

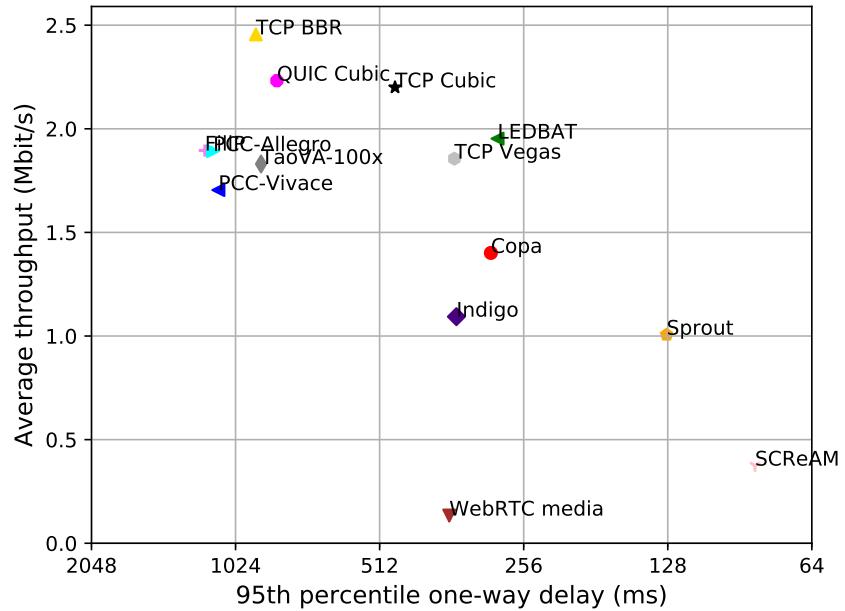
Pantheon Report

Generated at 2018-05-24 12:12:24 (UTC).
Data path: AWS India 1 Ethernet (*local*) → India ppp0 ppp0 (*remote*).
Repeated the test of 16 congestion control schemes 10 times.
Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).
NTP offsets were measured against nets.org.sg and have been applied to correct the timestamps in logs.

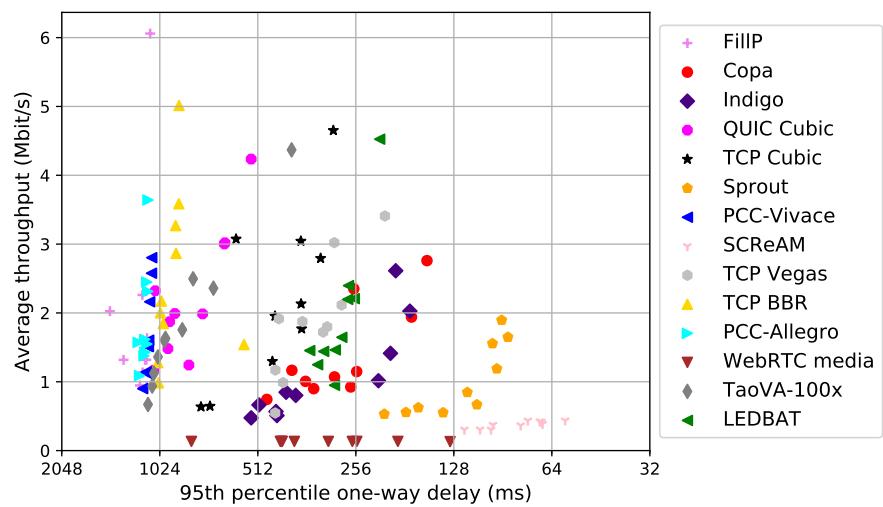
Git summary:

```
branch: master @ 0088822873ea99180f63545a341ef069f40efe59
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/genericCC @ c7966e494a929986eaa5a9c169a7f381fe1bbbe5
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
third_party/sprout @ c838669682f0c19f6baf92afc9a596a406d48c1f
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

test from AWS India 1 to India ppp0, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows (mean of all runs by scheme)



test from AWS India 1 to India ppp0, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows



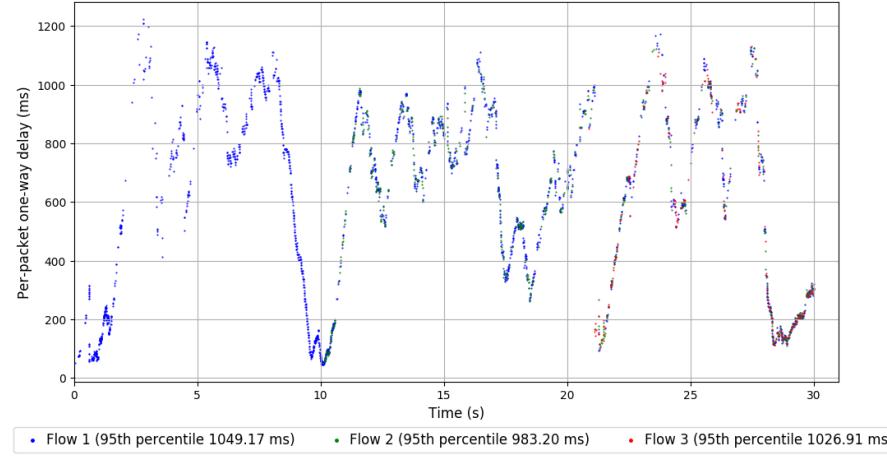
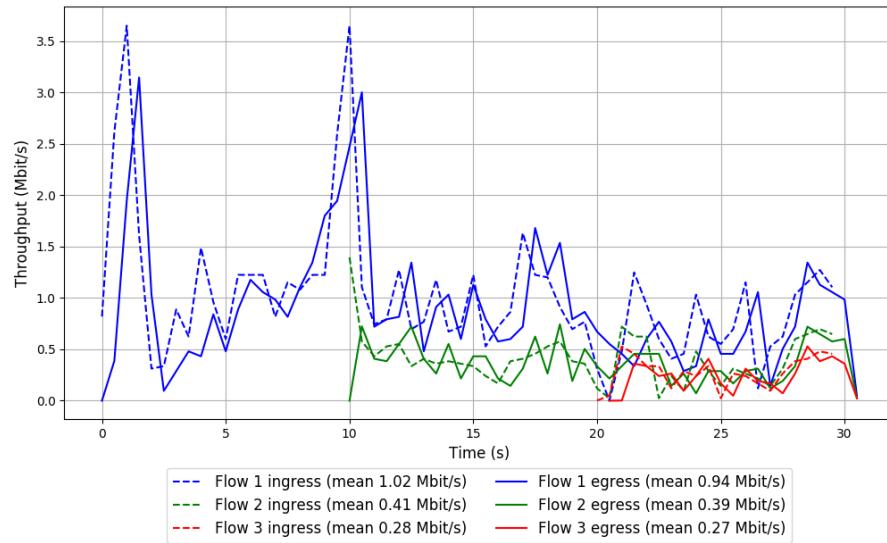
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	1.63	0.74	1.08	861.77	929.75	943.52	3.66	5.70	11.60
Copa	10	0.80	0.64	0.52	255.56	315.65	402.02	0.34	0.62	1.21
TCP Cubic	10	1.23	1.08	0.80	451.06	478.48	570.15	1.40	2.08	5.25
FillP	10	1.38	0.61	0.45	1135.93	1192.86	1230.19	68.21	53.61	66.53
Indigo	10	0.57	0.47	0.67	347.37	407.98	432.57	1.00	1.10	2.92
LEDBAT	10	1.22	0.86	0.52	287.72	300.55	327.58	0.62	1.00	2.28
PCC-Allegro	9	1.12	0.85	0.73	1120.75	1149.71	1163.65	46.87	80.88	88.84
PCC-Expr	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
QUIC Cubic	10	1.27	1.12	0.72	760.62	843.14	895.46	2.28	3.63	12.79
SCReAM	10	0.17	0.20	0.21	83.40	84.33	84.45	0.07	0.17	0.38
Sprout	10	0.51	0.49	0.52	122.13	128.43	155.45	0.34	0.39	0.54
TaoVA-100x	10	1.11	0.81	0.60	832.71	911.59	1005.82	6.53	13.95	32.73
TCP Vegas	10	1.03	0.76	0.97	350.56	372.18	313.94	0.50	0.98	1.68
Verus	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCC-Vivace	9	1.04	0.84	0.39	1107.89	1113.55	1111.41	31.81	43.22	56.29
WebRTC media	10	0.05	0.04	0.05	368.82	300.58	271.96	1.32	0.56	0.41

Run 1: Statistics of TCP BBR

```
Start at: 2018-05-24 09:23:43
End at: 2018-05-24 09:24:13
Local clock offset: -1.836 ms
Remote clock offset: 8.461 ms

# Below is generated by plot.py at 2018-05-24 12:10:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.28 Mbit/s
95th percentile per-packet one-way delay: 1038.343 ms
Loss rate: 8.02%
-- Flow 1:
Average throughput: 0.94 Mbit/s
95th percentile per-packet one-way delay: 1049.174 ms
Loss rate: 8.29%
-- Flow 2:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 983.197 ms
Loss rate: 6.15%
-- Flow 3:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 1026.913 ms
Loss rate: 10.52%
```

Run 1: Report of TCP BBR — Data Link

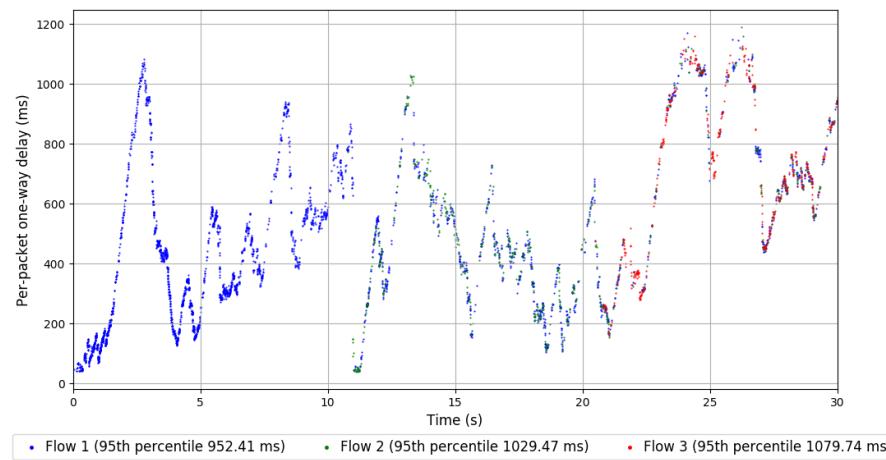
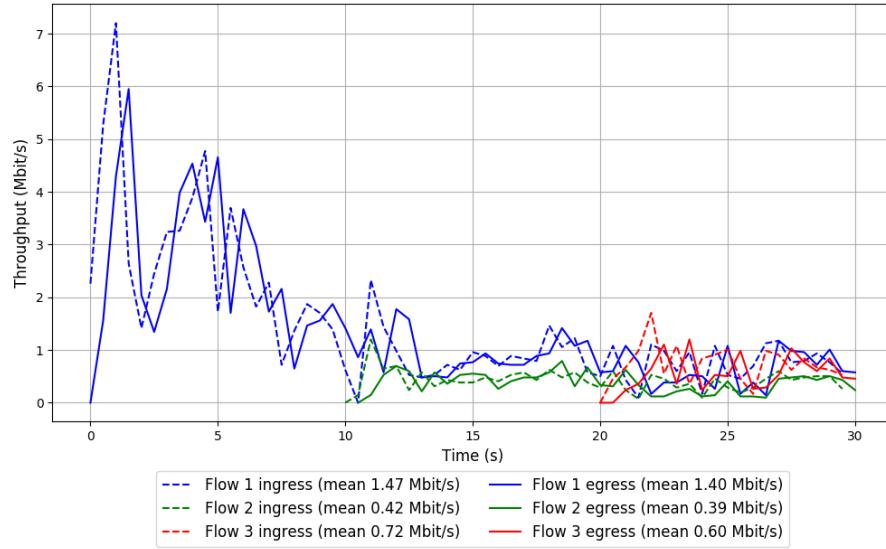


Run 2: Statistics of TCP BBR

```
Start at: 2018-05-24 09:41:17
End at: 2018-05-24 09:41:47
Local clock offset: 2.092 ms
Remote clock offset: 15.045 ms

# Below is generated by plot.py at 2018-05-24 12:10:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.85 Mbit/s
95th percentile per-packet one-way delay: 999.450 ms
Loss rate: 7.34%
-- Flow 1:
Average throughput: 1.40 Mbit/s
95th percentile per-packet one-way delay: 952.408 ms
Loss rate: 4.55%
-- Flow 2:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 1029.474 ms
Loss rate: 10.65%
-- Flow 3:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 1079.736 ms
Loss rate: 20.53%
```

Run 2: Report of TCP BBR — Data Link

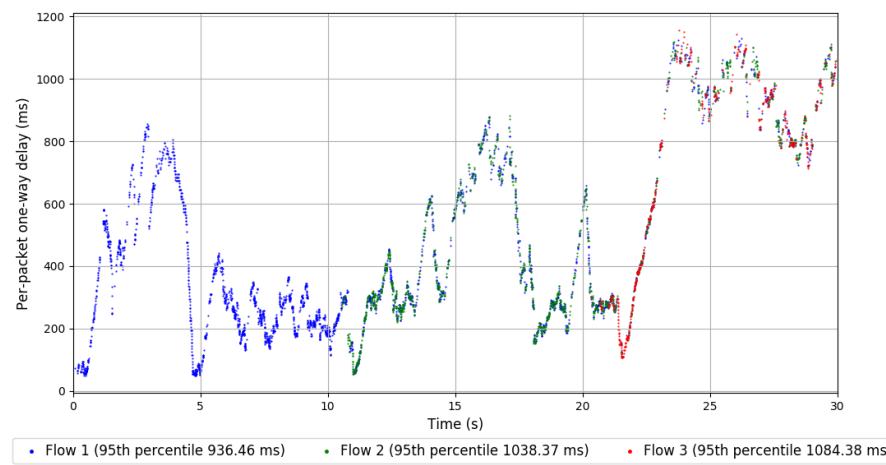
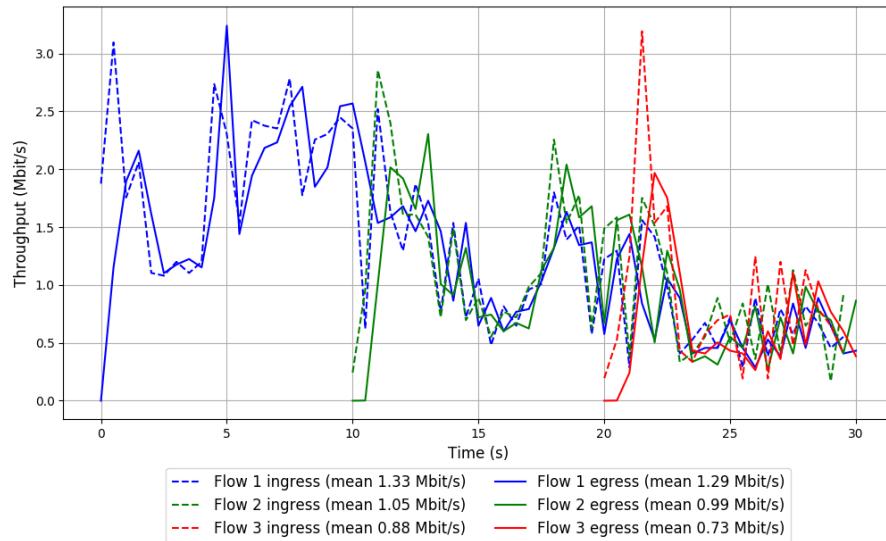


Run 3: Statistics of TCP BBR

```
Start at: 2018-05-24 09:58:55
End at: 2018-05-24 09:59:25
Local clock offset: -2.81 ms
Remote clock offset: 2.155 ms

# Below is generated by plot.py at 2018-05-24 12:10:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.17 Mbit/s
95th percentile per-packet one-way delay: 1012.315 ms
Loss rate: 6.88%
-- Flow 1:
Average throughput: 1.29 Mbit/s
95th percentile per-packet one-way delay: 936.463 ms
Loss rate: 3.94%
-- Flow 2:
Average throughput: 0.99 Mbit/s
95th percentile per-packet one-way delay: 1038.372 ms
Loss rate: 7.15%
-- Flow 3:
Average throughput: 0.73 Mbit/s
95th percentile per-packet one-way delay: 1084.385 ms
Loss rate: 19.67%
```

Run 3: Report of TCP BBR — Data Link

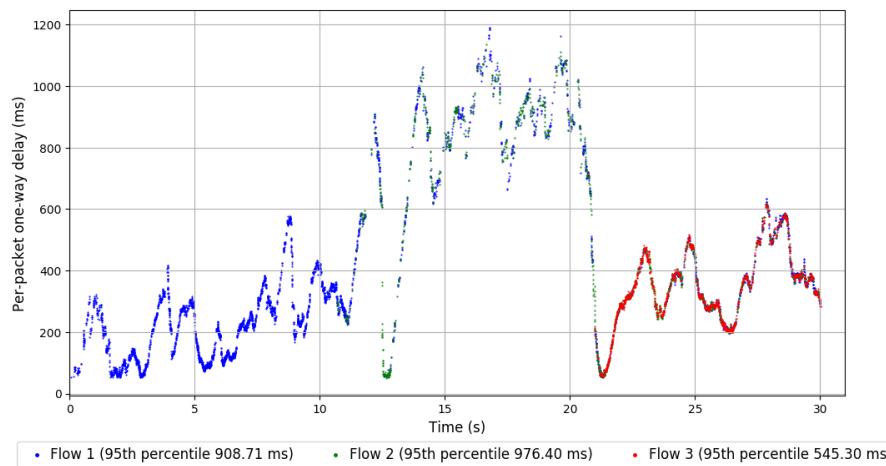
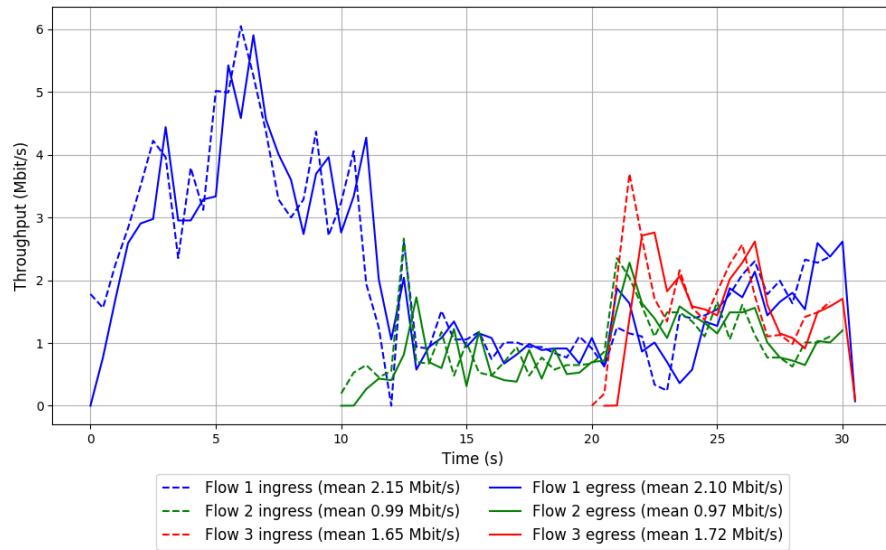


Run 4: Statistics of TCP BBR

```
Start at: 2018-05-24 10:16:43
End at: 2018-05-24 10:17:13
Local clock offset: -2.878 ms
Remote clock offset: 1.382 ms

# Below is generated by plot.py at 2018-05-24 12:10:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.27 Mbit/s
95th percentile per-packet one-way delay: 915.726 ms
Loss rate: 2.73%
-- Flow 1:
Average throughput: 2.10 Mbit/s
95th percentile per-packet one-way delay: 908.708 ms
Loss rate: 2.18%
-- Flow 2:
Average throughput: 0.97 Mbit/s
95th percentile per-packet one-way delay: 976.405 ms
Loss rate: 4.18%
-- Flow 3:
Average throughput: 1.72 Mbit/s
95th percentile per-packet one-way delay: 545.304 ms
Loss rate: 3.14%
```

Run 4: Report of TCP BBR — Data Link

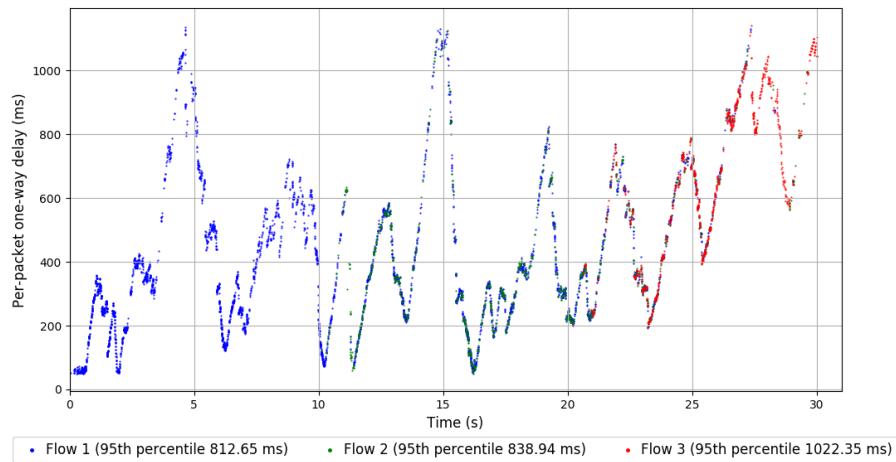
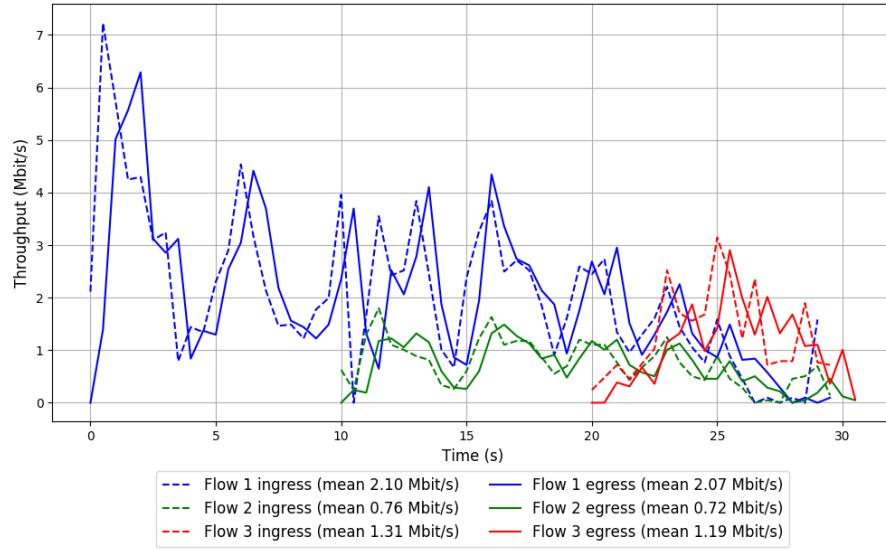


Run 5: Statistics of TCP BBR

```
Start at: 2018-05-24 10:34:14
End at: 2018-05-24 10:34:44
Local clock offset: -2.968 ms
Remote clock offset: -5.541 ms

# Below is generated by plot.py at 2018-05-24 12:10:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.87 Mbit/s
95th percentile per-packet one-way delay: 912.667 ms
Loss rate: 4.24%
-- Flow 1:
Average throughput: 2.07 Mbit/s
95th percentile per-packet one-way delay: 812.648 ms
Loss rate: 2.78%
-- Flow 2:
Average throughput: 0.72 Mbit/s
95th percentile per-packet one-way delay: 838.940 ms
Loss rate: 4.96%
-- Flow 3:
Average throughput: 1.19 Mbit/s
95th percentile per-packet one-way delay: 1022.352 ms
Loss rate: 10.34%
```

Run 5: Report of TCP BBR — Data Link

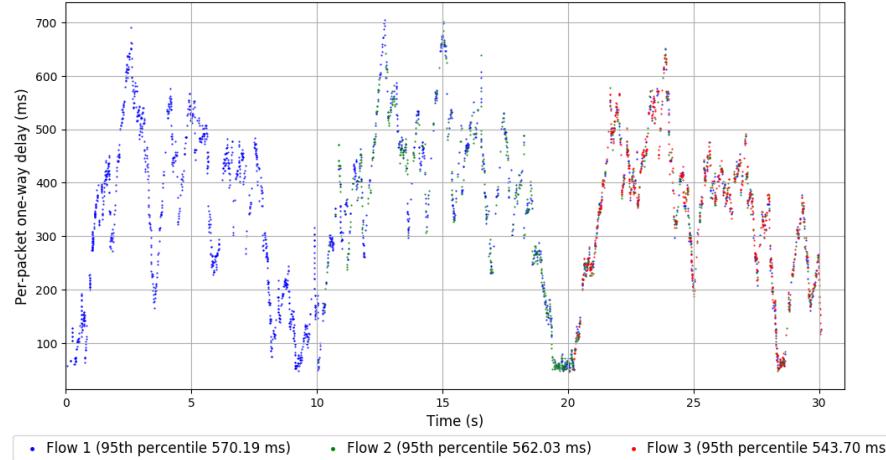
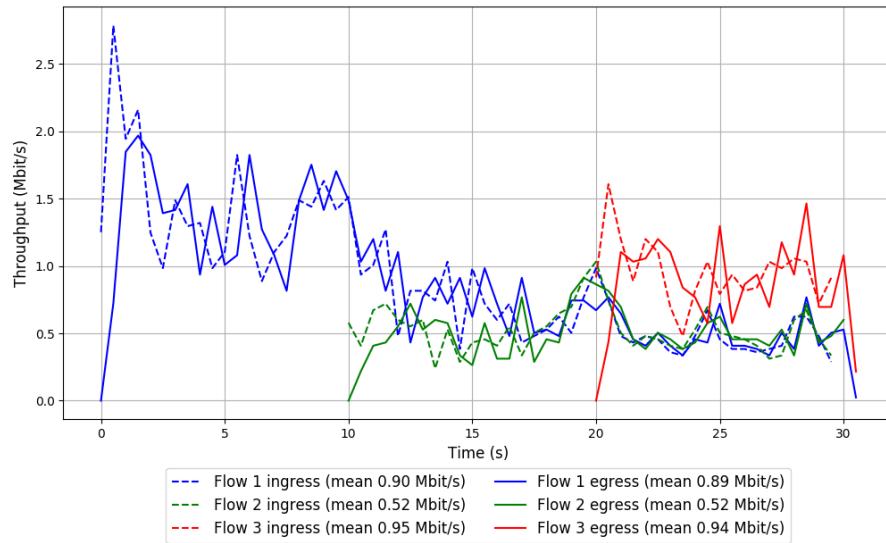


Run 6: Statistics of TCP BBR

```
Start at: 2018-05-24 10:51:54
End at: 2018-05-24 10:52:24
Local clock offset: 0.101 ms
Remote clock offset: -5.973 ms

# Below is generated by plot.py at 2018-05-24 12:10:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.54 Mbit/s
95th percentile per-packet one-way delay: 564.299 ms
Loss rate: 1.56%
-- Flow 1:
Average throughput: 0.89 Mbit/s
95th percentile per-packet one-way delay: 570.194 ms
Loss rate: 1.51%
-- Flow 2:
Average throughput: 0.52 Mbit/s
95th percentile per-packet one-way delay: 562.028 ms
Loss rate: 1.61%
-- Flow 3:
Average throughput: 0.94 Mbit/s
95th percentile per-packet one-way delay: 543.704 ms
Loss rate: 1.64%
```

Run 6: Report of TCP BBR — Data Link

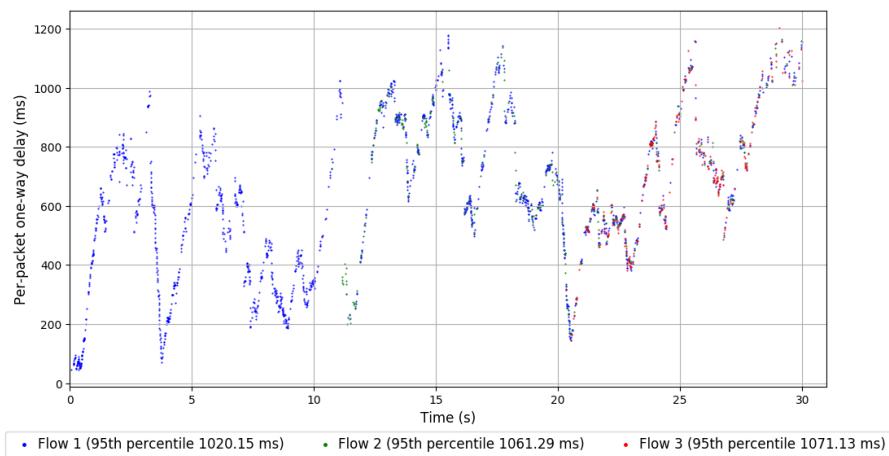
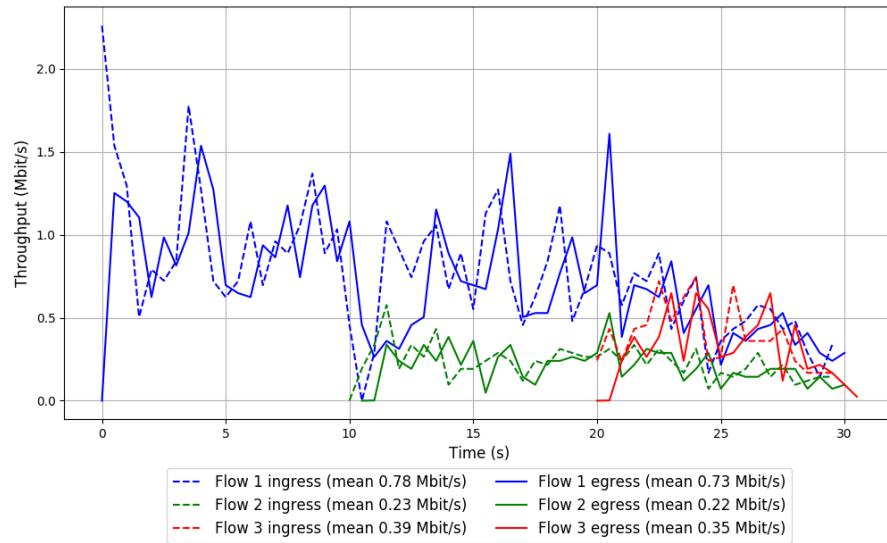


Run 7: Statistics of TCP BBR

```
Start at: 2018-05-24 11:09:24
End at: 2018-05-24 11:09:54
Local clock offset: 0.501 ms
Remote clock offset: 3.542 ms

# Below is generated by plot.py at 2018-05-24 12:10:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.98 Mbit/s
95th percentile per-packet one-way delay: 1033.702 ms
Loss rate: 7.53%
-- Flow 1:
Average throughput: 0.73 Mbit/s
95th percentile per-packet one-way delay: 1020.150 ms
Loss rate: 6.05%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1061.287 ms
Loss rate: 8.92%
-- Flow 3:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 1071.127 ms
Loss rate: 14.72%
```

Run 7: Report of TCP BBR — Data Link

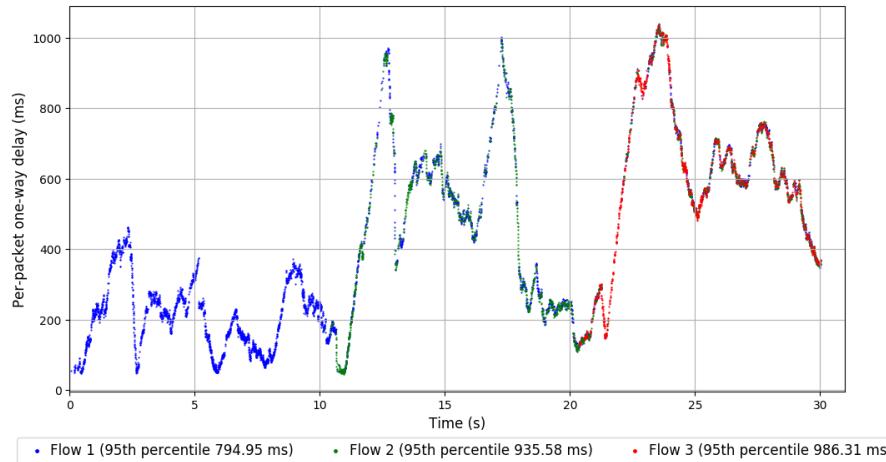
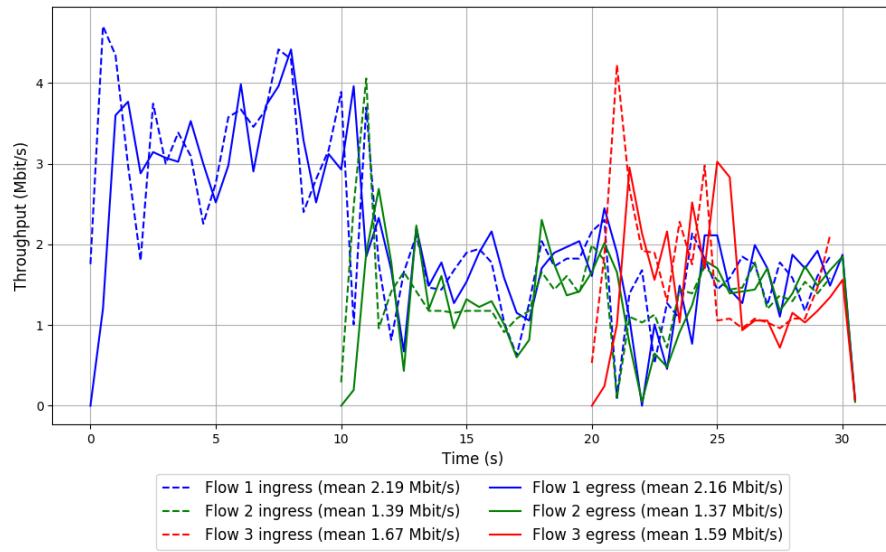


Run 8: Statistics of TCP BBR

```
Start at: 2018-05-24 11:27:07
End at: 2018-05-24 11:27:37
Local clock offset: 0.349 ms
Remote clock offset: 6.39 ms

# Below is generated by plot.py at 2018-05-24 12:10:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.59 Mbit/s
95th percentile per-packet one-way delay: 895.173 ms
Loss rate: 2.38%
-- Flow 1:
Average throughput: 2.16 Mbit/s
95th percentile per-packet one-way delay: 794.953 ms
Loss rate: 1.45%
-- Flow 2:
Average throughput: 1.37 Mbit/s
95th percentile per-packet one-way delay: 935.584 ms
Loss rate: 2.29%
-- Flow 3:
Average throughput: 1.59 Mbit/s
95th percentile per-packet one-way delay: 986.313 ms
Loss rate: 6.19%
```

Run 8: Report of TCP BBR — Data Link

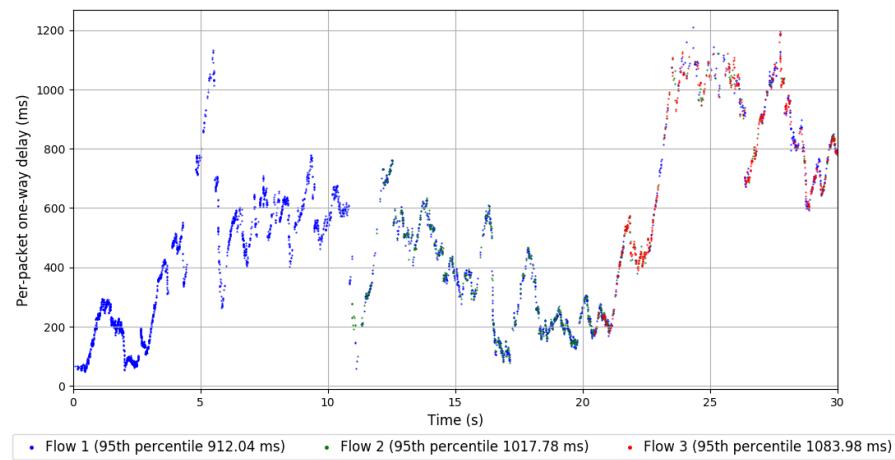
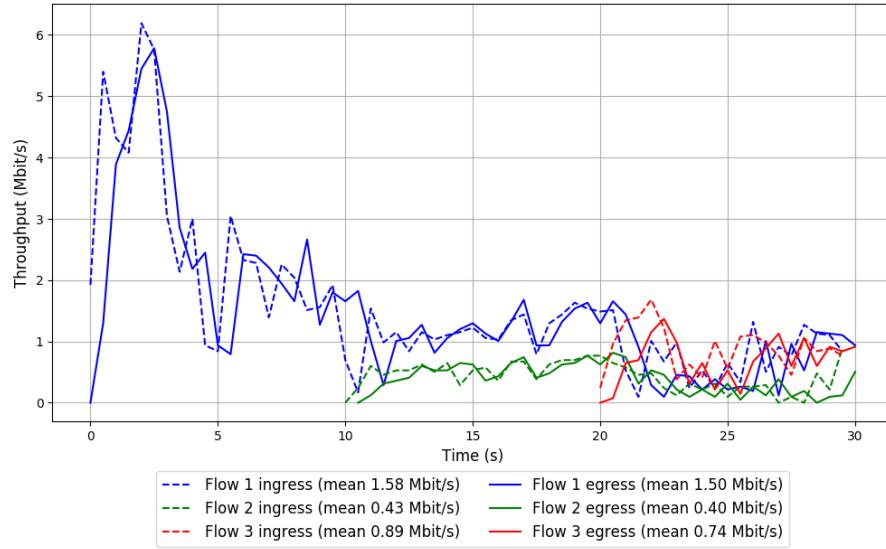


Run 9: Statistics of TCP BBR

```
Start at: 2018-05-24 11:45:02
End at: 2018-05-24 11:45:32
Local clock offset: 3.043 ms
Remote clock offset: 4.744 ms

