms
Loss rate: 1.70%
```

Run 9: Report of TCP Cubic — Data Link

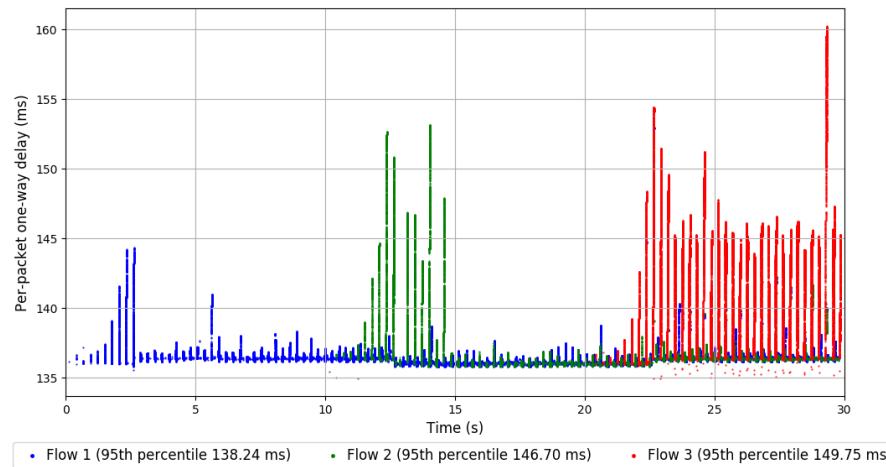
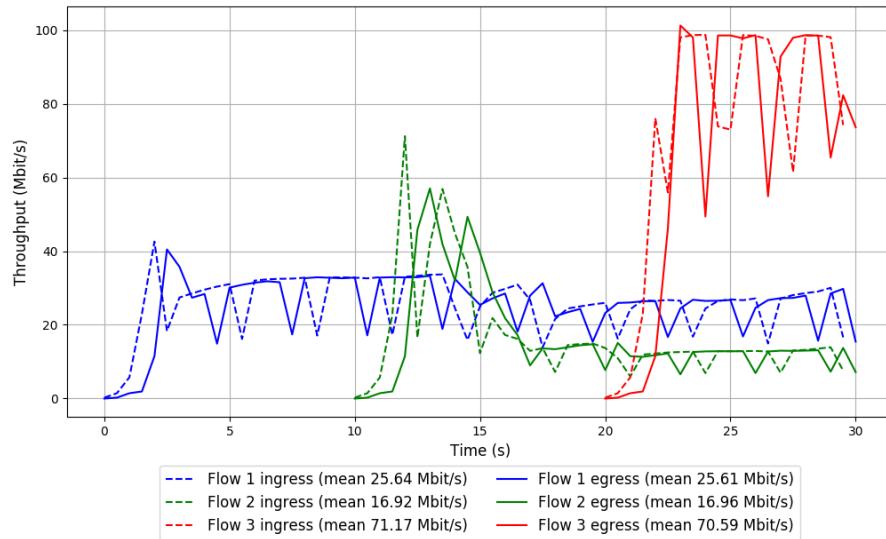


Run 10: Statistics of TCP Cubic

```
Start at: 2018-07-01 08:06:57
End at: 2018-07-01 08:07:27
Local clock offset: 0.063 ms
Remote clock offset: 0.077 ms

# Below is generated by plot.py at 2018-07-01 08:49:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 59.86 Mbit/s
95th percentile per-packet one-way delay: 146.872 ms
Loss rate: 2.00%
-- Flow 1:
Average throughput: 25.61 Mbit/s
95th percentile per-packet one-way delay: 138.244 ms
Loss rate: 1.02%
-- Flow 2:
Average throughput: 16.96 Mbit/s
95th percentile per-packet one-way delay: 146.698 ms
Loss rate: 1.08%
-- Flow 3:
Average throughput: 70.59 Mbit/s
95th percentile per-packet one-way delay: 149.749 ms
Loss rate: 3.49%
```

Run 10: Report of TCP Cubic — Data Link

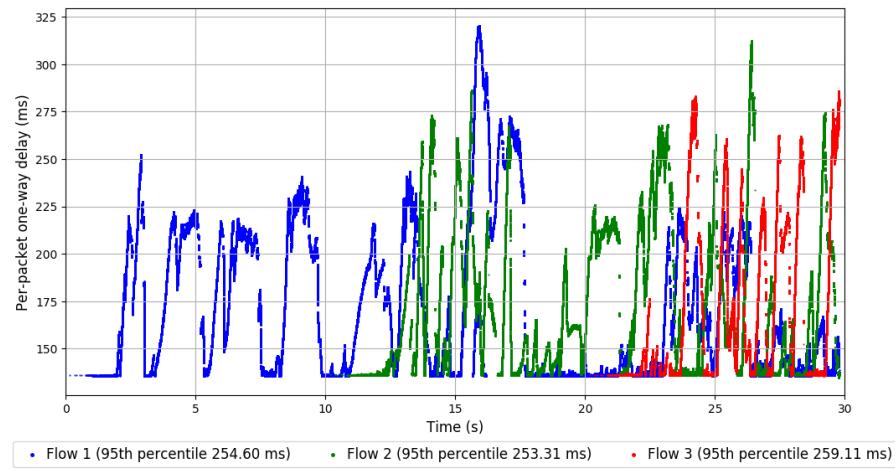
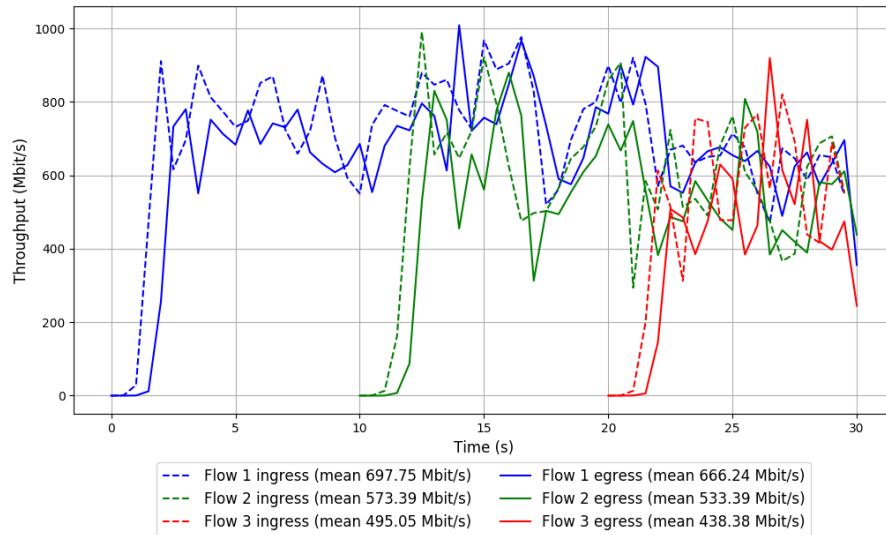


```
Run 1: Statistics of FillP

Start at: 2018-07-01 04:04:11
End at: 2018-07-01 04:04:41
Local clock offset: 0.512 ms
Remote clock offset: 0.141 ms

# Below is generated by plot.py at 2018-07-01 09:12:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1160.68 Mbit/s
95th percentile per-packet one-way delay: 255.325 ms
Loss rate: 7.38%
-- Flow 1:
Average throughput: 666.24 Mbit/s
95th percentile per-packet one-way delay: 254.603 ms
Loss rate: 5.37%
-- Flow 2:
Average throughput: 533.39 Mbit/s
95th percentile per-packet one-way delay: 253.311 ms
Loss rate: 8.26%
-- Flow 3:
Average throughput: 438.38 Mbit/s
95th percentile per-packet one-way delay: 259.107 ms
Loss rate: 13.90%
```

Run 1: Report of FillP — Data Link

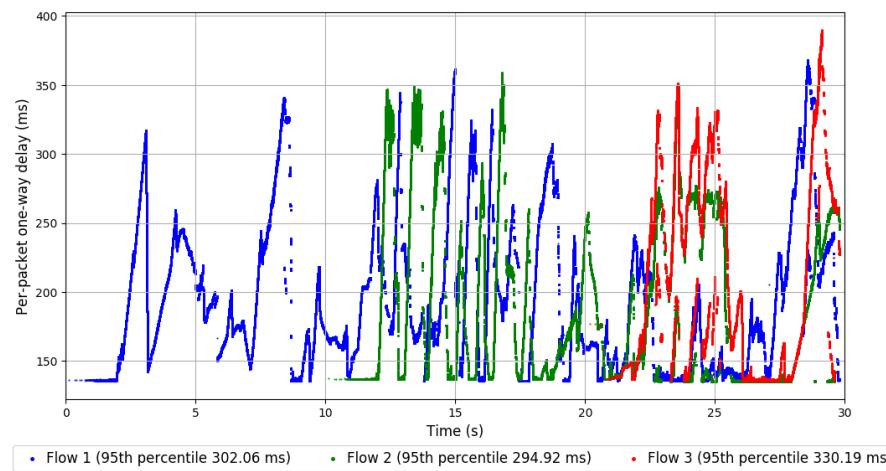
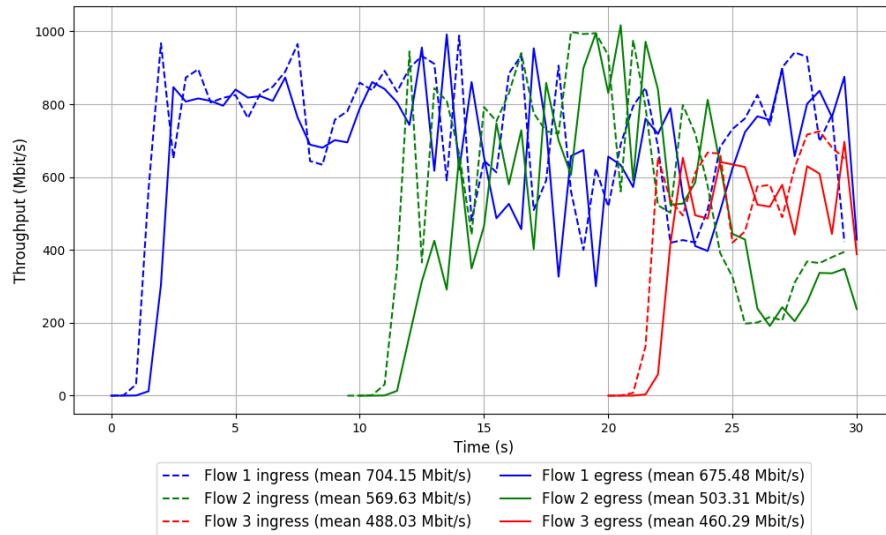


Run 2: Statistics of FillP

```
Start at: 2018-07-01 04:29:38
End at: 2018-07-01 04:30:08
Local clock offset: 0.108 ms
Remote clock offset: -0.291 ms

# Below is generated by plot.py at 2018-07-01 09:12:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1158.23 Mbit/s
95th percentile per-packet one-way delay: 310.924 ms
Loss rate: 7.84%
-- Flow 1:
Average throughput: 675.48 Mbit/s
95th percentile per-packet one-way delay: 302.061 ms
Loss rate: 4.95%
-- Flow 2:
Average throughput: 503.31 Mbit/s
95th percentile per-packet one-way delay: 294.923 ms
Loss rate: 12.85%
-- Flow 3:
Average throughput: 460.29 Mbit/s
95th percentile per-packet one-way delay: 330.185 ms
Loss rate: 8.65%
```

Run 2: Report of FillP — Data Link

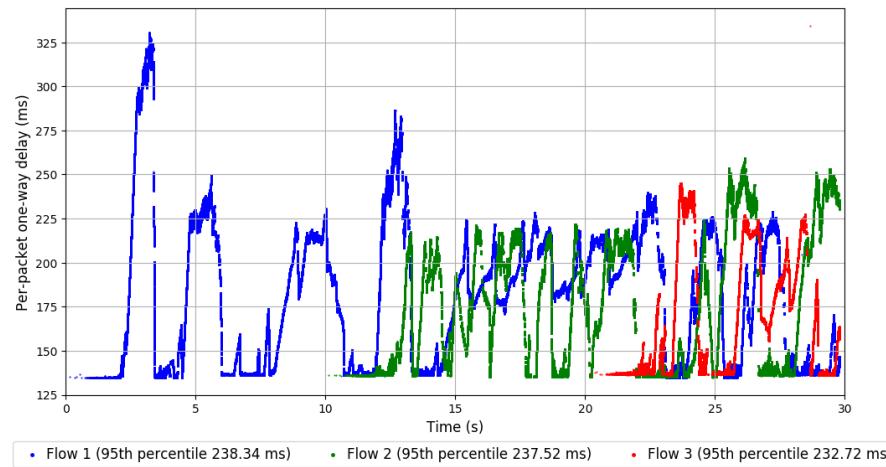
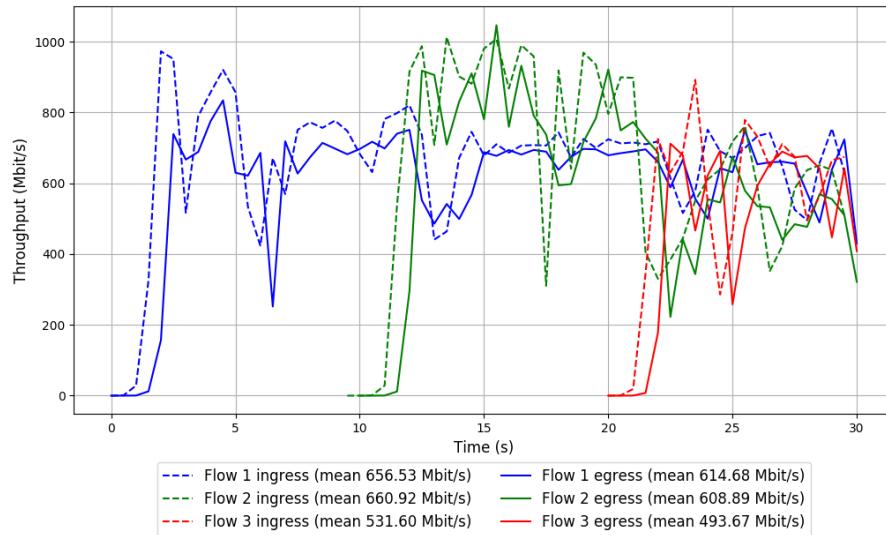


Run 3: Statistics of FillP

```
Start at: 2018-07-01 04:55:14
End at: 2018-07-01 04:55:44
Local clock offset: -0.107 ms
Remote clock offset: 0.032 ms

# Below is generated by plot.py at 2018-07-01 09:13:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1178.75 Mbit/s
95th percentile per-packet one-way delay: 236.655 ms
Loss rate: 8.23%
-- Flow 1:
Average throughput: 614.68 Mbit/s
95th percentile per-packet one-way delay: 238.340 ms
Loss rate: 7.22%
-- Flow 2:
Average throughput: 608.89 Mbit/s
95th percentile per-packet one-way delay: 237.519 ms
Loss rate: 9.14%
-- Flow 3:
Average throughput: 493.67 Mbit/s
95th percentile per-packet one-way delay: 232.720 ms
Loss rate: 9.70%
```

Run 3: Report of FillP — Data Link

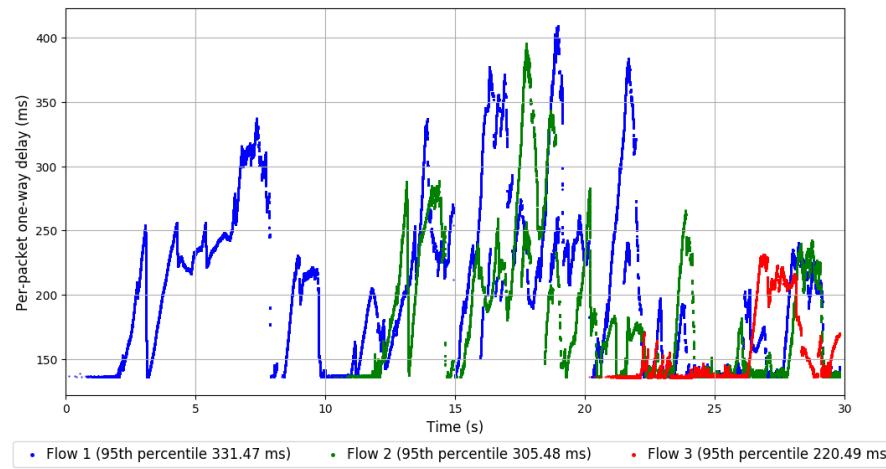
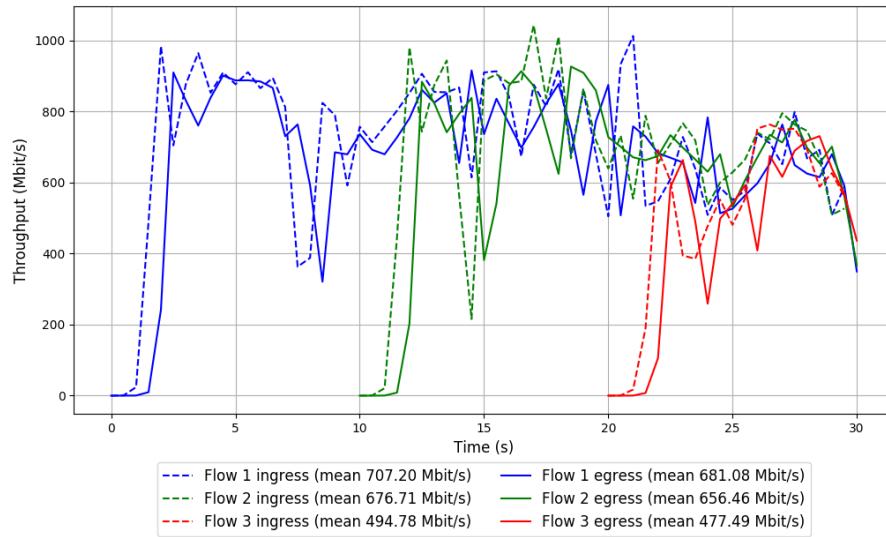


Run 4: Statistics of FillP

```
Start at: 2018-07-01 05:21:16
End at: 2018-07-01 05:21:46
Local clock offset: 0.003 ms
Remote clock offset: 0.119 ms

# Below is generated by plot.py at 2018-07-01 09:16:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1271.15 Mbit/s
95th percentile per-packet one-way delay: 318.295 ms
Loss rate: 4.66%
-- Flow 1:
Average throughput: 681.08 Mbit/s
95th percentile per-packet one-way delay: 331.471 ms
Loss rate: 4.56%
-- Flow 2:
Average throughput: 656.46 Mbit/s
95th percentile per-packet one-way delay: 305.476 ms
Loss rate: 4.26%
-- Flow 3:
Average throughput: 477.49 Mbit/s
95th percentile per-packet one-way delay: 220.487 ms
Loss rate: 6.17%
```

Run 4: Report of FillP — Data Link

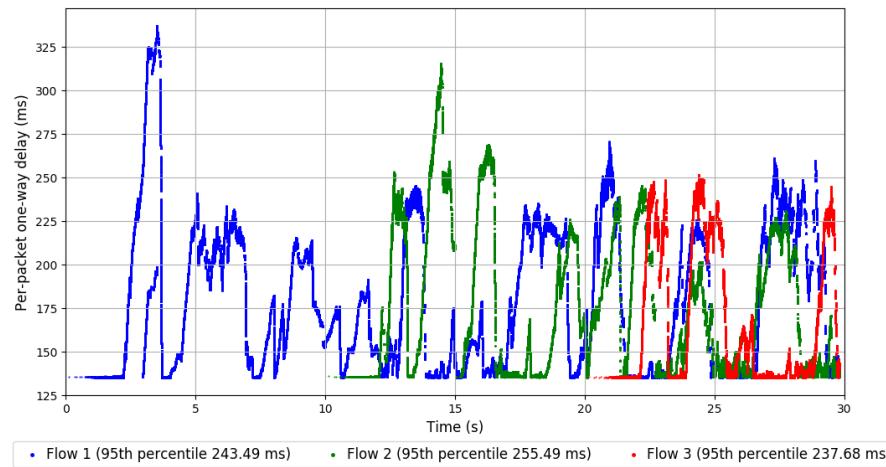
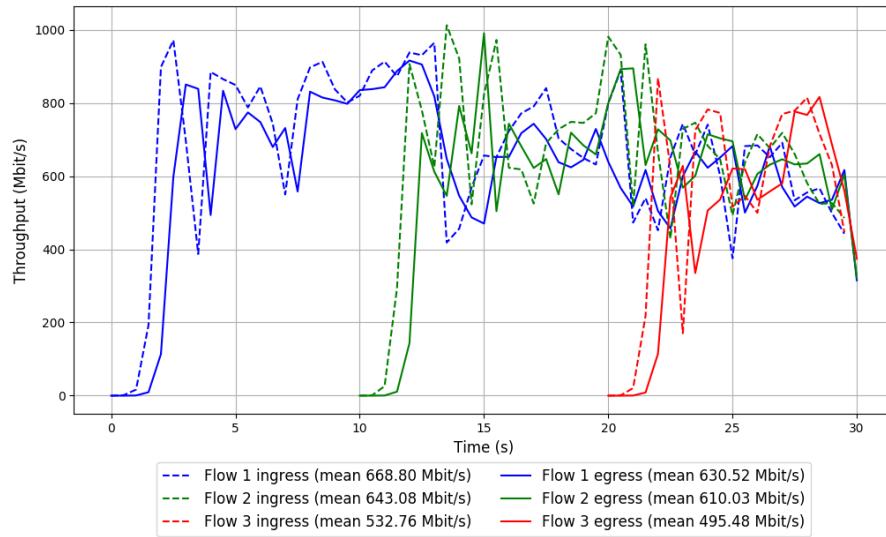


Run 5: Statistics of FillP

```
Start at: 2018-07-01 05:46:53
End at: 2018-07-01 05:47:23
Local clock offset: 0.101 ms
Remote clock offset: 0.474 ms

# Below is generated by plot.py at 2018-07-01 09:16:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1196.09 Mbit/s
95th percentile per-packet one-way delay: 246.860 ms
Loss rate: 6.95%
-- Flow 1:
Average throughput: 630.52 Mbit/s
95th percentile per-packet one-way delay: 243.485 ms
Loss rate: 6.58%
-- Flow 2:
Average throughput: 610.03 Mbit/s
95th percentile per-packet one-way delay: 255.492 ms
Loss rate: 6.44%
-- Flow 3:
Average throughput: 495.48 Mbit/s
95th percentile per-packet one-way delay: 237.682 ms
Loss rate: 9.60%
```

Run 5: Report of FillP — Data Link

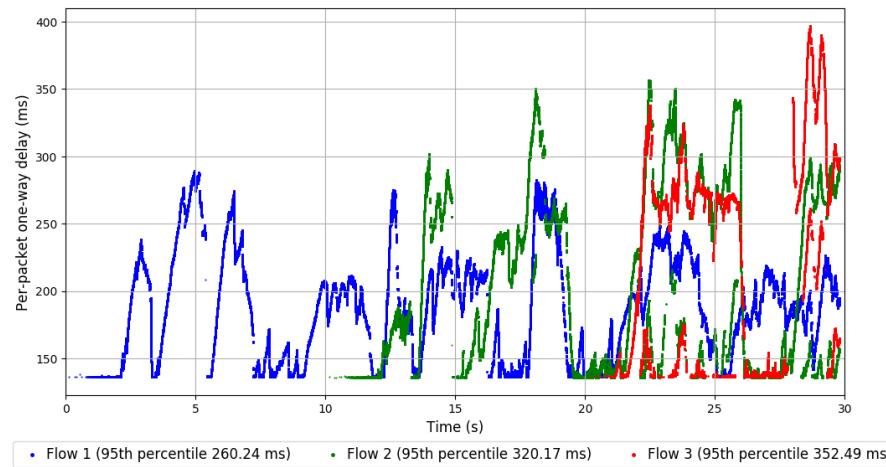
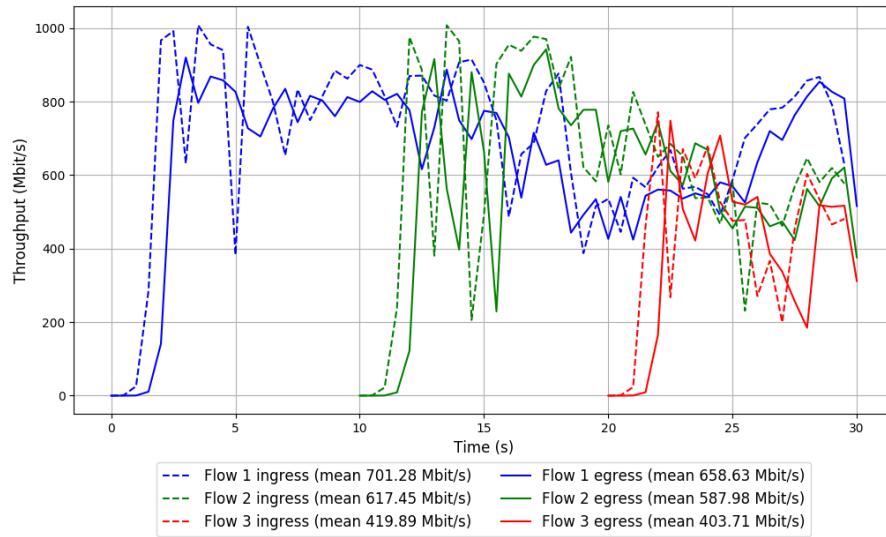


Run 6: Statistics of FillP

```
Start at: 2018-07-01 06:12:23
End at: 2018-07-01 06:12:53
Local clock offset: 0.184 ms
Remote clock offset: 0.052 ms

# Below is generated by plot.py at 2018-07-01 09:16:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1179.35 Mbit/s
95th percentile per-packet one-way delay: 299.859 ms
Loss rate: 6.61%
-- Flow 1:
Average throughput: 658.63 Mbit/s
95th percentile per-packet one-way delay: 260.242 ms
Loss rate: 6.94%
-- Flow 2:
Average throughput: 587.98 Mbit/s
95th percentile per-packet one-way delay: 320.172 ms
Loss rate: 6.06%
-- Flow 3:
Average throughput: 403.71 Mbit/s
95th percentile per-packet one-way delay: 352.485 ms
Loss rate: 6.51%
```

Run 6: Report of FillP — Data Link

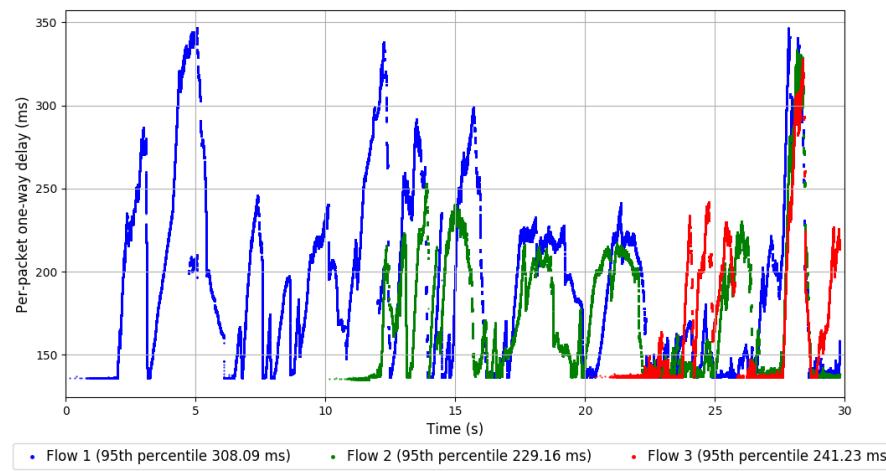
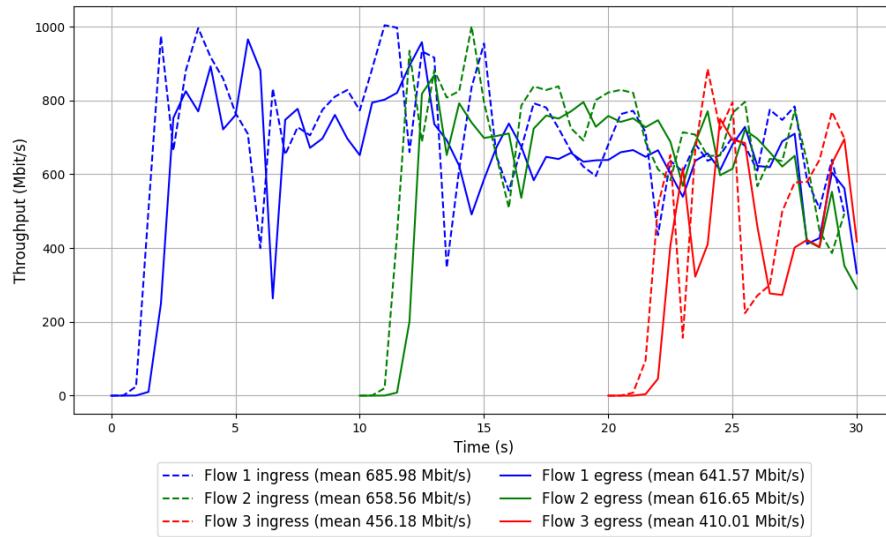


Run 7: Statistics of FillP

```
Start at: 2018-07-01 06:38:28
End at: 2018-07-01 06:38:58
Local clock offset: 0.079 ms
Remote clock offset: -0.376 ms

# Below is generated by plot.py at 2018-07-01 09:17:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1183.58 Mbit/s
95th percentile per-packet one-way delay: 285.707 ms
Loss rate: 8.05%
-- Flow 1:
Average throughput: 641.57 Mbit/s
95th percentile per-packet one-way delay: 308.093 ms
Loss rate: 7.32%
-- Flow 2:
Average throughput: 616.65 Mbit/s
95th percentile per-packet one-way delay: 229.159 ms
Loss rate: 7.63%
-- Flow 3:
Average throughput: 410.01 Mbit/s
95th percentile per-packet one-way delay: 241.226 ms
Loss rate: 12.59%
```

Run 7: Report of FillP — Data Link

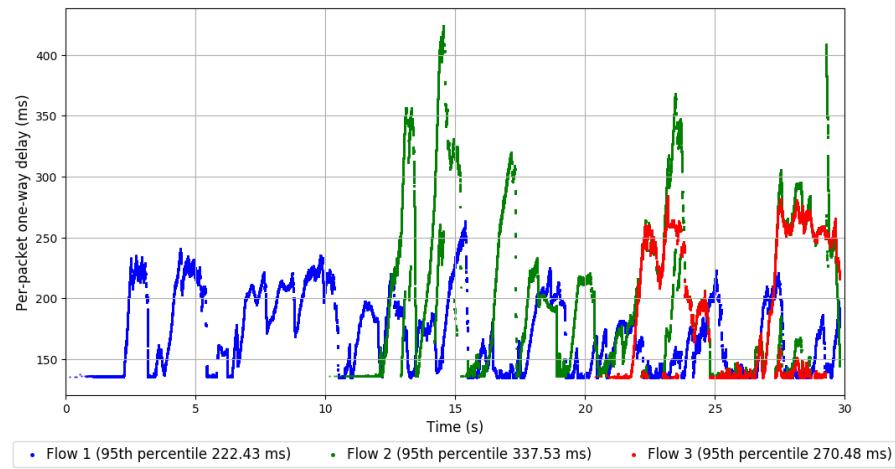
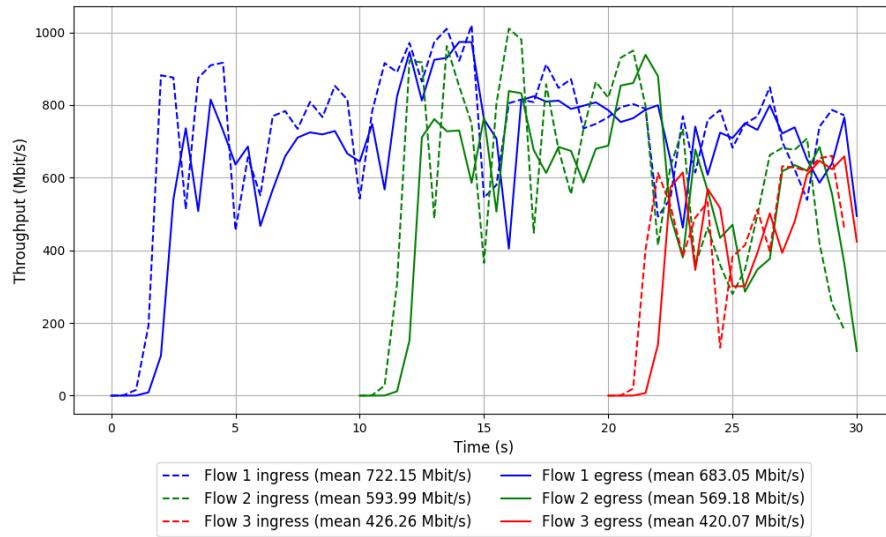


Run 8: Statistics of FillP

```
Start at: 2018-07-01 07:04:09
End at: 2018-07-01 07:04:39
Local clock offset: 0.291 ms
Remote clock offset: -0.007 ms

# Below is generated by plot.py at 2018-07-01 09:18:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1196.67 Mbit/s
95th percentile per-packet one-way delay: 286.609 ms
Loss rate: 5.79%
-- Flow 1:
Average throughput: 683.05 Mbit/s
95th percentile per-packet one-way delay: 222.428 ms
Loss rate: 6.27%
-- Flow 2:
Average throughput: 569.18 Mbit/s
95th percentile per-packet one-way delay: 337.530 ms
Loss rate: 5.49%
-- Flow 3:
Average throughput: 420.07 Mbit/s
95th percentile per-packet one-way delay: 270.479 ms
Loss rate: 4.20%
```

Run 8: Report of FillP — Data Link

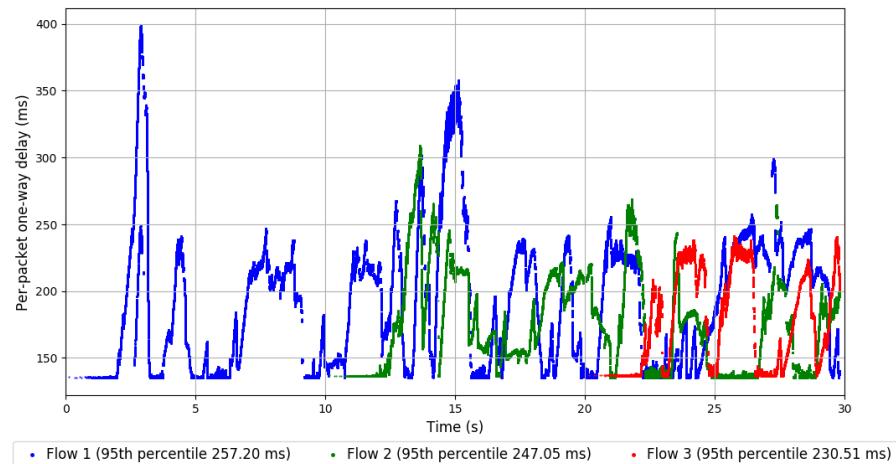
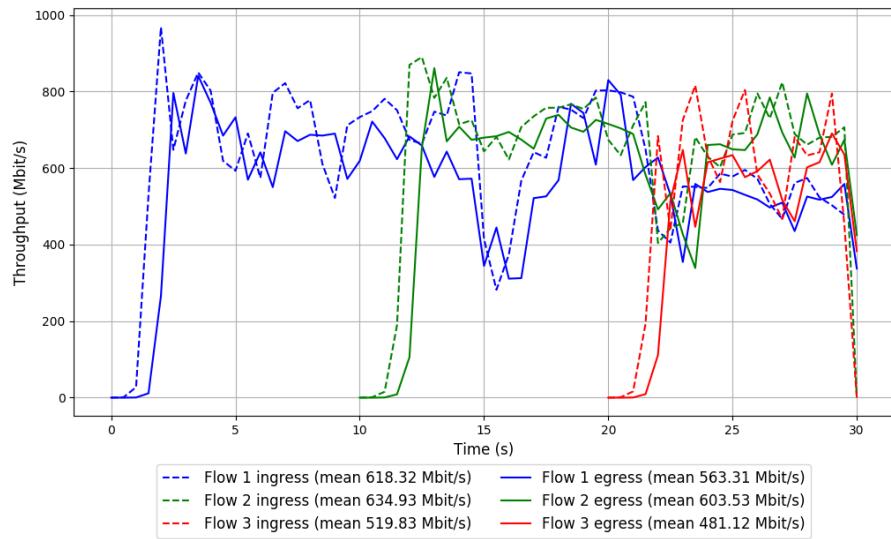


Run 9: Statistics of FillP

```
Start at: 2018-07-01 07:29:51
End at: 2018-07-01 07:30:21
Local clock offset: 0.065 ms
Remote clock offset: -0.38 ms

# Below is generated by plot.py at 2018-07-01 09:40:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1119.82 Mbit/s
95th percentile per-packet one-way delay: 246.677 ms
Loss rate: 8.68%
-- Flow 1:
Average throughput: 563.31 Mbit/s
95th percentile per-packet one-way delay: 257.196 ms
Loss rate: 9.70%
-- Flow 2:
Average throughput: 603.53 Mbit/s
95th percentile per-packet one-way delay: 247.046 ms
Loss rate: 6.48%
-- Flow 3:
Average throughput: 481.12 Mbit/s
95th percentile per-packet one-way delay: 230.509 ms
Loss rate: 10.45%
```

Run 9: Report of FillP — Data Link

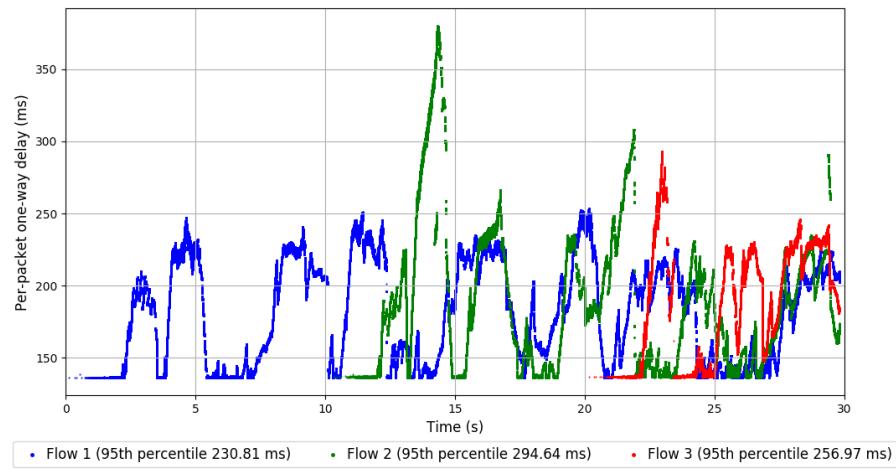
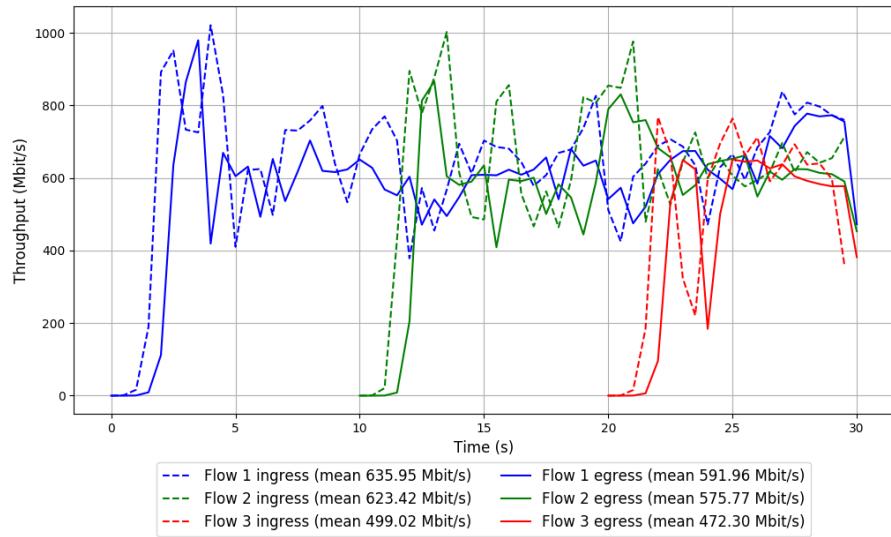


Run 10: Statistics of FillP

```
Start at: 2018-07-01 07:55:49
End at: 2018-07-01 07:56:19
Local clock offset: 0.008 ms
Remote clock offset: 0.172 ms

# Below is generated by plot.py at 2018-07-01 09:41:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1127.12 Mbit/s
95th percentile per-packet one-way delay: 244.939 ms
Loss rate: 8.00%
-- Flow 1:
Average throughput: 591.96 Mbit/s
95th percentile per-packet one-way delay: 230.806 ms
Loss rate: 7.77%
-- Flow 2:
Average throughput: 575.77 Mbit/s
95th percentile per-packet one-way delay: 294.641 ms
Loss rate: 8.91%
-- Flow 3:
Average throughput: 472.30 Mbit/s
95th percentile per-packet one-way delay: 256.972 ms
Loss rate: 6.61%
```

Run 10: Report of FillP — Data Link

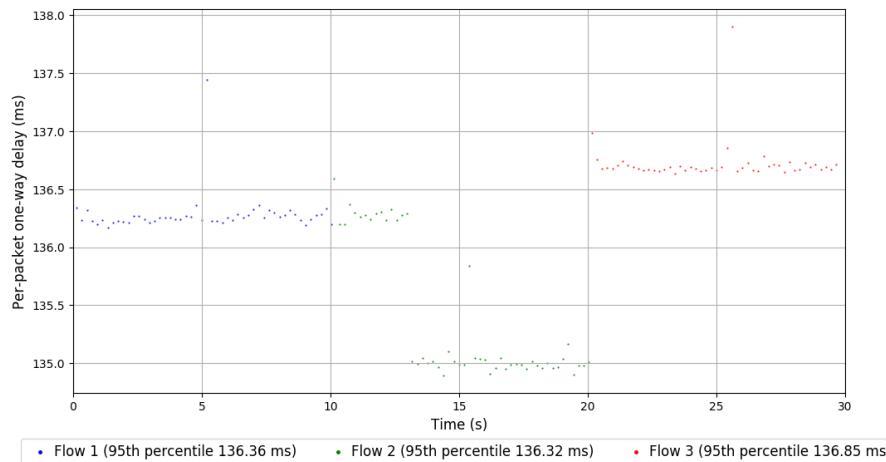
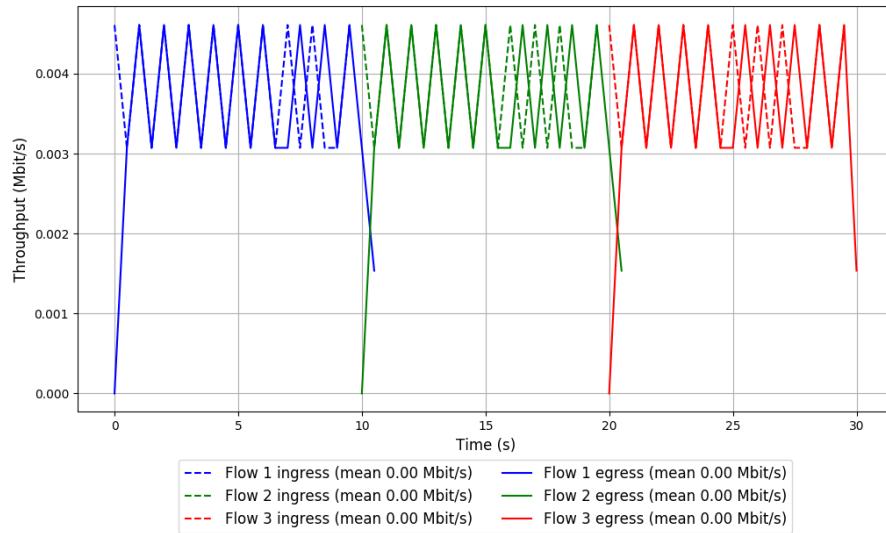


```
Run 1: Statistics of FillP-Sheep
```

```
Start at: 2018-07-01 04:17:37
End at: 2018-07-01 04:18:07
Local clock offset: 0.266 ms
Remote clock offset: 0.09 ms

# Below is generated by plot.py at 2018-07-01 09:41:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.732 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.360 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.324 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.855 ms
Loss rate: 4.00%
```

Run 1: Report of FillP-Sheep — Data Link

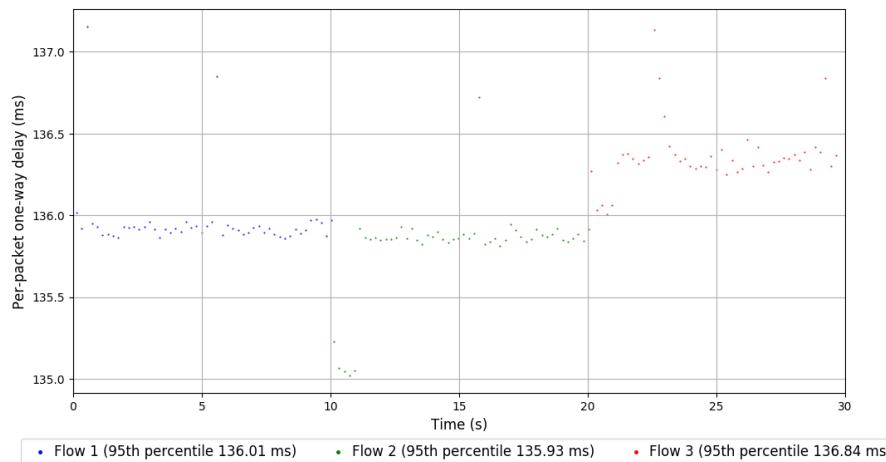
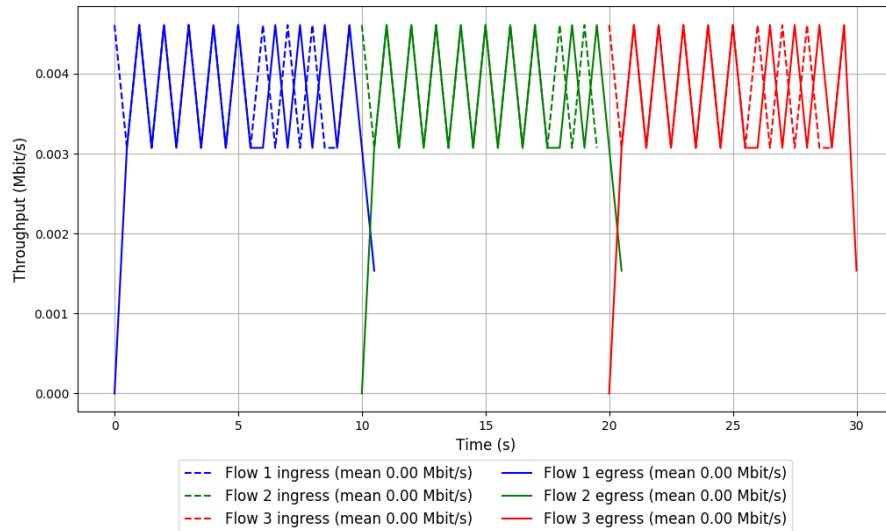


Run 2: Statistics of FillP-Sheep

```
Start at: 2018-07-01 04:43:19
End at: 2018-07-01 04:43:49
Local clock offset: -0.182 ms
Remote clock offset: 0.065 ms

# Below is generated by plot.py at 2018-07-01 09:41:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.461 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.015 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 135.929 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.840 ms
Loss rate: 4.00%
```

Run 2: Report of FillP-Sheep — Data Link

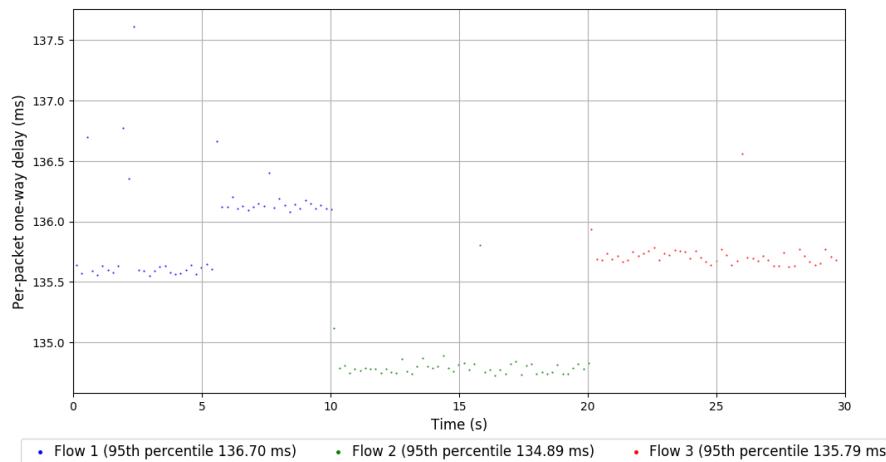
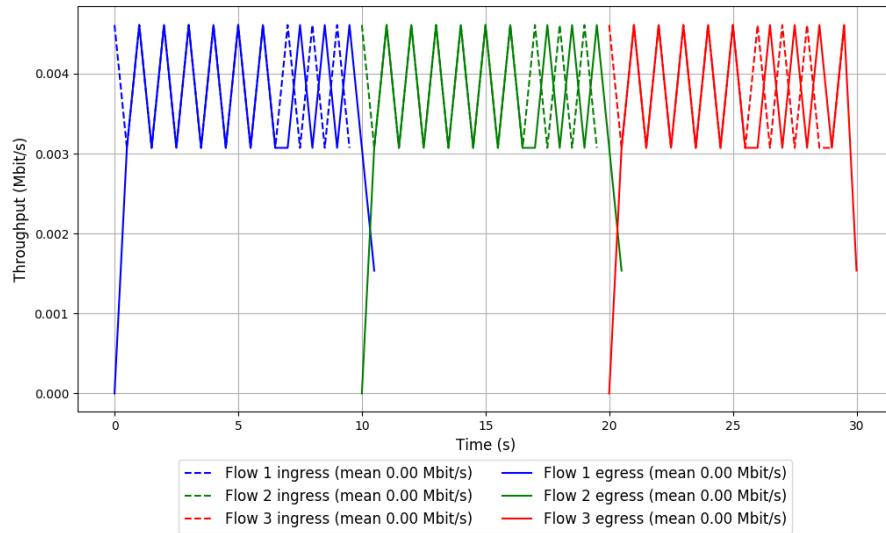


Run 3: Statistics of FillP-Sheep

```
Start at: 2018-07-01 05:09:04
End at: 2018-07-01 05:09:34
Local clock offset: -0.217 ms
Remote clock offset: 0.411 ms

# Below is generated by plot.py at 2018-07-01 09:41:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.205 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.700 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 134.891 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 135.786 ms
Loss rate: 4.00%
```

Run 3: Report of FillP-Sheep — Data Link

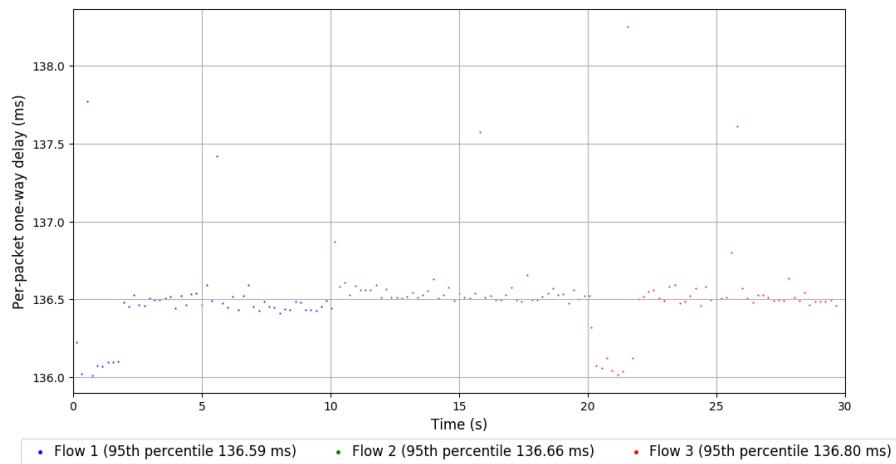
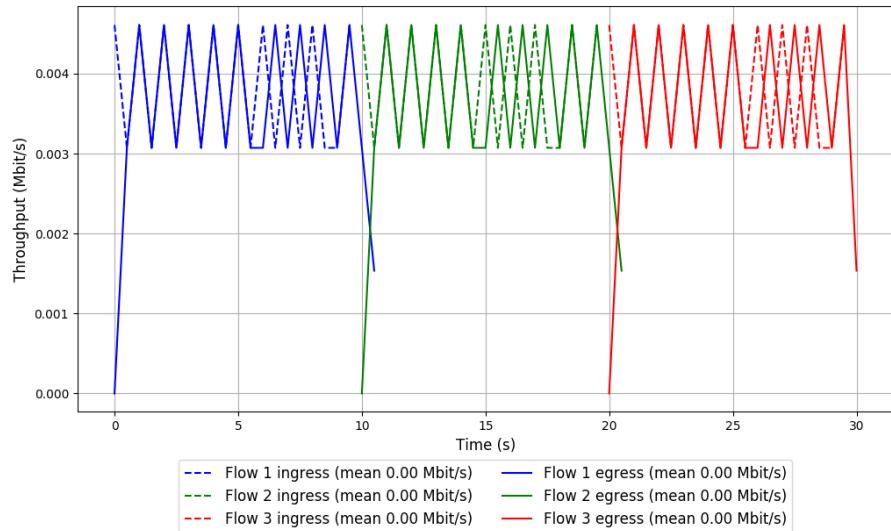


Run 4: Statistics of FillP-Sheep

```
Start at: 2018-07-01 05:34:48
End at: 2018-07-01 05:35:18
Local clock offset: 0.315 ms
Remote clock offset: 0.093 ms

# Below is generated by plot.py at 2018-07-01 09:41:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.658 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.591 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.658 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.803 ms
Loss rate: 4.00%
```

Run 4: Report of FillP-Sheep — Data Link

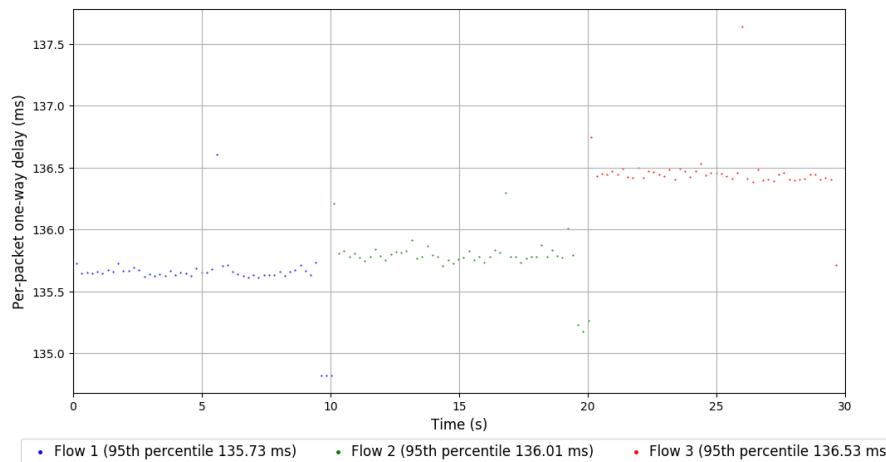
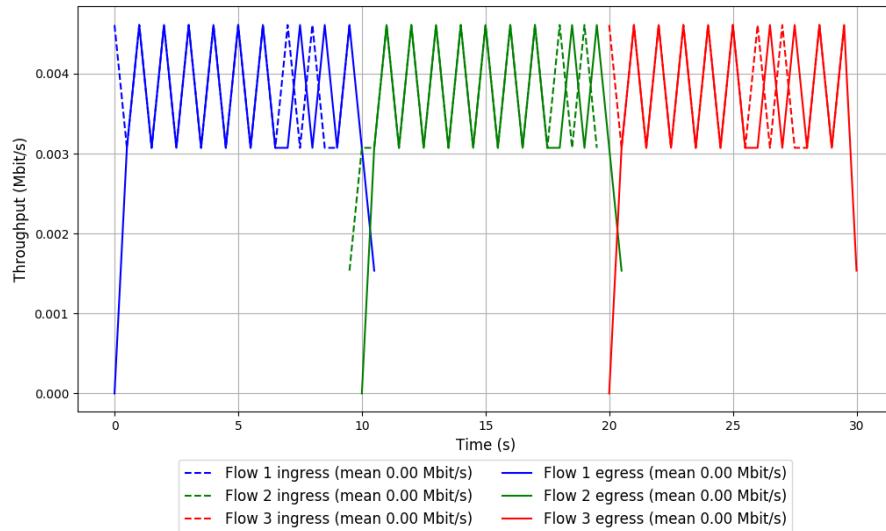


Run 5: Statistics of FillP-Sheep

```
Start at: 2018-07-01 06:00:20
End at: 2018-07-01 06:00:50
Local clock offset: -0.052 ms
Remote clock offset: 0.105 ms

# Below is generated by plot.py at 2018-07-01 09:41:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.485 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 135.730 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.008 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.532 ms
Loss rate: 4.00%
```

Run 5: Report of FillP-Sheep — Data Link

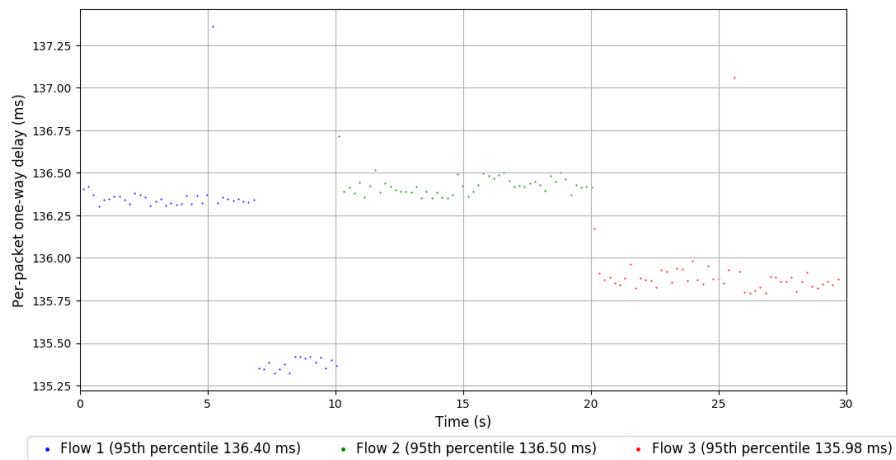
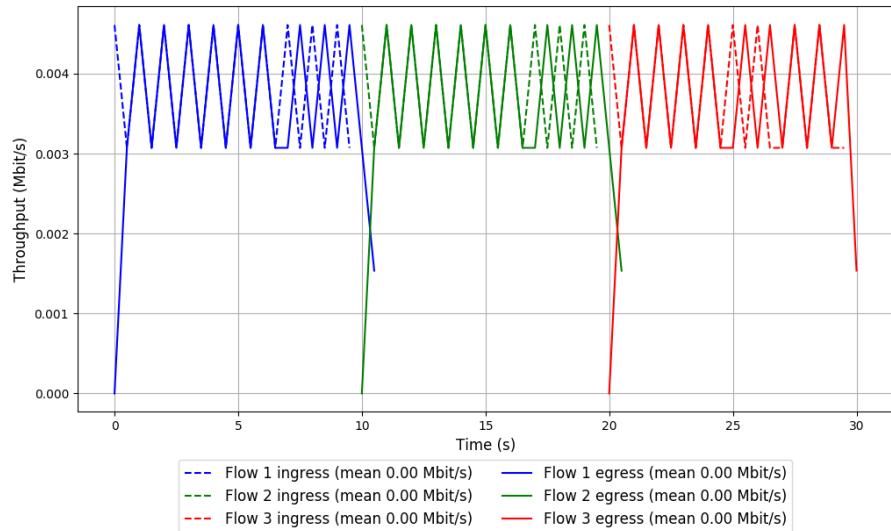


Run 6: Statistics of FillP-Sheep

```
Start at: 2018-07-01 06:26:13
End at: 2018-07-01 06:26:43
Local clock offset: 0.168 ms
Remote clock offset: -0.344 ms

# Below is generated by plot.py at 2018-07-01 09:41:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.493 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.403 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.502 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 135.982 ms
Loss rate: 2.04%
```

Run 6: Report of FillP-Sheep — Data Link

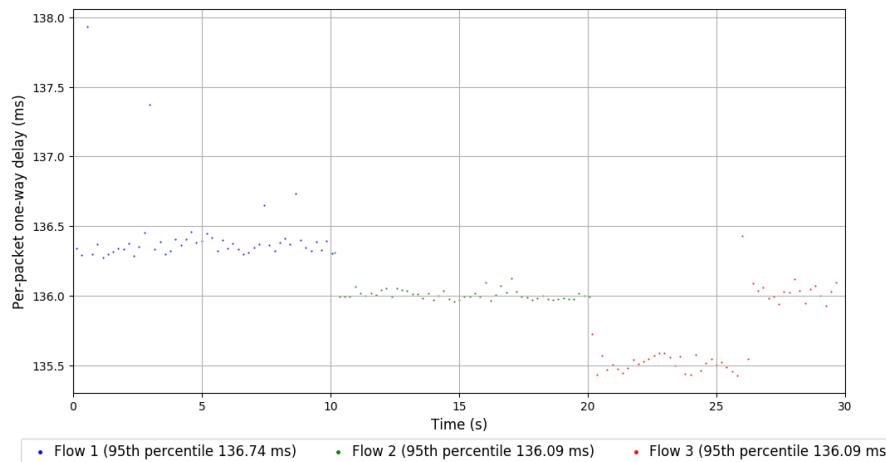
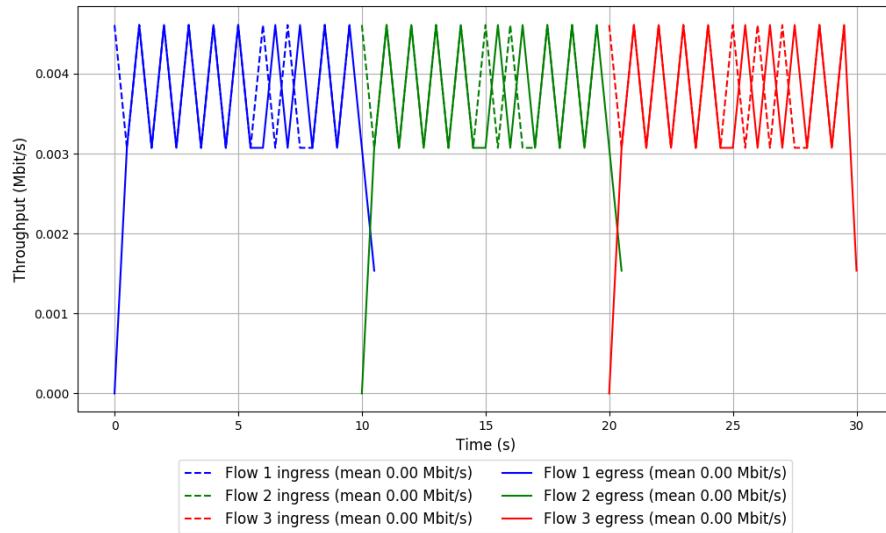


Run 7: Statistics of FillP-Sheep

