

Pantheon Report

Generated at 2019-10-03 17:17:41 (UTC).
Data path: GCE London on `ens4` (*remote*) → GCE Sydney on `ens4` (*local*).
Repeated the test of 24 congestion control schemes 5 times.
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.

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

System info:

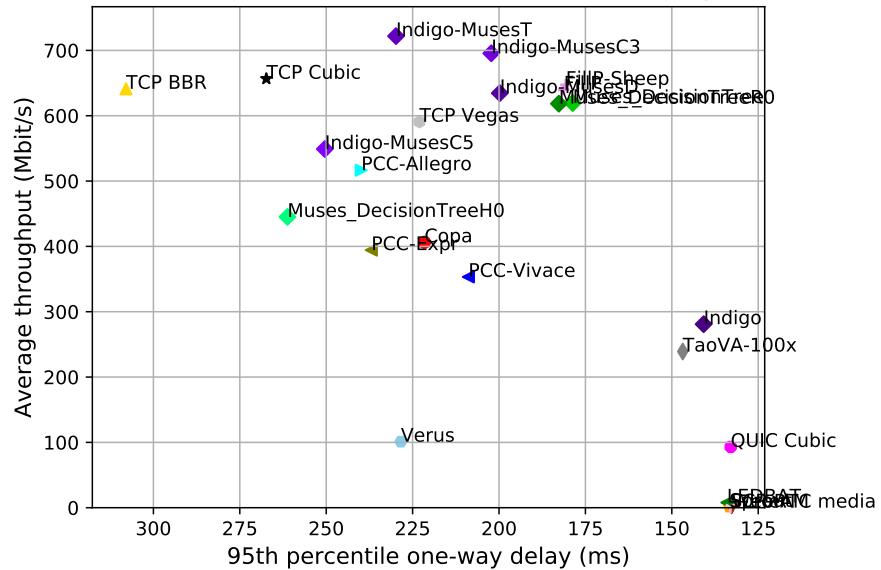
```
Linux 4.15.0-1044-gcp
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

Git summary:

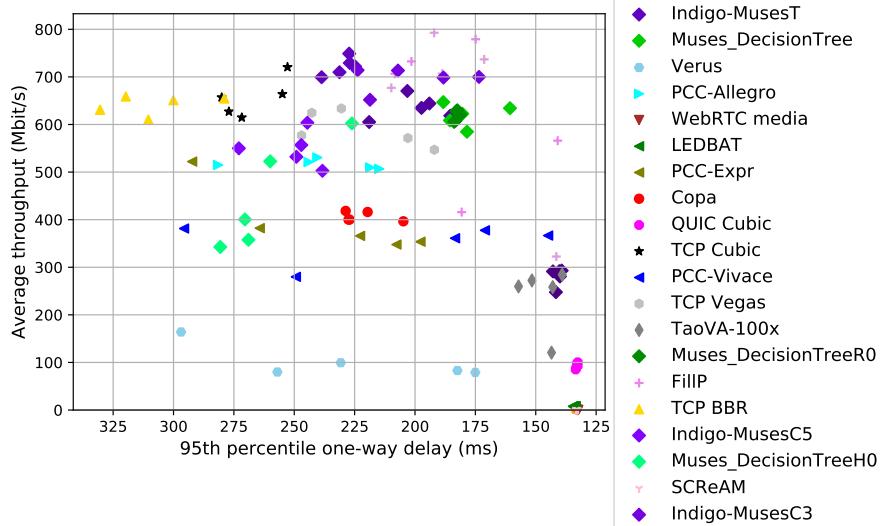
```
branch: muses @ de42328552b3776a75a932a94dfaf722537b0ec
third_party/fillp @ d6da1459332fce6963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/muses @ 5ce721187ad823da20955337730c746486ca4966
third_party/muses_dtree @ 387225f7b5f61ddbe92d708a8869ffbb84eb3200
third_party/pantheon-tunnel @ f866d3f58d27af942717625ee3a354cc2e802bd
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
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
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, 5 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, 5 runs of 30s each per scheme
 3 flows with 10s interval between flows



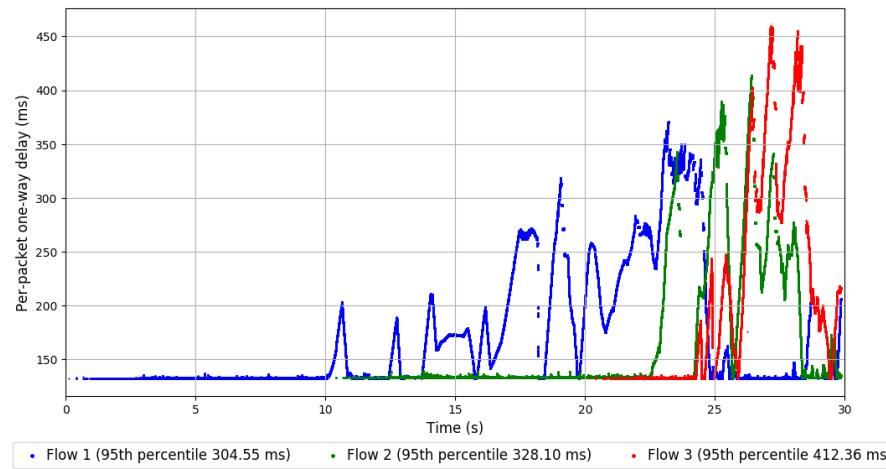
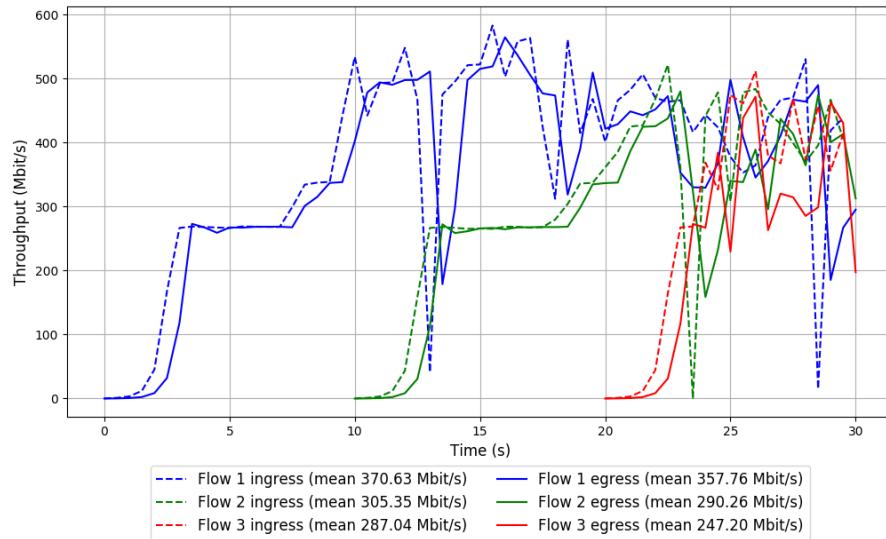
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	5	352.54	312.66	248.92	298.38	312.46	237.54	4.40	5.92	7.87
Copa		215.50	207.63	162.60	214.88	220.86	222.61	0.81	1.31	3.77
TCP Cubic		375.41	308.43	234.70	266.31	255.06	267.87	1.20	2.25	5.67
FillP		339.04	341.37	230.62	186.23	161.67	141.51	2.42	1.41	3.27
FillP-Sheep		358.73	321.13	233.12	203.04	153.60	154.25	1.89	1.28	3.28
Indigo		154.30	134.08	114.46	140.98	140.15	142.25	0.89	1.49	3.48
Indigo-MusesC3		404.47	356.45	255.58	206.71	196.42	160.51	0.99	1.40	4.73
Indigo-MusesC5		325.00	314.94	98.29	244.87	238.75	134.32	1.65	2.67	6.31
Indigo-MusesD		394.16	324.02	140.30	202.06	192.78	158.94	0.95	1.51	5.63
Indigo-MusesT		442.99	382.50	147.42	236.29	197.36	149.57	1.47	1.44	5.25
LEDBAT		5.08	3.44	1.64	134.24	133.79	133.92	1.83	2.68	5.44
Muses_DecisionTree		362.14	315.08	159.90	183.38	167.25	146.03	1.10	1.43	5.14
Muses_DecisionTreeH0		239.47	215.01	206.27	265.58	253.98	207.14	6.84	7.79	6.58
Muses_DecisionTreeR0		354.64	315.66	180.24	171.43	206.96	148.12	1.04	1.65	4.66
PCC-Allegro		268.93	267.06	219.41	219.69	230.03	283.23	3.38	3.07	7.75
PCC-Expr		222.39	189.94	142.61	244.80	220.26	240.58	4.40	5.10	6.01
QUIC Cubic		48.69	47.93	37.40	132.69	132.85	132.68	1.34	1.70	0.76
SCReAM		0.15	0.16	0.16	133.02	132.92	132.86	0.88	1.40	2.45
Sprout		0.62	0.61	0.61	133.18	132.98	133.07	1.09	1.56	3.04
TaoVA-100x		133.52	145.08	29.02	143.37	149.38	136.20	0.80	1.54	3.16
TCP Vegas		321.39	292.81	229.81	202.44	218.43	219.21	1.36	1.91	4.60
Verus		54.38	53.05	38.50	218.73	218.35	176.12	3.04	3.66	3.01
PCC-Vivace		194.13	180.53	122.46	206.79	186.08	207.48	1.24	1.89	4.72
WebRTC media		0.06	0.07	0.06	132.46	132.58	132.32	0.00	0.01	0.00

Run 1: Statistics of TCP BBR

```
Start at: 2019-10-03 10:50:19
End at: 2019-10-03 10:50:49
Local clock offset: 0.071 ms
Remote clock offset: -0.055 ms

# Below is generated by plot.py at 2019-10-03 14:46:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 630.93 Mbit/s
95th percentile per-packet one-way delay: 330.397 ms
Loss rate: 6.59%
-- Flow 1:
Average throughput: 357.76 Mbit/s
95th percentile per-packet one-way delay: 304.552 ms
Loss rate: 4.33%
-- Flow 2:
Average throughput: 290.26 Mbit/s
95th percentile per-packet one-way delay: 328.095 ms
Loss rate: 6.21%
-- Flow 3:
Average throughput: 247.20 Mbit/s
95th percentile per-packet one-way delay: 412.363 ms
Loss rate: 16.18%
```

Run 1: Report of TCP BBR — Data Link

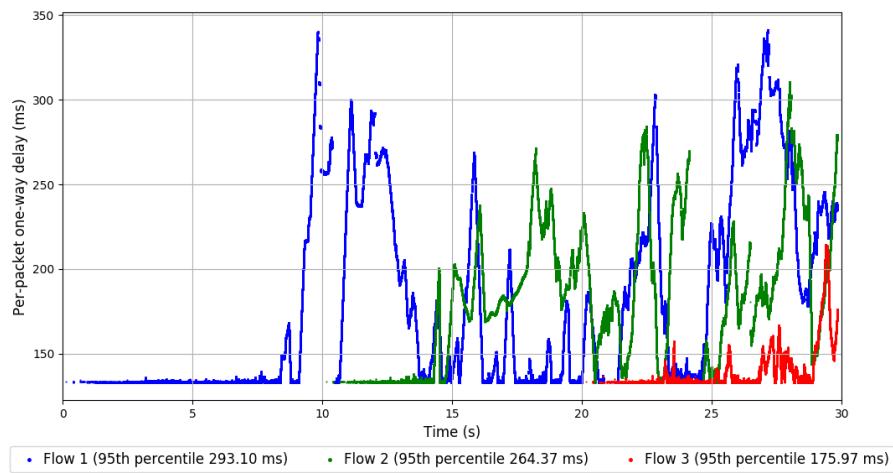
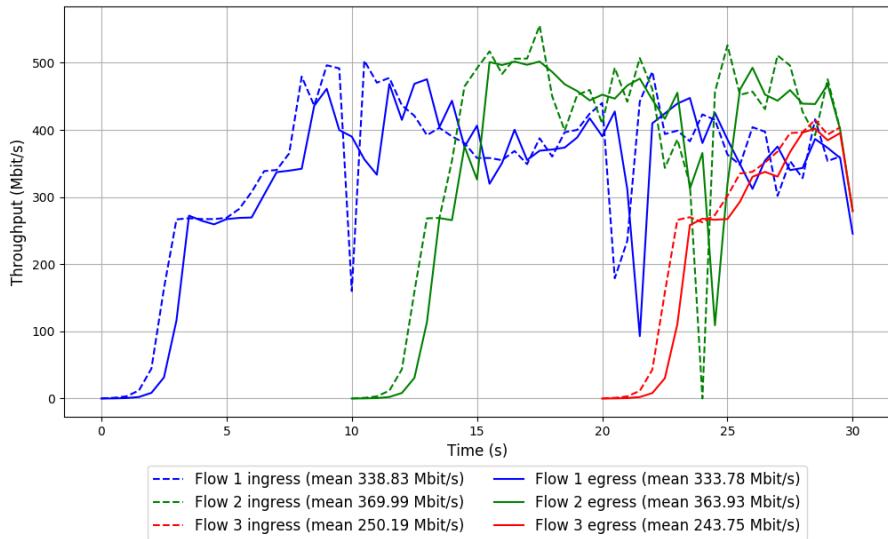


Run 2: Statistics of TCP BBR

```
Start at: 2019-10-03 11:33:45
End at: 2019-10-03 11:34:15
Local clock offset: 0.192 ms
Remote clock offset: -0.086 ms

# Below is generated by plot.py at 2019-10-03 14:46:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 654.70 Mbit/s
95th percentile per-packet one-way delay: 278.972 ms
Loss rate: 2.93%
-- Flow 1:
Average throughput: 333.78 Mbit/s
95th percentile per-packet one-way delay: 293.100 ms
Loss rate: 2.37%
-- Flow 2:
Average throughput: 363.93 Mbit/s
95th percentile per-packet one-way delay: 264.367 ms
Loss rate: 2.95%
-- Flow 3:
Average throughput: 243.75 Mbit/s
95th percentile per-packet one-way delay: 175.969 ms
Loss rate: 5.18%
```

Run 2: Report of TCP BBR — Data Link

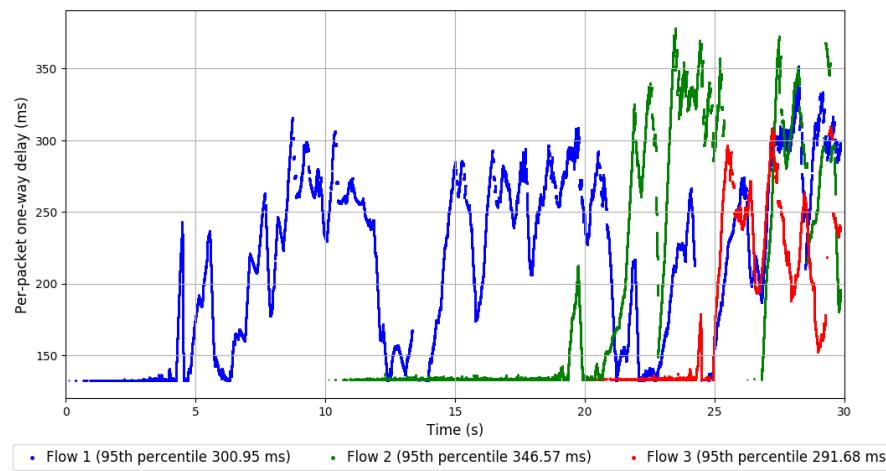
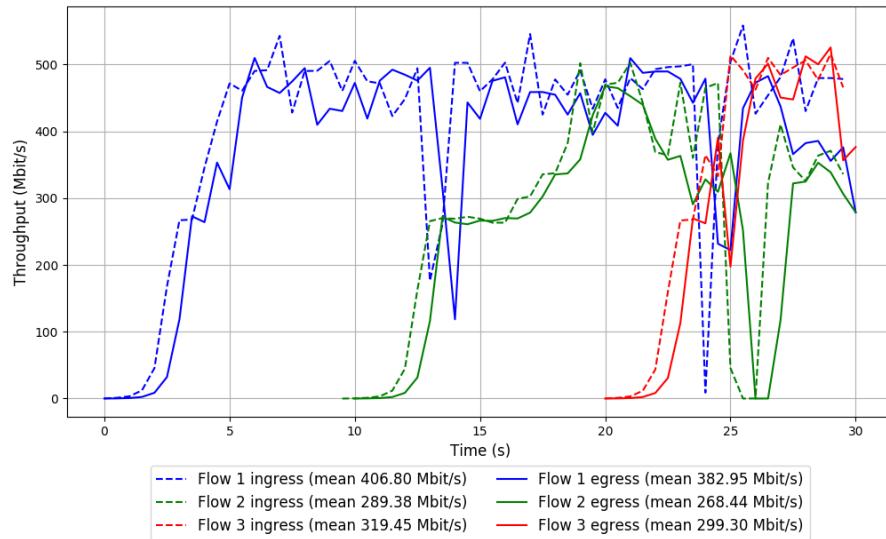


Run 3: Statistics of TCP BBR

```
Start at: 2019-10-03 12:16:42
End at: 2019-10-03 12:17:12
Local clock offset: 0.023 ms
Remote clock offset: -0.025 ms

# Below is generated by plot.py at 2019-10-03 14:47:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 658.84 Mbit/s
95th percentile per-packet one-way delay: 319.763 ms
Loss rate: 7.50%
-- Flow 1:
Average throughput: 382.95 Mbit/s
95th percentile per-packet one-way delay: 300.955 ms
Loss rate: 6.70%
-- Flow 2:
Average throughput: 268.44 Mbit/s
95th percentile per-packet one-way delay: 346.569 ms
Loss rate: 8.48%
-- Flow 3:
Average throughput: 299.30 Mbit/s
95th percentile per-packet one-way delay: 291.683 ms
Loss rate: 8.82%
```

Run 3: Report of TCP BBR — Data Link

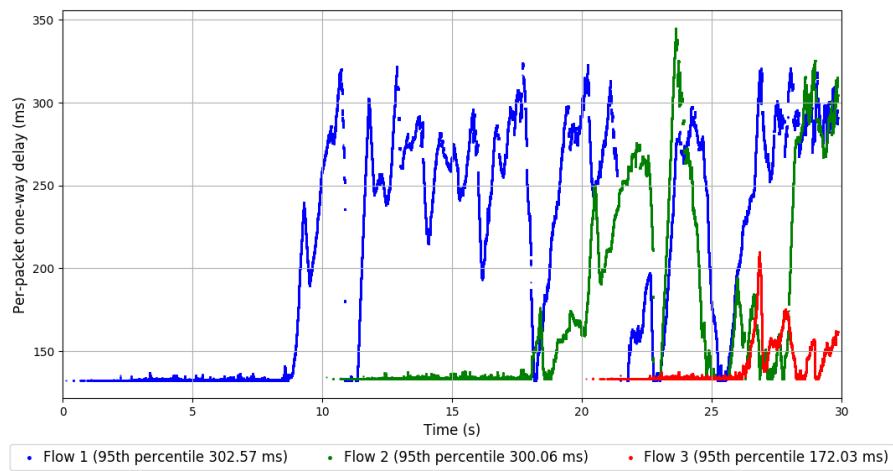
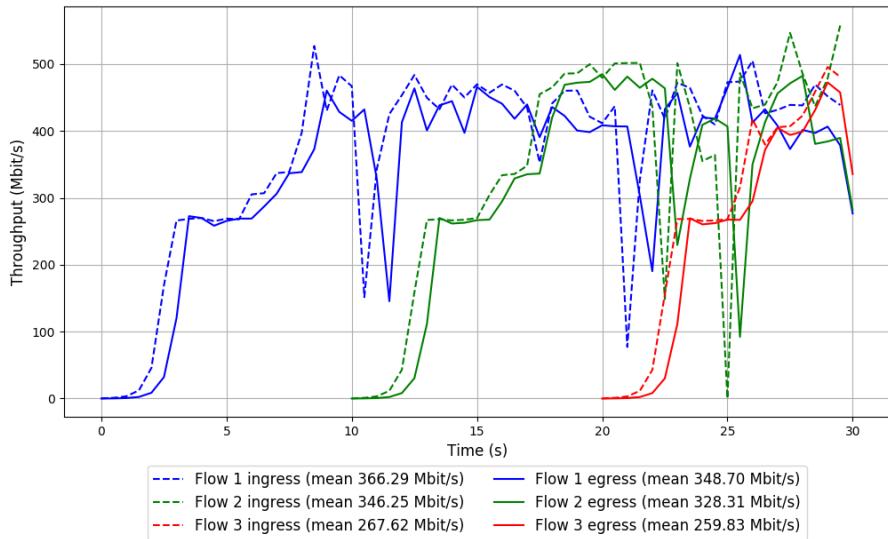


Run 4: Statistics of TCP BBR

```
Start at: 2019-10-03 12:59:43
End at: 2019-10-03 13:00:13
Local clock offset: 0.319 ms
Remote clock offset: -0.013 ms

# Below is generated by plot.py at 2019-10-03 14:47:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 651.23 Mbit/s
95th percentile per-packet one-way delay: 300.055 ms
Loss rate: 5.90%
-- Flow 1:
Average throughput: 348.70 Mbit/s
95th percentile per-packet one-way delay: 302.574 ms
Loss rate: 5.65%
-- Flow 2:
Average throughput: 328.31 Mbit/s
95th percentile per-packet one-way delay: 300.064 ms
Loss rate: 6.45%
-- Flow 3:
Average throughput: 259.83 Mbit/s
95th percentile per-packet one-way delay: 172.030 ms
Loss rate: 5.51%
```

Run 4: Report of TCP BBR — Data Link

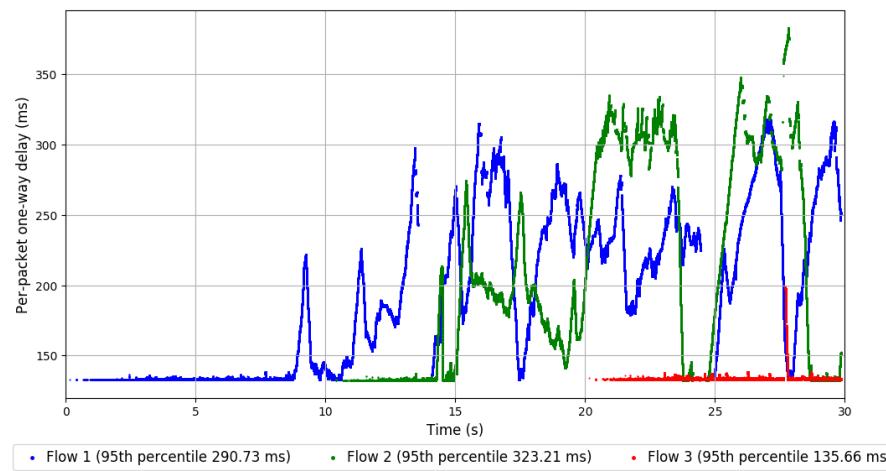
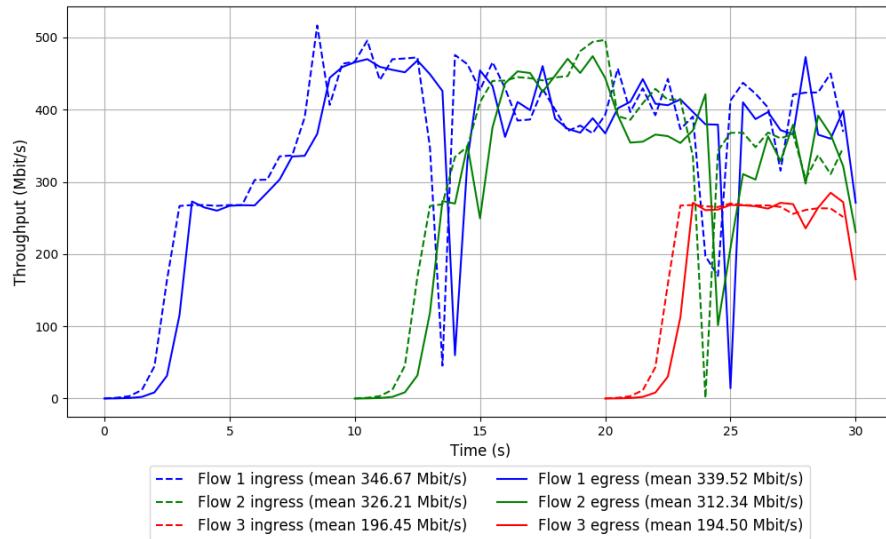


Run 5: Statistics of TCP BBR

```
Start at: 2019-10-03 13:42:26
End at: 2019-10-03 13:42:56
Local clock offset: 0.069 ms
Remote clock offset: -0.07 ms

# Below is generated by plot.py at 2019-10-03 14:47:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 610.17 Mbit/s
95th percentile per-packet one-way delay: 310.423 ms
Loss rate: 3.90%
-- Flow 1:
Average throughput: 339.52 Mbit/s
95th percentile per-packet one-way delay: 290.728 ms
Loss rate: 2.93%
-- Flow 2:
Average throughput: 312.34 Mbit/s
95th percentile per-packet one-way delay: 323.212 ms
Loss rate: 5.52%
-- Flow 3:
Average throughput: 194.50 Mbit/s
95th percentile per-packet one-way delay: 135.659 ms
Loss rate: 3.64%
```

Run 5: Report of TCP BBR — Data Link

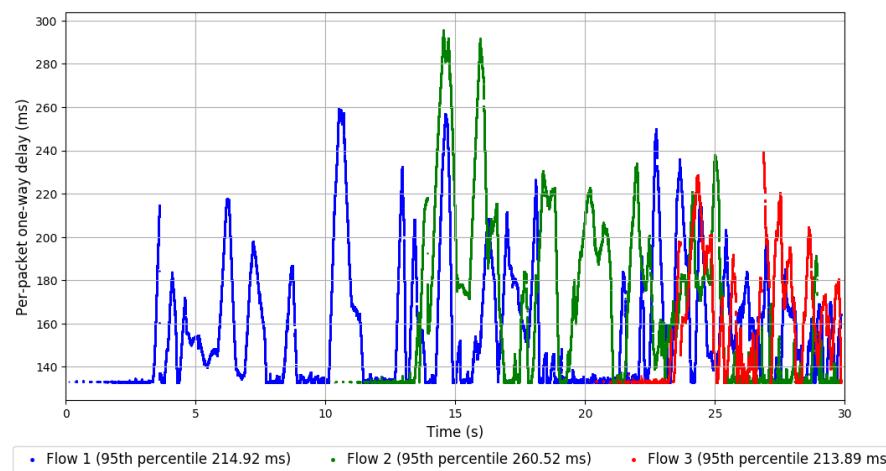
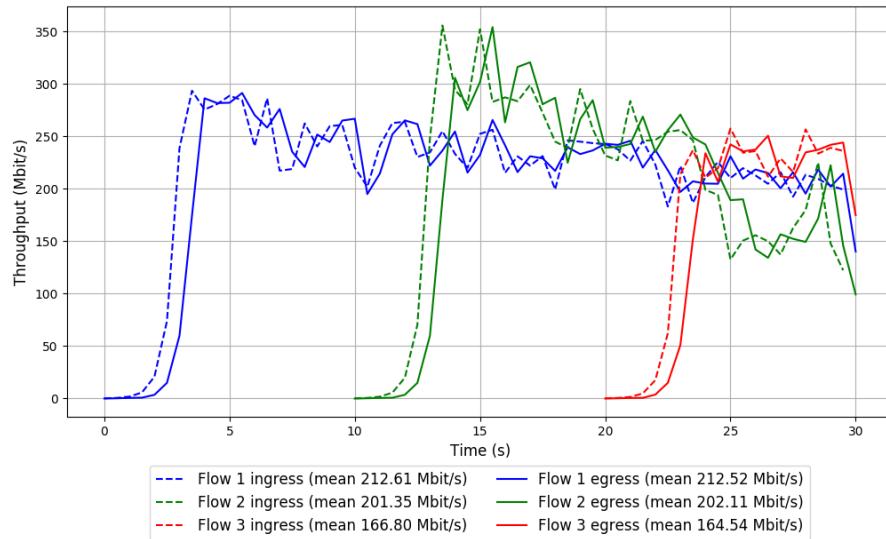


Run 1: Statistics of Copa

```
Start at: 2019-10-03 11:12:24
End at: 2019-10-03 11:12:54
Local clock offset: -0.032 ms
Remote clock offset: -0.104 ms

# Below is generated by plot.py at 2019-10-03 14:48:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 400.16 Mbit/s
95th percentile per-packet one-way delay: 227.130 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 212.52 Mbit/s
95th percentile per-packet one-way delay: 214.921 ms
Loss rate: 0.93%
-- Flow 2:
Average throughput: 202.11 Mbit/s
95th percentile per-packet one-way delay: 260.522 ms
Loss rate: 0.96%
-- Flow 3:
Average throughput: 164.54 Mbit/s
95th percentile per-packet one-way delay: 213.891 ms
Loss rate: 4.01%
```

Run 1: Report of Copa — Data Link

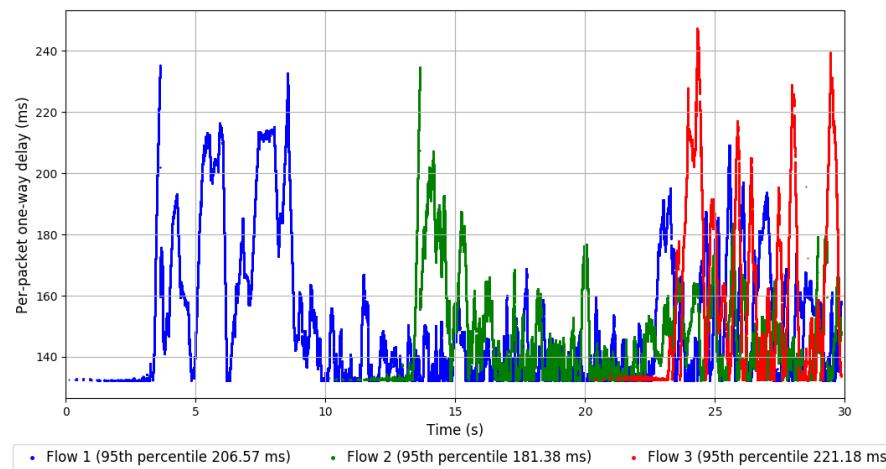
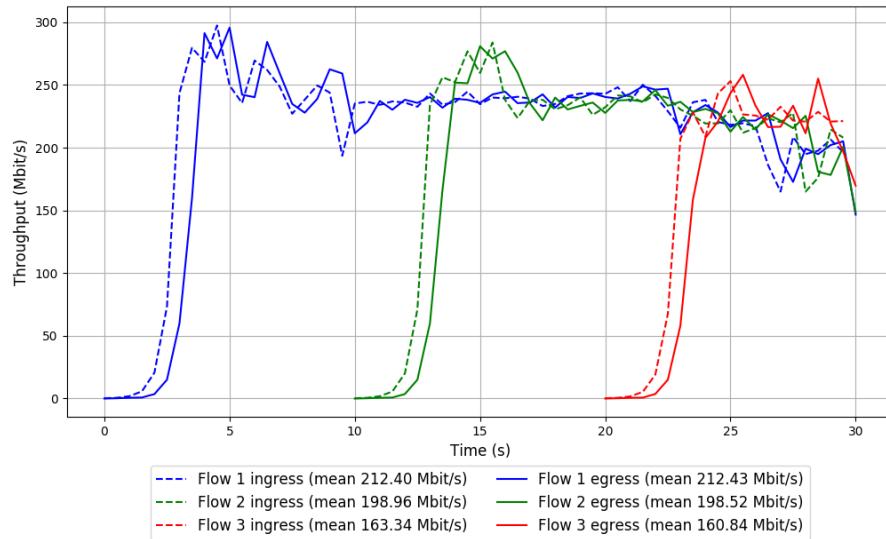


Run 2: Statistics of Copa

```
Start at: 2019-10-03 11:55:34
End at: 2019-10-03 11:56:04
Local clock offset: -0.475 ms
Remote clock offset: -0.058 ms

# Below is generated by plot.py at 2019-10-03 14:48:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 396.59 Mbit/s
95th percentile per-packet one-way delay: 204.819 ms
Loss rate: 1.55%
-- Flow 1:
Average throughput: 212.43 Mbit/s
95th percentile per-packet one-way delay: 206.571 ms
Loss rate: 0.88%
-- Flow 2:
Average throughput: 198.52 Mbit/s
95th percentile per-packet one-way delay: 181.381 ms
Loss rate: 1.55%
-- Flow 3:
Average throughput: 160.84 Mbit/s
95th percentile per-packet one-way delay: 221.176 ms
Loss rate: 4.15%
```

Run 2: Report of Copa — Data Link

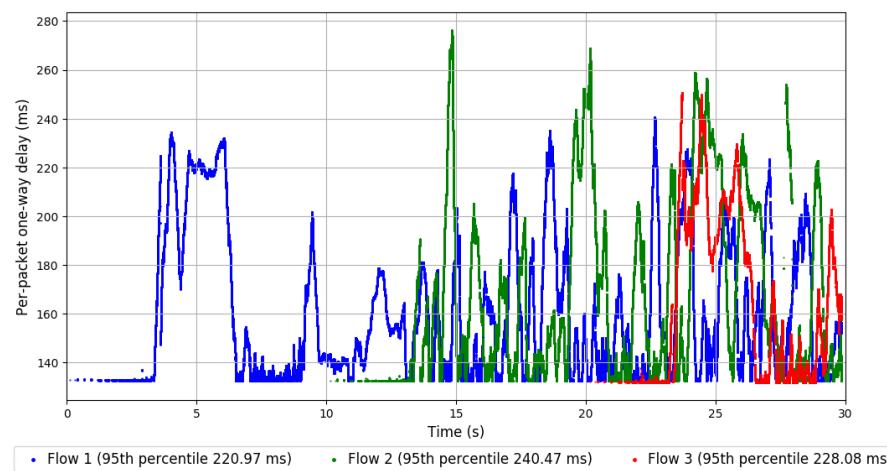
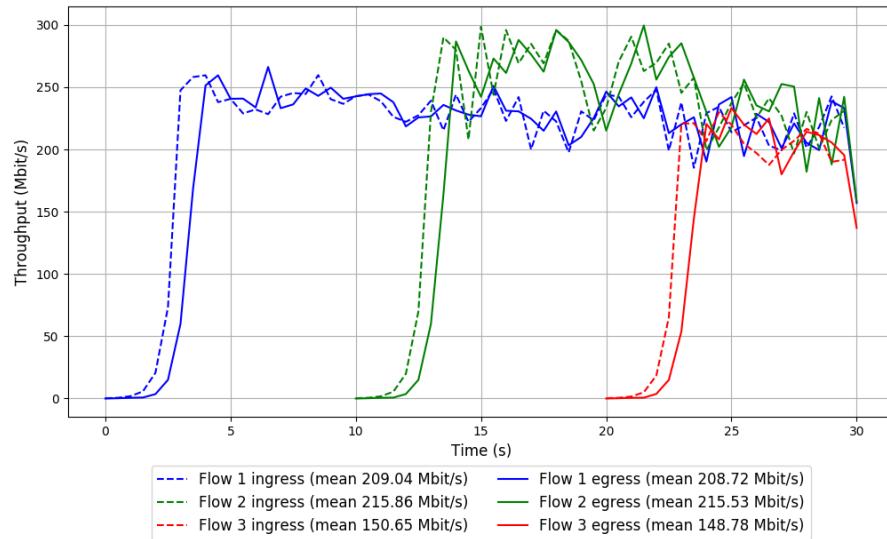


Run 3: Statistics of Copa

```
Start at: 2019-10-03 12:38:53
End at: 2019-10-03 12:39:23
Local clock offset: -0.371 ms
Remote clock offset: 0.019 ms

# Below is generated by plot.py at 2019-10-03 14:48:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 400.10 Mbit/s
95th percentile per-packet one-way delay: 227.542 ms
Loss rate: 1.55%
-- Flow 1:
Average throughput: 208.72 Mbit/s
95th percentile per-packet one-way delay: 220.971 ms
Loss rate: 1.04%
-- Flow 2:
Average throughput: 215.53 Mbit/s
95th percentile per-packet one-way delay: 240.469 ms
Loss rate: 1.48%
-- Flow 3:
Average throughput: 148.78 Mbit/s
95th percentile per-packet one-way delay: 228.078 ms
Loss rate: 3.88%
```

Run 3: Report of Copa — Data Link

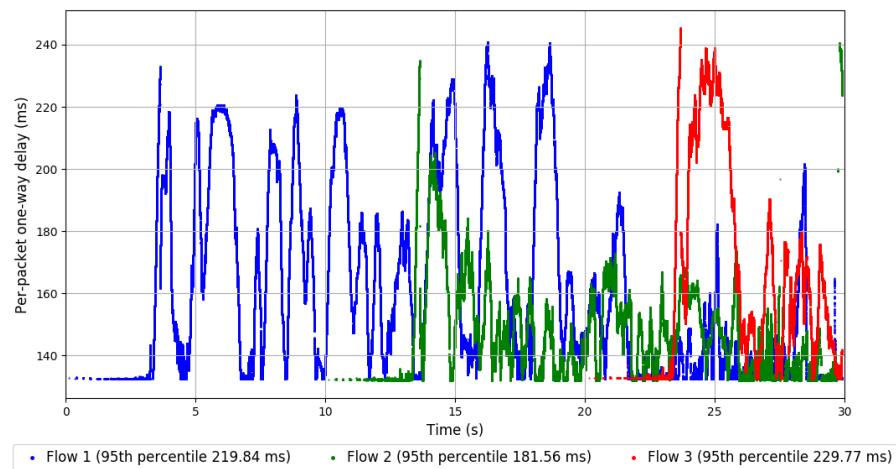
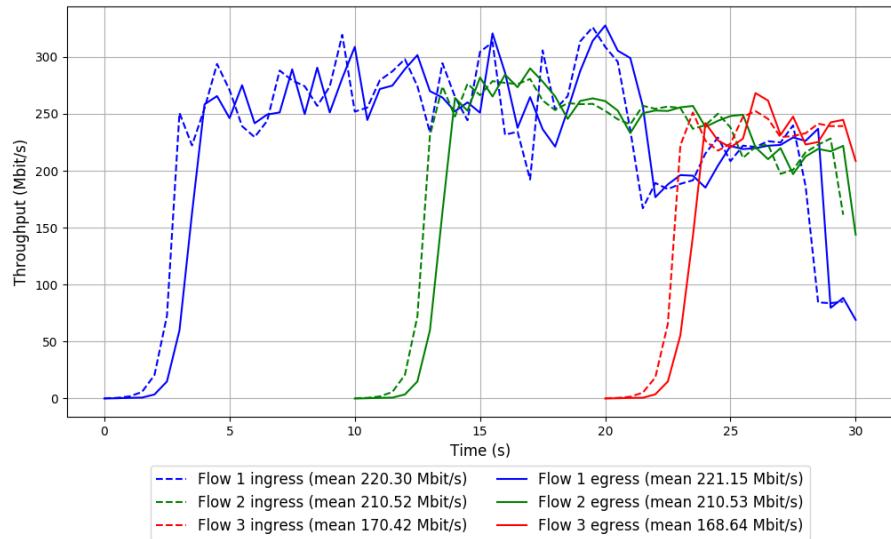


Run 4: Statistics of Copa

```
Start at: 2019-10-03 13:21:26
End at: 2019-10-03 13:21:56
Local clock offset: -0.221 ms
Remote clock offset: -0.009 ms

# Below is generated by plot.py at 2019-10-03 15:02:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 416.15 Mbit/s
95th percentile per-packet one-way delay: 219.623 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 221.15 Mbit/s
95th percentile per-packet one-way delay: 219.842 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 210.53 Mbit/s
95th percentile per-packet one-way delay: 181.559 ms
Loss rate: 0.99%
-- Flow 3:
Average throughput: 168.64 Mbit/s
95th percentile per-packet one-way delay: 229.772 ms
Loss rate: 3.02%
```

Run 4: Report of Copa — Data Link

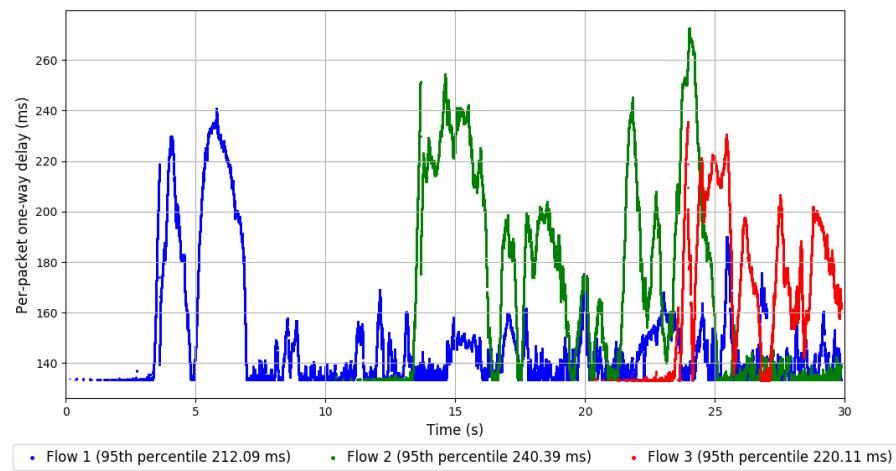
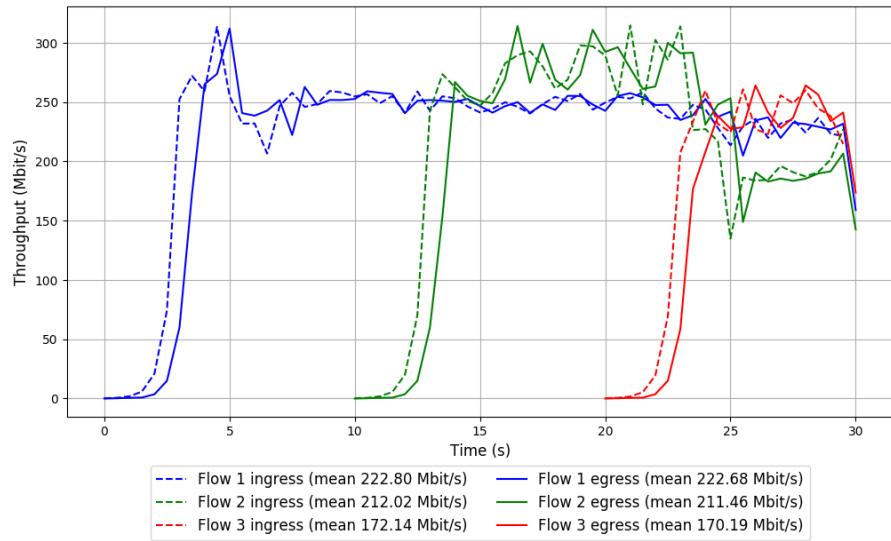


Run 5: Statistics of Copa

```
Start at: 2019-10-03 14:04:17
End at: 2019-10-03 14:04:47
Local clock offset: 0.287 ms
Remote clock offset: -0.092 ms

# Below is generated by plot.py at 2019-10-03 15:03:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 418.40 Mbit/s
95th percentile per-packet one-way delay: 228.716 ms
Loss rate: 1.54%
-- Flow 1:
Average throughput: 222.68 Mbit/s
95th percentile per-packet one-way delay: 212.093 ms
Loss rate: 0.94%
-- Flow 2:
Average throughput: 211.46 Mbit/s
95th percentile per-packet one-way delay: 240.393 ms
Loss rate: 1.59%
-- Flow 3:
Average throughput: 170.19 Mbit/s
95th percentile per-packet one-way delay: 220.110 ms
Loss rate: 3.78%
```

Run 5: Report of Copa — Data Link

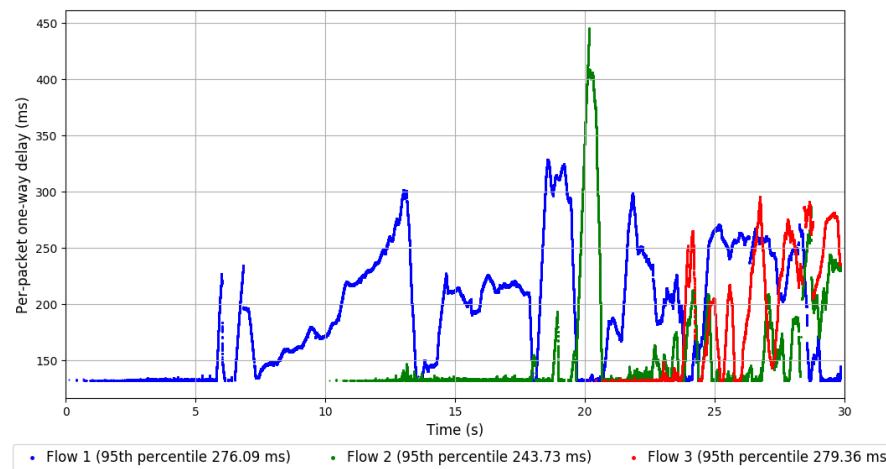
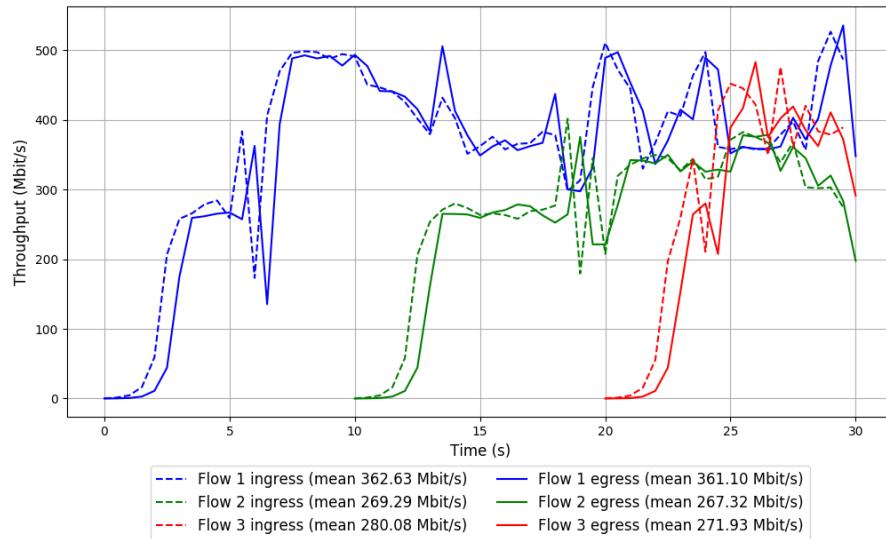


Run 1: Statistics of TCP Cubic

```
Start at: 2019-10-03 11:09:07
End at: 2019-10-03 11:09:37
Local clock offset: -0.494 ms
Remote clock offset: -0.08 ms

# Below is generated by plot.py at 2019-10-03 15:03:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 627.04 Mbit/s
95th percentile per-packet one-way delay: 277.068 ms
Loss rate: 2.13%
-- Flow 1:
Average throughput: 361.10 Mbit/s
95th percentile per-packet one-way delay: 276.092 ms
Loss rate: 1.31%
-- Flow 2:
Average throughput: 267.32 Mbit/s
95th percentile per-packet one-way delay: 243.734 ms
Loss rate: 2.05%
-- Flow 3:
Average throughput: 271.93 Mbit/s
95th percentile per-packet one-way delay: 279.360 ms
Loss rate: 5.52%
```

Run 1: Report of TCP Cubic — Data Link

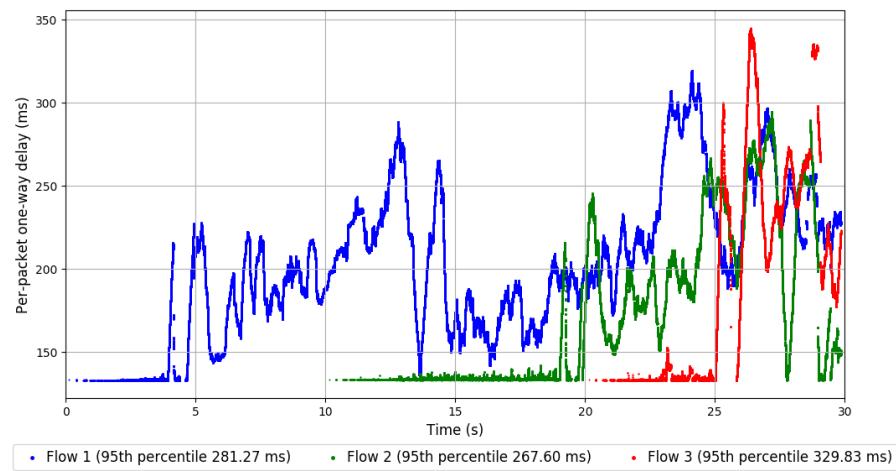
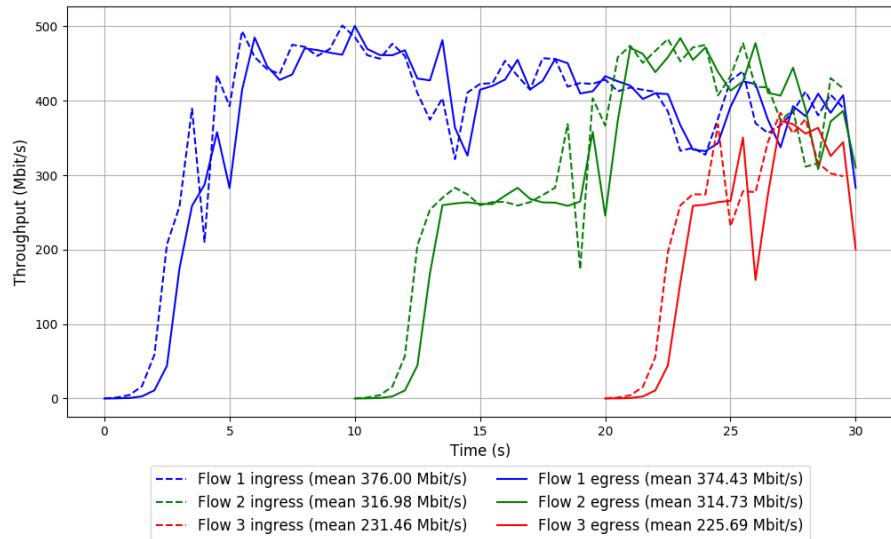


Run 2: Statistics of TCP Cubic

```
Start at: 2019-10-03 11:52:15
End at: 2019-10-03 11:52:45
Local clock offset: 0.114 ms
Remote clock offset: -0.049 ms

# Below is generated by plot.py at 2019-10-03 15:03:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 656.85 Mbit/s
95th percentile per-packet one-way delay: 280.073 ms
Loss rate: 1.97%
-- Flow 1:
Average throughput: 374.43 Mbit/s
95th percentile per-packet one-way delay: 281.274 ms
Loss rate: 1.30%
-- Flow 2:
Average throughput: 314.73 Mbit/s
95th percentile per-packet one-way delay: 267.603 ms
Loss rate: 2.03%
-- Flow 3:
Average throughput: 225.69 Mbit/s
95th percentile per-packet one-way delay: 329.828 ms
Loss rate: 5.10%
```

Run 2: Report of TCP Cubic — Data Link

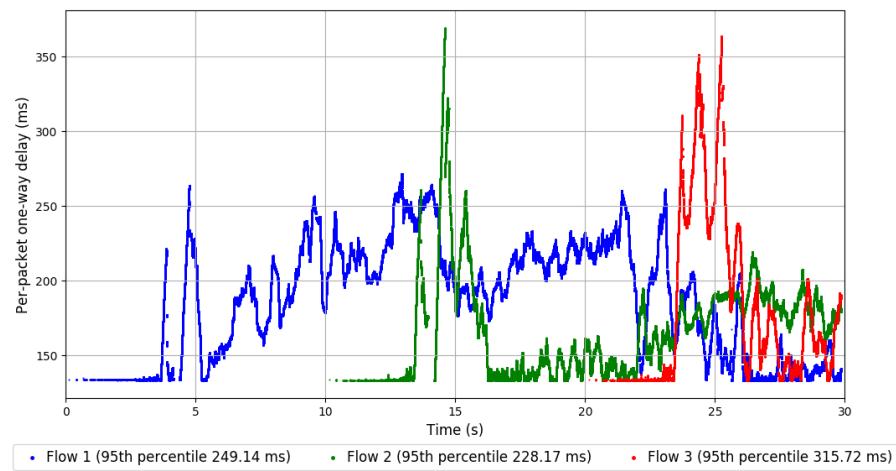
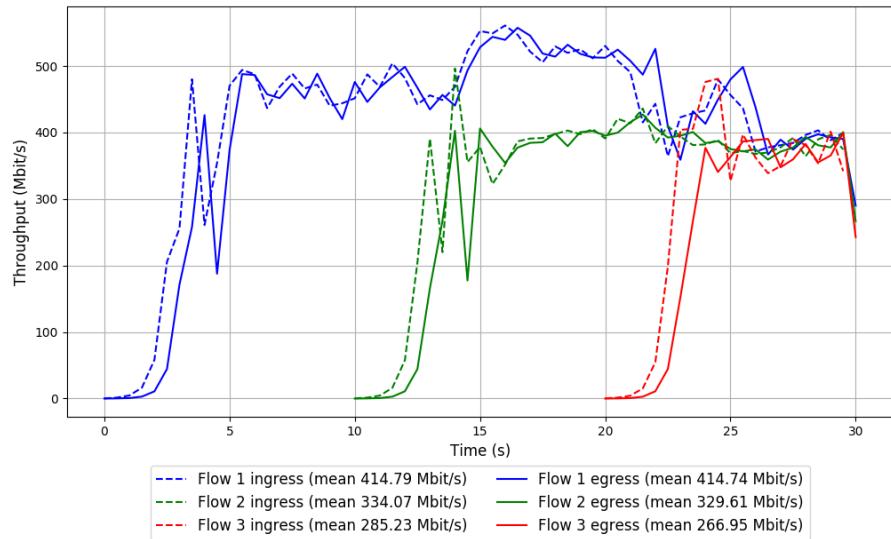


Run 3: Statistics of TCP Cubic

```
Start at: 2019-10-03 12:35:30
End at: 2019-10-03 12:36:00
Local clock offset: 0.03 ms
Remote clock offset: -0.362 ms

# Below is generated by plot.py at 2019-10-03 15:03:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 720.47 Mbit/s
95th percentile per-packet one-way delay: 252.802 ms
Loss rate: 2.47%
-- Flow 1:
Average throughput: 414.74 Mbit/s
95th percentile per-packet one-way delay: 249.140 ms
Loss rate: 0.90%
-- Flow 2:
Average throughput: 329.61 Mbit/s
95th percentile per-packet one-way delay: 228.166 ms
Loss rate: 2.65%
-- Flow 3:
Average throughput: 266.95 Mbit/s
95th percentile per-packet one-way delay: 315.716 ms
Loss rate: 8.90%
```