# Below is generated by plot.py at 2018-05-24 12:10:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 1019.988 ms
Loss rate: 7.54%
-- Flow 1:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 912.043 ms
Loss rate: 5.02%
-- Flow 2:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 1017.777 ms
Loss rate: 9.54%
-- Flow 3:
Average throughput: 0.74 Mbit/s
95th percentile per-packet one-way delay: 1083.984 ms
Loss rate: 19.05%
```

Run 9: Report of TCP BBR — Data Link

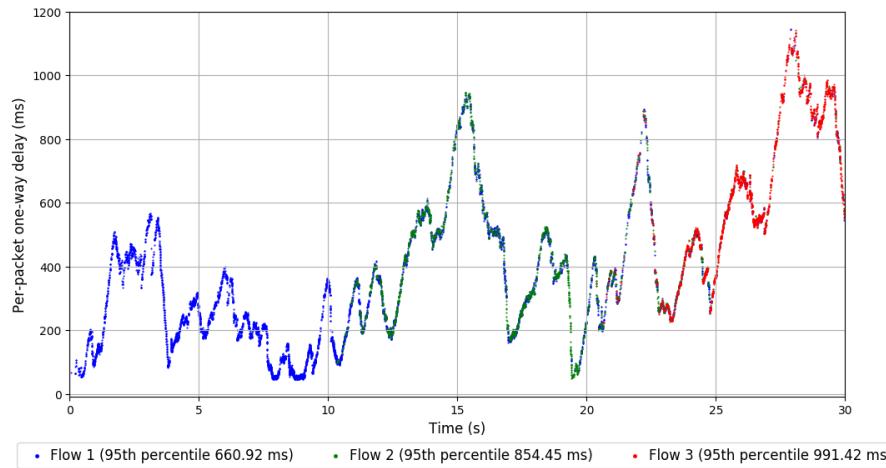
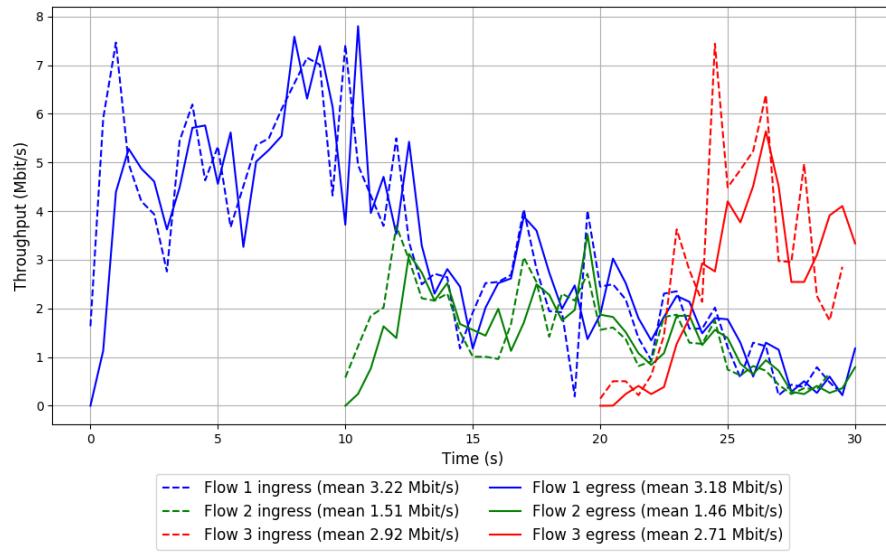


Run 10: Statistics of TCP BBR

```
Start at: 2018-05-24 12:02:43
End at: 2018-05-24 12:03:13
Local clock offset: 0.806 ms
Remote clock offset: 4.474 ms

# Below is generated by plot.py at 2018-05-24 12:10:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 5.01 Mbit/s
95th percentile per-packet one-way delay: 893.447 ms
Loss rate: 2.70%
-- Flow 1:
Average throughput: 3.18 Mbit/s
95th percentile per-packet one-way delay: 660.922 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 854.453 ms
Loss rate: 1.52%
-- Flow 3:
Average throughput: 2.71 Mbit/s
95th percentile per-packet one-way delay: 991.417 ms
Loss rate: 10.20%
```

Run 10: Report of TCP BBR — Data Link

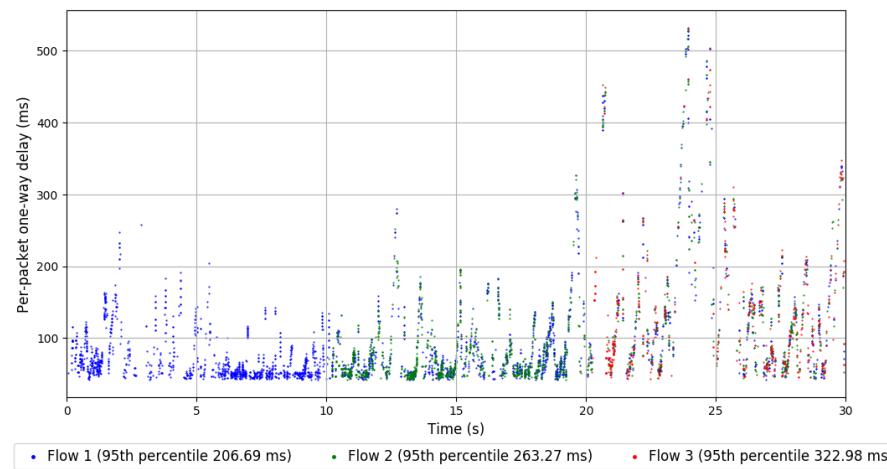
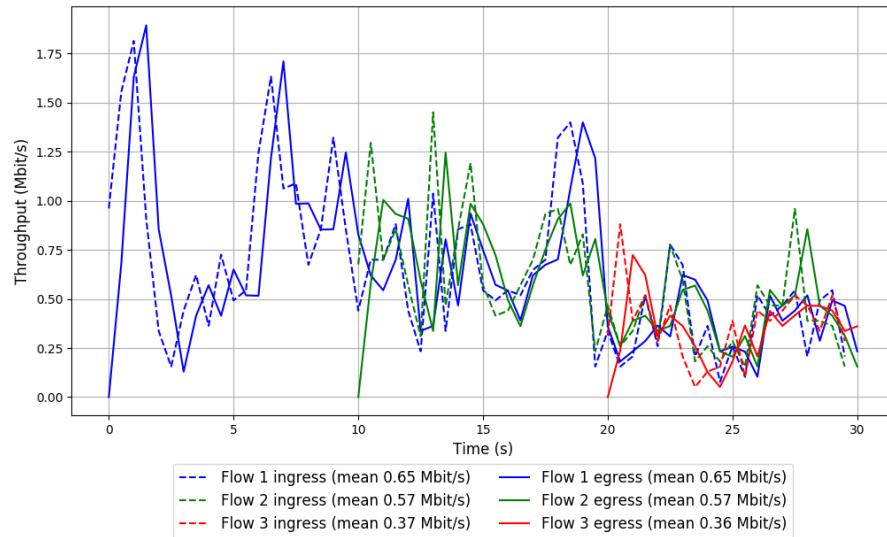


Run 1: Statistics of Copa

```
Start at: 2018-05-24 09:17:05
End at: 2018-05-24 09:17:35
Local clock offset: -2.247 ms
Remote clock offset: 3.957 ms

# Below is generated by plot.py at 2018-05-24 12:10:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.15 Mbit/s
95th percentile per-packet one-way delay: 254.443 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: 206.691 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 263.270 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 322.977 ms
Loss rate: 1.83%
```

Run 1: Report of Copa — Data Link

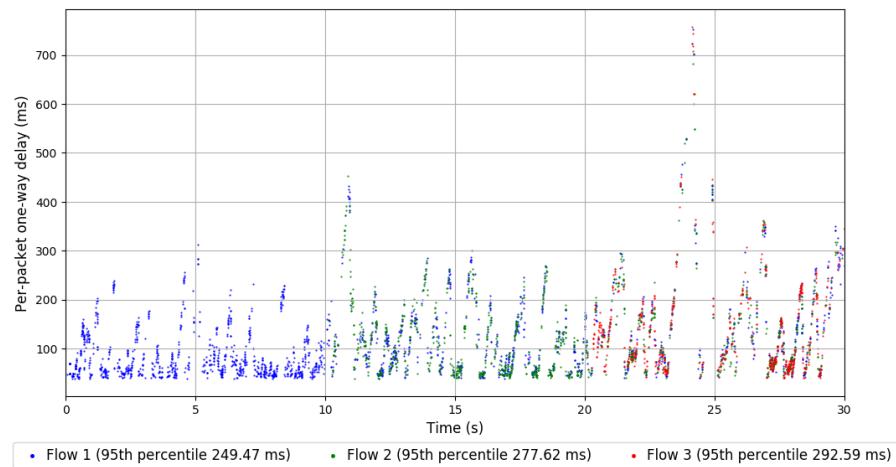
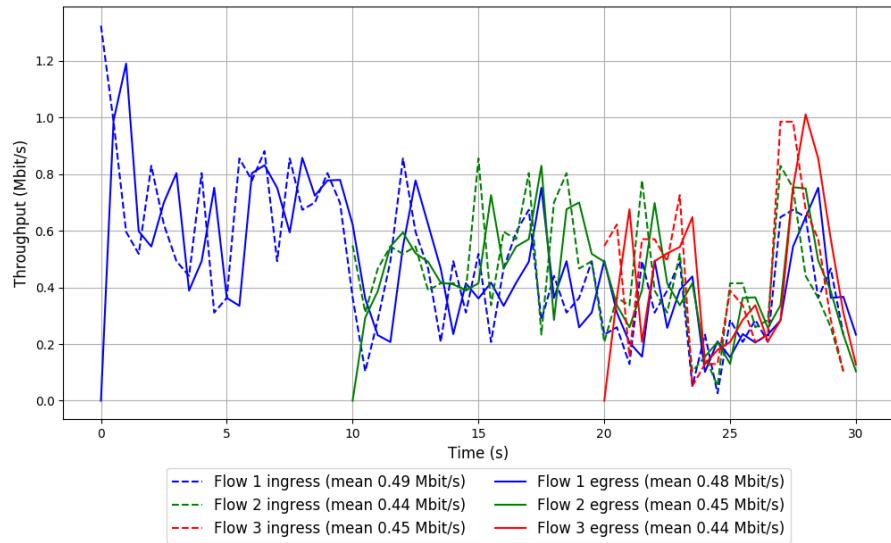


Run 2: Statistics of Copa

```
Start at: 2018-05-24 09:34:42
End at: 2018-05-24 09:35:12
Local clock offset: 0.898 ms
Remote clock offset: 12.768 ms

# Below is generated by plot.py at 2018-05-24 12:10:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.92 Mbit/s
95th percentile per-packet one-way delay: 265.318 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 249.468 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 277.622 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 292.594 ms
Loss rate: 0.61%
```

Run 2: Report of Copa — Data Link

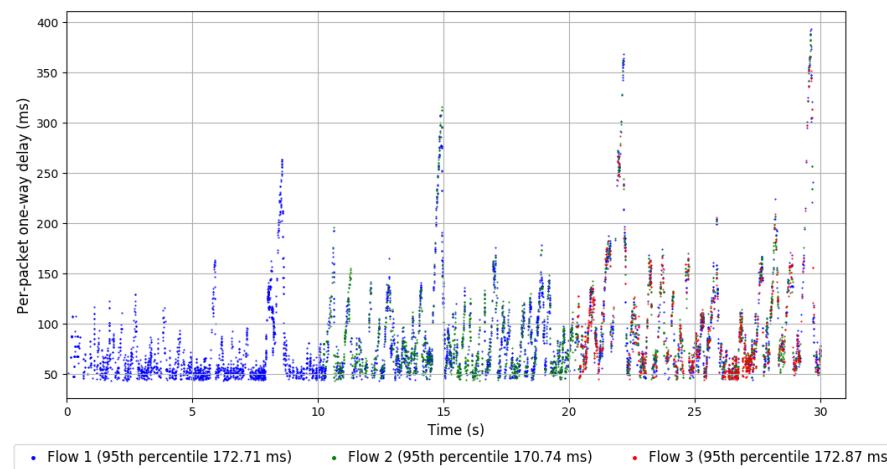
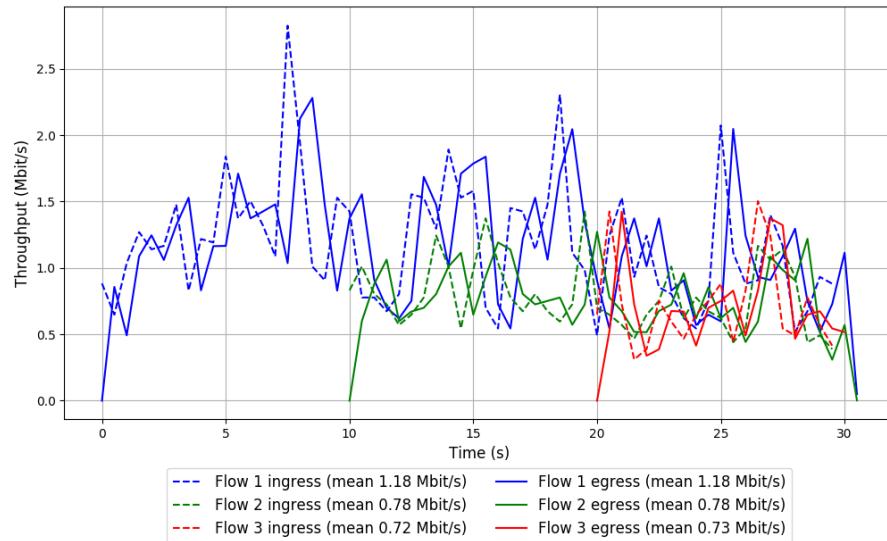


Run 3: Statistics of Copa

```
Start at: 2018-05-24 09:52:19
End at: 2018-05-24 09:52:49
Local clock offset: -3.236 ms
Remote clock offset: 6.351 ms

# Below is generated by plot.py at 2018-05-24 12:10:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.94 Mbit/s
95th percentile per-packet one-way delay: 172.675 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 1.18 Mbit/s
95th percentile per-packet one-way delay: 172.711 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 0.78 Mbit/s
95th percentile per-packet one-way delay: 170.737 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 0.73 Mbit/s
95th percentile per-packet one-way delay: 172.865 ms
Loss rate: 0.73%
```

Run 3: Report of Copa — Data Link

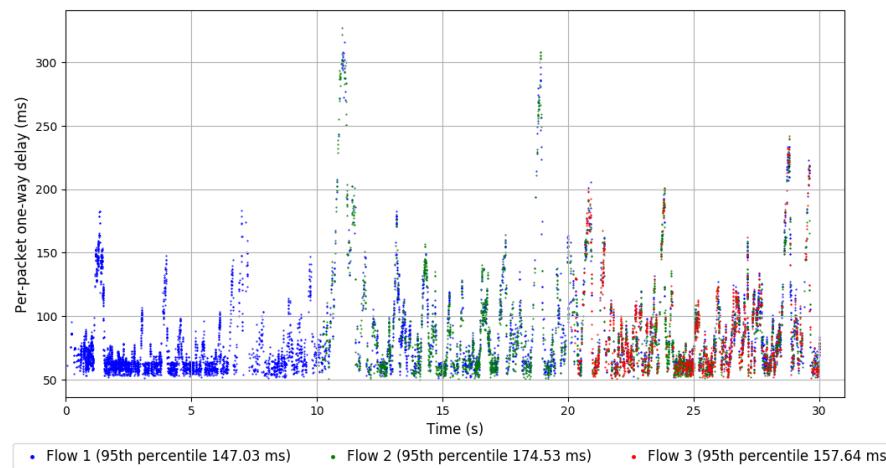
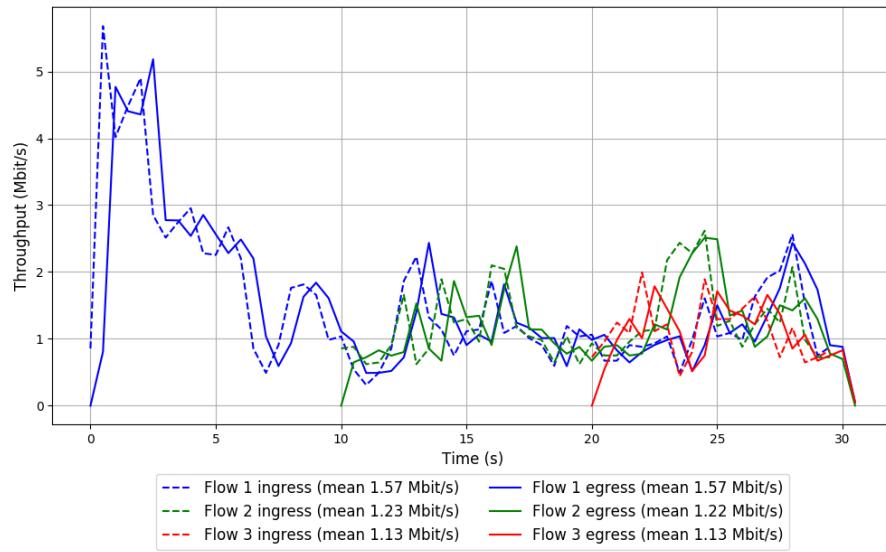


Run 4: Statistics of Copa

```
Start at: 2018-05-24 10:10:02
End at: 2018-05-24 10:10:33
Local clock offset: -2.584 ms
Remote clock offset: 1.927 ms

# Below is generated by plot.py at 2018-05-24 12:10:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.76 Mbit/s
95th percentile per-packet one-way delay: 154.765 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 1.57 Mbit/s
95th percentile per-packet one-way delay: 147.026 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 1.22 Mbit/s
95th percentile per-packet one-way delay: 174.525 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 1.13 Mbit/s
95th percentile per-packet one-way delay: 157.638 ms
Loss rate: 0.46%
```

Run 4: Report of Copa — Data Link

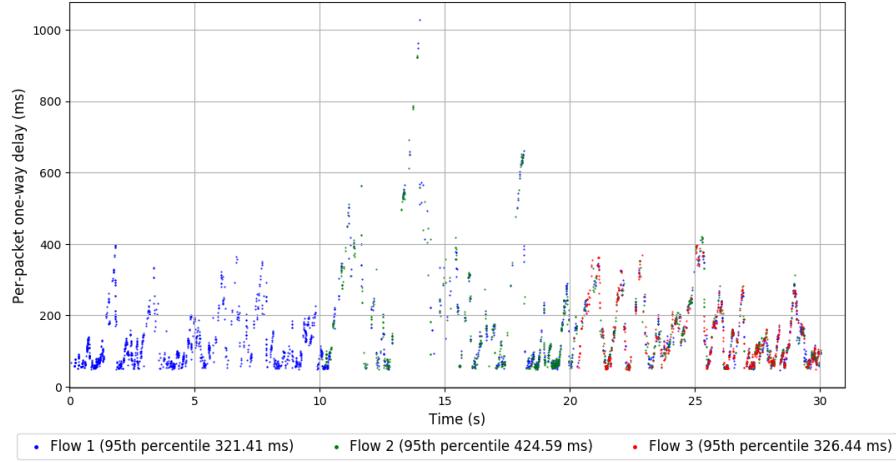
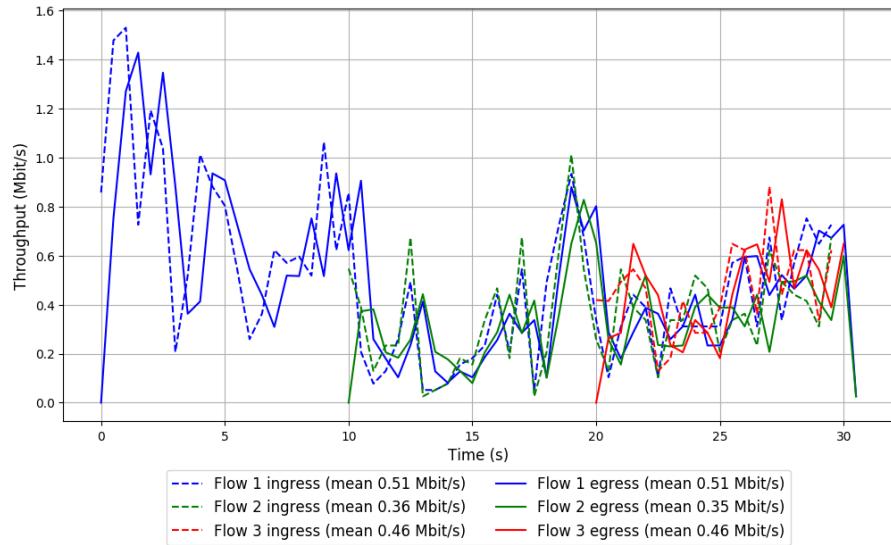


Run 5: Statistics of Copa

```
Start at: 2018-05-24 10:27:40
End at: 2018-05-24 10:28:10
Local clock offset: 0.903 ms
Remote clock offset: -2.351 ms

# Below is generated by plot.py at 2018-05-24 12:10:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.90 Mbit/s
95th percentile per-packet one-way delay: 344.826 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 321.407 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 424.590 ms
Loss rate: 1.13%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 326.439 ms
Loss rate: 0.89%
```

Run 5: Report of Copa — Data Link

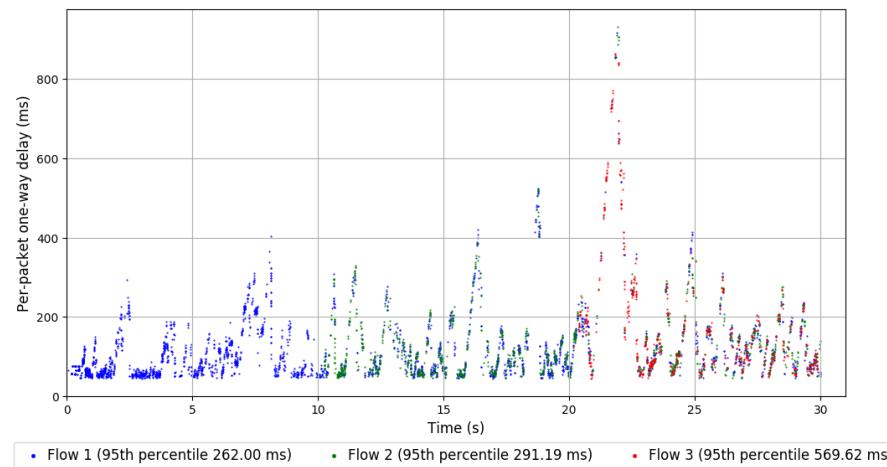
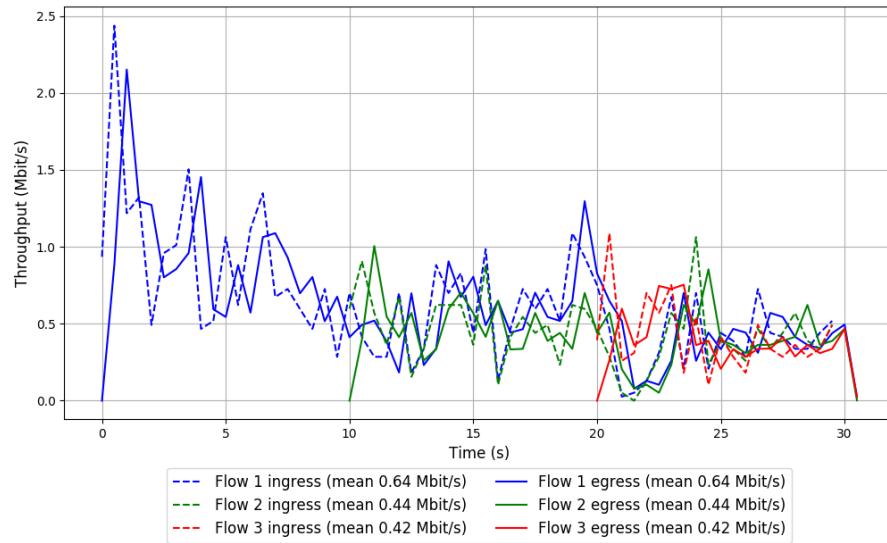


Run 6: Statistics of Copa

```
Start at: 2018-05-24 10:45:18
End at: 2018-05-24 10:45:48
Local clock offset: 0.194 ms
Remote clock offset: -5.905 ms

# Below is generated by plot.py at 2018-05-24 12:10:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.07 Mbit/s
95th percentile per-packet one-way delay: 297.648 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 262.002 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 291.190 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 569.624 ms
Loss rate: 0.74%
```

Run 6: Report of Copa — Data Link

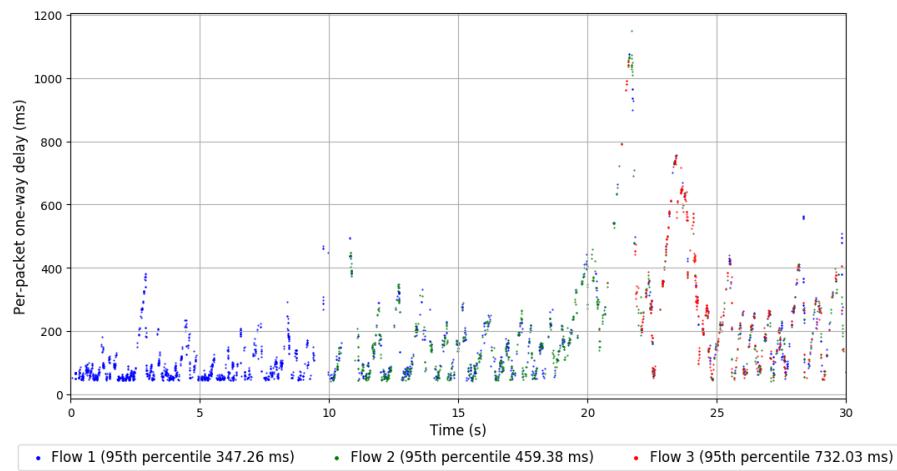
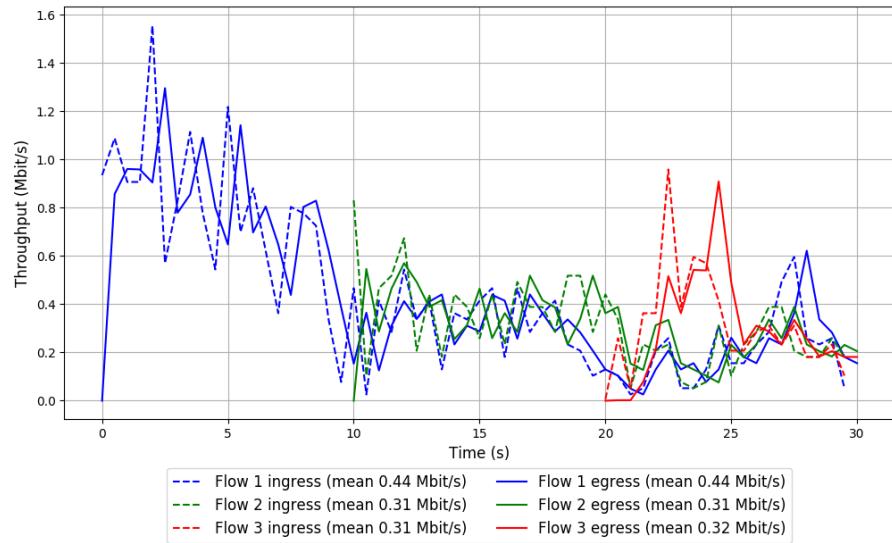


Run 7: Statistics of Copa

```
Start at: 2018-05-24 11:02:50
End at: 2018-05-24 11:03:20
Local clock offset: 1.187 ms
Remote clock offset: 1.626 ms

# Below is generated by plot.py at 2018-05-24 12:10:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.74 Mbit/s
95th percentile per-packet one-way delay: 480.307 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 347.256 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 459.383 ms
Loss rate: 1.15%
-- Flow 3:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 732.034 ms
Loss rate: 2.59%
```

Run 7: Report of Copa — Data Link

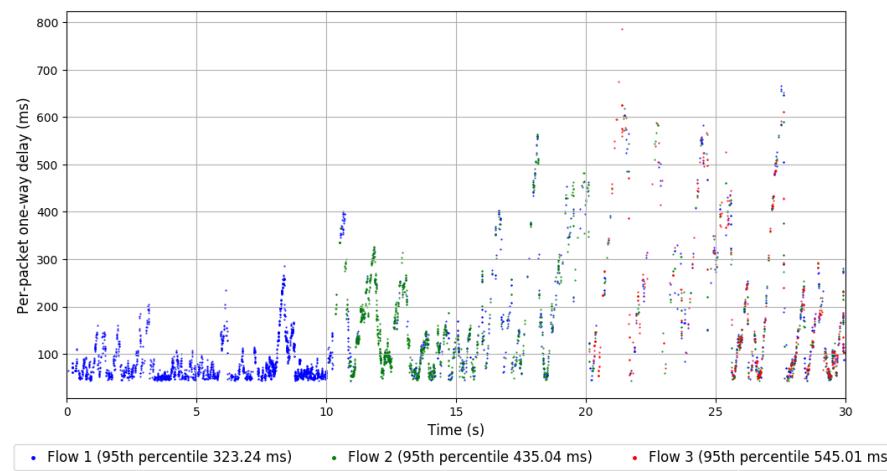
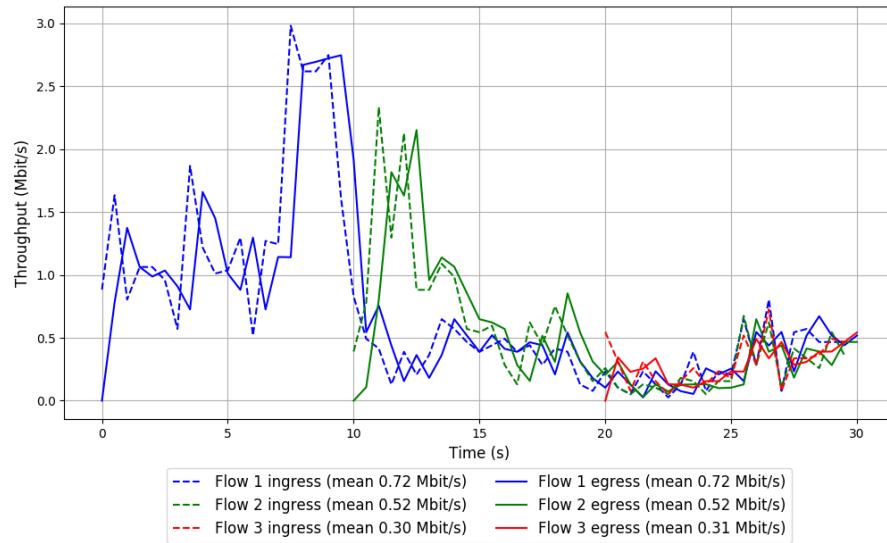


Run 8: Statistics of Copa

```
Start at: 2018-05-24 11:20:32
End at: 2018-05-24 11:21:02
Local clock offset: -1.302 ms
Remote clock offset: 5.184 ms

# Below is generated by plot.py at 2018-05-24 12:10:36
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 402.373 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.72 Mbit/s
95th percentile per-packet one-way delay: 323.238 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 0.52 Mbit/s
95th percentile per-packet one-way delay: 435.035 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 545.007 ms
Loss rate: 0.56%
```

Run 8: Report of Copa — Data Link

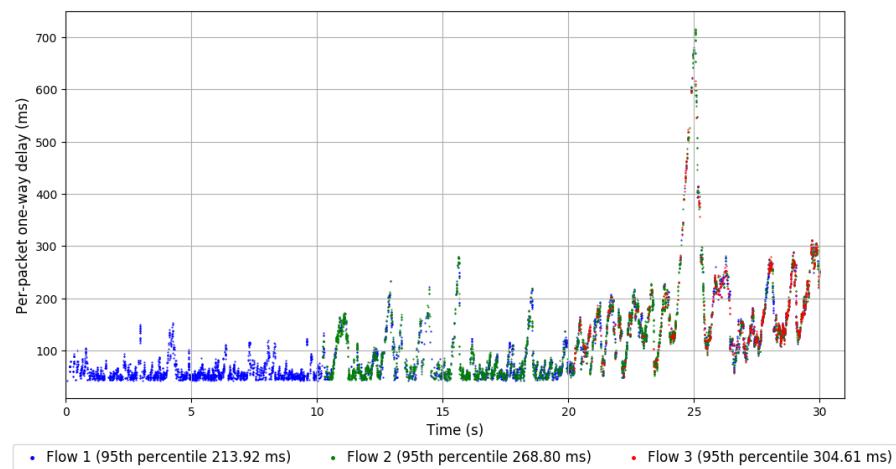
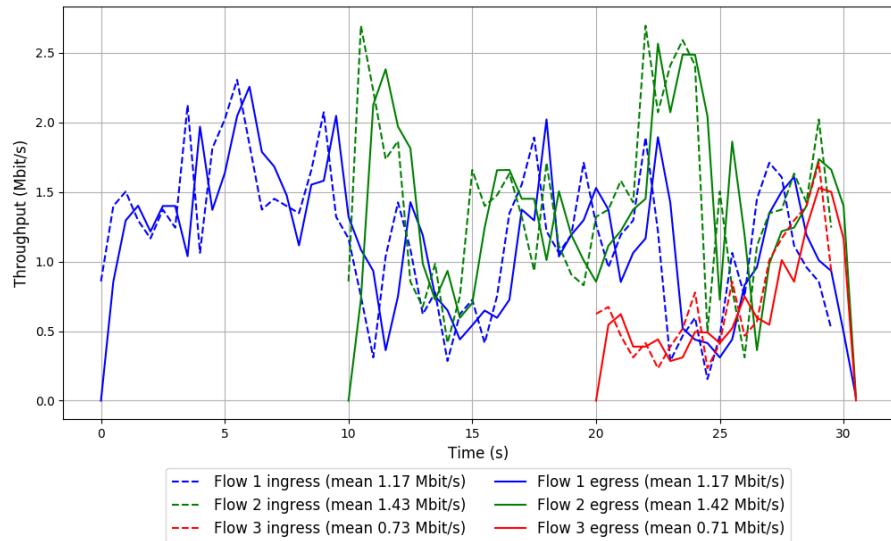


Run 9: Statistics of Copa

```
Start at: 2018-05-24 11:38:11
End at: 2018-05-24 11:38:41
Local clock offset: 1.464 ms
Remote clock offset: 3.607 ms

# Below is generated by plot.py at 2018-05-24 12:10:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 259.692 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 213.920 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 1.42 Mbit/s
95th percentile per-packet one-way delay: 268.795 ms
Loss rate: 1.01%
-- Flow 3:
Average throughput: 0.71 Mbit/s
95th percentile per-packet one-way delay: 304.613 ms
Loss rate: 2.51%
```

Run 9: Report of Copa — Data Link

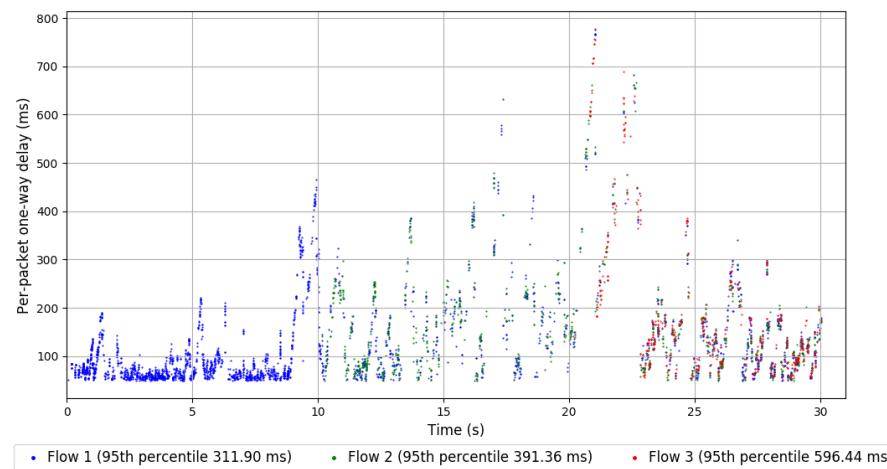
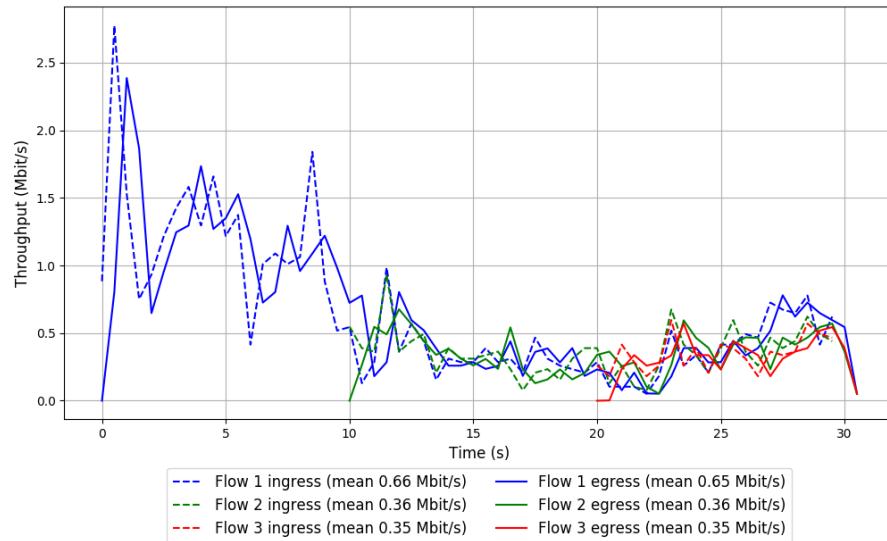


Run 10: Statistics of Copa

```
Start at: 2018-05-24 11:56:00
End at: 2018-05-24 11:56:30
Local clock offset: -2.415 ms
Remote clock offset: 4.772 ms

# Below is generated by plot.py at 2018-05-24 12:10:38
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.01 Mbit/s
95th percentile per-packet one-way delay: 365.359 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: 311.903 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 391.359 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 596.439 ms
Loss rate: 1.21%
```

Run 10: Report of Copa — Data Link

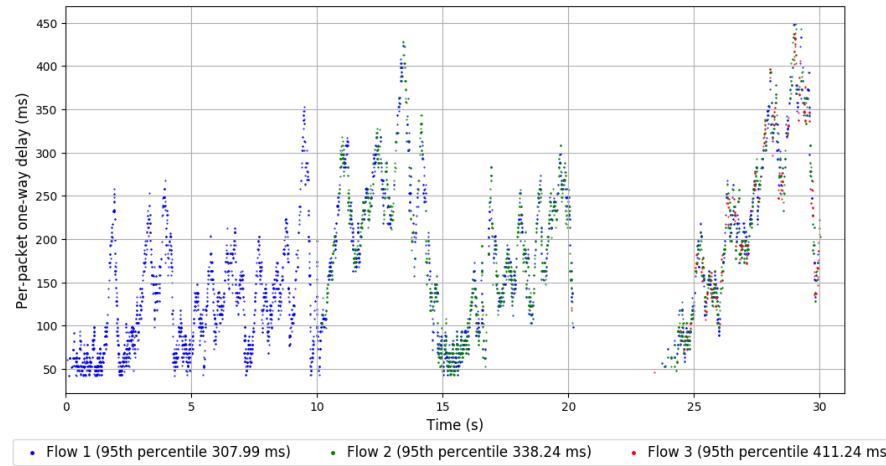
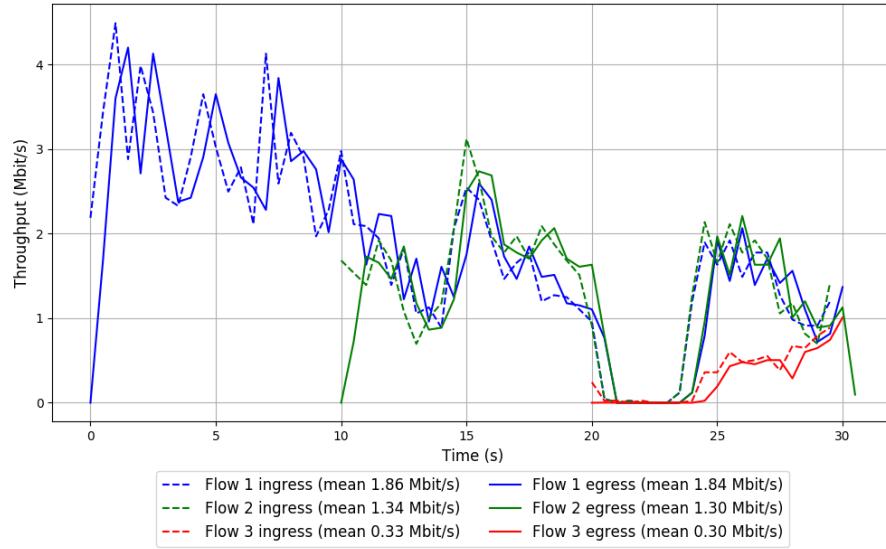


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2018-05-24 09:27:01
End at: 2018-05-24 09:27:31
Local clock offset: -0.641 ms
Remote clock offset: 9.916 ms

# Below is generated by plot.py at 2018-05-24 12:10:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.79 Mbit/s
95th percentile per-packet one-way delay: 328.417 ms
Loss rate: 2.34%
-- Flow 1:
Average throughput: 1.84 Mbit/s
95th percentile per-packet one-way delay: 307.993 ms
Loss rate: 1.51%
-- Flow 2:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 338.241 ms
Loss rate: 3.06%
-- Flow 3:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 411.238 ms
Loss rate: 10.62%
```