```
Start at: 2018-07-01 06:52:14
End at: 2018-07-01 06:52:44
Local clock offset: 0.228 ms
Remote clock offset: -0.004 ms

# Below is generated by plot.py at 2018-07-01 09:41:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.428 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.737 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.095 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.093 ms
Loss rate: 4.00%
```

Run 7: Report of FillP-Sheep — Data Link

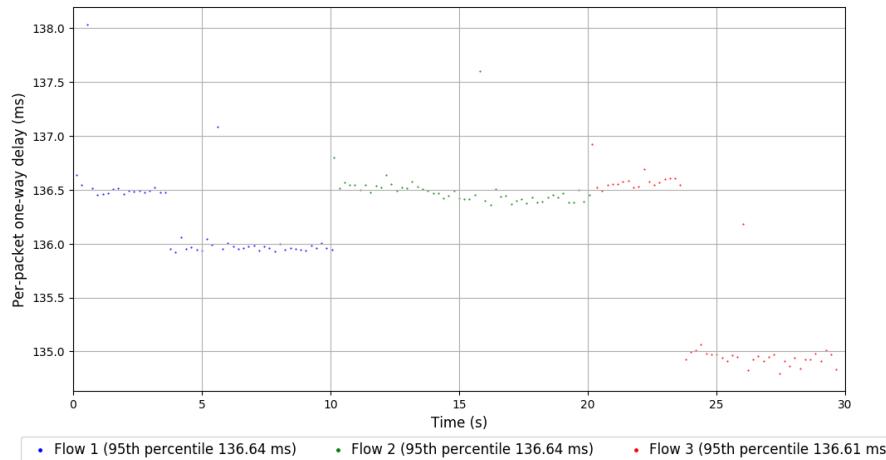
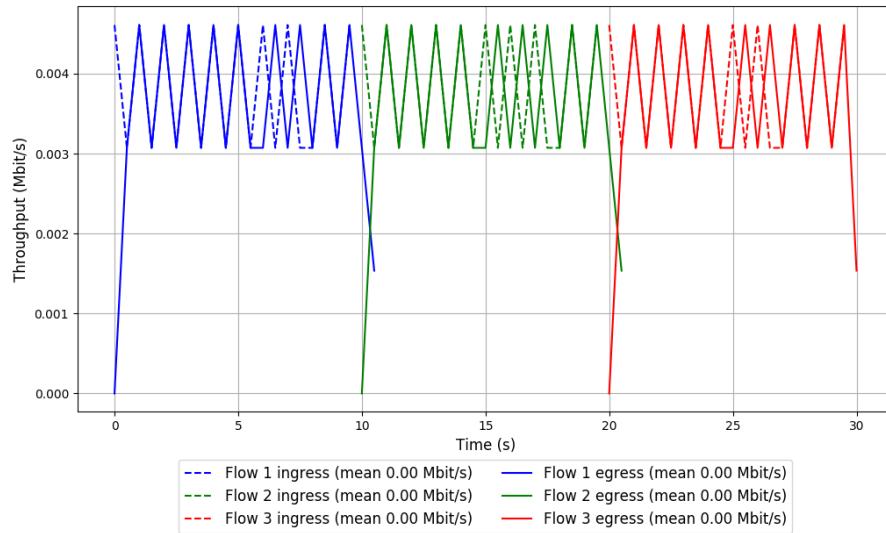


Run 8: Statistics of FillP-Sheep

```
Start at: 2018-07-01 07:17:46
End at: 2018-07-01 07:18:16
Local clock offset: 0.248 ms
Remote clock offset: -0.022 ms

# Below is generated by plot.py at 2018-07-01 09:41:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.636 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.636 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.636 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.611 ms
Loss rate: 4.00%
```

Run 8: Report of FillP-Sheep — Data Link

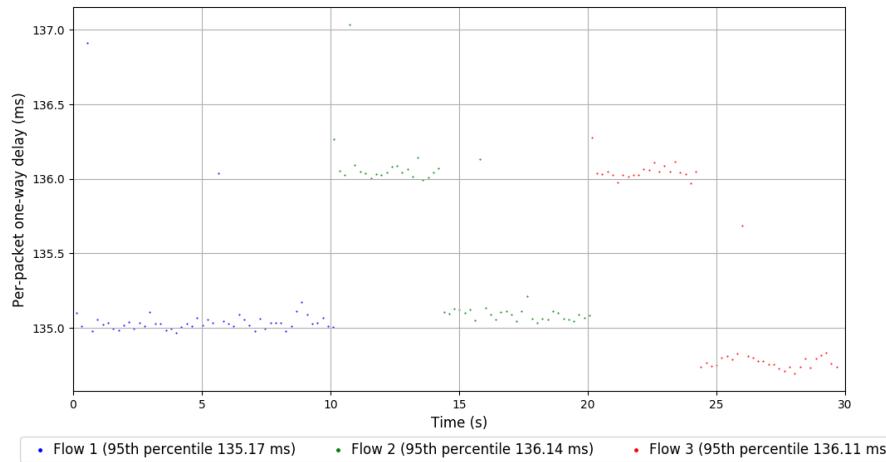
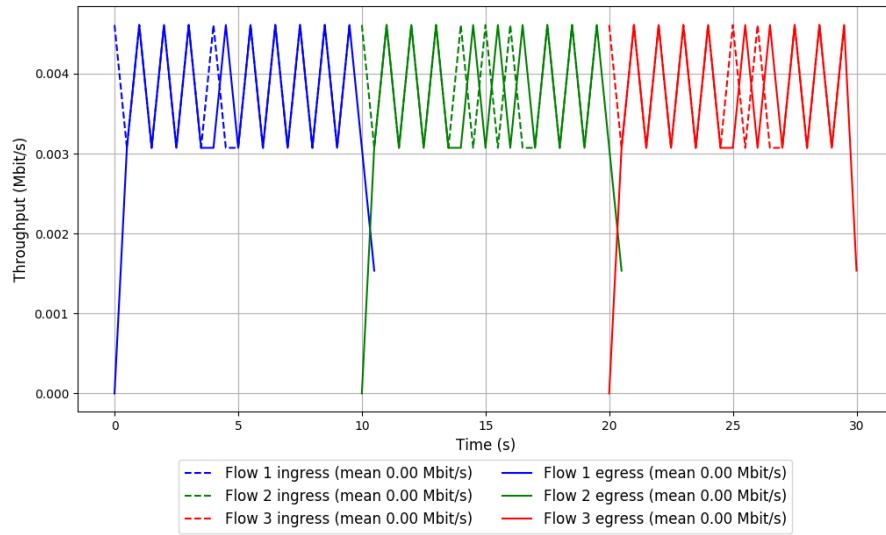


Run 9: Statistics of FillP-Sheep

```
Start at: 2018-07-01 07:43:46
End at: 2018-07-01 07:44:16
Local clock offset: -0.009 ms
Remote clock offset: 0.061 ms

# Below is generated by plot.py at 2018-07-01 09:41:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.110 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 135.173 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.144 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.110 ms
Loss rate: 4.00%
```

Run 9: Report of FillP-Sheep — Data Link

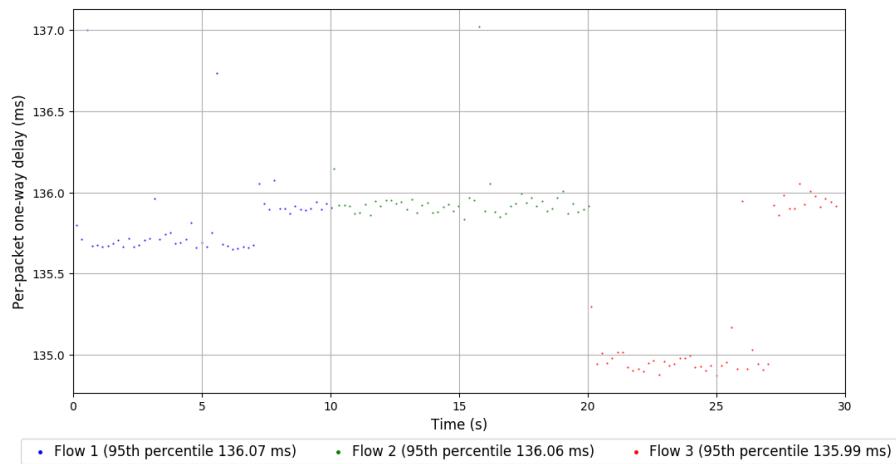
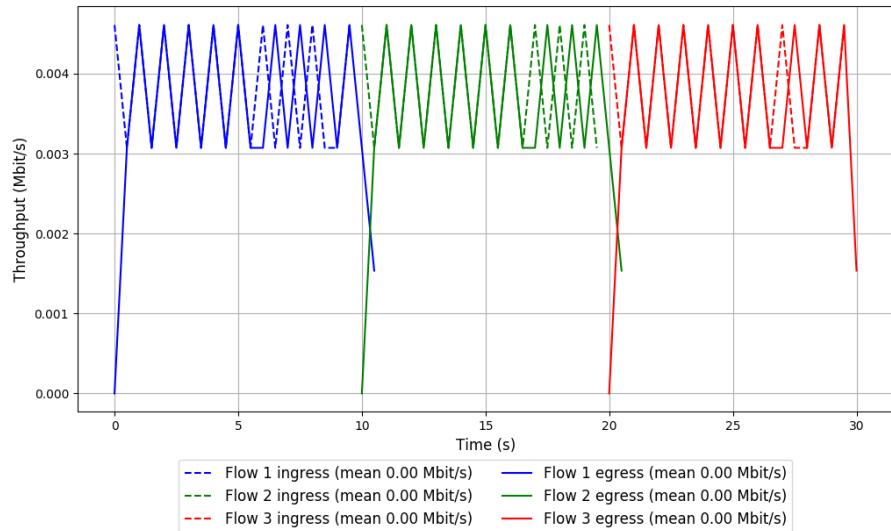


Run 10: Statistics of FillP-Sheep

```
Start at: 2018-07-01 08:09:33
End at: 2018-07-01 08:10:03
Local clock offset: -0.064 ms
Remote clock offset: 0.045 ms

# Below is generated by plot.py at 2018-07-01 09:41:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.056 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.075 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 136.056 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 135.985 ms
Loss rate: 4.00%
```

Run 10: Report of FillP-Sheep — Data Link

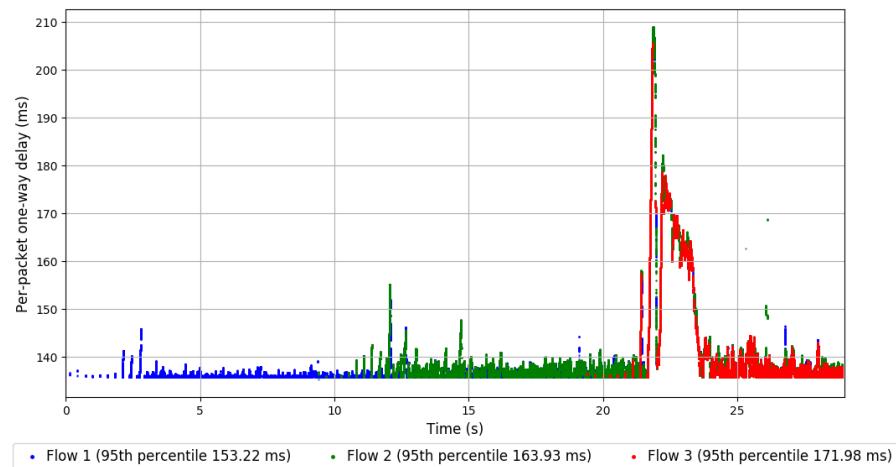
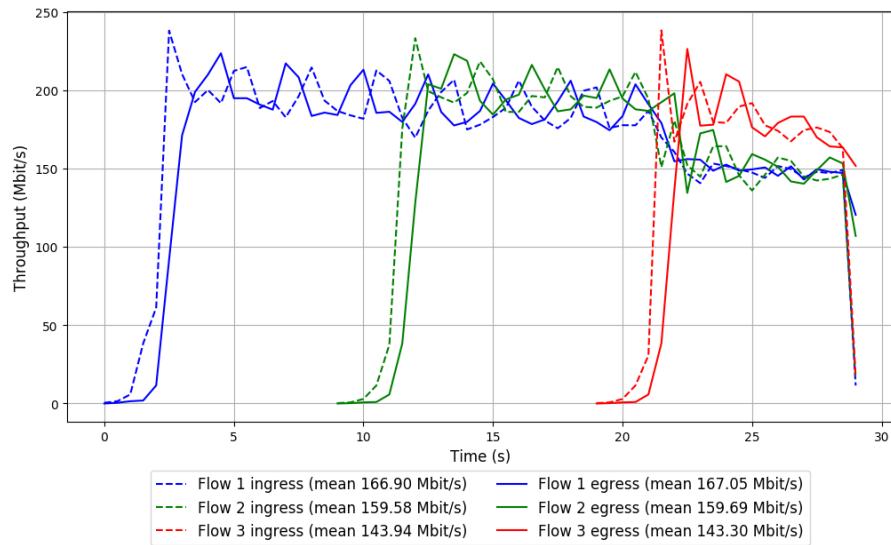


Run 1: Statistics of Indigo

```
Start at: 2018-07-01 04:26:42
End at: 2018-07-01 04:27:12
Local clock offset: -0.07 ms
Remote clock offset: -0.004 ms

# Below is generated by plot.py at 2018-07-01 09:41:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 322.57 Mbit/s
95th percentile per-packet one-way delay: 164.484 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 167.05 Mbit/s
95th percentile per-packet one-way delay: 153.216 ms
Loss rate: 0.85%
-- Flow 2:
Average throughput: 159.69 Mbit/s
95th percentile per-packet one-way delay: 163.930 ms
Loss rate: 1.31%
-- Flow 3:
Average throughput: 143.30 Mbit/s
95th percentile per-packet one-way delay: 171.983 ms
Loss rate: 3.22%
```

Run 1: Report of Indigo — Data Link

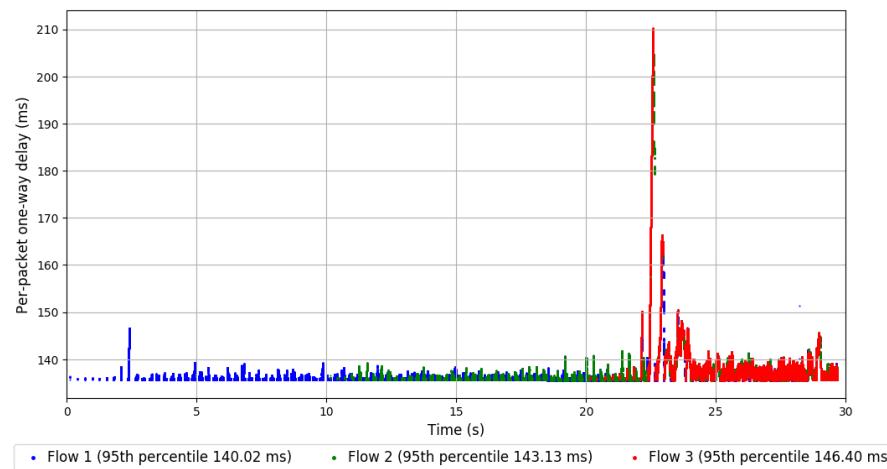
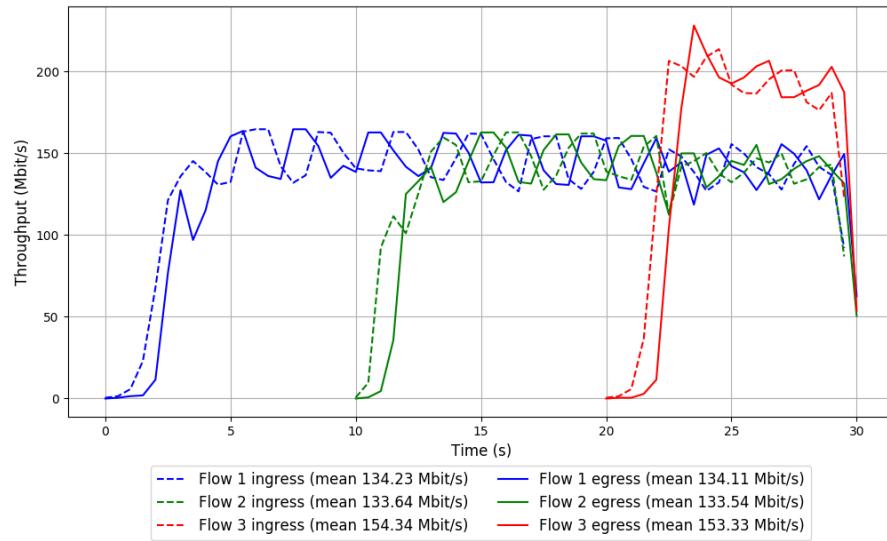


Run 2: Statistics of Indigo

```
Start at: 2018-07-01 04:52:21
End at: 2018-07-01 04:52:51
Local clock offset: -0.401 ms
Remote clock offset: 0.036 ms

# Below is generated by plot.py at 2018-07-01 09:41:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 271.84 Mbit/s
95th percentile per-packet one-way delay: 143.074 ms
Loss rate: 1.58%
-- Flow 1:
Average throughput: 134.11 Mbit/s
95th percentile per-packet one-way delay: 140.024 ms
Loss rate: 0.96%
-- Flow 2:
Average throughput: 133.54 Mbit/s
95th percentile per-packet one-way delay: 143.131 ms
Loss rate: 1.45%
-- Flow 3:
Average throughput: 153.33 Mbit/s
95th percentile per-packet one-way delay: 146.399 ms
Loss rate: 3.41%
```

Run 2: Report of Indigo — Data Link

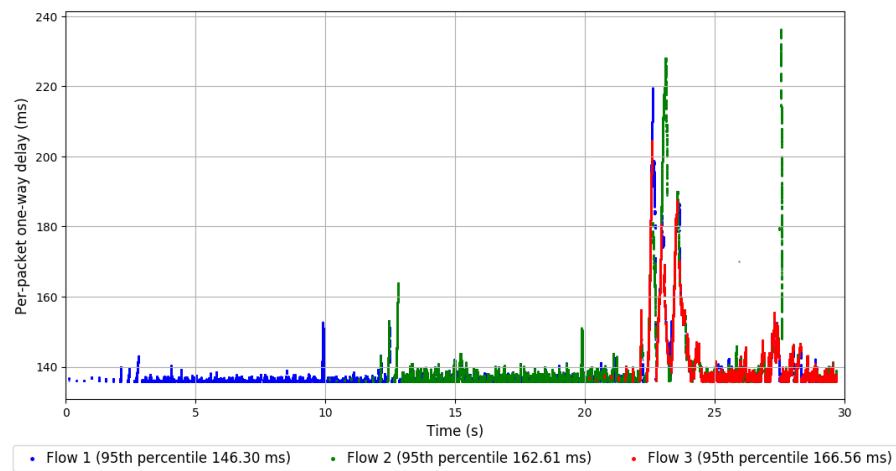
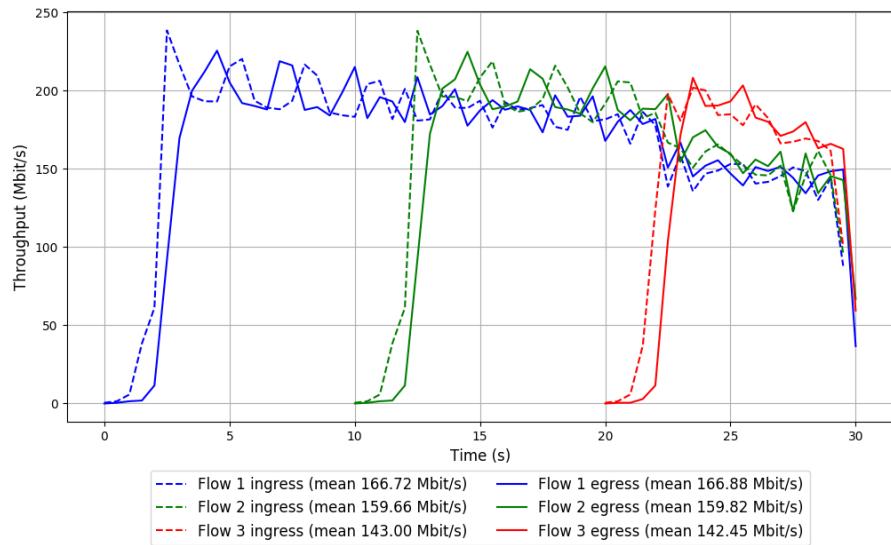


Run 3: Statistics of Indigo

```
Start at: 2018-07-01 05:18:19
End at: 2018-07-01 05:18:49
Local clock offset: 0.051 ms
Remote clock offset: 0.453 ms

# Below is generated by plot.py at 2018-07-01 09:41:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 318.53 Mbit/s
95th percentile per-packet one-way delay: 156.239 ms
Loss rate: 1.31%
-- Flow 1:
Average throughput: 166.88 Mbit/s
95th percentile per-packet one-way delay: 146.301 ms
Loss rate: 0.82%
-- Flow 2:
Average throughput: 159.82 Mbit/s
95th percentile per-packet one-way delay: 162.608 ms
Loss rate: 1.29%
-- Flow 3:
Average throughput: 142.45 Mbit/s
95th percentile per-packet one-way delay: 166.556 ms
Loss rate: 3.14%
```

Run 3: Report of Indigo — Data Link

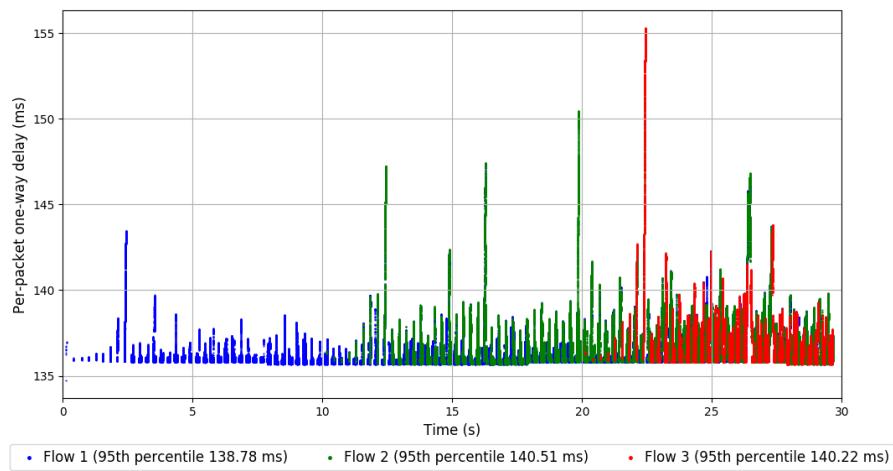
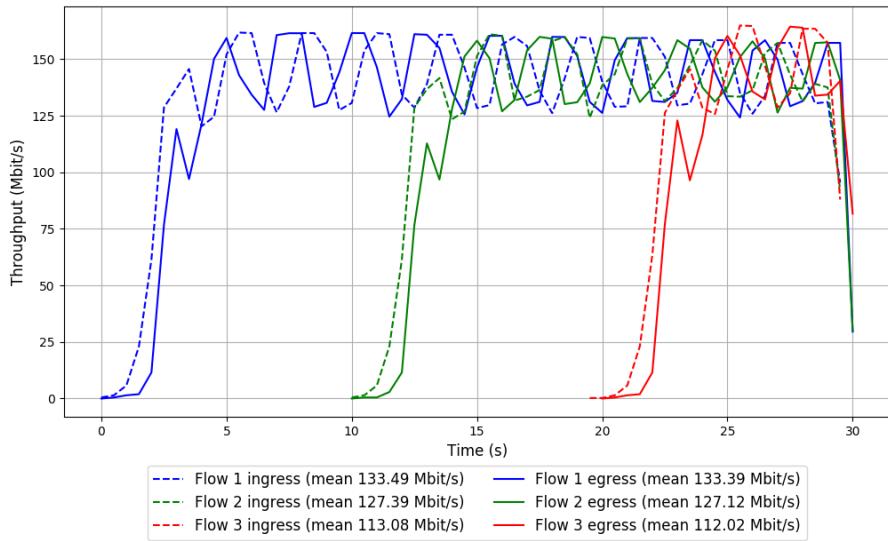


Run 4: Statistics of Indigo

```
Start at: 2018-07-01 05:44:02
End at: 2018-07-01 05:44:32
Local clock offset: 0.154 ms
Remote clock offset: 0.093 ms

# Below is generated by plot.py at 2018-07-01 09:41:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 253.46 Mbit/s
95th percentile per-packet one-way delay: 139.462 ms
Loss rate: 1.58%
-- Flow 1:
Average throughput: 133.39 Mbit/s
95th percentile per-packet one-way delay: 138.783 ms
Loss rate: 0.99%
-- Flow 2:
Average throughput: 127.12 Mbit/s
95th percentile per-packet one-way delay: 140.515 ms
Loss rate: 1.57%
-- Flow 3:
Average throughput: 112.02 Mbit/s
95th percentile per-packet one-way delay: 140.223 ms
Loss rate: 3.70%
```

Run 4: Report of Indigo — Data Link

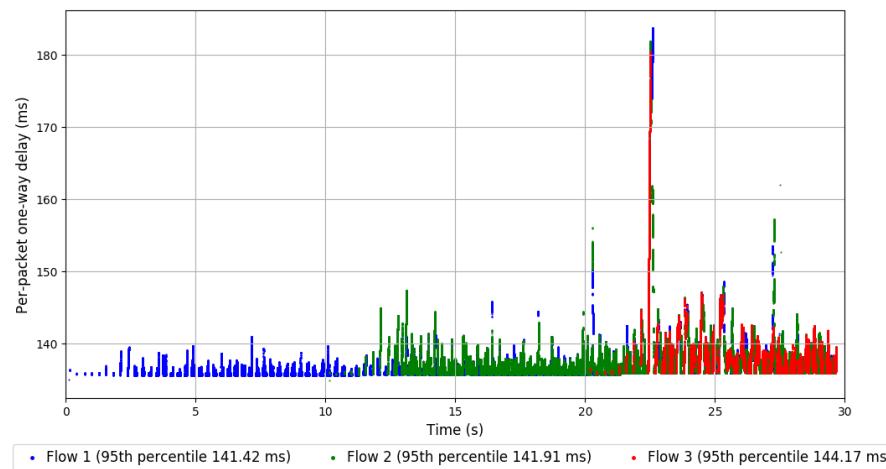
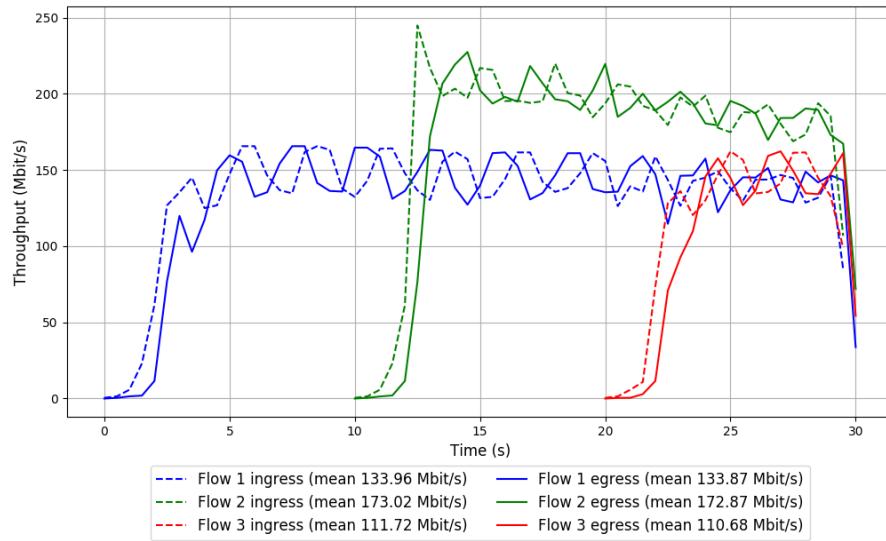


Run 5: Statistics of Indigo

```
Start at: 2018-07-01 06:09:28
End at: 2018-07-01 06:09:58
Local clock offset: 0.054 ms
Remote clock offset: 0.061 ms

# Below is generated by plot.py at 2018-07-01 09:41:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 283.76 Mbit/s
95th percentile per-packet one-way delay: 142.143 ms
Loss rate: 1.51%
-- Flow 1:
Average throughput: 133.87 Mbit/s
95th percentile per-packet one-way delay: 141.422 ms
Loss rate: 0.97%
-- Flow 2:
Average throughput: 172.87 Mbit/s
95th percentile per-packet one-way delay: 141.914 ms
Loss rate: 1.45%
-- Flow 3:
Average throughput: 110.68 Mbit/s
95th percentile per-packet one-way delay: 144.167 ms
Loss rate: 3.68%
```

Run 5: Report of Indigo — Data Link

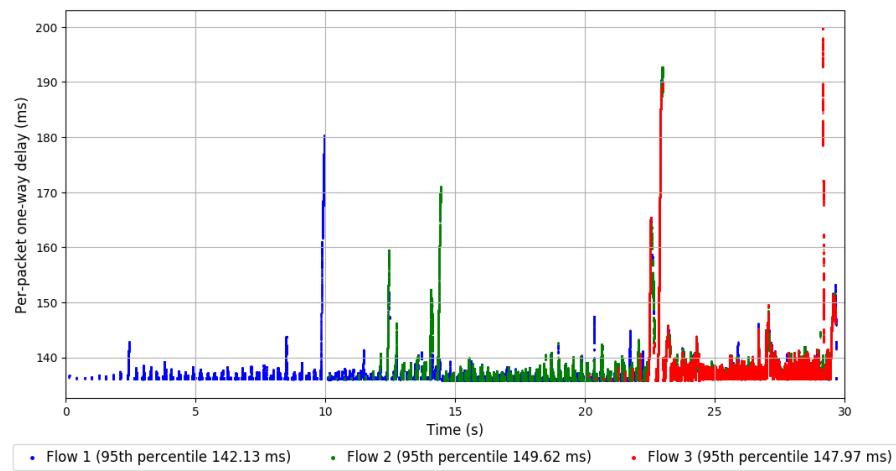
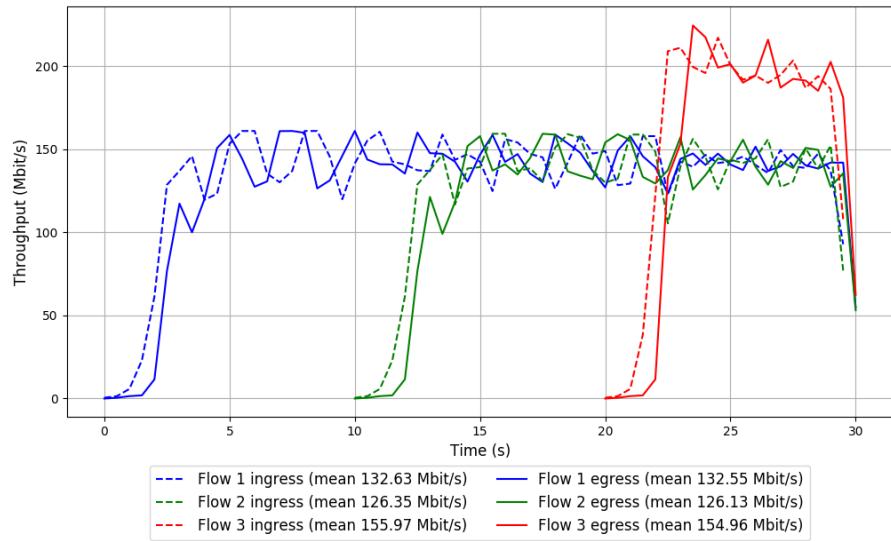


Run 6: Statistics of Indigo

```
Start at: 2018-07-01 06:35:35
End at: 2018-07-01 06:36:05
Local clock offset: 0.232 ms
Remote clock offset: -0.013 ms

# Below is generated by plot.py at 2018-07-01 09:41:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 265.67 Mbit/s
95th percentile per-packet one-way delay: 145.810 ms
Loss rate: 1.63%
-- Flow 1:
Average throughput: 132.55 Mbit/s
95th percentile per-packet one-way delay: 142.130 ms
Loss rate: 0.98%
-- Flow 2:
Average throughput: 126.13 Mbit/s
95th percentile per-packet one-way delay: 149.617 ms
Loss rate: 1.55%
-- Flow 3:
Average throughput: 154.96 Mbit/s
95th percentile per-packet one-way delay: 147.965 ms
Loss rate: 3.43%
```

Run 6: Report of Indigo — Data Link

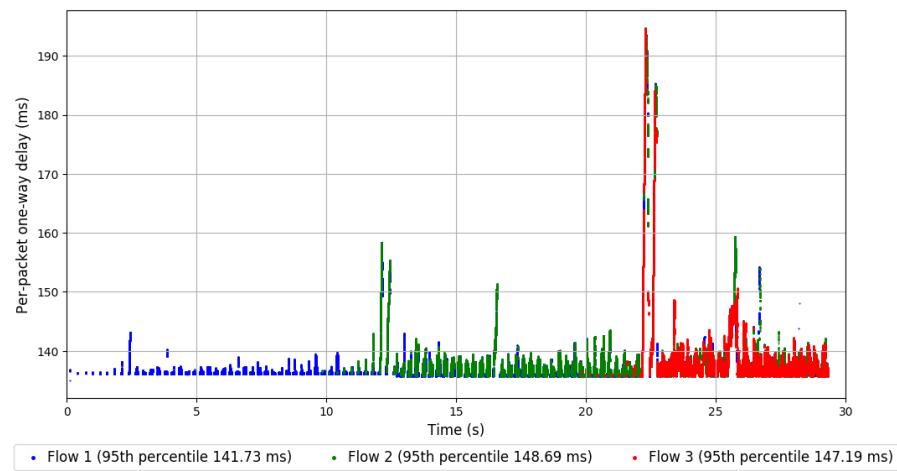
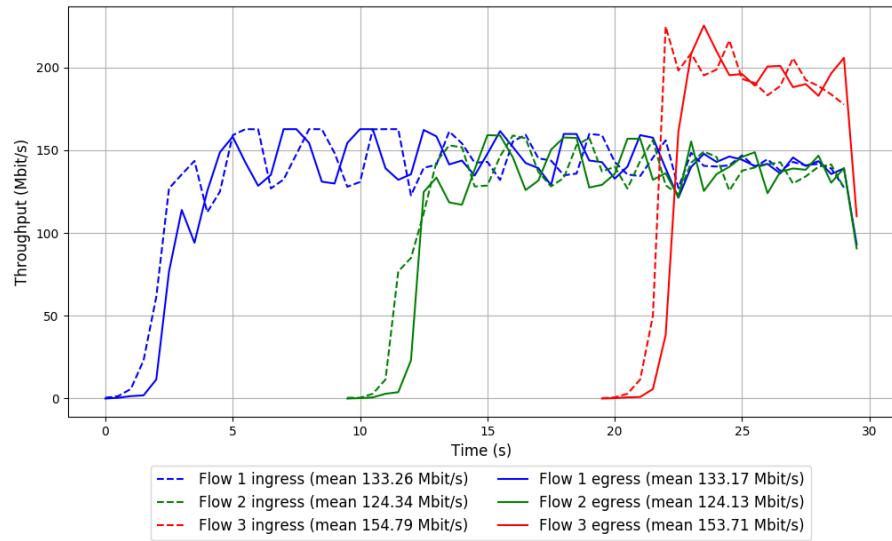


Run 7: Statistics of Indigo

```
Start at: 2018-07-01 07:01:17
End at: 2018-07-01 07:01:47
Local clock offset: 0.024 ms
Remote clock offset: -0.048 ms

# Below is generated by plot.py at 2018-07-01 09:41:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 265.79 Mbit/s
95th percentile per-packet one-way delay: 144.972 ms
Loss rate: 1.65%
-- Flow 1:
Average throughput: 133.17 Mbit/s
95th percentile per-packet one-way delay: 141.726 ms
Loss rate: 1.00%
-- Flow 2:
Average throughput: 124.13 Mbit/s
95th percentile per-packet one-way delay: 148.688 ms
Loss rate: 1.55%
-- Flow 3:
Average throughput: 153.71 Mbit/s
95th percentile per-packet one-way delay: 147.188 ms
Loss rate: 3.49%
```

Run 7: Report of Indigo — Data Link

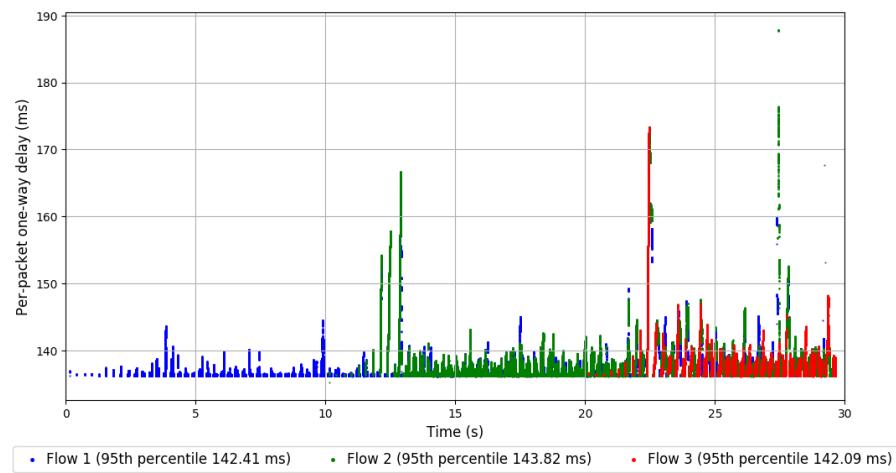
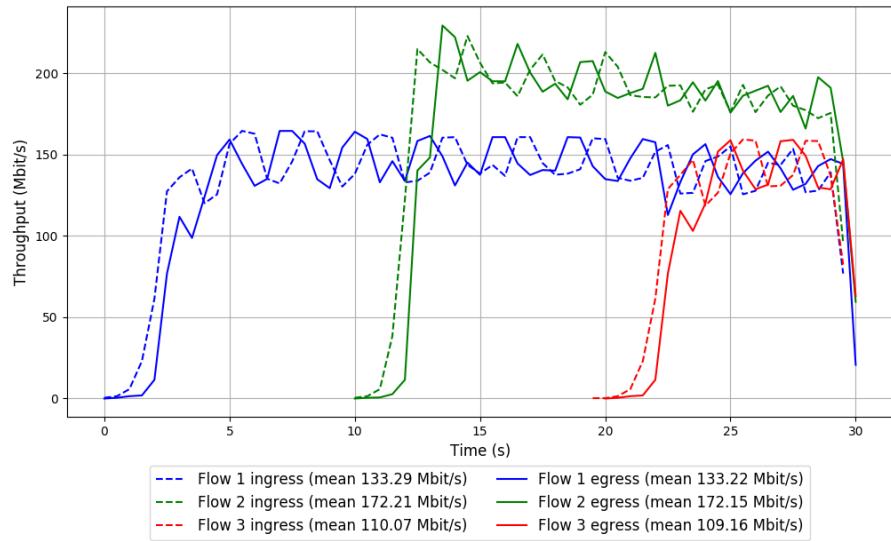


Run 8: Statistics of Indigo

```
Start at: 2018-07-01 07:26:56
End at: 2018-07-01 07:27:26
Local clock offset: 0.059 ms
Remote clock offset: -0.082 ms

# Below is generated by plot.py at 2018-07-01 09:41:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 282.10 Mbit/s
95th percentile per-packet one-way delay: 142.903 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 133.22 Mbit/s
95th percentile per-packet one-way delay: 142.414 ms
Loss rate: 0.97%
-- Flow 2:
Average throughput: 172.15 Mbit/s
95th percentile per-packet one-way delay: 143.823 ms
Loss rate: 1.41%
-- Flow 3:
Average throughput: 109.16 Mbit/s
95th percentile per-packet one-way delay: 142.087 ms
Loss rate: 3.59%
```

Run 8: Report of Indigo — Data Link

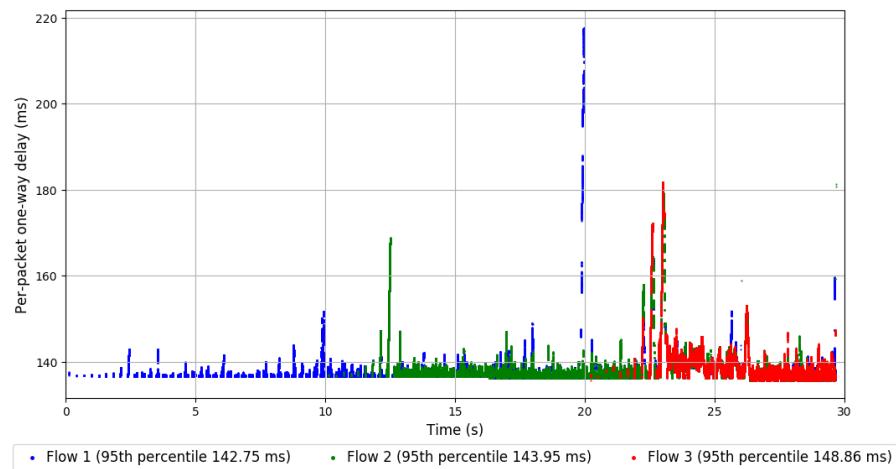
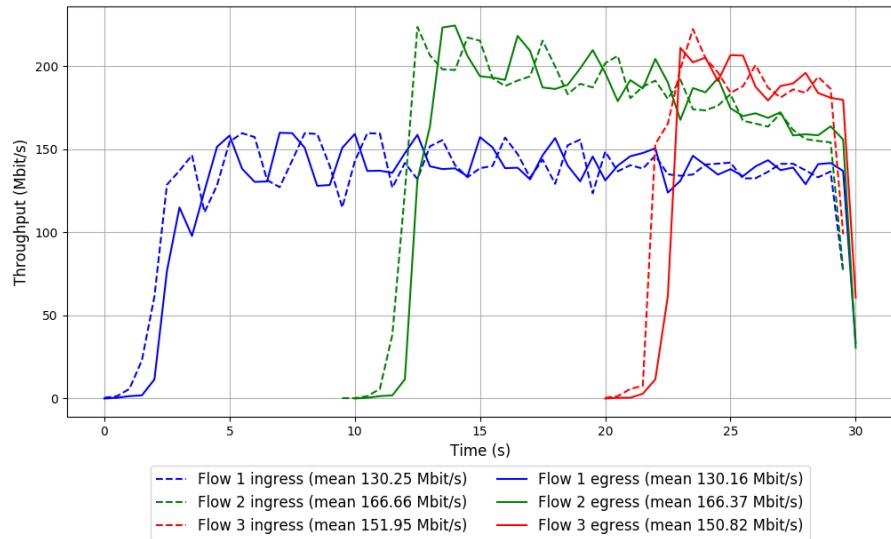


Run 9: Statistics of Indigo

```
Start at: 2018-07-01 07:52:53
End at: 2018-07-01 07:53:23
Local clock offset: 0.027 ms
Remote clock offset: -0.27 ms

# Below is generated by plot.py at 2018-07-01 09:41:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 288.31 Mbit/s
95th percentile per-packet one-way delay: 144.584 ms
Loss rate: 1.51%
-- Flow 1:
Average throughput: 130.16 Mbit/s
95th percentile per-packet one-way delay: 142.745 ms
Loss rate: 0.98%
-- Flow 2:
Average throughput: 166.37 Mbit/s
95th percentile per-packet one-way delay: 143.947 ms
Loss rate: 1.30%
-- Flow 3:
Average throughput: 150.82 Mbit/s
95th percentile per-packet one-way delay: 148.859 ms
Loss rate: 3.39%
```

Run 9: Report of Indigo — Data Link

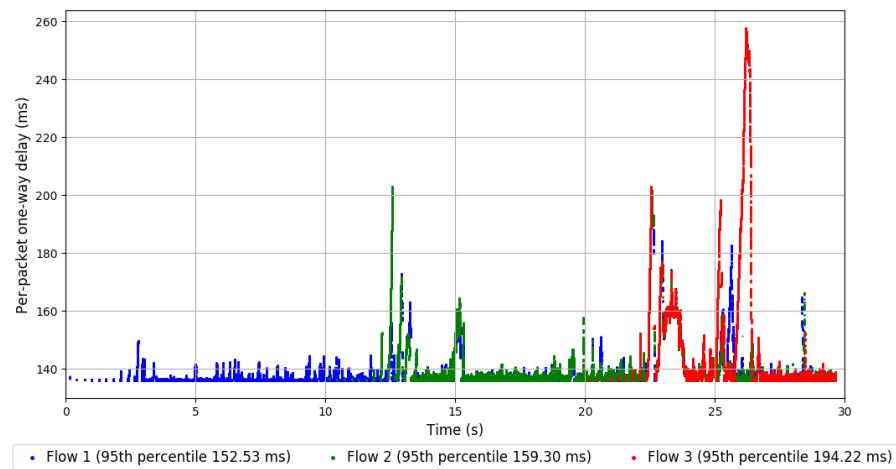
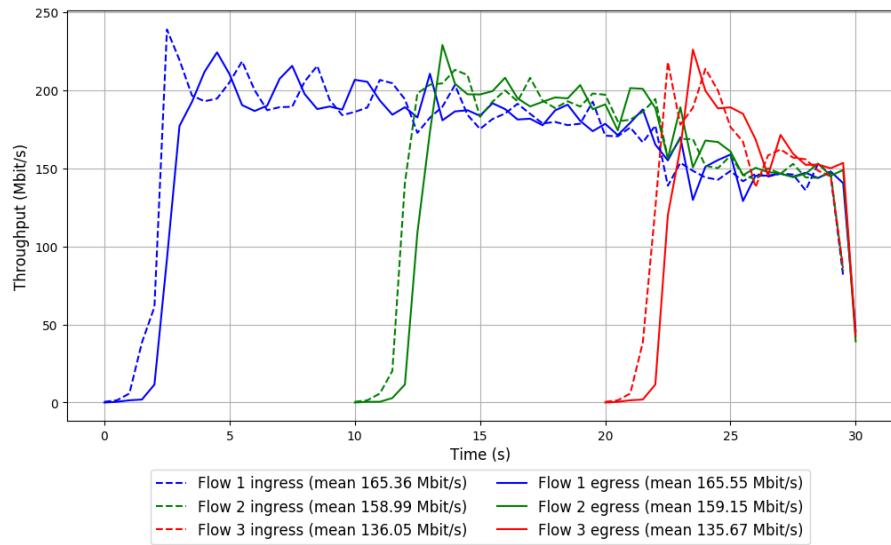


Run 10: Statistics of Indigo

```
Start at: 2018-07-01 08:18:49
End at: 2018-07-01 08:19:19
Local clock offset: -0.04 ms
Remote clock offset: -0.351 ms

# Below is generated by plot.py at 2018-07-01 09:41:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 314.36 Mbit/s
95th percentile per-packet one-way delay: 159.855 ms
Loss rate: 1.28%
-- Flow 1:
Average throughput: 165.55 Mbit/s
95th percentile per-packet one-way delay: 152.528 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 159.15 Mbit/s
95th percentile per-packet one-way delay: 159.300 ms
Loss rate: 1.28%
-- Flow 3:
Average throughput: 135.67 Mbit/s
95th percentile per-packet one-way delay: 194.223 ms
Loss rate: 3.04%
```

Run 10: Report of Indigo — Data Link

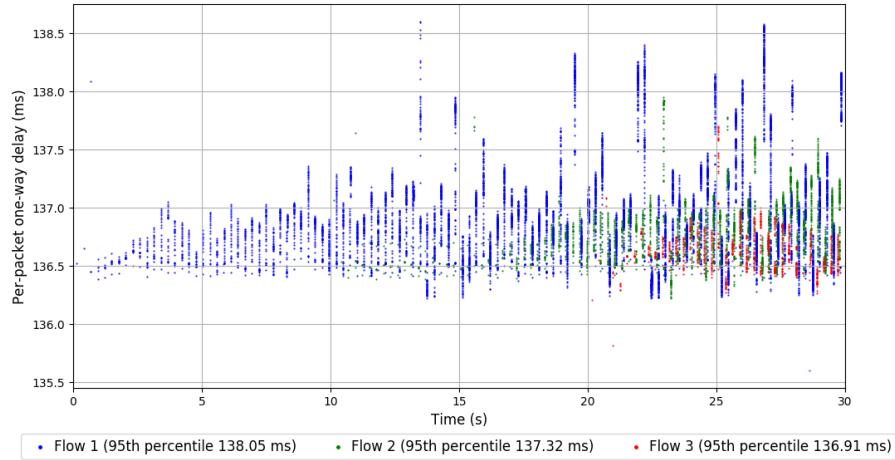
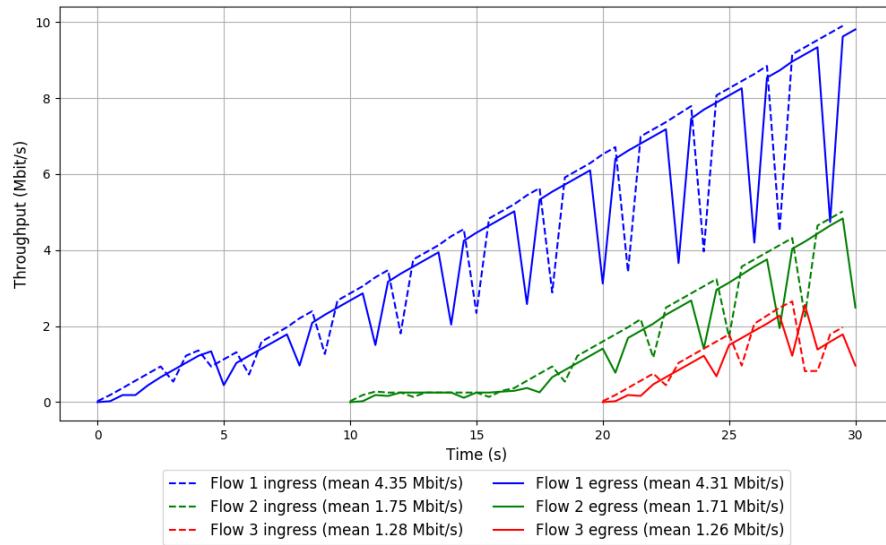


Run 1: Statistics of LEDBAT

```
Start at: 2018-07-01 04:22:03
End at: 2018-07-01 04:22:33
Local clock offset: 0.02 ms
Remote clock offset: -0.316 ms

# Below is generated by plot.py at 2018-07-01 09:41:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 5.84 Mbit/s
95th percentile per-packet one-way delay: 137.945 ms
Loss rate: 2.41%
-- Flow 1:
Average throughput: 4.31 Mbit/s
95th percentile per-packet one-way delay: 138.046 ms
Loss rate: 1.92%
-- Flow 2:
Average throughput: 1.71 Mbit/s
95th percentile per-packet one-way delay: 137.319 ms
Loss rate: 3.63%
-- Flow 3:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 136.907 ms
Loss rate: 4.09%
```

Run 1: Report of LEDBAT — Data Link

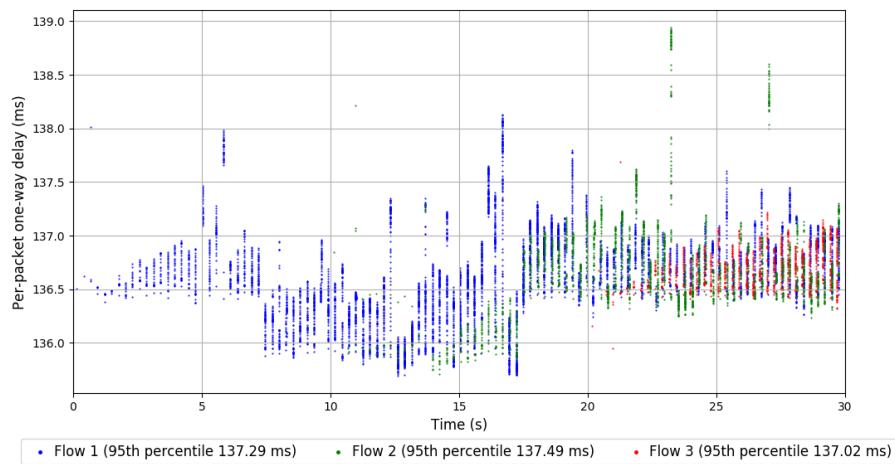
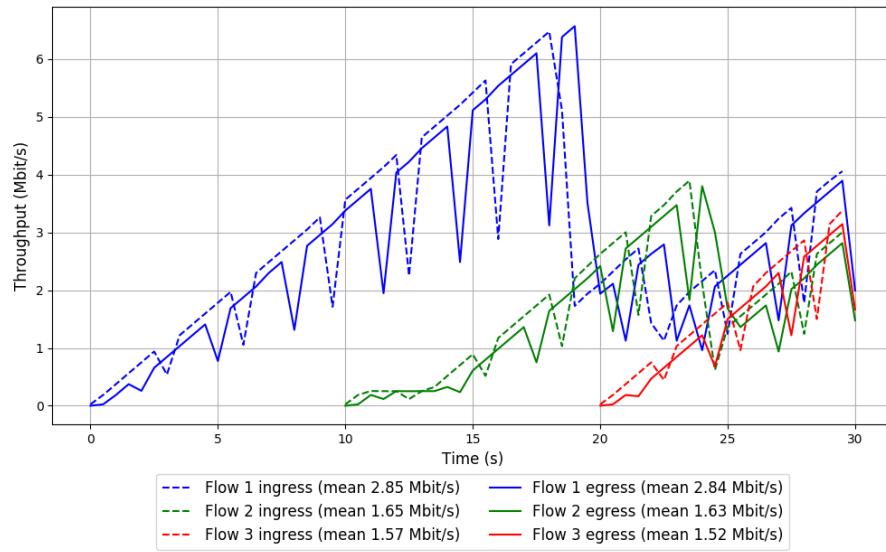


Run 2: Statistics of LEDBAT

```
Start at: 2018-07-01 04:47:43
End at: 2018-07-01 04:48:13
Local clock offset: -0.181 ms
Remote clock offset: -0.336 ms

# Below is generated by plot.py at 2018-07-01 09:41:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.41 Mbit/s
95th percentile per-packet one-way delay: 137.274 ms
Loss rate: 2.02%
-- Flow 1:
Average throughput: 2.84 Mbit/s
95th percentile per-packet one-way delay: 137.290 ms
Loss rate: 1.24%
-- Flow 2:
Average throughput: 1.63 Mbit/s
95th percentile per-packet one-way delay: 137.486 ms
Loss rate: 2.36%
-- Flow 3:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 137.018 ms
Loss rate: 5.57%
```

Run 2: Report of LEDBAT — Data Link

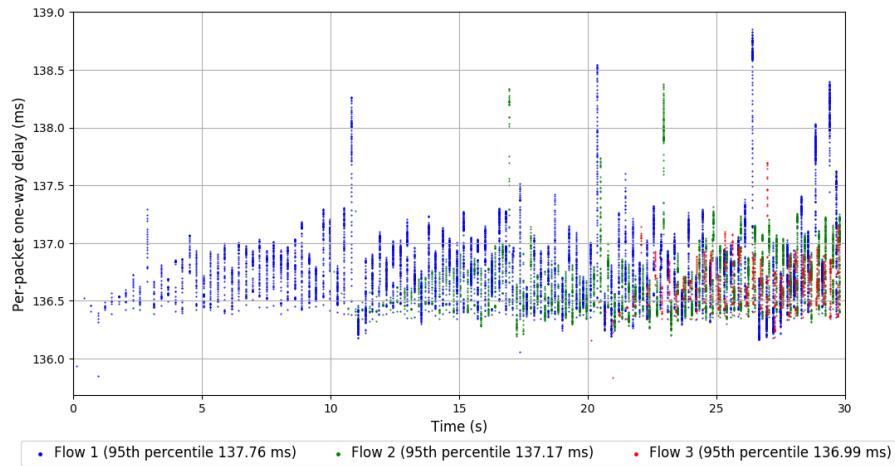
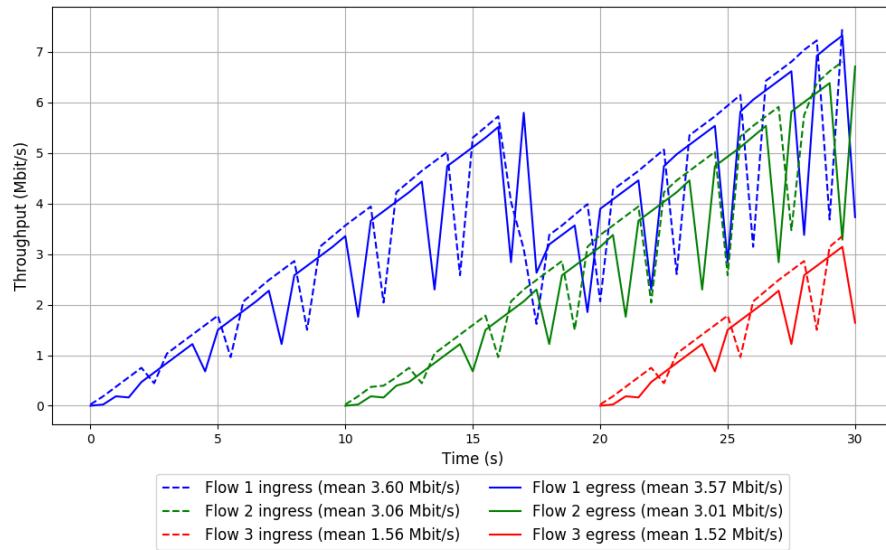


Run 3: Statistics of LEDBAT

```
Start at: 2018-07-01 05:13:29
End at: 2018-07-01 05:13:59
Local clock offset: -0.166 ms
Remote clock offset: 0.054 ms

# Below is generated by plot.py at 2018-07-01 09:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 6.04 Mbit/s
95th percentile per-packet one-way delay: 137.361 ms
Loss rate: 2.43%
-- Flow 1:
Average throughput: 3.57 Mbit/s
95th percentile per-packet one-way delay: 137.760 ms
Loss rate: 1.77%
-- Flow 2:
Average throughput: 3.01 Mbit/s
95th percentile per-packet one-way delay: 137.169 ms
Loss rate: 2.81%
-- Flow 3:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 136.986 ms
Loss rate: 5.58%
```

Run 3: Report of LEDBAT — Data Link

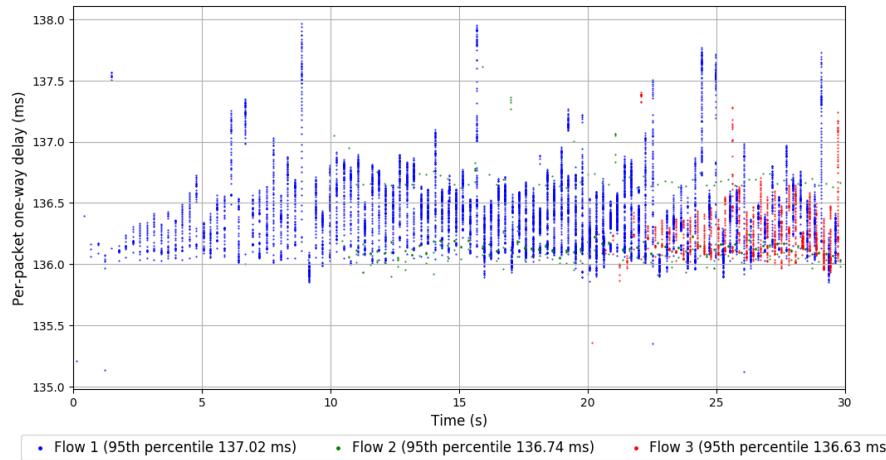
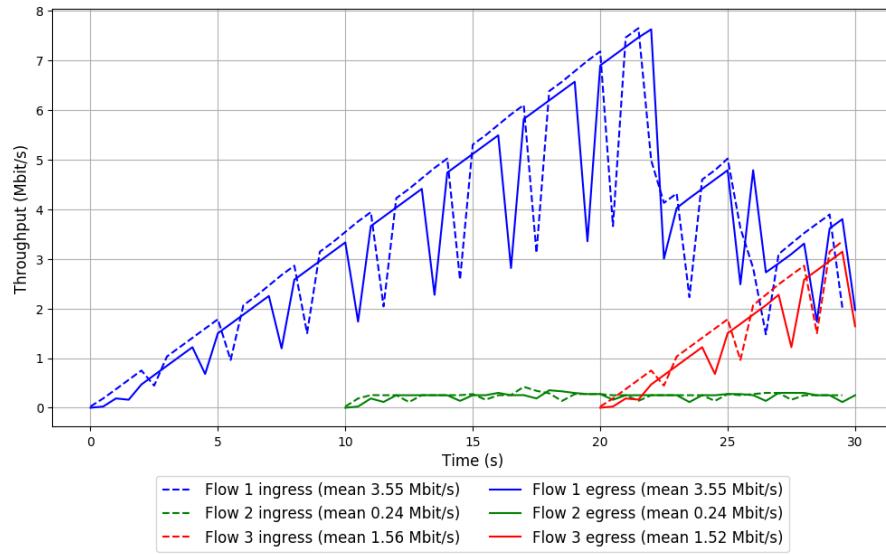


Run 4: Statistics of LEDBAT

```
Start at: 2018-07-01 05:39:16
End at: 2018-07-01 05:39:46
Local clock offset: 0.179 ms
Remote clock offset: 0.09 ms