Run 3: Report of TCP Cubic — Data Link

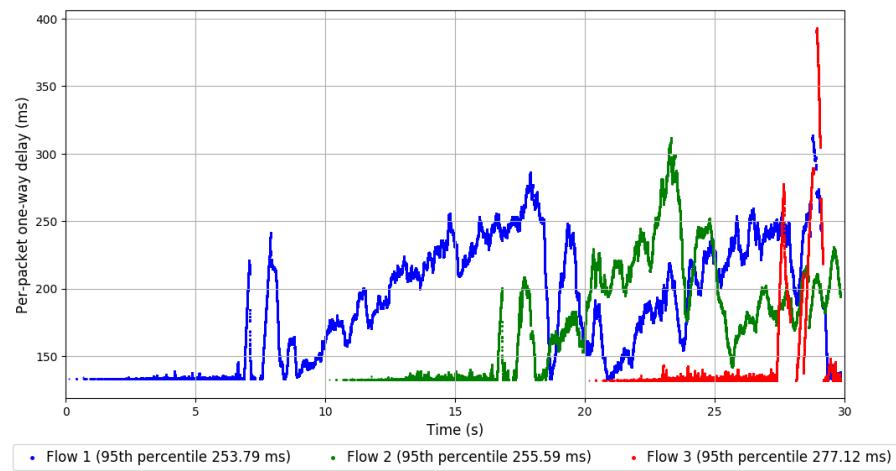
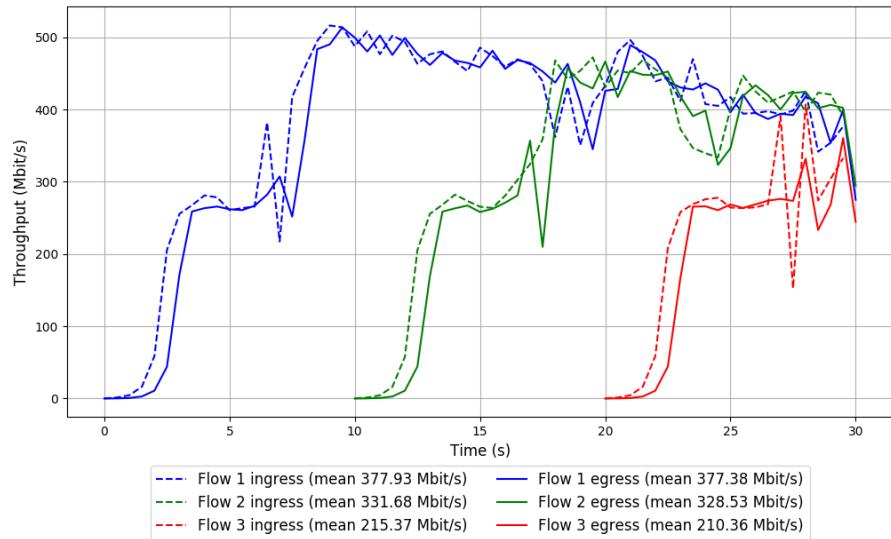


Run 4: Statistics of TCP Cubic

```
Start at: 2019-10-03 13:18:06
End at: 2019-10-03 13:18:36
Local clock offset: 0.101 ms
Remote clock offset: -0.006 ms

# Below is generated by plot.py at 2019-10-03 15:03:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 663.90 Mbit/s
95th percentile per-packet one-way delay: 254.931 ms
Loss rate: 1.86%
-- Flow 1:
Average throughput: 377.38 Mbit/s
95th percentile per-packet one-way delay: 253.795 ms
Loss rate: 1.04%
-- Flow 2:
Average throughput: 328.53 Mbit/s
95th percentile per-packet one-way delay: 255.589 ms
Loss rate: 2.27%
-- Flow 3:
Average throughput: 210.36 Mbit/s
95th percentile per-packet one-way delay: 277.116 ms
Loss rate: 4.92%
```

Run 4: Report of TCP Cubic — Data Link

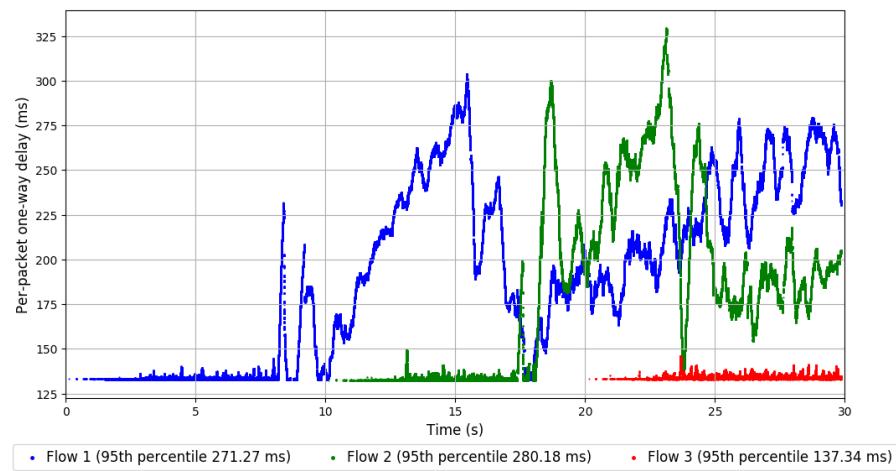
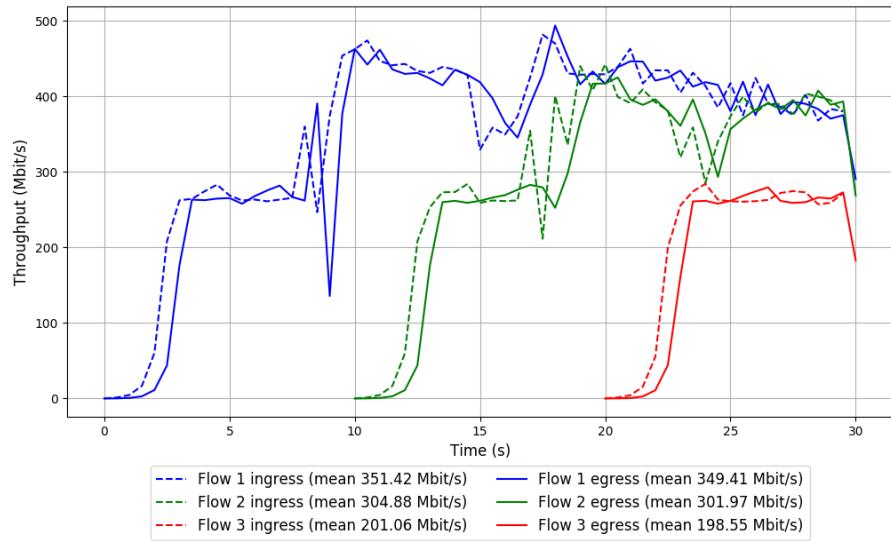


Run 5: Statistics of TCP Cubic

```
Start at: 2019-10-03 14:01:01
End at: 2019-10-03 14:01:31
Local clock offset: 0.033 ms
Remote clock offset: -0.107 ms

# Below is generated by plot.py at 2019-10-03 15:03:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 614.60 Mbit/s
95th percentile per-packet one-way delay: 271.742 ms
Loss rate: 1.98%
-- Flow 1:
Average throughput: 349.41 Mbit/s
95th percentile per-packet one-way delay: 271.266 ms
Loss rate: 1.45%
-- Flow 2:
Average throughput: 301.97 Mbit/s
95th percentile per-packet one-way delay: 280.184 ms
Loss rate: 2.27%
-- Flow 3:
Average throughput: 198.55 Mbit/s
95th percentile per-packet one-way delay: 137.335 ms
Loss rate: 3.89%
```

Run 5: Report of TCP Cubic — Data Link

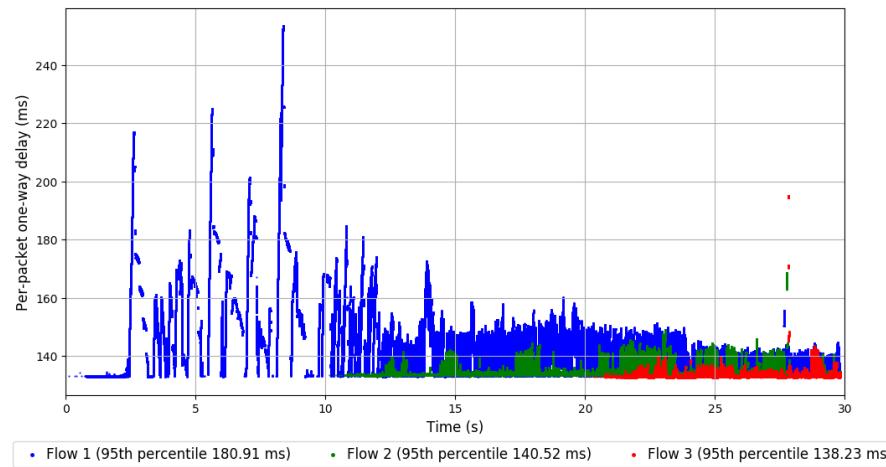
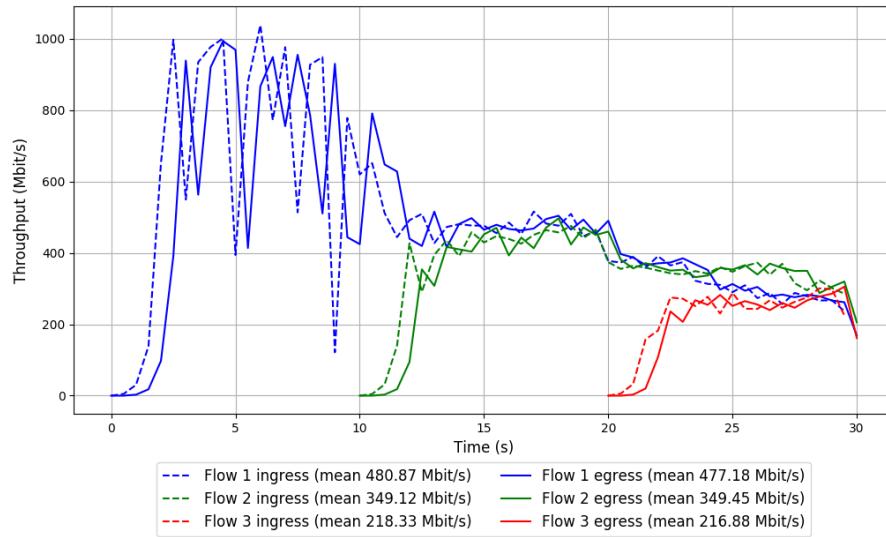


Run 1: Statistics of FillP

```
Start at: 2019-10-03 10:57:25
End at: 2019-10-03 10:57:55
Local clock offset: 0.161 ms
Remote clock offset: -0.121 ms

# Below is generated by plot.py at 2019-10-03 15:08:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 779.08 Mbit/s
95th percentile per-packet one-way delay: 174.897 ms
Loss rate: 1.70%
-- Flow 1:
Average throughput: 477.18 Mbit/s
95th percentile per-packet one-way delay: 180.905 ms
Loss rate: 1.72%
-- Flow 2:
Average throughput: 349.45 Mbit/s
95th percentile per-packet one-way delay: 140.521 ms
Loss rate: 1.17%
-- Flow 3:
Average throughput: 216.88 Mbit/s
95th percentile per-packet one-way delay: 138.226 ms
Loss rate: 3.24%
```

Run 1: Report of FillP — Data Link

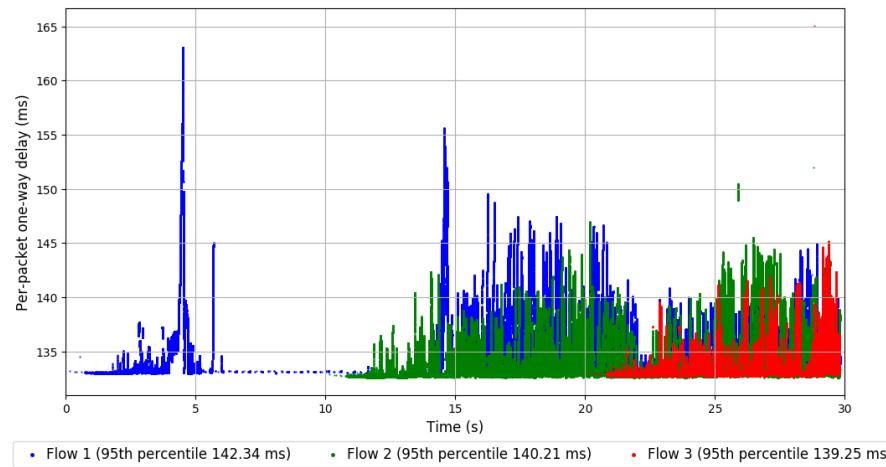
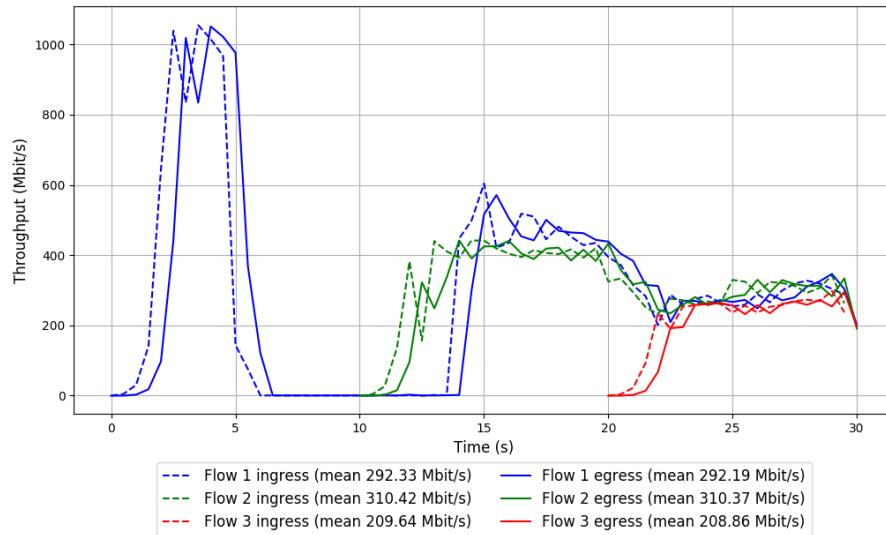


Run 2: Statistics of FillP

```
Start at: 2019-10-03 11:40:57
End at: 2019-10-03 11:41:27
Local clock offset: -0.048 ms
Remote clock offset: -0.035 ms

# Below is generated by plot.py at 2019-10-03 15:14:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 565.95 Mbit/s
95th percentile per-packet one-way delay: 140.918 ms
Loss rate: 1.34%
-- Flow 1:
Average throughput: 292.19 Mbit/s
95th percentile per-packet one-way delay: 142.335 ms
Loss rate: 0.90%
-- Flow 2:
Average throughput: 310.37 Mbit/s
95th percentile per-packet one-way delay: 140.209 ms
Loss rate: 1.40%
-- Flow 3:
Average throughput: 208.86 Mbit/s
95th percentile per-packet one-way delay: 139.255 ms
Loss rate: 3.01%
```

Run 2: Report of FillP — Data Link

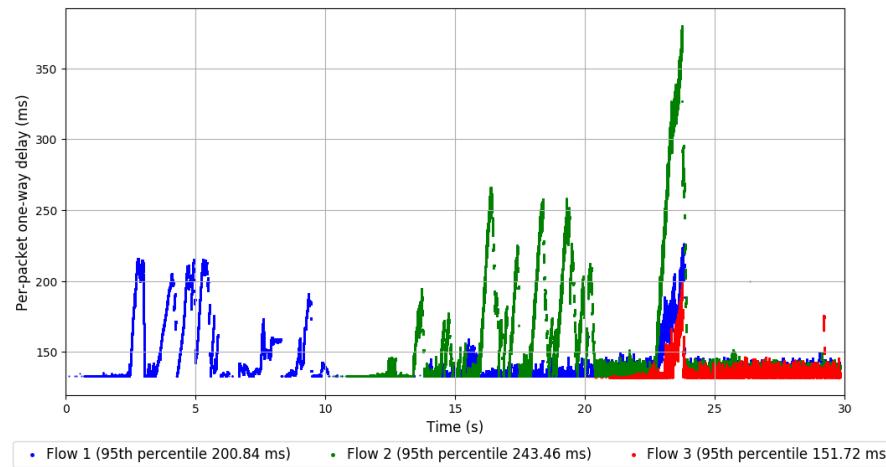
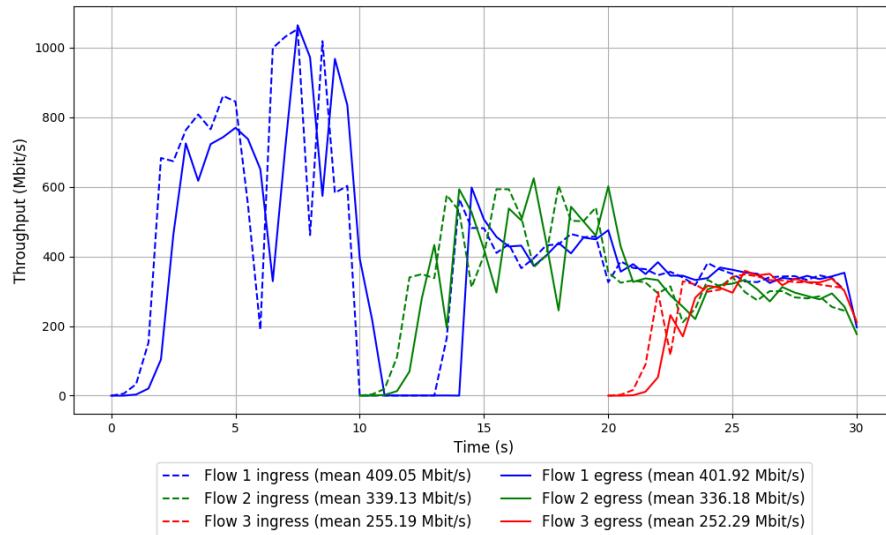


Run 3: Statistics of FillP

```
Start at: 2019-10-03 12:23:55
End at: 2019-10-03 12:24:25
Local clock offset: 0.046 ms
Remote clock offset: -0.006 ms

# Below is generated by plot.py at 2019-10-03 15:20:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 706.55 Mbit/s
95th percentile per-packet one-way delay: 208.350 ms
Loss rate: 2.60%
-- Flow 1:
Average throughput: 401.92 Mbit/s
95th percentile per-packet one-way delay: 200.841 ms
Loss rate: 2.65%
-- Flow 2:
Average throughput: 336.18 Mbit/s
95th percentile per-packet one-way delay: 243.455 ms
Loss rate: 2.09%
-- Flow 3:
Average throughput: 252.29 Mbit/s
95th percentile per-packet one-way delay: 151.721 ms
Loss rate: 3.70%
```

Run 3: Report of FillP — Data Link

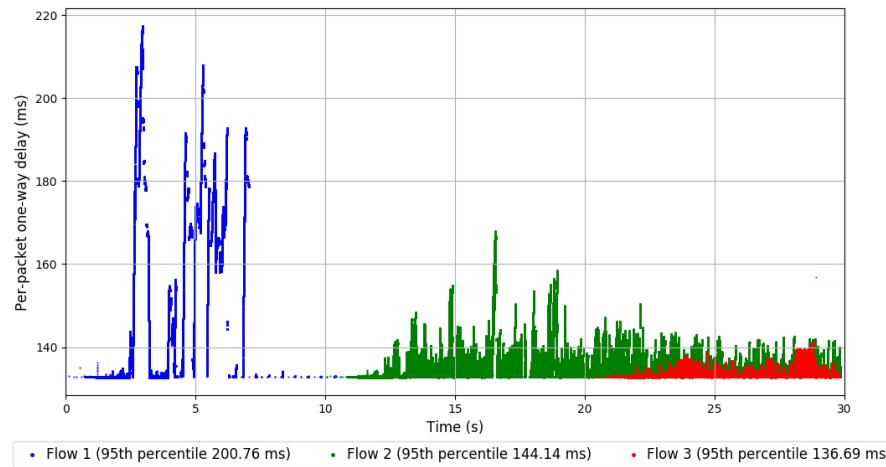
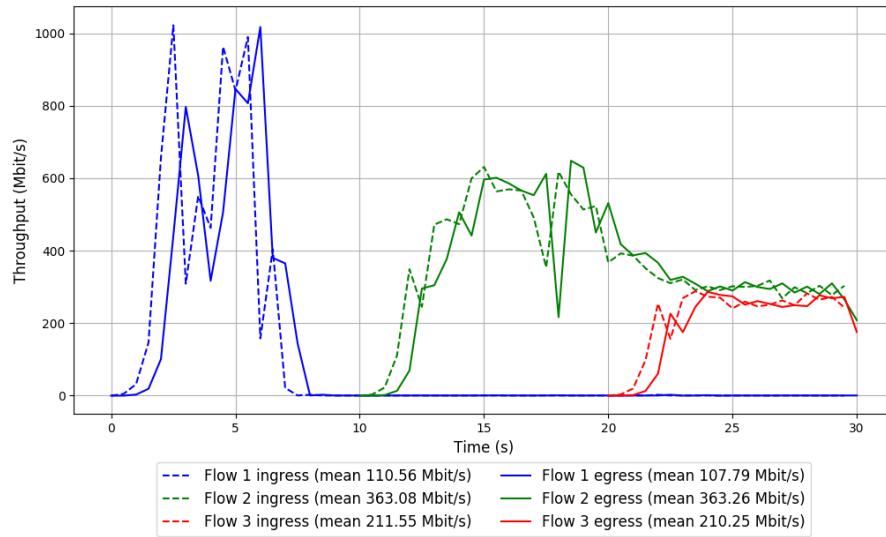


Run 4: Statistics of FillP

```
Start at: 2019-10-03 13:06:56
End at: 2019-10-03 13:07:26
Local clock offset: 0.507 ms
Remote clock offset: 0.017 ms

# Below is generated by plot.py at 2019-10-03 15:20:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 415.89 Mbit/s
95th percentile per-packet one-way delay: 180.680 ms
Loss rate: 2.11%
-- Flow 1:
Average throughput: 107.79 Mbit/s
95th percentile per-packet one-way delay: 200.765 ms
Loss rate: 3.22%
-- Flow 2:
Average throughput: 363.26 Mbit/s
95th percentile per-packet one-way delay: 144.140 ms
Loss rate: 1.22%
-- Flow 3:
Average throughput: 210.25 Mbit/s
95th percentile per-packet one-way delay: 136.694 ms
Loss rate: 3.45%
```

Run 4: Report of FillP — Data Link

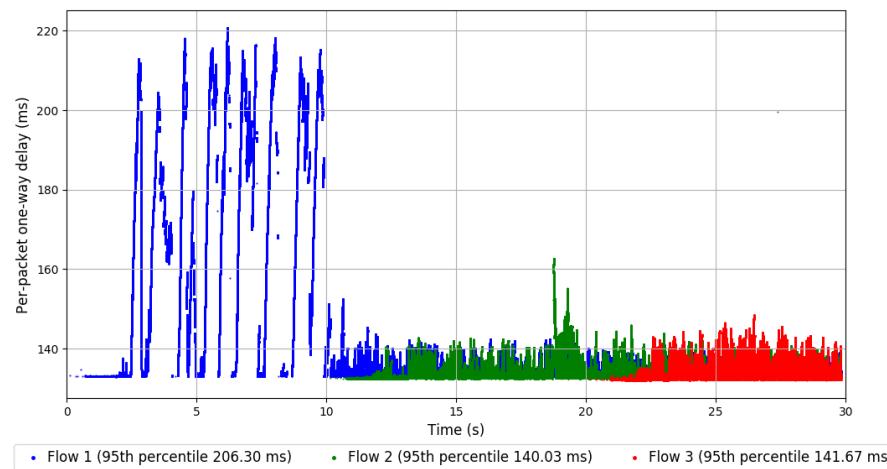
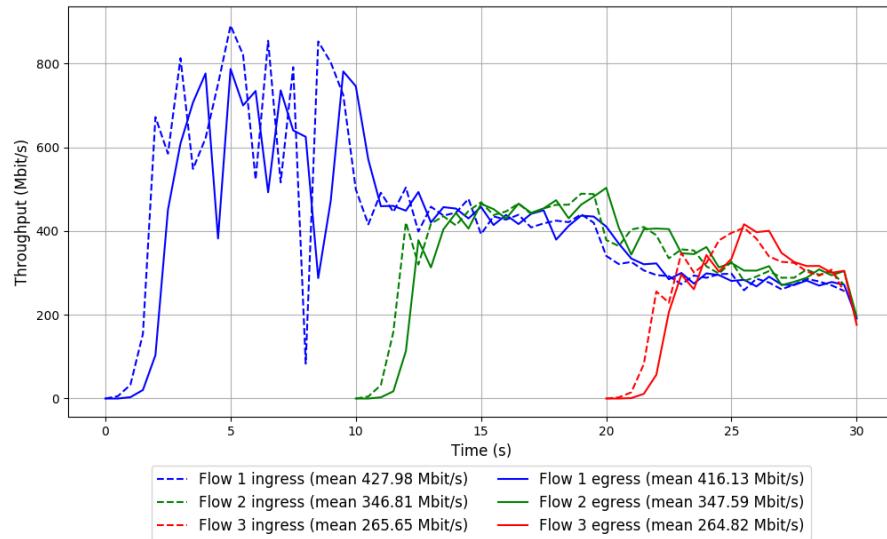


Run 5: Statistics of FillP

```
Start at: 2019-10-03 13:49:38
End at: 2019-10-03 13:50:08
Local clock offset: 0.024 ms
Remote clock offset: -0.094 ms

# Below is generated by plot.py at 2019-10-03 15:22:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 732.52 Mbit/s
95th percentile per-packet one-way delay: 201.485 ms
Loss rate: 2.77%
-- Flow 1:
Average throughput: 416.13 Mbit/s
95th percentile per-packet one-way delay: 206.302 ms
Loss rate: 3.59%
-- Flow 2:
Average throughput: 347.59 Mbit/s
95th percentile per-packet one-way delay: 140.025 ms
Loss rate: 1.18%
-- Flow 3:
Average throughput: 264.82 Mbit/s
95th percentile per-packet one-way delay: 141.668 ms
Loss rate: 2.94%
```

Run 5: Report of FillP — Data Link

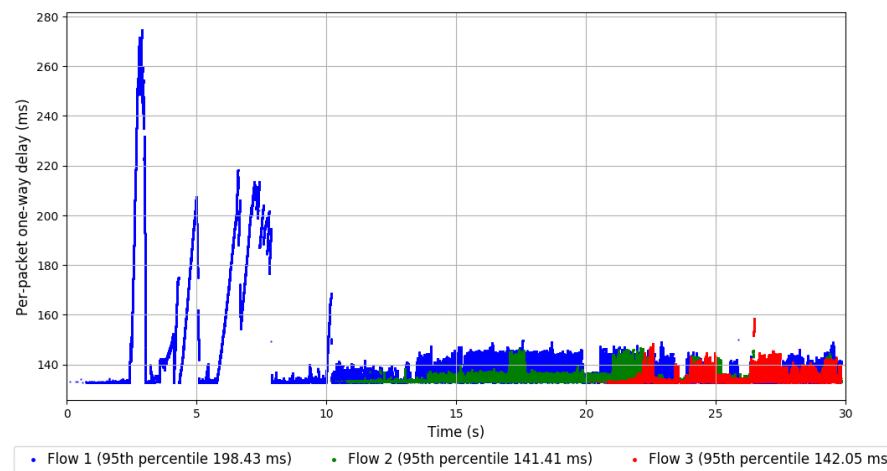
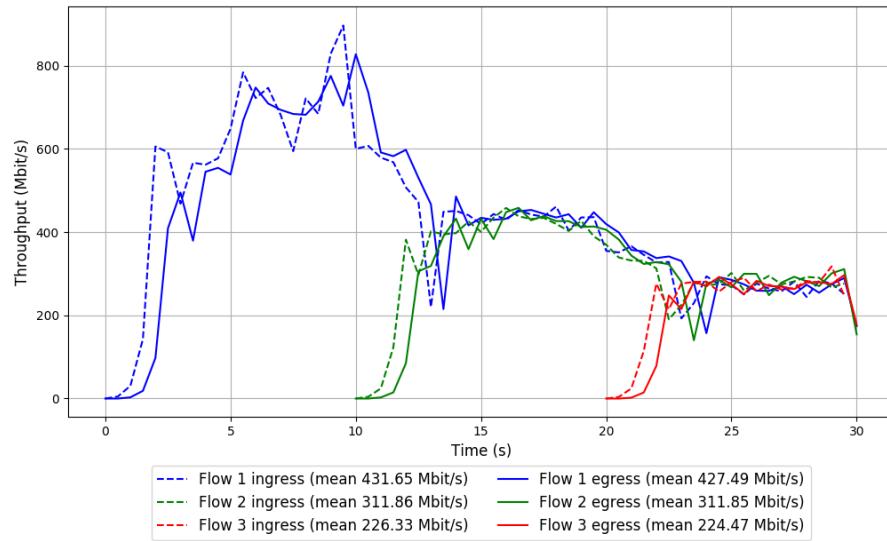


Run 1: Statistics of FillP-Sheep

```
Start at: 2019-10-03 10:48:25
End at: 2019-10-03 10:48:55
Local clock offset: 0.052 ms
Remote clock offset: -0.087 ms

# Below is generated by plot.py at 2019-10-03 15:22:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 706.91 Mbit/s
95th percentile per-packet one-way delay: 188.716 ms
Loss rate: 1.83%
-- Flow 1:
Average throughput: 427.49 Mbit/s
95th percentile per-packet one-way delay: 198.428 ms
Loss rate: 1.77%
-- Flow 2:
Average throughput: 311.85 Mbit/s
95th percentile per-packet one-way delay: 141.406 ms
Loss rate: 1.29%
-- Flow 3:
Average throughput: 224.47 Mbit/s
95th percentile per-packet one-way delay: 142.052 ms
Loss rate: 3.65%
```

Run 1: Report of FillP-Sheep — Data Link

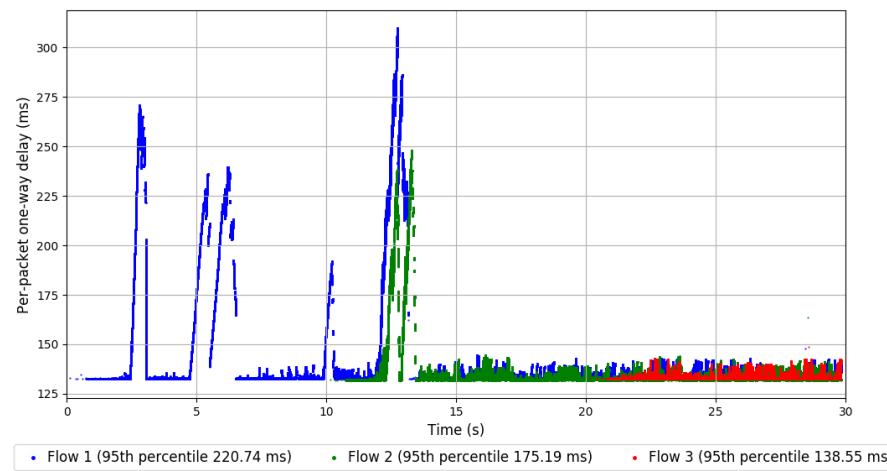
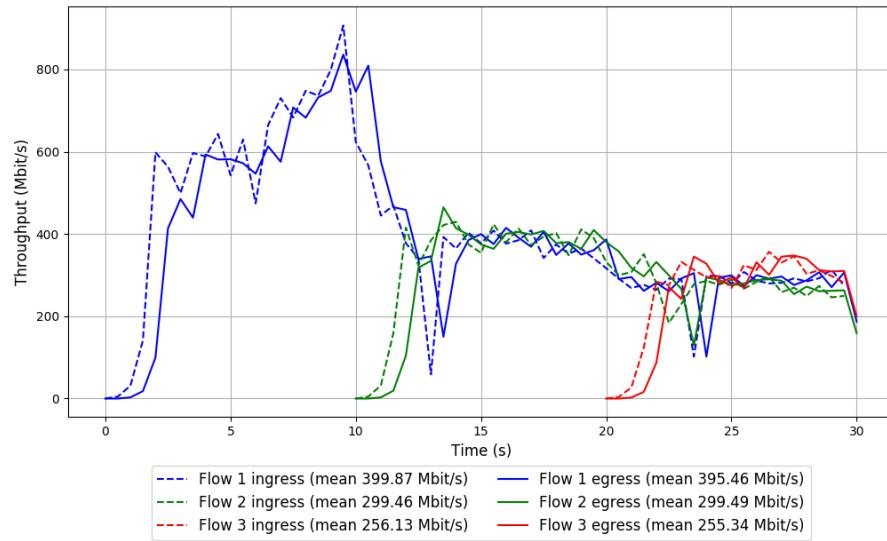


Run 2: Statistics of FillP-Sheep

```
Start at: 2019-10-03 11:31:51
End at: 2019-10-03 11:32:21
Local clock offset: -0.263 ms
Remote clock offset: -0.01 ms

# Below is generated by plot.py at 2019-10-03 15:22:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 677.00 Mbit/s
95th percentile per-packet one-way delay: 209.802 ms
Loss rate: 1.86%
-- Flow 1:
Average throughput: 395.46 Mbit/s
95th percentile per-packet one-way delay: 220.738 ms
Loss rate: 1.91%
-- Flow 2:
Average throughput: 299.49 Mbit/s
95th percentile per-packet one-way delay: 175.193 ms
Loss rate: 1.27%
-- Flow 3:
Average throughput: 255.34 Mbit/s
95th percentile per-packet one-way delay: 138.549 ms
Loss rate: 3.02%
```

Run 2: Report of FillP-Sheep — Data Link

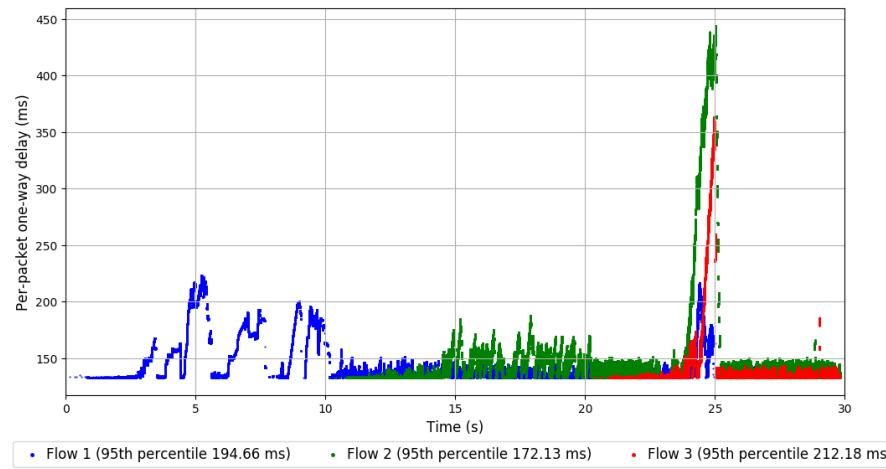
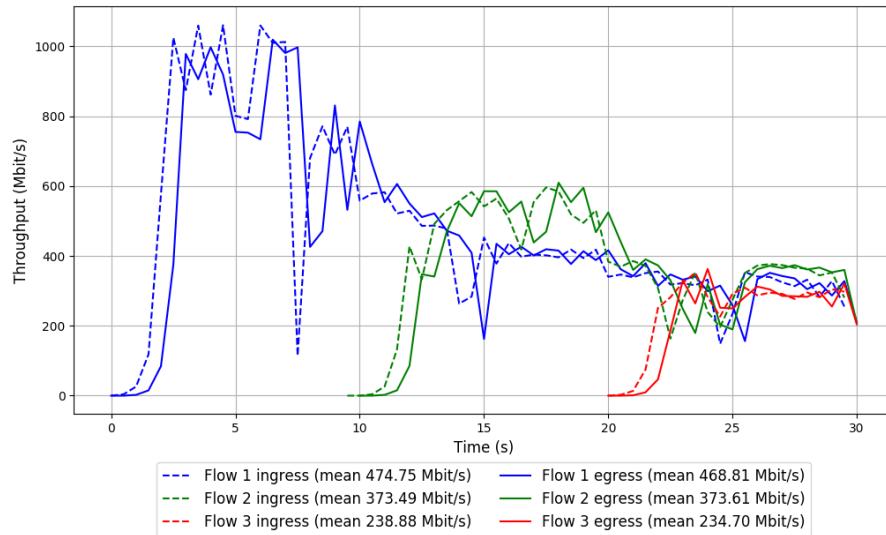


Run 3: Statistics of FillP-Sheep

```
Start at: 2019-10-03 12:14:43
End at: 2019-10-03 12:15:13
Local clock offset: 0.175 ms
Remote clock offset: -0.052 ms

# Below is generated by plot.py at 2019-10-03 15:24:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 792.72 Mbit/s
95th percentile per-packet one-way delay: 192.062 ms
Loss rate: 2.09%
-- Flow 1:
Average throughput: 468.81 Mbit/s
95th percentile per-packet one-way delay: 194.663 ms
Loss rate: 2.17%
-- Flow 2:
Average throughput: 373.61 Mbit/s
95th percentile per-packet one-way delay: 172.134 ms
Loss rate: 1.22%
-- Flow 3:
Average throughput: 234.70 Mbit/s
95th percentile per-packet one-way delay: 212.180 ms
Loss rate: 4.35%
```

Run 3: Report of FillP-Sheep — Data Link

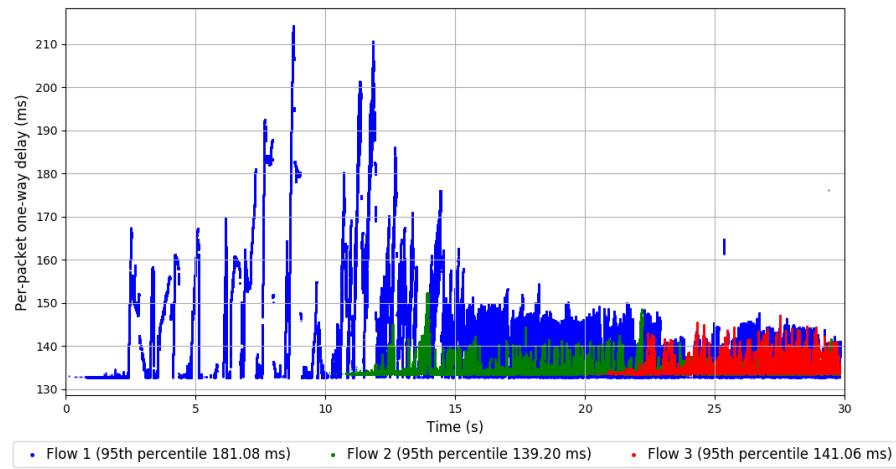
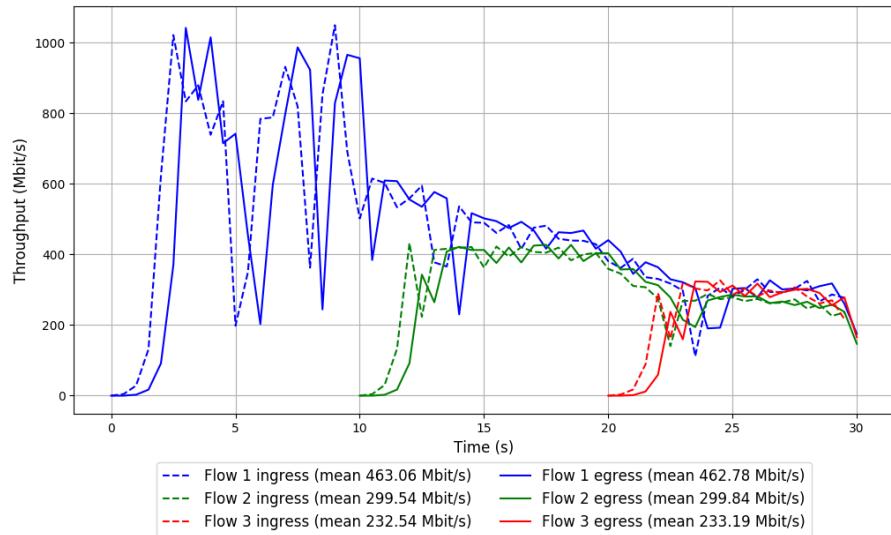


Run 4: Statistics of FillP-Sheep

```
Start at: 2019-10-03 12:57:47
End at: 2019-10-03 12:58:17
Local clock offset: 0.339 ms
Remote clock offset: -0.38 ms

# Below is generated by plot.py at 2019-10-03 15:29:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 736.83 Mbit/s
95th percentile per-packet one-way delay: 171.354 ms
Loss rate: 1.19%
-- Flow 1:
Average throughput: 462.78 Mbit/s
95th percentile per-packet one-way delay: 181.081 ms
Loss rate: 0.92%
-- Flow 2:
Average throughput: 299.84 Mbit/s
95th percentile per-packet one-way delay: 139.204 ms
Loss rate: 1.26%
-- Flow 3:
Average throughput: 233.19 Mbit/s
95th percentile per-packet one-way delay: 141.059 ms
Loss rate: 2.57%
```

Run 4: Report of FillP-Sheep — Data Link

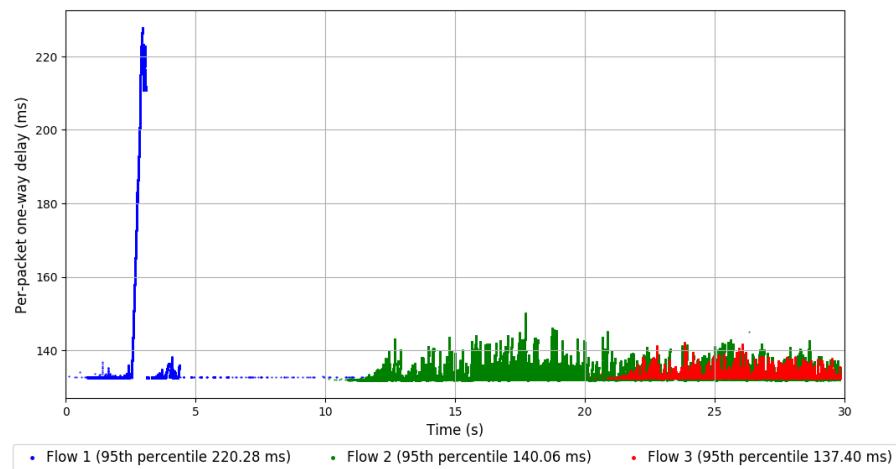
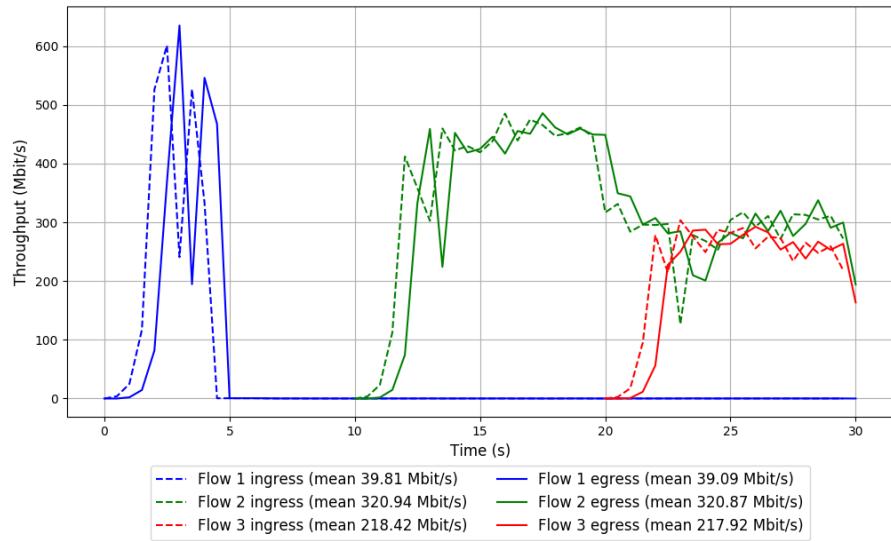


Run 5: Statistics of FillP-Sheep

```
Start at: 2019-10-03 13:40:51
End at: 2019-10-03 13:41:21
Local clock offset: -0.524 ms
Remote clock offset: -0.058 ms

# Below is generated by plot.py at 2019-10-03 15:29:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 322.55 Mbit/s
95th percentile per-packet one-way delay: 141.491 ms
Loss rate: 1.83%
-- Flow 1:
Average throughput: 39.09 Mbit/s
95th percentile per-packet one-way delay: 220.285 ms
Loss rate: 2.66%
-- Flow 2:
Average throughput: 320.87 Mbit/s
95th percentile per-packet one-way delay: 140.064 ms
Loss rate: 1.36%
-- Flow 3:
Average throughput: 217.92 Mbit/s
95th percentile per-packet one-way delay: 137.399 ms
Loss rate: 2.79%
```

Run 5: Report of FillP-Sheep — Data Link

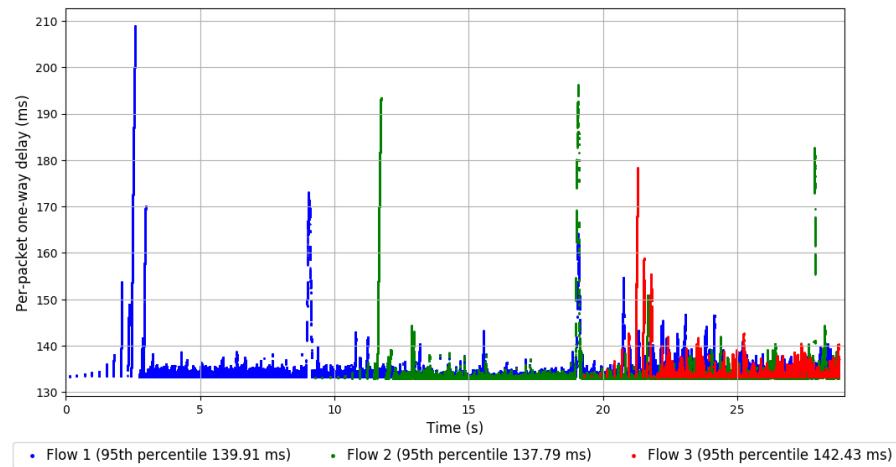
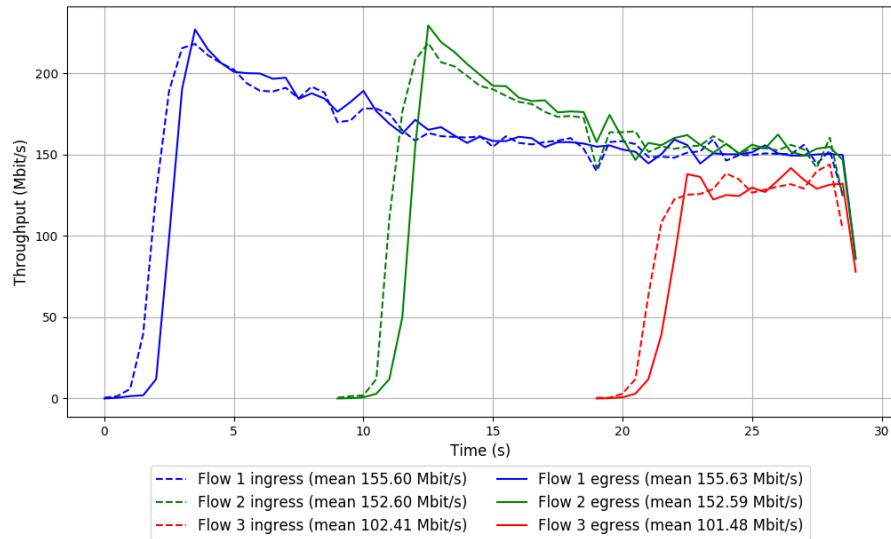


Run 1: Statistics of Indigo

```
Start at: 2019-10-03 10:59:23
End at: 2019-10-03 10:59:53
Local clock offset: -0.072 ms
Remote clock offset: -0.452 ms

# Below is generated by plot.py at 2019-10-03 15:29:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 293.07 Mbit/s
95th percentile per-packet one-way delay: 139.263 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 155.63 Mbit/s
95th percentile per-packet one-way delay: 139.911 ms
Loss rate: 0.89%
-- Flow 2:
Average throughput: 152.59 Mbit/s
95th percentile per-packet one-way delay: 137.789 ms
Loss rate: 1.35%
-- Flow 3:
Average throughput: 101.48 Mbit/s
95th percentile per-packet one-way delay: 142.429 ms
Loss rate: 3.61%
```

Run 1: Report of Indigo — Data Link

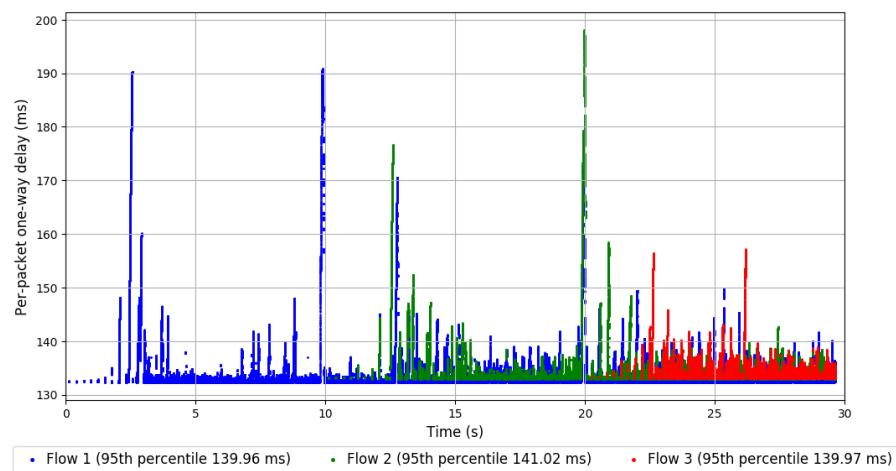
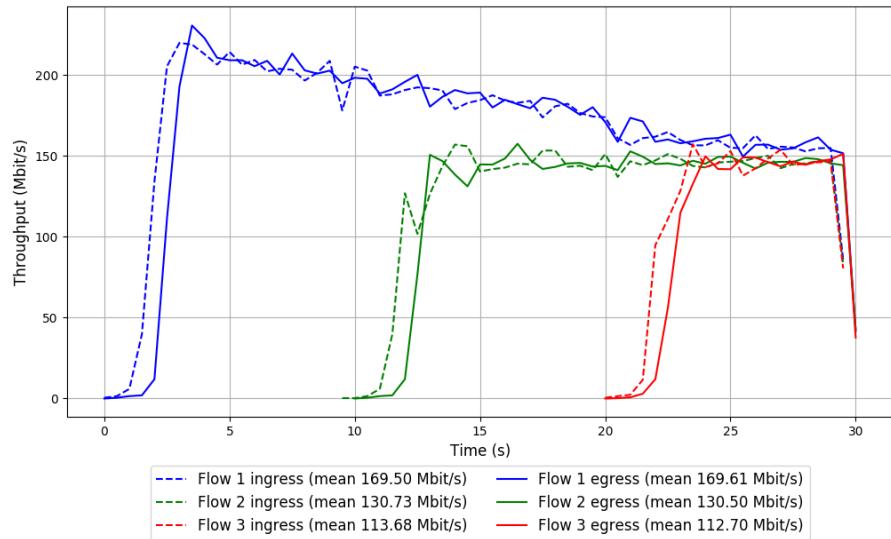


Run 2: Statistics of Indigo

```
Start at: 2019-10-03 11:42:46
End at: 2019-10-03 11:43:16
Local clock offset: -0.085 ms
Remote clock offset: -0.073 ms

# Below is generated by plot.py at 2019-10-03 15:32:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 291.76 Mbit/s
95th percentile per-packet one-way delay: 140.232 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 169.61 Mbit/s
95th percentile per-packet one-way delay: 139.956 ms
Loss rate: 0.82%
-- Flow 2:
Average throughput: 130.50 Mbit/s
95th percentile per-packet one-way delay: 141.018 ms
Loss rate: 1.52%
-- Flow 3:
Average throughput: 112.70 Mbit/s
95th percentile per-packet one-way delay: 139.965 ms
Loss rate: 3.58%
```

Run 2: Report of Indigo — Data Link

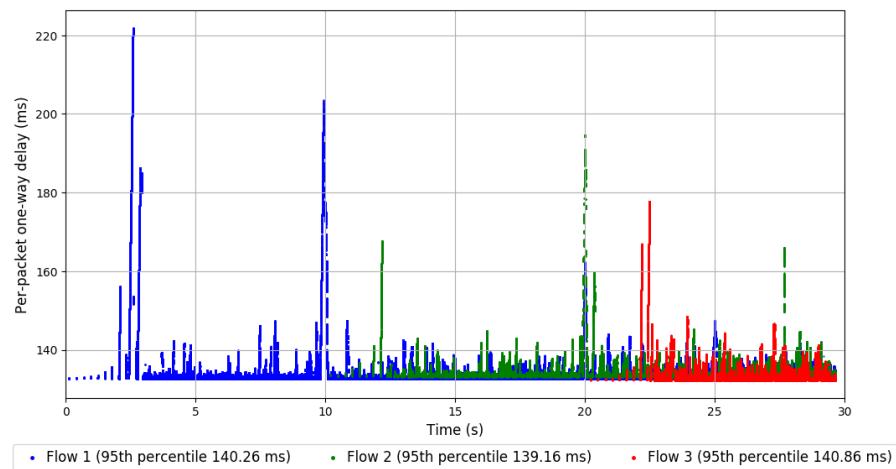
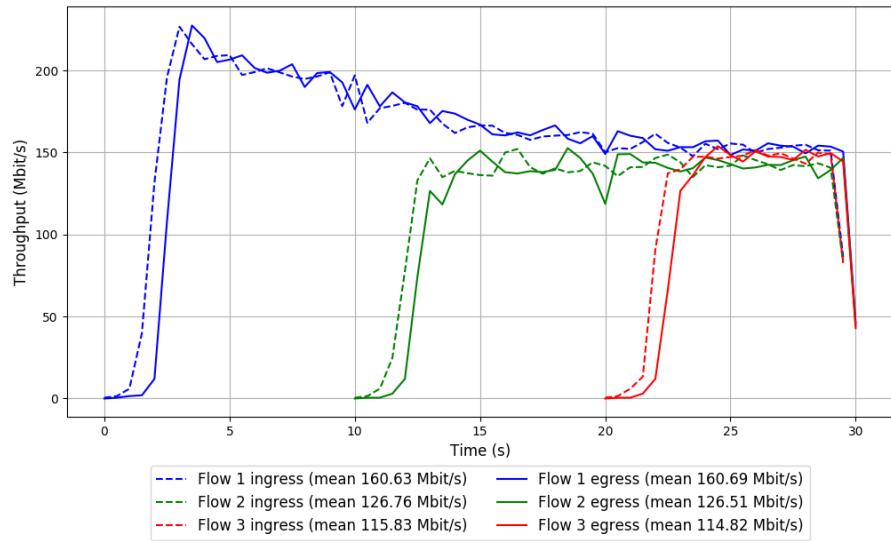


Run 3: Statistics of Indigo

```
Start at: 2019-10-03 12:25:50
End at: 2019-10-03 12:26:20
Local clock offset: 0.367 ms
Remote clock offset: 0.032 ms

# Below is generated by plot.py at 2019-10-03 15:32:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 280.75 Mbit/s
95th percentile per-packet one-way delay: 139.997 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 160.69 Mbit/s
95th percentile per-packet one-way delay: 140.261 ms
Loss rate: 0.86%
-- Flow 2:
Average throughput: 126.51 Mbit/s
95th percentile per-packet one-way delay: 139.161 ms
Loss rate: 1.54%
-- Flow 3:
Average throughput: 114.82 Mbit/s
95th percentile per-packet one-way delay: 140.859 ms
Loss rate: 3.54%
```