Run 1: Report of TCP Cubic — Data Link

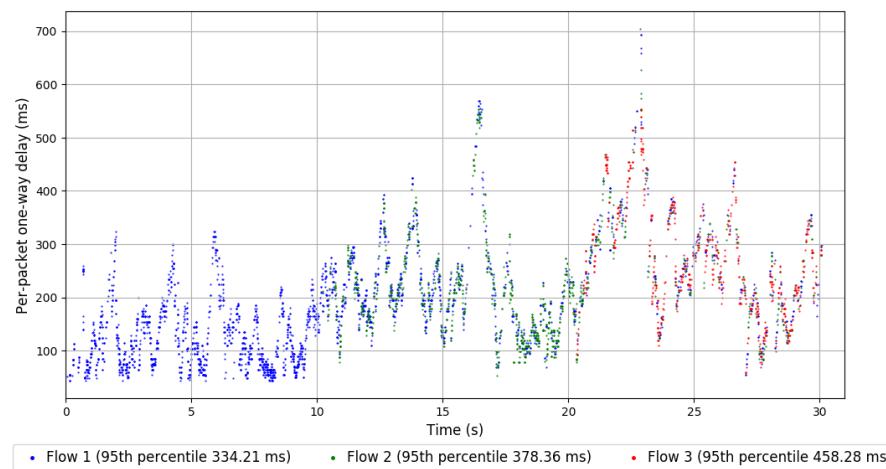
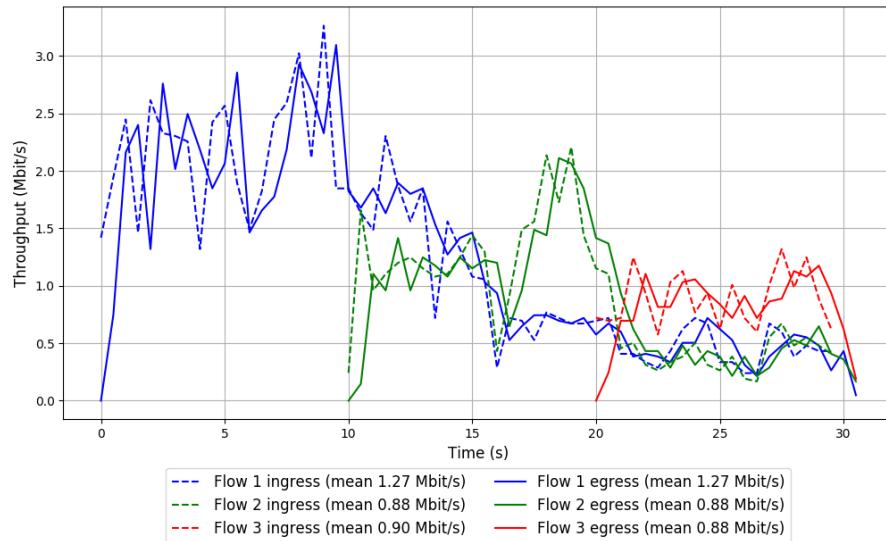


Run 2: Statistics of TCP Cubic

```
Start at: 2018-05-24 09:44:35
End at: 2018-05-24 09:45:05
Local clock offset: -1.477 ms
Remote clock offset: 13.438 ms

# Below is generated by plot.py at 2018-05-24 12:10:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.13 Mbit/s
95th percentile per-packet one-way delay: 377.058 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 1.27 Mbit/s
95th percentile per-packet one-way delay: 334.208 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 0.88 Mbit/s
95th percentile per-packet one-way delay: 378.357 ms
Loss rate: 1.09%
-- Flow 3:
Average throughput: 0.88 Mbit/s
95th percentile per-packet one-way delay: 458.284 ms
Loss rate: 1.75%
```

Run 2: Report of TCP Cubic — Data Link

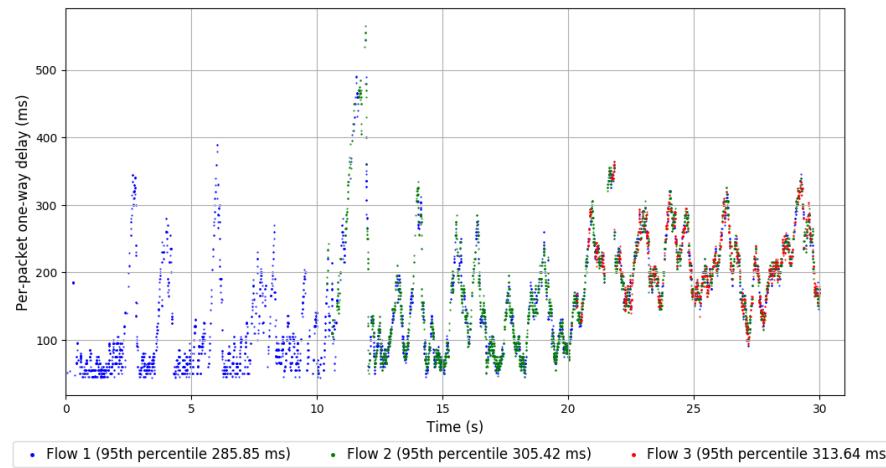
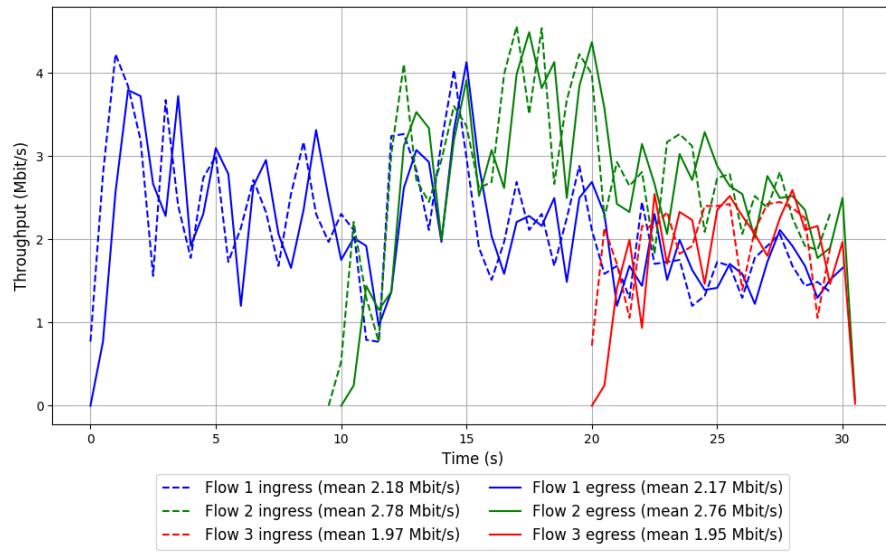


Run 3: Statistics of TCP Cubic

```
Start at: 2018-05-24 10:02:12
End at: 2018-05-24 10:02:42
Local clock offset: -0.803 ms
Remote clock offset: 1.886 ms

# Below is generated by plot.py at 2018-05-24 12:10:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.65 Mbit/s
95th percentile per-packet one-way delay: 300.086 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 2.17 Mbit/s
95th percentile per-packet one-way delay: 285.854 ms
Loss rate: 0.57%
-- Flow 2:
Average throughput: 2.76 Mbit/s
95th percentile per-packet one-way delay: 305.415 ms
Loss rate: 0.80%
-- Flow 3:
Average throughput: 1.95 Mbit/s
95th percentile per-packet one-way delay: 313.637 ms
Loss rate: 1.84%
```

Run 3: Report of TCP Cubic — Data Link

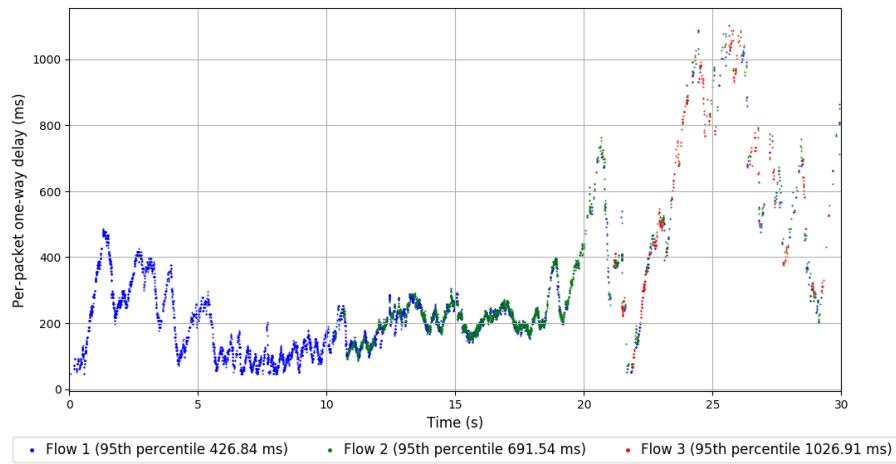
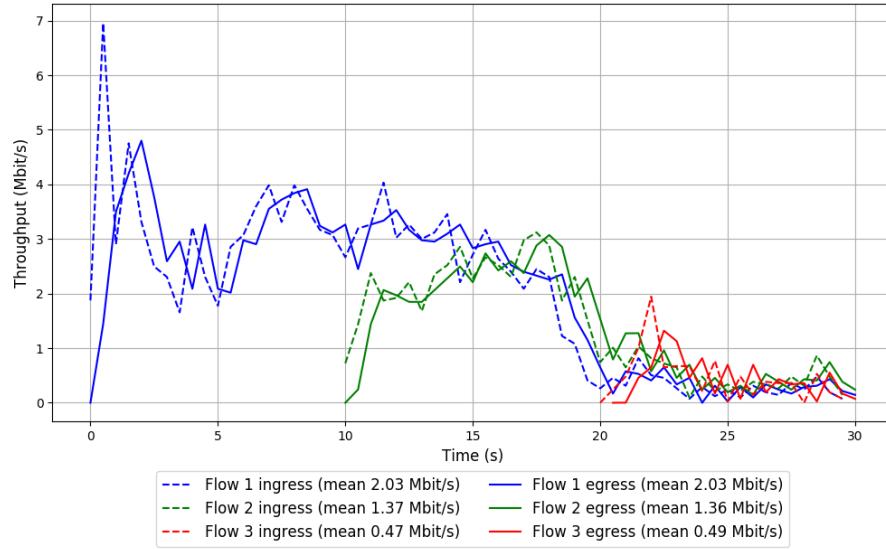


Run 4: Statistics of TCP Cubic

```
Start at: 2018-05-24 10:20:00
End at: 2018-05-24 10:20:30
Local clock offset: 2.467 ms
Remote clock offset: -0.378 ms

# Below is generated by plot.py at 2018-05-24 12:10:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.07 Mbit/s
95th percentile per-packet one-way delay: 597.060 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 2.03 Mbit/s
95th percentile per-packet one-way delay: 426.843 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 1.36 Mbit/s
95th percentile per-packet one-way delay: 691.543 ms
Loss rate: 1.32%
-- Flow 3:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 1026.906 ms
Loss rate: 6.53%
```

Run 4: Report of TCP Cubic — Data Link

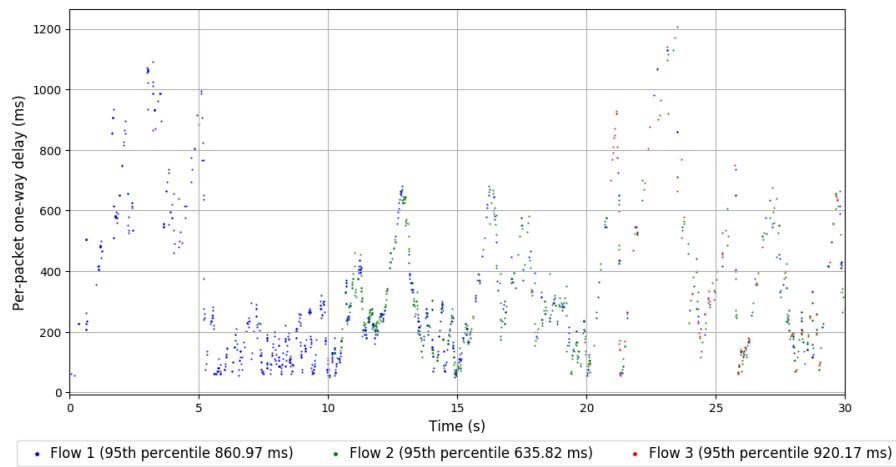
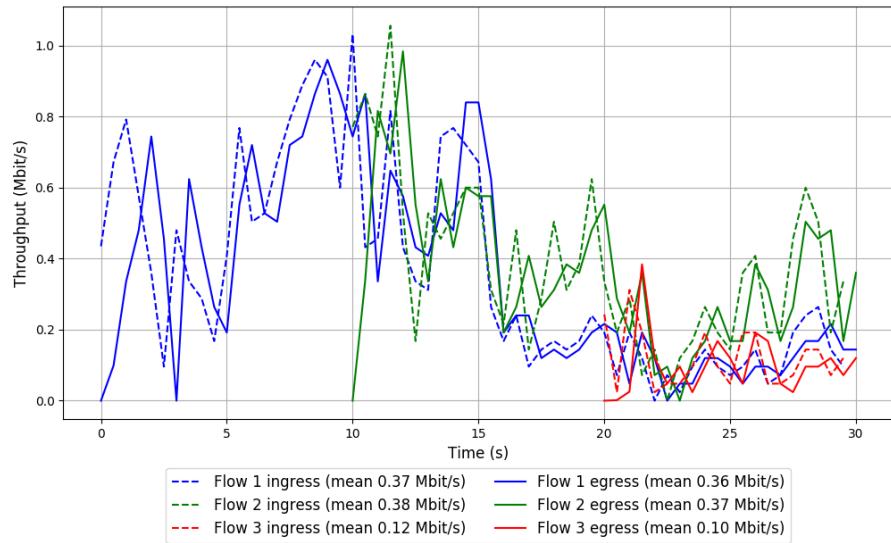


Run 5: Statistics of TCP Cubic

```
Start at: 2018-05-24 10:37:31
End at: 2018-05-24 10:38:01
Local clock offset: -2.315 ms
Remote clock offset: -5.33 ms

# Below is generated by plot.py at 2018-05-24 12:10:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 765.288 ms
Loss rate: 3.82%
-- Flow 1:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 860.969 ms
Loss rate: 3.17%
-- Flow 2:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 635.820 ms
Loss rate: 3.46%
-- Flow 3:
Average throughput: 0.10 Mbit/s
95th percentile per-packet one-way delay: 920.174 ms
Loss rate: 12.23%
```

Run 5: Report of TCP Cubic — Data Link

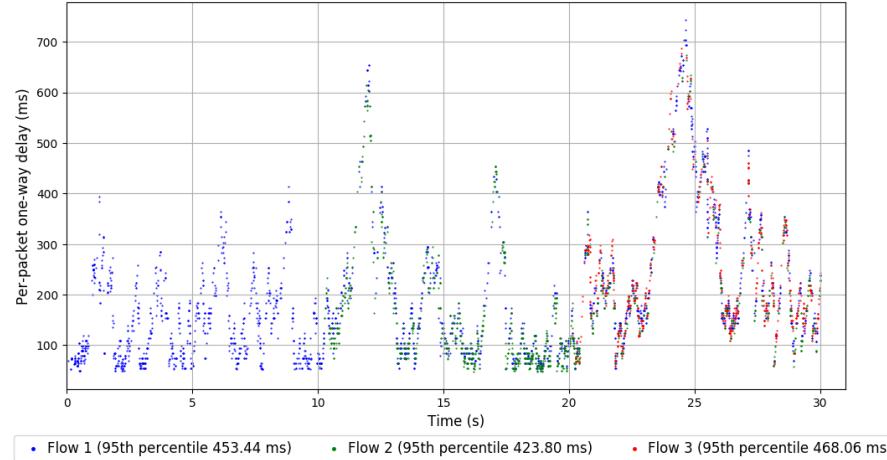
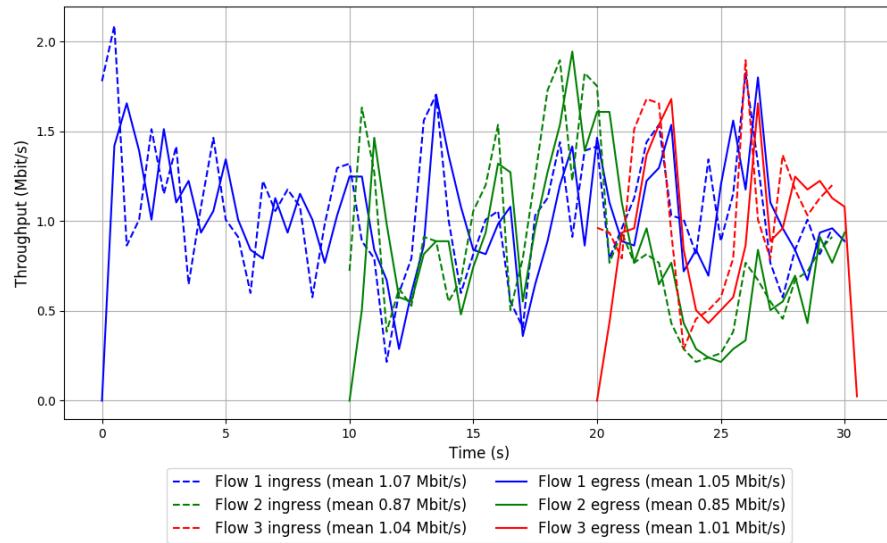


Run 6: Statistics of TCP Cubic

```
Start at: 2018-05-24 10:55:11
End at: 2018-05-24 10:55:41
Local clock offset: 0.79 ms
Remote clock offset: -1.049 ms

# Below is generated by plot.py at 2018-05-24 12:10:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.95 Mbit/s
95th percentile per-packet one-way delay: 453.392 ms
Loss rate: 1.53%
-- Flow 1:
Average throughput: 1.05 Mbit/s
95th percentile per-packet one-way delay: 453.444 ms
Loss rate: 1.13%
-- Flow 2:
Average throughput: 0.85 Mbit/s
95th percentile per-packet one-way delay: 423.795 ms
Loss rate: 1.26%
-- Flow 3:
Average throughput: 1.01 Mbit/s
95th percentile per-packet one-way delay: 468.057 ms
Loss rate: 3.25%
```

Run 6: Report of TCP Cubic — Data Link

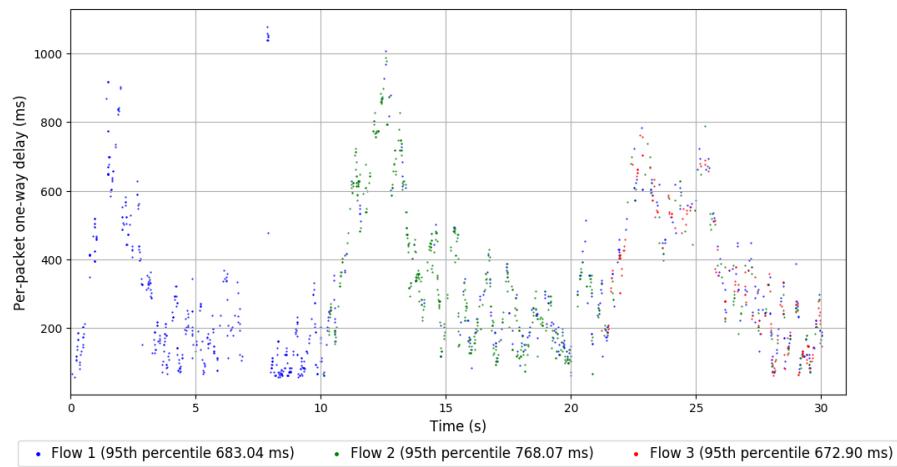
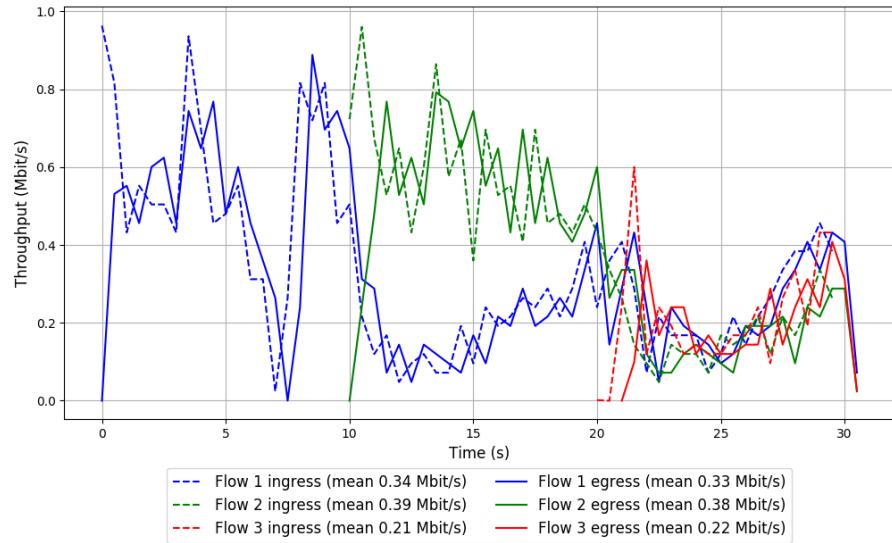


Run 7: Statistics of TCP Cubic

```
Start at: 2018-05-24 11:12:46
End at: 2018-05-24 11:13:16
Local clock offset: -7.417 ms
Remote clock offset: 7.714 ms

# Below is generated by plot.py at 2018-05-24 12:10:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: 718.214 ms
Loss rate: 3.30%
-- Flow 1:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 683.041 ms
Loss rate: 2.62%
-- Flow 2:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 768.072 ms
Loss rate: 2.92%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 672.898 ms
Loss rate: 7.98%
```

Run 7: Report of TCP Cubic — Data Link

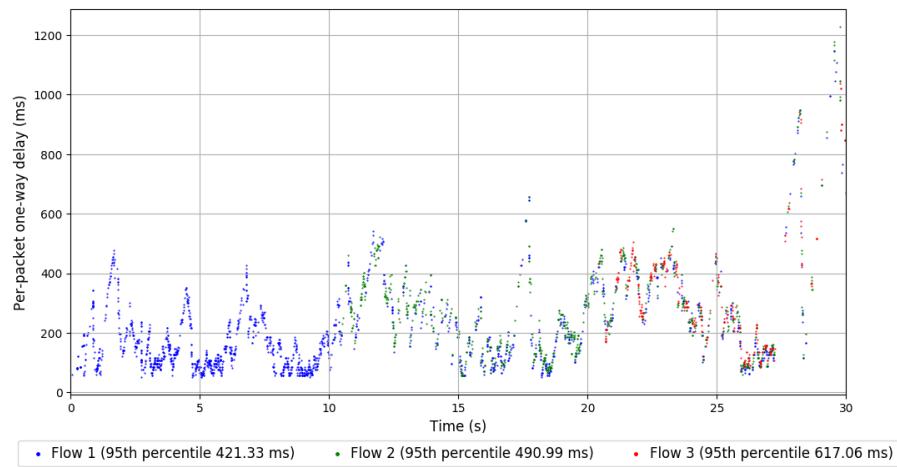
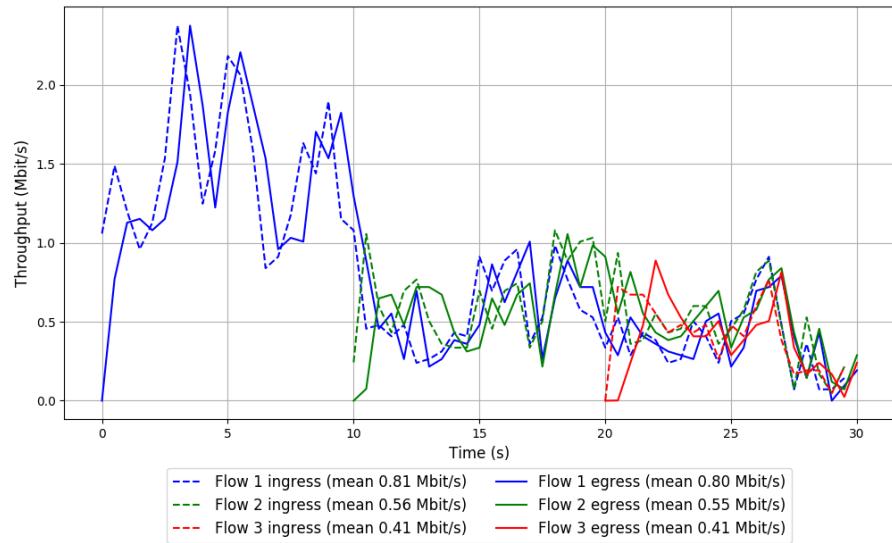


Run 8: Statistics of TCP Cubic

```
Start at: 2018-05-24 11:30:30
End at: 2018-05-24 11:31:00
Local clock offset: -1.975 ms
Remote clock offset: 5.899 ms

# Below is generated by plot.py at 2018-05-24 12:10:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 461.751 ms
Loss rate: 1.88%
-- Flow 1:
Average throughput: 0.80 Mbit/s
95th percentile per-packet one-way delay: 421.330 ms
Loss rate: 1.18%
-- Flow 2:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: 490.989 ms
Loss rate: 2.38%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 617.057 ms
Loss rate: 4.70%
```

Run 8: Report of TCP Cubic — Data Link

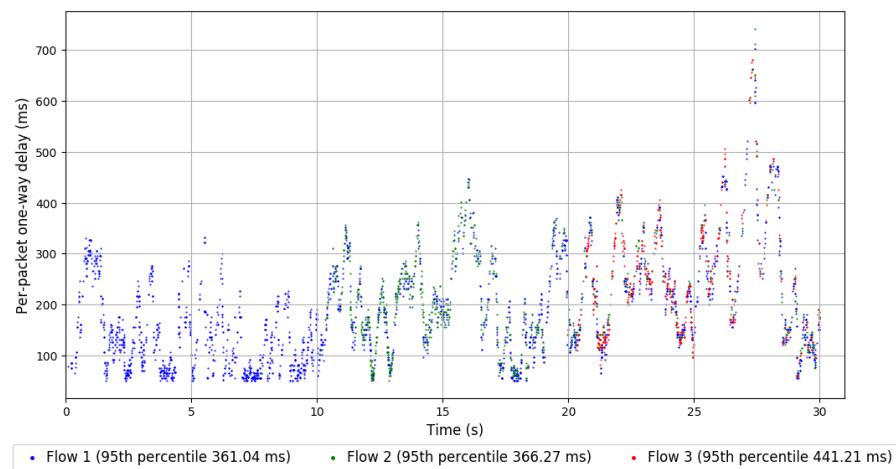
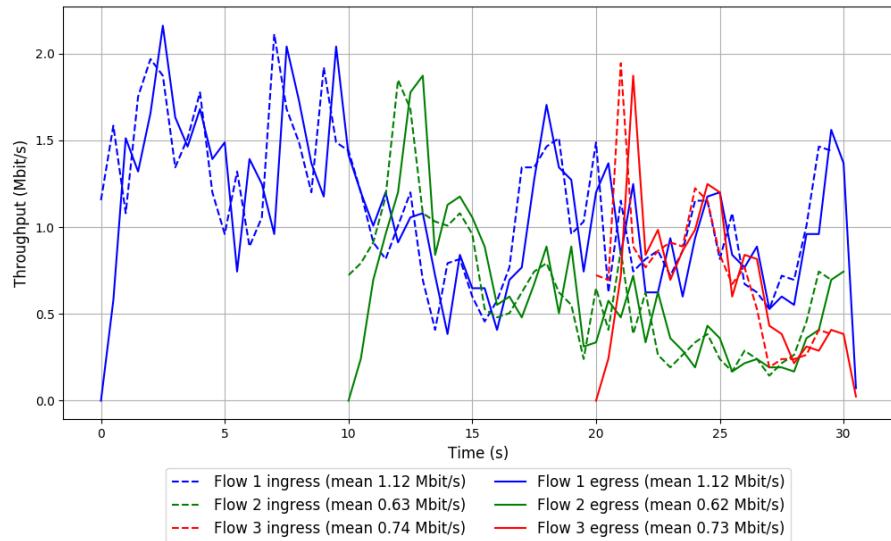


Run 9: Statistics of TCP Cubic

```
Start at: 2018-05-24 11:48:21
End at: 2018-05-24 11:48:51
Local clock offset: 1.009 ms
Remote clock offset: 5.44 ms

# Below is generated by plot.py at 2018-05-24 12:10:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.77 Mbit/s
95th percentile per-packet one-way delay: 375.524 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 361.042 ms
Loss rate: 0.86%
-- Flow 2:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 366.267 ms
Loss rate: 1.52%
-- Flow 3:
Average throughput: 0.73 Mbit/s
95th percentile per-packet one-way delay: 441.207 ms
Loss rate: 1.64%
```

Run 9: Report of TCP Cubic — Data Link

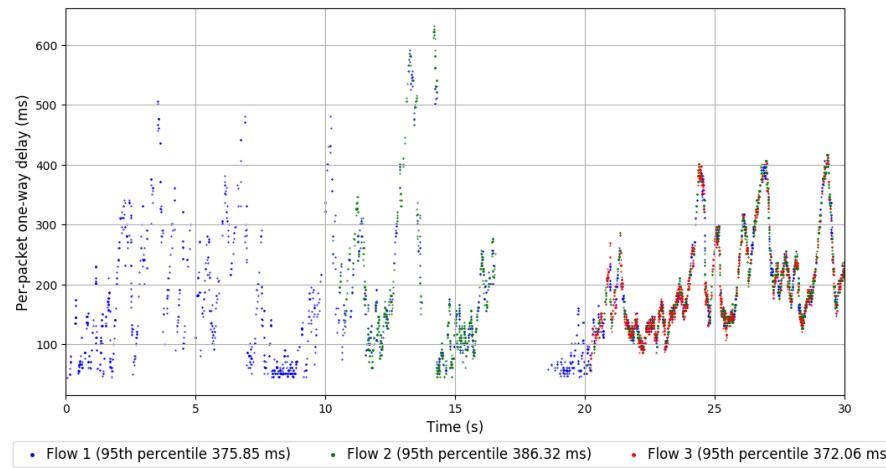
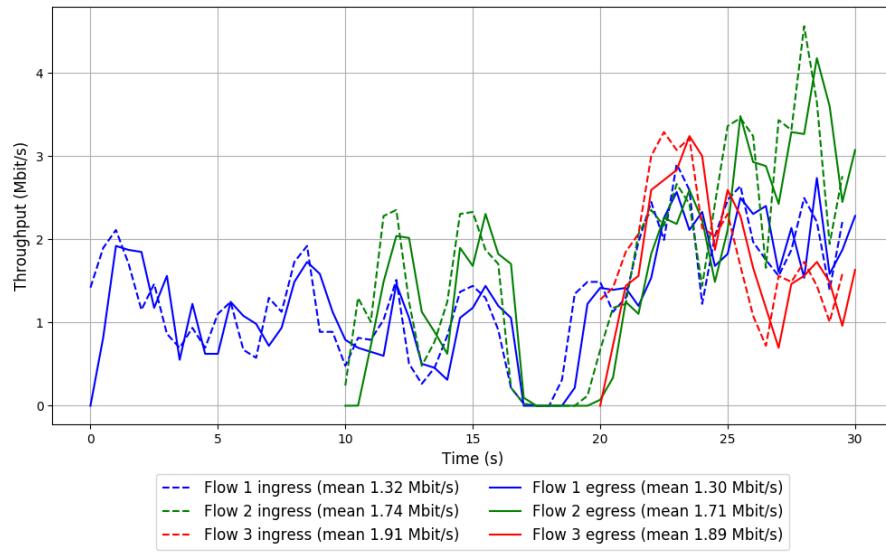


Run 10: Statistics of TCP Cubic

```
Start at: 2018-05-24 12:06:03
End at: 2018-05-24 12:06:33
Local clock offset: 2.937 ms
Remote clock offset: 2.471 ms

# Below is generated by plot.py at 2018-05-24 12:10:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.04 Mbit/s
95th percentile per-packet one-way delay: 377.579 ms
Loss rate: 2.26%
-- Flow 1:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 375.848 ms
Loss rate: 1.82%
-- Flow 2:
Average throughput: 1.71 Mbit/s
95th percentile per-packet one-way delay: 386.320 ms
Loss rate: 2.94%
-- Flow 3:
Average throughput: 1.89 Mbit/s
95th percentile per-packet one-way delay: 372.061 ms
Loss rate: 1.96%
```

Run 10: Report of TCP Cubic — Data Link

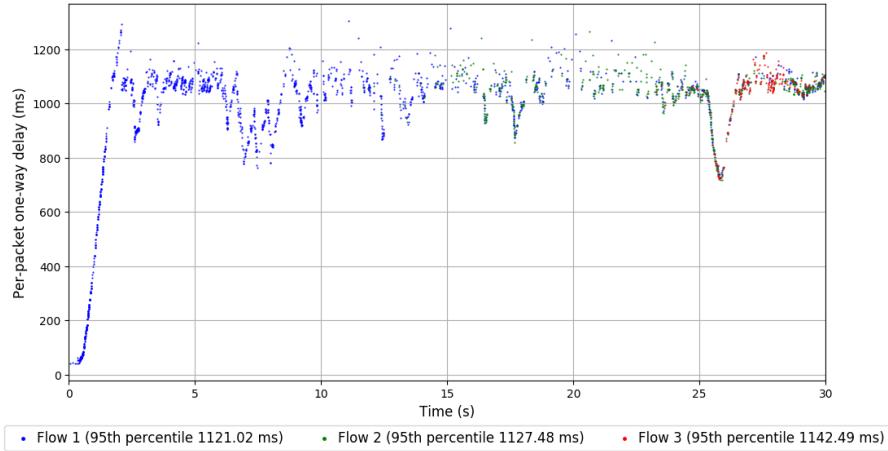
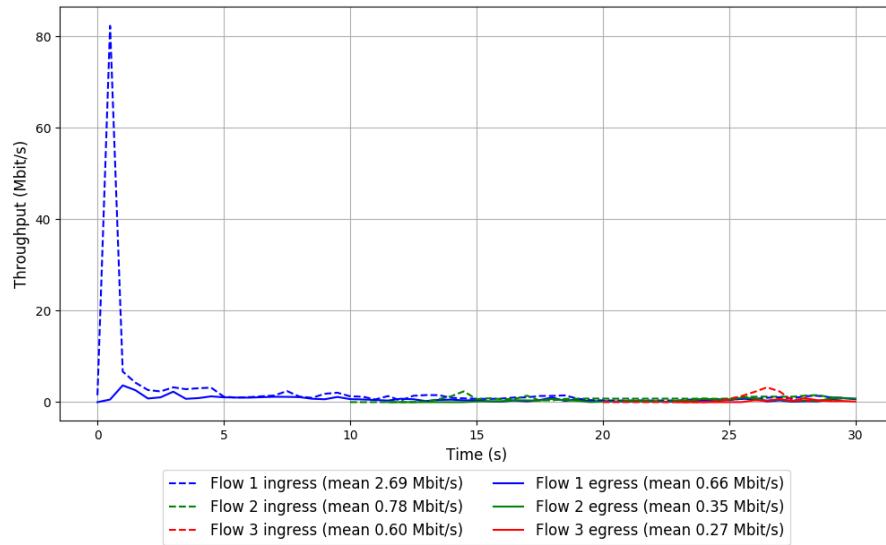


```
Run 1: Statistics of FillP

Start at: 2018-05-24 09:20:27
End at: 2018-05-24 09:20:57
Local clock offset: 2.418 ms
Remote clock offset: 6.875 ms

# Below is generated by plot.py at 2018-05-24 12:10:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.93 Mbit/s
95th percentile per-packet one-way delay: 1122.949 ms
Loss rate: 72.60%
-- Flow 1:
Average throughput: 0.66 Mbit/s
95th percentile per-packet one-way delay: 1121.018 ms
Loss rate: 75.43%
-- Flow 2:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 1127.477 ms
Loss rate: 59.09%
-- Flow 3:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 1142.494 ms
Loss rate: 69.63%
```

Run 1: Report of FillP — Data Link

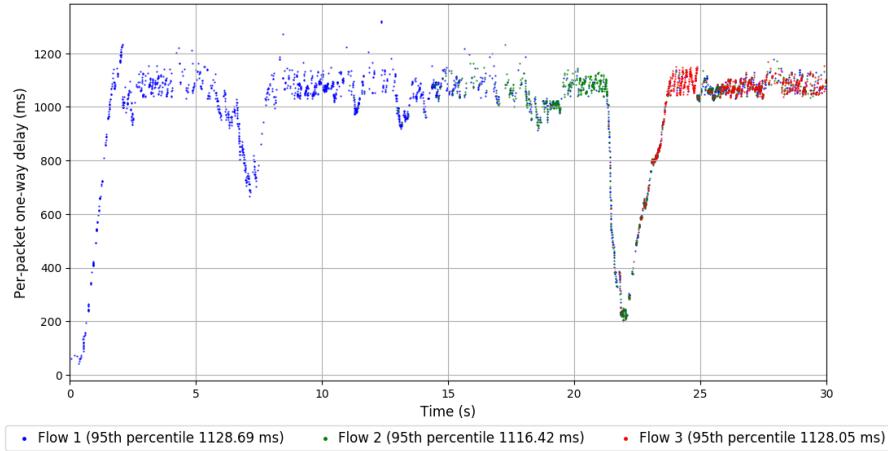
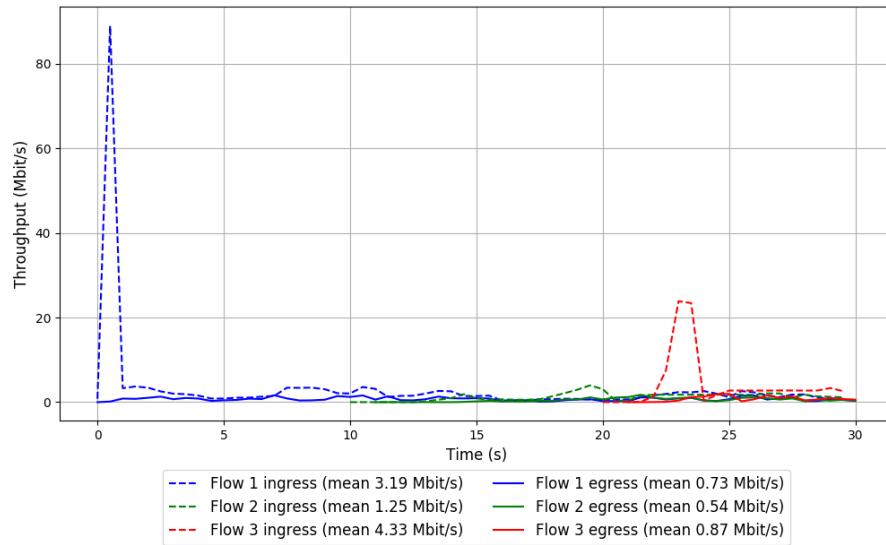