# Below is generated by plot.py at 2018-07-01 09:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.18 Mbit/s
95th percentile per-packet one-way delay: 136.971 ms
Loss rate: 1.56%
-- Flow 1:
Average throughput: 3.55 Mbit/s
95th percentile per-packet one-way delay: 137.019 ms
Loss rate: 0.98%
-- Flow 2:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 136.743 ms
Loss rate: 1.67%
-- Flow 3:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 136.630 ms
Loss rate: 5.58%
```

Run 4: Report of LEDBAT — Data Link

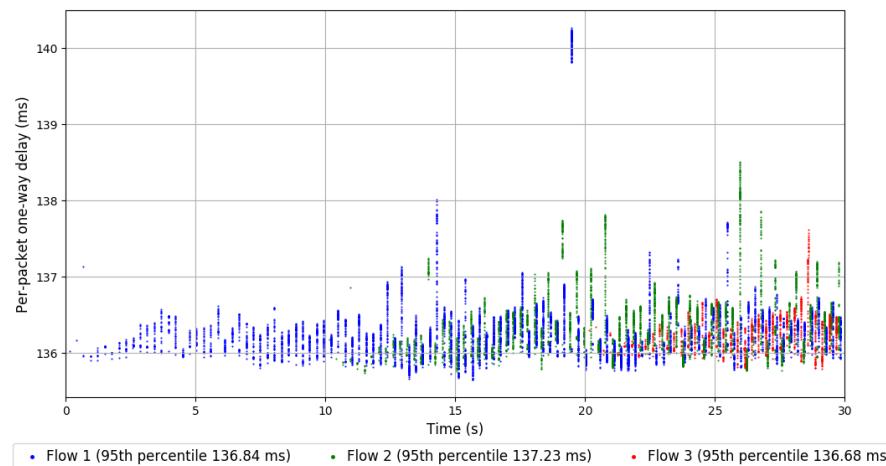
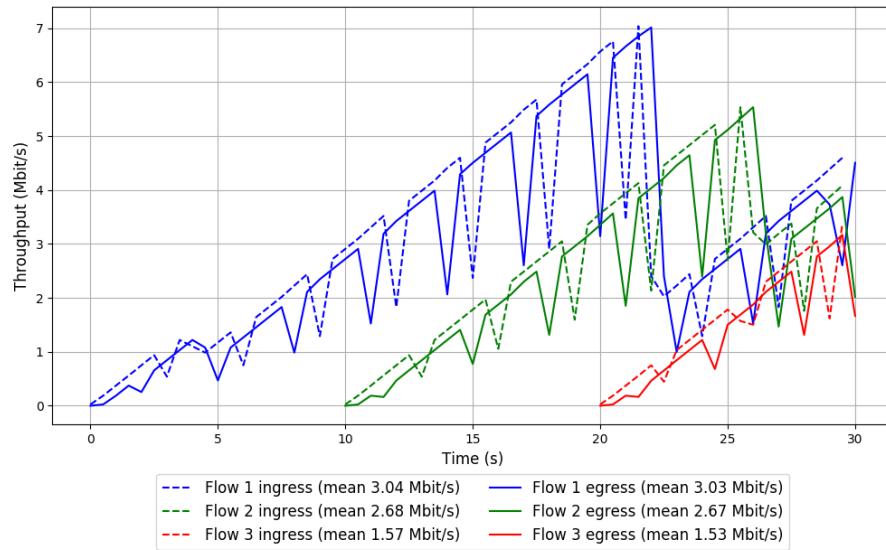


Run 5: Statistics of LEDBAT

```
Start at: 2018-07-01 06:04:43
End at: 2018-07-01 06:05:13
Local clock offset: 0.134 ms
Remote clock offset: 0.105 ms

# Below is generated by plot.py at 2018-07-01 09:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 5.29 Mbit/s
95th percentile per-packet one-way delay: 137.011 ms
Loss rate: 1.93%
-- Flow 1:
Average throughput: 3.03 Mbit/s
95th percentile per-packet one-way delay: 136.838 ms
Loss rate: 1.30%
-- Flow 2:
Average throughput: 2.67 Mbit/s
95th percentile per-packet one-way delay: 137.232 ms
Loss rate: 1.95%
-- Flow 3:
Average throughput: 1.53 Mbit/s
95th percentile per-packet one-way delay: 136.679 ms
Loss rate: 5.56%
```

Run 5: Report of LEDBAT — Data Link

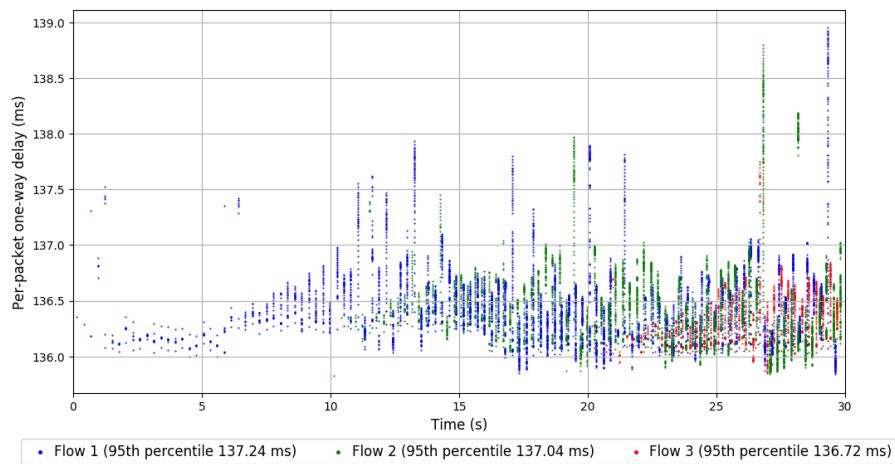
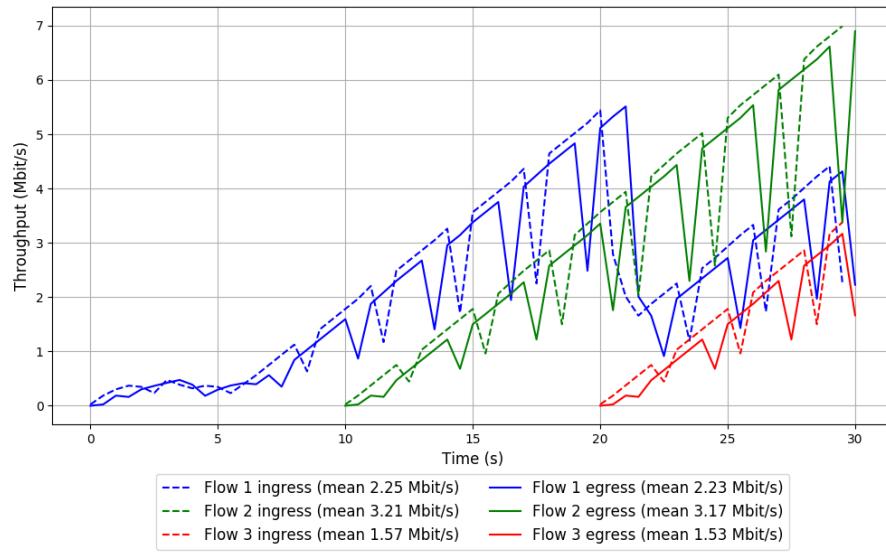


Run 6: Statistics of LEDBAT

```
Start at: 2018-07-01 06:30:34
End at: 2018-07-01 06:31:04
Local clock offset: 0.244 ms
Remote clock offset: 0.027 ms

# Below is generated by plot.py at 2018-07-01 09:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.81 Mbit/s
95th percentile per-packet one-way delay: 137.123 ms
Loss rate: 2.57%
-- Flow 1:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 137.241 ms
Loss rate: 1.72%
-- Flow 2:
Average throughput: 3.17 Mbit/s
95th percentile per-packet one-way delay: 137.042 ms
Loss rate: 2.74%
-- Flow 3:
Average throughput: 1.53 Mbit/s
95th percentile per-packet one-way delay: 136.719 ms
Loss rate: 5.56%
```

Run 6: Report of LEDBAT — Data Link

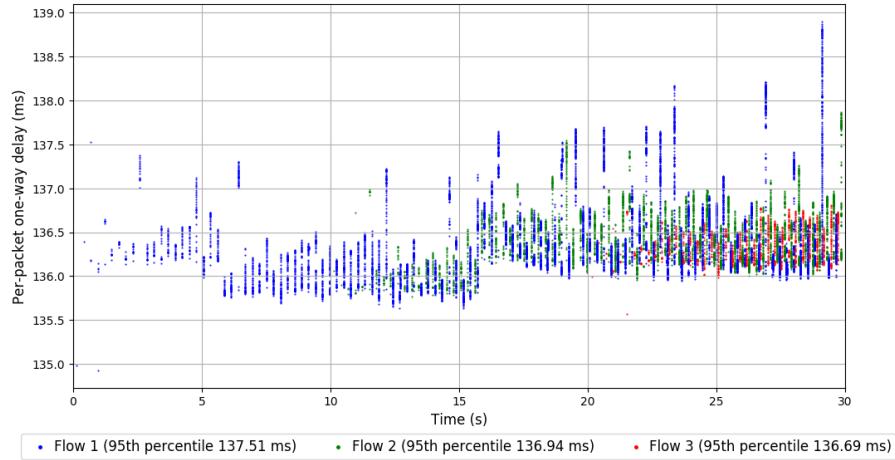
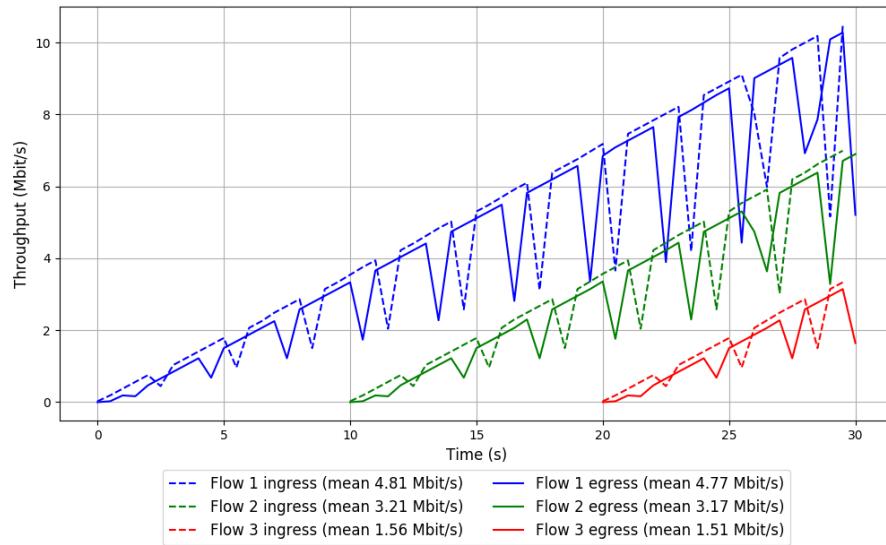


Run 7: Statistics of LEDBAT

```
Start at: 2018-07-01 06:56:34
End at: 2018-07-01 06:57:04
Local clock offset: -0.03 ms
Remote clock offset: -0.019 ms

# Below is generated by plot.py at 2018-07-01 09:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.32 Mbit/s
95th percentile per-packet one-way delay: 137.365 ms
Loss rate: 2.35%
-- Flow 1:
Average throughput: 4.77 Mbit/s
95th percentile per-packet one-way delay: 137.510 ms
Loss rate: 1.83%
-- Flow 2:
Average throughput: 3.17 Mbit/s
95th percentile per-packet one-way delay: 136.942 ms
Loss rate: 2.74%
-- Flow 3:
Average throughput: 1.51 Mbit/s
95th percentile per-packet one-way delay: 136.694 ms
Loss rate: 5.51%
```

Run 7: Report of LEDBAT — Data Link

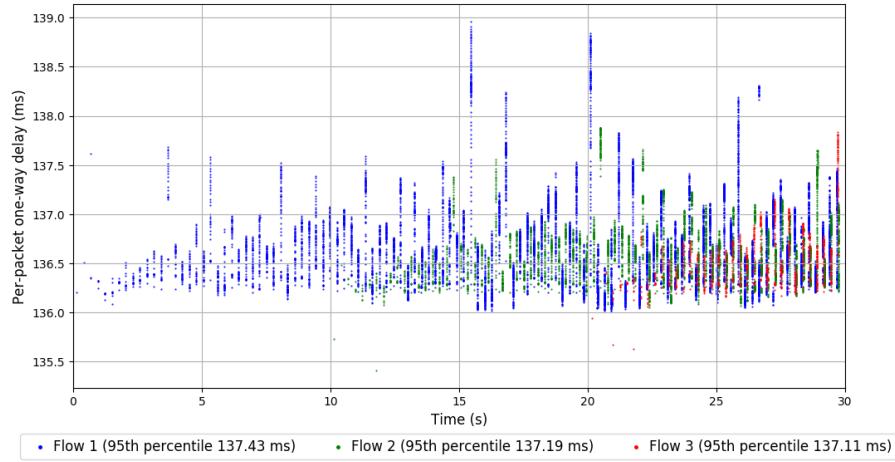
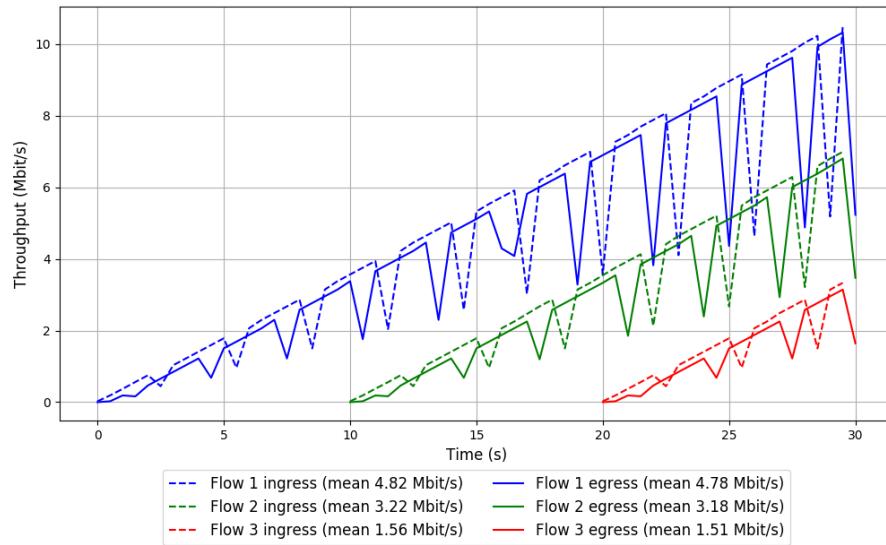


Run 8: Statistics of LEDBAT

```
Start at: 2018-07-01 07:22:07
End at: 2018-07-01 07:22:37
Local clock offset: -0.017 ms
Remote clock offset: -0.052 ms

# Below is generated by plot.py at 2018-07-01 09:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.36 Mbit/s
95th percentile per-packet one-way delay: 137.380 ms
Loss rate: 2.35%
-- Flow 1:
Average throughput: 4.78 Mbit/s
95th percentile per-packet one-way delay: 137.427 ms
Loss rate: 1.84%
-- Flow 2:
Average throughput: 3.18 Mbit/s
95th percentile per-packet one-way delay: 137.185 ms
Loss rate: 2.75%
-- Flow 3:
Average throughput: 1.51 Mbit/s
95th percentile per-packet one-way delay: 137.108 ms
Loss rate: 5.51%
```

Run 8: Report of LEDBAT — Data Link

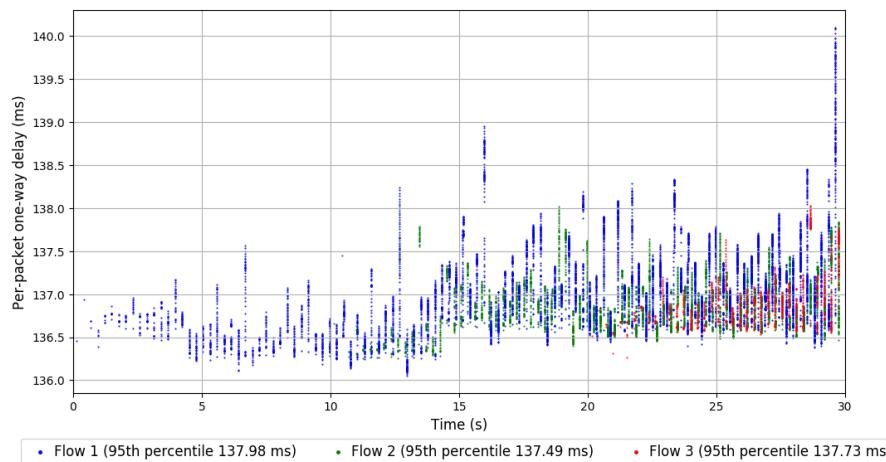
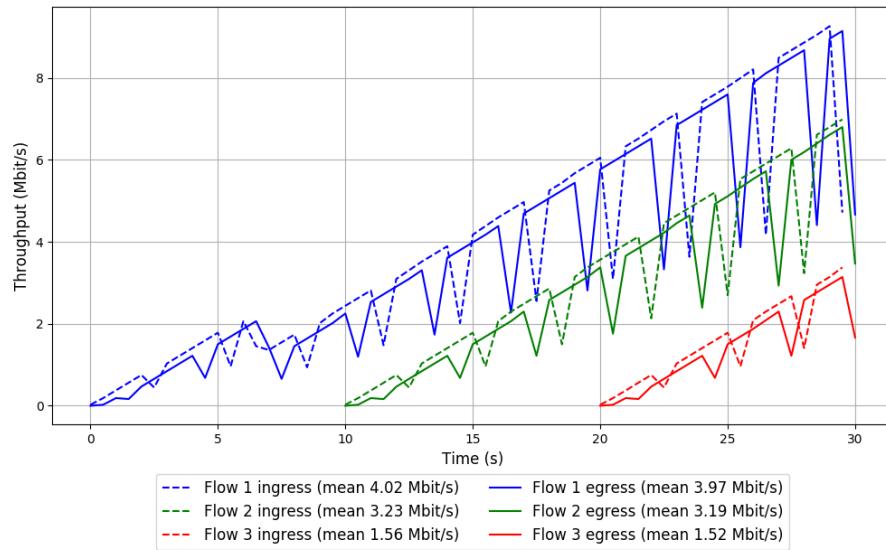


Run 9: Statistics of LEDBAT

```
Start at: 2018-07-01 07:48:06
End at: 2018-07-01 07:48:36
Local clock offset: -0.14 ms
Remote clock offset: -0.275 ms

# Below is generated by plot.py at 2018-07-01 09:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 6.56 Mbit/s
95th percentile per-packet one-way delay: 137.777 ms
Loss rate: 2.50%
-- Flow 1:
Average throughput: 3.97 Mbit/s
95th percentile per-packet one-way delay: 137.980 ms
Loss rate: 1.98%
-- Flow 2:
Average throughput: 3.19 Mbit/s
95th percentile per-packet one-way delay: 137.486 ms
Loss rate: 2.74%
-- Flow 3:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 137.732 ms
Loss rate: 5.56%
```

Run 9: Report of LEDBAT — Data Link

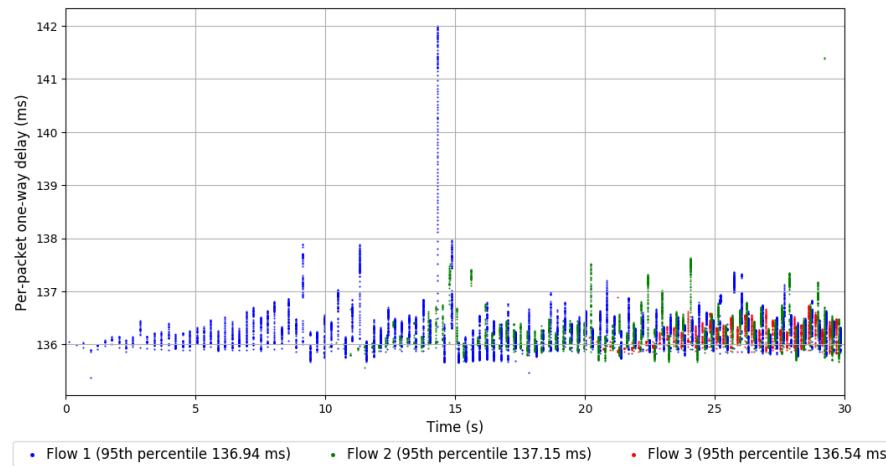
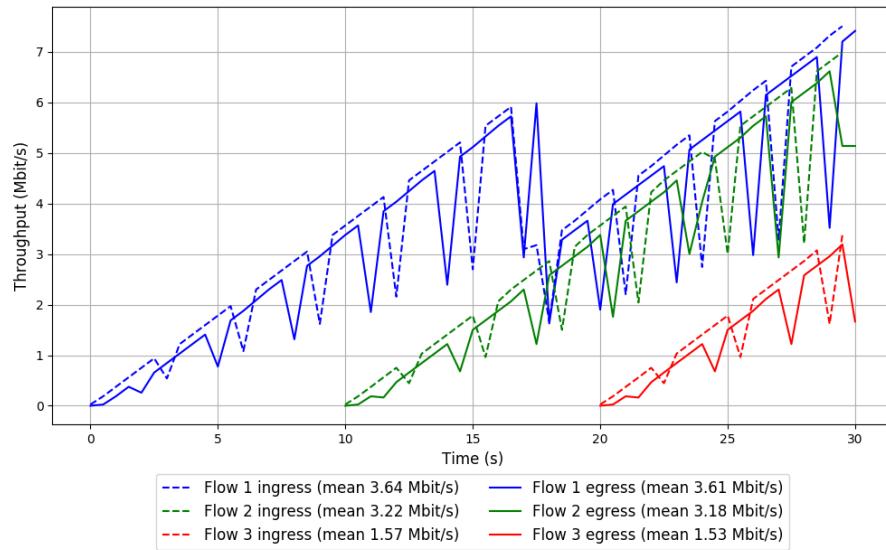


Run 10: Statistics of LEDBAT

```
Start at: 2018-07-01 08:13:59
End at: 2018-07-01 08:14:29
Local clock offset: -0.085 ms
Remote clock offset: 0.017 ms

# Below is generated by plot.py at 2018-07-01 09:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 6.20 Mbit/s
95th percentile per-packet one-way delay: 136.968 ms
Loss rate: 2.39%
-- Flow 1:
Average throughput: 3.61 Mbit/s
95th percentile per-packet one-way delay: 136.937 ms
Loss rate: 1.74%
-- Flow 2:
Average throughput: 3.18 Mbit/s
95th percentile per-packet one-way delay: 137.148 ms
Loss rate: 2.74%
-- Flow 3:
Average throughput: 1.53 Mbit/s
95th percentile per-packet one-way delay: 136.537 ms
Loss rate: 5.55%
```

Run 10: Report of LEDBAT — Data Link

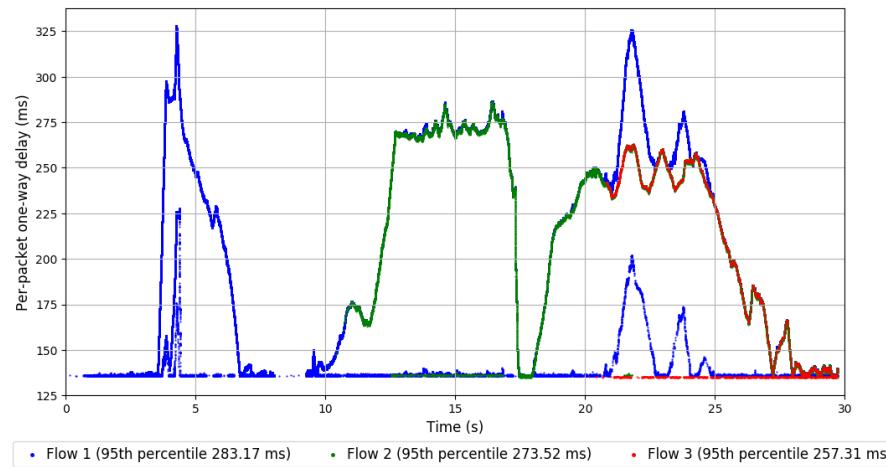
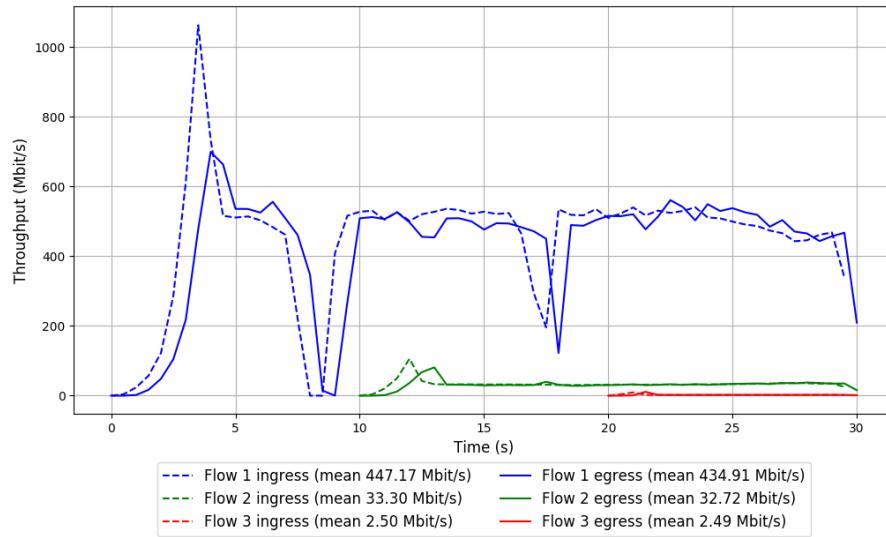


```
Run 1: Statistics of PCC-Allegro
```

```
Start at: 2018-07-01 04:13:27
End at: 2018-07-01 04:13:57
Local clock offset: 0.211 ms
Remote clock offset: 0.074 ms

# Below is generated by plot.py at 2018-07-01 09:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 457.36 Mbit/s
95th percentile per-packet one-way delay: 281.873 ms
Loss rate: 3.60%
-- Flow 1:
Average throughput: 434.91 Mbit/s
95th percentile per-packet one-way delay: 283.171 ms
Loss rate: 3.63%
-- Flow 2:
Average throughput: 32.72 Mbit/s
95th percentile per-packet one-way delay: 273.521 ms
Loss rate: 3.11%
-- Flow 3:
Average throughput: 2.49 Mbit/s
95th percentile per-packet one-way delay: 257.305 ms
Loss rate: 2.82%
```

Run 1: Report of PCC-Allegro — Data Link

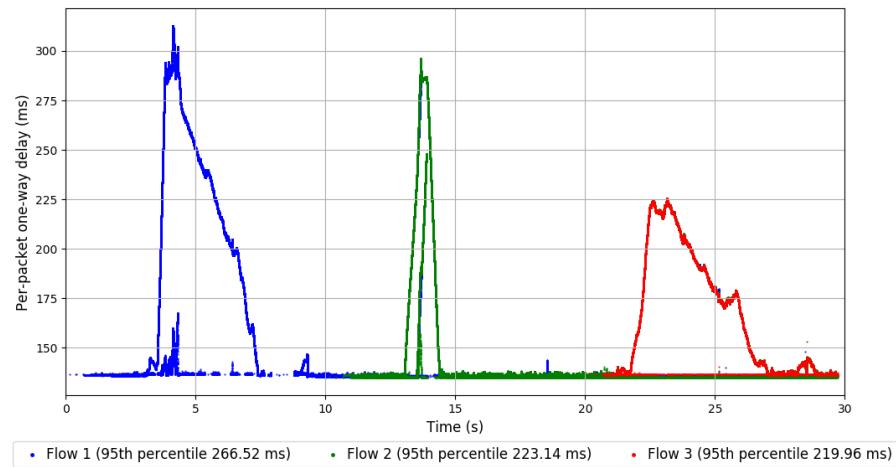
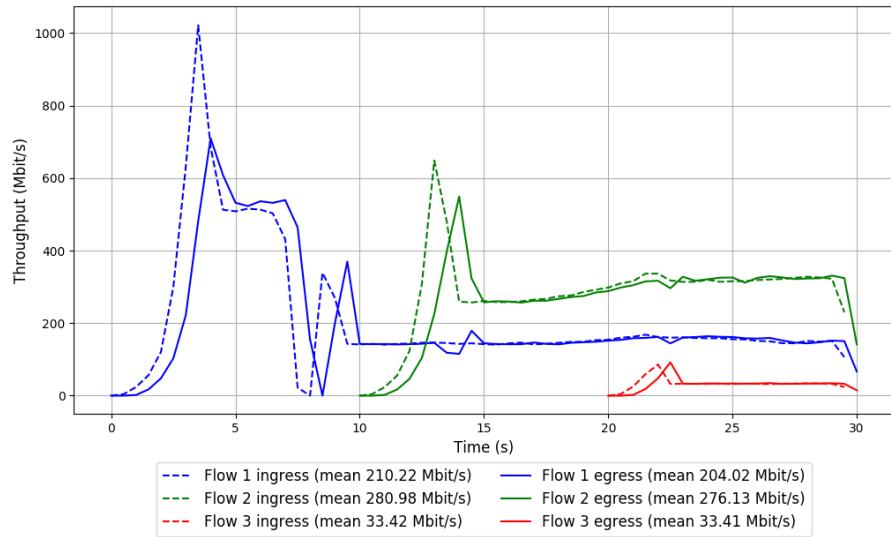


Run 2: Statistics of PCC-Allegro

```
Start at: 2018-07-01 04:39:10
End at: 2018-07-01 04:39:40
Local clock offset: 0.023 ms
Remote clock offset: 0.073 ms

# Below is generated by plot.py at 2018-07-01 09:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 397.60 Mbit/s
95th percentile per-packet one-way delay: 256.715 ms
Loss rate: 3.46%
-- Flow 1:
Average throughput: 204.02 Mbit/s
95th percentile per-packet one-way delay: 266.519 ms
Loss rate: 3.84%
-- Flow 2:
Average throughput: 276.13 Mbit/s
95th percentile per-packet one-way delay: 223.136 ms
Loss rate: 3.08%
-- Flow 3:
Average throughput: 33.41 Mbit/s
95th percentile per-packet one-way delay: 219.955 ms
Loss rate: 2.78%
```

Run 2: Report of PCC-Allegro — Data Link

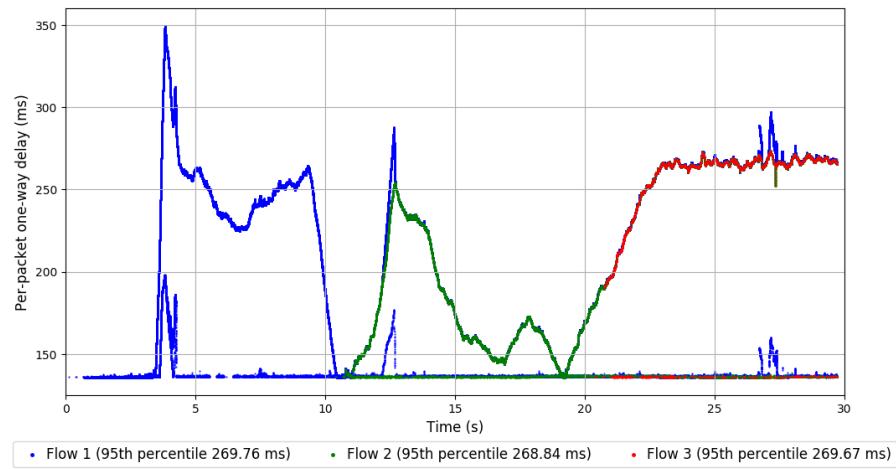
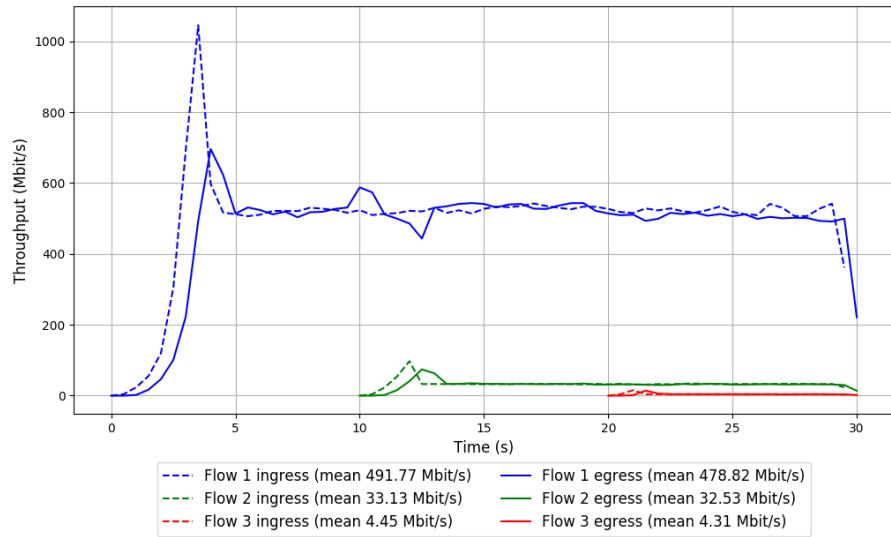


Run 3: Statistics of PCC-Allegro

```
Start at: 2018-07-01 05:04:52
End at: 2018-07-01 05:05:22
Local clock offset: -0.291 ms
Remote clock offset: 0.048 ms

# Below is generated by plot.py at 2018-07-01 09:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 501.70 Mbit/s
95th percentile per-packet one-way delay: 269.703 ms
Loss rate: 3.51%
-- Flow 1:
Average throughput: 478.82 Mbit/s
95th percentile per-packet one-way delay: 269.756 ms
Loss rate: 3.52%
-- Flow 2:
Average throughput: 32.53 Mbit/s
95th percentile per-packet one-way delay: 268.843 ms
Loss rate: 3.14%
-- Flow 3:
Average throughput: 4.31 Mbit/s
95th percentile per-packet one-way delay: 269.672 ms
Loss rate: 5.85%
```

Run 3: Report of PCC-Allegro — Data Link

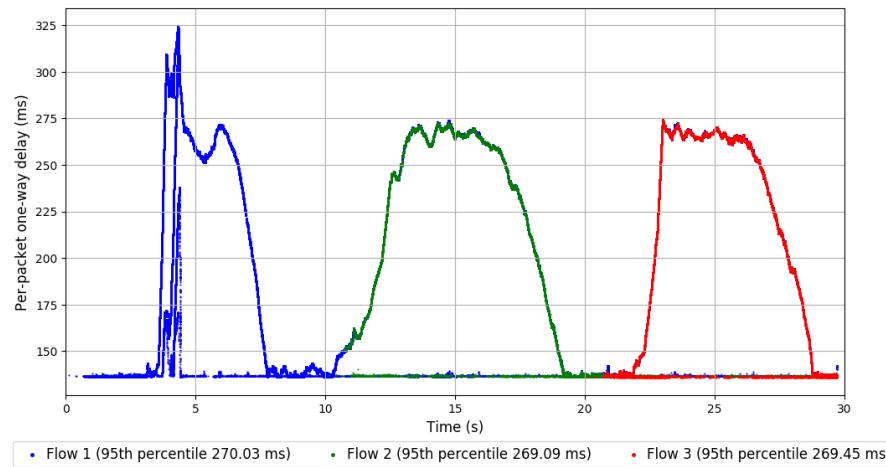
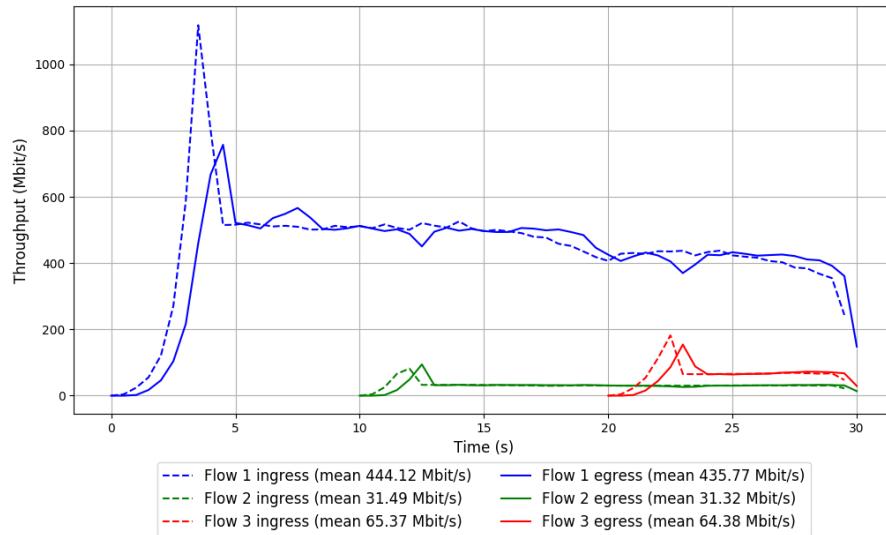


Run 4: Statistics of PCC-Allegro

```
Start at: 2018-07-01 05:30:34
End at: 2018-07-01 05:31:04
Local clock offset: 0.252 ms
Remote clock offset: 0.121 ms

# Below is generated by plot.py at 2018-07-01 09:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 477.26 Mbit/s
95th percentile per-packet one-way delay: 269.953 ms
Loss rate: 2.81%
-- Flow 1:
Average throughput: 435.77 Mbit/s
95th percentile per-packet one-way delay: 270.029 ms
Loss rate: 2.78%
-- Flow 2:
Average throughput: 31.32 Mbit/s
95th percentile per-packet one-way delay: 269.087 ms
Loss rate: 1.89%
-- Flow 3:
Average throughput: 64.38 Mbit/s
95th percentile per-packet one-way delay: 269.449 ms
Loss rate: 4.24%
```

Run 4: Report of PCC-Allegro — Data Link

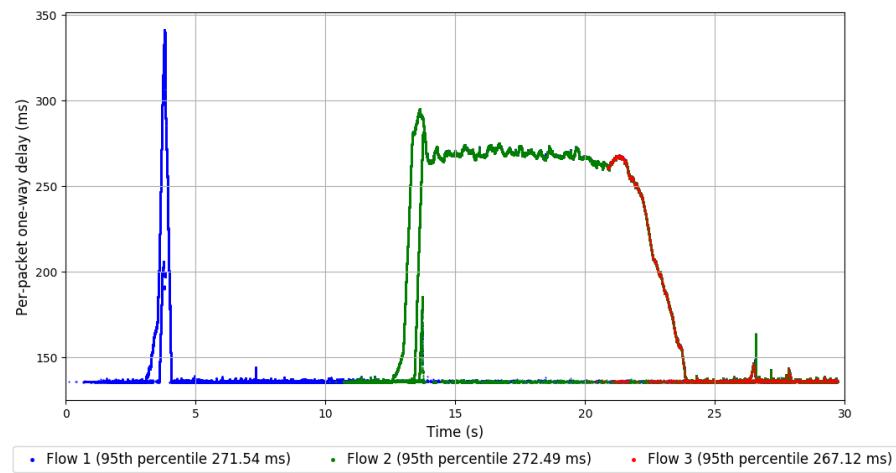
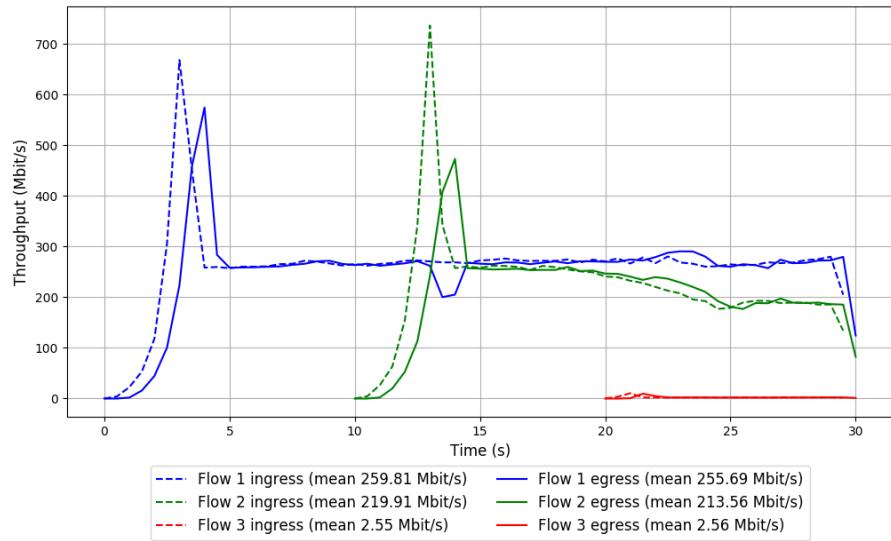


Run 5: Statistics of PCC-Allegro

```
Start at: 2018-07-01 05:56:12
End at: 2018-07-01 05:56:42
Local clock offset: 0.117 ms
Remote clock offset: 0.081 ms

# Below is generated by plot.py at 2018-07-01 09:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 397.87 Mbit/s
95th percentile per-packet one-way delay: 272.000 ms
Loss rate: 3.11%
-- Flow 1:
Average throughput: 255.69 Mbit/s
95th percentile per-packet one-way delay: 271.540 ms
Loss rate: 2.49%
-- Flow 2:
Average throughput: 213.56 Mbit/s
95th percentile per-packet one-way delay: 272.492 ms
Loss rate: 4.22%
-- Flow 3:
Average throughput: 2.56 Mbit/s
95th percentile per-packet one-way delay: 267.120 ms
Loss rate: 2.67%
```

Run 5: Report of PCC-Allegro — Data Link

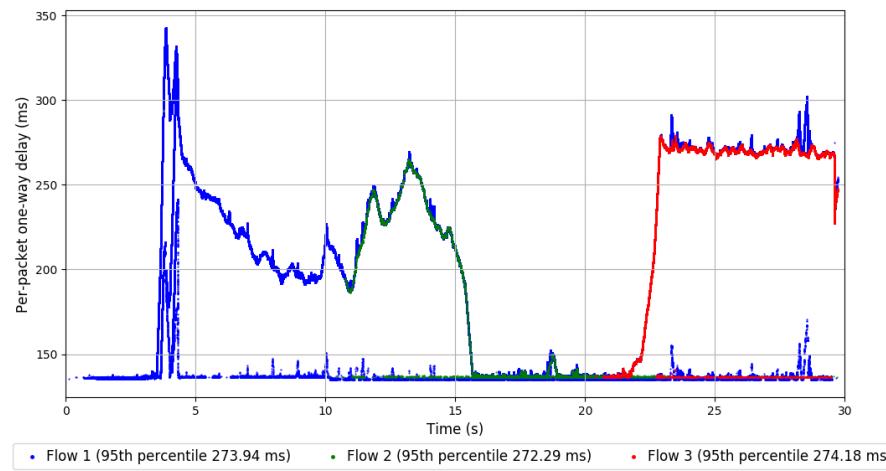
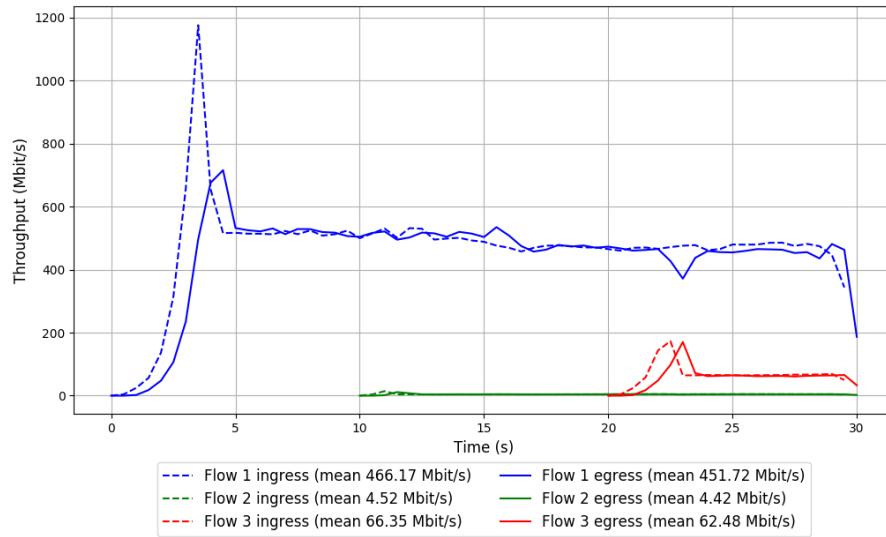


Run 6: Statistics of PCC-Allegro

```
Start at: 2018-07-01 06:22:00
End at: 2018-07-01 06:22:30
Local clock offset: 0.177 ms
Remote clock offset: -0.296 ms

# Below is generated by plot.py at 2018-07-01 09:41:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 474.86 Mbit/s
95th percentile per-packet one-way delay: 273.951 ms
Loss rate: 4.17%
-- Flow 1:
Average throughput: 451.72 Mbit/s
95th percentile per-packet one-way delay: 273.945 ms
Loss rate: 3.98%
-- Flow 2:
Average throughput: 4.42 Mbit/s
95th percentile per-packet one-way delay: 272.294 ms
Loss rate: 3.43%
-- Flow 3:
Average throughput: 62.48 Mbit/s
95th percentile per-packet one-way delay: 274.175 ms
Loss rate: 8.44%
```

Run 6: Report of PCC-Allegro — Data Link

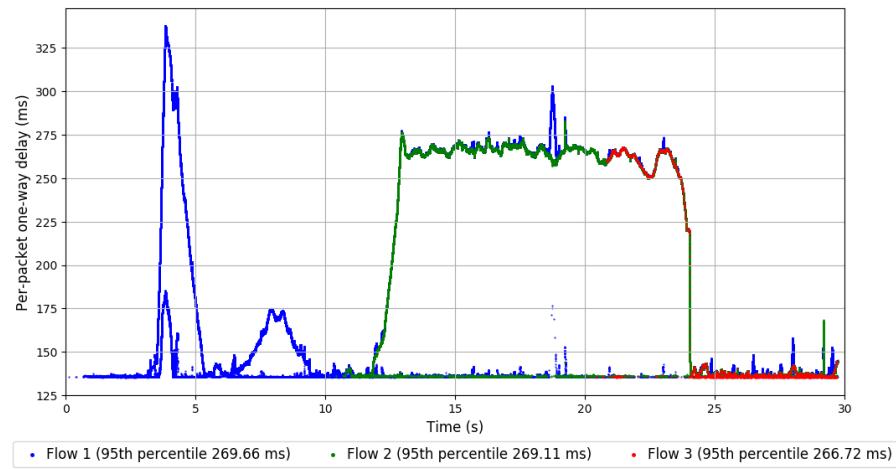
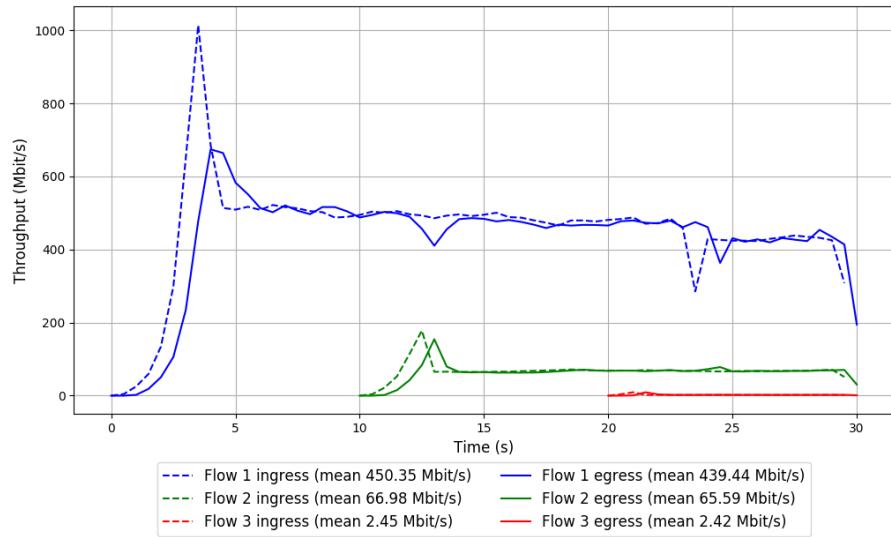


Run 7: Statistics of PCC-Allegro

```
Start at: 2018-07-01 06:48:02
End at: 2018-07-01 06:48:32
Local clock offset: 0.231 ms
Remote clock offset: 0.329 ms

# Below is generated by plot.py at 2018-07-01 09:42:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 483.63 Mbit/s
95th percentile per-packet one-way delay: 269.569 ms
Loss rate: 3.32%
-- Flow 1:
Average throughput: 439.44 Mbit/s
95th percentile per-packet one-way delay: 269.659 ms
Loss rate: 3.31%
-- Flow 2:
Average throughput: 65.59 Mbit/s
95th percentile per-packet one-way delay: 269.107 ms
Loss rate: 3.42%
-- Flow 3:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 266.721 ms
Loss rate: 3.88%
```

Run 7: Report of PCC-Allegro — Data Link

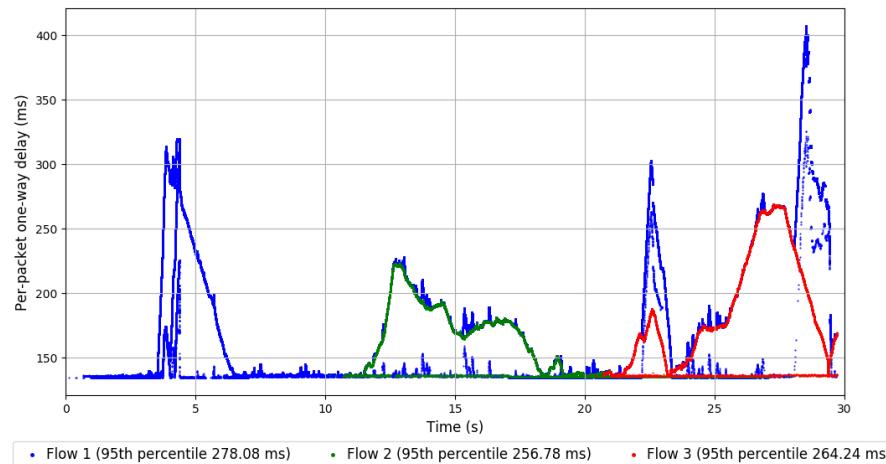
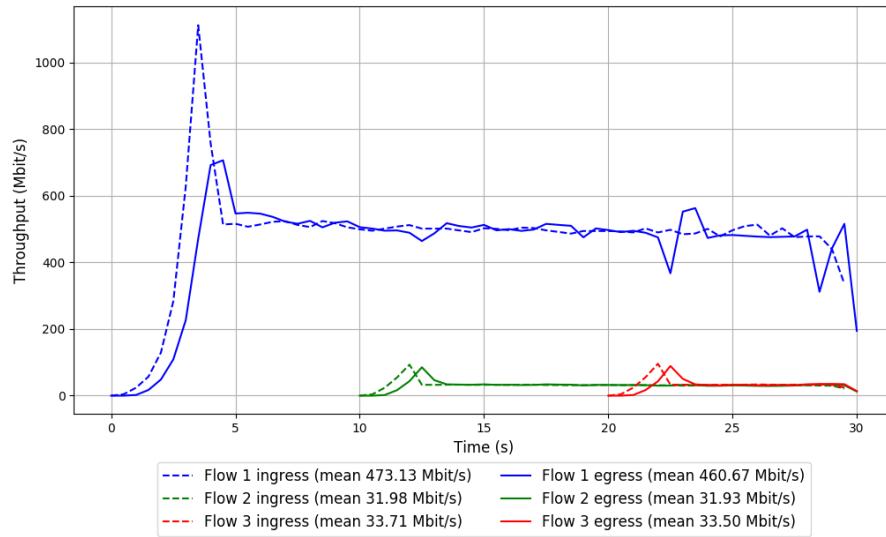


Run 8: Statistics of PCC-Allegro

```
Start at: 2018-07-01 07:13:33
End at: 2018-07-01 07:14:03
Local clock offset: -0.04 ms
Remote clock offset: 0.357 ms

# Below is generated by plot.py at 2018-07-01 09:43:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 492.62 Mbit/s
95th percentile per-packet one-way delay: 274.857 ms
Loss rate: 3.44%
-- Flow 1:
Average throughput: 460.67 Mbit/s
95th percentile per-packet one-way delay: 278.082 ms
Loss rate: 3.52%
-- Flow 2:
Average throughput: 31.93 Mbit/s
95th percentile per-packet one-way delay: 256.784 ms
Loss rate: 1.53%
-- Flow 3:
Average throughput: 33.50 Mbit/s
95th percentile per-packet one-way delay: 264.237 ms
Loss rate: 3.38%
```

Run 8: Report of PCC-Allegro — Data Link

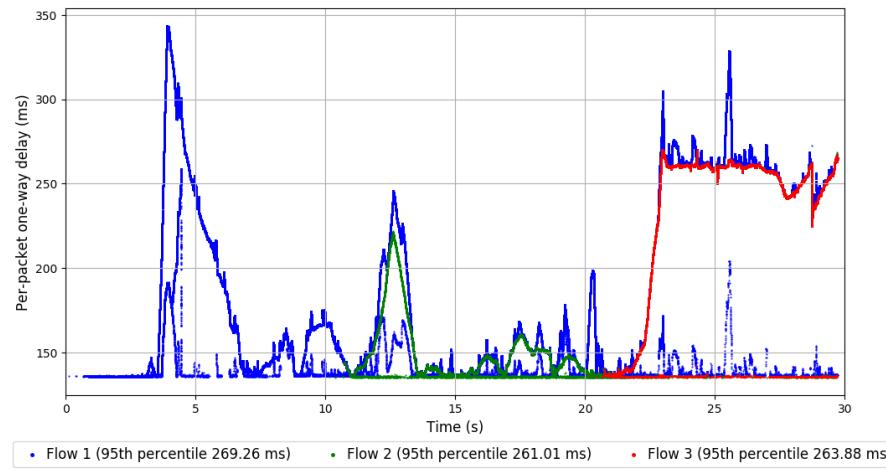
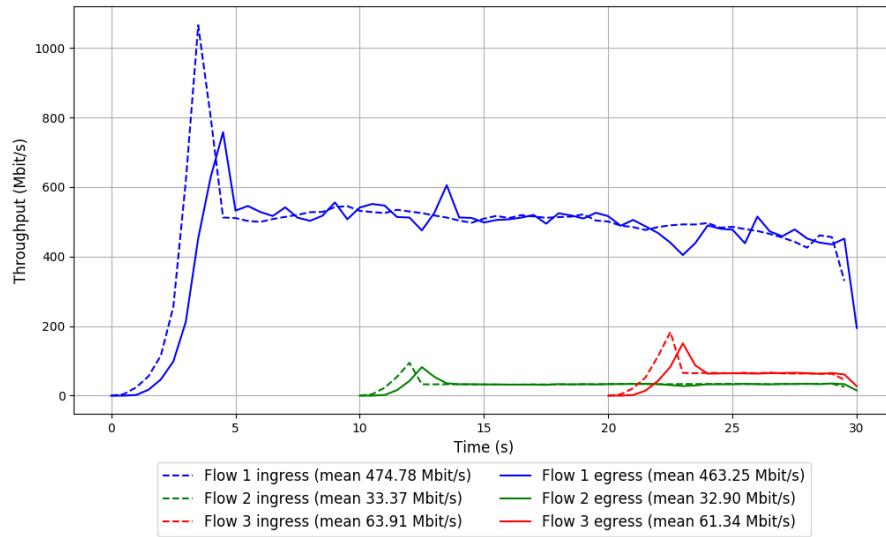


Run 9: Statistics of PCC-Allegro

```
Start at: 2018-07-01 07:39:32
End at: 2018-07-01 07:40:02
Local clock offset: 0.213 ms
Remote clock offset: 0.405 ms

# Below is generated by plot.py at 2018-07-01 09:44:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 504.85 Mbit/s
95th percentile per-packet one-way delay: 268.148 ms
Loss rate: 3.43%
-- Flow 1:
Average throughput: 463.25 Mbit/s
95th percentile per-packet one-way delay: 269.262 ms
Loss rate: 3.32%
-- Flow 2:
Average throughput: 32.90 Mbit/s
95th percentile per-packet one-way delay: 261.013 ms
Loss rate: 2.75%
-- Flow 3:
Average throughput: 61.34 Mbit/s
95th percentile per-packet one-way delay: 263.885 ms
Loss rate: 6.67%
```

Run 9: Report of PCC-Allegro — Data Link

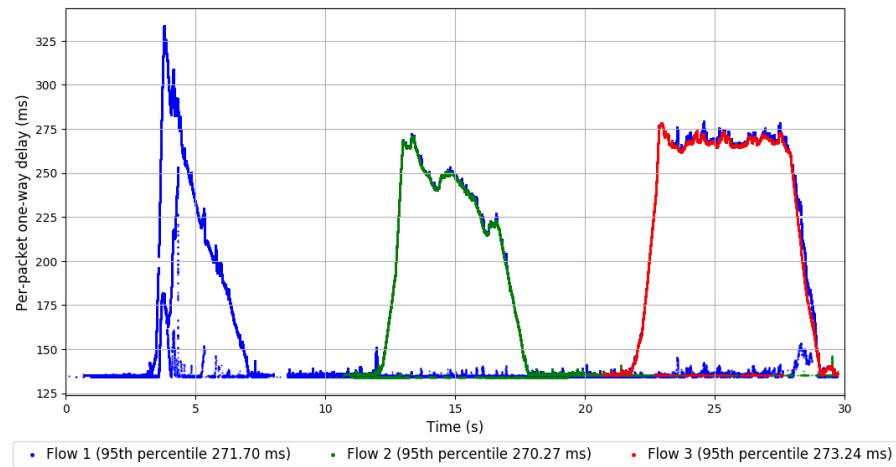
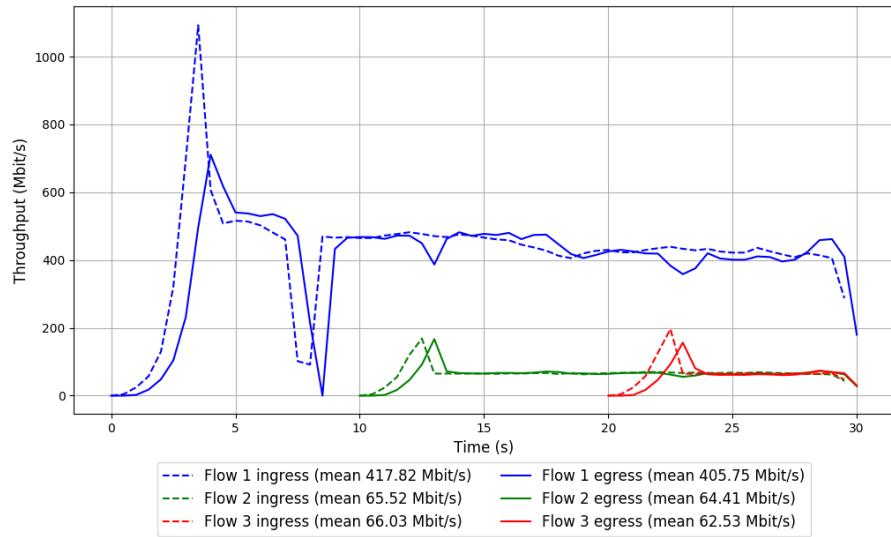


Run 10: Statistics of PCC-Allegro

```
Start at: 2018-07-01 08:05:20
End at: 2018-07-01 08:05:50
Local clock offset: -0.179 ms
Remote clock offset: 0.478 ms

# Below is generated by plot.py at 2018-07-01 09:44:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 468.56 Mbit/s
95th percentile per-packet one-way delay: 271.600 ms
Loss rate: 3.90%
-- Flow 1:
Average throughput: 405.75 Mbit/s
95th percentile per-packet one-way delay: 271.698 ms
Loss rate: 3.78%
-- Flow 2:
Average throughput: 64.41 Mbit/s
95th percentile per-packet one-way delay: 270.271 ms
Loss rate: 3.03%
-- Flow 3:
Average throughput: 62.53 Mbit/s
95th percentile per-packet one-way delay: 273.243 ms
Loss rate: 7.94%
```

Run 10: Report of PCC-Allegro — Data Link

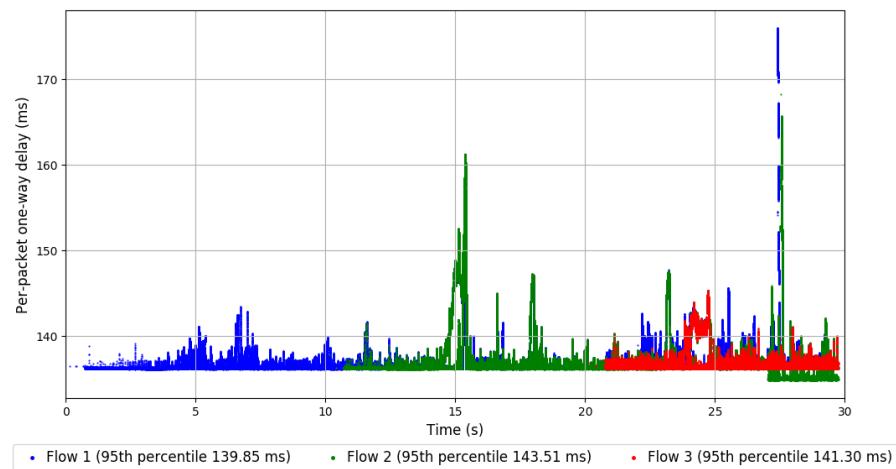
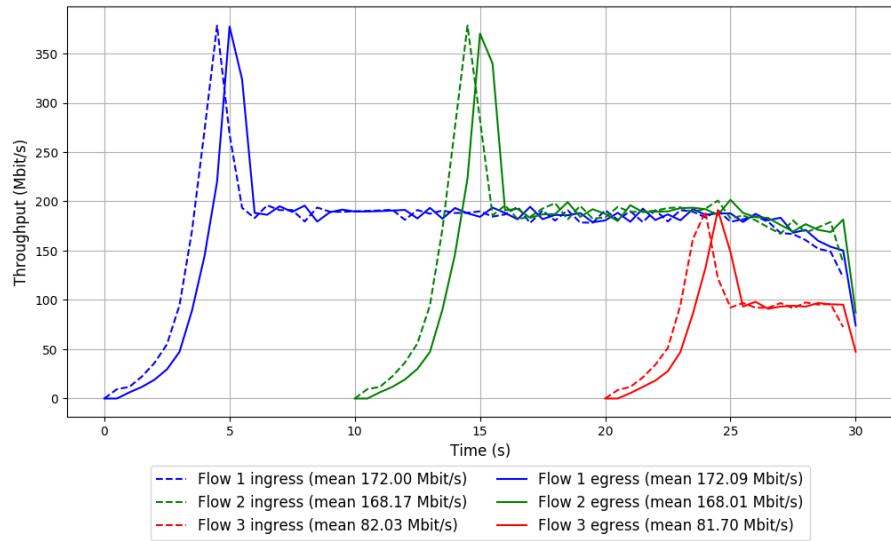


Run 1: Statistics of PCC-Expr

```
Start at: 2018-07-01 04:24:53
End at: 2018-07-01 04:25:23
Local clock offset: -0.006 ms
Remote clock offset: -0.297 ms