Run 3: Report of Indigo — Data Link

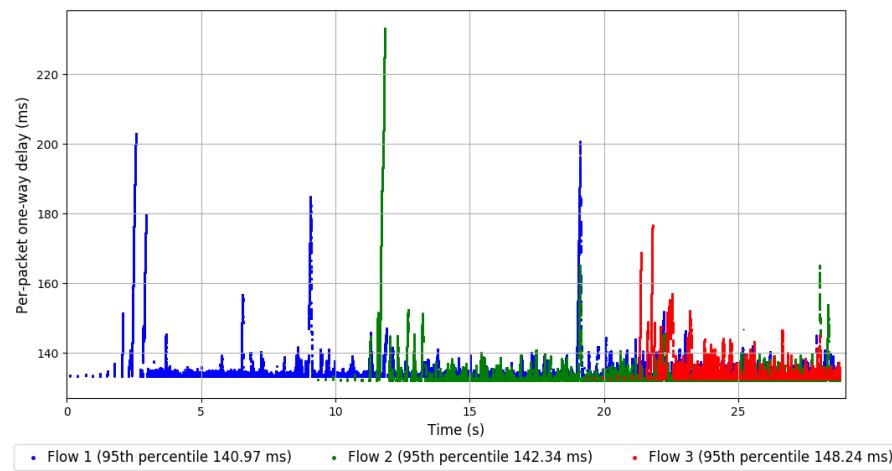
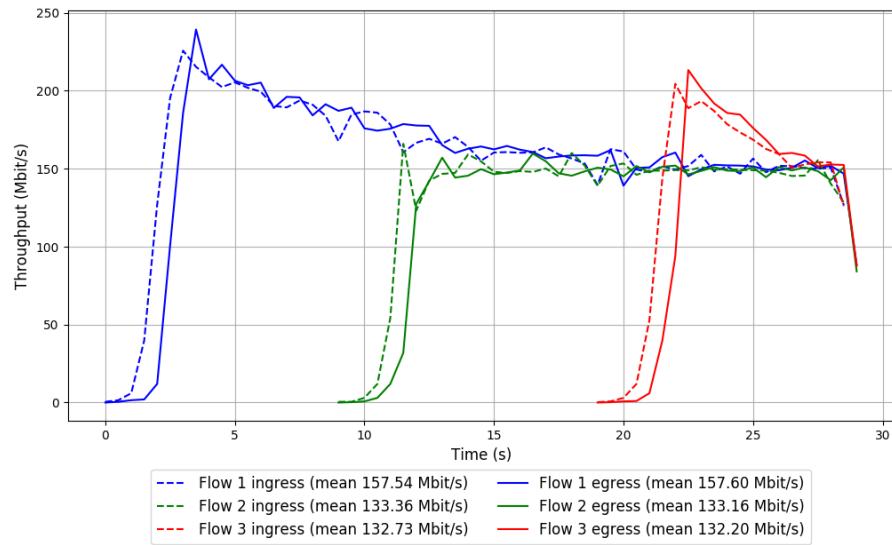


Run 4: Statistics of Indigo

```
Start at: 2019-10-03 13:08:38
End at: 2019-10-03 13:09:08
Local clock offset: -0.048 ms
Remote clock offset: -0.325 ms

# Below is generated by plot.py at 2019-10-03 15:33:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 291.29 Mbit/s
95th percentile per-packet one-way delay: 142.872 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 157.60 Mbit/s
95th percentile per-packet one-way delay: 140.972 ms
Loss rate: 0.88%
-- Flow 2:
Average throughput: 133.16 Mbit/s
95th percentile per-packet one-way delay: 142.338 ms
Loss rate: 1.50%
-- Flow 3:
Average throughput: 132.20 Mbit/s
95th percentile per-packet one-way delay: 148.237 ms
Loss rate: 3.14%
```

Run 4: Report of Indigo — Data Link

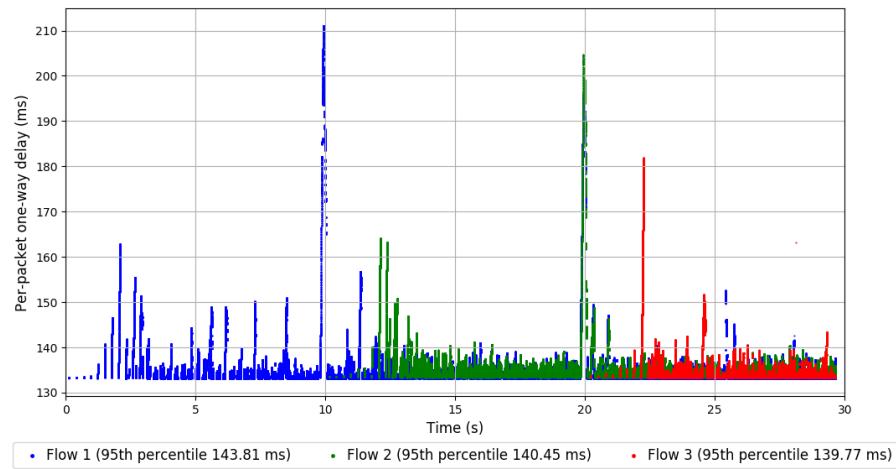
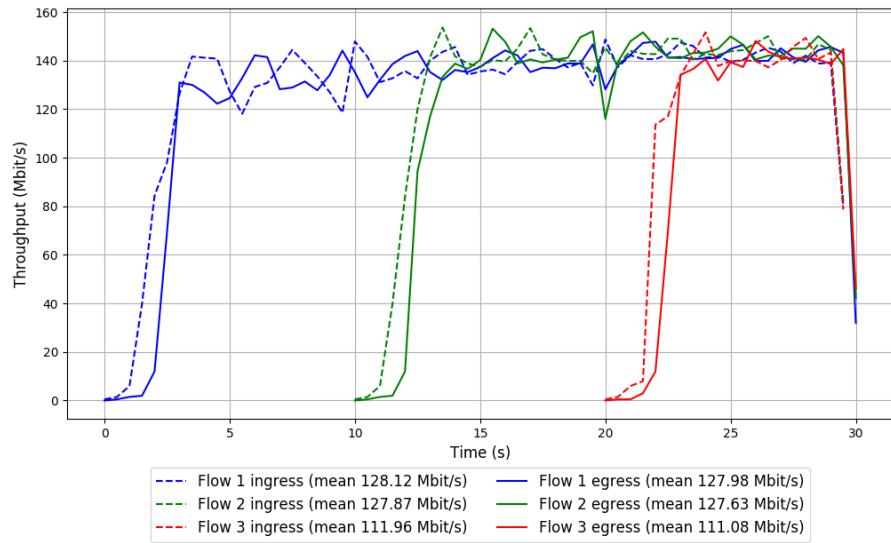


Run 5: Statistics of Indigo

```
Start at: 2019-10-03 13:51:35
End at: 2019-10-03 13:52:05
Local clock offset: 0.3 ms
Remote clock offset: -0.095 ms

# Below is generated by plot.py at 2019-10-03 15:33:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 247.75 Mbit/s
95th percentile per-packet one-way delay: 141.645 ms
Loss rate: 1.55%
-- Flow 1:
Average throughput: 127.98 Mbit/s
95th percentile per-packet one-way delay: 143.811 ms
Loss rate: 1.00%
-- Flow 2:
Average throughput: 127.63 Mbit/s
95th percentile per-packet one-way delay: 140.452 ms
Loss rate: 1.53%
-- Flow 3:
Average throughput: 111.08 Mbit/s
95th percentile per-packet one-way delay: 139.766 ms
Loss rate: 3.54%
```

Run 5: Report of Indigo — Data Link

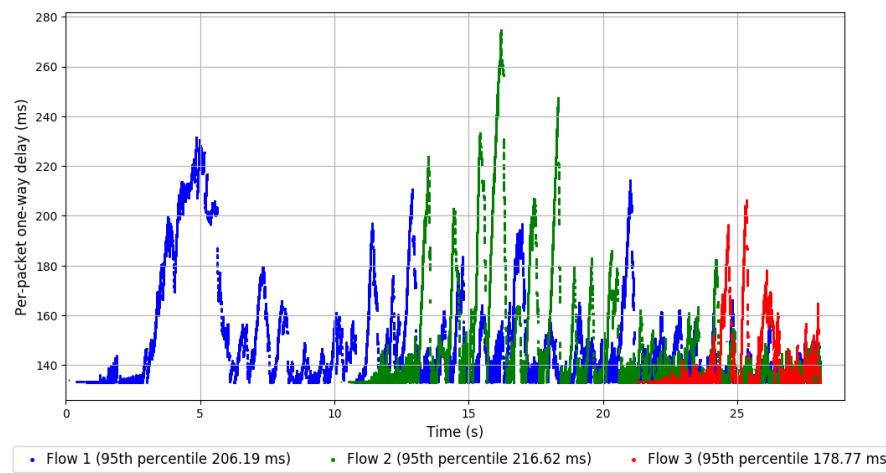
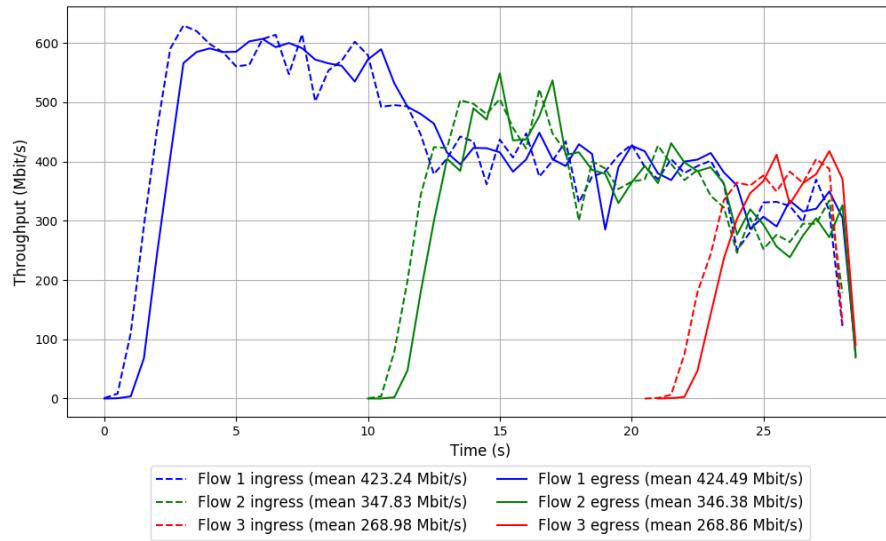


Run 1: Statistics of Indigo-MusesC3

```
Start at: 2019-10-03 10:53:41
End at: 2019-10-03 10:54:11
Local clock offset: 0.268 ms
Remote clock offset: -0.06 ms

# Below is generated by plot.py at 2019-10-03 15:37:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 713.37 Mbit/s
95th percentile per-packet one-way delay: 207.059 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 424.49 Mbit/s
95th percentile per-packet one-way delay: 206.188 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 346.38 Mbit/s
95th percentile per-packet one-way delay: 216.616 ms
Loss rate: 1.88%
-- Flow 3:
Average throughput: 268.86 Mbit/s
95th percentile per-packet one-way delay: 178.774 ms
Loss rate: 3.74%
```

Run 1: Report of Indigo-MusesC3 — Data Link

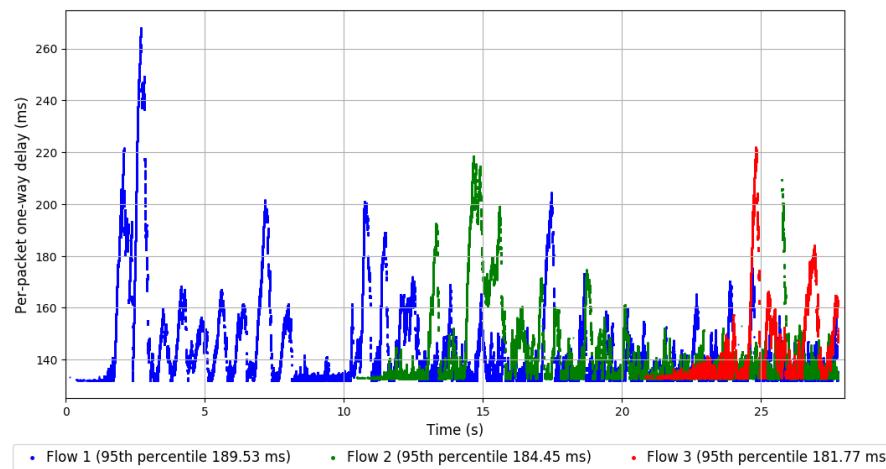
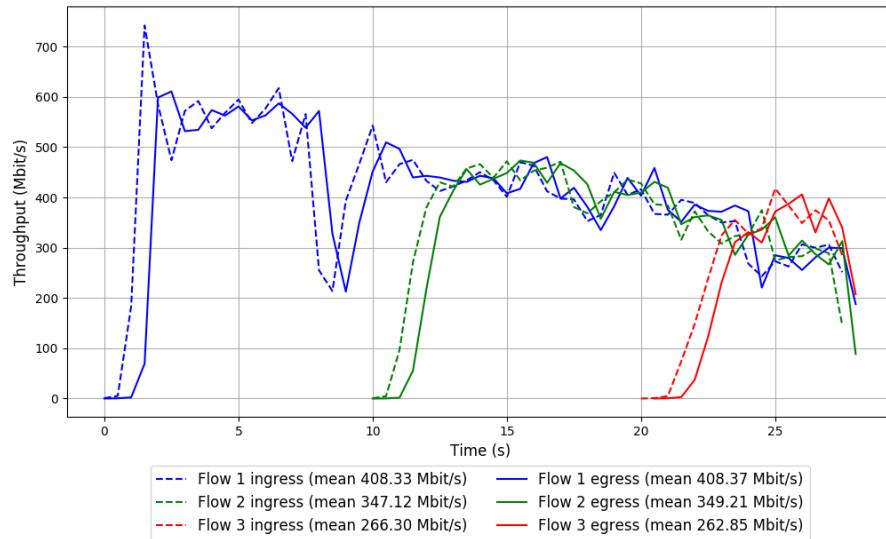


Run 2: Statistics of Indigo-MusesC3

```
Start at: 2019-10-03 11:37:08
End at: 2019-10-03 11:37:38
Local clock offset: -0.067 ms
Remote clock offset: -0.056 ms

# Below is generated by plot.py at 2019-10-03 15:38:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 698.55 Mbit/s
95th percentile per-packet one-way delay: 188.213 ms
Loss rate: 1.32%
-- Flow 1:
Average throughput: 408.37 Mbit/s
95th percentile per-packet one-way delay: 189.529 ms
Loss rate: 0.94%
-- Flow 2:
Average throughput: 349.21 Mbit/s
95th percentile per-packet one-way delay: 184.447 ms
Loss rate: 0.89%
-- Flow 3:
Average throughput: 262.85 Mbit/s
95th percentile per-packet one-way delay: 181.771 ms
Loss rate: 4.79%
```

Run 2: Report of Indigo-MusesC3 — Data Link

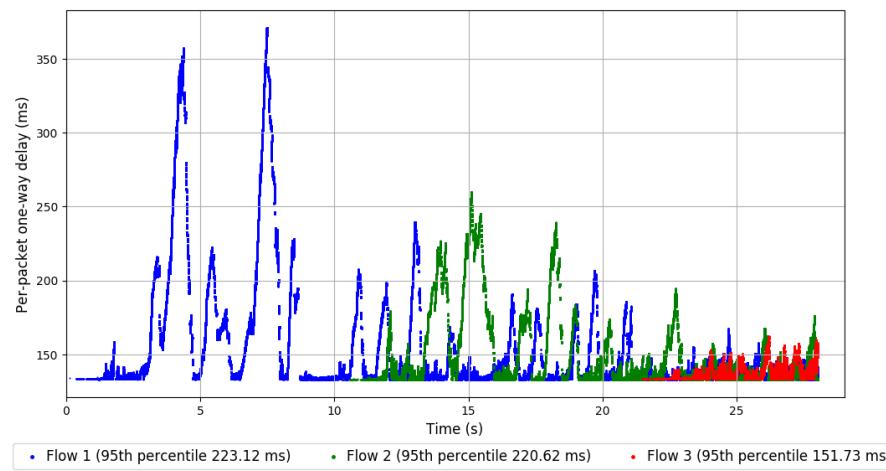
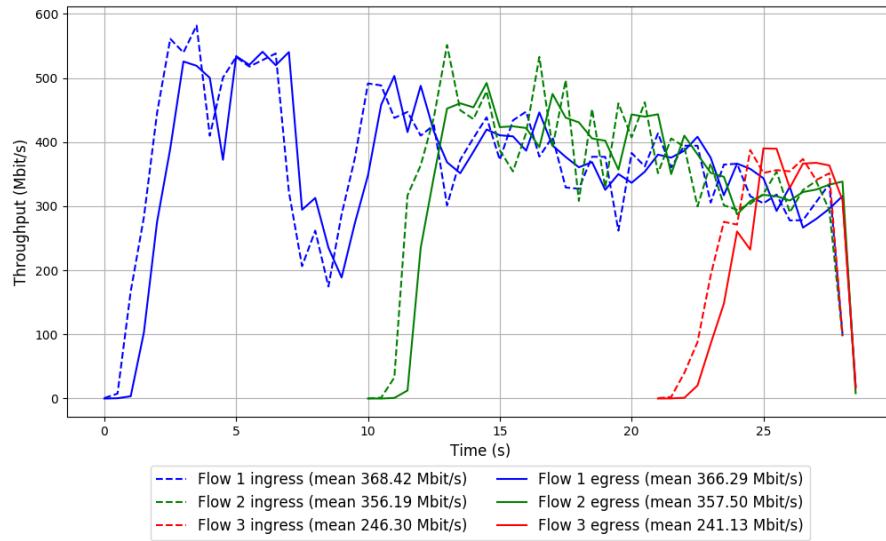


Run 3: Statistics of Indigo-MusesC3

```
Start at: 2019-10-03 12:20:07
End at: 2019-10-03 12:20:37
Local clock offset: 0.216 ms
Remote clock offset: -0.06 ms

# Below is generated by plot.py at 2019-10-03 15:41:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 651.92 Mbit/s
95th percentile per-packet one-way delay: 218.637 ms
Loss rate: 1.79%
-- Flow 1:
Average throughput: 366.29 Mbit/s
95th percentile per-packet one-way delay: 223.119 ms
Loss rate: 1.53%
-- Flow 2:
Average throughput: 357.50 Mbit/s
95th percentile per-packet one-way delay: 220.621 ms
Loss rate: 1.14%
-- Flow 3:
Average throughput: 241.13 Mbit/s
95th percentile per-packet one-way delay: 151.733 ms
Loss rate: 5.81%
```

Run 3: Report of Indigo-MusesC3 — Data Link

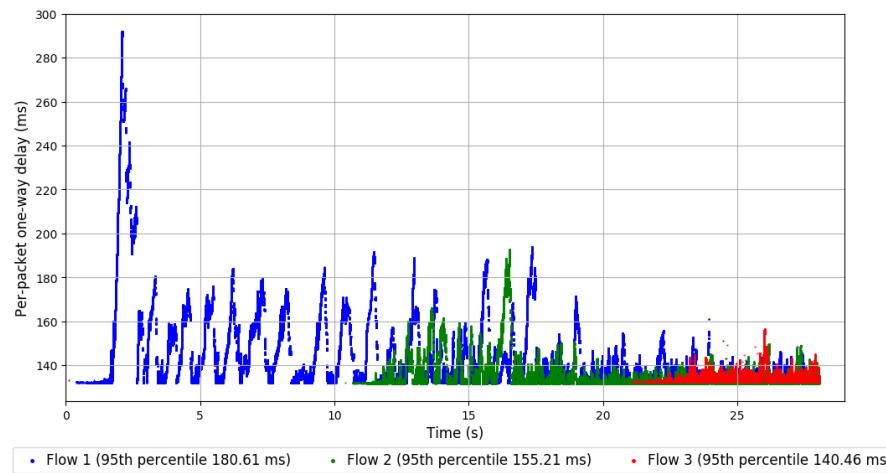
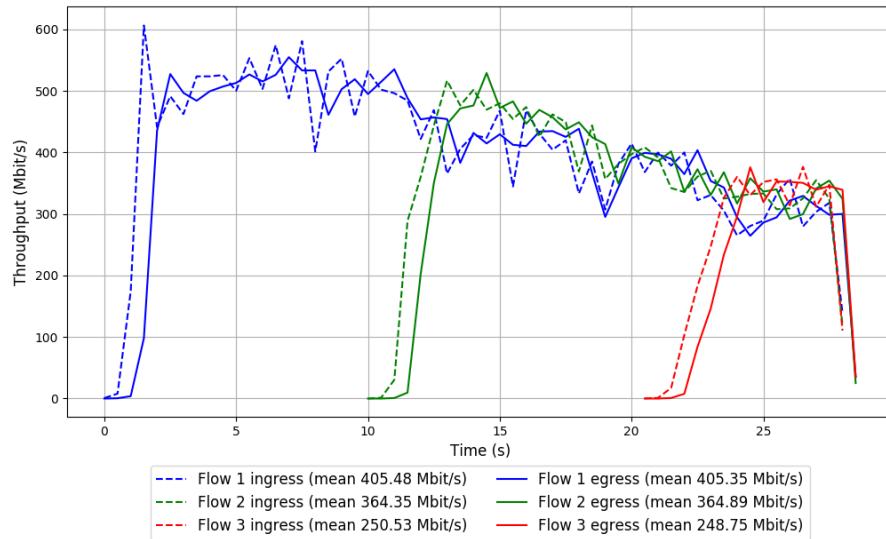


Run 4: Statistics of Indigo-MusesC3

```
Start at: 2019-10-03 13:03:06
End at: 2019-10-03 13:03:36
Local clock offset: -0.194 ms
Remote clock offset: -0.011 ms

# Below is generated by plot.py at 2019-10-03 15:44:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 699.95 Mbit/s
95th percentile per-packet one-way delay: 173.513 ms
Loss rate: 1.41%
-- Flow 1:
Average throughput: 405.35 Mbit/s
95th percentile per-packet one-way delay: 180.611 ms
Loss rate: 0.97%
-- Flow 2:
Average throughput: 364.89 Mbit/s
95th percentile per-packet one-way delay: 155.209 ms
Loss rate: 1.36%
-- Flow 3:
Average throughput: 248.75 Mbit/s
95th percentile per-packet one-way delay: 140.464 ms
Loss rate: 4.26%
```

Run 4: Report of Indigo-MusesC3 — Data Link

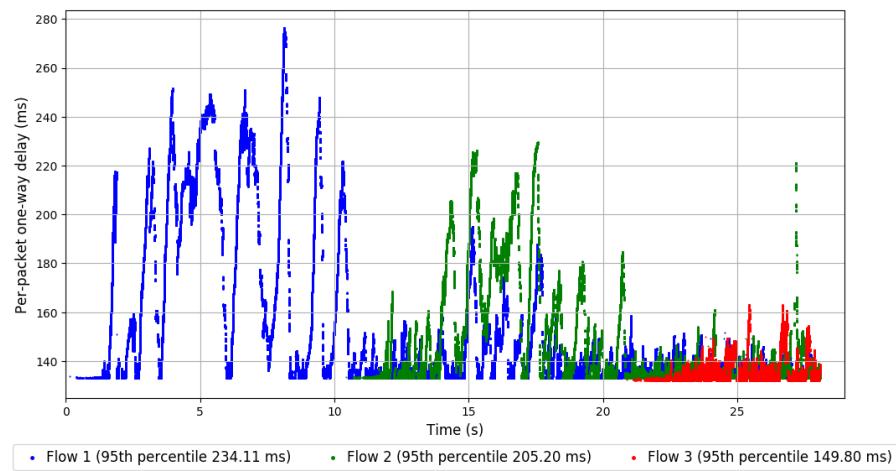
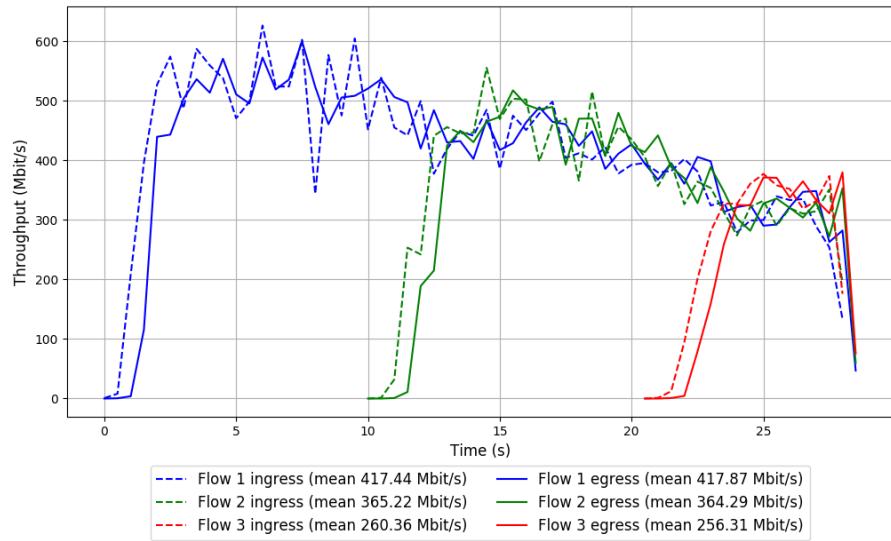


Run 5: Statistics of Indigo-MusesC3

```
Start at: 2019-10-03 13:45:46
End at: 2019-10-03 13:46:16
Local clock offset: -0.27 ms
Remote clock offset: -0.454 ms

# Below is generated by plot.py at 2019-10-03 15:47:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 714.07 Mbit/s
95th percentile per-packet one-way delay: 223.770 ms
Loss rate: 1.53%
-- Flow 1:
Average throughput: 417.87 Mbit/s
95th percentile per-packet one-way delay: 234.108 ms
Loss rate: 0.84%
-- Flow 2:
Average throughput: 364.29 Mbit/s
95th percentile per-packet one-way delay: 205.204 ms
Loss rate: 1.74%
-- Flow 3:
Average throughput: 256.31 Mbit/s
95th percentile per-packet one-way delay: 149.796 ms
Loss rate: 5.03%
```

Run 5: Report of Indigo-MusesC3 — Data Link

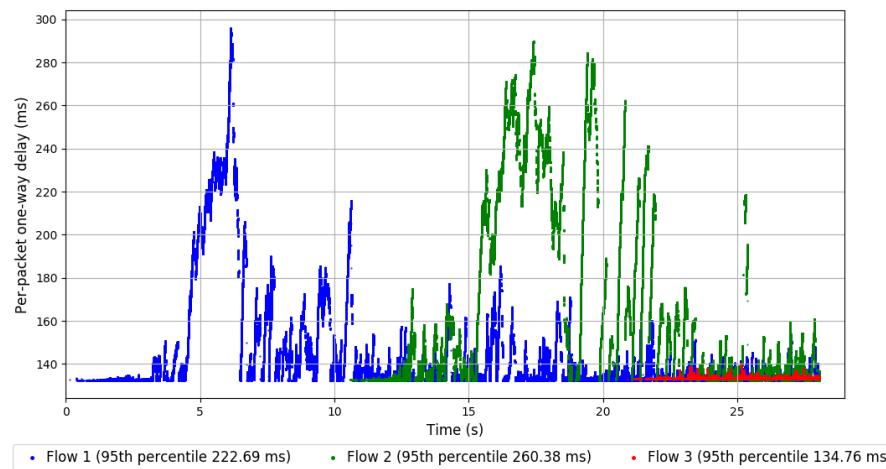
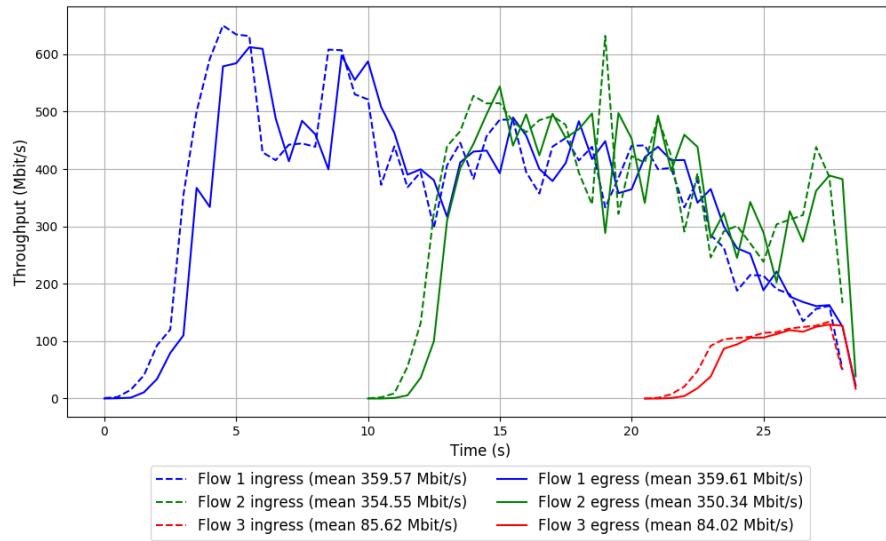


Run 1: Statistics of Indigo-MusesC5

```
Start at: 2019-10-03 11:22:37
End at: 2019-10-03 11:23:07
Local clock offset: 0.005 ms
Remote clock offset: -0.026 ms

# Below is generated by plot.py at 2019-10-03 15:47:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 603.62 Mbit/s
95th percentile per-packet one-way delay: 244.580 ms
Loss rate: 1.71%
-- Flow 1:
Average throughput: 359.61 Mbit/s
95th percentile per-packet one-way delay: 222.687 ms
Loss rate: 0.89%
-- Flow 2:
Average throughput: 350.34 Mbit/s
95th percentile per-packet one-way delay: 260.381 ms
Loss rate: 2.65%
-- Flow 3:
Average throughput: 84.02 Mbit/s
95th percentile per-packet one-way delay: 134.756 ms
Loss rate: 5.43%
```

Run 1: Report of Indigo-MusesC5 — Data Link

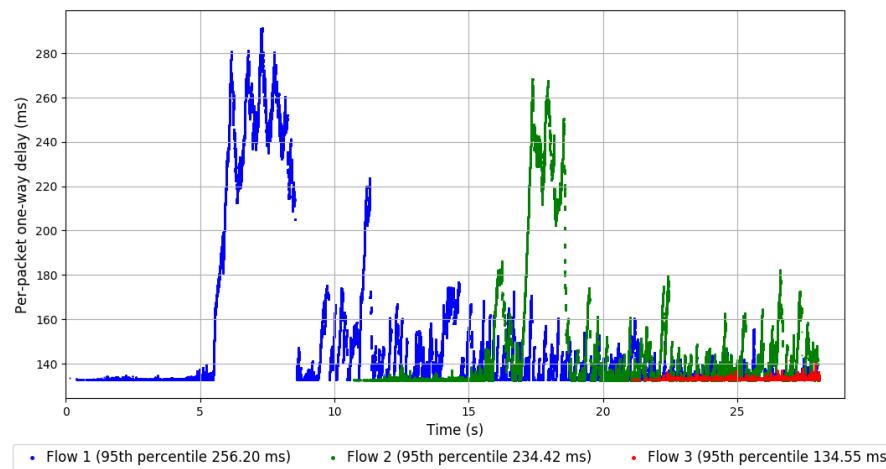
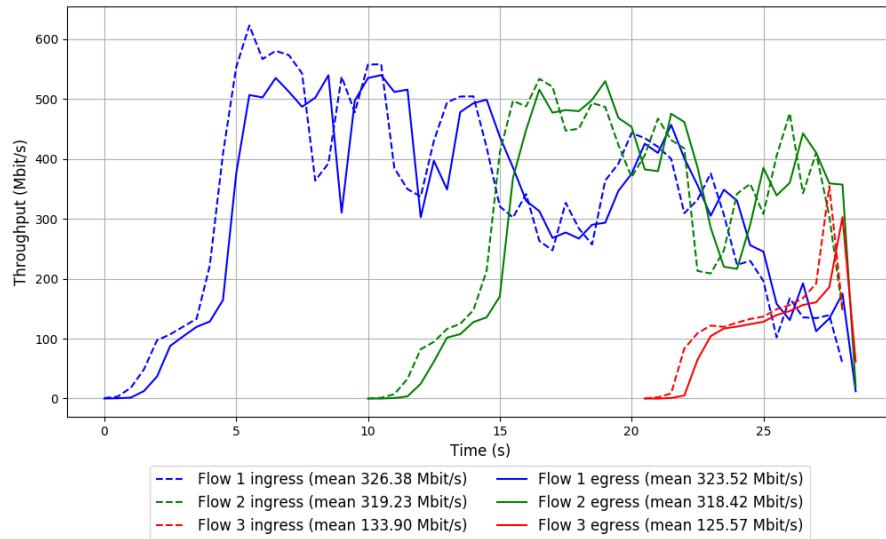


Run 2: Statistics of Indigo-MusesC5

```
Start at: 2019-10-03 12:05:46
End at: 2019-10-03 12:06:16
Local clock offset: -0.202 ms
Remote clock offset: -0.027 ms

# Below is generated by plot.py at 2019-10-03 15:47:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 556.84 Mbit/s
95th percentile per-packet one-way delay: 247.084 ms
Loss rate: 2.28%
-- Flow 1:
Average throughput: 323.52 Mbit/s
95th percentile per-packet one-way delay: 256.199 ms
Loss rate: 1.83%
-- Flow 2:
Average throughput: 318.42 Mbit/s
95th percentile per-packet one-way delay: 234.419 ms
Loss rate: 1.74%
-- Flow 3:
Average throughput: 125.57 Mbit/s
95th percentile per-packet one-way delay: 134.552 ms
Loss rate: 9.57%
```

Run 2: Report of Indigo-MusesC5 — Data Link

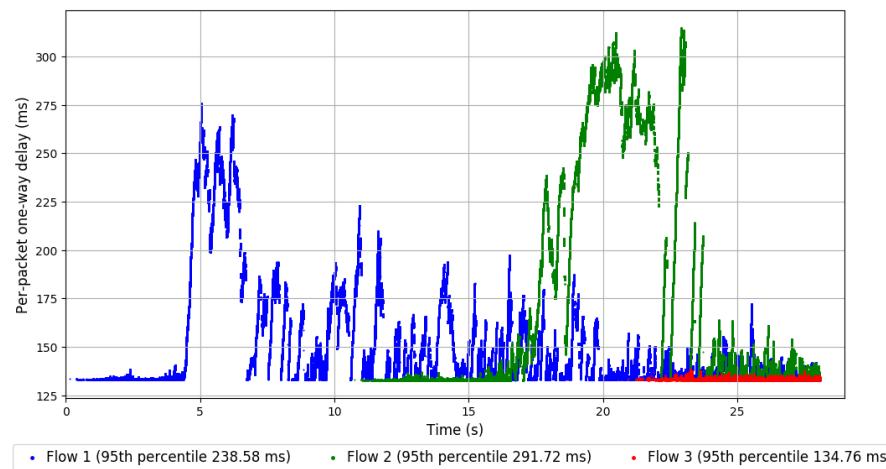
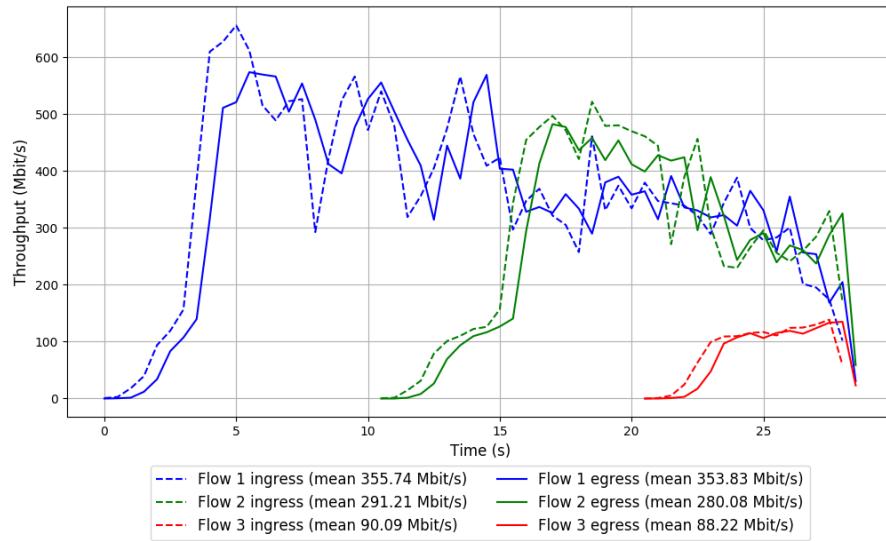


Run 3: Statistics of Indigo-MusesC5

```
Start at: 2019-10-03 12:49:07
End at: 2019-10-03 12:49:37
Local clock offset: -0.133 ms
Remote clock offset: -0.335 ms

# Below is generated by plot.py at 2019-10-03 15:47:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 549.95 Mbit/s
95th percentile per-packet one-way delay: 272.937 ms
Loss rate: 2.90%
-- Flow 1:
Average throughput: 353.83 Mbit/s
95th percentile per-packet one-way delay: 238.581 ms
Loss rate: 1.49%
-- Flow 2:
Average throughput: 280.08 Mbit/s
95th percentile per-packet one-way delay: 291.717 ms
Loss rate: 5.30%
-- Flow 3:
Average throughput: 88.22 Mbit/s
95th percentile per-packet one-way delay: 134.760 ms
Loss rate: 5.56%
```

Run 3: Report of Indigo-MusesC5 — Data Link

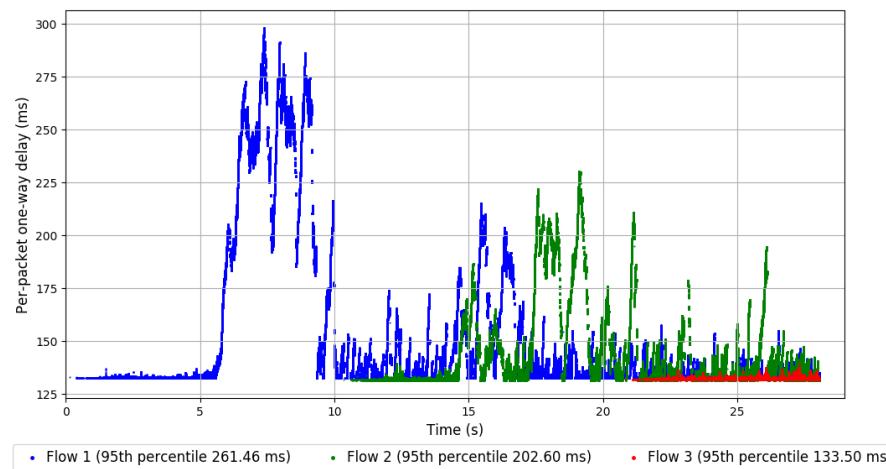
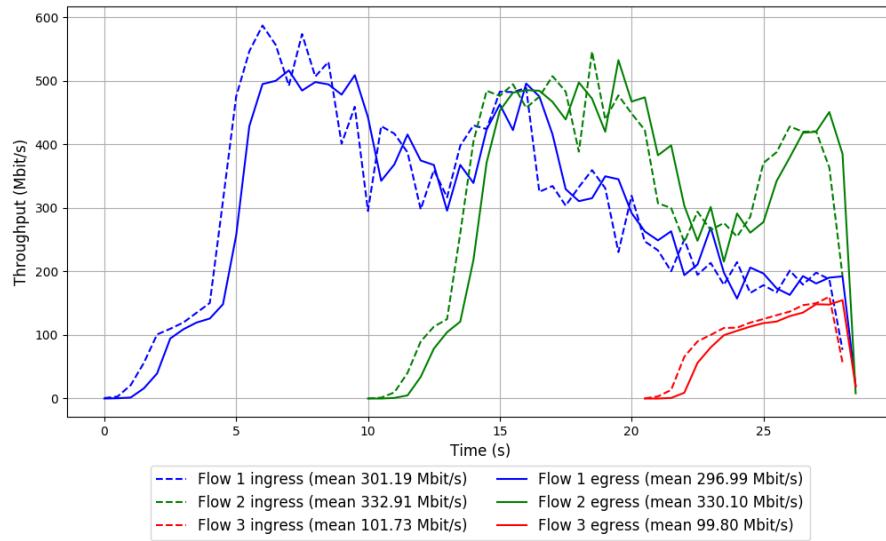


Run 4: Statistics of Indigo-MusesC5

```
Start at: 2019-10-03 13:31:54
End at: 2019-10-03 13:32:24
Local clock offset: -0.432 ms
Remote clock offset: -0.056 ms

# Below is generated by plot.py at 2019-10-03 15:48:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 532.06 Mbit/s
95th percentile per-packet one-way delay: 249.121 ms
Loss rate: 2.39%
-- Flow 1:
Average throughput: 296.99 Mbit/s
95th percentile per-packet one-way delay: 261.465 ms
Loss rate: 2.24%
-- Flow 2:
Average throughput: 330.10 Mbit/s
95th percentile per-packet one-way delay: 202.602 ms
Loss rate: 2.24%
-- Flow 3:
Average throughput: 99.80 Mbit/s
95th percentile per-packet one-way delay: 133.496 ms
Loss rate: 5.38%
```

Run 4: Report of Indigo-MusesC5 — Data Link

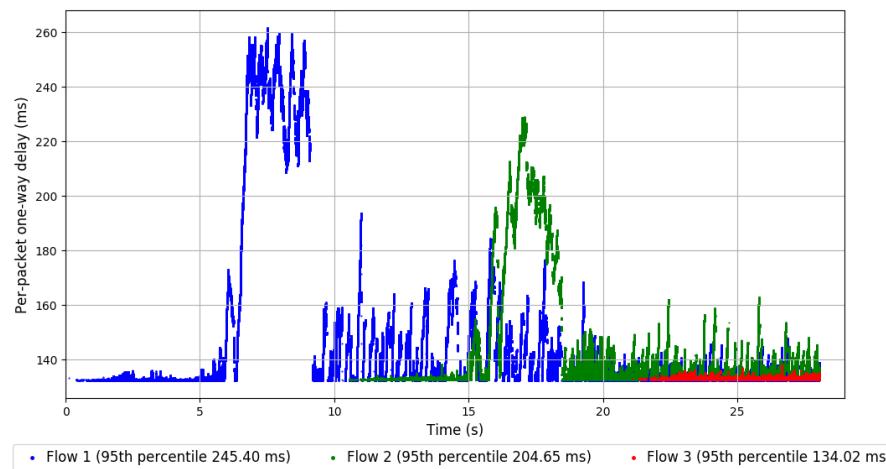
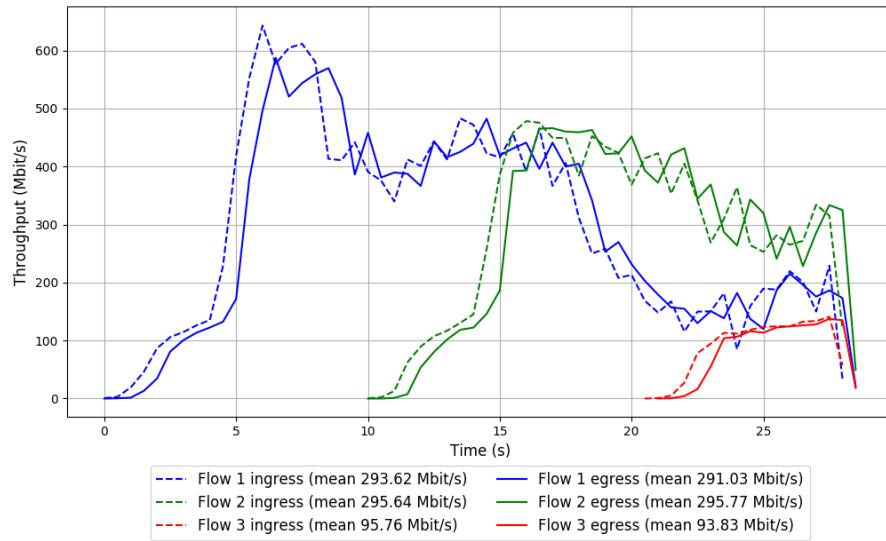


Run 5: Statistics of Indigo-MusesC5

```
Start at: 2019-10-03 14:14:40
End at: 2019-10-03 14:15:10
Local clock offset: -0.526 ms
Remote clock offset: -0.119 ms

# Below is generated by plot.py at 2019-10-03 15:49:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 502.70 Mbit/s
95th percentile per-packet one-way delay: 238.334 ms
Loss rate: 1.84%
-- Flow 1:
Average throughput: 291.03 Mbit/s
95th percentile per-packet one-way delay: 245.398 ms
Loss rate: 1.78%
-- Flow 2:
Average throughput: 295.77 Mbit/s
95th percentile per-packet one-way delay: 204.653 ms
Loss rate: 1.44%
-- Flow 3:
Average throughput: 93.83 Mbit/s
95th percentile per-packet one-way delay: 134.018 ms
Loss rate: 5.63%
```

Run 5: Report of Indigo-MusesC5 — Data Link

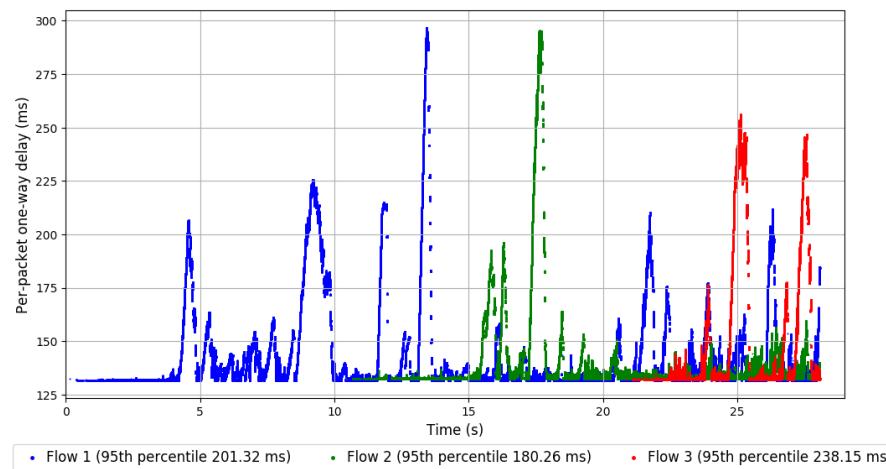
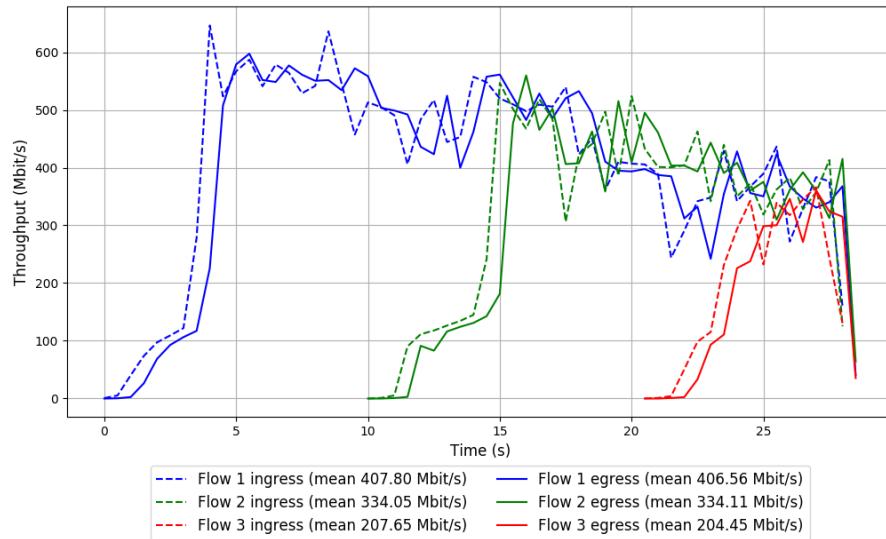


Run 1: Statistics of Indigo-MusesD

```
Start at: 2019-10-03 10:46:28
End at: 2019-10-03 10:46:58
Local clock offset: -0.521 ms
Remote clock offset: -0.083 ms

# Below is generated by plot.py at 2019-10-03 15:55:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 670.42 Mbit/s
95th percentile per-packet one-way delay: 203.176 ms
Loss rate: 1.62%
-- Flow 1:
Average throughput: 406.56 Mbit/s
95th percentile per-packet one-way delay: 201.325 ms
Loss rate: 1.25%
-- Flow 2:
Average throughput: 334.11 Mbit/s
95th percentile per-packet one-way delay: 180.259 ms
Loss rate: 1.46%
-- Flow 3:
Average throughput: 204.45 Mbit/s
95th percentile per-packet one-way delay: 238.154 ms
Loss rate: 5.04%
```

Run 1: Report of Indigo-MusesD — Data Link

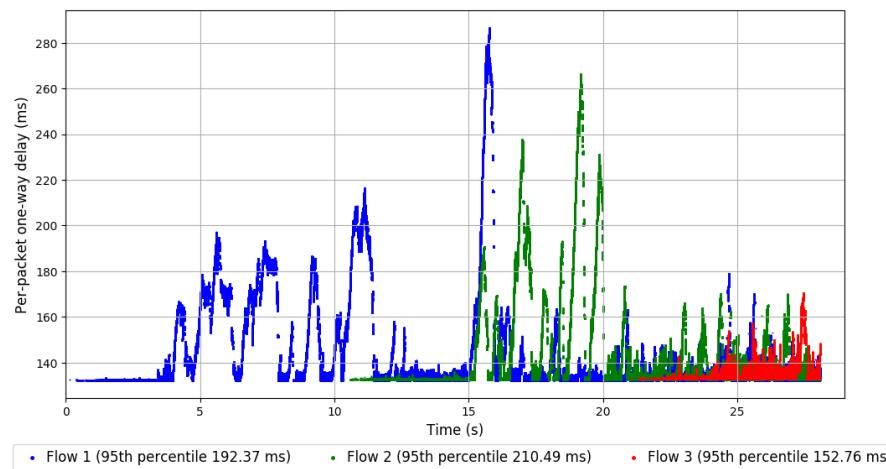
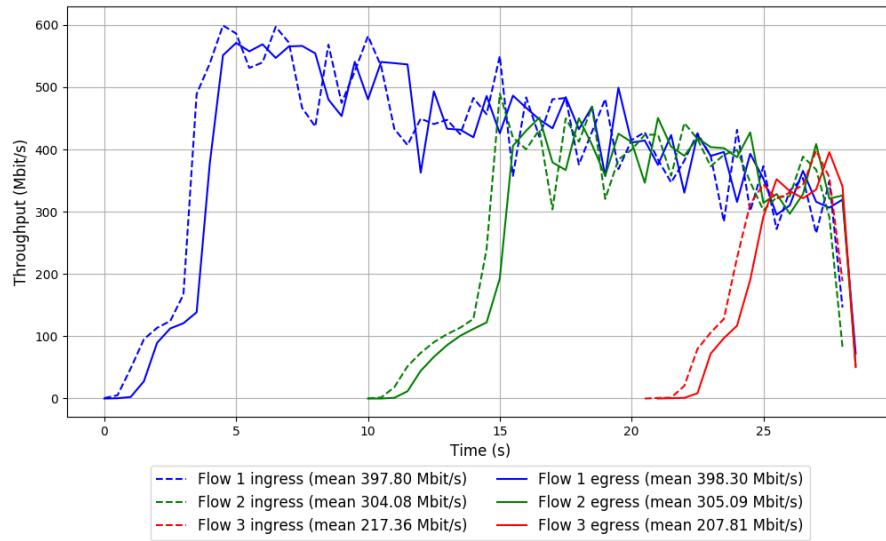


Run 2: Statistics of Indigo-MusesD

```
Start at: 2019-10-03 11:29:55
End at: 2019-10-03 11:30:25
Local clock offset: -0.23 ms
Remote clock offset: -0.047 ms

# Below is generated by plot.py at 2019-10-03 15:57:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 644.10 Mbit/s
95th percentile per-packet one-way delay: 194.038 ms
Loss rate: 1.52%
-- Flow 1:
Average throughput: 398.30 Mbit/s
95th percentile per-packet one-way delay: 192.369 ms
Loss rate: 0.82%
-- Flow 2:
Average throughput: 305.09 Mbit/s
95th percentile per-packet one-way delay: 210.485 ms
Loss rate: 1.15%
-- Flow 3:
Average throughput: 207.81 Mbit/s
95th percentile per-packet one-way delay: 152.756 ms
Loss rate: 7.82%
```

Run 2: Report of Indigo-MusesD — Data Link

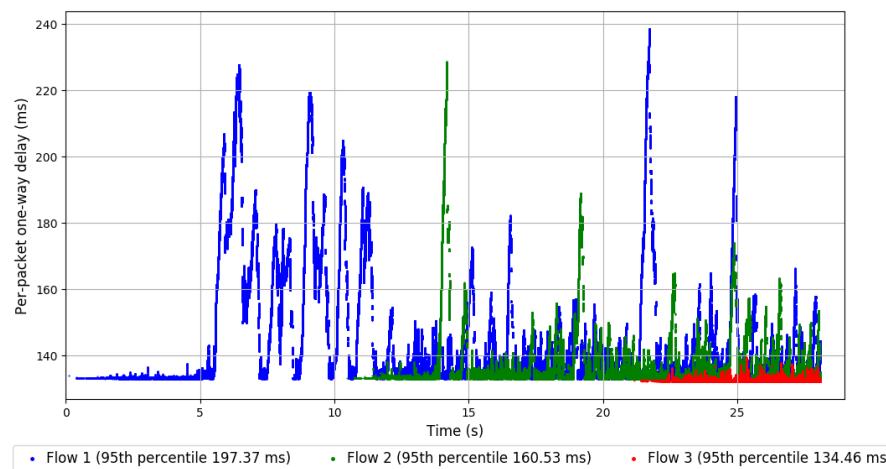
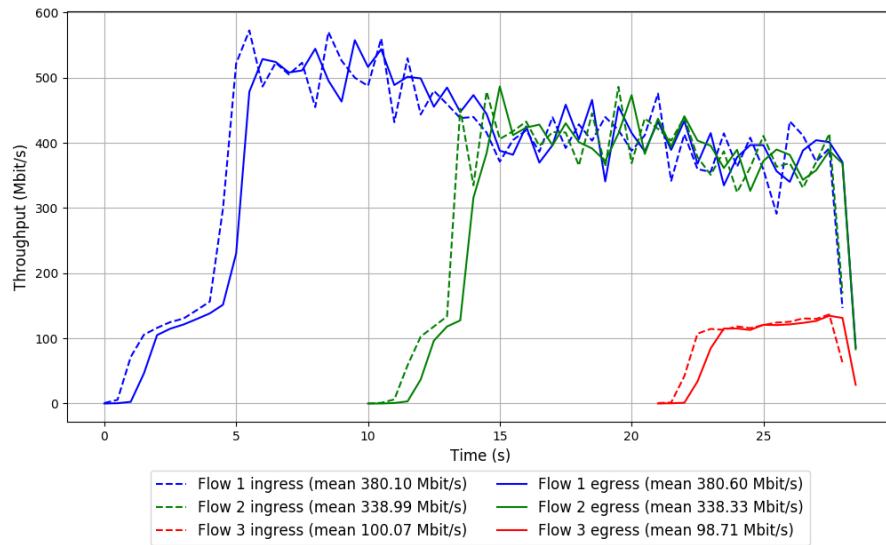


Run 3: Statistics of Indigo-MusesD

```
Start at: 2019-10-03 12:12:48
End at: 2019-10-03 12:13:18
Local clock offset: 0.382 ms
Remote clock offset: -0.061 ms

# Below is generated by plot.py at 2019-10-03 15:57:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 618.35 Mbit/s
95th percentile per-packet one-way delay: 185.389 ms
Loss rate: 1.28%
-- Flow 1:
Average throughput: 380.60 Mbit/s
95th percentile per-packet one-way delay: 197.369 ms
Loss rate: 0.81%
-- Flow 2:
Average throughput: 338.33 Mbit/s
95th percentile per-packet one-way delay: 160.526 ms
Loss rate: 1.68%
-- Flow 3:
Average throughput: 98.71 Mbit/s
95th percentile per-packet one-way delay: 134.463 ms
Loss rate: 4.97%
```