Run 2: Statistics of FillP

```
Start at: 2018-05-24 09:37:59
End at: 2018-05-24 09:38:29
Local clock offset: 1.245 ms
Remote clock offset: 14.253 ms

# Below is generated by plot.py at 2018-05-24 12:10:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 1126.460 ms
Loss rate: 75.87%
-- Flow 1:
Average throughput: 0.73 Mbit/s
95th percentile per-packet one-way delay: 1128.691 ms
Loss rate: 77.21%
-- Flow 2:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 1116.423 ms
Loss rate: 59.20%
-- Flow 3:
Average throughput: 0.87 Mbit/s
95th percentile per-packet one-way delay: 1128.052 ms
Loss rate: 82.60%
```

Run 2: Report of FillP — Data Link

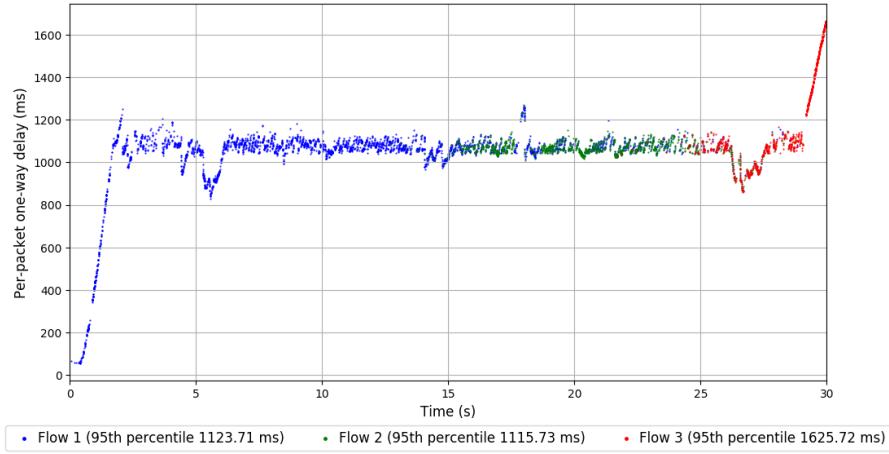
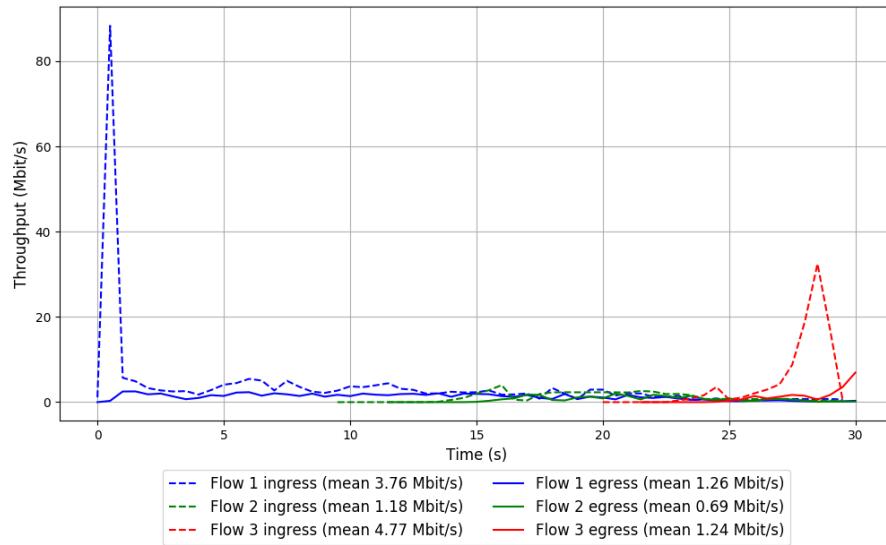


Run 3: Statistics of FillP

```
Start at: 2018-05-24 09:55:37
End at: 2018-05-24 09:56:07
Local clock offset: -2.744 ms
Remote clock offset: 4.281 ms

# Below is generated by plot.py at 2018-05-24 12:10:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.03 Mbit/s
95th percentile per-packet one-way delay: 1457.044 ms
Loss rate: 66.99%
-- Flow 1:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 1123.708 ms
Loss rate: 66.47%
-- Flow 2:
Average throughput: 0.69 Mbit/s
95th percentile per-packet one-way delay: 1115.730 ms
Loss rate: 46.92%
-- Flow 3:
Average throughput: 1.24 Mbit/s
95th percentile per-packet one-way delay: 1625.720 ms
Loss rate: 78.23%
```

Run 3: Report of FillP — Data Link

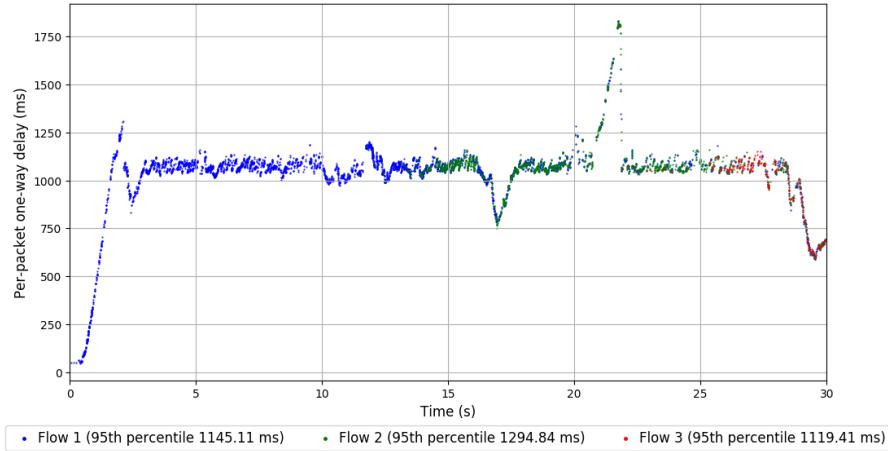
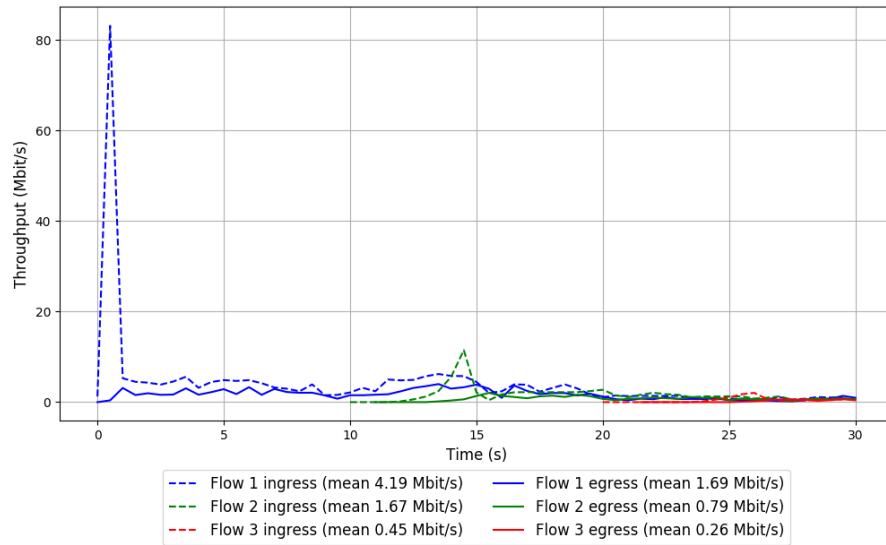


Run 4: Statistics of FillP

```
Start at: 2018-05-24 10:13:25
End at: 2018-05-24 10:13:55
Local clock offset: 2.185 ms
Remote clock offset: 1.124 ms

# Below is generated by plot.py at 2018-05-24 12:10:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 1157.912 ms
Loss rate: 58.59%
-- Flow 1:
Average throughput: 1.69 Mbit/s
95th percentile per-packet one-way delay: 1145.113 ms
Loss rate: 59.76%
-- Flow 2:
Average throughput: 0.79 Mbit/s
95th percentile per-packet one-way delay: 1294.837 ms
Loss rate: 54.83%
-- Flow 3:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 1119.408 ms
Loss rate: 53.55%
```

Run 4: Report of FillP — Data Link

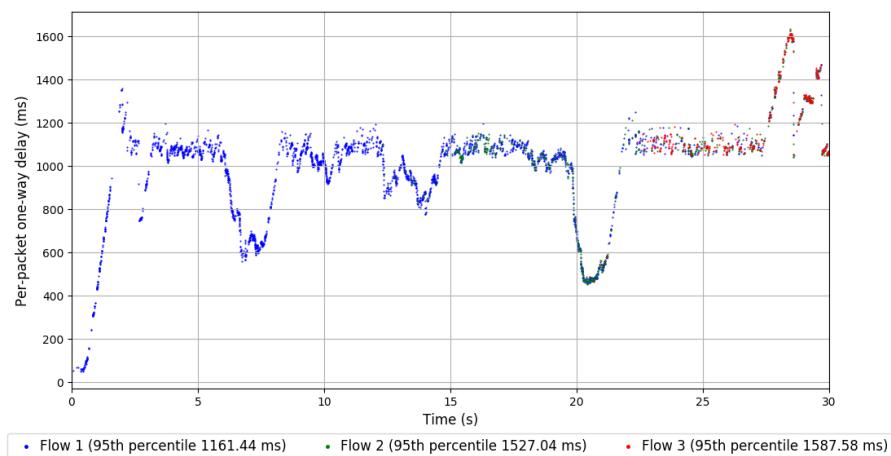
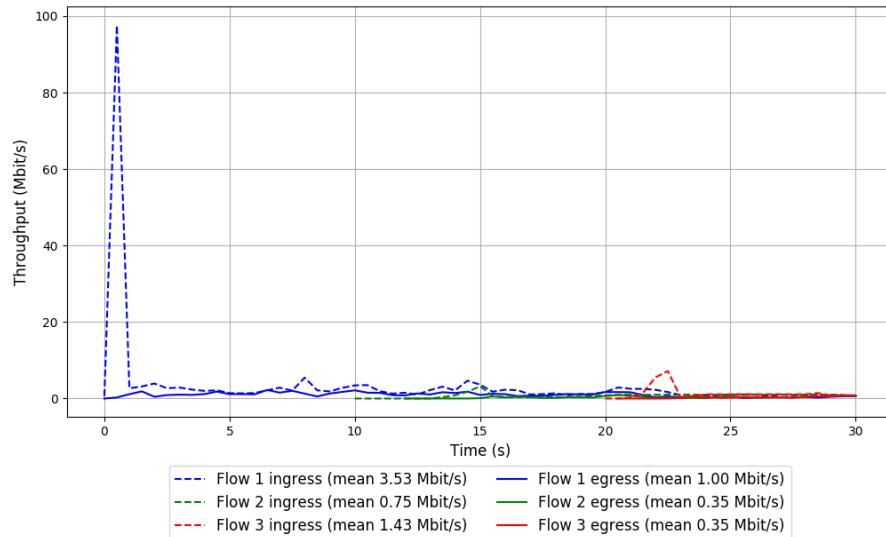


Run 5: Statistics of FillP

```
Start at: 2018-05-24 10:30:56
End at: 2018-05-24 10:31:26
Local clock offset: -1.188 ms
Remote clock offset: -4.587 ms

# Below is generated by plot.py at 2018-05-24 12:10:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 1323.210 ms
Loss rate: 70.73%
-- Flow 1:
Average throughput: 1.00 Mbit/s
95th percentile per-packet one-way delay: 1161.442 ms
Loss rate: 71.66%
-- Flow 2:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 1527.042 ms
Loss rate: 58.61%
-- Flow 3:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 1587.581 ms
Loss rate: 76.52%
```

Run 5: Report of FillP — Data Link

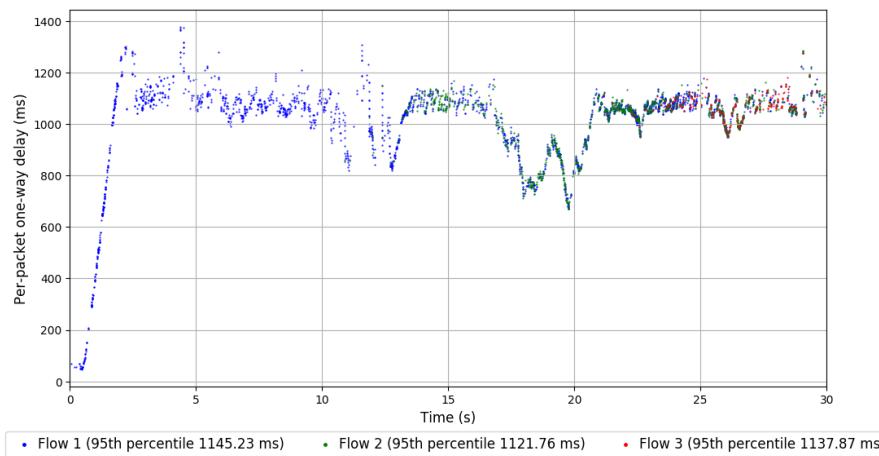
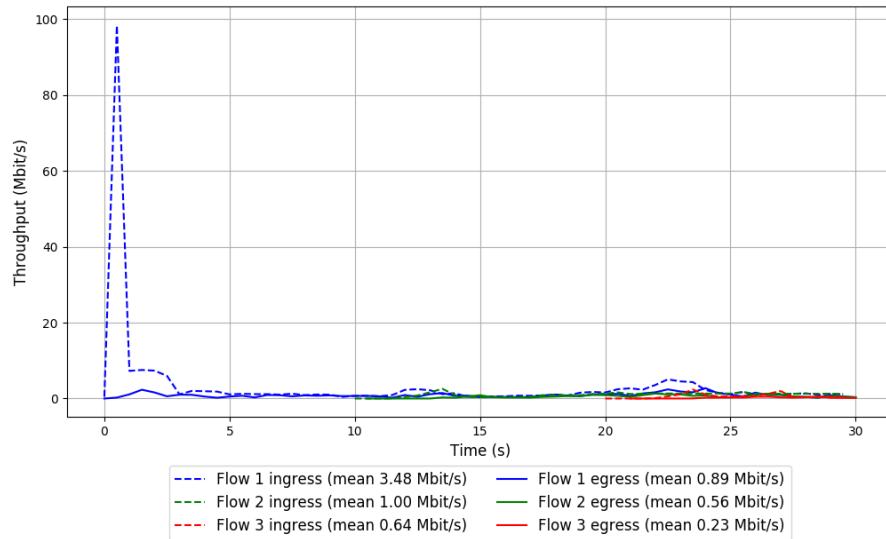


Run 6: Statistics of FillP

```
Start at: 2018-05-24 10:48:35
End at: 2018-05-24 10:49:05
Local clock offset: 0.138 ms
Remote clock offset: -5.7 ms

# Below is generated by plot.py at 2018-05-24 12:10:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 1134.712 ms
Loss rate: 69.83%
-- Flow 1:
Average throughput: 0.89 Mbit/s
95th percentile per-packet one-way delay: 1145.228 ms
Loss rate: 74.50%
-- Flow 2:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 1121.755 ms
Loss rate: 45.87%
-- Flow 3:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 1137.868 ms
Loss rate: 68.24%
```

Run 6: Report of FillP — Data Link

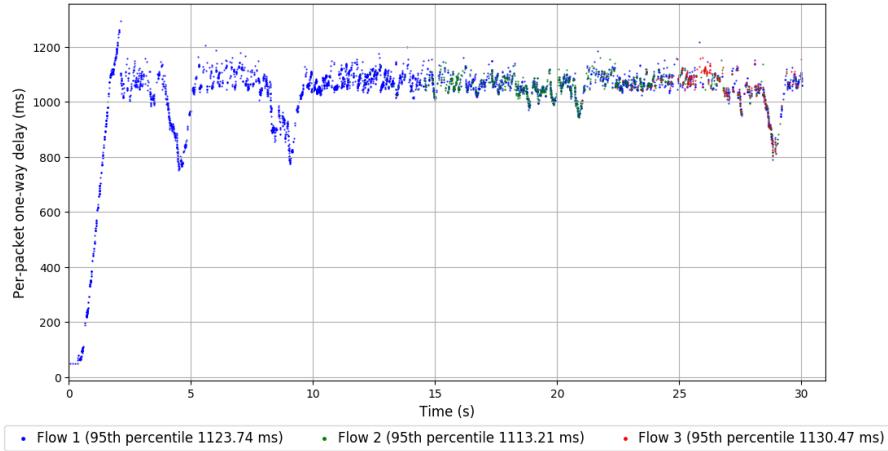
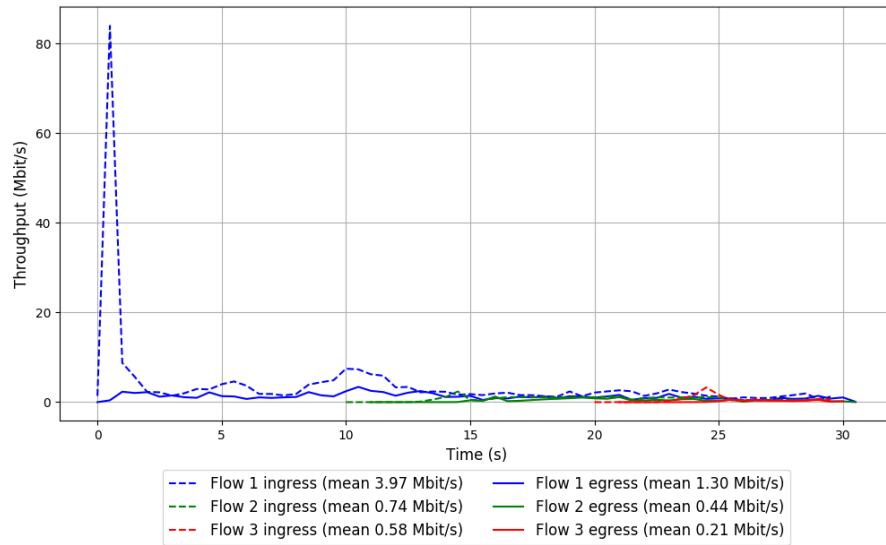


Run 7: Statistics of FillP

```
Start at: 2018-05-24 11:06:07
End at: 2018-05-24 11:06:37
Local clock offset: 0.668 ms
Remote clock offset: 4.511 ms

# Below is generated by plot.py at 2018-05-24 12:10:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.63 Mbit/s
95th percentile per-packet one-way delay: 1121.049 ms
Loss rate: 64.92%
-- Flow 1:
Average throughput: 1.30 Mbit/s
95th percentile per-packet one-way delay: 1123.741 ms
Loss rate: 67.25%
-- Flow 2:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 1113.214 ms
Loss rate: 45.12%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 1130.473 ms
Loss rate: 67.49%
```

Run 7: Report of FillP — Data Link

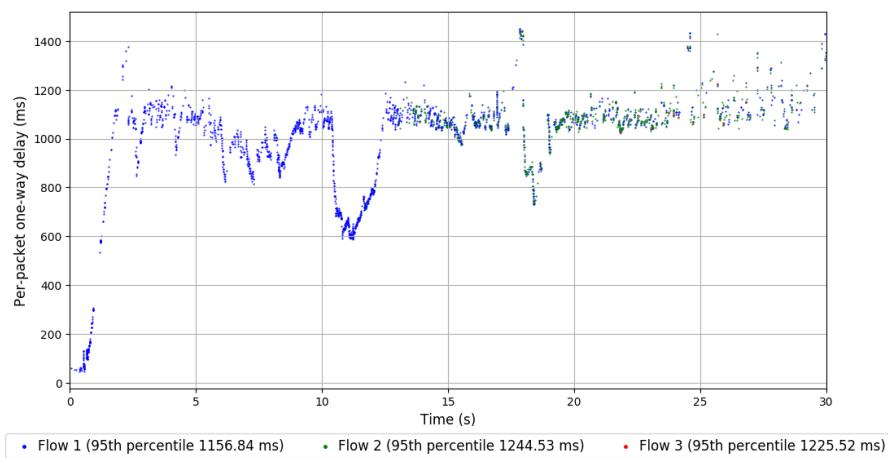
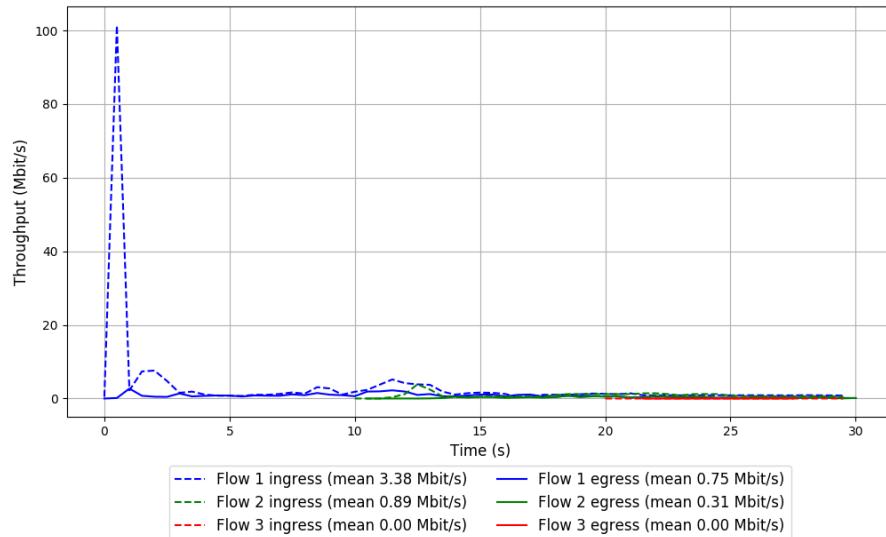


Run 8: Statistics of FillP

```
Start at: 2018-05-24 11:23:49
End at: 2018-05-24 11:24:19
Local clock offset: 1.783 ms
Remote clock offset: 6.968 ms

# Below is generated by plot.py at 2018-05-24 12:10:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.95 Mbit/s
95th percentile per-packet one-way delay: 1178.325 ms
Loss rate: 76.26%
-- Flow 1:
Average throughput: 0.75 Mbit/s
95th percentile per-packet one-way delay: 1156.838 ms
Loss rate: 77.99%
-- Flow 2:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 1244.534 ms
Loss rate: 66.43%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1225.522 ms
Loss rate: 74.49%
```

Run 8: Report of FillP — Data Link

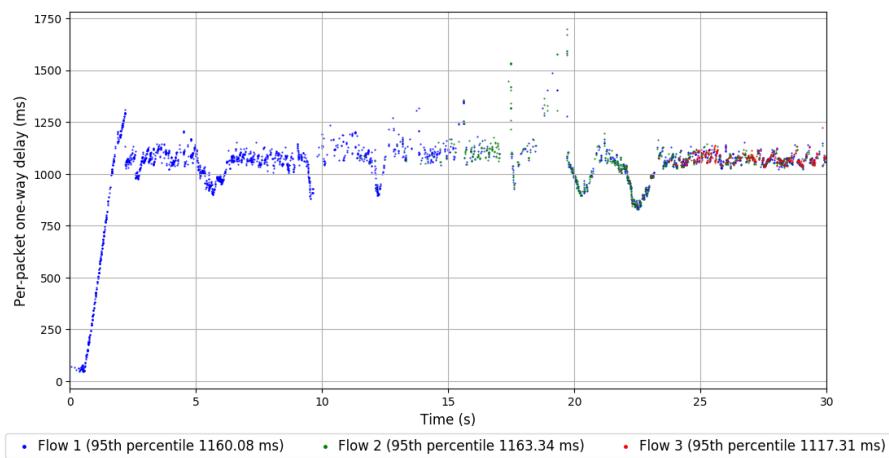
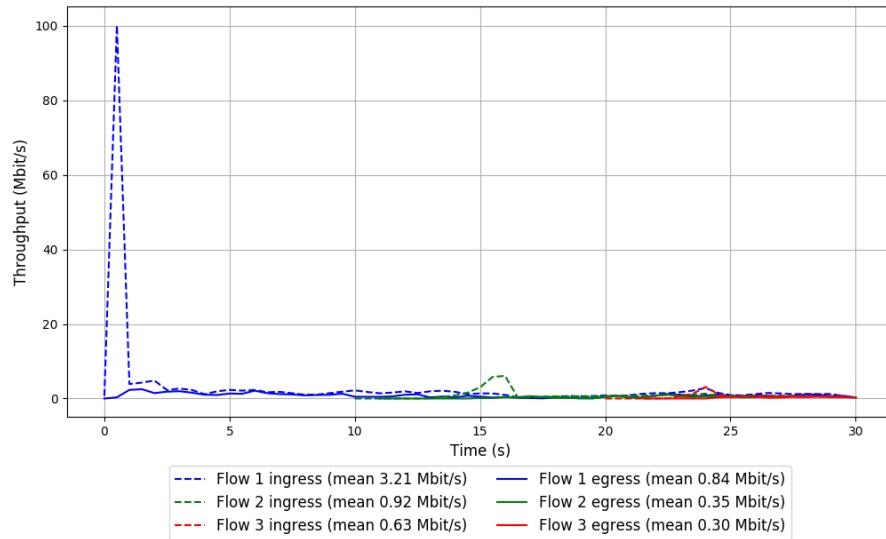


Run 9: Statistics of FillP

```
Start at: 2018-05-24 11:41:34
End at: 2018-05-24 11:42:04
Local clock offset: 0.58 ms
Remote clock offset: 4.023 ms

# Below is generated by plot.py at 2018-05-24 12:10:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.14 Mbit/s
95th percentile per-packet one-way delay: 1155.975 ms
Loss rate: 71.84%
-- Flow 1:
Average throughput: 0.84 Mbit/s
95th percentile per-packet one-way delay: 1160.081 ms
Loss rate: 73.99%
-- Flow 2:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 1163.340 ms
Loss rate: 64.26%
-- Flow 3:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 1117.313 ms
Loss rate: 60.90%
```

Run 9: Report of FillP — Data Link

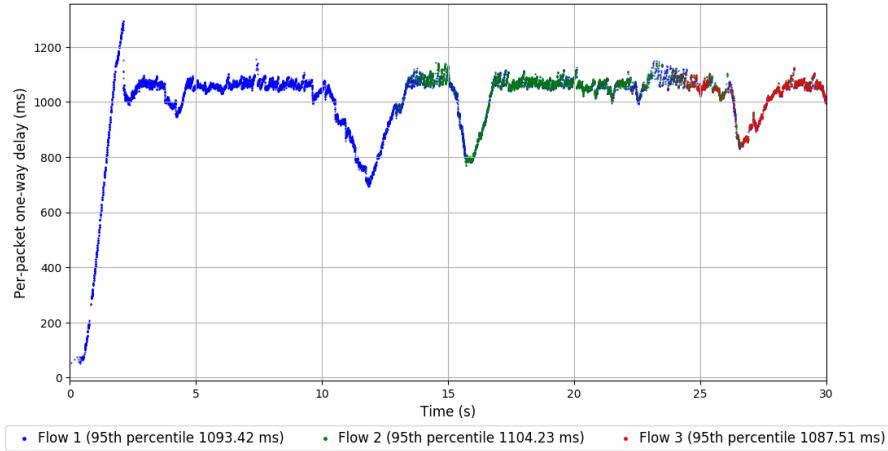
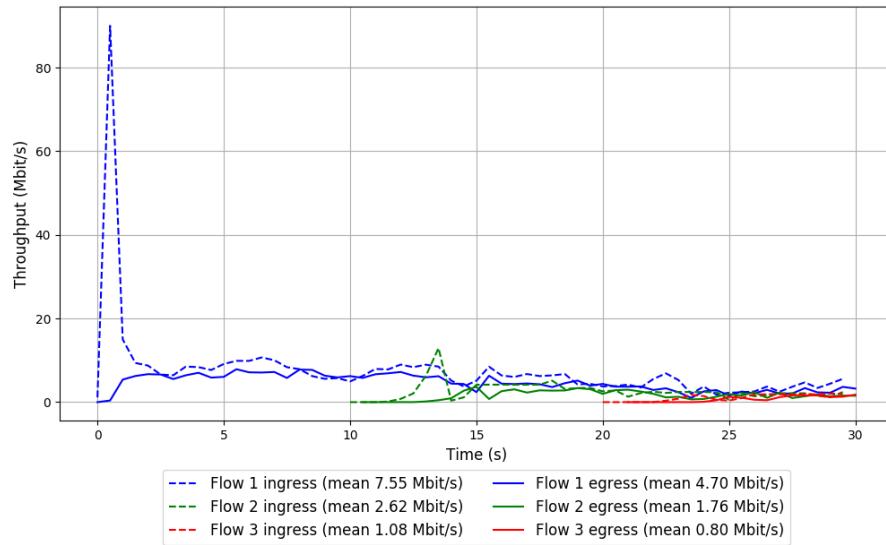


Run 10: Statistics of FillP

```
Start at: 2018-05-24 11:59:24
End at: 2018-05-24 11:59:54
Local clock offset: -2.807 ms
Remote clock offset: 3.936 ms

# Below is generated by plot.py at 2018-05-24 12:11:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 6.06 Mbit/s
95th percentile per-packet one-way delay: 1096.138 ms
Loss rate: 37.30%
-- Flow 1:
Average throughput: 4.70 Mbit/s
95th percentile per-packet one-way delay: 1093.421 ms
Loss rate: 37.83%
-- Flow 2:
Average throughput: 1.76 Mbit/s
95th percentile per-packet one-way delay: 1104.234 ms
Loss rate: 35.75%
-- Flow 3:
Average throughput: 0.80 Mbit/s
95th percentile per-packet one-way delay: 1087.514 ms
Loss rate: 33.60%
```

Run 10: Report of FillP — Data Link

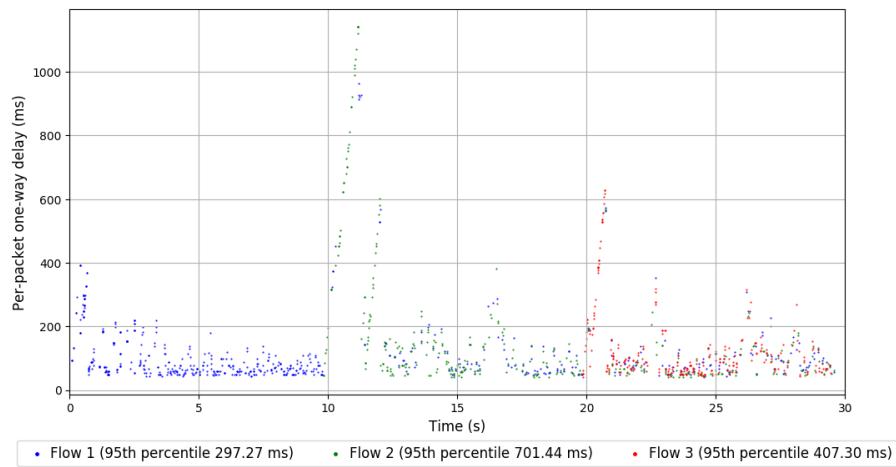
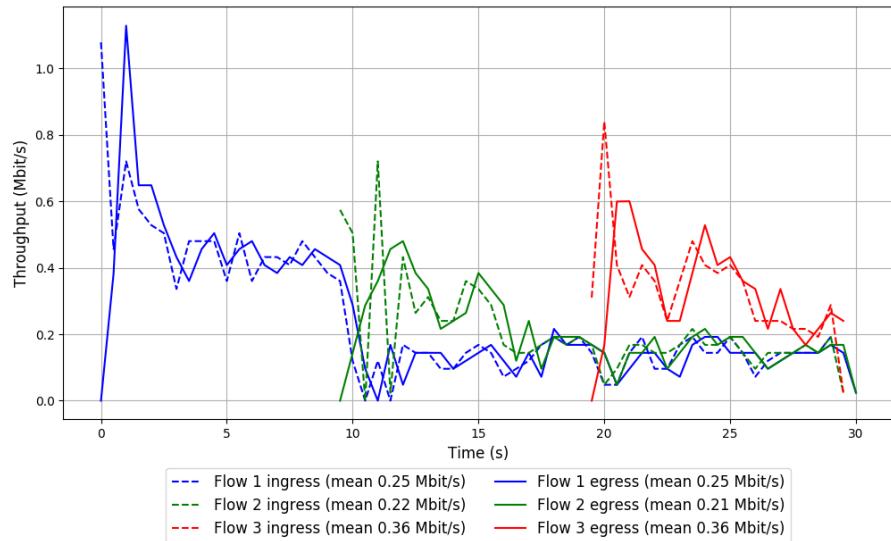


Run 1: Statistics of Indigo

```
Start at: 2018-05-24 09:19:21
End at: 2018-05-24 09:19:51
Local clock offset: 0.672 ms
Remote clock offset: 4.687 ms

# Below is generated by plot.py at 2018-05-24 12:11:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 447.134 ms
Loss rate: 1.03%
-- Flow 1:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 297.275 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 701.437 ms
Loss rate: 1.13%
-- Flow 3:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 407.296 ms
Loss rate: 1.73%
```

Run 1: Report of Indigo — Data Link

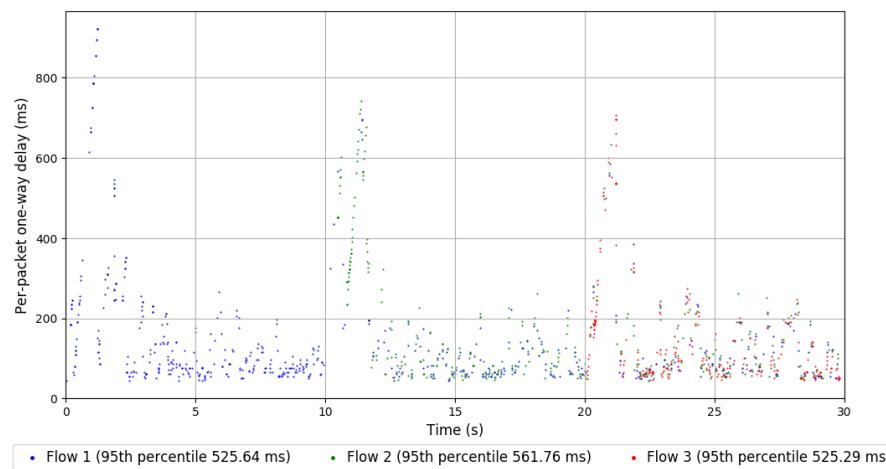
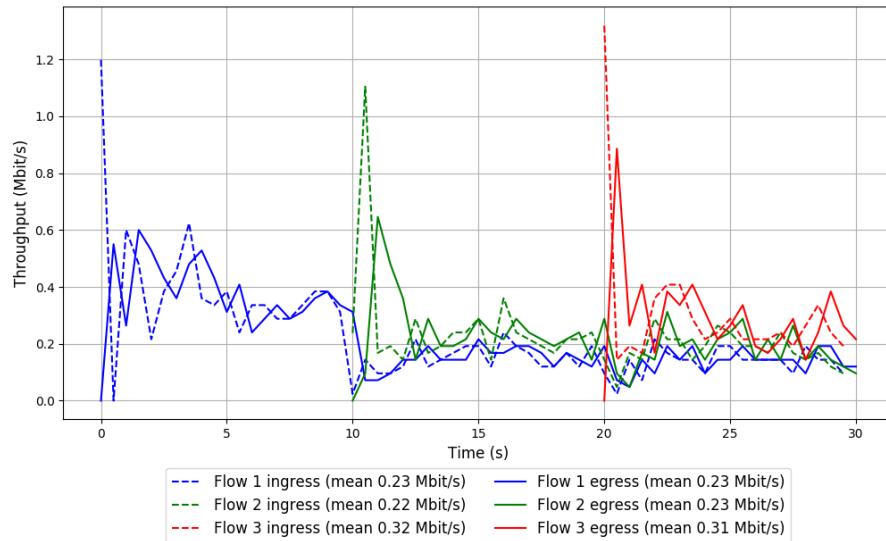


Run 2: Statistics of Indigo

```
Start at: 2018-05-24 09:36:54
End at: 2018-05-24 09:37:24
Local clock offset: -2.423 ms
Remote clock offset: 14.003 ms

# Below is generated by plot.py at 2018-05-24 12:11:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 536.679 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 525.645 ms
Loss rate: 0.88%
-- Flow 2:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 561.764 ms
Loss rate: 1.09%
-- Flow 3:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 525.290 ms
Loss rate: 0.78%
```

Run 2: Report of Indigo — Data Link

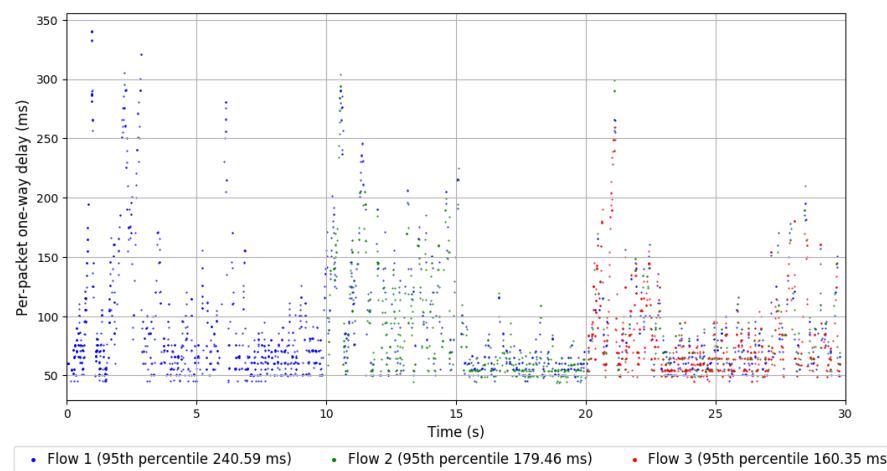
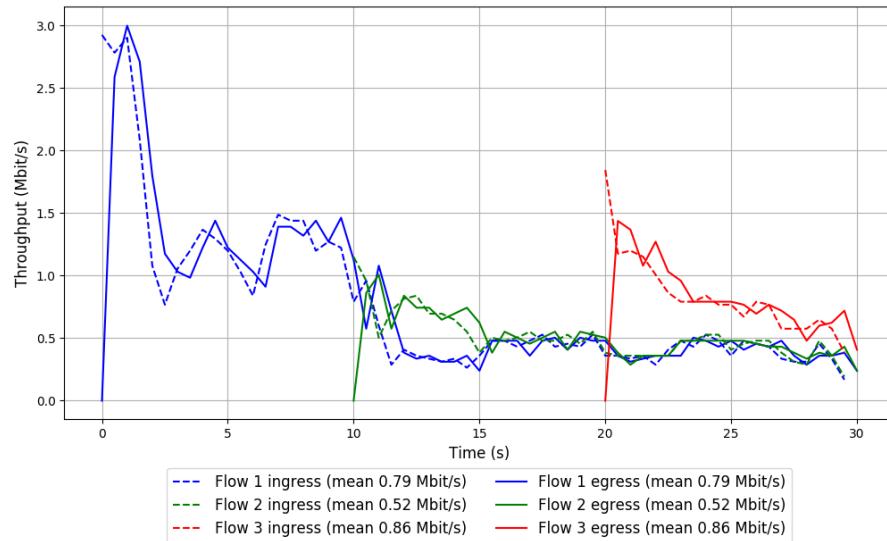


Run 3: Statistics of Indigo

```
Start at: 2018-05-24 09:54:31
End at: 2018-05-24 09:55:01
Local clock offset: 0.283 ms
Remote clock offset: 4.102 ms

# Below is generated by plot.py at 2018-05-24 12:11:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.41 Mbit/s
95th percentile per-packet one-way delay: 200.359 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 0.79 Mbit/s
95th percentile per-packet one-way delay: 240.594 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 0.52 Mbit/s
95th percentile per-packet one-way delay: 179.458 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 0.86 Mbit/s
95th percentile per-packet one-way delay: 160.349 ms
Loss rate: 0.14%
```

