

Pantheon Report

Generated at 2020-02-18 21:34:22 (UTC).
Data path: GCE Sydney on `ens4 (local)` → GCE London on `ens4 (remote)`.
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:

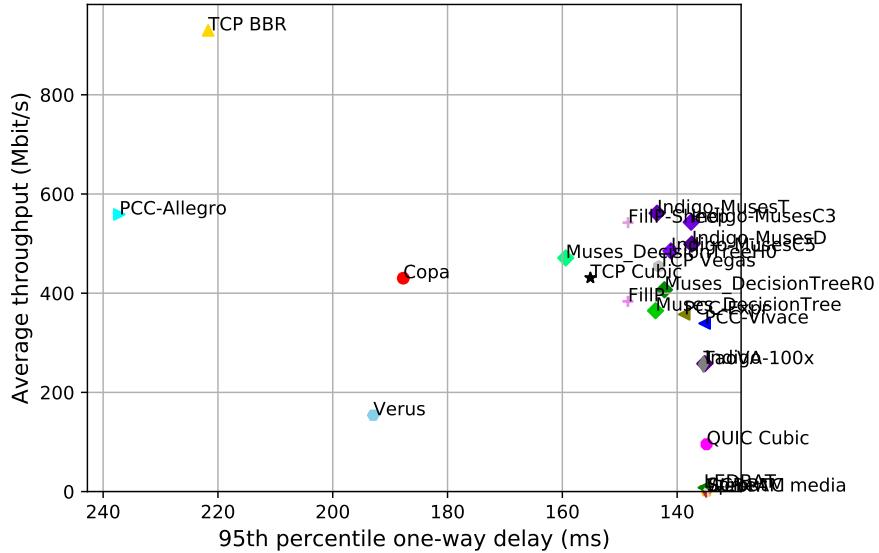
```
Linux 5.0.0-1026-gcp
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

Git summary:

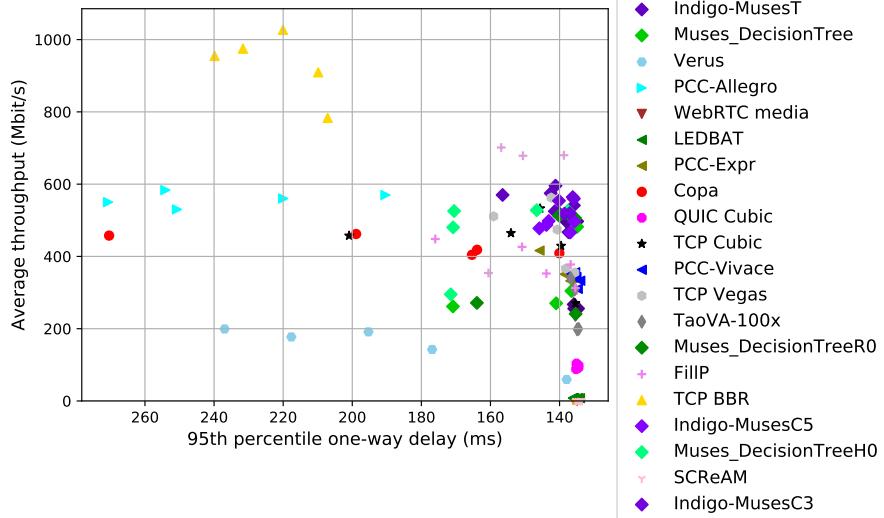
```
branch: muses @ de42328552b3776a75a932a94dfaf722537b0ec
third_party/fillp @ d6da1459332fce6963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
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 Sydney to GCE London, 5 runs of 30s each per scheme
 3 flows with 10s interval between flows (mean of all runs by scheme)



test from GCE Sydney to GCE London, 5 runs of 30s each per scheme
 3 flows with 10s interval between flows



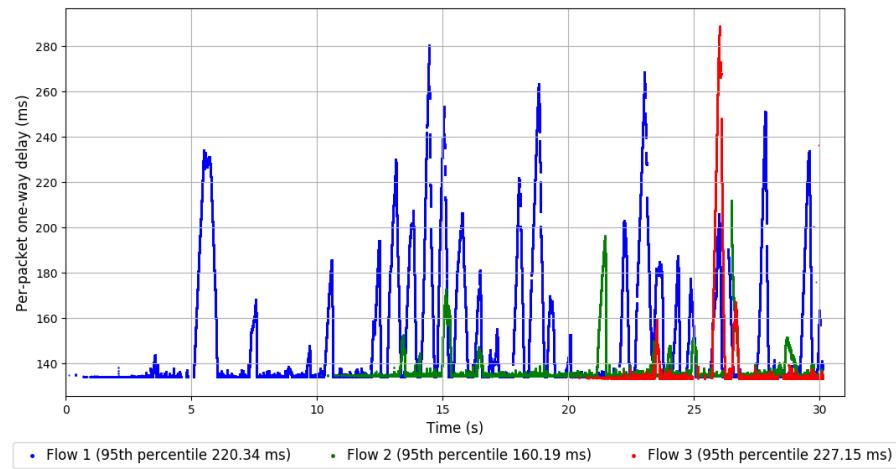
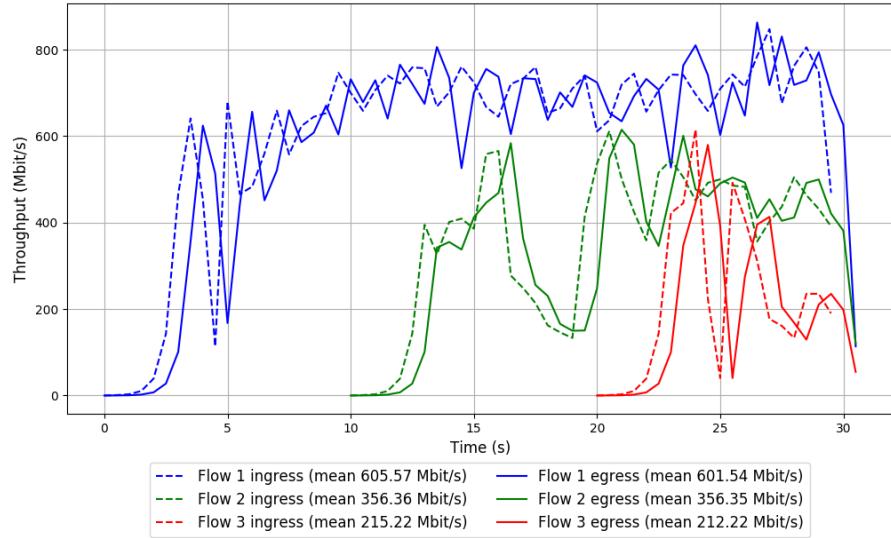
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	5	575.24	381.41	302.72	226.29	200.06	218.52	1.99	0.75	1.39
Copa	5	247.05	211.58	127.43	163.13	186.33	148.85	0.01	0.20	0.18
TCP Cubic	5	239.78	208.82	156.46	156.37	152.14	148.14	0.13	0.32	0.04
FillP	5	112.24	299.54	217.84	158.83	135.65	135.27	0.11	0.00	0.01
FillP-Sheep	5	276.80	297.25	204.29	157.19	136.83	135.98	0.04	0.00	0.00
Indigo	5	138.35	127.94	109.96	135.07	135.04	135.84	0.00	0.00	0.00
Indigo-MusesC3	5	330.99	261.86	176.90	138.53	136.25	135.16	0.02	0.00	0.00
Indigo-MusesC5	5	293.05	273.26	83.61	141.35	141.54	134.47	0.00	0.00	0.00
Indigo-MusesD	5	315.72	260.19	73.48	138.80	136.40	134.19	0.00	0.03	0.00
Indigo-MusesT	5	355.30	292.89	87.63	145.87	137.56	134.76	0.00	0.00	0.00
LEDBAT	5	5.11	3.44	1.67	135.22	134.29	134.40	0.00	0.00	0.00
Muses_DecisionTree	5	120.21	287.65	170.65	135.02	152.39	134.11	0.00	0.10	0.00
Muses_DecisionTreeH0	5	241.88	265.79	169.14	157.18	145.26	135.50	0.03	0.00	0.00
Muses_DecisionTreeR0	5	182.83	259.45	166.53	138.63	144.03	133.98	0.01	0.03	0.00
PCC-Allegro	5	318.47	254.65	216.02	225.13	212.58	151.13	2.24	1.59	0.00
PCC-Expr	5	197.39	171.21	139.87	138.14	143.01	137.48	0.00	0.02	0.00
QUIC Cubic	5	52.37	44.86	41.33	134.58	134.09	134.68	0.00	0.00	0.00
SCReAM	5	0.21	0.19	0.16	133.92	134.61	133.42	0.00	0.00	0.00
Sprout	5	0.58	0.54	0.54	134.19	134.09	134.53	0.00	0.00	0.00
TaoVA-100x	5	184.42	73.48	71.10	134.99	135.50	135.23	0.00	0.00	0.00
TCP Vegas	5	181.98	313.87	189.26	134.89	146.39	168.20	0.00	0.00	0.30
Verus	5	69.89	101.84	51.95	172.45	188.85	164.63	0.02	0.01	0.00
PCC-Vivace	5	197.27	165.96	95.68	135.03	135.11	137.15	0.01	0.01	0.01
WebRTC media	1	0.56	0.79	0.04	134.95	134.97	134.35	0.00	0.00	0.00

Run 1: Statistics of TCP BBR

```
Start at: 2020-02-18 15:32:37
End at: 2020-02-18 15:33:07
Local clock offset: -0.09 ms
Remote clock offset: -0.098 ms

# Below is generated by plot.py at 2020-02-18 19:11:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 909.39 Mbit/s
95th percentile per-packet one-way delay: 209.867 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 601.54 Mbit/s
95th percentile per-packet one-way delay: 220.344 ms
Loss rate: 0.67%
-- Flow 2:
Average throughput: 356.35 Mbit/s
95th percentile per-packet one-way delay: 160.188 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 212.22 Mbit/s
95th percentile per-packet one-way delay: 227.145 ms
Loss rate: 1.41%
```

Run 1: Report of TCP BBR — Data Link

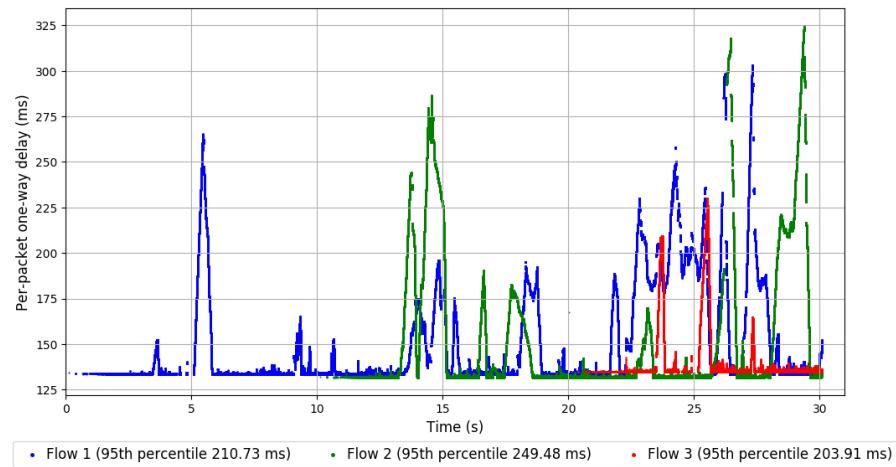
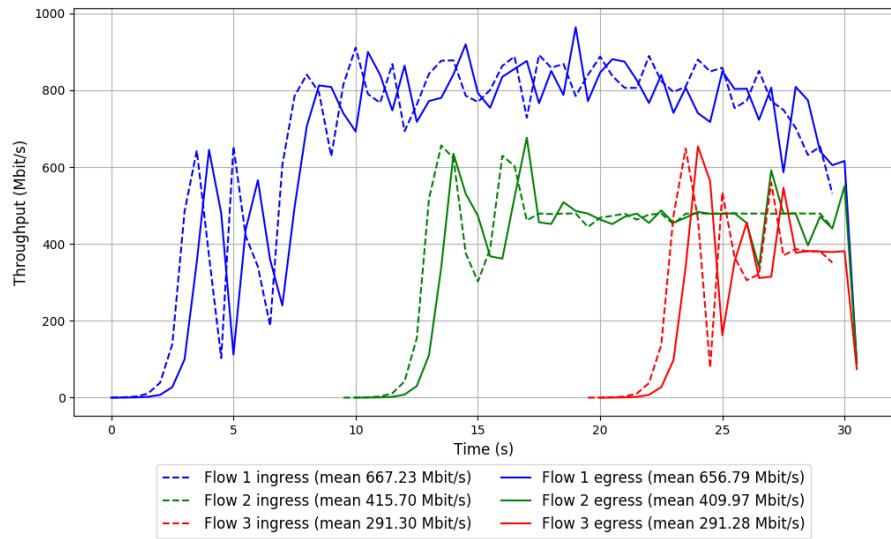


Run 2: Statistics of TCP BBR

```
Start at: 2020-02-18 16:15:20
End at: 2020-02-18 16:15:50
Local clock offset: 0.291 ms
Remote clock offset: 0.016 ms

# Below is generated by plot.py at 2020-02-18 19:14:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1027.02 Mbit/s
95th percentile per-packet one-way delay: 220.053 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 656.79 Mbit/s
95th percentile per-packet one-way delay: 210.729 ms
Loss rate: 1.57%
-- Flow 2:
Average throughput: 409.97 Mbit/s
95th percentile per-packet one-way delay: 249.477 ms
Loss rate: 1.38%
-- Flow 3:
Average throughput: 291.28 Mbit/s
95th percentile per-packet one-way delay: 203.914 ms
Loss rate: 0.01%
```

Run 2: Report of TCP BBR — Data Link

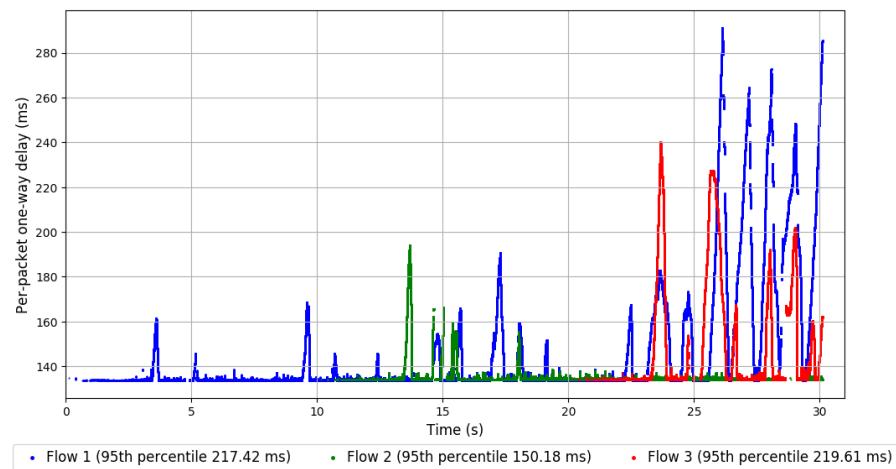
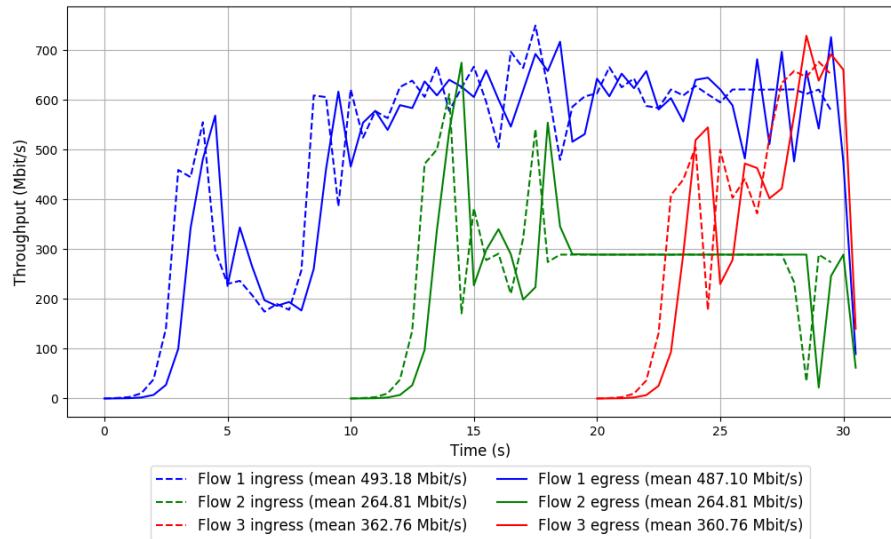


Run 3: Statistics of TCP BBR

```
Start at: 2020-02-18 16:57:12
End at: 2020-02-18 16:57:42
Local clock offset: -0.079 ms
Remote clock offset: -0.122 ms

# Below is generated by plot.py at 2020-02-18 19:14:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 783.29 Mbit/s
95th percentile per-packet one-way delay: 207.113 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 487.10 Mbit/s
95th percentile per-packet one-way delay: 217.416 ms
Loss rate: 1.23%
-- Flow 2:
Average throughput: 264.81 Mbit/s
95th percentile per-packet one-way delay: 150.181 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 360.76 Mbit/s
95th percentile per-packet one-way delay: 219.612 ms
Loss rate: 0.54%
```

Run 3: Report of TCP BBR — Data Link

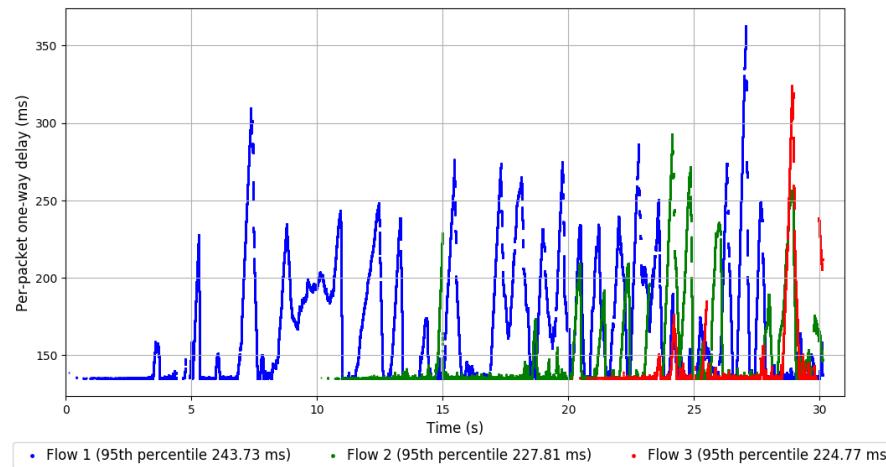
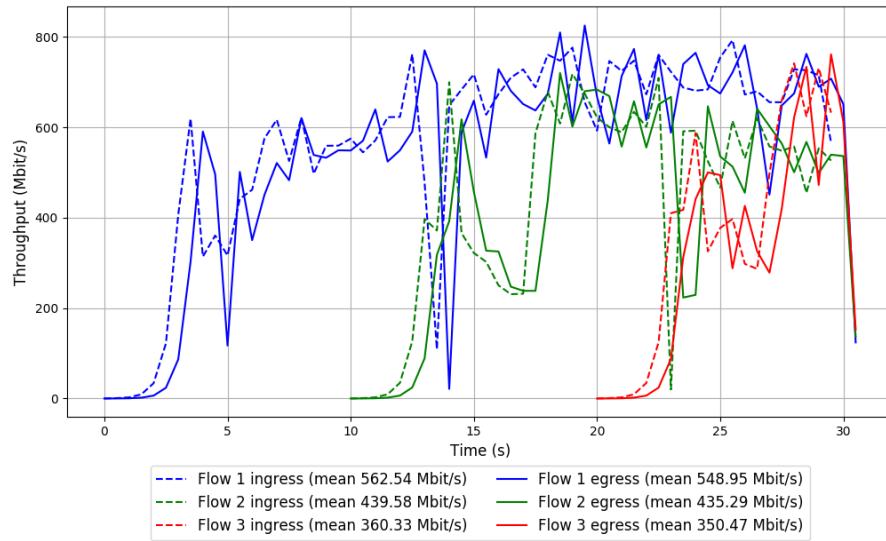


Run 4: Statistics of TCP BBR

```
Start at: 2020-02-18 17:39:05
End at: 2020-02-18 17:39:35
Local clock offset: -0.087 ms
Remote clock offset: -0.124 ms

# Below is generated by plot.py at 2020-02-18 19:14:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 954.76 Mbit/s
95th percentile per-packet one-way delay: 239.834 ms
Loss rate: 2.04%
-- Flow 1:
Average throughput: 548.95 Mbit/s
95th percentile per-packet one-way delay: 243.730 ms
Loss rate: 2.43%
-- Flow 2:
Average throughput: 435.29 Mbit/s
95th percentile per-packet one-way delay: 227.810 ms
Loss rate: 0.98%
-- Flow 3:
Average throughput: 350.47 Mbit/s
95th percentile per-packet one-way delay: 224.772 ms
Loss rate: 2.76%
```

Run 4: Report of TCP BBR — Data Link

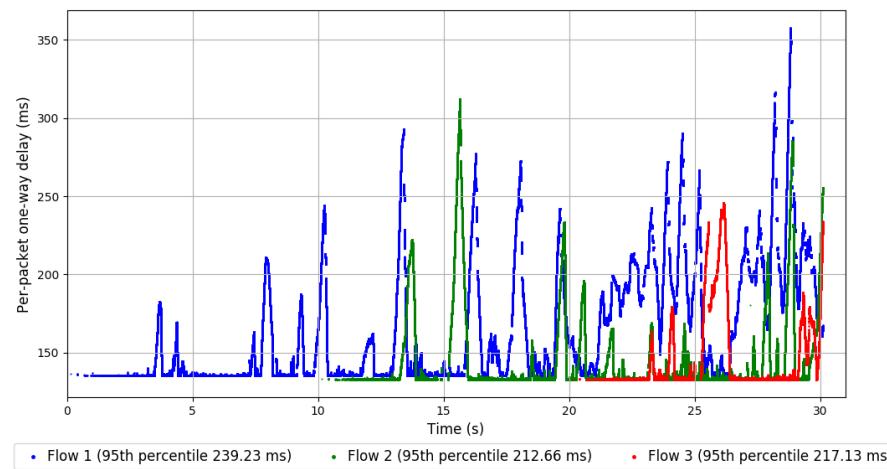
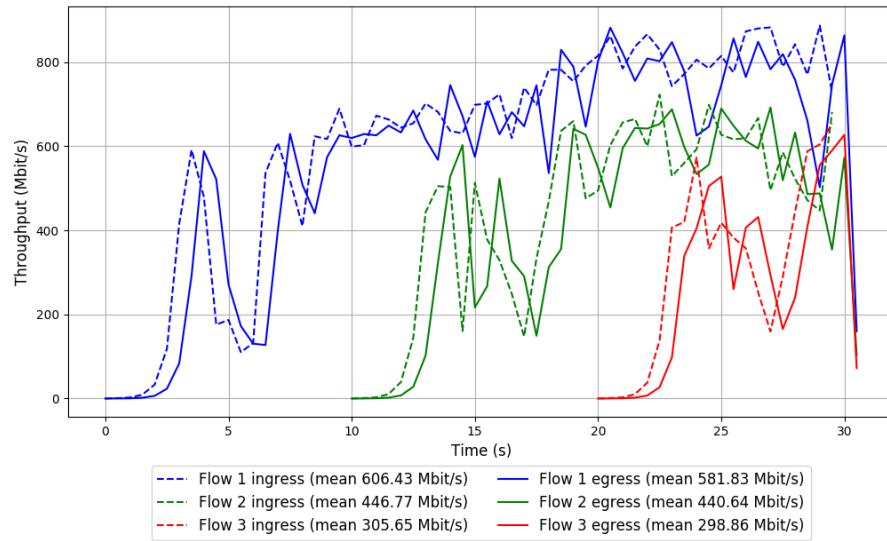


Run 5: Statistics of TCP BBR

```
Start at: 2020-02-18 18:21:02
End at: 2020-02-18 18:21:32
Local clock offset: -0.146 ms
Remote clock offset: -0.09 ms

# Below is generated by plot.py at 2020-02-18 19:14:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 974.81 Mbit/s
95th percentile per-packet one-way delay: 231.633 ms
Loss rate: 3.08%
-- Flow 1:
Average throughput: 581.83 Mbit/s
95th percentile per-packet one-way delay: 239.234 ms
Loss rate: 4.06%
-- Flow 2:
Average throughput: 440.64 Mbit/s
95th percentile per-packet one-way delay: 212.657 ms
Loss rate: 1.37%
-- Flow 3:
Average throughput: 298.86 Mbit/s
95th percentile per-packet one-way delay: 217.135 ms
Loss rate: 2.22%
```

Run 5: Report of TCP BBR — Data Link

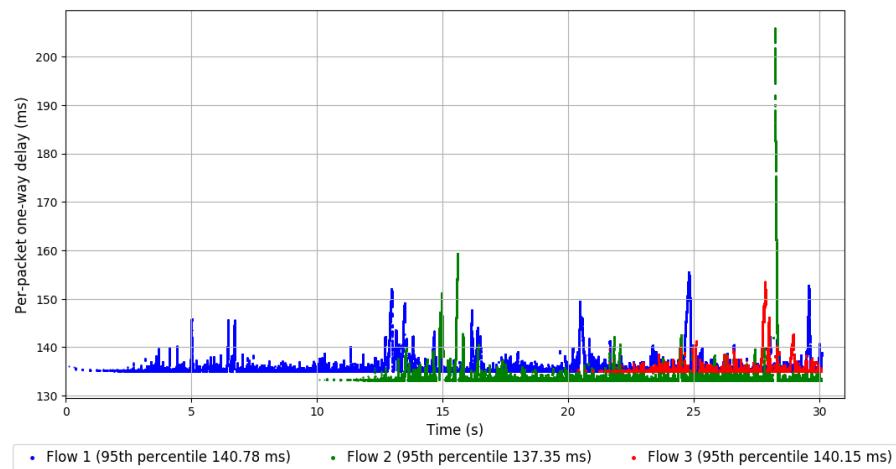
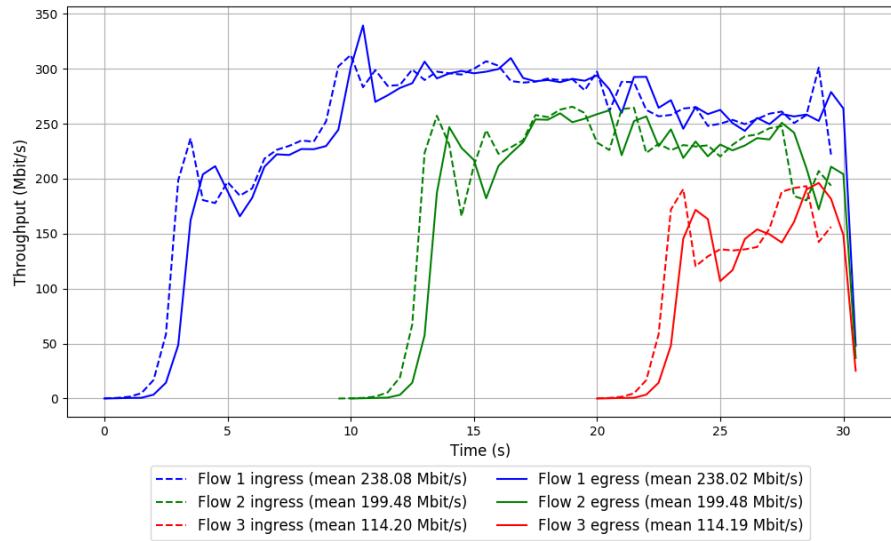


Run 1: Statistics of Copa

```
Start at: 2020-02-18 15:07:00
End at: 2020-02-18 15:07:30
Local clock offset: -0.037 ms
Remote clock offset: -0.177 ms

# Below is generated by plot.py at 2020-02-18 19:14:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 408.77 Mbit/s
95th percentile per-packet one-way delay: 140.054 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 238.02 Mbit/s
95th percentile per-packet one-way delay: 140.785 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 199.48 Mbit/s
95th percentile per-packet one-way delay: 137.346 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 114.19 Mbit/s
95th percentile per-packet one-way delay: 140.150 ms
Loss rate: 0.00%
```

Run 1: Report of Copa — Data Link

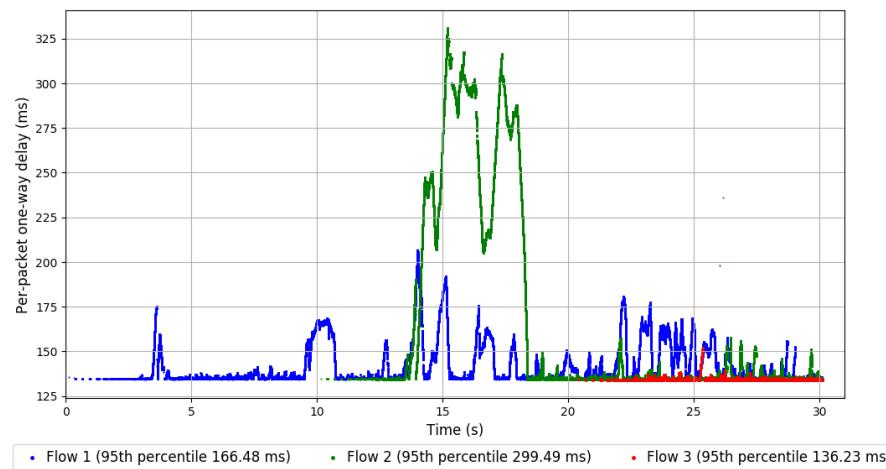
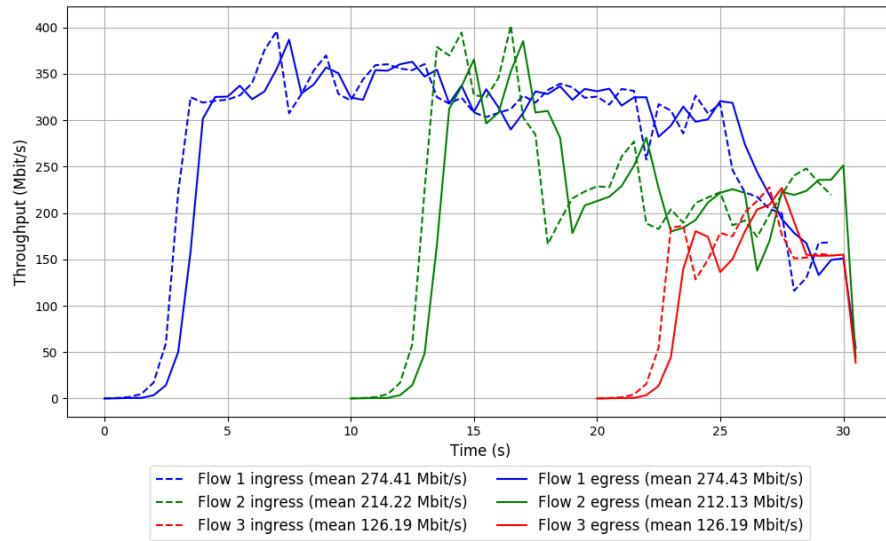


Run 2: Statistics of Copa

```
Start at: 2020-02-18 15:49:05
End at: 2020-02-18 15:49:35
Local clock offset: -0.106 ms
Remote clock offset: -0.078 ms

# Below is generated by plot.py at 2020-02-18 19:14:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 457.60 Mbit/s
95th percentile per-packet one-way delay: 270.374 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 274.43 Mbit/s
95th percentile per-packet one-way delay: 166.477 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 212.13 Mbit/s
95th percentile per-packet one-way delay: 299.490 ms
Loss rate: 0.98%
-- Flow 3:
Average throughput: 126.19 Mbit/s
95th percentile per-packet one-way delay: 136.227 ms
Loss rate: 0.00%
```

Run 2: Report of Copa — Data Link

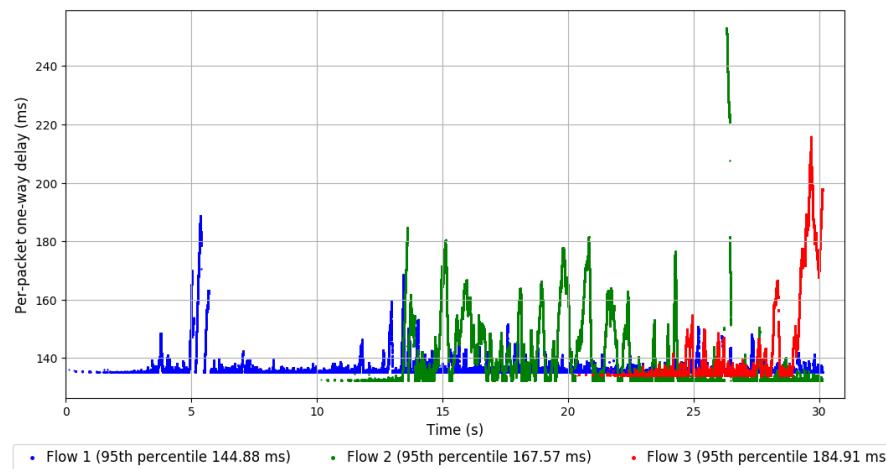
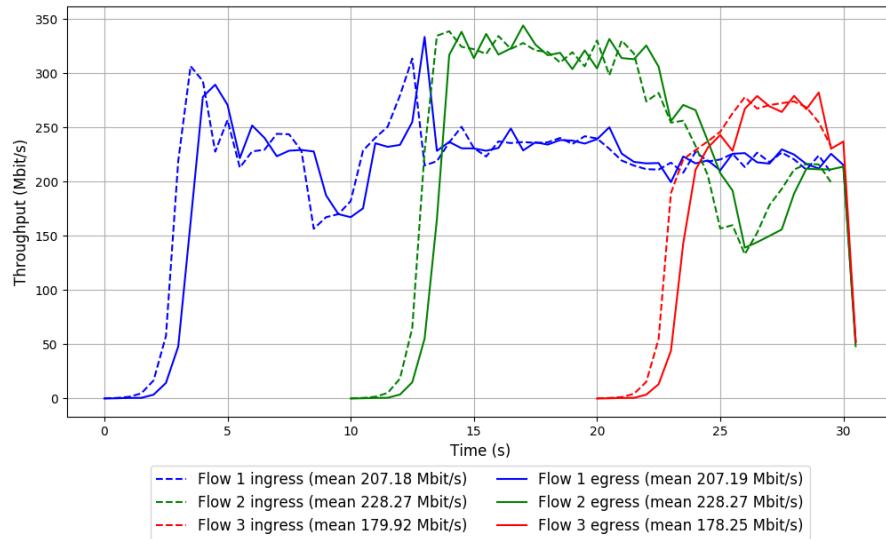


Run 3: Statistics of Copa

```
Start at: 2020-02-18 16:31:16
End at: 2020-02-18 16:31:46
Local clock offset: -0.218 ms
Remote clock offset: -0.044 ms

# Below is generated by plot.py at 2020-02-18 19:14:35
# Datalink statistics
-- Total of 3 flows:
Average throughput: 418.30 Mbit/s
95th percentile per-packet one-way delay: 163.878 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 207.19 Mbit/s
95th percentile per-packet one-way delay: 144.885 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 228.27 Mbit/s
95th percentile per-packet one-way delay: 167.574 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 178.25 Mbit/s
95th percentile per-packet one-way delay: 184.910 ms
Loss rate: 0.92%
```

Run 3: Report of Copa — Data Link

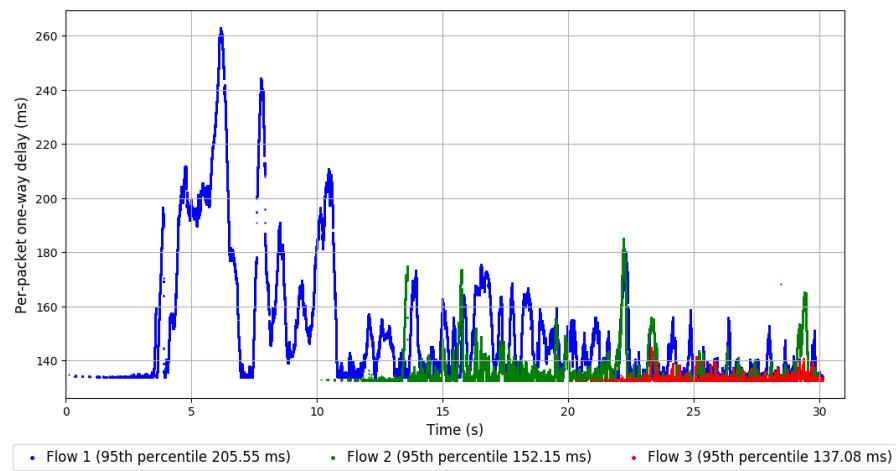
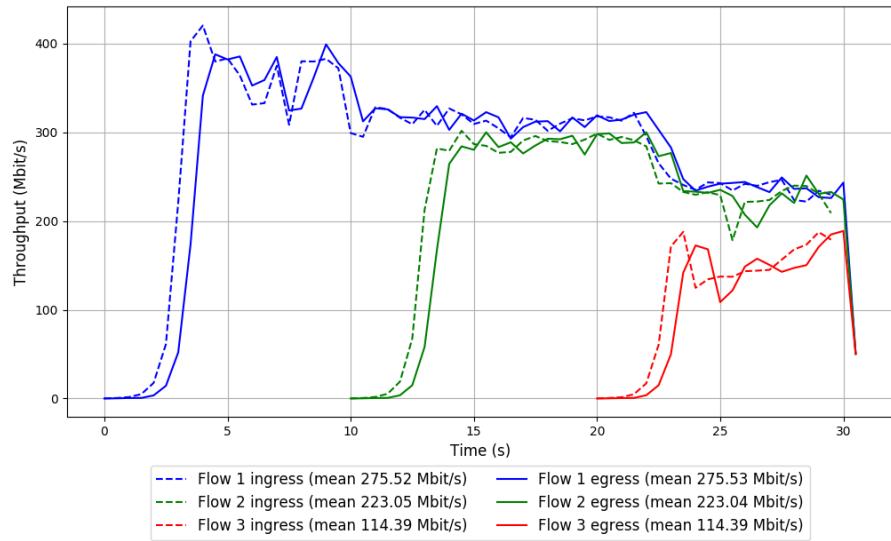


Run 4: Statistics of Copa

```
Start at: 2020-02-18 17:13:25
End at: 2020-02-18 17:13:55
Local clock offset: -0.126 ms
Remote clock offset: -0.164 ms

# Below is generated by plot.py at 2020-02-18 19:30:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 462.03 Mbit/s
95th percentile per-packet one-way delay: 198.890 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 275.53 Mbit/s
95th percentile per-packet one-way delay: 205.551 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 223.04 Mbit/s
95th percentile per-packet one-way delay: 152.145 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 114.39 Mbit/s
95th percentile per-packet one-way delay: 137.081 ms
Loss rate: 0.00%
```

Run 4: Report of Copa — Data Link

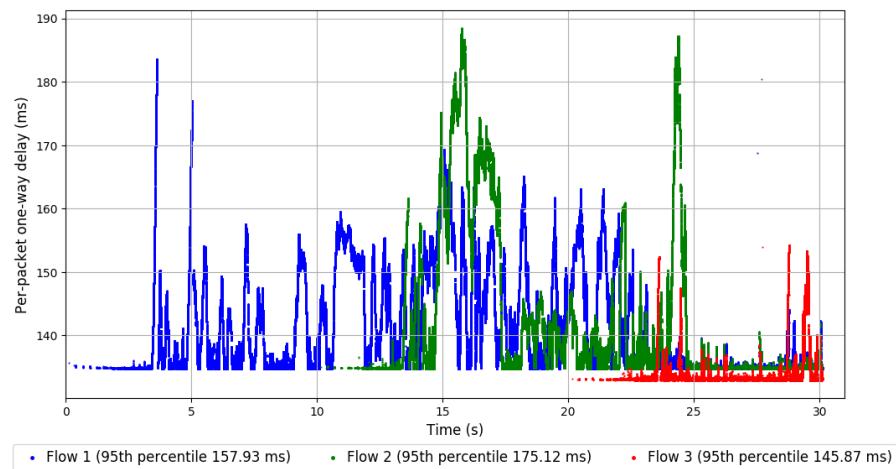
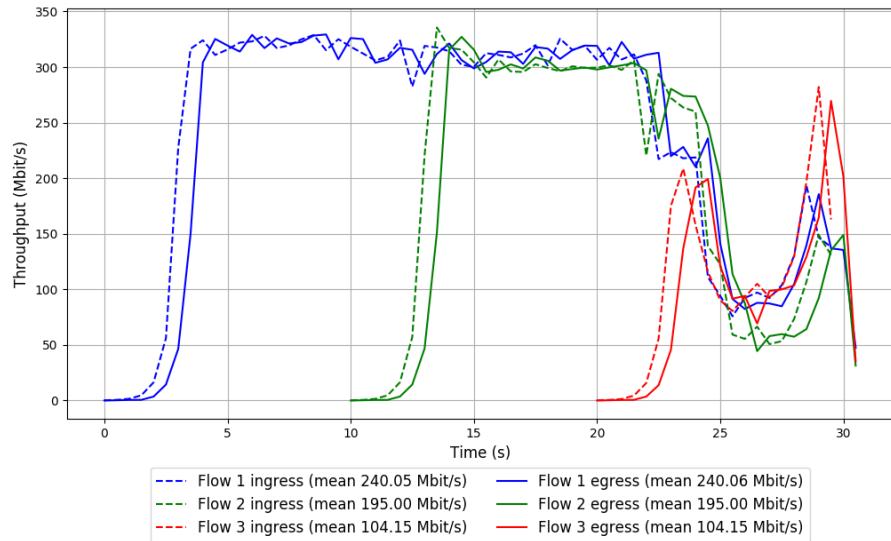


Run 5: Statistics of Copa

```
Start at: 2020-02-18 17:55:22
End at: 2020-02-18 17:55:52
Local clock offset: 0.233 ms
Remote clock offset: -0.133 ms

# Below is generated by plot.py at 2020-02-18 19:30:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 404.44 Mbit/s
95th percentile per-packet one-way delay: 165.363 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 240.06 Mbit/s
95th percentile per-packet one-way delay: 157.929 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 195.00 Mbit/s
95th percentile per-packet one-way delay: 175.115 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 104.15 Mbit/s
95th percentile per-packet one-way delay: 145.874 ms
Loss rate: 0.00%
```

Run 5: Report of Copa — Data Link

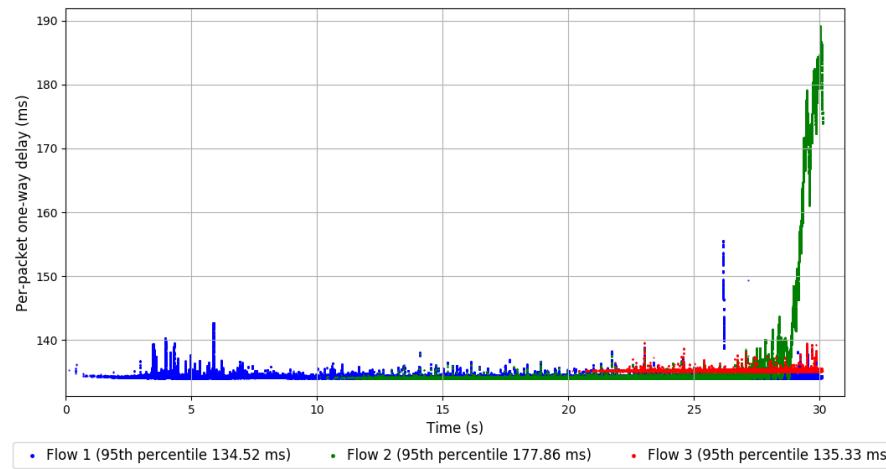
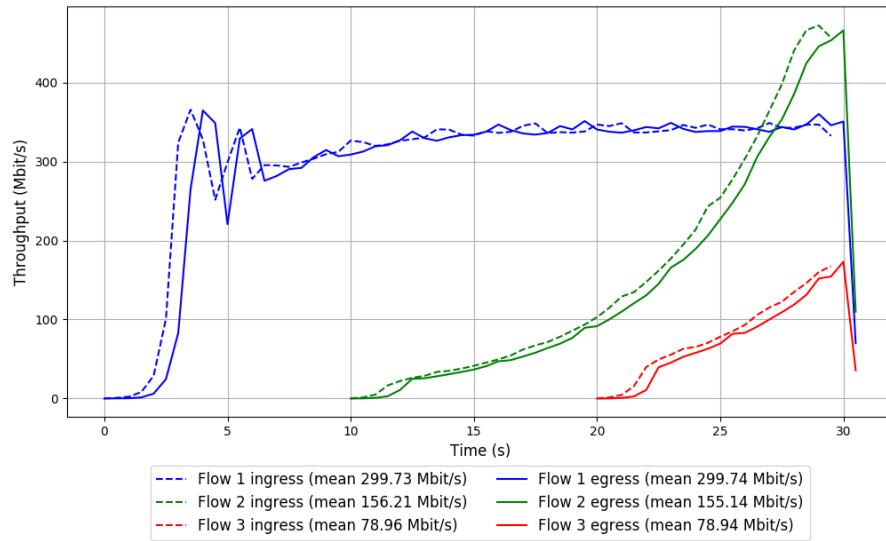


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2020-02-18 15:19:03
End at: 2020-02-18 15:19:33
Local clock offset: -0.084 ms
Remote clock offset: -0.135 ms

# Below is generated by plot.py at 2020-02-18 19:30:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 429.23 Mbit/s
95th percentile per-packet one-way delay: 139.569 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 299.74 Mbit/s
95th percentile per-packet one-way delay: 134.519 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 155.14 Mbit/s
95th percentile per-packet one-way delay: 177.857 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 78.94 Mbit/s
95th percentile per-packet one-way delay: 135.331 ms
Loss rate: 0.03%
```

Run 1: Report of TCP Cubic — Data Link

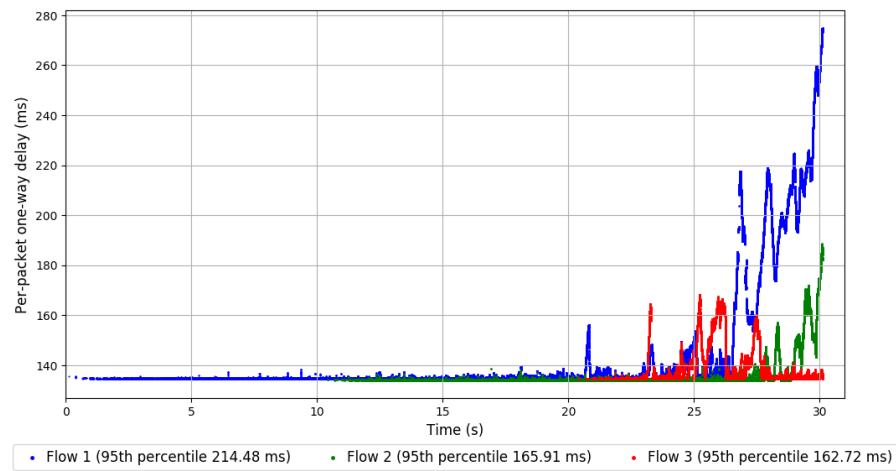
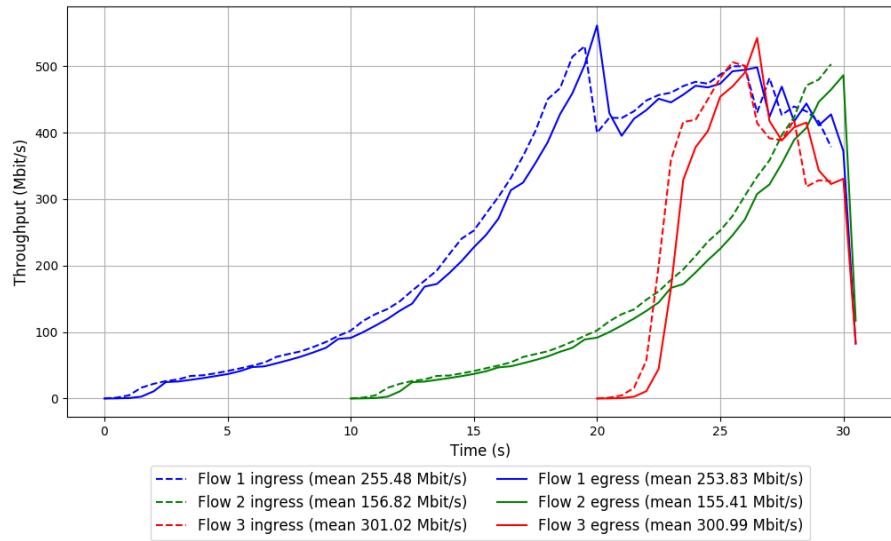


Run 2: Statistics of TCP Cubic

```
Start at: 2020-02-18 16:01:26
End at: 2020-02-18 16:01:56
Local clock offset: -0.091 ms
Remote clock offset: 0.017 ms

# Below is generated by plot.py at 2020-02-18 19:30:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 457.38 Mbit/s
95th percentile per-packet one-way delay: 200.912 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 253.83 Mbit/s
95th percentile per-packet one-way delay: 214.482 ms
Loss rate: 0.64%
-- Flow 2:
Average throughput: 155.41 Mbit/s
95th percentile per-packet one-way delay: 165.911 ms
Loss rate: 0.89%
-- Flow 3:
Average throughput: 300.99 Mbit/s
95th percentile per-packet one-way delay: 162.725 ms
Loss rate: 0.00%
```

Run 2: Report of TCP Cubic — Data Link

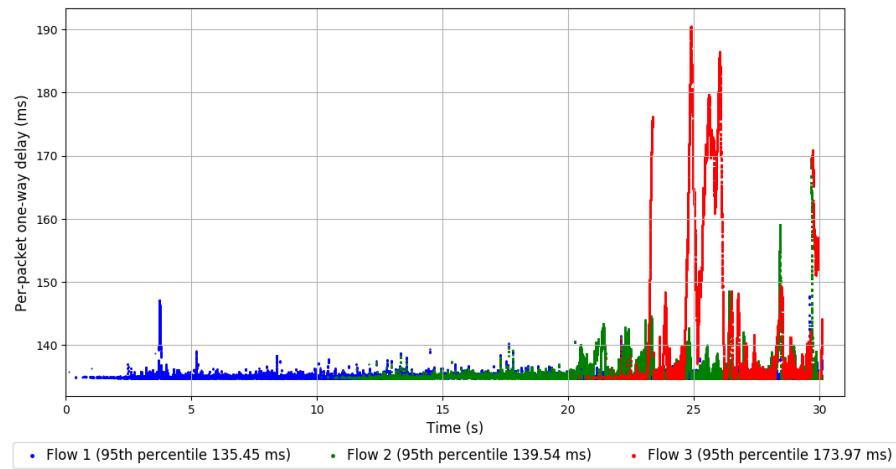
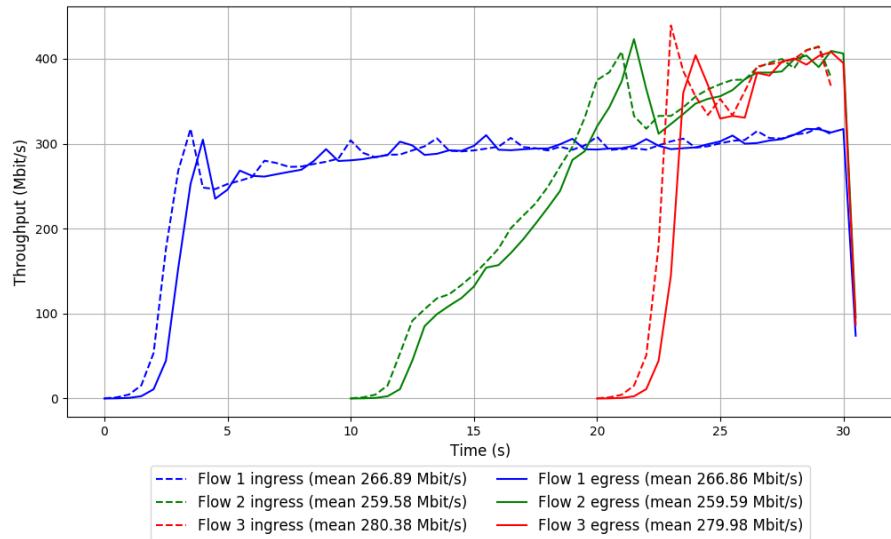


Run 3: Statistics of TCP Cubic

```
Start at: 2020-02-18 16:43:27
End at: 2020-02-18 16:43:57
Local clock offset: 0.309 ms
Remote clock offset: -0.074 ms