Run 3: Report of Indigo-MusesD — Data Link

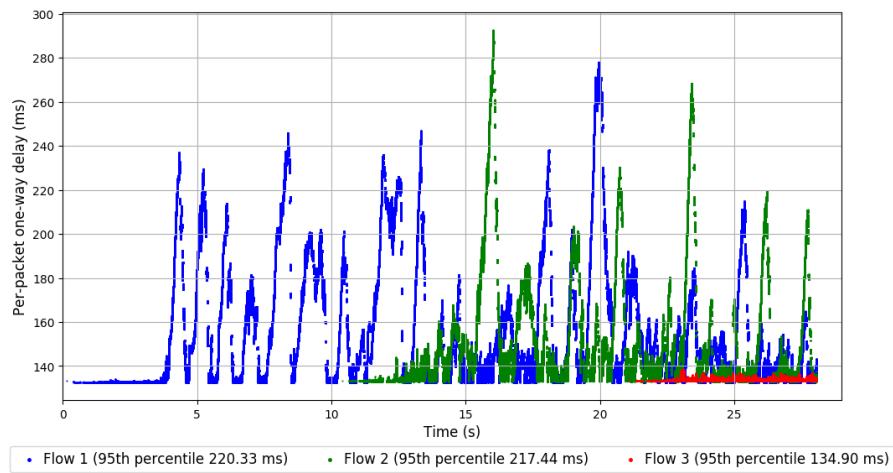
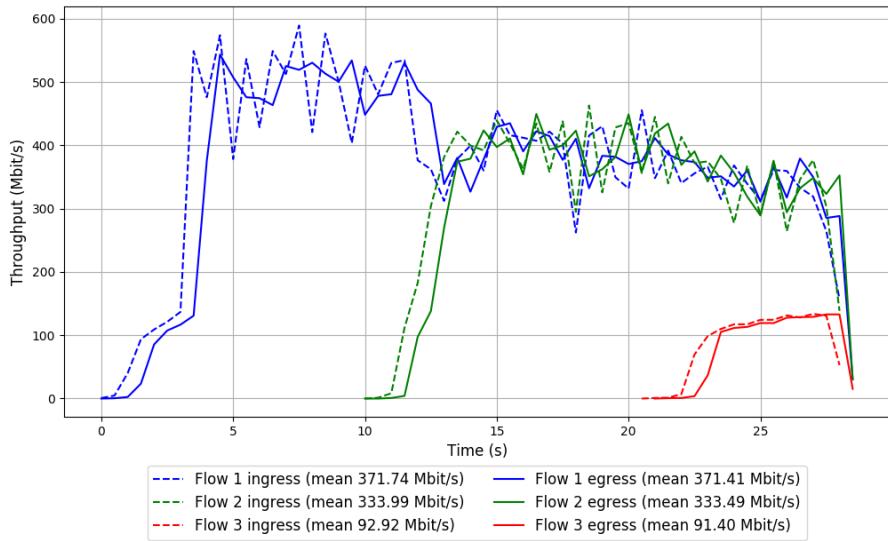


Run 4: Statistics of Indigo-MusesD

```
Start at: 2019-10-03 12:55:52
End at: 2019-10-03 12:56:22
Local clock offset: 0.294 ms
Remote clock offset: 0.026 ms

# Below is generated by plot.py at 2019-10-03 15:57:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 605.19 Mbit/s
95th percentile per-packet one-way delay: 218.985 ms
Loss rate: 1.41%
-- Flow 1:
Average throughput: 371.41 Mbit/s
95th percentile per-packet one-way delay: 220.331 ms
Loss rate: 1.04%
-- Flow 2:
Average throughput: 333.49 Mbit/s
95th percentile per-packet one-way delay: 217.440 ms
Loss rate: 1.63%
-- Flow 3:
Average throughput: 91.40 Mbit/s
95th percentile per-packet one-way delay: 134.904 ms
Loss rate: 5.26%
```

Run 4: Report of Indigo-MusesD — Data Link

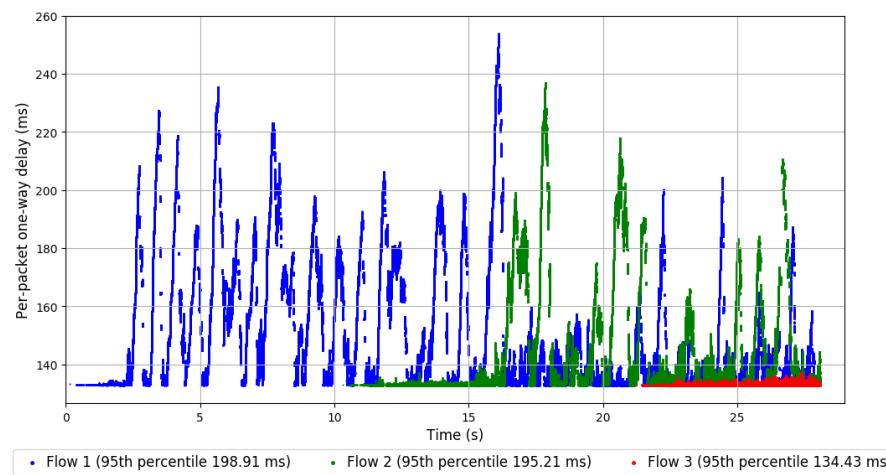
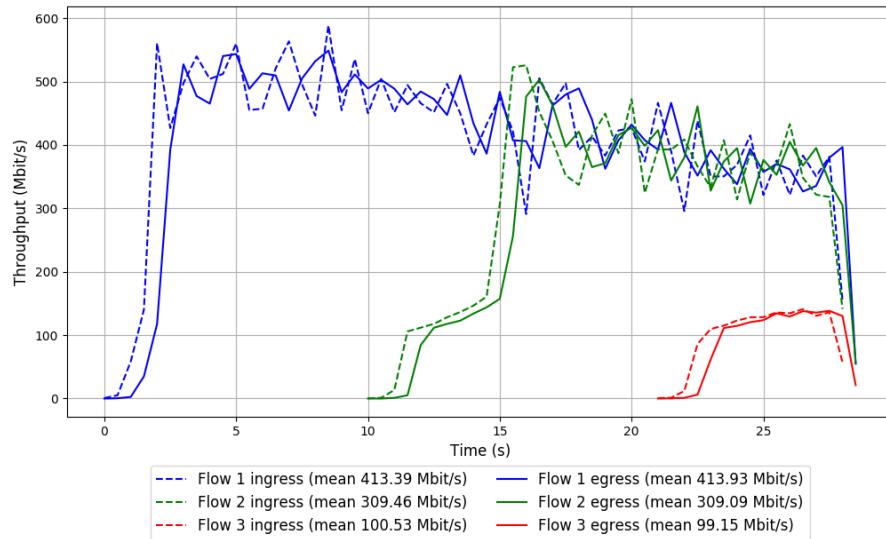


Run 5: Statistics of Indigo-MusesD

```
Start at: 2019-10-03 13:38:55
End at: 2019-10-03 13:39:25
Local clock offset: -0.088 ms
Remote clock offset: -0.052 ms

# Below is generated by plot.py at 2019-10-03 15:58:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 634.80 Mbit/s
95th percentile per-packet one-way delay: 197.324 ms
Loss rate: 1.25%
-- Flow 1:
Average throughput: 413.93 Mbit/s
95th percentile per-packet one-way delay: 198.905 ms
Loss rate: 0.84%
-- Flow 2:
Average throughput: 309.09 Mbit/s
95th percentile per-packet one-way delay: 195.212 ms
Loss rate: 1.61%
-- Flow 3:
Average throughput: 99.15 Mbit/s
95th percentile per-packet one-way delay: 134.426 ms
Loss rate: 5.07%
```

Run 5: Report of Indigo-MusesD — Data Link

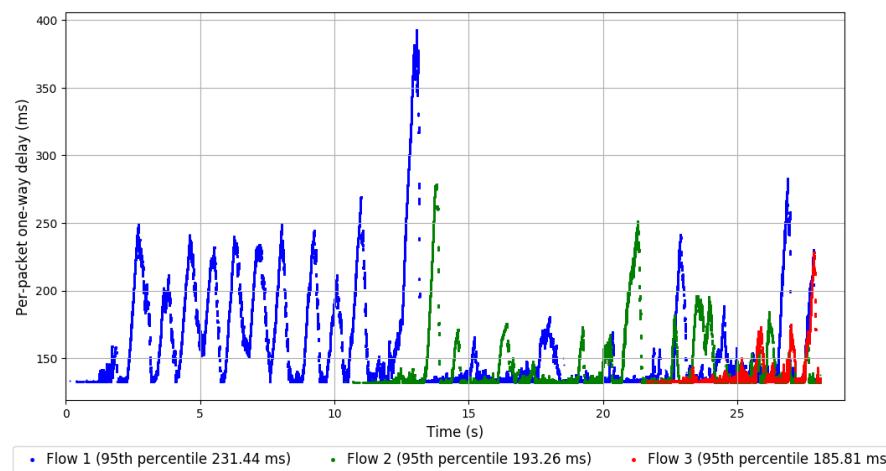
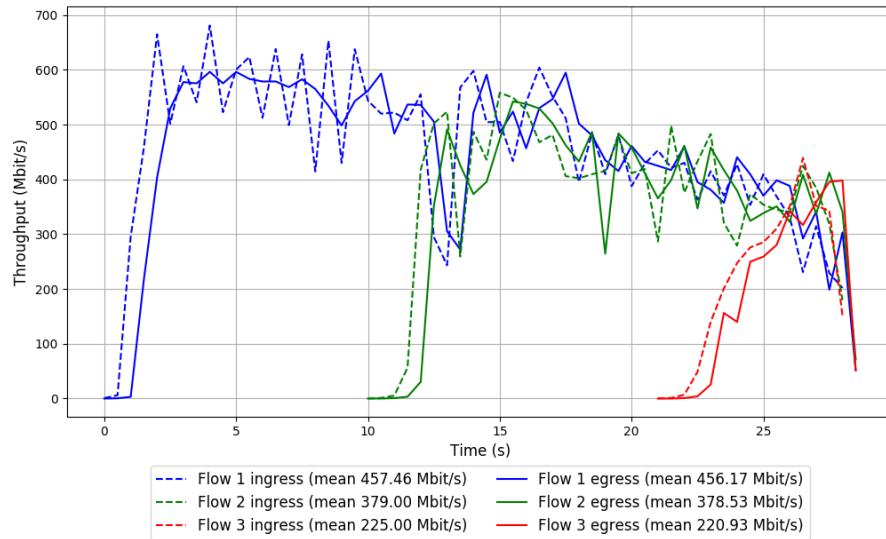


Run 1: Statistics of Indigo-MusesT

```
Start at: 2019-10-03 11:07:05
End at: 2019-10-03 11:07:35
Local clock offset: -0.09 ms
Remote clock offset: -0.071 ms

# Below is generated by plot.py at 2019-10-03 16:03:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 748.88 Mbit/s
95th percentile per-packet one-way delay: 227.256 ms
Loss rate: 1.67%
-- Flow 1:
Average throughput: 456.17 Mbit/s
95th percentile per-packet one-way delay: 231.445 ms
Loss rate: 1.23%
-- Flow 2:
Average throughput: 378.53 Mbit/s
95th percentile per-packet one-way delay: 193.261 ms
Loss rate: 1.60%
-- Flow 3:
Average throughput: 220.93 Mbit/s
95th percentile per-packet one-way delay: 185.805 ms
Loss rate: 5.54%
```

Run 1: Report of Indigo-MusesT — Data Link

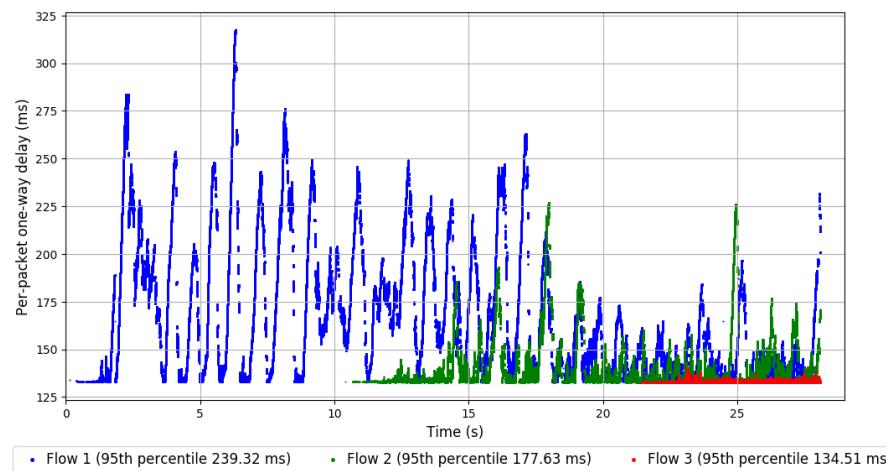
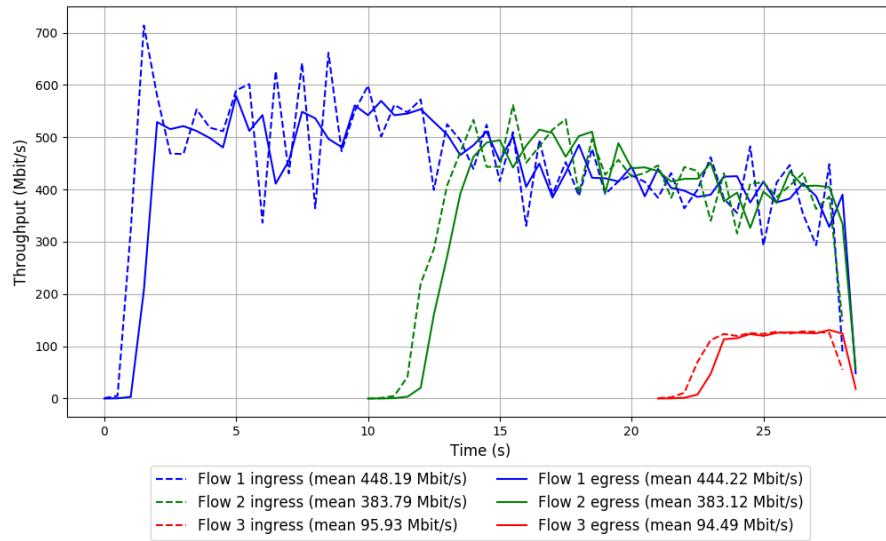


Run 2: Statistics of Indigo-MusesT

```
Start at: 2019-10-03 11:50:15
End at: 2019-10-03 11:50:45
Local clock offset: -0.019 ms
Remote clock offset: -0.033 ms

# Below is generated by plot.py at 2019-10-03 16:03:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 709.86 Mbit/s
95th percentile per-packet one-way delay: 231.256 ms
Loss rate: 1.88%
-- Flow 1:
Average throughput: 444.22 Mbit/s
95th percentile per-packet one-way delay: 239.322 ms
Loss rate: 1.83%
-- Flow 2:
Average throughput: 383.12 Mbit/s
95th percentile per-packet one-way delay: 177.635 ms
Loss rate: 1.66%
-- Flow 3:
Average throughput: 94.49 Mbit/s
95th percentile per-packet one-way delay: 134.511 ms
Loss rate: 5.14%
```

Run 2: Report of Indigo-MusesT — Data Link

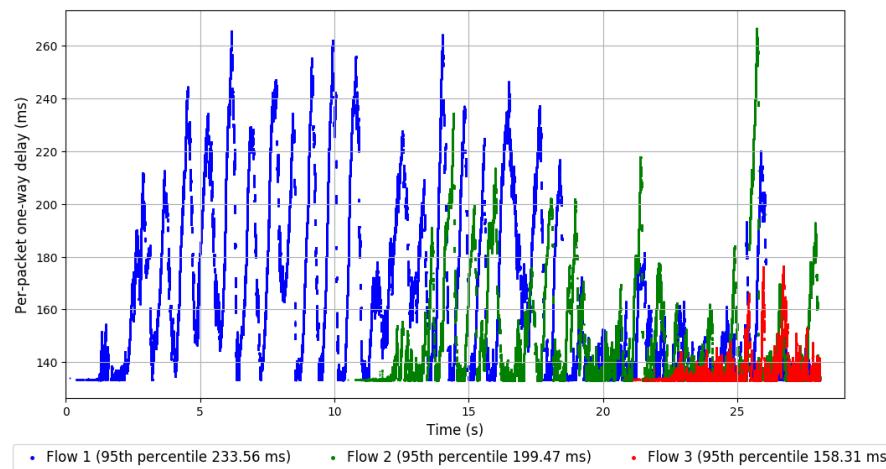
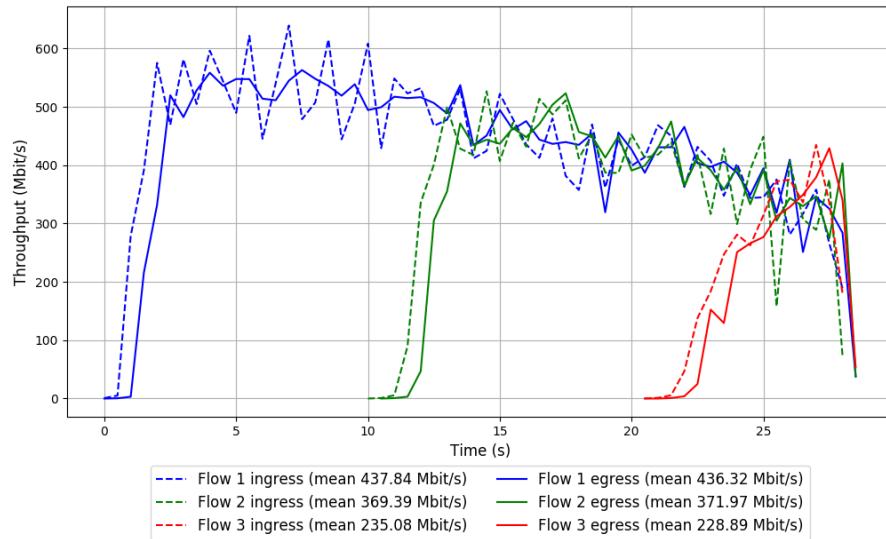


Run 3: Statistics of Indigo-MusesT

```
Start at: 2019-10-03 12:33:29
End at: 2019-10-03 12:33:59
Local clock offset: 0.443 ms
Remote clock offset: 0.036 ms

# Below is generated by plot.py at 2019-10-03 16:05:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 729.12 Mbit/s
95th percentile per-packet one-way delay: 227.004 ms
Loss rate: 1.56%
-- Flow 1:
Average throughput: 436.32 Mbit/s
95th percentile per-packet one-way delay: 233.560 ms
Loss rate: 1.30%
-- Flow 2:
Average throughput: 371.97 Mbit/s
95th percentile per-packet one-way delay: 199.469 ms
Loss rate: 0.81%
-- Flow 3:
Average throughput: 228.89 Mbit/s
95th percentile per-packet one-way delay: 158.313 ms
Loss rate: 6.19%
```

Run 3: Report of Indigo-MusesT — Data Link

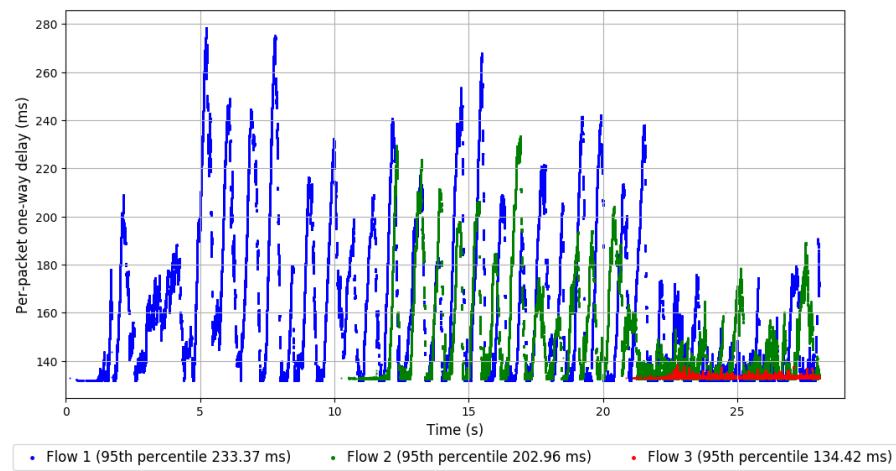
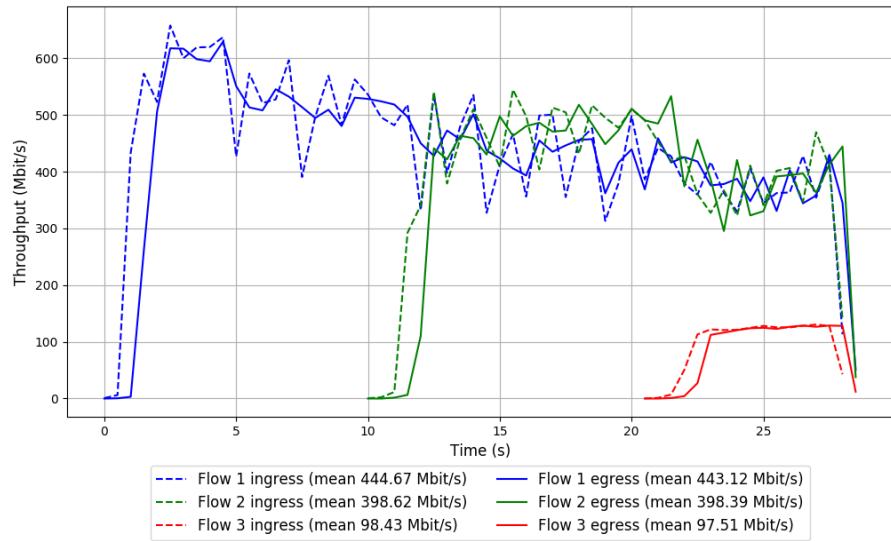


Run 4: Statistics of Indigo-MusesT

```
Start at: 2019-10-03 13:16:05
End at: 2019-10-03 13:16:35
Local clock offset: 0.061 ms
Remote clock offset: 0.023 ms

# Below is generated by plot.py at 2019-10-03 16:10:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 722.14 Mbit/s
95th percentile per-packet one-way delay: 224.851 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 443.12 Mbit/s
95th percentile per-packet one-way delay: 233.373 ms
Loss rate: 1.29%
-- Flow 2:
Average throughput: 398.39 Mbit/s
95th percentile per-packet one-way delay: 202.957 ms
Loss rate: 1.52%
-- Flow 3:
Average throughput: 97.51 Mbit/s
95th percentile per-packet one-way delay: 134.421 ms
Loss rate: 4.48%
```

Run 4: Report of Indigo-MusesT — Data Link

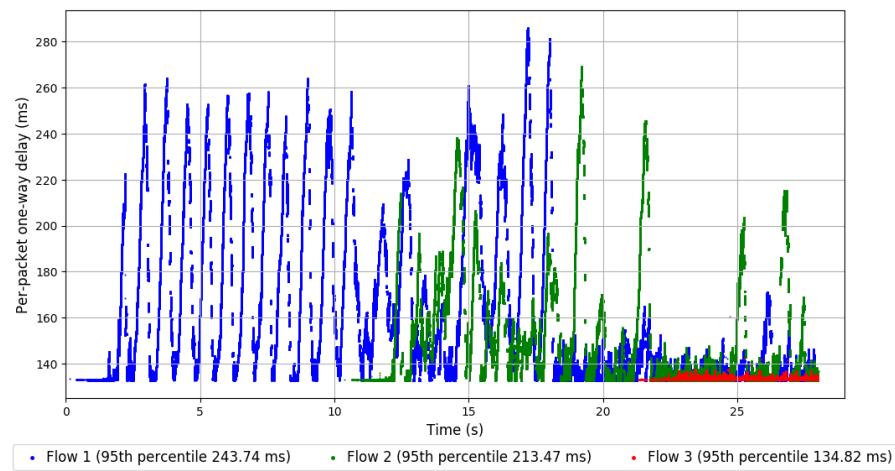
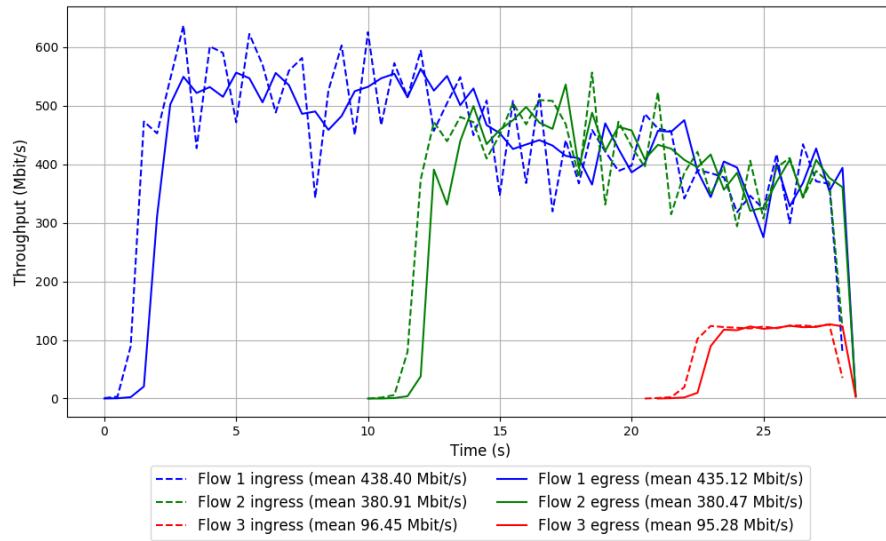


Run 5: Statistics of Indigo-MusesT

```
Start at: 2019-10-03 13:59:01
End at: 2019-10-03 13:59:31
Local clock offset: -0.102 ms
Remote clock offset: -0.034 ms

# Below is generated by plot.py at 2019-10-03 16:12:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 699.31 Mbit/s
95th percentile per-packet one-way delay: 238.676 ms
Loss rate: 1.78%
-- Flow 1:
Average throughput: 435.12 Mbit/s
95th percentile per-packet one-way delay: 243.738 ms
Loss rate: 1.70%
-- Flow 2:
Average throughput: 380.47 Mbit/s
95th percentile per-packet one-way delay: 213.468 ms
Loss rate: 1.59%
-- Flow 3:
Average throughput: 95.28 Mbit/s
95th percentile per-packet one-way delay: 134.820 ms
Loss rate: 4.89%
```

Run 5: Report of Indigo-MusesT — Data Link

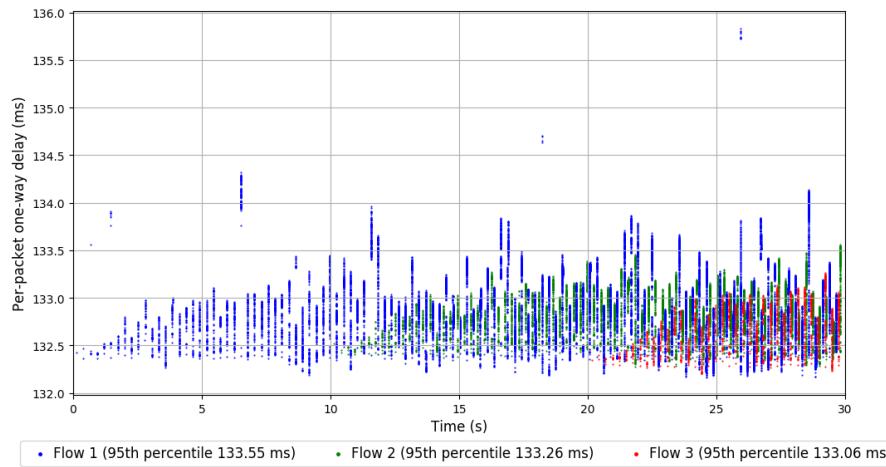
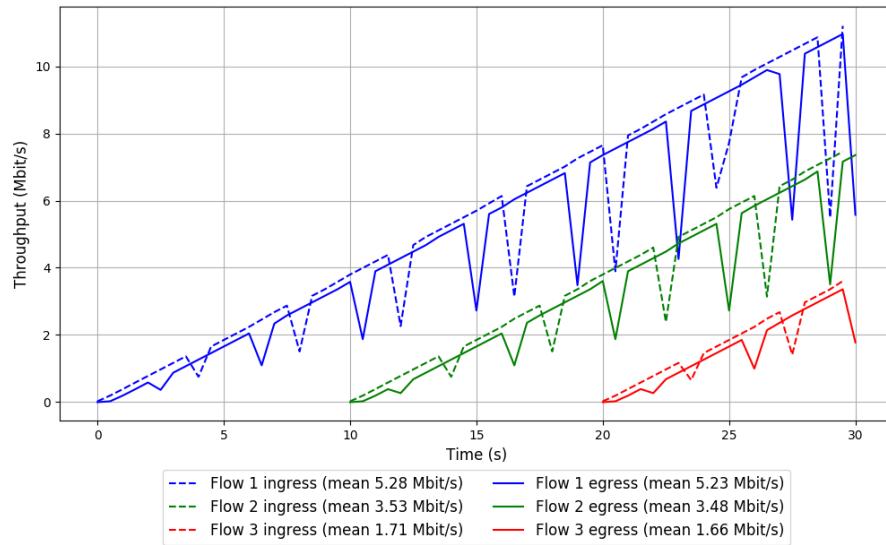


Run 1: Statistics of LEDBAT

```
Start at: 2019-10-03 10:43:10
End at: 2019-10-03 10:43:40
Local clock offset: -0.266 ms
Remote clock offset: 0.261 ms

# Below is generated by plot.py at 2019-10-03 16:12:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.05 Mbit/s
95th percentile per-packet one-way delay: 133.442 ms
Loss rate: 2.29%
-- Flow 1:
Average throughput: 5.23 Mbit/s
95th percentile per-packet one-way delay: 133.551 ms
Loss rate: 1.79%
-- Flow 2:
Average throughput: 3.48 Mbit/s
95th percentile per-packet one-way delay: 133.257 ms
Loss rate: 2.67%
-- Flow 3:
Average throughput: 1.66 Mbit/s
95th percentile per-packet one-way delay: 133.059 ms
Loss rate: 5.42%
```

Run 1: Report of LEDBAT — Data Link

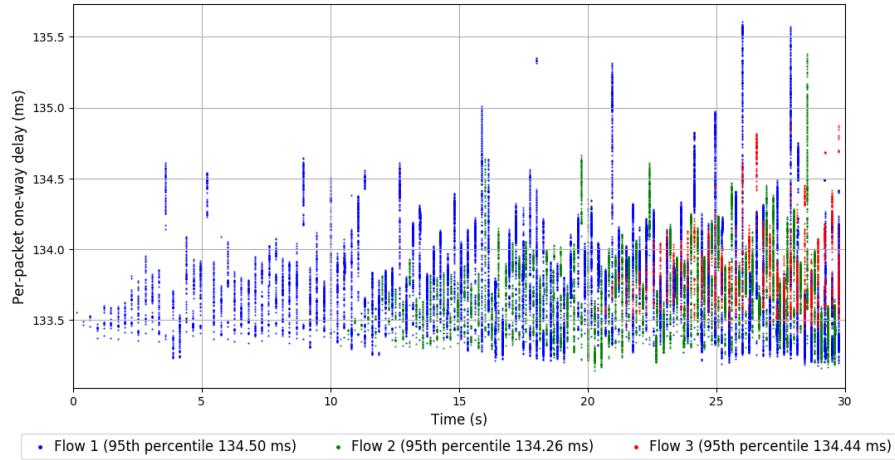
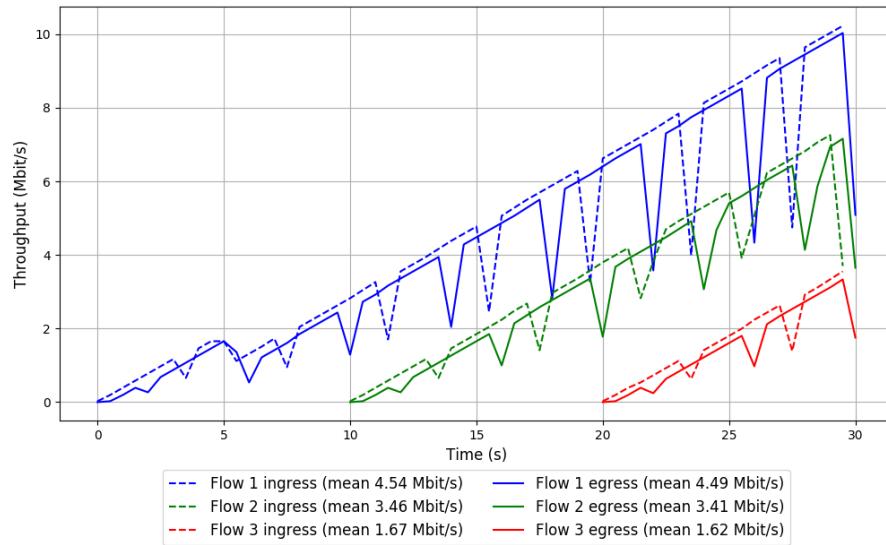


Run 2: Statistics of LEDBAT

```
Start at: 2019-10-03 11:26:21
End at: 2019-10-03 11:26:51
Local clock offset: -0.046 ms
Remote clock offset: -0.396 ms

# Below is generated by plot.py at 2019-10-03 16:12:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.26 Mbit/s
95th percentile per-packet one-way delay: 134.421 ms
Loss rate: 2.48%
-- Flow 1:
Average throughput: 4.49 Mbit/s
95th percentile per-packet one-way delay: 134.504 ms
Loss rate: 2.00%
-- Flow 2:
Average throughput: 3.41 Mbit/s
95th percentile per-packet one-way delay: 134.260 ms
Loss rate: 2.71%
-- Flow 3:
Average throughput: 1.62 Mbit/s
95th percentile per-packet one-way delay: 134.445 ms
Loss rate: 5.46%
```

Run 2: Report of LEDBAT — Data Link

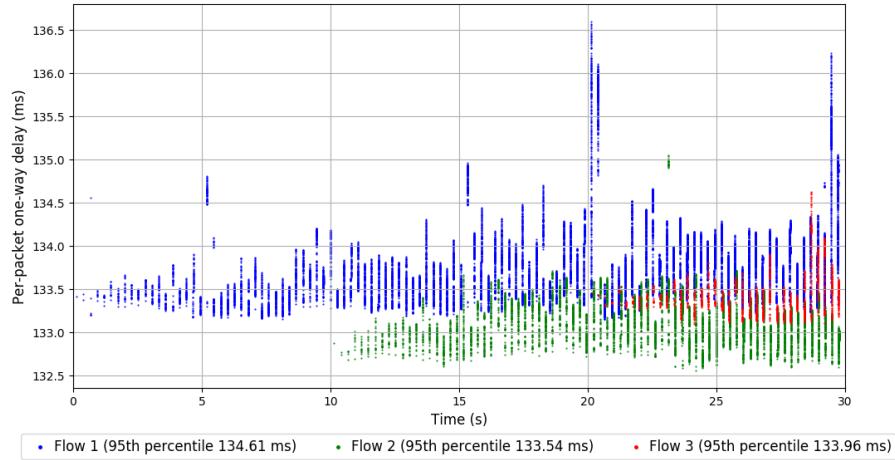
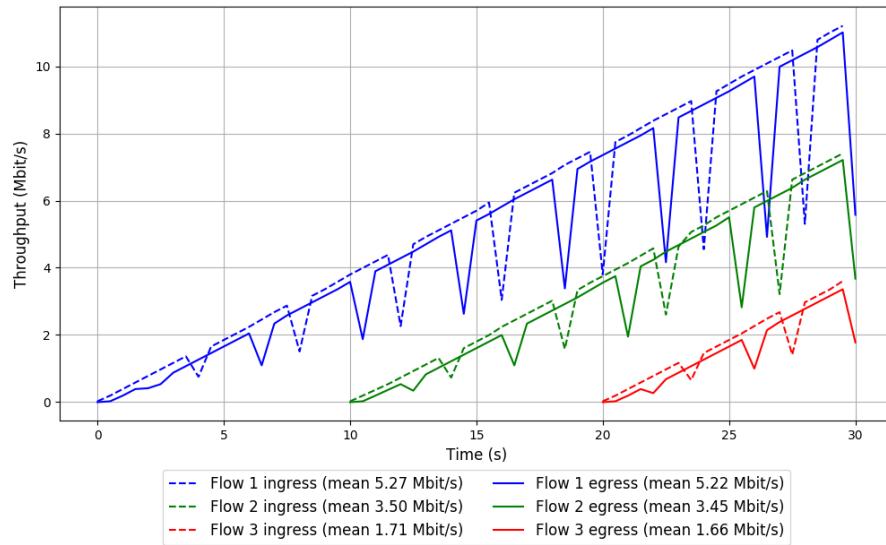


Run 3: Statistics of LEDBAT

```
Start at: 2019-10-03 12:09:29
End at: 2019-10-03 12:09:59
Local clock offset: 0.237 ms
Remote clock offset: -0.046 ms

# Below is generated by plot.py at 2019-10-03 16:12:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.04 Mbit/s
95th percentile per-packet one-way delay: 134.309 ms
Loss rate: 2.29%
-- Flow 1:
Average throughput: 5.22 Mbit/s
95th percentile per-packet one-way delay: 134.614 ms
Loss rate: 1.79%
-- Flow 2:
Average throughput: 3.45 Mbit/s
95th percentile per-packet one-way delay: 133.536 ms
Loss rate: 2.68%
-- Flow 3:
Average throughput: 1.66 Mbit/s
95th percentile per-packet one-way delay: 133.964 ms
Loss rate: 5.42%
```

Run 3: Report of LEDBAT — Data Link

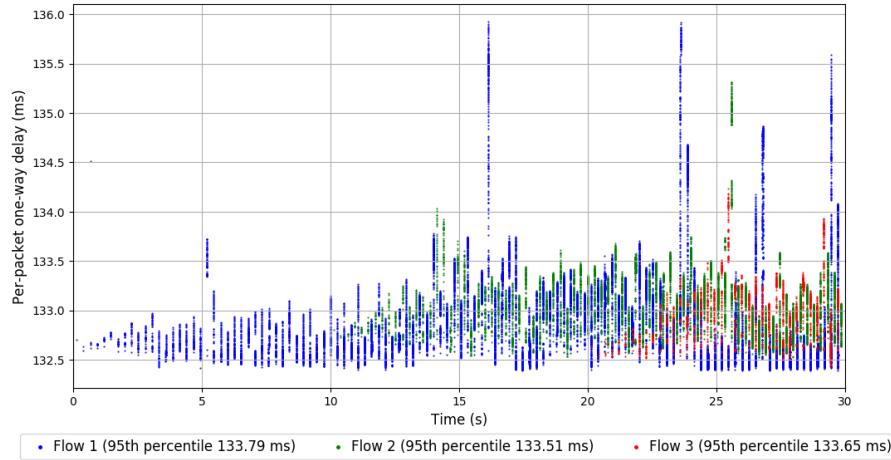
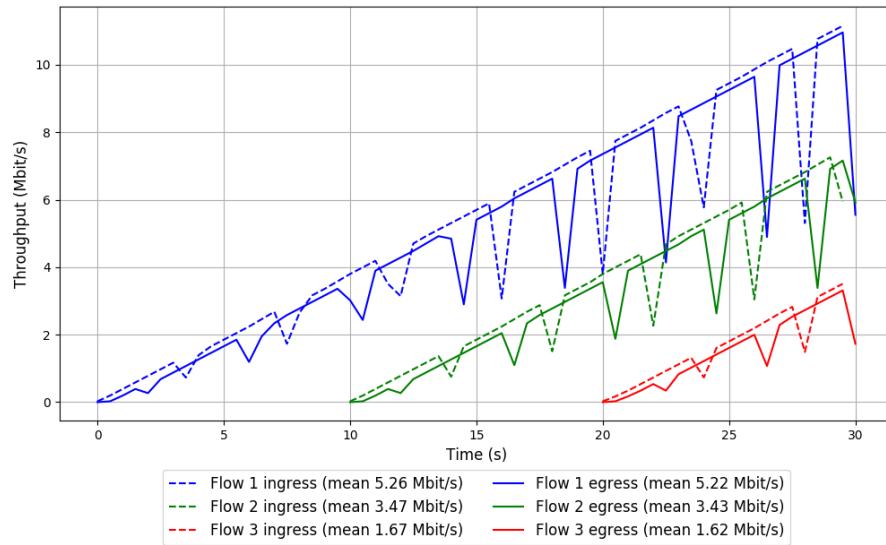


Run 4: Statistics of LEDBAT

```
Start at: 2019-10-03 12:52:32
End at: 2019-10-03 12:53:02
Local clock offset: 0.114 ms
Remote clock offset: 0.391 ms

# Below is generated by plot.py at 2019-10-03 16:12:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.99 Mbit/s
95th percentile per-packet one-way delay: 133.647 ms
Loss rate: 2.28%
-- Flow 1:
Average throughput: 5.22 Mbit/s
95th percentile per-packet one-way delay: 133.795 ms
Loss rate: 1.78%
-- Flow 2:
Average throughput: 3.43 Mbit/s
95th percentile per-packet one-way delay: 133.507 ms
Loss rate: 2.65%
-- Flow 3:
Average throughput: 1.62 Mbit/s
95th percentile per-packet one-way delay: 133.646 ms
Loss rate: 5.42%
```

Run 4: Report of LEDBAT — Data Link

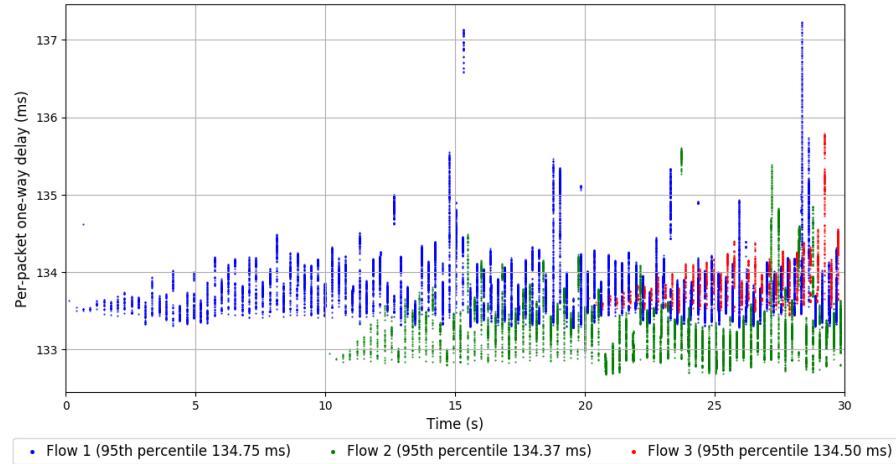
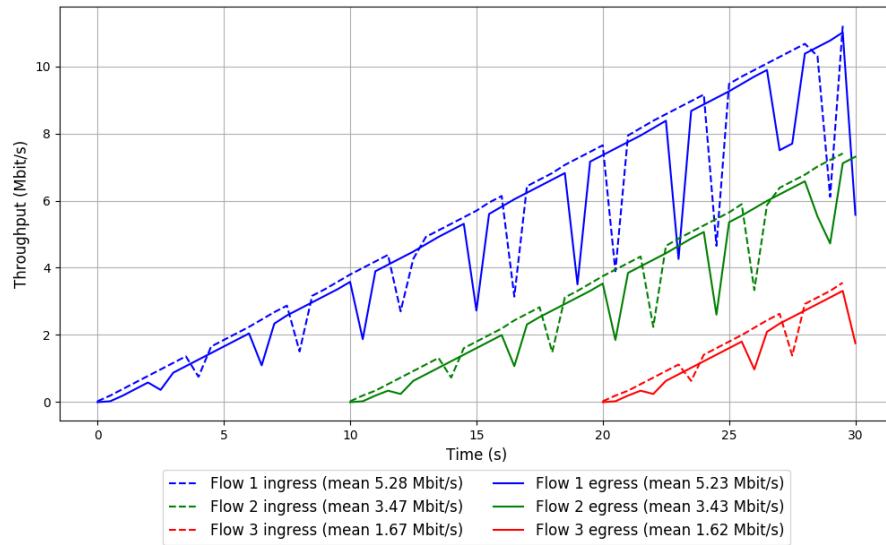


Run 5: Statistics of LEDBAT

```
Start at: 2019-10-03 13:35:37
End at: 2019-10-03 13:36:07
Local clock offset: 0.367 ms
Remote clock offset: -0.063 ms

# Below is generated by plot.py at 2019-10-03 16:12:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.00 Mbit/s
95th percentile per-packet one-way delay: 134.570 ms
Loss rate: 2.29%
-- Flow 1:
Average throughput: 5.23 Mbit/s
95th percentile per-packet one-way delay: 134.750 ms
Loss rate: 1.79%
-- Flow 2:
Average throughput: 3.43 Mbit/s
95th percentile per-packet one-way delay: 134.370 ms
Loss rate: 2.69%
-- Flow 3:
Average throughput: 1.62 Mbit/s
95th percentile per-packet one-way delay: 134.501 ms
Loss rate: 5.48%
```

Run 5: Report of LEDBAT — Data Link

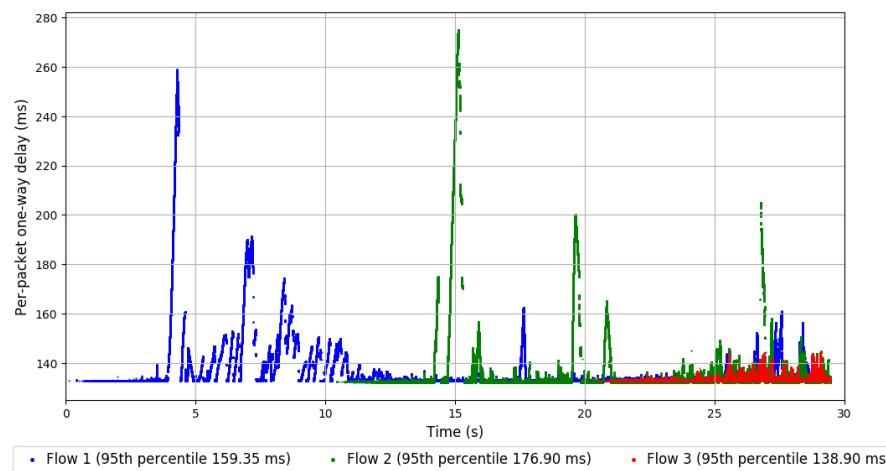
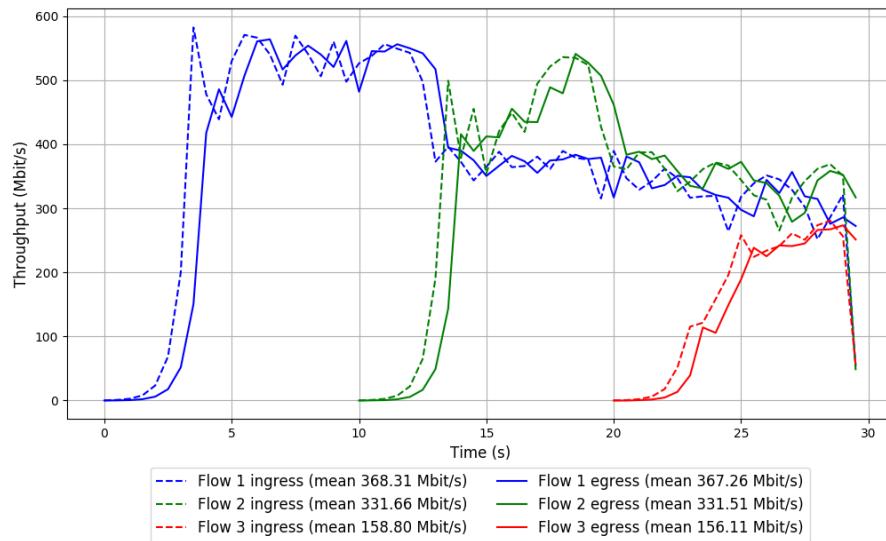


```
Run 1: Statistics of Muses\_DecisionTree

Start at: 2019-10-03 11:03:12
End at: 2019-10-03 11:03:42
Local clock offset: -0.253 ms
Remote clock offset: -0.105 ms

# Below is generated by plot.py at 2019-10-03 16:13:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 634.18 Mbit/s
95th percentile per-packet one-way delay: 160.666 ms
Loss rate: 1.53%
-- Flow 1:
Average throughput: 367.26 Mbit/s
95th percentile per-packet one-way delay: 159.354 ms
Loss rate: 1.18%
-- Flow 2:
Average throughput: 331.51 Mbit/s
95th percentile per-packet one-way delay: 176.897 ms
Loss rate: 1.40%
-- Flow 3:
Average throughput: 156.11 Mbit/s
95th percentile per-packet one-way delay: 138.901 ms
Loss rate: 4.55%
```

Run 1: Report of Muses_DecisionTree — Data Link

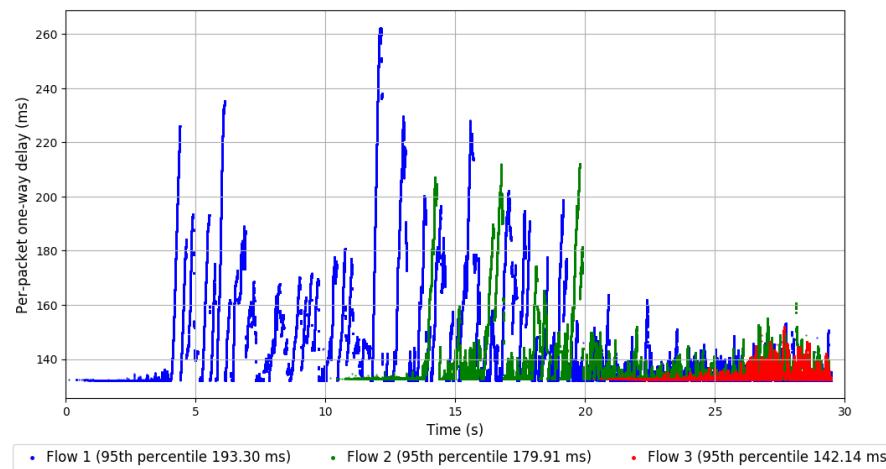
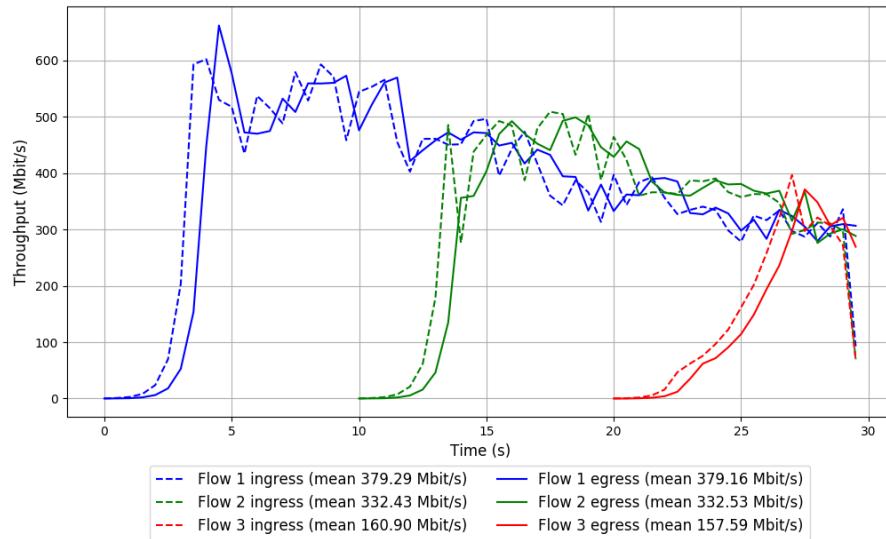


```
Run 2: Statistics of Muses\_DecisionTree

Start at: 2019-10-03 11:46:35
End at: 2019-10-03 11:47:05
Local clock offset: -0.231 ms
Remote clock offset: -0.051 ms

# Below is generated by plot.py at 2019-10-03 16:13:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 647.00 Mbit/s
95th percentile per-packet one-way delay: 188.283 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 379.16 Mbit/s
95th percentile per-packet one-way delay: 193.299 ms
Loss rate: 0.93%
-- Flow 2:
Average throughput: 332.53 Mbit/s
95th percentile per-packet one-way delay: 179.905 ms
Loss rate: 1.33%
-- Flow 3:
Average throughput: 157.59 Mbit/s
95th percentile per-packet one-way delay: 142.142 ms
Loss rate: 4.83%
```

Run 2: Report of Muses_DecisionTree — Data Link

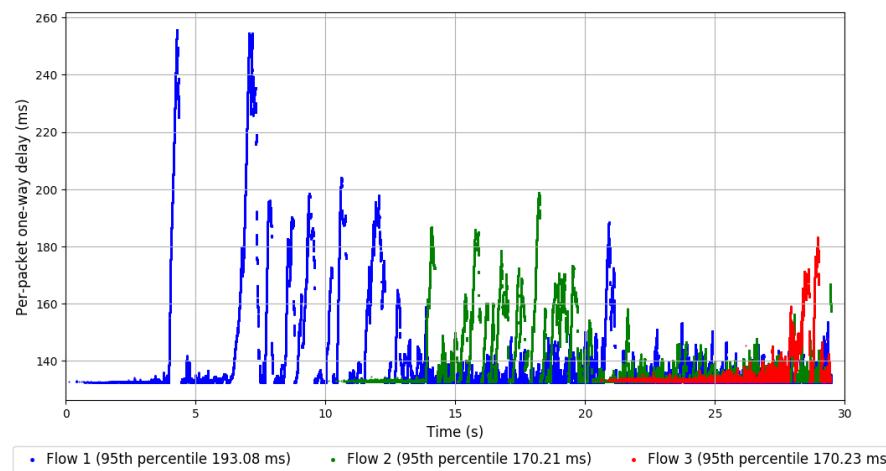
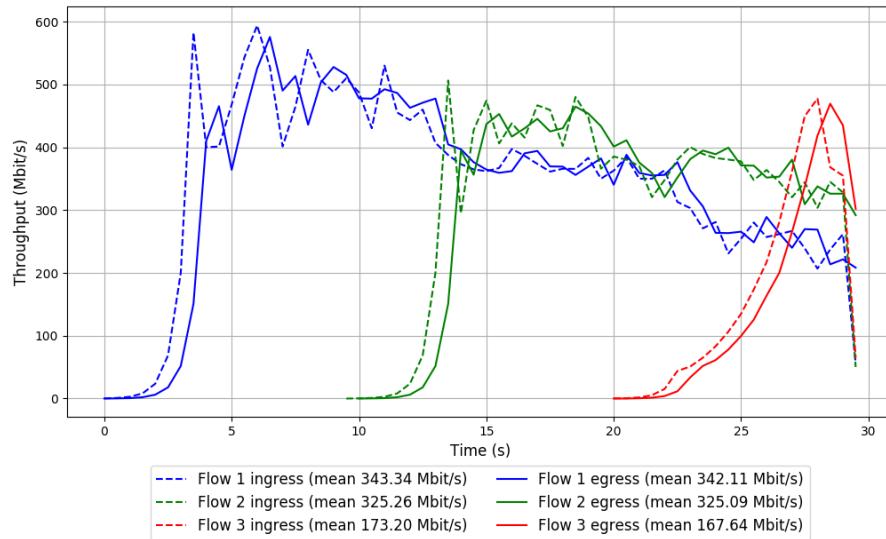


```
Run 3: Statistics of Muses\_DecisionTree

Start at: 2019-10-03 12:29:40
End at: 2019-10-03 12:30:10
Local clock offset: -0.175 ms
Remote clock offset: 0.019 ms

# Below is generated by plot.py at 2019-10-03 16:13:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 608.50 Mbit/s
95th percentile per-packet one-way delay: 185.536 ms
Loss rate: 1.74%
-- Flow 1:
Average throughput: 342.11 Mbit/s
95th percentile per-packet one-way delay: 193.081 ms
Loss rate: 1.25%
-- Flow 2:
Average throughput: 325.09 Mbit/s
95th percentile per-packet one-way delay: 170.213 ms
Loss rate: 1.41%
-- Flow 3:
Average throughput: 167.64 Mbit/s
95th percentile per-packet one-way delay: 170.226 ms
Loss rate: 6.06%
```