Run 3: Report of Indigo — Data Link

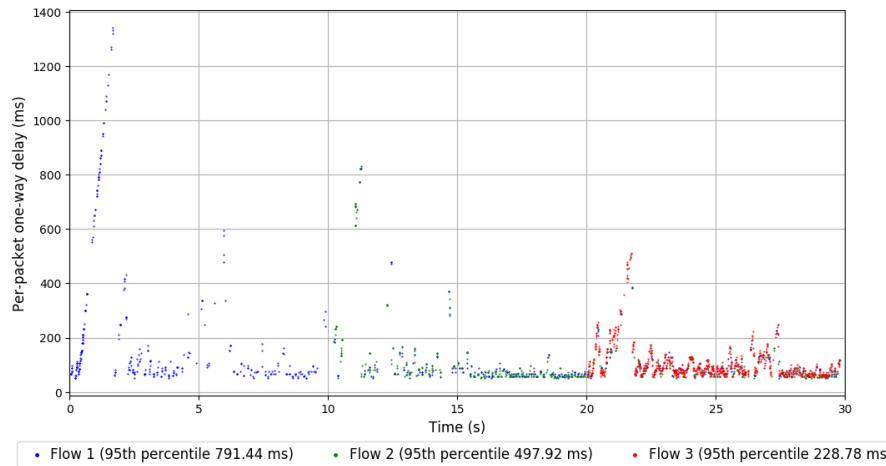
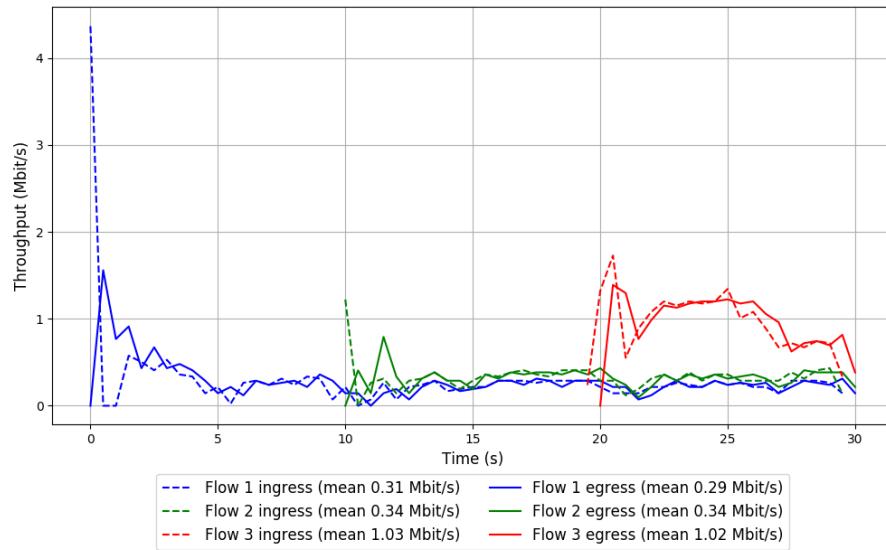


Run 4: Statistics of Indigo

```
Start at: 2018-05-24 10:12:19
End at: 2018-05-24 10:12:49
Local clock offset: -0.687 ms
Remote clock offset: 1.549 ms

# Below is generated by plot.py at 2018-05-24 12:11:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.85 Mbit/s
95th percentile per-packet one-way delay: 419.158 ms
Loss rate: 2.14%
-- Flow 1:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 791.438 ms
Loss rate: 5.74%
-- Flow 2:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 497.921 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 1.02 Mbit/s
95th percentile per-packet one-way delay: 228.780 ms
Loss rate: 0.12%
```

Run 4: Report of Indigo — Data Link

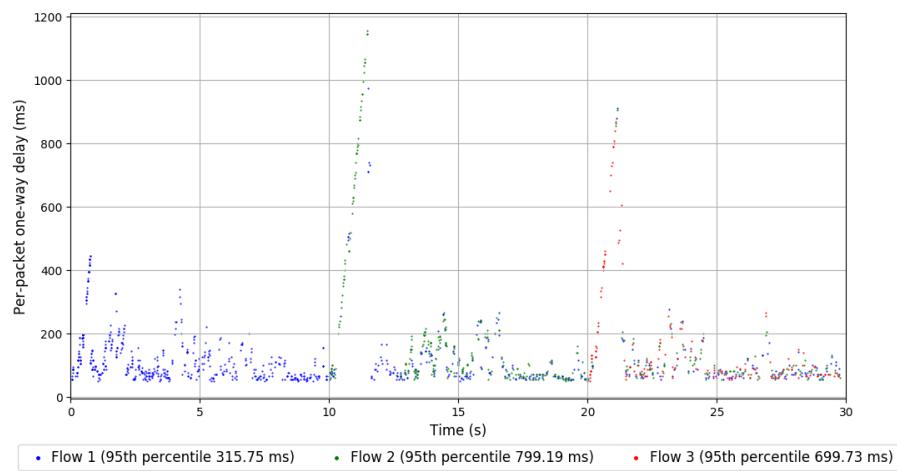
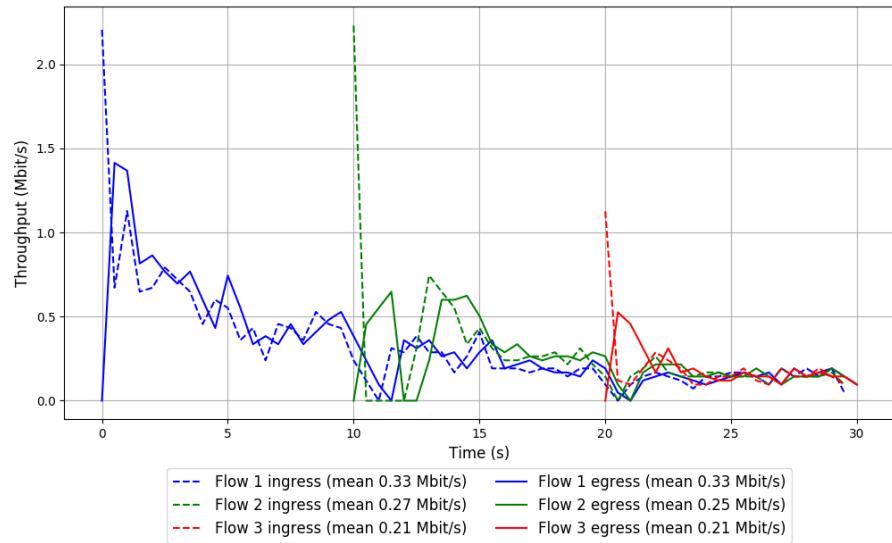


Run 5: Statistics of Indigo

```
Start at: 2018-05-24 10:29:51
End at: 2018-05-24 10:30:21
Local clock offset: 0.877 ms
Remote clock offset: -3.306 ms

# Below is generated by plot.py at 2018-05-24 12:11:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 450.134 ms
Loss rate: 2.09%
-- Flow 1:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 315.754 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 799.189 ms
Loss rate: 5.68%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 699.729 ms
Loss rate: 2.37%
```

Run 5: Report of Indigo — Data Link

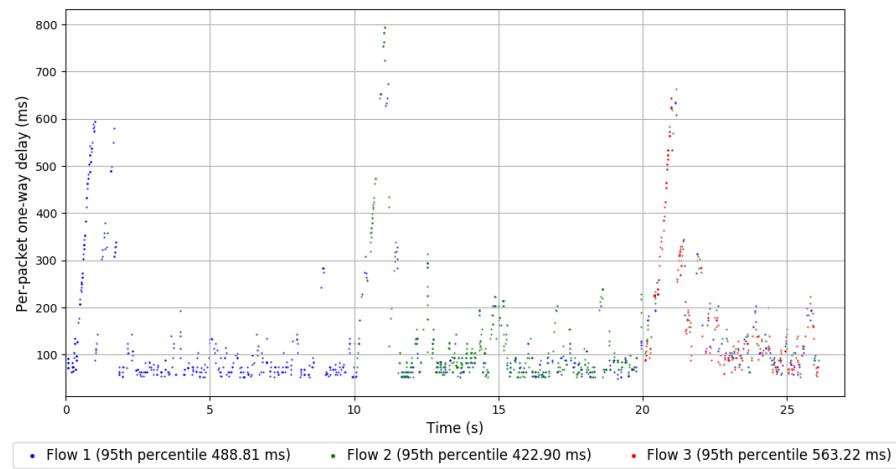
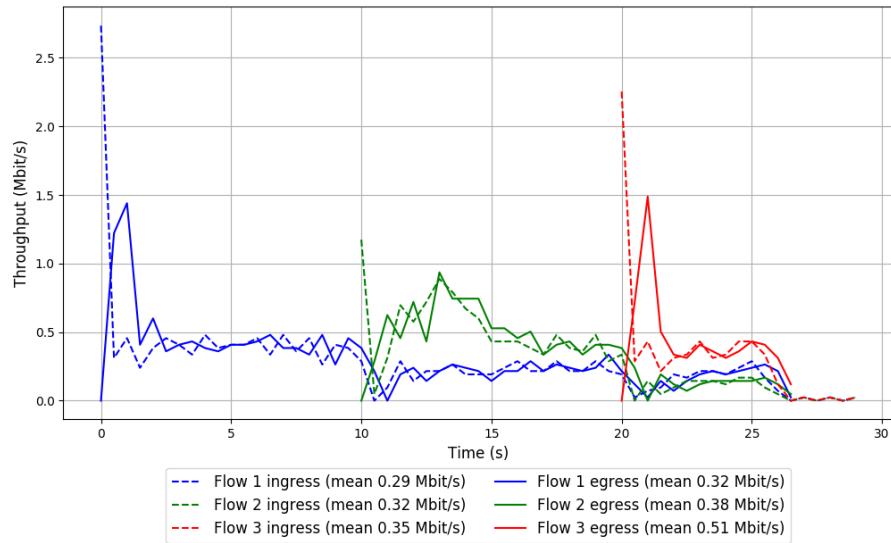


Run 6: Statistics of Indigo

```
Start at: 2018-05-24 10:47:29
End at: 2018-05-24 10:47:59
Local clock offset: -2.861 ms
Remote clock offset: -5.821 ms

# Below is generated by plot.py at 2018-05-24 12:11:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.66 Mbit/s
95th percentile per-packet one-way delay: 507.888 ms
Loss rate: 1.71%
-- Flow 1:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 488.805 ms
Loss rate: 1.30%
-- Flow 2:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 422.901 ms
Loss rate: 1.18%
-- Flow 3:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 563.218 ms
Loss rate: 3.80%
```

Run 6: Report of Indigo — Data Link

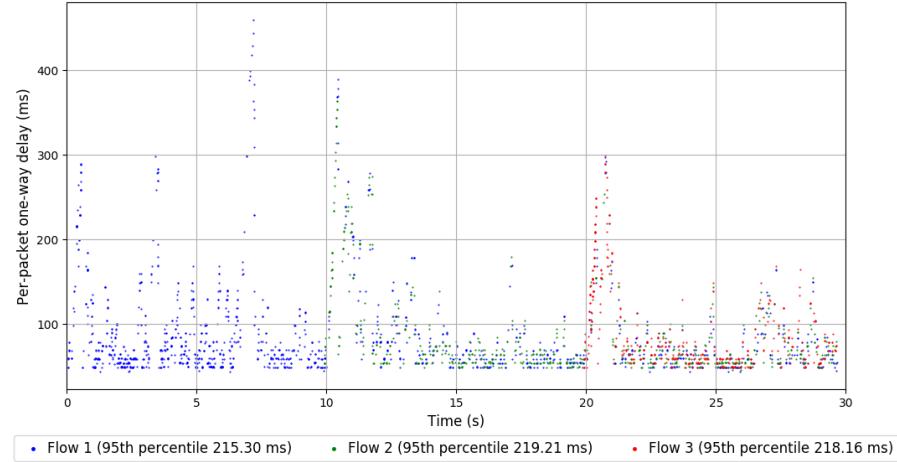
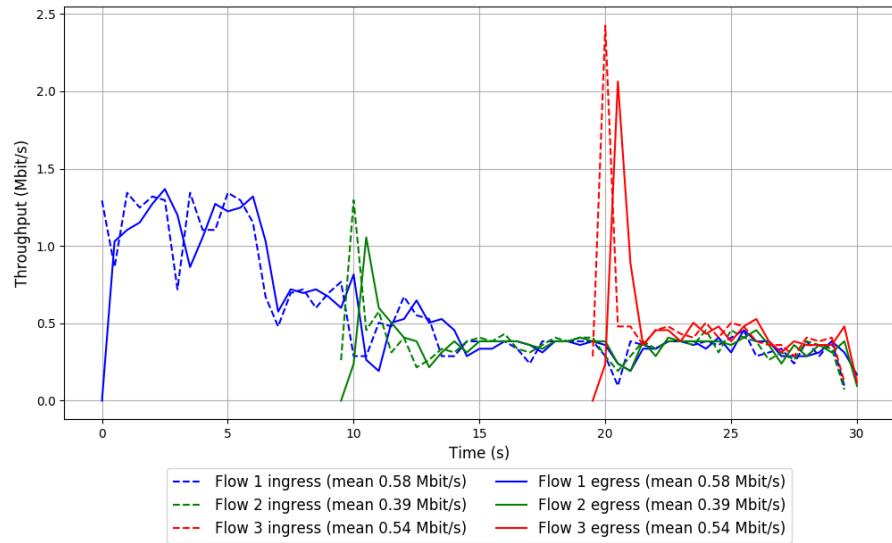


Run 7: Statistics of Indigo

```
Start at: 2018-05-24 11:05:01
End at: 2018-05-24 11:05:31
Local clock offset: 0.711 ms
Remote clock offset: 2.396 ms

# Below is generated by plot.py at 2018-05-24 12:11:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.02 Mbit/s
95th percentile per-packet one-way delay: 218.173 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 215.301 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 219.209 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 218.157 ms
Loss rate: 0.00%
```

Run 7: Report of Indigo — Data Link

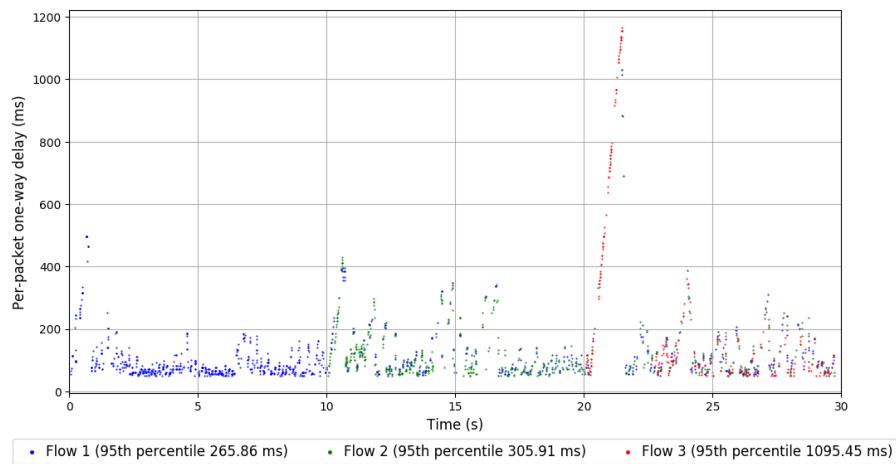
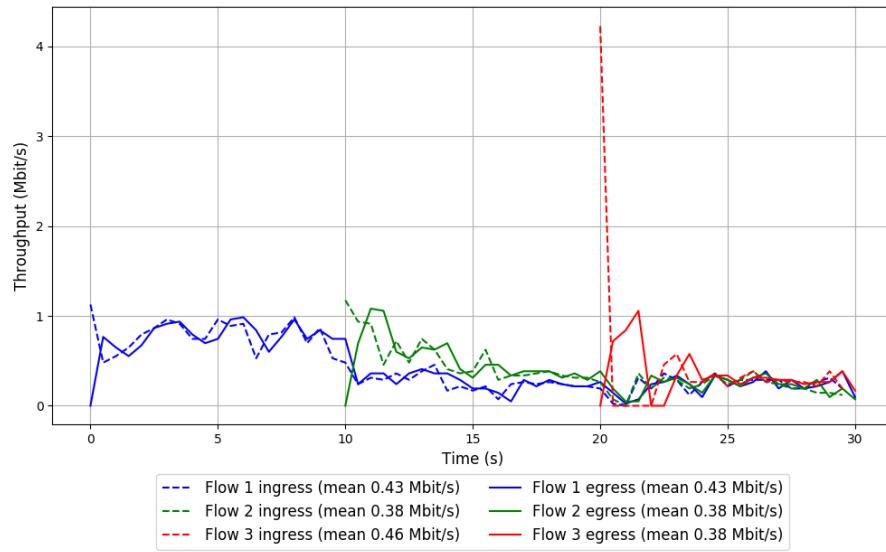


Run 8: Statistics of Indigo

```
Start at: 2018-05-24 11:22:43
End at: 2018-05-24 11:23:13
Local clock offset: -0.283 ms
Remote clock offset: 7.361 ms

# Below is generated by plot.py at 2018-05-24 12:11:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.80 Mbit/s
95th percentile per-packet one-way delay: 391.481 ms
Loss rate: 4.01%
-- Flow 1:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 265.862 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 305.908 ms
Loss rate: 0.96%
-- Flow 3:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 1095.451 ms
Loss rate: 18.82%
```

Run 8: Report of Indigo — Data Link

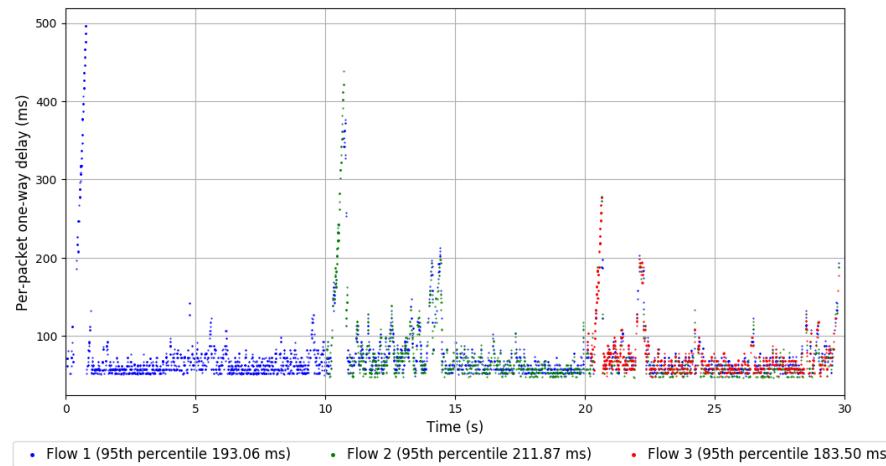
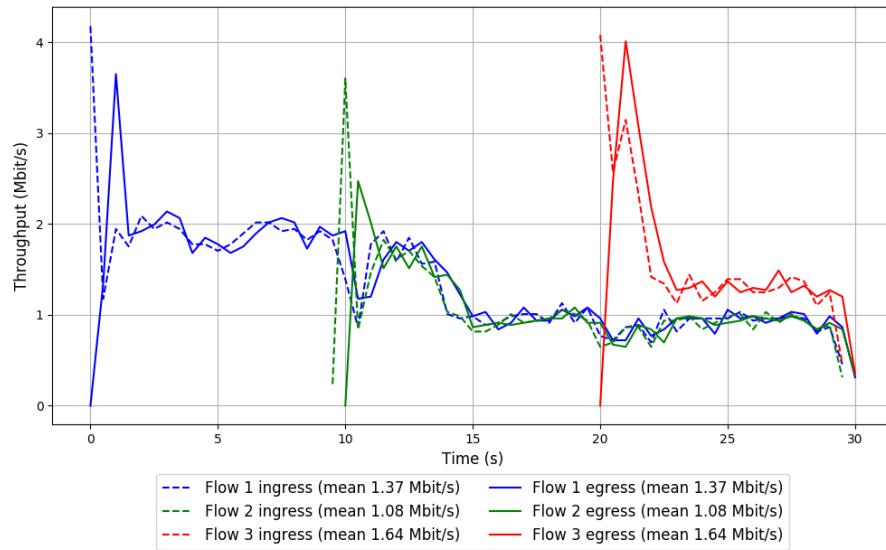


Run 9: Statistics of Indigo

```
Start at: 2018-05-24 11:40:28
End at: 2018-05-24 11:40:58
Local clock offset: 0.28 ms
Remote clock offset: 5.077 ms

# Below is generated by plot.py at 2018-05-24 12:11:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.61 Mbit/s
95th percentile per-packet one-way delay: 193.060 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 1.37 Mbit/s
95th percentile per-packet one-way delay: 193.060 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 1.08 Mbit/s
95th percentile per-packet one-way delay: 211.865 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 1.64 Mbit/s
95th percentile per-packet one-way delay: 183.502 ms
Loss rate: 0.90%
```

Run 9: Report of Indigo — Data Link

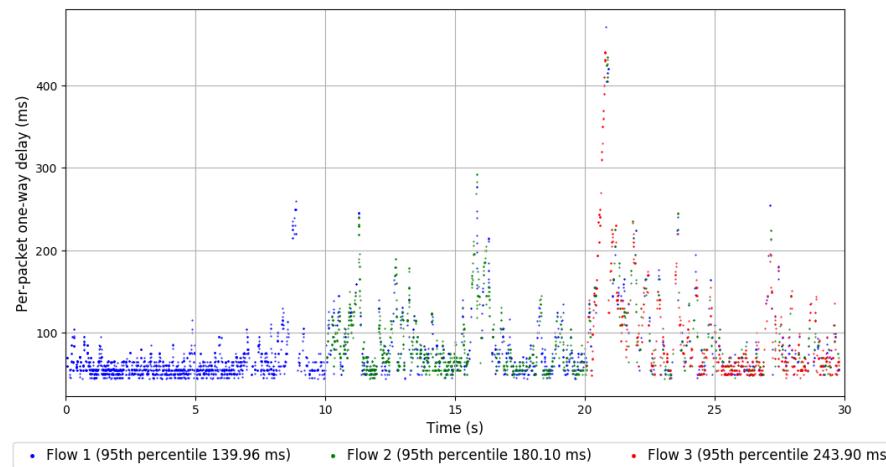
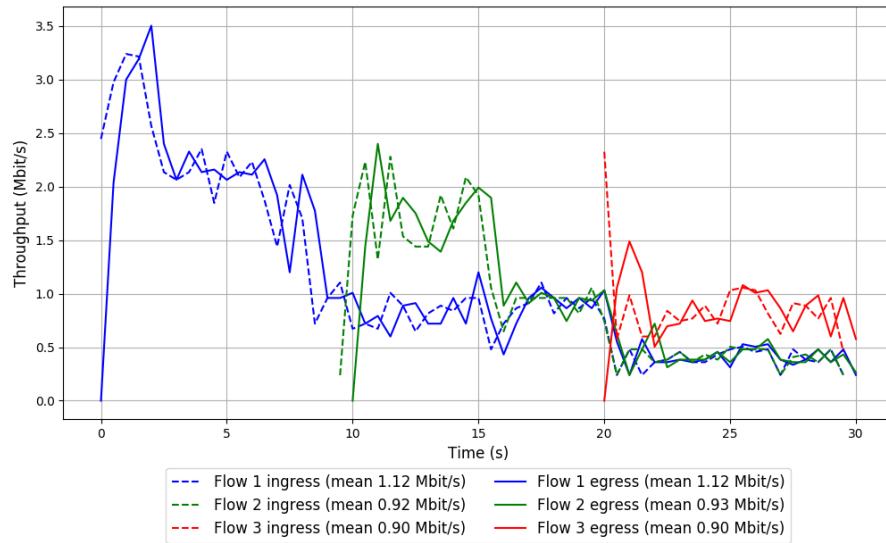


Run 10: Statistics of Indigo

```
Start at: 2018-05-24 11:58:13
End at: 2018-05-24 11:58:43
Local clock offset: 2.337 ms
Remote clock offset: 3.278 ms

# Below is generated by plot.py at 2018-05-24 12:11:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.03 Mbit/s
95th percentile per-packet one-way delay: 174.664 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 139.959 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.93 Mbit/s
95th percentile per-packet one-way delay: 180.098 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 0.90 Mbit/s
95th percentile per-packet one-way delay: 243.899 ms
Loss rate: 0.55%
```

Run 10: Report of Indigo — Data Link

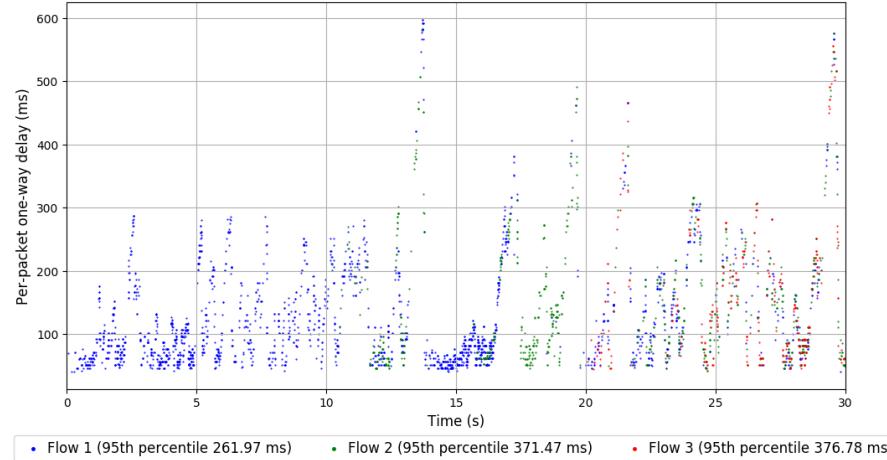
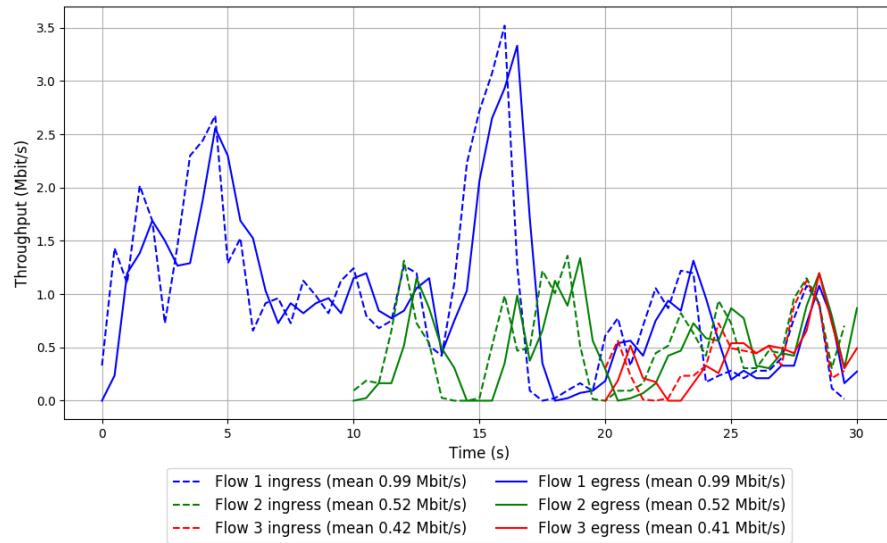


```
Run 1: Statistics of LEDBAT

Start at: 2018-05-24 09:24:48
End at: 2018-05-24 09:25:18
Local clock offset: 0.068 ms
Remote clock offset: 8.977 ms

# Below is generated by plot.py at 2018-05-24 12:11:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 296.010 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 0.99 Mbit/s
95th percentile per-packet one-way delay: 261.973 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 0.52 Mbit/s
95th percentile per-packet one-way delay: 371.469 ms
Loss rate: 1.13%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 376.780 ms
Loss rate: 1.41%
```

Run 1: Report of LEDBAT — Data Link

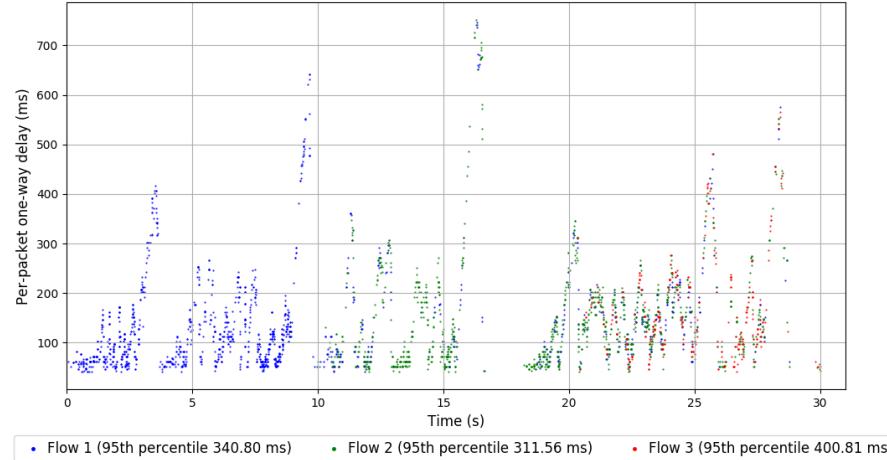
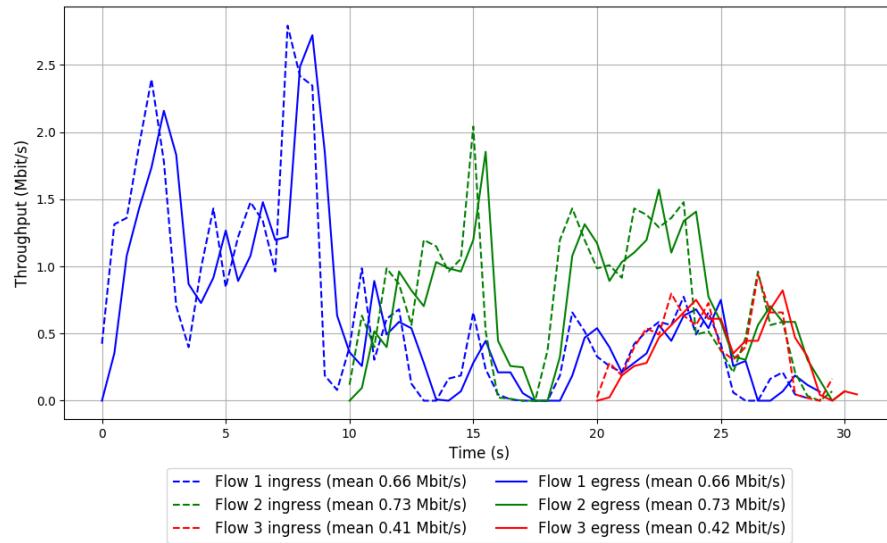


Run 2: Statistics of LEDBAT

```
Start at: 2018-05-24 09:42:22
End at: 2018-05-24 09:42:52
Local clock offset: 0.126 ms
Remote clock offset: 15.961 ms

# Below is generated by plot.py at 2018-05-24 12:11:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.25 Mbit/s
95th percentile per-packet one-way delay: 335.423 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 0.66 Mbit/s
95th percentile per-packet one-way delay: 340.797 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 0.73 Mbit/s
95th percentile per-packet one-way delay: 311.563 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 400.814 ms
Loss rate: 1.14%
```

Run 2: Report of LEDBAT — Data Link

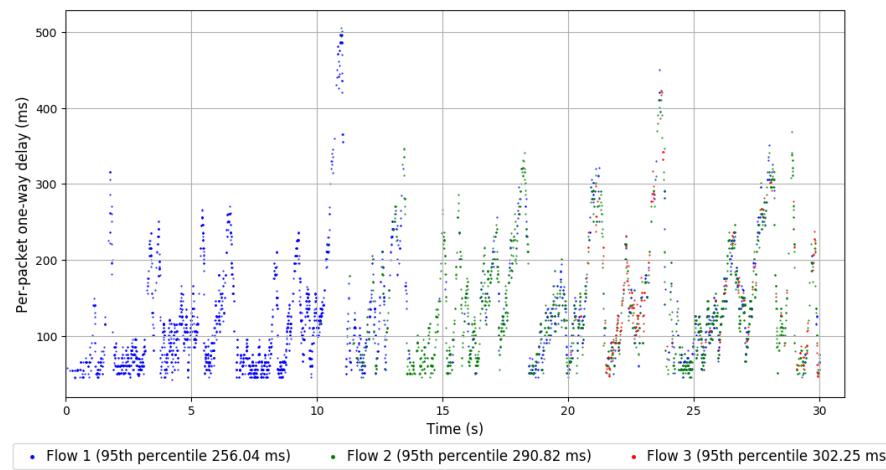
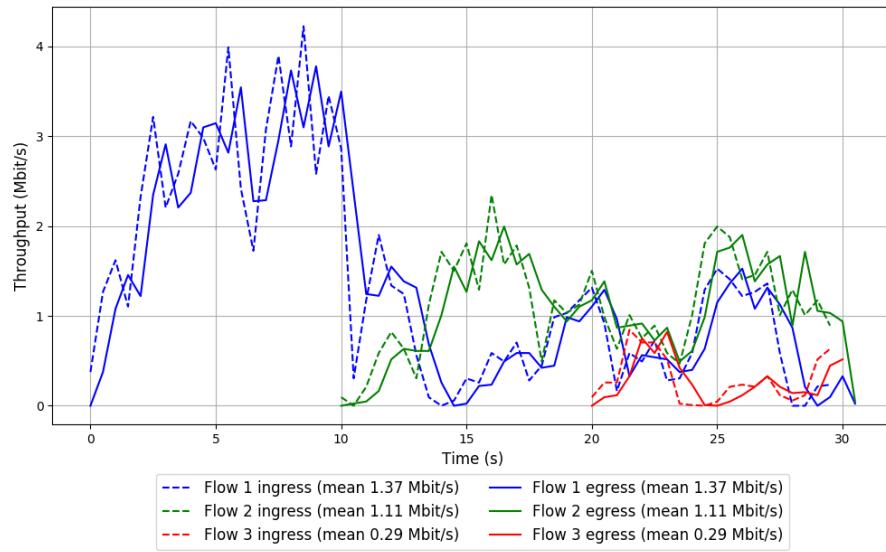


Run 3: Statistics of LEDBAT

```
Start at: 2018-05-24 10:00:01
End at: 2018-05-24 10:00:31
Local clock offset: 1.799 ms
Remote clock offset: 2.824 ms

# Below is generated by plot.py at 2018-05-24 12:11:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.20 Mbit/s
95th percentile per-packet one-way delay: 271.116 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 1.37 Mbit/s
95th percentile per-packet one-way delay: 256.043 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 1.11 Mbit/s
95th percentile per-packet one-way delay: 290.824 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 302.249 ms
Loss rate: 3.99%
```

Run 3: Report of LEDBAT — Data Link

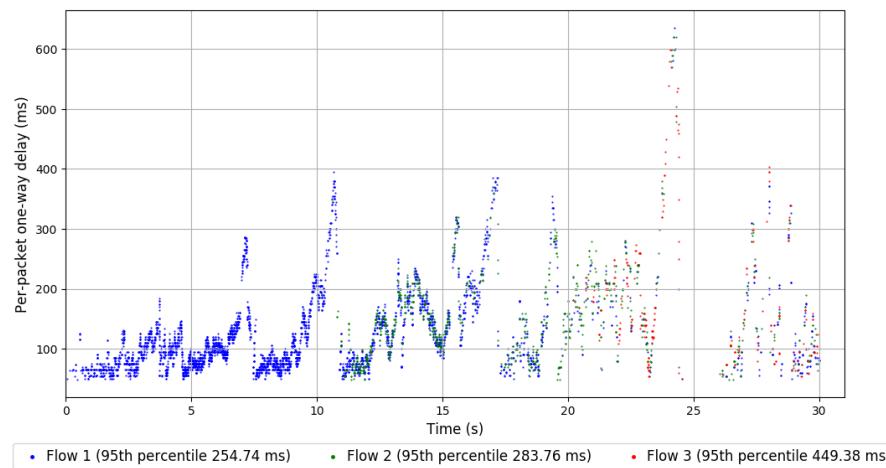
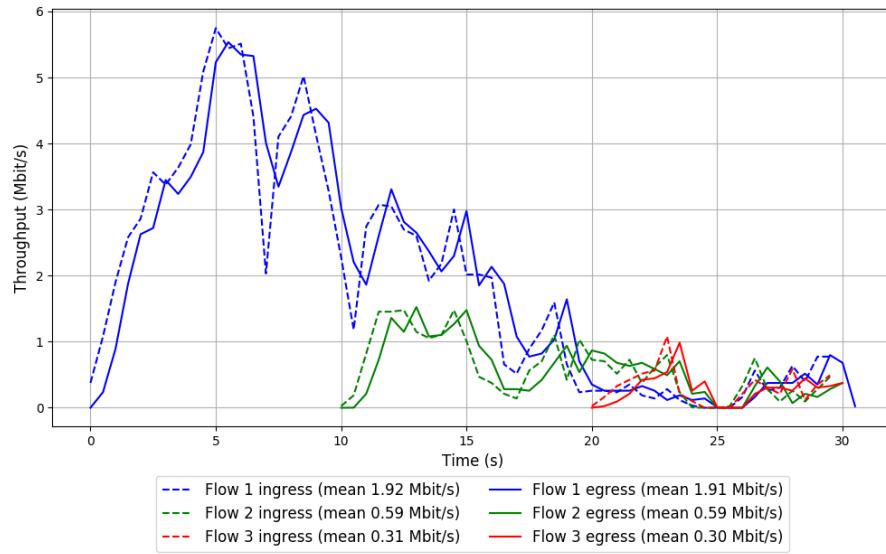


Run 4: Statistics of LEDBAT

```
Start at: 2018-05-24 10:17:49
End at: 2018-05-24 10:18:19
Local clock offset: -0.253 ms
Remote clock offset: 1.385 ms

# Below is generated by plot.py at 2018-05-24 12:11:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 269.658 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 1.91 Mbit/s
95th percentile per-packet one-way delay: 254.736 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 0.59 Mbit/s
95th percentile per-packet one-way delay: 283.759 ms
Loss rate: 0.80%
-- Flow 3:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 449.377 ms
Loss rate: 3.07%
```

Run 4: Report of LEDBAT — Data Link

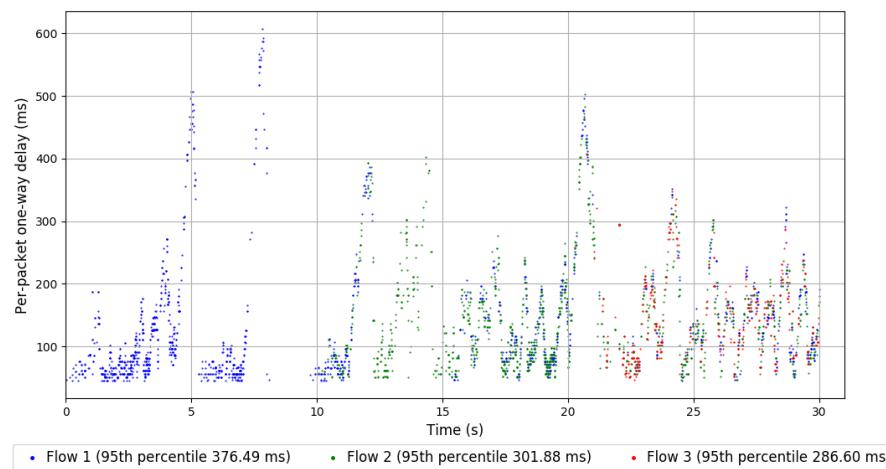
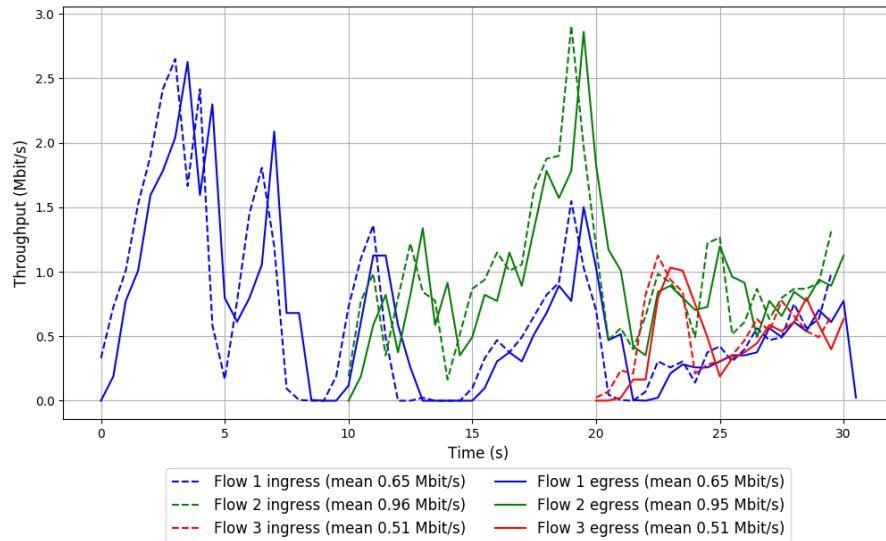