# Below is generated by plot.py at 2018-07-01 09:46:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 309.75 Mbit/s
95th percentile per-packet one-way delay: 141.107 ms
Loss rate: 1.29%
-- Flow 1:
Average throughput: 172.09 Mbit/s
95th percentile per-packet one-way delay: 139.851 ms
Loss rate: 0.87%
-- Flow 2:
Average throughput: 168.01 Mbit/s
95th percentile per-packet one-way delay: 143.510 ms
Loss rate: 1.47%
-- Flow 3:
Average throughput: 81.70 Mbit/s
95th percentile per-packet one-way delay: 141.296 ms
Loss rate: 3.17%
```

Run 1: Report of PCC-Expr — Data Link

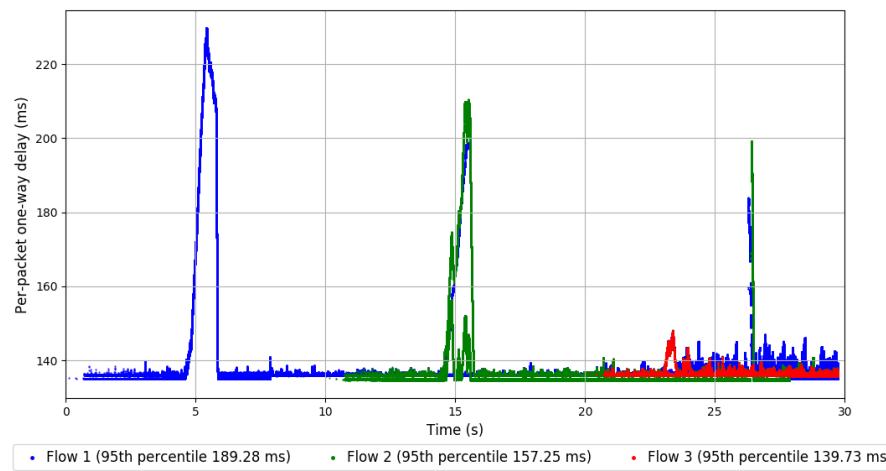
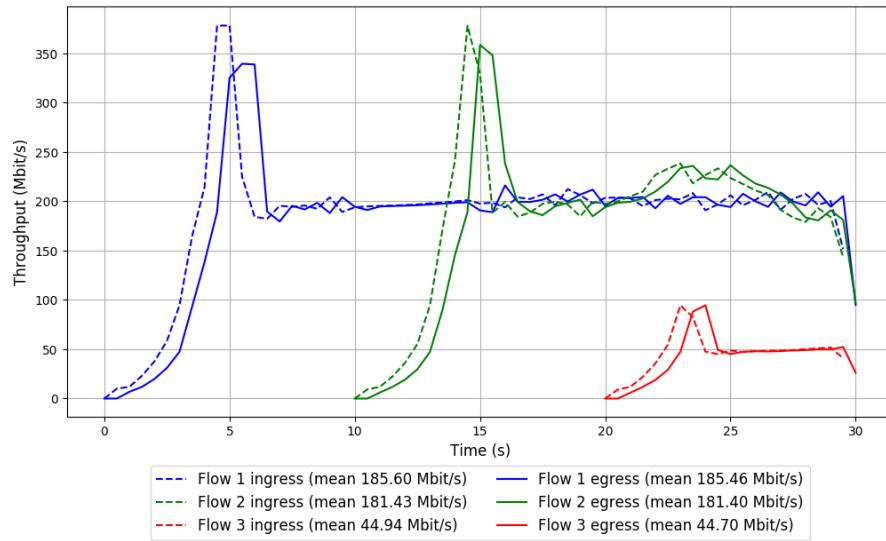


Run 2: Statistics of PCC-Expr

```
Start at: 2018-07-01 04:50:32
End at: 2018-07-01 04:51:02
Local clock offset: -0.169 ms
Remote clock offset: 0.046 ms

# Below is generated by plot.py at 2018-07-01 09:48:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 320.03 Mbit/s
95th percentile per-packet one-way delay: 171.331 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 185.46 Mbit/s
95th percentile per-packet one-way delay: 189.276 ms
Loss rate: 0.98%
-- Flow 2:
Average throughput: 181.40 Mbit/s
95th percentile per-packet one-way delay: 157.249 ms
Loss rate: 1.38%
-- Flow 3:
Average throughput: 44.70 Mbit/s
95th percentile per-packet one-way delay: 139.729 ms
Loss rate: 3.28%
```

Run 2: Report of PCC-Expr — Data Link

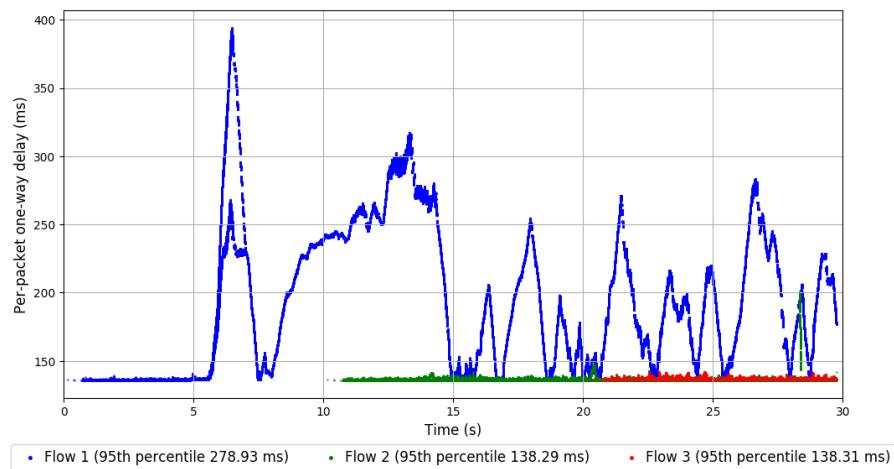
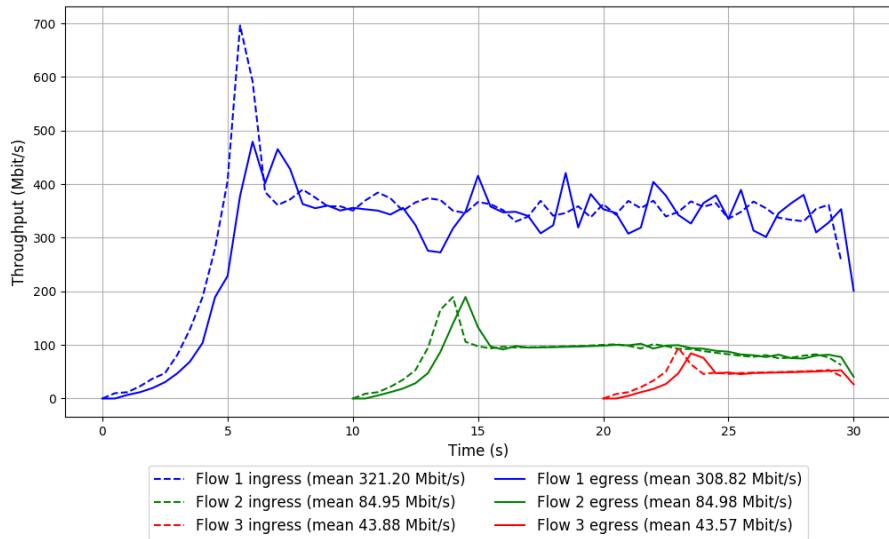


Run 3: Statistics of PCC-Expr

```
Start at: 2018-07-01 05:16:25
End at: 2018-07-01 05:16:55
Local clock offset: 0.077 ms
Remote clock offset: 0.097 ms

# Below is generated by plot.py at 2018-07-01 09:55:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 379.12 Mbit/s
95th percentile per-packet one-way delay: 273.810 ms
Loss rate: 4.19%
-- Flow 1:
Average throughput: 308.82 Mbit/s
95th percentile per-packet one-way delay: 278.925 ms
Loss rate: 4.73%
-- Flow 2:
Average throughput: 84.98 Mbit/s
95th percentile per-packet one-way delay: 138.295 ms
Loss rate: 1.31%
-- Flow 3:
Average throughput: 43.57 Mbit/s
95th percentile per-packet one-way delay: 138.310 ms
Loss rate: 3.45%
```

Run 3: Report of PCC-Expr — Data Link

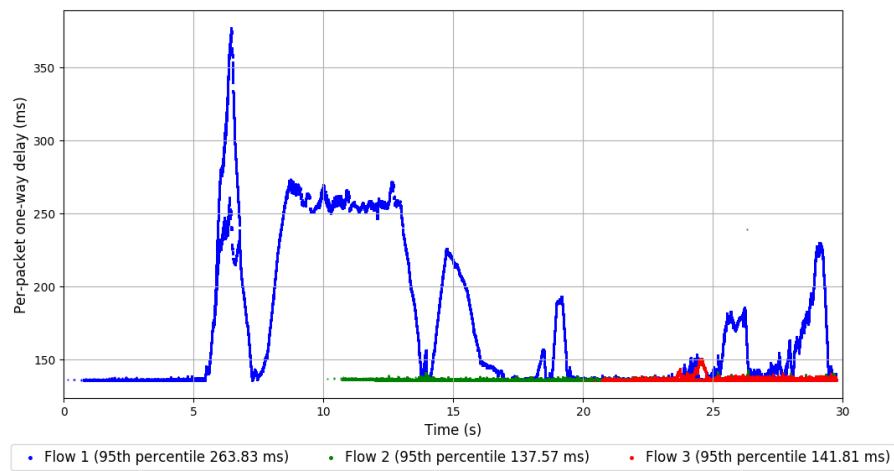
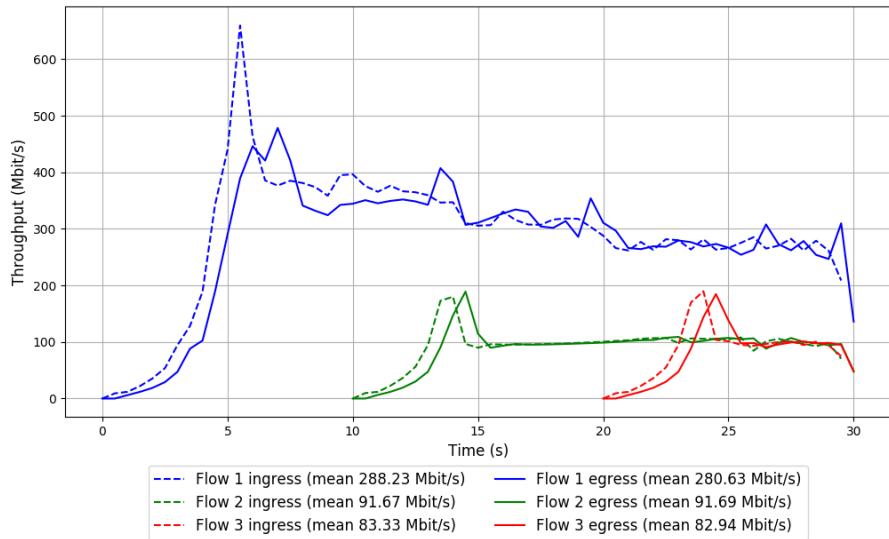


Run 4: Statistics of PCC-Expr

```
Start at: 2018-07-01 05:42:08
End at: 2018-07-01 05:42:38
Local clock offset: 0.191 ms
Remote clock offset: 0.079 ms

# Below is generated by plot.py at 2018-07-01 09:55:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 368.18 Mbit/s
95th percentile per-packet one-way delay: 261.233 ms
Loss rate: 3.16%
-- Flow 1:
Average throughput: 280.63 Mbit/s
95th percentile per-packet one-way delay: 263.834 ms
Loss rate: 3.53%
-- Flow 2:
Average throughput: 91.69 Mbit/s
95th percentile per-packet one-way delay: 137.574 ms
Loss rate: 1.36%
-- Flow 3:
Average throughput: 82.94 Mbit/s
95th percentile per-packet one-way delay: 141.815 ms
Loss rate: 3.23%
```

Run 4: Report of PCC-Expr — Data Link

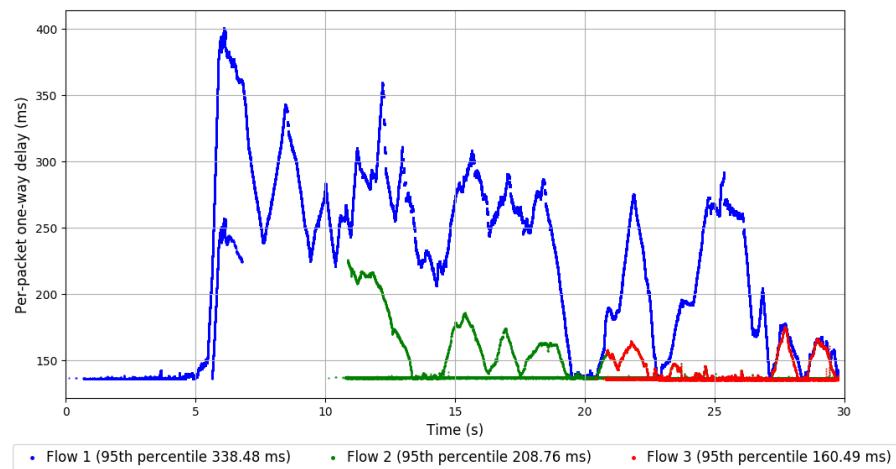
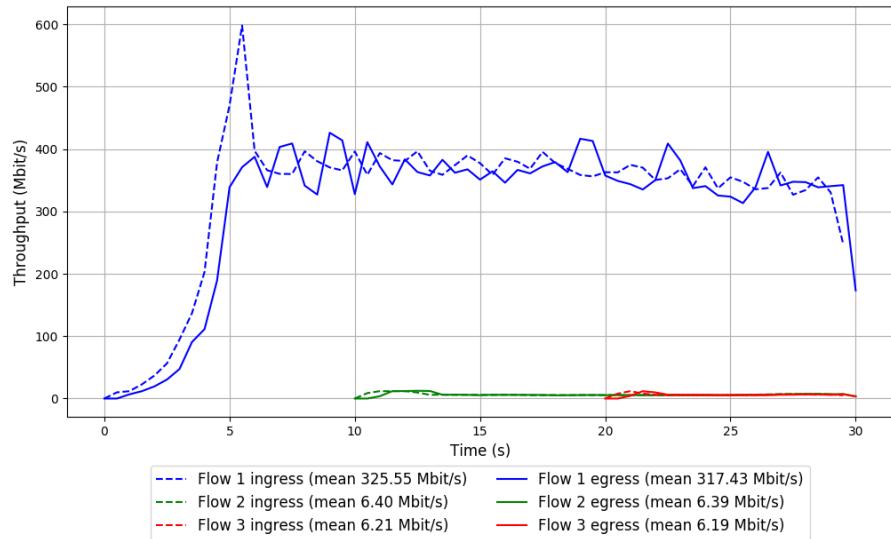


Run 5: Statistics of PCC-Expr

```
Start at: 2018-07-01 06:07:37
End at: 2018-07-01 06:08:07
Local clock offset: 0.199 ms
Remote clock offset: 0.102 ms

# Below is generated by plot.py at 2018-07-01 09:55:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 323.66 Mbit/s
95th percentile per-packet one-way delay: 337.342 ms
Loss rate: 3.36%
-- Flow 1:
Average throughput: 317.43 Mbit/s
95th percentile per-packet one-way delay: 338.481 ms
Loss rate: 3.39%
-- Flow 2:
Average throughput: 6.39 Mbit/s
95th percentile per-packet one-way delay: 208.756 ms
Loss rate: 1.61%
-- Flow 3:
Average throughput: 6.19 Mbit/s
95th percentile per-packet one-way delay: 160.491 ms
Loss rate: 3.09%
```

Run 5: Report of PCC-Expr — Data Link

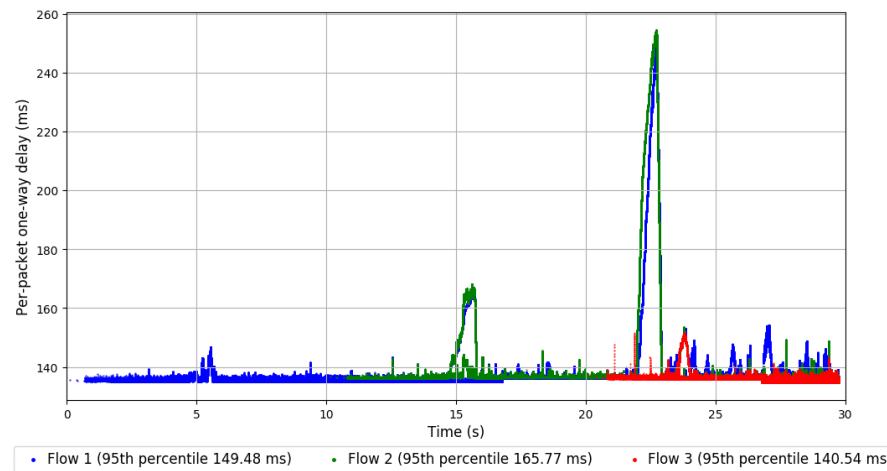
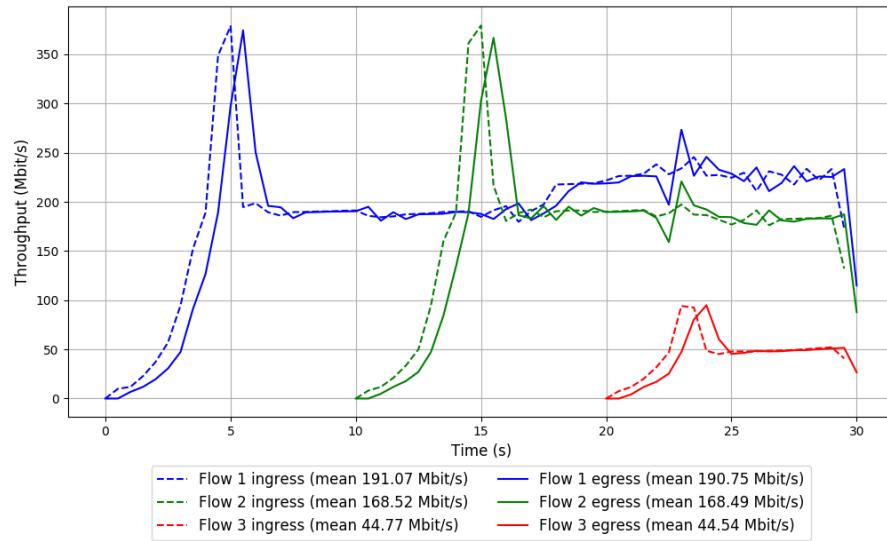


Run 6: Statistics of PCC-Expr

```
Start at: 2018-07-01 06:33:33
End at: 2018-07-01 06:34:03
Local clock offset: 0.125 ms
Remote clock offset: -0.371 ms

# Below is generated by plot.py at 2018-07-01 09:55:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 316.72 Mbit/s
95th percentile per-packet one-way delay: 157.115 ms
Loss rate: 1.29%
-- Flow 1:
Average throughput: 190.75 Mbit/s
95th percentile per-packet one-way delay: 149.481 ms
Loss rate: 1.07%
-- Flow 2:
Average throughput: 168.49 Mbit/s
95th percentile per-packet one-way delay: 165.774 ms
Loss rate: 1.40%
-- Flow 3:
Average throughput: 44.54 Mbit/s
95th percentile per-packet one-way delay: 140.536 ms
Loss rate: 3.27%
```

Run 6: Report of PCC-Expr — Data Link

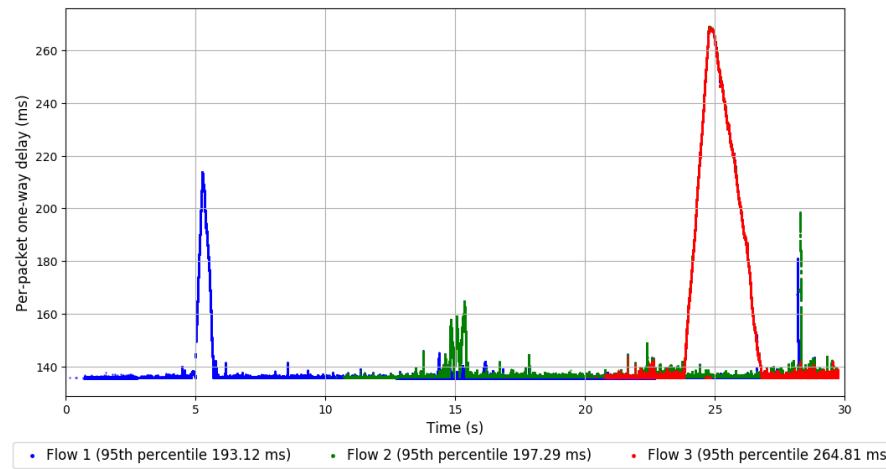
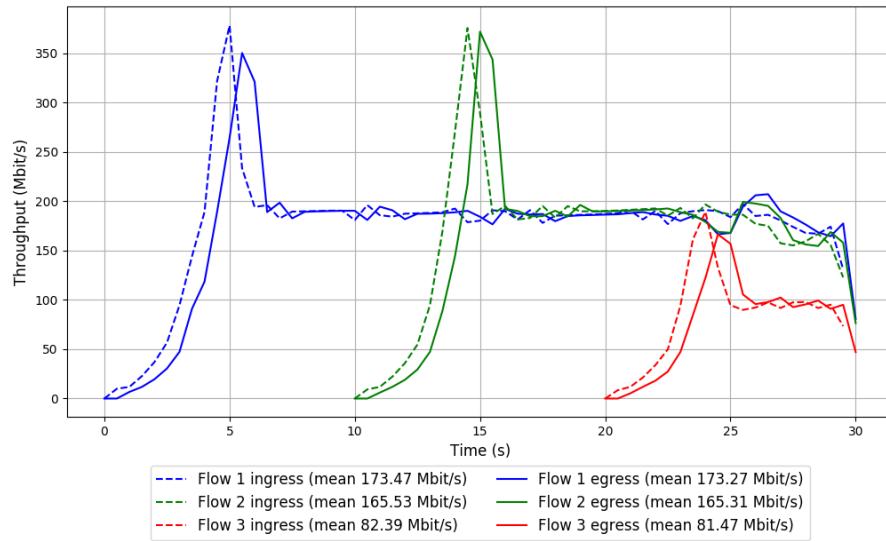


Run 7: Statistics of PCC-Expr

```
Start at: 2018-07-01 06:59:27
End at: 2018-07-01 06:59:57
Local clock offset: 0.393 ms
Remote clock offset: 0.358 ms

# Below is generated by plot.py at 2018-07-01 09:56:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 309.03 Mbit/s
95th percentile per-packet one-way delay: 211.864 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 173.27 Mbit/s
95th percentile per-packet one-way delay: 193.122 ms
Loss rate: 1.03%
-- Flow 2:
Average throughput: 165.31 Mbit/s
95th percentile per-packet one-way delay: 197.291 ms
Loss rate: 1.53%
-- Flow 3:
Average throughput: 81.47 Mbit/s
95th percentile per-packet one-way delay: 264.808 ms
Loss rate: 3.86%
```

Run 7: Report of PCC-Expr — Data Link

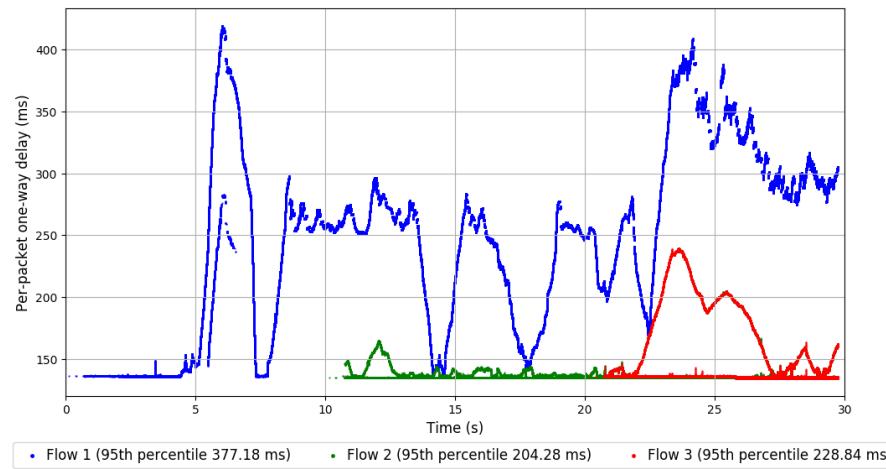
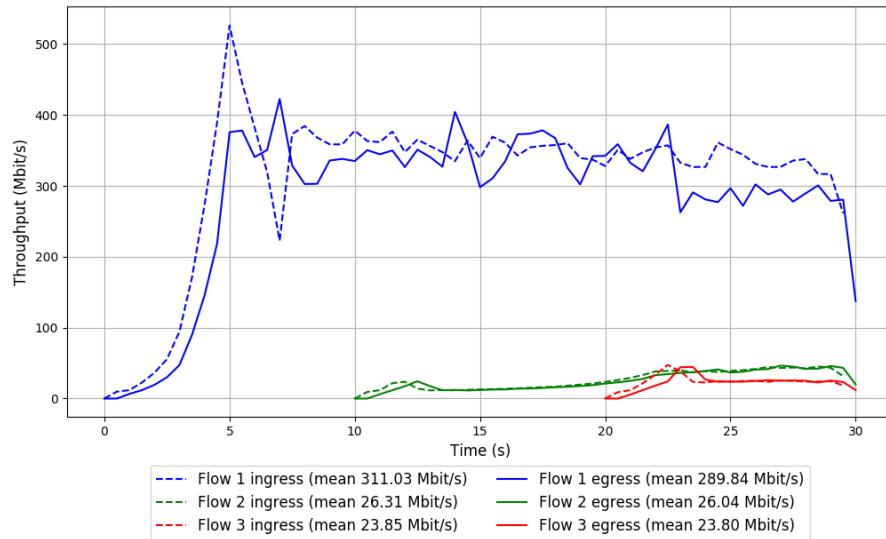


Run 8: Statistics of PCC-Expr

```
Start at: 2018-07-01 07:25:04
End at: 2018-07-01 07:25:34
Local clock offset: 0.202 ms
Remote clock offset: 0.297 ms

# Below is generated by plot.py at 2018-07-01 09:57:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 314.78 Mbit/s
95th percentile per-packet one-way delay: 374.289 ms
Loss rate: 7.28%
-- Flow 1:
Average throughput: 289.84 Mbit/s
95th percentile per-packet one-way delay: 377.180 ms
Loss rate: 7.67%
-- Flow 2:
Average throughput: 26.04 Mbit/s
95th percentile per-packet one-way delay: 204.280 ms
Loss rate: 2.36%
-- Flow 3:
Average throughput: 23.80 Mbit/s
95th percentile per-packet one-way delay: 228.839 ms
Loss rate: 2.98%
```

Run 8: Report of PCC-Expr — Data Link

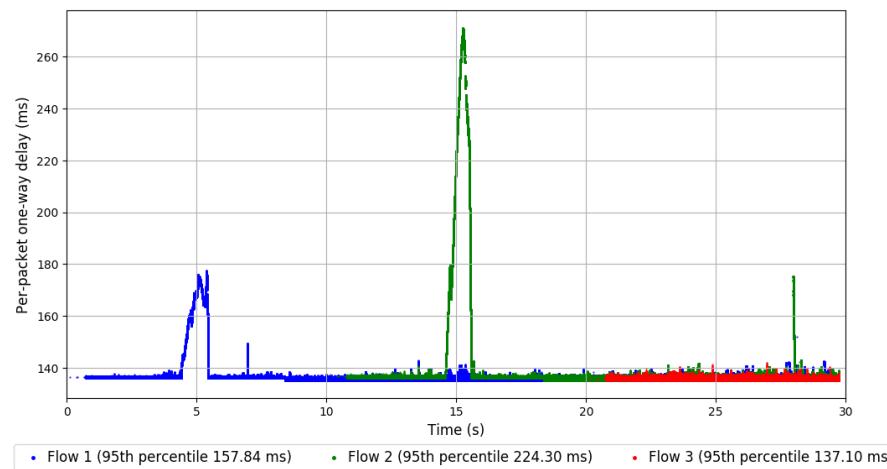
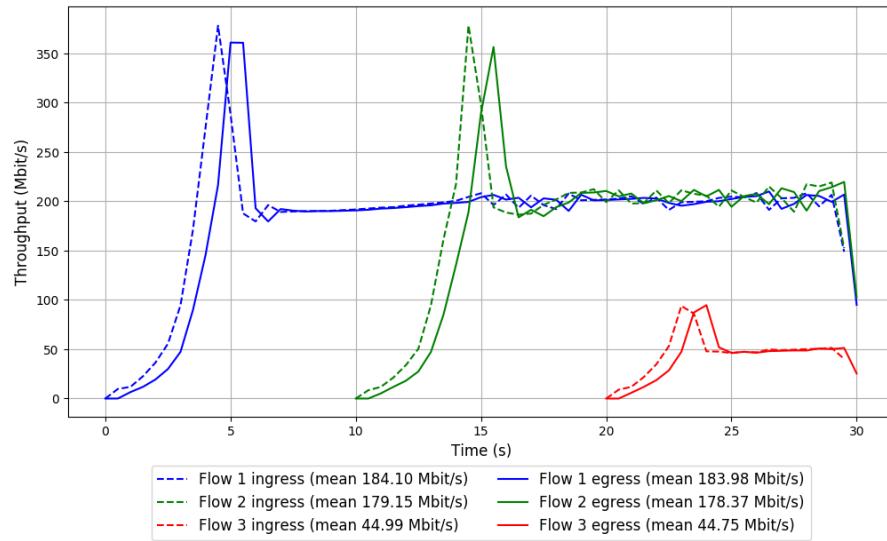


Run 9: Statistics of PCC-Expr

```
Start at: 2018-07-01 07:51:01
End at: 2018-07-01 07:51:31
Local clock offset: -0.062 ms
Remote clock offset: -0.279 ms

# Below is generated by plot.py at 2018-07-01 09:59:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 316.55 Mbit/s
95th percentile per-packet one-way delay: 165.457 ms
Loss rate: 1.39%
-- Flow 1:
Average throughput: 183.98 Mbit/s
95th percentile per-packet one-way delay: 157.840 ms
Loss rate: 0.98%
-- Flow 2:
Average throughput: 178.37 Mbit/s
95th percentile per-packet one-way delay: 224.299 ms
Loss rate: 1.80%
-- Flow 3:
Average throughput: 44.75 Mbit/s
95th percentile per-packet one-way delay: 137.096 ms
Loss rate: 3.26%
```

Run 9: Report of PCC-Expr — Data Link

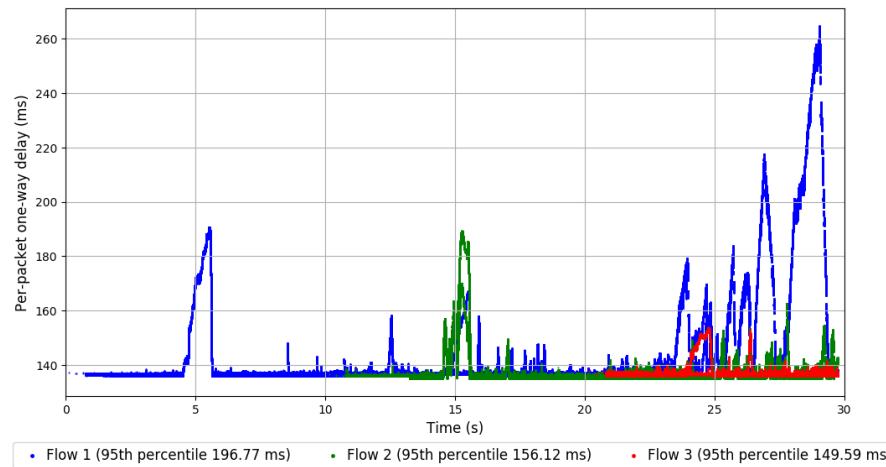
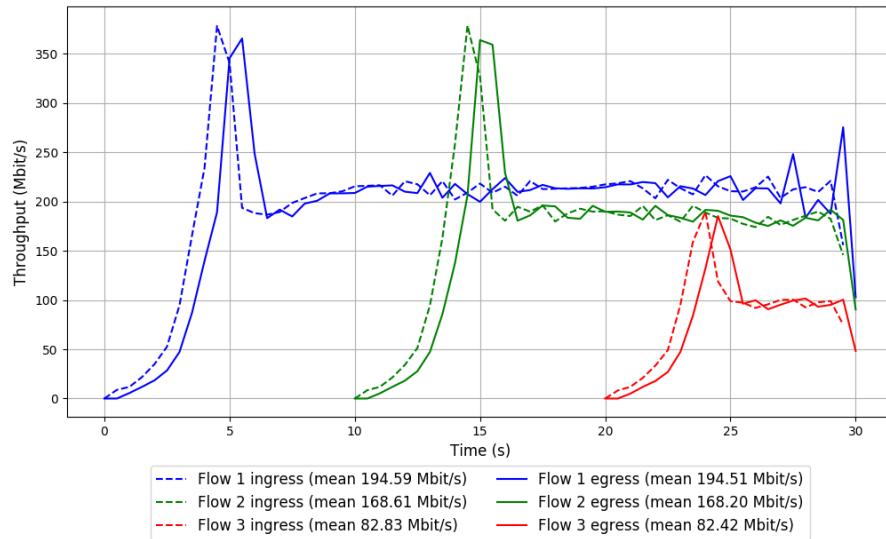


Run 10: Statistics of PCC-Expr

```
Start at: 2018-07-01 08:16:57
End at: 2018-07-01 08:17:27
Local clock offset: -0.004 ms
Remote clock offset: -0.343 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 332.56 Mbit/s
95th percentile per-packet one-way delay: 182.428 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 194.51 Mbit/s
95th percentile per-packet one-way delay: 196.771 ms
Loss rate: 0.95%
-- Flow 2:
Average throughput: 168.20 Mbit/s
95th percentile per-packet one-way delay: 156.125 ms
Loss rate: 1.62%
-- Flow 3:
Average throughput: 82.42 Mbit/s
95th percentile per-packet one-way delay: 149.592 ms
Loss rate: 3.27%
```

Run 10: Report of PCC-Expr — Data Link

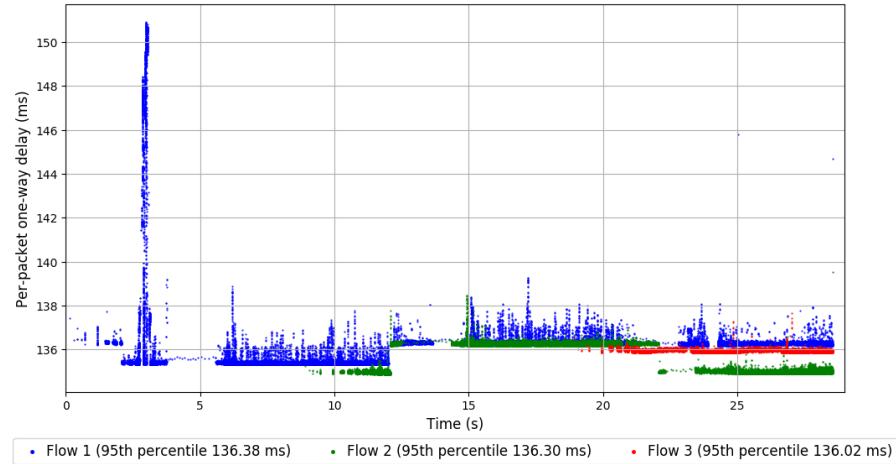
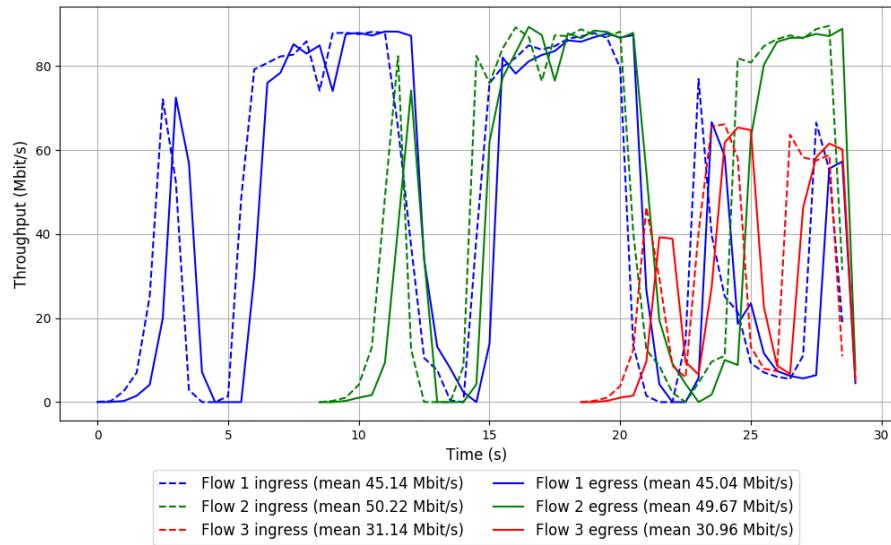


```
Run 1: Statistics of QUIC Cubic

Start at: 2018-07-01 04:07:56
End at: 2018-07-01 04:08:26
Local clock offset: 0.306 ms
Remote clock offset: 0.094 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.85 Mbit/s
95th percentile per-packet one-way delay: 136.327 ms
Loss rate: 1.89%
-- Flow 1:
Average throughput: 45.04 Mbit/s
95th percentile per-packet one-way delay: 136.380 ms
Loss rate: 1.14%
-- Flow 2:
Average throughput: 49.67 Mbit/s
95th percentile per-packet one-way delay: 136.303 ms
Loss rate: 2.43%
-- Flow 3:
Average throughput: 30.96 Mbit/s
95th percentile per-packet one-way delay: 136.021 ms
Loss rate: 3.32%
```

Run 1: Report of QUIC Cubic — Data Link

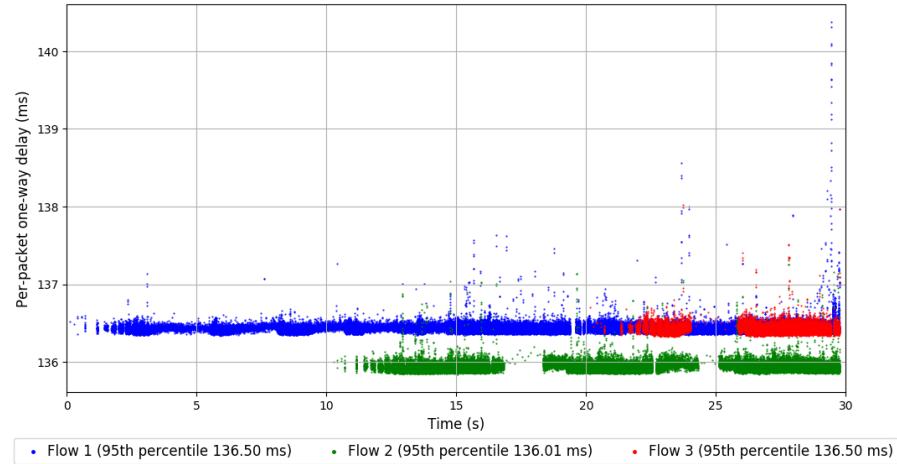
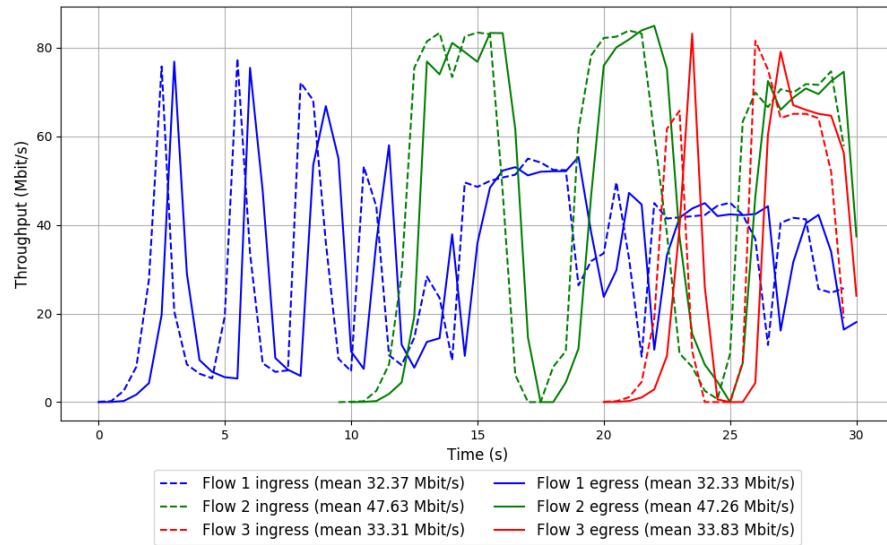


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-07-01 04:33:34
End at: 2018-07-01 04:34:04
Local clock offset: 0.073 ms
Remote clock offset: -0.341 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 74.62 Mbit/s
95th percentile per-packet one-way delay: 136.486 ms
Loss rate: 1.53%
-- Flow 1:
Average throughput: 32.33 Mbit/s
95th percentile per-packet one-way delay: 136.502 ms
Loss rate: 1.04%
-- Flow 2:
Average throughput: 47.26 Mbit/s
95th percentile per-packet one-way delay: 136.013 ms
Loss rate: 2.14%
-- Flow 3:
Average throughput: 33.83 Mbit/s
95th percentile per-packet one-way delay: 136.503 ms
Loss rate: 1.21%
```

Run 2: Report of QUIC Cubic — Data Link

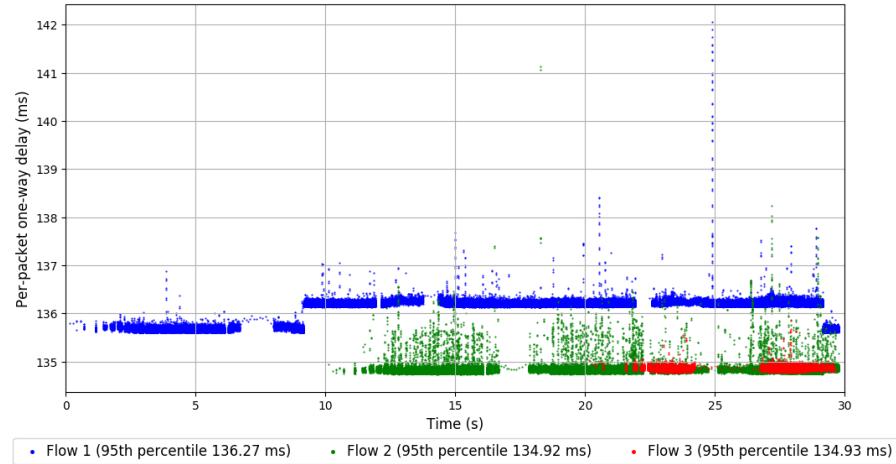
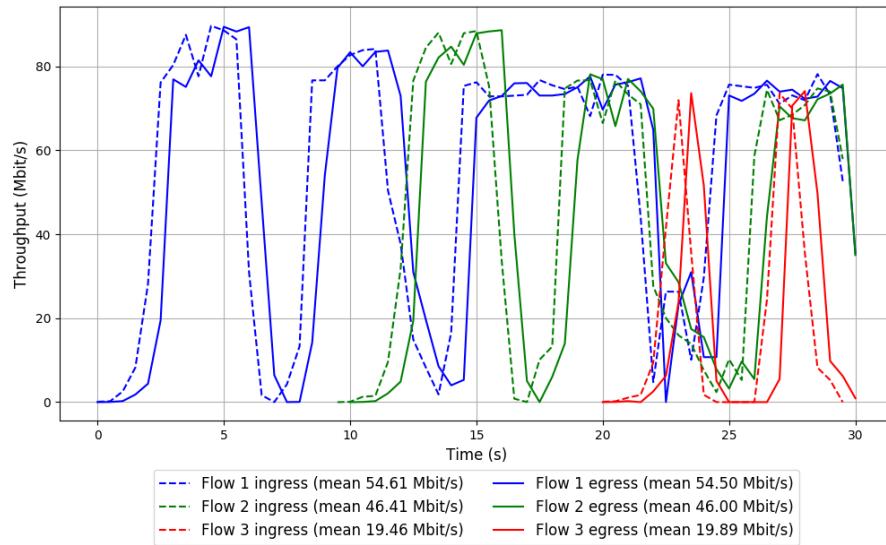


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-07-01 04:59:11
End at: 2018-07-01 04:59:41
Local clock offset: -0.323 ms
Remote clock offset: 0.048 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.41 Mbit/s
95th percentile per-packet one-way delay: 136.250 ms
Loss rate: 1.41%
-- Flow 1:
Average throughput: 54.50 Mbit/s
95th percentile per-packet one-way delay: 136.267 ms
Loss rate: 1.11%
-- Flow 2:
Average throughput: 46.00 Mbit/s
95th percentile per-packet one-way delay: 134.919 ms
Loss rate: 2.25%
-- Flow 3:
Average throughput: 19.89 Mbit/s
95th percentile per-packet one-way delay: 134.928 ms
Loss rate: 0.00%
```

Run 3: Report of QUIC Cubic — Data Link

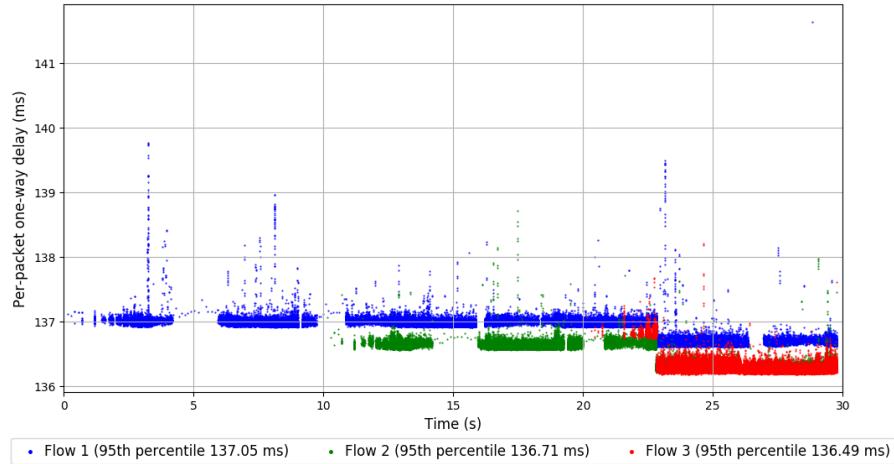
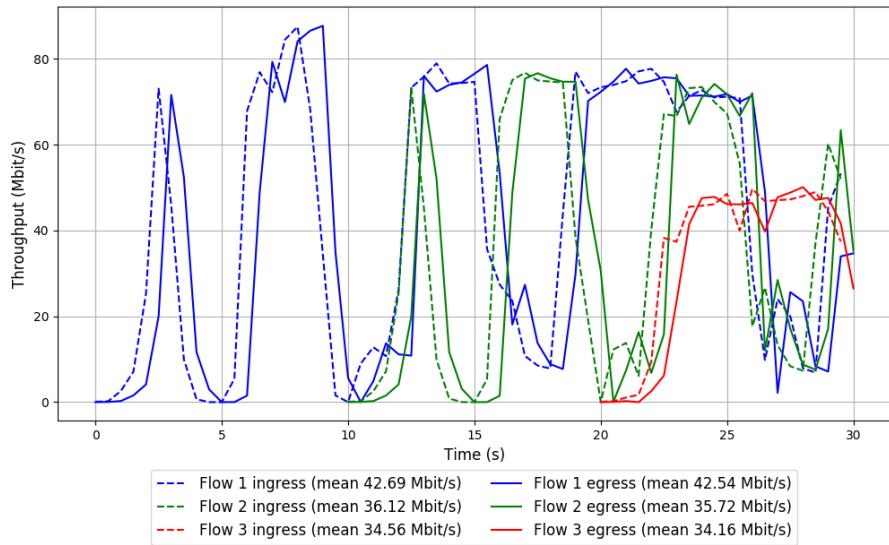


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-07-01 05:24:57
End at: 2018-07-01 05:25:27
Local clock offset: 0.107 ms
Remote clock offset: -0.304 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.29 Mbit/s
95th percentile per-packet one-way delay: 137.031 ms
Loss rate: 2.00%
-- Flow 1:
Average throughput: 42.54 Mbit/s
95th percentile per-packet one-way delay: 137.050 ms
Loss rate: 1.25%
-- Flow 2:
Average throughput: 35.72 Mbit/s
95th percentile per-packet one-way delay: 136.706 ms
Loss rate: 2.46%
-- Flow 3:
Average throughput: 34.16 Mbit/s
95th percentile per-packet one-way delay: 136.486 ms
Loss rate: 3.86%
```

Run 4: Report of QUIC Cubic — Data Link

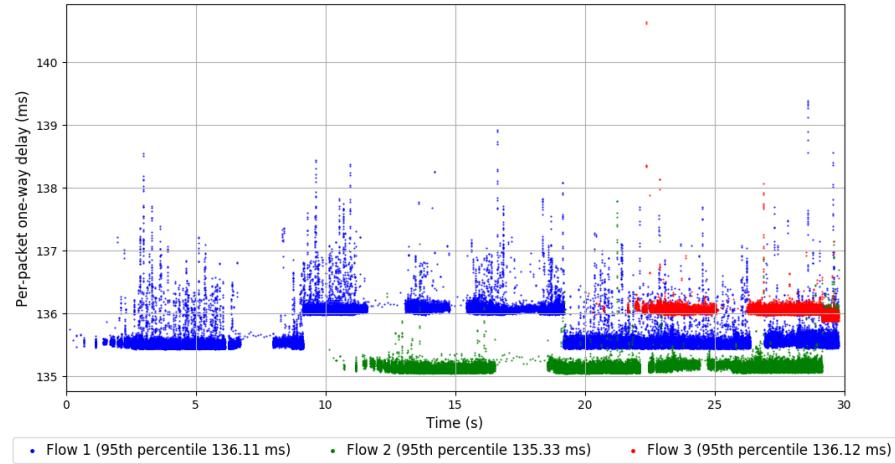
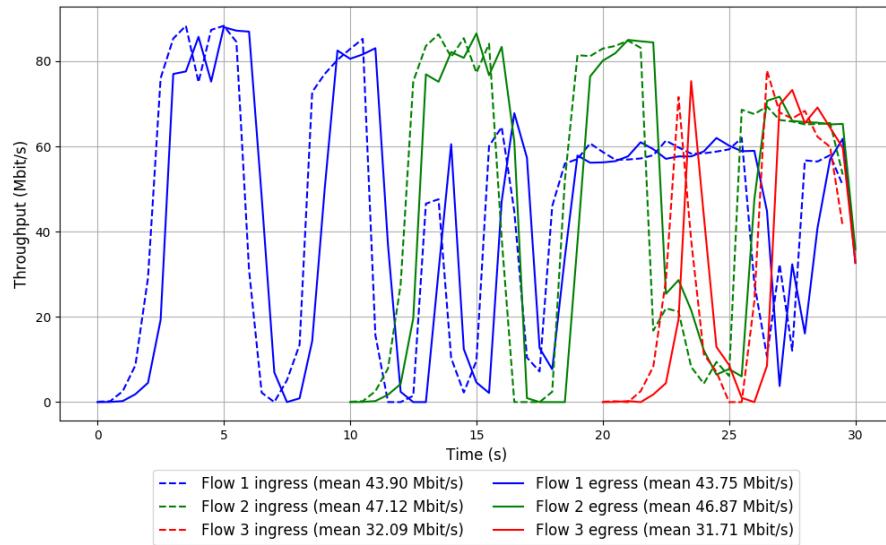


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-07-01 05:50:41
End at: 2018-07-01 05:51:11
Local clock offset: 0.338 ms
Remote clock offset: 0.082 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.10 Mbit/s
95th percentile per-packet one-way delay: 136.096 ms
Loss rate: 1.81%
-- Flow 1:
Average throughput: 43.75 Mbit/s
95th percentile per-packet one-way delay: 136.114 ms
Loss rate: 1.25%
-- Flow 2:
Average throughput: 46.87 Mbit/s
95th percentile per-packet one-way delay: 135.328 ms
Loss rate: 1.89%
-- Flow 3:
Average throughput: 31.71 Mbit/s
95th percentile per-packet one-way delay: 136.122 ms
Loss rate: 3.92%
```

Run 5: Report of QUIC Cubic — Data Link

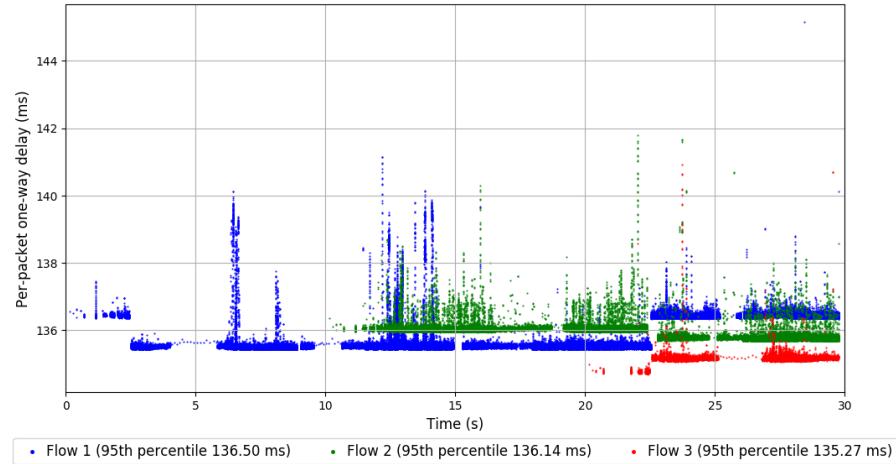
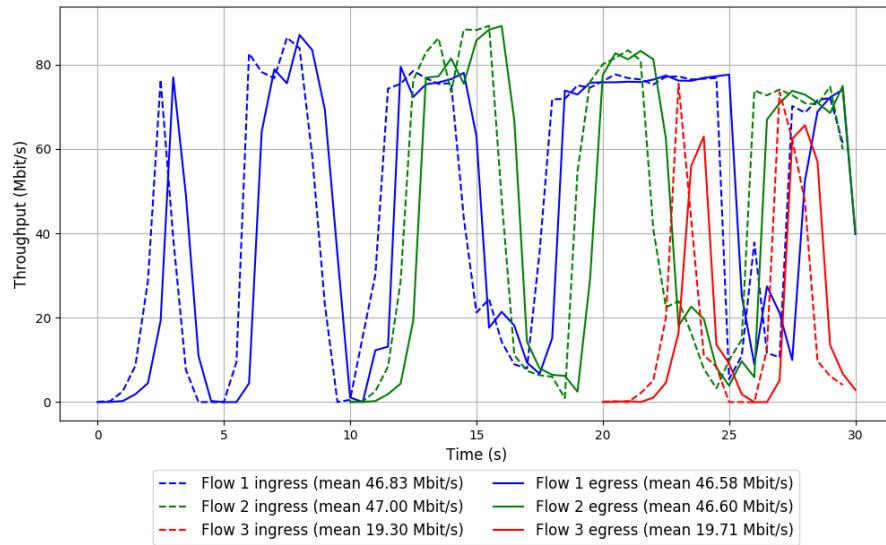


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-07-01 06:16:27
End at: 2018-07-01 06:16:57
Local clock offset: 0.023 ms
Remote clock offset: 0.09 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.84 Mbit/s
95th percentile per-packet one-way delay: 136.472 ms
Loss rate: 1.66%
-- Flow 1:
Average throughput: 46.58 Mbit/s
95th percentile per-packet one-way delay: 136.498 ms
Loss rate: 1.43%
-- Flow 2:
Average throughput: 46.60 Mbit/s
95th percentile per-packet one-way delay: 136.138 ms
Loss rate: 2.20%
-- Flow 3:
Average throughput: 19.71 Mbit/s
95th percentile per-packet one-way delay: 135.271 ms
Loss rate: 0.69%
```

Run 6: Report of QUIC Cubic — Data Link

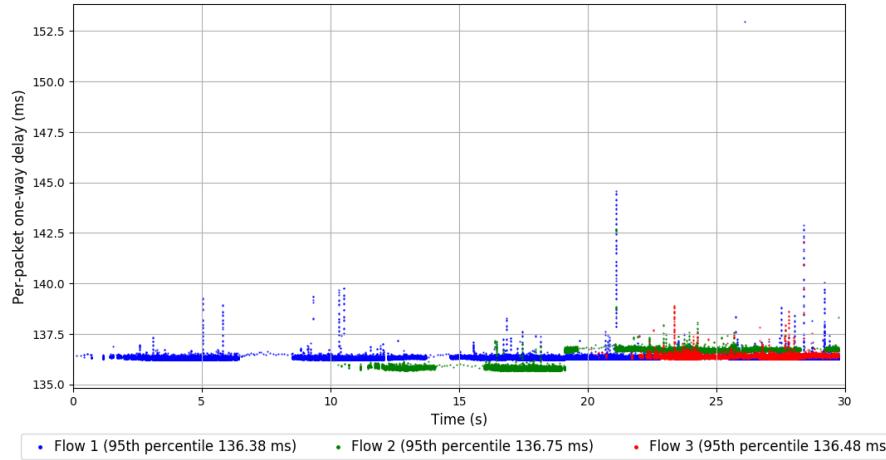
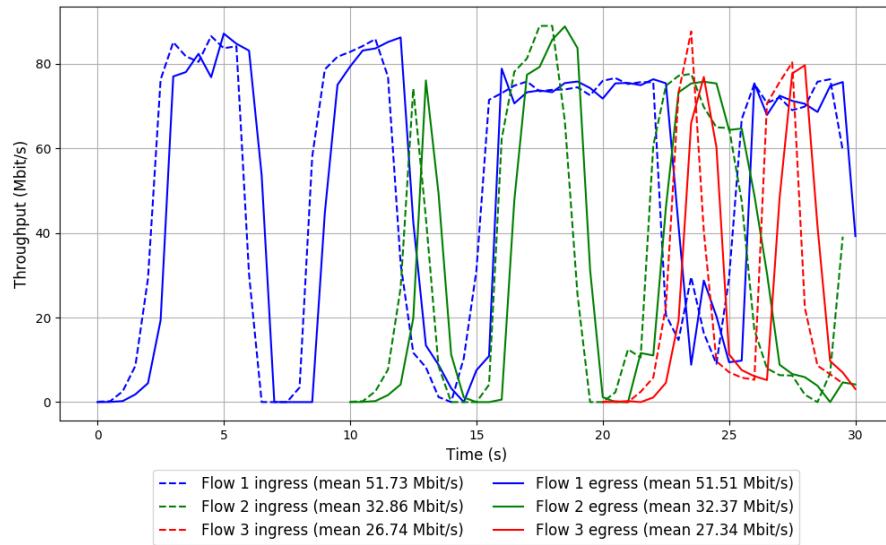


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-07-01 06:42:31
End at: 2018-07-01 06:43:01
Local clock offset: 0.242 ms
Remote clock offset: -0.423 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 81.82 Mbit/s
95th percentile per-packet one-way delay: 136.687 ms
Loss rate: 1.66%
-- Flow 1:
Average throughput: 51.51 Mbit/s
95th percentile per-packet one-way delay: 136.381 ms
Loss rate: 1.34%
-- Flow 2:
Average throughput: 32.37 Mbit/s
95th percentile per-packet one-way delay: 136.751 ms
Loss rate: 2.84%
-- Flow 3:
Average throughput: 27.34 Mbit/s
95th percentile per-packet one-way delay: 136.477 ms
Loss rate: 0.58%
```

Run 7: Report of QUIC Cubic — Data Link

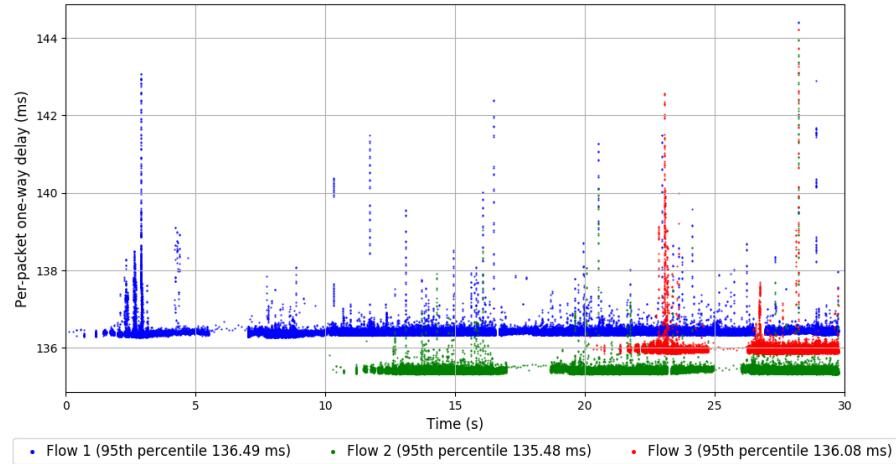
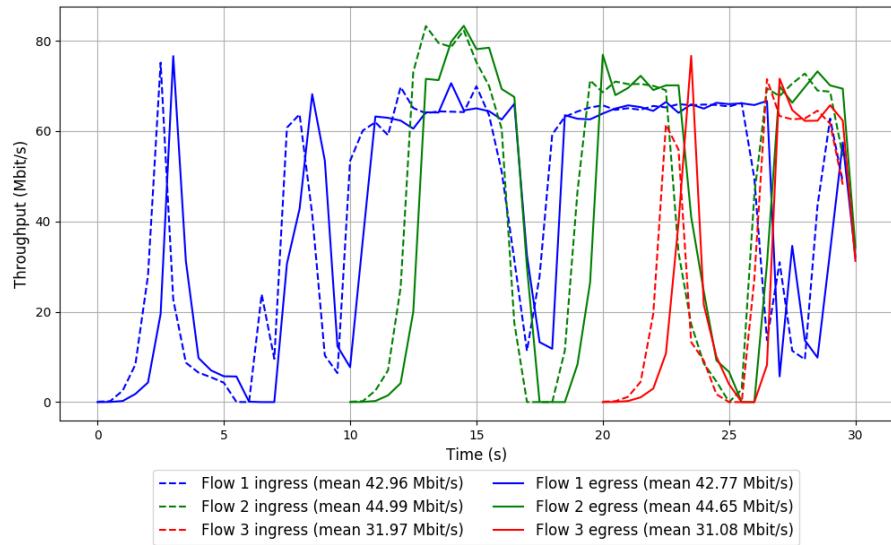


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-07-01 07:08:00
End at: 2018-07-01 07:08:30
Local clock offset: 0.148 ms
Remote clock offset: -0.055 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 82.38 Mbit/s
95th percentile per-packet one-way delay: 136.459 ms
Loss rate: 2.13%
-- Flow 1:
Average throughput: 42.77 Mbit/s
95th percentile per-packet one-way delay: 136.490 ms
Loss rate: 1.35%
-- Flow 2:
Average throughput: 44.65 Mbit/s
95th percentile per-packet one-way delay: 135.481 ms
Loss rate: 2.12%
-- Flow 3:
Average throughput: 31.08 Mbit/s
95th percentile per-packet one-way delay: 136.081 ms
Loss rate: 5.32%
```