Run 3: Report of Muses_DecisionTree — Data Link

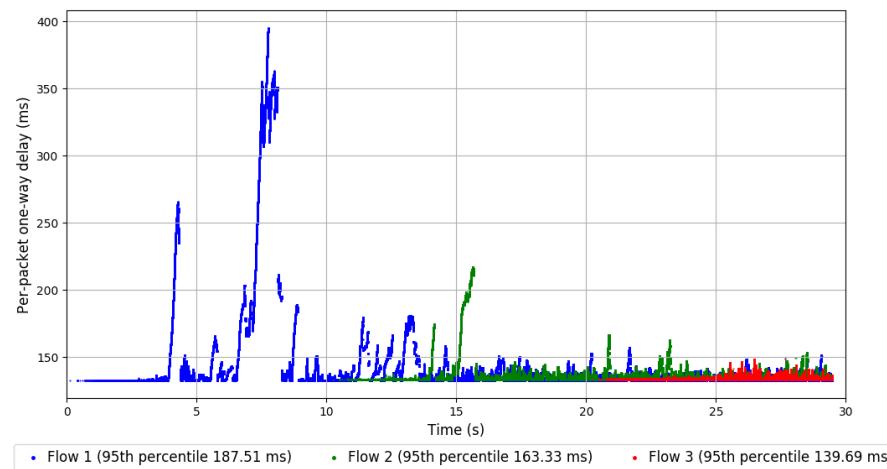
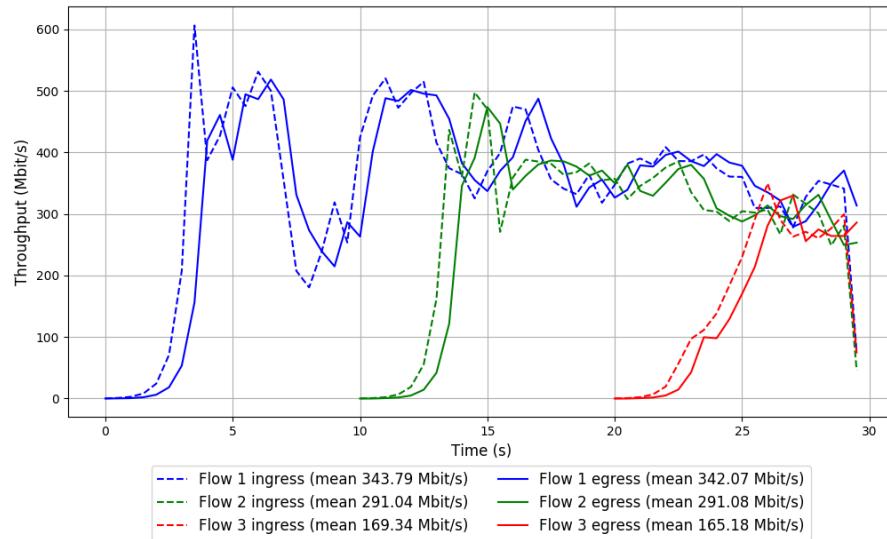


```
Run 4: Statistics of Muses\_DecisionTree

Start at: 2019-10-03 13:12:28
End at: 2019-10-03 13:12:58
Local clock offset: 0.511 ms
Remote clock offset: -0.008 ms

# Below is generated by plot.py at 2019-10-03 16:16:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 584.78 Mbit/s
95th percentile per-packet one-way delay: 178.478 ms
Loss rate: 1.76%
-- Flow 1:
Average throughput: 342.07 Mbit/s
95th percentile per-packet one-way delay: 187.510 ms
Loss rate: 1.43%
-- Flow 2:
Average throughput: 291.08 Mbit/s
95th percentile per-packet one-way delay: 163.326 ms
Loss rate: 1.36%
-- Flow 3:
Average throughput: 165.18 Mbit/s
95th percentile per-packet one-way delay: 139.694 ms
Loss rate: 5.22%
```

Run 4: Report of Muses_DecisionTree — Data Link

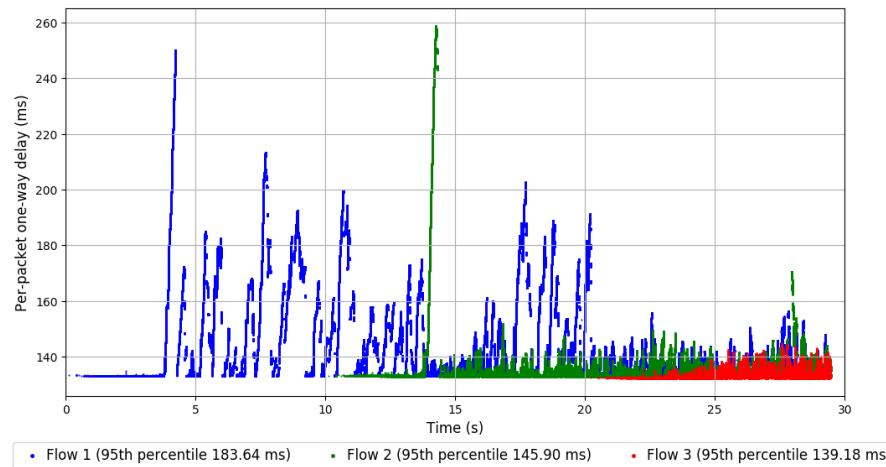
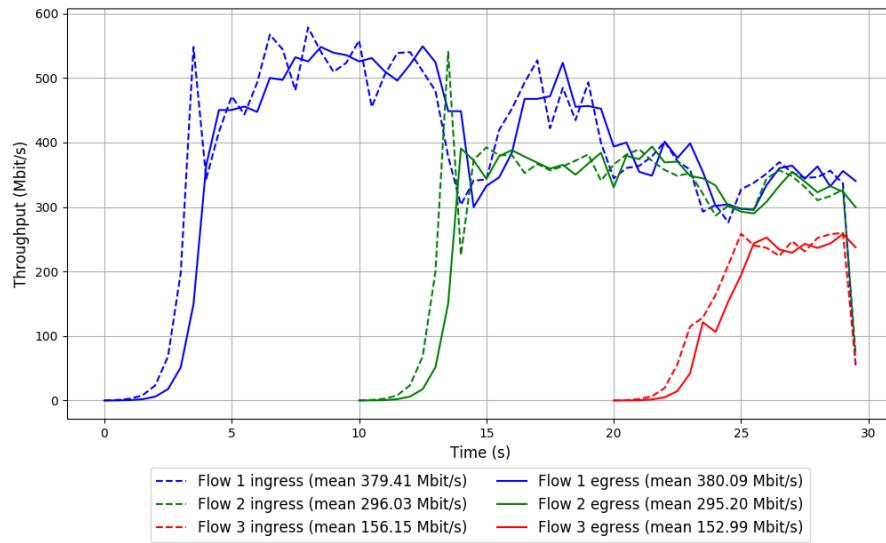


```
Run 5: Statistics of Muses\_DecisionTree

Start at: 2019-10-03 13:55:20
End at: 2019-10-03 13:55:50
Local clock offset: -0.148 ms
Remote clock offset: -0.097 ms

# Below is generated by plot.py at 2019-10-03 16:17:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 622.68 Mbit/s
95th percentile per-packet one-way delay: 180.416 ms
Loss rate: 1.35%
-- Flow 1:
Average throughput: 380.09 Mbit/s
95th percentile per-packet one-way delay: 183.642 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 295.20 Mbit/s
95th percentile per-packet one-way delay: 145.903 ms
Loss rate: 1.64%
-- Flow 3:
Average throughput: 152.99 Mbit/s
95th percentile per-packet one-way delay: 139.177 ms
Loss rate: 5.03%
```

Run 5: Report of Muses_DecisionTree — Data Link

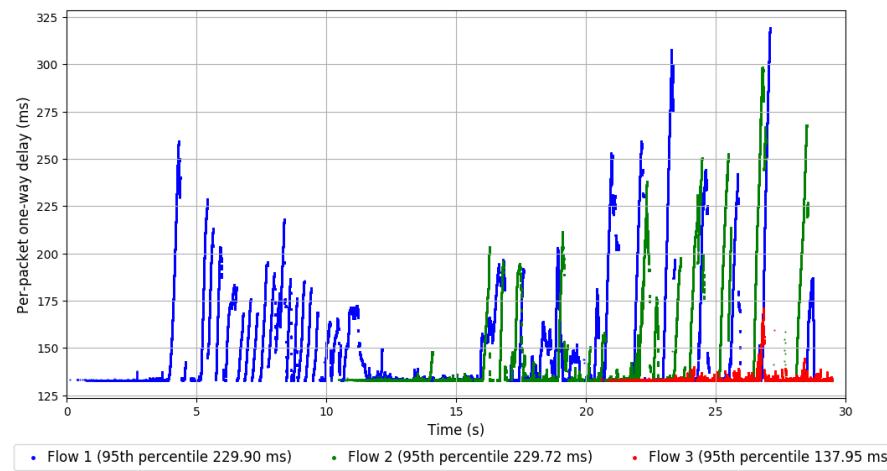
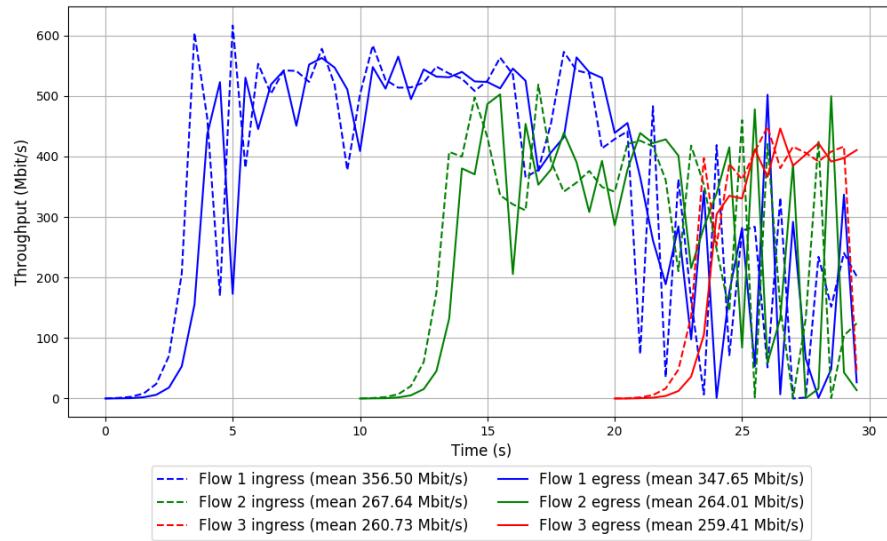


```
Run 1: Statistics of Muses\_DecisionTreeH0

Start at: 2019-10-03 11:05:10
End at: 2019-10-03 11:05:40
Local clock offset: 0.137 ms
Remote clock offset: -0.105 ms

# Below is generated by plot.py at 2019-10-03 16:19:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 602.24 Mbit/s
95th percentile per-packet one-way delay: 226.117 ms
Loss rate: 3.17%
-- Flow 1:
Average throughput: 347.65 Mbit/s
95th percentile per-packet one-way delay: 229.898 ms
Loss rate: 3.37%
-- Flow 2:
Average throughput: 264.01 Mbit/s
95th percentile per-packet one-way delay: 229.716 ms
Loss rate: 2.70%
-- Flow 3:
Average throughput: 259.41 Mbit/s
95th percentile per-packet one-way delay: 137.950 ms
Loss rate: 3.31%
```

Run 1: Report of Muses_DecisionTreeH0 — Data Link

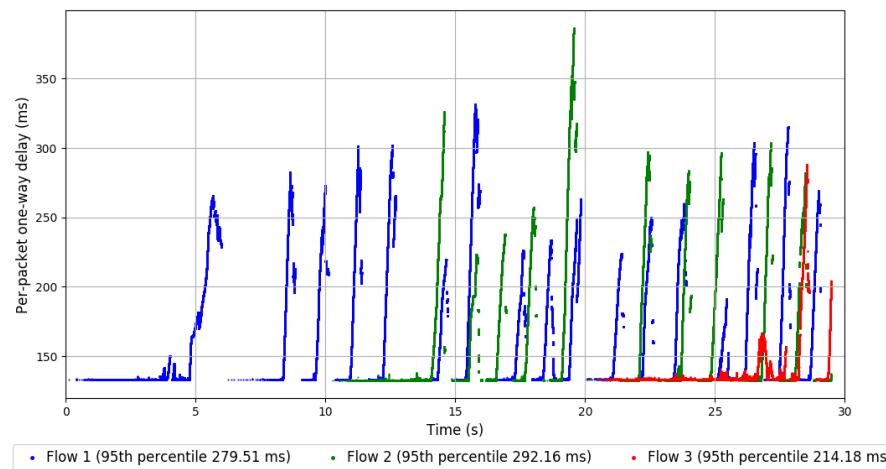
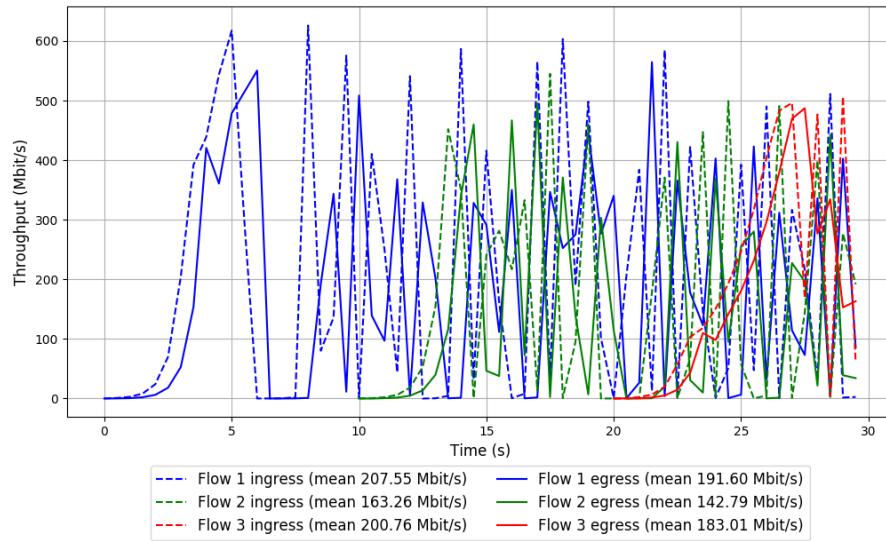


```
Run 2: Statistics of Muses\_DecisionTreeH0

Start at: 2019-10-03 11:48:33
End at: 2019-10-03 11:49:03
Local clock offset: 0.024 ms
Remote clock offset: -0.405 ms

# Below is generated by plot.py at 2019-10-03 16:19:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 342.63 Mbit/s
95th percentile per-packet one-way delay: 280.637 ms
Loss rate: 10.51%
-- Flow 1:
Average throughput: 191.60 Mbit/s
95th percentile per-packet one-way delay: 279.510 ms
Loss rate: 8.60%
-- Flow 2:
Average throughput: 142.79 Mbit/s
95th percentile per-packet one-way delay: 292.157 ms
Loss rate: 13.73%
-- Flow 3:
Average throughput: 183.01 Mbit/s
95th percentile per-packet one-way delay: 214.177 ms
Loss rate: 11.26%
```

Run 2: Report of Muses_DecisionTreeH0 — Data Link

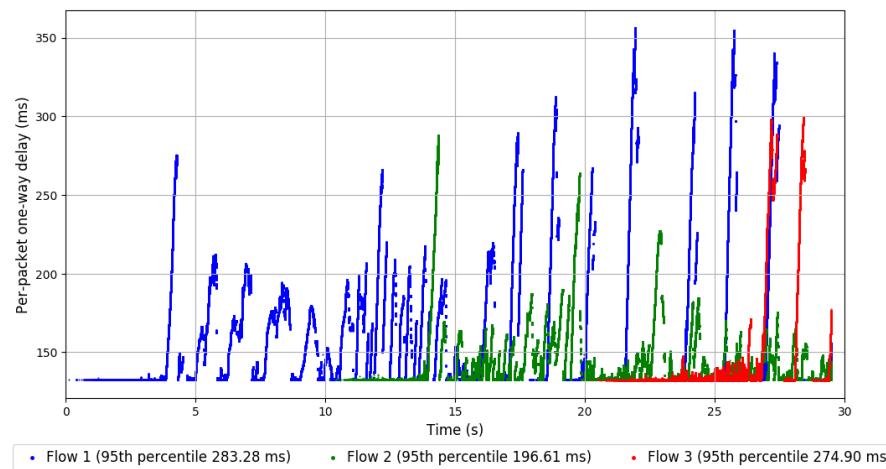
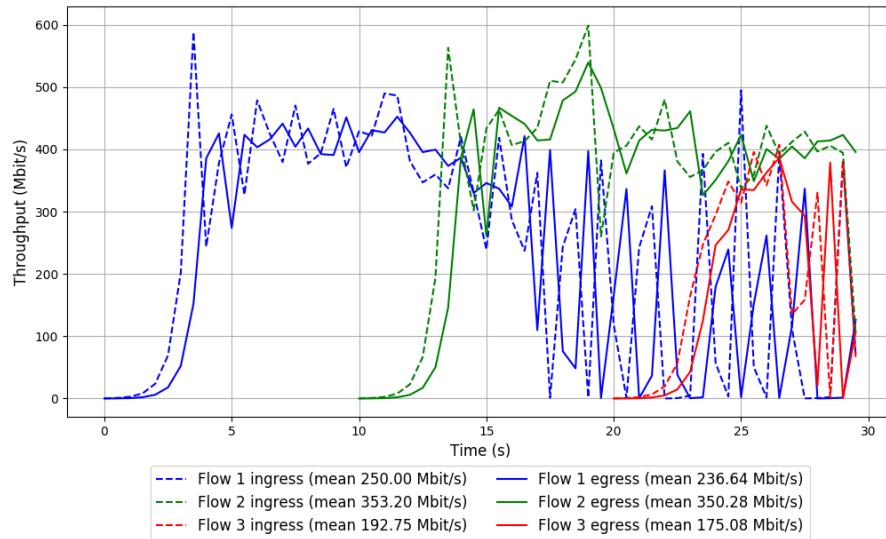


```
Run 3: Statistics of Muses\_DecisionTreeH0

Start at: 2019-10-03 12:31:37
End at: 2019-10-03 12:32:07
Local clock offset: -0.135 ms
Remote clock offset: 0.017 ms

# Below is generated by plot.py at 2019-10-03 16:24:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 522.60 Mbit/s
95th percentile per-packet one-way delay: 259.968 ms
Loss rate: 4.98%
-- Flow 1:
Average throughput: 236.64 Mbit/s
95th percentile per-packet one-way delay: 283.278 ms
Loss rate: 5.95%
-- Flow 2:
Average throughput: 350.28 Mbit/s
95th percentile per-packet one-way delay: 196.611 ms
Loss rate: 2.17%
-- Flow 3:
Average throughput: 175.08 Mbit/s
95th percentile per-packet one-way delay: 274.899 ms
Loss rate: 11.70%
```

Run 3: Report of Muses_DecisionTreeH0 — Data Link

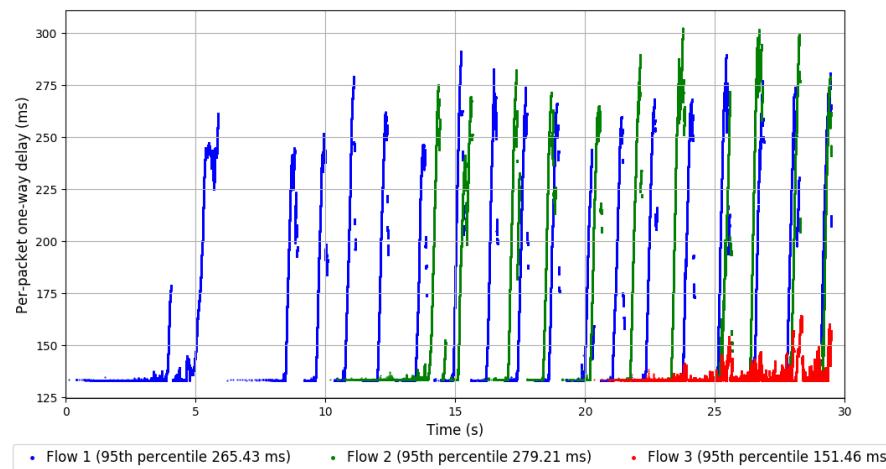
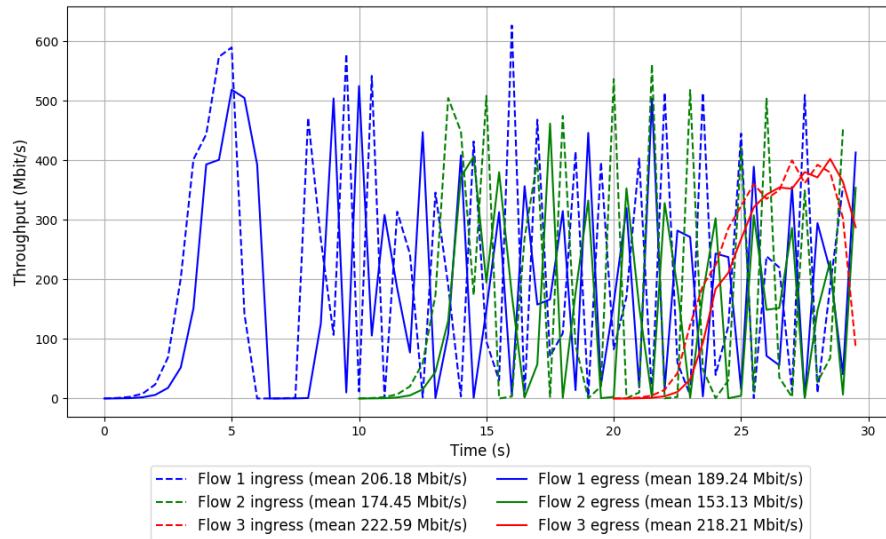


```
Run 4: Statistics of Muses\_DecisionTreeH0

Start at: 2019-10-03 13:14:23
End at: 2019-10-03 13:14:53
Local clock offset: 0.515 ms
Remote clock offset: -0.013 ms

# Below is generated by plot.py at 2019-10-03 16:24:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 357.67 Mbit/s
95th percentile per-packet one-way delay: 268.944 ms
Loss rate: 8.74%
-- Flow 1:
Average throughput: 189.24 Mbit/s
95th percentile per-packet one-way delay: 265.426 ms
Loss rate: 8.08%
-- Flow 2:
Average throughput: 153.13 Mbit/s
95th percentile per-packet one-way delay: 279.207 ms
Loss rate: 12.41%
-- Flow 3:
Average throughput: 218.21 Mbit/s
95th percentile per-packet one-way delay: 151.455 ms
Loss rate: 4.75%
```

Run 4: Report of Muses_DecisionTreeH0 — Data Link

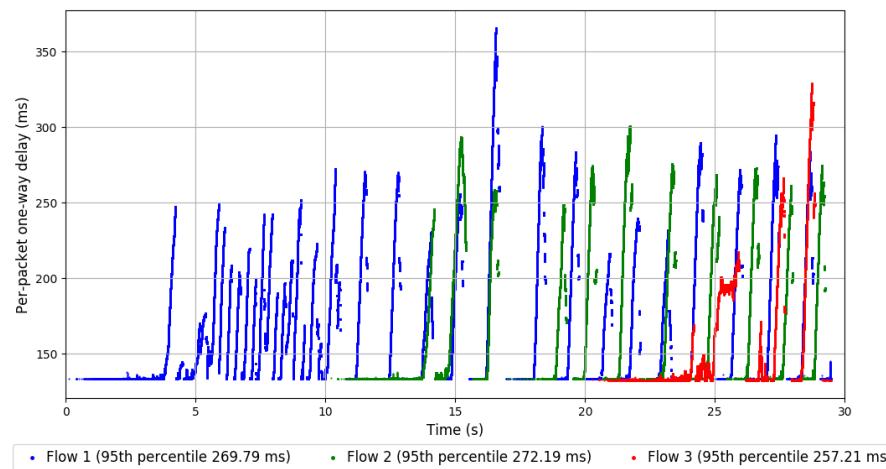
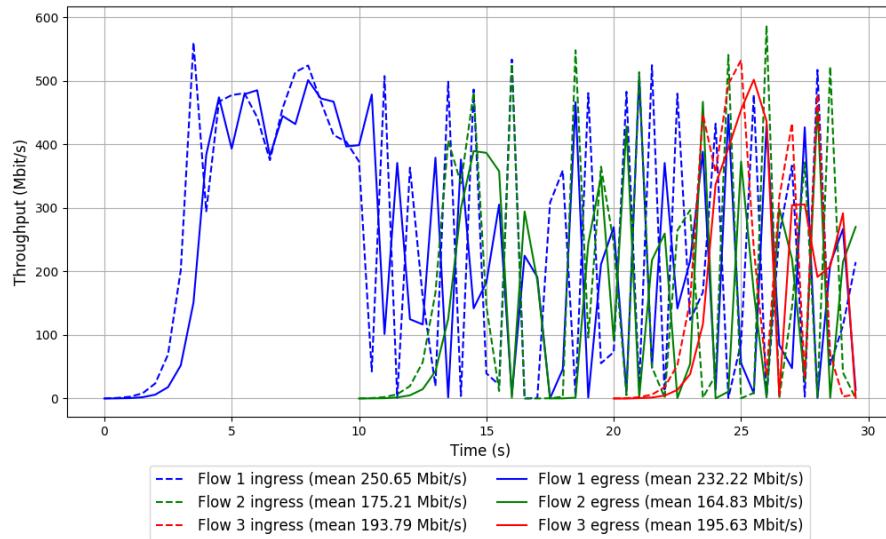


```
Run 5: Statistics of Muses\_DecisionTreeH0

Start at: 2019-10-03 13:57:17
End at: 2019-10-03 13:57:47
Local clock offset: 0.273 ms
Remote clock offset: -0.073 ms

# Below is generated by plot.py at 2019-10-03 16:24:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 400.45 Mbit/s
95th percentile per-packet one-way delay: 270.431 ms
Loss rate: 7.21%
-- Flow 1:
Average throughput: 232.22 Mbit/s
95th percentile per-packet one-way delay: 269.793 ms
Loss rate: 8.19%
-- Flow 2:
Average throughput: 164.83 Mbit/s
95th percentile per-packet one-way delay: 272.193 ms
Loss rate: 7.95%
-- Flow 3:
Average throughput: 195.63 Mbit/s
95th percentile per-packet one-way delay: 257.214 ms
Loss rate: 1.90%
```

Run 5: Report of Muses_DecisionTreeH0 — Data Link

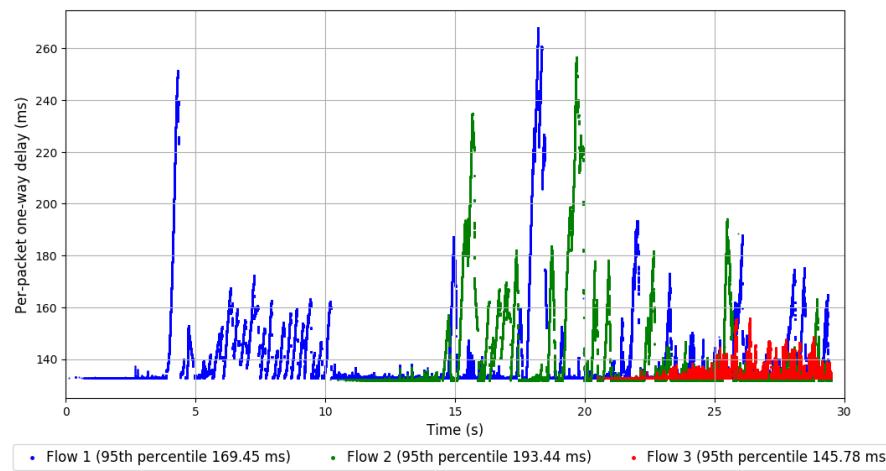
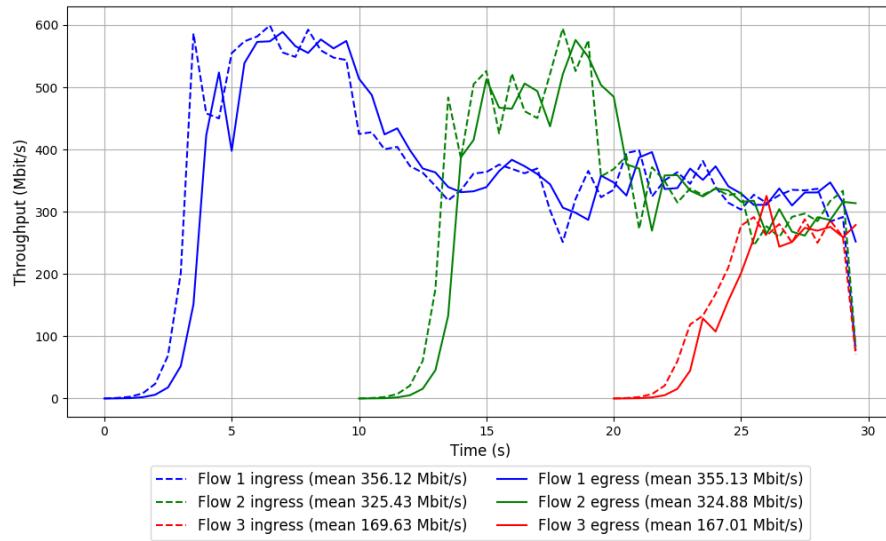


```
Run 1: Statistics of Muses\_DecisionTreeR0

Start at: 2019-10-03 11:01:15
End at: 2019-10-03 11:01:45
Local clock offset: -0.24 ms
Remote clock offset: -0.099 ms

# Below is generated by plot.py at 2019-10-03 16:27:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 621.22 Mbit/s
95th percentile per-packet one-way delay: 181.116 ms
Loss rate: 1.58%
-- Flow 1:
Average throughput: 355.13 Mbit/s
95th percentile per-packet one-way delay: 169.453 ms
Loss rate: 1.20%
-- Flow 2:
Average throughput: 324.88 Mbit/s
95th percentile per-packet one-way delay: 193.436 ms
Loss rate: 1.52%
-- Flow 3:
Average throughput: 167.01 Mbit/s
95th percentile per-packet one-way delay: 145.777 ms
Loss rate: 4.27%
```

Run 1: Report of Muses_DecisionTreeR0 — Data Link

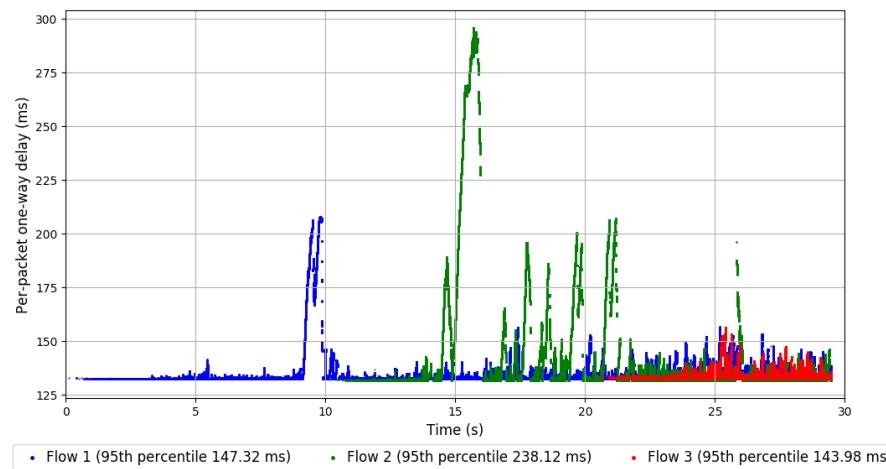
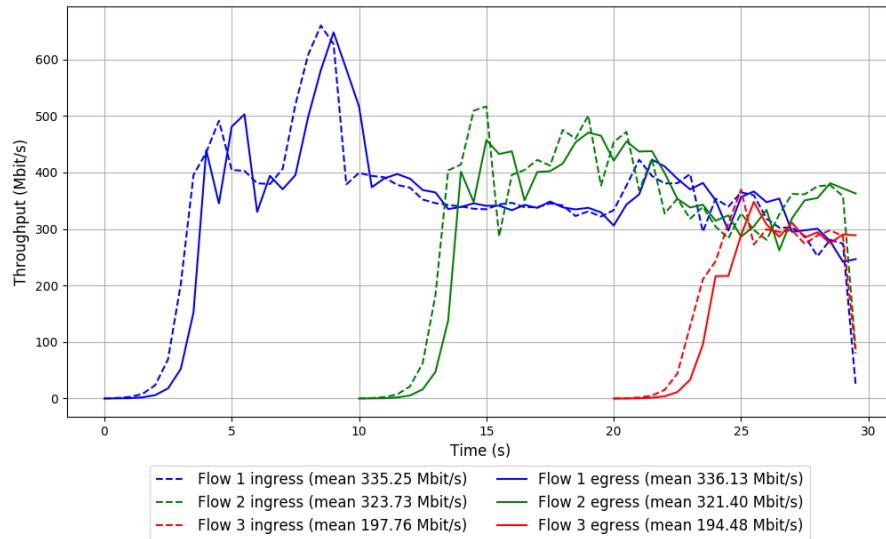


```
Run 2: Statistics of Muses\_DecisionTreeR0

Start at: 2019-10-03 11:44:39
End at: 2019-10-03 11:45:09
Local clock offset: -0.315 ms
Remote clock offset: -0.054 ms

# Below is generated by plot.py at 2019-10-03 16:30:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 607.79 Mbit/s
95th percentile per-packet one-way delay: 183.250 ms
Loss rate: 1.55%
-- Flow 1:
Average throughput: 336.13 Mbit/s
95th percentile per-packet one-way delay: 147.316 ms
Loss rate: 0.67%
-- Flow 2:
Average throughput: 321.40 Mbit/s
95th percentile per-packet one-way delay: 238.121 ms
Loss rate: 2.06%
-- Flow 3:
Average throughput: 194.48 Mbit/s
95th percentile per-packet one-way delay: 143.980 ms
Loss rate: 4.44%
```

Run 2: Report of Muses_DecisionTreeR0 — Data Link

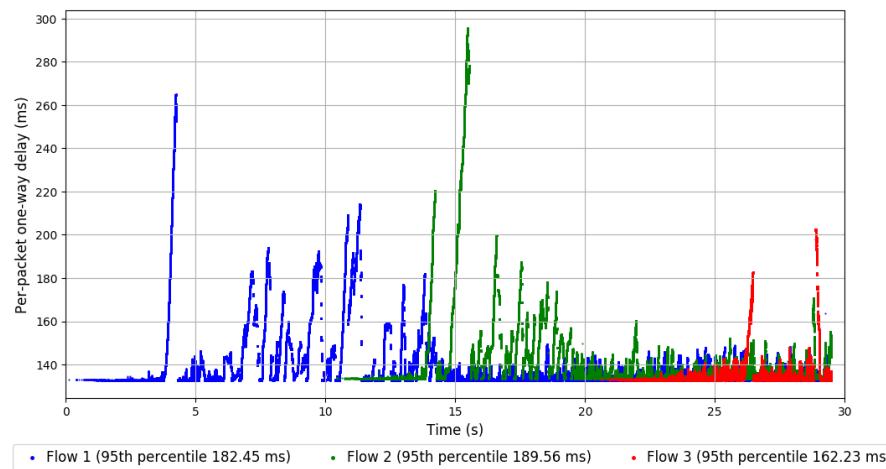
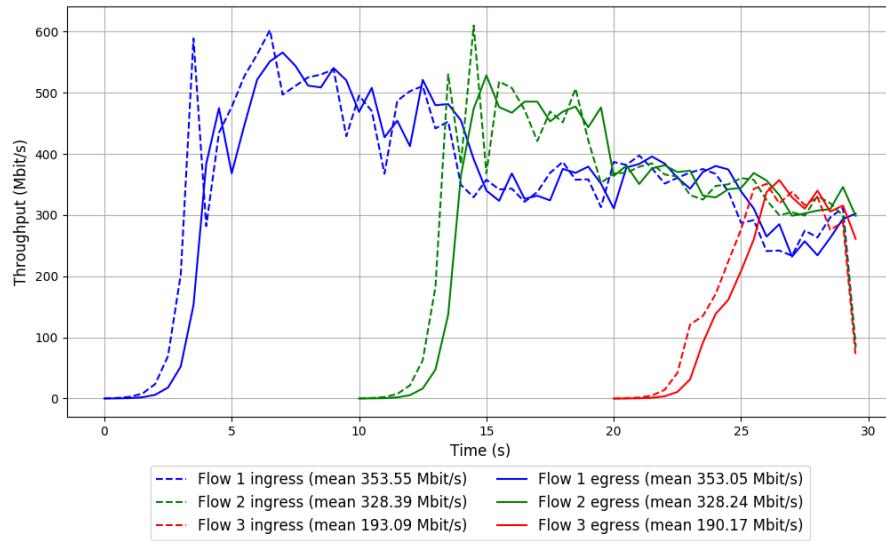


```
Run 3: Statistics of Muses\_DecisionTreeR0

Start at: 2019-10-03 12:27:42
End at: 2019-10-03 12:28:12
Local clock offset: 0.468 ms
Remote clock offset: 0.032 ms

# Below is generated by plot.py at 2019-10-03 16:31:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 628.02 Mbit/s
95th percentile per-packet one-way delay: 182.790 ms
Loss rate: 1.49%
-- Flow 1:
Average throughput: 353.05 Mbit/s
95th percentile per-packet one-way delay: 182.454 ms
Loss rate: 1.04%
-- Flow 2:
Average throughput: 328.24 Mbit/s
95th percentile per-packet one-way delay: 189.555 ms
Loss rate: 1.41%
-- Flow 3:
Average throughput: 190.17 Mbit/s
95th percentile per-packet one-way delay: 162.228 ms
Loss rate: 4.31%
```

Run 3: Report of Muses_DecisionTreeR0 — Data Link

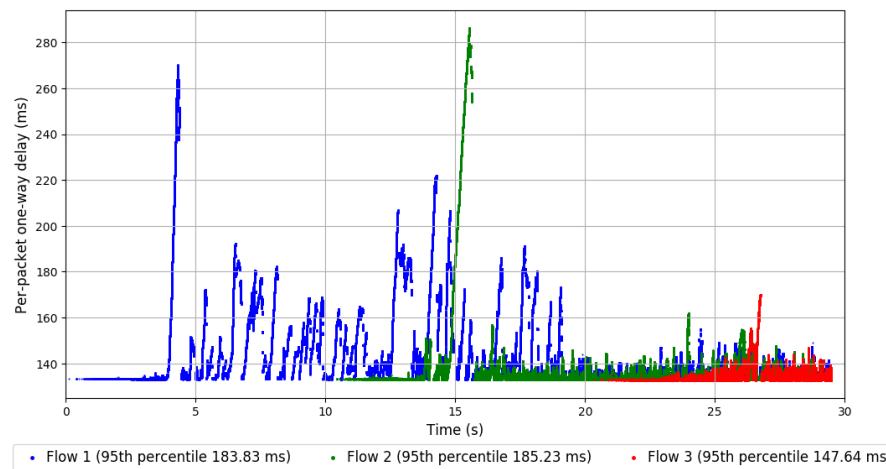
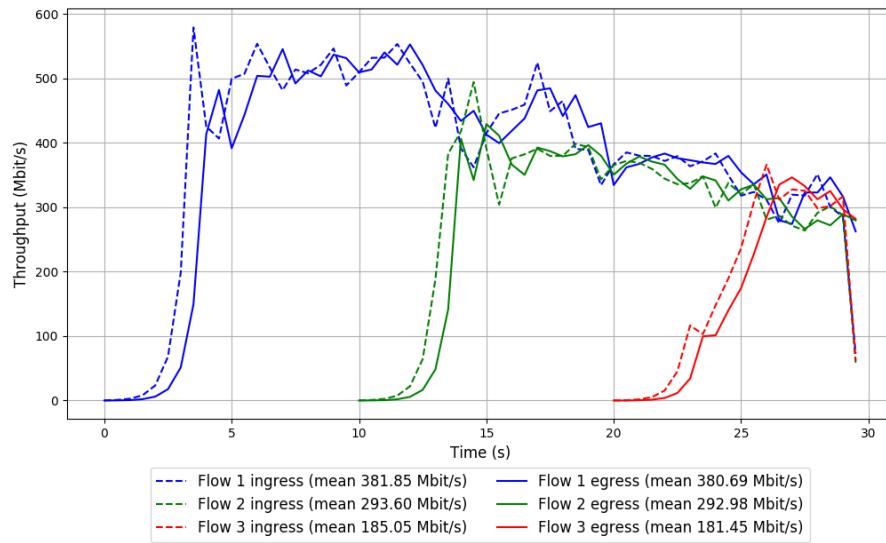


```
Run 4: Statistics of Muses\_DecisionTreeR0

Start at: 2019-10-03 13:10:30
End at: 2019-10-03 13:11:00
Local clock offset: 0.1 ms
Remote clock offset: -0.028 ms

# Below is generated by plot.py at 2019-10-03 16:32:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 629.84 Mbit/s
95th percentile per-packet one-way delay: 182.500 ms
Loss rate: 1.66%
-- Flow 1:
Average throughput: 380.69 Mbit/s
95th percentile per-packet one-way delay: 183.827 ms
Loss rate: 1.20%
-- Flow 2:
Average throughput: 292.98 Mbit/s
95th percentile per-packet one-way delay: 185.230 ms
Loss rate: 1.57%
-- Flow 3:
Average throughput: 181.45 Mbit/s
95th percentile per-packet one-way delay: 147.644 ms
Loss rate: 4.89%
```

Run 4: Report of Muses_DecisionTreeR0 — Data Link

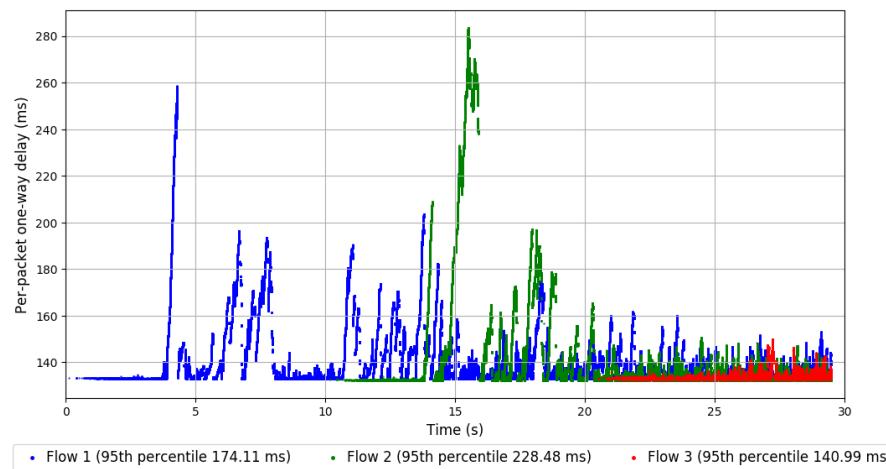
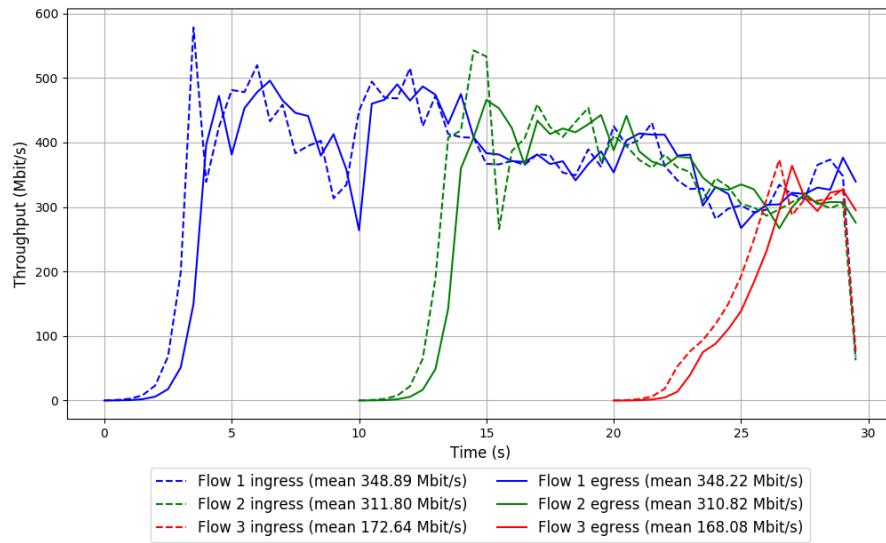


```
Run 5: Statistics of Muses\_DecisionTreeR0

Start at: 2019-10-03 13:53:23
End at: 2019-10-03 13:53:53
Local clock offset: -0.11 ms
Remote clock offset: -0.067 ms

# Below is generated by plot.py at 2019-10-03 16:32:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 605.46 Mbit/s
95th percentile per-packet one-way delay: 183.799 ms
Loss rate: 1.68%
-- Flow 1:
Average throughput: 348.22 Mbit/s
95th percentile per-packet one-way delay: 174.112 ms
Loss rate: 1.09%
-- Flow 2:
Average throughput: 310.82 Mbit/s
95th percentile per-packet one-way delay: 228.479 ms
Loss rate: 1.67%
-- Flow 3:
Average throughput: 168.08 Mbit/s
95th percentile per-packet one-way delay: 140.988 ms
Loss rate: 5.37%
```

Run 5: Report of Muses_DecisionTreeR0 — Data Link

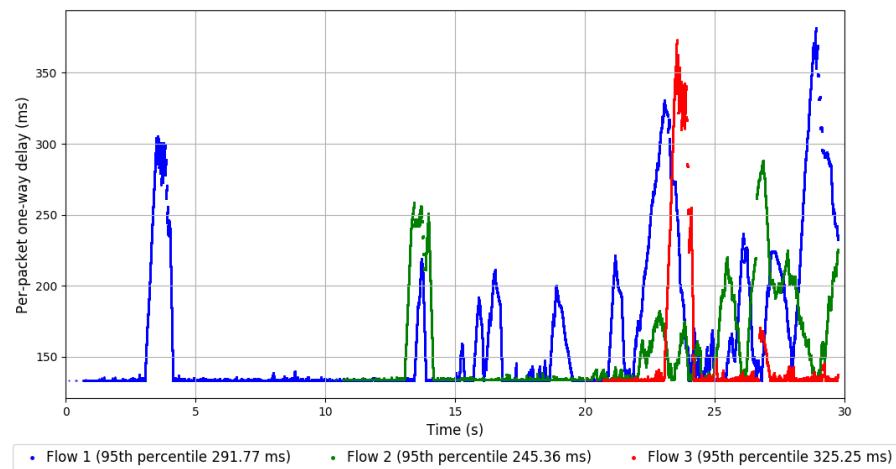
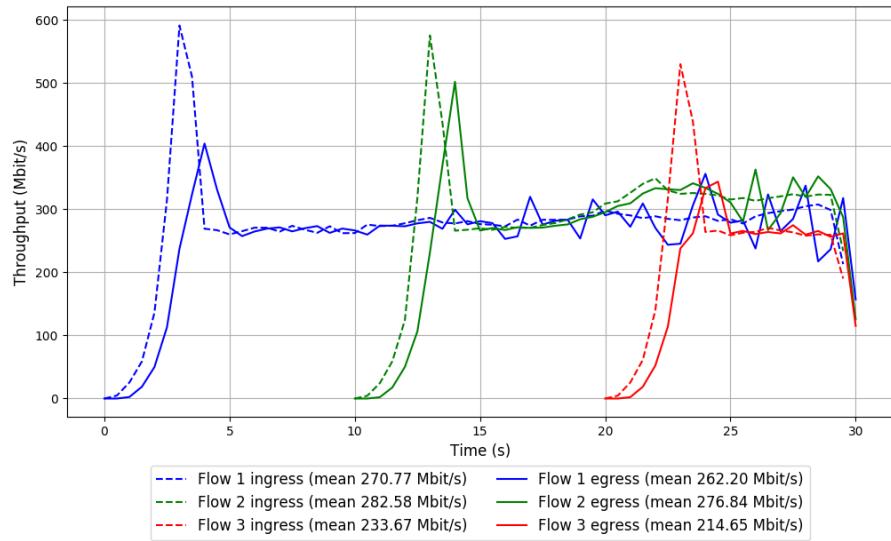


```
Run 1: Statistics of PCC-Allegro
```

```
Start at: 2019-10-03 11:14:28
End at: 2019-10-03 11:14:58
Local clock offset: 0.506 ms
Remote clock offset: -0.077 ms

# Below is generated by plot.py at 2019-10-03 16:42:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 514.87 Mbit/s
95th percentile per-packet one-way delay: 281.510 ms
Loss rate: 4.74%
-- Flow 1:
Average throughput: 262.20 Mbit/s
95th percentile per-packet one-way delay: 291.769 ms
Loss rate: 4.03%
-- Flow 2:
Average throughput: 276.84 Mbit/s
95th percentile per-packet one-way delay: 245.359 ms
Loss rate: 3.35%
-- Flow 3:
Average throughput: 214.65 Mbit/s
95th percentile per-packet one-way delay: 325.251 ms
Loss rate: 10.63%
```

Run 1: Report of PCC-Allegro — Data Link

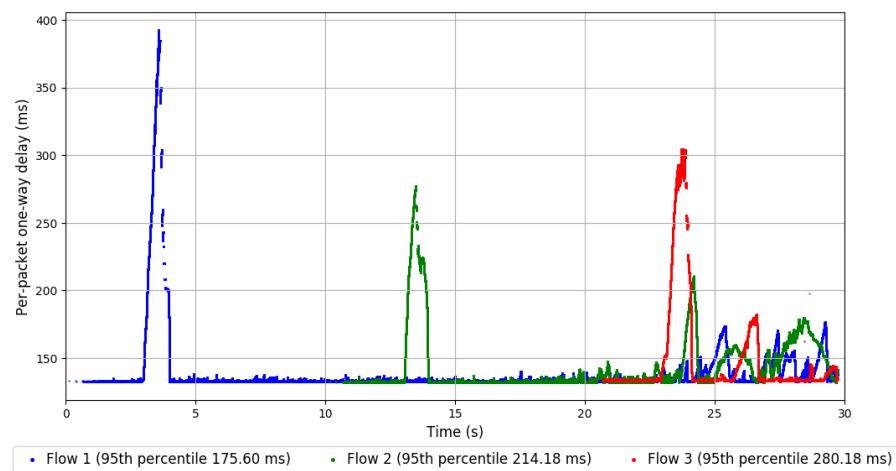
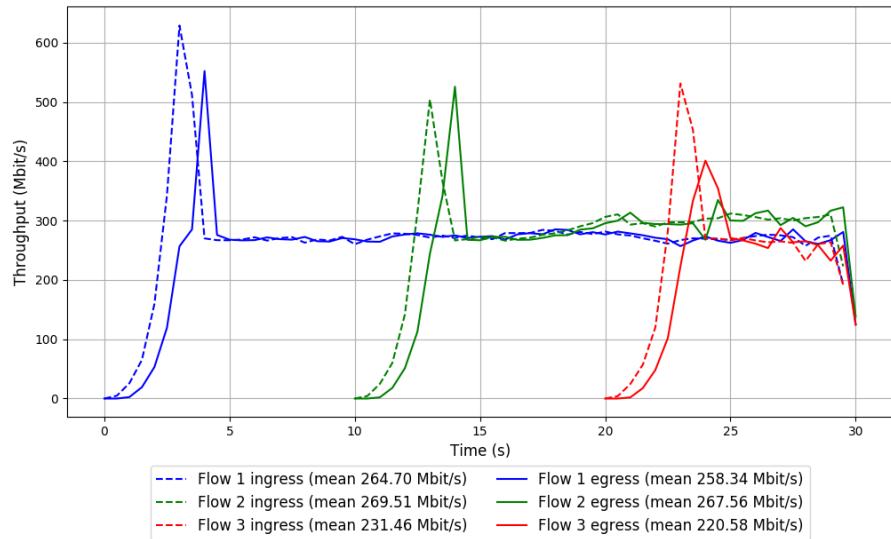


Run 2: Statistics of PCC-Allegro

```
Start at: 2019-10-03 11:57:38
End at: 2019-10-03 11:58:08
Local clock offset: 0.035 ms
Remote clock offset: -0.065 ms

# Below is generated by plot.py at 2019-10-03 16:43:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 506.77 Mbit/s
95th percentile per-packet one-way delay: 214.798 ms
Loss rate: 3.44%
-- Flow 1:
Average throughput: 258.34 Mbit/s
95th percentile per-packet one-way delay: 175.605 ms
Loss rate: 3.27%
-- Flow 2:
Average throughput: 267.56 Mbit/s
95th percentile per-packet one-way delay: 214.183 ms
Loss rate: 2.04%
-- Flow 3:
Average throughput: 220.58 Mbit/s
95th percentile per-packet one-way delay: 280.176 ms
Loss rate: 7.28%
```

Run 2: Report of PCC-Allegro — Data Link

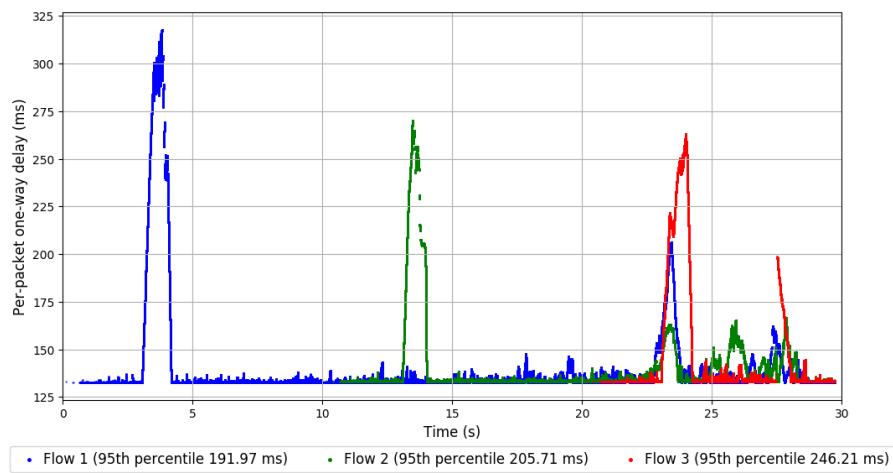
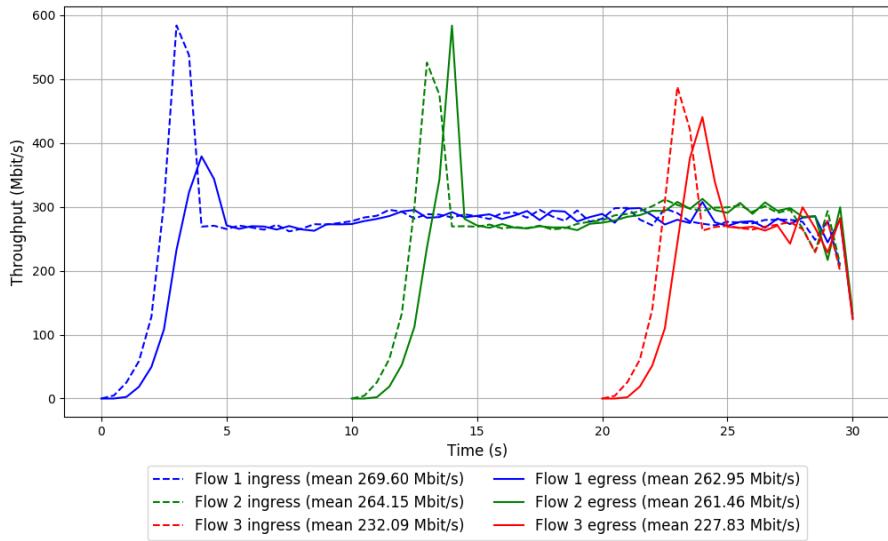