Run 5: Statistics of LEDBAT

```
Start at: 2018-05-24 10:35:20
End at: 2018-05-24 10:35:50
Local clock offset: 2.108 ms
Remote clock offset: -4.02 ms

# Below is generated by plot.py at 2018-05-24 12:11:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.44 Mbit/s
95th percentile per-packet one-way delay: 321.384 ms
Loss rate: 1.45%
-- Flow 1:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: 376.486 ms
Loss rate: 1.26%
-- Flow 2:
Average throughput: 0.95 Mbit/s
95th percentile per-packet one-way delay: 301.880 ms
Loss rate: 1.35%
-- Flow 3:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 286.600 ms
Loss rate: 2.53%
```

Run 5: Report of LEDBAT — Data Link

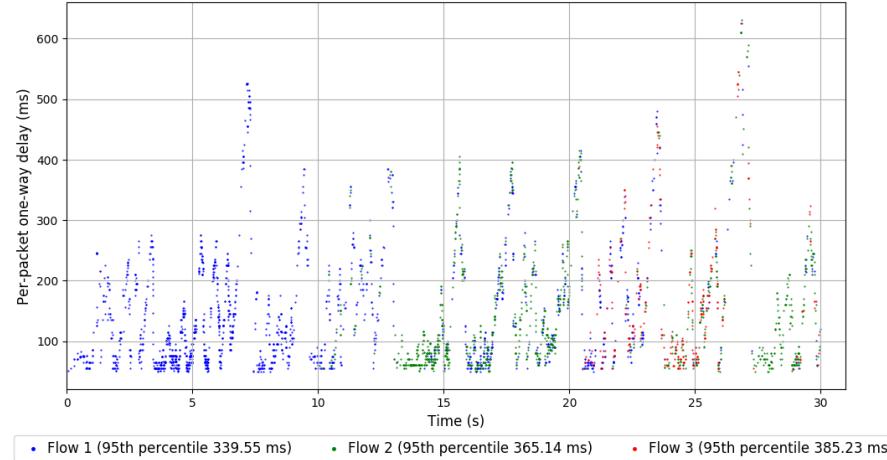
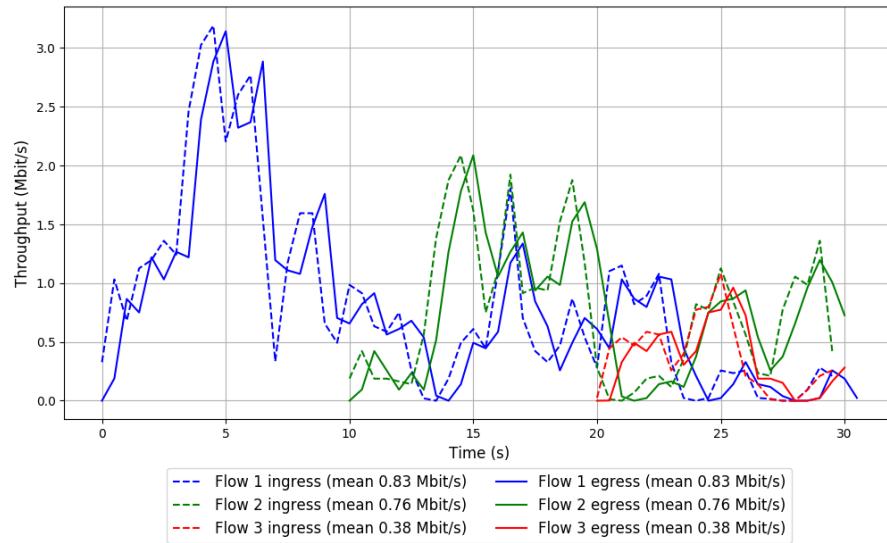


Run 6: Statistics of LEDBAT

```
Start at: 2018-05-24 10:53:00
End at: 2018-05-24 10:53:30
Local clock offset: -2.981 ms
Remote clock offset: -4.624 ms

# Below is generated by plot.py at 2018-05-24 12:11:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.45 Mbit/s
95th percentile per-packet one-way delay: 354.662 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 0.83 Mbit/s
95th percentile per-packet one-way delay: 339.548 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 0.76 Mbit/s
95th percentile per-packet one-way delay: 365.140 ms
Loss rate: 0.77%
-- Flow 3:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 385.226 ms
Loss rate: 2.19%
```

Run 6: Report of LEDBAT — Data Link

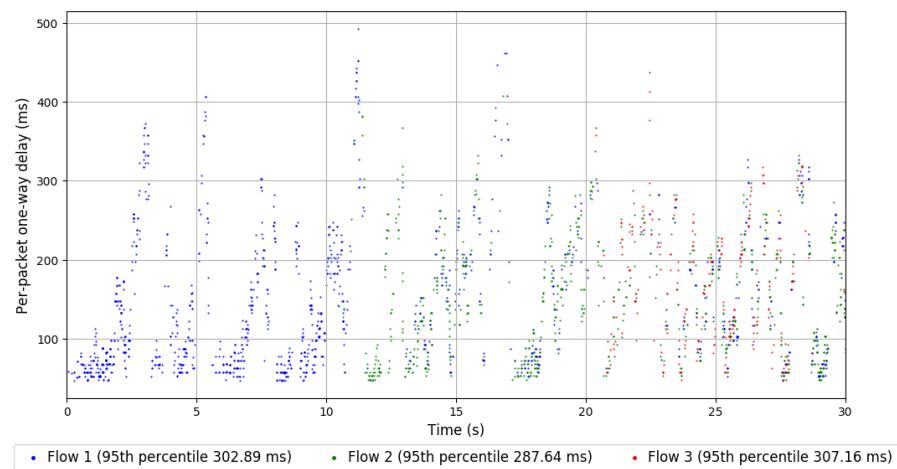
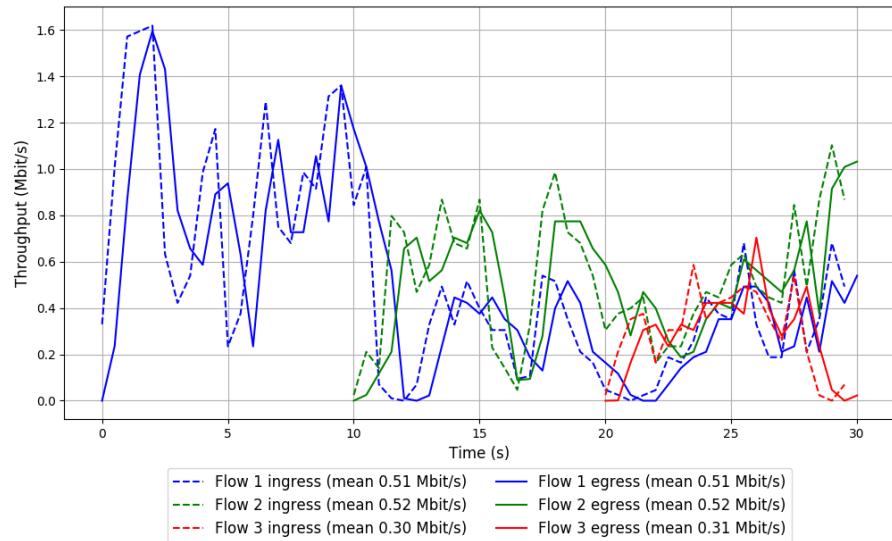


Run 7: Statistics of LEDBAT

```
Start at: 2018-05-24 11:10:30
End at: 2018-05-24 11:11:00
Local clock offset: 1.003 ms
Remote clock offset: 5.831 ms

# Below is generated by plot.py at 2018-05-24 12:11:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.95 Mbit/s
95th percentile per-packet one-way delay: 297.740 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 302.888 ms
Loss rate: 1.14%
-- Flow 2:
Average throughput: 0.52 Mbit/s
95th percentile per-packet one-way delay: 287.637 ms
Loss rate: 1.24%
-- Flow 3:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 307.161 ms
Loss rate: 1.97%
```

Run 7: Report of LEDBAT — Data Link

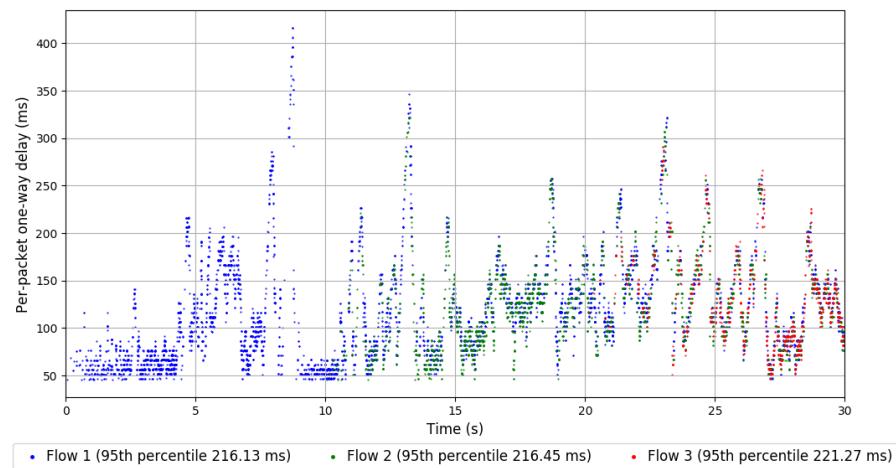
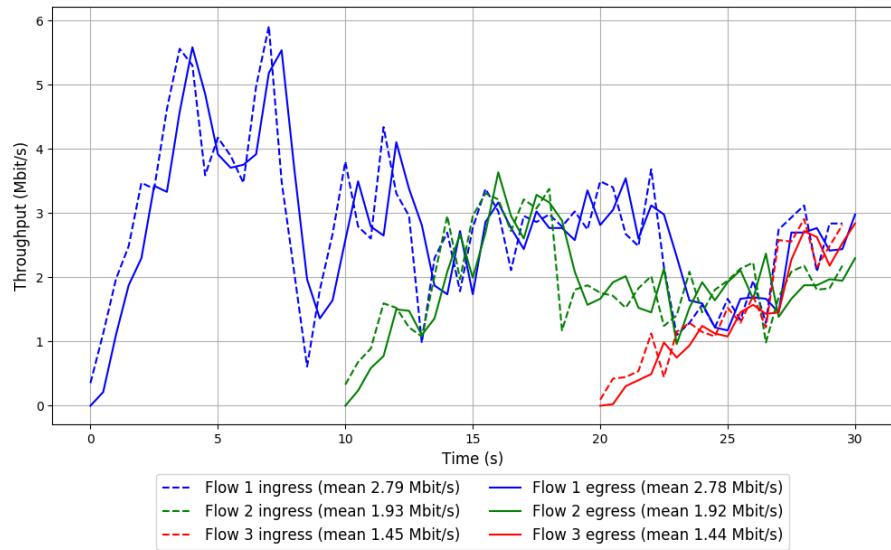


Run 8: Statistics of LEDBAT

```
Start at: 2018-05-24 11:28:13
End at: 2018-05-24 11:28:43
Local clock offset: 3.388 ms
Remote clock offset: 7.412 ms

# Below is generated by plot.py at 2018-05-24 12:11:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.52 Mbit/s
95th percentile per-packet one-way delay: 216.265 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 2.78 Mbit/s
95th percentile per-packet one-way delay: 216.128 ms
Loss rate: 0.56%
-- Flow 2:
Average throughput: 1.92 Mbit/s
95th percentile per-packet one-way delay: 216.453 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 1.44 Mbit/s
95th percentile per-packet one-way delay: 221.274 ms
Loss rate: 1.94%
```

Run 8: Report of LEDBAT — Data Link

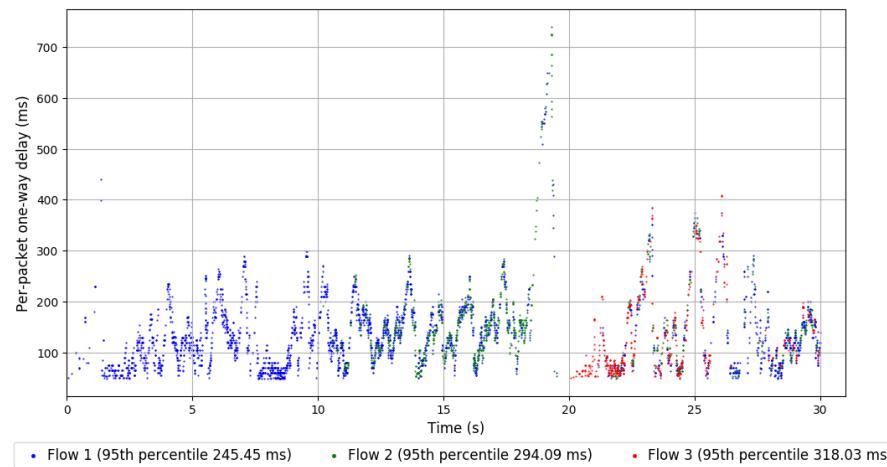
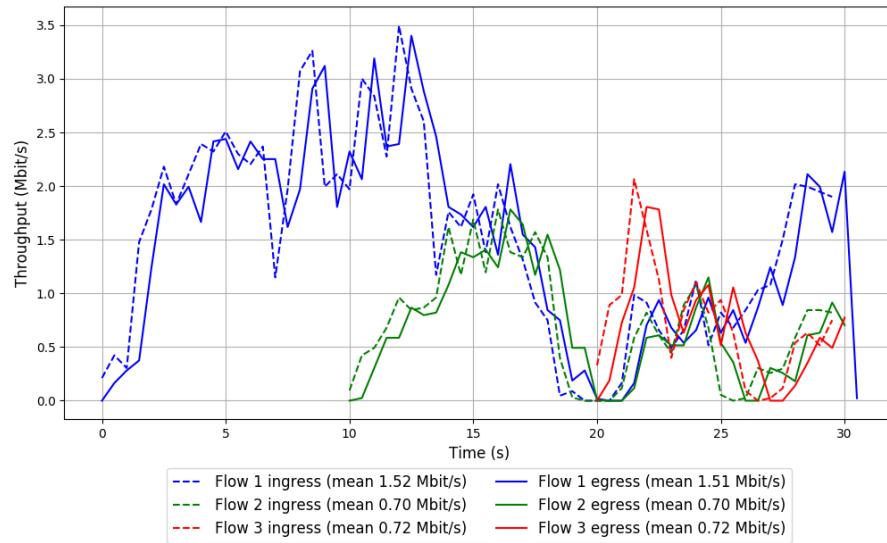


Run 9: Statistics of LEDBAT

```
Start at: 2018-05-24 11:46:08
End at: 2018-05-24 11:46:38
Local clock offset: 0.695 ms
Remote clock offset: 4.423 ms

# Below is generated by plot.py at 2018-05-24 12:11:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 258.822 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 1.51 Mbit/s
95th percentile per-packet one-way delay: 245.446 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 0.70 Mbit/s
95th percentile per-packet one-way delay: 294.087 ms
Loss rate: 1.59%
-- Flow 3:
Average throughput: 0.72 Mbit/s
95th percentile per-packet one-way delay: 318.031 ms
Loss rate: 1.95%
```

Run 9: Report of LEDBAT — Data Link

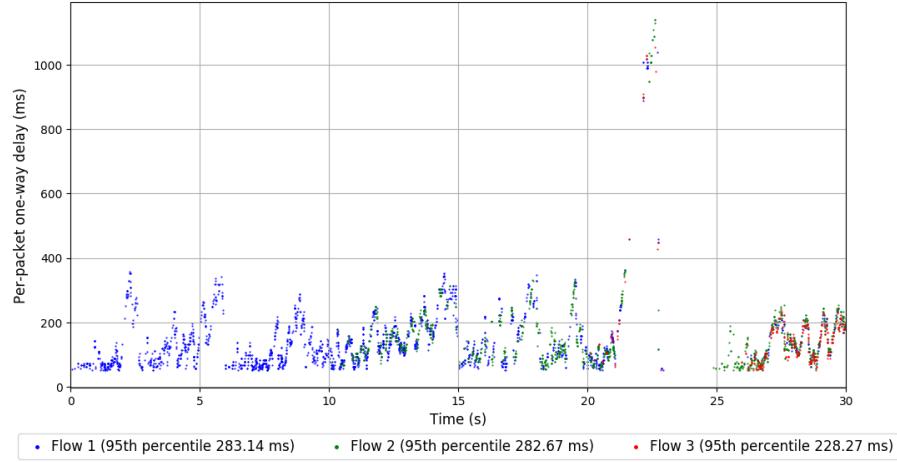
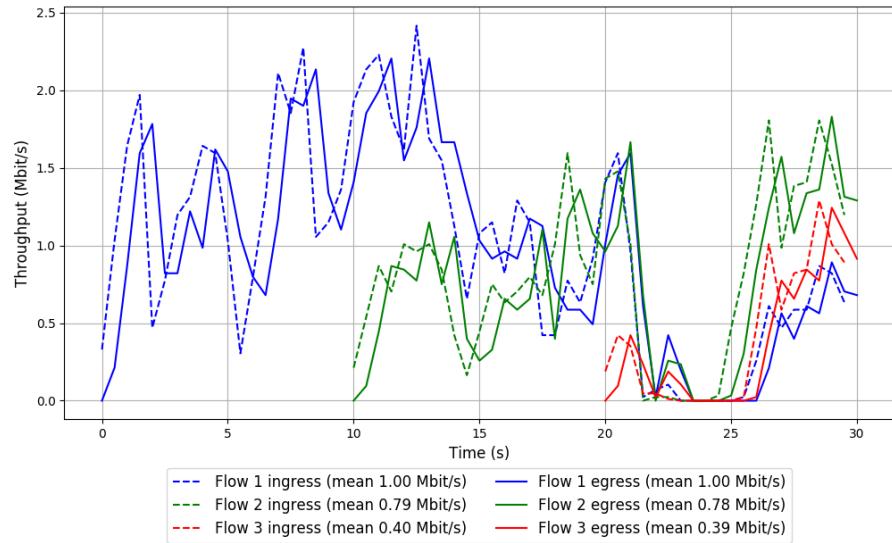


Run 10: Statistics of LEDBAT

```
Start at: 2018-05-24 12:03:50
End at: 2018-05-24 12:04:20
Local clock offset: -2.709 ms
Remote clock offset: 4.083 ms

# Below is generated by plot.py at 2018-05-24 12:11:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.65 Mbit/s
95th percentile per-packet one-way delay: 282.667 ms
Loss rate: 1.25%
-- Flow 1:
Average throughput: 1.00 Mbit/s
95th percentile per-packet one-way delay: 283.144 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 0.78 Mbit/s
95th percentile per-packet one-way delay: 282.667 ms
Loss rate: 1.85%
-- Flow 3:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 228.266 ms
Loss rate: 2.64%
```

Run 10: Report of LEDBAT — Data Link

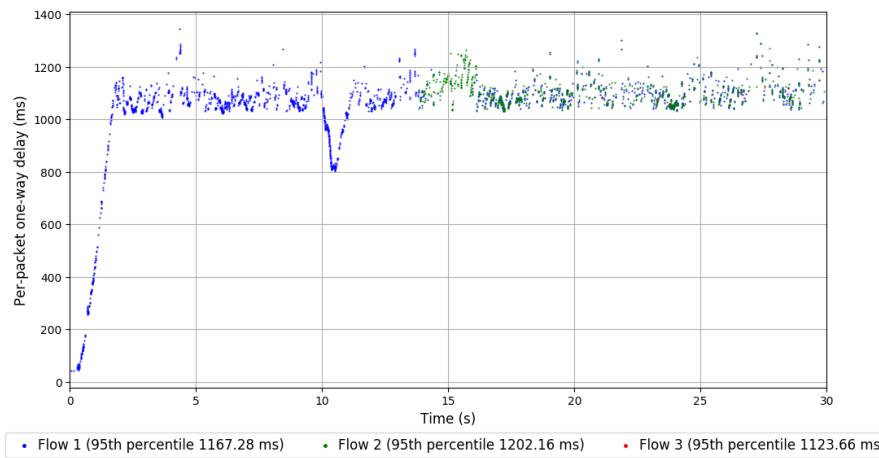
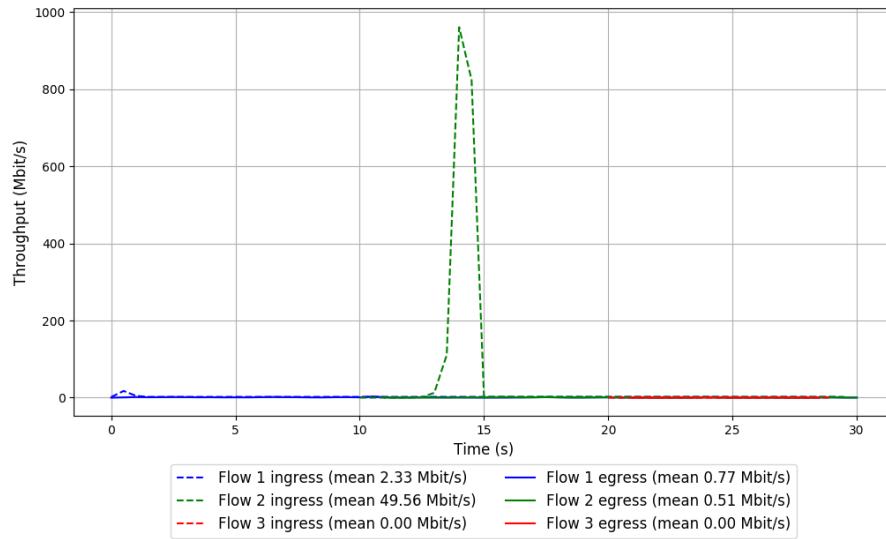


```
Run 1: Statistics of PCC-Allegro
```

```
Start at: 2018-05-24 09:15:59
End at: 2018-05-24 09:16:29
Local clock offset: 0.325 ms
Remote clock offset: 1.929 ms

# Below is generated by plot.py at 2018-05-24 12:11:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.09 Mbit/s
95th percentile per-packet one-way delay: 1181.242 ms
Loss rate: 96.91%
-- Flow 1:
Average throughput: 0.77 Mbit/s
95th percentile per-packet one-way delay: 1167.280 ms
Loss rate: 67.06%
-- Flow 2:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 1202.163 ms
Loss rate: 99.03%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1123.658 ms
Loss rate: 76.19%
```

Run 1: Report of PCC-Allegro — Data Link

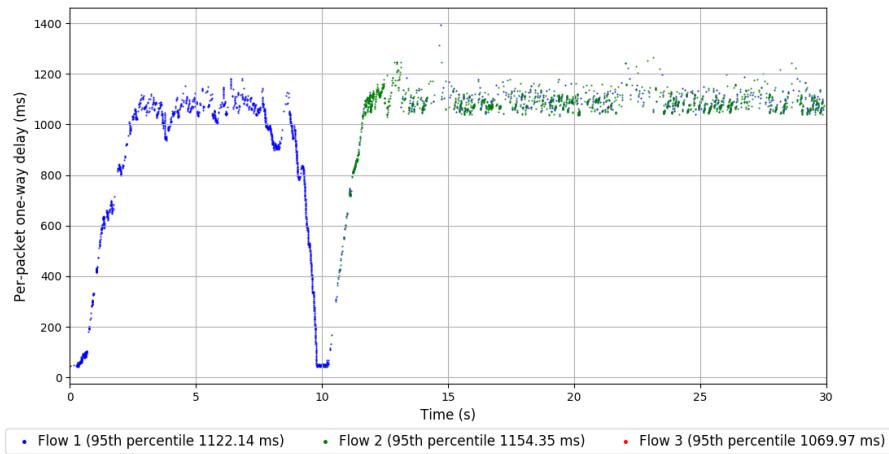
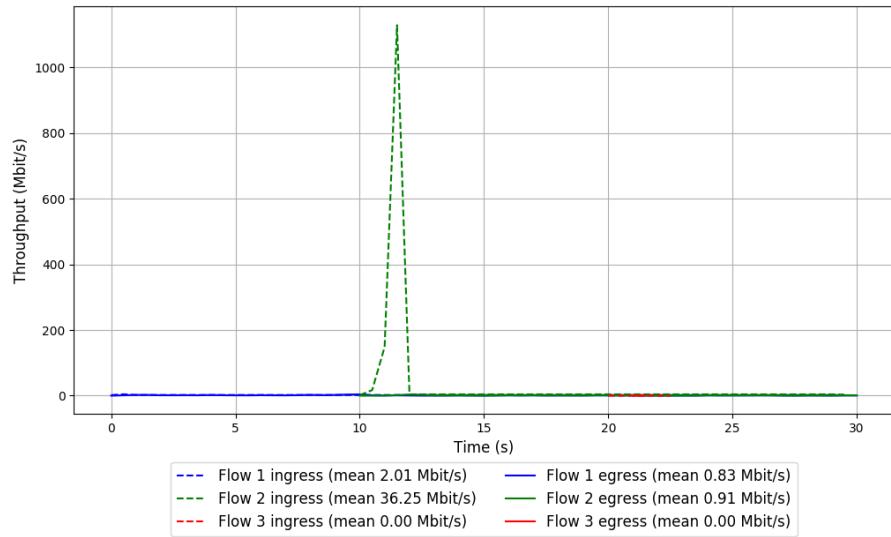


Run 2: Statistics of PCC-Allegro

```
Start at: 2018-05-24 09:33:36
End at: 2018-05-24 09:34:06
Local clock offset: 0.287 ms
Remote clock offset: 12.847 ms

# Below is generated by plot.py at 2018-05-24 12:11:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.43 Mbit/s
95th percentile per-packet one-way delay: 1137.752 ms
Loss rate: 94.53%
-- Flow 1:
Average throughput: 0.83 Mbit/s
95th percentile per-packet one-way delay: 1122.138 ms
Loss rate: 58.92%
-- Flow 2:
Average throughput: 0.91 Mbit/s
95th percentile per-packet one-way delay: 1154.347 ms
Loss rate: 97.49%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1069.972 ms
Loss rate: 92.31%
```

Run 2: Report of PCC-Allegro — Data Link

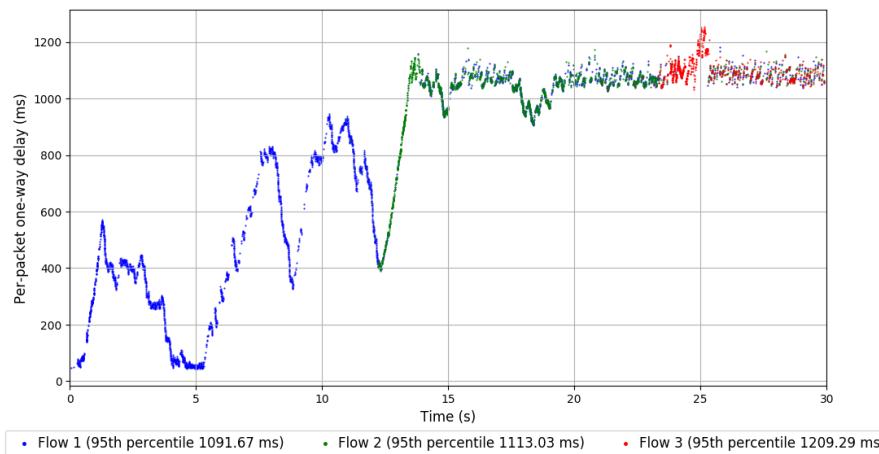
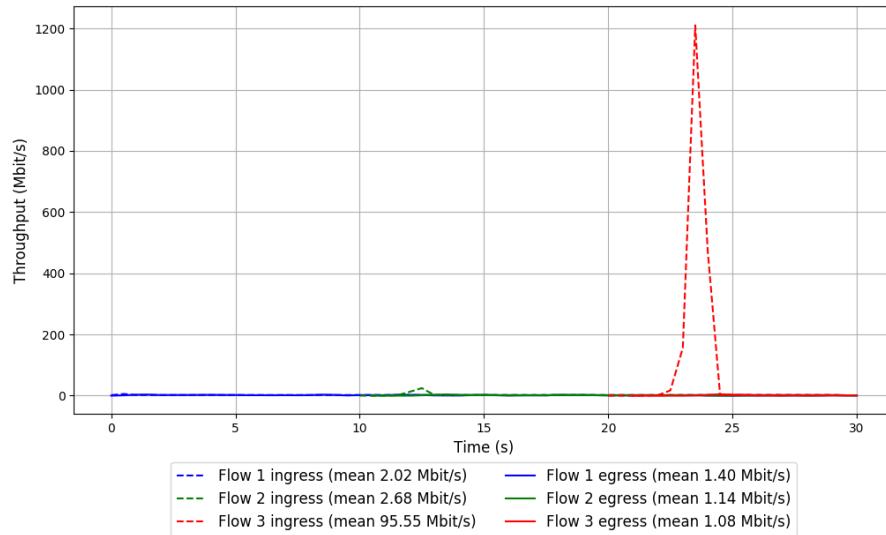


Run 3: Statistics of PCC-Allegro

```
Start at: 2018-05-24 09:51:13
End at: 2018-05-24 09:51:43
Local clock offset: -2.398 ms
Remote clock offset: 7.122 ms

# Below is generated by plot.py at 2018-05-24 12:11:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 1123.150 ms
Loss rate: 93.07%
-- Flow 1:
Average throughput: 1.40 Mbit/s
95th percentile per-packet one-way delay: 1091.674 ms
Loss rate: 30.64%
-- Flow 2:
Average throughput: 1.14 Mbit/s
95th percentile per-packet one-way delay: 1113.031 ms
Loss rate: 59.36%
-- Flow 3:
Average throughput: 1.08 Mbit/s
95th percentile per-packet one-way delay: 1209.286 ms
Loss rate: 98.99%
```

Run 3: Report of PCC-Allegro — Data Link

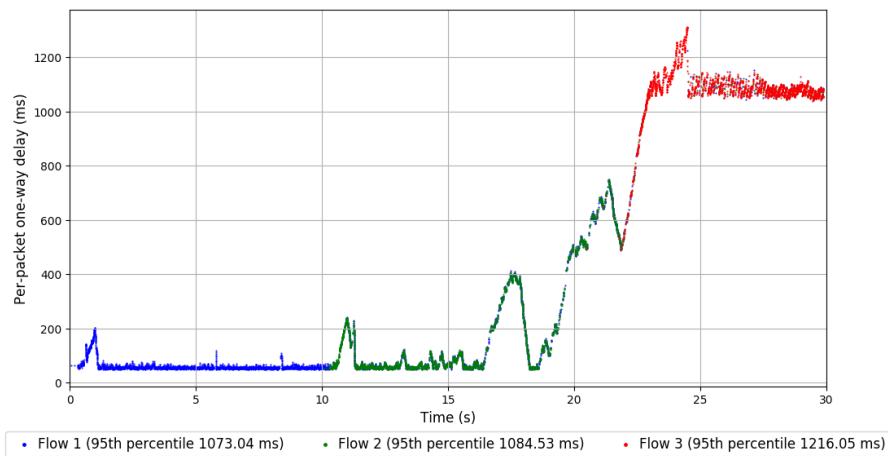
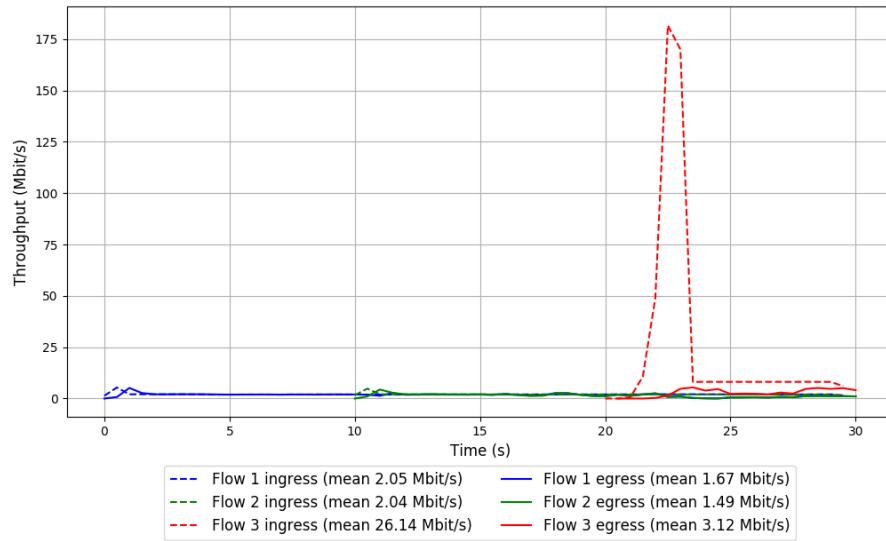


Run 4: Statistics of PCC-Allegro

```
Start at: 2018-05-24 10:08:56
End at: 2018-05-24 10:09:26
Local clock offset: 1.246 ms
Remote clock offset: 1.376 ms

# Below is generated by plot.py at 2018-05-24 12:11:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.64 Mbit/s
95th percentile per-packet one-way delay: 1113.230 ms
Loss rate: 69.79%
-- Flow 1:
Average throughput: 1.67 Mbit/s
95th percentile per-packet one-way delay: 1073.035 ms
Loss rate: 18.56%
-- Flow 2:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 1084.532 ms
Loss rate: 27.02%
-- Flow 3:
Average throughput: 3.12 Mbit/s
95th percentile per-packet one-way delay: 1216.045 ms
Loss rate: 88.66%
```

Run 4: Report of PCC-Allegro — Data Link

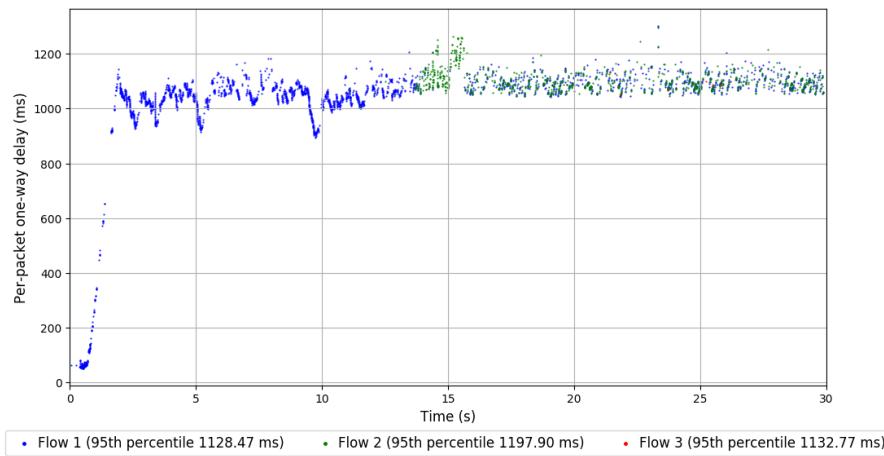
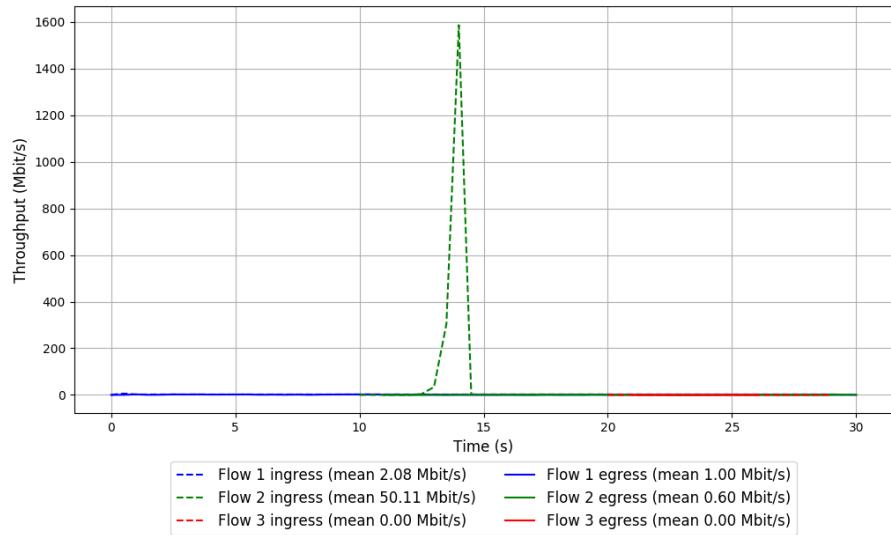


Run 5: Statistics of PCC-Allegro

```
Start at: 2018-05-24 10:26:34
End at: 2018-05-24 10:27:04
Local clock offset: 0.486 ms
Remote clock offset: -1.845 ms

# Below is generated by plot.py at 2018-05-24 12:11:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.37 Mbit/s
95th percentile per-packet one-way delay: 1144.956 ms
Loss rate: 96.12%
-- Flow 1:
Average throughput: 1.00 Mbit/s
95th percentile per-packet one-way delay: 1128.467 ms
Loss rate: 52.30%
-- Flow 2:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 1197.898 ms
Loss rate: 98.87%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1132.767 ms
Loss rate: 71.65%
```