# Below is generated by plot.py at 2020-02-18 19:30:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 532.78 Mbit/s
95th percentile per-packet one-way delay: 145.610 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 266.86 Mbit/s
95th percentile per-packet one-way delay: 135.451 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 259.59 Mbit/s
95th percentile per-packet one-way delay: 139.544 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 279.98 Mbit/s
95th percentile per-packet one-way delay: 173.973 ms
Loss rate: 0.15%
```

Run 3: Report of TCP Cubic — Data Link

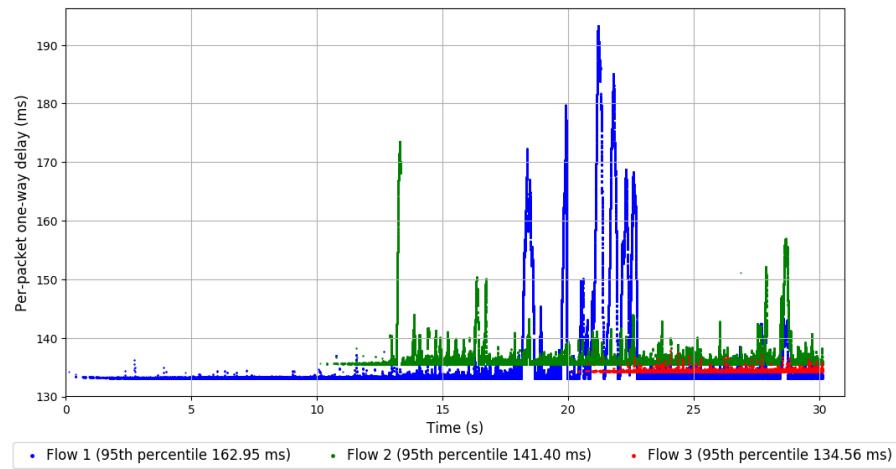
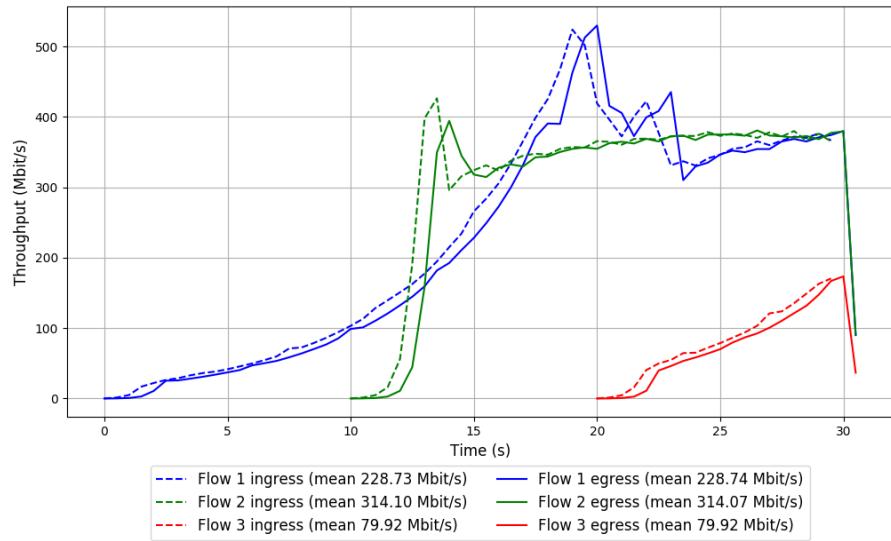


Run 4: Statistics of TCP Cubic

```
Start at: 2020-02-18 17:25:26
End at: 2020-02-18 17:25:56
Local clock offset: -0.13 ms
Remote clock offset: 0.155 ms

# Below is generated by plot.py at 2020-02-18 19:30:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 464.60 Mbit/s
95th percentile per-packet one-way delay: 154.069 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 228.74 Mbit/s
95th percentile per-packet one-way delay: 162.946 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 314.07 Mbit/s
95th percentile per-packet one-way delay: 141.398 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 79.92 Mbit/s
95th percentile per-packet one-way delay: 134.557 ms
Loss rate: 0.01%
```

Run 4: Report of TCP Cubic — Data Link

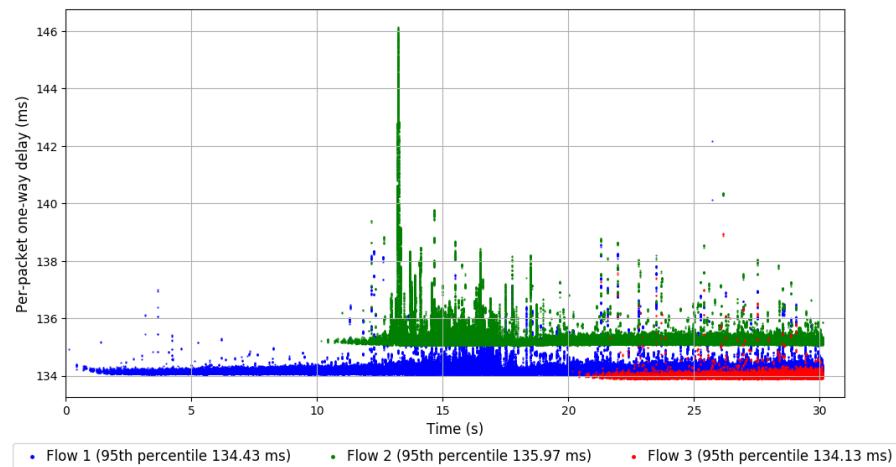
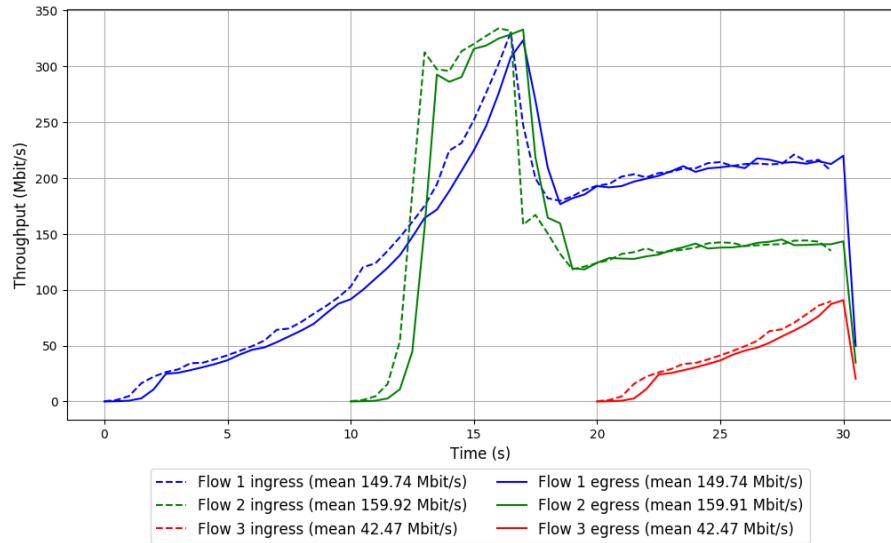


Run 5: Statistics of TCP Cubic

```
Start at: 2020-02-18 18:07:35
End at: 2020-02-18 18:08:05
Local clock offset: -0.116 ms
Remote clock offset: -0.116 ms

# Below is generated by plot.py at 2020-02-18 19:30:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 270.39 Mbit/s
95th percentile per-packet one-way delay: 135.423 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 149.74 Mbit/s
95th percentile per-packet one-way delay: 134.427 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 159.91 Mbit/s
95th percentile per-packet one-way delay: 135.972 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 42.47 Mbit/s
95th percentile per-packet one-way delay: 134.127 ms
Loss rate: 0.00%
```

Run 5: Report of TCP Cubic — Data Link

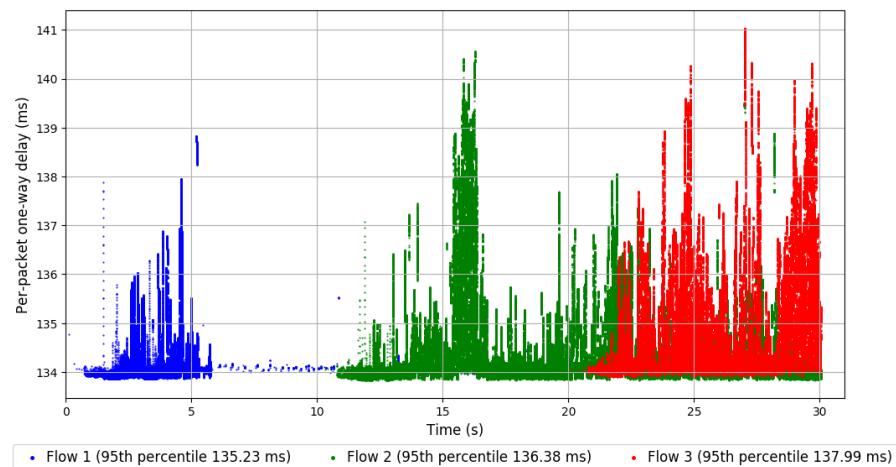
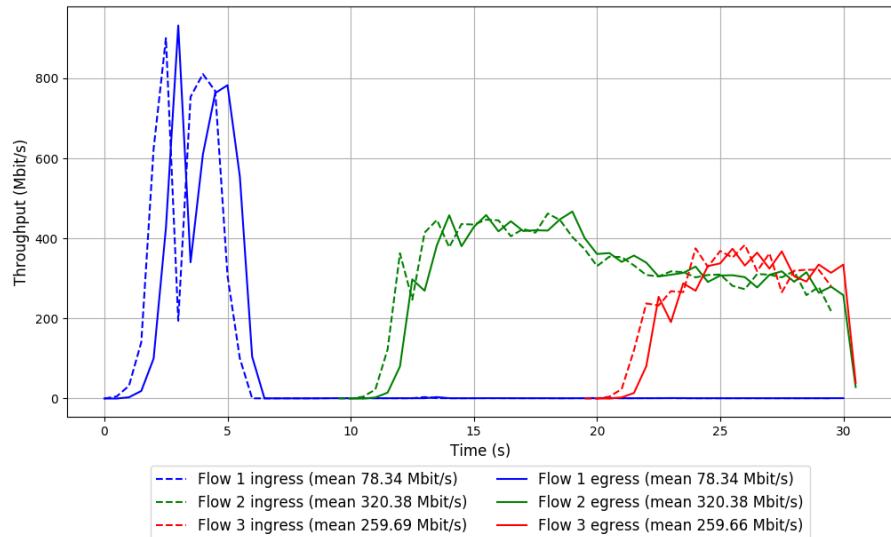


```
Run 1: Statistics of FillP
```

```
Start at: 2020-02-18 15:43:25
End at: 2020-02-18 15:43:55
Local clock offset: -0.099 ms
Remote clock offset: -0.135 ms

# Below is generated by plot.py at 2020-02-18 19:30:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 377.69 Mbit/s
95th percentile per-packet one-way delay: 136.792 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 78.34 Mbit/s
95th percentile per-packet one-way delay: 135.231 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 320.38 Mbit/s
95th percentile per-packet one-way delay: 136.380 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 259.66 Mbit/s
95th percentile per-packet one-way delay: 137.991 ms
Loss rate: 0.00%
```

Run 1: Report of FillP — Data Link

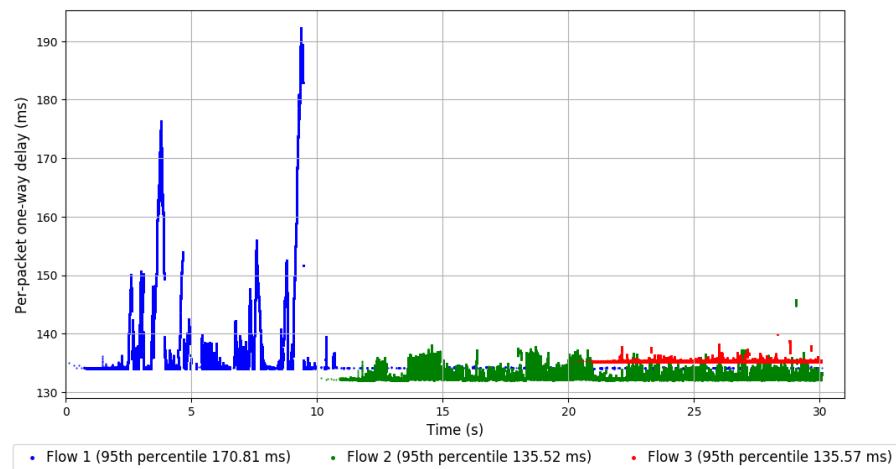
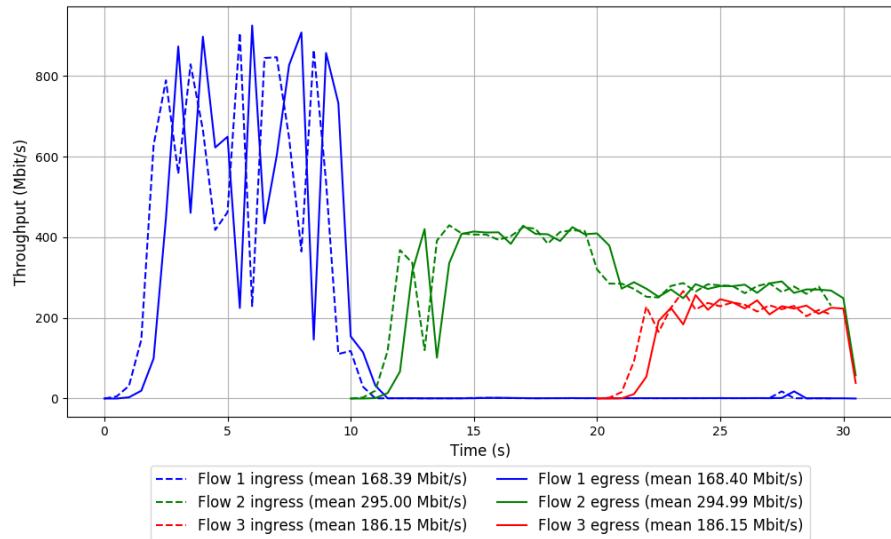


Run 2: Statistics of FillP

```
Start at: 2020-02-18 16:25:51
End at: 2020-02-18 16:26:21
Local clock offset: -0.074 ms
Remote clock offset: -0.066 ms

# Below is generated by plot.py at 2020-02-18 19:32:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 426.31 Mbit/s
95th percentile per-packet one-way delay: 150.867 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 168.40 Mbit/s
95th percentile per-packet one-way delay: 170.805 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 294.99 Mbit/s
95th percentile per-packet one-way delay: 135.522 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 186.15 Mbit/s
95th percentile per-packet one-way delay: 135.566 ms
Loss rate: 0.00%
```

Run 2: Report of FillP — Data Link

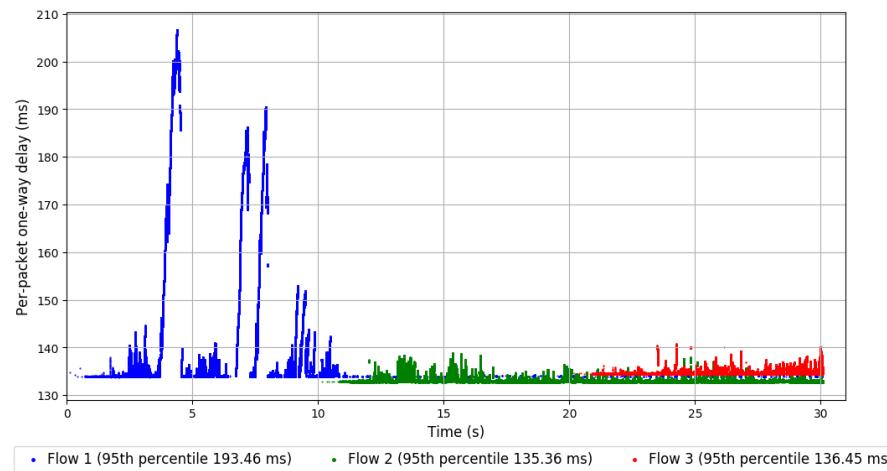
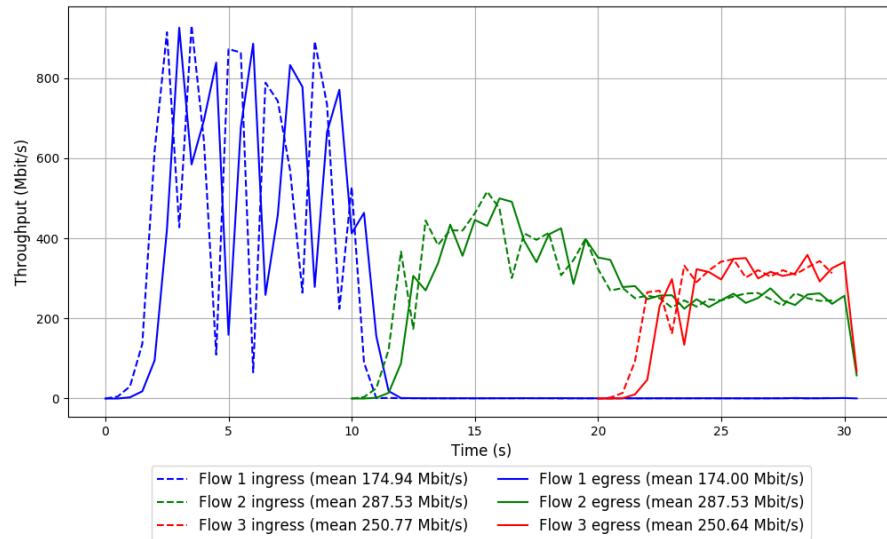


Run 3: Statistics of FillP

```
Start at: 2020-02-18 17:07:57
End at: 2020-02-18 17:08:27
Local clock offset: -0.081 ms
Remote clock offset: -0.18 ms

# Below is generated by plot.py at 2020-02-18 19:34:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 448.17 Mbit/s
95th percentile per-packet one-way delay: 175.976 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 174.00 Mbit/s
95th percentile per-packet one-way delay: 193.461 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 287.53 Mbit/s
95th percentile per-packet one-way delay: 135.357 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 250.64 Mbit/s
95th percentile per-packet one-way delay: 136.450 ms
Loss rate: 0.05%
```

Run 3: Report of FillP — Data Link

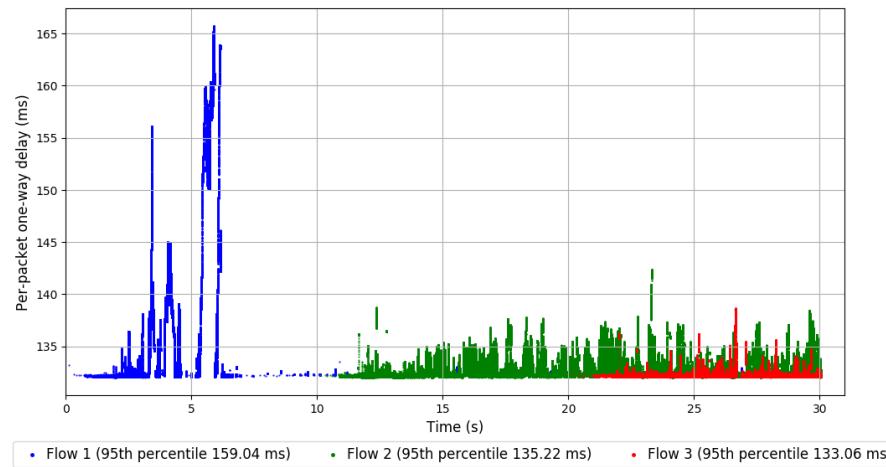
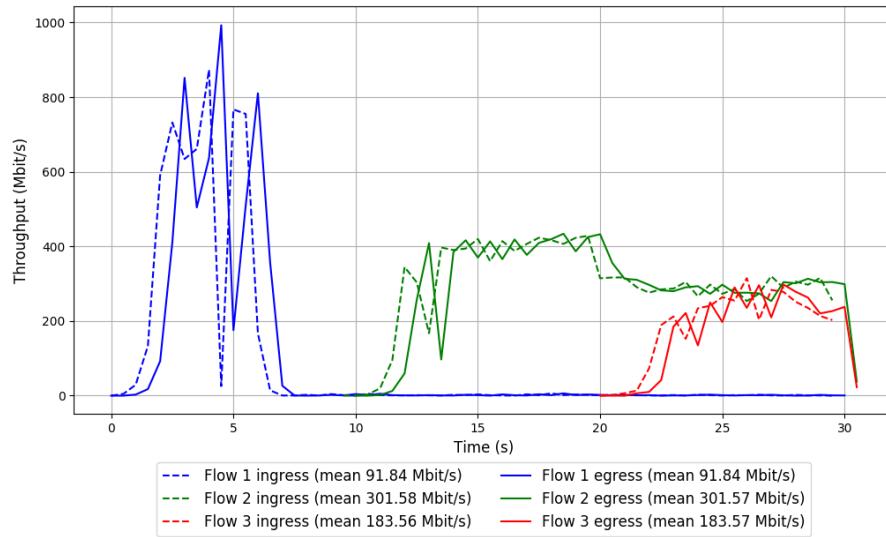


Run 4: Statistics of FillP

```
Start at: 2020-02-18 17:49:42
End at: 2020-02-18 17:50:12
Local clock offset: -0.045 ms
Remote clock offset: -0.102 ms

# Below is generated by plot.py at 2020-02-18 19:34:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 352.73 Mbit/s
95th percentile per-packet one-way delay: 143.822 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.84 Mbit/s
95th percentile per-packet one-way delay: 159.045 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 301.57 Mbit/s
95th percentile per-packet one-way delay: 135.222 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 183.57 Mbit/s
95th percentile per-packet one-way delay: 133.055 ms
Loss rate: 0.00%
```

Run 4: Report of FillP — Data Link

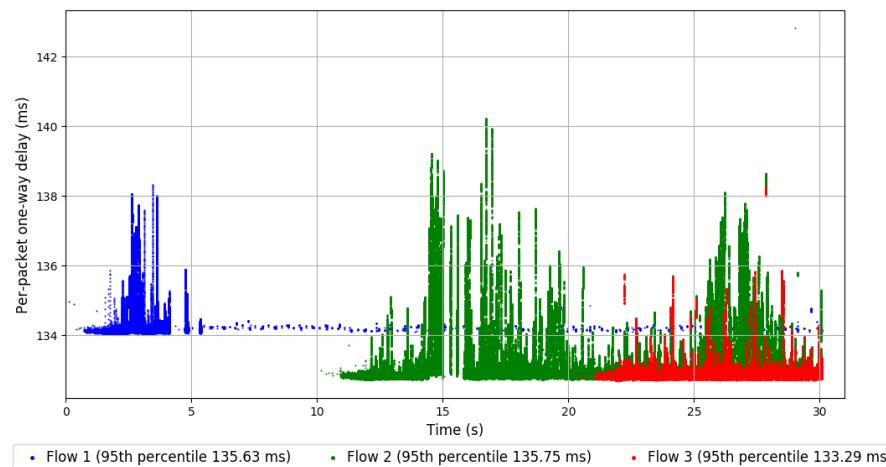
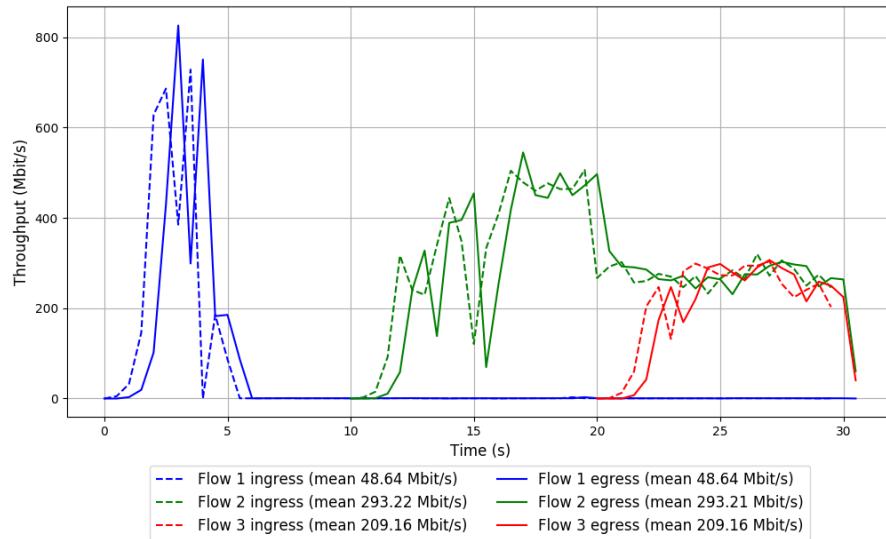


Run 5: Statistics of FillP

```
Start at: 2020-02-18 18:32:00
End at: 2020-02-18 18:32:30
Local clock offset: -0.156 ms
Remote clock offset: -0.066 ms

# Below is generated by plot.py at 2020-02-18 19:34:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 312.75 Mbit/s
95th percentile per-packet one-way delay: 135.425 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 48.64 Mbit/s
95th percentile per-packet one-way delay: 135.628 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 293.21 Mbit/s
95th percentile per-packet one-way delay: 135.747 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 209.16 Mbit/s
95th percentile per-packet one-way delay: 133.292 ms
Loss rate: 0.00%
```

Run 5: Report of FillP — Data Link

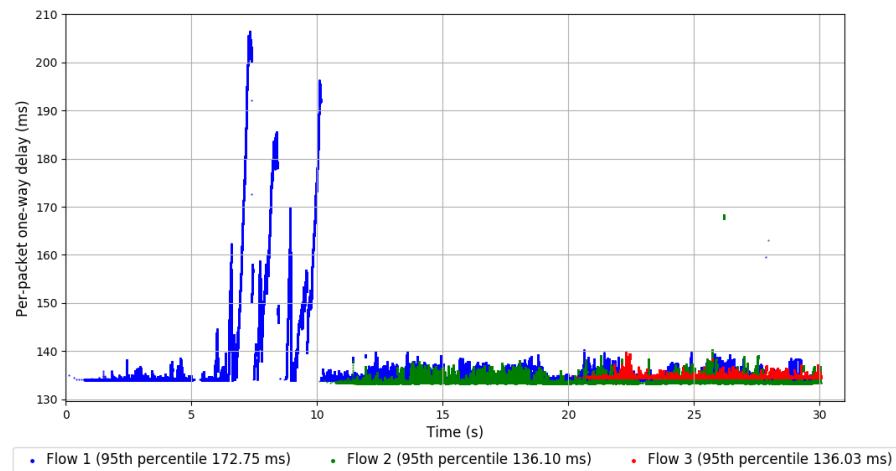
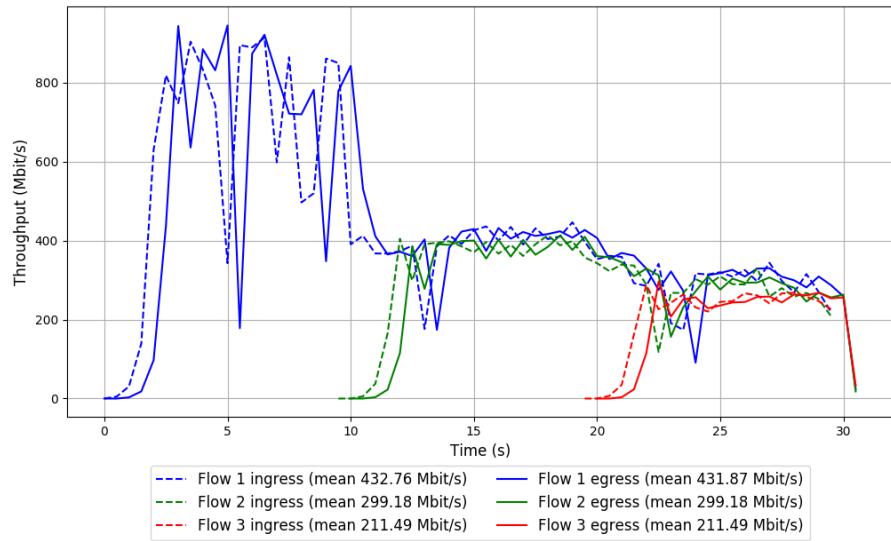


```
Run 1: Statistics of FillP-Sheep
```

```
Start at: 2020-02-18 15:47:10
End at: 2020-02-18 15:47:40
Local clock offset: -0.096 ms
Remote clock offset: -0.079 ms

# Below is generated by plot.py at 2020-02-18 19:45:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 701.40 Mbit/s
95th percentile per-packet one-way delay: 156.885 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 431.87 Mbit/s
95th percentile per-packet one-way delay: 172.749 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 299.18 Mbit/s
95th percentile per-packet one-way delay: 136.097 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 211.49 Mbit/s
95th percentile per-packet one-way delay: 136.025 ms
Loss rate: 0.00%
```

Run 1: Report of FillP-Sheep — Data Link

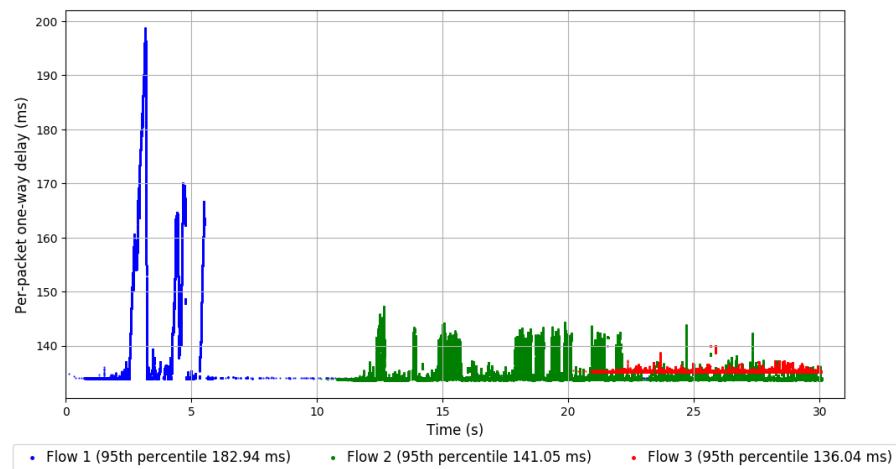
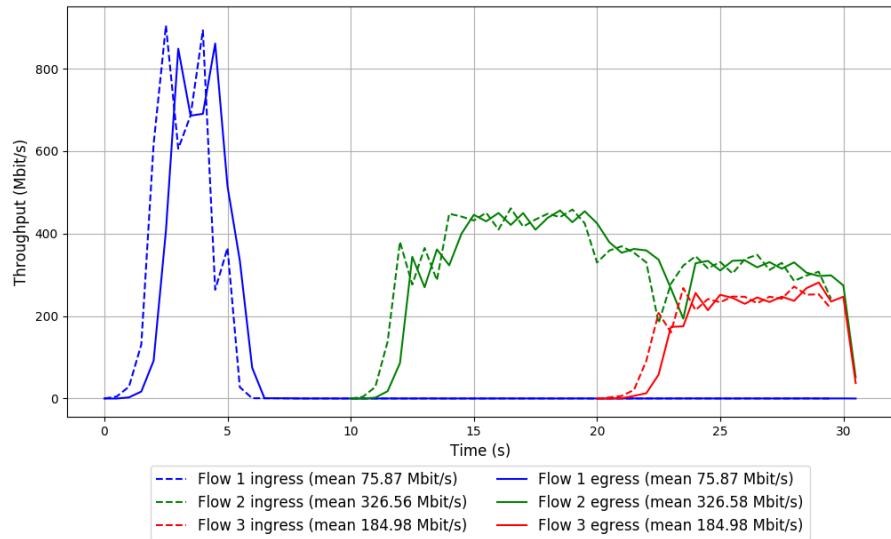


Run 2: Statistics of FillP-Sheep

```
Start at: 2020-02-18 16:29:37
End at: 2020-02-18 16:30:07
Local clock offset: -0.024 ms
Remote clock offset: -0.073 ms

# Below is generated by plot.py at 2020-02-18 19:45:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 354.15 Mbit/s
95th percentile per-packet one-way delay: 160.581 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 75.87 Mbit/s
95th percentile per-packet one-way delay: 182.944 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 326.58 Mbit/s
95th percentile per-packet one-way delay: 141.048 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 184.98 Mbit/s
95th percentile per-packet one-way delay: 136.039 ms
Loss rate: 0.00%
```

Run 2: Report of FillP-Sheep — Data Link

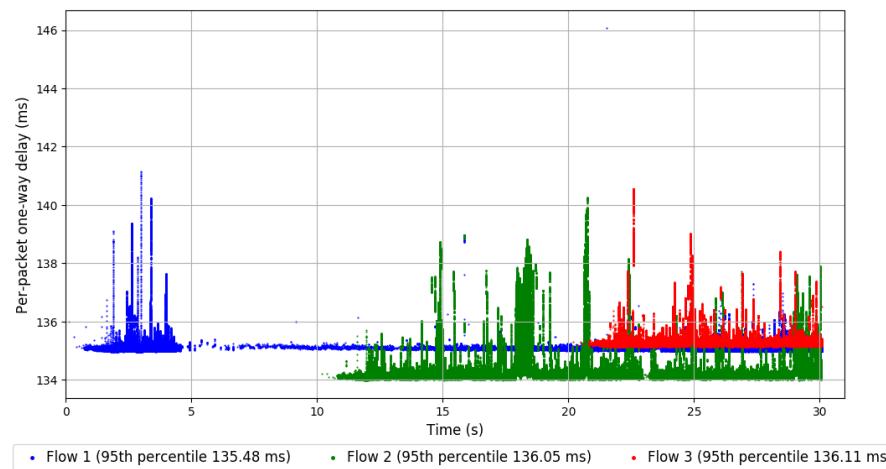
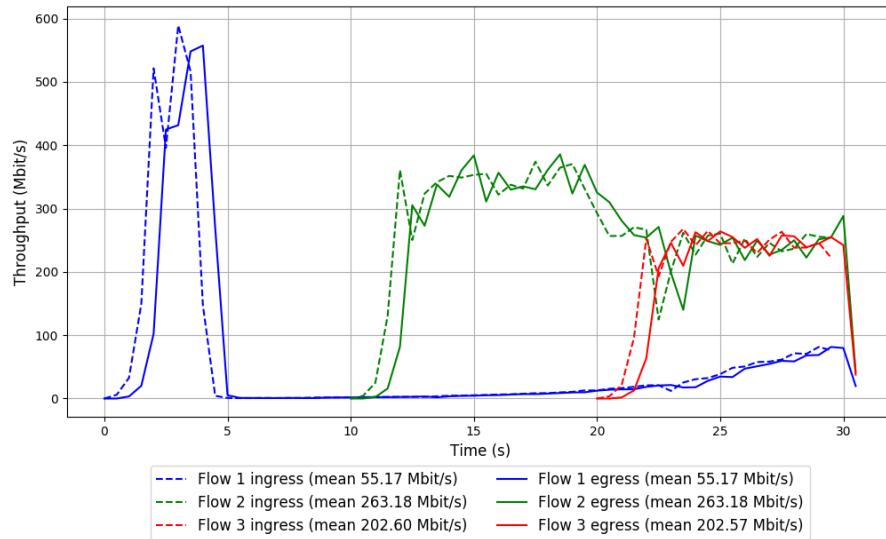


Run 3: Statistics of FillP-Sheep

```
Start at: 2020-02-18 17:11:49
End at: 2020-02-18 17:12:19
Local clock offset: -0.099 ms
Remote clock offset: -0.161 ms

# Below is generated by plot.py at 2020-02-18 19:45:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 296.79 Mbit/s
95th percentile per-packet one-way delay: 135.947 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.17 Mbit/s
95th percentile per-packet one-way delay: 135.479 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 263.18 Mbit/s
95th percentile per-packet one-way delay: 136.052 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 202.57 Mbit/s
95th percentile per-packet one-way delay: 136.108 ms
Loss rate: 0.00%
```

Run 3: Report of FillP-Sheep — Data Link

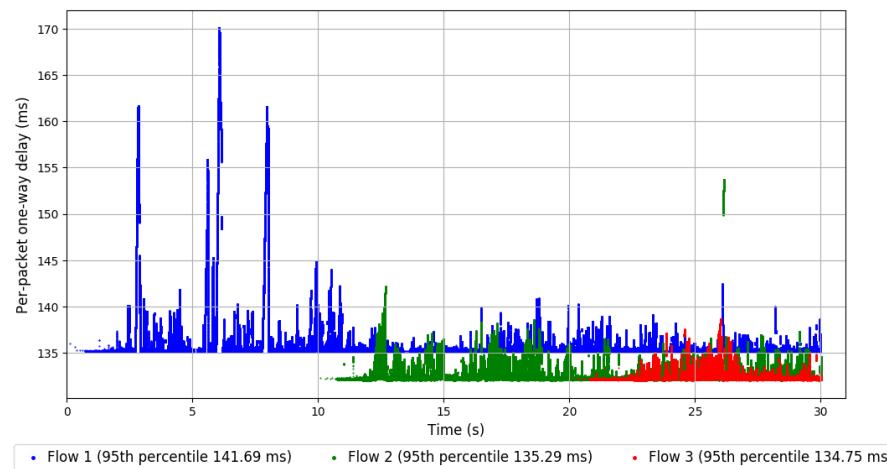
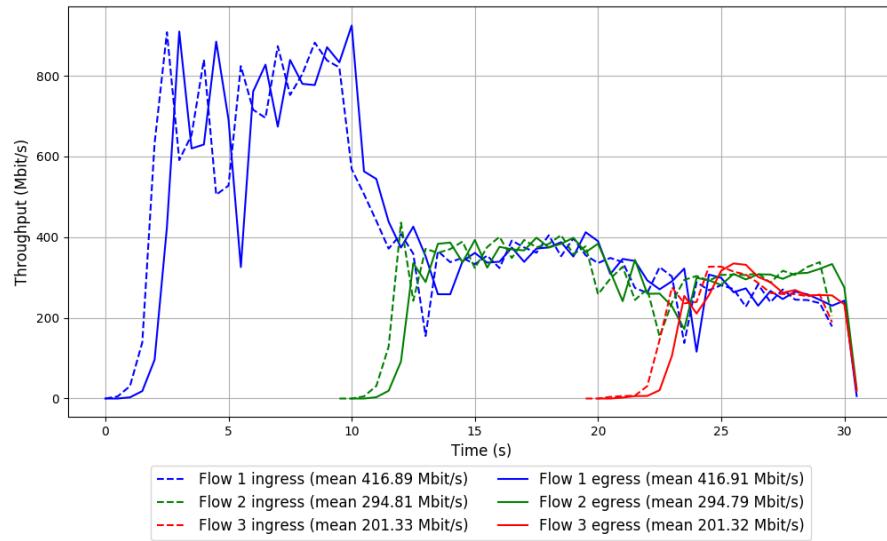


Run 4: Statistics of FillP-Sheep

```
Start at: 2020-02-18 17:53:27
End at: 2020-02-18 17:53:57
Local clock offset: -0.048 ms
Remote clock offset: -0.109 ms

# Below is generated by plot.py at 2020-02-18 19:50:37
# Datalink statistics
-- Total of 3 flows:
Average throughput: 680.00 Mbit/s
95th percentile per-packet one-way delay: 138.747 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 416.91 Mbit/s
95th percentile per-packet one-way delay: 141.693 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 294.79 Mbit/s
95th percentile per-packet one-way delay: 135.291 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 201.32 Mbit/s
95th percentile per-packet one-way delay: 134.755 ms
Loss rate: 0.00%
```

Run 4: Report of FillP-Sheep — Data Link

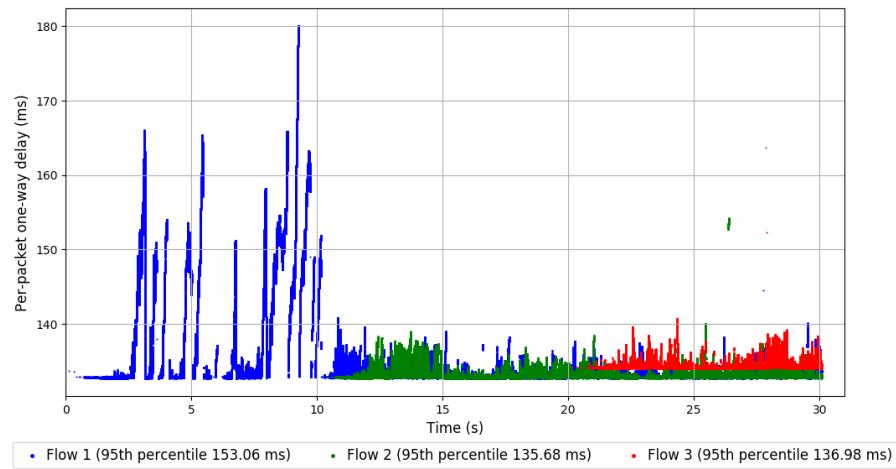
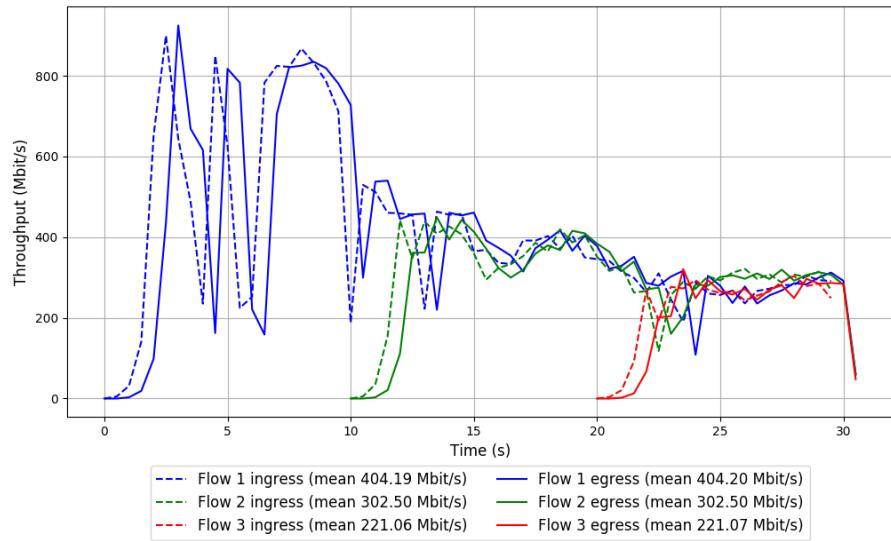


Run 5: Statistics of FillP-Sheep

```
Start at: 2020-02-18 18:35:44
End at: 2020-02-18 18:36:14
Local clock offset: -0.173 ms
Remote clock offset: -0.059 ms

# Below is generated by plot.py at 2020-02-18 19:52:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 678.58 Mbit/s
95th percentile per-packet one-way delay: 150.601 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 404.20 Mbit/s
95th percentile per-packet one-way delay: 153.062 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 302.50 Mbit/s
95th percentile per-packet one-way delay: 135.681 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 221.07 Mbit/s
95th percentile per-packet one-way delay: 136.976 ms
Loss rate: 0.00%
```

Run 5: Report of FillP-Sheep — Data Link

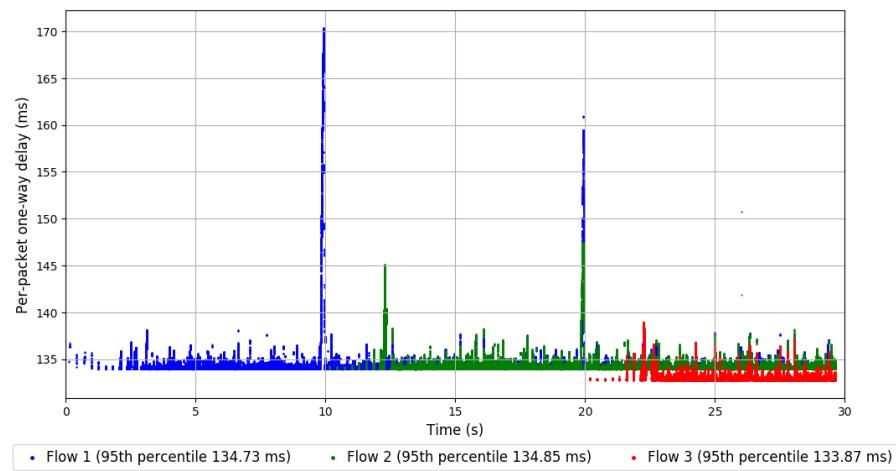
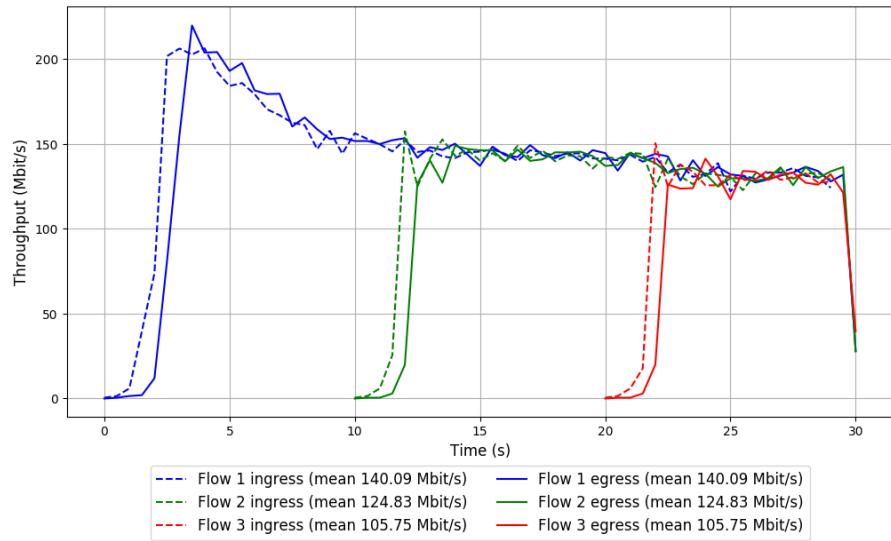


Run 1: Statistics of Indigo

```
Start at: 2020-02-18 15:30:47
End at: 2020-02-18 15:31:17
Local clock offset: -0.111 ms
Remote clock offset: -0.11 ms

# Below is generated by plot.py at 2020-02-18 19:52:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 256.31 Mbit/s
95th percentile per-packet one-way delay: 134.718 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 140.09 Mbit/s
95th percentile per-packet one-way delay: 134.733 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 124.83 Mbit/s
95th percentile per-packet one-way delay: 134.850 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 105.75 Mbit/s
95th percentile per-packet one-way delay: 133.871 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo — Data Link

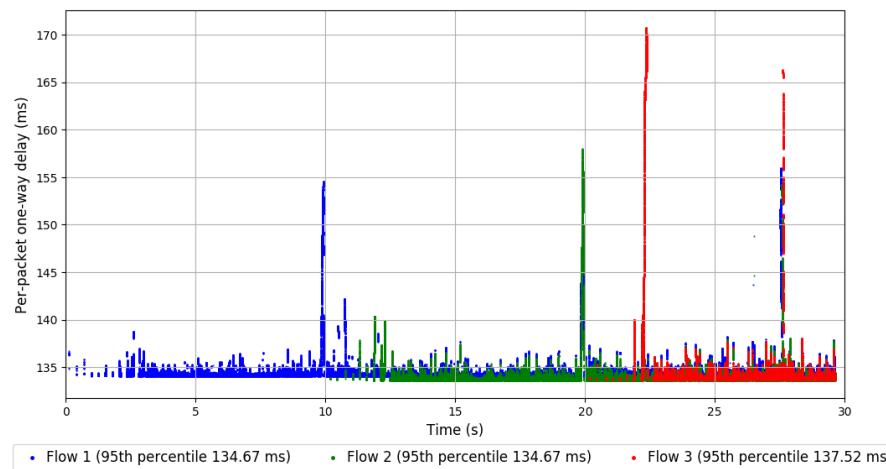
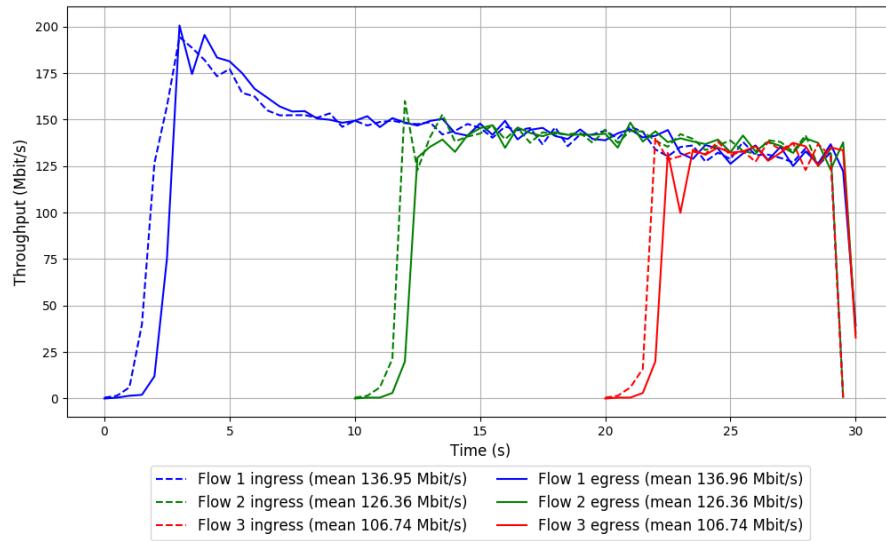


Run 2: Statistics of Indigo

```
Start at: 2020-02-18 16:13:30
End at: 2020-02-18 16:14:00
Local clock offset: 0.314 ms
Remote clock offset: 0.026 ms

# Below is generated by plot.py at 2020-02-18 19:52:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 254.43 Mbit/s
95th percentile per-packet one-way delay: 134.778 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 136.96 Mbit/s
95th percentile per-packet one-way delay: 134.669 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 126.36 Mbit/s
95th percentile per-packet one-way delay: 134.673 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 106.74 Mbit/s
95th percentile per-packet one-way delay: 137.518 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo — Data Link

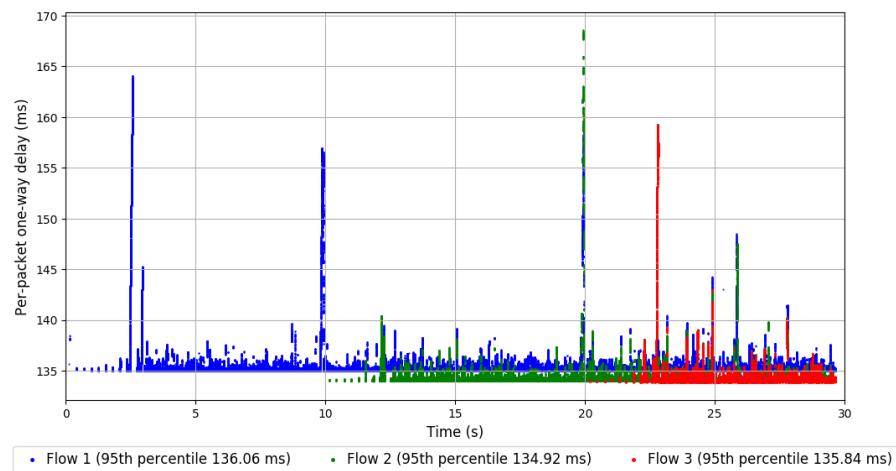
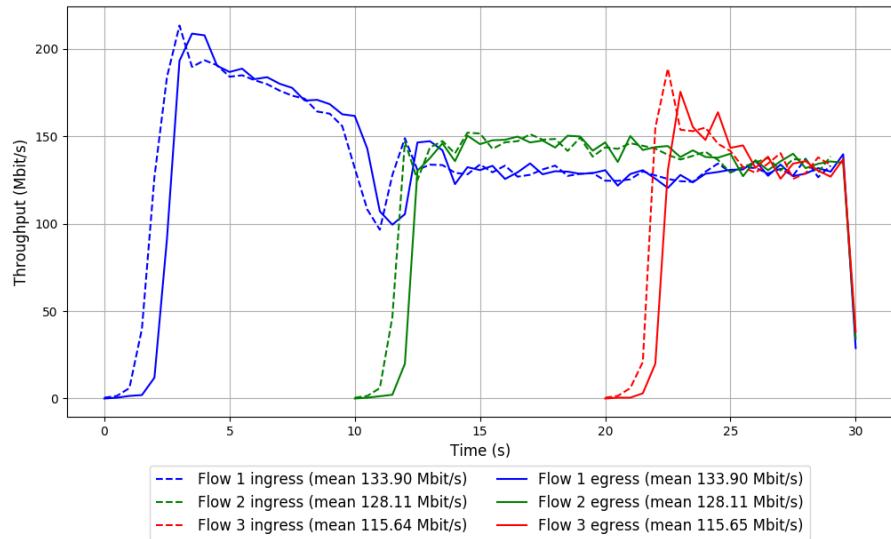


Run 3: Statistics of Indigo

```
Start at: 2020-02-18 16:55:21
End at: 2020-02-18 16:55:51
Local clock offset: -0.055 ms
Remote clock offset: -0.111 ms