Run 3: Statistics of PCC-Allegro

```
Start at: 2019-10-03 12:40:57
End at: 2019-10-03 12:41:27
Local clock offset: 0.061 ms
Remote clock offset: 0.025 ms

# Below is generated by plot.py at 2019-10-03 16:45:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 509.67 Mbit/s
95th percentile per-packet one-way delay: 218.543 ms
Loss rate: 3.17%
-- Flow 1:
Average throughput: 262.95 Mbit/s
95th percentile per-packet one-way delay: 191.975 ms
Loss rate: 3.33%
-- Flow 2:
Average throughput: 261.46 Mbit/s
95th percentile per-packet one-way delay: 205.712 ms
Loss rate: 2.35%
-- Flow 3:
Average throughput: 227.83 Mbit/s
95th percentile per-packet one-way delay: 246.205 ms
Loss rate: 4.50%
```

Run 3: Report of PCC-Allegro — Data Link

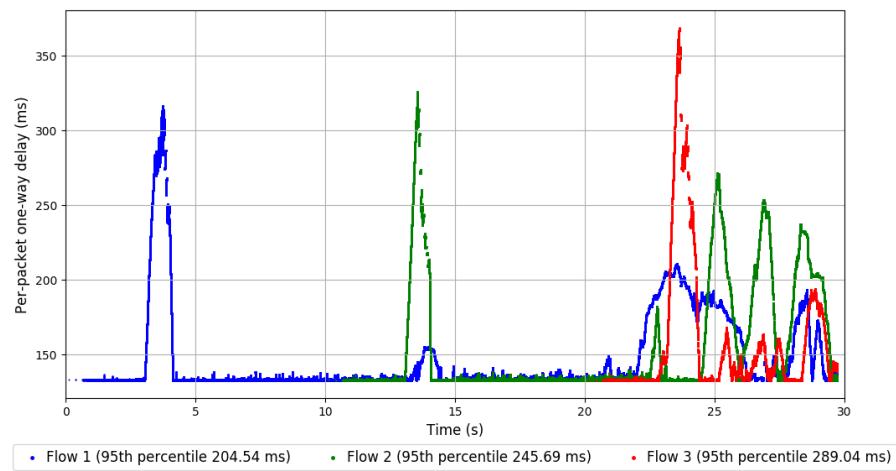
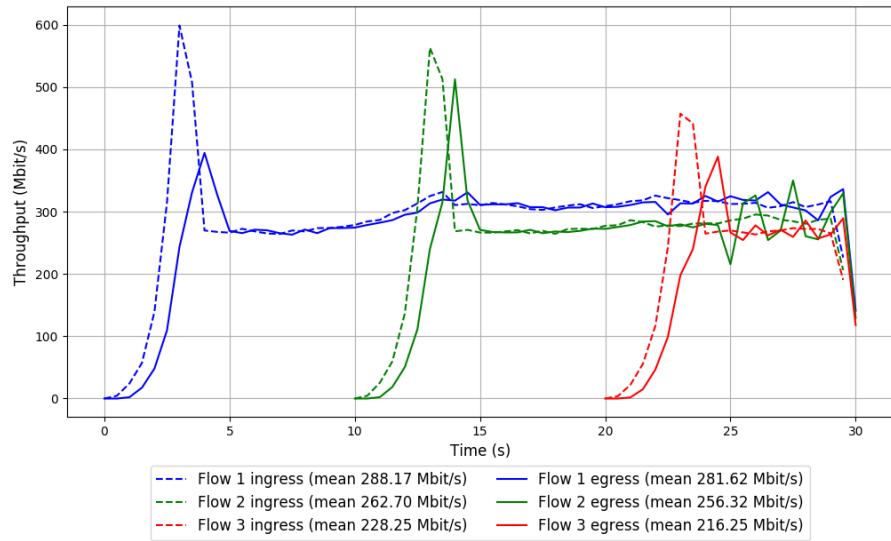


Run 4: Statistics of PCC-Allegro

```
Start at: 2019-10-03 13:23:33
End at: 2019-10-03 13:24:03
Local clock offset: 0.248 ms
Remote clock offset: -0.02 ms

# Below is generated by plot.py at 2019-10-03 16:50:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 521.09 Mbit/s
95th percentile per-packet one-way delay: 244.053 ms
Loss rate: 3.99%
-- Flow 1:
Average throughput: 281.62 Mbit/s
95th percentile per-packet one-way delay: 204.542 ms
Loss rate: 3.15%
-- Flow 2:
Average throughput: 256.32 Mbit/s
95th percentile per-packet one-way delay: 245.691 ms
Loss rate: 3.74%
-- Flow 3:
Average throughput: 216.25 Mbit/s
95th percentile per-packet one-way delay: 289.043 ms
Loss rate: 7.82%
```

Run 4: Report of PCC-Allegro — Data Link

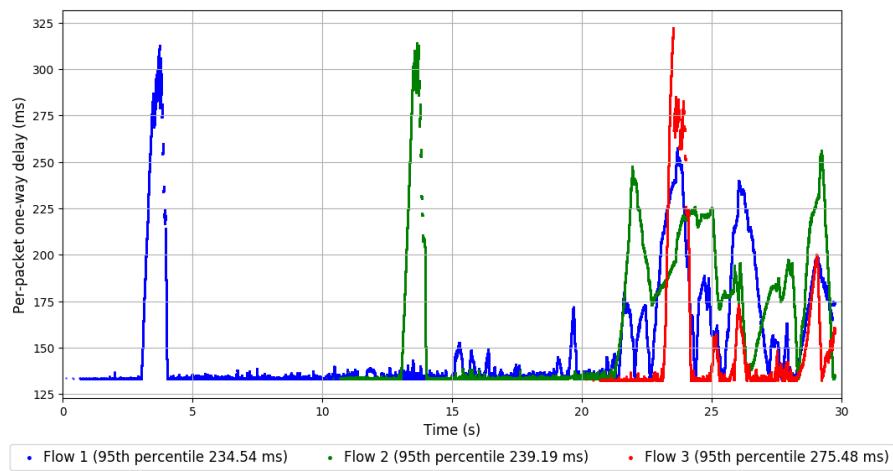
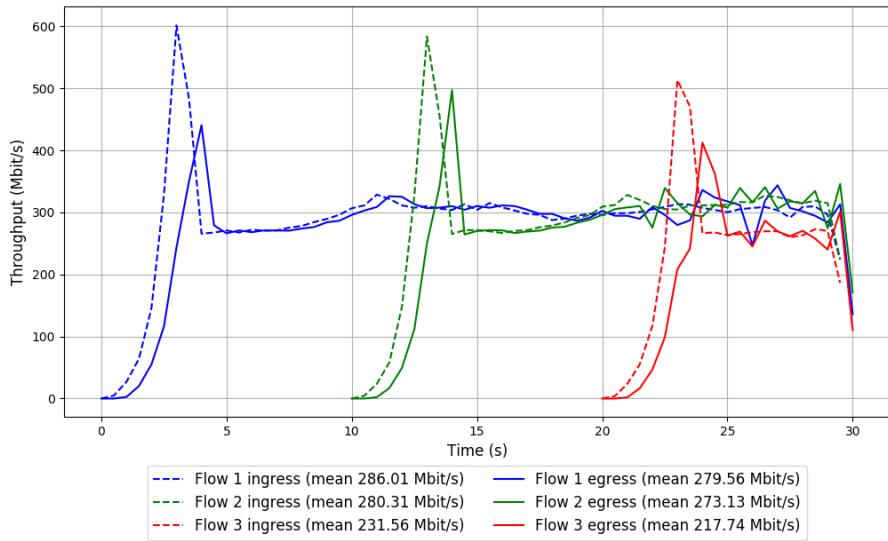


Run 5: Statistics of PCC-Allegro

```
Start at: 2019-10-03 14:06:23
End at: 2019-10-03 14:06:53
Local clock offset: 0.085 ms
Remote clock offset: -0.437 ms

# Below is generated by plot.py at 2019-10-03 16:53:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 530.65 Mbit/s
95th percentile per-packet one-way delay: 240.433 ms
Loss rate: 4.13%
-- Flow 1:
Average throughput: 279.56 Mbit/s
95th percentile per-packet one-way delay: 234.536 ms
Loss rate: 3.13%
-- Flow 2:
Average throughput: 273.13 Mbit/s
95th percentile per-packet one-way delay: 239.187 ms
Loss rate: 3.88%
-- Flow 3:
Average throughput: 217.74 Mbit/s
95th percentile per-packet one-way delay: 275.477 ms
Loss rate: 8.52%
```

Run 5: Report of PCC-Allegro — Data Link

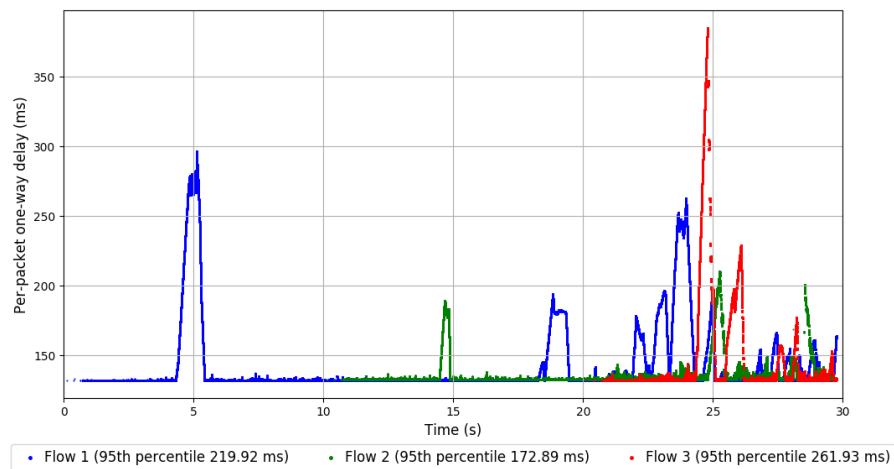
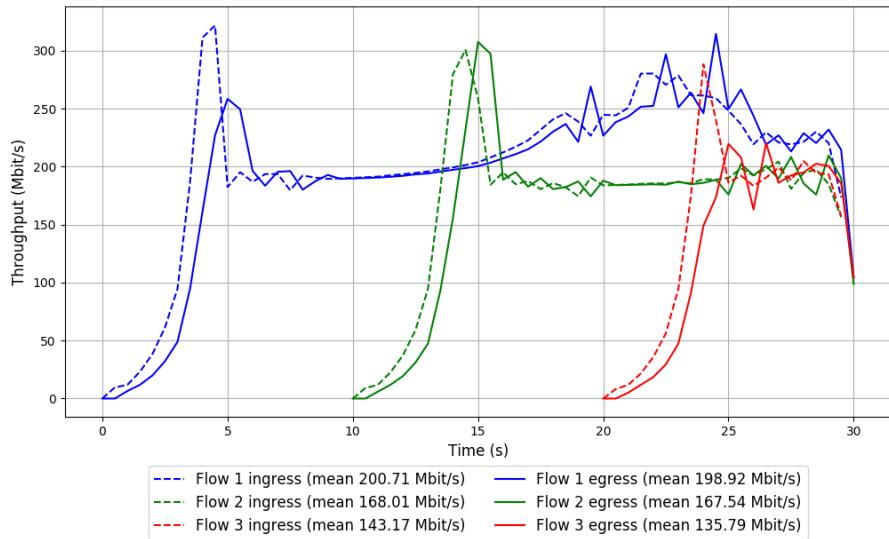


Run 1: Statistics of PCC-Expr

```
Start at: 2019-10-03 10:44:30
End at: 2019-10-03 10:45:00
Local clock offset: -0.446 ms
Remote clock offset: -0.096 ms

# Below is generated by plot.py at 2019-10-03 16:53:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 353.73 Mbit/s
95th percentile per-packet one-way delay: 197.737 ms
Loss rate: 2.51%
-- Flow 1:
Average throughput: 198.92 Mbit/s
95th percentile per-packet one-way delay: 219.920 ms
Loss rate: 1.78%
-- Flow 2:
Average throughput: 167.54 Mbit/s
95th percentile per-packet one-way delay: 172.893 ms
Loss rate: 1.62%
-- Flow 3:
Average throughput: 135.79 Mbit/s
95th percentile per-packet one-way delay: 261.934 ms
Loss rate: 7.73%
```

Run 1: Report of PCC-Expr — Data Link

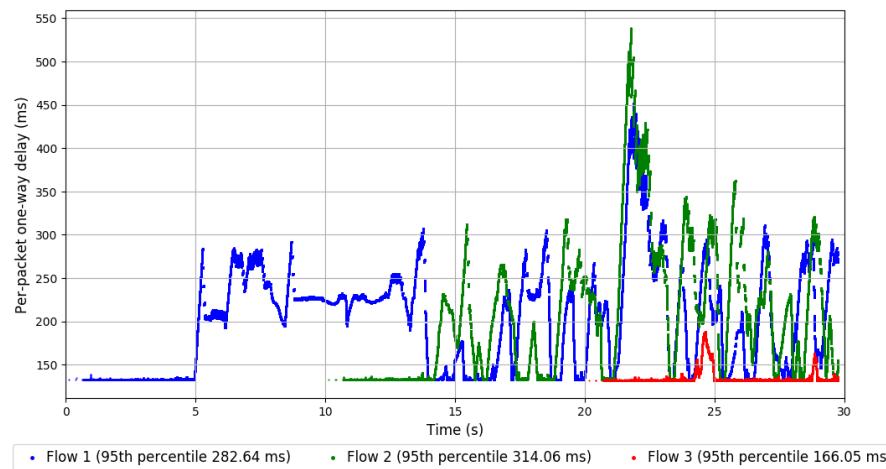
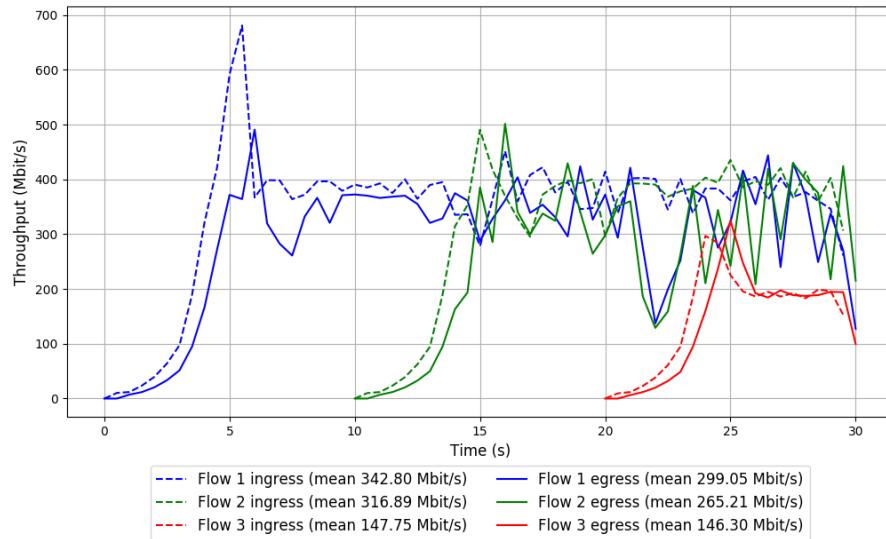


Run 2: Statistics of PCC-Expr

```
Start at: 2019-10-03 11:27:41
End at: 2019-10-03 11:28:11
Local clock offset: -0.068 ms
Remote clock offset: -0.034 ms

# Below is generated by plot.py at 2019-10-03 16:56:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 522.07 Mbit/s
95th percentile per-packet one-way delay: 292.289 ms
Loss rate: 14.10%
-- Flow 1:
Average throughput: 299.05 Mbit/s
95th percentile per-packet one-way delay: 282.636 ms
Loss rate: 13.54%
-- Flow 2:
Average throughput: 265.21 Mbit/s
95th percentile per-packet one-way delay: 314.062 ms
Loss rate: 17.43%
-- Flow 3:
Average throughput: 146.30 Mbit/s
95th percentile per-packet one-way delay: 166.054 ms
Loss rate: 3.64%
```

Run 2: Report of PCC-Expr — Data Link

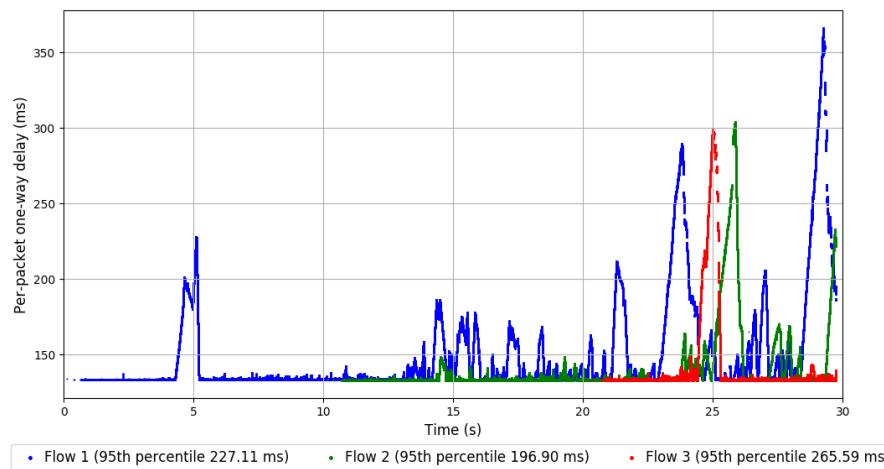
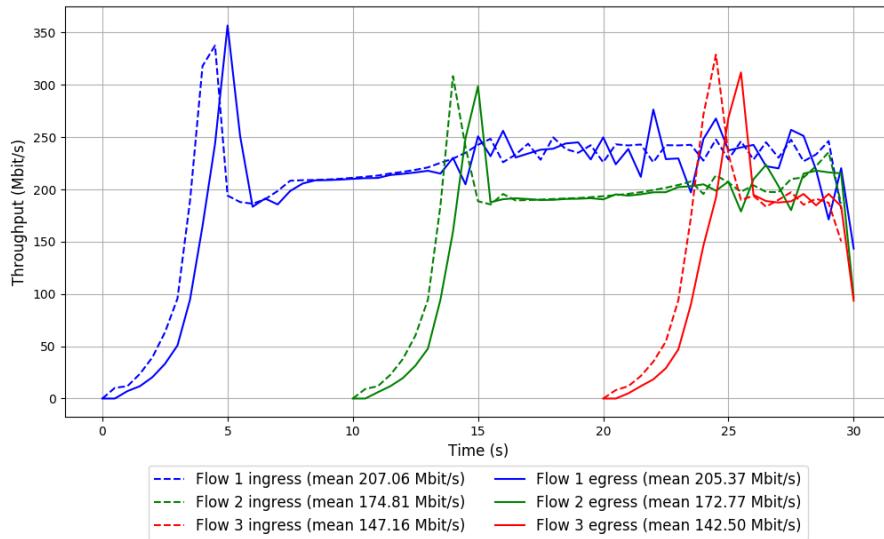


Run 3: Statistics of PCC-Expr

```
Start at: 2019-10-03 12:10:49
End at: 2019-10-03 12:11:19
Local clock offset: 0.377 ms
Remote clock offset: -0.055 ms

# Below is generated by plot.py at 2019-10-03 16:56:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 365.89 Mbit/s
95th percentile per-packet one-way delay: 222.753 ms
Loss rate: 2.48%
-- Flow 1:
Average throughput: 205.37 Mbit/s
95th percentile per-packet one-way delay: 227.112 ms
Loss rate: 1.70%
-- Flow 2:
Average throughput: 172.77 Mbit/s
95th percentile per-packet one-way delay: 196.895 ms
Loss rate: 2.49%
-- Flow 3:
Average throughput: 142.50 Mbit/s
95th percentile per-packet one-way delay: 265.588 ms
Loss rate: 5.78%
```

Run 3: Report of PCC-Expr — Data Link

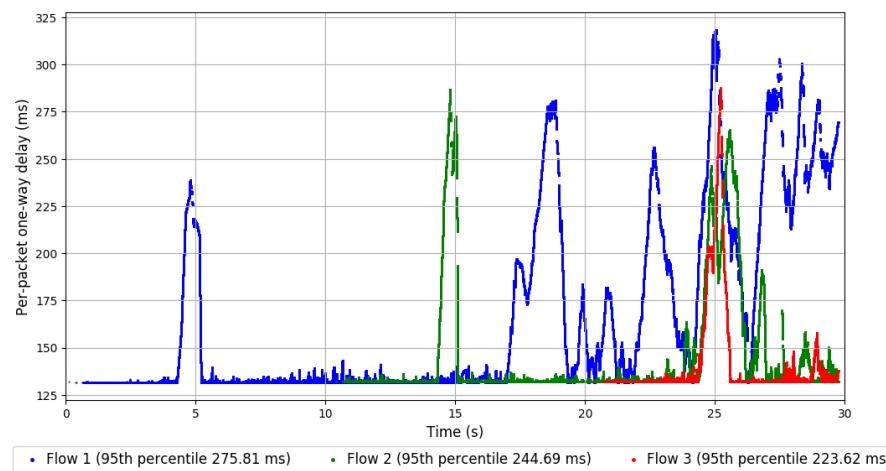
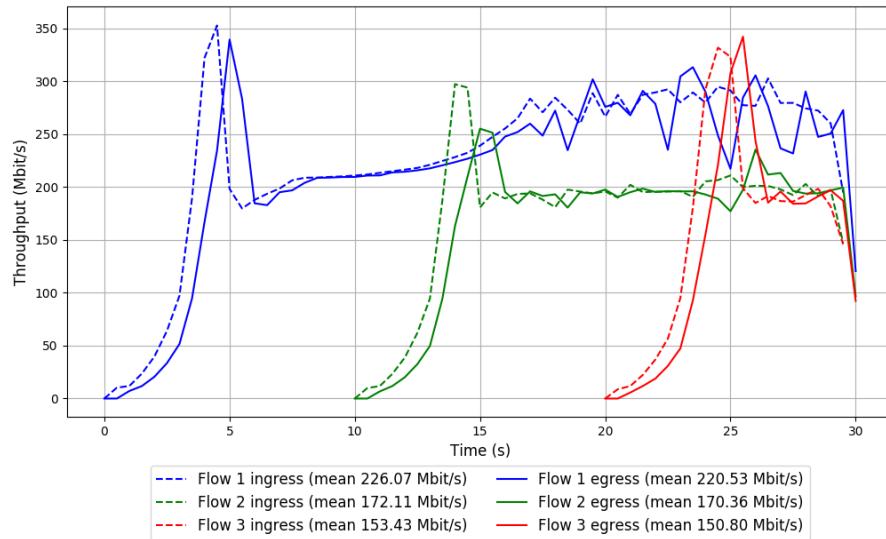


Run 4: Statistics of PCC-Expr

```
Start at: 2019-10-03 12:53:52
End at: 2019-10-03 12:54:22
Local clock offset: -0.376 ms
Remote clock offset: 0.034 ms

# Below is generated by plot.py at 2019-10-03 16:59:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 382.14 Mbit/s
95th percentile per-packet one-way delay: 264.302 ms
Loss rate: 3.17%
-- Flow 1:
Average throughput: 220.53 Mbit/s
95th percentile per-packet one-way delay: 275.812 ms
Loss rate: 3.32%
-- Flow 2:
Average throughput: 170.36 Mbit/s
95th percentile per-packet one-way delay: 244.687 ms
Loss rate: 2.34%
-- Flow 3:
Average throughput: 150.80 Mbit/s
95th percentile per-packet one-way delay: 223.618 ms
Loss rate: 4.36%
```

Run 4: Report of PCC-Expr — Data Link

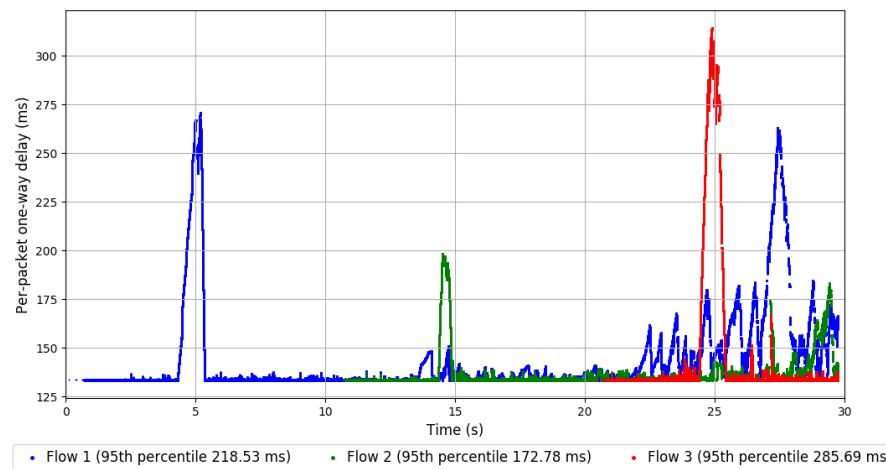
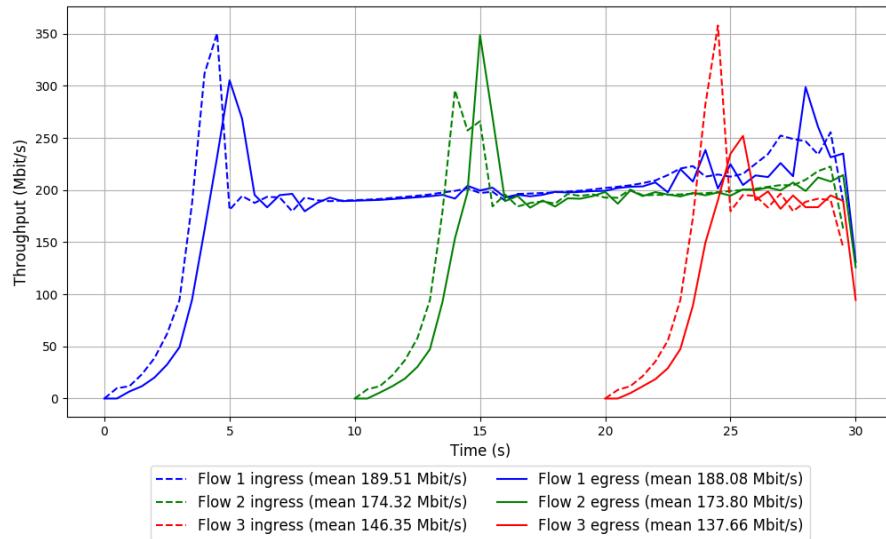


Run 5: Statistics of PCC-Expr

```
Start at: 2019-10-03 13:36:57
End at: 2019-10-03 13:37:27
Local clock offset: 0.119 ms
Remote clock offset: -0.072 ms

# Below is generated by plot.py at 2019-10-03 16:59:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 347.73 Mbit/s
95th percentile per-packet one-way delay: 207.698 ms
Loss rate: 2.58%
-- Flow 1:
Average throughput: 188.08 Mbit/s
95th percentile per-packet one-way delay: 218.535 ms
Loss rate: 1.64%
-- Flow 2:
Average throughput: 173.80 Mbit/s
95th percentile per-packet one-way delay: 172.775 ms
Loss rate: 1.63%
-- Flow 3:
Average throughput: 137.66 Mbit/s
95th percentile per-packet one-way delay: 285.688 ms
Loss rate: 8.52%
```

Run 5: Report of PCC-Expr — Data Link

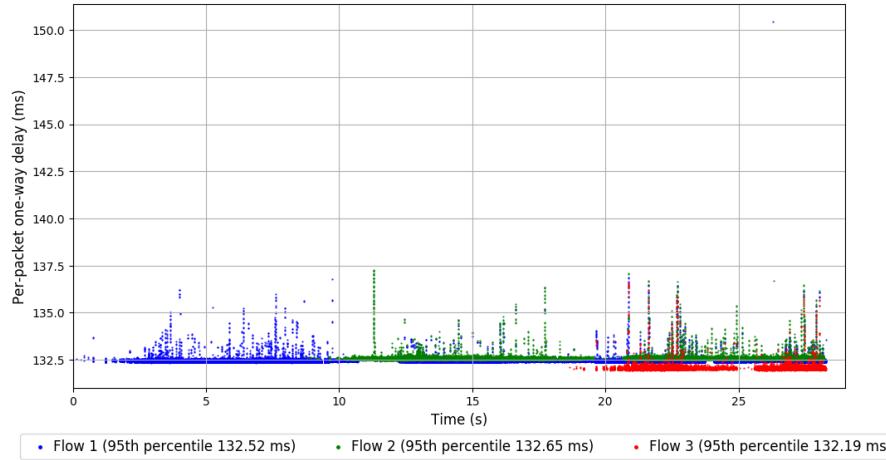
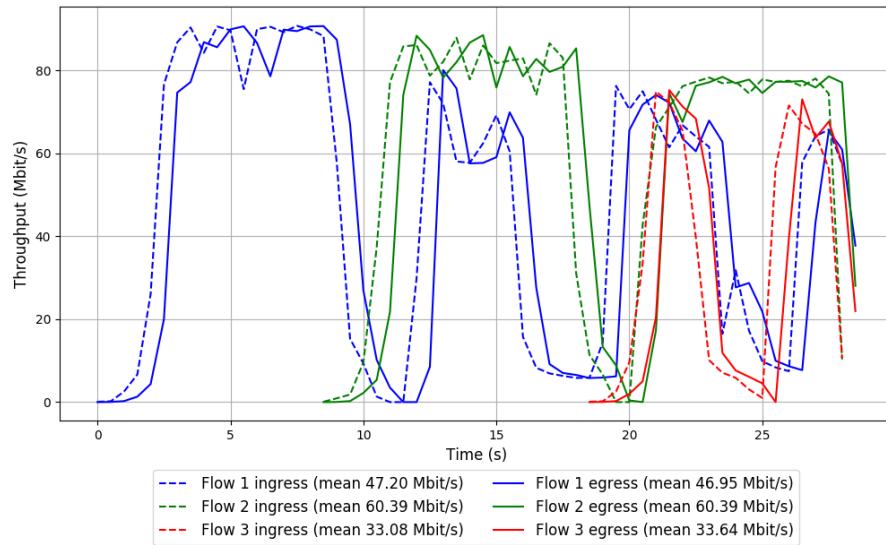


```
Run 1: Statistics of QUIC Cubic
```

```
Start at: 2019-10-03 11:21:11
End at: 2019-10-03 11:21:41
Local clock offset: -0.086 ms
Remote clock offset: 0.319 ms

# Below is generated by plot.py at 2019-10-03 16:59:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 100.44 Mbit/s
95th percentile per-packet one-way delay: 132.619 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 46.95 Mbit/s
95th percentile per-packet one-way delay: 132.520 ms
Loss rate: 1.47%
-- Flow 2:
Average throughput: 60.39 Mbit/s
95th percentile per-packet one-way delay: 132.649 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 33.64 Mbit/s
95th percentile per-packet one-way delay: 132.188 ms
Loss rate: 0.69%
```

Run 1: Report of QUIC Cubic — Data Link

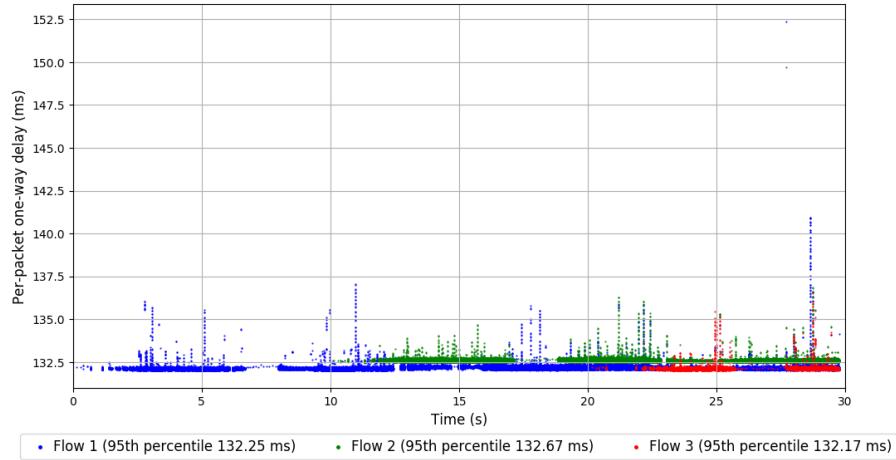
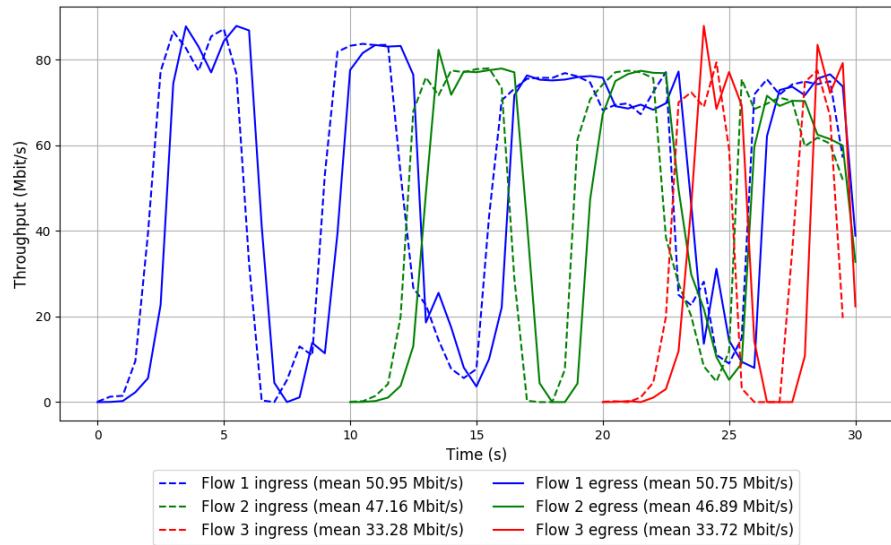


Run 2: Statistics of QUIC Cubic

```
Start at: 2019-10-03 12:04:21
End at: 2019-10-03 12:04:51
Local clock offset: -0.264 ms
Remote clock offset: -0.041 ms

# Below is generated by plot.py at 2019-10-03 16:59:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.73 Mbit/s
95th percentile per-packet one-way delay: 132.626 ms
Loss rate: 1.44%
-- Flow 1:
Average throughput: 50.75 Mbit/s
95th percentile per-packet one-way delay: 132.245 ms
Loss rate: 1.27%
-- Flow 2:
Average throughput: 46.89 Mbit/s
95th percentile per-packet one-way delay: 132.670 ms
Loss rate: 1.90%
-- Flow 3:
Average throughput: 33.72 Mbit/s
95th percentile per-packet one-way delay: 132.167 ms
Loss rate: 0.94%
```

Run 2: Report of QUIC Cubic — Data Link

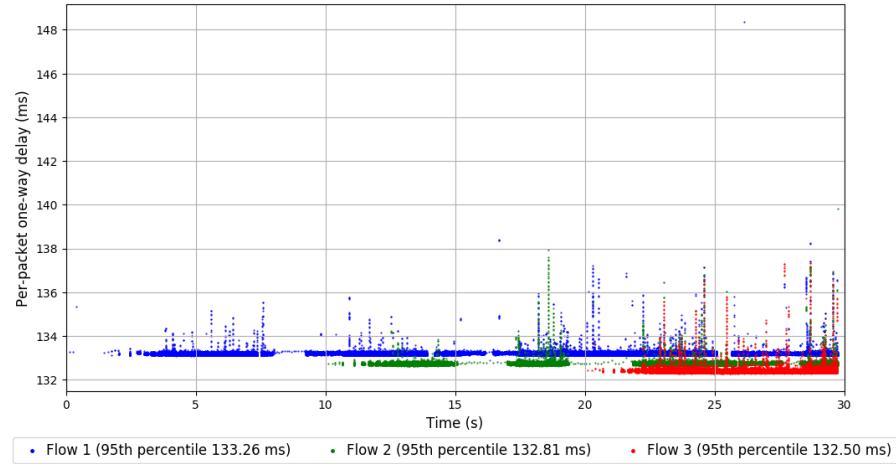
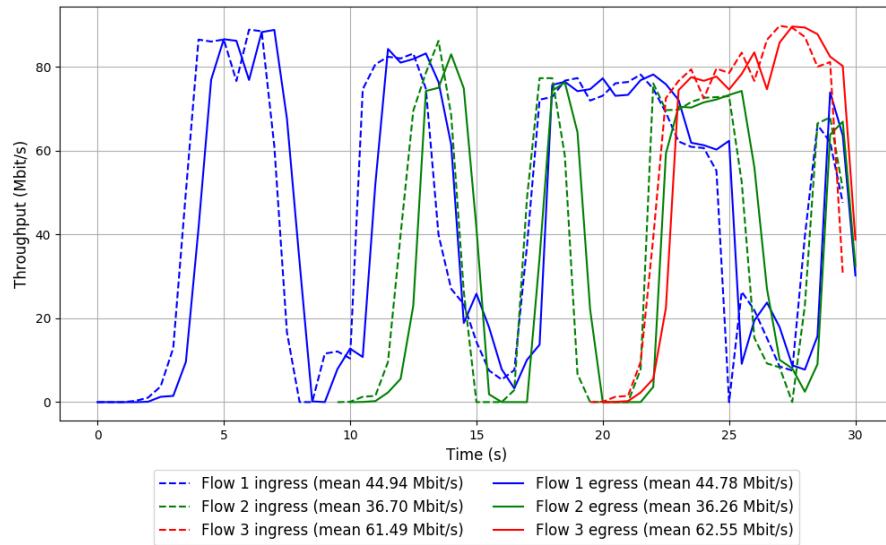


Run 3: Statistics of QUIC Cubic

```
Start at: 2019-10-03 12:47:41
End at: 2019-10-03 12:48:11
Local clock offset: 0.038 ms
Remote clock offset: -0.311 ms

# Below is generated by plot.py at 2019-10-03 16:59:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.11 Mbit/s
95th percentile per-packet one-way delay: 133.240 ms
Loss rate: 1.56%
-- Flow 1:
Average throughput: 44.78 Mbit/s
95th percentile per-packet one-way delay: 133.261 ms
Loss rate: 1.26%
-- Flow 2:
Average throughput: 36.26 Mbit/s
95th percentile per-packet one-way delay: 132.806 ms
Loss rate: 2.48%
-- Flow 3:
Average throughput: 62.55 Mbit/s
95th percentile per-packet one-way delay: 132.495 ms
Loss rate: 1.12%
```

Run 3: Report of QUIC Cubic — Data Link

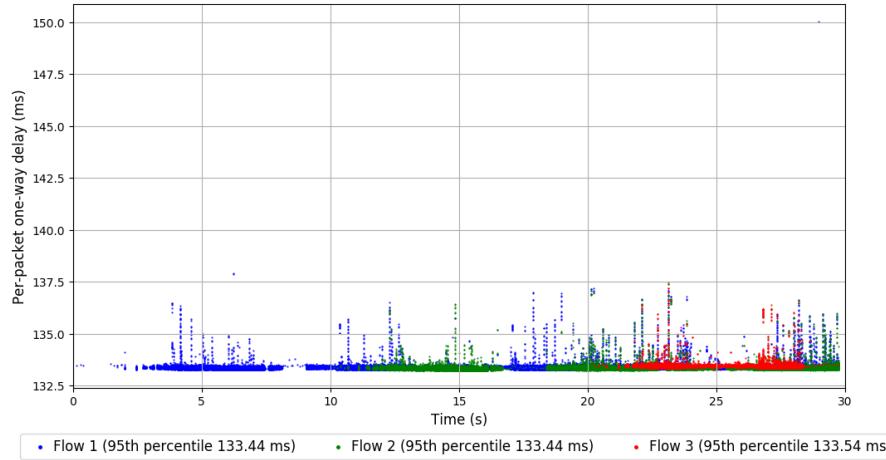
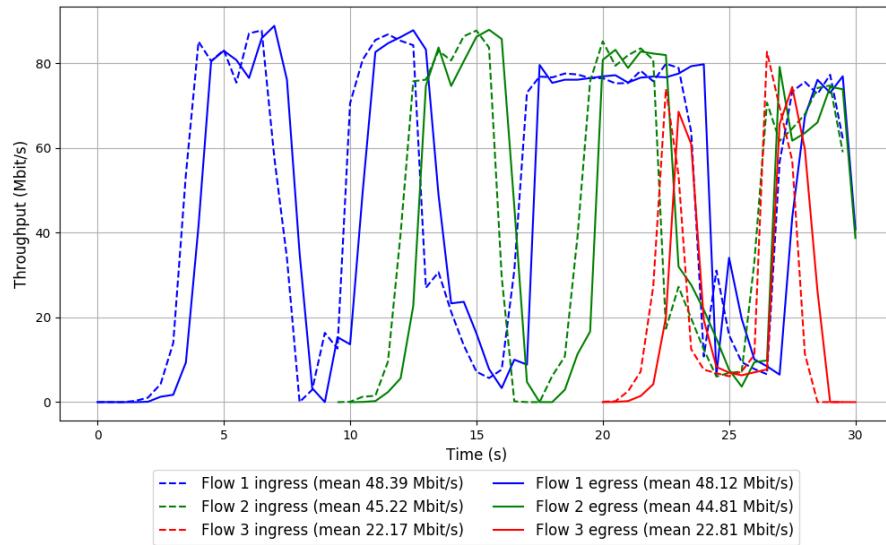


Run 4: Statistics of QUIC Cubic

```
Start at: 2019-10-03 13:30:30
End at: 2019-10-03 13:31:00
Local clock offset: 0.392 ms
Remote clock offset: -0.076 ms

# Below is generated by plot.py at 2019-10-03 16:59:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.20 Mbit/s
95th percentile per-packet one-way delay: 133.466 ms
Loss rate: 1.60%
-- Flow 1:
Average throughput: 48.12 Mbit/s
95th percentile per-packet one-way delay: 133.445 ms
Loss rate: 1.44%
-- Flow 2:
Average throughput: 44.81 Mbit/s
95th percentile per-packet one-way delay: 133.440 ms
Loss rate: 2.23%
-- Flow 3:
Average throughput: 22.81 Mbit/s
95th percentile per-packet one-way delay: 133.539 ms
Loss rate: 0.00%
```

Run 4: Report of QUIC Cubic — Data Link

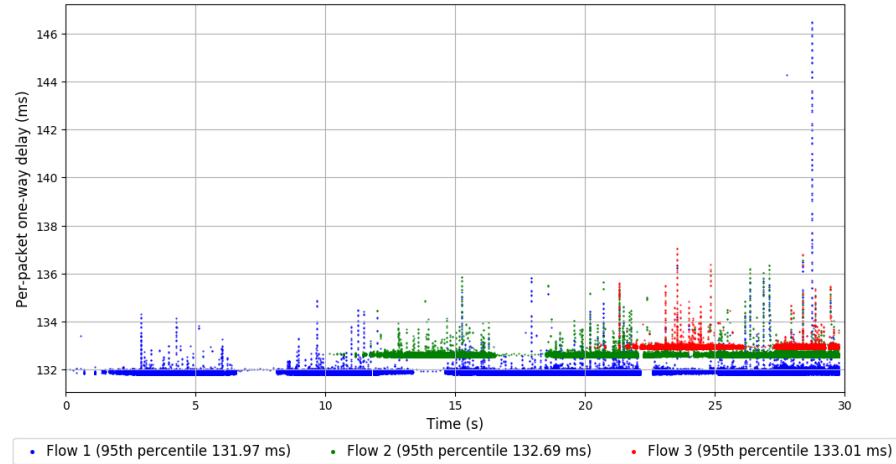
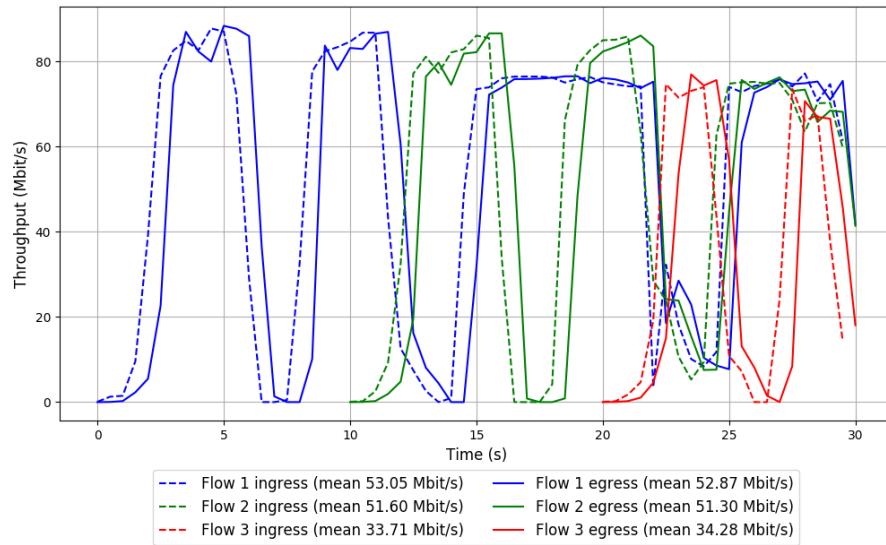


Run 5: Statistics of QUIC Cubic

```
Start at: 2019-10-03 14:13:14
End at: 2019-10-03 14:13:44
Local clock offset: 0.191 ms
Remote clock offset: 0.277 ms

# Below is generated by plot.py at 2019-10-03 16:59:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.92 Mbit/s
95th percentile per-packet one-way delay: 132.936 ms
Loss rate: 1.44%
-- Flow 1:
Average throughput: 52.87 Mbit/s
95th percentile per-packet one-way delay: 131.966 ms
Loss rate: 1.24%
-- Flow 2:
Average throughput: 51.30 Mbit/s
95th percentile per-packet one-way delay: 132.685 ms
Loss rate: 1.89%
-- Flow 3:
Average throughput: 34.28 Mbit/s
95th percentile per-packet one-way delay: 133.011 ms
Loss rate: 1.03%
```

Run 5: Report of QUIC Cubic — Data Link

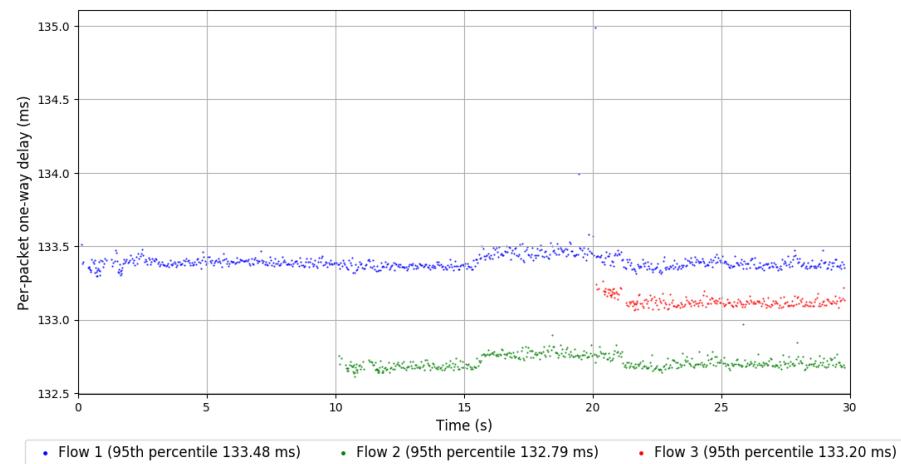
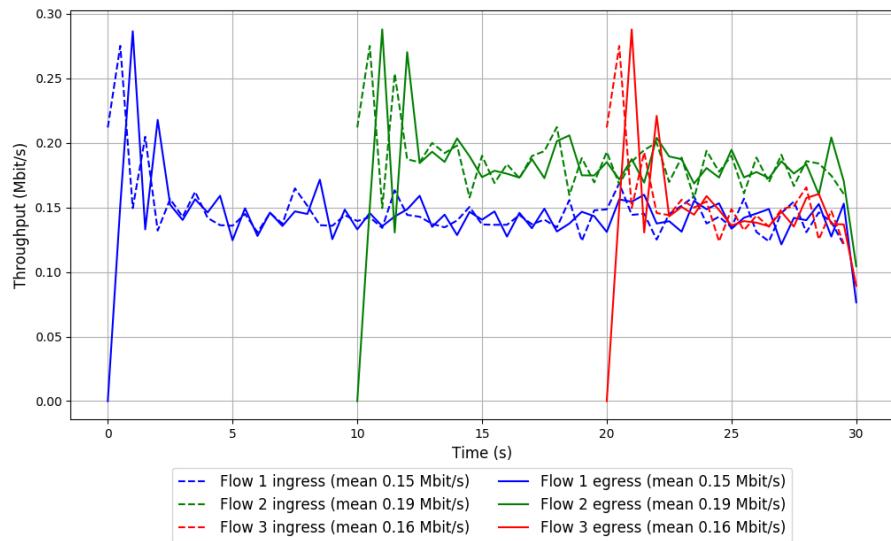


Run 1: Statistics of SCReAM

```
Start at: 2019-10-03 10:52:22
End at: 2019-10-03 10:52:52
Local clock offset: 0.169 ms
Remote clock offset: -0.088 ms

# Below is generated by plot.py at 2019-10-03 16:59:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 133.449 ms
Loss rate: 1.34%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 133.478 ms
Loss rate: 0.88%
-- Flow 2:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 132.789 ms
Loss rate: 1.42%
-- Flow 3:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 133.201 ms
Loss rate: 2.45%
```

Run 1: Report of SCReAM — Data Link

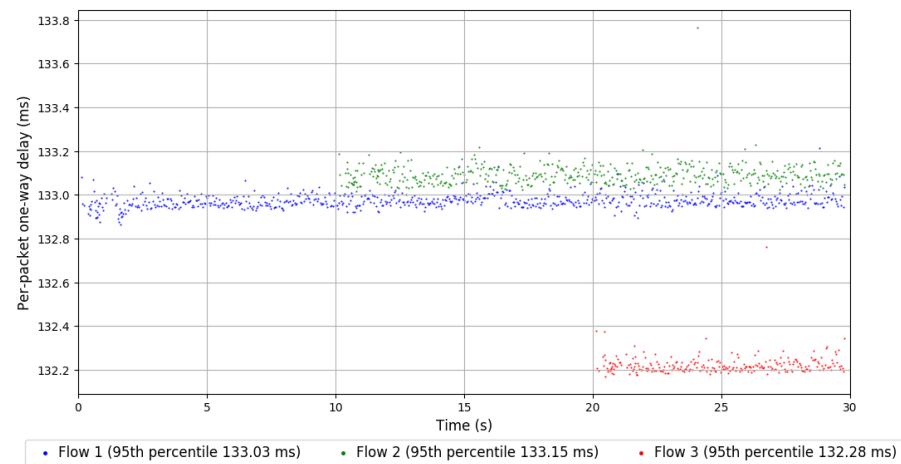
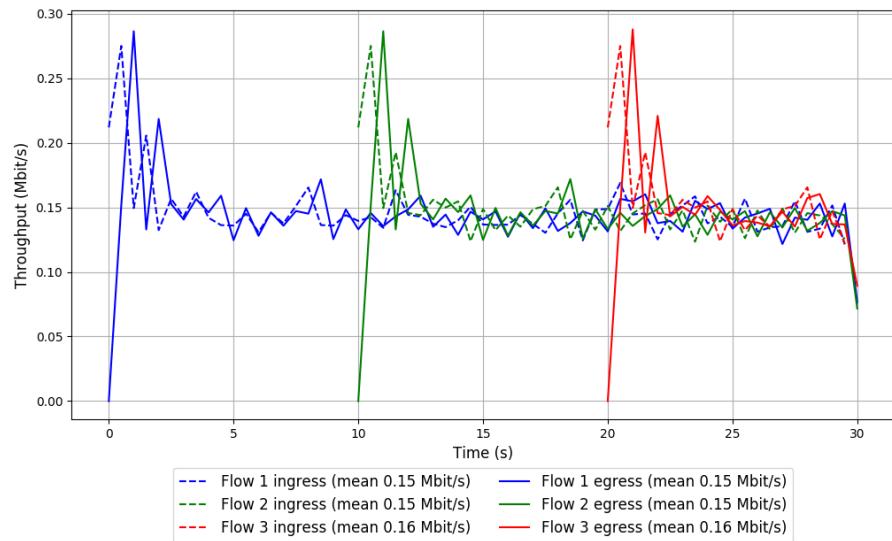


Run 2: Statistics of SCReAM

```
Start at: 2019-10-03 11:35:50
End at: 2019-10-03 11:36:20
Local clock offset: 0.079 ms
Remote clock offset: -0.063 ms

# Below is generated by plot.py at 2019-10-03 16:59:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 133.135 ms
Loss rate: 1.32%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 133.027 ms
Loss rate: 0.88%
-- Flow 2:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 133.154 ms
Loss rate: 1.39%
-- Flow 3:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 132.284 ms
Loss rate: 2.45%
```

Run 2: Report of SCReAM — Data Link

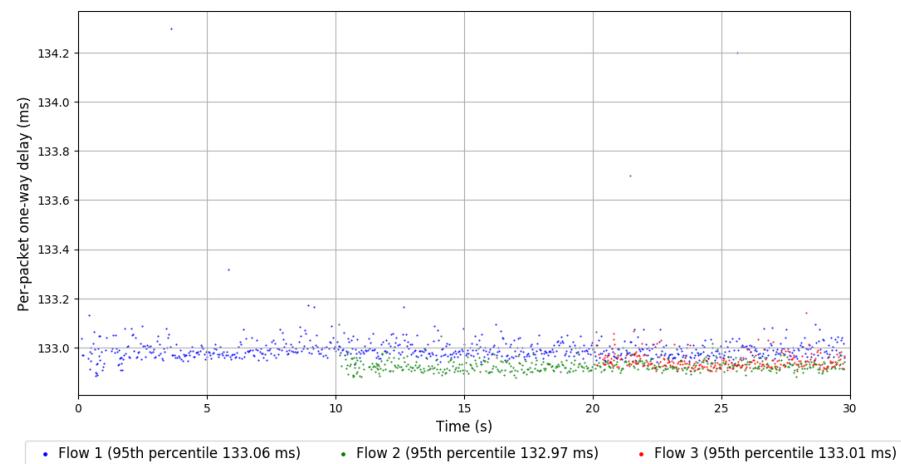
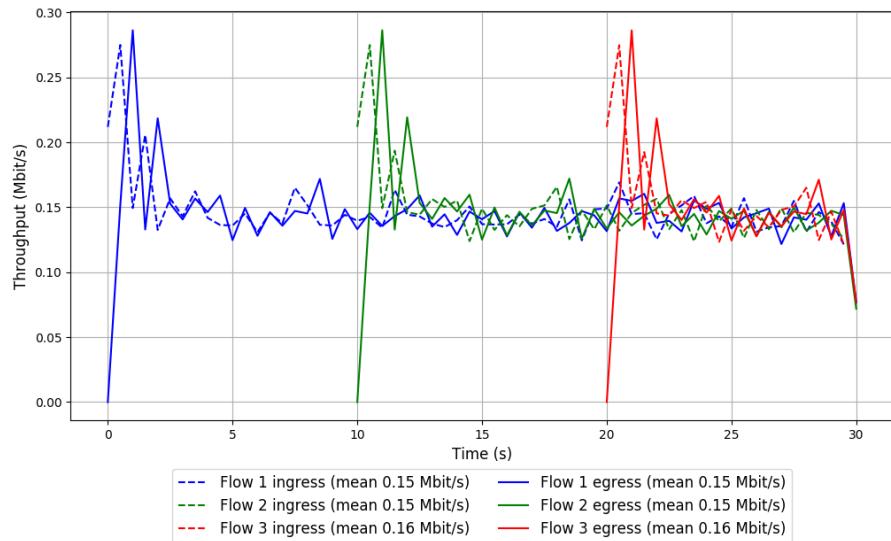


Run 3: Statistics of SCReAM

```
Start at: 2019-10-03 12:18:48
End at: 2019-10-03 12:19:18
Local clock offset: -0.017 ms
Remote clock offset: -0.001 ms

# Below is generated by plot.py at 2019-10-03 16:59:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 133.039 ms
Loss rate: 1.32%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 133.055 ms
Loss rate: 0.88%
-- Flow 2:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 132.968 ms
Loss rate: 1.39%
-- Flow 3:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 133.013 ms
Loss rate: 2.44%
```