Run 5: Report of PCC-Allegro — Data Link



Run 6: Statistics of PCC-Allegro

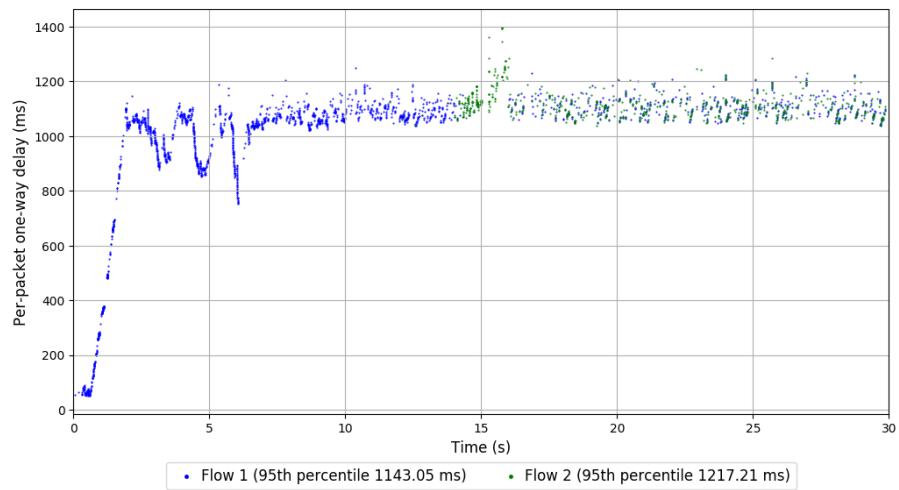
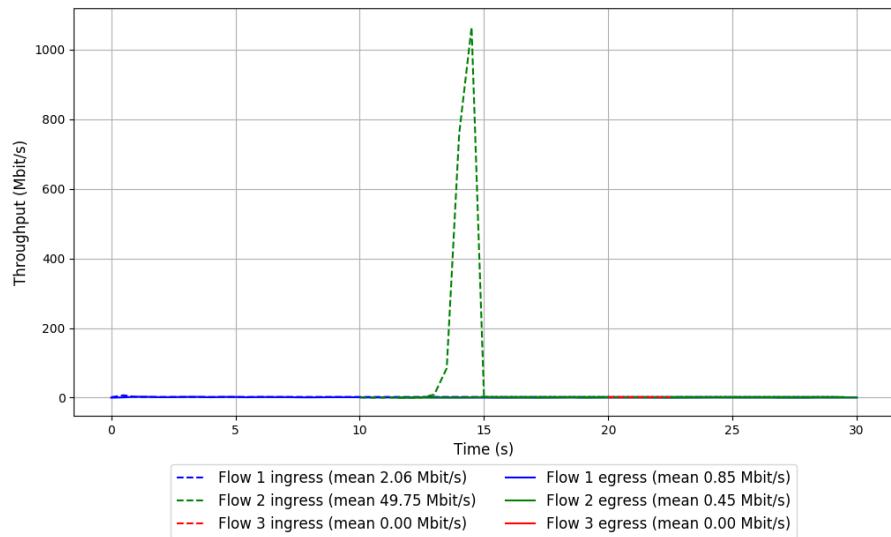
Start at: 2018-05-24 10:44:12

End at: 2018-05-24 10:44:42

Local clock offset: 0.212 ms

Remote clock offset: -4.798 ms

Run 6: Report of PCC-Allegro — Data Link

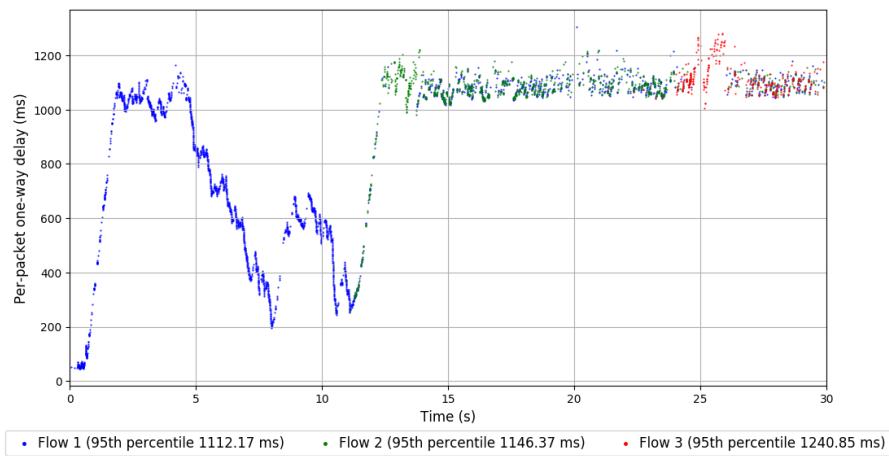
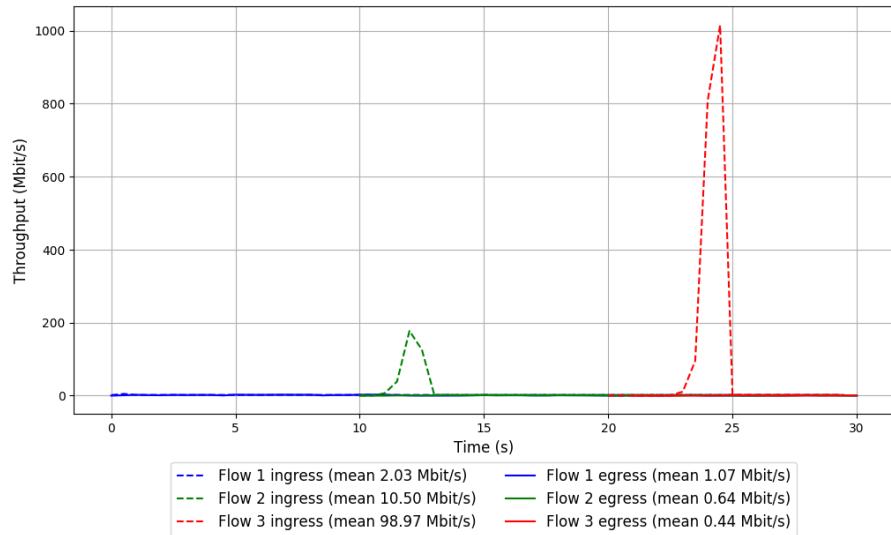


Run 7: Statistics of PCC-Allegro

```
Start at: 2018-05-24 11:01:44
End at: 2018-05-24 11:02:14
Local clock offset: 0.242 ms
Remote clock offset: 2.82 ms

# Below is generated by plot.py at 2018-05-24 12:11:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.62 Mbit/s
95th percentile per-packet one-way delay: 1138.165 ms
Loss rate: 96.13%
-- Flow 1:
Average throughput: 1.07 Mbit/s
95th percentile per-packet one-way delay: 1112.166 ms
Loss rate: 47.18%
-- Flow 2:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 1146.372 ms
Loss rate: 94.05%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 1240.845 ms
Loss rate: 99.61%
```

Run 7: Report of PCC-Allegro — Data Link

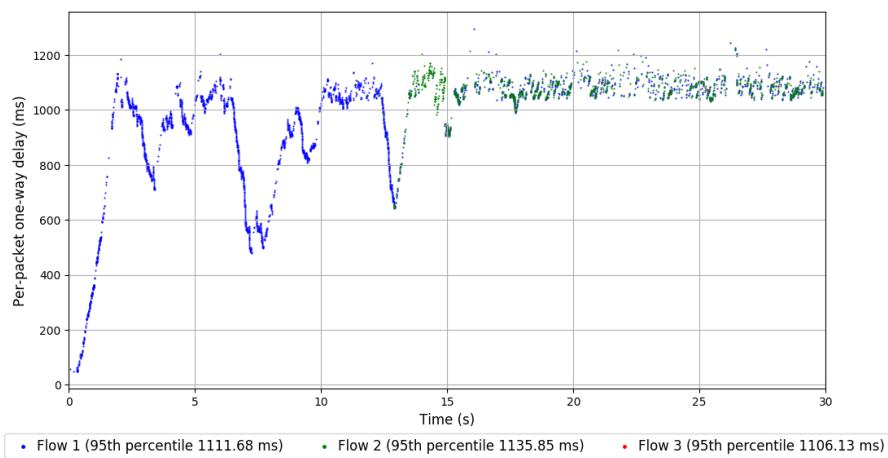
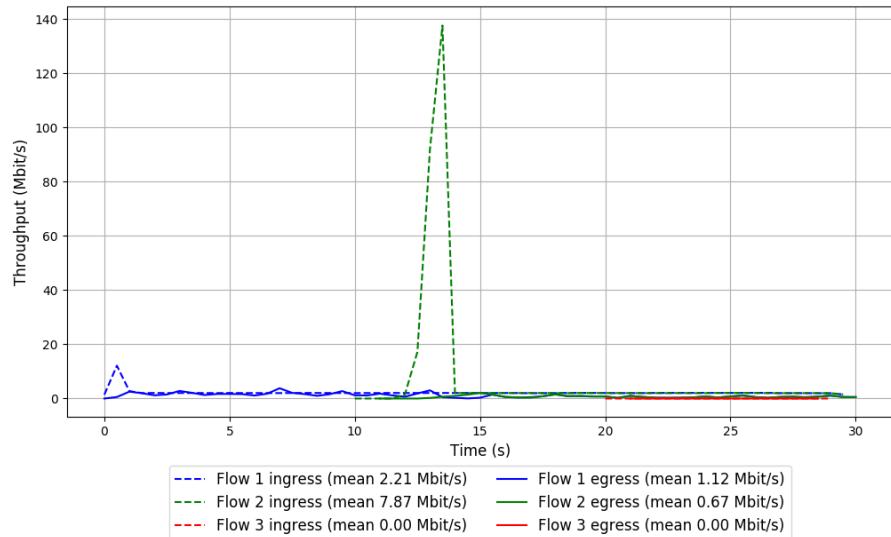


Run 8: Statistics of PCC-Allegro

```
Start at: 2018-05-24 11:19:26
End at: 2018-05-24 11:19:56
Local clock offset: 2.959 ms
Remote clock offset: 5.298 ms

# Below is generated by plot.py at 2018-05-24 12:11:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.55 Mbit/s
95th percentile per-packet one-way delay: 1121.643 ms
Loss rate: 79.23%
-- Flow 1:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 1111.680 ms
Loss rate: 49.30%
-- Flow 2:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 1135.848 ms
Loss rate: 91.88%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1106.127 ms
Loss rate: 75.06%
```

Run 8: Report of PCC-Allegro — Data Link

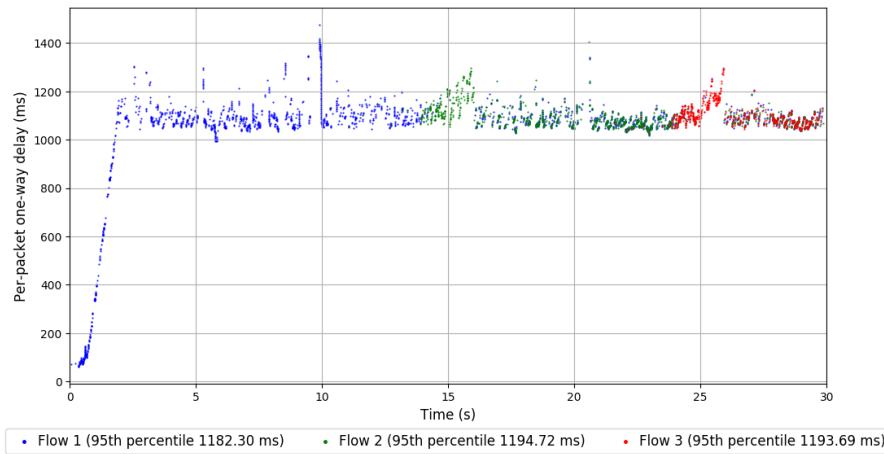
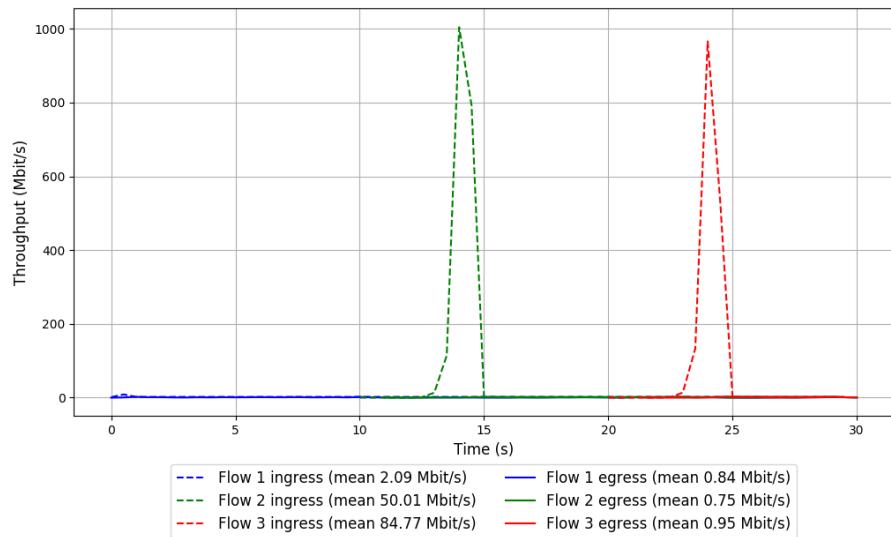


Run 9: Statistics of PCC-Allegro

```
Start at: 2018-05-24 11:37:05
End at: 2018-05-24 11:37:35
Local clock offset: 0.175 ms
Remote clock offset: 4.806 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.57 Mbit/s
95th percentile per-packet one-way delay: 1193.076 ms
Loss rate: 97.52%
-- Flow 1:
Average throughput: 0.84 Mbit/s
95th percentile per-packet one-way delay: 1182.296 ms
Loss rate: 60.16%
-- Flow 2:
Average throughput: 0.75 Mbit/s
95th percentile per-packet one-way delay: 1194.716 ms
Loss rate: 98.58%
-- Flow 3:
Average throughput: 0.95 Mbit/s
95th percentile per-packet one-way delay: 1193.688 ms
Loss rate: 99.06%
```

Run 9: Report of PCC-Allegro — Data Link

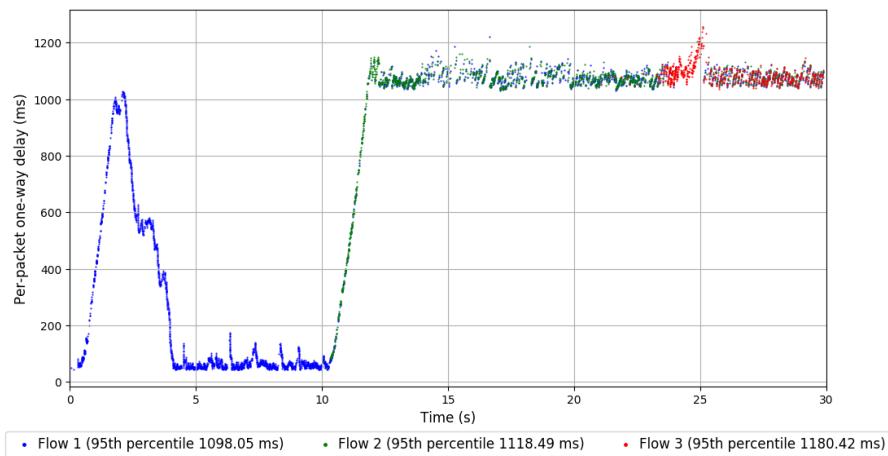
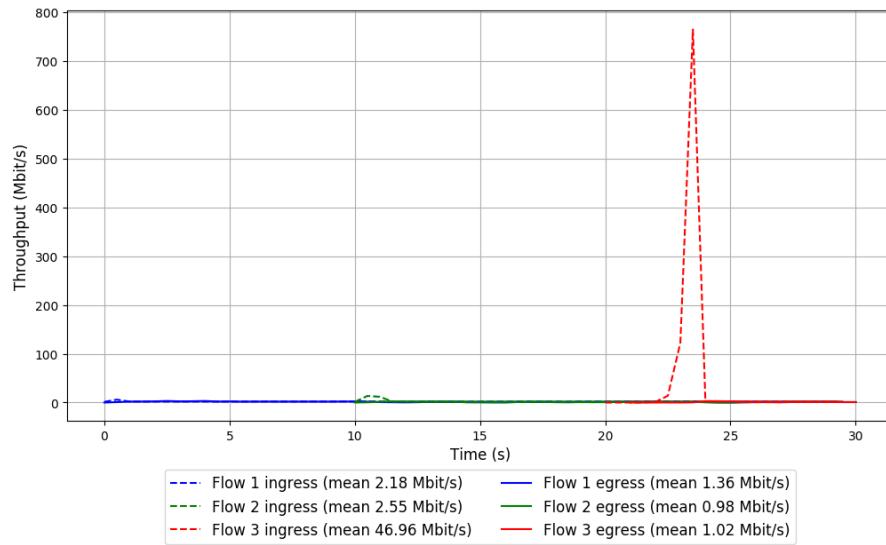


Run 10: Statistics of PCC-Allegro

```
Start at: 2018-05-24 11:54:54
End at: 2018-05-24 11:55:24
Local clock offset: 3.361 ms
Remote clock offset: 4.798 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 1114.694 ms
Loss rate: 88.08%
-- Flow 1:
Average throughput: 1.36 Mbit/s
95th percentile per-packet one-way delay: 1098.046 ms
Loss rate: 37.69%
-- Flow 2:
Average throughput: 0.98 Mbit/s
95th percentile per-packet one-way delay: 1118.495 ms
Loss rate: 61.63%
-- Flow 3:
Average throughput: 1.02 Mbit/s
95th percentile per-packet one-way delay: 1180.418 ms
Loss rate: 98.06%
```

Run 10: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

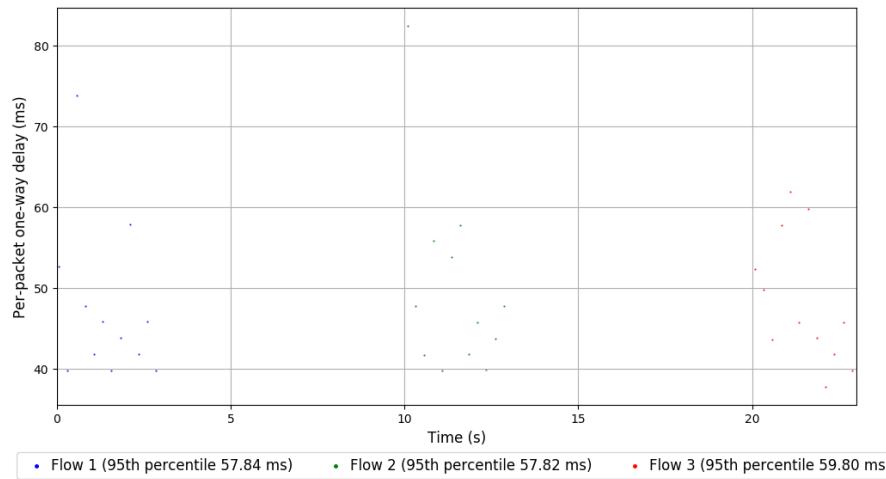
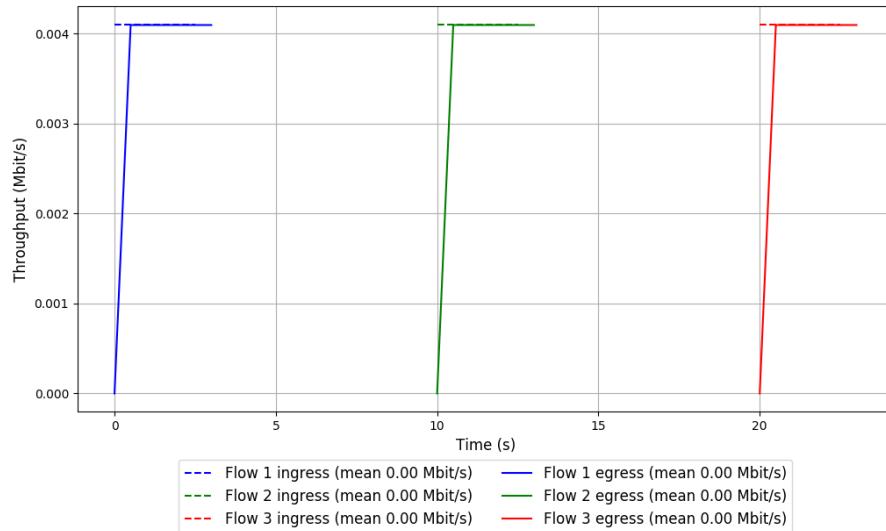
Start at: 2018-05-24 09:30:18

End at: 2018-05-24 09:30:48

Local clock offset: 0.585 ms

Remote clock offset: 10.939 ms

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

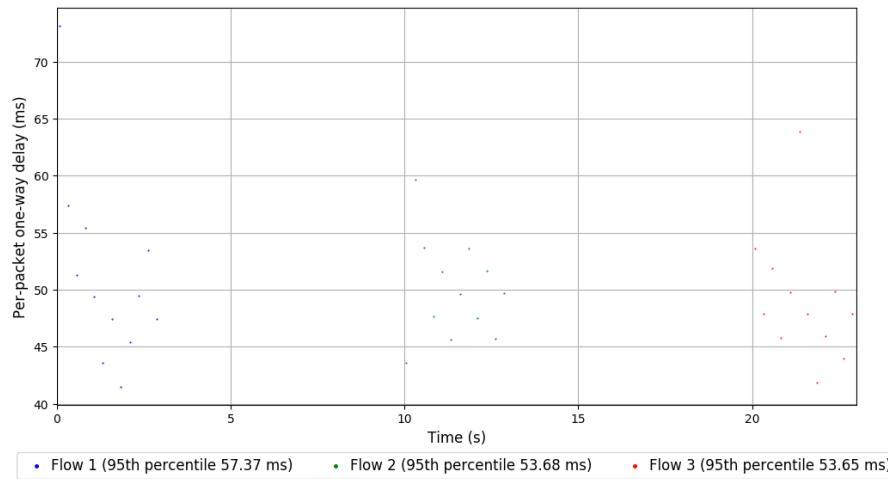
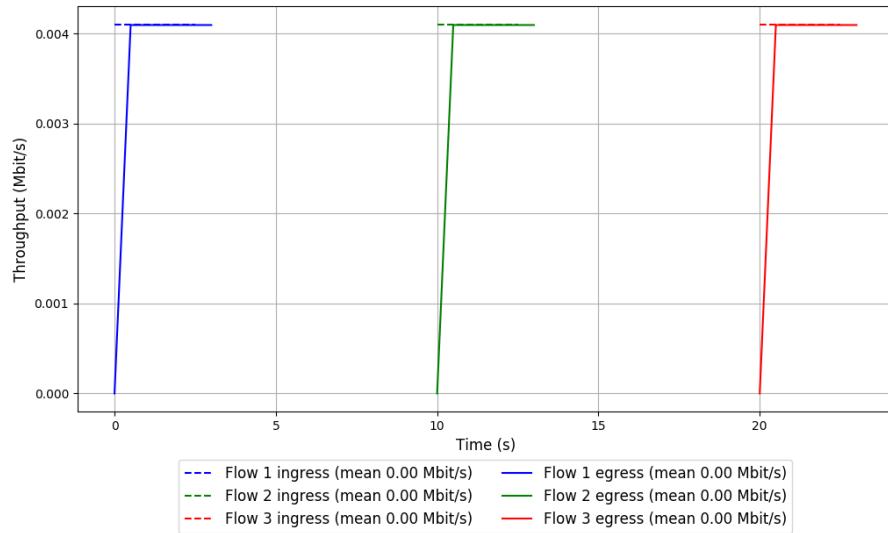
Start at: 2018-05-24 09:47:54

End at: 2018-05-24 09:48:24

Local clock offset: -2.979 ms

Remote clock offset: 9.291 ms

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

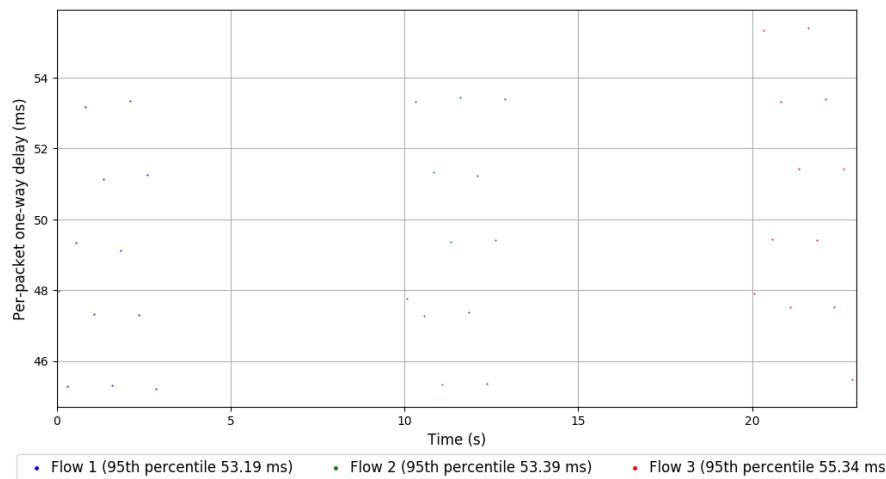
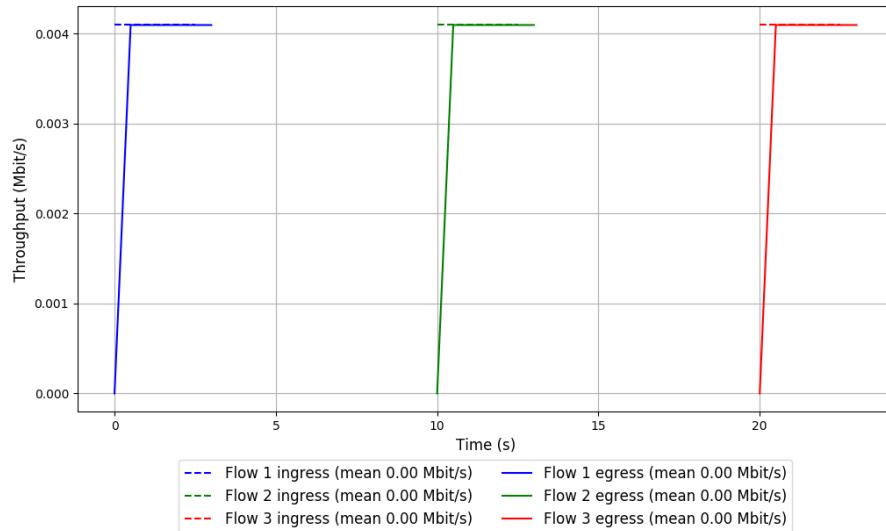
Start at: 2018-05-24 10:05:35

End at: 2018-05-24 10:06:05

Local clock offset: 2.038 ms

Remote clock offset: 1.16 ms

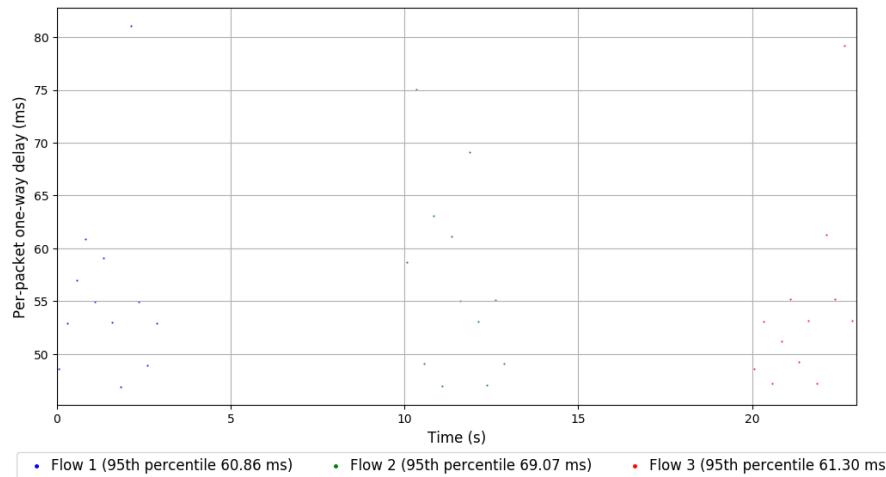
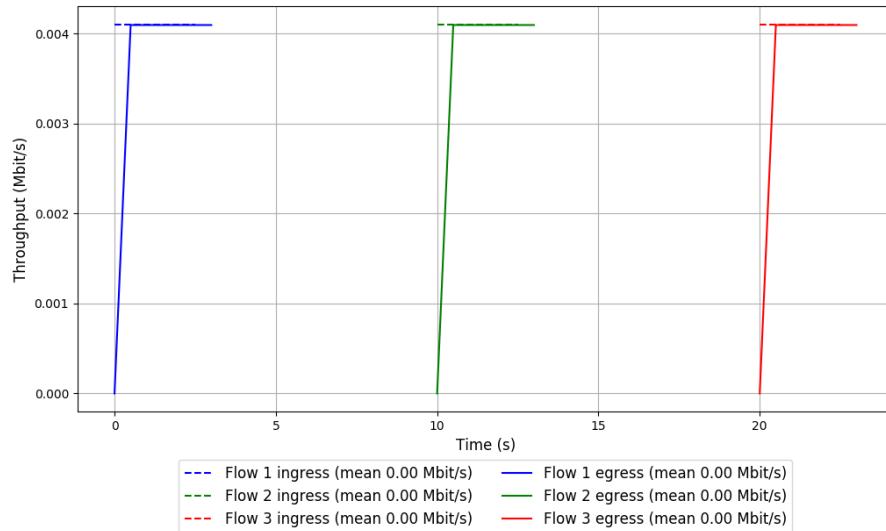
Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

Start at: 2018-05-24 10:23:17
End at: 2018-05-24 10:23:47
Local clock offset: 1.898 ms
Remote clock offset: -1.898 ms

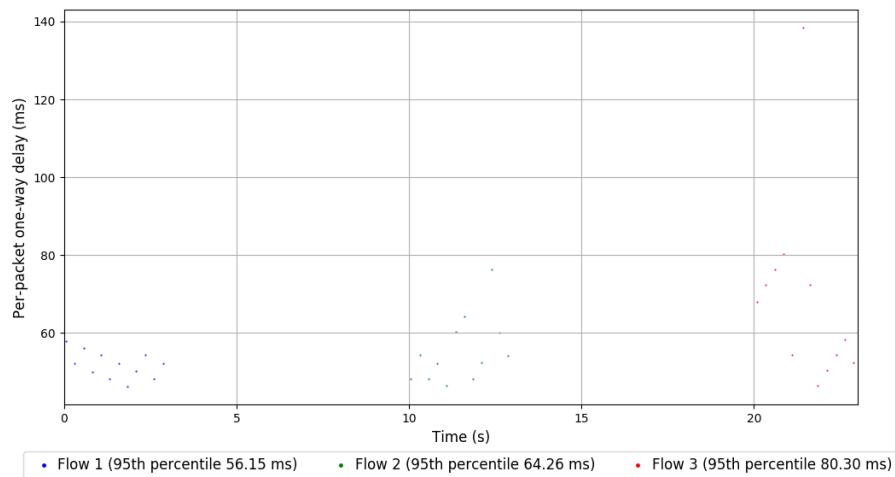
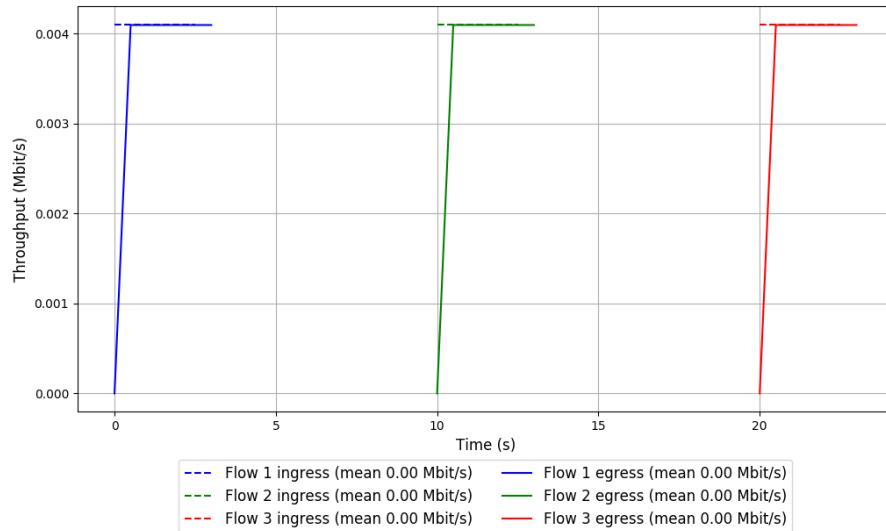
Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

Start at: 2018-05-24 10:40:53
End at: 2018-05-24 10:41:23
Local clock offset: 2.257 ms
Remote clock offset: -4.638 ms

Run 5: Report of PCC-Expr — Data Link



Run 6: Statistics of PCC-Expr

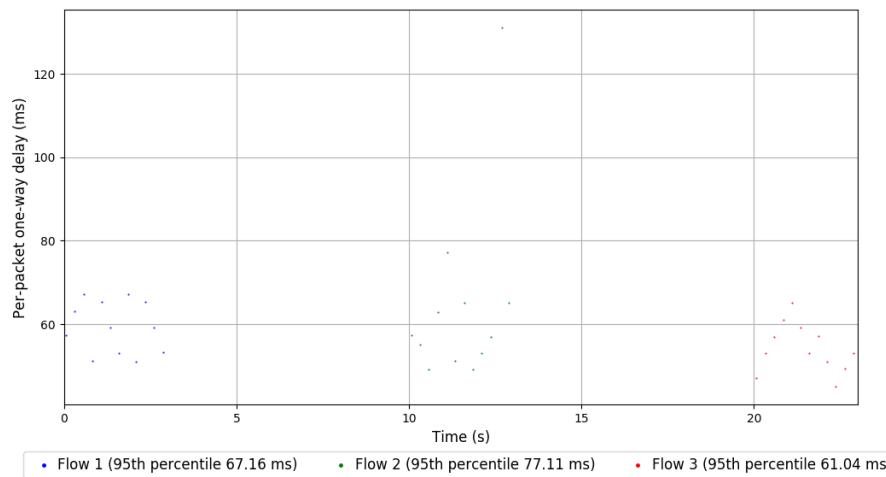
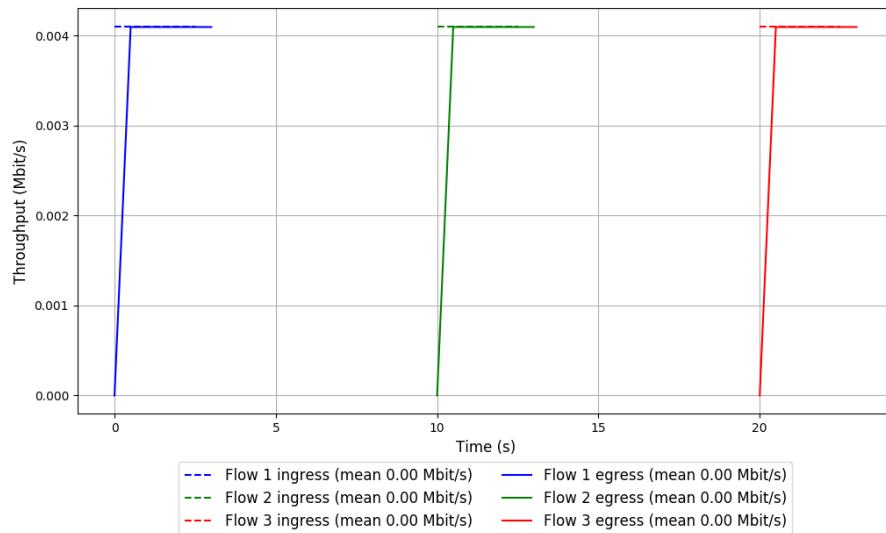
Start at: 2018-05-24 10:58:28

End at: 2018-05-24 10:58:58

Local clock offset: 0.133 ms

Remote clock offset: -0.82 ms

Run 6: Report of PCC-Expr — Data Link



Run 7: Statistics of PCC-Expr

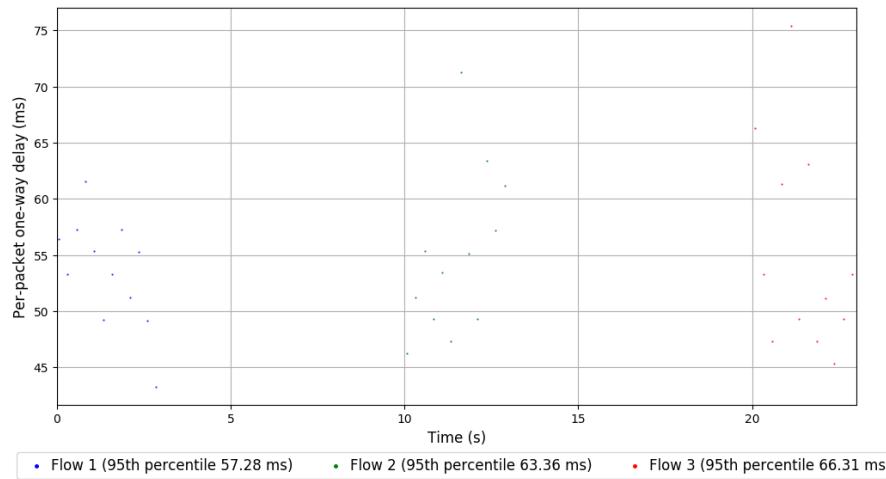
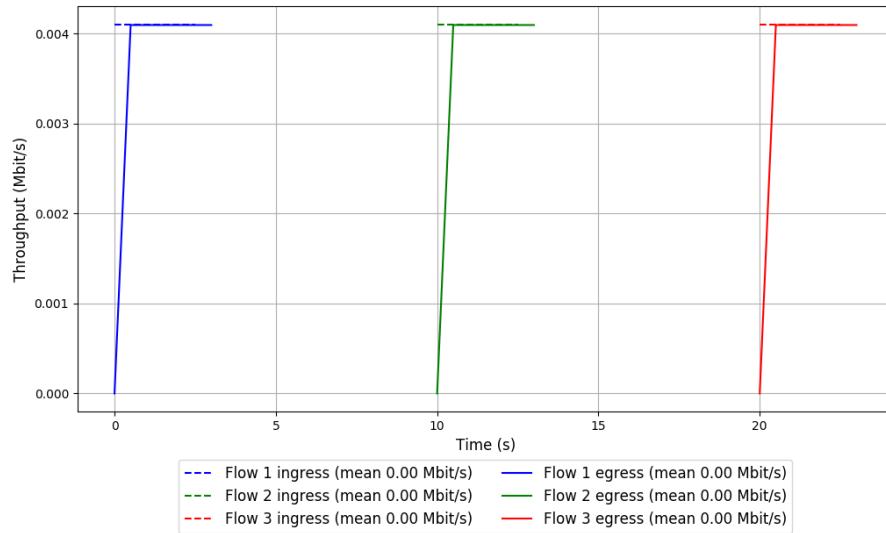
Start at: 2018-05-24 11:16:05

End at: 2018-05-24 11:16:35

Local clock offset: 2.414 ms

Remote clock offset: 6.582 ms

Run 7: Report of PCC-Expr — Data Link



Run 8: Statistics of PCC-Expr

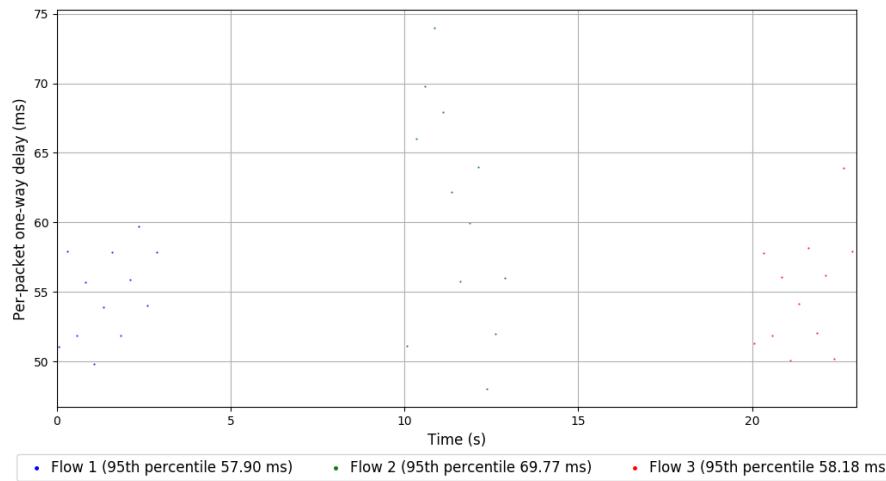
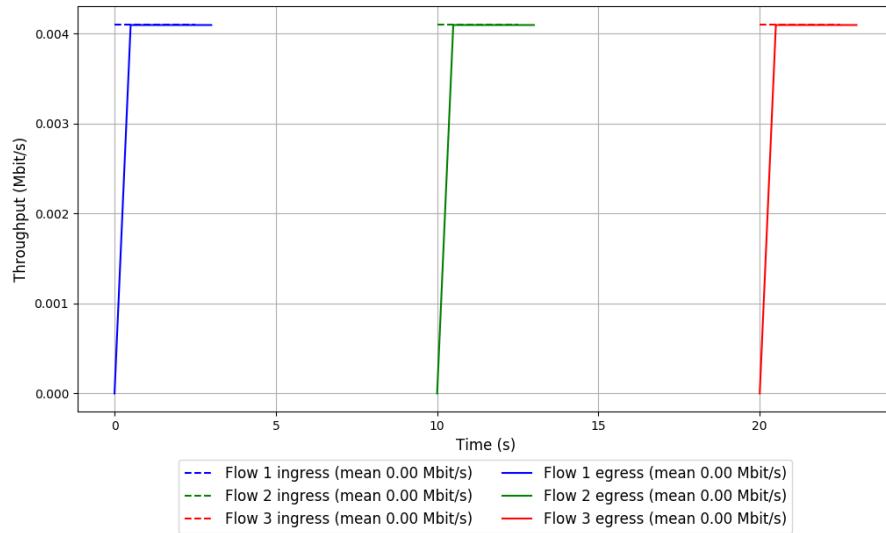
Start at: 2018-05-24 11:33:47