# Below is generated by plot.py at 2020-02-18 19:52:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 255.59 Mbit/s
95th percentile per-packet one-way delay: 135.766 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 133.90 Mbit/s
95th percentile per-packet one-way delay: 136.061 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 128.11 Mbit/s
95th percentile per-packet one-way delay: 134.922 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 115.65 Mbit/s
95th percentile per-packet one-way delay: 135.841 ms
Loss rate: 0.00%
```

Run 3: Report of Indigo — Data Link

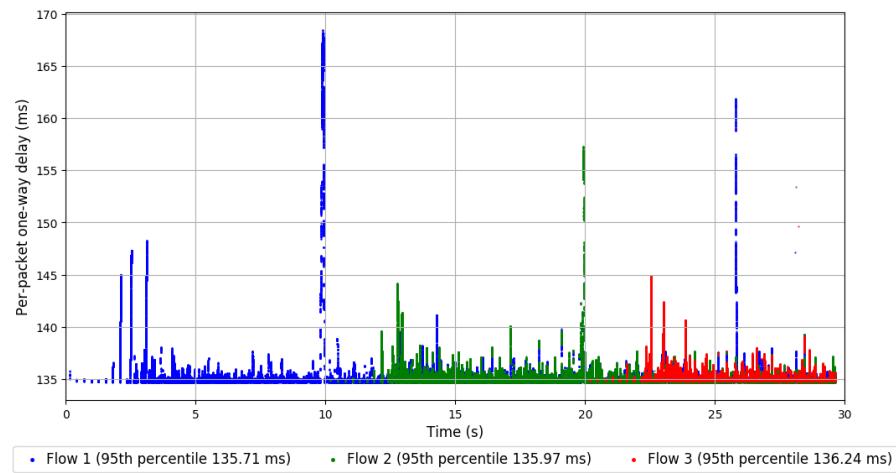
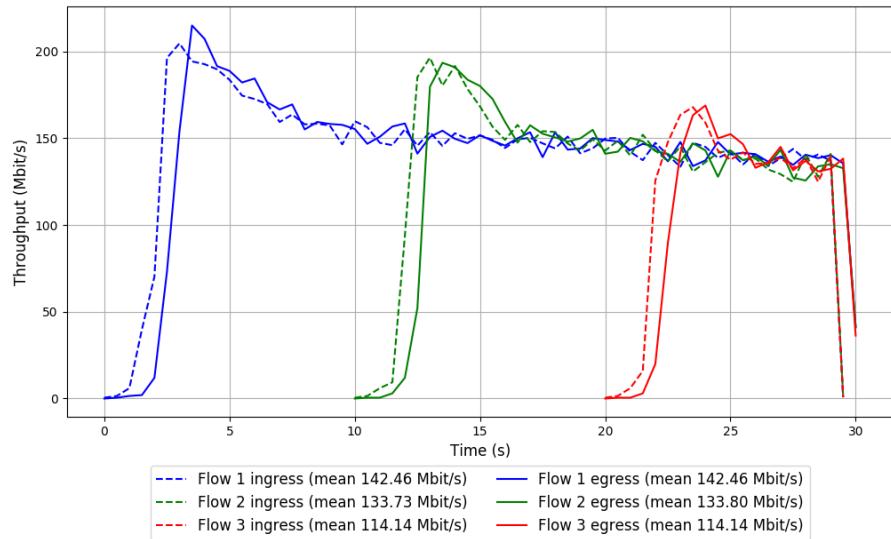


Run 4: Statistics of Indigo

```
Start at: 2020-02-18 17:37:14
End at: 2020-02-18 17:37:44
Local clock offset: -0.168 ms
Remote clock offset: -0.493 ms

# Below is generated by plot.py at 2020-02-18 19:52:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 267.17 Mbit/s
95th percentile per-packet one-way delay: 135.895 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 142.46 Mbit/s
95th percentile per-packet one-way delay: 135.710 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 133.80 Mbit/s
95th percentile per-packet one-way delay: 135.966 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 114.14 Mbit/s
95th percentile per-packet one-way delay: 136.236 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo — Data Link

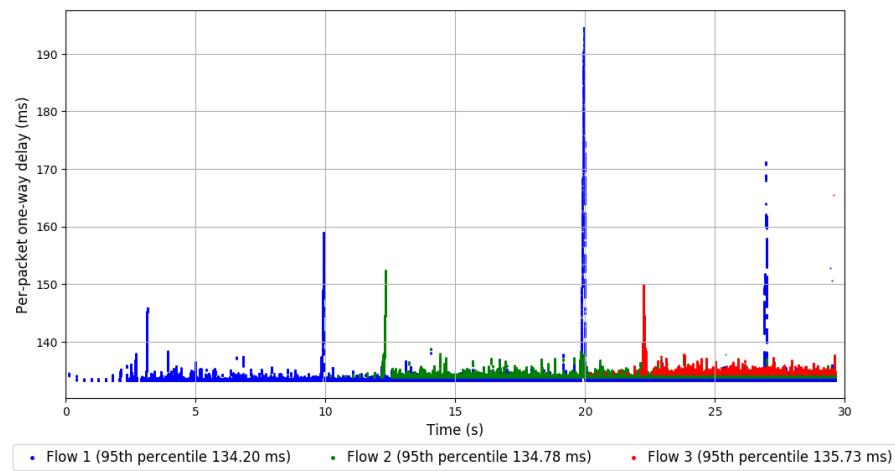
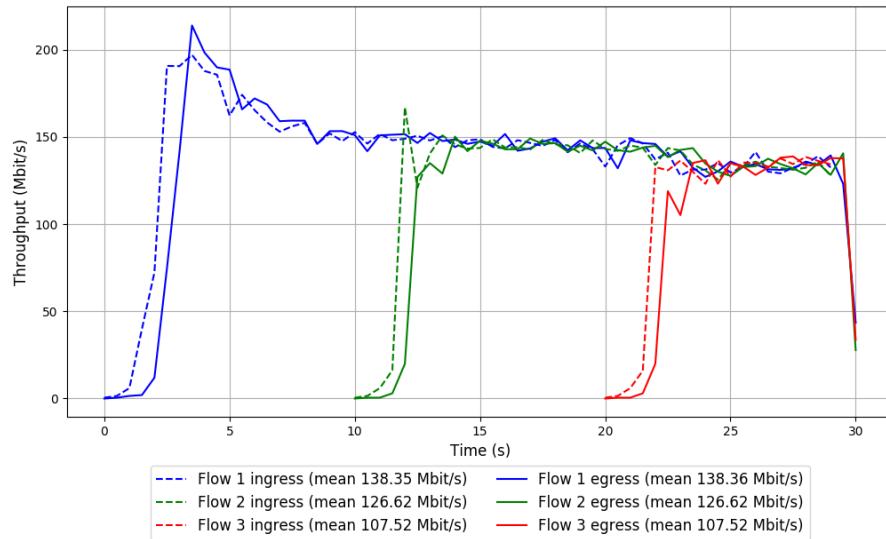


Run 5: Statistics of Indigo

```
Start at: 2020-02-18 18:19:11
End at: 2020-02-18 18:19:41
Local clock offset: -0.138 ms
Remote clock offset: -0.061 ms

# Below is generated by plot.py at 2020-02-18 19:52:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 256.08 Mbit/s
95th percentile per-packet one-way delay: 134.778 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 138.36 Mbit/s
95th percentile per-packet one-way delay: 134.200 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 126.62 Mbit/s
95th percentile per-packet one-way delay: 134.780 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 107.52 Mbit/s
95th percentile per-packet one-way delay: 135.728 ms
Loss rate: 0.00%
```

Run 5: Report of Indigo — Data Link

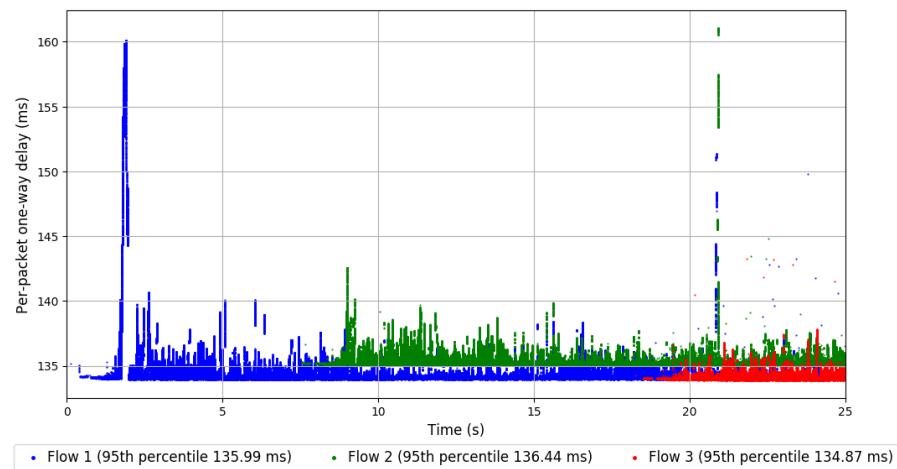
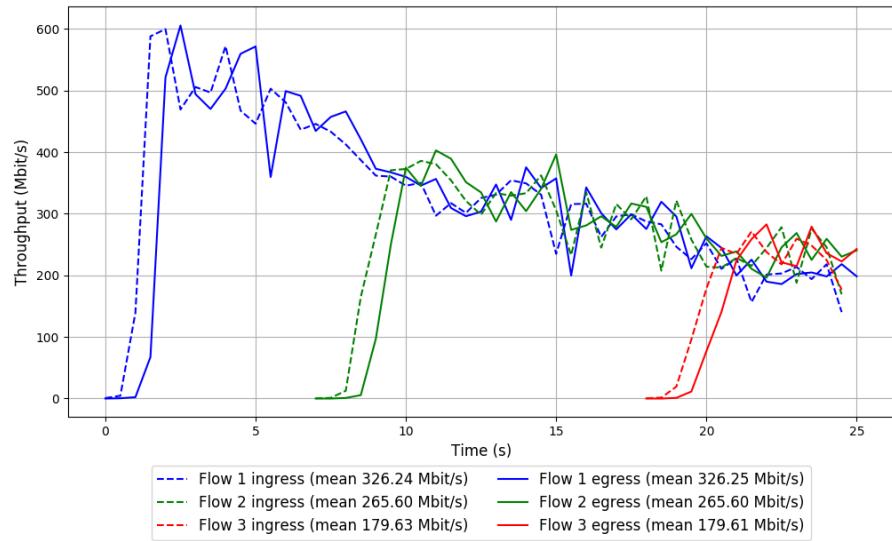


Run 1: Statistics of Indigo-MusesC3

```
Start at: 2020-02-18 15:10:28
End at: 2020-02-18 15:10:58
Local clock offset: -0.034 ms
Remote clock offset: -0.184 ms

# Below is generated by plot.py at 2020-02-18 19:56:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 564.10 Mbit/s
95th percentile per-packet one-way delay: 136.189 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 326.25 Mbit/s
95th percentile per-packet one-way delay: 135.994 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 265.60 Mbit/s
95th percentile per-packet one-way delay: 136.440 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 179.61 Mbit/s
95th percentile per-packet one-way delay: 134.868 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo-MusesC3 — Data Link

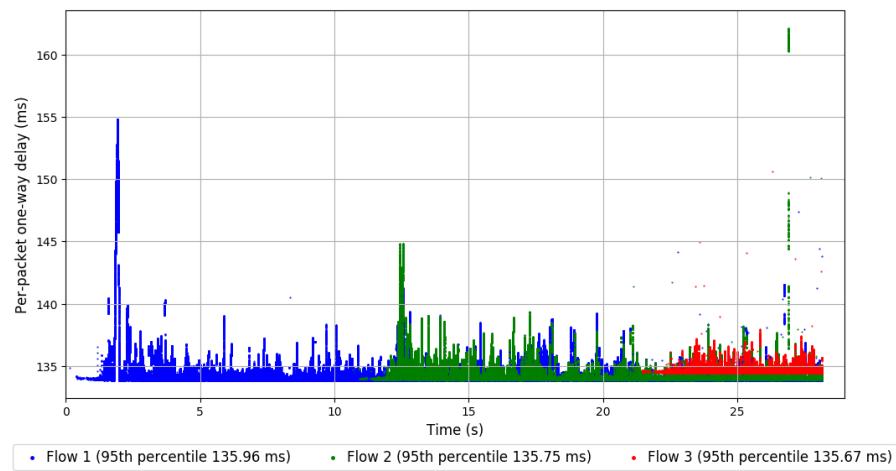
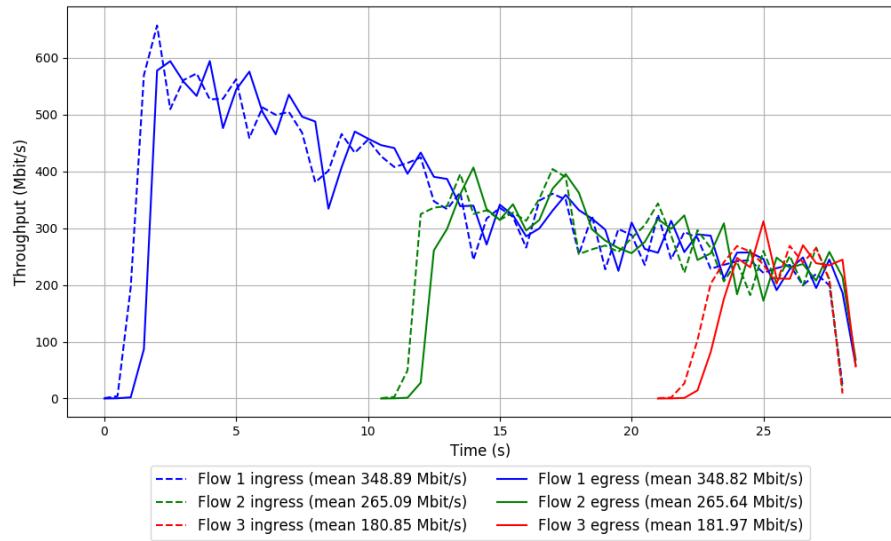


Run 2: Statistics of Indigo-MusesC3

```
Start at: 2020-02-18 15:52:38
End at: 2020-02-18 15:53:08
Local clock offset: -0.077 ms
Remote clock offset: -0.036 ms

# Below is generated by plot.py at 2020-02-18 19:59:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 559.58 Mbit/s
95th percentile per-packet one-way delay: 135.855 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 348.82 Mbit/s
95th percentile per-packet one-way delay: 135.959 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 265.64 Mbit/s
95th percentile per-packet one-way delay: 135.751 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 181.97 Mbit/s
95th percentile per-packet one-way delay: 135.666 ms
Loss rate: 0.02%
```

Run 2: Report of Indigo-MusesC3 — Data Link

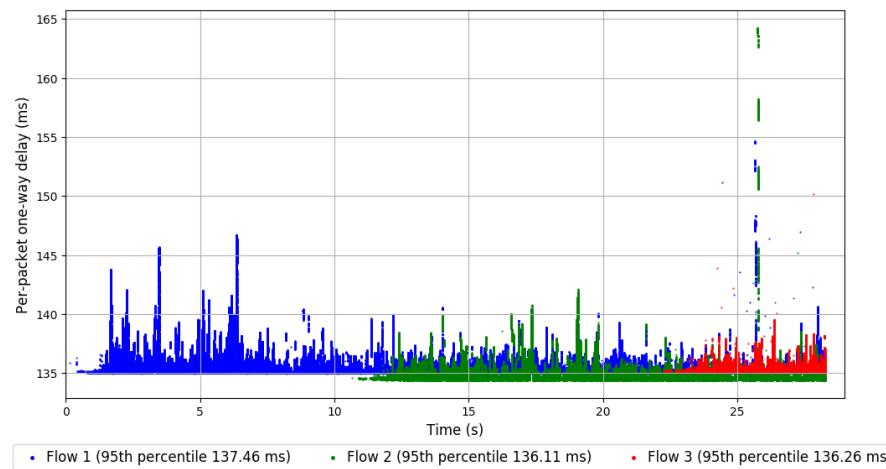
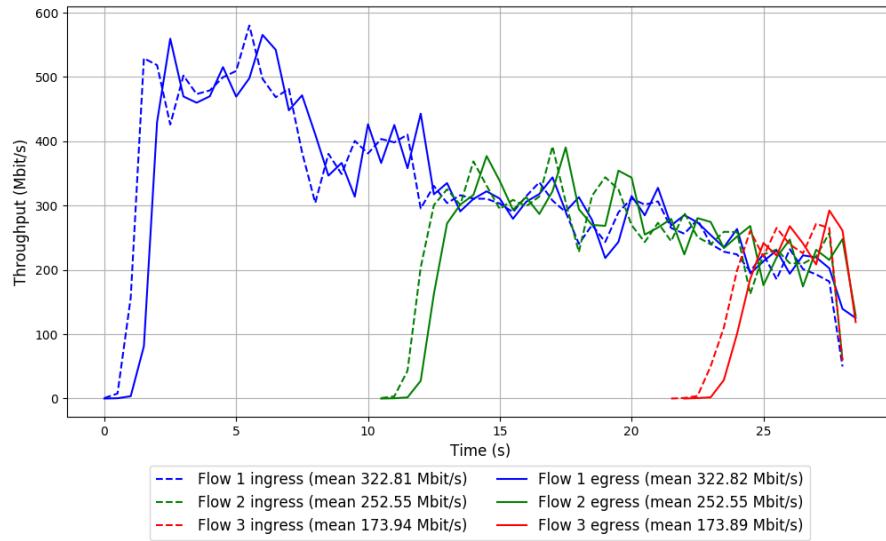


Run 3: Statistics of Indigo-MusesC3

```
Start at: 2020-02-18 16:34:45
End at: 2020-02-18 16:35:15
Local clock offset: -0.002 ms
Remote clock offset: -0.05 ms

# Below is generated by plot.py at 2020-02-18 19:59:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 519.68 Mbit/s
95th percentile per-packet one-way delay: 137.052 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 322.82 Mbit/s
95th percentile per-packet one-way delay: 137.457 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 252.55 Mbit/s
95th percentile per-packet one-way delay: 136.108 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 173.89 Mbit/s
95th percentile per-packet one-way delay: 136.261 ms
Loss rate: 0.00%
```

Run 3: Report of Indigo-MusesC3 — Data Link

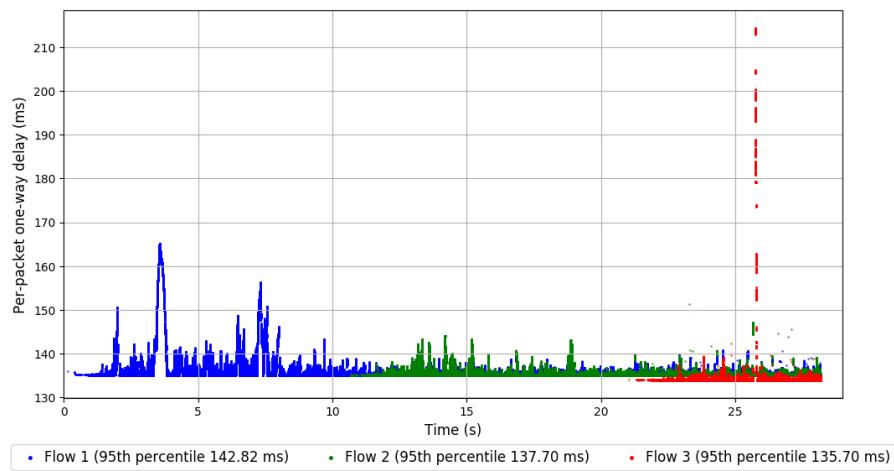
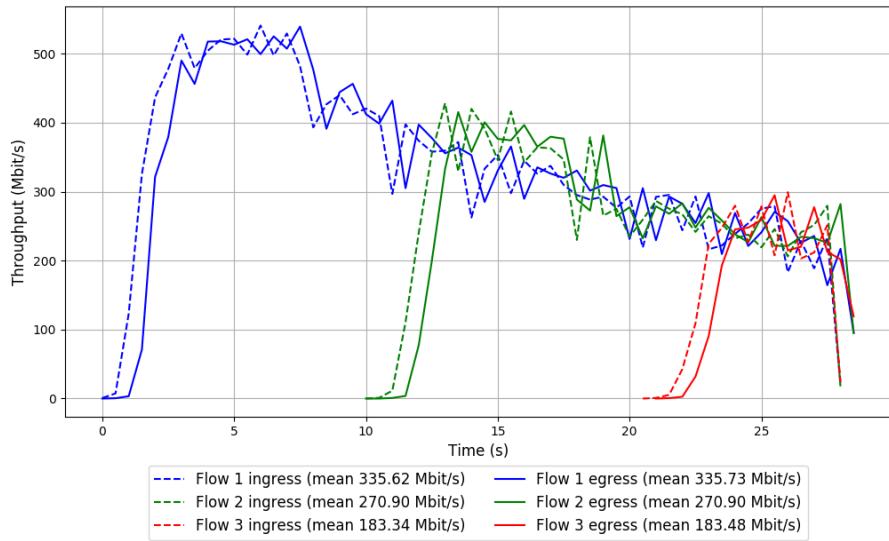


Run 4: Statistics of Indigo-MusesC3

```
Start at: 2020-02-18 17:16:58
End at: 2020-02-18 17:17:28
Local clock offset: -0.143 ms
Remote clock offset: -0.157 ms

# Below is generated by plot.py at 2020-02-18 19:59:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 553.98 Mbit/s
95th percentile per-packet one-way delay: 140.173 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 335.73 Mbit/s
95th percentile per-packet one-way delay: 142.818 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 270.90 Mbit/s
95th percentile per-packet one-way delay: 137.704 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 183.48 Mbit/s
95th percentile per-packet one-way delay: 135.701 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo-MusesC3 — Data Link

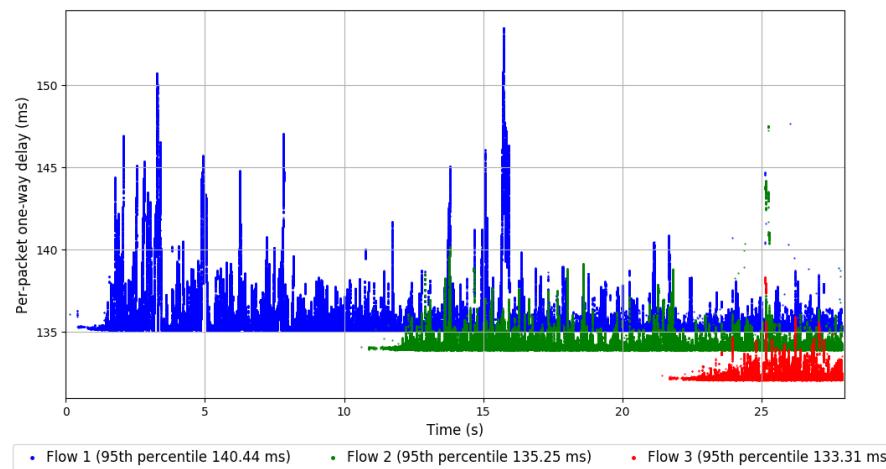
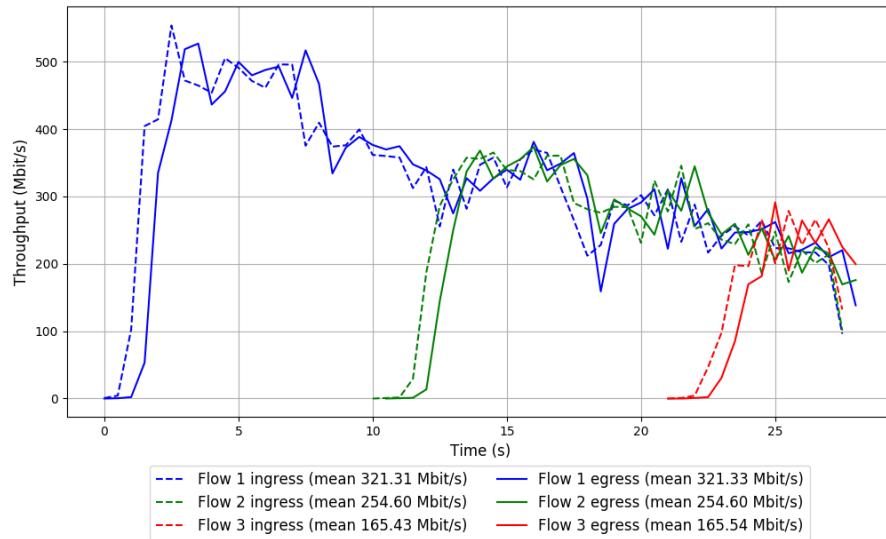


Run 5: Statistics of Indigo-MusesC3

```
Start at: 2020-02-18 17:58:52
End at: 2020-02-18 17:59:22
Local clock offset: -0.068 ms
Remote clock offset: -0.115 ms

# Below is generated by plot.py at 2020-02-18 20:01:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 518.35 Mbit/s
95th percentile per-packet one-way delay: 138.566 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 321.33 Mbit/s
95th percentile per-packet one-way delay: 140.441 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 254.60 Mbit/s
95th percentile per-packet one-way delay: 135.246 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 165.54 Mbit/s
95th percentile per-packet one-way delay: 133.311 ms
Loss rate: 0.00%
```

Run 5: Report of Indigo-MusesC3 — Data Link

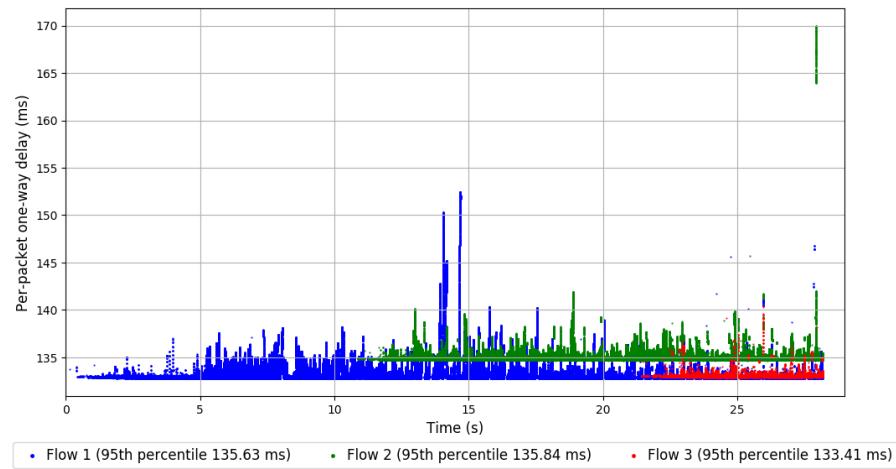
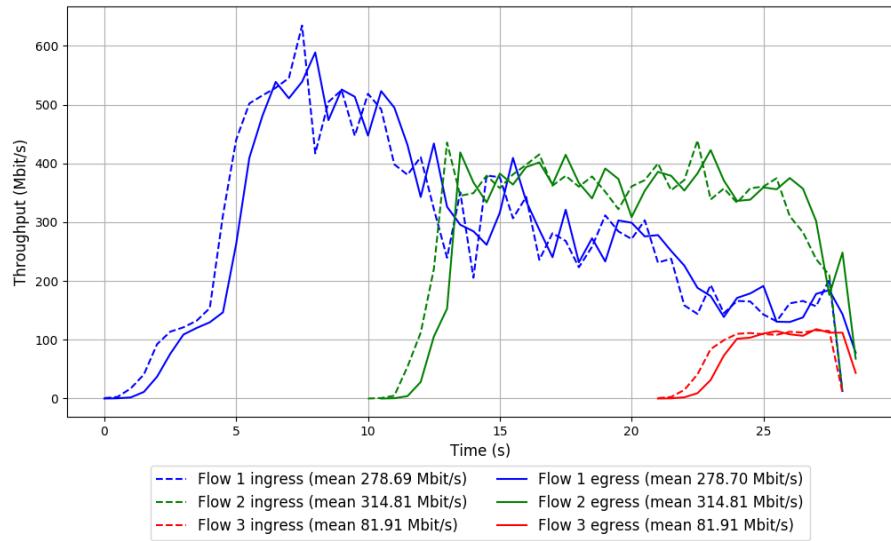


Run 1: Statistics of Indigo-MusesC5

```
Start at: 2020-02-18 15:12:18
End at: 2020-02-18 15:12:48
Local clock offset: 0.333 ms
Remote clock offset: -0.14 ms

# Below is generated by plot.py at 2020-02-18 20:01:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 496.45 Mbit/s
95th percentile per-packet one-way delay: 135.711 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 278.70 Mbit/s
95th percentile per-packet one-way delay: 135.630 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 314.81 Mbit/s
95th percentile per-packet one-way delay: 135.835 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 81.91 Mbit/s
95th percentile per-packet one-way delay: 133.415 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo-MusesC5 — Data Link

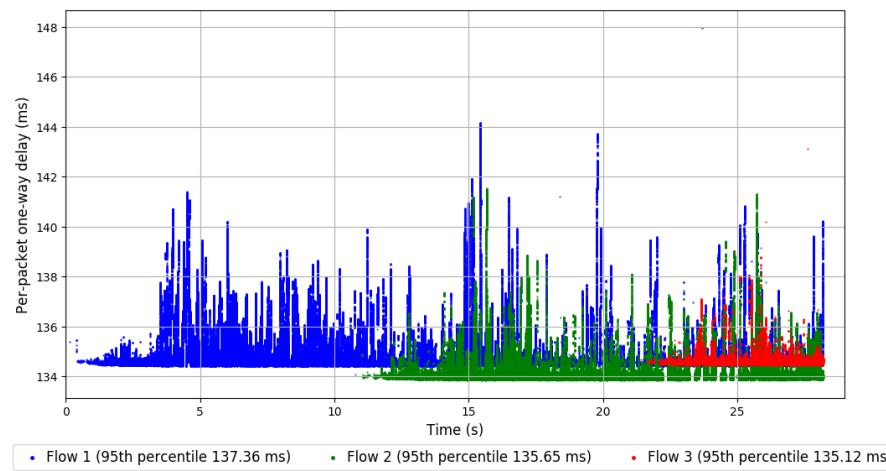
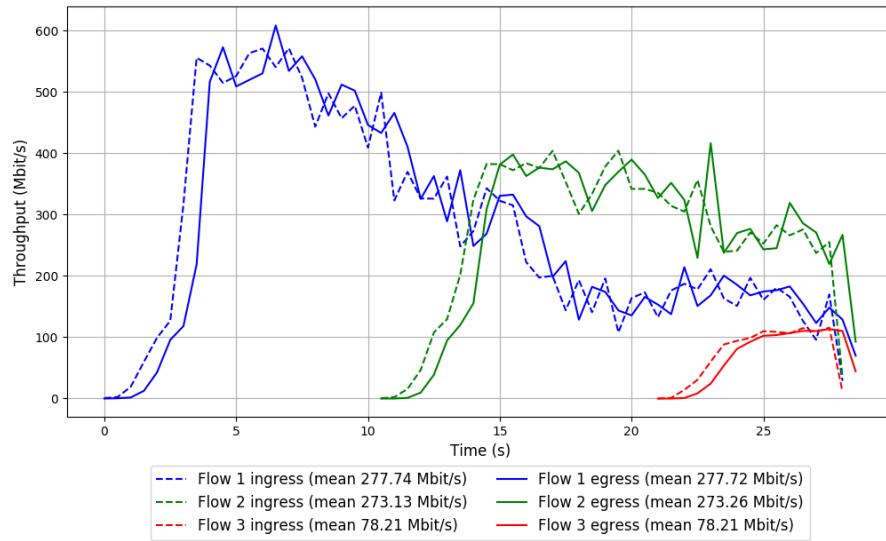


Run 2: Statistics of Indigo-MusesC5

```
Start at: 2020-02-18 15:54:31
End at: 2020-02-18 15:55:01
Local clock offset: -0.071 ms
Remote clock offset: -0.03 ms

# Below is generated by plot.py at 2020-02-18 20:01:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 466.31 Mbit/s
95th percentile per-packet one-way delay: 136.914 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 277.72 Mbit/s
95th percentile per-packet one-way delay: 137.361 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 273.26 Mbit/s
95th percentile per-packet one-way delay: 135.654 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 78.21 Mbit/s
95th percentile per-packet one-way delay: 135.117 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo-MusesC5 — Data Link

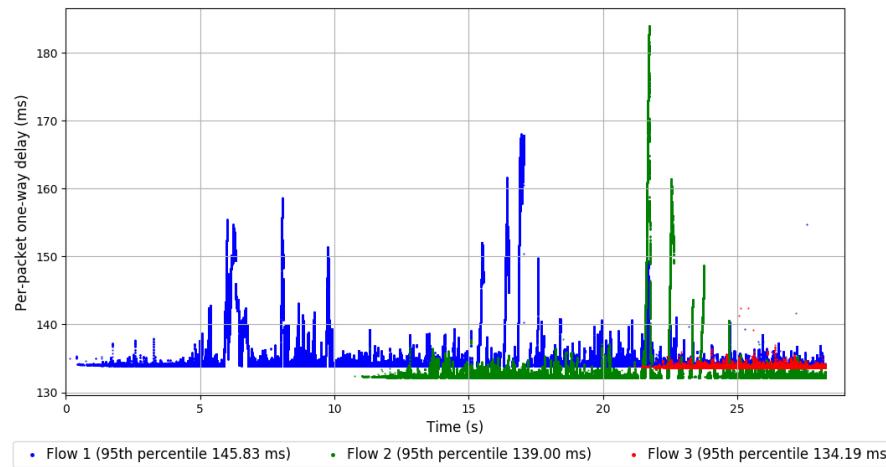
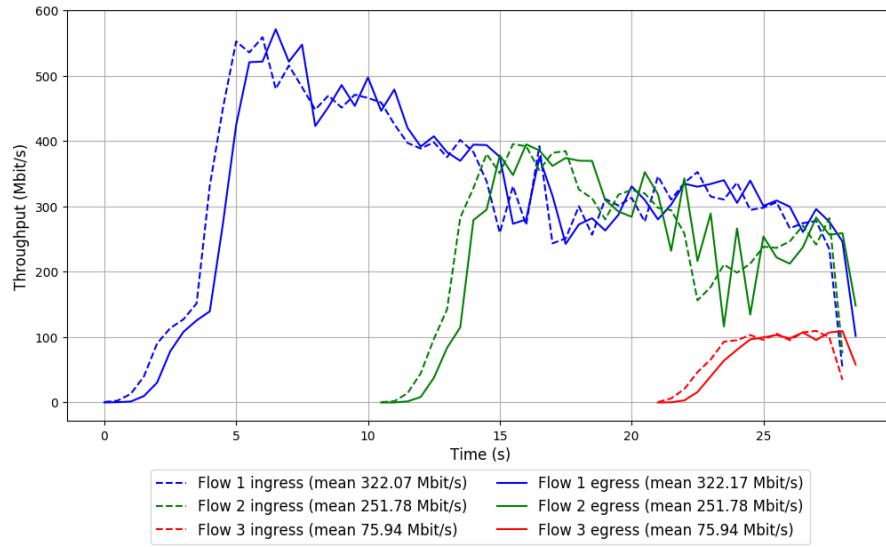


Run 3: Statistics of Indigo-MusesC5

```
Start at: 2020-02-18 16:36:37
End at: 2020-02-18 16:37:07
Local clock offset: -0.037 ms
Remote clock offset: -0.081 ms

# Below is generated by plot.py at 2020-02-18 20:04:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 498.15 Mbit/s
95th percentile per-packet one-way delay: 143.146 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 322.17 Mbit/s
95th percentile per-packet one-way delay: 145.828 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 251.78 Mbit/s
95th percentile per-packet one-way delay: 139.003 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 75.94 Mbit/s
95th percentile per-packet one-way delay: 134.187 ms
Loss rate: 0.00%
```

Run 3: Report of Indigo-MusesC5 — Data Link

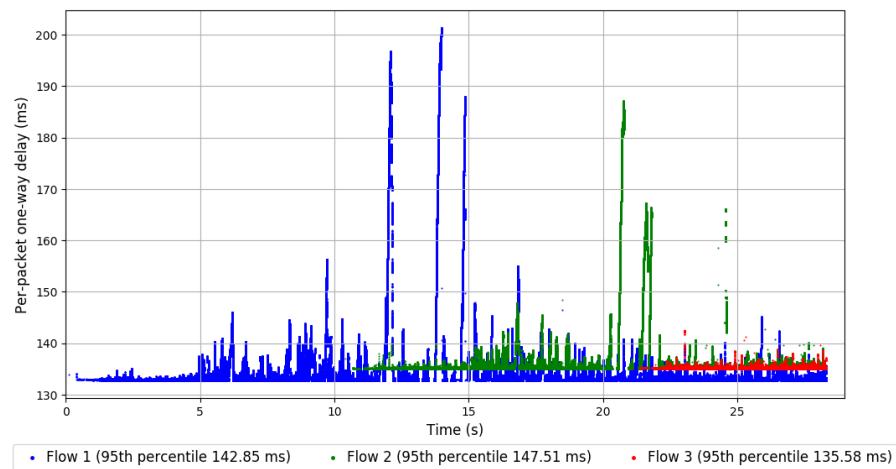
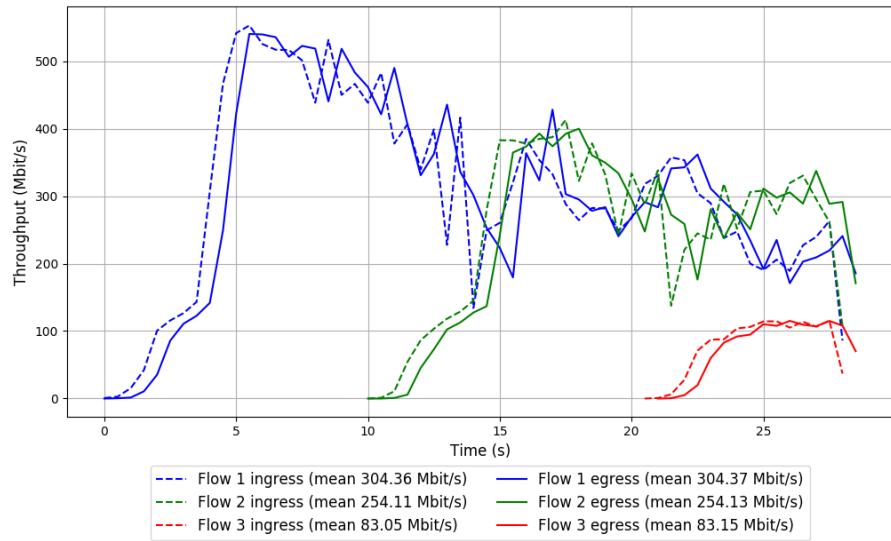


Run 4: Statistics of Indigo-MusesC5

```
Start at: 2020-02-18 17:18:52
End at: 2020-02-18 17:19:22
Local clock offset: -0.118 ms
Remote clock offset: -0.185 ms

# Below is generated by plot.py at 2020-02-18 20:07:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 487.06 Mbit/s
95th percentile per-packet one-way delay: 143.815 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 304.37 Mbit/s
95th percentile per-packet one-way delay: 142.852 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 254.13 Mbit/s
95th percentile per-packet one-way delay: 147.506 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 83.15 Mbit/s
95th percentile per-packet one-way delay: 135.582 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo-MusesC5 — Data Link

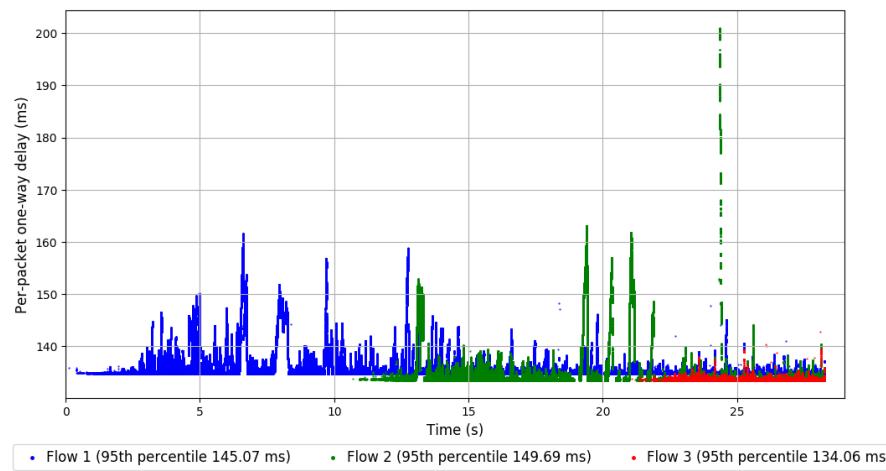
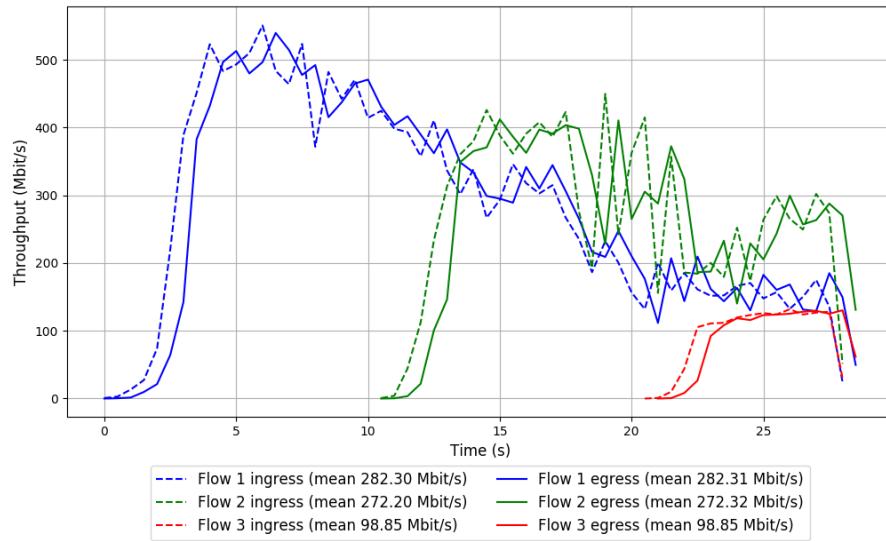


Run 5: Statistics of Indigo-MusesC5

```
Start at: 2020-02-18 18:00:43
End at: 2020-02-18 18:01:14
Local clock offset: -0.082 ms
Remote clock offset: -0.478 ms

# Below is generated by plot.py at 2020-02-18 20:09:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 477.64 Mbit/s
95th percentile per-packet one-way delay: 145.844 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 282.31 Mbit/s
95th percentile per-packet one-way delay: 145.068 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 272.32 Mbit/s
95th percentile per-packet one-way delay: 149.692 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 98.85 Mbit/s
95th percentile per-packet one-way delay: 134.065 ms
Loss rate: 0.00%
```

Run 5: Report of Indigo-MusesC5 — Data Link

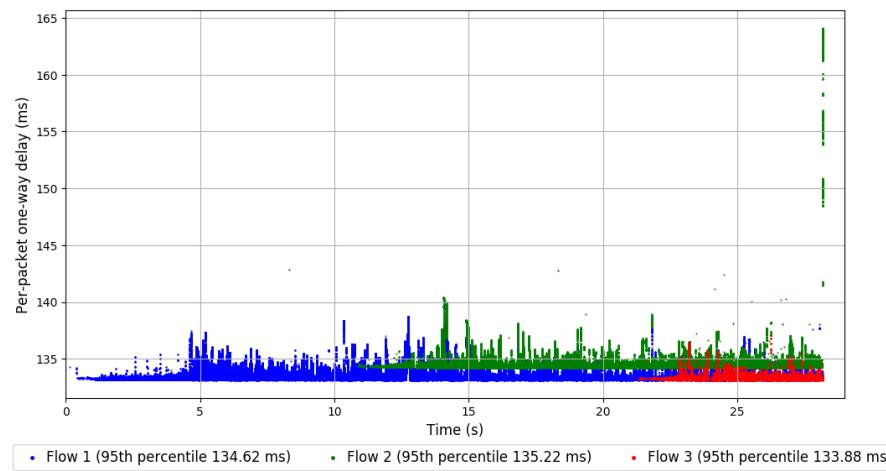
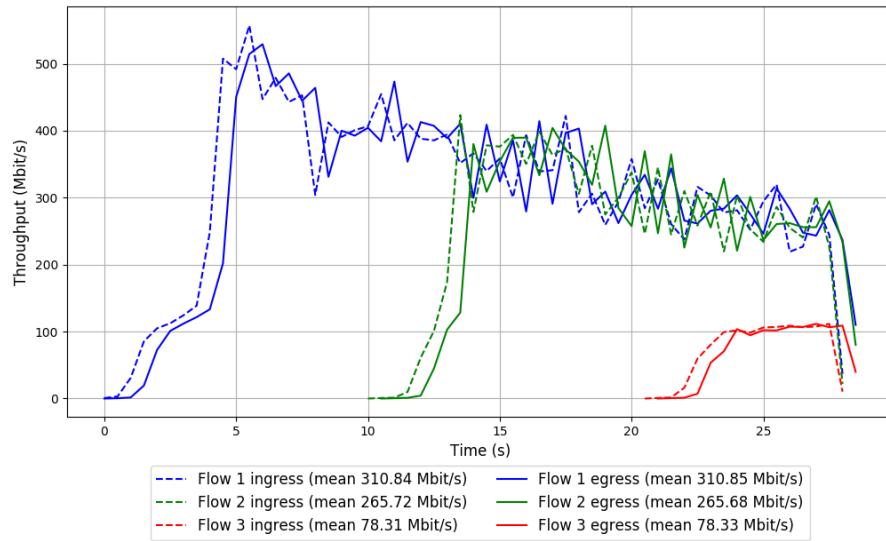


Run 1: Statistics of Indigo-MusesD

```
Start at: 2020-02-18 15:36:04
End at: 2020-02-18 15:36:34
Local clock offset: 0.035 ms
Remote clock offset: -0.153 ms

# Below is generated by plot.py at 2020-02-18 20:11:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 497.06 Mbit/s
95th percentile per-packet one-way delay: 134.894 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 310.85 Mbit/s
95th percentile per-packet one-way delay: 134.618 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 265.68 Mbit/s
95th percentile per-packet one-way delay: 135.222 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 78.33 Mbit/s
95th percentile per-packet one-way delay: 133.884 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo-MusesD — Data Link

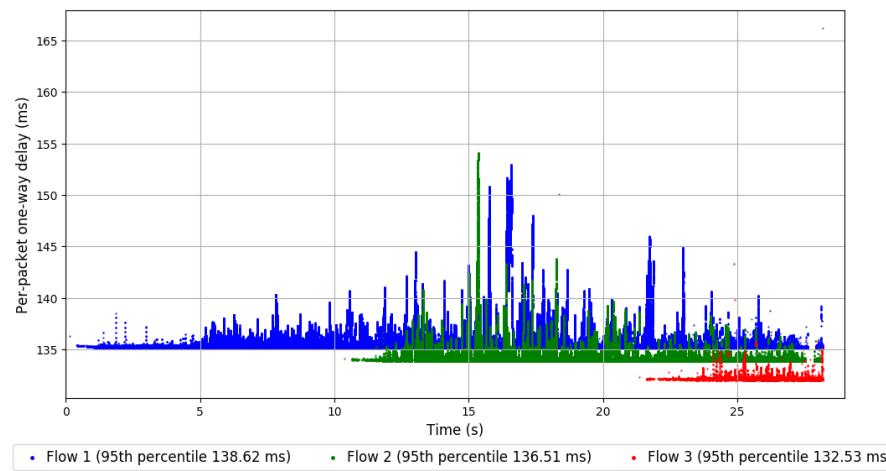
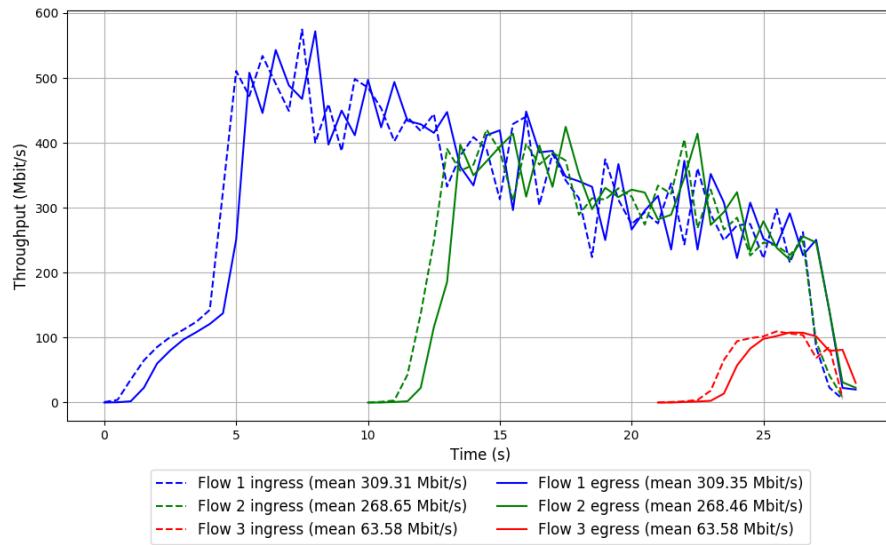


Run 2: Statistics of Indigo-MusesD

```
Start at: 2020-02-18 16:18:51
End at: 2020-02-18 16:19:21
Local clock offset: -0.049 ms
Remote clock offset: 0.005 ms

# Below is generated by plot.py at 2020-02-18 20:11:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 495.29 Mbit/s
95th percentile per-packet one-way delay: 137.910 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 309.35 Mbit/s
95th percentile per-packet one-way delay: 138.625 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 268.46 Mbit/s
95th percentile per-packet one-way delay: 136.506 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 63.58 Mbit/s
95th percentile per-packet one-way delay: 132.535 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo-MusesD — Data Link

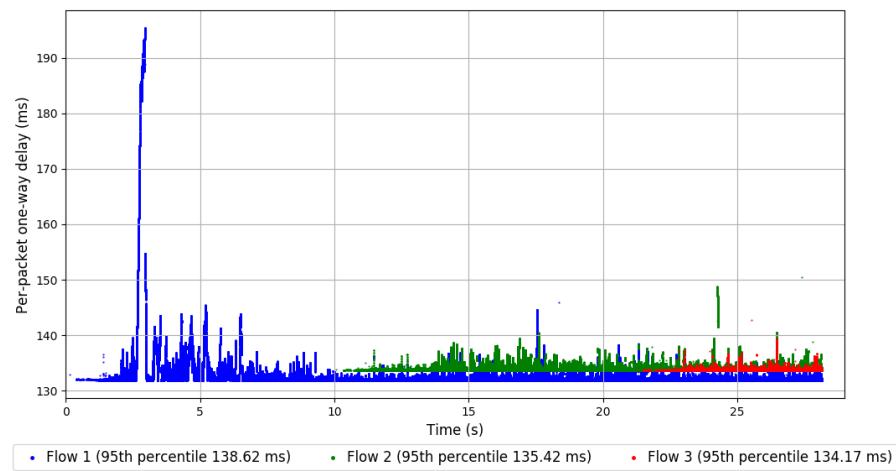
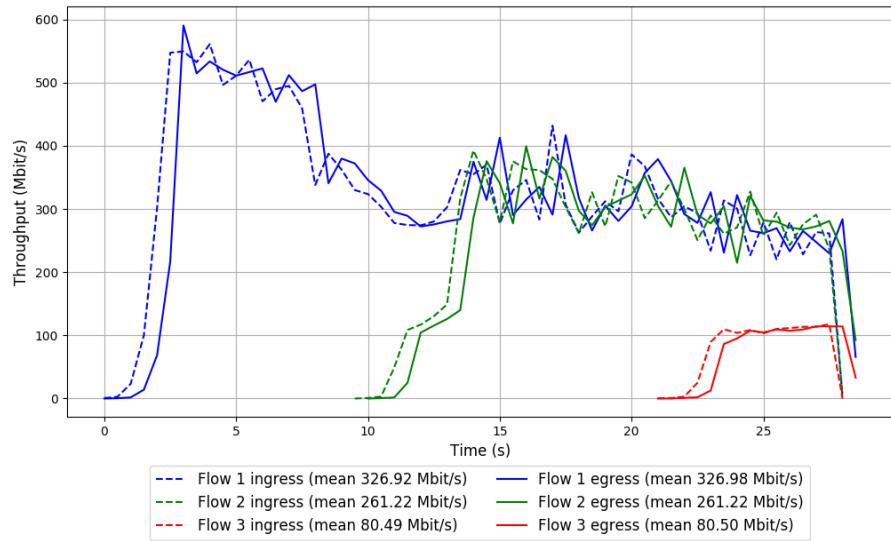


Run 3: Statistics of Indigo-MusesD

```
Start at: 2020-02-18 17:00:33
End at: 2020-02-18 17:01:03
Local clock offset: -0.112 ms
Remote clock offset: -0.5 ms