Run 8: Report of QUIC Cubic — Data Link

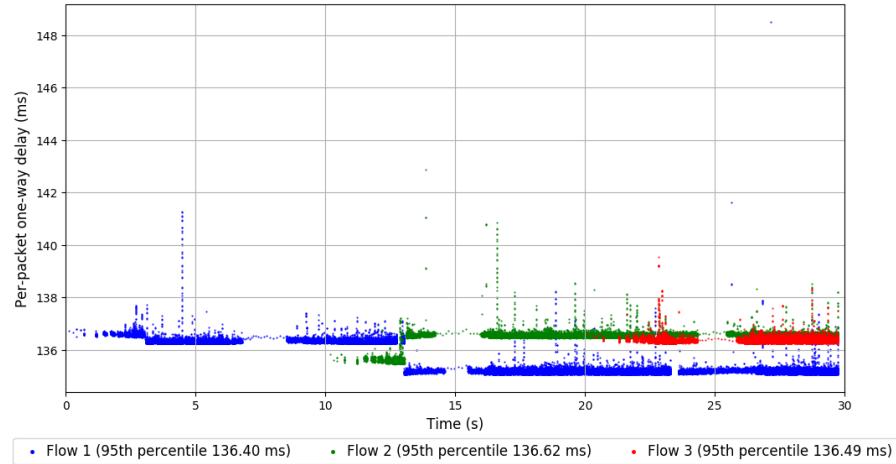
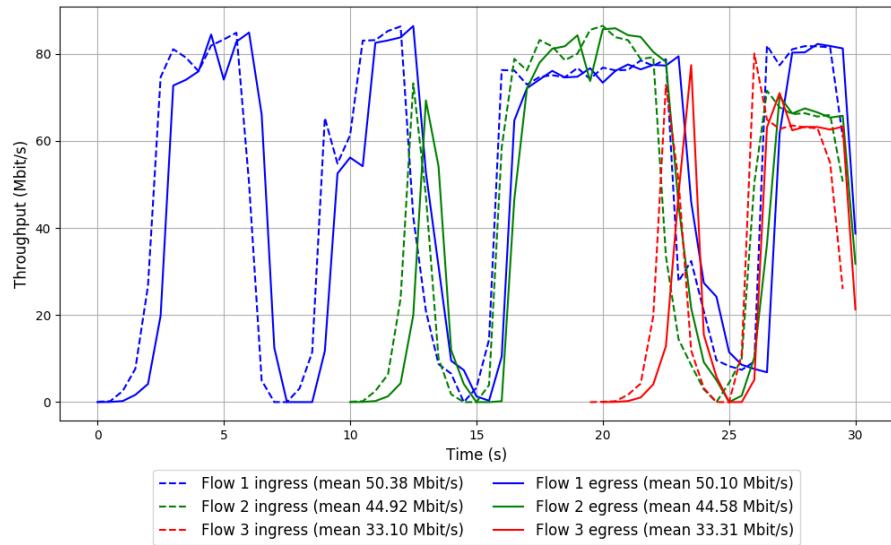


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-07-01 07:33:57
End at: 2018-07-01 07:34:27
Local clock offset: 0.223 ms
Remote clock offset: 0.006 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.37 Mbit/s
95th percentile per-packet one-way delay: 136.587 ms
Loss rate: 1.75%
-- Flow 1:
Average throughput: 50.10 Mbit/s
95th percentile per-packet one-way delay: 136.401 ms
Loss rate: 1.47%
-- Flow 2:
Average throughput: 44.58 Mbit/s
95th percentile per-packet one-way delay: 136.620 ms
Loss rate: 2.09%
-- Flow 3:
Average throughput: 33.31 Mbit/s
95th percentile per-packet one-way delay: 136.488 ms
Loss rate: 2.13%
```

Run 9: Report of QUIC Cubic — Data Link

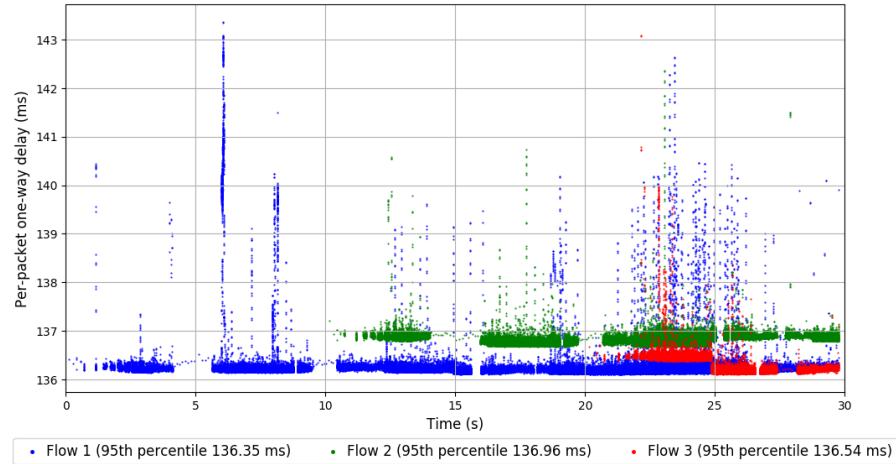
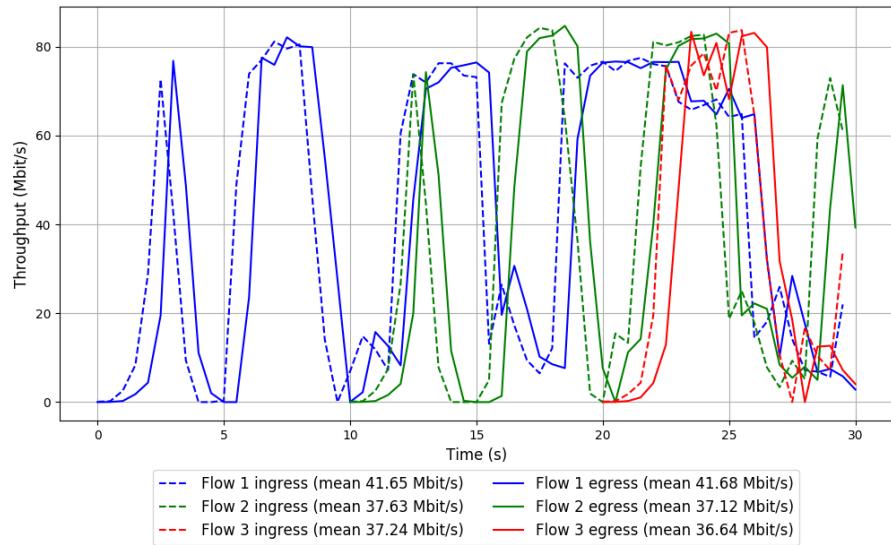


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-07-01 07:59:45
End at: 2018-07-01 08:00:15
Local clock offset: 0.116 ms
Remote clock offset: -0.291 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.13 Mbit/s
95th percentile per-packet one-way delay: 136.912 ms
Loss rate: 1.96%
-- Flow 1:
Average throughput: 41.68 Mbit/s
95th percentile per-packet one-way delay: 136.353 ms
Loss rate: 0.83%
-- Flow 2:
Average throughput: 37.12 Mbit/s
95th percentile per-packet one-way delay: 136.960 ms
Loss rate: 2.70%
-- Flow 3:
Average throughput: 36.64 Mbit/s
95th percentile per-packet one-way delay: 136.538 ms
Loss rate: 4.30%
```

Run 10: Report of QUIC Cubic — Data Link

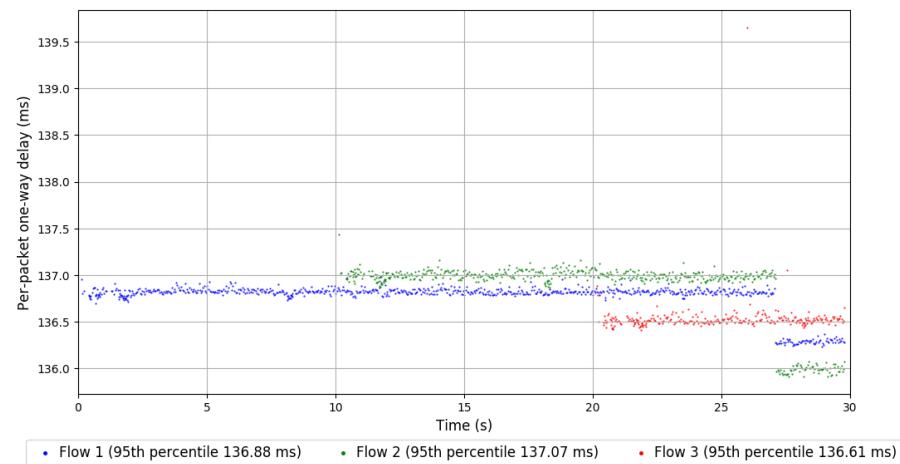
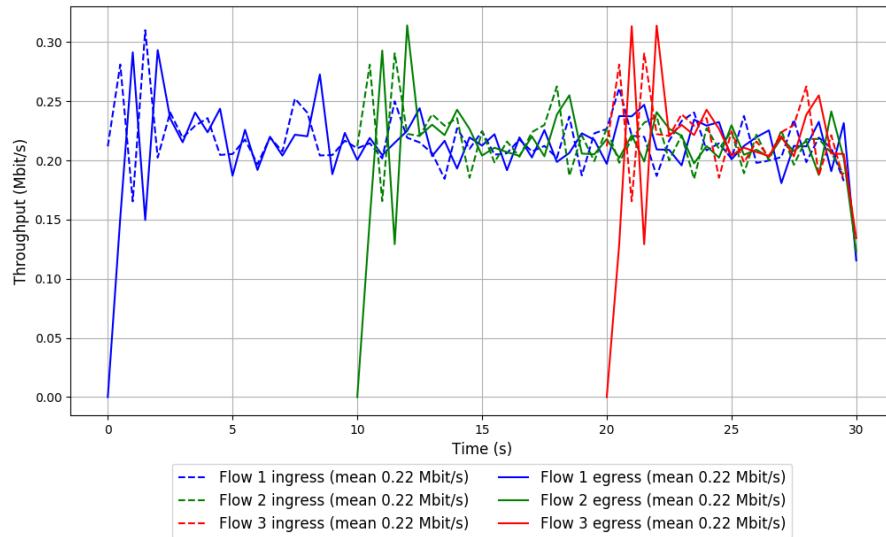


Run 1: Statistics of SCReAM

```
Start at: 2018-07-01 04:28:23
End at: 2018-07-01 04:28:53
Local clock offset: 0.109 ms
Remote clock offset: -0.285 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 137.041 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.875 ms
Loss rate: 0.89%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 137.066 ms
Loss rate: 1.43%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.611 ms
Loss rate: 2.59%
```

Run 1: Report of SCReAM — Data Link

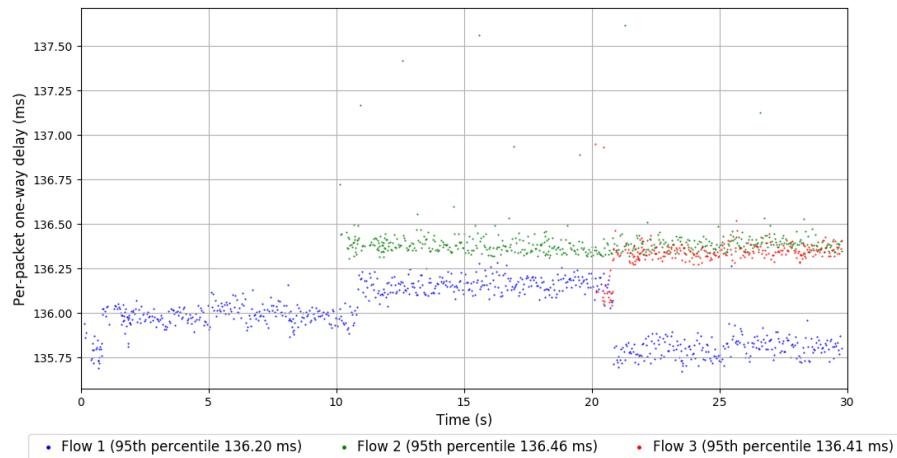
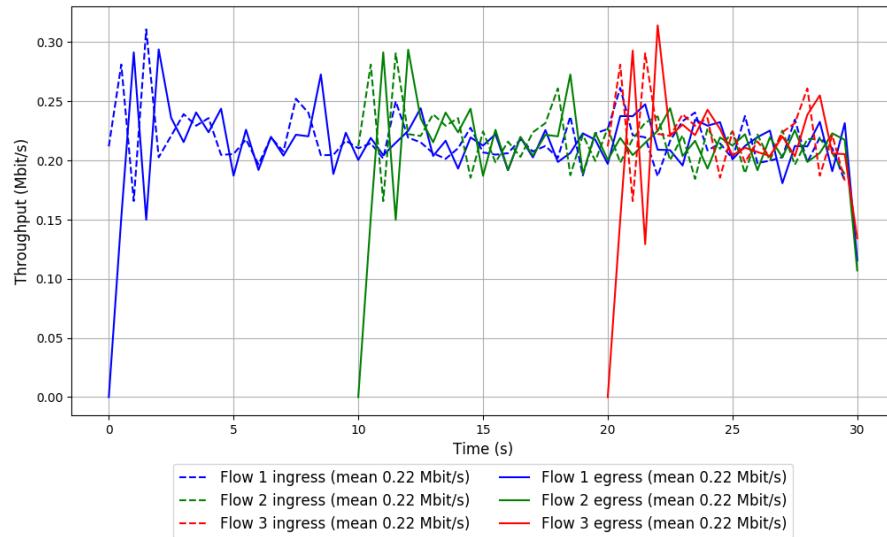


Run 2: Statistics of SCReAM

```
Start at: 2018-07-01 04:53:59
End at: 2018-07-01 04:54:29
Local clock offset: -0.114 ms
Remote clock offset: 0.086 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 136.427 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.201 ms
Loss rate: 0.89%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.456 ms
Loss rate: 1.43%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.408 ms
Loss rate: 2.59%
```

Run 2: Report of SCReAM — Data Link

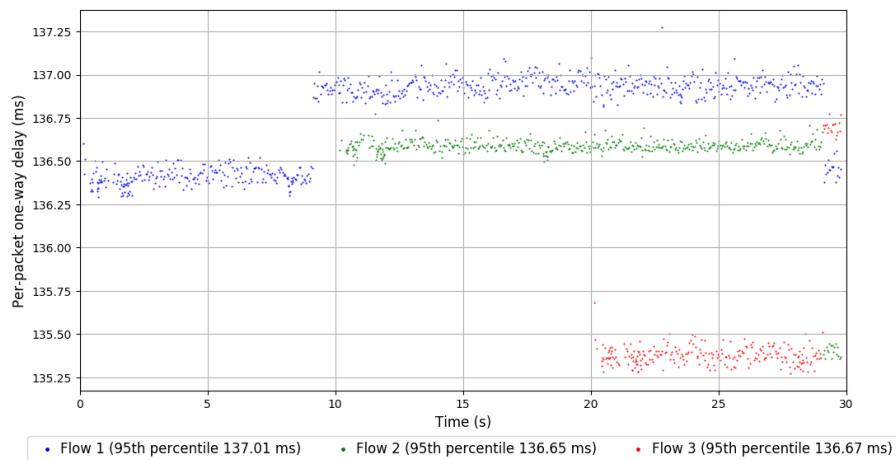
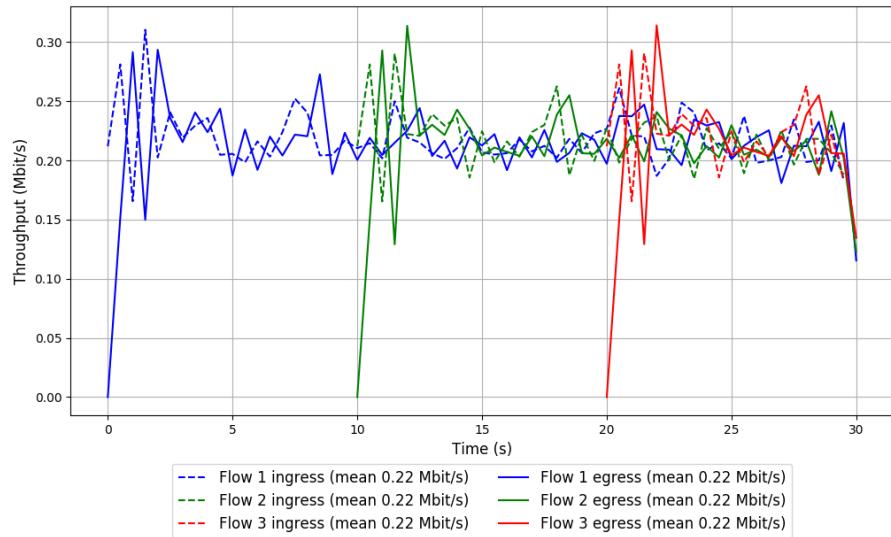


Run 3: Statistics of SCReAM

```
Start at: 2018-07-01 05:20:01
End at: 2018-07-01 05:20:31
Local clock offset: -0.019 ms
Remote clock offset: -0.305 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 136.988 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 137.011 ms
Loss rate: 0.89%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.645 ms
Loss rate: 1.43%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.669 ms
Loss rate: 2.59%
```

Run 3: Report of SCReAM — Data Link

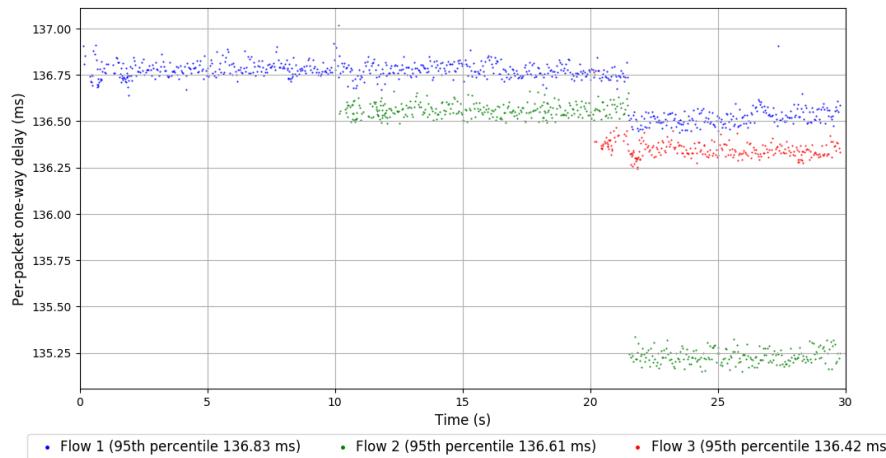
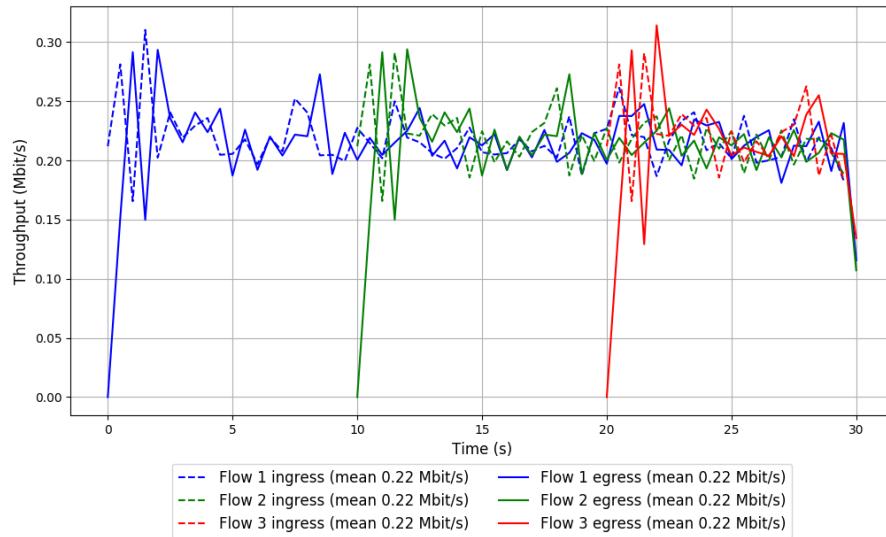


Run 4: Statistics of SCReAM

```
Start at: 2018-07-01 05:45:38
End at: 2018-07-01 05:46:08
Local clock offset: 0.29 ms
Remote clock offset: -0.306 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 136.816 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.833 ms
Loss rate: 0.89%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.607 ms
Loss rate: 1.43%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.421 ms
Loss rate: 2.59%
```

Run 4: Report of SCReAM — Data Link

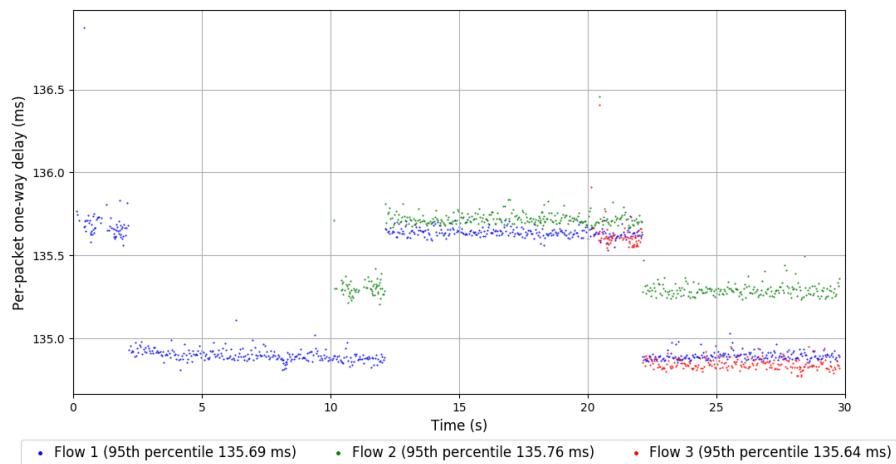
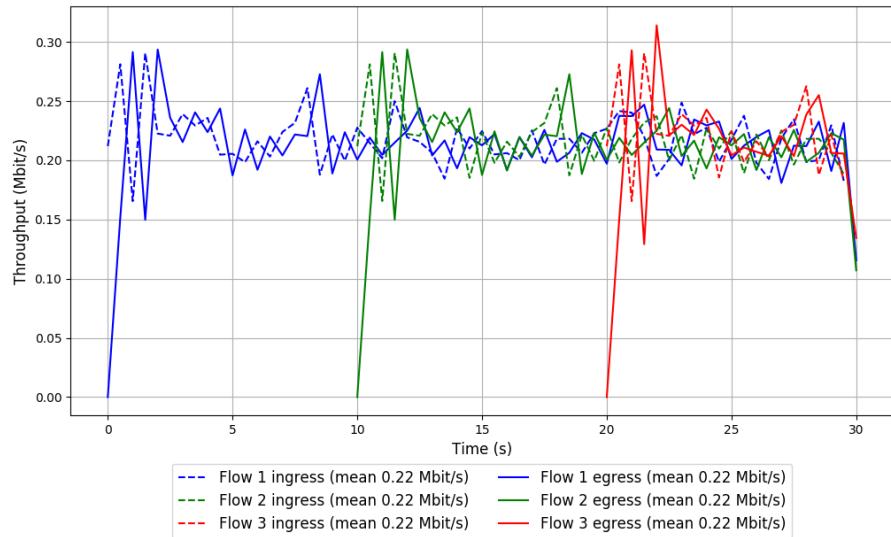


Run 5: Statistics of SCReAM

```
Start at: 2018-07-01 06:11:08
End at: 2018-07-01 06:11:38
Local clock offset: 0.024 ms
Remote clock offset: 0.063 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 135.735 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.689 ms
Loss rate: 0.89%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.763 ms
Loss rate: 1.43%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.639 ms
Loss rate: 2.59%
```

Run 5: Report of SCReAM — Data Link

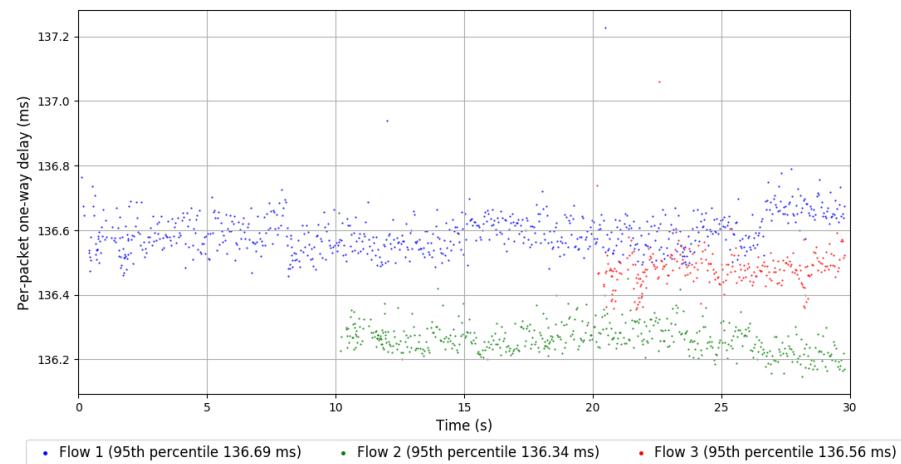
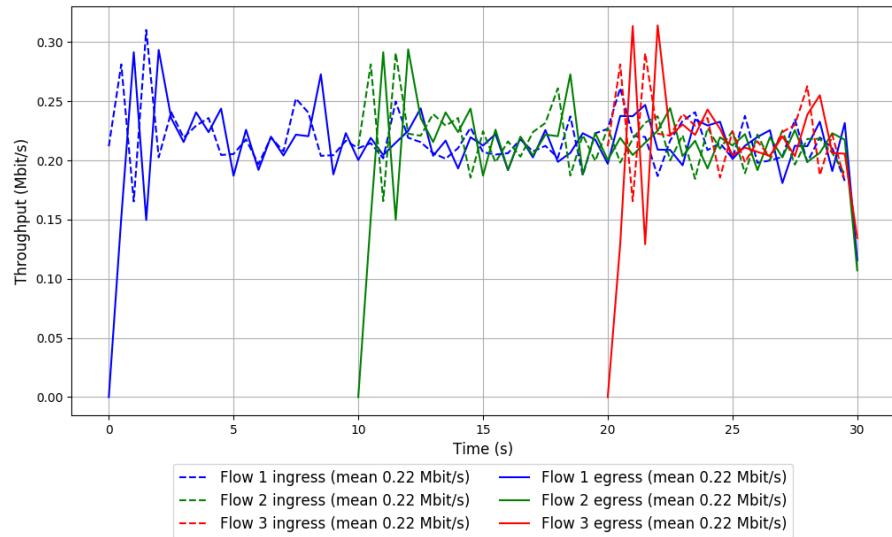


Run 6: Statistics of SCReAM

```
Start at: 2018-07-01 06:37:13
End at: 2018-07-01 06:37:43
Local clock offset: 0.068 ms
Remote clock offset: -0.398 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 136.664 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.686 ms
Loss rate: 0.89%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.343 ms
Loss rate: 1.43%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.558 ms
Loss rate: 2.59%
```

Run 6: Report of SCReAM — Data Link

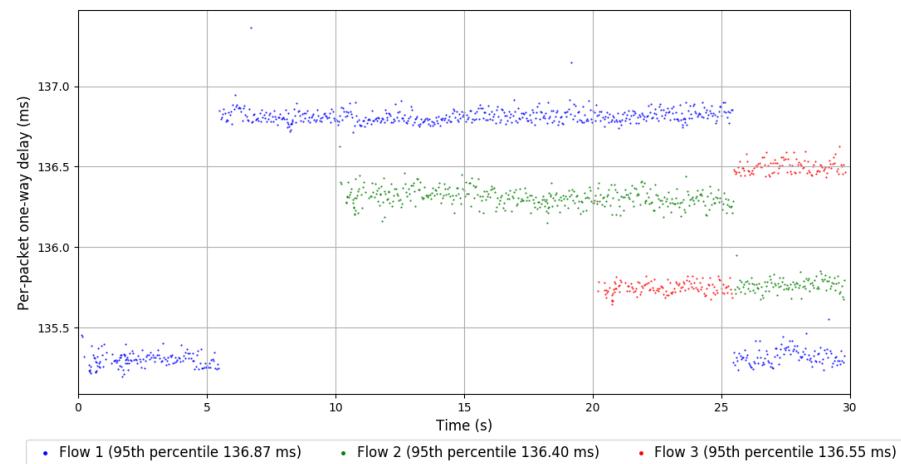
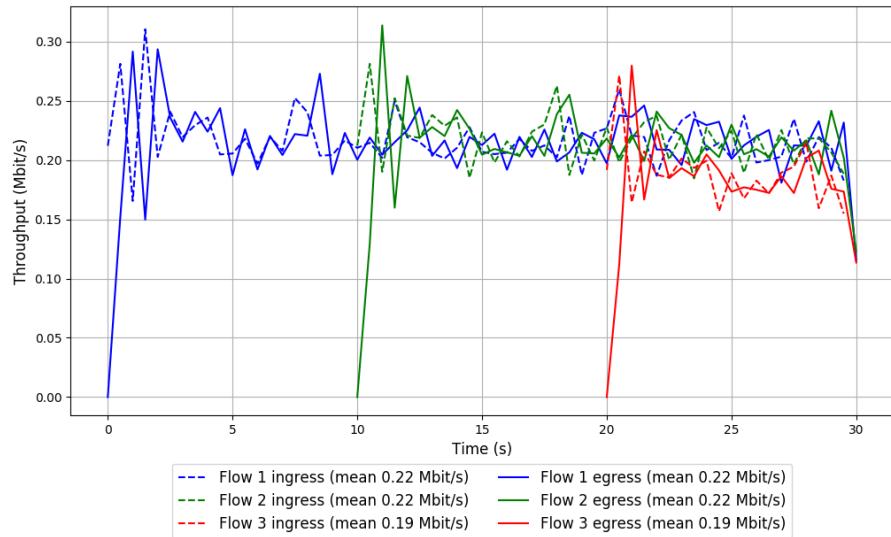


Run 7: Statistics of SCReAM

```
Start at: 2018-07-01 07:02:54
End at: 2018-07-01 07:03:24
Local clock offset: 0.34 ms
Remote clock offset: -0.058 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 136.851 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.872 ms
Loss rate: 0.89%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.396 ms
Loss rate: 1.43%
-- Flow 3:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 136.548 ms
Loss rate: 2.57%
```

Run 7: Report of SCReAM — Data Link

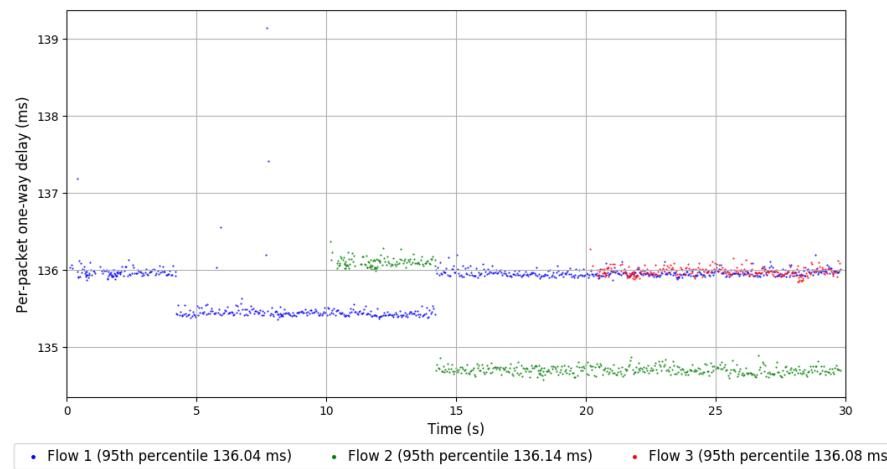
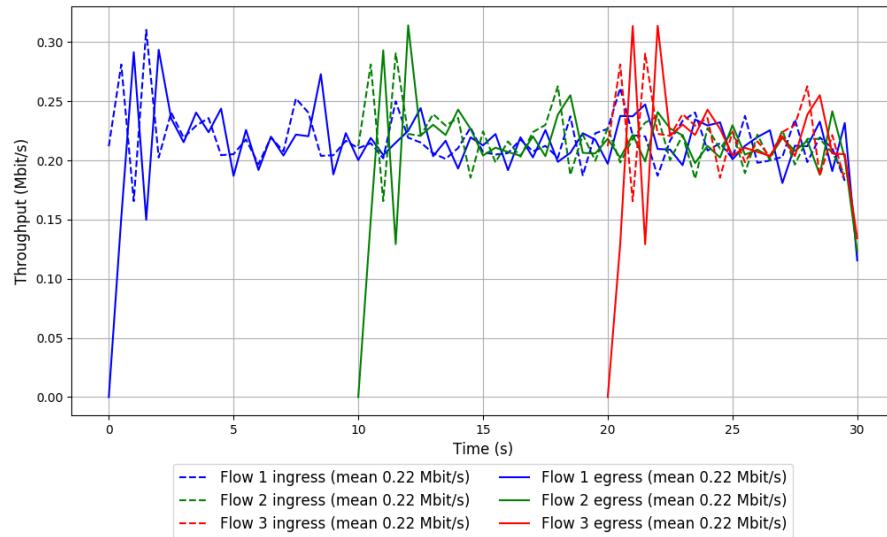


Run 8: Statistics of SCReAM

```
Start at: 2018-07-01 07:28:36
End at: 2018-07-01 07:29:06
Local clock offset: 0.014 ms
Remote clock offset: 0.333 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 136.099 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.040 ms
Loss rate: 0.89%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.140 ms
Loss rate: 1.43%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.078 ms
Loss rate: 2.59%
```

Run 8: Report of SCReAM — Data Link

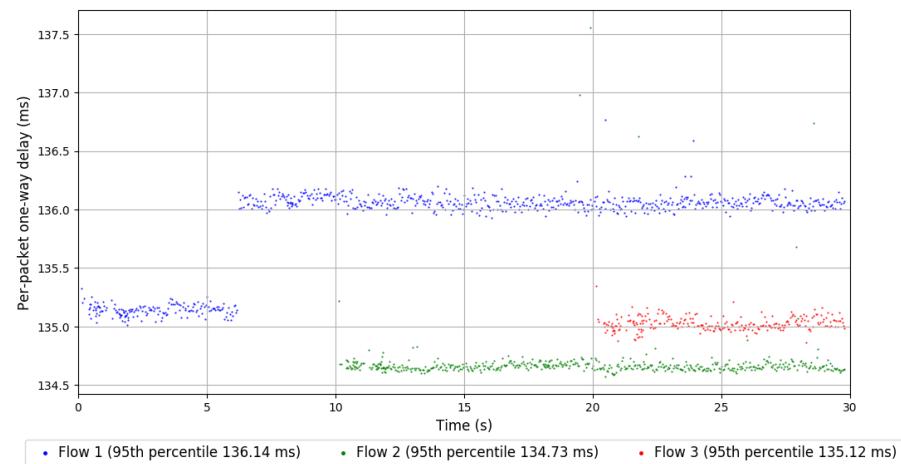
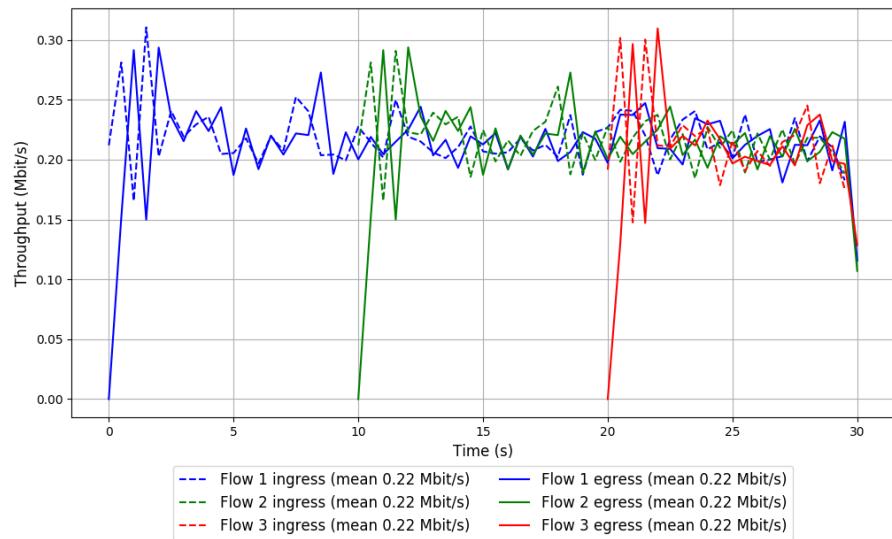


Run 9: Statistics of SCReAM

```
Start at: 2018-07-01 07:54:34
End at: 2018-07-01 07:55:04
Local clock offset: -0.057 ms
Remote clock offset: 0.087 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 136.125 ms
Loss rate: 1.35%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.144 ms
Loss rate: 0.89%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 134.729 ms
Loss rate: 1.43%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.116 ms
Loss rate: 2.57%
```

Run 9: Report of SCReAM — Data Link

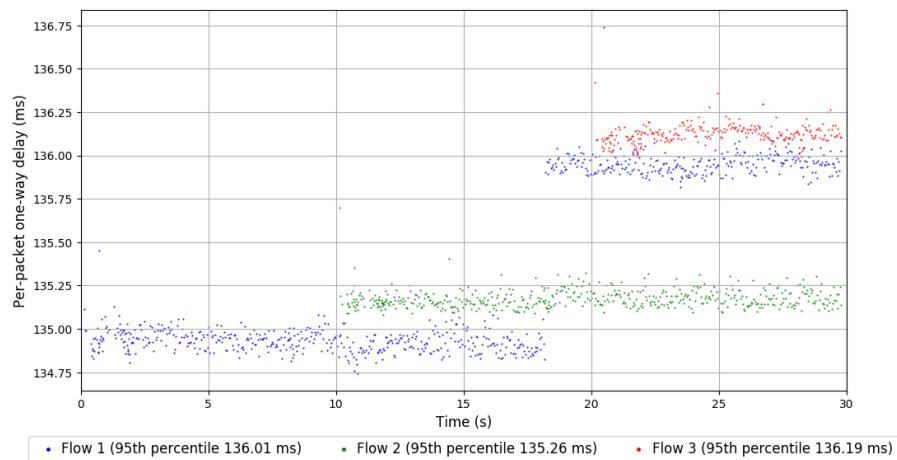
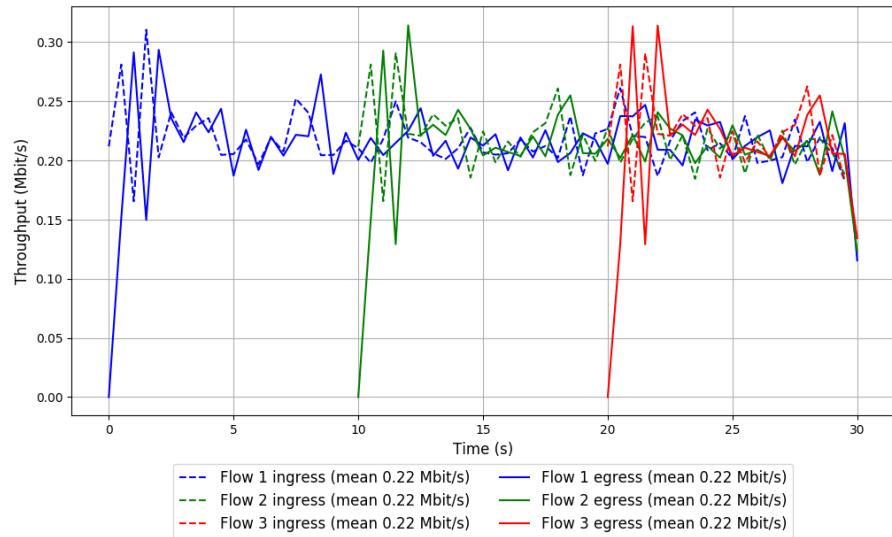


Run 10: Statistics of SCReAM

```
Start at: 2018-07-01 08:20:32
End at: 2018-07-01 08:21:02
Local clock offset: 0.212 ms
Remote clock offset: 0.009 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 136.148 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.013 ms
Loss rate: 0.89%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.261 ms
Loss rate: 1.43%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.193 ms
Loss rate: 2.59%
```

Run 10: Report of SCReAM — Data Link

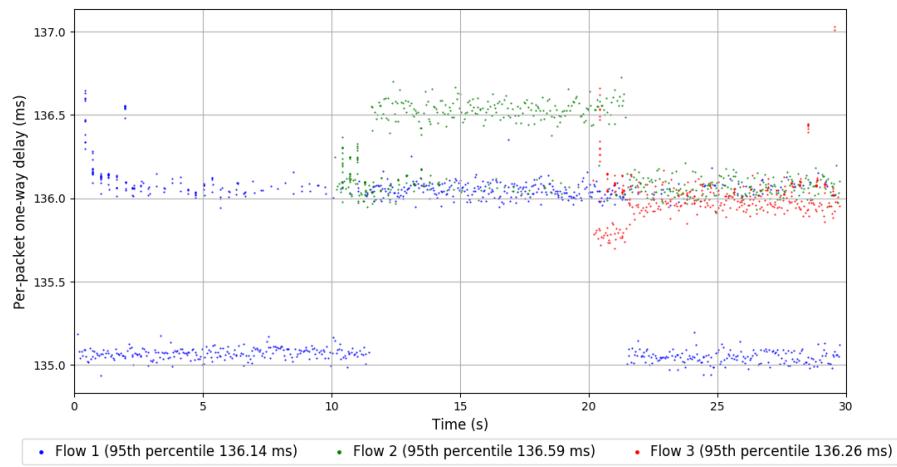
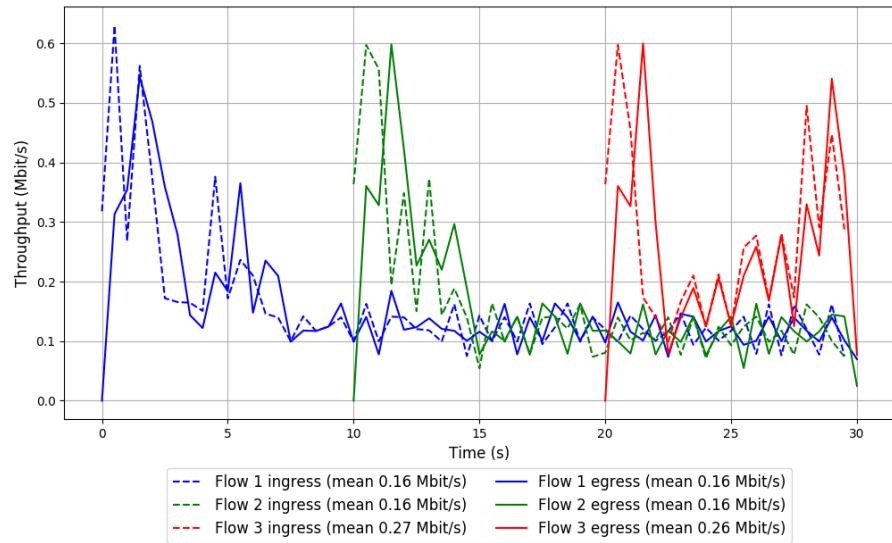


Run 1: Statistics of Sprout

```
Start at: 2018-07-01 04:20:48
End at: 2018-07-01 04:21:18
Local clock offset: 0.033 ms
Remote clock offset: 0.049 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 136.552 ms
Loss rate: 1.91%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 136.144 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 136.589 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 136.261 ms
Loss rate: 5.30%
```

Run 1: Report of Sprout — Data Link

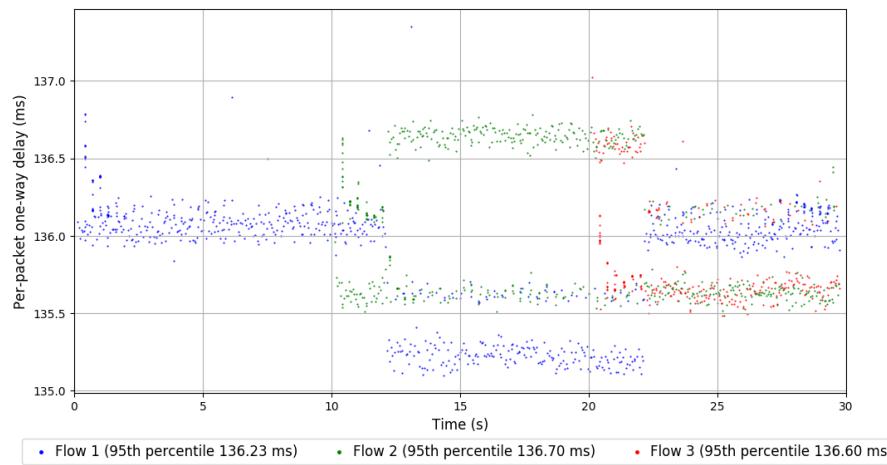
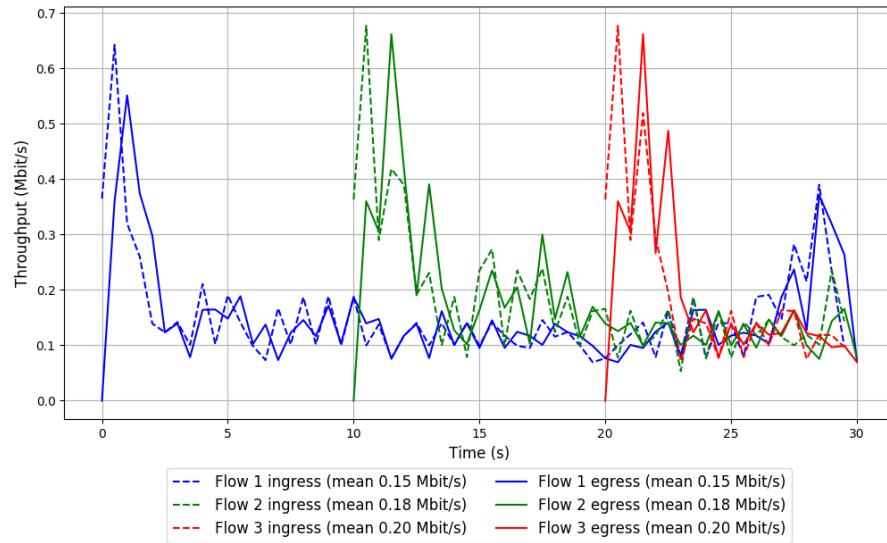


Run 2: Statistics of Sprout

```
Start at: 2018-07-01 04:46:28
End at: 2018-07-01 04:46:58
Local clock offset: -0.417 ms
Remote clock offset: -0.324 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 136.665 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 136.234 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 136.696 ms
Loss rate: 1.91%
-- Flow 3:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 136.600 ms
Loss rate: 1.81%
```

Run 2: Report of Sprout — Data Link

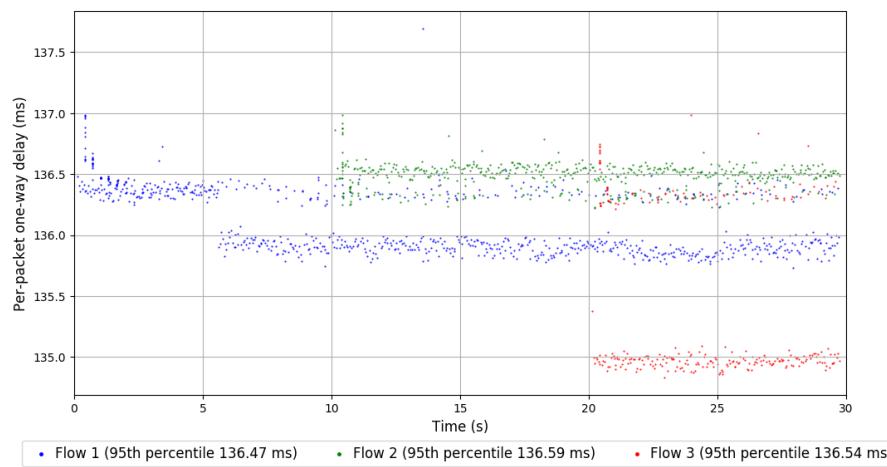
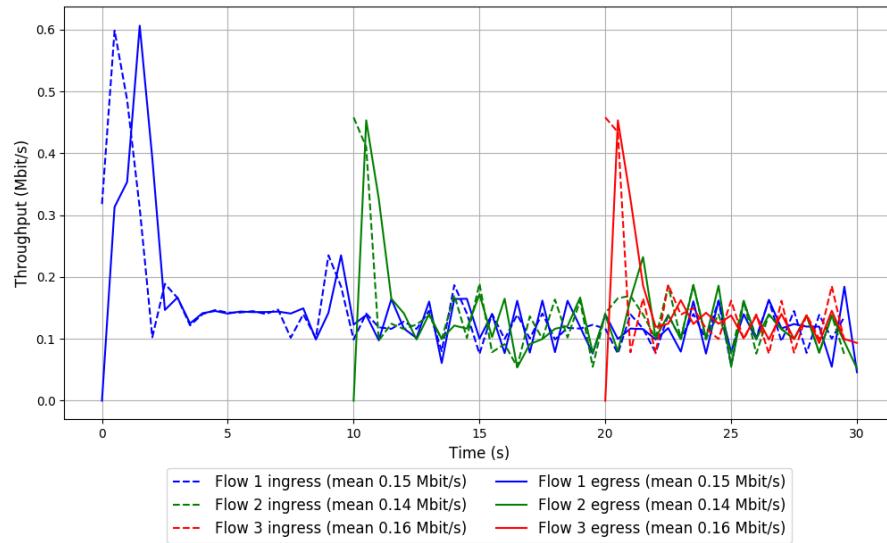


Run 3: Statistics of Sprout

```
Start at: 2018-07-01 05:12:14
End at: 2018-07-01 05:12:44
Local clock offset: -0.229 ms
Remote clock offset: 0.08 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 136.585 ms
Loss rate: 1.47%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 136.467 ms
Loss rate: 1.07%
-- Flow 2:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 136.595 ms
Loss rate: 1.27%
-- Flow 3:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 136.543 ms
Loss rate: 2.97%
```

Run 3: Report of Sprout — Data Link

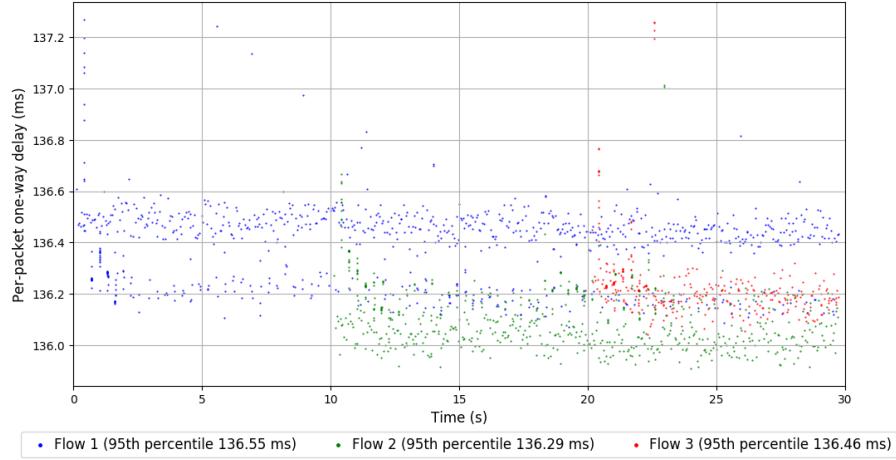
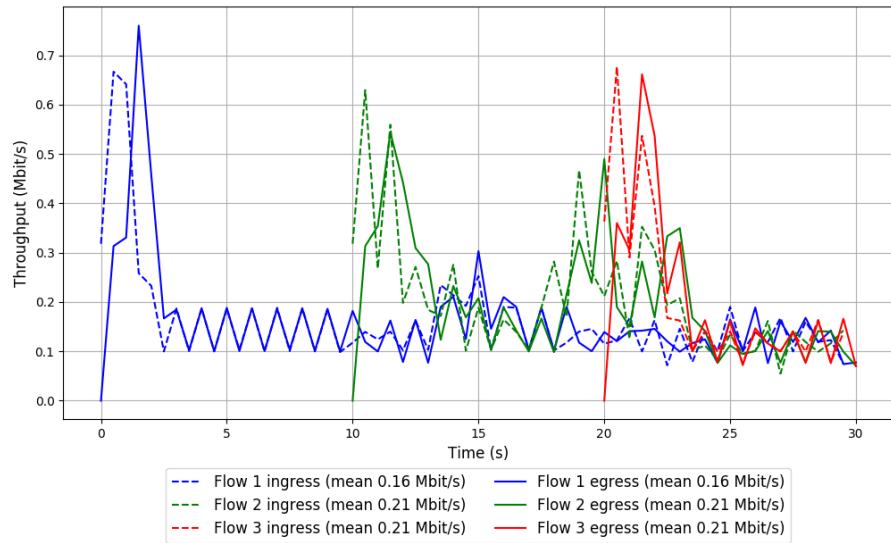


Run 4: Statistics of Sprout

```
Start at: 2018-07-01 05:38:01
End at: 2018-07-01 05:38:32
Local clock offset: 0.381 ms
Remote clock offset: 0.146 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 136.535 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 136.552 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 136.293 ms
Loss rate: 1.14%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 136.461 ms
Loss rate: 2.24%
```

Run 4: Report of Sprout — Data Link

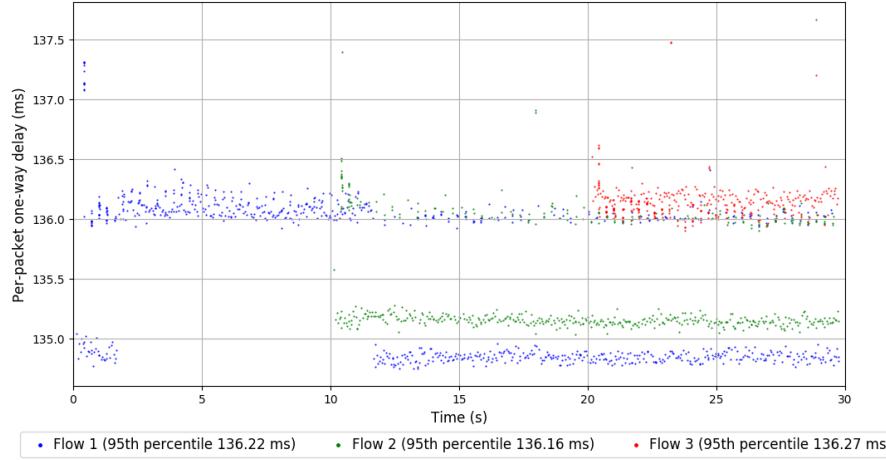
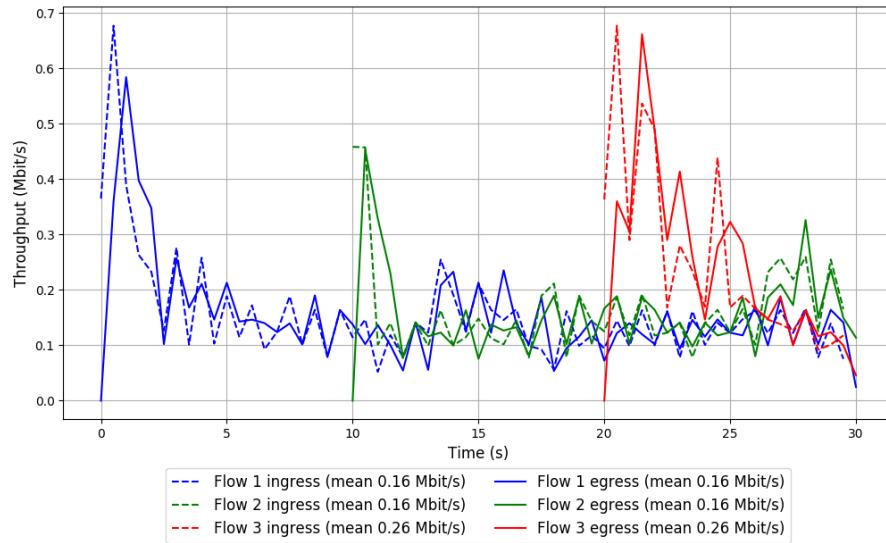


Run 5: Statistics of Sprout

```
Start at: 2018-07-01 06:03:28
End at: 2018-07-01 06:03:58
Local clock offset: 0.323 ms
Remote clock offset: 0.092 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 136.239 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 136.222 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 136.159 ms
Loss rate: 2.46%
-- Flow 3:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 136.273 ms
Loss rate: 1.83%
```

Run 5: Report of Sprout — Data Link

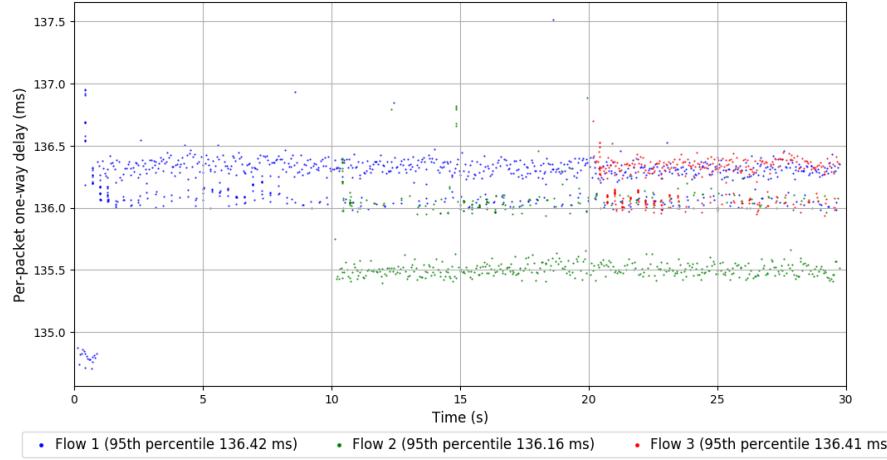
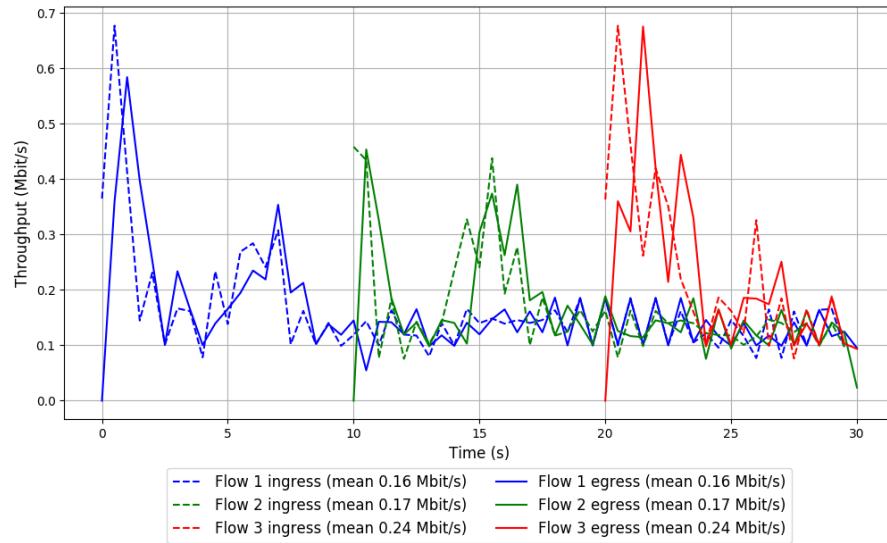


Run 6: Statistics of Sprout

```
Start at: 2018-07-01 06:29:19
End at: 2018-07-01 06:29:49
Local clock offset: 0.217 ms
Remote clock offset: -0.002 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 136.407 ms
Loss rate: 1.35%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 136.420 ms
Loss rate: 0.97%
-- Flow 2:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 136.160 ms
Loss rate: 1.41%
-- Flow 3:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 136.410 ms
Loss rate: 2.04%
```

Run 6: Report of Sprout — Data Link

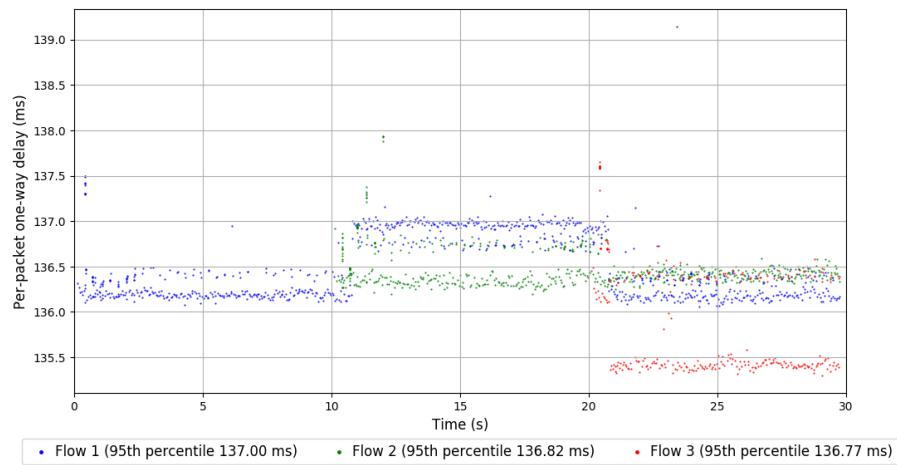
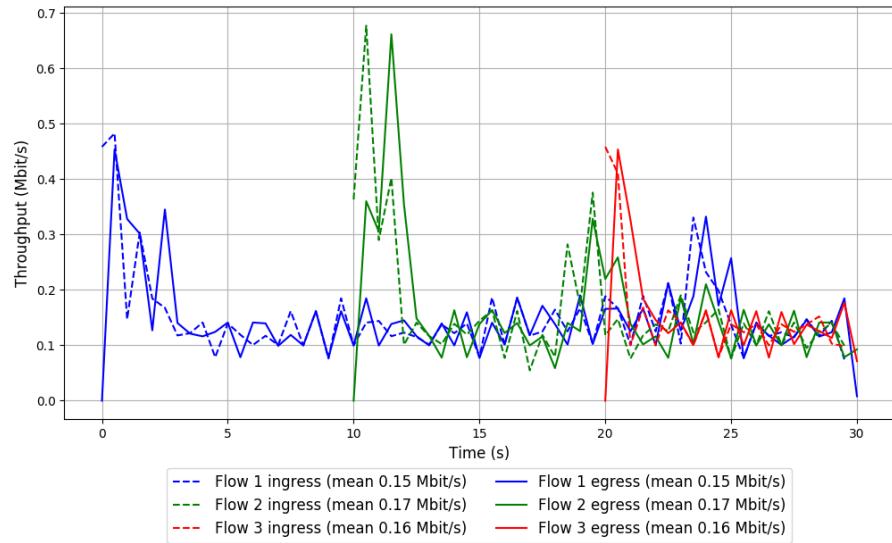


Run 7: Statistics of Sprout

```
Start at: 2018-07-01 06:55:19
End at: 2018-07-01 06:55:49
Local clock offset: 0.175 ms
Remote clock offset: -0.412 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 136.991 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 137.003 ms
Loss rate: 0.77%
-- Flow 2:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 136.819 ms
Loss rate: 1.09%
-- Flow 3:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 136.769 ms
Loss rate: 1.01%
```