Run 3: Report of SCReAM — Data Link

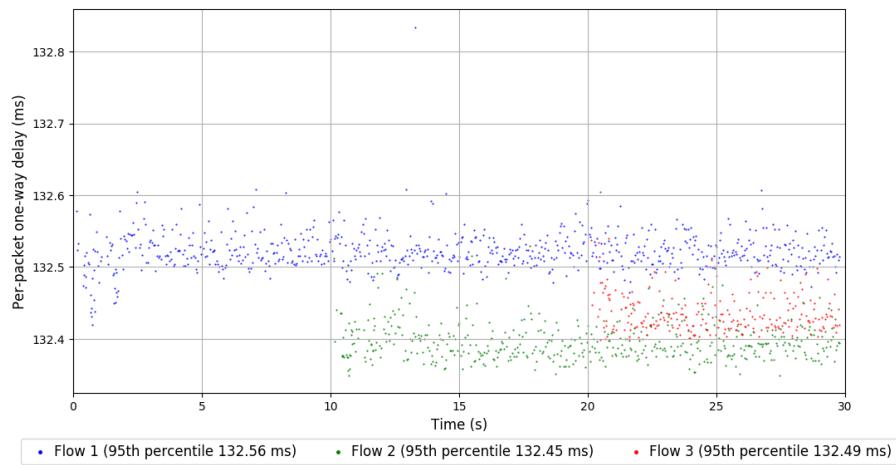
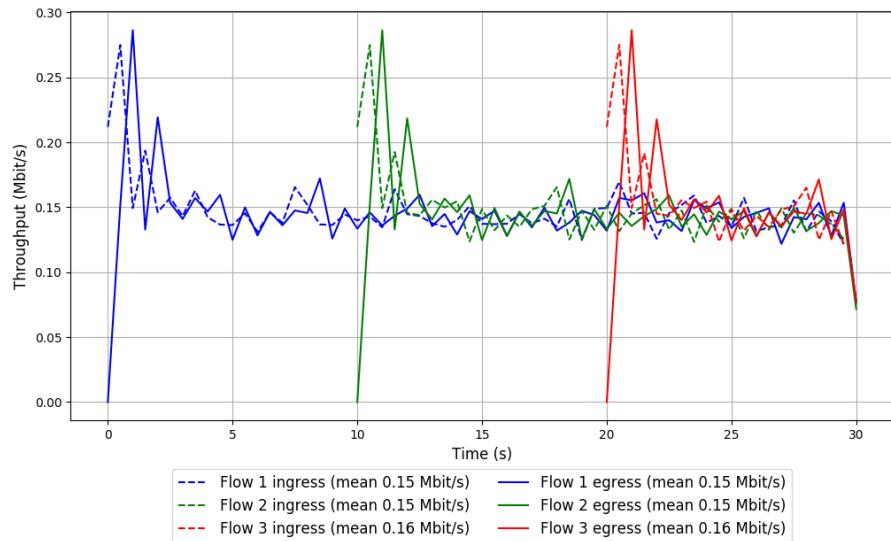


Run 4: Statistics of SCReAM

```
Start at: 2019-10-03 13:01:48
End at: 2019-10-03 13:02:18
Local clock offset: 0.057 ms
Remote clock offset: -0.015 ms

# Below is generated by plot.py at 2019-10-03 16:59:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 132.552 ms
Loss rate: 1.32%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 132.563 ms
Loss rate: 0.88%
-- Flow 2:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 132.447 ms
Loss rate: 1.39%
-- Flow 3:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 132.488 ms
Loss rate: 2.45%
```

Run 4: Report of SCReAM — Data Link

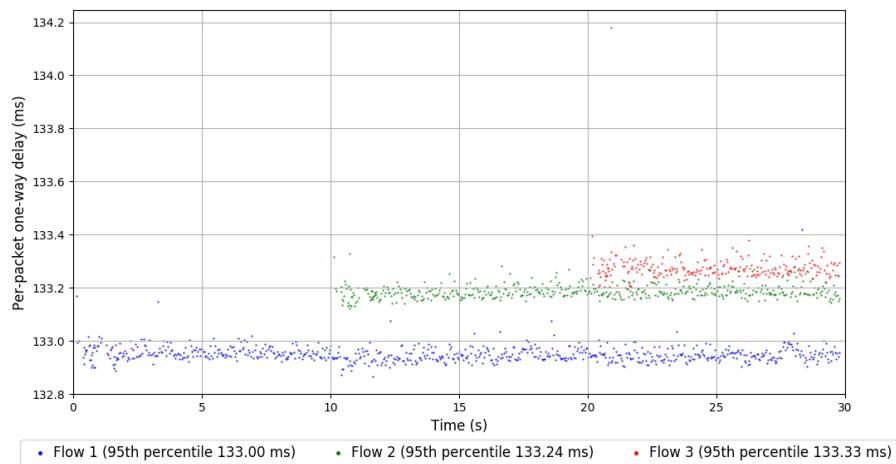
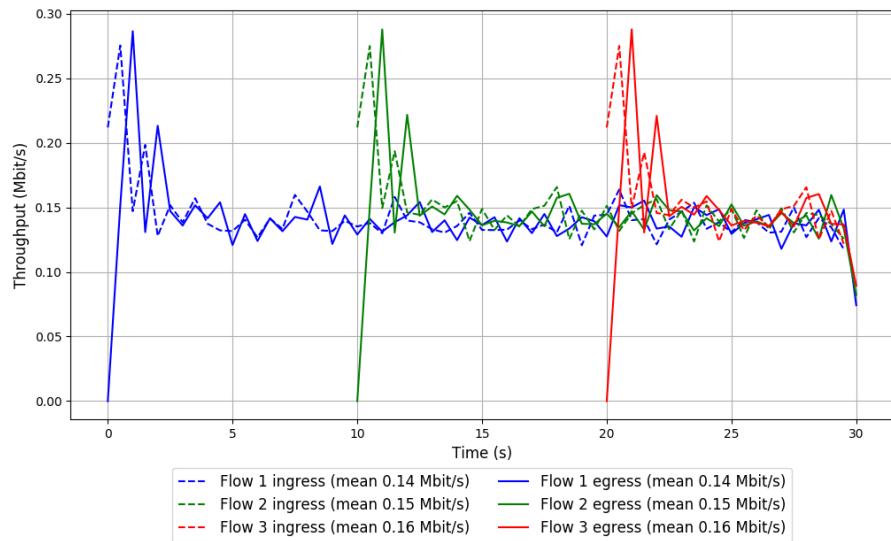


Run 5: Statistics of SCReAM

```
Start at: 2019-10-03 13:44:28
End at: 2019-10-03 13:44:58
Local clock offset: 0.035 ms
Remote clock offset: -0.076 ms

# Below is generated by plot.py at 2019-10-03 16:59:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 133.287 ms
Loss rate: 1.33%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 132.995 ms
Loss rate: 0.88%
-- Flow 2:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 133.236 ms
Loss rate: 1.39%
-- Flow 3:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 133.329 ms
Loss rate: 2.45%
```

Run 5: Report of SCReAM — Data Link

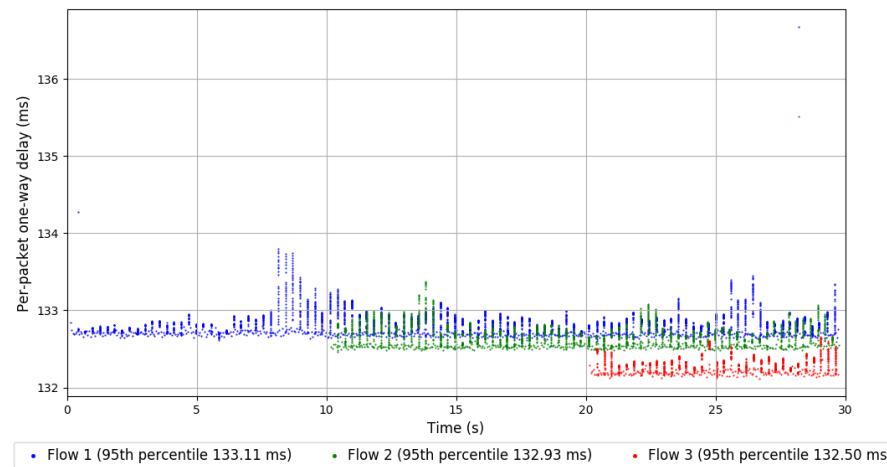
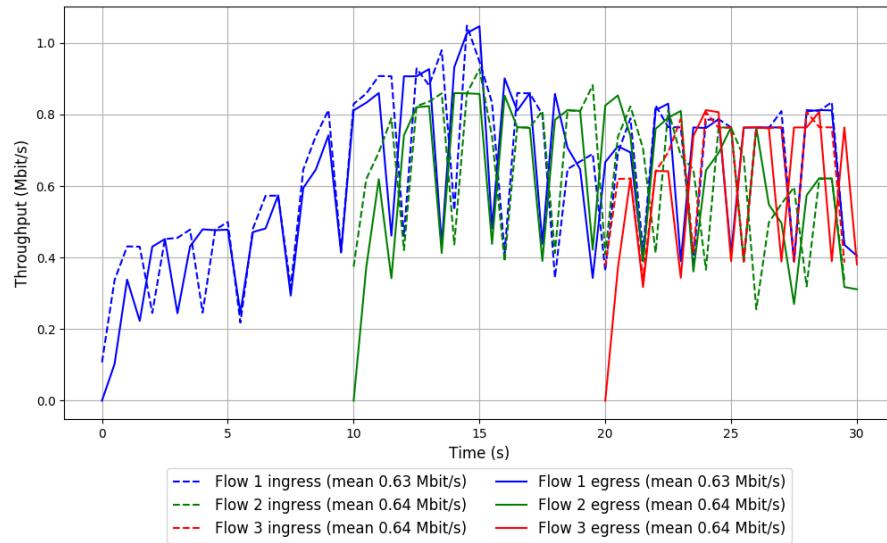


Run 1: Statistics of Sprout

```
Start at: 2019-10-03 11:19:52
End at: 2019-10-03 11:20:23
Local clock offset: -0.289 ms
Remote clock offset: -0.061 ms

# Below is generated by plot.py at 2019-10-03 16:59:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 133.023 ms
Loss rate: 1.51%
-- Flow 1:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 133.108 ms
Loss rate: 1.14%
-- Flow 2:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 132.933 ms
Loss rate: 1.30%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 132.497 ms
Loss rate: 3.03%
```

Run 1: Report of Sprout — Data Link

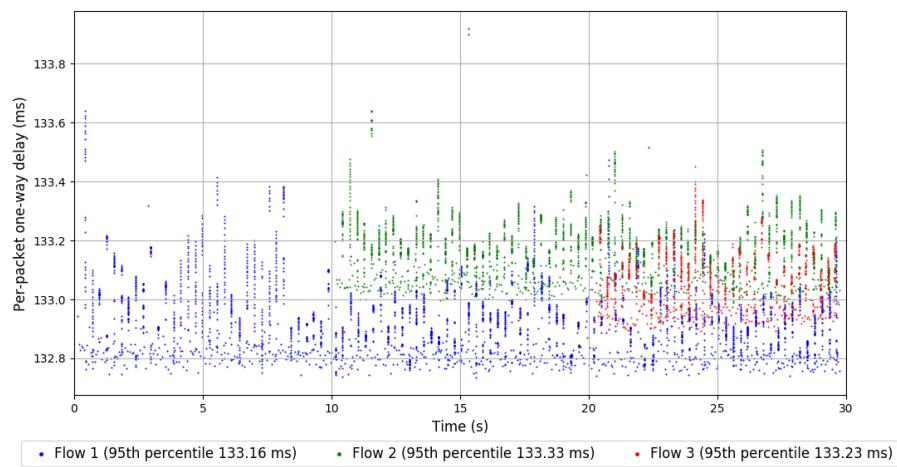
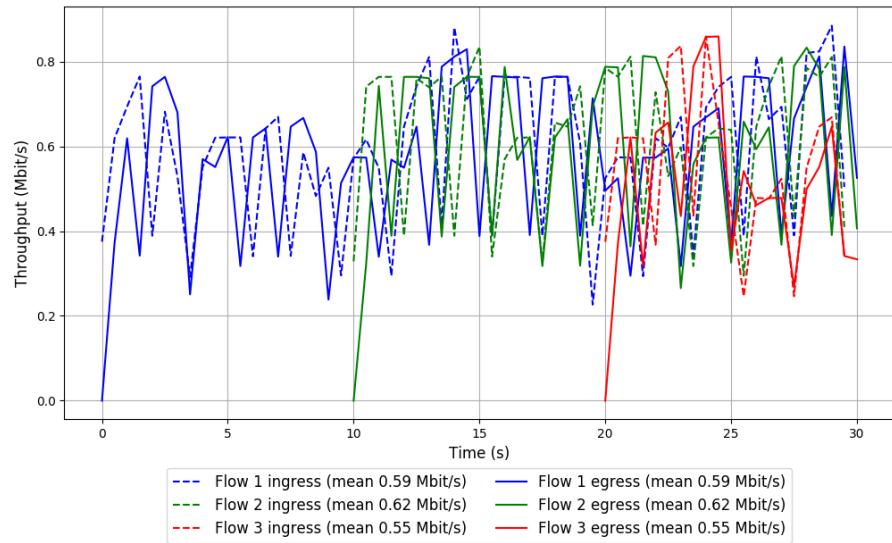


Run 2: Statistics of Sprout

```
Start at: 2019-10-03 12:03:02
End at: 2019-10-03 12:03:32
Local clock offset: -0.002 ms
Remote clock offset: -0.067 ms

# Below is generated by plot.py at 2019-10-03 16:59:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.18 Mbit/s
95th percentile per-packet one-way delay: 133.281 ms
Loss rate: 1.65%
-- Flow 1:
Average throughput: 0.59 Mbit/s
95th percentile per-packet one-way delay: 133.162 ms
Loss rate: 1.21%
-- Flow 2:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 133.327 ms
Loss rate: 1.64%
-- Flow 3:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: 133.232 ms
Loss rate: 3.09%
```

Run 2: Report of Sprout — Data Link

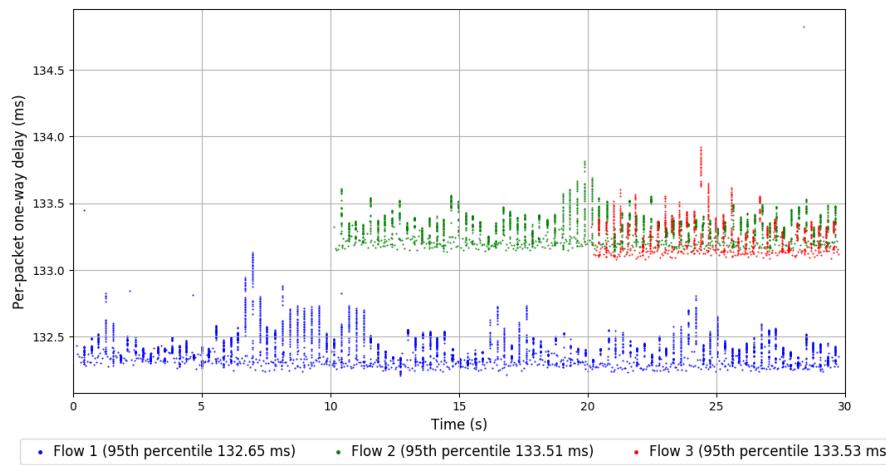
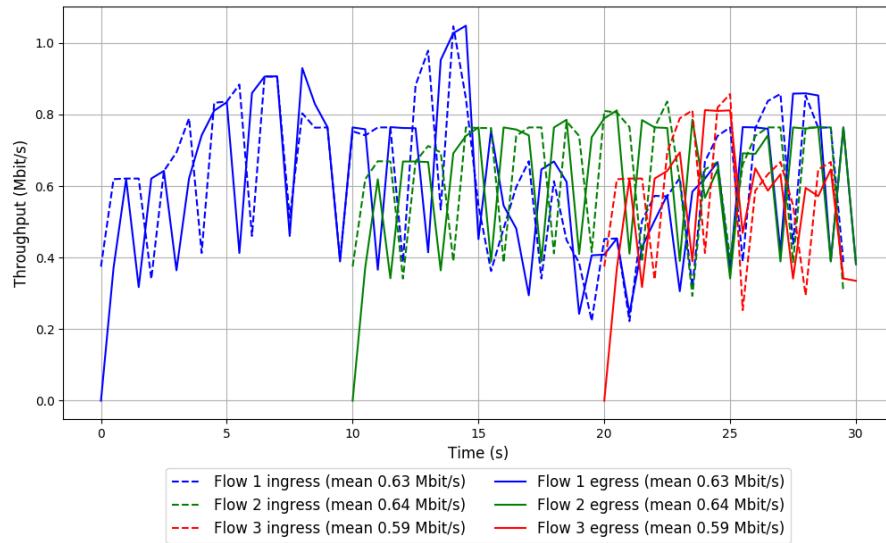


Run 3: Statistics of Sprout

```
Start at: 2019-10-03 12:46:22
End at: 2019-10-03 12:46:52
Local clock offset: 0.238 ms
Remote clock offset: 0.046 ms

# Below is generated by plot.py at 2019-10-03 16:59:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.24 Mbit/s
95th percentile per-packet one-way delay: 133.461 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 132.648 ms
Loss rate: 1.02%
-- Flow 2:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 133.514 ms
Loss rate: 1.19%
-- Flow 3:
Average throughput: 0.59 Mbit/s
95th percentile per-packet one-way delay: 133.533 ms
Loss rate: 2.89%
```

Run 3: Report of Sprout — Data Link

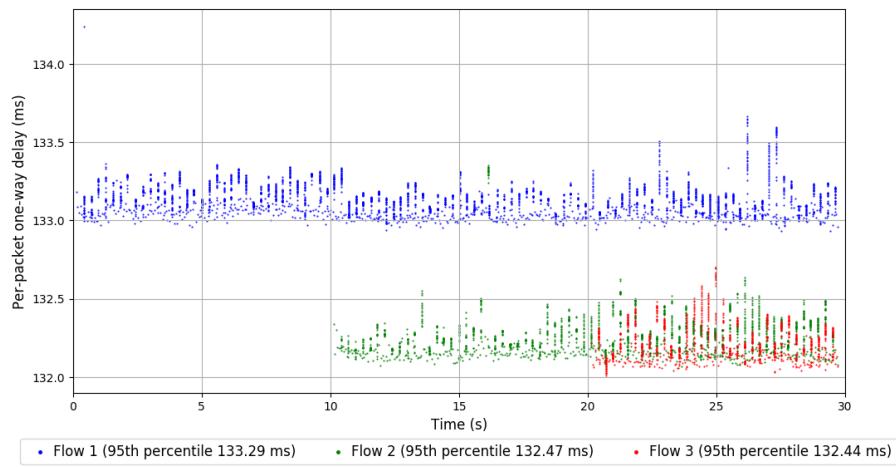
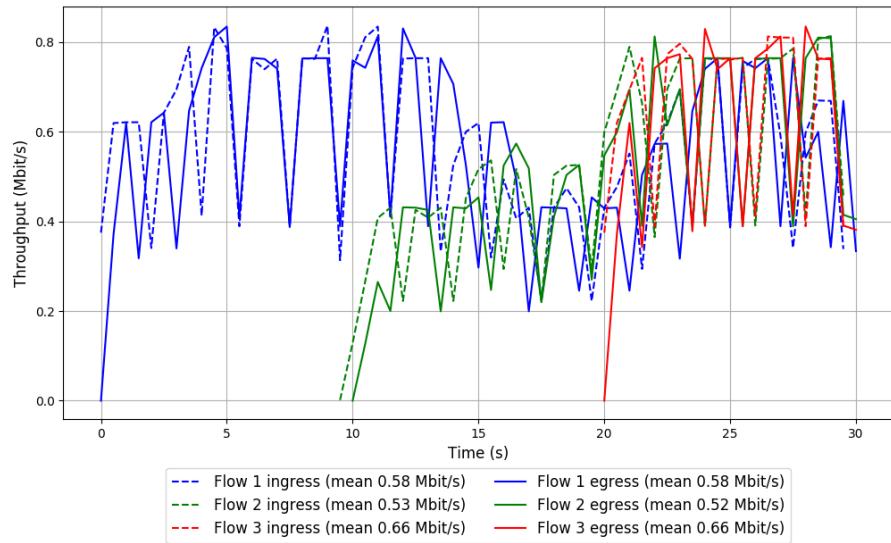


Run 4: Statistics of Sprout

```
Start at: 2019-10-03 13:29:11
End at: 2019-10-03 13:29:41
Local clock offset: -0.009 ms
Remote clock offset: -0.048 ms

# Below is generated by plot.py at 2019-10-03 16:59:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.14 Mbit/s
95th percentile per-packet one-way delay: 133.268 ms
Loss rate: 1.71%
-- Flow 1:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 133.294 ms
Loss rate: 0.97%
-- Flow 2:
Average throughput: 0.52 Mbit/s
95th percentile per-packet one-way delay: 132.470 ms
Loss rate: 2.16%
-- Flow 3:
Average throughput: 0.66 Mbit/s
95th percentile per-packet one-way delay: 132.438 ms
Loss rate: 2.94%
```

Run 4: Report of Sprout — Data Link

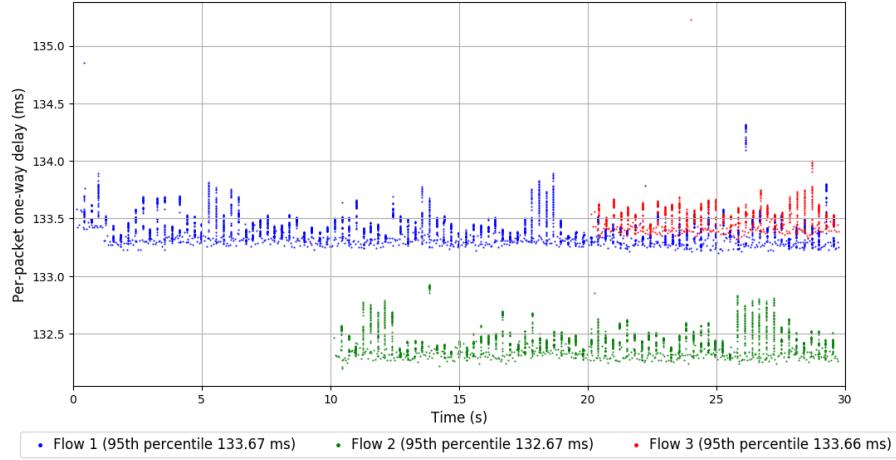
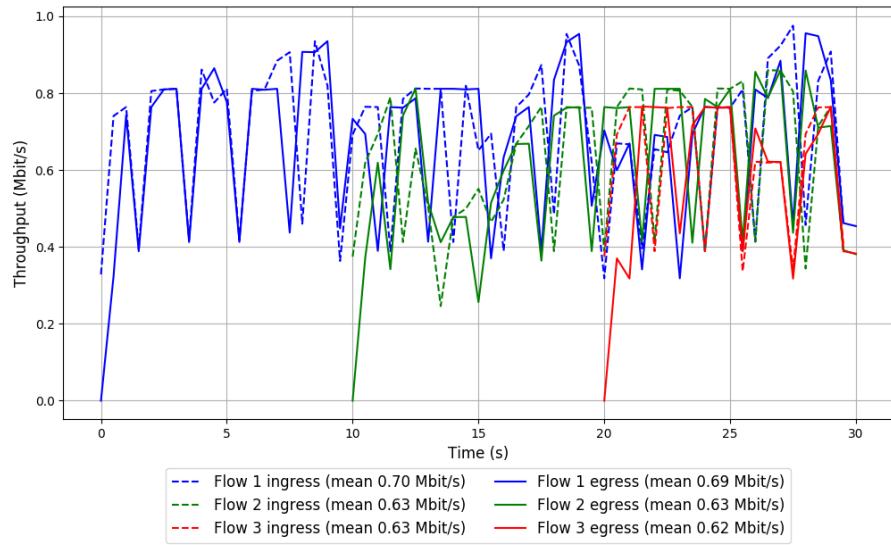


Run 5: Statistics of Sprout

```
Start at: 2019-10-03 14:11:55
End at: 2019-10-03 14:12:25
Local clock offset: 0.192 ms
Remote clock offset: -0.077 ms

# Below is generated by plot.py at 2019-10-03 16:59:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.31 Mbit/s
95th percentile per-packet one-way delay: 133.637 ms
Loss rate: 1.57%
-- Flow 1:
Average throughput: 0.69 Mbit/s
95th percentile per-packet one-way delay: 133.669 ms
Loss rate: 1.09%
-- Flow 2:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 132.671 ms
Loss rate: 1.52%
-- Flow 3:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 133.664 ms
Loss rate: 3.27%
```

Run 5: Report of Sprout — Data Link

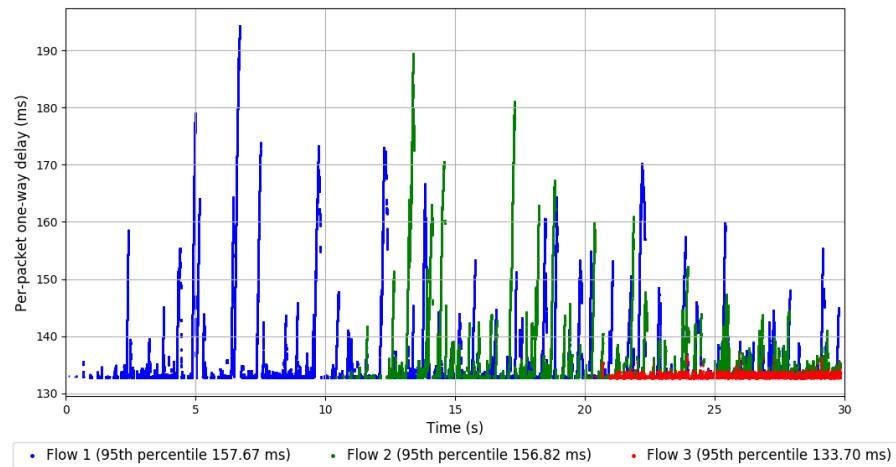
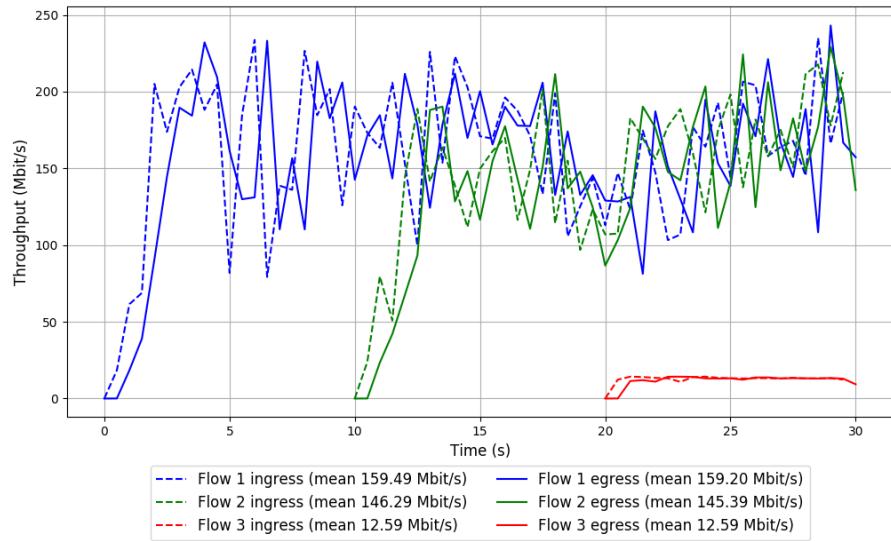


Run 1: Statistics of TaoVA-100x

```
Start at: 2019-10-03 11:24:31
End at: 2019-10-03 11:25:01
Local clock offset: -0.071 ms
Remote clock offset: -0.054 ms

# Below is generated by plot.py at 2019-10-03 17:02:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 259.75 Mbit/s
95th percentile per-packet one-way delay: 157.136 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 159.20 Mbit/s
95th percentile per-packet one-way delay: 157.666 ms
Loss rate: 1.07%
-- Flow 2:
Average throughput: 145.39 Mbit/s
95th percentile per-packet one-way delay: 156.825 ms
Loss rate: 1.94%
-- Flow 3:
Average throughput: 12.59 Mbit/s
95th percentile per-packet one-way delay: 133.700 ms
Loss rate: 2.67%
```

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

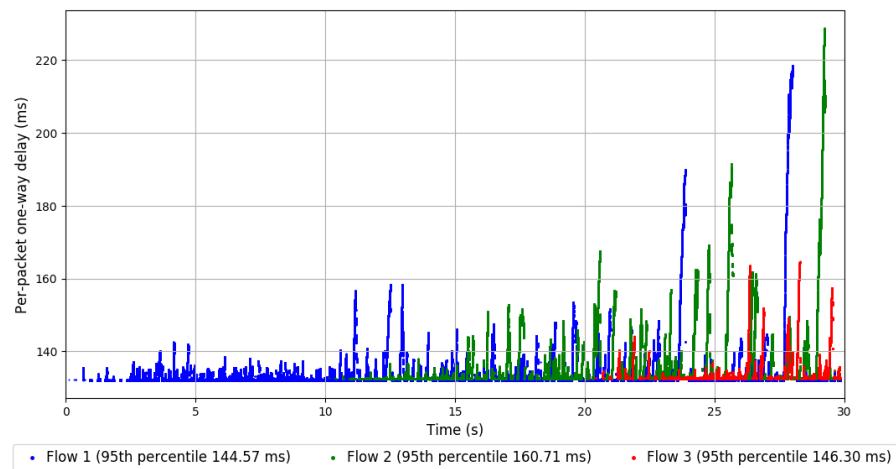
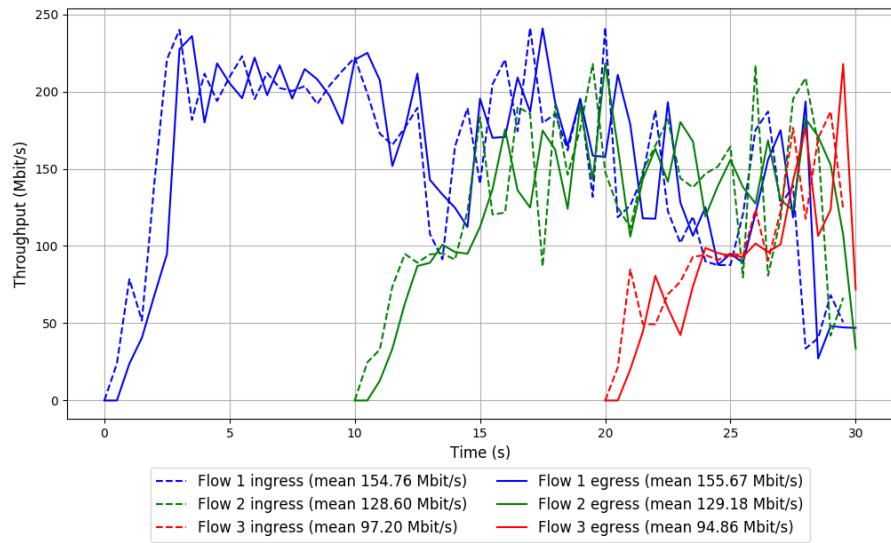


Run 2: Statistics of TaoVA-100x

```
Start at: 2019-10-03 12:07:38
End at: 2019-10-03 12:08:08
Local clock offset: -0.245 ms
Remote clock offset: -0.042 ms

# Below is generated by plot.py at 2019-10-03 17:03:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 272.28 Mbit/s
95th percentile per-packet one-way delay: 151.583 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 155.67 Mbit/s
95th percentile per-packet one-way delay: 144.570 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 129.18 Mbit/s
95th percentile per-packet one-way delay: 160.706 ms
Loss rate: 0.89%
-- Flow 3:
Average throughput: 94.86 Mbit/s
95th percentile per-packet one-way delay: 146.298 ms
Loss rate: 4.65%
```

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

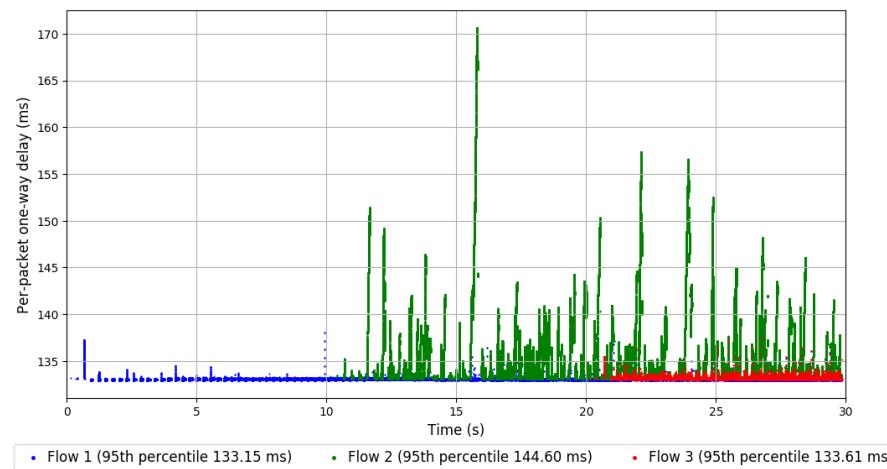
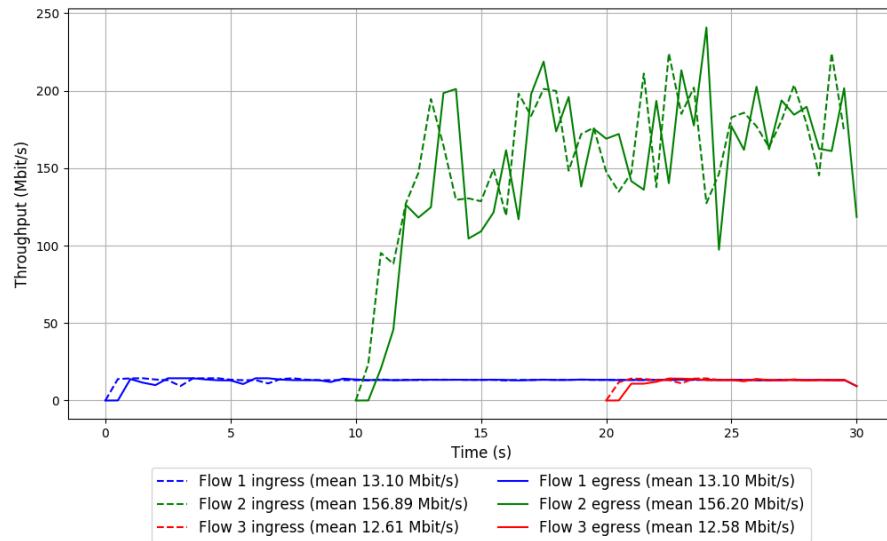


Run 3: Statistics of TaoVA-100x

```
Start at: 2019-10-03 12:50:59
End at: 2019-10-03 12:51:29
Local clock offset: 0.289 ms
Remote clock offset: 0.066 ms

# Below is generated by plot.py at 2019-10-03 17:03:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 120.61 Mbit/s
95th percentile per-packet one-way delay: 143.470 ms
Loss rate: 1.71%
-- Flow 1:
Average throughput: 13.10 Mbit/s
95th percentile per-packet one-way delay: 133.147 ms
Loss rate: 0.91%
-- Flow 2:
Average throughput: 156.20 Mbit/s
95th percentile per-packet one-way delay: 144.605 ms
Loss rate: 1.77%
-- Flow 3:
Average throughput: 12.58 Mbit/s
95th percentile per-packet one-way delay: 133.611 ms
Loss rate: 2.85%
```

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

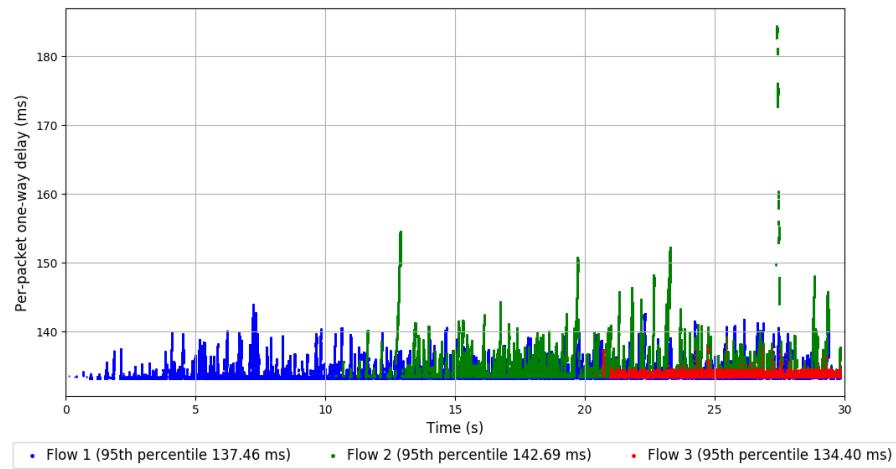
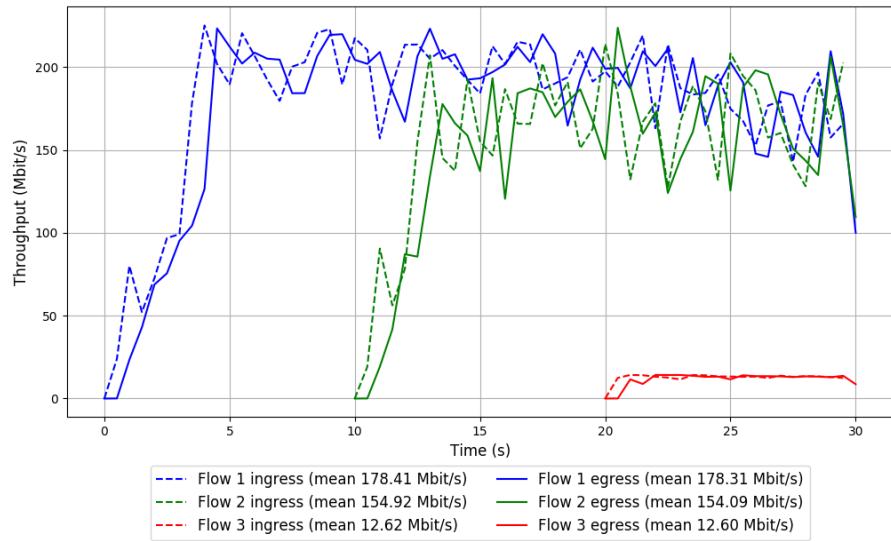


Run 4: Statistics of TaoVA-100x

```
Start at: 2019-10-03 13:33:45
End at: 2019-10-03 13:34:15
Local clock offset: 0.159 ms
Remote clock offset: -0.392 ms

# Below is generated by plot.py at 2019-10-03 17:04:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 284.57 Mbit/s
95th percentile per-packet one-way delay: 139.070 ms
Loss rate: 1.30%
-- Flow 1:
Average throughput: 178.31 Mbit/s
95th percentile per-packet one-way delay: 137.463 ms
Loss rate: 0.94%
-- Flow 2:
Average throughput: 154.09 Mbit/s
95th percentile per-packet one-way delay: 142.689 ms
Loss rate: 1.86%
-- Flow 3:
Average throughput: 12.60 Mbit/s
95th percentile per-packet one-way delay: 134.398 ms
Loss rate: 2.81%
```

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

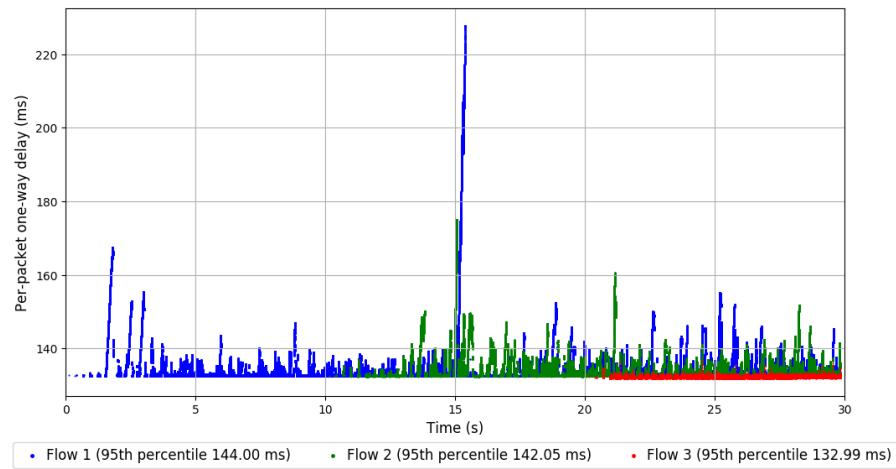
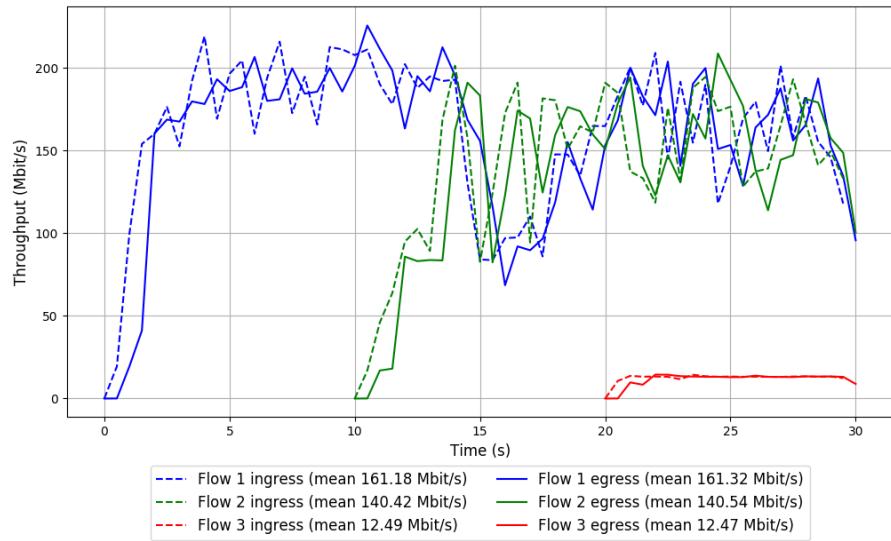


Run 5: Statistics of TaoVA-100x

```
Start at: 2019-10-03 14:16:29
End at: 2019-10-03 14:16:59
Local clock offset: -0.499 ms
Remote clock offset: -0.108 ms

# Below is generated by plot.py at 2019-10-03 17:05:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 258.37 Mbit/s
95th percentile per-packet one-way delay: 142.976 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 161.32 Mbit/s
95th percentile per-packet one-way delay: 143.999 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 140.54 Mbit/s
95th percentile per-packet one-way delay: 142.053 ms
Loss rate: 1.25%
-- Flow 3:
Average throughput: 12.47 Mbit/s
95th percentile per-packet one-way delay: 132.994 ms
Loss rate: 2.84%
```

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

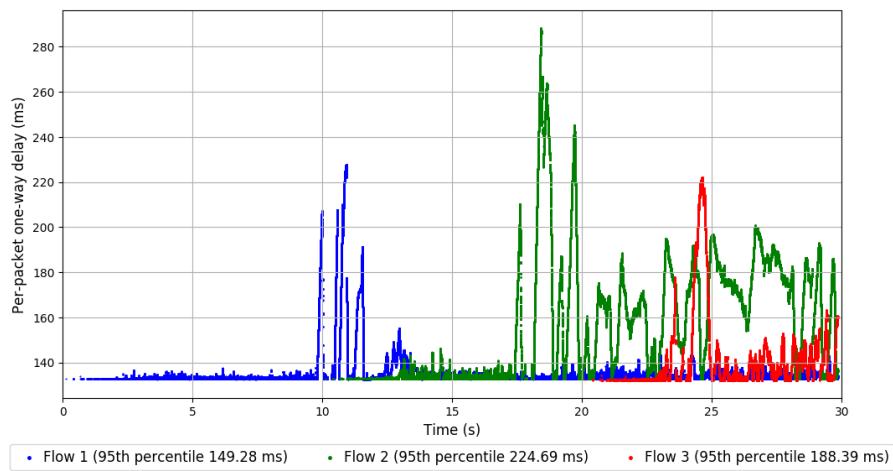
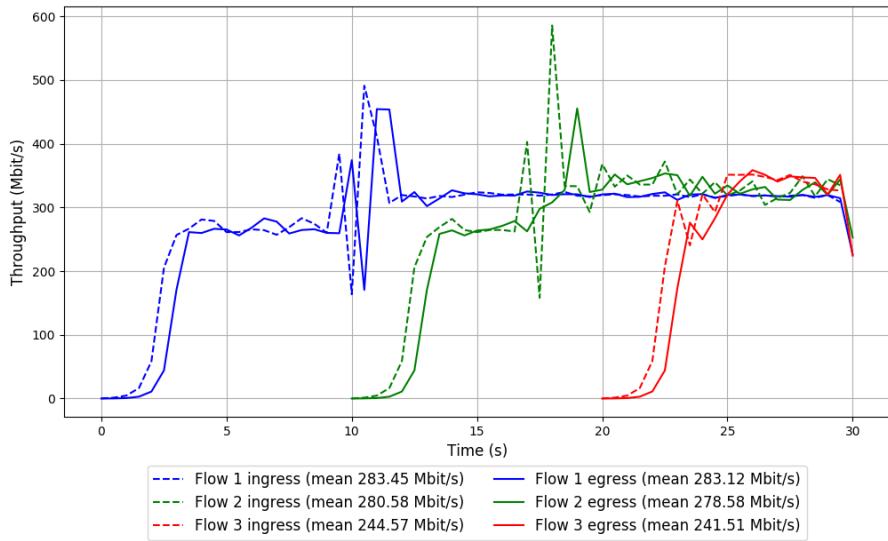


Run 1: Statistics of TCP Vegas

```
Start at: 2019-10-03 11:16:29
End at: 2019-10-03 11:16:59
Local clock offset: -0.205 ms
Remote clock offset: -0.04 ms

# Below is generated by plot.py at 2019-10-03 17:09:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 546.87 Mbit/s
95th percentile per-packet one-way delay: 191.991 ms
Loss rate: 1.77%
-- Flow 1:
Average throughput: 283.12 Mbit/s
95th percentile per-packet one-way delay: 149.276 ms
Loss rate: 1.00%
-- Flow 2:
Average throughput: 278.58 Mbit/s
95th percentile per-packet one-way delay: 224.685 ms
Loss rate: 2.03%
-- Flow 3:
Average throughput: 241.51 Mbit/s
95th percentile per-packet one-way delay: 188.393 ms
Loss rate: 3.88%
```

Run 1: Report of TCP Vegas — Data Link

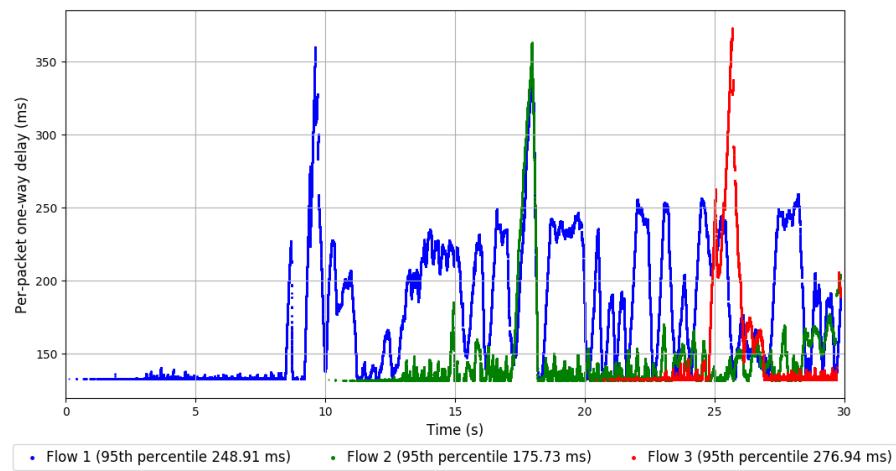
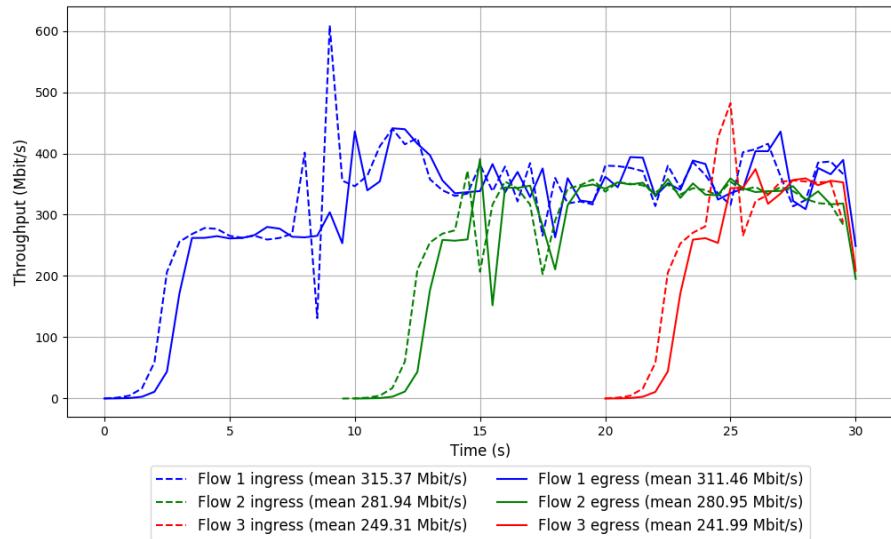


Run 2: Statistics of TCP Vegas

```
Start at: 2019-10-03 11:59:38
End at: 2019-10-03 12:00:08
Local clock offset: -0.003 ms
Remote clock offset: -0.041 ms

# Below is generated by plot.py at 2019-10-03 17:10:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 576.97 Mbit/s
95th percentile per-packet one-way delay: 246.981 ms
Loss rate: 2.46%
-- Flow 1:
Average throughput: 311.46 Mbit/s
95th percentile per-packet one-way delay: 248.914 ms
Loss rate: 2.11%
-- Flow 2:
Average throughput: 280.95 Mbit/s
95th percentile per-packet one-way delay: 175.726 ms
Loss rate: 1.67%
-- Flow 3:
Average throughput: 241.99 Mbit/s
95th percentile per-packet one-way delay: 276.944 ms
Loss rate: 5.56%
```

Run 2: Report of TCP Vegas — Data Link

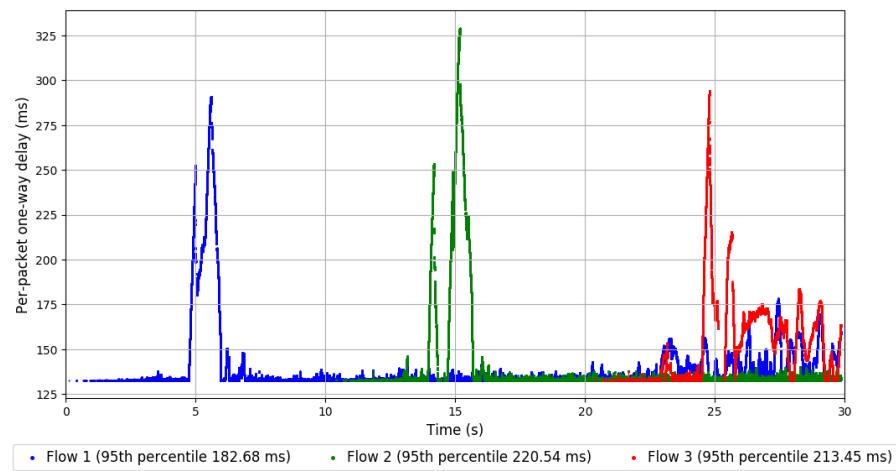
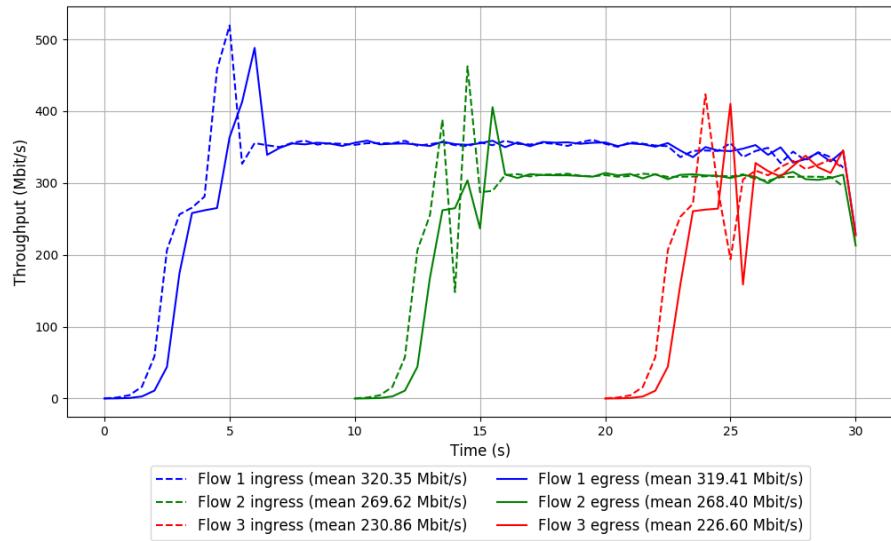


Run 3: Statistics of TCP Vegas

```
Start at: 2019-10-03 12:42:58
End at: 2019-10-03 12:43:28
Local clock offset: -0.111 ms
Remote clock offset: 0.049 ms

# Below is generated by plot.py at 2019-10-03 17:13:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 571.45 Mbit/s
95th percentile per-packet one-way delay: 202.948 ms
Loss rate: 1.80%
-- Flow 1:
Average throughput: 319.41 Mbit/s
95th percentile per-packet one-way delay: 182.679 ms
Loss rate: 1.18%
-- Flow 2:
Average throughput: 268.40 Mbit/s
95th percentile per-packet one-way delay: 220.542 ms
Loss rate: 1.78%
-- Flow 3:
Average throughput: 226.60 Mbit/s
95th percentile per-packet one-way delay: 213.454 ms
Loss rate: 4.45%
```

Run 3: Report of TCP Vegas — Data Link

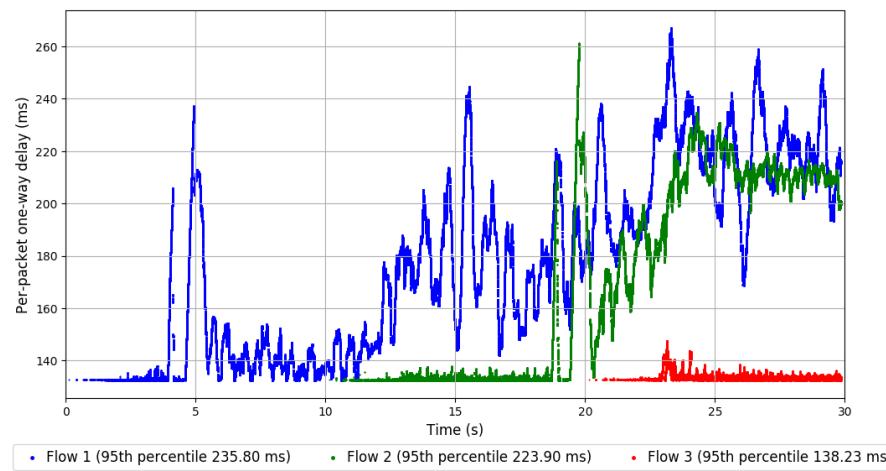
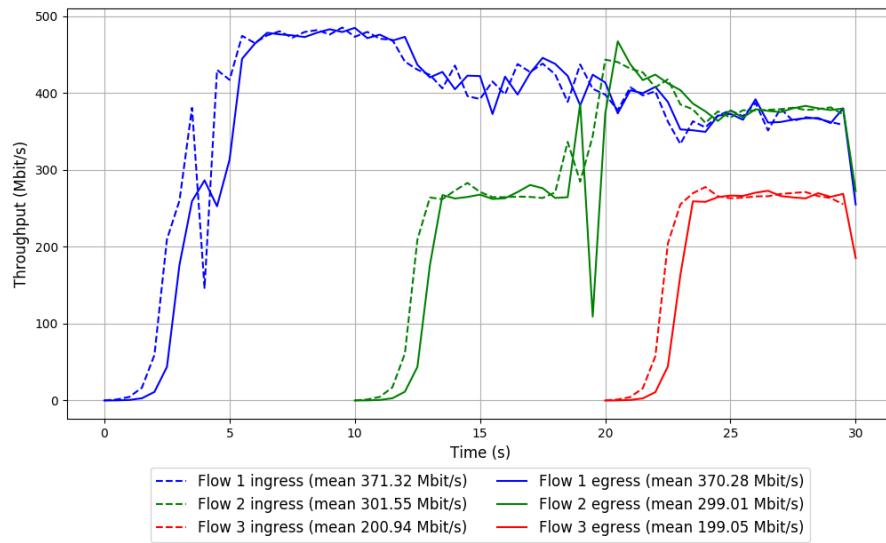