# Below is generated by plot.py at 2020-02-18 20:13:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 515.33 Mbit/s
95th percentile per-packet one-way delay: 136.799 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 326.98 Mbit/s
95th percentile per-packet one-way delay: 138.619 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 261.22 Mbit/s
95th percentile per-packet one-way delay: 135.416 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 80.50 Mbit/s
95th percentile per-packet one-way delay: 134.172 ms
Loss rate: 0.00%
```

Run 3: Report of Indigo-MusesD — Data Link

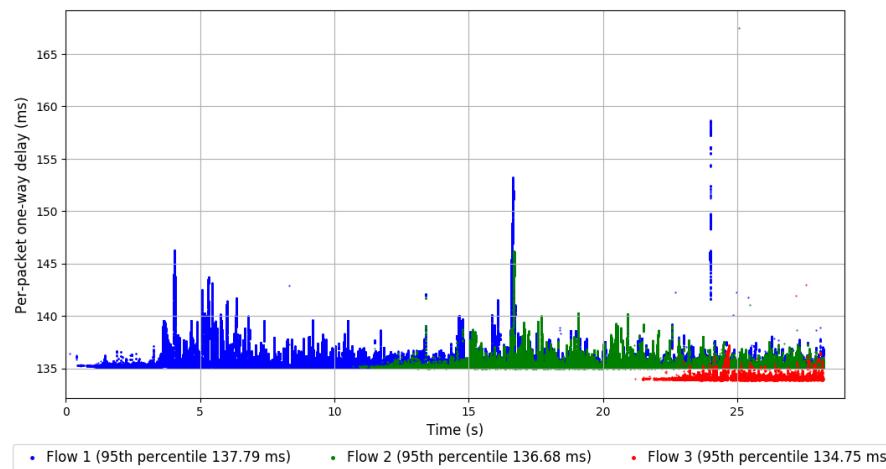
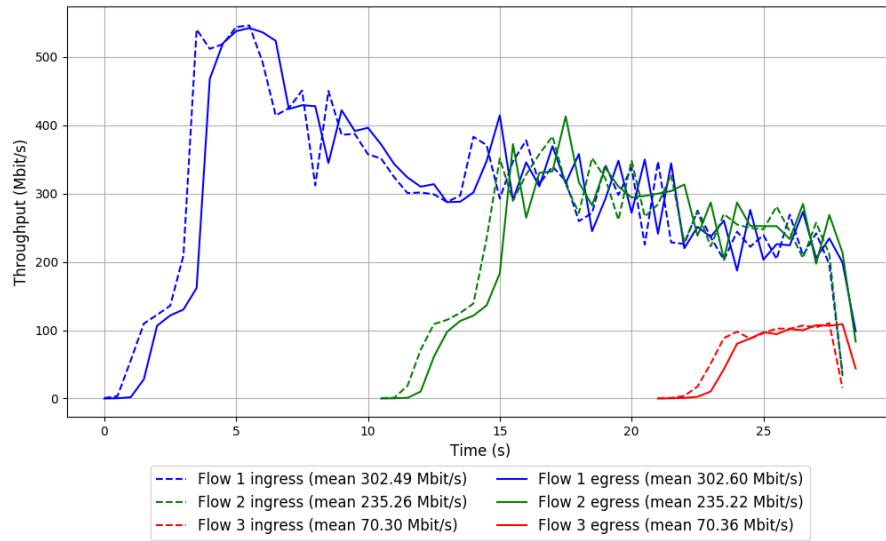


Run 4: Statistics of Indigo-MusesD

```
Start at: 2020-02-18 17:42:36
End at: 2020-02-18 17:43:06
Local clock offset: -0.05 ms
Remote clock offset: -0.127 ms

# Below is generated by plot.py at 2020-02-18 20:13:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 467.02 Mbit/s
95th percentile per-packet one-way delay: 137.384 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 302.60 Mbit/s
95th percentile per-packet one-way delay: 137.790 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 235.22 Mbit/s
95th percentile per-packet one-way delay: 136.680 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 70.36 Mbit/s
95th percentile per-packet one-way delay: 134.753 ms
Loss rate: 0.01%
```

Run 4: Report of Indigo-MusesD — Data Link

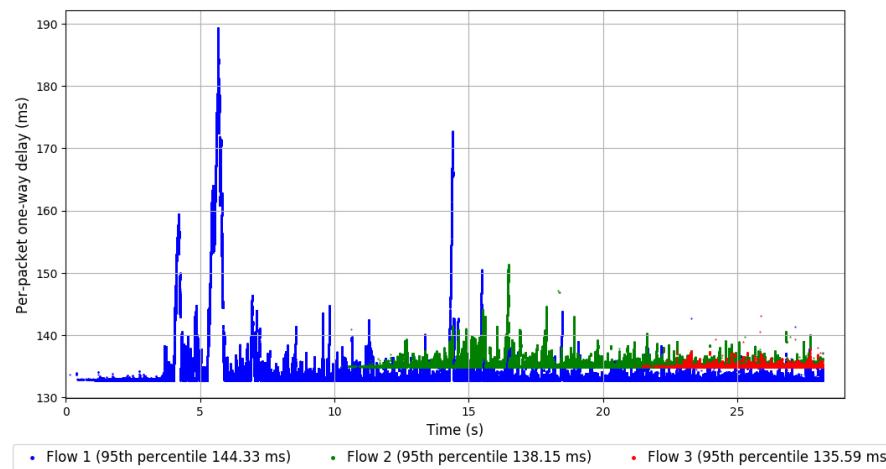
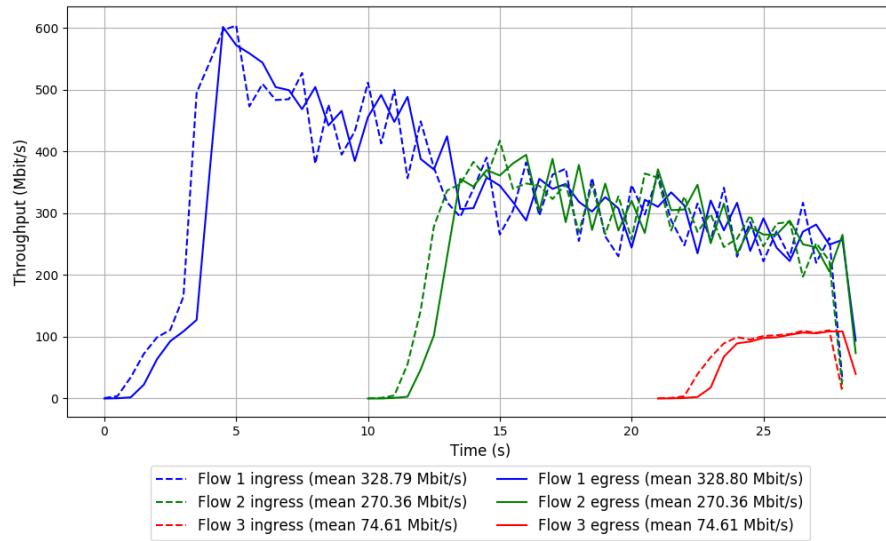


Run 5: Statistics of Indigo-MusesD

```
Start at: 2020-02-18 18:24:32
End at: 2020-02-18 18:25:02
Local clock offset: 0.039 ms
Remote clock offset: -0.115 ms

# Below is generated by plot.py at 2020-02-18 20:14:34
# Datalink statistics
-- Total of 3 flows:
Average throughput: 520.10 Mbit/s
95th percentile per-packet one-way delay: 140.197 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 328.80 Mbit/s
95th percentile per-packet one-way delay: 144.332 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 270.36 Mbit/s
95th percentile per-packet one-way delay: 138.154 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 74.61 Mbit/s
95th percentile per-packet one-way delay: 135.593 ms
Loss rate: 0.00%
```

Run 5: Report of Indigo-MusesD — Data Link

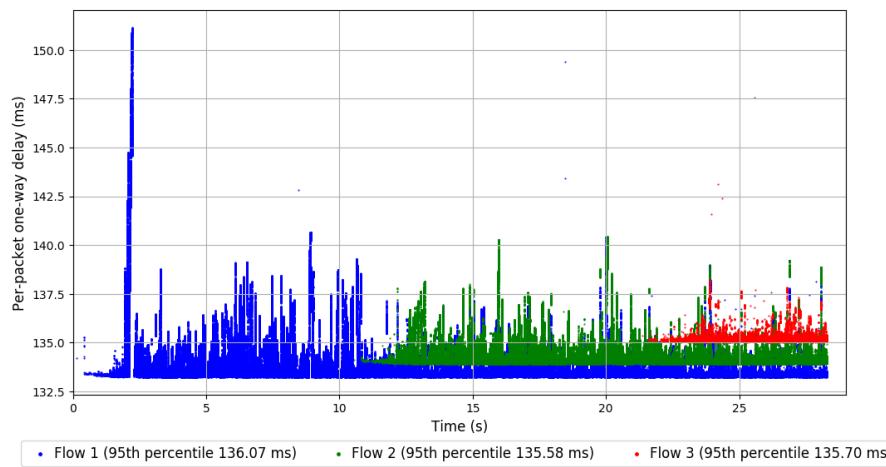
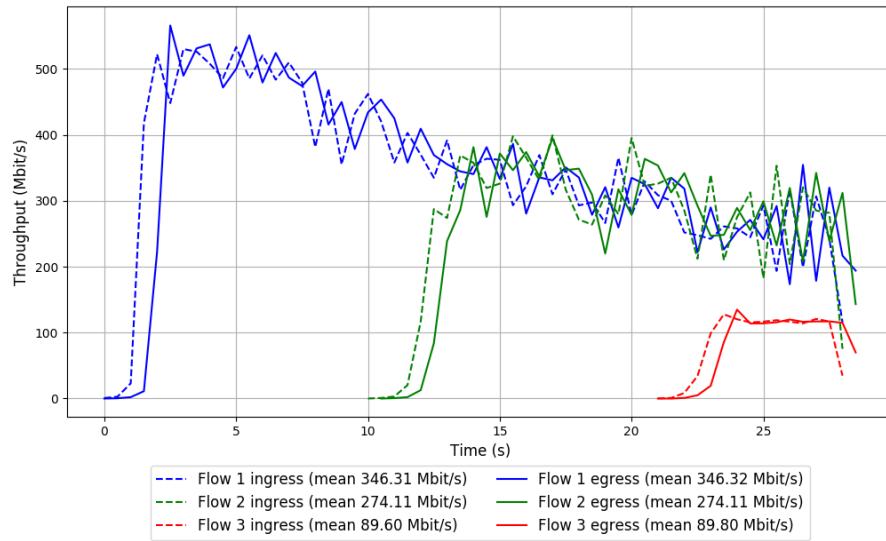


Run 1: Statistics of Indigo-MusesT

```
Start at: 2020-02-18 15:20:51
End at: 2020-02-18 15:21:21
Local clock offset: -0.056 ms
Remote clock offset: -0.134 ms

# Below is generated by plot.py at 2020-02-18 20:17:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 541.07 Mbit/s
95th percentile per-packet one-way delay: 135.861 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 346.32 Mbit/s
95th percentile per-packet one-way delay: 136.074 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 274.11 Mbit/s
95th percentile per-packet one-way delay: 135.583 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 89.80 Mbit/s
95th percentile per-packet one-way delay: 135.702 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo-MusesT — Data Link

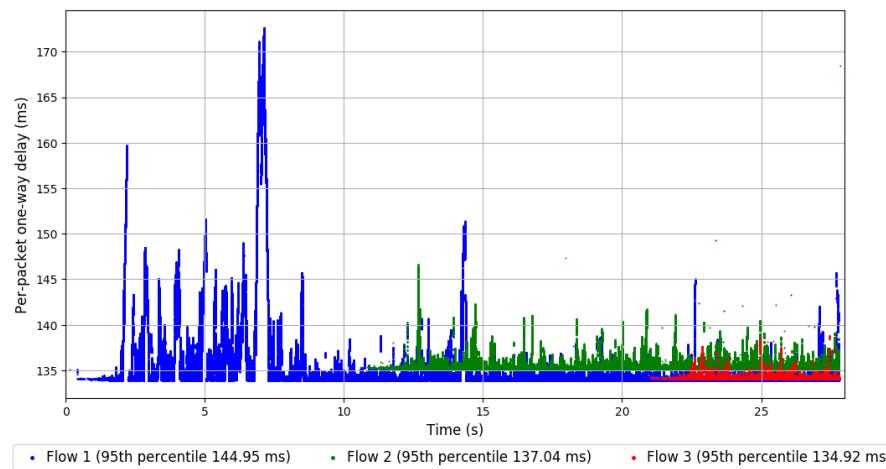
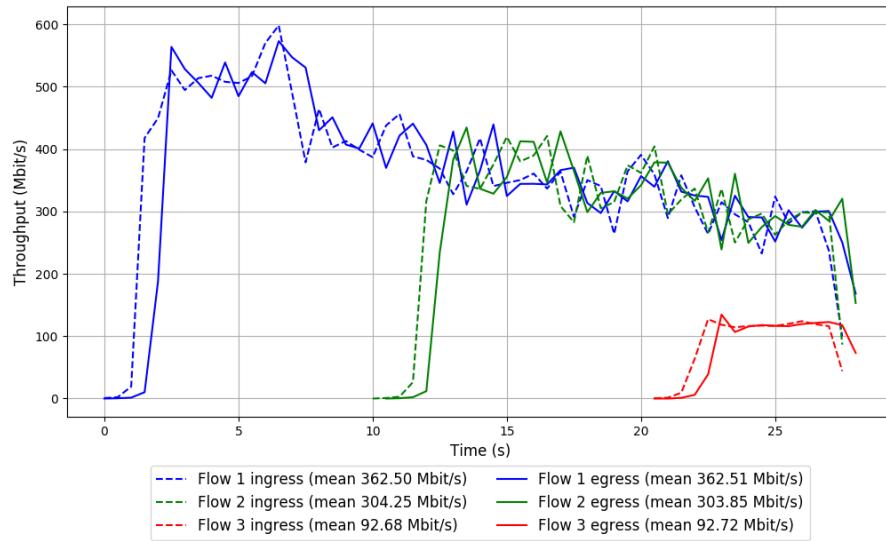


Run 2: Statistics of Indigo-MusesT

```
Start at: 2020-02-18 16:03:15
End at: 2020-02-18 16:03:45
Local clock offset: -0.103 ms
Remote clock offset: -0.017 ms

# Below is generated by plot.py at 2020-02-18 20:22:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 574.70 Mbit/s
95th percentile per-packet one-way delay: 142.570 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 362.51 Mbit/s
95th percentile per-packet one-way delay: 144.950 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 303.85 Mbit/s
95th percentile per-packet one-way delay: 137.036 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 92.72 Mbit/s
95th percentile per-packet one-way delay: 134.918 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo-MusesT — Data Link

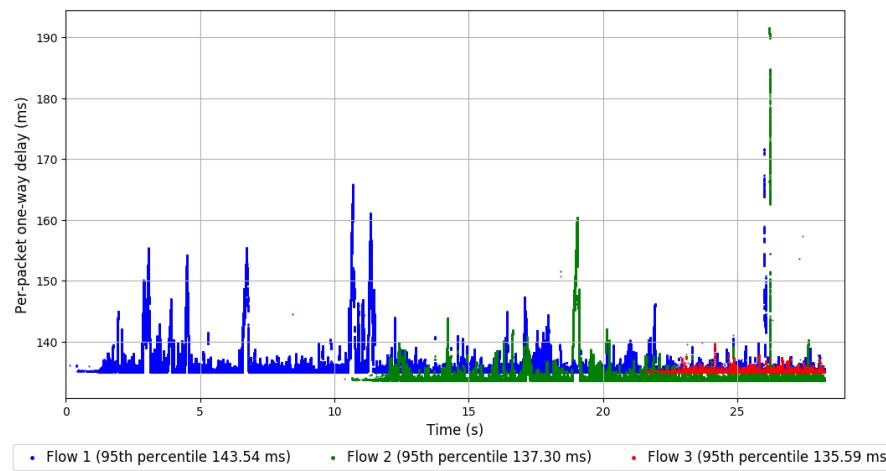
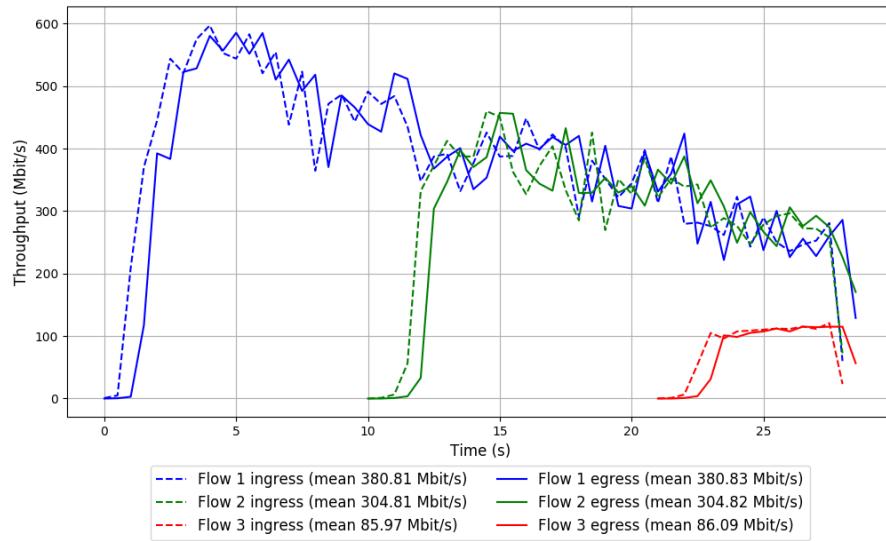


Run 3: Statistics of Indigo-MusesT

```
Start at: 2020-02-18 16:45:22
End at: 2020-02-18 16:45:52
Local clock offset: -0.038 ms
Remote clock offset: -0.105 ms

# Below is generated by plot.py at 2020-02-18 20:24:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 595.64 Mbit/s
95th percentile per-packet one-way delay: 141.175 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 380.83 Mbit/s
95th percentile per-packet one-way delay: 143.538 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 304.82 Mbit/s
95th percentile per-packet one-way delay: 137.304 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 86.09 Mbit/s
95th percentile per-packet one-way delay: 135.585 ms
Loss rate: 0.00%
```

Run 3: Report of Indigo-MusesT — Data Link

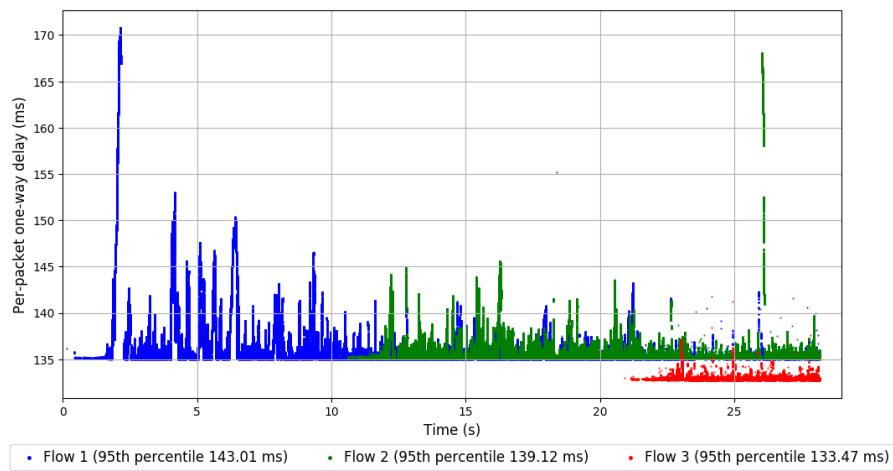
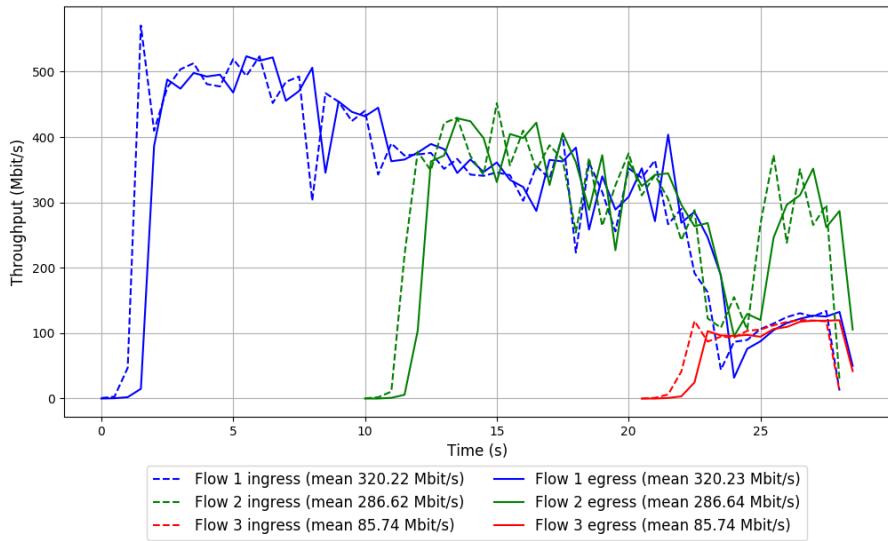


Run 4: Statistics of Indigo-MusesT

```
Start at: 2020-02-18 17:27:17
End at: 2020-02-18 17:27:47
Local clock offset: -0.131 ms
Remote clock offset: -0.17 ms

# Below is generated by plot.py at 2020-02-18 20:24:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 524.84 Mbit/s
95th percentile per-packet one-way delay: 141.385 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 320.23 Mbit/s
95th percentile per-packet one-way delay: 143.012 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 286.64 Mbit/s
95th percentile per-packet one-way delay: 139.119 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 85.74 Mbit/s
95th percentile per-packet one-way delay: 133.473 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo-MusesT — Data Link

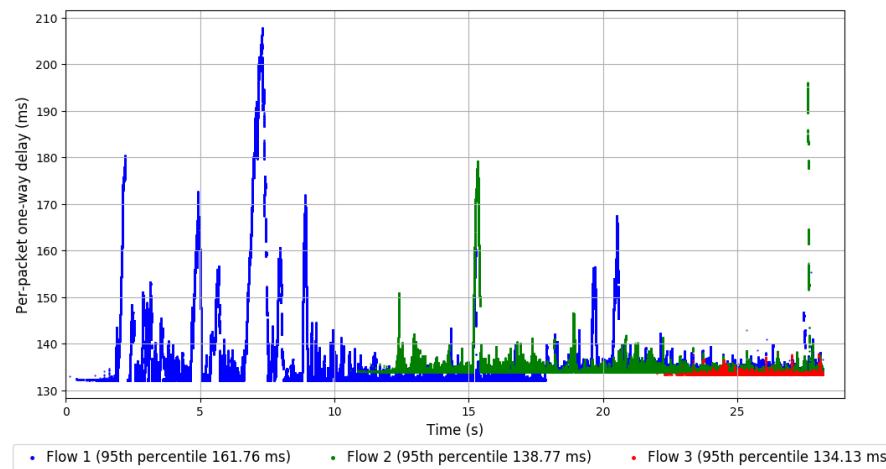
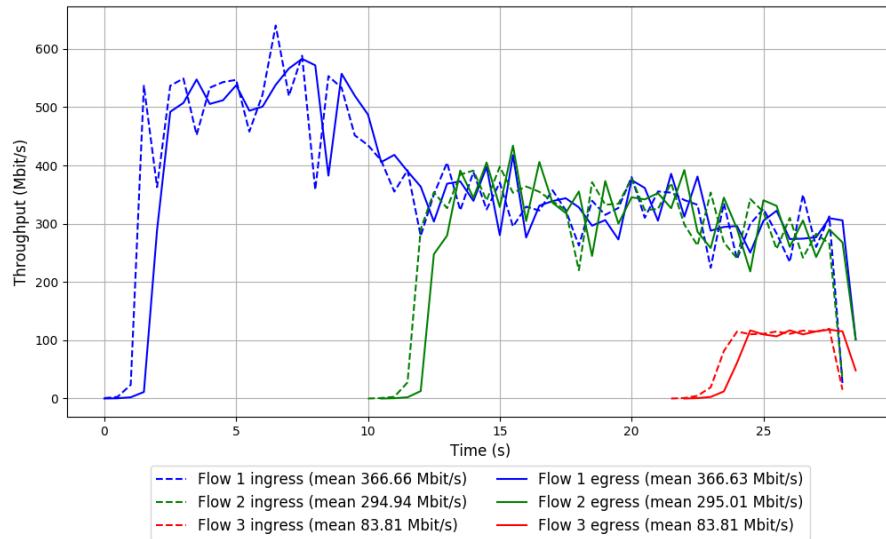


Run 5: Statistics of Indigo-MusesT

```
Start at: 2020-02-18 18:09:13
End at: 2020-02-18 18:09:43
Local clock offset: -0.131 ms
Remote clock offset: -0.06 ms

# Below is generated by plot.py at 2020-02-18 20:25:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 570.03 Mbit/s
95th percentile per-packet one-way delay: 156.489 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 366.63 Mbit/s
95th percentile per-packet one-way delay: 161.759 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 295.01 Mbit/s
95th percentile per-packet one-way delay: 138.773 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 83.81 Mbit/s
95th percentile per-packet one-way delay: 134.135 ms
Loss rate: 0.00%
```

Run 5: Report of Indigo-MusesT — Data Link

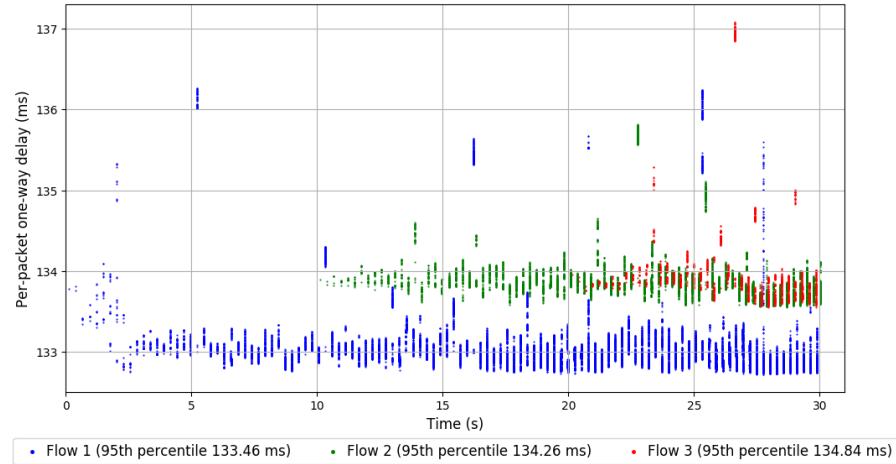
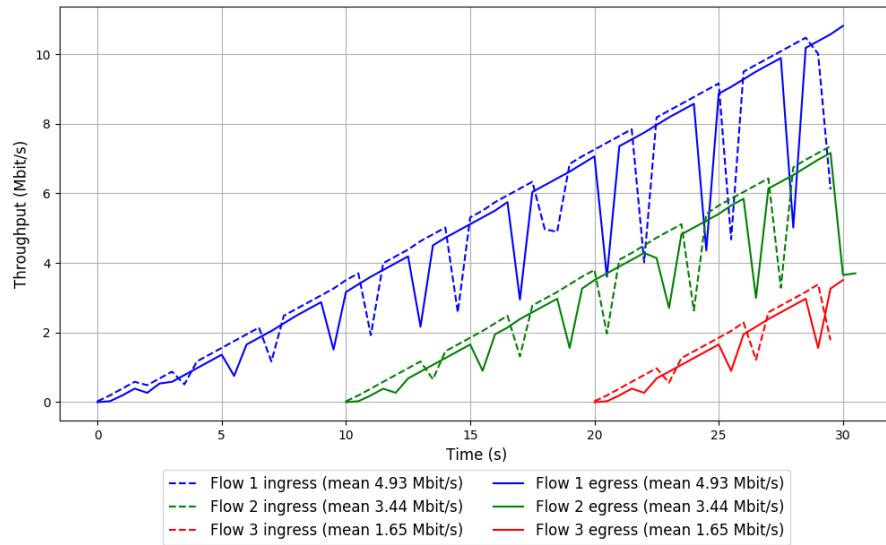


Run 1: Statistics of LEDBAT

```
Start at: 2020-02-18 15:09:07
End at: 2020-02-18 15:09:37
Local clock offset: -0.017 ms
Remote clock offset: -0.542 ms

# Below is generated by plot.py at 2020-02-18 20:25:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.73 Mbit/s
95th percentile per-packet one-way delay: 134.099 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.93 Mbit/s
95th percentile per-packet one-way delay: 133.463 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.44 Mbit/s
95th percentile per-packet one-way delay: 134.257 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.65 Mbit/s
95th percentile per-packet one-way delay: 134.839 ms
Loss rate: 0.00%
```

Run 1: Report of LEDBAT — Data Link

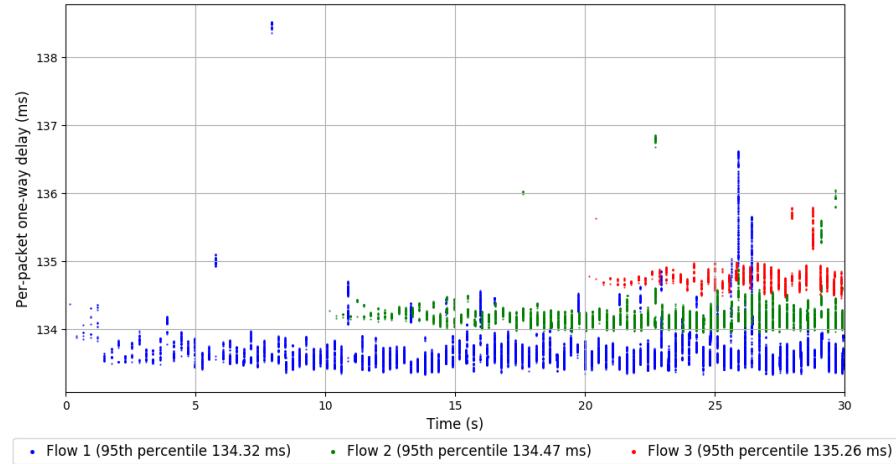
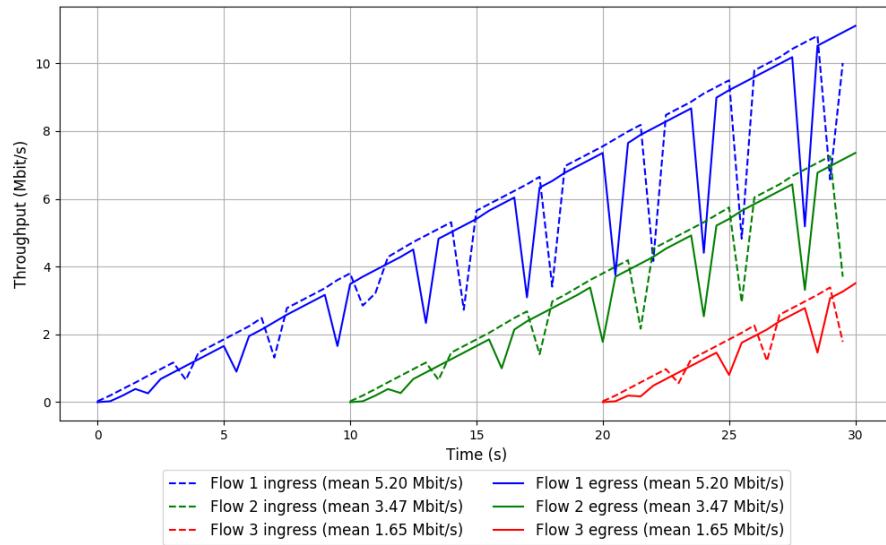


Run 2: Statistics of LEDBAT

```
Start at: 2020-02-18 15:51:18
End at: 2020-02-18 15:51:48
Local clock offset: -0.11 ms
Remote clock offset: -0.047 ms

# Below is generated by plot.py at 2020-02-18 20:25:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.04 Mbit/s
95th percentile per-packet one-way delay: 134.736 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.20 Mbit/s
95th percentile per-packet one-way delay: 134.323 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.47 Mbit/s
95th percentile per-packet one-way delay: 134.466 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.65 Mbit/s
95th percentile per-packet one-way delay: 135.262 ms
Loss rate: 0.00%
```

Run 2: Report of LEDBAT — Data Link

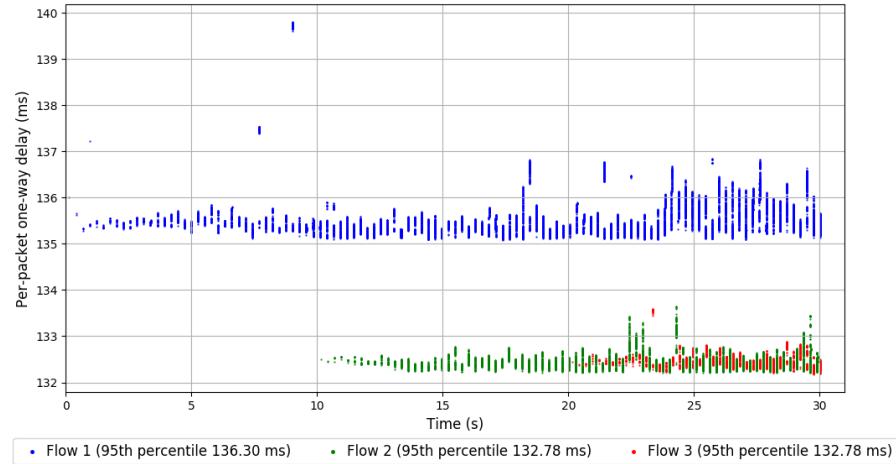
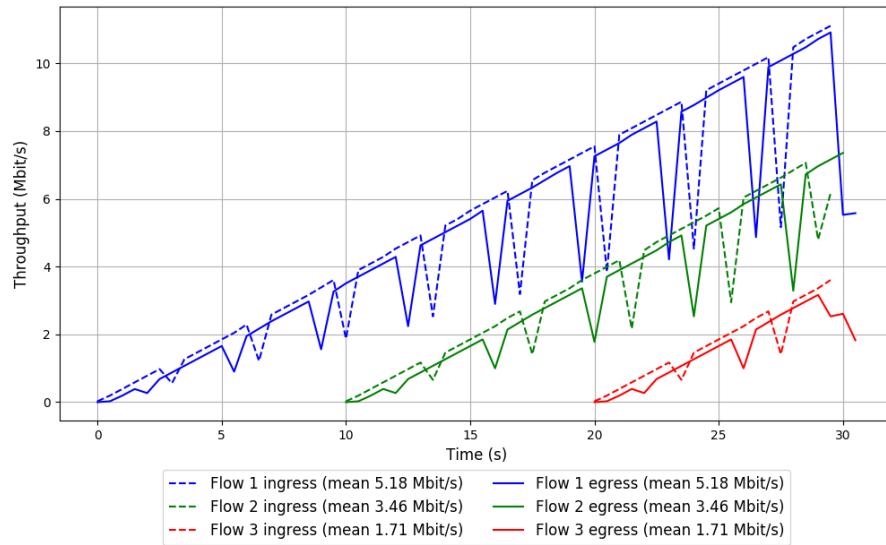


Run 3: Statistics of LEDBAT

```
Start at: 2020-02-18 16:33:24
End at: 2020-02-18 16:33:54
Local clock offset: -0.054 ms
Remote clock offset: -0.076 ms

# Below is generated by plot.py at 2020-02-18 20:25:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 8.03 Mbit/s
95th percentile per-packet one-way delay: 136.130 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.18 Mbit/s
95th percentile per-packet one-way delay: 136.302 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.46 Mbit/s
95th percentile per-packet one-way delay: 132.778 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.71 Mbit/s
95th percentile per-packet one-way delay: 132.782 ms
Loss rate: 0.00%
```

Run 3: Report of LEDBAT — Data Link

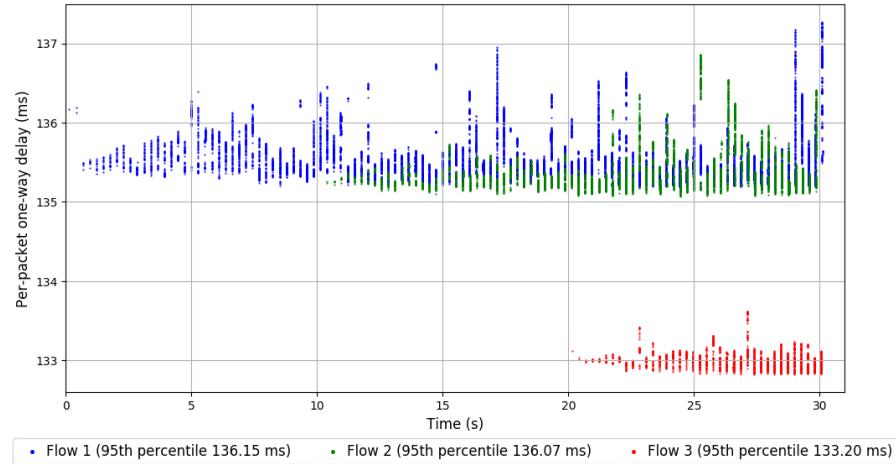
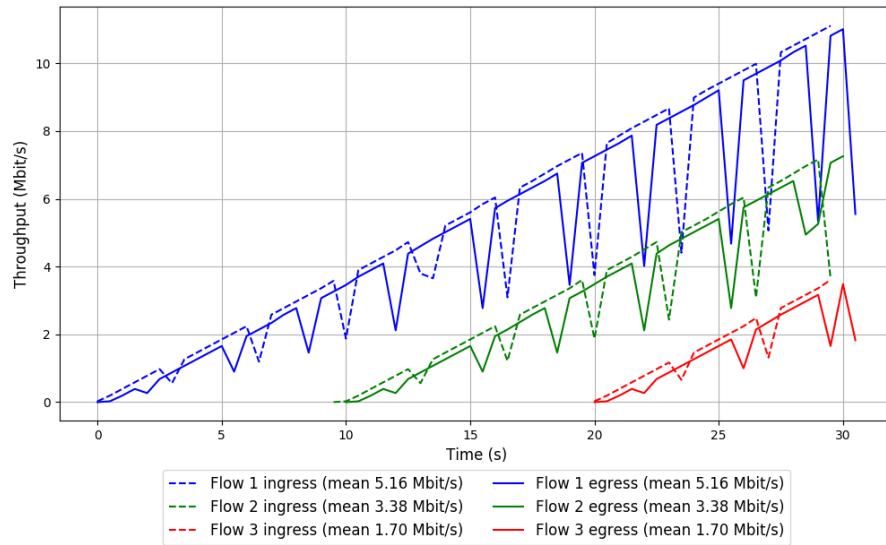


Run 4: Statistics of LEDBAT

```
Start at: 2020-02-18 17:15:38
End at: 2020-02-18 17:16:08
Local clock offset: -0.165 ms
Remote clock offset: -0.164 ms

# Below is generated by plot.py at 2020-02-18 20:25:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.95 Mbit/s
95th percentile per-packet one-way delay: 136.098 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 5.16 Mbit/s
95th percentile per-packet one-way delay: 136.146 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 3.38 Mbit/s
95th percentile per-packet one-way delay: 136.072 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.70 Mbit/s
95th percentile per-packet one-way delay: 133.197 ms
Loss rate: 0.00%
```

Run 4: Report of LEDBAT — Data Link

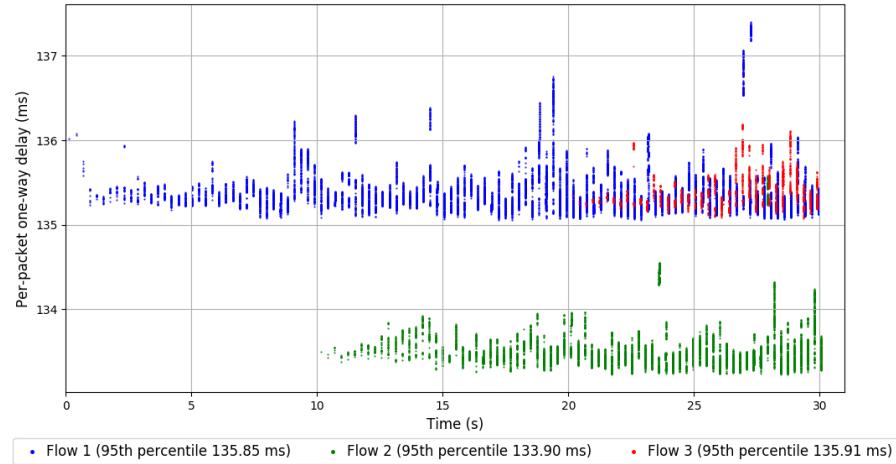
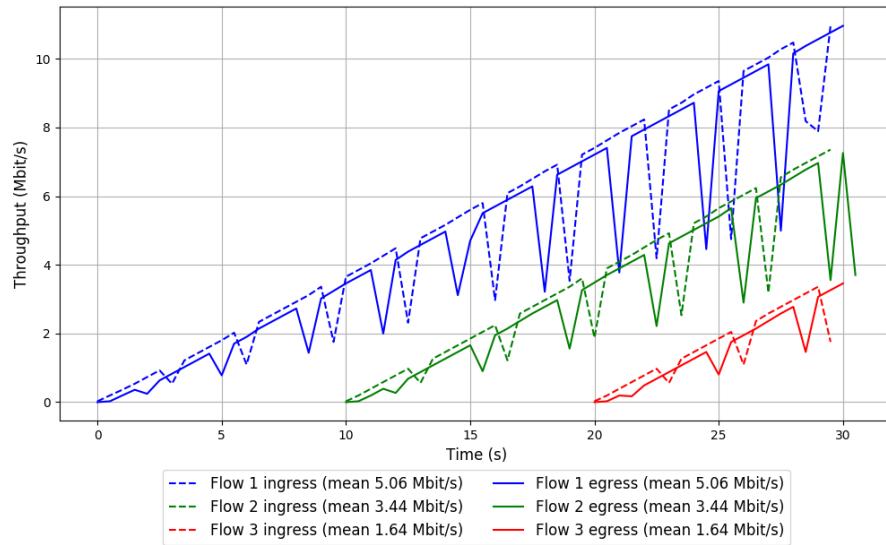


Run 5: Statistics of LEDBAT

```
Start at: 2020-02-18 17:57:31
End at: 2020-02-18 17:58:01
Local clock offset: -0.069 ms
Remote clock offset: -0.129 ms

# Below is generated by plot.py at 2020-02-18 20:25:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 7.86 Mbit/s
95th percentile per-packet one-way delay: 135.717 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.06 Mbit/s
95th percentile per-packet one-way delay: 135.849 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 3.44 Mbit/s
95th percentile per-packet one-way delay: 133.895 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.64 Mbit/s
95th percentile per-packet one-way delay: 135.915 ms
Loss rate: 0.00%
```

Run 5: Report of LEDBAT — Data Link

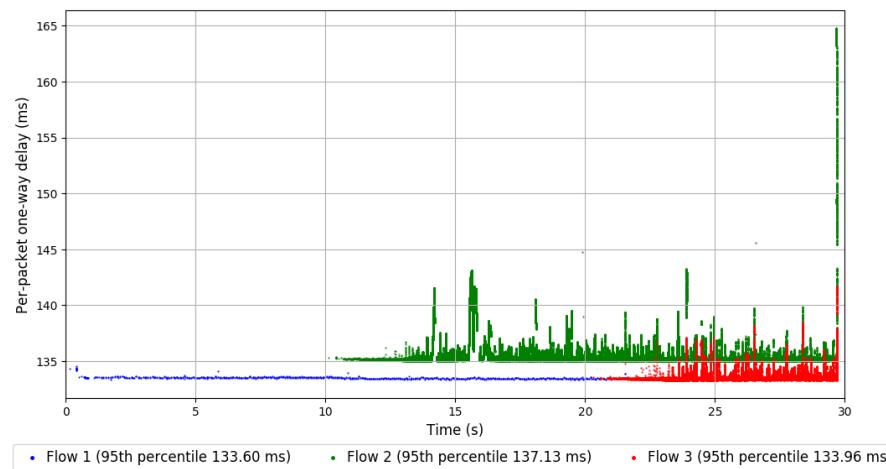
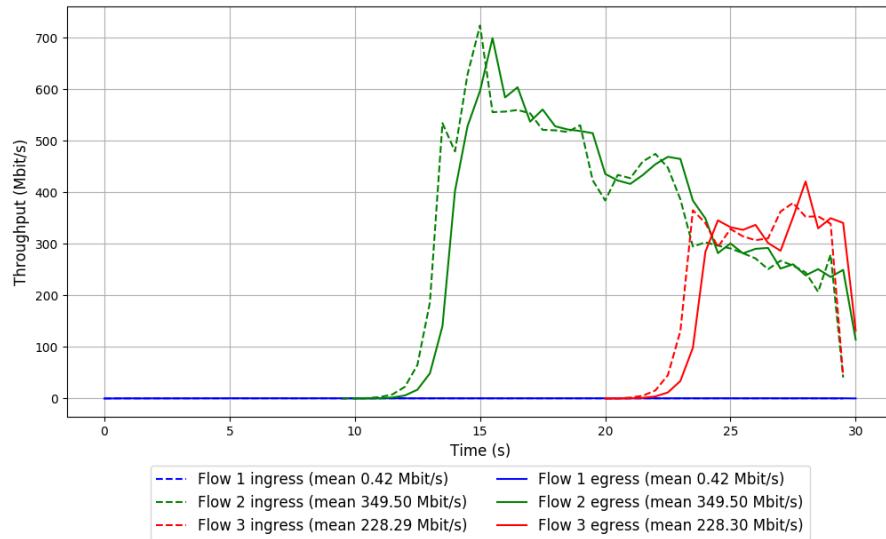


```
Run 1: Statistics of Muses\_DecisionTree

Start at: 2020-02-18 15:27:21
End at: 2020-02-18 15:27:51
Local clock offset: -0.078 ms
Remote clock offset: -0.109 ms

# Below is generated by plot.py at 2020-02-18 20:25:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 304.35 Mbit/s
95th percentile per-packet one-way delay: 136.568 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 133.599 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 349.50 Mbit/s
95th percentile per-packet one-way delay: 137.131 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 228.30 Mbit/s
95th percentile per-packet one-way delay: 133.960 ms
Loss rate: 0.00%
```

Run 1: Report of Muses_DecisionTree — Data Link

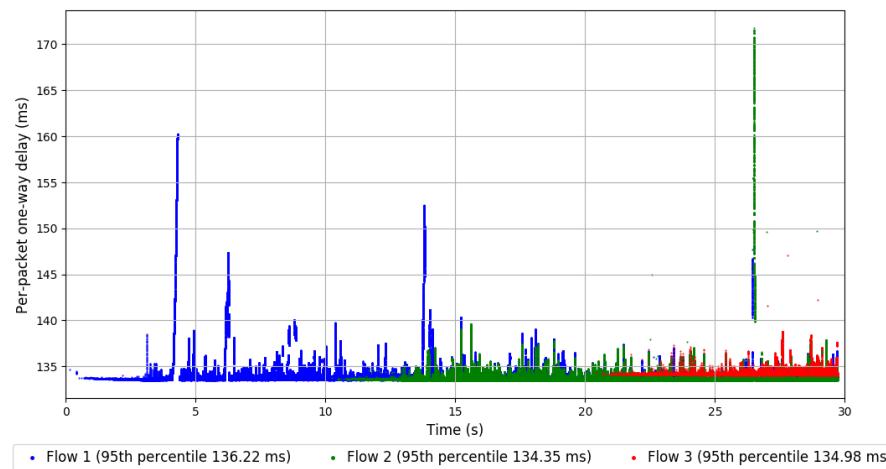
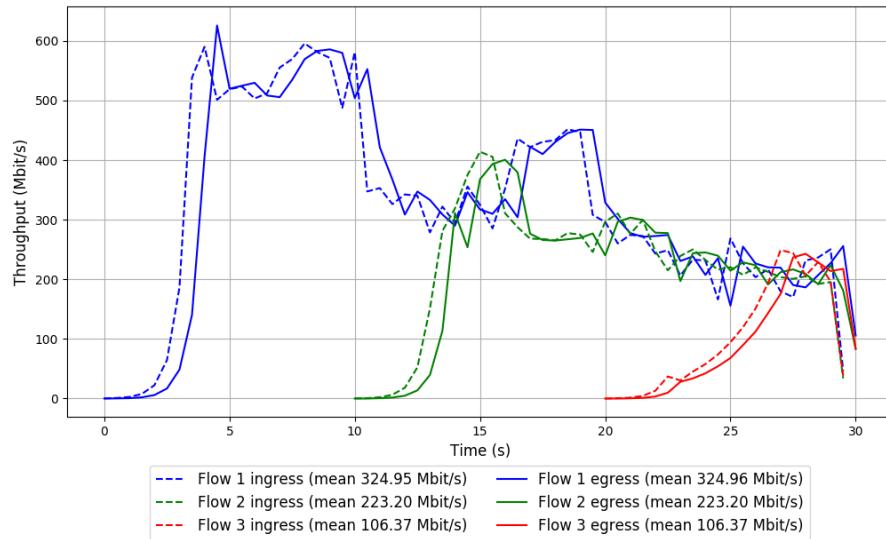


```
Run 2: Statistics of Muses\_DecisionTree

Start at: 2020-02-18 16:09:48
End at: 2020-02-18 16:10:18
Local clock offset: 0.273 ms
Remote clock offset: 0.0 ms

# Below is generated by plot.py at 2020-02-18 20:27:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 505.48 Mbit/s
95th percentile per-packet one-way delay: 135.498 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 324.96 Mbit/s
95th percentile per-packet one-way delay: 136.218 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 223.20 Mbit/s
95th percentile per-packet one-way delay: 134.354 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 106.37 Mbit/s
95th percentile per-packet one-way delay: 134.981 ms
Loss rate: 0.00%
```

Run 2: Report of Muses_DecisionTree — Data Link

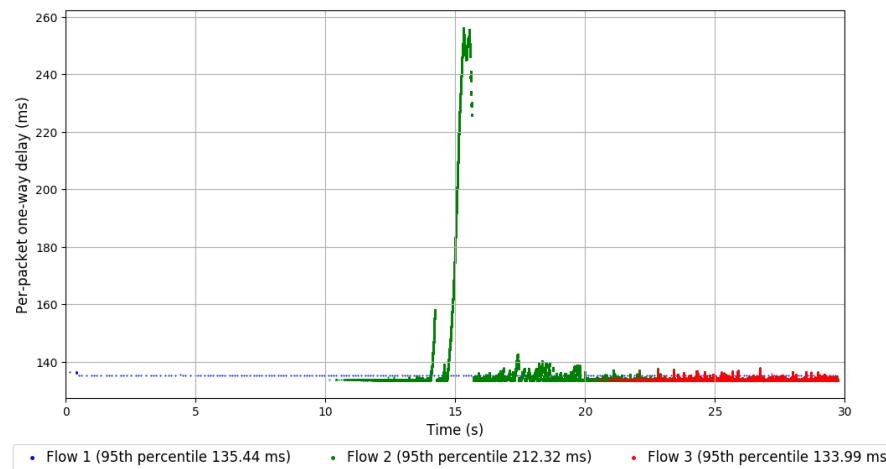
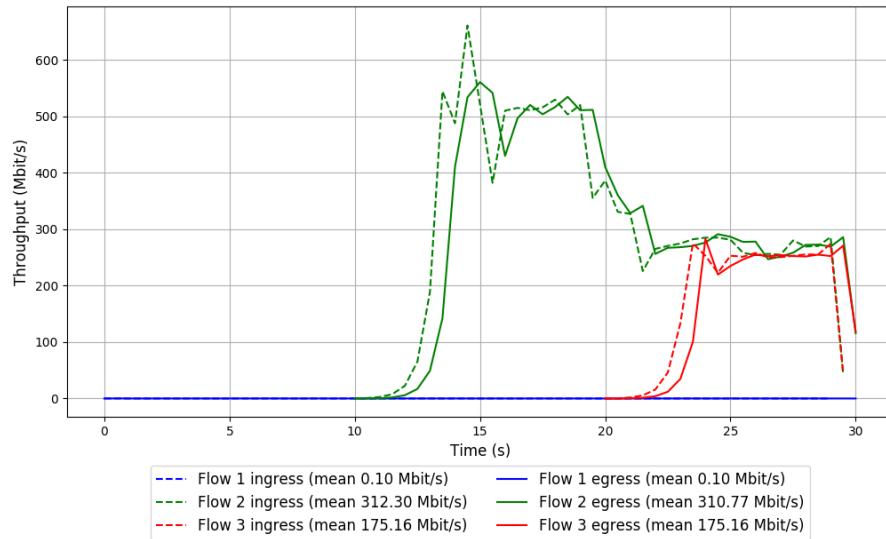


```
Run 3: Statistics of Muses\_DecisionTree

Start at: 2020-02-18 16:51:54
End at: 2020-02-18 16:52:24
Local clock offset: -0.029 ms
Remote clock offset: -0.082 ms

# Below is generated by plot.py at 2020-02-18 20:27:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 261.56 Mbit/s
95th percentile per-packet one-way delay: 170.857 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.10 Mbit/s
95th percentile per-packet one-way delay: 135.443 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 310.77 Mbit/s
95th percentile per-packet one-way delay: 212.322 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 175.16 Mbit/s
95th percentile per-packet one-way delay: 133.993 ms
Loss rate: 0.00%
```