Run 7: Report of Sprout — Data Link

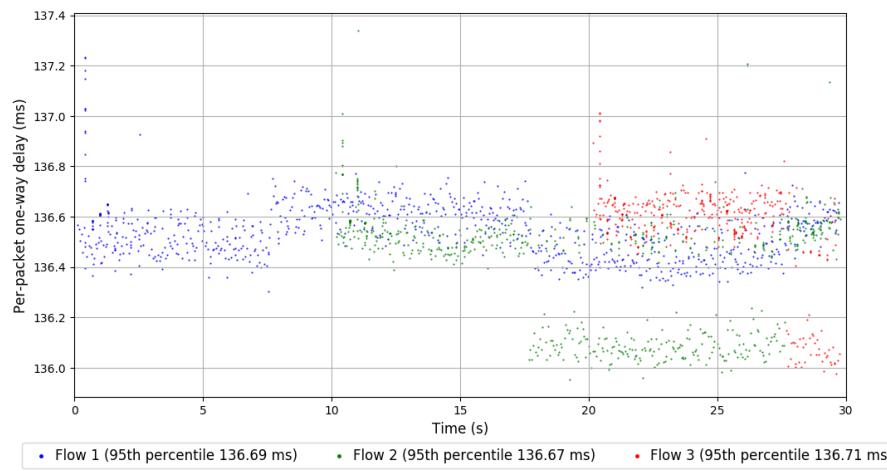
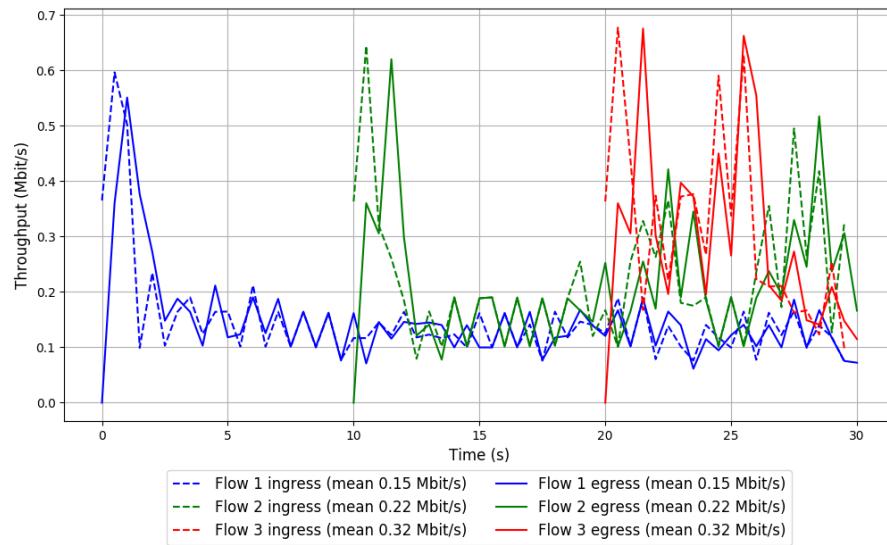


Run 8: Statistics of Sprout

```
Start at: 2018-07-01 07:20:52
End at: 2018-07-01 07:21:22
Local clock offset: 0.284 ms
Remote clock offset: -0.056 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 136.698 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 136.694 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.674 ms
Loss rate: 1.86%
-- Flow 3:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 136.714 ms
Loss rate: 1.51%
```

Run 8: Report of Sprout — Data Link

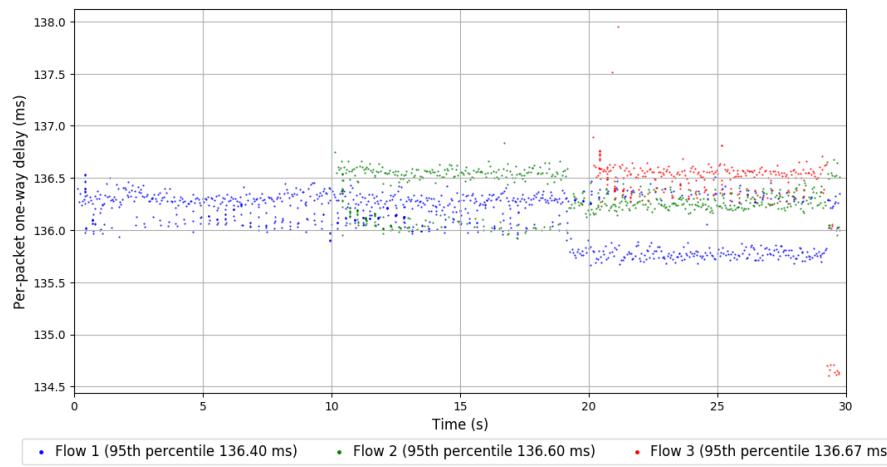
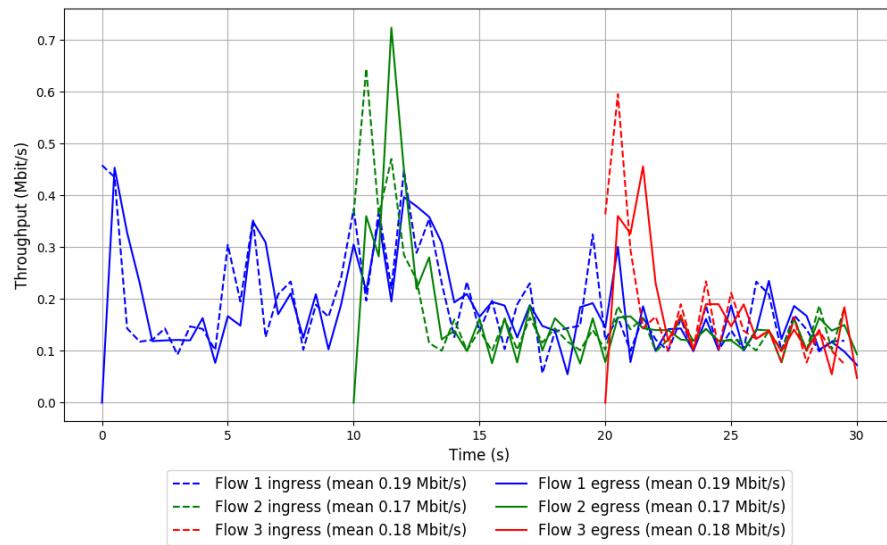


Run 9: Statistics of Sprout

```
Start at: 2018-07-01 07:46:51
End at: 2018-07-01 07:47:21
Local clock offset: -0.011 ms
Remote clock offset: 0.088 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 136.589 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 136.395 ms
Loss rate: 0.82%
-- Flow 2:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 136.605 ms
Loss rate: 1.40%
-- Flow 3:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 136.666 ms
Loss rate: 0.89%
```

Run 9: Report of Sprout — Data Link

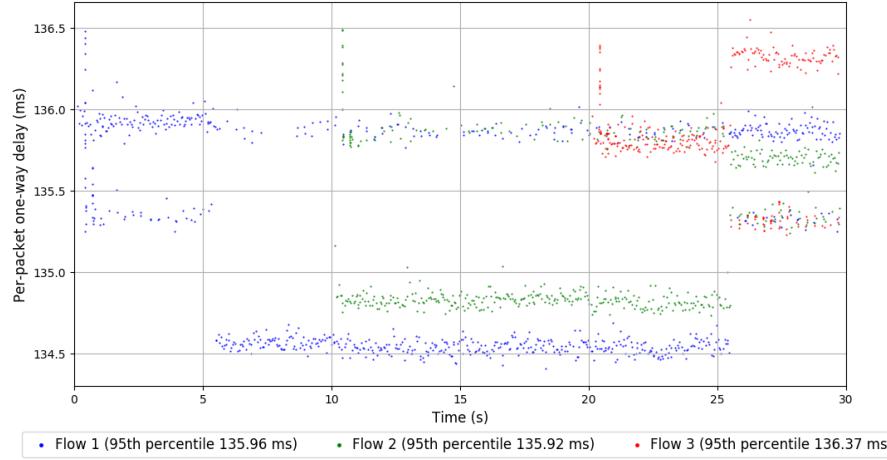
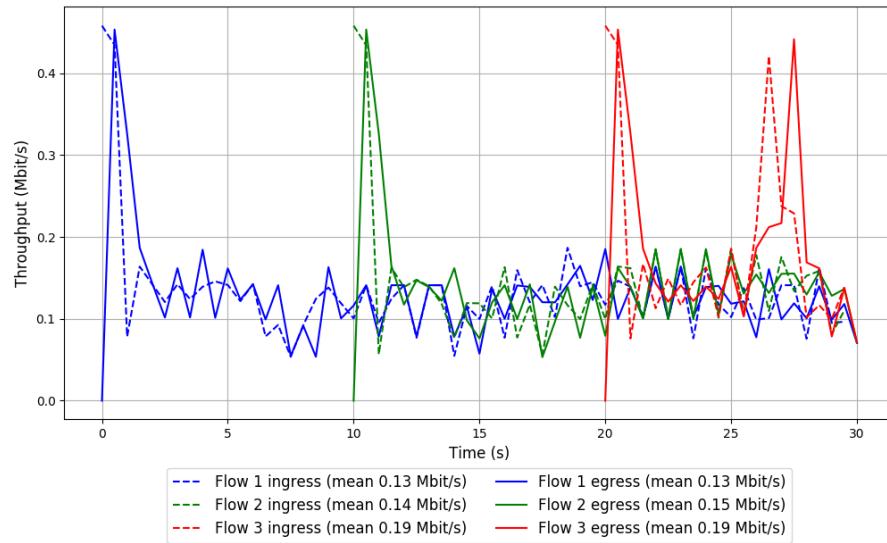


Run 10: Statistics of Sprout

```
Start at: 2018-07-01 08:12:44
End at: 2018-07-01 08:13:14
Local clock offset: 0.258 ms
Remote clock offset: 0.388 ms

# Below is generated by plot.py at 2018-07-01 10:02:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 136.290 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 135.957 ms
Loss rate: 0.88%
-- Flow 2:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 135.921 ms
Loss rate: 1.25%
-- Flow 3:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 136.366 ms
Loss rate: 1.91%
```

Run 10: Report of Sprout — Data Link

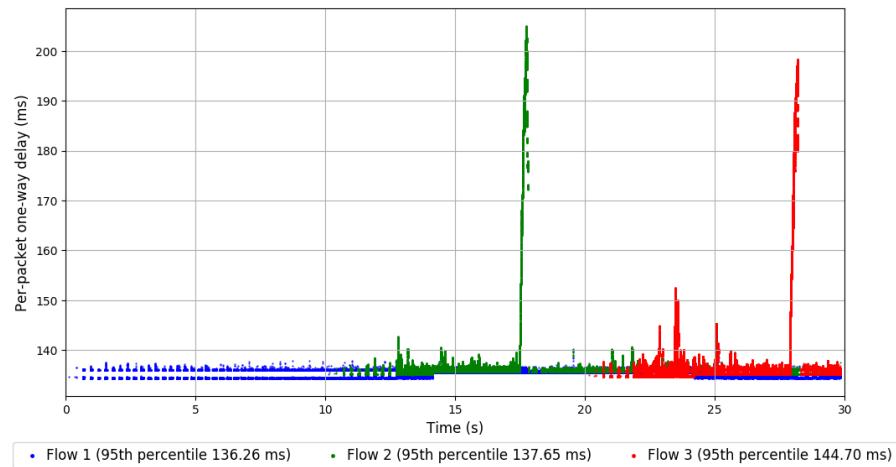
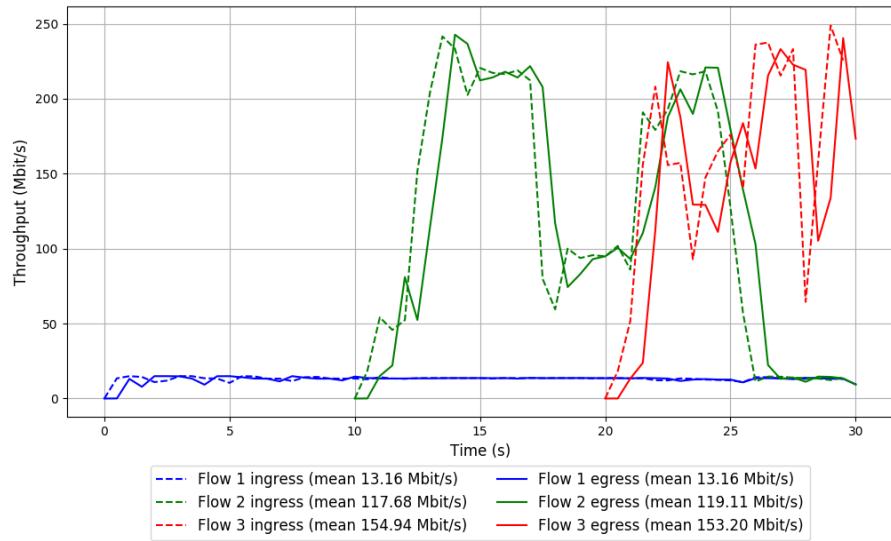


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-07-01 04:06:26
End at: 2018-07-01 04:06:56
Local clock offset: 0.135 ms
Remote clock offset: 0.137 ms

# Below is generated by plot.py at 2018-07-01 10:03:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 142.10 Mbit/s
95th percentile per-packet one-way delay: 138.447 ms
Loss rate: 1.55%
-- Flow 1:
Average throughput: 13.16 Mbit/s
95th percentile per-packet one-way delay: 136.256 ms
Loss rate: 0.95%
-- Flow 2:
Average throughput: 119.11 Mbit/s
95th percentile per-packet one-way delay: 137.654 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 153.20 Mbit/s
95th percentile per-packet one-way delay: 144.699 ms
Loss rate: 3.82%
```

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

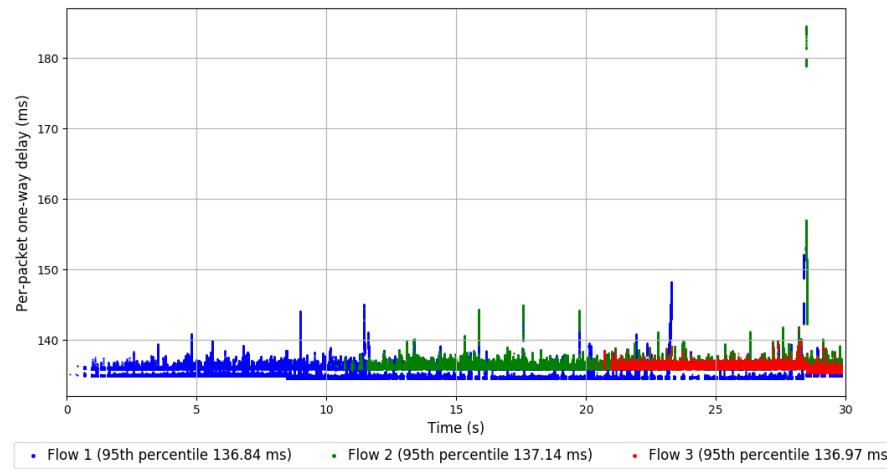
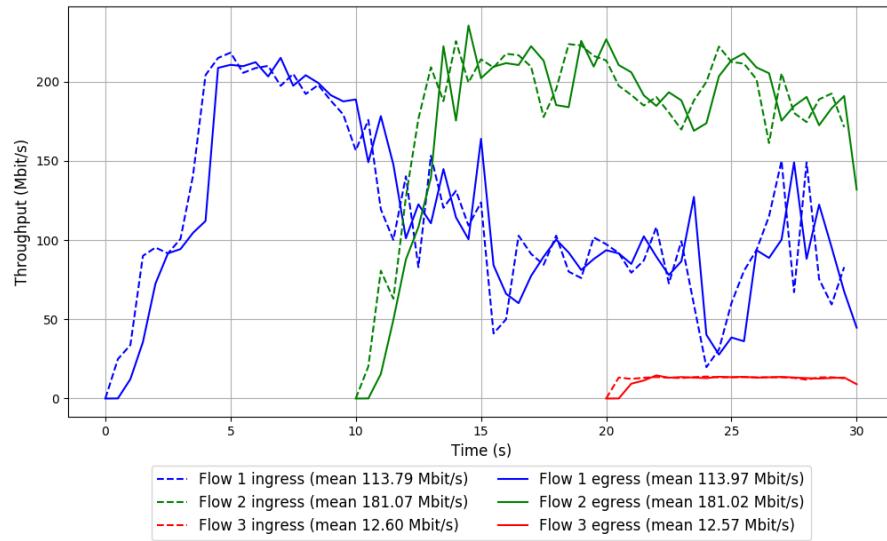


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-07-01 04:31:51
End at: 2018-07-01 04:32:21
Local clock offset: -0.103 ms
Remote clock offset: 0.025 ms

# Below is generated by plot.py at 2018-07-01 10:07:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 238.07 Mbit/s
95th percentile per-packet one-way delay: 137.030 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 113.97 Mbit/s
95th percentile per-packet one-way delay: 136.843 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 181.02 Mbit/s
95th percentile per-packet one-way delay: 137.144 ms
Loss rate: 1.38%
-- Flow 3:
Average throughput: 12.57 Mbit/s
95th percentile per-packet one-way delay: 136.968 ms
Loss rate: 2.97%
```

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

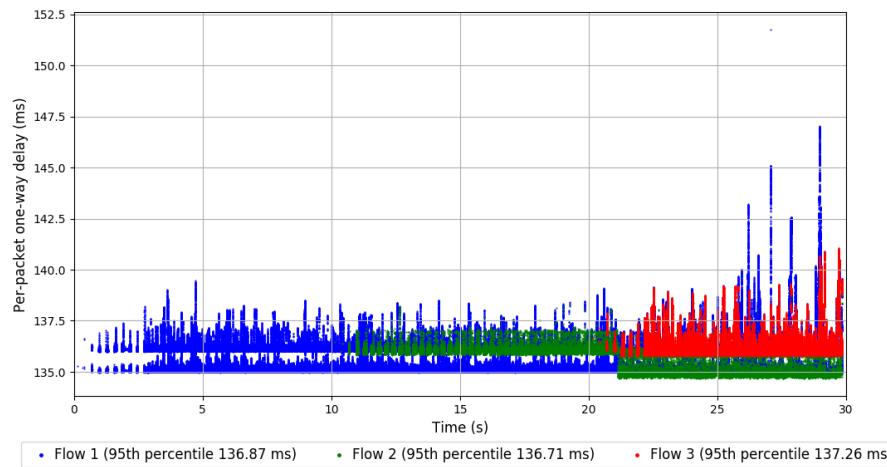
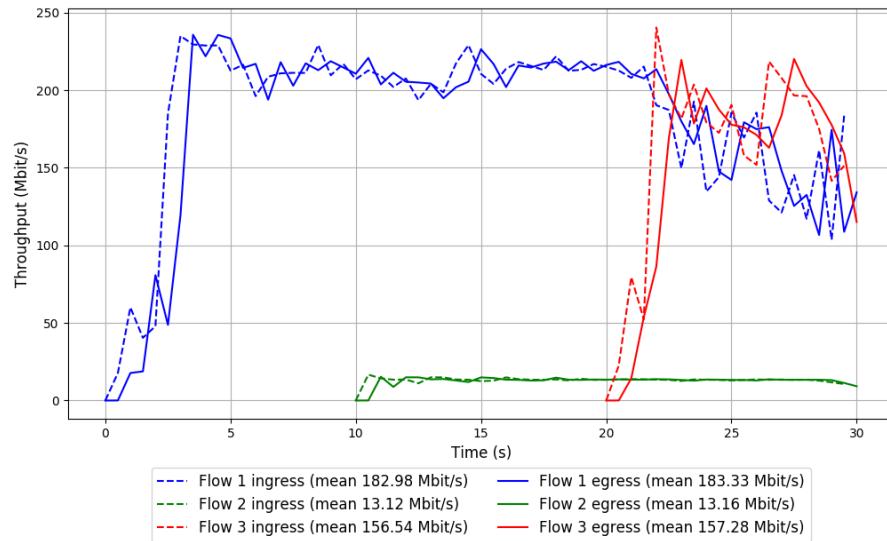


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-07-01 04:57:29
End at: 2018-07-01 04:57:59
Local clock offset: -0.057 ms
Remote clock offset: 0.078 ms

# Below is generated by plot.py at 2018-07-01 10:07:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 243.38 Mbit/s
95th percentile per-packet one-way delay: 136.949 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 183.33 Mbit/s
95th percentile per-packet one-way delay: 136.866 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 13.16 Mbit/s
95th percentile per-packet one-way delay: 136.714 ms
Loss rate: 1.01%
-- Flow 3:
Average throughput: 157.28 Mbit/s
95th percentile per-packet one-way delay: 137.265 ms
Loss rate: 2.18%
```

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

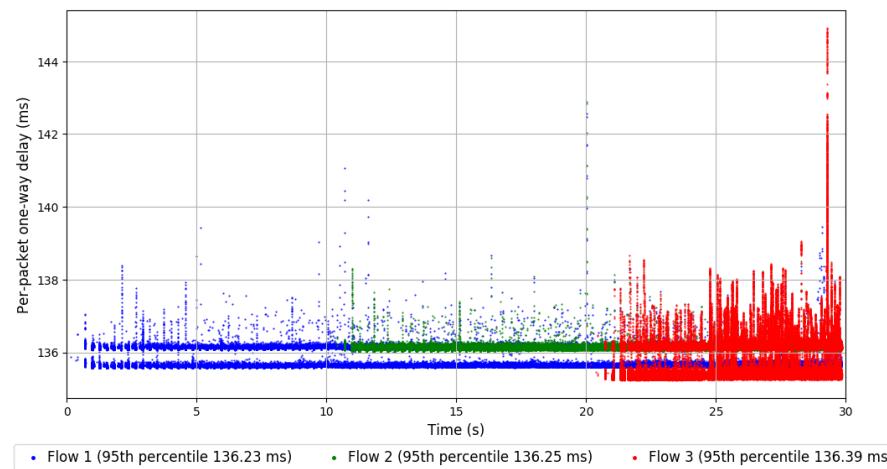
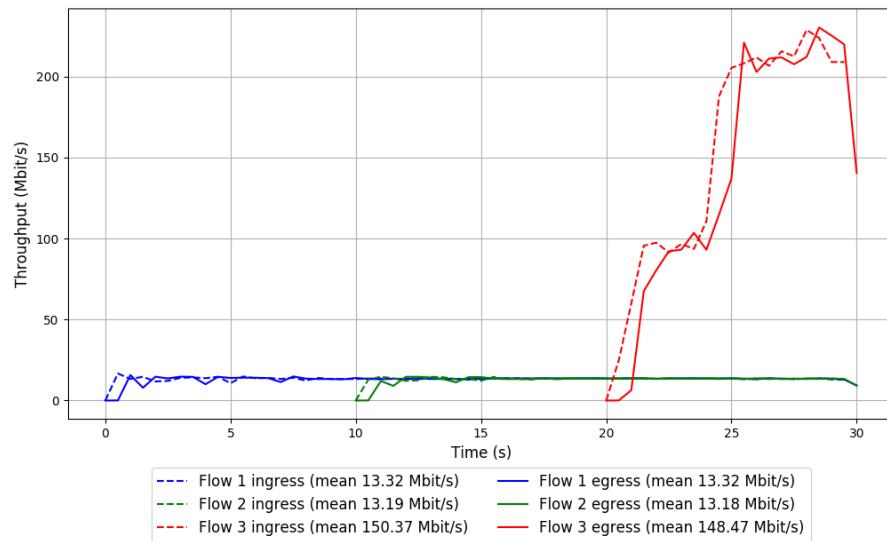


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-07-01 05:23:34
End at: 2018-07-01 05:24:04
Local clock offset: -0.033 ms
Remote clock offset: 0.078 ms

# Below is generated by plot.py at 2018-07-01 10:07:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 70.35 Mbit/s
95th percentile per-packet one-way delay: 136.306 ms
Loss rate: 3.08%
-- Flow 1:
Average throughput: 13.32 Mbit/s
95th percentile per-packet one-way delay: 136.230 ms
Loss rate: 0.93%
-- Flow 2:
Average throughput: 13.18 Mbit/s
95th percentile per-packet one-way delay: 136.254 ms
Loss rate: 1.44%
-- Flow 3:
Average throughput: 148.47 Mbit/s
95th percentile per-packet one-way delay: 136.389 ms
Loss rate: 3.94%
```

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

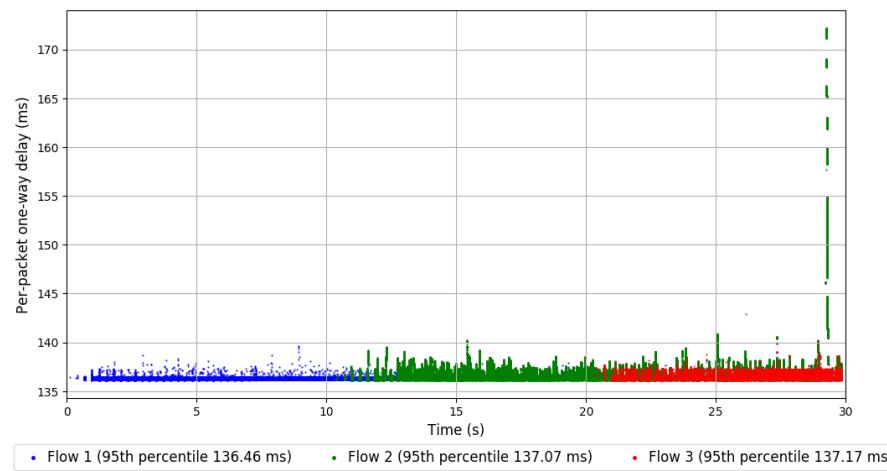
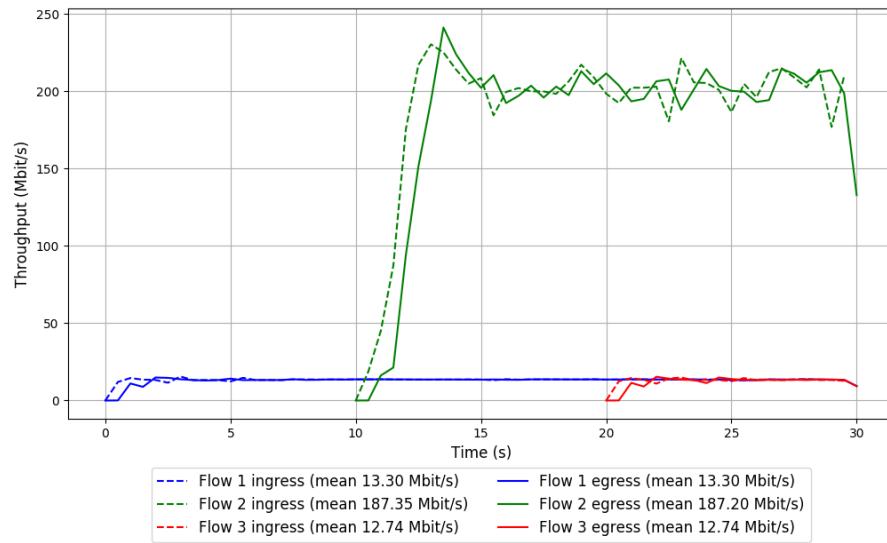


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-07-01 05:49:09
End at: 2018-07-01 05:49:39
Local clock offset: 0.225 ms
Remote clock offset: -0.323 ms

# Below is generated by plot.py at 2018-07-01 10:07:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 141.58 Mbit/s
95th percentile per-packet one-way delay: 137.030 ms
Loss rate: 1.44%
-- Flow 1:
Average throughput: 13.30 Mbit/s
95th percentile per-packet one-way delay: 136.460 ms
Loss rate: 0.95%
-- Flow 2:
Average throughput: 187.20 Mbit/s
95th percentile per-packet one-way delay: 137.071 ms
Loss rate: 1.45%
-- Flow 3:
Average throughput: 12.74 Mbit/s
95th percentile per-packet one-way delay: 137.174 ms
Loss rate: 2.80%
```

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

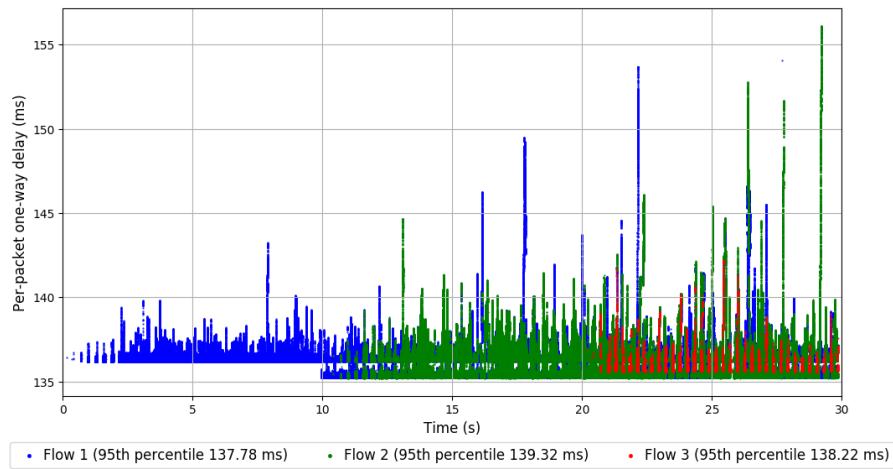
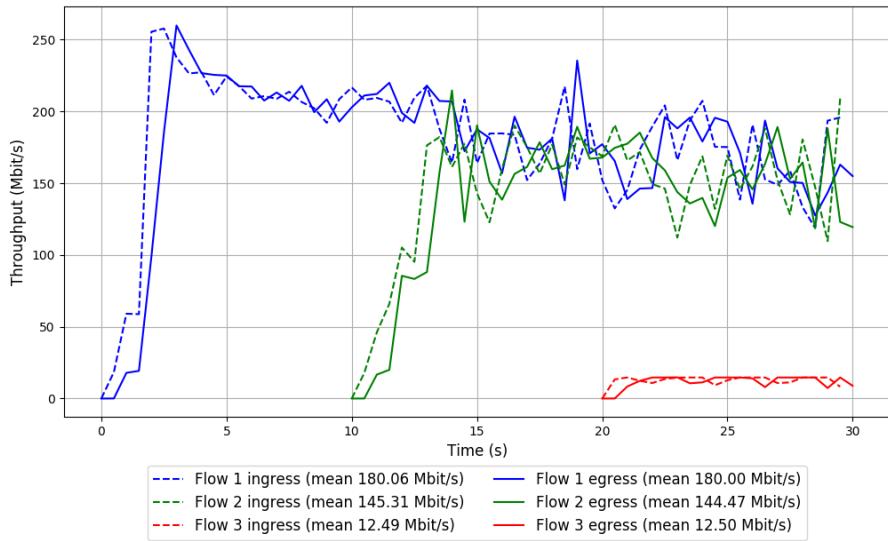


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-07-01 06:14:40
End at: 2018-07-01 06:15:10
Local clock offset: 0.194 ms
Remote clock offset: -0.269 ms

# Below is generated by plot.py at 2018-07-01 10:09:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 279.89 Mbit/s
95th percentile per-packet one-way delay: 138.516 ms
Loss rate: 1.31%
-- Flow 1:
Average throughput: 180.00 Mbit/s
95th percentile per-packet one-way delay: 137.778 ms
Loss rate: 0.95%
-- Flow 2:
Average throughput: 144.47 Mbit/s
95th percentile per-packet one-way delay: 139.318 ms
Loss rate: 1.94%
-- Flow 3:
Average throughput: 12.50 Mbit/s
95th percentile per-packet one-way delay: 138.225 ms
Loss rate: 2.70%
```

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

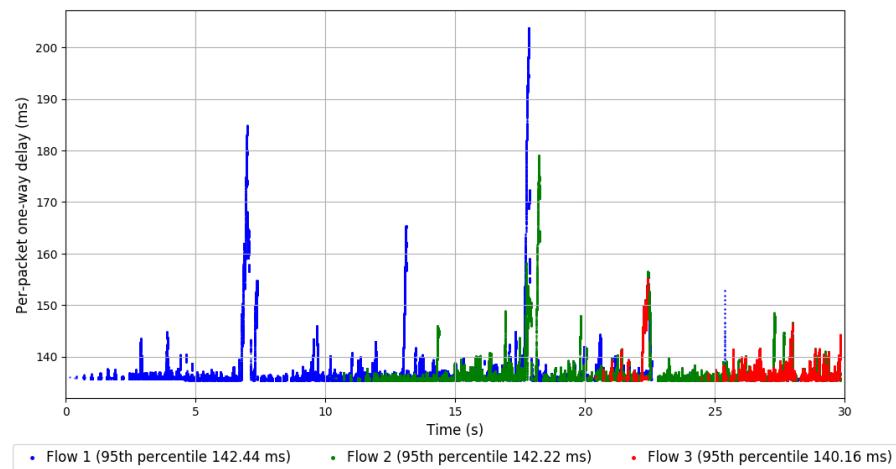
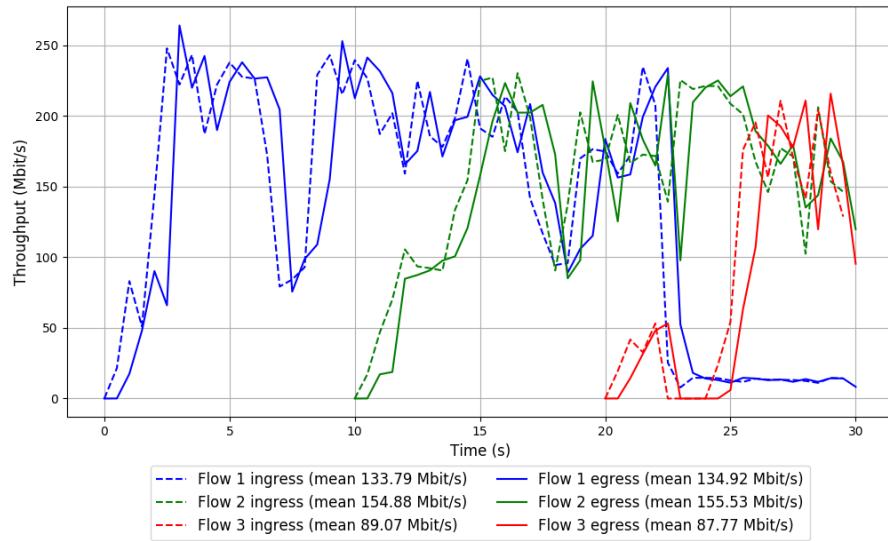


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-07-01 06:40:45
End at: 2018-07-01 06:41:15
Local clock offset: 0.189 ms
Remote clock offset: 0.362 ms

# Below is generated by plot.py at 2018-07-01 10:09:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 266.56 Mbit/s
95th percentile per-packet one-way delay: 141.788 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 134.92 Mbit/s
95th percentile per-packet one-way delay: 142.440 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 155.53 Mbit/s
95th percentile per-packet one-way delay: 142.219 ms
Loss rate: 0.96%
-- Flow 3:
Average throughput: 87.77 Mbit/s
95th percentile per-packet one-way delay: 140.161 ms
Loss rate: 3.87%
```

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

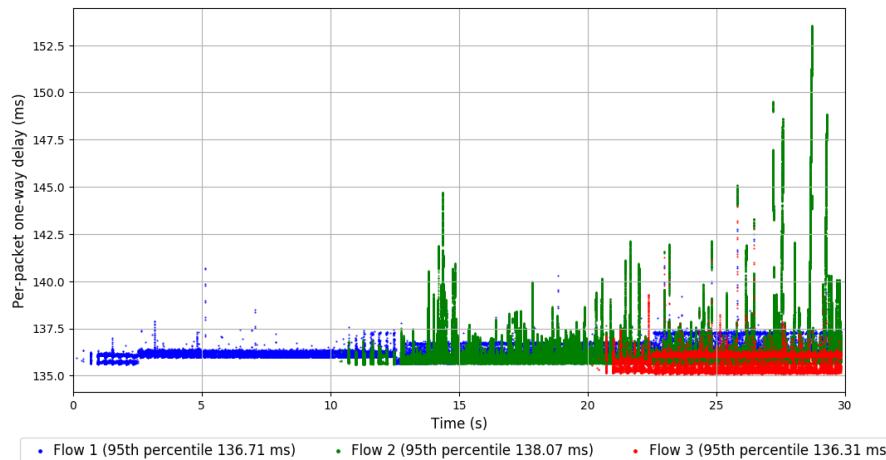
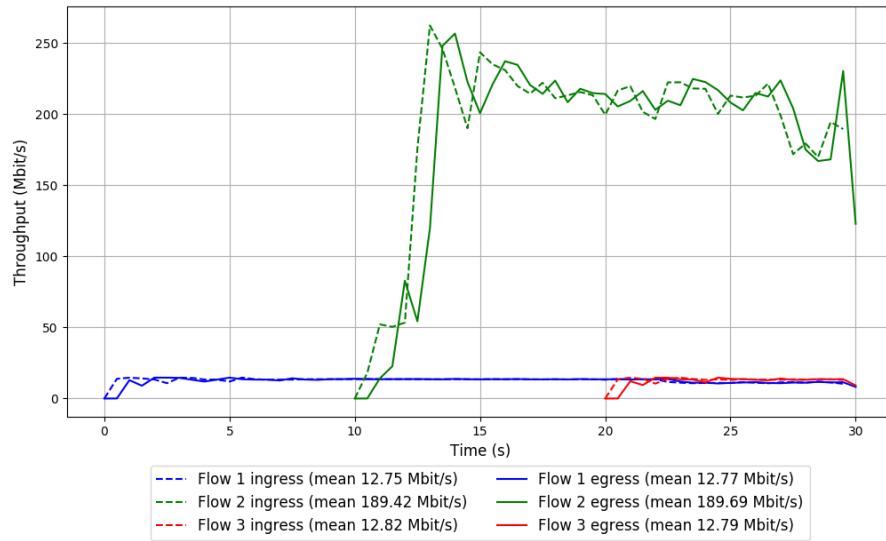


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-07-01 07:06:27
End at: 2018-07-01 07:06:57
Local clock offset: 0.307 ms
Remote clock offset: 0.338 ms

# Below is generated by plot.py at 2018-07-01 10:09:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 142.70 Mbit/s
95th percentile per-packet one-way delay: 137.791 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 12.77 Mbit/s
95th percentile per-packet one-way delay: 136.712 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 189.69 Mbit/s
95th percentile per-packet one-way delay: 138.070 ms
Loss rate: 1.23%
-- Flow 3:
Average throughput: 12.79 Mbit/s
95th percentile per-packet one-way delay: 136.309 ms
Loss rate: 2.92%
```

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

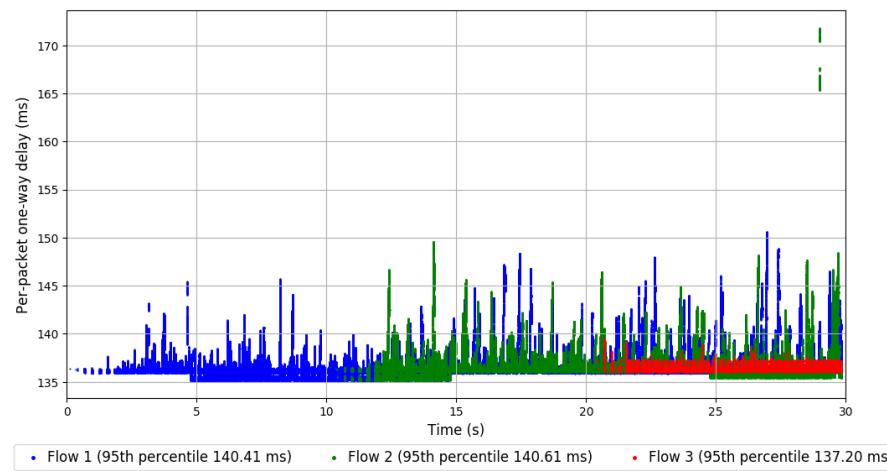
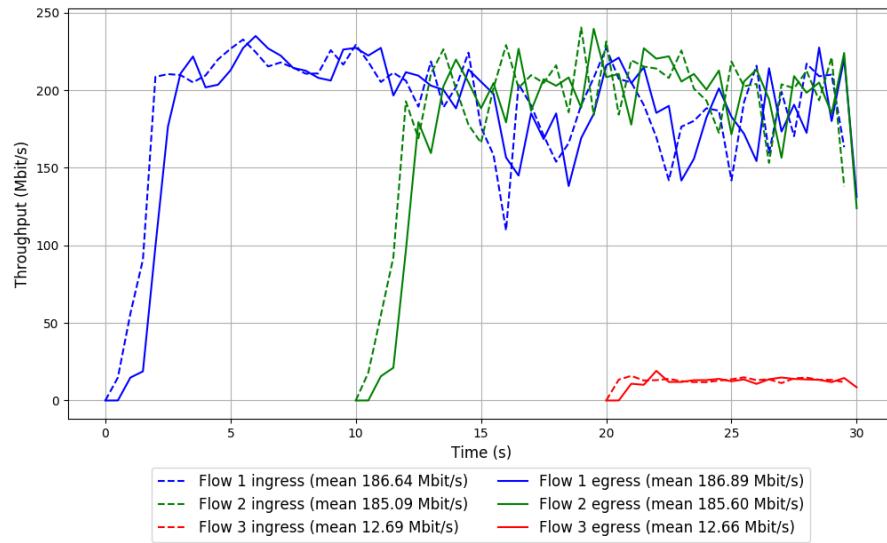


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-07-01 07:32:05
End at: 2018-07-01 07:32:35
Local clock offset: -0.057 ms
Remote clock offset: 0.018 ms

# Below is generated by plot.py at 2018-07-01 10:14:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 314.09 Mbit/s
95th percentile per-packet one-way delay: 140.456 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 186.89 Mbit/s
95th percentile per-packet one-way delay: 140.413 ms
Loss rate: 0.78%
-- Flow 2:
Average throughput: 185.60 Mbit/s
95th percentile per-packet one-way delay: 140.606 ms
Loss rate: 1.10%
-- Flow 3:
Average throughput: 12.66 Mbit/s
95th percentile per-packet one-way delay: 137.201 ms
Loss rate: 2.94%
```

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

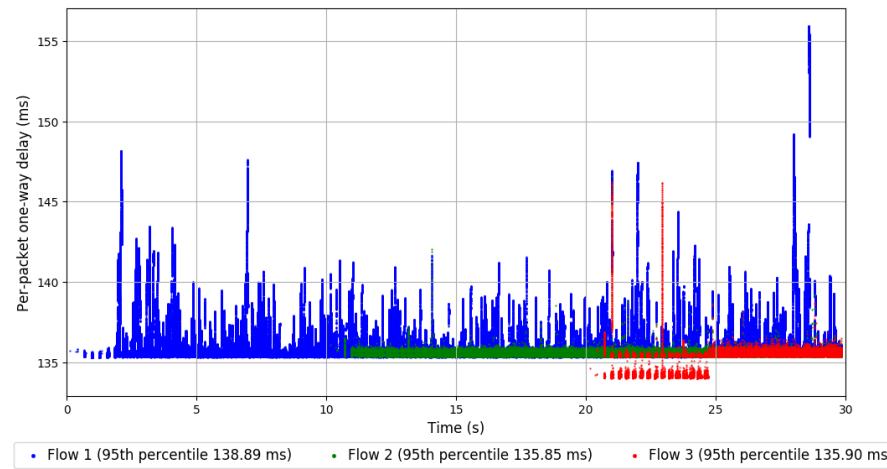
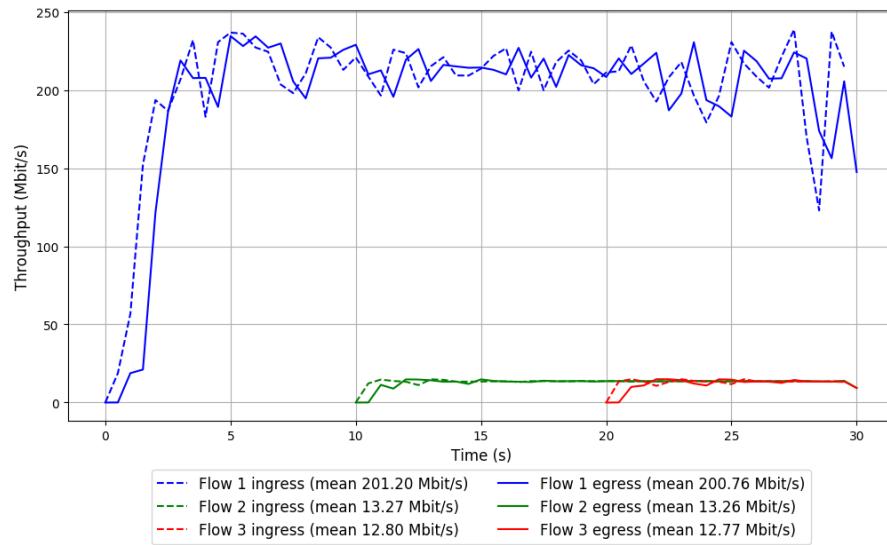


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-07-01 07:58:05
End at: 2018-07-01 07:58:35
Local clock offset: -0.105 ms
Remote clock offset: 0.511 ms

# Below is generated by plot.py at 2018-07-01 10:14:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 213.71 Mbit/s
95th percentile per-packet one-way delay: 138.787 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 200.76 Mbit/s
95th percentile per-packet one-way delay: 138.887 ms
Loss rate: 1.13%
-- Flow 2:
Average throughput: 13.26 Mbit/s
95th percentile per-packet one-way delay: 135.851 ms
Loss rate: 1.42%
-- Flow 3:
Average throughput: 12.77 Mbit/s
95th percentile per-packet one-way delay: 135.904 ms
Loss rate: 2.93%
```

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

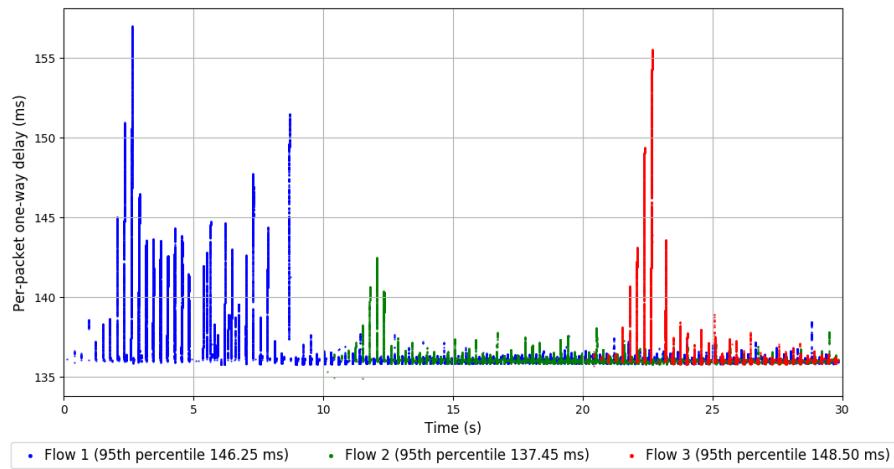
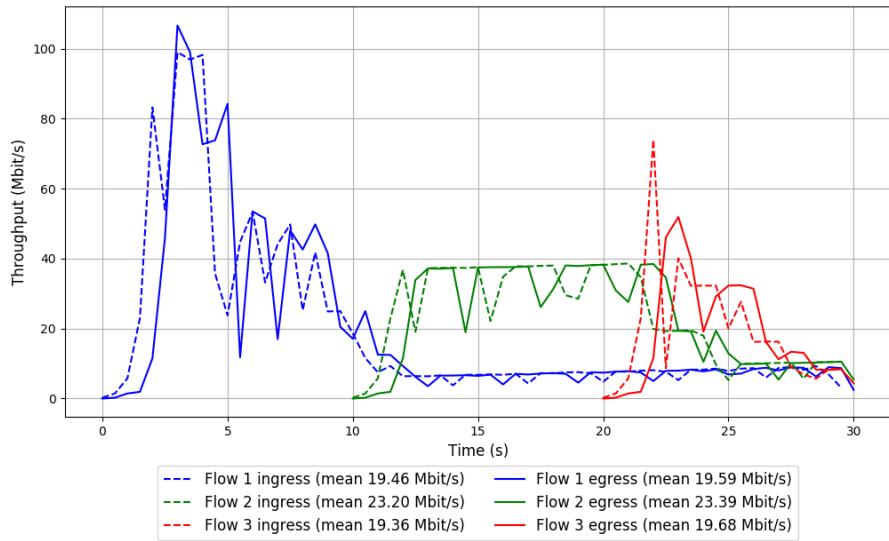


Run 1: Statistics of TCP Vegas

```
Start at: 2018-07-01 04:12:08
End at: 2018-07-01 04:12:38
Local clock offset: 0.162 ms
Remote clock offset: 0.094 ms

# Below is generated by plot.py at 2018-07-01 10:14:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.50 Mbit/s
95th percentile per-packet one-way delay: 145.160 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 19.59 Mbit/s
95th percentile per-packet one-way delay: 146.250 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 23.39 Mbit/s
95th percentile per-packet one-way delay: 137.446 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 19.68 Mbit/s
95th percentile per-packet one-way delay: 148.500 ms
Loss rate: 1.14%
```

Run 1: Report of TCP Vegas — Data Link

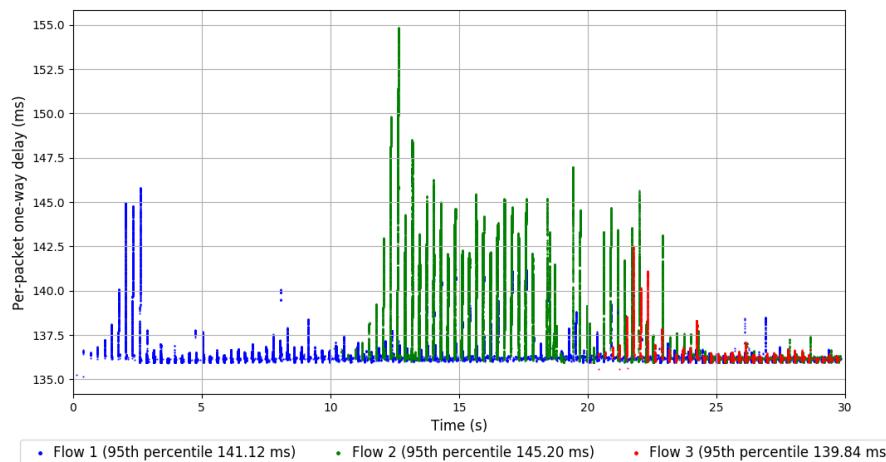
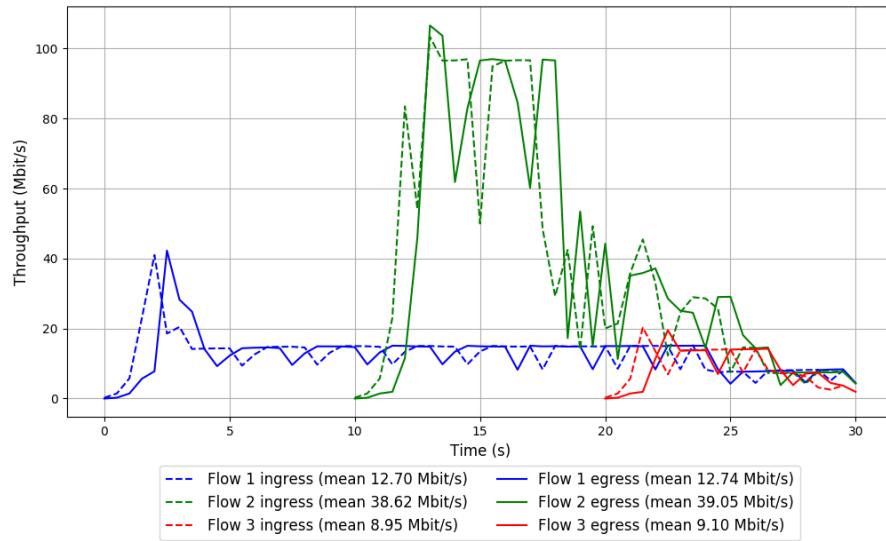


Run 2: Statistics of TCP Vegas

```
Start at: 2018-07-01 04:37:52
End at: 2018-07-01 04:38:22
Local clock offset: -0.021 ms
Remote clock offset: 0.039 ms

# Below is generated by plot.py at 2018-07-01 10:14:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 41.59 Mbit/s
95th percentile per-packet one-way delay: 144.546 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 12.74 Mbit/s
95th percentile per-packet one-way delay: 141.117 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 39.05 Mbit/s
95th percentile per-packet one-way delay: 145.201 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 9.10 Mbit/s
95th percentile per-packet one-way delay: 139.844 ms
Loss rate: 1.12%
```

Run 2: Report of TCP Vegas — Data Link

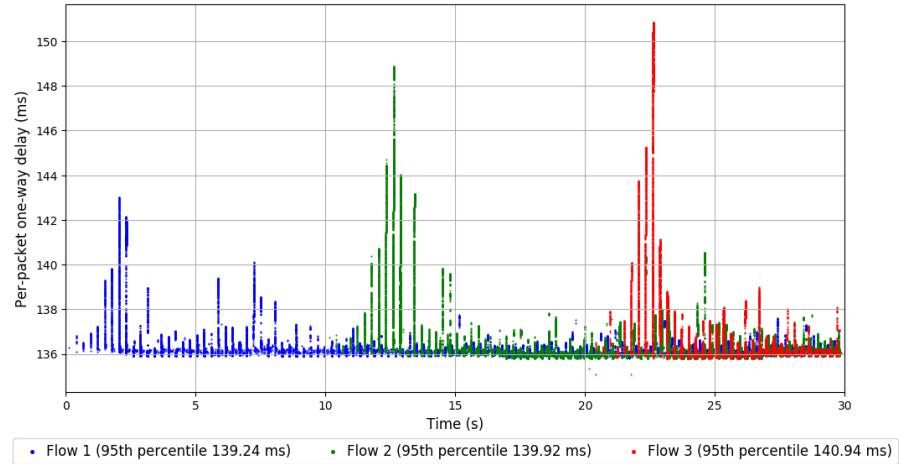
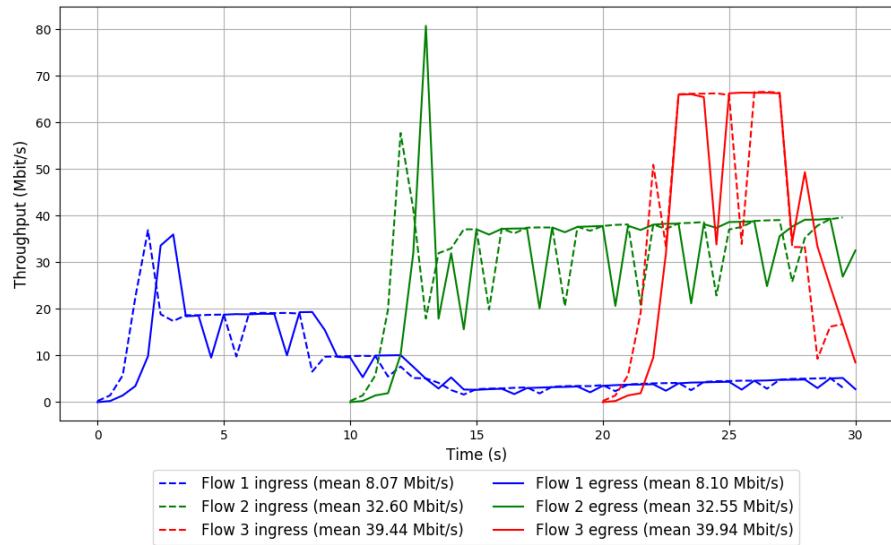


Run 3: Statistics of TCP Vegas

```
Start at: 2018-07-01 05:03:33
End at: 2018-07-01 05:04:03
Local clock offset: -0.224 ms
Remote clock offset: 0.042 ms

# Below is generated by plot.py at 2018-07-01 10:14:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 42.72 Mbit/s
95th percentile per-packet one-way delay: 140.066 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 8.10 Mbit/s
95th percentile per-packet one-way delay: 139.235 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 32.55 Mbit/s
95th percentile per-packet one-way delay: 139.922 ms
Loss rate: 1.53%
-- Flow 3:
Average throughput: 39.94 Mbit/s
95th percentile per-packet one-way delay: 140.942 ms
Loss rate: 1.08%
```

Run 3: Report of TCP Vegas — Data Link

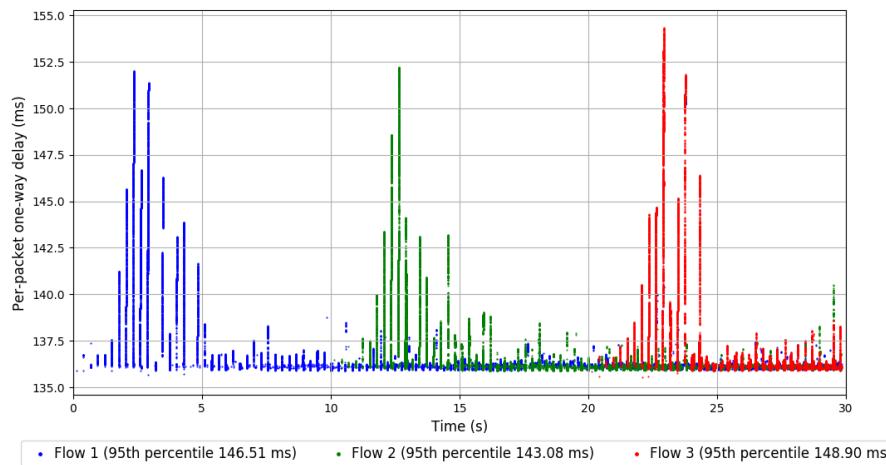
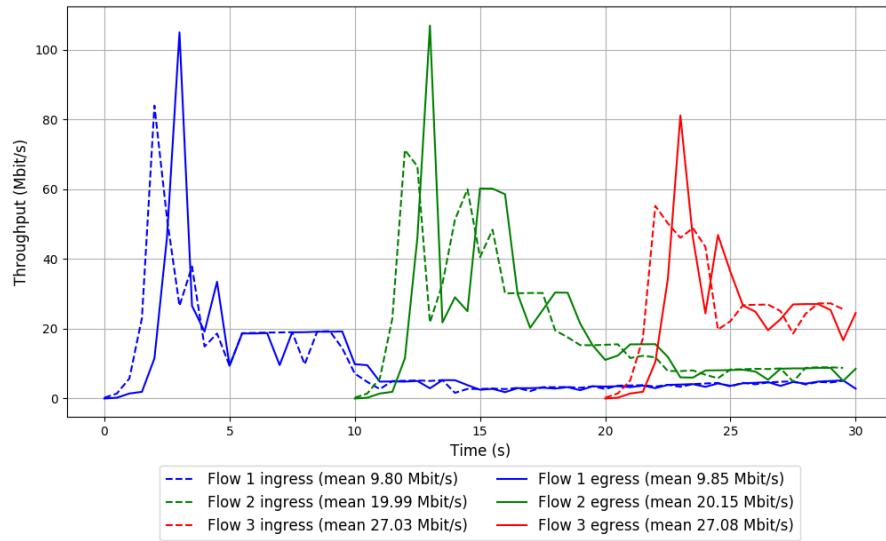


Run 4: Statistics of TCP Vegas

```
Start at: 2018-07-01 05:29:16
End at: 2018-07-01 05:29:46
Local clock offset: 0.232 ms
Remote clock offset: 0.455 ms

# Below is generated by plot.py at 2018-07-01 10:14:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 32.02 Mbit/s
95th percentile per-packet one-way delay: 146.004 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 9.85 Mbit/s
95th percentile per-packet one-way delay: 146.508 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 20.15 Mbit/s
95th percentile per-packet one-way delay: 143.078 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 27.08 Mbit/s
95th percentile per-packet one-way delay: 148.901 ms
Loss rate: 2.56%
```

Run 4: Report of TCP Vegas — Data Link

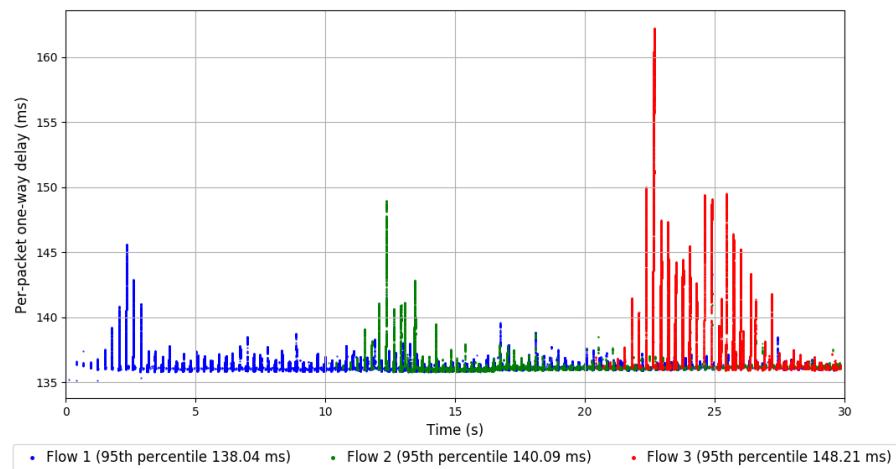
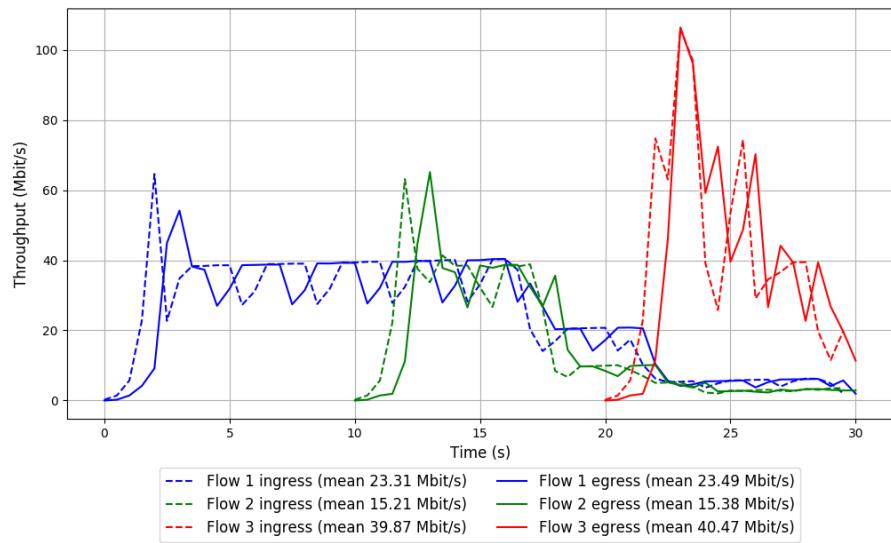


Run 5: Statistics of TCP Vegas

```
Start at: 2018-07-01 05:54:53
End at: 2018-07-01 05:55:23
Local clock offset: 0.253 ms
Remote clock offset: 0.055 ms

# Below is generated by plot.py at 2018-07-01 10:14:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 46.86 Mbit/s
95th percentile per-packet one-way delay: 144.161 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 23.49 Mbit/s
95th percentile per-packet one-way delay: 138.039 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 15.38 Mbit/s
95th percentile per-packet one-way delay: 140.091 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 40.47 Mbit/s
95th percentile per-packet one-way delay: 148.206 ms
Loss rate: 1.27%
```