Run 4: Statistics of TCP Vegas

```
Start at: 2019-10-03 13:25:34
End at: 2019-10-03 13:26:04
Local clock offset: 0.279 ms
Remote clock offset: -0.018 ms

# Below is generated by plot.py at 2019-10-03 17:15:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 633.65 Mbit/s
95th percentile per-packet one-way delay: 230.504 ms
Loss rate: 1.73%
-- Flow 1:
Average throughput: 370.28 Mbit/s
95th percentile per-packet one-way delay: 235.798 ms
Loss rate: 1.16%
-- Flow 2:
Average throughput: 299.01 Mbit/s
95th percentile per-packet one-way delay: 223.896 ms
Loss rate: 2.16%
-- Flow 3:
Average throughput: 199.05 Mbit/s
95th percentile per-packet one-way delay: 138.226 ms
Loss rate: 3.56%
```

Run 4: Report of TCP Vegas — Data Link

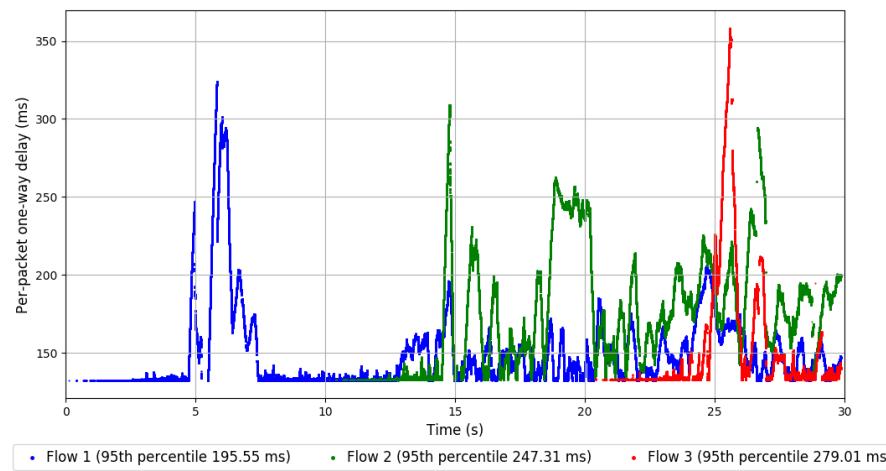
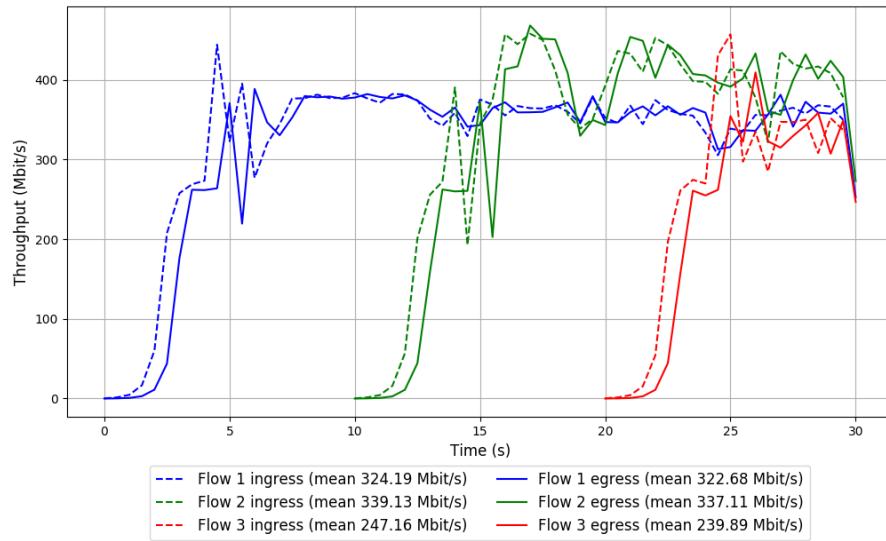


Run 5: Statistics of TCP Vegas

```
Start at: 2019-10-03 14:08:26
End at: 2019-10-03 14:08:56
Local clock offset: -0.088 ms
Remote clock offset: -0.07 ms

# Below is generated by plot.py at 2019-10-03 17:16:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 624.52 Mbit/s
95th percentile per-packet one-way delay: 242.737 ms
Loss rate: 2.10%
-- Flow 1:
Average throughput: 322.68 Mbit/s
95th percentile per-packet one-way delay: 195.547 ms
Loss rate: 1.35%
-- Flow 2:
Average throughput: 337.11 Mbit/s
95th percentile per-packet one-way delay: 247.311 ms
Loss rate: 1.92%
-- Flow 3:
Average throughput: 239.89 Mbit/s
95th percentile per-packet one-way delay: 279.015 ms
Loss rate: 5.53%
```

Run 5: Report of TCP Vegas — Data Link

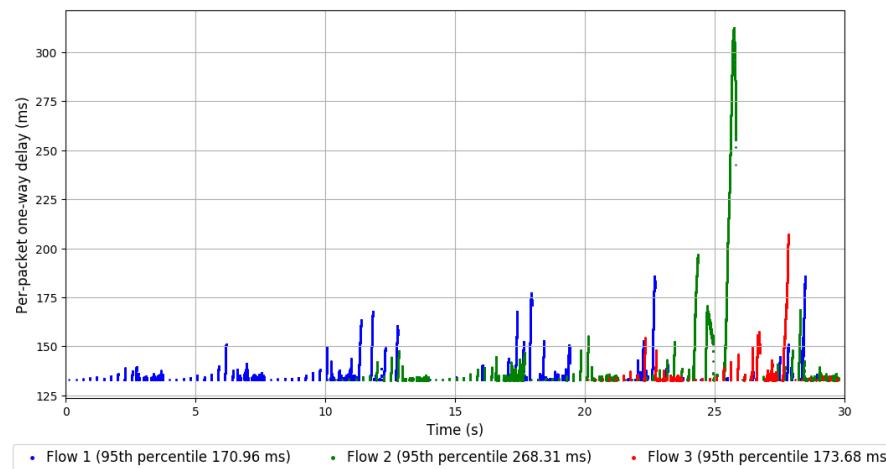
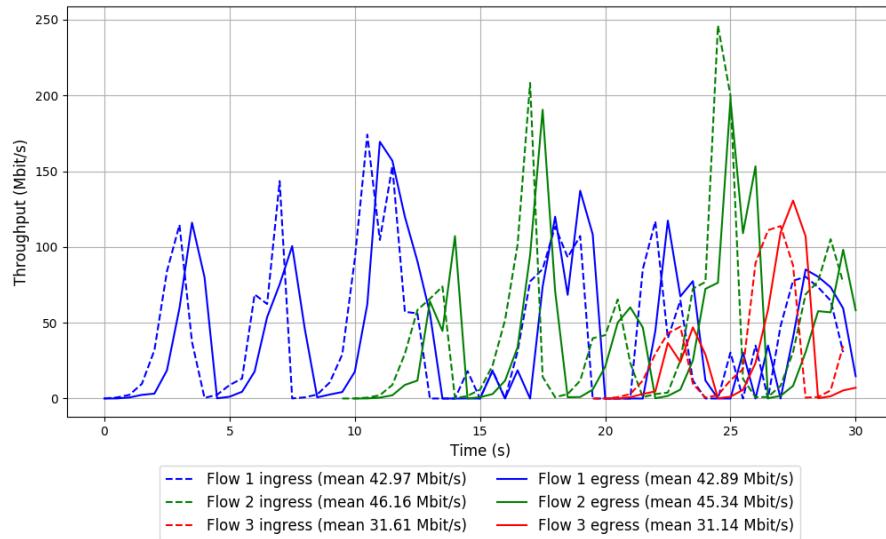


Run 1: Statistics of Verus

```
Start at: 2019-10-03 11:18:24
End at: 2019-10-03 11:18:54
Local clock offset: -0.071 ms
Remote clock offset: -0.064 ms

# Below is generated by plot.py at 2019-10-03 17:16:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 83.03 Mbit/s
95th percentile per-packet one-way delay: 182.435 ms
Loss rate: 2.10%
-- Flow 1:
Average throughput: 42.89 Mbit/s
95th percentile per-packet one-way delay: 170.960 ms
Loss rate: 0.82%
-- Flow 2:
Average throughput: 45.34 Mbit/s
95th percentile per-packet one-way delay: 268.311 ms
Loss rate: 3.09%
-- Flow 3:
Average throughput: 31.14 Mbit/s
95th percentile per-packet one-way delay: 173.678 ms
Loss rate: 4.42%
```

Run 1: Report of Verus — Data Link

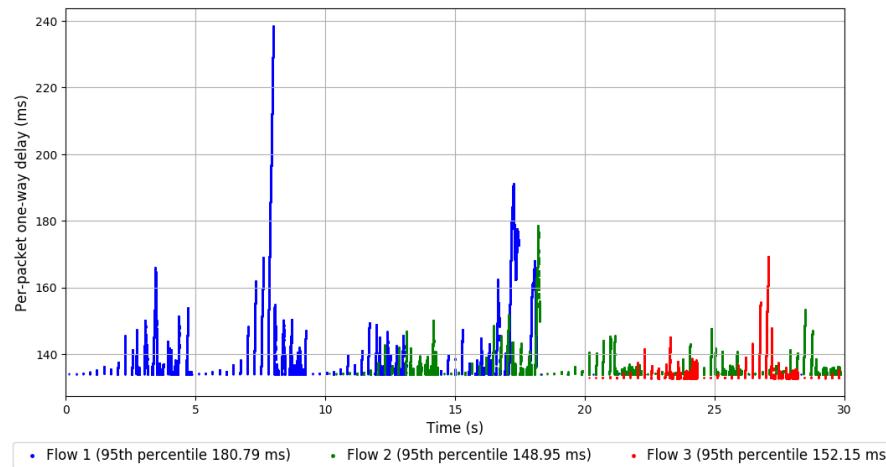
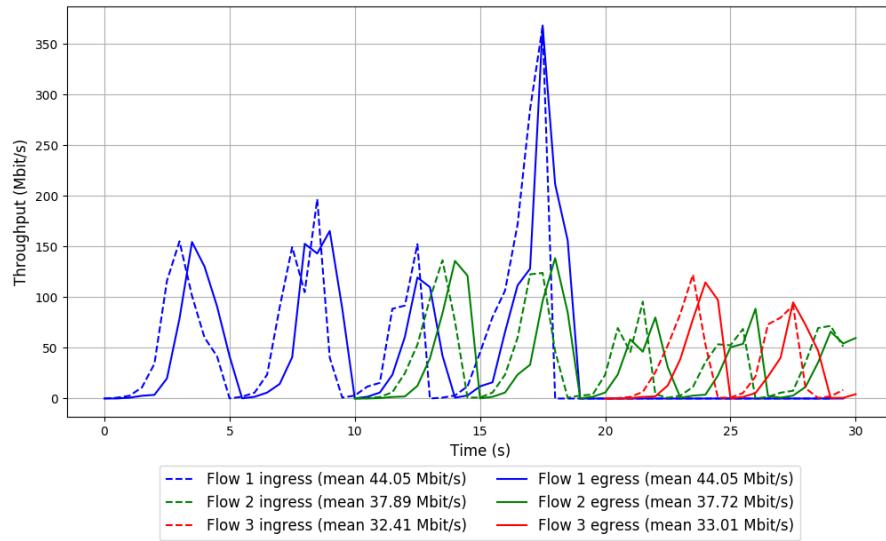


Run 2: Statistics of Verus

```
Start at: 2019-10-03 12:01:34
End at: 2019-10-03 12:02:04
Local clock offset: 0.397 ms
Remote clock offset: -0.438 ms

# Below is generated by plot.py at 2019-10-03 17:16:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.03 Mbit/s
95th percentile per-packet one-way delay: 175.036 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 44.05 Mbit/s
95th percentile per-packet one-way delay: 180.791 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.72 Mbit/s
95th percentile per-packet one-way delay: 148.950 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 33.01 Mbit/s
95th percentile per-packet one-way delay: 152.154 ms
Loss rate: 0.89%
```

Run 2: Report of Verus — Data Link

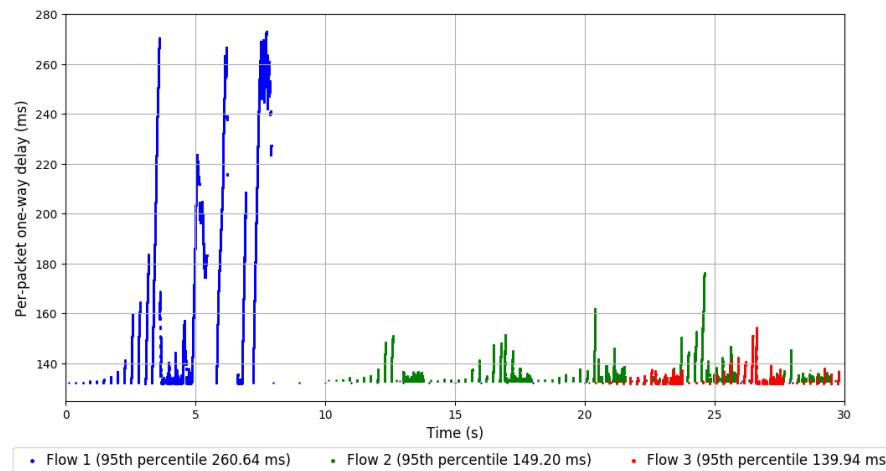
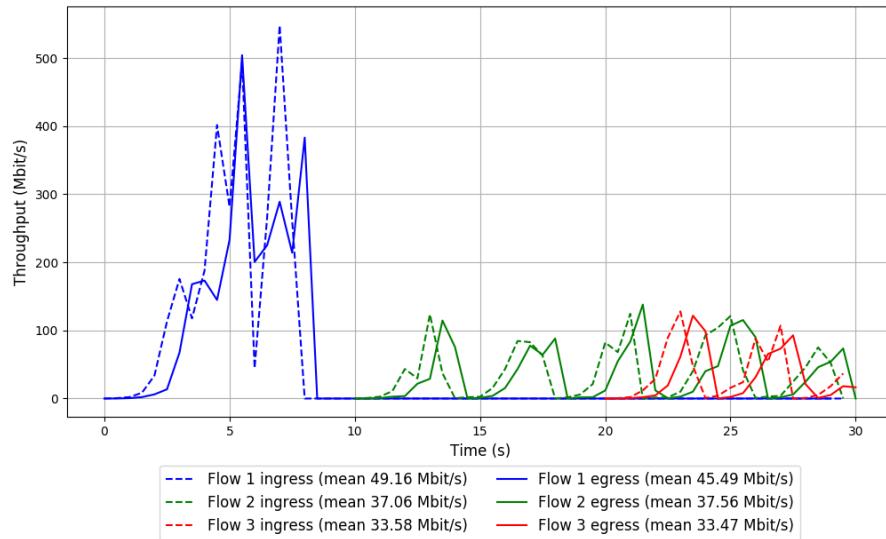


Run 3: Statistics of Verus

```
Start at: 2019-10-03 12:44:54
End at: 2019-10-03 12:45:24
Local clock offset: 0.097 ms
Remote clock offset: 0.037 ms

# Below is generated by plot.py at 2019-10-03 17:16:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.90 Mbit/s
95th percentile per-packet one-way delay: 256.984 ms
Loss rate: 6.52%
-- Flow 1:
Average throughput: 45.49 Mbit/s
95th percentile per-packet one-way delay: 260.644 ms
Loss rate: 10.56%
-- Flow 2:
Average throughput: 37.56 Mbit/s
95th percentile per-packet one-way delay: 149.196 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 33.47 Mbit/s
95th percentile per-packet one-way delay: 139.943 ms
Loss rate: 3.05%
```

Run 3: Report of Verus — Data Link

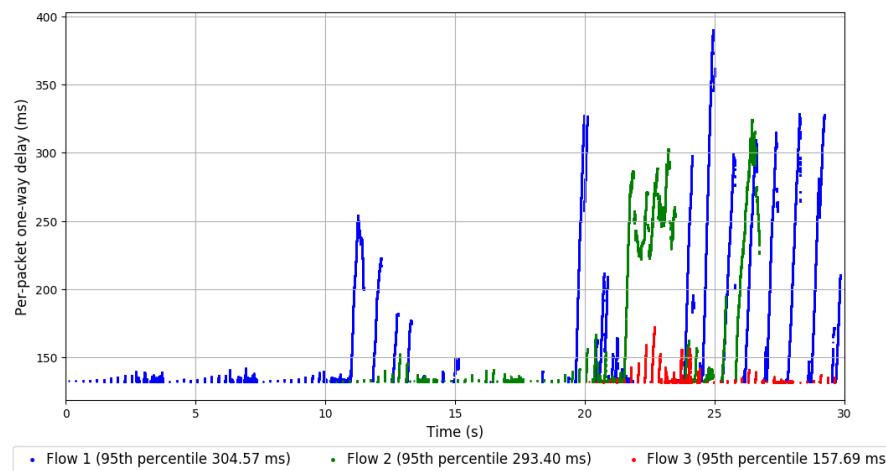
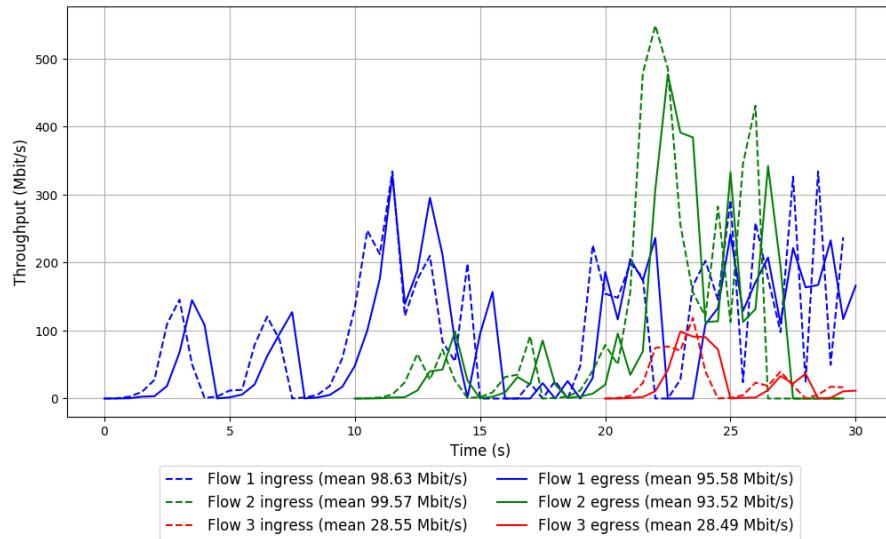


Run 4: Statistics of Verus

```
Start at: 2019-10-03 13:27:33
End at: 2019-10-03 13:28:03
Local clock offset: -0.048 ms
Remote clock offset: 0.344 ms

# Below is generated by plot.py at 2019-10-03 17:16:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 164.04 Mbit/s
95th percentile per-packet one-way delay: 296.870 ms
Loss rate: 6.25%
-- Flow 1:
Average throughput: 95.58 Mbit/s
95th percentile per-packet one-way delay: 304.575 ms
Loss rate: 3.50%
-- Flow 2:
Average throughput: 93.52 Mbit/s
95th percentile per-packet one-way delay: 293.398 ms
Loss rate: 10.81%
-- Flow 3:
Average throughput: 28.49 Mbit/s
95th percentile per-packet one-way delay: 157.685 ms
Loss rate: 2.98%
```

Run 4: Report of Verus — Data Link

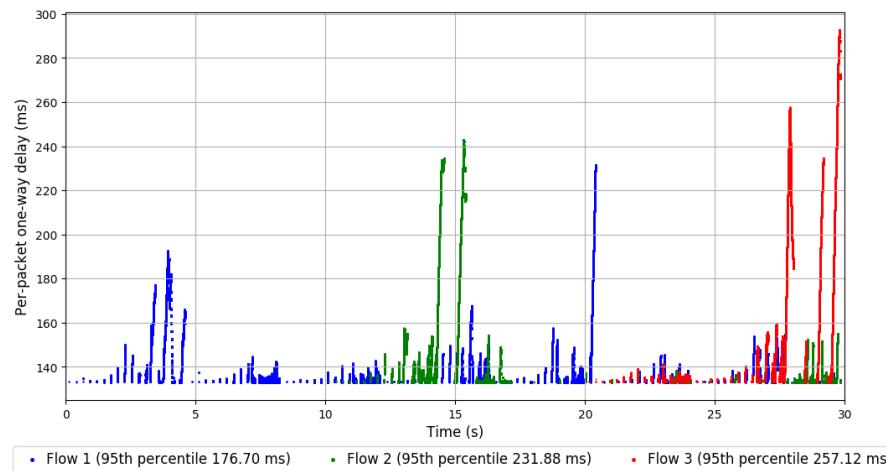
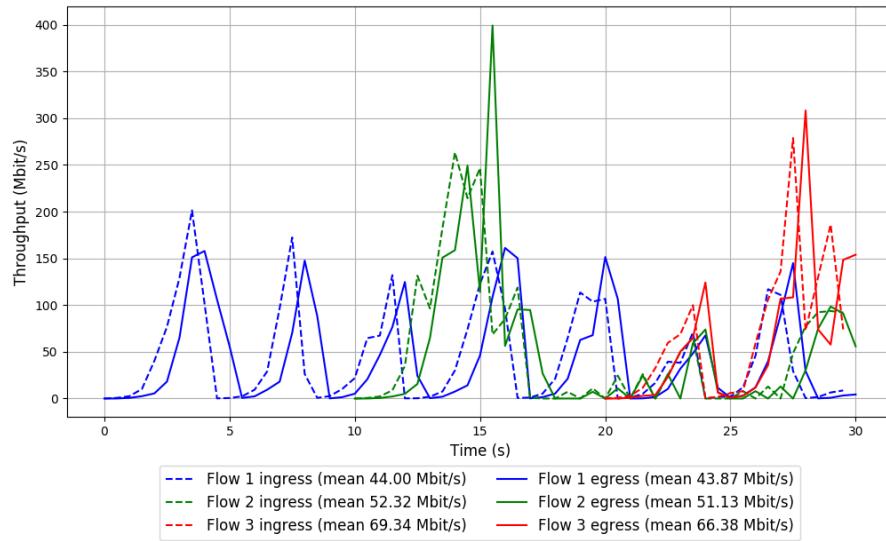


Run 5: Statistics of Verus

```
Start at: 2019-10-03 14:10:25
End at: 2019-10-03 14:10:55
Local clock offset: 0.061 ms
Remote clock offset: -0.108 ms

# Below is generated by plot.py at 2019-10-03 17:16:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 99.42 Mbit/s
95th percentile per-packet one-way delay: 230.745 ms
Loss rate: 2.20%
-- Flow 1:
Average throughput: 43.87 Mbit/s
95th percentile per-packet one-way delay: 176.699 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 51.13 Mbit/s
95th percentile per-packet one-way delay: 231.883 ms
Loss rate: 3.56%
-- Flow 3:
Average throughput: 66.38 Mbit/s
95th percentile per-packet one-way delay: 257.118 ms
Loss rate: 3.73%
```

Run 5: Report of Verus — Data Link

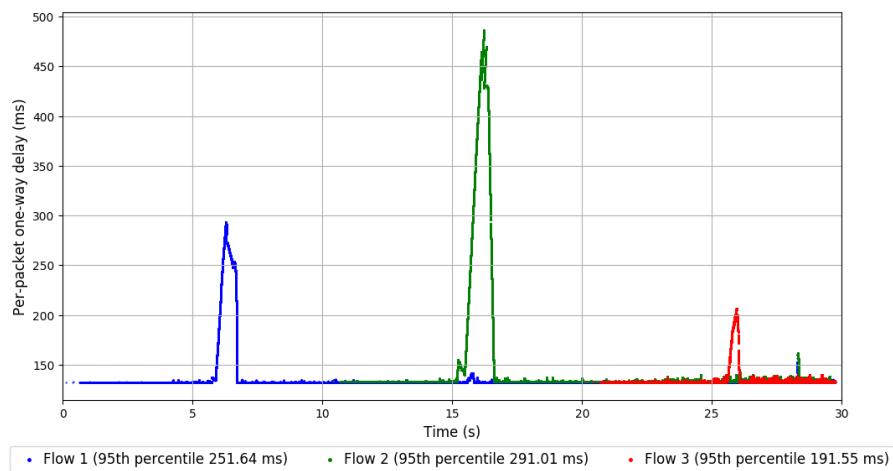
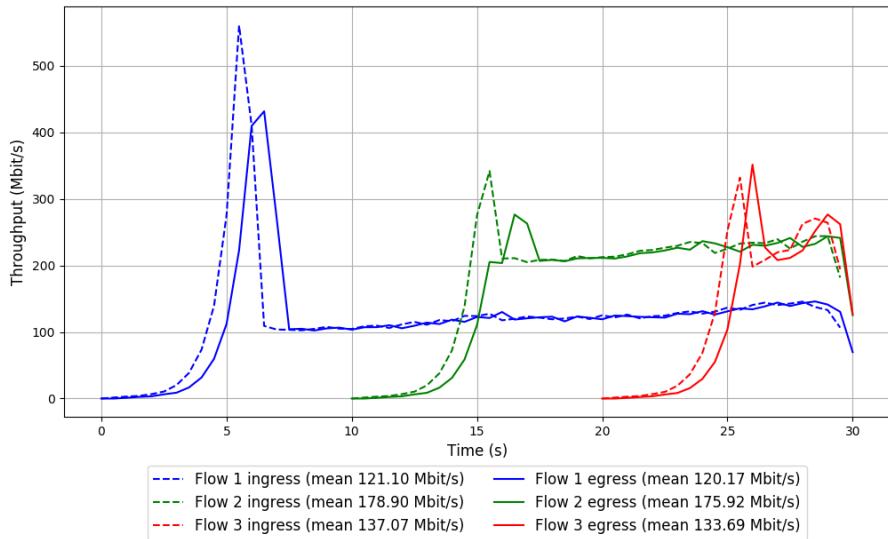


```
Run 1: Statistics of PCC-Vivace
```

```
Start at: 2019-10-03 10:55:41
End at: 2019-10-03 10:56:11
Local clock offset: -0.265 ms
Remote clock offset: -0.088 ms

# Below is generated by plot.py at 2019-10-03 17:16:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 279.90 Mbit/s
95th percentile per-packet one-way delay: 249.337 ms
Loss rate: 2.75%
-- Flow 1:
Average throughput: 120.17 Mbit/s
95th percentile per-packet one-way delay: 251.638 ms
Loss rate: 1.65%
-- Flow 2:
Average throughput: 175.92 Mbit/s
95th percentile per-packet one-way delay: 291.007 ms
Loss rate: 2.99%
-- Flow 3:
Average throughput: 133.69 Mbit/s
95th percentile per-packet one-way delay: 191.554 ms
Loss rate: 5.11%
```

Run 1: Report of PCC-Vivace — Data Link

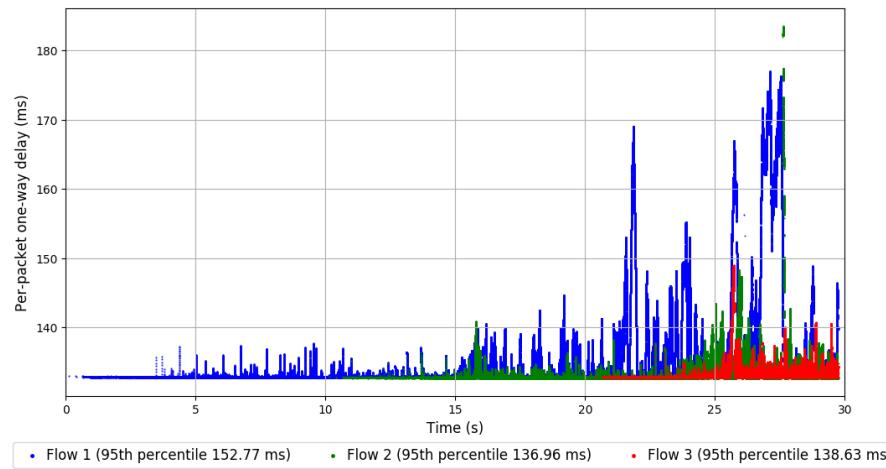
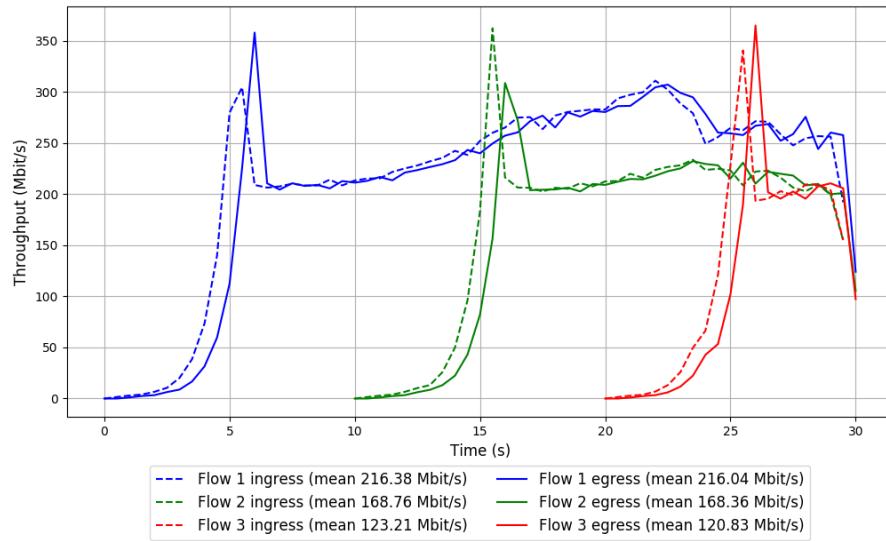


Run 2: Statistics of PCC-Vivace

```
Start at: 2019-10-03 11:39:07
End at: 2019-10-03 11:39:37
Local clock offset: -0.076 ms
Remote clock offset: -0.039 ms

# Below is generated by plot.py at 2019-10-03 17:16:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 366.58 Mbit/s
95th percentile per-packet one-way delay: 144.883 ms
Loss rate: 1.60%
-- Flow 1:
Average throughput: 216.04 Mbit/s
95th percentile per-packet one-way delay: 152.766 ms
Loss rate: 1.05%
-- Flow 2:
Average throughput: 168.36 Mbit/s
95th percentile per-packet one-way delay: 136.956 ms
Loss rate: 1.57%
-- Flow 3:
Average throughput: 120.83 Mbit/s
95th percentile per-packet one-way delay: 138.633 ms
Loss rate: 4.59%
```

Run 2: Report of PCC-Vivace — Data Link

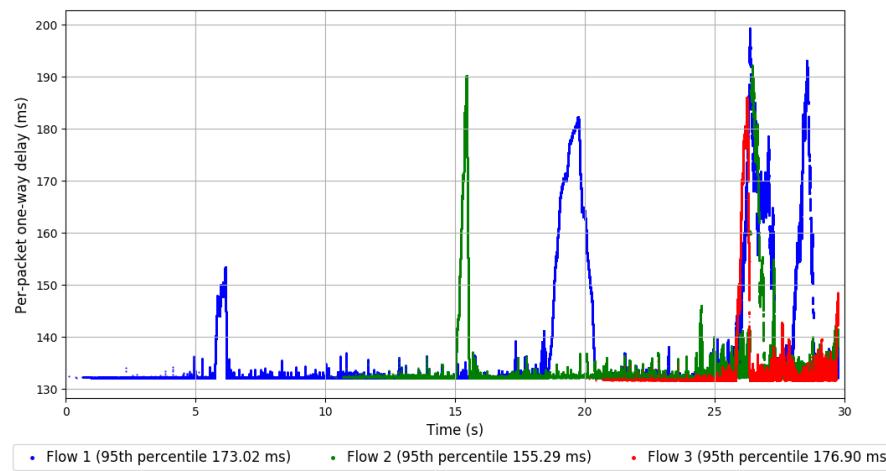
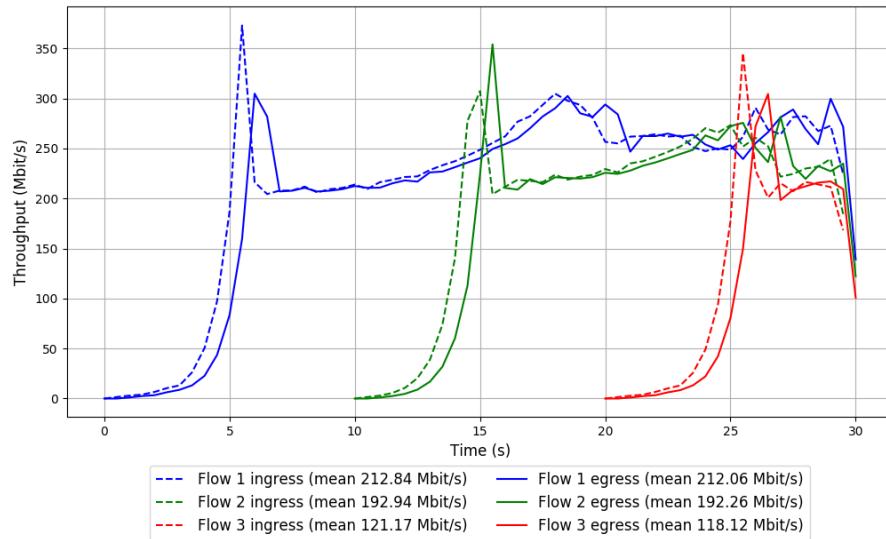


Run 3: Statistics of PCC-Vivace

```
Start at: 2019-10-03 12:22:04
End at: 2019-10-03 12:22:34
Local clock offset: -0.357 ms
Remote clock offset: 0.341 ms

# Below is generated by plot.py at 2019-10-03 17:17:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 377.63 Mbit/s
95th percentile per-packet one-way delay: 171.056 ms
Loss rate: 1.81%
-- Flow 1:
Average throughput: 212.06 Mbit/s
95th percentile per-packet one-way delay: 173.018 ms
Loss rate: 1.25%
-- Flow 2:
Average throughput: 192.26 Mbit/s
95th percentile per-packet one-way delay: 155.292 ms
Loss rate: 1.69%
-- Flow 3:
Average throughput: 118.12 Mbit/s
95th percentile per-packet one-way delay: 176.902 ms
Loss rate: 5.14%
```

Run 3: Report of PCC-Vivace — Data Link

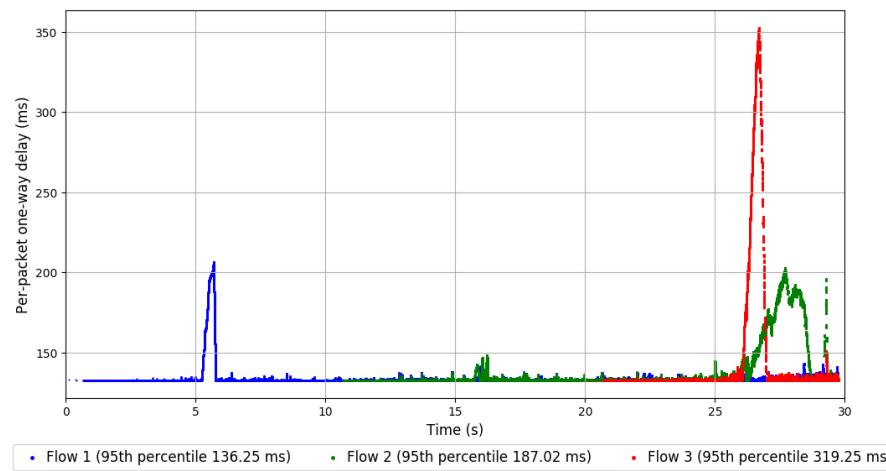
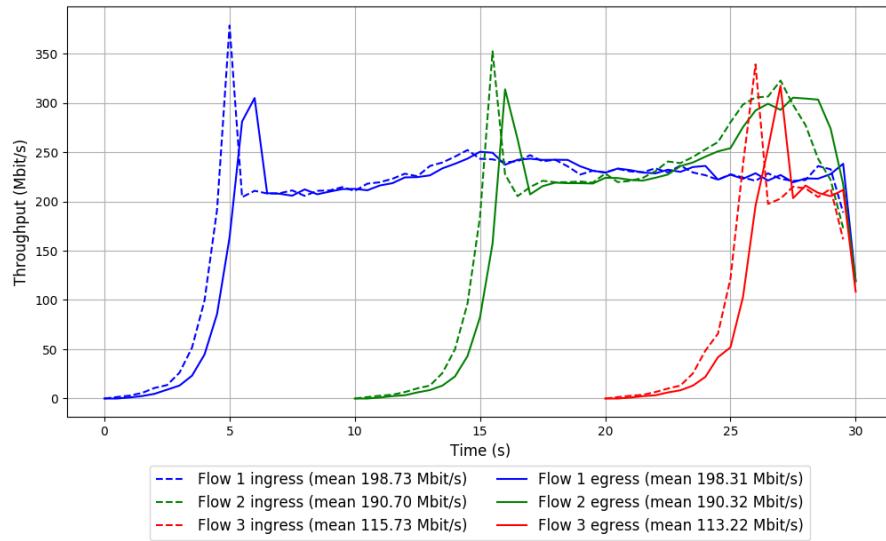


Run 4: Statistics of PCC-Vivace

```
Start at: 2019-10-03 13:05:06
End at: 2019-10-03 13:05:36
Local clock offset: 0.333 ms
Remote clock offset: 0.357 ms

# Below is generated by plot.py at 2019-10-03 17:17:31
# Datalink statistics
-- Total of 3 flows:
Average throughput: 360.98 Mbit/s
95th percentile per-packet one-way delay: 183.422 ms
Loss rate: 1.65%
-- Flow 1:
Average throughput: 198.31 Mbit/s
95th percentile per-packet one-way delay: 136.247 ms
Loss rate: 1.10%
-- Flow 2:
Average throughput: 190.32 Mbit/s
95th percentile per-packet one-way delay: 187.019 ms
Loss rate: 1.54%
-- Flow 3:
Average throughput: 113.22 Mbit/s
95th percentile per-packet one-way delay: 319.253 ms
Loss rate: 4.82%
```

Run 4: Report of PCC-Vivace — Data Link

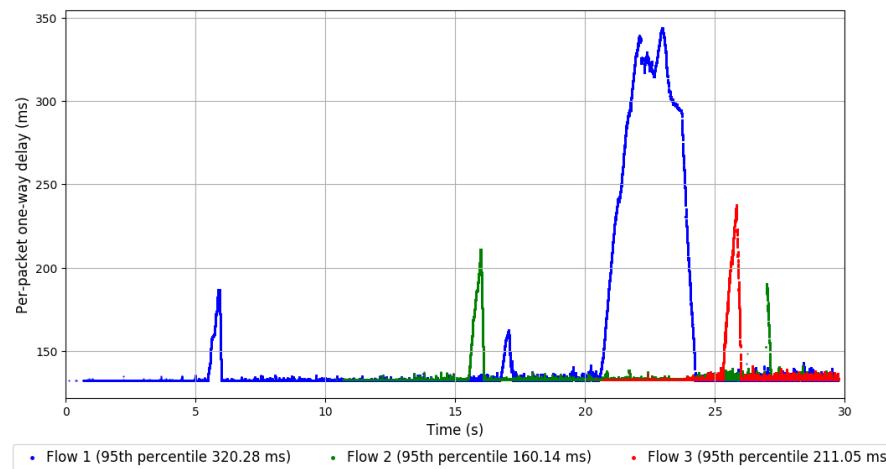
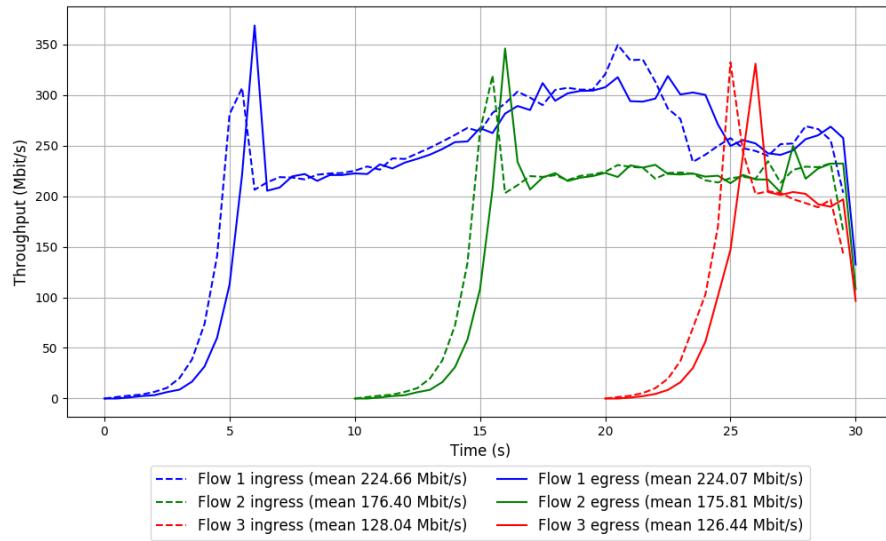


Run 5: Statistics of PCC-Vivace

```
Start at: 2019-10-03 13:47:46
End at: 2019-10-03 13:48:16
Local clock offset: -0.134 ms
Remote clock offset: -0.059 ms

# Below is generated by plot.py at 2019-10-03 17:17:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 381.40 Mbit/s
95th percentile per-packet one-way delay: 295.643 ms
Loss rate: 1.61%
-- Flow 1:
Average throughput: 224.07 Mbit/s
95th percentile per-packet one-way delay: 320.284 ms
Loss rate: 1.15%
-- Flow 2:
Average throughput: 175.81 Mbit/s
95th percentile per-packet one-way delay: 160.143 ms
Loss rate: 1.67%
-- Flow 3:
Average throughput: 126.44 Mbit/s
95th percentile per-packet one-way delay: 211.052 ms
Loss rate: 3.93%
```

Run 5: Report of PCC-Vivace — Data Link

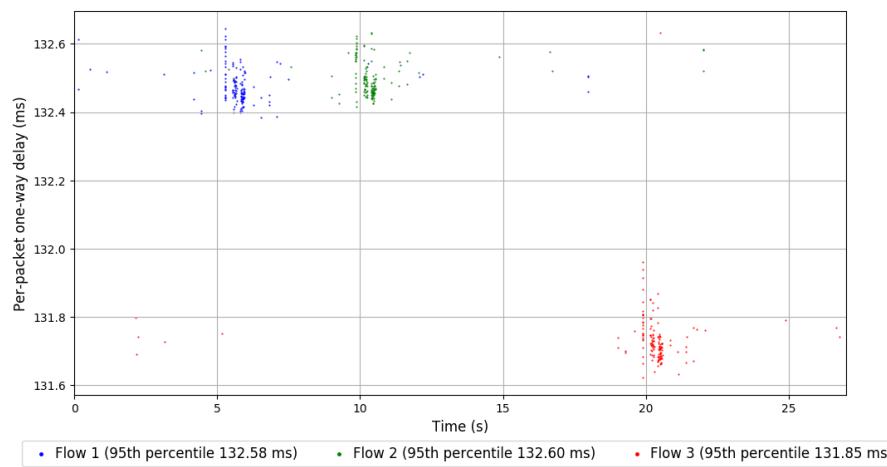
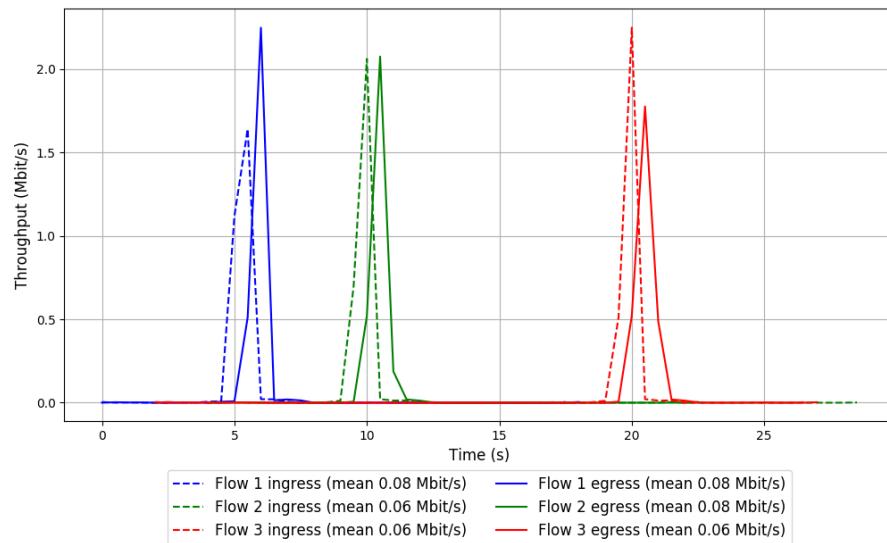


```
Run 1: Statistics of WebRTC media

Start at: 2019-10-03 11:11:06
End at: 2019-10-03 11:11:36
Local clock offset: -0.497 ms
Remote clock offset: -0.088 ms

# Below is generated by plot.py at 2019-10-03 17:17:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 132.583 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 132.576 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 132.597 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 131.850 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

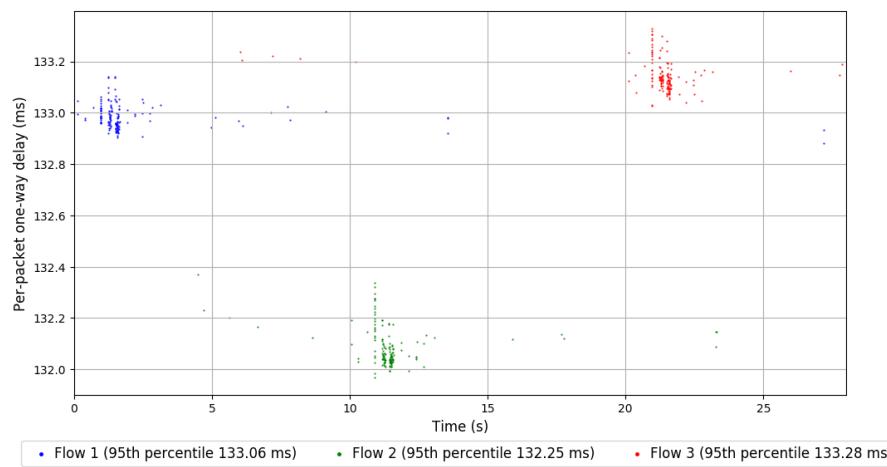
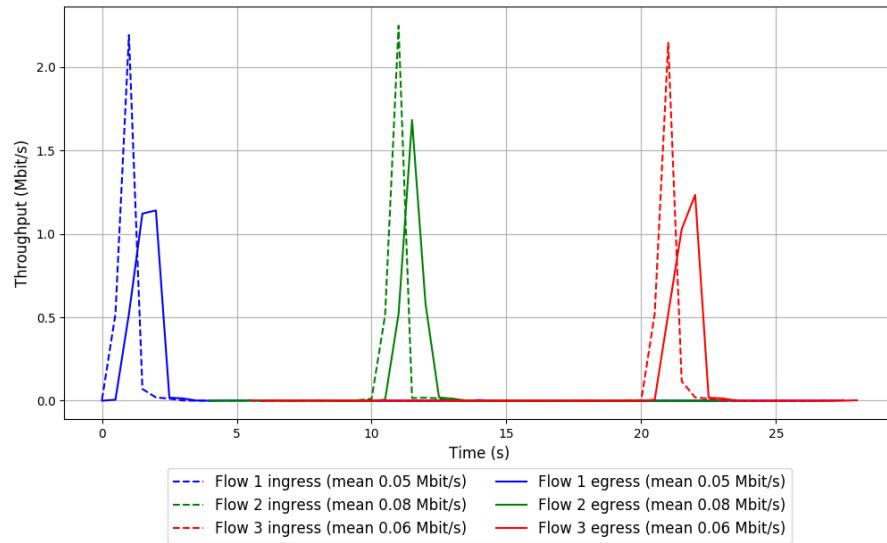


Run 2: Statistics of WebRTC media

```
Start at: 2019-10-03 11:54:16
End at: 2019-10-03 11:54:46
Local clock offset: -0.06 ms
Remote clock offset: -0.092 ms

# Below is generated by plot.py at 2019-10-03 17:17:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 133.215 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 133.062 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 132.247 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 133.280 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

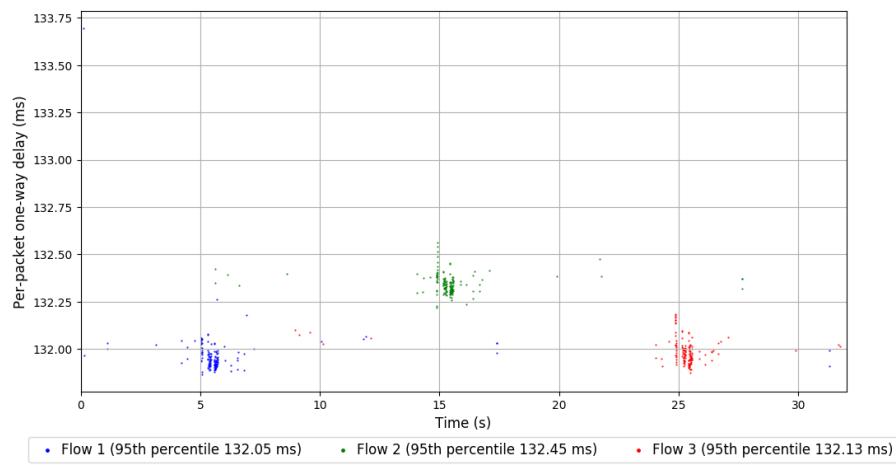
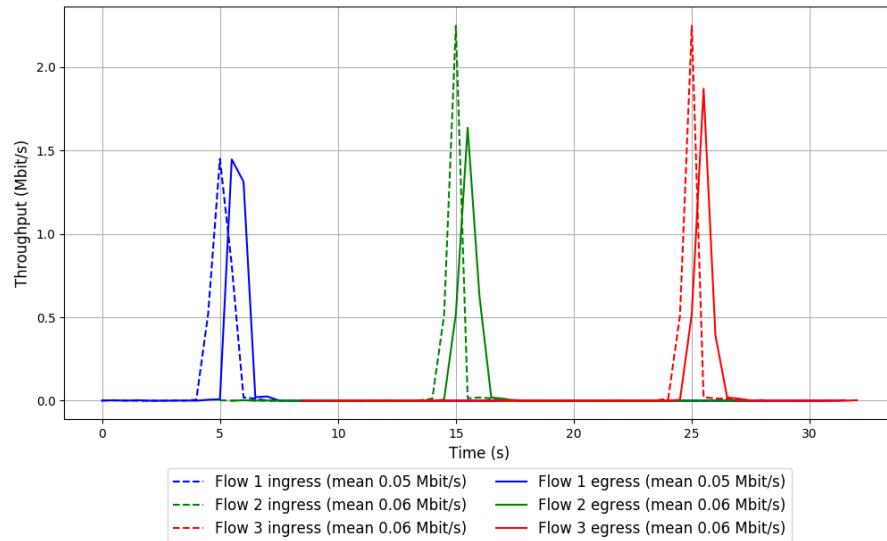


Run 3: Statistics of WebRTC media

```
Start at: 2019-10-03 12:37:35
End at: 2019-10-03 12:38:05
Local clock offset: -0.11 ms
Remote clock offset: 0.022 ms

# Below is generated by plot.py at 2019-10-03 17:17:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 132.391 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 132.053 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 132.447 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 132.135 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

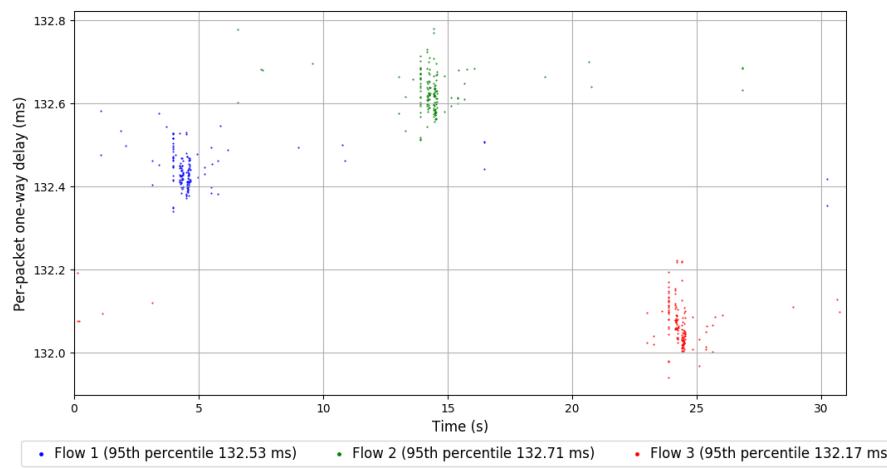
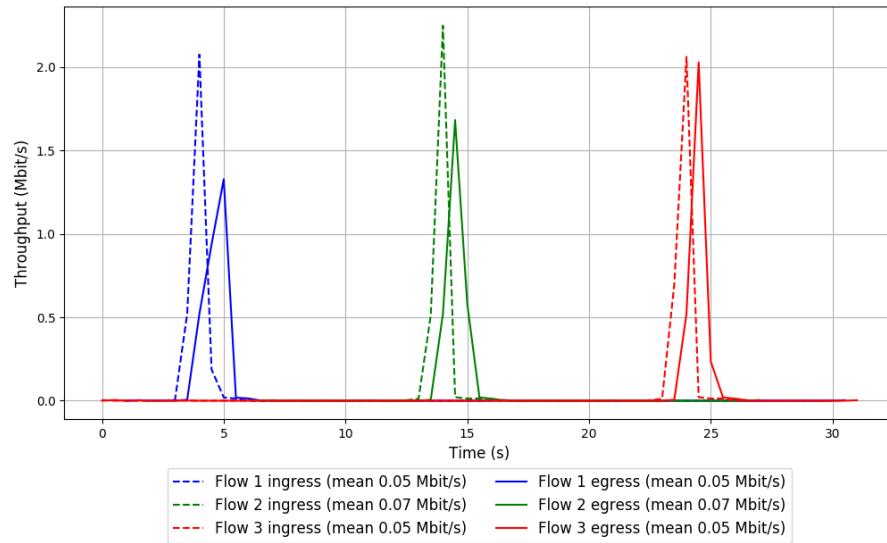


Run 4: Statistics of WebRTC media

```
Start at: 2019-10-03 13:20:08
End at: 2019-10-03 13:20:38
Local clock offset: -0.263 ms
Remote clock offset: 0.004 ms

# Below is generated by plot.py at 2019-10-03 17:17:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 132.682 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 132.528 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 132.709 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 132.170 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

```
Start at: 2019-10-03 14:02:59
End at: 2019-10-03 14:03:29
Local clock offset: -0.126 ms
Remote clock offset: 0.305 ms

# Below is generated by plot.py at 2019-10-03 17:17:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 132.581 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 132.095 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 132.903 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 132.165 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