Run 3: Report of Muses_DecisionTree — Data Link

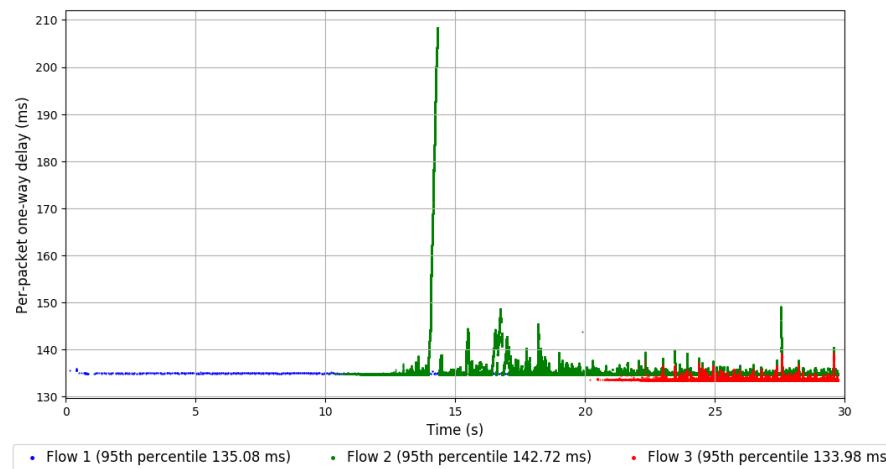
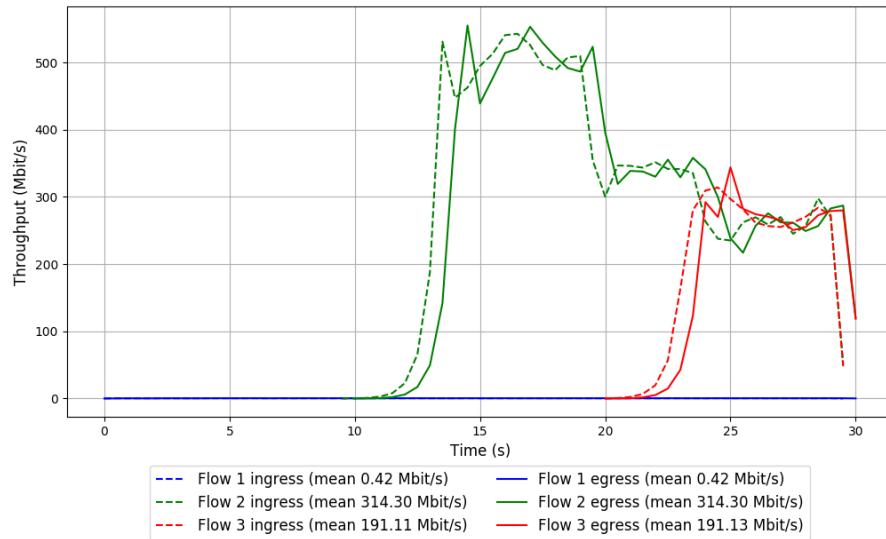


```
Run 4: Statistics of Muses\_DecisionTree

Start at: 2020-02-18 17:33:46
End at: 2020-02-18 17:34:16
Local clock offset: -0.116 ms
Remote clock offset: -0.506 ms

# Below is generated by plot.py at 2020-02-18 20:27:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 270.24 Mbit/s
95th percentile per-packet one-way delay: 140.987 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 135.076 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 314.30 Mbit/s
95th percentile per-packet one-way delay: 142.723 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 191.13 Mbit/s
95th percentile per-packet one-way delay: 133.977 ms
Loss rate: 0.00%
```

Run 4: Report of Muses_DecisionTree — Data Link

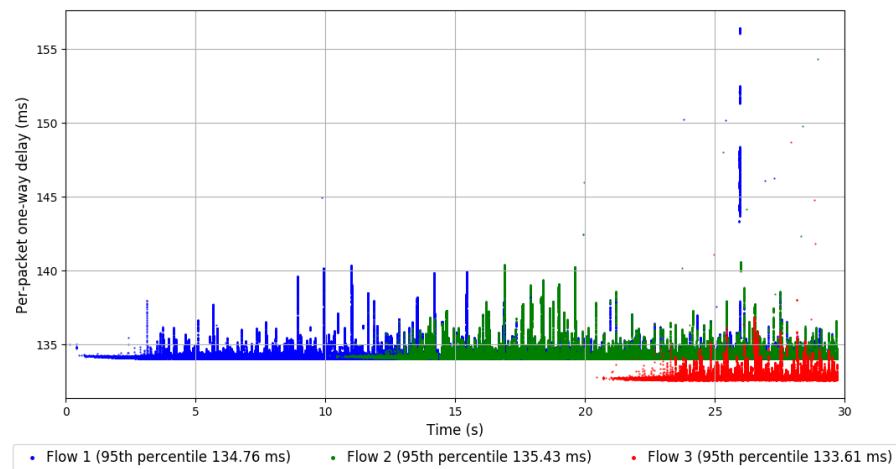
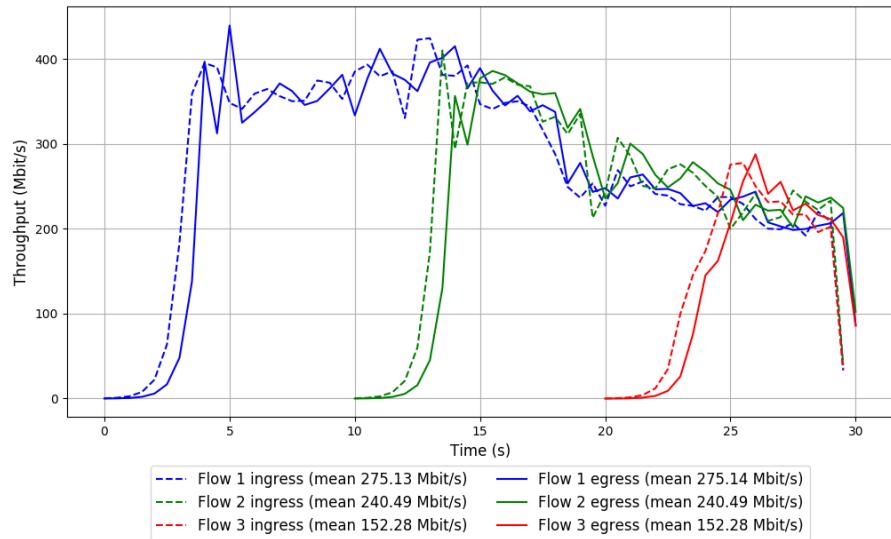


```
Run 5: Statistics of Muses\_DecisionTree

Start at: 2020-02-18 18:15:32
End at: 2020-02-18 18:16:02
Local clock offset: 0.232 ms
Remote clock offset: -0.082 ms

# Below is generated by plot.py at 2020-02-18 20:33:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 481.84 Mbit/s
95th percentile per-packet one-way delay: 134.922 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 275.14 Mbit/s
95th percentile per-packet one-way delay: 134.762 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 240.49 Mbit/s
95th percentile per-packet one-way delay: 135.433 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 152.28 Mbit/s
95th percentile per-packet one-way delay: 133.614 ms
Loss rate: 0.00%
```

Run 5: Report of Muses_DecisionTree — Data Link

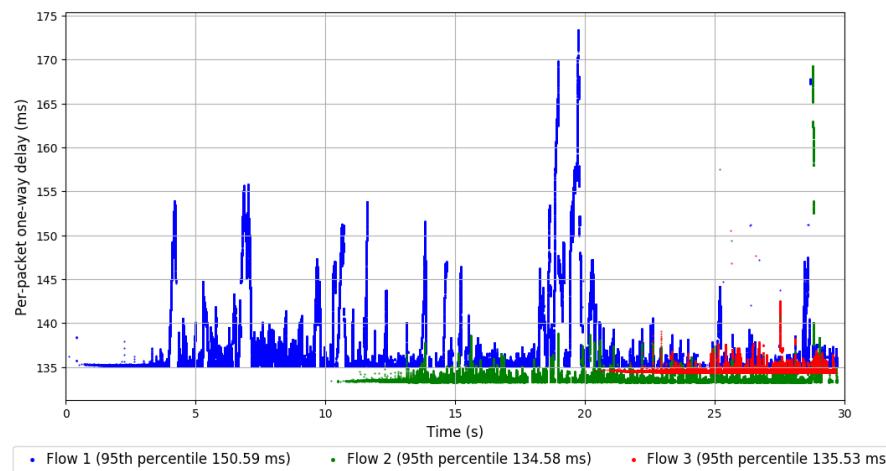
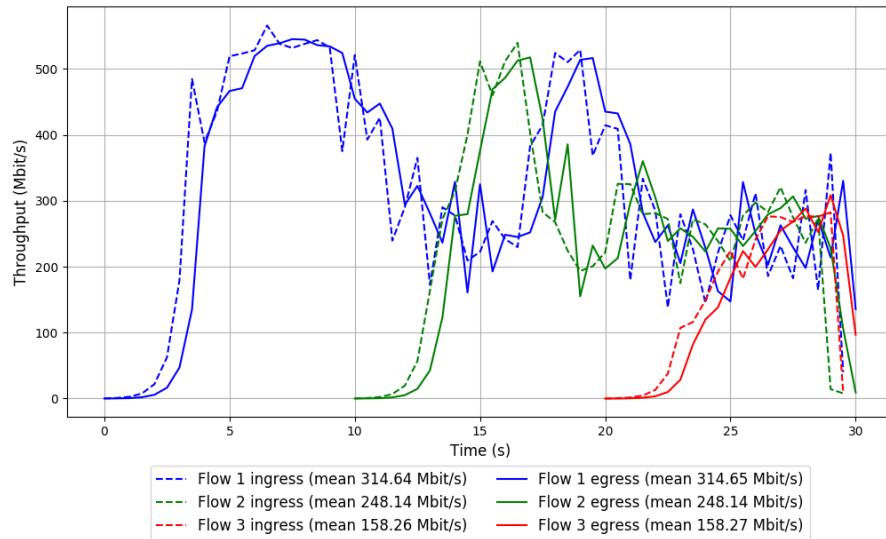


```
Run 1: Statistics of Muses\_DecisionTreeH0

Start at: 2020-02-18 15:24:02
End at: 2020-02-18 15:24:32
Local clock offset: -0.106 ms
Remote clock offset: -0.124 ms

# Below is generated by plot.py at 2020-02-18 20:35:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 527.88 Mbit/s
95th percentile per-packet one-way delay: 146.603 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 314.65 Mbit/s
95th percentile per-packet one-way delay: 150.593 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 248.14 Mbit/s
95th percentile per-packet one-way delay: 134.584 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 158.27 Mbit/s
95th percentile per-packet one-way delay: 135.529 ms
Loss rate: 0.00%
```

Run 1: Report of Muses_DecisionTreeH0 — Data Link

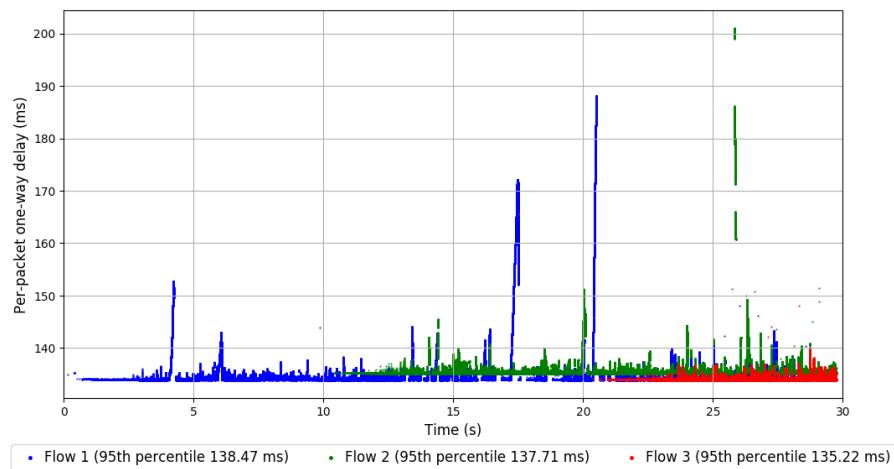
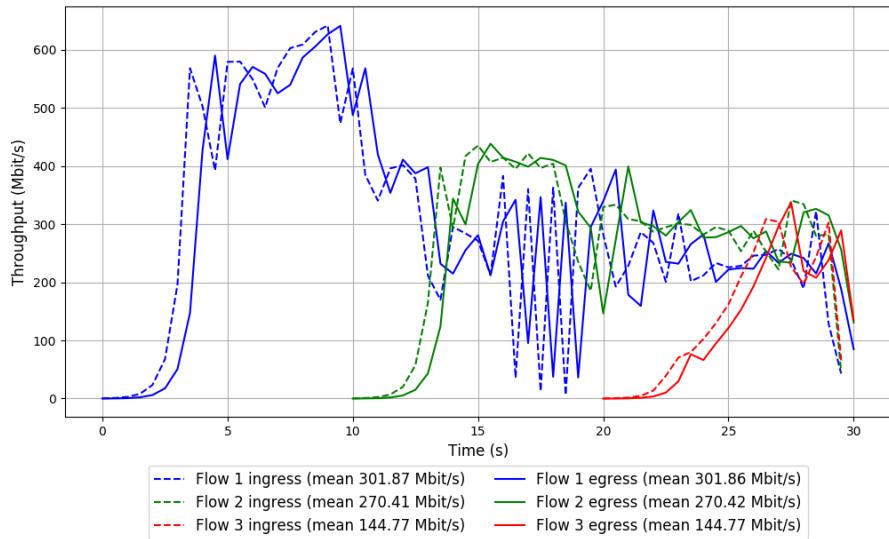


```
Run 2: Statistics of Muses\_DecisionTreeH0

Start at: 2020-02-18 16:06:29
End at: 2020-02-18 16:06:59
Local clock offset: -0.057 ms
Remote clock offset: 0.007 ms

# Below is generated by plot.py at 2020-02-18 20:35:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 526.38 Mbit/s
95th percentile per-packet one-way delay: 137.633 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 301.86 Mbit/s
95th percentile per-packet one-way delay: 138.470 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 270.42 Mbit/s
95th percentile per-packet one-way delay: 137.706 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 144.77 Mbit/s
95th percentile per-packet one-way delay: 135.223 ms
Loss rate: 0.00%
```

Run 2: Report of Muses_DecisionTreeH0 — Data Link

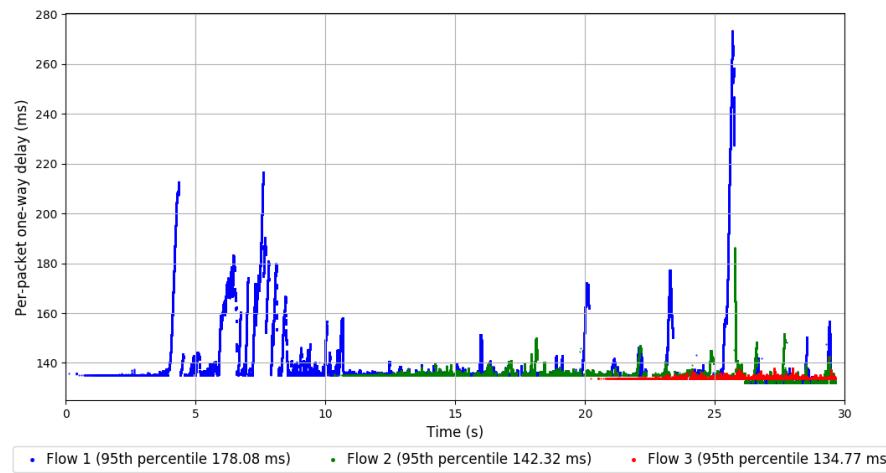
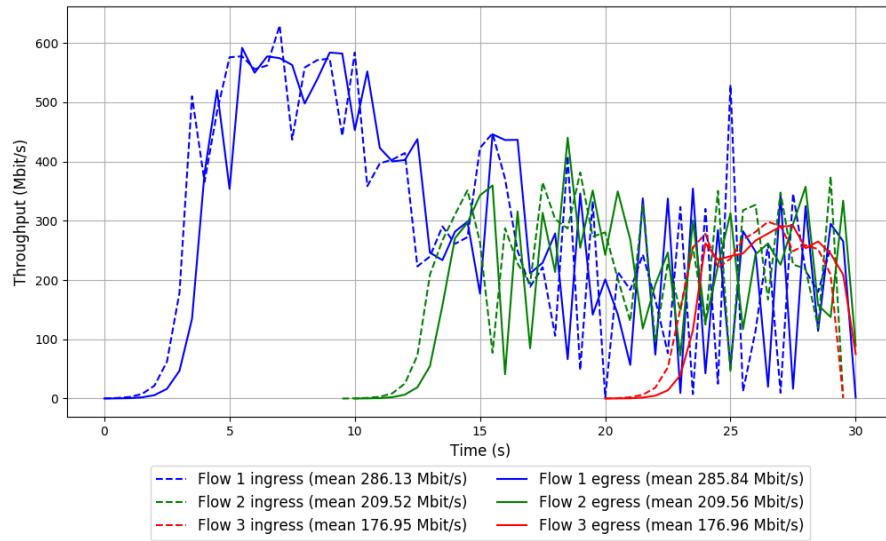


```
Run 3: Statistics of Muses\_DecisionTreeH0

Start at: 2020-02-18 16:48:36
End at: 2020-02-18 16:49:06
Local clock offset: -0.026 ms
Remote clock offset: -0.063 ms

# Below is generated by plot.py at 2020-02-18 20:36:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 480.43 Mbit/s
95th percentile per-packet one-way delay: 170.808 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 285.84 Mbit/s
95th percentile per-packet one-way delay: 178.080 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 209.56 Mbit/s
95th percentile per-packet one-way delay: 142.321 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 176.96 Mbit/s
95th percentile per-packet one-way delay: 134.767 ms
Loss rate: 0.00%
```

Run 3: Report of Muses_DecisionTreeH0 — Data Link

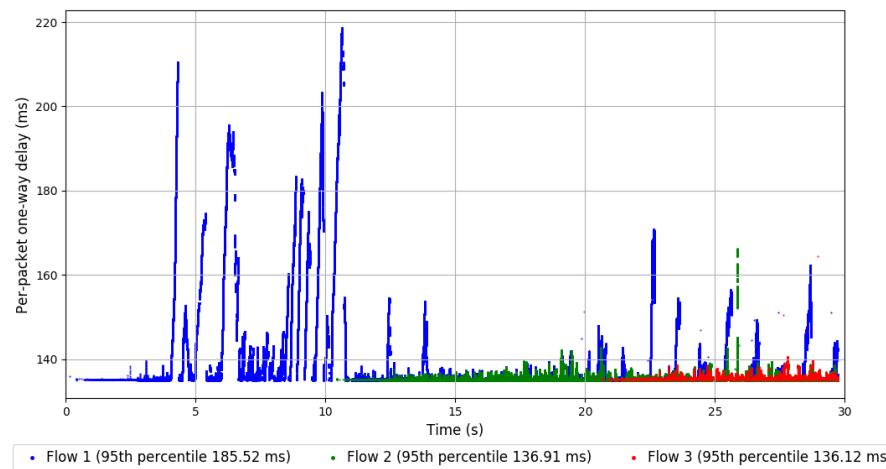
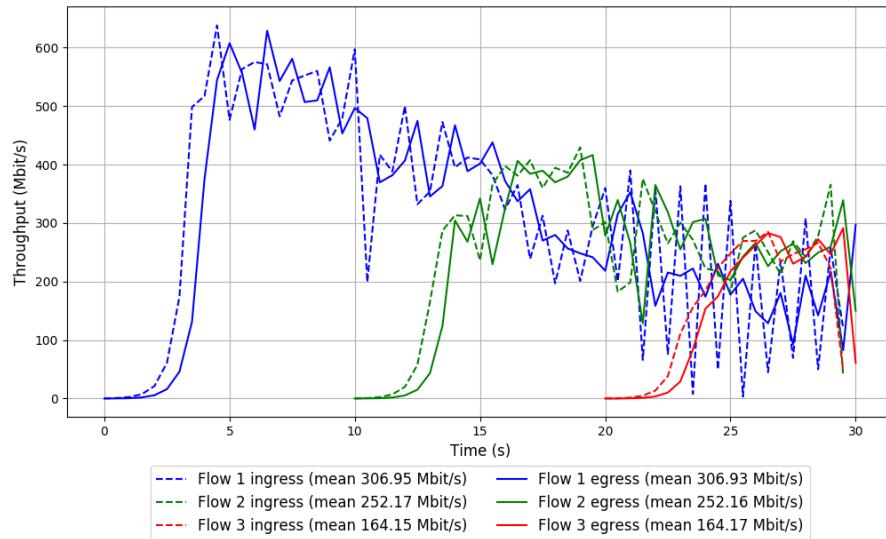


```
Run 4: Statistics of Muses\_DecisionTreeH0

Start at: 2020-02-18 17:30:27
End at: 2020-02-18 17:30:57
Local clock offset: -0.095 ms
Remote clock offset: -0.162 ms

# Below is generated by plot.py at 2020-02-18 20:38:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 525.57 Mbit/s
95th percentile per-packet one-way delay: 170.525 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 306.93 Mbit/s
95th percentile per-packet one-way delay: 185.521 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 252.16 Mbit/s
95th percentile per-packet one-way delay: 136.909 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 164.17 Mbit/s
95th percentile per-packet one-way delay: 136.115 ms
Loss rate: 0.00%
```

Run 4: Report of Muses_DecisionTreeH0 — Data Link

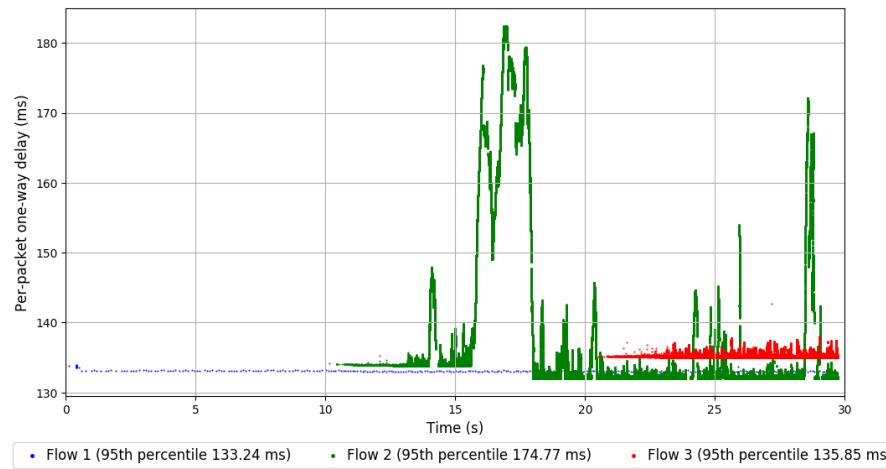
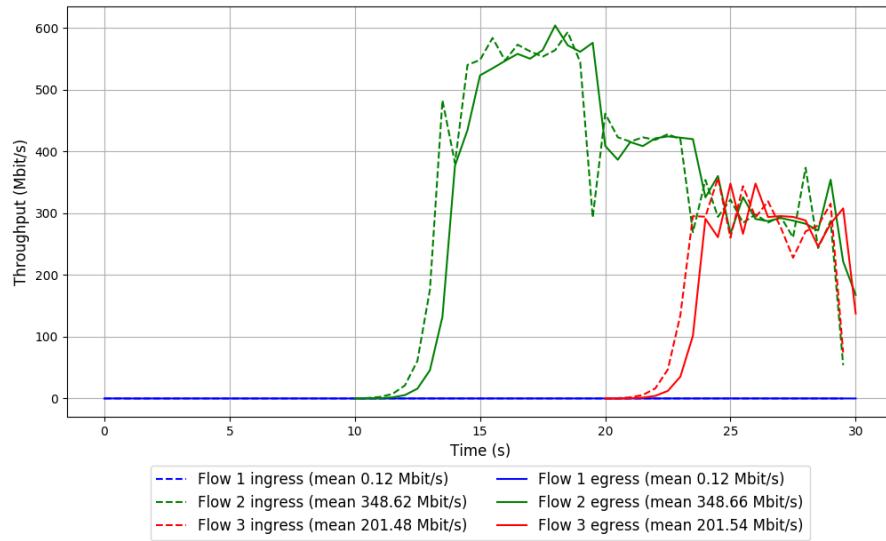


```
Run 5: Statistics of Muses\_DecisionTreeH0

Start at: 2020-02-18 18:12:27
End at: 2020-02-18 18:12:57
Local clock offset: -0.093 ms
Remote clock offset: -0.087 ms

# Below is generated by plot.py at 2020-02-18 20:38:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 295.04 Mbit/s
95th percentile per-packet one-way delay: 171.498 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 133.236 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 348.66 Mbit/s
95th percentile per-packet one-way delay: 174.766 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 201.54 Mbit/s
95th percentile per-packet one-way delay: 135.848 ms
Loss rate: 0.00%
```

Run 5: Report of Muses_DecisionTreeH0 — Data Link

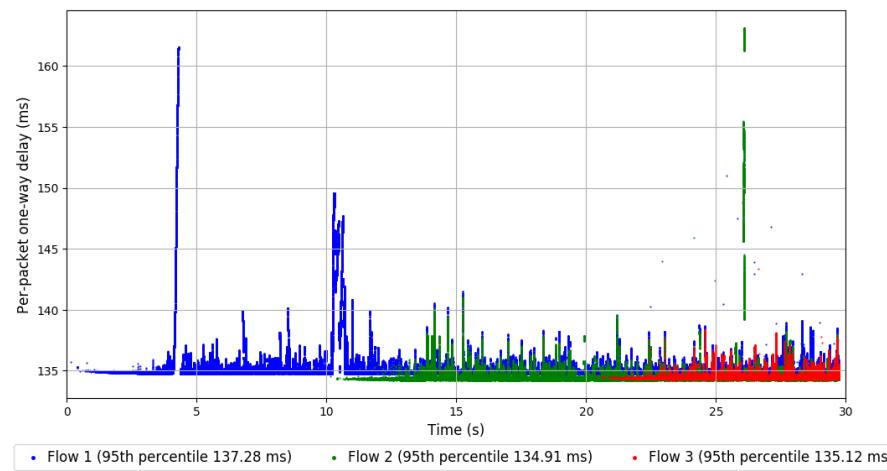
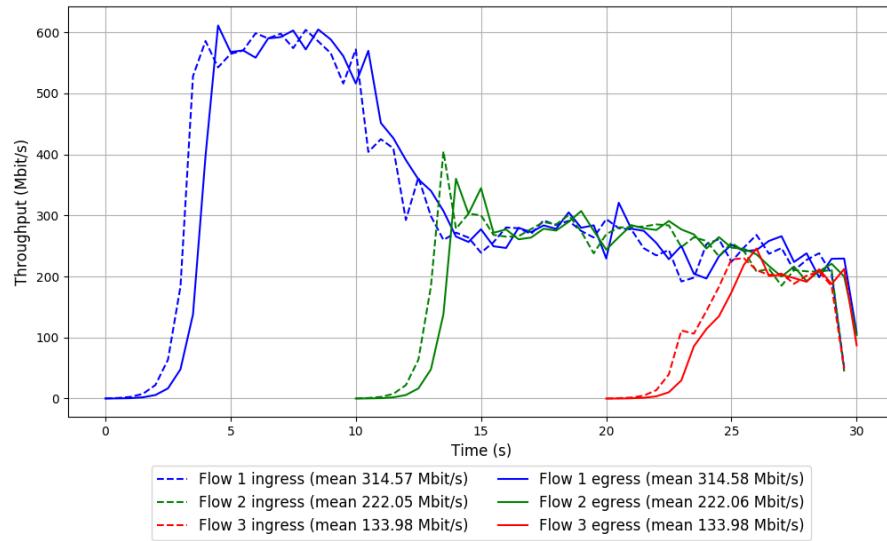


```
Run 1: Statistics of Muses\_DecisionTreeR0

Start at: 2020-02-18 15:41:34
End at: 2020-02-18 15:42:04
Local clock offset: -0.086 ms
Remote clock offset: 0.231 ms

# Below is generated by plot.py at 2020-02-18 20:38:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 503.89 Mbit/s
95th percentile per-packet one-way delay: 136.075 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 314.58 Mbit/s
95th percentile per-packet one-way delay: 137.280 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 222.06 Mbit/s
95th percentile per-packet one-way delay: 134.905 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 133.98 Mbit/s
95th percentile per-packet one-way delay: 135.124 ms
Loss rate: 0.00%
```

Run 1: Report of Muses_DecisionTreeR0 — Data Link

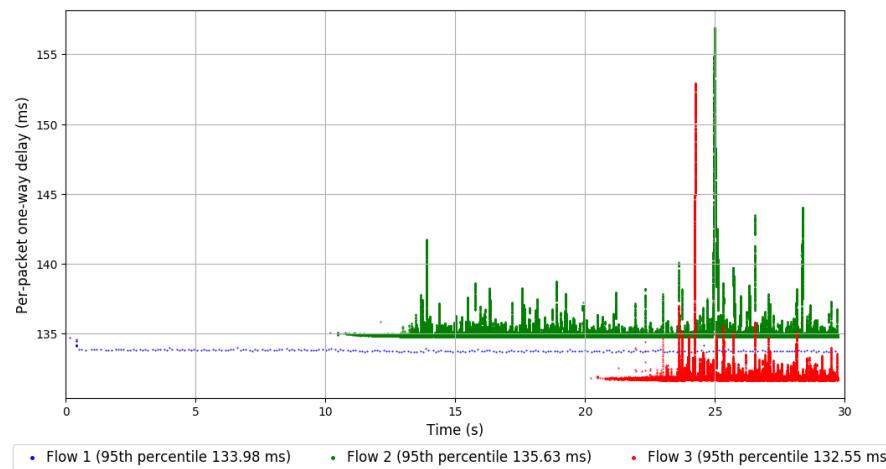
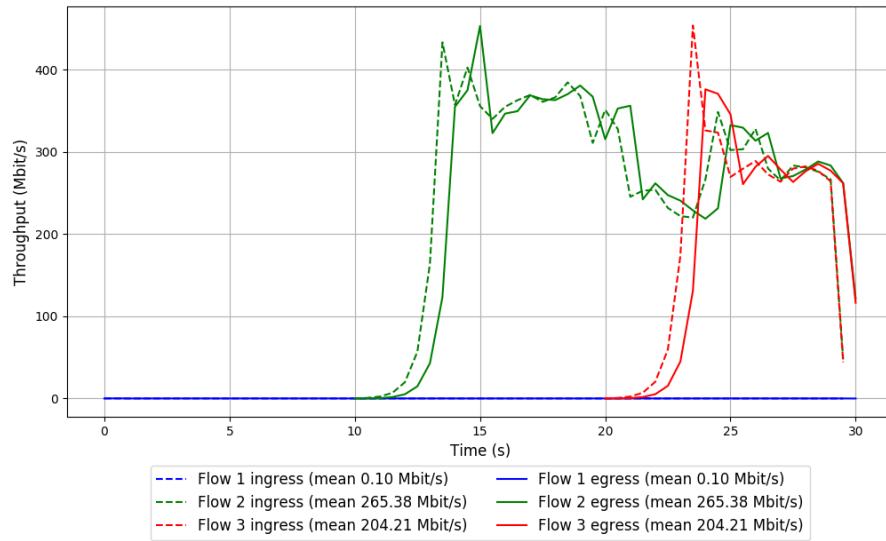


```
Run 2: Statistics of Muses\_DecisionTreeR0

Start at: 2020-02-18 16:24:16
End at: 2020-02-18 16:24:46
Local clock offset: 0.299 ms
Remote clock offset: -0.058 ms

# Below is generated by plot.py at 2020-02-18 20:38:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 240.98 Mbit/s
95th percentile per-packet one-way delay: 135.343 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.10 Mbit/s
95th percentile per-packet one-way delay: 133.980 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 265.38 Mbit/s
95th percentile per-packet one-way delay: 135.630 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 204.21 Mbit/s
95th percentile per-packet one-way delay: 132.554 ms
Loss rate: 0.00%
```

Run 2: Report of Muses_DecisionTreeR0 — Data Link

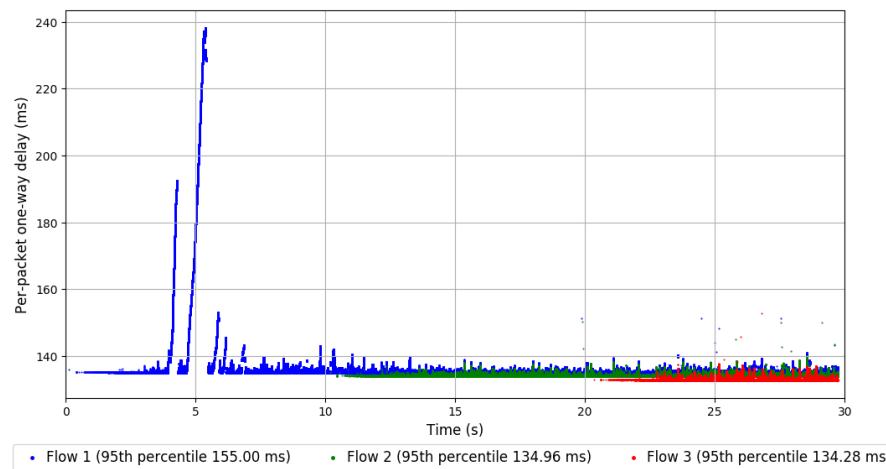
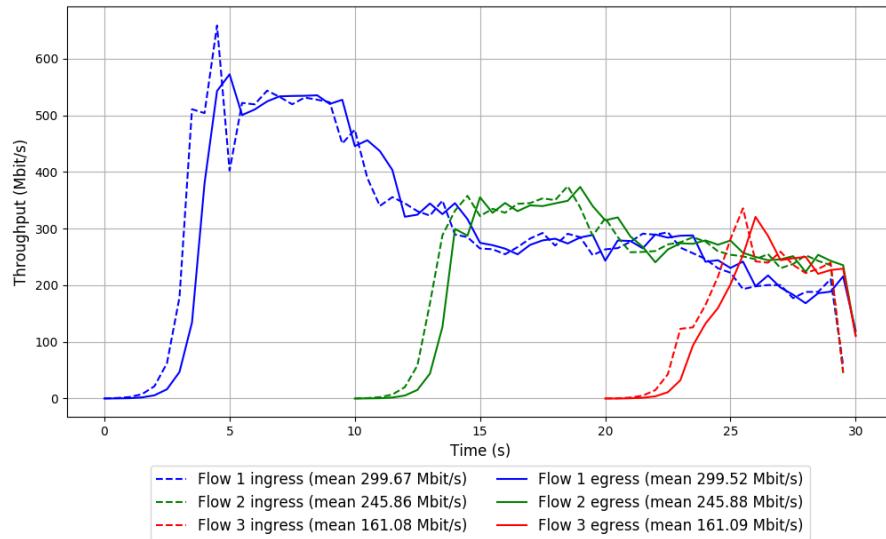


```
Run 3: Statistics of Muses\_DecisionTreeR0

Start at: 2020-02-18 17:06:04
End at: 2020-02-18 17:06:34
Local clock offset: -0.113 ms
Remote clock offset: -0.143 ms

# Below is generated by plot.py at 2020-02-18 20:44:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 513.02 Mbit/s
95th percentile per-packet one-way delay: 140.160 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 299.52 Mbit/s
95th percentile per-packet one-way delay: 155.000 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 245.88 Mbit/s
95th percentile per-packet one-way delay: 134.959 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 161.09 Mbit/s
95th percentile per-packet one-way delay: 134.276 ms
Loss rate: 0.00%
```

Run 3: Report of Muses_DecisionTreeR0 — Data Link

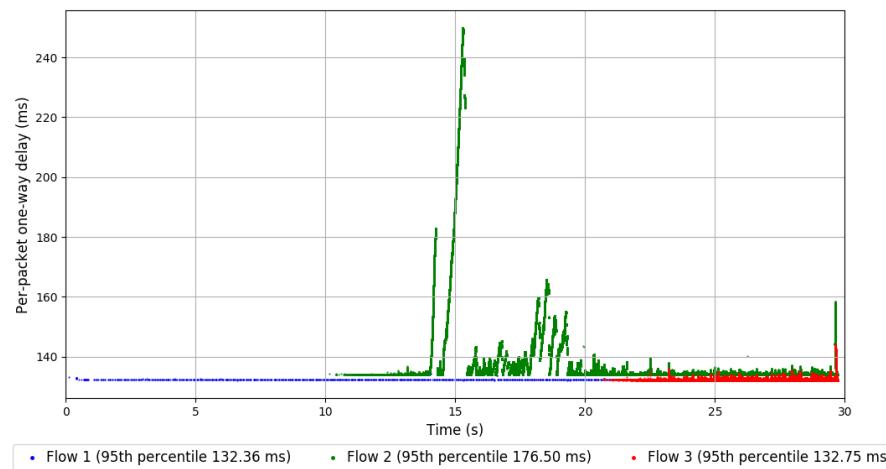
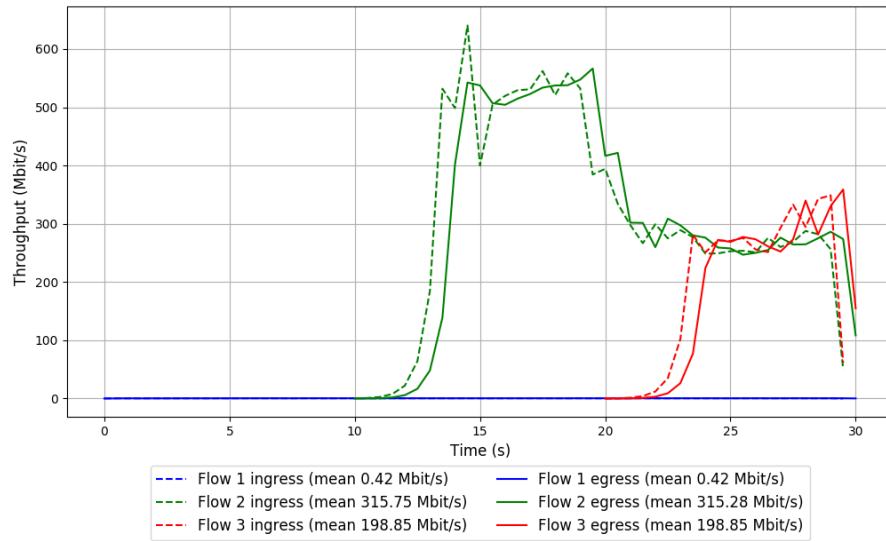


```
Run 4: Statistics of Muses\_DecisionTreeR0

Start at: 2020-02-18 17:48:05
End at: 2020-02-18 17:48:35
Local clock offset: -0.08 ms
Remote clock offset: -0.103 ms

# Below is generated by plot.py at 2020-02-18 20:44:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 271.36 Mbit/s
95th percentile per-packet one-way delay: 163.927 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 132.361 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 315.28 Mbit/s
95th percentile per-packet one-way delay: 176.504 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 198.85 Mbit/s
95th percentile per-packet one-way delay: 132.748 ms
Loss rate: 0.00%
```

Run 4: Report of Muses_DecisionTreeR0 — Data Link

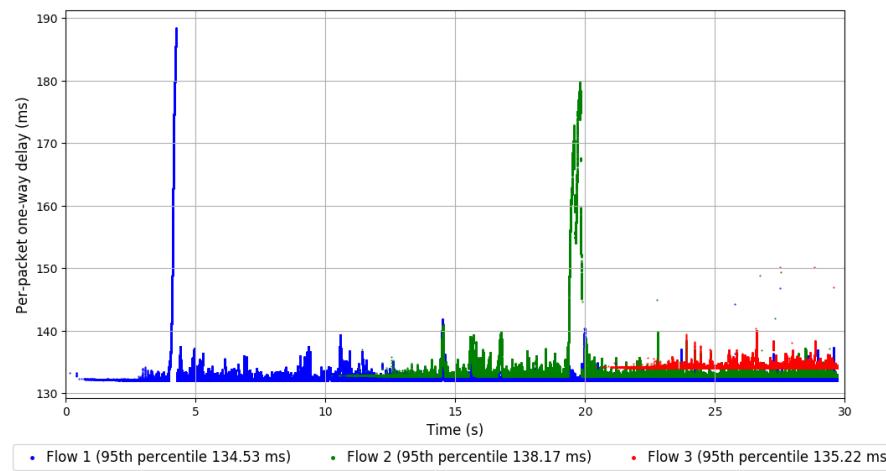
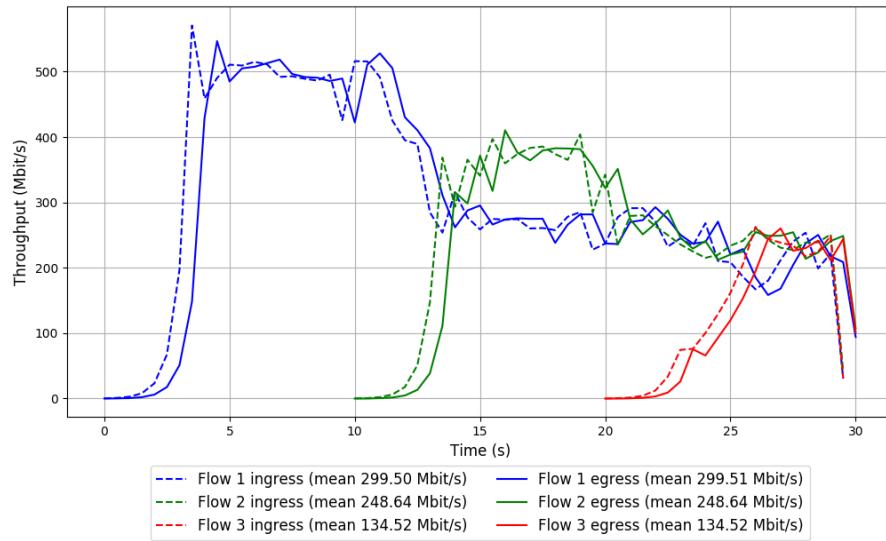


```
Run 5: Statistics of Muses\_DecisionTreeR0

Start at: 2020-02-18 18:30:08
End at: 2020-02-18 18:30:38
Local clock offset: -0.182 ms
Remote clock offset: -0.06 ms

# Below is generated by plot.py at 2020-02-18 20:45:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 505.28 Mbit/s
95th percentile per-packet one-way delay: 135.566 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 299.51 Mbit/s
95th percentile per-packet one-way delay: 134.527 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 248.64 Mbit/s
95th percentile per-packet one-way delay: 138.168 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 134.52 Mbit/s
95th percentile per-packet one-way delay: 135.219 ms
Loss rate: 0.00%
```

Run 5: Report of Muses_DecisionTreeR0 — Data Link

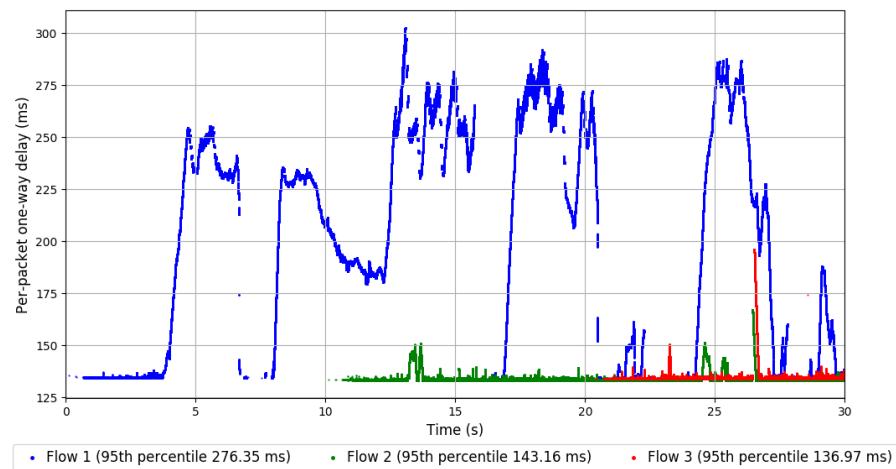
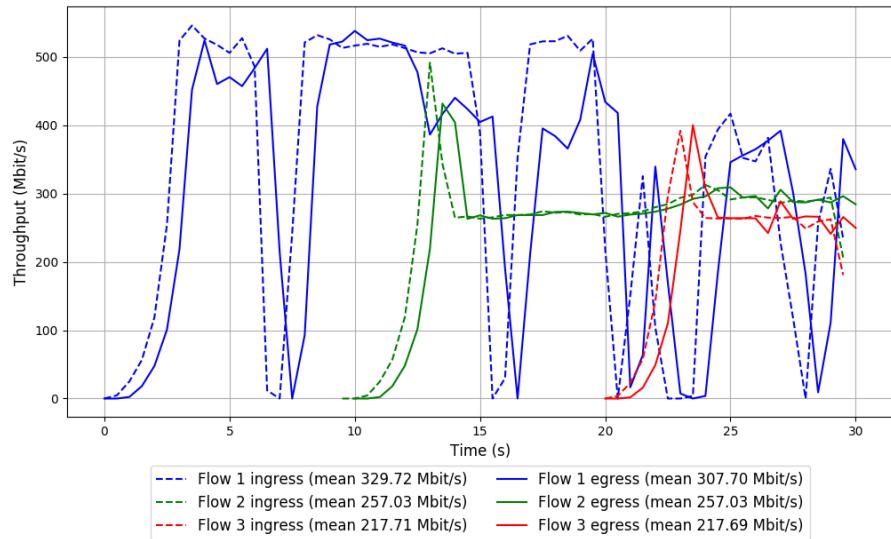


Run 1: Statistics of PCC-Allegro

```
Start at: 2020-02-18 15:45:05
End at: 2020-02-18 15:45:35
Local clock offset: -0.147 ms
Remote clock offset: -0.099 ms

# Below is generated by plot.py at 2020-02-18 21:02:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 550.17 Mbit/s
95th percentile per-packet one-way delay: 270.675 ms
Loss rate: 3.85%
-- Flow 1:
Average throughput: 307.70 Mbit/s
95th percentile per-packet one-way delay: 276.345 ms
Loss rate: 6.68%
-- Flow 2:
Average throughput: 257.03 Mbit/s
95th percentile per-packet one-way delay: 143.163 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 217.69 Mbit/s
95th percentile per-packet one-way delay: 136.973 ms
Loss rate: 0.00%
```

Run 1: Report of PCC-Allegro — Data Link

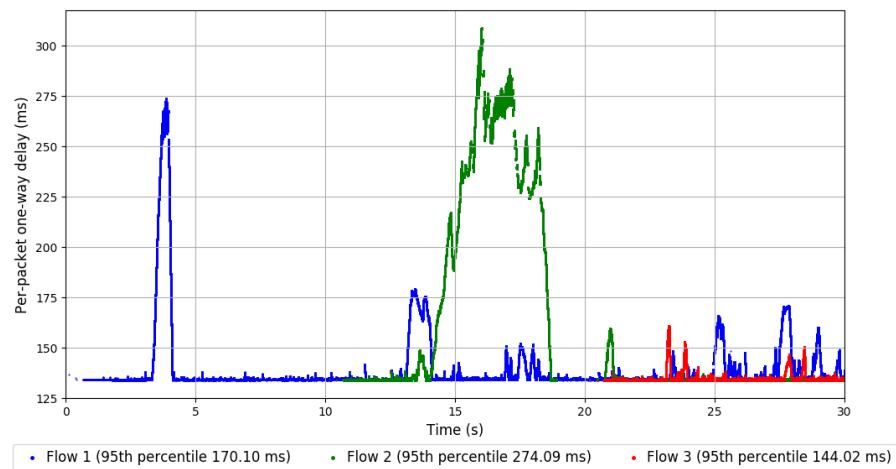
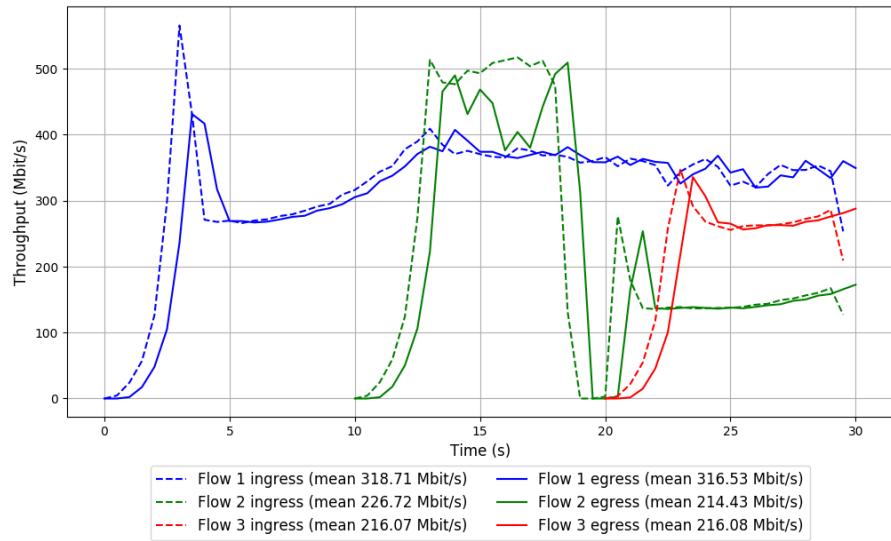


Run 2: Statistics of PCC-Allegro

```
Start at: 2020-02-18 16:27:34
End at: 2020-02-18 16:28:04
Local clock offset: -0.081 ms
Remote clock offset: -0.009 ms

# Below is generated by plot.py at 2020-02-18 21:02:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 530.13 Mbit/s
95th percentile per-packet one-way delay: 250.744 ms
Loss rate: 1.92%
-- Flow 1:
Average throughput: 316.53 Mbit/s
95th percentile per-packet one-way delay: 170.104 ms
Loss rate: 0.69%
-- Flow 2:
Average throughput: 214.43 Mbit/s
95th percentile per-packet one-way delay: 274.093 ms
Loss rate: 5.42%
-- Flow 3:
Average throughput: 216.08 Mbit/s
95th percentile per-packet one-way delay: 144.022 ms
Loss rate: 0.00%
```

Run 2: Report of PCC-Allegro — Data Link

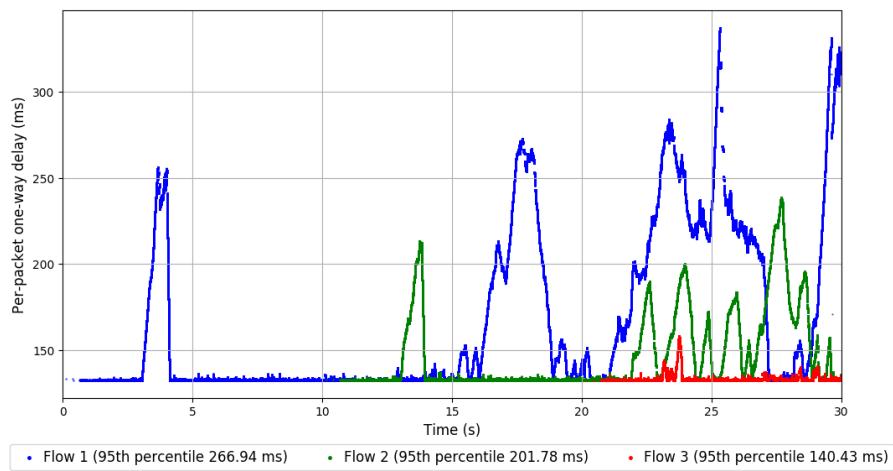
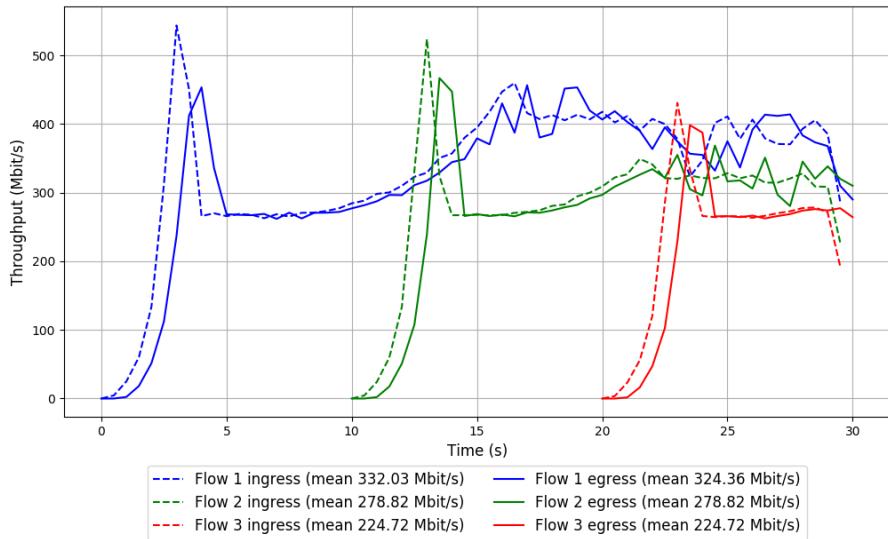