Run 5: Report of TCP Vegas — Data Link

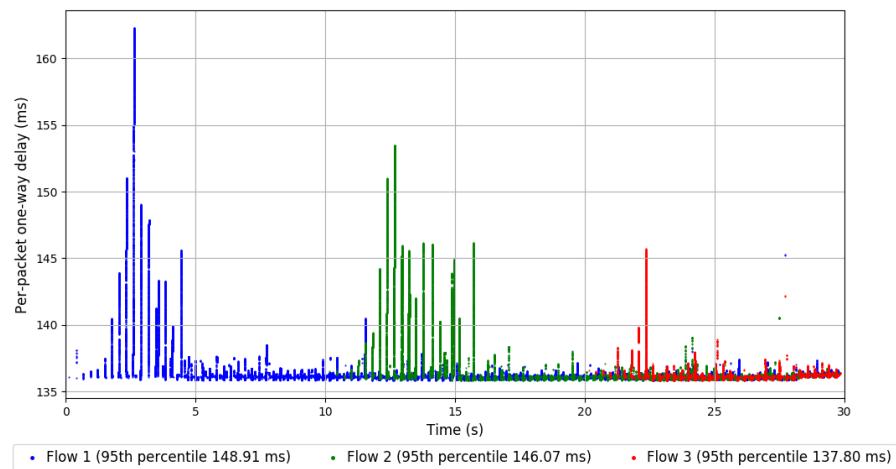
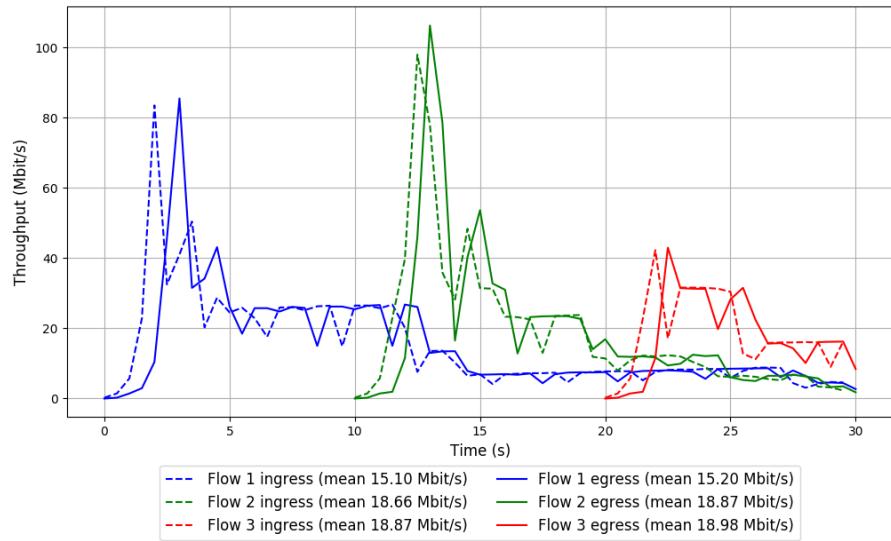


Run 6: Statistics of TCP Vegas

```
Start at: 2018-07-01 06:20:42
End at: 2018-07-01 06:21:12
Local clock offset: 0.229 ms
Remote clock offset: 0.084 ms

# Below is generated by plot.py at 2018-07-01 10:14:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 33.85 Mbit/s
95th percentile per-packet one-way delay: 146.131 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 15.20 Mbit/s
95th percentile per-packet one-way delay: 148.915 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 18.87 Mbit/s
95th percentile per-packet one-way delay: 146.068 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 18.98 Mbit/s
95th percentile per-packet one-way delay: 137.800 ms
Loss rate: 2.21%
```

Run 6: Report of TCP Vegas — Data Link

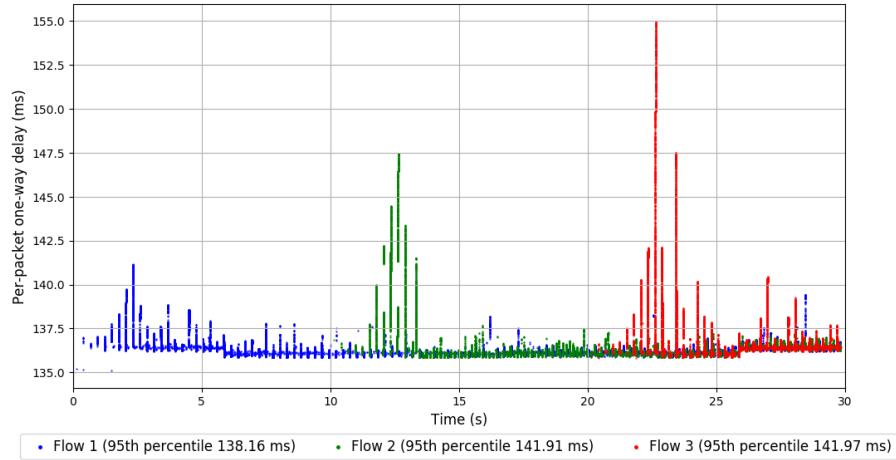
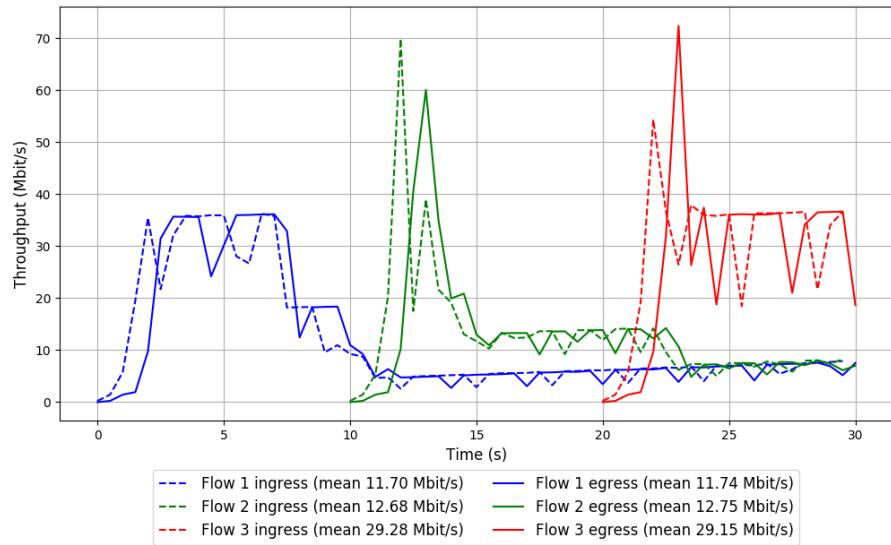


Run 7: Statistics of TCP Vegas

```
Start at: 2018-07-01 06:46:44
End at: 2018-07-01 06:47:14
Local clock offset: 0.218 ms
Remote clock offset: -0.059 ms

# Below is generated by plot.py at 2018-07-01 10:14:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 29.68 Mbit/s
95th percentile per-packet one-way delay: 141.054 ms
Loss rate: 1.50%
-- Flow 1:
Average throughput: 11.74 Mbit/s
95th percentile per-packet one-way delay: 138.155 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 12.75 Mbit/s
95th percentile per-packet one-way delay: 141.914 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 29.15 Mbit/s
95th percentile per-packet one-way delay: 141.969 ms
Loss rate: 3.17%
```

Run 7: Report of TCP Vegas — Data Link

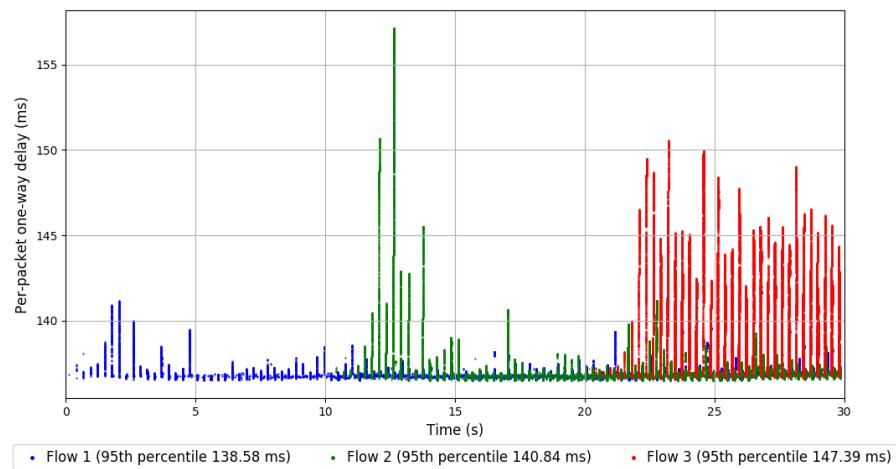
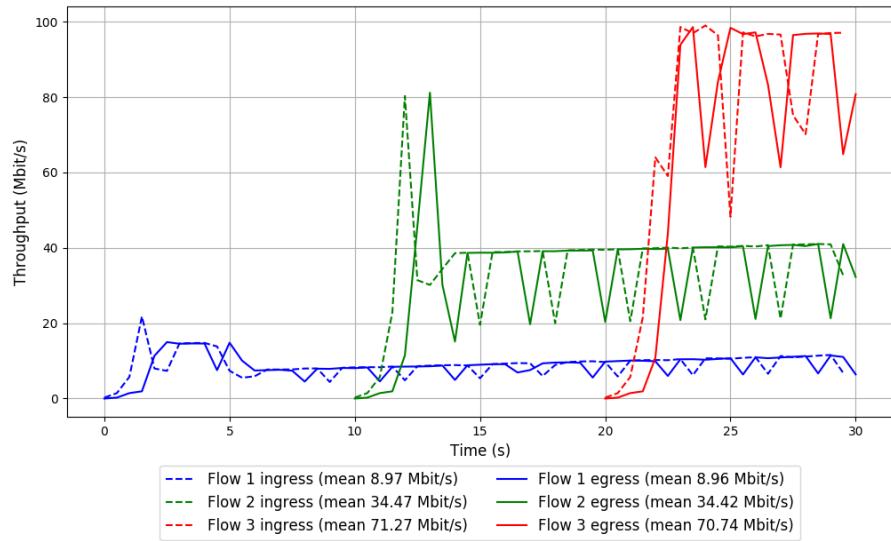


Run 8: Statistics of TCP Vegas

```
Start at: 2018-07-01 07:12:13
End at: 2018-07-01 07:12:43
Local clock offset: 0.062 ms
Remote clock offset: -0.451 ms

# Below is generated by plot.py at 2018-07-01 10:14:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 54.76 Mbit/s
95th percentile per-packet one-way delay: 145.616 ms
Loss rate: 2.26%
-- Flow 1:
Average throughput: 8.96 Mbit/s
95th percentile per-packet one-way delay: 138.576 ms
Loss rate: 1.11%
-- Flow 2:
Average throughput: 34.42 Mbit/s
95th percentile per-packet one-way delay: 140.837 ms
Loss rate: 1.50%
-- Flow 3:
Average throughput: 70.74 Mbit/s
95th percentile per-packet one-way delay: 147.391 ms
Loss rate: 3.43%
```

Run 8: Report of TCP Vegas — Data Link

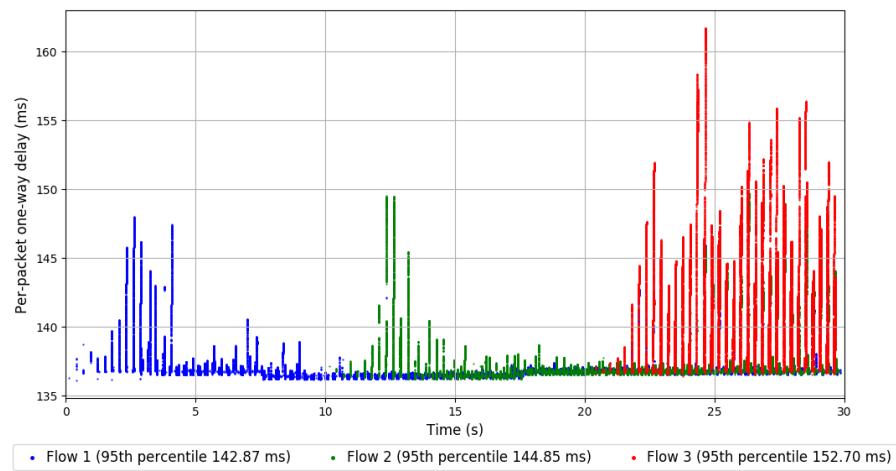
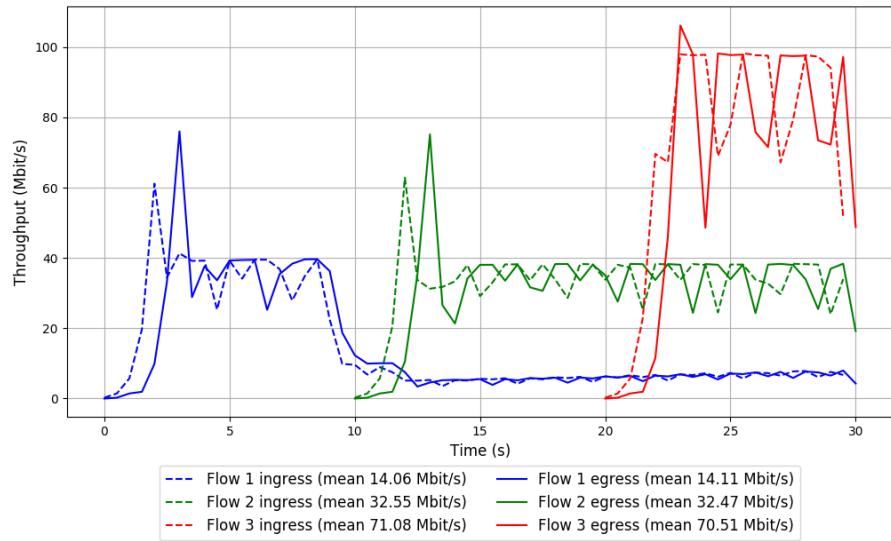


Run 9: Statistics of TCP Vegas

```
Start at: 2018-07-01 07:38:12
End at: 2018-07-01 07:38:42
Local clock offset: -0.013 ms
Remote clock offset: -0.362 ms

# Below is generated by plot.py at 2018-07-01 10:14:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 58.18 Mbit/s
95th percentile per-packet one-way delay: 148.714 ms
Loss rate: 2.05%
-- Flow 1:
Average throughput: 14.11 Mbit/s
95th percentile per-packet one-way delay: 142.866 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 32.47 Mbit/s
95th percentile per-packet one-way delay: 144.850 ms
Loss rate: 1.48%
-- Flow 3:
Average throughput: 70.51 Mbit/s
95th percentile per-packet one-way delay: 152.697 ms
Loss rate: 3.53%
```

Run 9: Report of TCP Vegas — Data Link

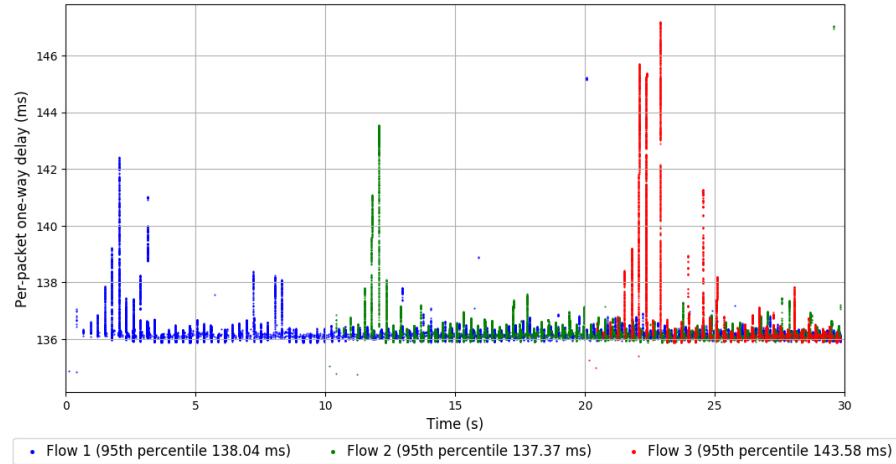
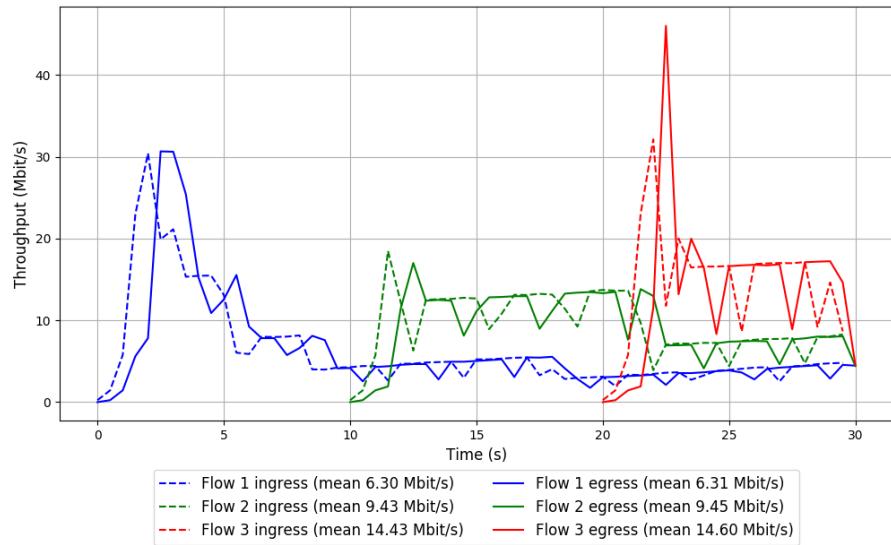


Run 10: Statistics of TCP Vegas

```
Start at: 2018-07-01 08:04:03
End at: 2018-07-01 08:04:33
Local clock offset: 0.103 ms
Remote clock offset: 0.107 ms

# Below is generated by plot.py at 2018-07-01 10:14:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 17.33 Mbit/s
95th percentile per-packet one-way delay: 139.825 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 6.31 Mbit/s
95th percentile per-packet one-way delay: 138.041 ms
Loss rate: 0.67%
-- Flow 2:
Average throughput: 9.45 Mbit/s
95th percentile per-packet one-way delay: 137.365 ms
Loss rate: 1.13%
-- Flow 3:
Average throughput: 14.60 Mbit/s
95th percentile per-packet one-way delay: 143.582 ms
Loss rate: 1.55%
```

Run 10: Report of TCP Vegas — Data Link

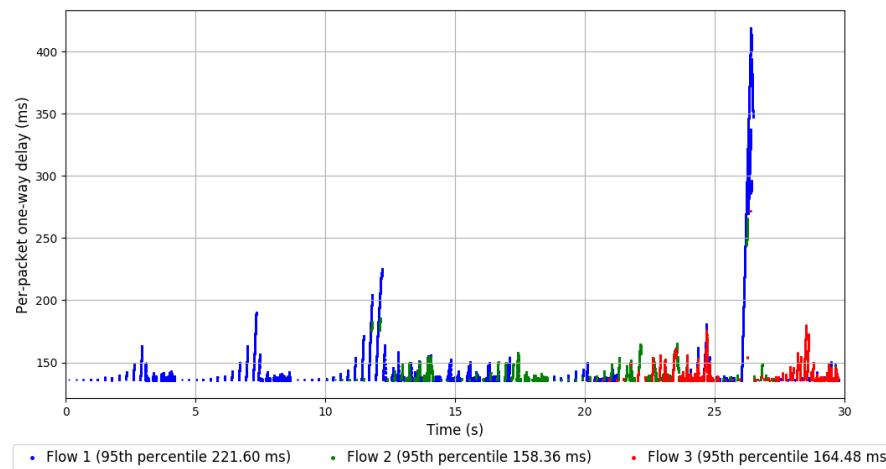
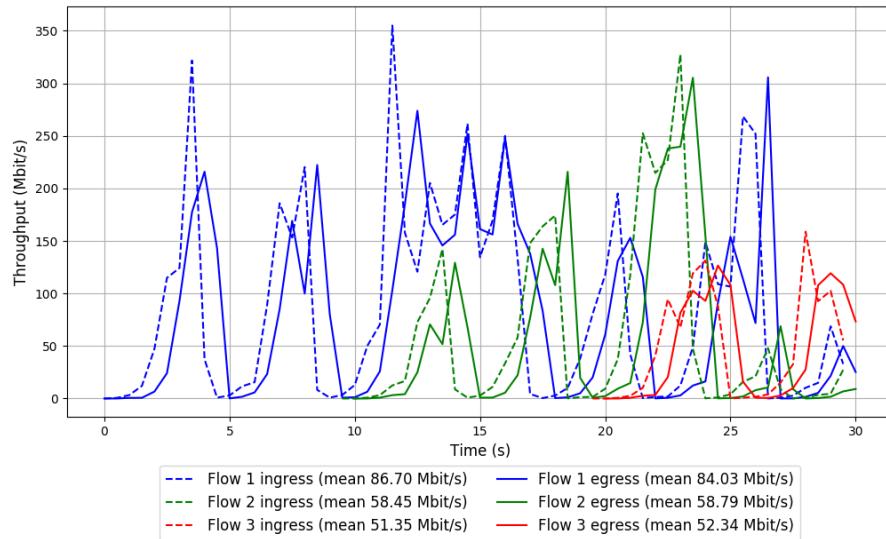


Run 1: Statistics of Verus

```
Start at: 2018-07-01 04:09:18
End at: 2018-07-01 04:09:48
Local clock offset: 0.053 ms
Remote clock offset: 0.071 ms

# Below is generated by plot.py at 2018-07-01 10:14:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 139.79 Mbit/s
95th percentile per-packet one-way delay: 192.081 ms
Loss rate: 2.81%
-- Flow 1:
Average throughput: 84.03 Mbit/s
95th percentile per-packet one-way delay: 221.603 ms
Loss rate: 4.01%
-- Flow 2:
Average throughput: 58.79 Mbit/s
95th percentile per-packet one-way delay: 158.360 ms
Loss rate: 0.80%
-- Flow 3:
Average throughput: 52.34 Mbit/s
95th percentile per-packet one-way delay: 164.482 ms
Loss rate: 1.28%
```

Run 1: Report of Verus — Data Link

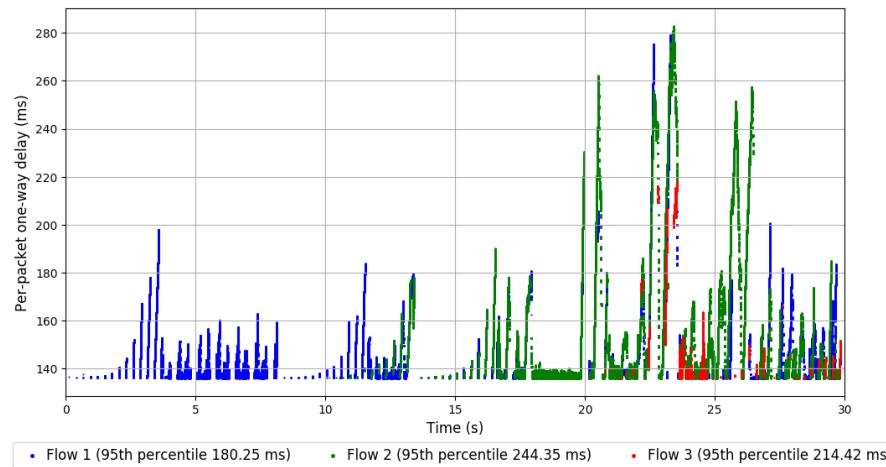
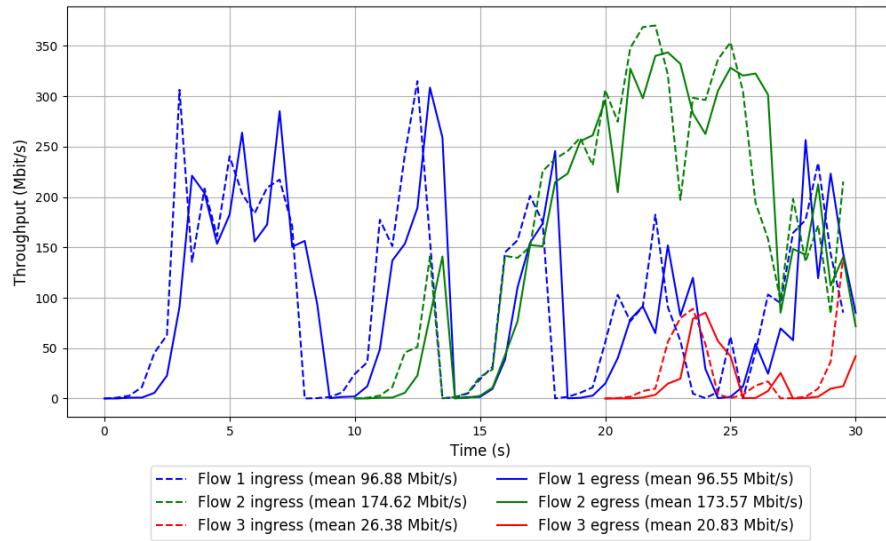


Run 2: Statistics of Verus

```
Start at: 2018-07-01 04:34:54
End at: 2018-07-01 04:35:24
Local clock offset: -0.029 ms
Remote clock offset: 0.031 ms

# Below is generated by plot.py at 2018-07-01 10:14:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 218.24 Mbit/s
95th percentile per-packet one-way delay: 234.718 ms
Loss rate: 2.58%
-- Flow 1:
Average throughput: 96.55 Mbit/s
95th percentile per-packet one-way delay: 180.253 ms
Loss rate: 1.25%
-- Flow 2:
Average throughput: 173.57 Mbit/s
95th percentile per-packet one-way delay: 244.352 ms
Loss rate: 2.13%
-- Flow 3:
Average throughput: 20.83 Mbit/s
95th percentile per-packet one-way delay: 214.418 ms
Loss rate: 23.21%
```

Run 2: Report of Verus — Data Link

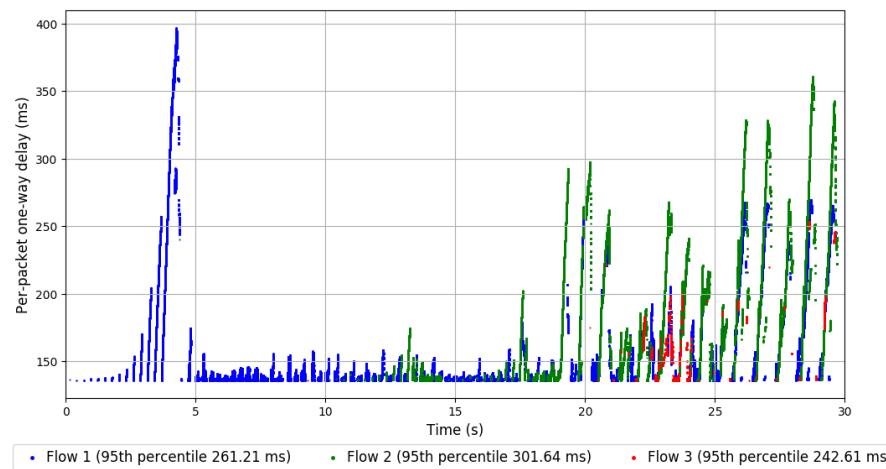
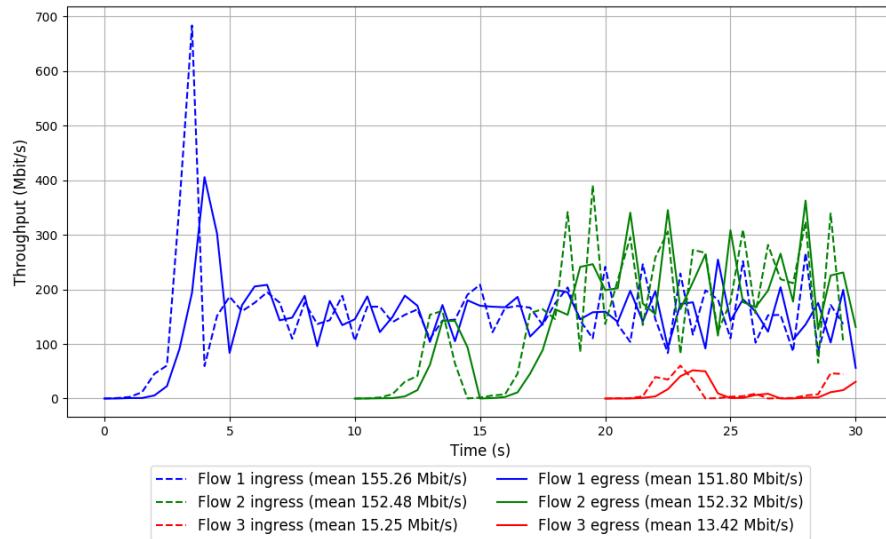


Run 3: Statistics of Verus

```
Start at: 2018-07-01 05:00:32
End at: 2018-07-01 05:01:02
Local clock offset: -0.193 ms
Remote clock offset: 0.069 ms

# Below is generated by plot.py at 2018-07-01 10:14:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 256.47 Mbit/s
95th percentile per-packet one-way delay: 282.885 ms
Loss rate: 3.32%
-- Flow 1:
Average throughput: 151.80 Mbit/s
95th percentile per-packet one-way delay: 261.210 ms
Loss rate: 3.74%
-- Flow 2:
Average throughput: 152.32 Mbit/s
95th percentile per-packet one-way delay: 301.638 ms
Loss rate: 2.11%
-- Flow 3:
Average throughput: 13.42 Mbit/s
95th percentile per-packet one-way delay: 242.606 ms
Loss rate: 15.11%
```

Run 3: Report of Verus — Data Link

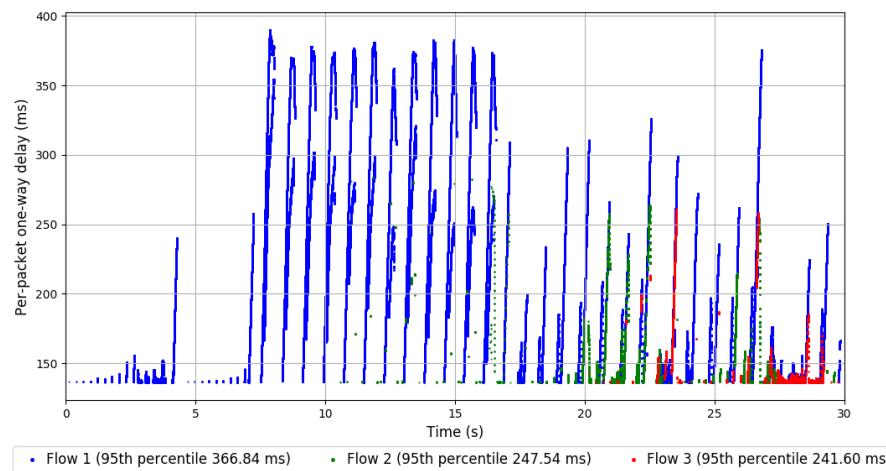
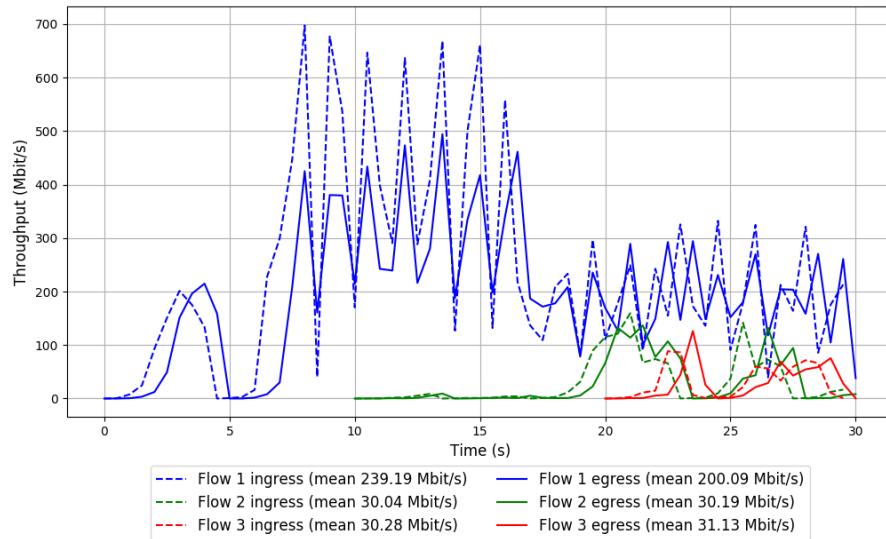


Run 4: Statistics of Verus

```
Start at: 2018-07-01 05:26:17
End at: 2018-07-01 05:26:47
Local clock offset: -0.039 ms
Remote clock offset: -0.32 ms

# Below is generated by plot.py at 2018-07-01 10:14:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 229.78 Mbit/s
95th percentile per-packet one-way delay: 364.860 ms
Loss rate: 15.16%
-- Flow 1:
Average throughput: 200.09 Mbit/s
95th percentile per-packet one-way delay: 366.844 ms
Loss rate: 16.91%
-- Flow 2:
Average throughput: 30.19 Mbit/s
95th percentile per-packet one-way delay: 247.545 ms
Loss rate: 1.62%
-- Flow 3:
Average throughput: 31.13 Mbit/s
95th percentile per-packet one-way delay: 241.605 ms
Loss rate: 0.09%
```

Run 4: Report of Verus — Data Link

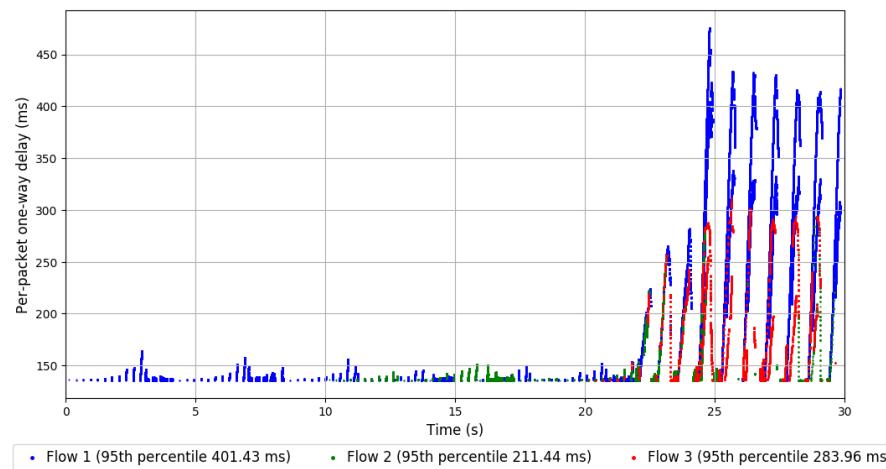
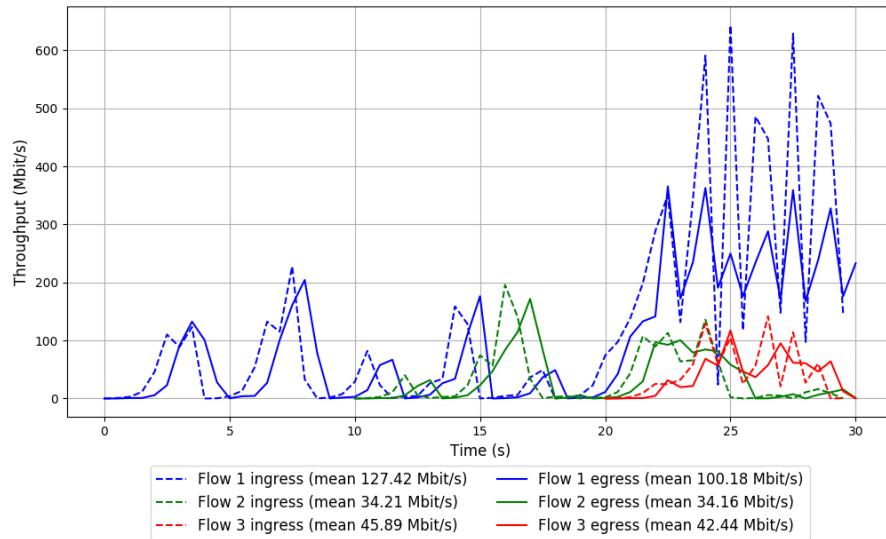


Run 5: Statistics of Verus

```
Start at: 2018-07-01 05:52:02
End at: 2018-07-01 05:52:32
Local clock offset: 0.155 ms
Remote clock offset: 0.086 ms

# Below is generated by plot.py at 2018-07-01 10:14:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 136.12 Mbit/s
95th percentile per-packet one-way delay: 393.332 ms
Loss rate: 17.39%
-- Flow 1:
Average throughput: 100.18 Mbit/s
95th percentile per-packet one-way delay: 401.432 ms
Loss rate: 21.09%
-- Flow 2:
Average throughput: 34.16 Mbit/s
95th percentile per-packet one-way delay: 211.438 ms
Loss rate: 1.50%
-- Flow 3:
Average throughput: 42.44 Mbit/s
95th percentile per-packet one-way delay: 283.965 ms
Loss rate: 10.12%
```

Run 5: Report of Verus — Data Link

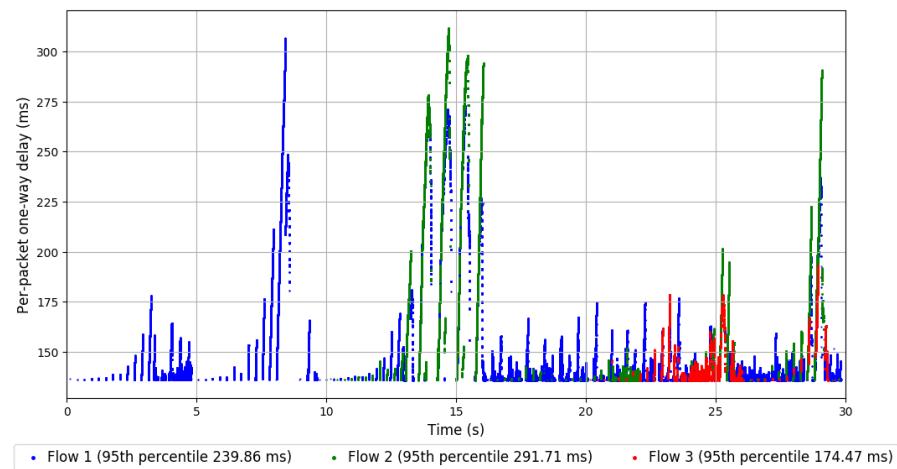
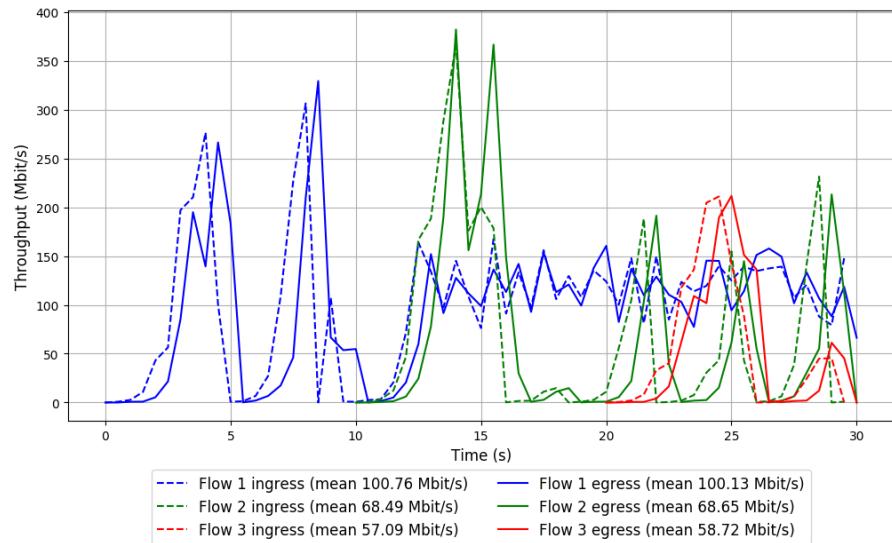


Run 6: Statistics of Verus

```
Start at: 2018-07-01 06:17:48
End at: 2018-07-01 06:18:18
Local clock offset: 0.211 ms
Remote clock offset: 0.088 ms

# Below is generated by plot.py at 2018-07-01 10:14:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 164.12 Mbit/s
95th percentile per-packet one-way delay: 267.119 ms
Loss rate: 1.25%
-- Flow 1:
Average throughput: 100.13 Mbit/s
95th percentile per-packet one-way delay: 239.857 ms
Loss rate: 1.52%
-- Flow 2:
Average throughput: 68.65 Mbit/s
95th percentile per-packet one-way delay: 291.710 ms
Loss rate: 1.14%
-- Flow 3:
Average throughput: 58.72 Mbit/s
95th percentile per-packet one-way delay: 174.466 ms
Loss rate: 0.03%
```

Run 6: Report of Verus — Data Link

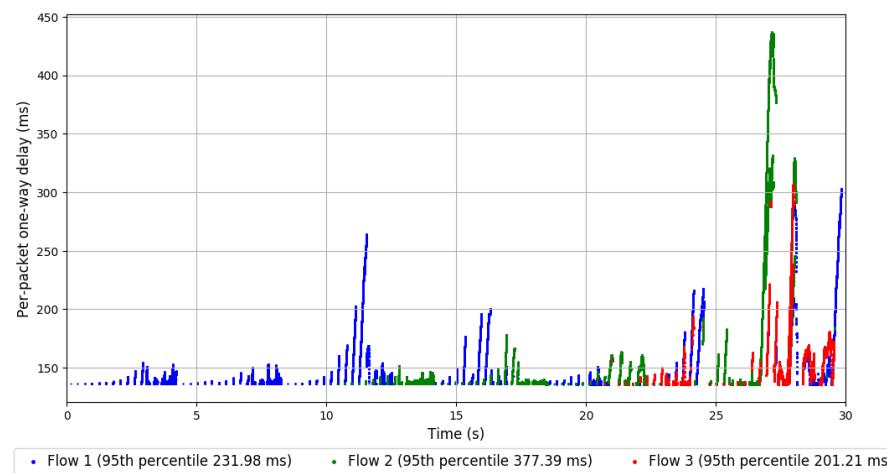
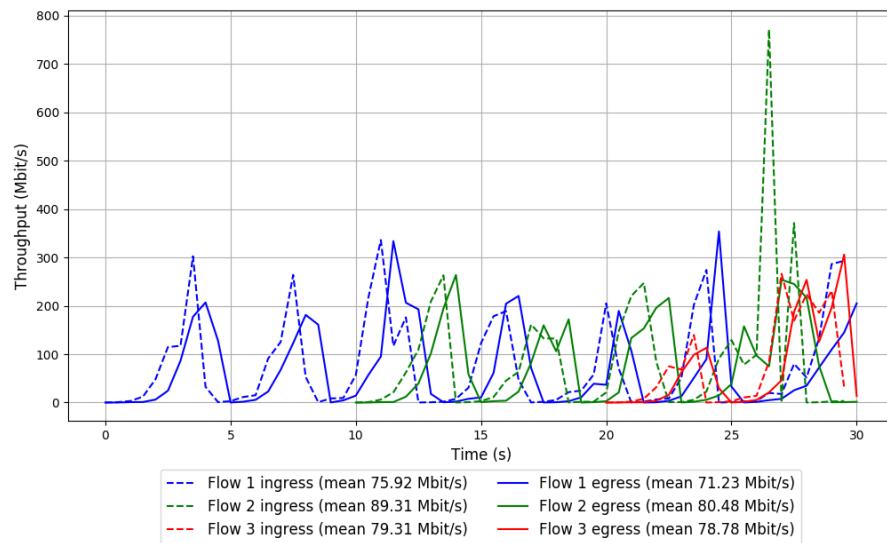


Run 7: Statistics of Verus

```
Start at: 2018-07-01 06:43:51
End at: 2018-07-01 06:44:21
Local clock offset: 0.286 ms
Remote clock offset: -0.024 ms

# Below is generated by plot.py at 2018-07-01 10:14:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 148.87 Mbit/s
95th percentile per-packet one-way delay: 275.095 ms
Loss rate: 7.70%
-- Flow 1:
Average throughput: 71.23 Mbit/s
95th percentile per-packet one-way delay: 231.982 ms
Loss rate: 6.25%
-- Flow 2:
Average throughput: 80.48 Mbit/s
95th percentile per-packet one-way delay: 377.392 ms
Loss rate: 11.13%
-- Flow 3:
Average throughput: 78.78 Mbit/s
95th percentile per-packet one-way delay: 201.209 ms
Loss rate: 4.12%
```

Run 7: Report of Verus — Data Link

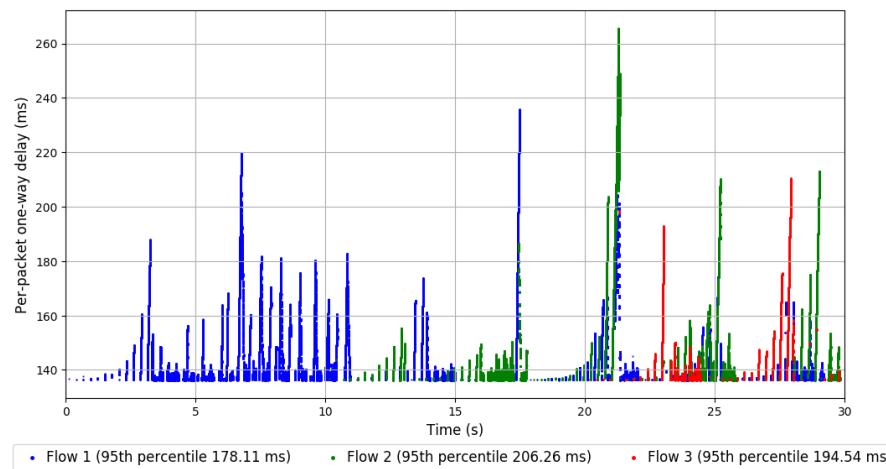
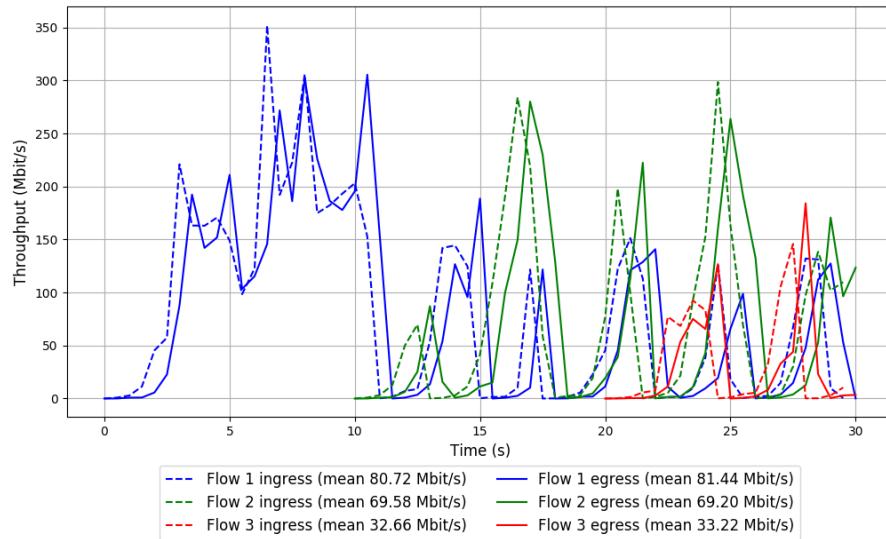


Run 8: Statistics of Verus

```
Start at: 2018-07-01 07:09:21
End at: 2018-07-01 07:09:51
Local clock offset: 0.168 ms
Remote clock offset: -0.015 ms

# Below is generated by plot.py at 2018-07-01 10:15:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 137.84 Mbit/s
95th percentile per-packet one-way delay: 190.981 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 81.44 Mbit/s
95th percentile per-packet one-way delay: 178.108 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 69.20 Mbit/s
95th percentile per-packet one-way delay: 206.263 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 33.22 Mbit/s
95th percentile per-packet one-way delay: 194.542 ms
Loss rate: 1.11%
```

Run 8: Report of Verus — Data Link

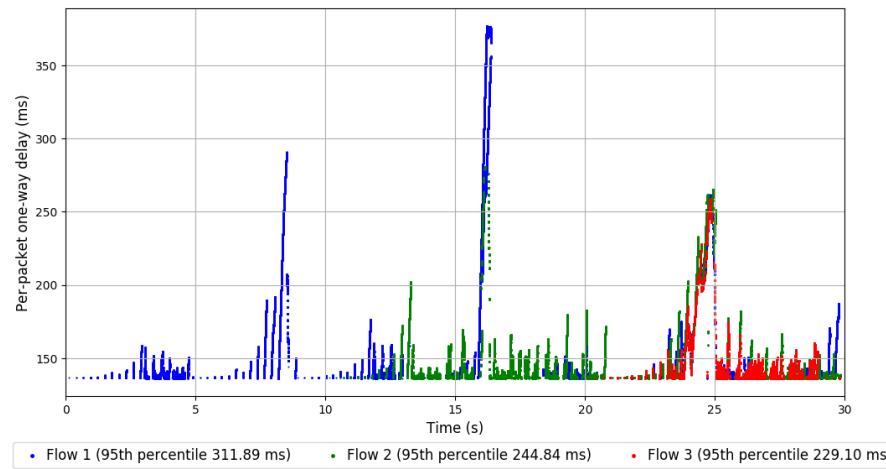
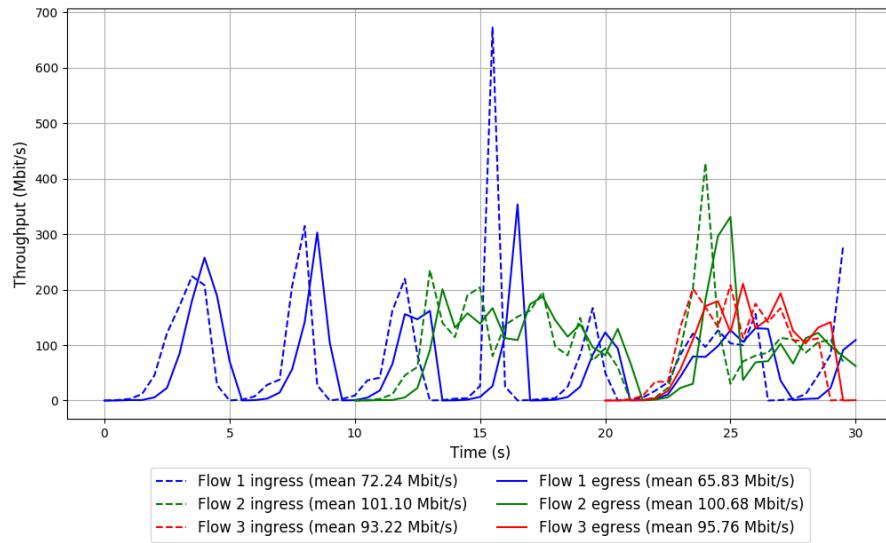


Run 9: Statistics of Verus

```
Start at: 2018-07-01 07:35:18
End at: 2018-07-01 07:35:48
Local clock offset: 0.078 ms
Remote clock offset: 0.023 ms

# Below is generated by plot.py at 2018-07-01 10:15:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 163.55 Mbit/s
95th percentile per-packet one-way delay: 257.417 ms
Loss rate: 4.83%
-- Flow 1:
Average throughput: 65.83 Mbit/s
95th percentile per-packet one-way delay: 311.892 ms
Loss rate: 9.73%
-- Flow 2:
Average throughput: 100.68 Mbit/s
95th percentile per-packet one-way delay: 244.843 ms
Loss rate: 1.76%
-- Flow 3:
Average throughput: 95.76 Mbit/s
95th percentile per-packet one-way delay: 229.100 ms
Loss rate: 0.09%
```

Run 9: Report of Verus — Data Link

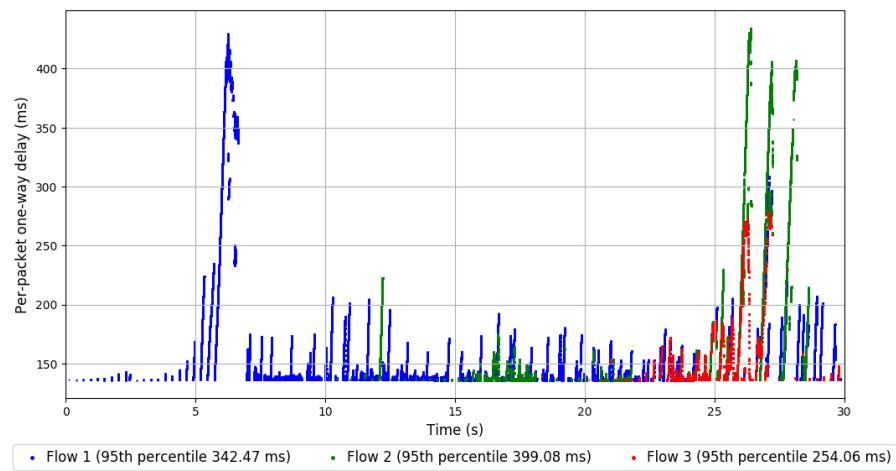
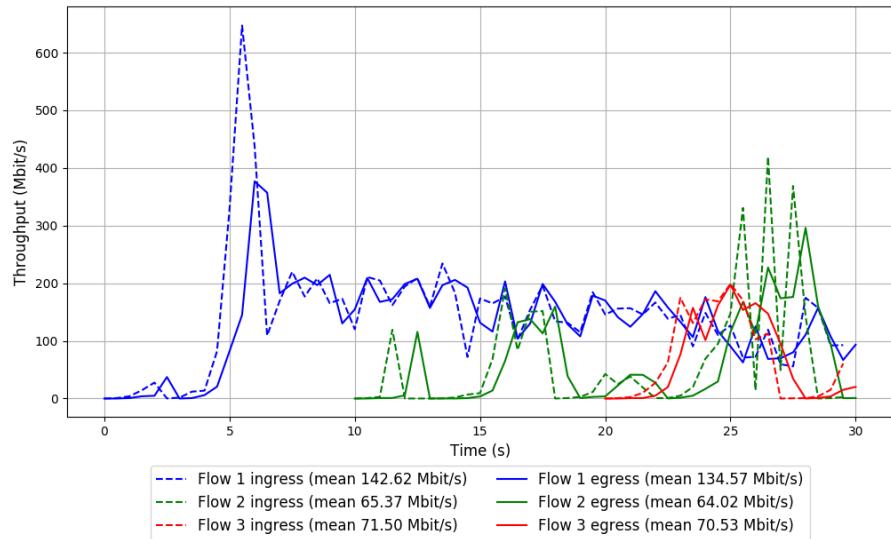


Run 10: Statistics of Verus

```
Start at: 2018-07-01 08:01:06
End at: 2018-07-01 08:01:36
Local clock offset: -0.064 ms
Remote clock offset: 0.082 ms

# Below is generated by plot.py at 2018-07-01 10:16:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 199.65 Mbit/s
95th percentile per-packet one-way delay: 356.577 ms
Loss rate: 5.26%
-- Flow 1:
Average throughput: 134.57 Mbit/s
95th percentile per-packet one-way delay: 342.473 ms
Loss rate: 6.02%
-- Flow 2:
Average throughput: 64.02 Mbit/s
95th percentile per-packet one-way delay: 399.078 ms
Loss rate: 3.40%
-- Flow 3:
Average throughput: 70.53 Mbit/s
95th percentile per-packet one-way delay: 254.059 ms
Loss rate: 4.12%
```

Run 10: Report of Verus — Data Link

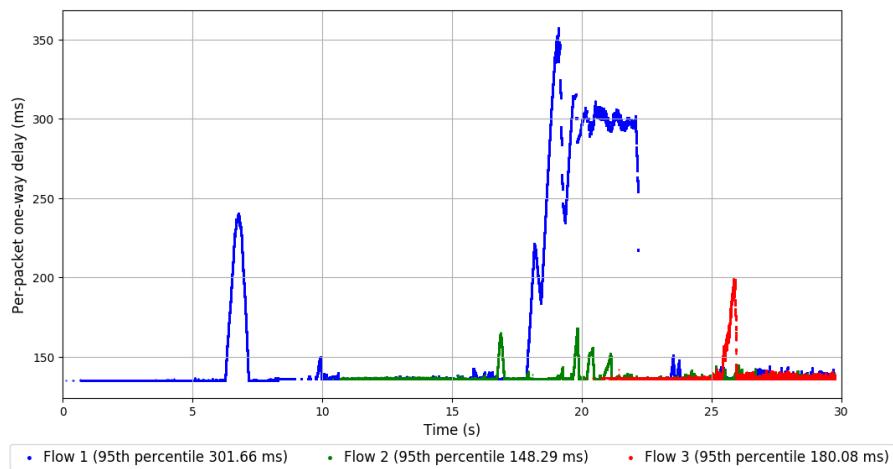
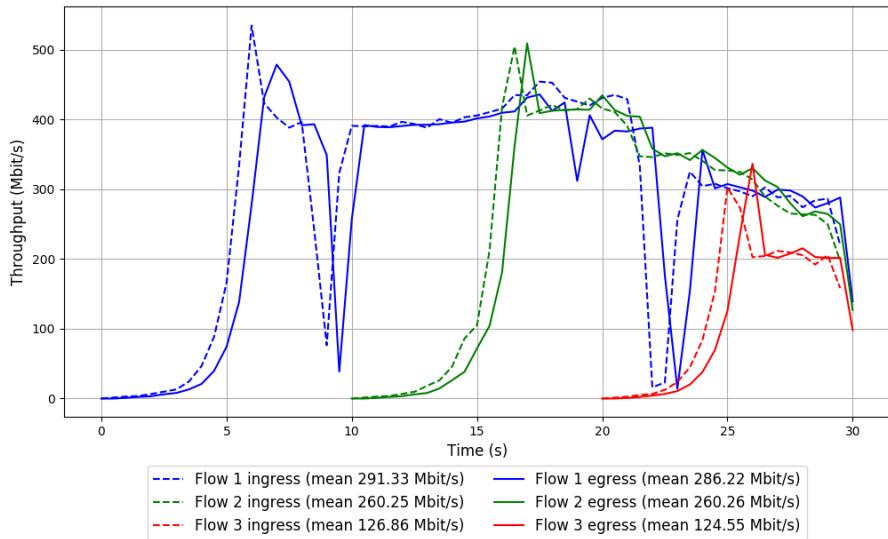


```
Run 1: Statistics of PCC-Vivace

Start at: 2018-07-01 04:18:51
End at: 2018-07-01 04:19:21
Local clock offset: 0.314 ms
Remote clock offset: 0.065 ms

# Below is generated by plot.py at 2018-07-01 10:23:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 498.76 Mbit/s
95th percentile per-packet one-way delay: 297.321 ms
Loss rate: 2.37%
-- Flow 1:
Average throughput: 286.22 Mbit/s
95th percentile per-packet one-way delay: 301.661 ms
Loss rate: 2.65%
-- Flow 2:
Average throughput: 260.26 Mbit/s
95th percentile per-packet one-way delay: 148.290 ms
Loss rate: 1.37%
-- Flow 3:
Average throughput: 124.55 Mbit/s
95th percentile per-packet one-way delay: 180.078 ms
Loss rate: 4.55%
```

Run 1: Report of PCC-Vivace — Data Link

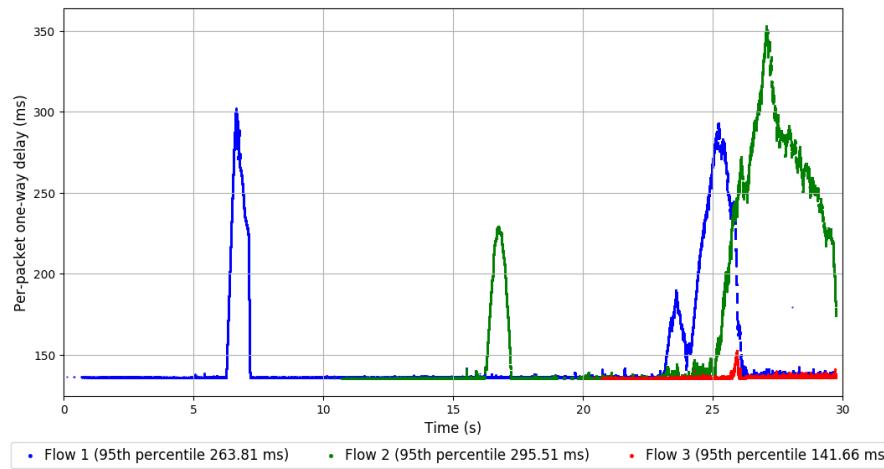
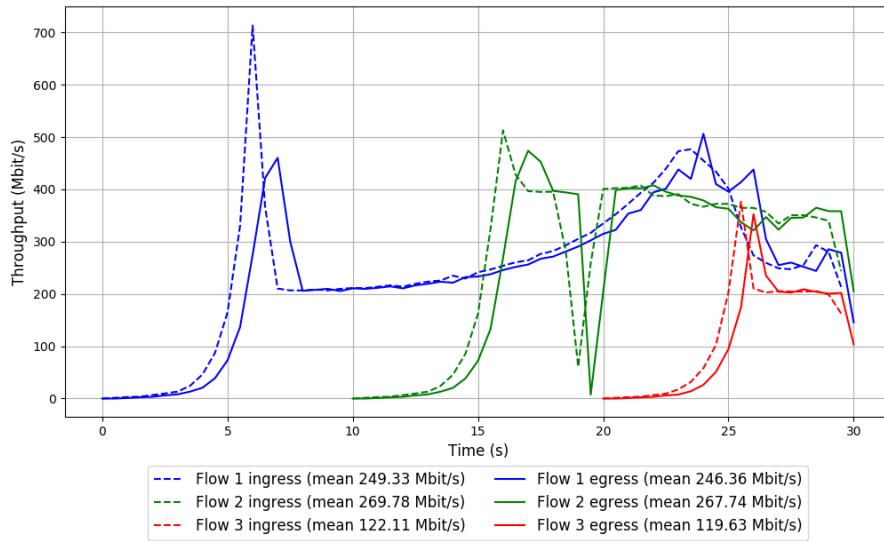


Run 2: Statistics of PCC-Vivace

```
Start at: 2018-07-01 04:44:34
End at: 2018-07-01 04:45:04
Local clock offset: -0.252 ms
Remote clock offset: -0.299 ms

# Below is generated by plot.py at 2018-07-01 10:23:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 462.30 Mbit/s
95th percentile per-packet one-way delay: 279.535 ms
Loss rate: 2.33%
-- Flow 1:
Average throughput: 246.36 Mbit/s
95th percentile per-packet one-way delay: 263.806 ms
Loss rate: 2.10%
-- Flow 2:
Average throughput: 267.74 Mbit/s
95th percentile per-packet one-way delay: 295.513 ms
Loss rate: 2.12%
-- Flow 3:
Average throughput: 119.63 Mbit/s
95th percentile per-packet one-way delay: 141.659 ms
Loss rate: 4.75%
```