Run 3: Statistics of PCC-Allegro

```
Start at: 2020-02-18 17:09:41
End at: 2020-02-18 17:10:11
Local clock offset: 0.235 ms
Remote clock offset: -0.188 ms

# Below is generated by plot.py at 2020-02-18 21:04:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 583.46 Mbit/s
95th percentile per-packet one-way delay: 254.099 ms
Loss rate: 1.29%
-- Flow 1:
Average throughput: 324.36 Mbit/s
95th percentile per-packet one-way delay: 266.942 ms
Loss rate: 2.30%
-- Flow 2:
Average throughput: 278.82 Mbit/s
95th percentile per-packet one-way delay: 201.780 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 224.72 Mbit/s
95th percentile per-packet one-way delay: 140.434 ms
Loss rate: 0.00%
```

Run 3: Report of PCC-Allegro — Data Link

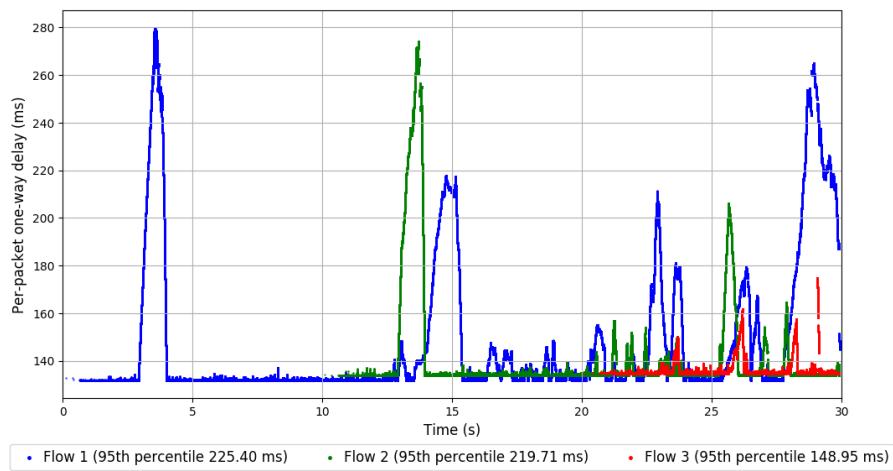
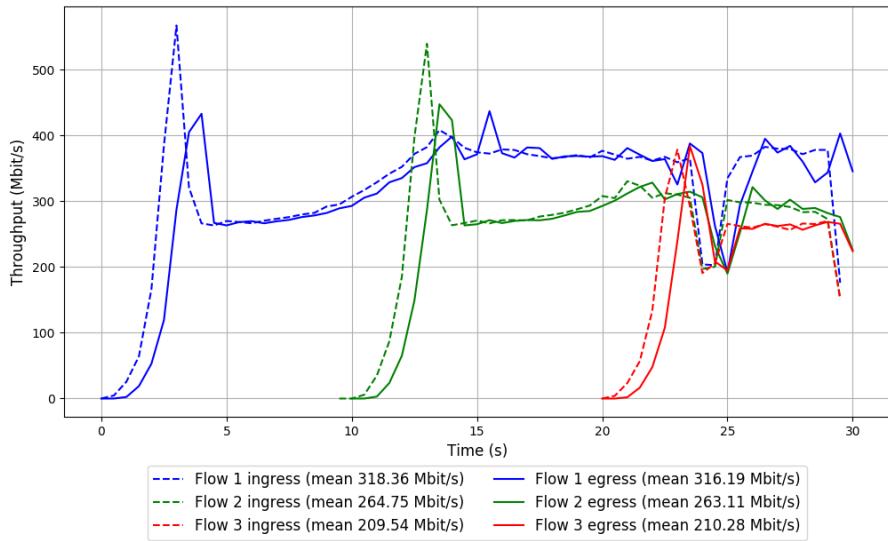


Run 4: Statistics of PCC-Allegro

```
Start at: 2020-02-18 17:51:22
End at: 2020-02-18 17:51:52
Local clock offset: 0.274 ms
Remote clock offset: -0.103 ms

# Below is generated by plot.py at 2020-02-18 21:05:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 560.24 Mbit/s
95th percentile per-packet one-way delay: 219.975 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 316.19 Mbit/s
95th percentile per-packet one-way delay: 225.402 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 263.11 Mbit/s
95th percentile per-packet one-way delay: 219.713 ms
Loss rate: 0.80%
-- Flow 3:
Average throughput: 210.28 Mbit/s
95th percentile per-packet one-way delay: 148.954 ms
Loss rate: 0.00%
```

Run 4: Report of PCC-Allegro — Data Link

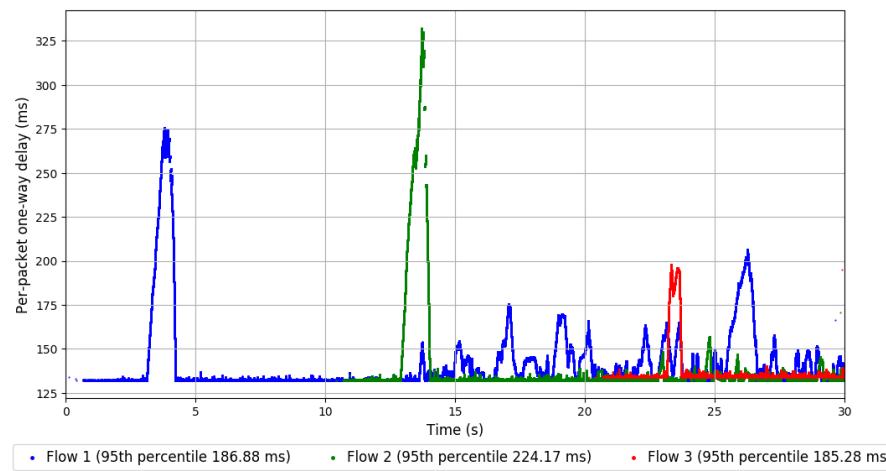
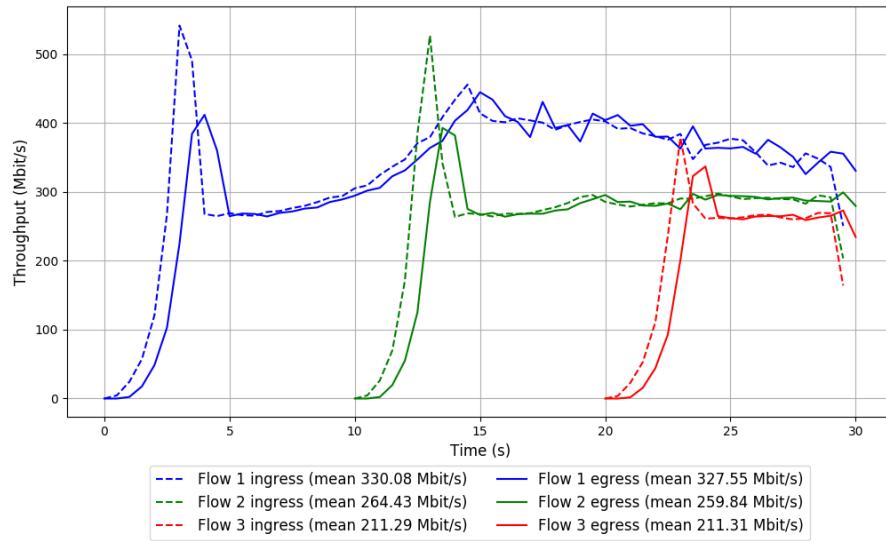


Run 5: Statistics of PCC-Allegro

```
Start at: 2020-02-18 18:33:37
End at: 2020-02-18 18:34:07
Local clock offset: -0.137 ms
Remote clock offset: -0.074 ms

# Below is generated by plot.py at 2020-02-18 21:05:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 569.83 Mbit/s
95th percentile per-packet one-way delay: 190.391 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 327.55 Mbit/s
95th percentile per-packet one-way delay: 186.877 ms
Loss rate: 0.77%
-- Flow 2:
Average throughput: 259.84 Mbit/s
95th percentile per-packet one-way delay: 224.172 ms
Loss rate: 1.73%
-- Flow 3:
Average throughput: 211.31 Mbit/s
95th percentile per-packet one-way delay: 185.278 ms
Loss rate: 0.00%
```

Run 5: Report of PCC-Allegro — Data Link

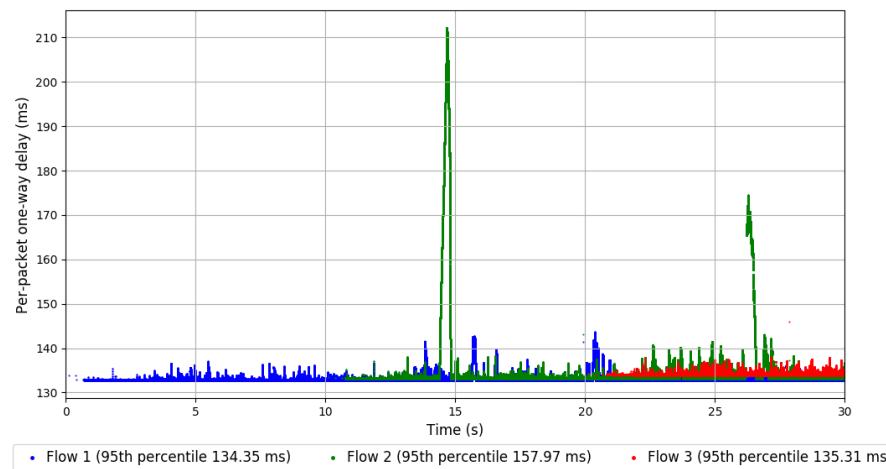
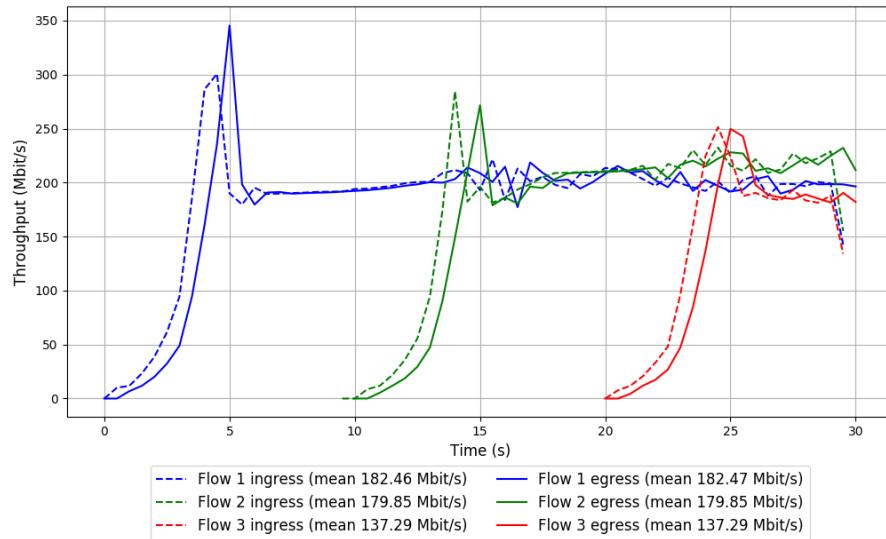


Run 1: Statistics of PCC-Expr

```
Start at: 2020-02-18 15:14:07
End at: 2020-02-18 15:14:37
Local clock offset: -0.058 ms
Remote clock offset: -0.159 ms

# Below is generated by plot.py at 2020-02-18 21:05:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 347.43 Mbit/s
95th percentile per-packet one-way delay: 136.398 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 182.47 Mbit/s
95th percentile per-packet one-way delay: 134.355 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 179.85 Mbit/s
95th percentile per-packet one-way delay: 157.972 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 137.29 Mbit/s
95th percentile per-packet one-way delay: 135.307 ms
Loss rate: 0.00%
```

Run 1: Report of PCC-Expr — Data Link

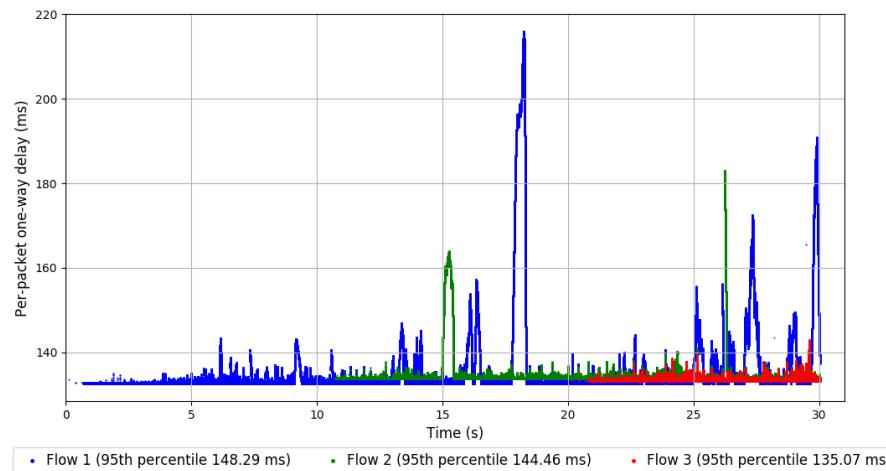
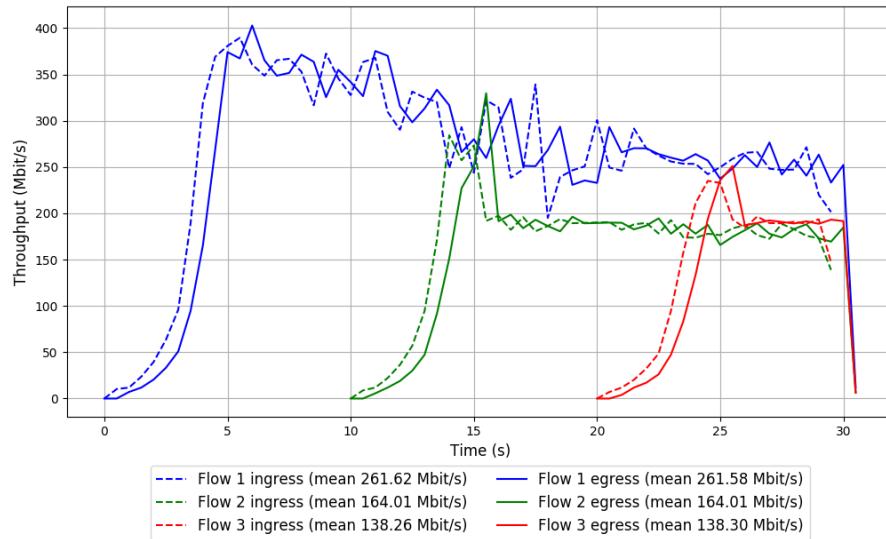


Run 2: Statistics of PCC-Expr

```
Start at: 2020-02-18 15:56:20
End at: 2020-02-18 15:56:50
Local clock offset: 0.295 ms
Remote clock offset: -0.369 ms

# Below is generated by plot.py at 2020-02-18 21:05:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 416.20 Mbit/s
95th percentile per-packet one-way delay: 145.798 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 261.58 Mbit/s
95th percentile per-packet one-way delay: 148.288 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 164.01 Mbit/s
95th percentile per-packet one-way delay: 144.456 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 138.30 Mbit/s
95th percentile per-packet one-way delay: 135.073 ms
Loss rate: 0.00%
```

Run 2: Report of PCC-Expr — Data Link

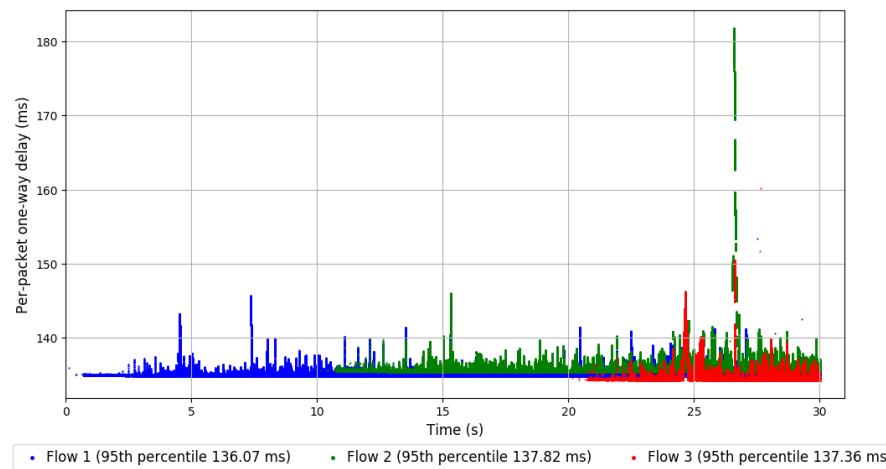
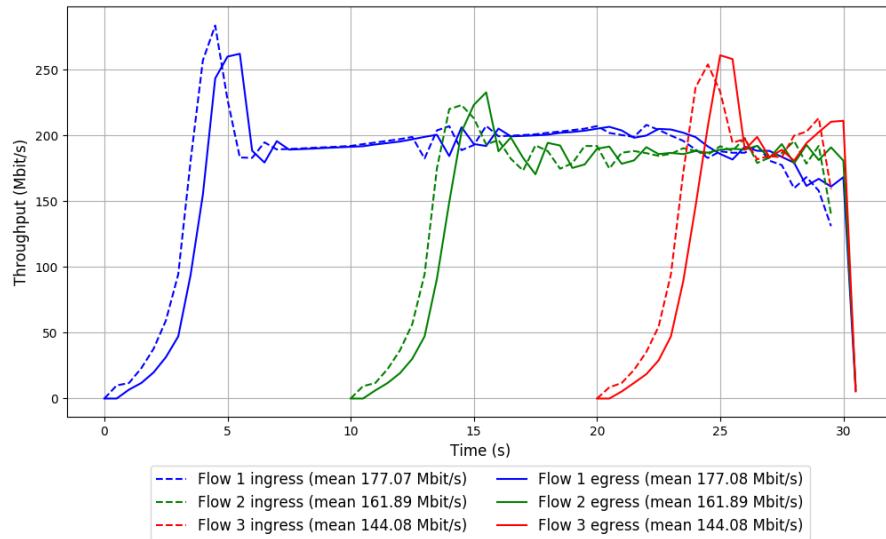


Run 3: Statistics of PCC-Expr

```
Start at: 2020-02-18 16:38:27
End at: 2020-02-18 16:38:57
Local clock offset: -0.063 ms
Remote clock offset: 0.314 ms

# Below is generated by plot.py at 2020-02-18 21:05:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 332.27 Mbit/s
95th percentile per-packet one-way delay: 136.912 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 177.08 Mbit/s
95th percentile per-packet one-way delay: 136.068 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 161.89 Mbit/s
95th percentile per-packet one-way delay: 137.817 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 144.08 Mbit/s
95th percentile per-packet one-way delay: 137.357 ms
Loss rate: 0.00%
```

Run 3: Report of PCC-Expr — Data Link

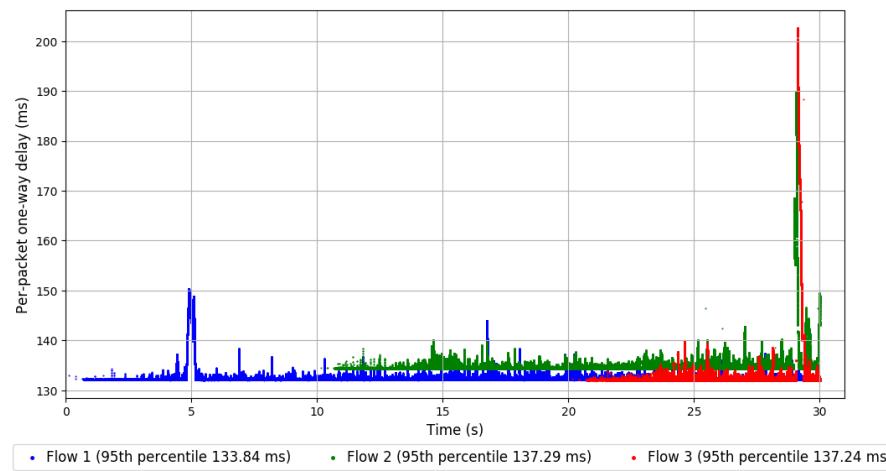
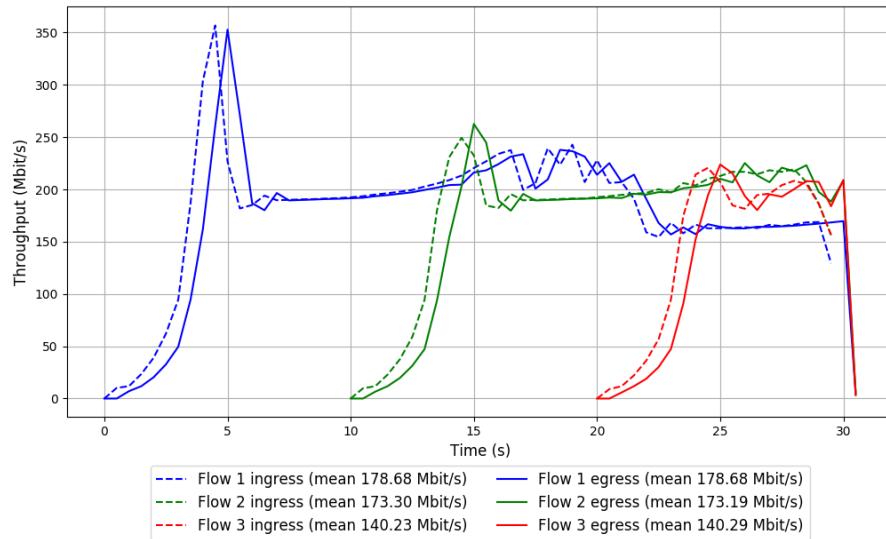


Run 4: Statistics of PCC-Expr

```
Start at: 2020-02-18 17:20:42
End at: 2020-02-18 17:21:12
Local clock offset: 0.201 ms
Remote clock offset: -0.559 ms

# Below is generated by plot.py at 2020-02-18 21:12:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 340.10 Mbit/s
95th percentile per-packet one-way delay: 136.241 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 178.68 Mbit/s
95th percentile per-packet one-way delay: 133.840 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 173.19 Mbit/s
95th percentile per-packet one-way delay: 137.289 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 140.29 Mbit/s
95th percentile per-packet one-way delay: 137.241 ms
Loss rate: 0.00%
```

Run 4: Report of PCC-Expr — Data Link

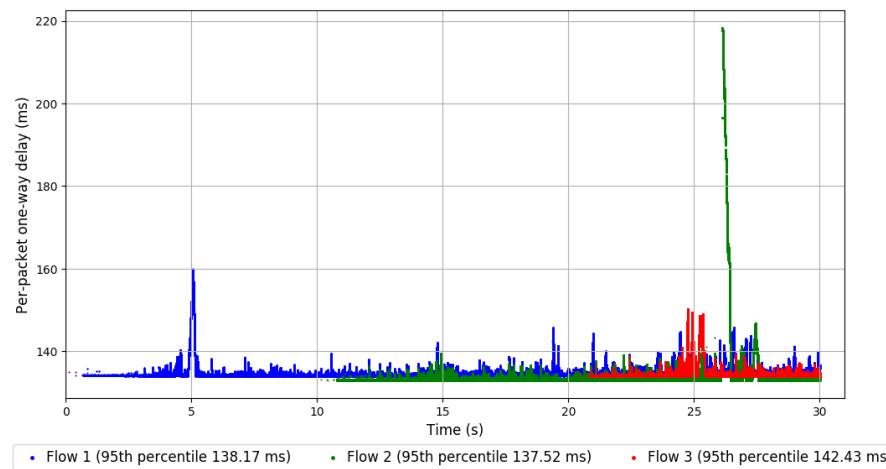
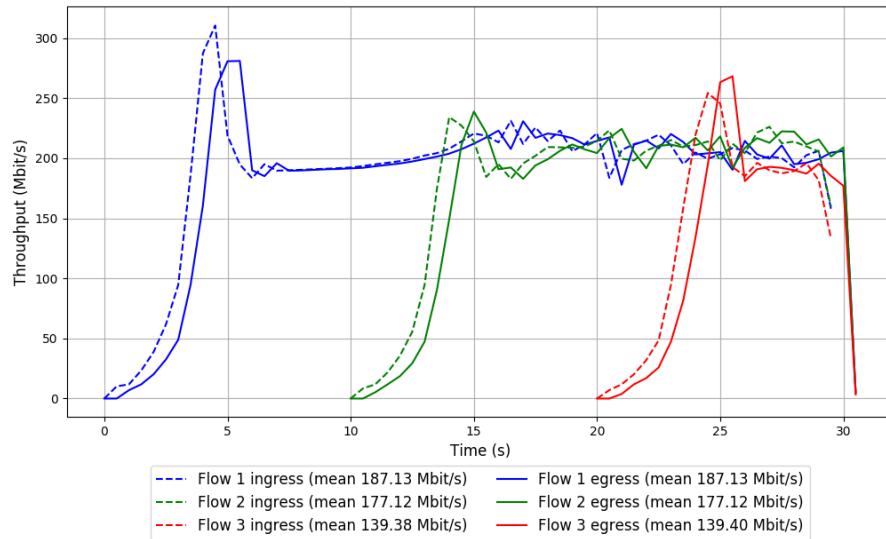


Run 5: Statistics of PCC-Expr

```
Start at: 2020-02-18 18:02:33
End at: 2020-02-18 18:03:03
Local clock offset: -0.1 ms
Remote clock offset: -0.11 ms

# Below is generated by plot.py at 2020-02-18 21:17:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 350.81 Mbit/s
95th percentile per-packet one-way delay: 138.558 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 187.13 Mbit/s
95th percentile per-packet one-way delay: 138.173 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 177.12 Mbit/s
95th percentile per-packet one-way delay: 137.523 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 139.40 Mbit/s
95th percentile per-packet one-way delay: 142.432 ms
Loss rate: 0.00%
```

Run 5: Report of PCC-Expr — Data Link

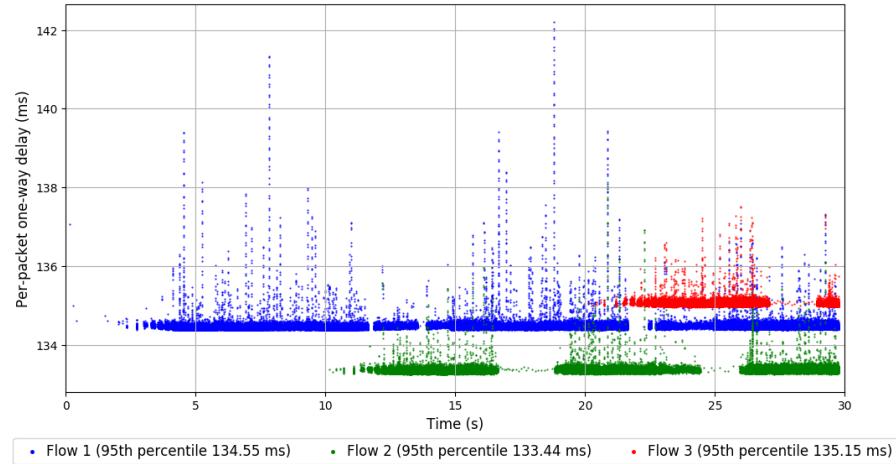
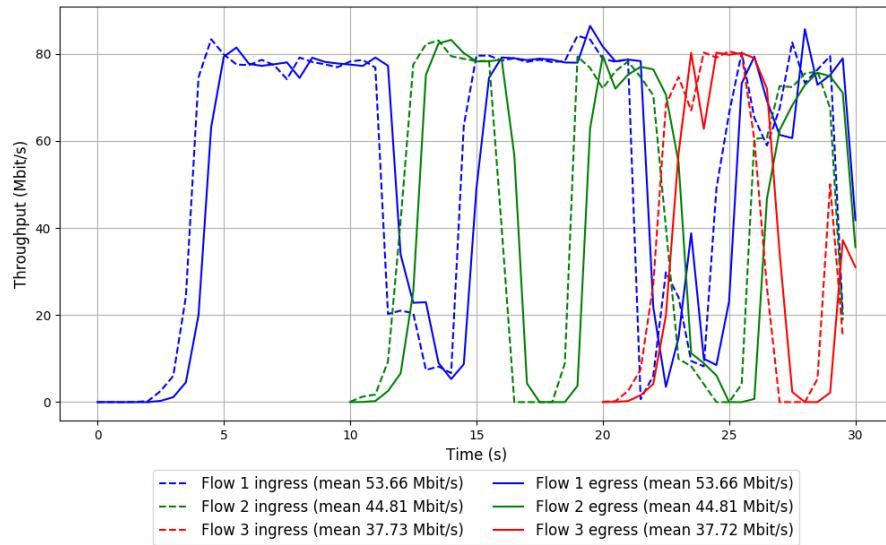


Run 1: Statistics of QUIC Cubic

```
Start at: 2020-02-18 15:25:55
End at: 2020-02-18 15:26:25
Local clock offset: -0.088 ms
Remote clock offset: -0.136 ms

# Below is generated by plot.py at 2020-02-18 21:17:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 95.57 Mbit/s
95th percentile per-packet one-way delay: 135.054 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.66 Mbit/s
95th percentile per-packet one-way delay: 134.551 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 44.81 Mbit/s
95th percentile per-packet one-way delay: 133.444 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 37.72 Mbit/s
95th percentile per-packet one-way delay: 135.145 ms
Loss rate: 0.02%
```

Run 1: Report of QUIC Cubic — Data Link

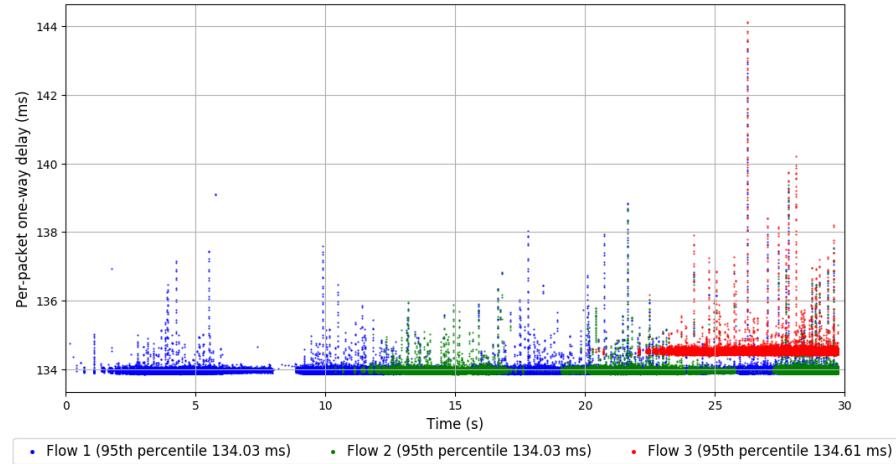
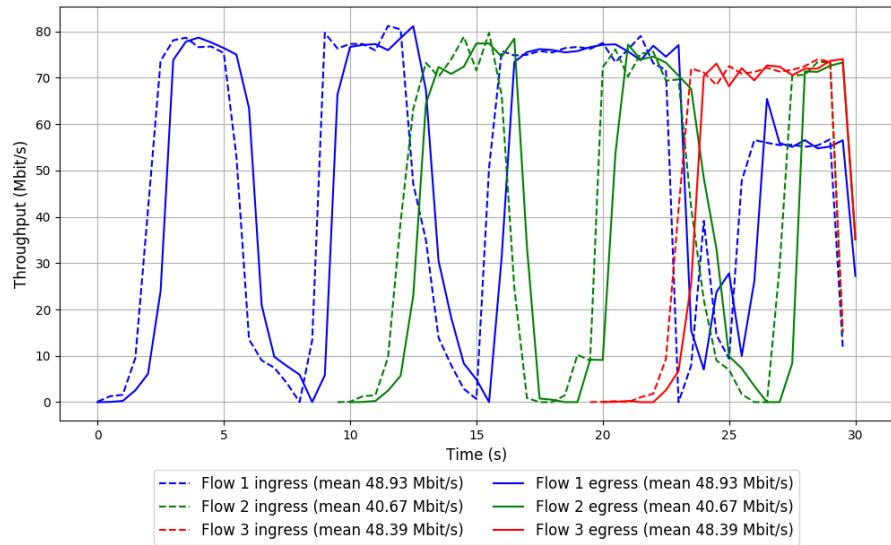


Run 2: Statistics of QUIC Cubic

```
Start at: 2020-02-18 16:08:22
End at: 2020-02-18 16:08:52
Local clock offset: -0.06 ms
Remote clock offset: 0.008 ms

# Below is generated by plot.py at 2020-02-18 21:17:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.60 Mbit/s
95th percentile per-packet one-way delay: 134.529 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 48.93 Mbit/s
95th percentile per-packet one-way delay: 134.032 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 40.67 Mbit/s
95th percentile per-packet one-way delay: 134.031 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 48.39 Mbit/s
95th percentile per-packet one-way delay: 134.608 ms
Loss rate: 0.00%
```

Run 2: Report of QUIC Cubic — Data Link

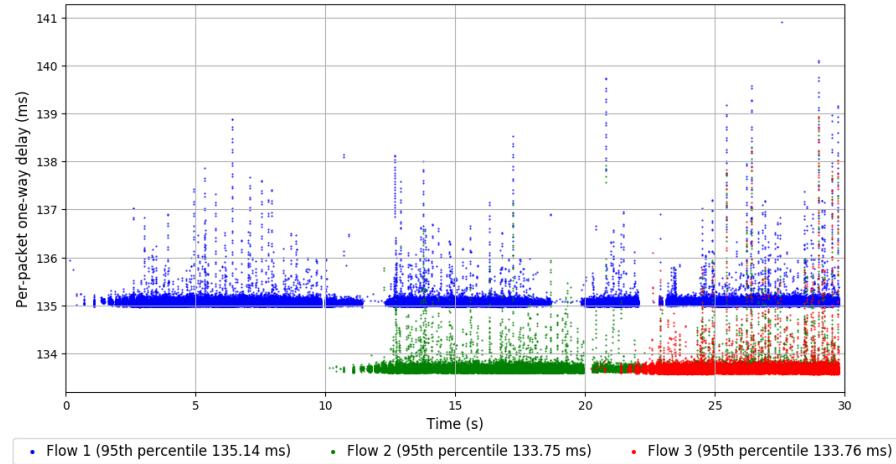
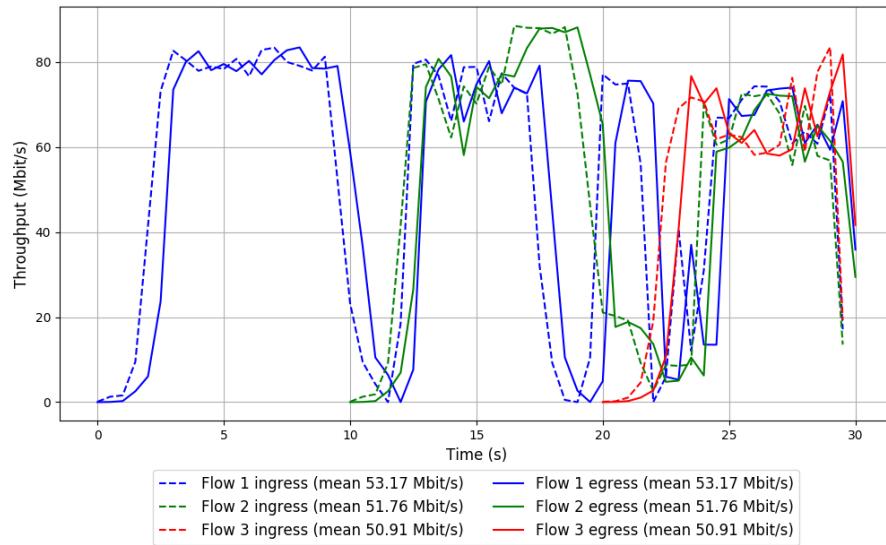


Run 3: Statistics of QUIC Cubic

```
Start at: 2020-02-18 16:50:27
End at: 2020-02-18 16:50:57
Local clock offset: -0.025 ms
Remote clock offset: -0.106 ms

# Below is generated by plot.py at 2020-02-18 21:17:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 103.88 Mbit/s
95th percentile per-packet one-way delay: 135.109 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.17 Mbit/s
95th percentile per-packet one-way delay: 135.138 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 51.76 Mbit/s
95th percentile per-packet one-way delay: 133.752 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 50.91 Mbit/s
95th percentile per-packet one-way delay: 133.756 ms
Loss rate: 0.00%
```

Run 3: Report of QUIC Cubic — Data Link

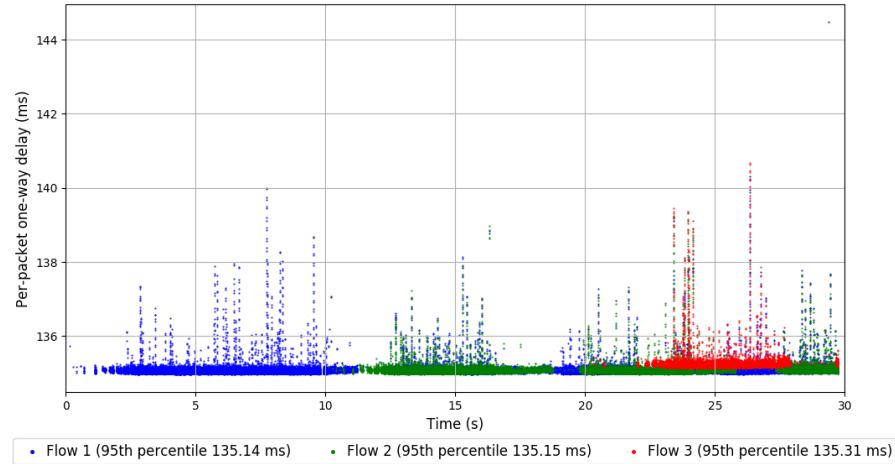
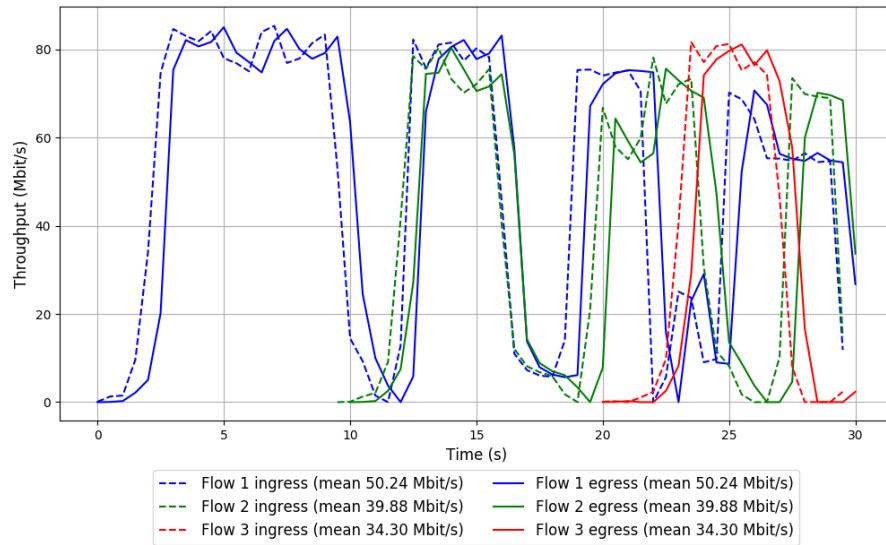


Run 4: Statistics of QUIC Cubic

```
Start at: 2020-02-18 17:32:20
End at: 2020-02-18 17:32:50
Local clock offset: -0.115 ms
Remote clock offset: -0.159 ms

# Below is generated by plot.py at 2020-02-18 21:17:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.79 Mbit/s
95th percentile per-packet one-way delay: 135.231 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.24 Mbit/s
95th percentile per-packet one-way delay: 135.140 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.88 Mbit/s
95th percentile per-packet one-way delay: 135.154 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 34.30 Mbit/s
95th percentile per-packet one-way delay: 135.313 ms
Loss rate: 0.00%
```

Run 4: Report of QUIC Cubic — Data Link

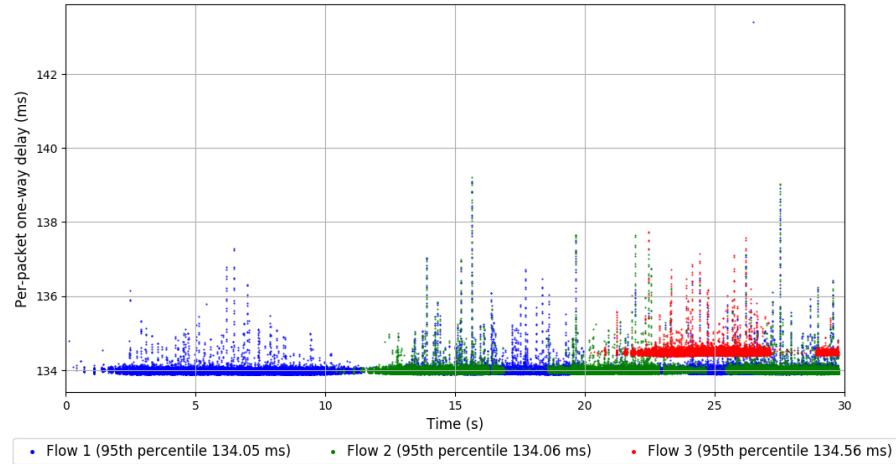
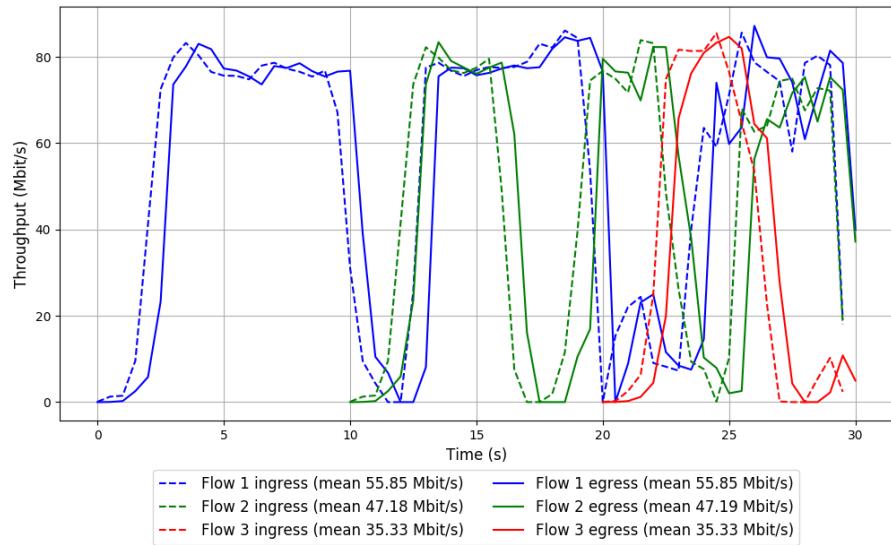


Run 5: Statistics of QUIC Cubic

```
Start at: 2020-02-18 18:14:05
End at: 2020-02-18 18:14:35
Local clock offset: -0.141 ms
Remote clock offset: -0.077 ms

# Below is generated by plot.py at 2020-02-18 21:17:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 98.48 Mbit/s
95th percentile per-packet one-way delay: 134.467 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.85 Mbit/s
95th percentile per-packet one-way delay: 134.050 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 47.19 Mbit/s
95th percentile per-packet one-way delay: 134.059 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 35.33 Mbit/s
95th percentile per-packet one-way delay: 134.561 ms
Loss rate: 0.00%
```

Run 5: Report of QUIC Cubic — Data Link

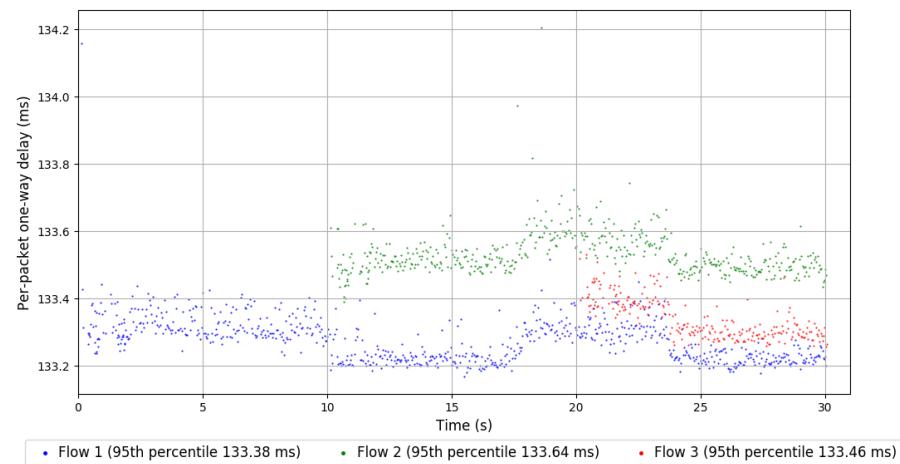
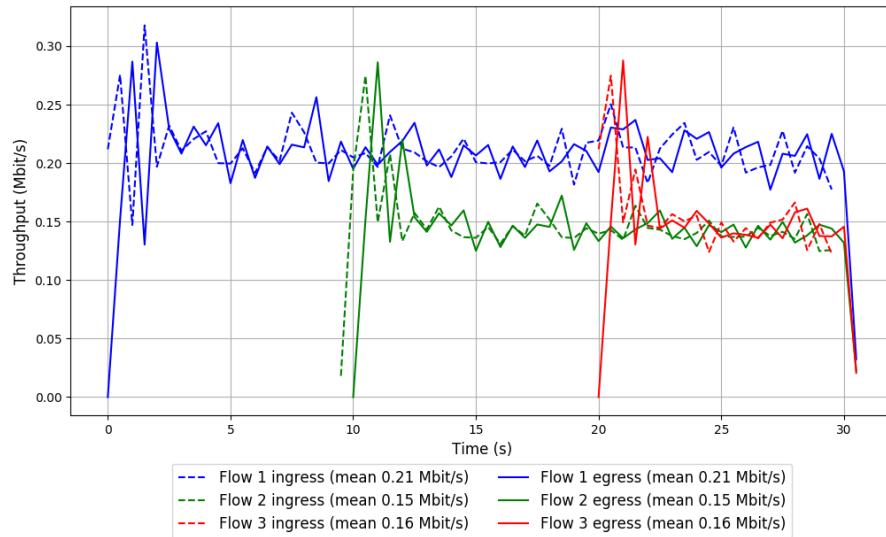


```
Run 1: Statistics of SCReAM

Start at: 2020-02-18 15:16:07
End at: 2020-02-18 15:16:37
Local clock offset: -0.04 ms
Remote clock offset: -0.159 ms

# Below is generated by plot.py at 2020-02-18 21:17:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 133.589 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 133.385 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 133.636 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 133.456 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

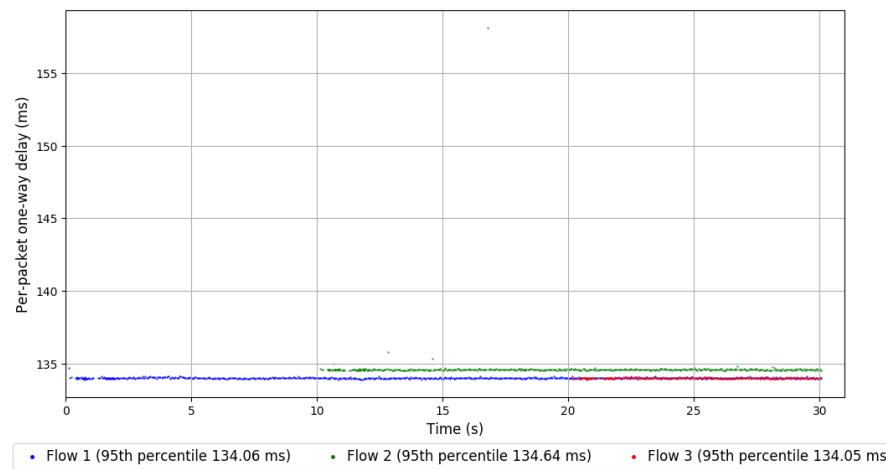
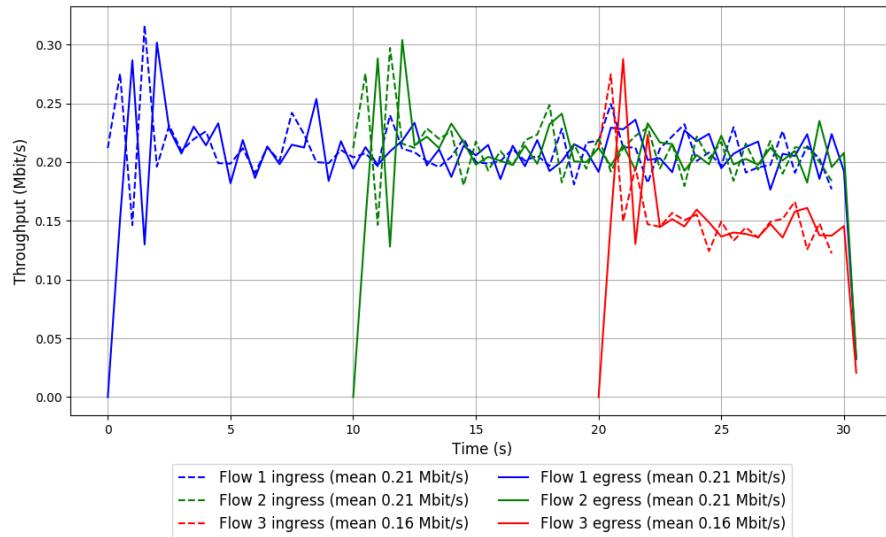


Run 2: Statistics of SCReAM

```
Start at: 2020-02-18 15:58:26
End at: 2020-02-18 15:58:56
Local clock offset: -0.056 ms
Remote clock offset: -0.041 ms

# Below is generated by plot.py at 2020-02-18 21:17:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 134.615 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 134.062 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 134.640 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 134.052 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

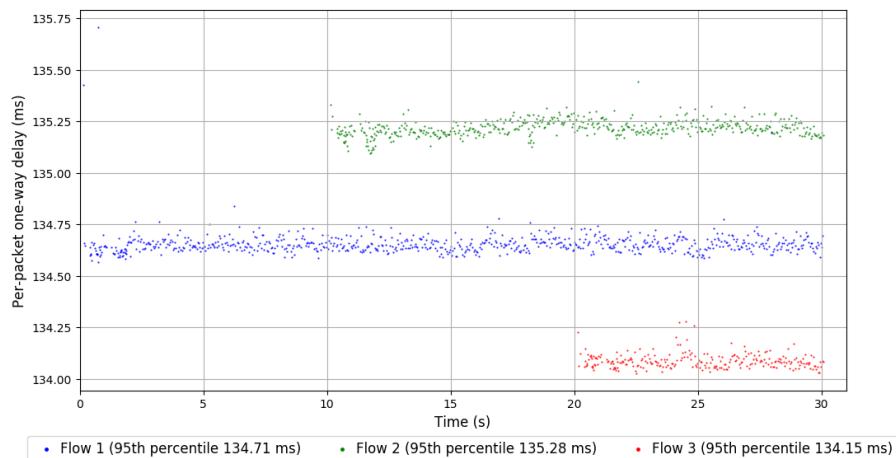
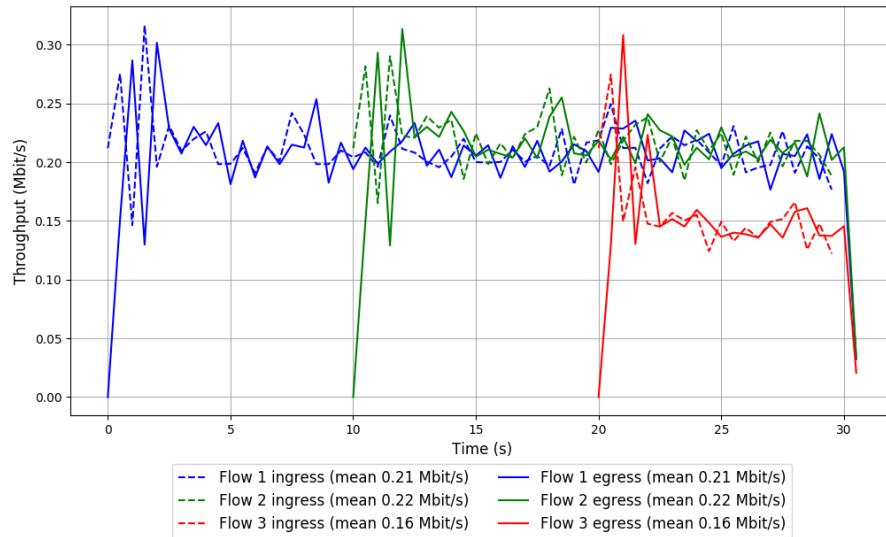


Run 3: Statistics of SCReAM

```
Start at: 2020-02-18 16:40:24
End at: 2020-02-18 16:40:54
Local clock offset: -0.043 ms
Remote clock offset: -0.069 ms

# Below is generated by plot.py at 2020-02-18 21:17:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 135.257 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 134.714 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.282 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 134.148 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

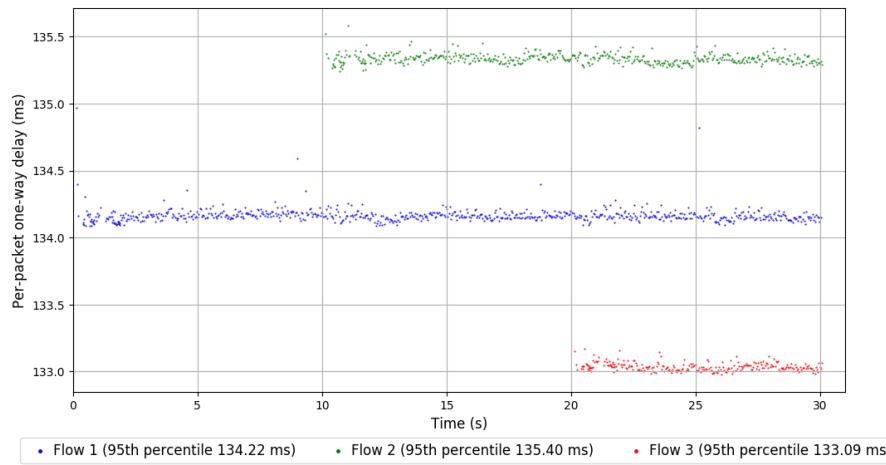
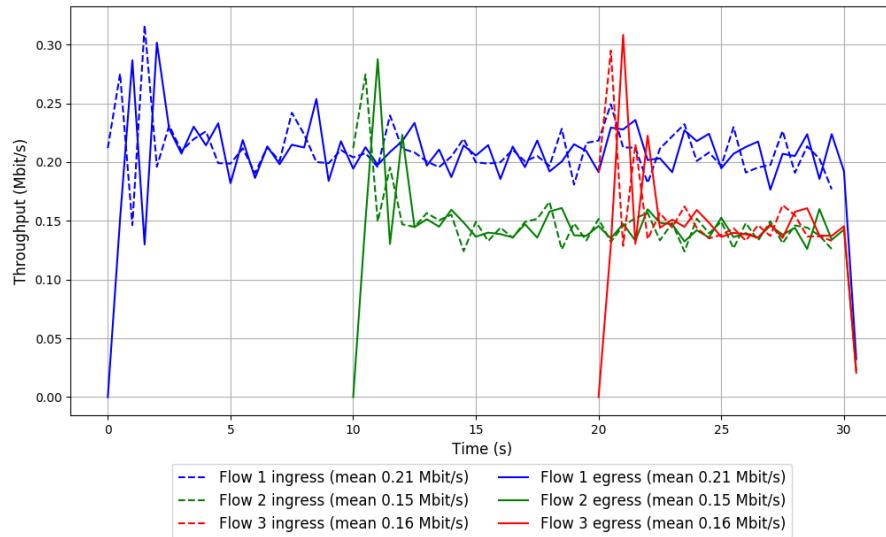


Run 4: Statistics of SCReAM

```
Start at: 2020-02-18 17:22:40
End at: 2020-02-18 17:23:10
Local clock offset: -0.178 ms
Remote clock offset: -0.161 ms

# Below is generated by plot.py at 2020-02-18 21:17:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 135.369 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 134.224 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 135.395 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 133.086 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

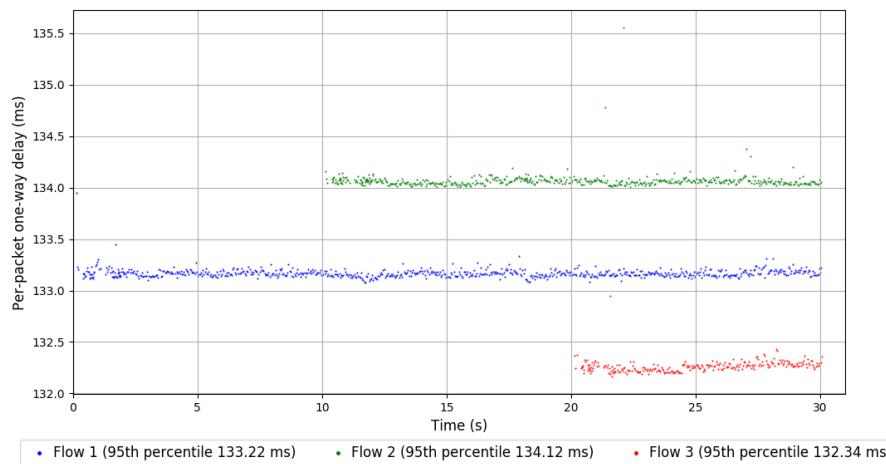
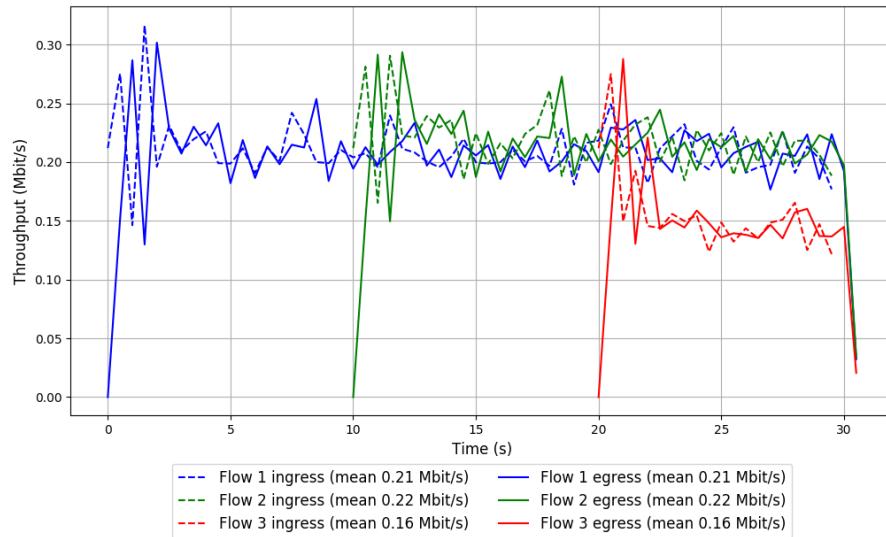


Run 5: Statistics of SCReAM

```
Start at: 2020-02-18 18:04:33
End at: 2020-02-18 18:05:03
Local clock offset: -0.094 ms
Remote clock offset: -0.057 ms

# Below is generated by plot.py at 2020-02-18 21:17:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 134.089 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 133.222 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 134.116 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 132.335 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

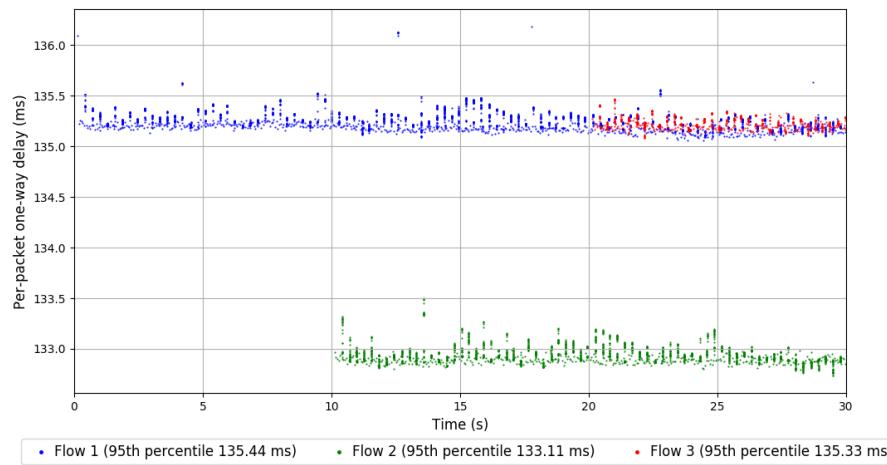
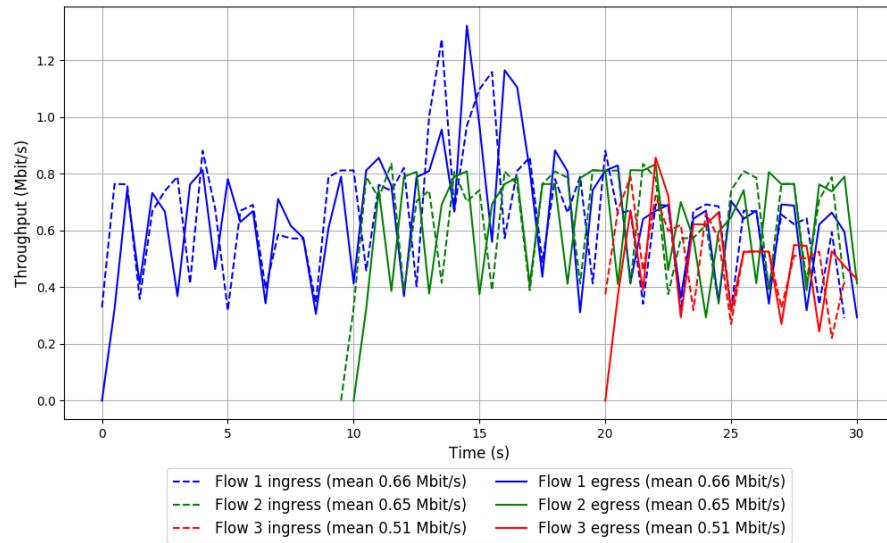


Run 1: Statistics of Sprout

```
Start at: 2020-02-18 15:22:43
End at: 2020-02-18 15:23:13
Local clock offset: -0.08 ms
Remote clock offset: -0.151 ms

# Below is generated by plot.py at 2020-02-18 21:17:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 135.382 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.66 Mbit/s
95th percentile per-packet one-way delay: 135.440 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: 133.111 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 135.327 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

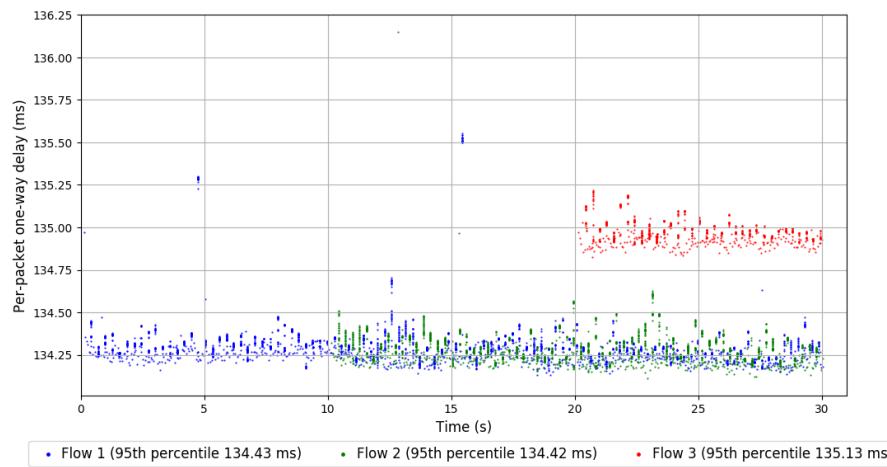
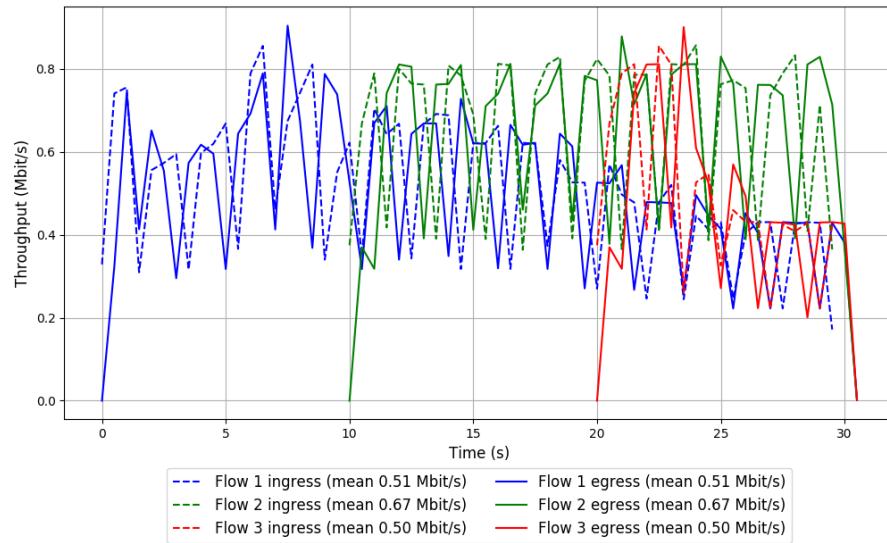


Run 2: Statistics of Sprout

```
Start at: 2020-02-18 16:05:09
End at: 2020-02-18 16:05:39
Local clock offset: 0.295 ms
Remote clock offset: -0.007 ms

# Below is generated by plot.py at 2020-02-18 21:17:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 135.005 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 134.426 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 134.422 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.50 Mbit/s
95th percentile per-packet one-way delay: 135.130 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

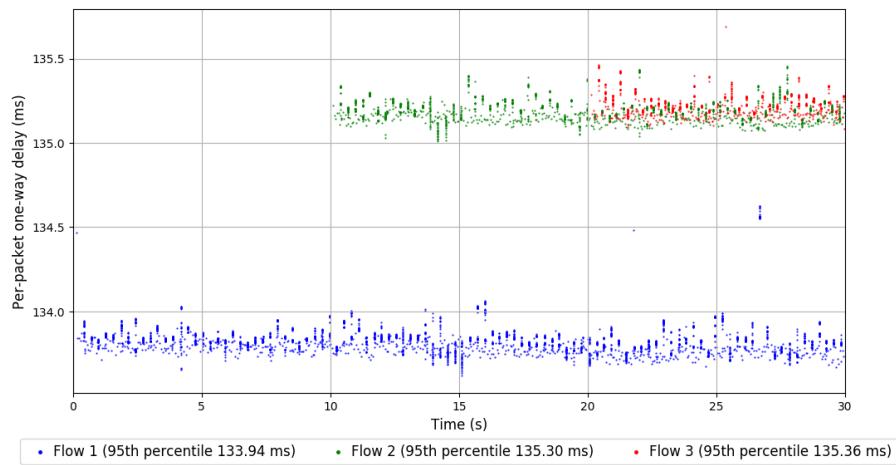
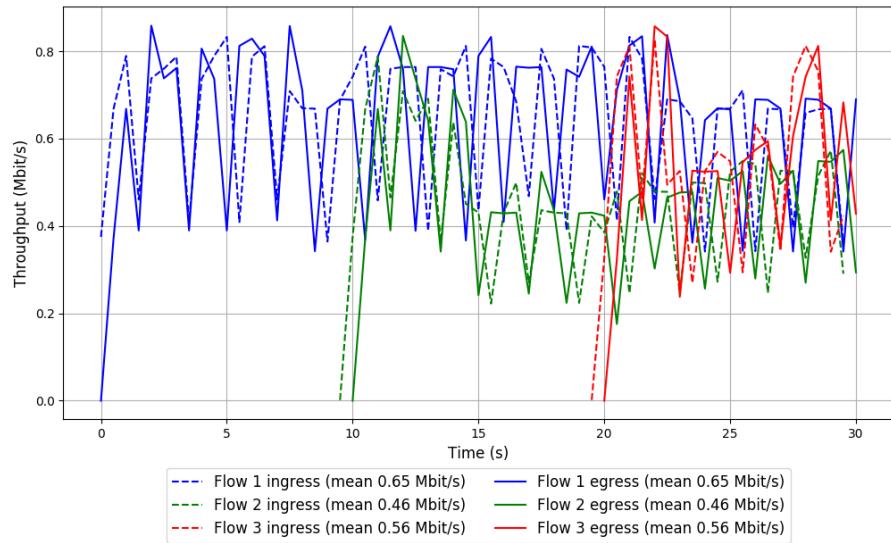


Run 3: Statistics of Sprout

```
Start at: 2020-02-18 16:47:17
End at: 2020-02-18 16:47:47
Local clock offset: -0.009 ms
Remote clock offset: -0.11 ms

# Below is generated by plot.py at 2020-02-18 21:17:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.14 Mbit/s
95th percentile per-packet one-way delay: 135.282 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: 133.941 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 135.301 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 135.359 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

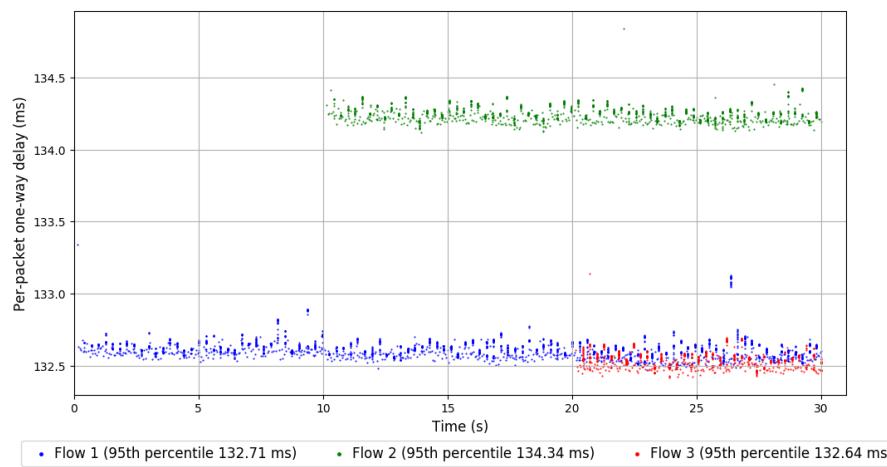
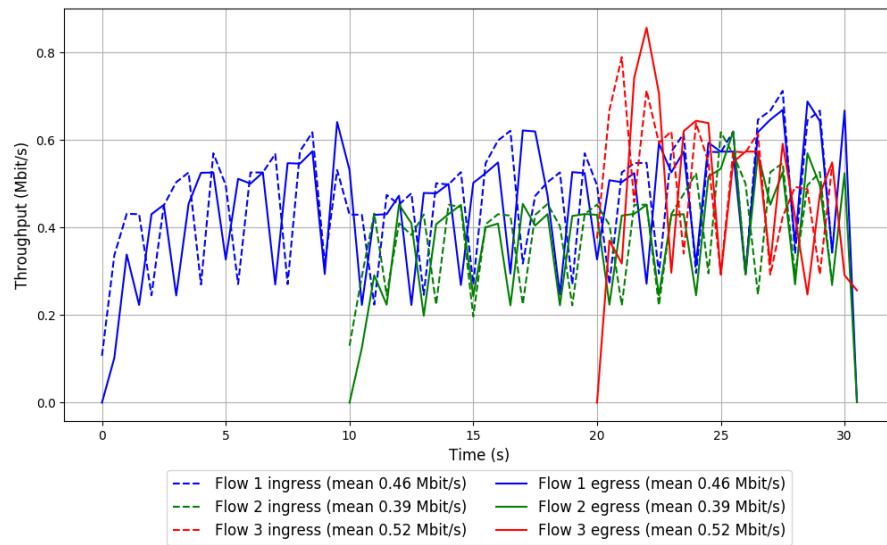


Run 4: Statistics of Sprout

```
Start at: 2020-02-18 17:29:08
End at: 2020-02-18 17:29:38
Local clock offset: -0.102 ms
Remote clock offset: -0.514 ms

# Below is generated by plot.py at 2020-02-18 21:17:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.90 Mbit/s
95th percentile per-packet one-way delay: 134.298 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 132.705 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 134.339 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.52 Mbit/s
95th percentile per-packet one-way delay: 132.644 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

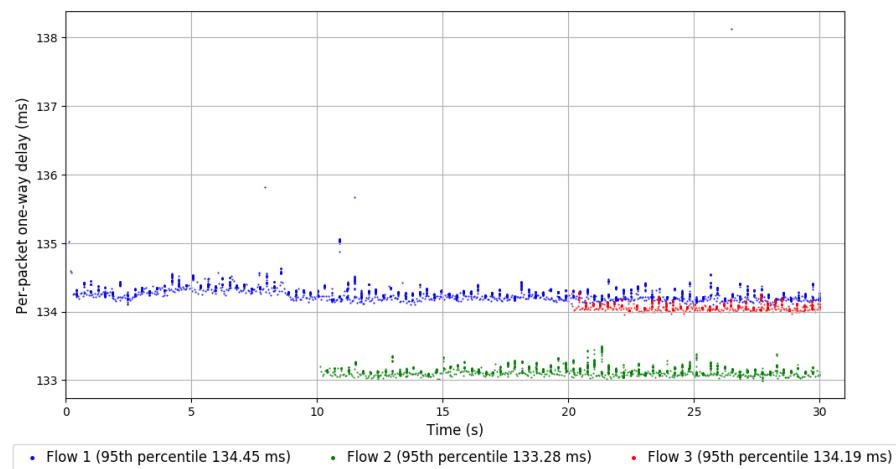
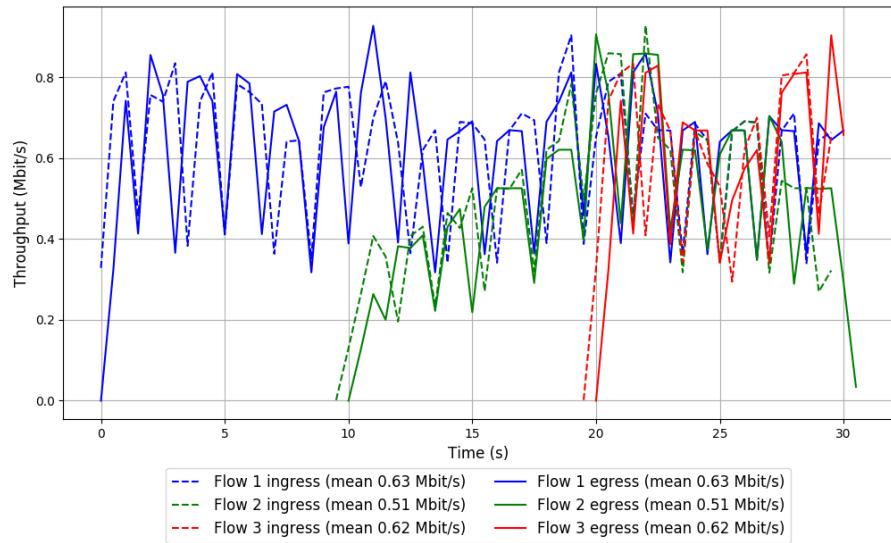


Run 5: Statistics of Sprout

```
Start at: 2020-02-18 18:11:07
End at: 2020-02-18 18:11:37
Local clock offset: -0.12 ms
Remote clock offset: -0.079 ms

# Below is generated by plot.py at 2020-02-18 21:17:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 134.405 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 134.452 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 133.277 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 134.193 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

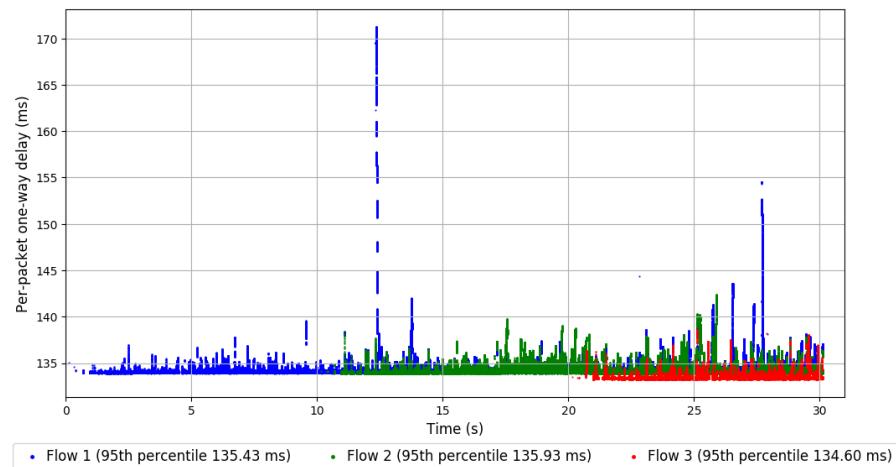
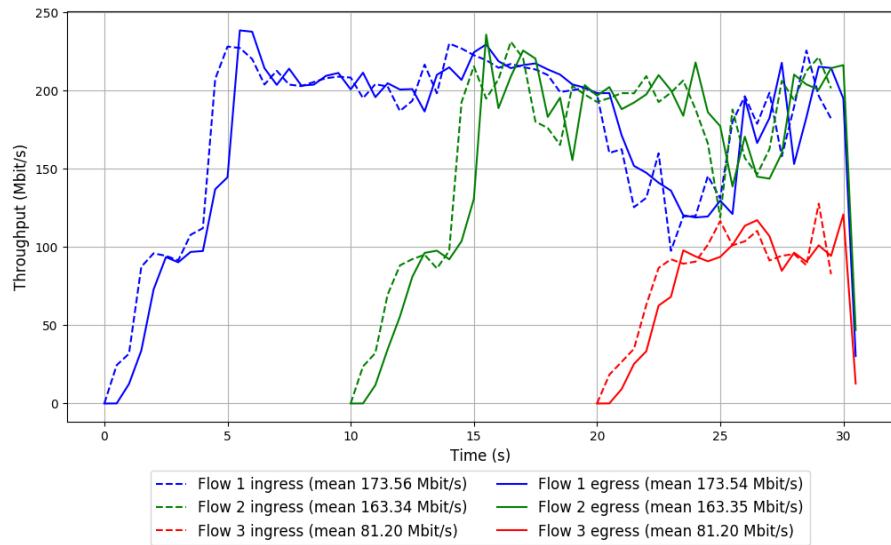


Run 1: Statistics of TaoVA-100x

```
Start at: 2020-02-18 15:37:54
End at: 2020-02-18 15:38:24
Local clock offset: -0.114 ms
Remote clock offset: -0.145 ms

# Below is generated by plot.py at 2020-02-18 21:20:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 309.29 Mbit/s
95th percentile per-packet one-way delay: 135.567 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 173.54 Mbit/s
95th percentile per-packet one-way delay: 135.426 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 163.35 Mbit/s
95th percentile per-packet one-way delay: 135.933 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 81.20 Mbit/s
95th percentile per-packet one-way delay: 134.602 ms
Loss rate: 0.00%
```

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

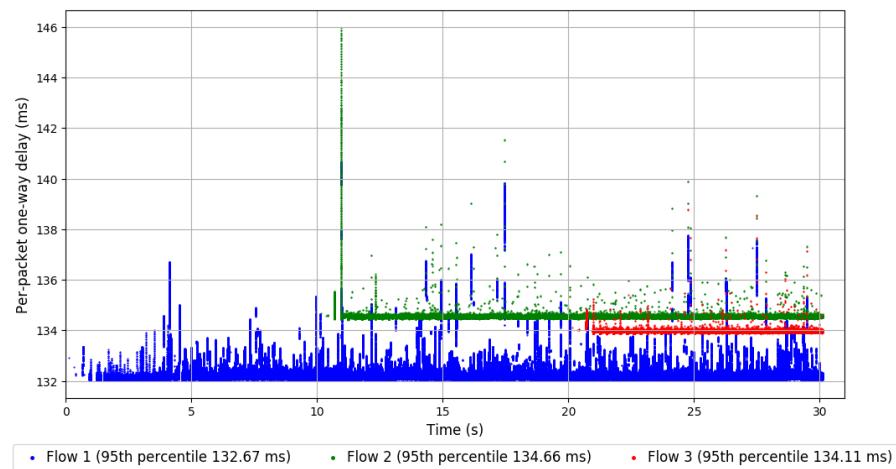
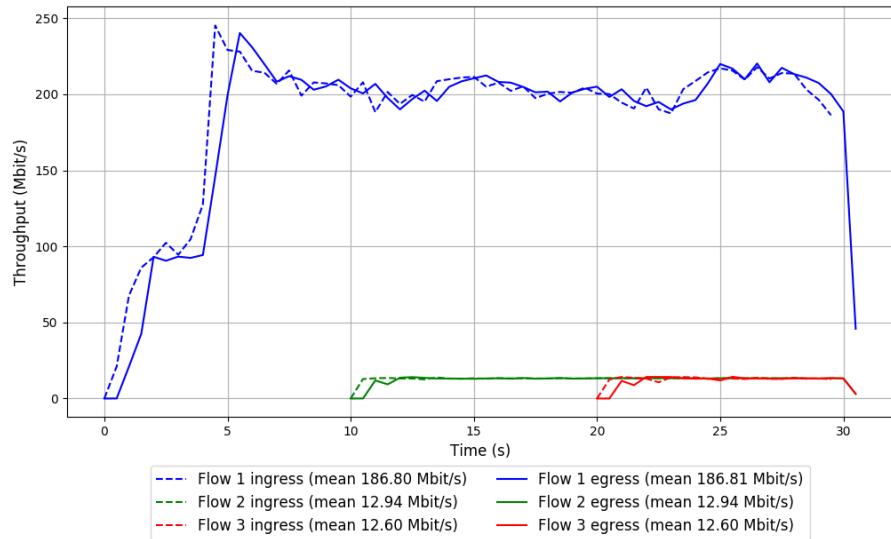


Run 2: Statistics of TaoVA-100x

```
Start at: 2020-02-18 16:20:41
End at: 2020-02-18 16:21:11
Local clock offset: -0.052 ms
Remote clock offset: -0.008 ms

# Below is generated by plot.py at 2020-02-18 21:20:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 199.60 Mbit/s
95th percentile per-packet one-way delay: 134.462 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 186.81 Mbit/s
95th percentile per-packet one-way delay: 132.673 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 12.94 Mbit/s
95th percentile per-packet one-way delay: 134.662 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.60 Mbit/s
95th percentile per-packet one-way delay: 134.109 ms
Loss rate: 0.00%
```

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

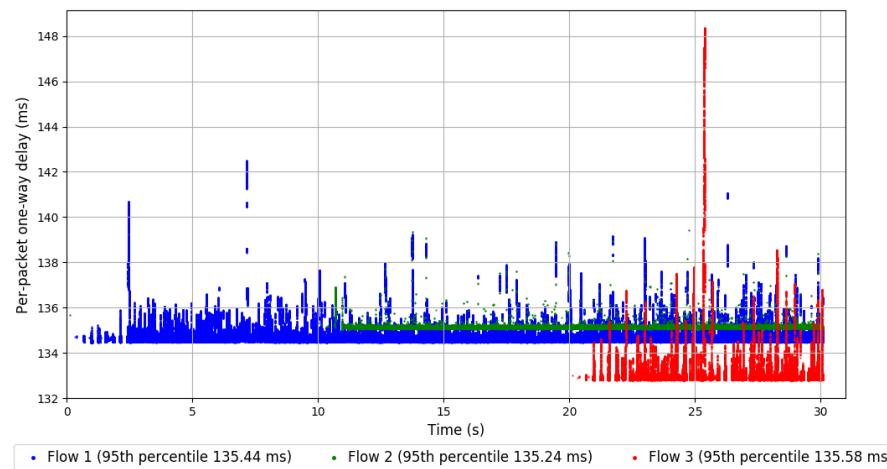
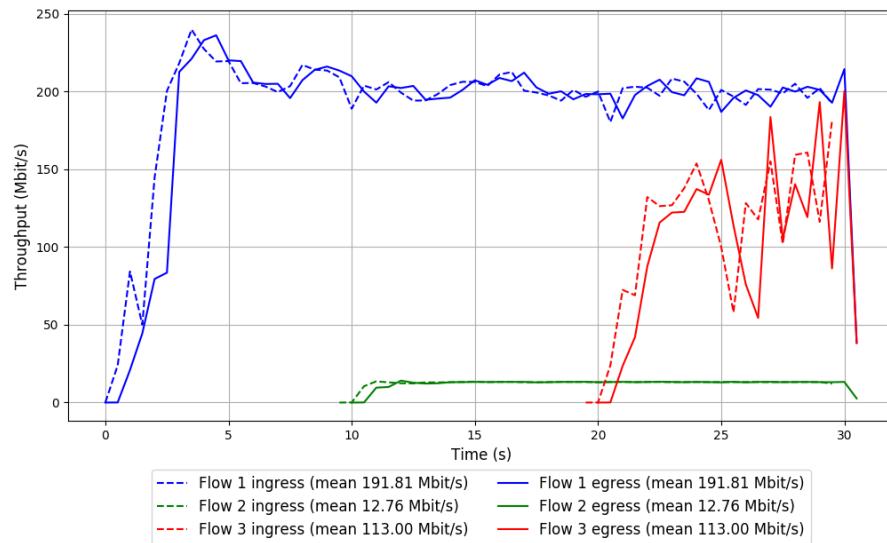


Run 3: Statistics of TaoVA-100x

```
Start at: 2020-02-18 17:02:24
End at: 2020-02-18 17:02:54
Local clock offset: -0.12 ms
Remote clock offset: -0.134 ms

# Below is generated by plot.py at 2020-02-18 21:20:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 237.89 Mbit/s
95th percentile per-packet one-way delay: 135.432 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 191.81 Mbit/s
95th percentile per-packet one-way delay: 135.437 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 12.76 Mbit/s
95th percentile per-packet one-way delay: 135.240 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 113.00 Mbit/s
95th percentile per-packet one-way delay: 135.582 ms
Loss rate: 0.00%
```

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

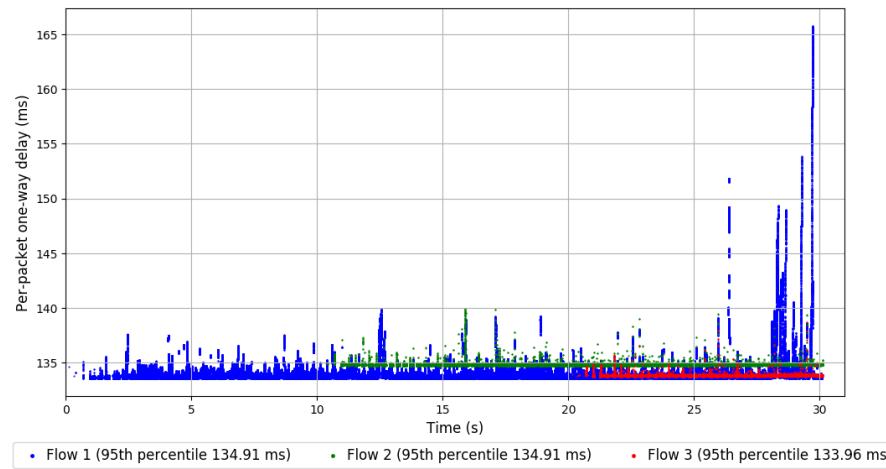
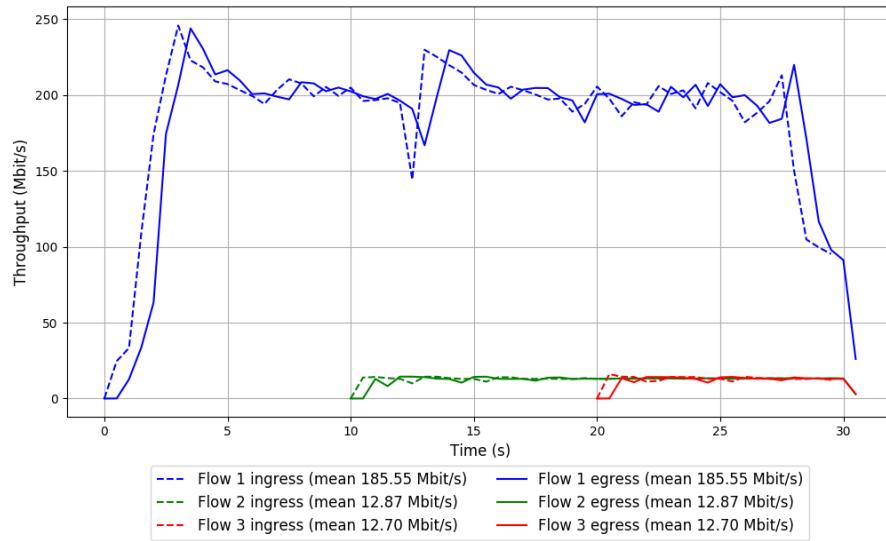


Run 4: Statistics of TaoVA-100x

```
Start at: 2020-02-18 17:44:25
End at: 2020-02-18 17:44:55
Local clock offset: 0.286 ms
Remote clock offset: -0.095 ms

# Below is generated by plot.py at 2020-02-18 21:20:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 198.12 Mbit/s
95th percentile per-packet one-way delay: 134.894 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 185.55 Mbit/s
95th percentile per-packet one-way delay: 134.907 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 12.87 Mbit/s
95th percentile per-packet one-way delay: 134.914 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.70 Mbit/s
95th percentile per-packet one-way delay: 133.956 ms
Loss rate: 0.00%
```

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

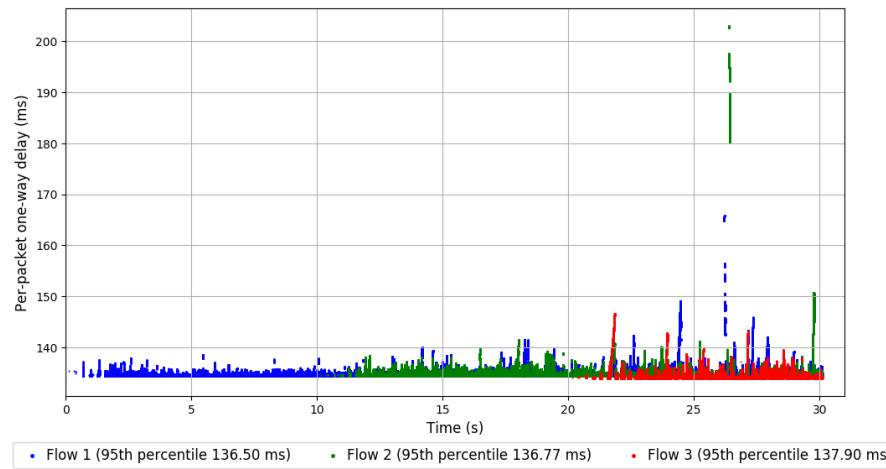
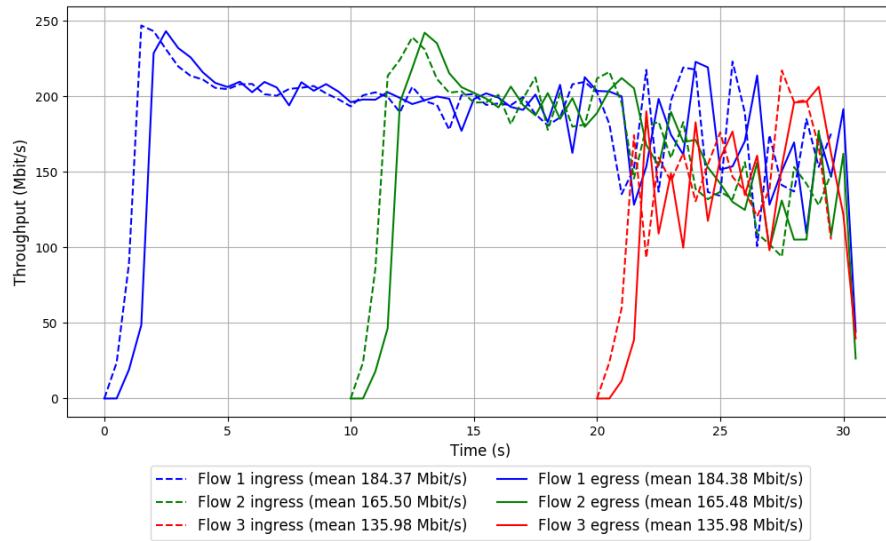


Run 5: Statistics of TaoVA-100x

```
Start at: 2020-02-18 18:26:23
End at: 2020-02-18 18:26:53
Local clock offset: -0.172 ms
Remote clock offset: -0.076 ms

# Below is generated by plot.py at 2020-02-18 21:23:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 339.69 Mbit/s
95th percentile per-packet one-way delay: 136.771 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 184.38 Mbit/s
95th percentile per-packet one-way delay: 136.500 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 165.48 Mbit/s
95th percentile per-packet one-way delay: 136.769 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 135.98 Mbit/s
95th percentile per-packet one-way delay: 137.903 ms
Loss rate: 0.00%
```

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

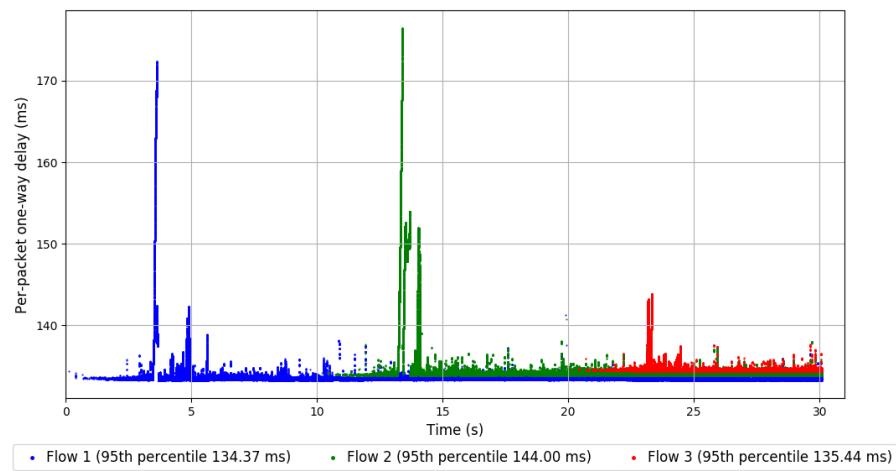
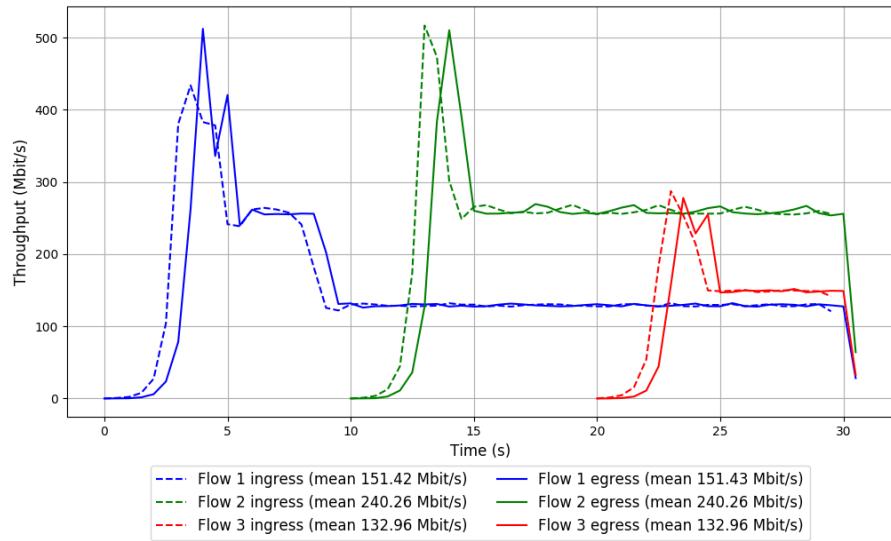


Run 1: Statistics of TCP Vegas

```
Start at: 2020-02-18 15:39:49
End at: 2020-02-18 15:40:19
Local clock offset: -0.088 ms
Remote clock offset: -0.146 ms

# Below is generated by plot.py at 2020-02-18 21:23:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 355.13 Mbit/s
95th percentile per-packet one-way delay: 135.605 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 151.43 Mbit/s
95th percentile per-packet one-way delay: 134.367 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 240.26 Mbit/s
95th percentile per-packet one-way delay: 143.998 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 132.96 Mbit/s
95th percentile per-packet one-way delay: 135.443 ms
Loss rate: 0.01%
```

Run 1: Report of TCP Vegas — Data Link

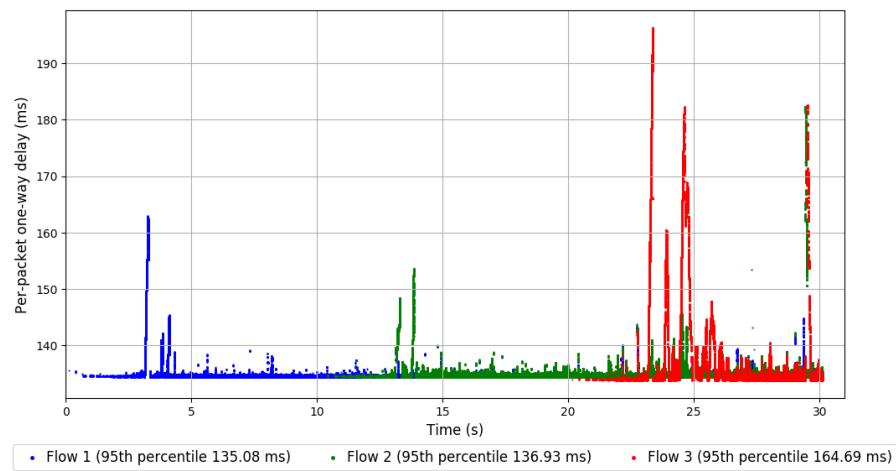
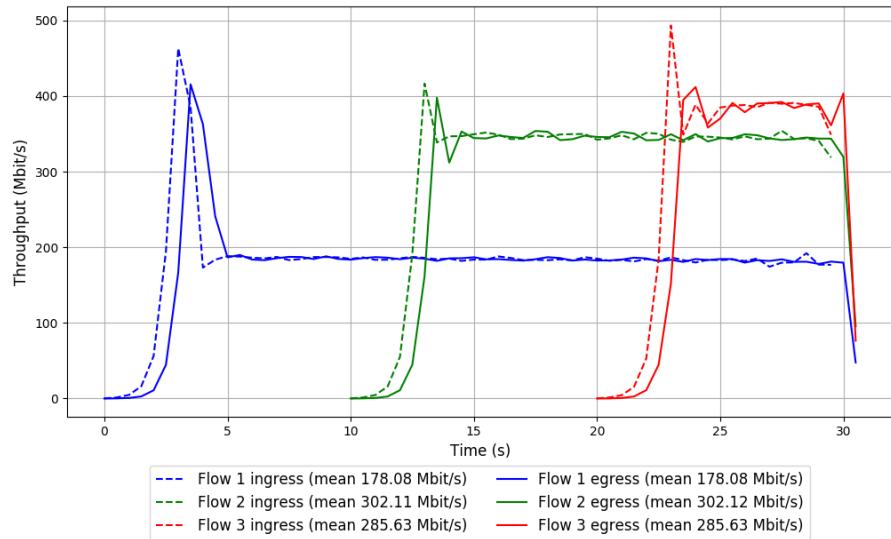


Run 2: Statistics of TCP Vegas

```
Start at: 2020-02-18 16:22:24
End at: 2020-02-18 16:22:54
Local clock offset: -0.056 ms
Remote clock offset: -0.027 ms

# Below is generated by plot.py at 2020-02-18 21:25:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 474.28 Mbit/s
95th percentile per-packet one-way delay: 140.685 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 178.08 Mbit/s
95th percentile per-packet one-way delay: 135.079 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 302.12 Mbit/s
95th percentile per-packet one-way delay: 136.931 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 285.63 Mbit/s
95th percentile per-packet one-way delay: 164.685 ms
Loss rate: 0.00%
```

Run 2: Report of TCP Vegas — Data Link

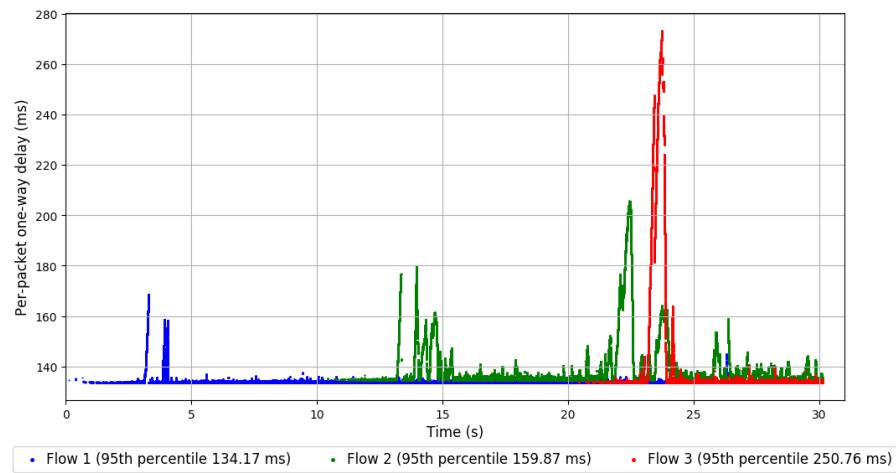
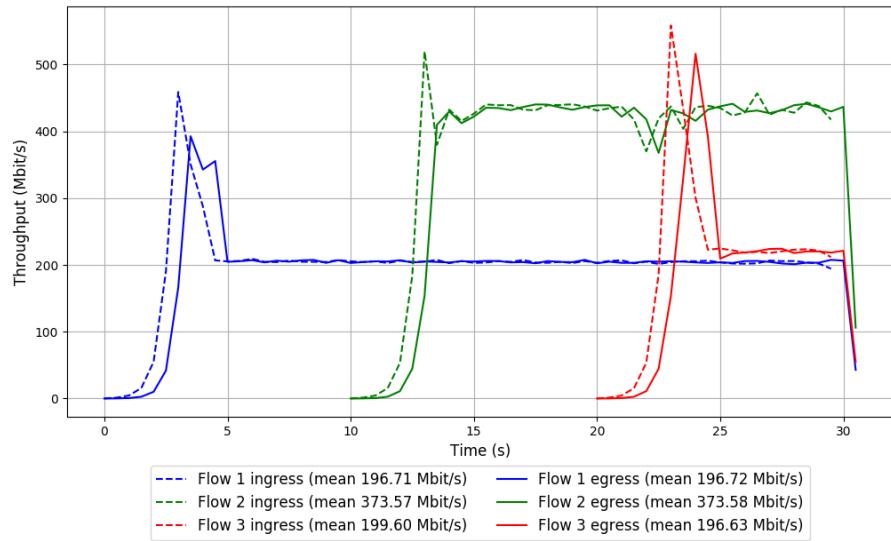


Run 3: Statistics of TCP Vegas

```
Start at: 2020-02-18 17:04:11
End at: 2020-02-18 17:04:41
Local clock offset: 0.223 ms
Remote clock offset: -0.164 ms

# Below is generated by plot.py at 2020-02-18 21:28:44
# Datalink statistics
-- Total of 3 flows:
Average throughput: 510.88 Mbit/s
95th percentile per-packet one-way delay: 159.088 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 196.72 Mbit/s
95th percentile per-packet one-way delay: 134.167 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 373.58 Mbit/s
95th percentile per-packet one-way delay: 159.867 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 196.63 Mbit/s
95th percentile per-packet one-way delay: 250.760 ms
Loss rate: 1.49%
```

Run 3: Report of TCP Vegas — Data Link

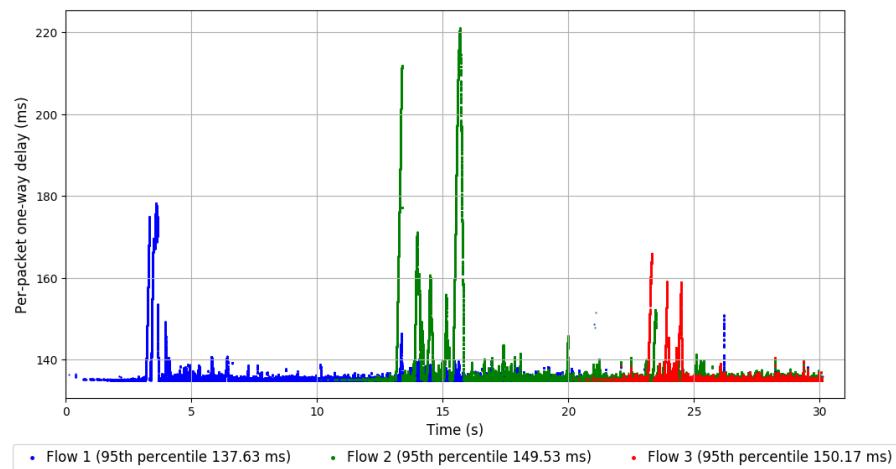
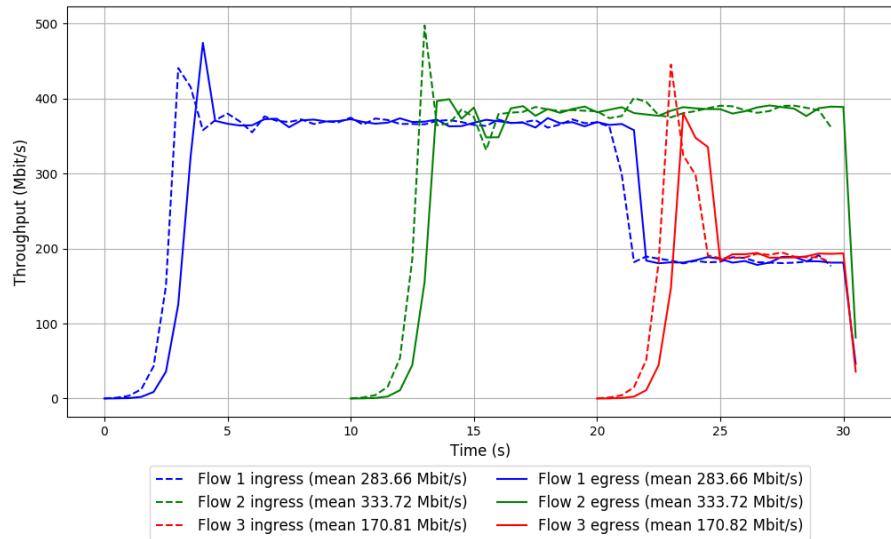