Run 2: Report of PCC-Vivace — Data Link

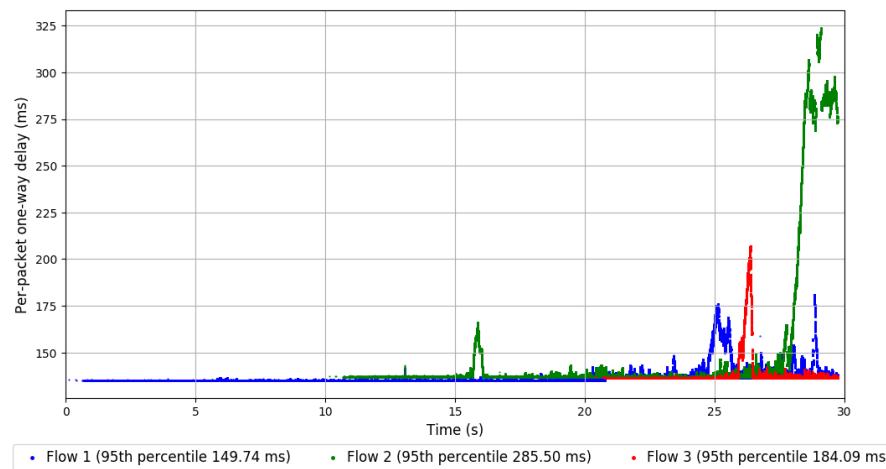
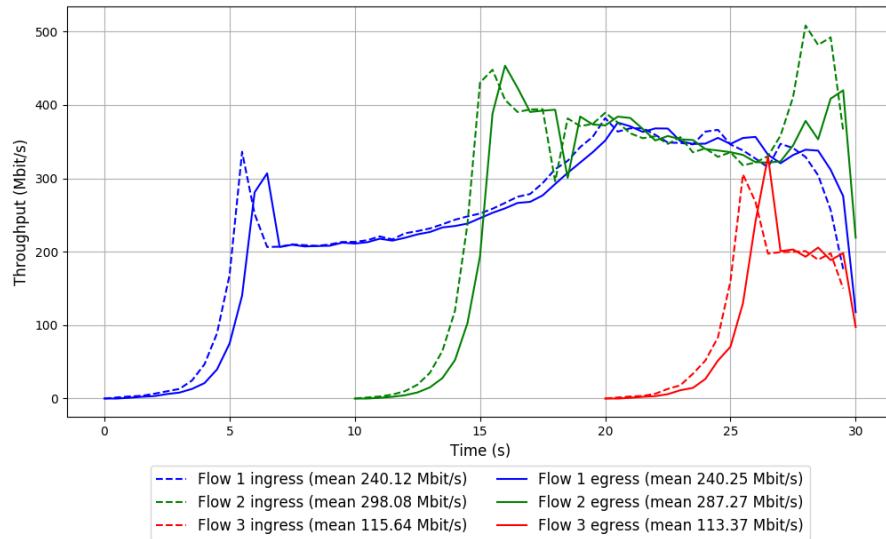


Run 3: Statistics of PCC-Vivace

```
Start at: 2018-07-01 05:10:19
End at: 2018-07-01 05:10:49
Local clock offset: -0.218 ms
Remote clock offset: -0.328 ms

# Below is generated by plot.py at 2018-07-01 10:24:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 467.14 Mbit/s
95th percentile per-packet one-way delay: 188.192 ms
Loss rate: 2.87%
-- Flow 1:
Average throughput: 240.25 Mbit/s
95th percentile per-packet one-way delay: 149.735 ms
Loss rate: 0.86%
-- Flow 2:
Average throughput: 287.27 Mbit/s
95th percentile per-packet one-way delay: 285.497 ms
Loss rate: 4.96%
-- Flow 3:
Average throughput: 113.37 Mbit/s
95th percentile per-packet one-way delay: 184.089 ms
Loss rate: 4.68%
```

Run 3: Report of PCC-Vivace — Data Link

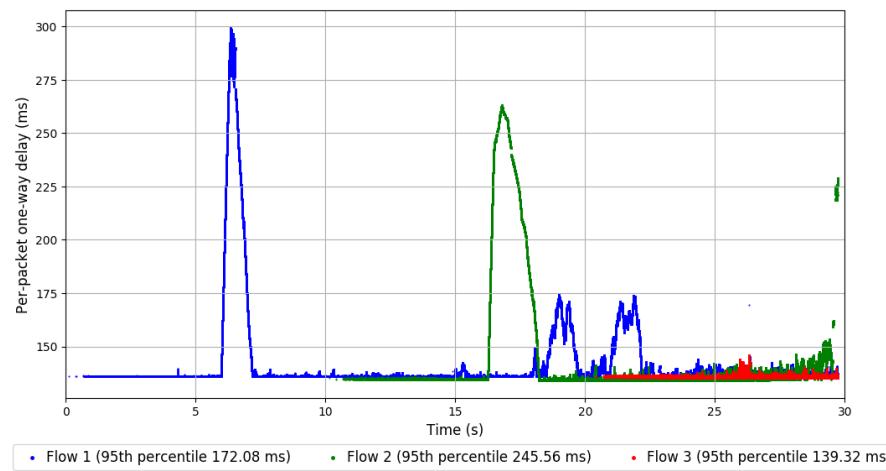
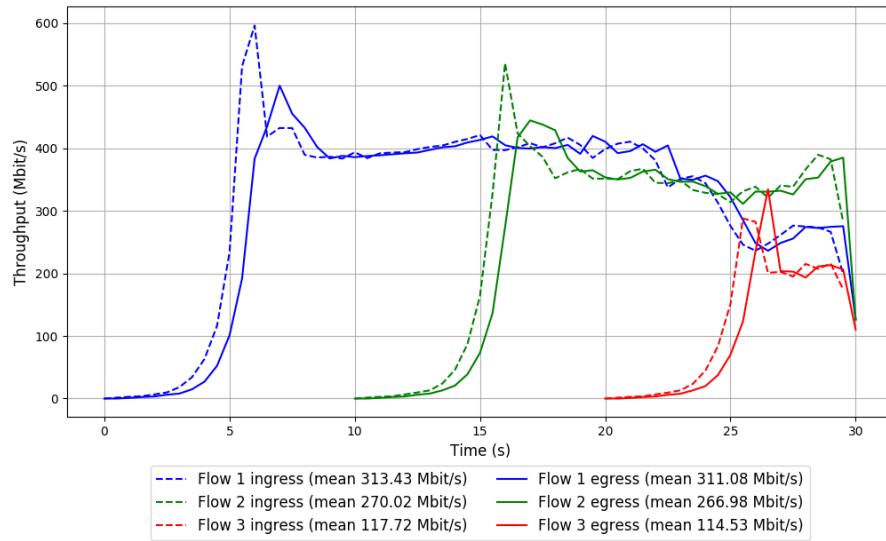


Run 4: Statistics of PCC-Vivace

```
Start at: 2018-07-01 05:36:03
End at: 2018-07-01 05:36:33
Local clock offset: 0.16 ms
Remote clock offset: 0.472 ms

# Below is generated by plot.py at 2018-07-01 10:25:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 524.87 Mbit/s
95th percentile per-packet one-way delay: 220.785 ms
Loss rate: 2.21%
-- Flow 1:
Average throughput: 311.08 Mbit/s
95th percentile per-packet one-way delay: 172.079 ms
Loss rate: 1.66%
-- Flow 2:
Average throughput: 266.98 Mbit/s
95th percentile per-packet one-way delay: 245.559 ms
Loss rate: 2.48%
-- Flow 3:
Average throughput: 114.53 Mbit/s
95th percentile per-packet one-way delay: 139.323 ms
Loss rate: 5.46%
```

Run 4: Report of PCC-Vivace — Data Link

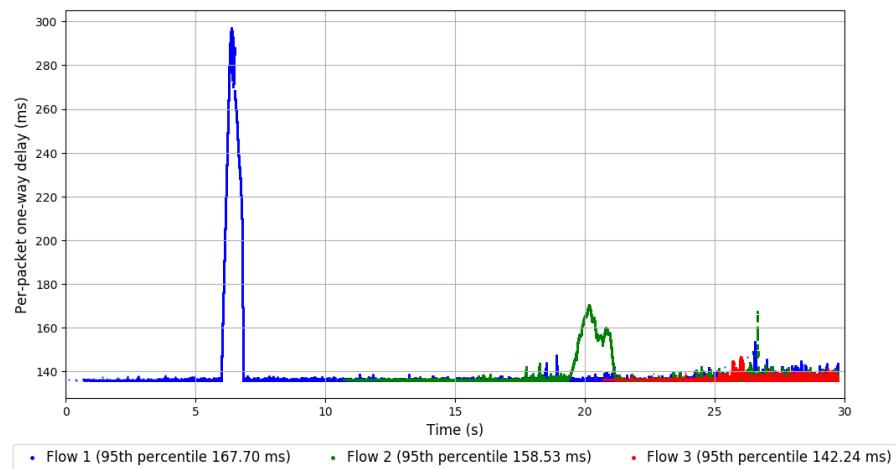
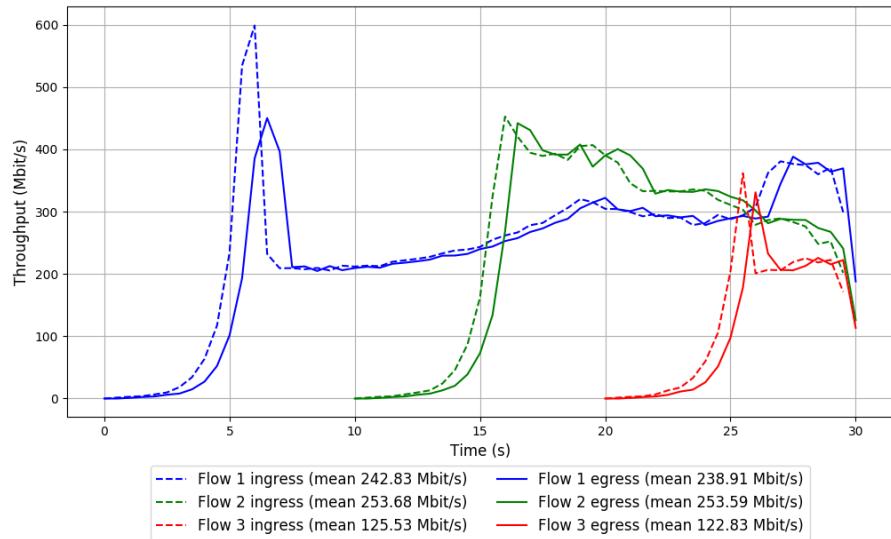


Run 5: Statistics of PCC-Vivace

```
Start at: 2018-07-01 06:01:35
End at: 2018-07-01 06:02:05
Local clock offset: 0.056 ms
Remote clock offset: -0.259 ms

# Below is generated by plot.py at 2018-07-01 10:25:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 446.58 Mbit/s
95th percentile per-packet one-way delay: 157.287 ms
Loss rate: 2.34%
-- Flow 1:
Average throughput: 238.91 Mbit/s
95th percentile per-packet one-way delay: 167.703 ms
Loss rate: 2.53%
-- Flow 2:
Average throughput: 253.59 Mbit/s
95th percentile per-packet one-way delay: 158.532 ms
Loss rate: 1.44%
-- Flow 3:
Average throughput: 122.83 Mbit/s
95th percentile per-packet one-way delay: 142.235 ms
Loss rate: 4.92%
```

Run 5: Report of PCC-Vivace — Data Link

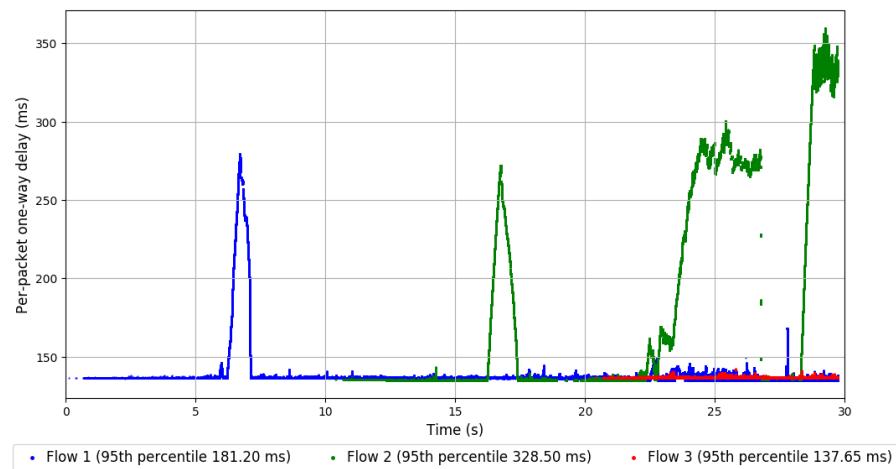
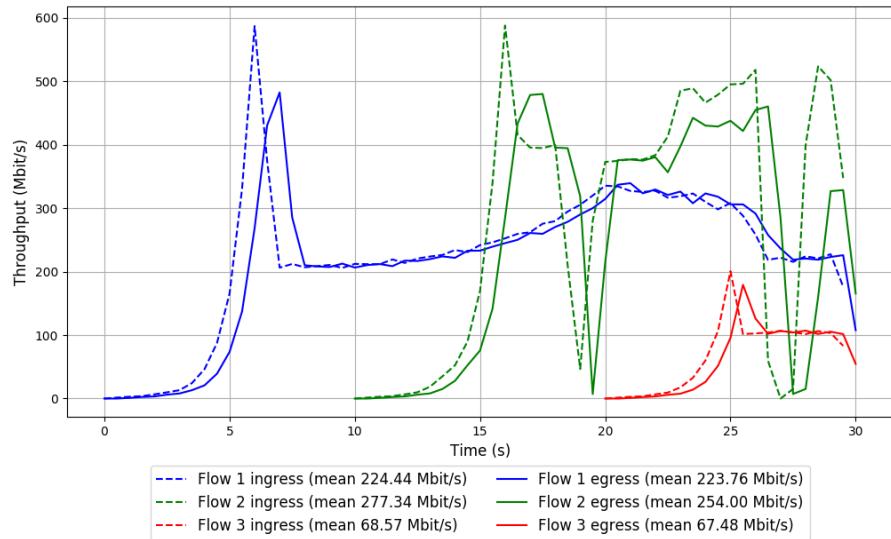


Run 6: Statistics of PCC-Vivace

```
Start at: 2018-07-01 06:27:27
End at: 2018-07-01 06:27:57
Local clock offset: 0.282 ms
Remote clock offset: -0.366 ms

# Below is generated by plot.py at 2018-07-01 10:25:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 413.79 Mbit/s
95th percentile per-packet one-way delay: 282.595 ms
Loss rate: 4.99%
-- Flow 1:
Average throughput: 223.76 Mbit/s
95th percentile per-packet one-way delay: 181.203 ms
Loss rate: 1.21%
-- Flow 2:
Average throughput: 254.00 Mbit/s
95th percentile per-packet one-way delay: 328.501 ms
Loss rate: 9.67%
-- Flow 3:
Average throughput: 67.48 Mbit/s
95th percentile per-packet one-way delay: 137.648 ms
Loss rate: 4.31%
```

Run 6: Report of PCC-Vivace — Data Link

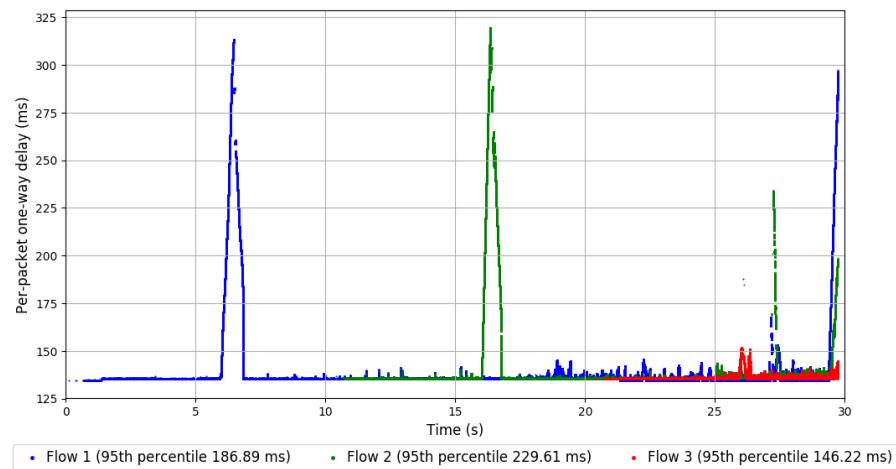
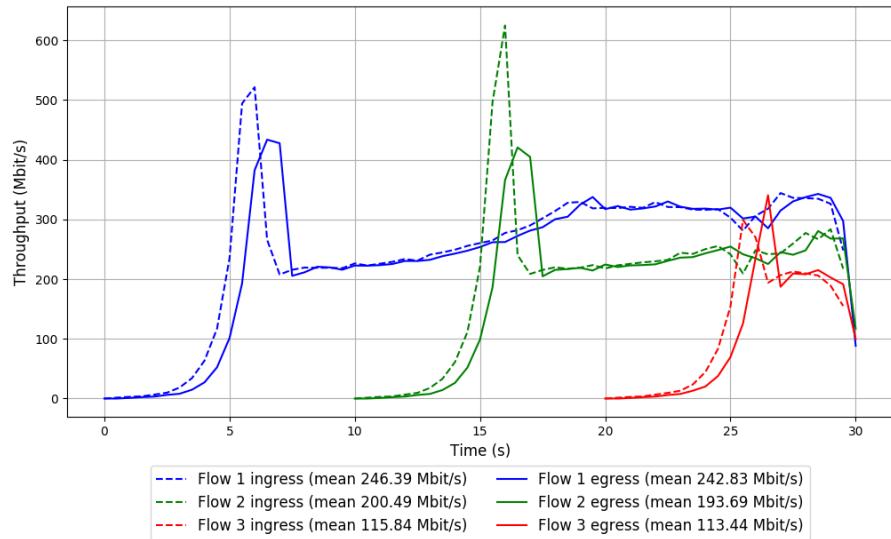


Run 7: Statistics of PCC-Vivace

```
Start at: 2018-07-01 06:53:28
End at: 2018-07-01 06:53:58
Local clock offset: 0.172 ms
Remote clock offset: 0.329 ms

# Below is generated by plot.py at 2018-07-01 10:25:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 407.75 Mbit/s
95th percentile per-packet one-way delay: 198.275 ms
Loss rate: 3.33%
-- Flow 1:
Average throughput: 242.83 Mbit/s
95th percentile per-packet one-way delay: 186.886 ms
Loss rate: 2.34%
-- Flow 2:
Average throughput: 193.69 Mbit/s
95th percentile per-packet one-way delay: 229.607 ms
Loss rate: 4.72%
-- Flow 3:
Average throughput: 113.44 Mbit/s
95th percentile per-packet one-way delay: 146.219 ms
Loss rate: 4.80%
```

Run 7: Report of PCC-Vivace — Data Link

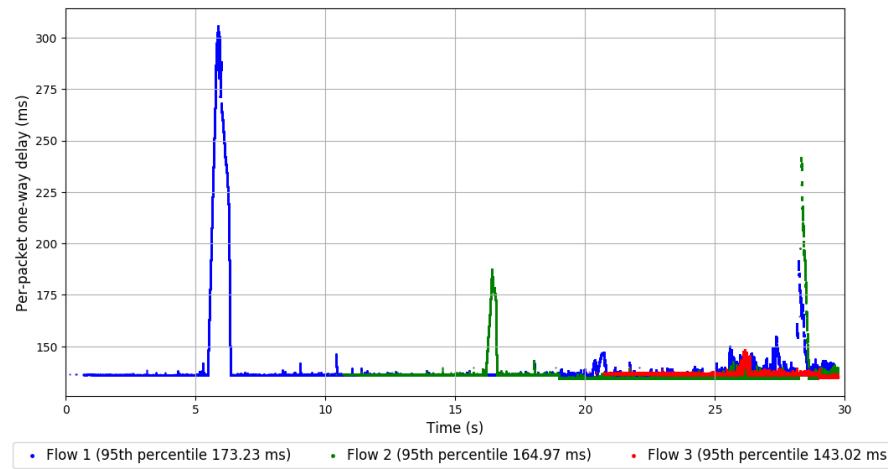
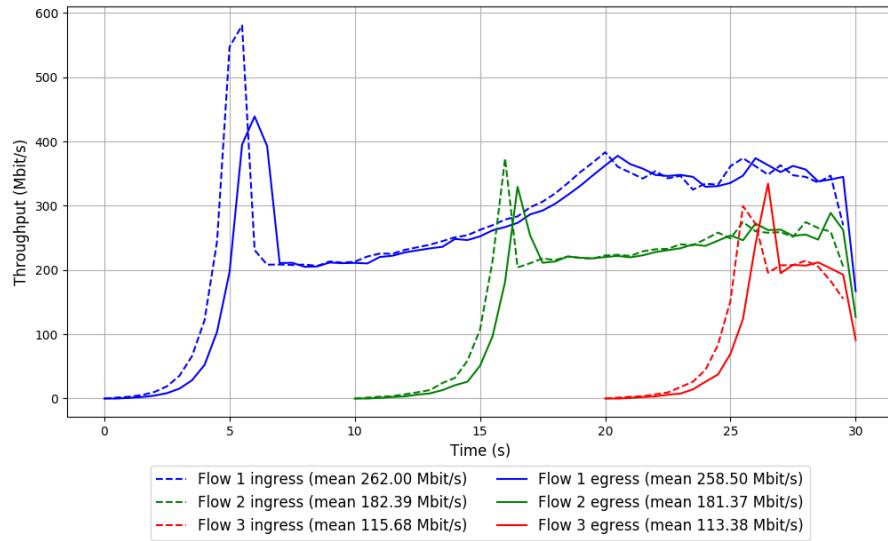


Run 8: Statistics of PCC-Vivace

```
Start at: 2018-07-01 07:19:01
End at: 2018-07-01 07:19:31
Local clock offset: 0.07 ms
Remote clock offset: -0.059 ms

# Below is generated by plot.py at 2018-07-01 10:25:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 415.27 Mbit/s
95th percentile per-packet one-way delay: 164.108 ms
Loss rate: 2.49%
-- Flow 1:
Average throughput: 258.50 Mbit/s
95th percentile per-packet one-way delay: 173.231 ms
Loss rate: 2.32%
-- Flow 2:
Average throughput: 181.37 Mbit/s
95th percentile per-packet one-way delay: 164.967 ms
Loss rate: 2.07%
-- Flow 3:
Average throughput: 113.38 Mbit/s
95th percentile per-packet one-way delay: 143.021 ms
Loss rate: 4.96%
```

Run 8: Report of PCC-Vivace — Data Link

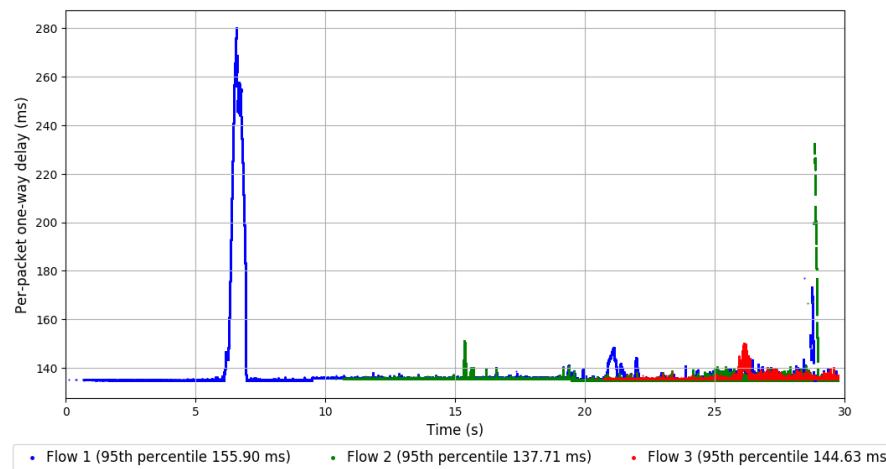
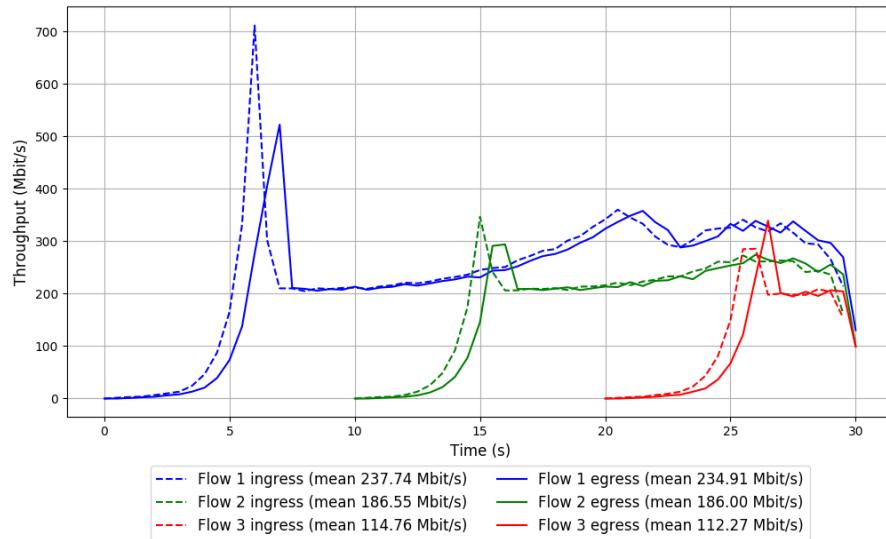


Run 9: Statistics of PCC-Vivace

```
Start at: 2018-07-01 07:45:00
End at: 2018-07-01 07:45:30
Local clock offset: 0.007 ms
Remote clock offset: 0.461 ms

# Below is generated by plot.py at 2018-07-01 10:26:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 394.39 Mbit/s
95th percentile per-packet one-way delay: 144.605 ms
Loss rate: 2.23%
-- Flow 1:
Average throughput: 234.91 Mbit/s
95th percentile per-packet one-way delay: 155.897 ms
Loss rate: 2.10%
-- Flow 2:
Average throughput: 186.00 Mbit/s
95th percentile per-packet one-way delay: 137.710 ms
Loss rate: 1.67%
-- Flow 3:
Average throughput: 112.27 Mbit/s
95th percentile per-packet one-way delay: 144.635 ms
Loss rate: 4.88%
```

Run 9: Report of PCC-Vivace — Data Link

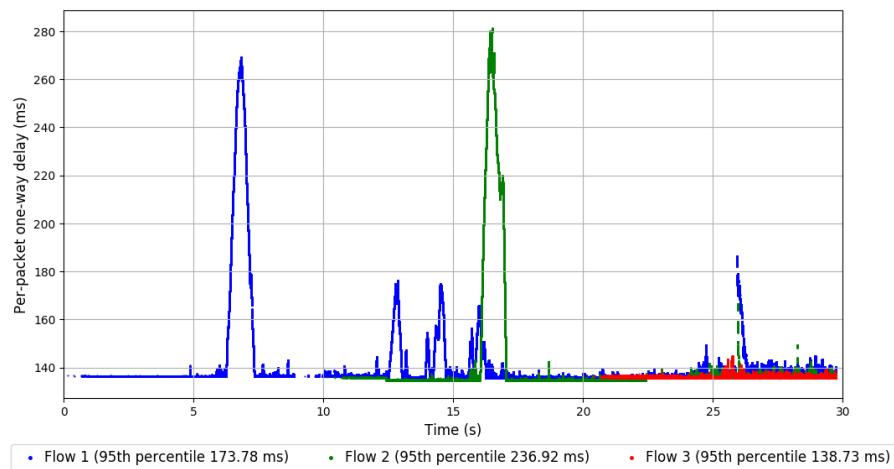
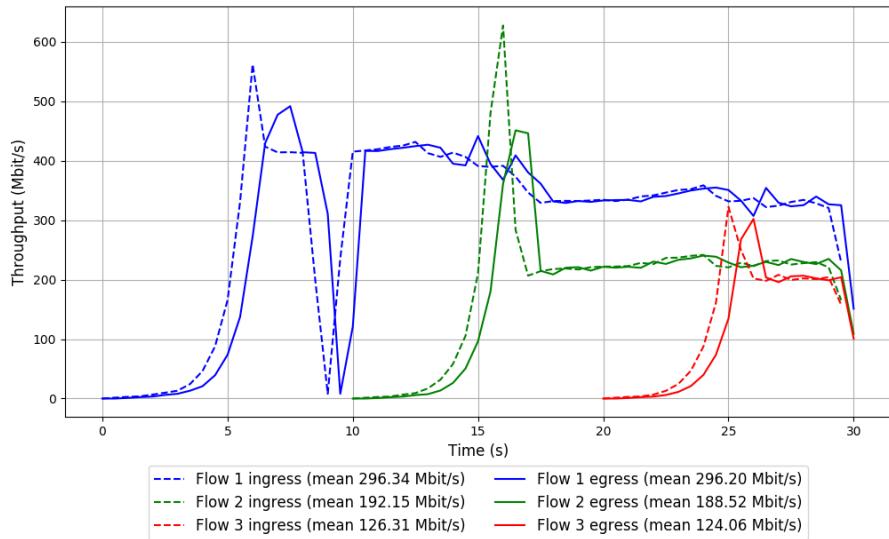


Run 10: Statistics of PCC-Vivace

```
Start at: 2018-07-01 08:10:47
End at: 2018-07-01 08:11:17
Local clock offset: 0.227 ms
Remote clock offset: 0.403 ms

# Below is generated by plot.py at 2018-07-01 10:26:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 461.18 Mbit/s
95th percentile per-packet one-way delay: 193.661 ms
Loss rate: 1.91%
-- Flow 1:
Average throughput: 296.20 Mbit/s
95th percentile per-packet one-way delay: 173.783 ms
Loss rate: 0.97%
-- Flow 2:
Average throughput: 188.52 Mbit/s
95th percentile per-packet one-way delay: 236.921 ms
Loss rate: 3.24%
-- Flow 3:
Average throughput: 124.06 Mbit/s
95th percentile per-packet one-way delay: 138.728 ms
Loss rate: 4.52%
```

Run 10: Report of PCC-Vivace — Data Link

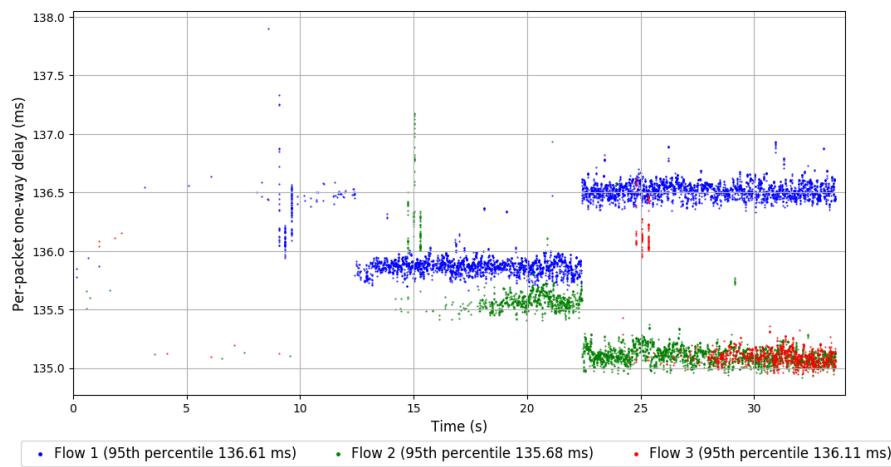
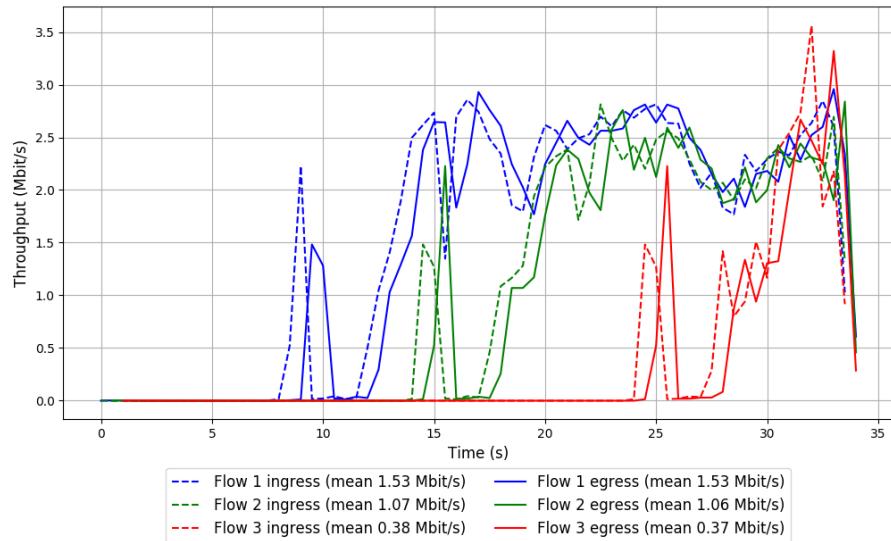


```
Run 1: Statistics of WebRTC media

Start at: 2018-07-01 04:16:21
End at: 2018-07-01 04:16:51
Local clock offset: 0.125 ms
Remote clock offset: 0.038 ms

# Below is generated by plot.py at 2018-07-01 10:26:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.93 Mbit/s
95th percentile per-packet one-way delay: 136.583 ms
Loss rate: 2.05%
-- Flow 1:
Average throughput: 1.53 Mbit/s
95th percentile per-packet one-way delay: 136.608 ms
Loss rate: 1.22%
-- Flow 2:
Average throughput: 1.06 Mbit/s
95th percentile per-packet one-way delay: 135.675 ms
Loss rate: 2.17%
-- Flow 3:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 136.110 ms
Loss rate: 5.14%
```

Run 1: Report of WebRTC media — Data Link

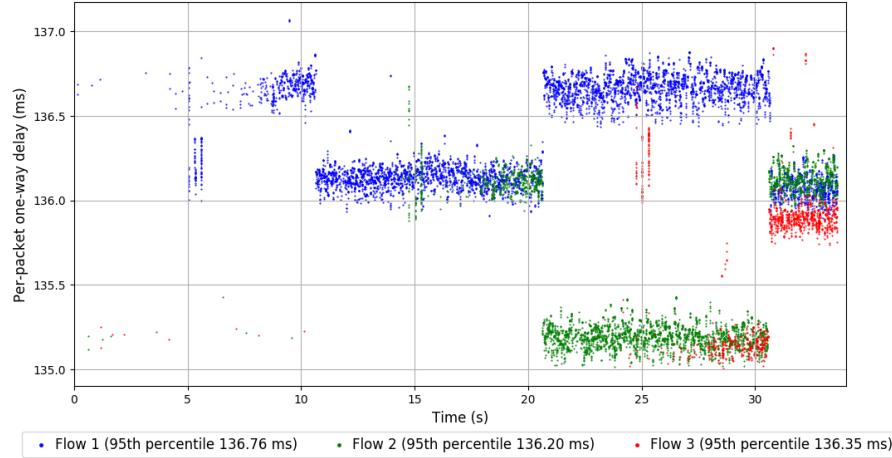
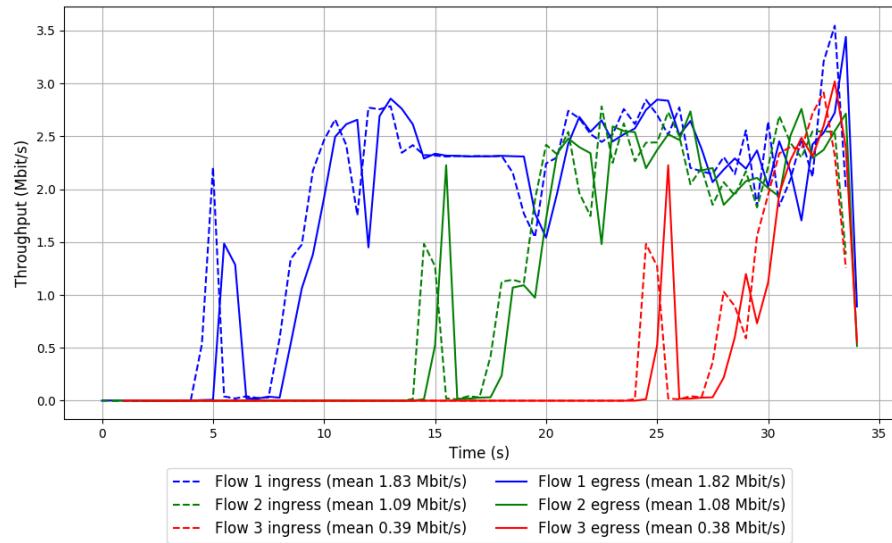


Run 2: Statistics of WebRTC media

```
Start at: 2018-07-01 04:42:03
End at: 2018-07-01 04:42:33
Local clock offset: -0.058 ms
Remote clock offset: 0.03 ms

# Below is generated by plot.py at 2018-07-01 10:26:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.24 Mbit/s
95th percentile per-packet one-way delay: 136.742 ms
Loss rate: 2.15%
-- Flow 1:
Average throughput: 1.82 Mbit/s
95th percentile per-packet one-way delay: 136.762 ms
Loss rate: 1.72%
-- Flow 2:
Average throughput: 1.08 Mbit/s
95th percentile per-packet one-way delay: 136.202 ms
Loss rate: 1.91%
-- Flow 3:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 136.348 ms
Loss rate: 4.90%
```

Run 2: Report of WebRTC media — Data Link

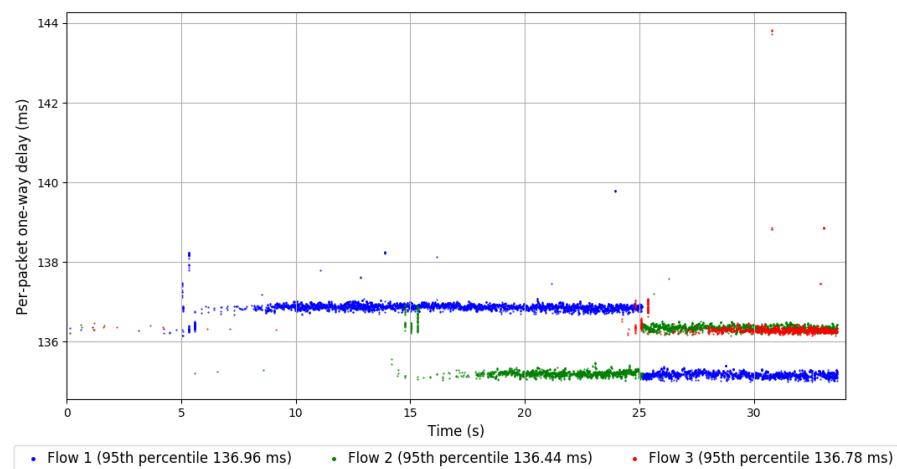
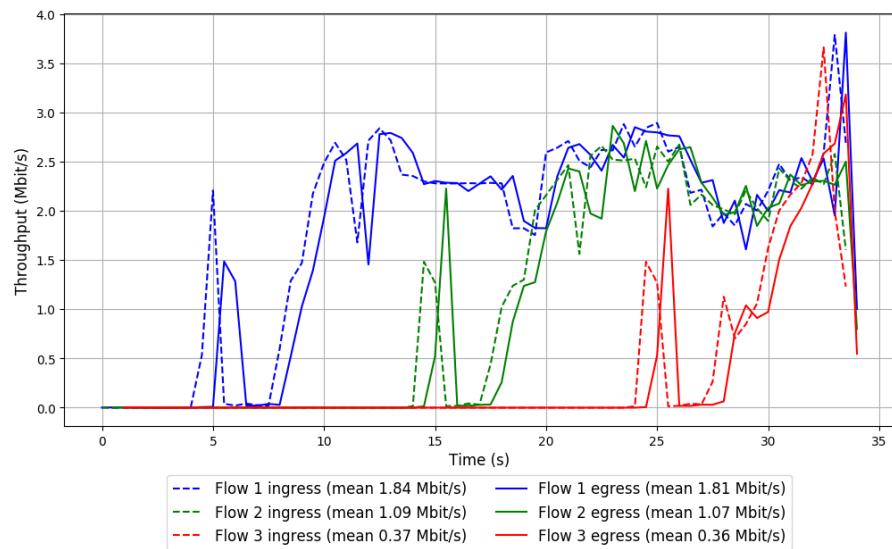


```
Run 3: Statistics of WebRTC media

Start at: 2018-07-01 05:07:49
End at: 2018-07-01 05:08:19
Local clock offset: -0.241 ms
Remote clock offset: -0.319 ms

# Below is generated by plot.py at 2018-07-01 10:26:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.22 Mbit/s
95th percentile per-packet one-way delay: 136.941 ms
Loss rate: 2.42%
-- Flow 1:
Average throughput: 1.81 Mbit/s
95th percentile per-packet one-way delay: 136.960 ms
Loss rate: 2.17%
-- Flow 2:
Average throughput: 1.07 Mbit/s
95th percentile per-packet one-way delay: 136.436 ms
Loss rate: 2.06%
-- Flow 3:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 136.775 ms
Loss rate: 4.73%
```

Run 3: Report of WebRTC media — Data Link

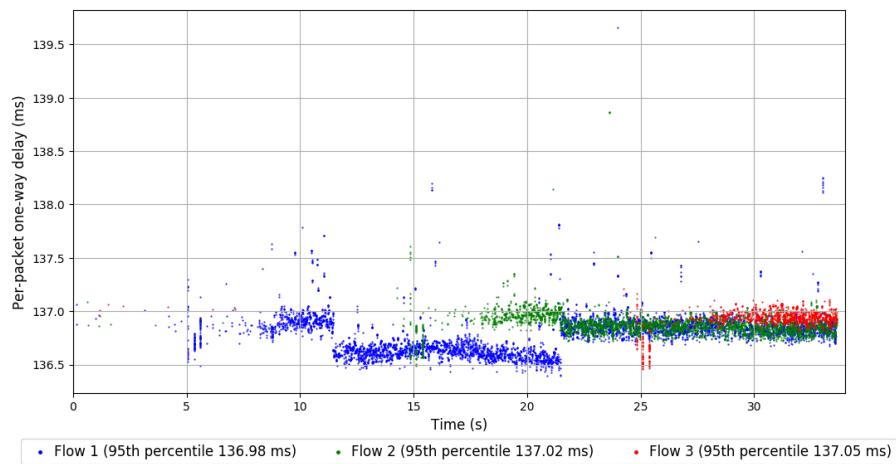
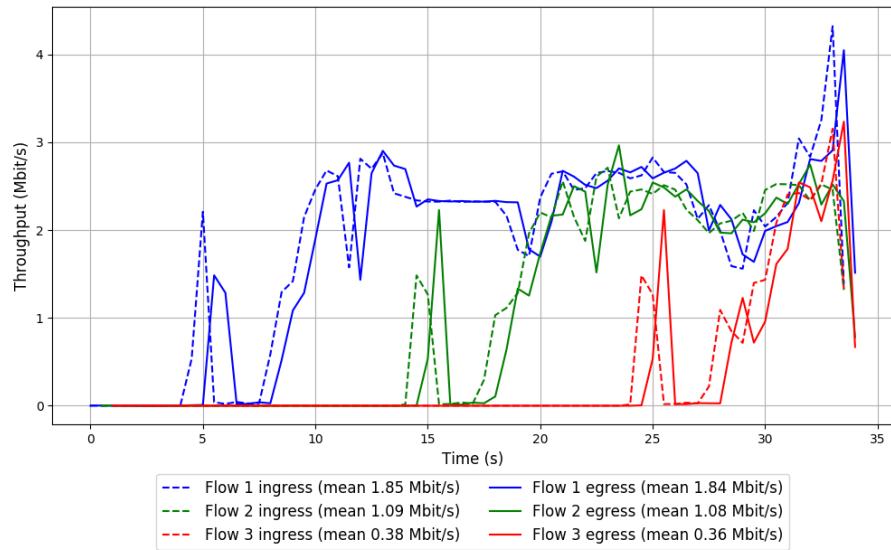


Run 4: Statistics of WebRTC media

```
Start at: 2018-07-01 05:33:32
End at: 2018-07-01 05:34:02
Local clock offset: 0.053 ms
Remote clock offset: -0.25 ms

# Below is generated by plot.py at 2018-07-01 10:26:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.25 Mbit/s
95th percentile per-packet one-way delay: 137.013 ms
Loss rate: 1.82%
-- Flow 1:
Average throughput: 1.84 Mbit/s
95th percentile per-packet one-way delay: 136.982 ms
Loss rate: 1.11%
-- Flow 2:
Average throughput: 1.08 Mbit/s
95th percentile per-packet one-way delay: 137.020 ms
Loss rate: 1.82%
-- Flow 3:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 137.046 ms
Loss rate: 5.36%
```

Run 4: Report of WebRTC media — Data Link

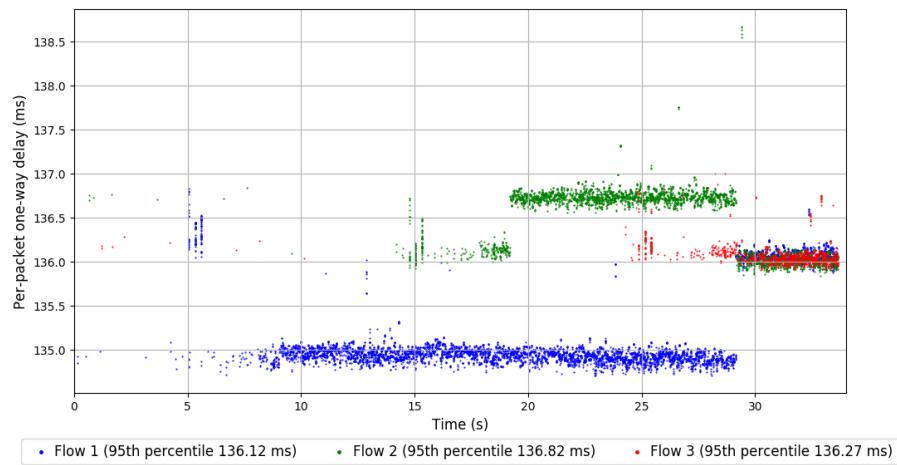
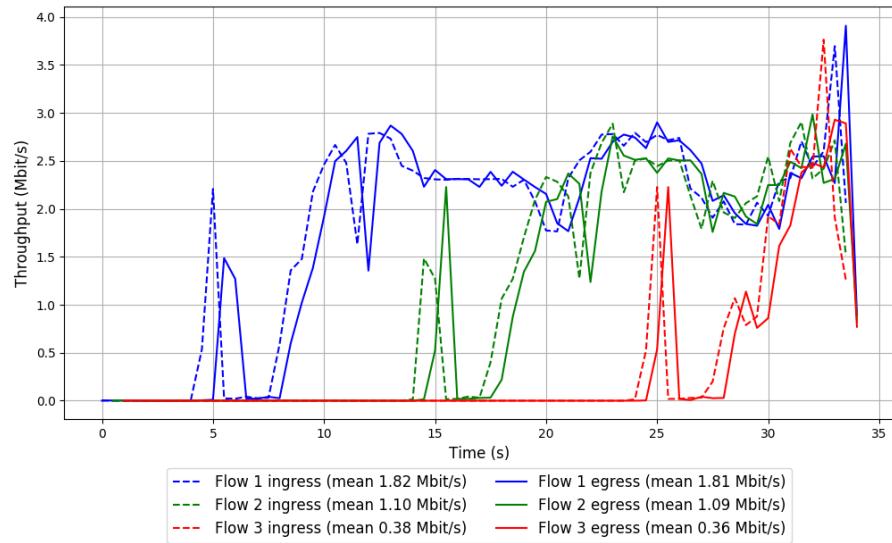


Run 5: Statistics of WebRTC media

```
Start at: 2018-07-01 05:59:05
End at: 2018-07-01 05:59:35
Local clock offset: -0.027 ms
Remote clock offset: -0.267 ms

# Below is generated by plot.py at 2018-07-01 10:26:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.23 Mbit/s
95th percentile per-packet one-way delay: 136.772 ms
Loss rate: 2.04%
-- Flow 1:
Average throughput: 1.81 Mbit/s
95th percentile per-packet one-way delay: 136.115 ms
Loss rate: 1.59%
-- Flow 2:
Average throughput: 1.09 Mbit/s
95th percentile per-packet one-way delay: 136.823 ms
Loss rate: 2.01%
-- Flow 3:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 136.268 ms
Loss rate: 4.36%
```

Run 5: Report of WebRTC media — Data Link

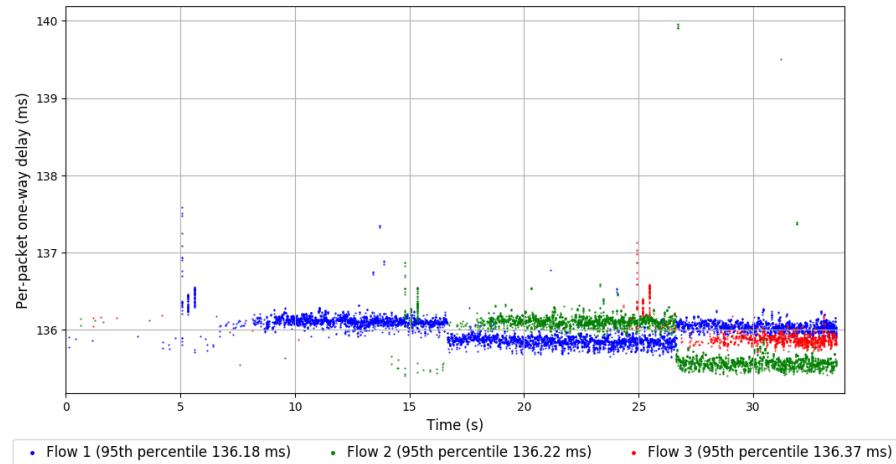
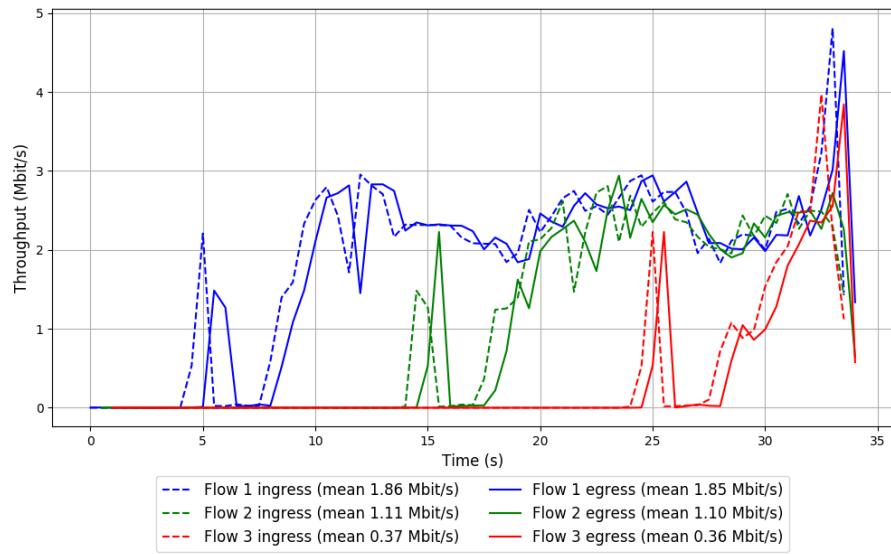


Run 6: Statistics of WebRTC media

```
Start at: 2018-07-01 06:24:57
End at: 2018-07-01 06:25:27
Local clock offset: 0.253 ms
Remote clock offset: -0.006 ms

# Below is generated by plot.py at 2018-07-01 10:26:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.28 Mbit/s
95th percentile per-packet one-way delay: 136.200 ms
Loss rate: 1.81%
-- Flow 1:
Average throughput: 1.85 Mbit/s
95th percentile per-packet one-way delay: 136.181 ms
Loss rate: 1.19%
-- Flow 2:
Average throughput: 1.10 Mbit/s
95th percentile per-packet one-way delay: 136.216 ms
Loss rate: 1.93%
-- Flow 3:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 136.367 ms
Loss rate: 4.60%
```

Run 6: Report of WebRTC media — Data Link

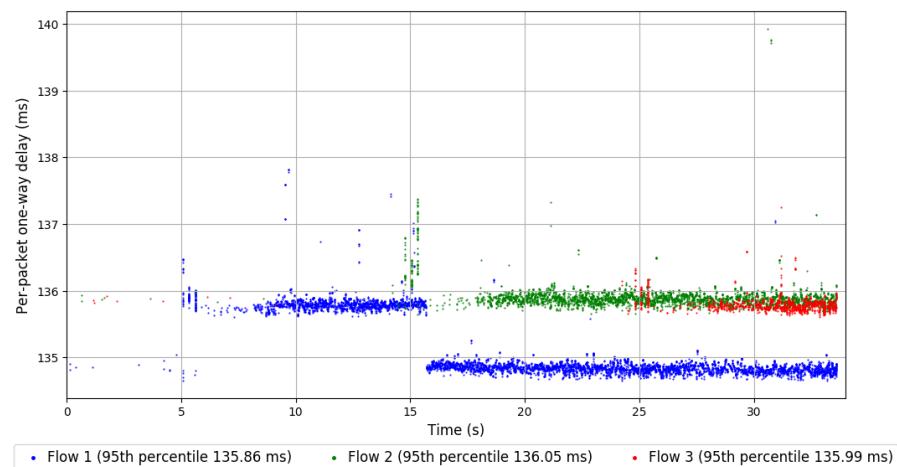
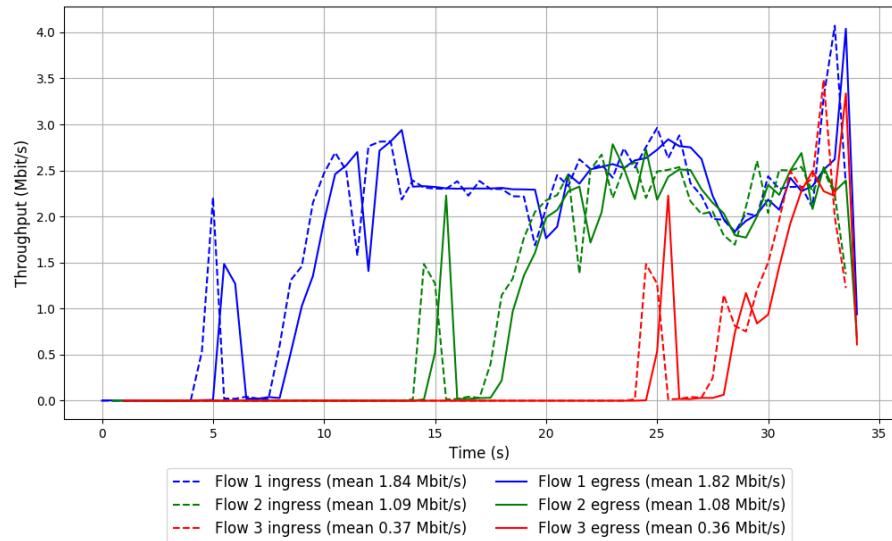


```
Run 7: Statistics of WebRTC media

Start at: 2018-07-01 06:50:58
End at: 2018-07-01 06:51:28
Local clock offset: 0.023 ms
Remote clock offset: -0.028 ms

# Below is generated by plot.py at 2018-07-01 10:26:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.23 Mbit/s
95th percentile per-packet one-way delay: 135.980 ms
Loss rate: 2.24%
-- Flow 1:
Average throughput: 1.82 Mbit/s
95th percentile per-packet one-way delay: 135.858 ms
Loss rate: 1.89%
-- Flow 2:
Average throughput: 1.08 Mbit/s
95th percentile per-packet one-way delay: 136.047 ms
Loss rate: 1.89%
-- Flow 3:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 135.987 ms
Loss rate: 5.01%
```

Run 7: Report of WebRTC media — Data Link

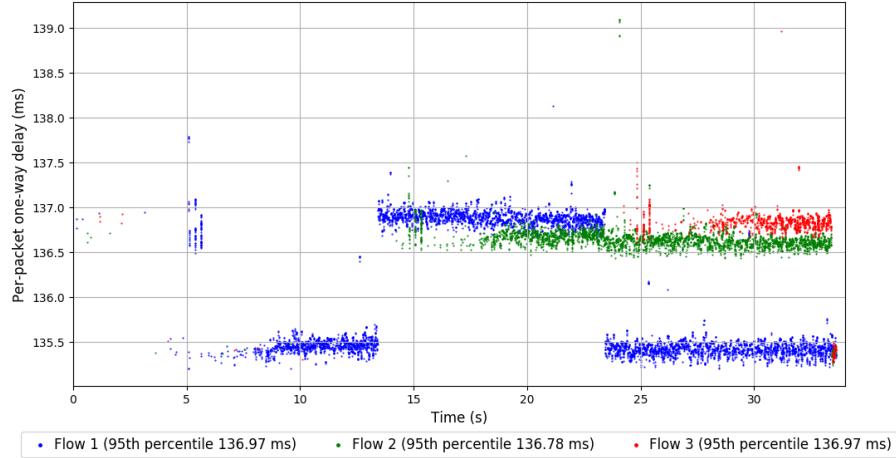
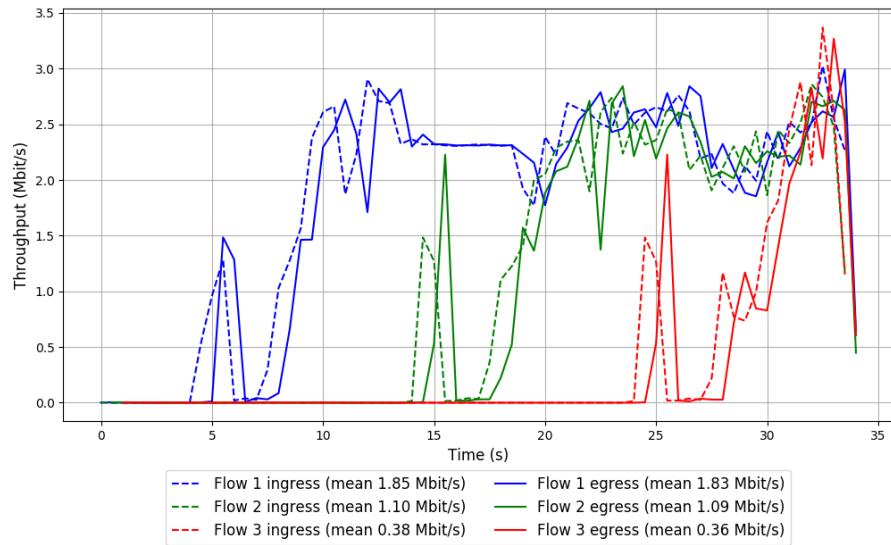


```
Run 8: Statistics of WebRTC media

Start at: 2018-07-01 07:16:30
End at: 2018-07-01 07:17:00
Local clock offset: 0.04 ms
Remote clock offset: -0.452 ms

# Below is generated by plot.py at 2018-07-01 10:26:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.26 Mbit/s
95th percentile per-packet one-way delay: 136.947 ms
Loss rate: 2.24%
-- Flow 1:
Average throughput: 1.83 Mbit/s
95th percentile per-packet one-way delay: 136.967 ms
Loss rate: 1.83%
-- Flow 2:
Average throughput: 1.09 Mbit/s
95th percentile per-packet one-way delay: 136.778 ms
Loss rate: 1.92%
-- Flow 3:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 136.970 ms
Loss rate: 5.27%
```

Run 8: Report of WebRTC media — Data Link

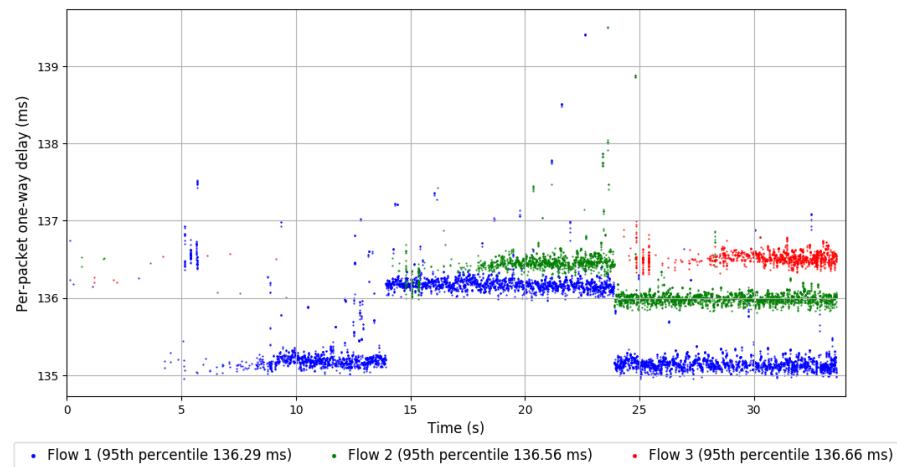
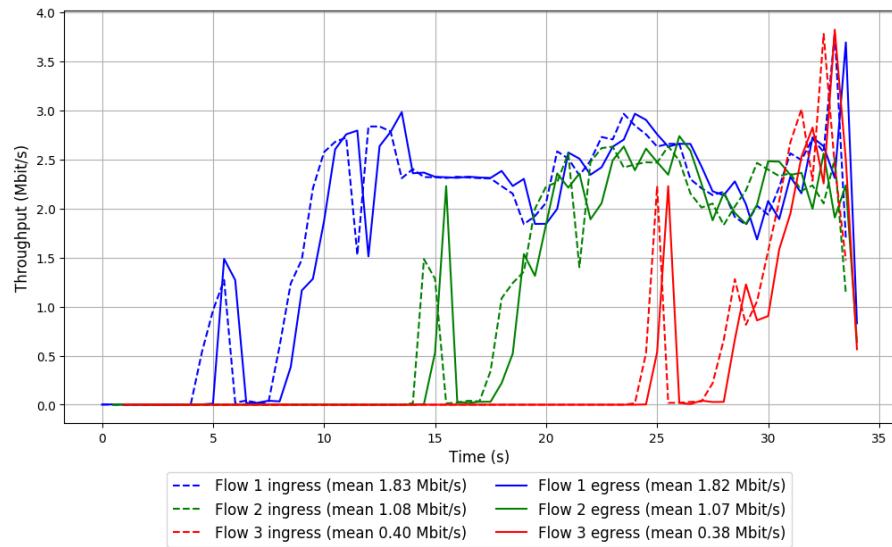


```
Run 9: Statistics of WebRTC media

Start at: 2018-07-01 07:42:30
End at: 2018-07-01 07:43:00
Local clock offset: 0.107 ms
Remote clock offset: 0.066 ms

# Below is generated by plot.py at 2018-07-01 10:26:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.24 Mbit/s
95th percentile per-packet one-way delay: 136.578 ms
Loss rate: 2.20%
-- Flow 1:
Average throughput: 1.82 Mbit/s
95th percentile per-packet one-way delay: 136.290 ms
Loss rate: 1.53%
-- Flow 2:
Average throughput: 1.07 Mbit/s
95th percentile per-packet one-way delay: 136.563 ms
Loss rate: 1.89%
-- Flow 3:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 136.663 ms
Loss rate: 6.23%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media
```

```
Start at: 2018-07-01 08:08:17
End at: 2018-07-01 08:08:47
Local clock offset: 0.141 ms
Remote clock offset: 0.064 ms

# Below is generated by plot.py at 2018-07-01 10:26:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.26 Mbit/s
95th percentile per-packet one-way delay: 136.010 ms
Loss rate: 2.33%
-- Flow 1:
Average throughput: 1.82 Mbit/s
95th percentile per-packet one-way delay: 136.017 ms
Loss rate: 2.00%
-- Flow 2:
Average throughput: 1.10 Mbit/s
95th percentile per-packet one-way delay: 135.283 ms
Loss rate: 1.89%
-- Flow 3:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 136.093 ms
Loss rate: 5.23%
```

Run 10: Report of WebRTC media — Data Link