Run 4: Statistics of TCP Vegas

```
Start at: 2020-02-18 17:46:08
End at: 2020-02-18 17:46:38
Local clock offset: -0.062 ms
Remote clock offset: -0.156 ms

# Below is generated by plot.py at 2020-02-18 21:31:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 562.67 Mbit/s
95th percentile per-packet one-way delay: 142.423 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 283.66 Mbit/s
95th percentile per-packet one-way delay: 137.635 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 333.72 Mbit/s
95th percentile per-packet one-way delay: 149.528 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 170.82 Mbit/s
95th percentile per-packet one-way delay: 150.172 ms
Loss rate: 0.01%
```

Run 4: Report of TCP Vegas — Data Link

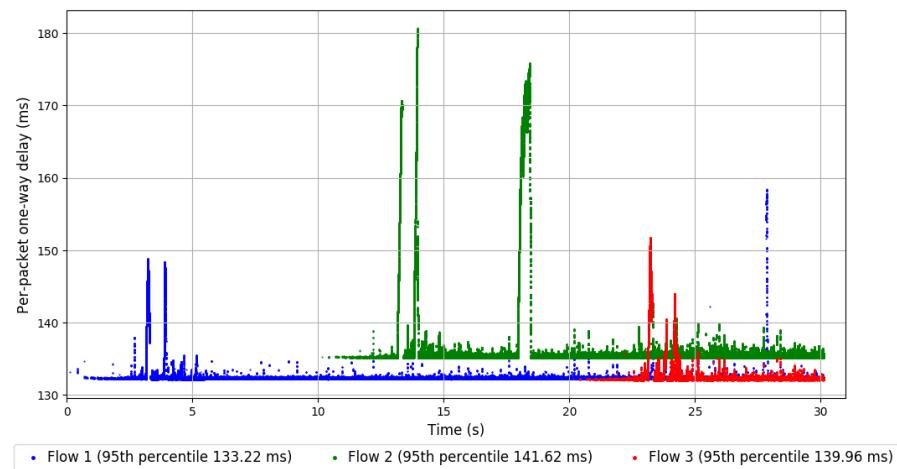
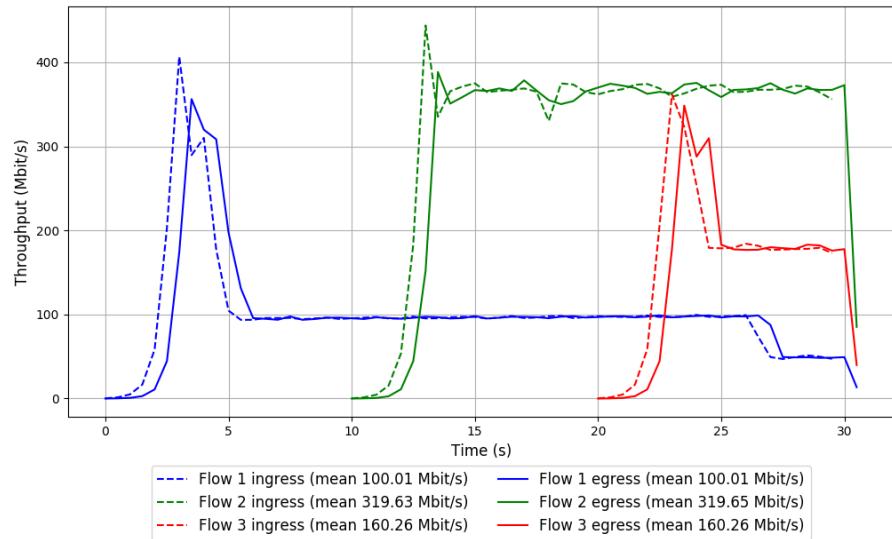


Run 5: Statistics of TCP Vegas

```
Start at: 2020-02-18 18:28:23
End at: 2020-02-18 18:28:53
Local clock offset: -0.137 ms
Remote clock offset: -0.049 ms

# Below is generated by plot.py at 2020-02-18 21:31:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 366.13 Mbit/s
95th percentile per-packet one-way delay: 138.235 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 100.01 Mbit/s
95th percentile per-packet one-way delay: 133.221 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 319.65 Mbit/s
95th percentile per-packet one-way delay: 141.620 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 160.26 Mbit/s
95th percentile per-packet one-way delay: 139.963 ms
Loss rate: 0.00%
```

Run 5: Report of TCP Vegas — Data Link

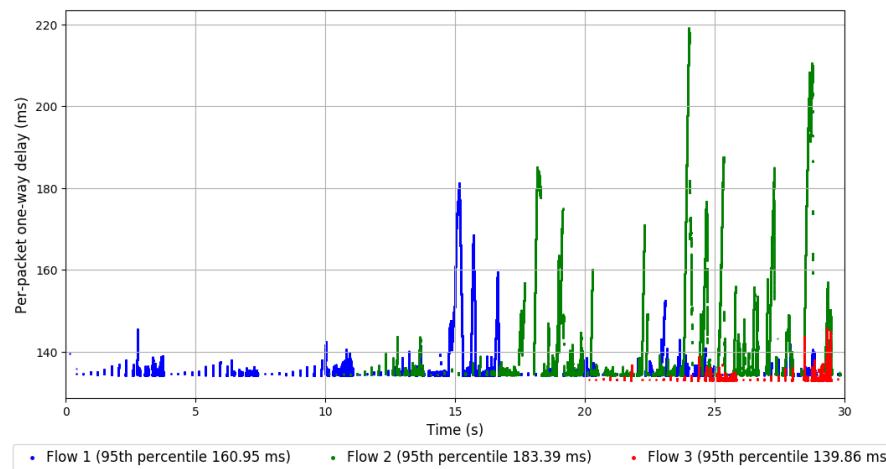
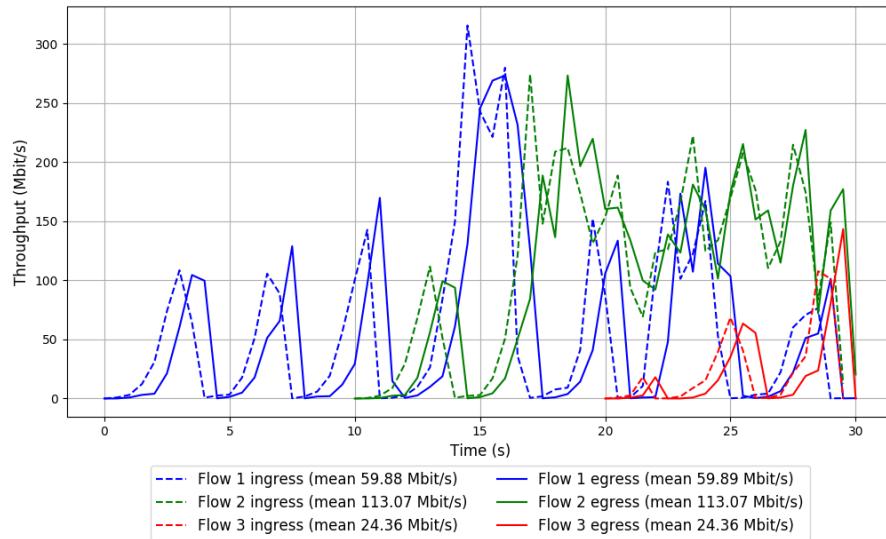


Run 1: Statistics of Verus

```
Start at: 2020-02-18 15:17:25
End at: 2020-02-18 15:17:55
Local clock offset: -0.06 ms
Remote clock offset: -0.152 ms

# Below is generated by plot.py at 2020-02-18 21:31:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 142.50 Mbit/s
95th percentile per-packet one-way delay: 176.882 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.89 Mbit/s
95th percentile per-packet one-way delay: 160.949 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 113.07 Mbit/s
95th percentile per-packet one-way delay: 183.389 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 24.36 Mbit/s
95th percentile per-packet one-way delay: 139.864 ms
Loss rate: 0.00%
```

Run 1: Report of Verus — Data Link

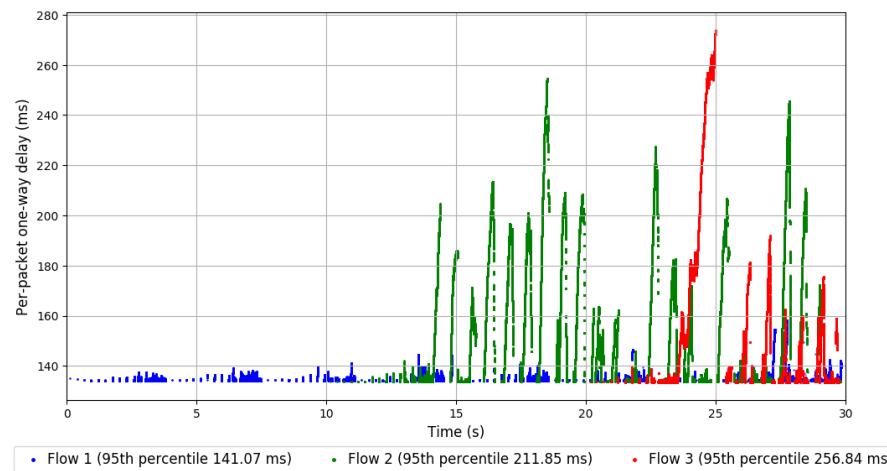
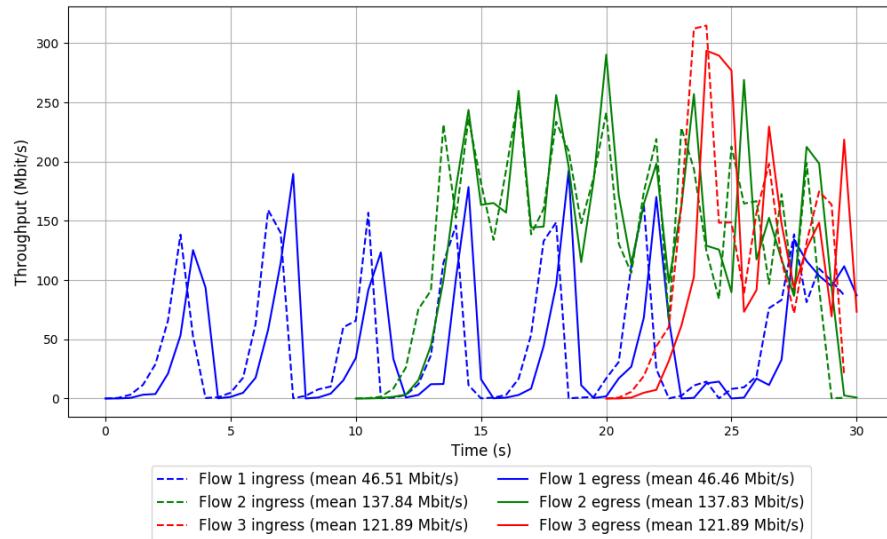


Run 2: Statistics of Verus

```
Start at: 2020-02-18 15:59:45
End at: 2020-02-18 16:00:15
Local clock offset: 0.295 ms
Remote clock offset: 0.007 ms

# Below is generated by plot.py at 2020-02-18 21:31:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 177.21 Mbit/s
95th percentile per-packet one-way delay: 217.632 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 46.46 Mbit/s
95th percentile per-packet one-way delay: 141.071 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 137.83 Mbit/s
95th percentile per-packet one-way delay: 211.849 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 121.89 Mbit/s
95th percentile per-packet one-way delay: 256.839 ms
Loss rate: 0.00%
```

Run 2: Report of Verus — Data Link

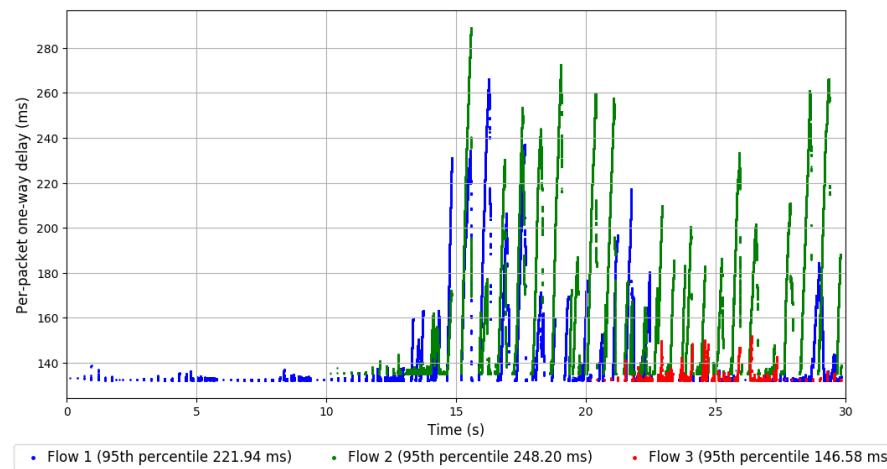
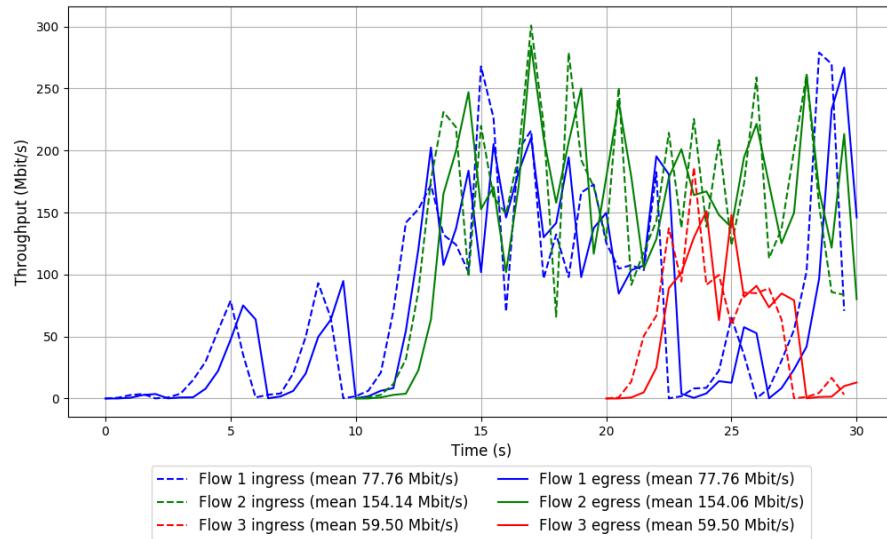


Run 3: Statistics of Verus

```
Start at: 2020-02-18 16:41:43
End at: 2020-02-18 16:42:13
Local clock offset: -0.052 ms
Remote clock offset: -0.069 ms

# Below is generated by plot.py at 2020-02-18 21:31:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 199.25 Mbit/s
95th percentile per-packet one-way delay: 236.946 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 77.76 Mbit/s
95th percentile per-packet one-way delay: 221.941 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 154.06 Mbit/s
95th percentile per-packet one-way delay: 248.204 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 59.50 Mbit/s
95th percentile per-packet one-way delay: 146.583 ms
Loss rate: 0.00%
```

Run 3: Report of Verus — Data Link

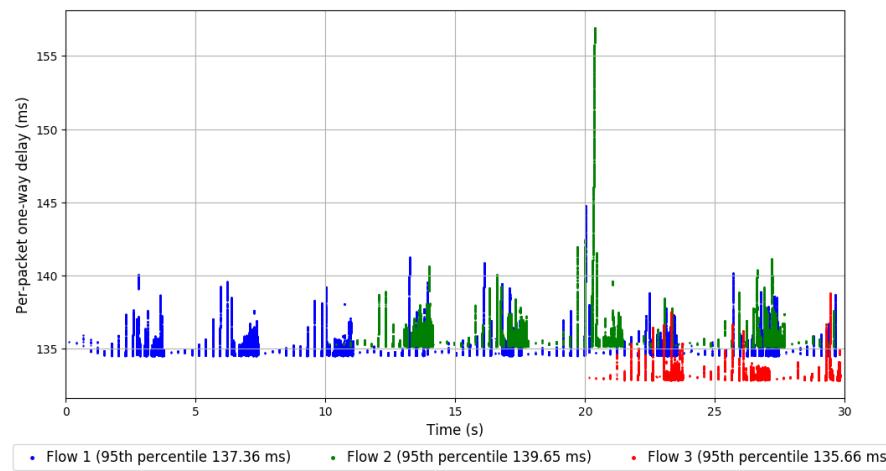
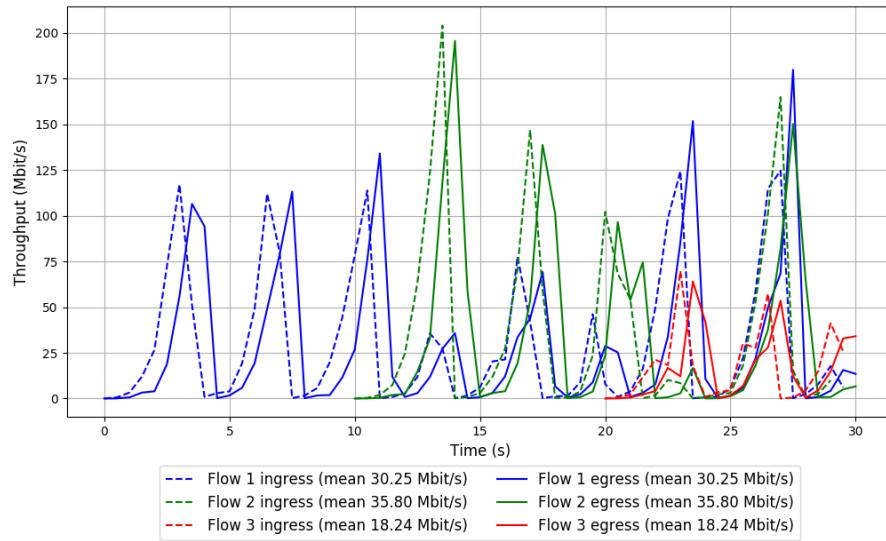


Run 4: Statistics of Verus

```
Start at: 2020-02-18 17:23:59
End at: 2020-02-18 17:24:29
Local clock offset: -0.178 ms
Remote clock offset: -0.155 ms

# Below is generated by plot.py at 2020-02-18 21:31:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 59.45 Mbit/s
95th percentile per-packet one-way delay: 137.948 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 30.25 Mbit/s
95th percentile per-packet one-way delay: 137.362 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.80 Mbit/s
95th percentile per-packet one-way delay: 139.653 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 18.24 Mbit/s
95th percentile per-packet one-way delay: 135.665 ms
Loss rate: 0.00%
```

Run 4: Report of Verus — Data Link

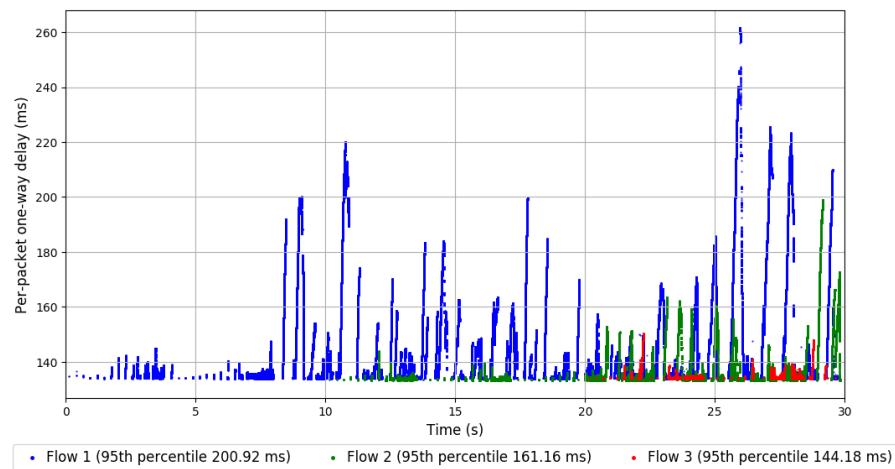
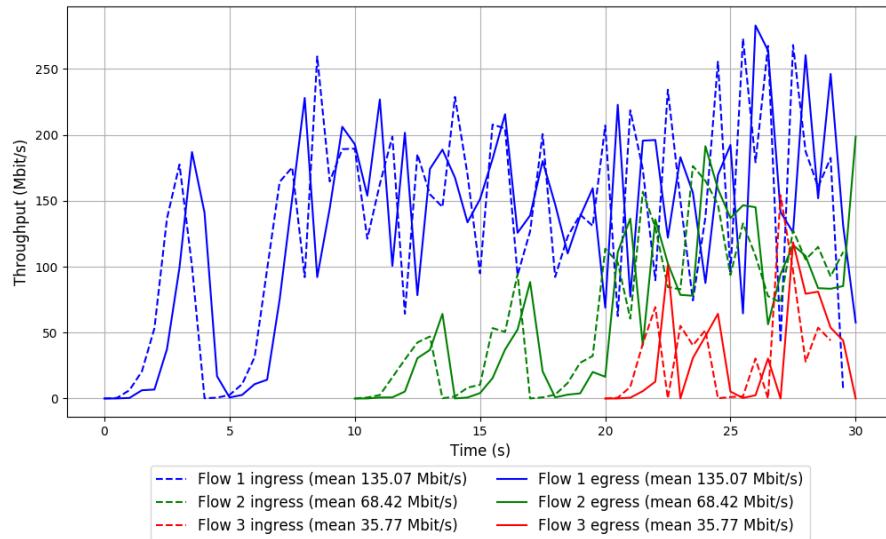


Run 5: Statistics of Verus

```
Start at: 2020-02-18 18:05:51
End at: 2020-02-18 18:06:21
Local clock offset: -0.121 ms
Remote clock offset: -0.099 ms

# Below is generated by plot.py at 2020-02-18 21:33:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 191.23 Mbit/s
95th percentile per-packet one-way delay: 195.307 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 135.07 Mbit/s
95th percentile per-packet one-way delay: 200.923 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 68.42 Mbit/s
95th percentile per-packet one-way delay: 161.163 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 35.77 Mbit/s
95th percentile per-packet one-way delay: 144.182 ms
Loss rate: 0.00%
```

Run 5: Report of Verus — Data Link

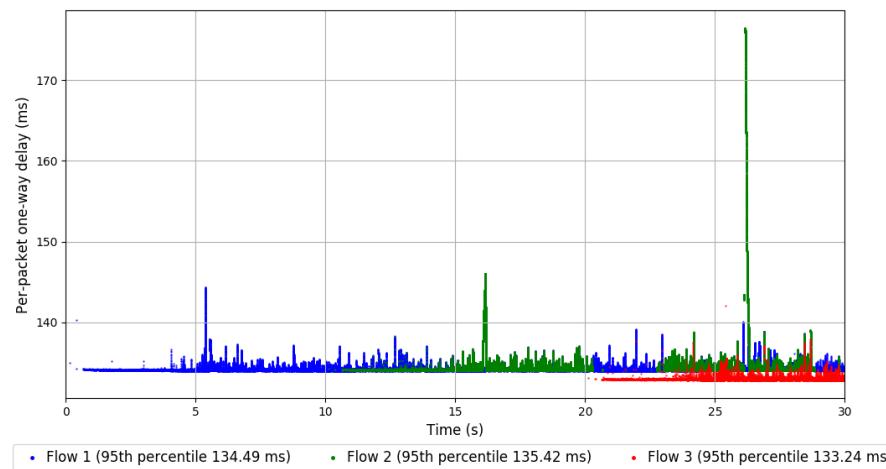
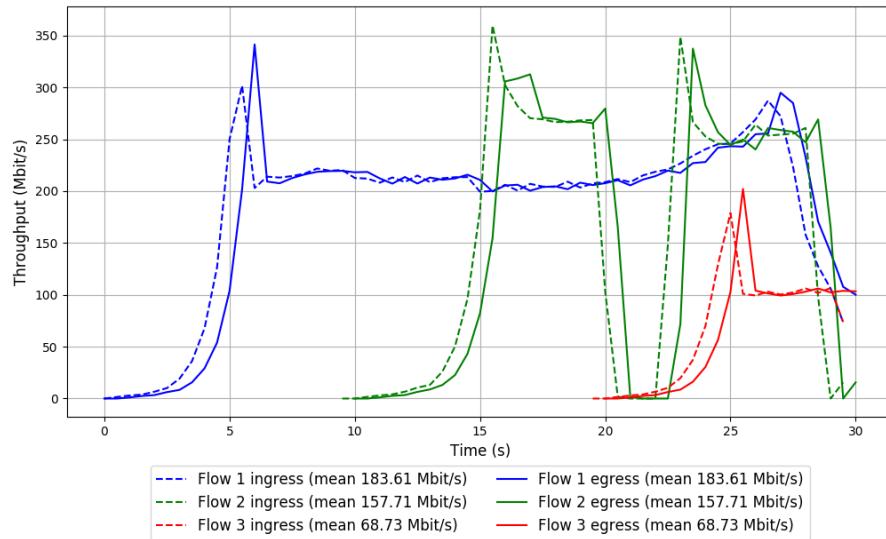


Run 1: Statistics of PCC-Vivace

```
Start at: 2020-02-18 15:29:00
End at: 2020-02-18 15:29:30
Local clock offset: -0.154 ms
Remote clock offset: -0.107 ms

# Below is generated by plot.py at 2020-02-18 21:33:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 310.32 Mbit/s
95th percentile per-packet one-way delay: 134.740 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 183.61 Mbit/s
95th percentile per-packet one-way delay: 134.487 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 157.71 Mbit/s
95th percentile per-packet one-way delay: 135.422 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 68.73 Mbit/s
95th percentile per-packet one-way delay: 133.244 ms
Loss rate: 0.01%
```

Run 1: Report of PCC-Vivace — Data Link

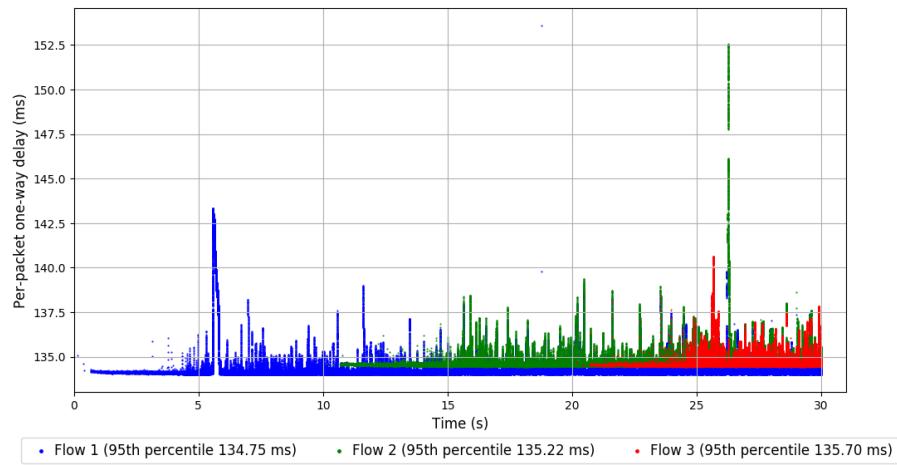
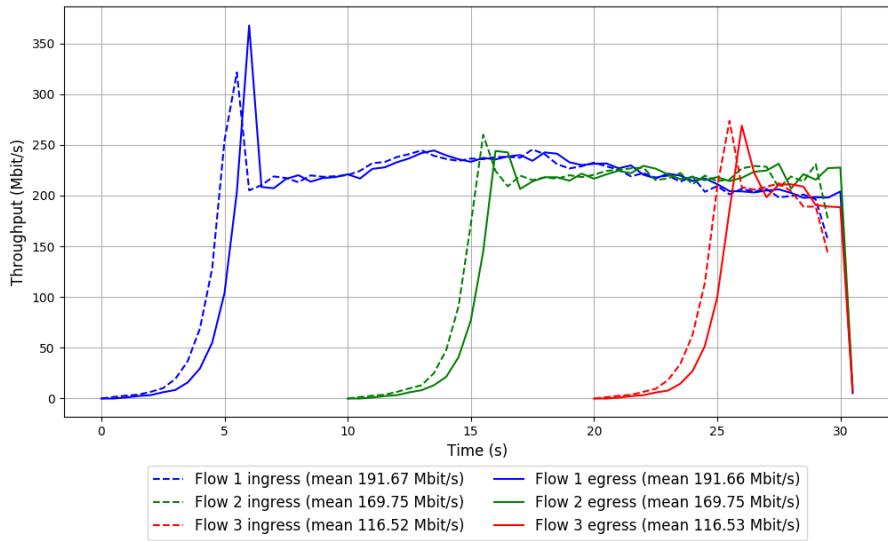


Run 2: Statistics of PCC-Vivace

```
Start at: 2020-02-18 16:11:40
End at: 2020-02-18 16:12:10
Local clock offset: -0.066 ms
Remote clock offset: 0.016 ms

# Below is generated by plot.py at 2020-02-18 21:34:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 342.91 Mbit/s
95th percentile per-packet one-way delay: 135.131 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 191.66 Mbit/s
95th percentile per-packet one-way delay: 134.751 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 169.75 Mbit/s
95th percentile per-packet one-way delay: 135.221 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 116.53 Mbit/s
95th percentile per-packet one-way delay: 135.697 ms
Loss rate: 0.01%
```

Run 2: Report of PCC-Vivace — Data Link

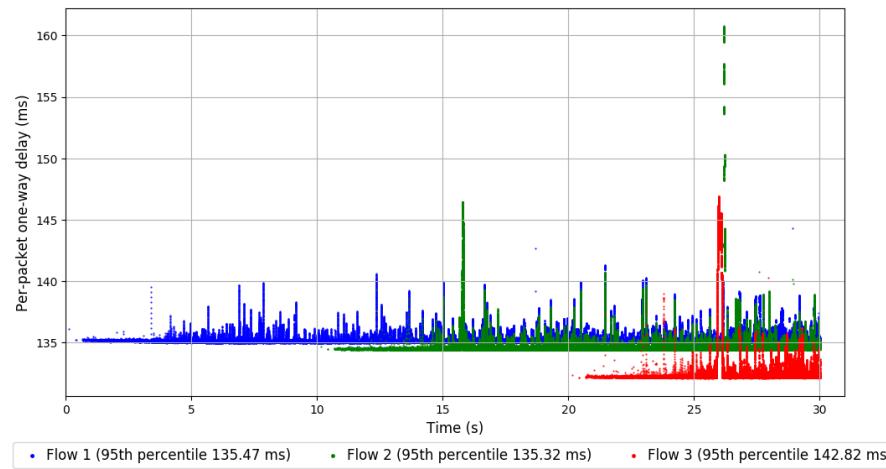
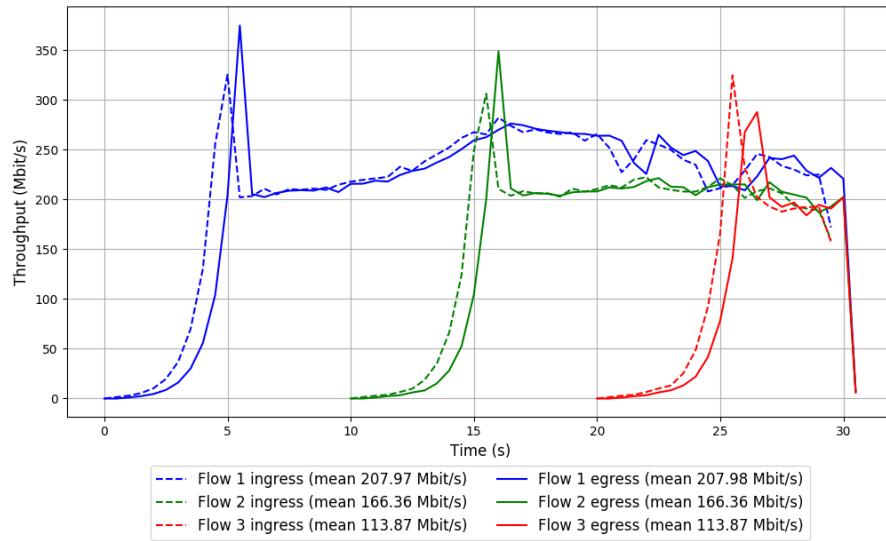


Run 3: Statistics of PCC-Vivace

```
Start at: 2020-02-18 16:53:30
End at: 2020-02-18 16:54:00
Local clock offset: -0.064 ms
Remote clock offset: -0.151 ms

# Below is generated by plot.py at 2020-02-18 21:34:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 356.11 Mbit/s
95th percentile per-packet one-way delay: 135.488 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 207.98 Mbit/s
95th percentile per-packet one-way delay: 135.475 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 166.36 Mbit/s
95th percentile per-packet one-way delay: 135.322 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 113.87 Mbit/s
95th percentile per-packet one-way delay: 142.825 ms
Loss rate: 0.00%
```

Run 3: Report of PCC-Vivace — Data Link

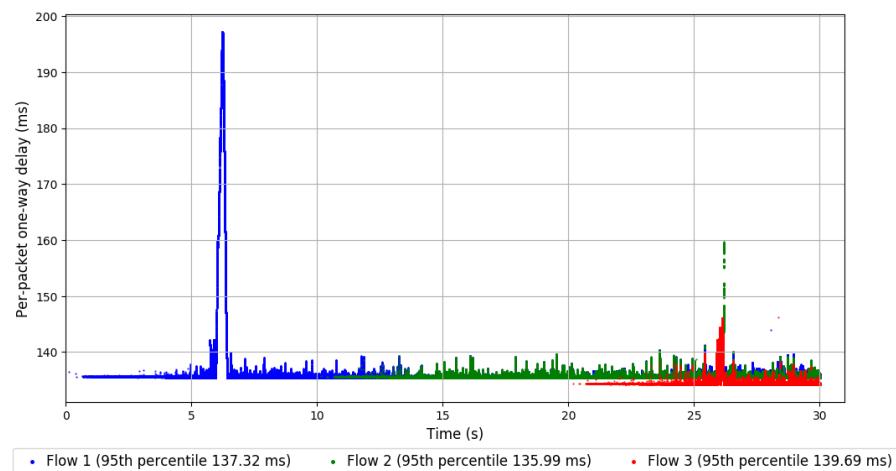
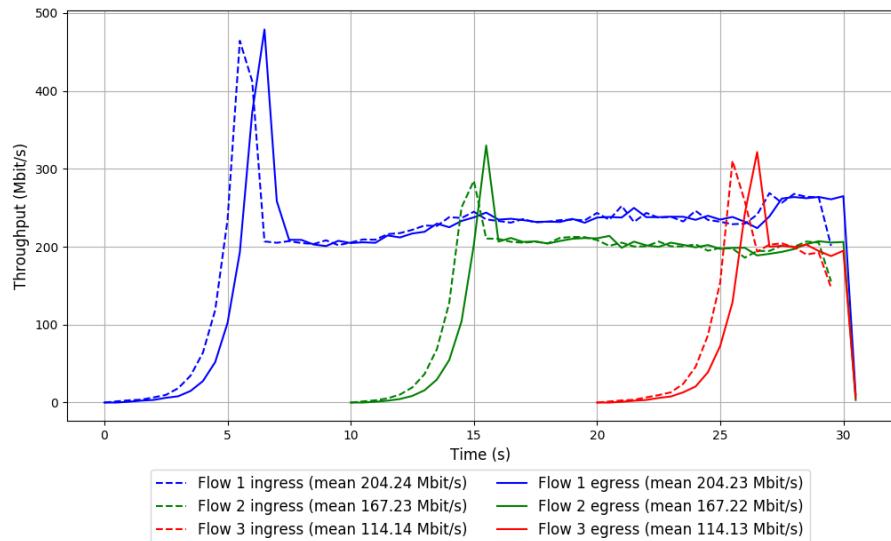


Run 4: Statistics of PCC-Vivace

```
Start at: 2020-02-18 17:35:23
End at: 2020-02-18 17:35:53
Local clock offset: -0.091 ms
Remote clock offset: 0.233 ms

# Below is generated by plot.py at 2020-02-18 21:34:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 352.97 Mbit/s
95th percentile per-packet one-way delay: 136.713 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 204.23 Mbit/s
95th percentile per-packet one-way delay: 137.319 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 167.22 Mbit/s
95th percentile per-packet one-way delay: 135.993 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 114.13 Mbit/s
95th percentile per-packet one-way delay: 139.685 ms
Loss rate: 0.02%
```

Run 4: Report of PCC-Vivace — Data Link

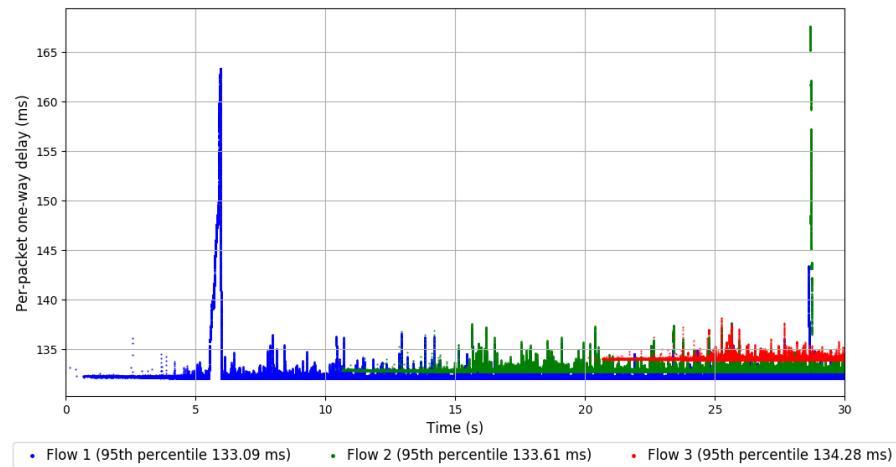
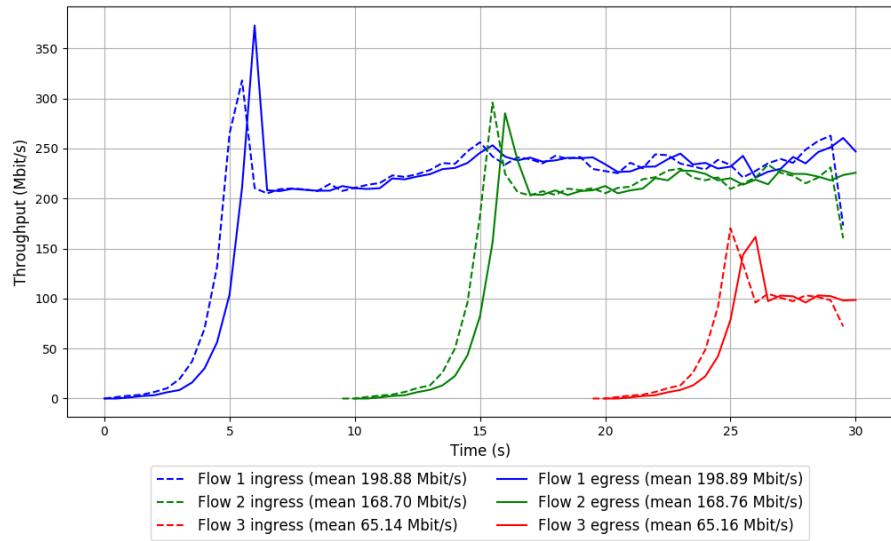


Run 5: Statistics of PCC-Vivace

```
Start at: 2020-02-18 18:17:22
End at: 2020-02-18 18:17:52
Local clock offset: -0.14 ms
Remote clock offset: -0.058 ms

# Below is generated by plot.py at 2020-02-18 21:34:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 332.71 Mbit/s
95th percentile per-packet one-way delay: 134.018 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 198.89 Mbit/s
95th percentile per-packet one-way delay: 133.094 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 168.76 Mbit/s
95th percentile per-packet one-way delay: 133.608 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 65.16 Mbit/s
95th percentile per-packet one-way delay: 134.280 ms
Loss rate: 0.00%
```

Run 5: Report of PCC-Vivace — Data Link



Run 1: Statistics of WebRTC media

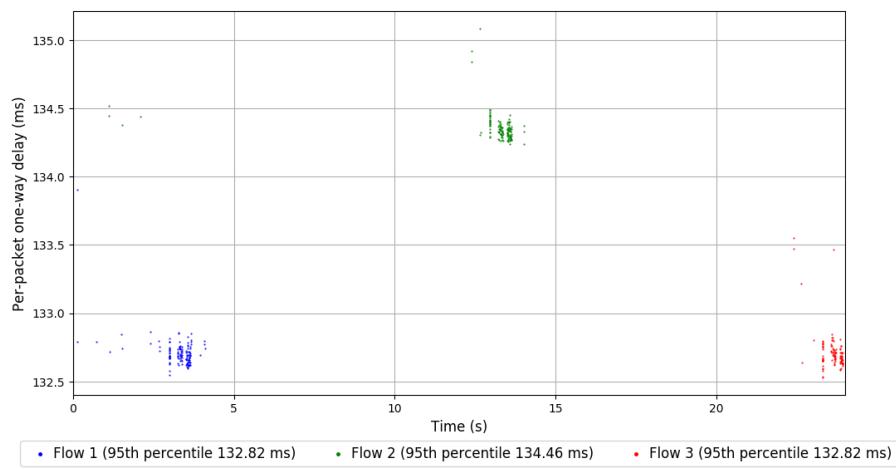
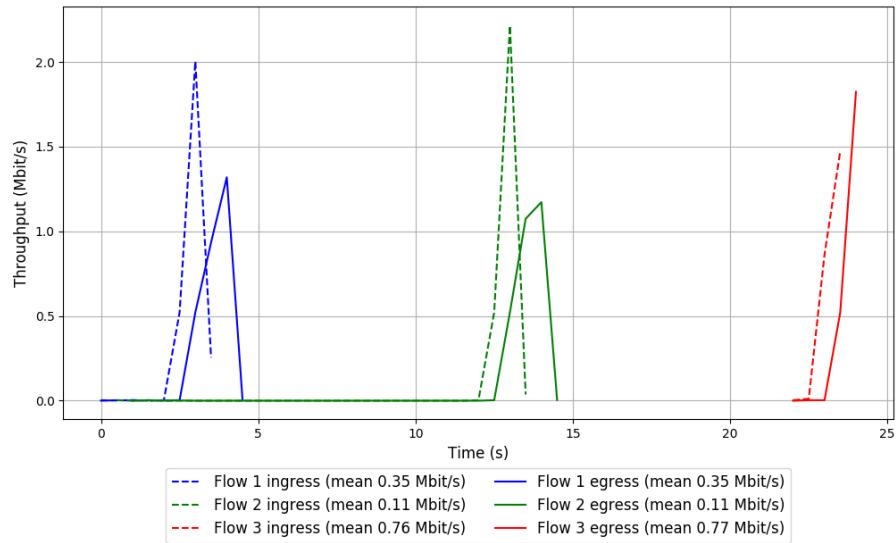
Start at: 2020-02-18 15:34:45

End at: 2020-02-18 15:35:15

Local clock offset: 0.171 ms

Remote clock offset: -0.109 ms

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

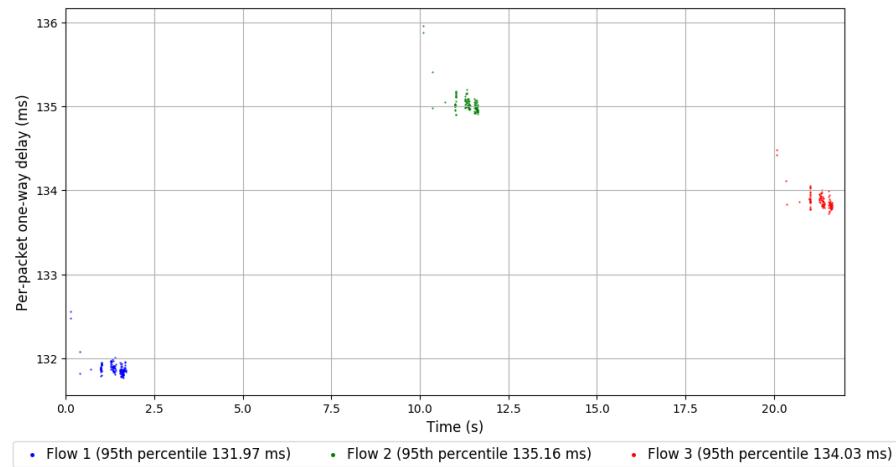
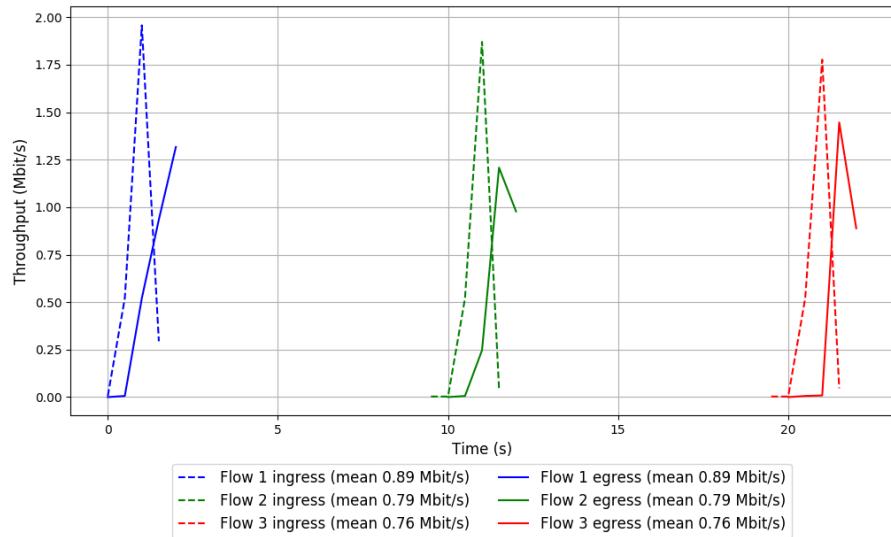
Start at: 2020-02-18 16:17:33

End at: 2020-02-18 16:18:03

Local clock offset: 0.259 ms

Remote clock offset: 0.015 ms

Run 2: Report of WebRTC media — Data Link

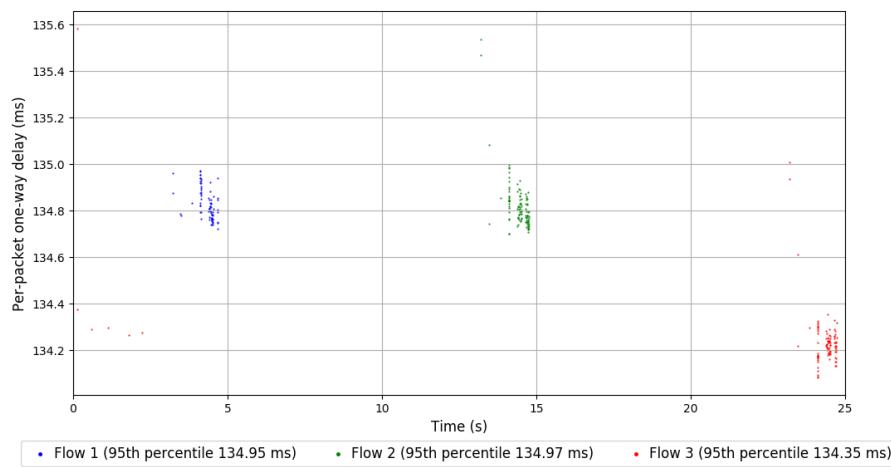
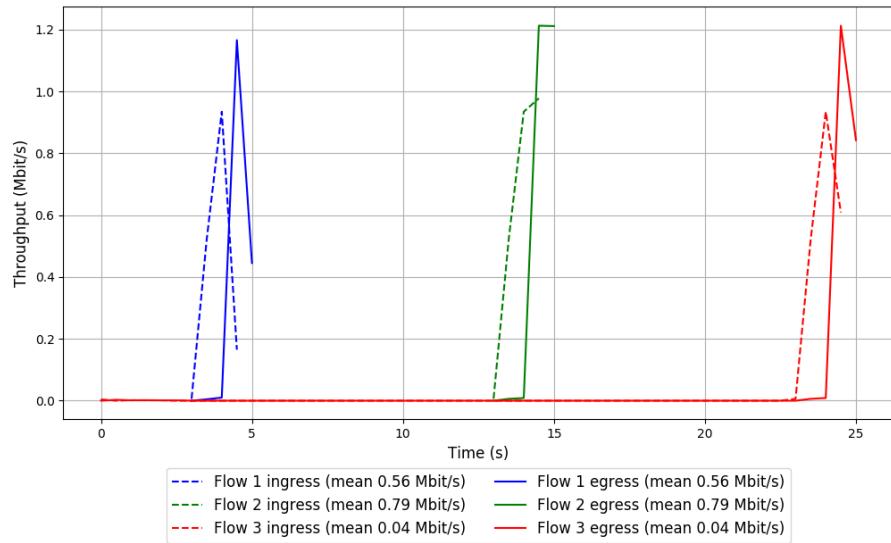


Run 3: Statistics of WebRTC media

```
Start at: 2020-02-18 16:59:15
End at: 2020-02-18 16:59:45
Local clock offset: 0.269 ms
Remote clock offset: -0.124 ms

# Below is generated by plot.py at 2020-02-18 21:34:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 134.939 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 134.952 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.79 Mbit/s
95th percentile per-packet one-way delay: 134.965 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 134.354 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

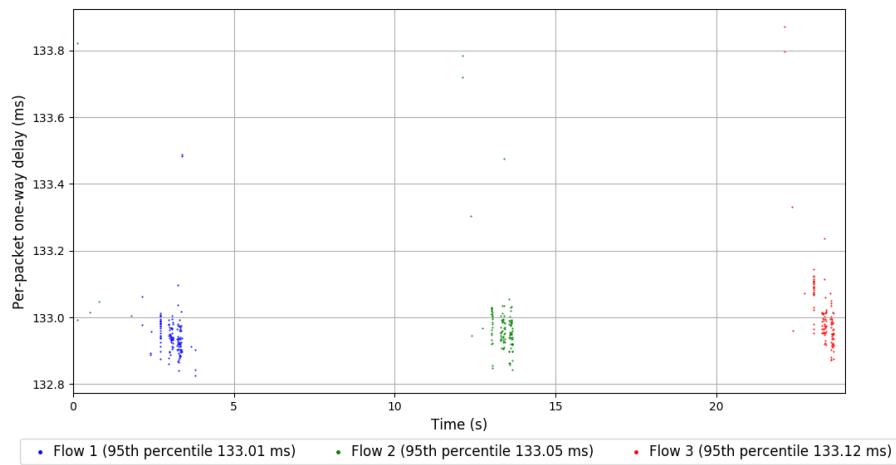
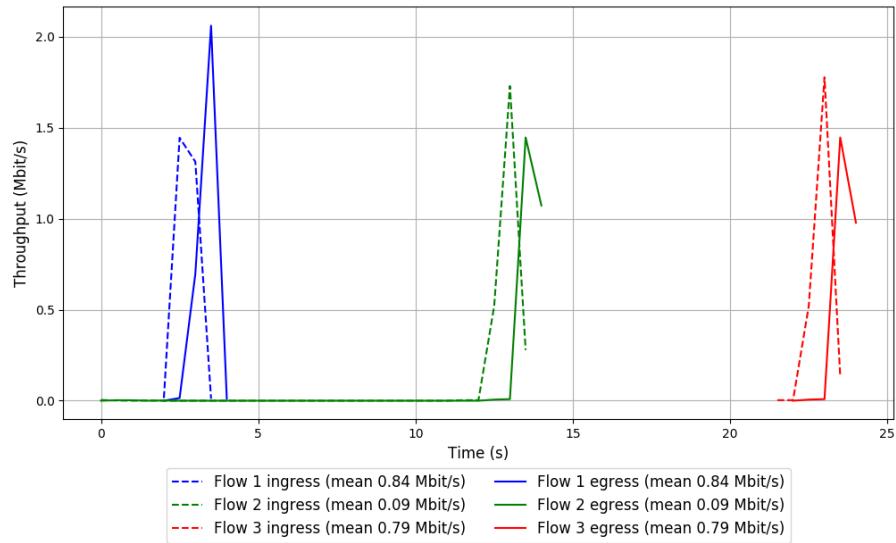
Start at: 2020-02-18 17:41:18

End at: 2020-02-18 17:41:48

Local clock offset: -0.082 ms

Remote clock offset: -0.103 ms

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2020-02-18 18:23:14

End at: 2020-02-18 18:23:44

Local clock offset: 0.209 ms

Remote clock offset: -0.061 ms

Run 5: Report of WebRTC media — Data Link