End at: 2018-05-24 11:34:17

Local clock offset: -1.536 ms

Remote clock offset: 6.287 ms

Run 8: Report of PCC-Expr — Data Link



Run 9: Statistics of PCC-Expr

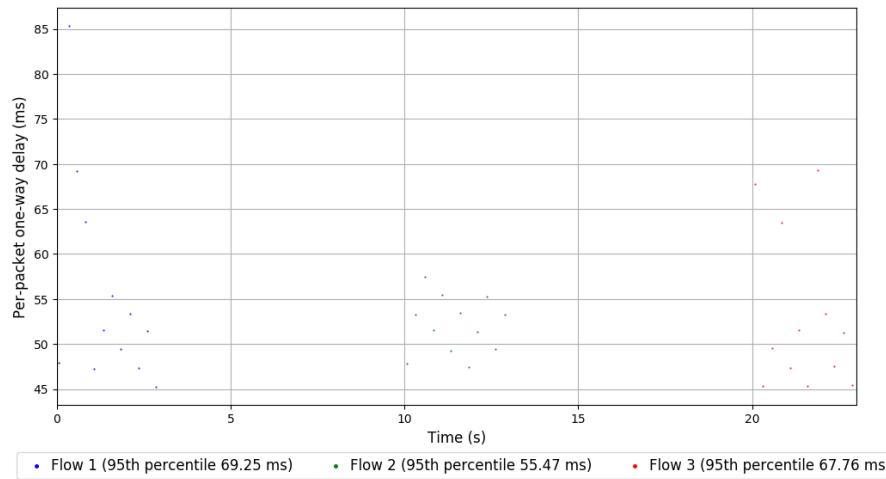
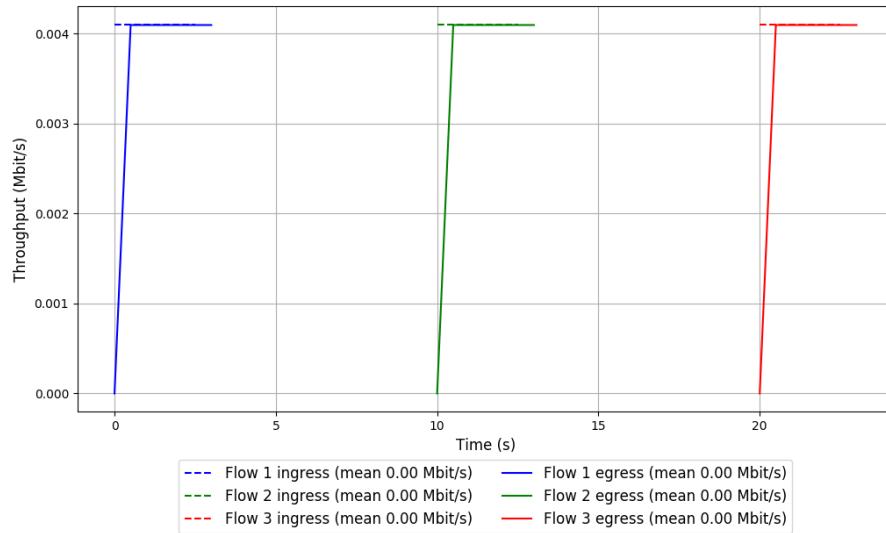
Start at: 2018-05-24 11:51:38

End at: 2018-05-24 11:52:08

Local clock offset: 0.906 ms

Remote clock offset: 3.166 ms

Run 9: Report of PCC-Expr — Data Link



Run 10: Statistics of PCC-Expr

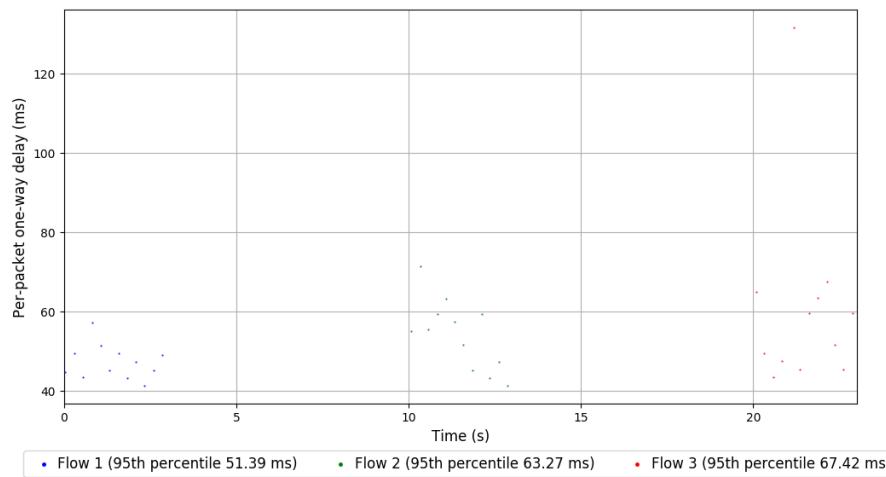
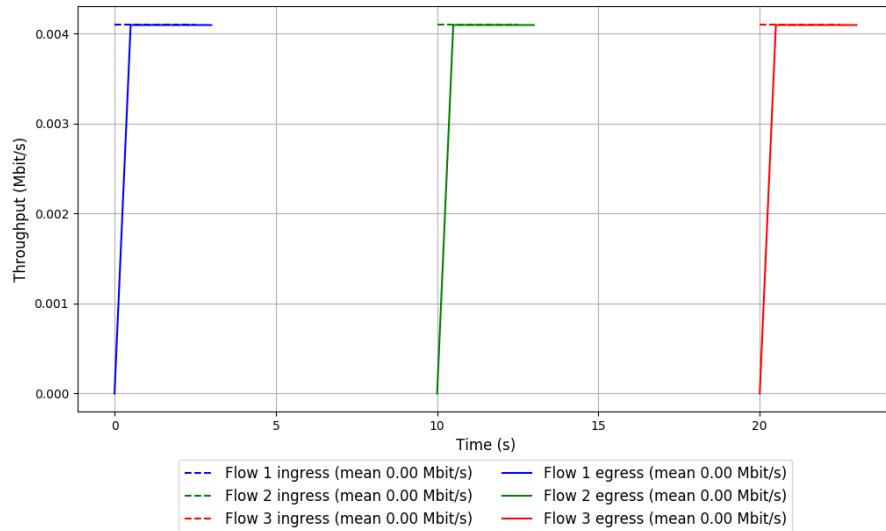
Start at: 2018-05-24 12:09:28

End at: 2018-05-24 12:09:58

Local clock offset: 2.057 ms

Remote clock offset: 2.208 ms

Run 10: Report of PCC-Expr — Data Link

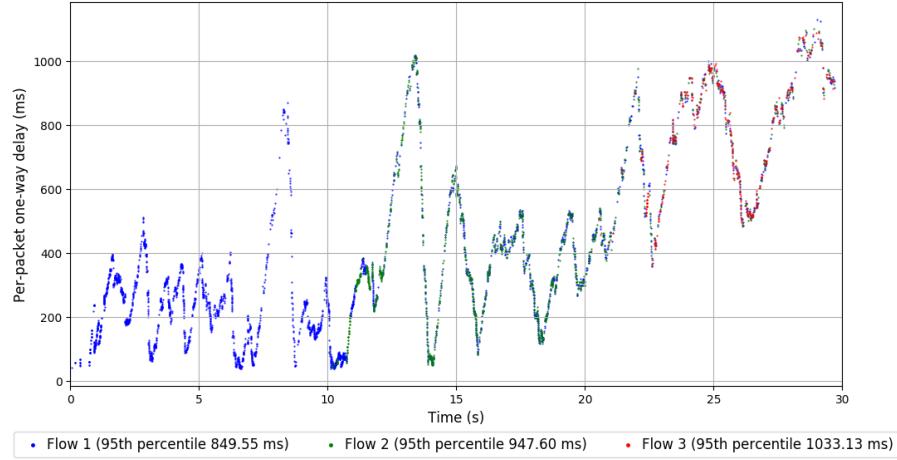
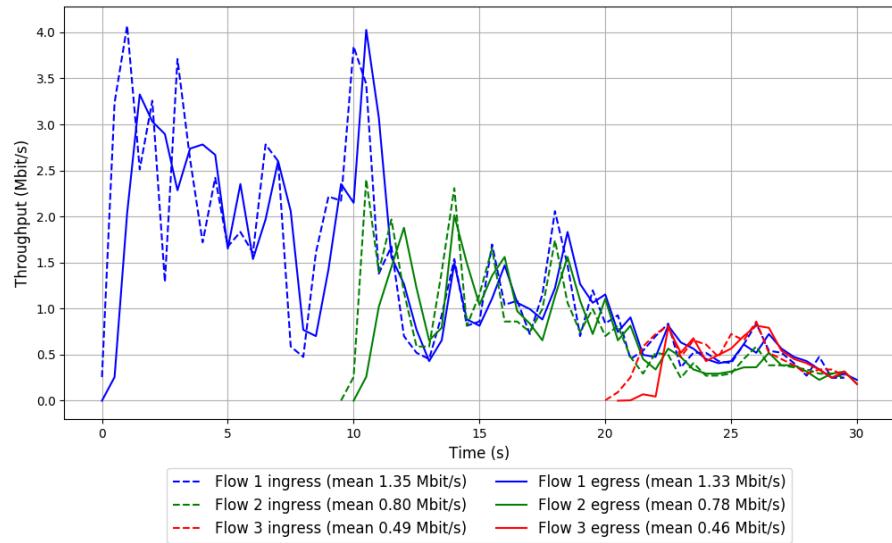


```
Run 1: Statistics of QUIC Cubic

Start at: 2018-05-24 09:22:38
End at: 2018-05-24 09:23:08
Local clock offset: 0.669 ms
Remote clock offset: 6.887 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.99 Mbit/s
95th percentile per-packet one-way delay: 920.720 ms
Loss rate: 3.23%
-- Flow 1:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 849.551 ms
Loss rate: 2.05%
-- Flow 2:
Average throughput: 0.78 Mbit/s
95th percentile per-packet one-way delay: 947.597 ms
Loss rate: 3.62%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 1033.131 ms
Loss rate: 11.86%
```

Run 1: Report of QUIC Cubic — Data Link

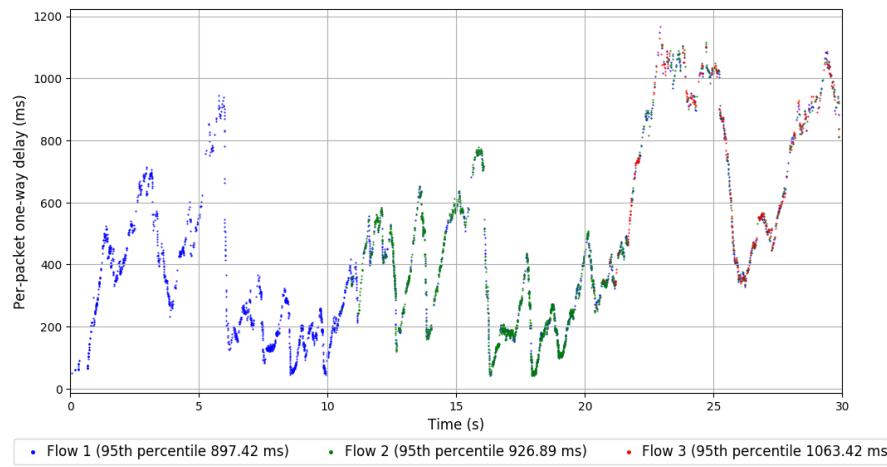
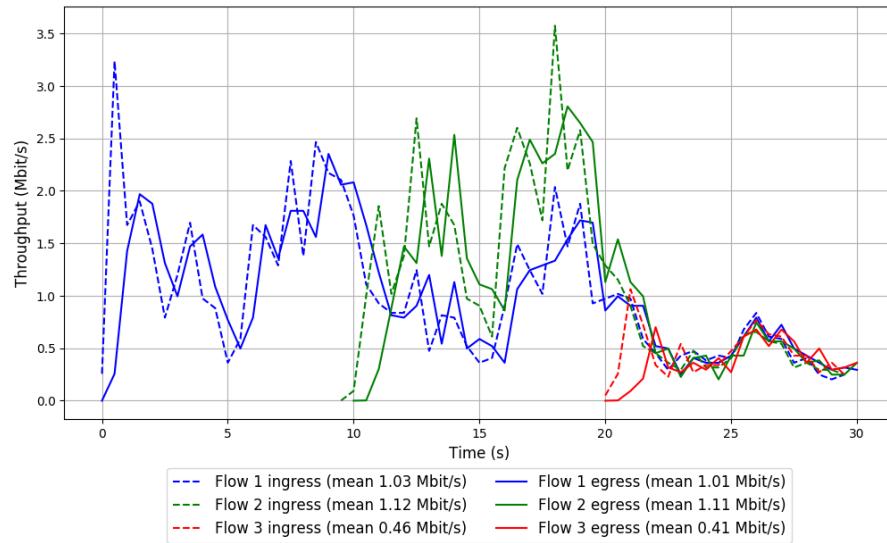


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-05-24 09:40:10
End at: 2018-05-24 09:40:40
Local clock offset: -1.578 ms
Remote clock offset: 15.291 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 955.485 ms
Loss rate: 3.10%
-- Flow 1:
Average throughput: 1.01 Mbit/s
95th percentile per-packet one-way delay: 897.417 ms
Loss rate: 2.20%
-- Flow 2:
Average throughput: 1.11 Mbit/s
95th percentile per-packet one-way delay: 926.892 ms
Loss rate: 2.33%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 1063.424 ms
Loss rate: 13.08%
```

Run 2: Report of QUIC Cubic — Data Link

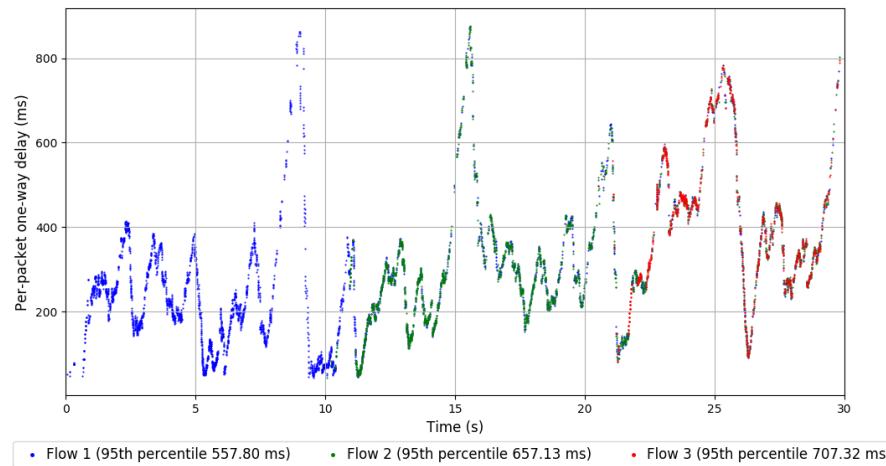
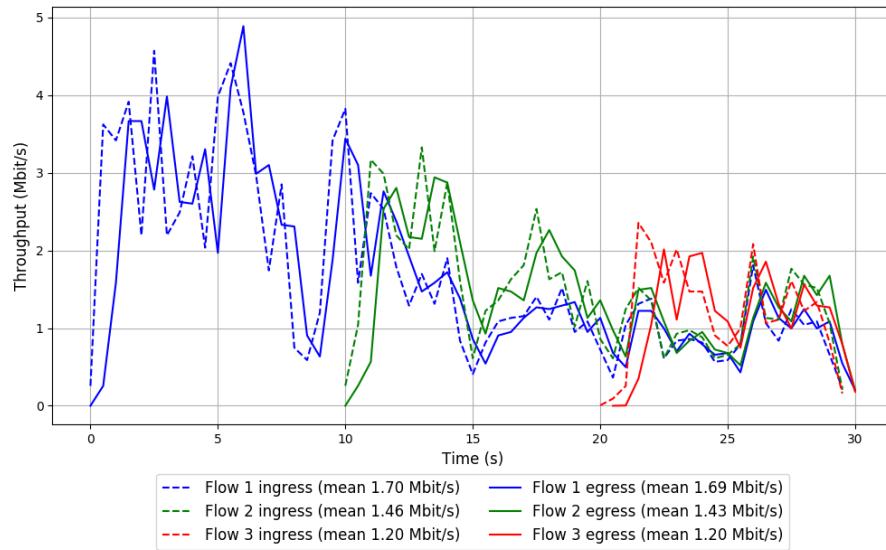


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-05-24 09:57:49
End at: 2018-05-24 09:58:19
Local clock offset: -0.678 ms
Remote clock offset: 2.787 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.00 Mbit/s
95th percentile per-packet one-way delay: 648.401 ms
Loss rate: 2.28%
-- Flow 1:
Average throughput: 1.69 Mbit/s
95th percentile per-packet one-way delay: 557.800 ms
Loss rate: 1.40%
-- Flow 2:
Average throughput: 1.43 Mbit/s
95th percentile per-packet one-way delay: 657.135 ms
Loss rate: 2.70%
-- Flow 3:
Average throughput: 1.20 Mbit/s
95th percentile per-packet one-way delay: 707.319 ms
Loss rate: 5.03%
```

Run 3: Report of QUIC Cubic — Data Link

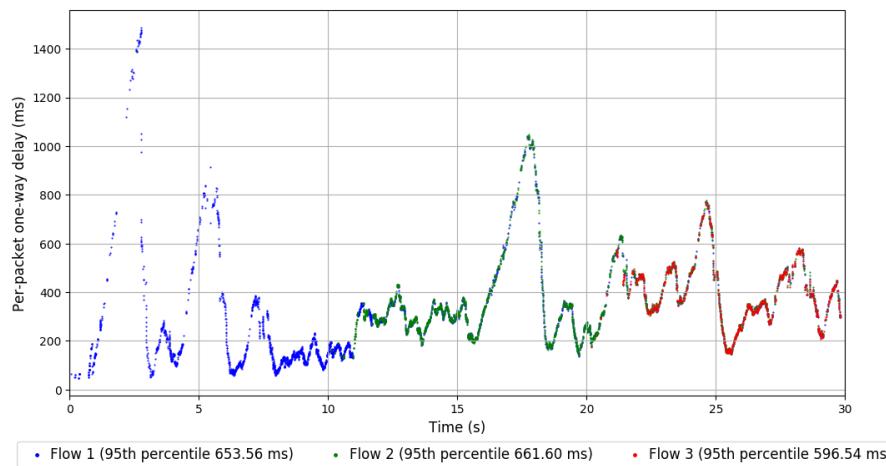
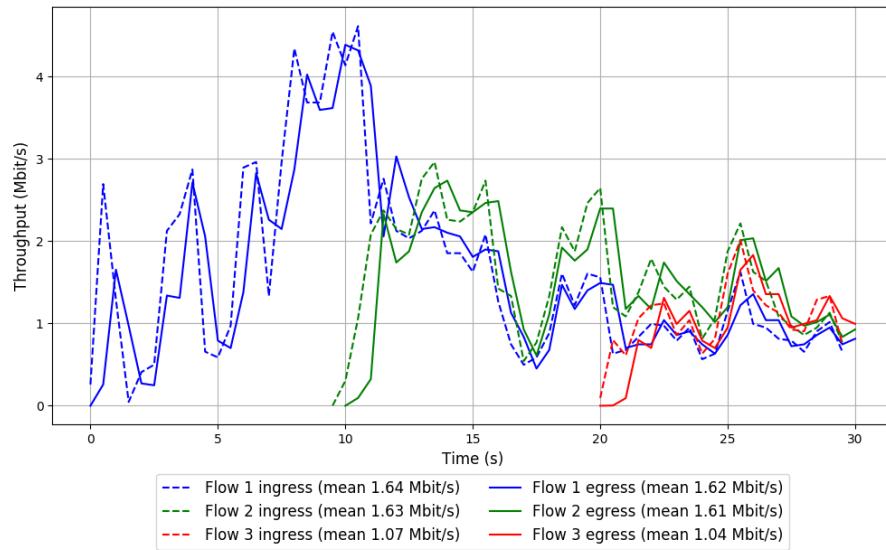


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-05-24 10:15:37
End at: 2018-05-24 10:16:07
Local clock offset: 1.174 ms
Remote clock offset: 1.37 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.02 Mbit/s
95th percentile per-packet one-way delay: 646.228 ms
Loss rate: 1.84%
-- Flow 1:
Average throughput: 1.62 Mbit/s
95th percentile per-packet one-way delay: 653.560 ms
Loss rate: 1.41%
-- Flow 2:
Average throughput: 1.61 Mbit/s
95th percentile per-packet one-way delay: 661.598 ms
Loss rate: 1.72%
-- Flow 3:
Average throughput: 1.04 Mbit/s
95th percentile per-packet one-way delay: 596.542 ms
Loss rate: 4.21%
```

Run 4: Report of QUIC Cubic — Data Link

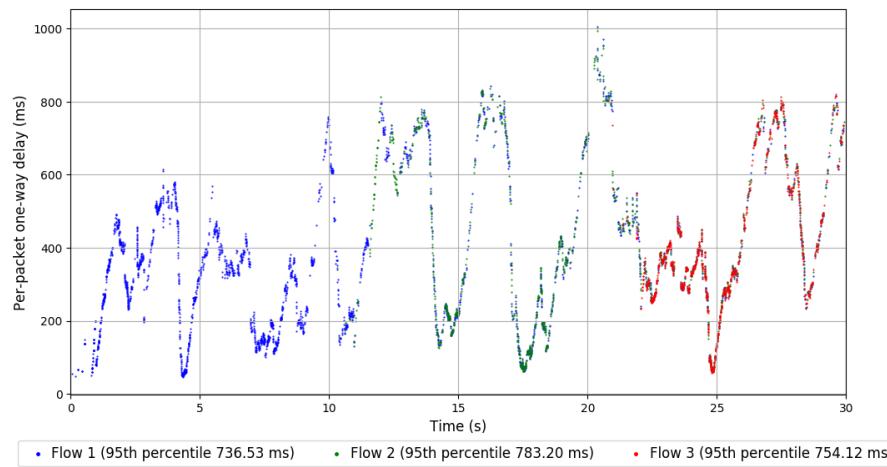
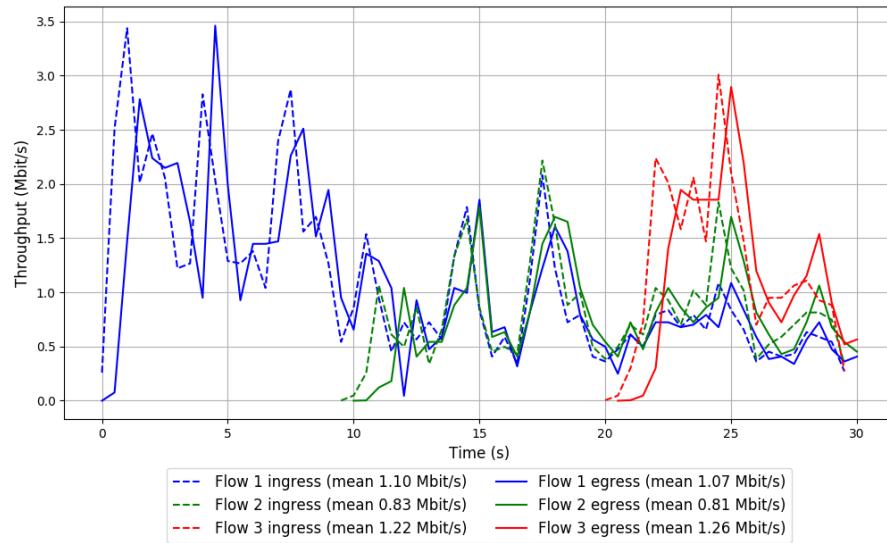


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-05-24 10:33:08
End at: 2018-05-24 10:33:38
Local clock offset: 1.094 ms
Remote clock offset: -4.677 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.99 Mbit/s
95th percentile per-packet one-way delay: 756.585 ms
Loss rate: 2.85%
-- Flow 1:
Average throughput: 1.07 Mbit/s
95th percentile per-packet one-way delay: 736.531 ms
Loss rate: 2.04%
-- Flow 2:
Average throughput: 0.81 Mbit/s
95th percentile per-packet one-way delay: 783.196 ms
Loss rate: 3.38%
-- Flow 3:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 754.117 ms
Loss rate: 4.36%
```

Run 5: Report of QUIC Cubic — Data Link

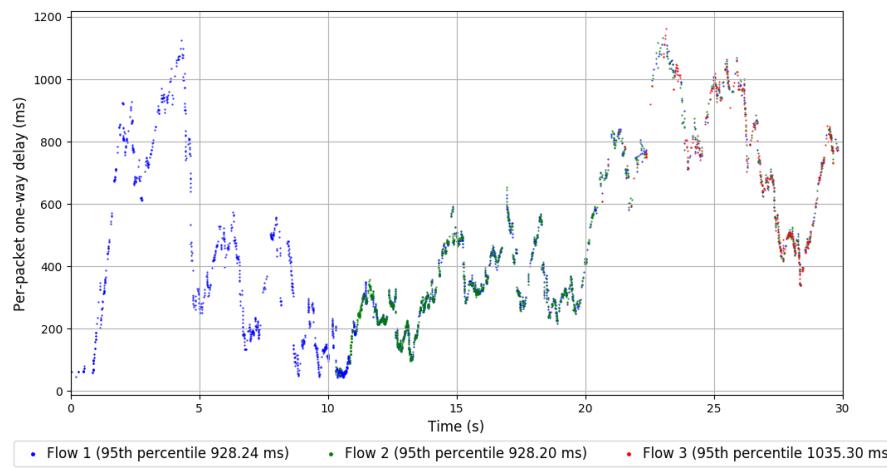
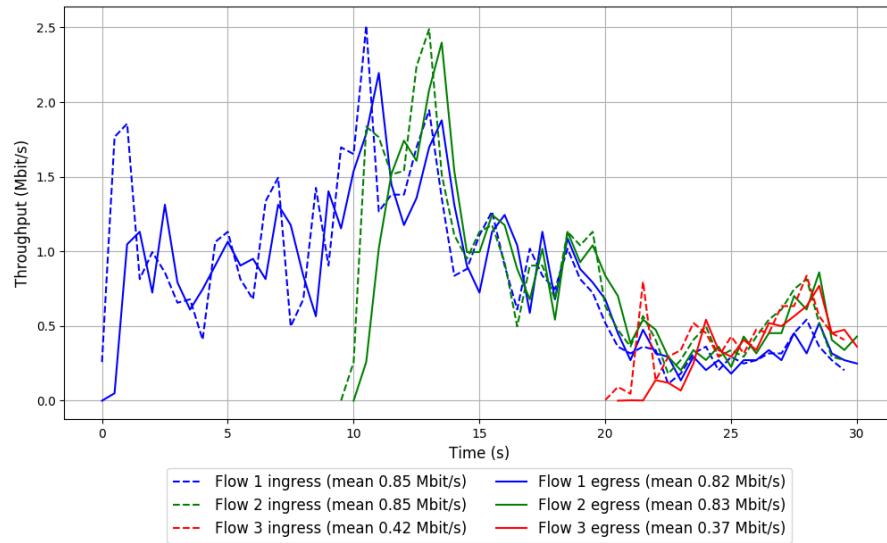


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-05-24 10:50:48
End at: 2018-05-24 10:51:18
Local clock offset: 2.173 ms
Remote clock offset: -7.581 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 966.700 ms
Loss rate: 4.39%
-- Flow 1:
Average throughput: 0.82 Mbit/s
95th percentile per-packet one-way delay: 928.238 ms
Loss rate: 2.74%
-- Flow 2:
Average throughput: 0.83 Mbit/s
95th percentile per-packet one-way delay: 928.203 ms
Loss rate: 3.76%
-- Flow 3:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 1035.300 ms
Loss rate: 17.14%
```

Run 6: Report of QUIC Cubic — Data Link

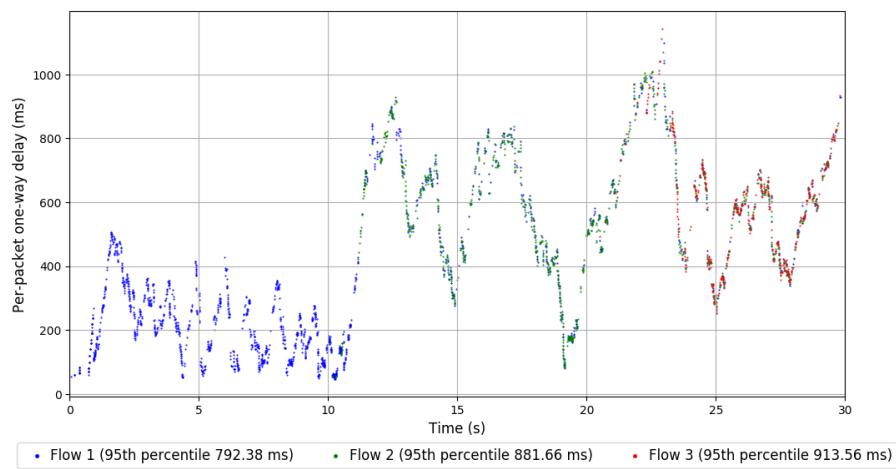
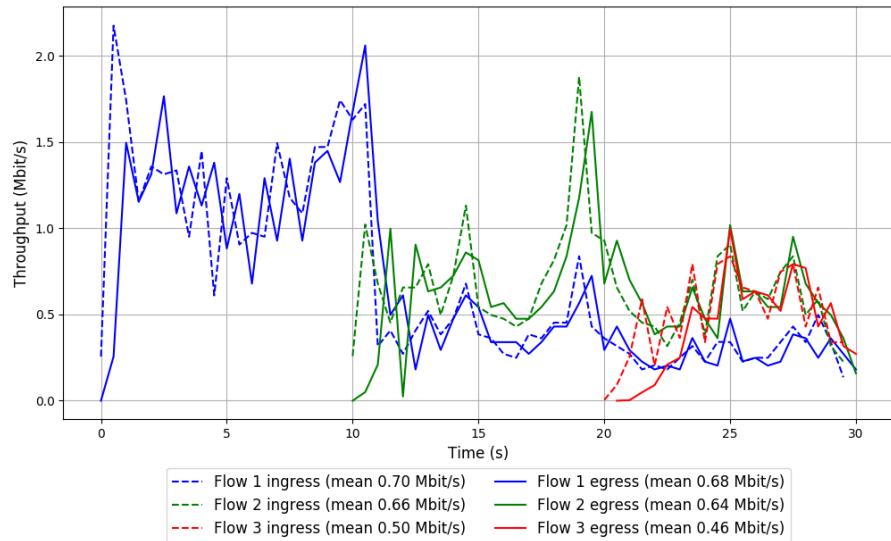


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-05-24 11:08:18
End at: 2018-05-24 11:08:48
Local clock offset: 2.804 ms
Remote clock offset: 5.255 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.24 Mbit/s
95th percentile per-packet one-way delay: 833.567 ms
Loss rate: 4.86%
-- Flow 1:
Average throughput: 0.68 Mbit/s
95th percentile per-packet one-way delay: 792.376 ms
Loss rate: 3.09%
-- Flow 2:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 881.663 ms
Loss rate: 4.58%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 913.561 ms
Loss rate: 13.06%
```

Run 7: Report of QUIC Cubic — Data Link

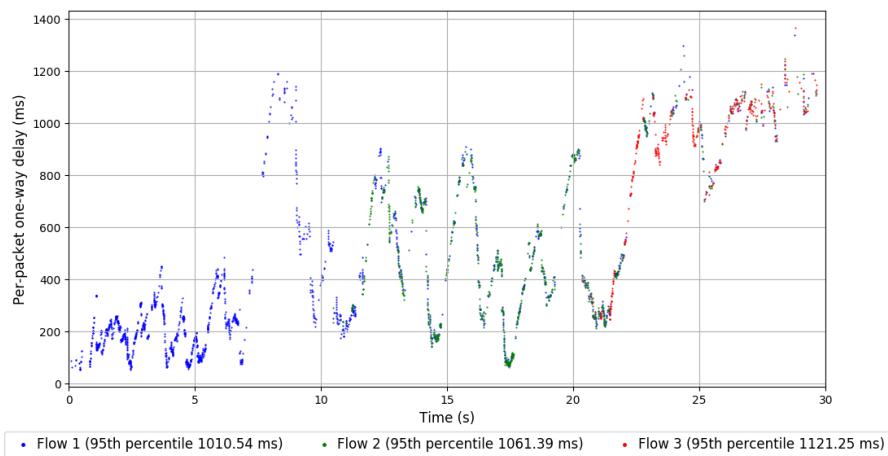
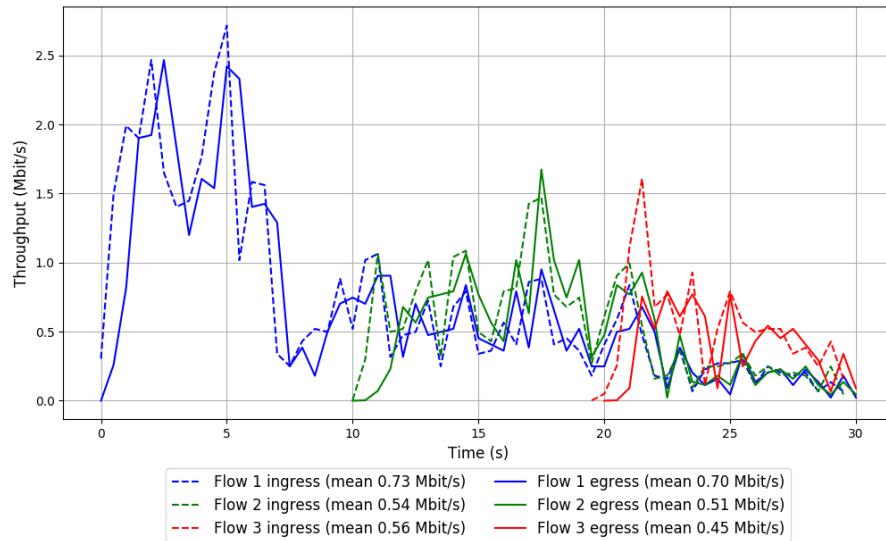


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-05-24 11:26:01
End at: 2018-05-24 11:26:31
Local clock offset: -1.999 ms
Remote clock offset: 9.037 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 1070.236 ms
Loss rate: 7.94%
-- Flow 1:
Average throughput: 0.70 Mbit/s
95th percentile per-packet one-way delay: 1010.541 ms
Loss rate: 4.45%
-- Flow 2:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 1061.386 ms
Loss rate: 7.05%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 1121.251 ms
Loss rate: 23.32%
```

Run 8: Report of QUIC Cubic — Data Link

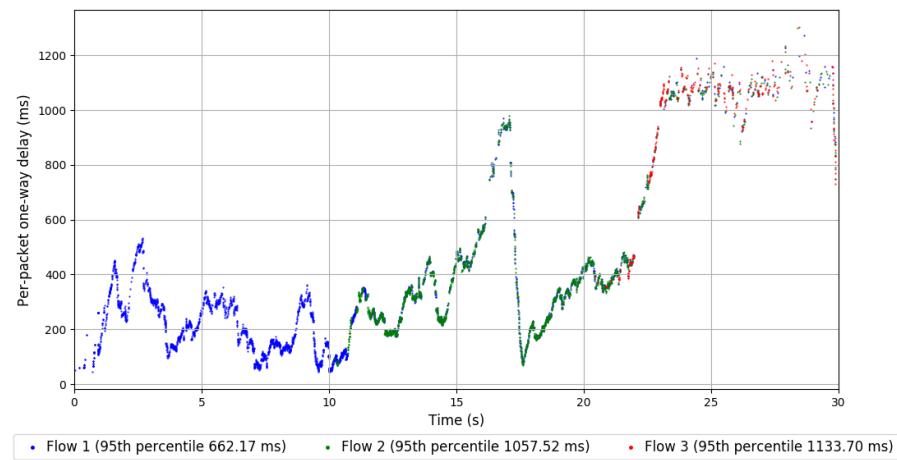
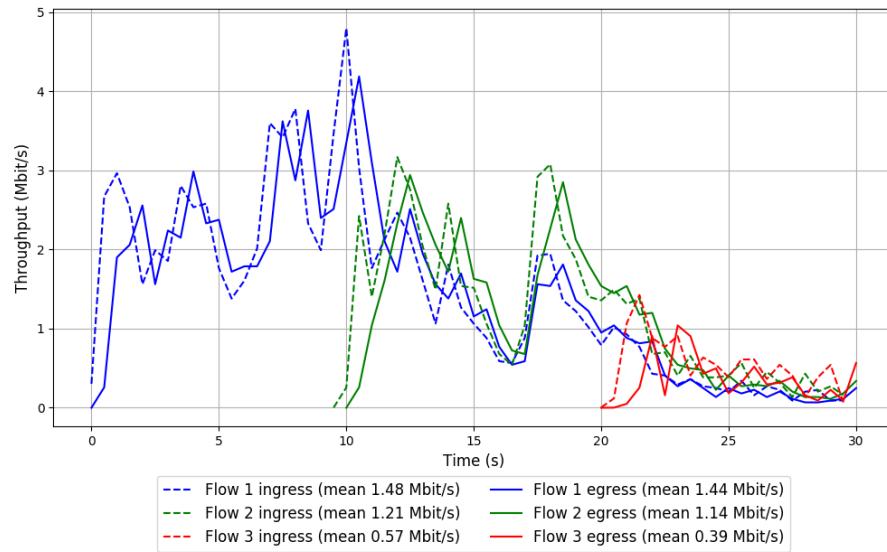


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-05-24 11:43:55
End at: 2018-05-24 11:44:25
Local clock offset: 2.975 ms
Remote clock offset: 5.11 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 1057.521 ms
Loss rate: 5.68%
-- Flow 1:
Average throughput: 1.44 Mbit/s
95th percentile per-packet one-way delay: 662.169 ms
Loss rate: 2.41%
-- Flow 2:
Average throughput: 1.14 Mbit/s
95th percentile per-packet one-way delay: 1057.521 ms
Loss rate: 5.84%
-- Flow 3:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 1133.702 ms
Loss rate: 31.60%
```

Run 9: Report of QUIC Cubic — Data Link

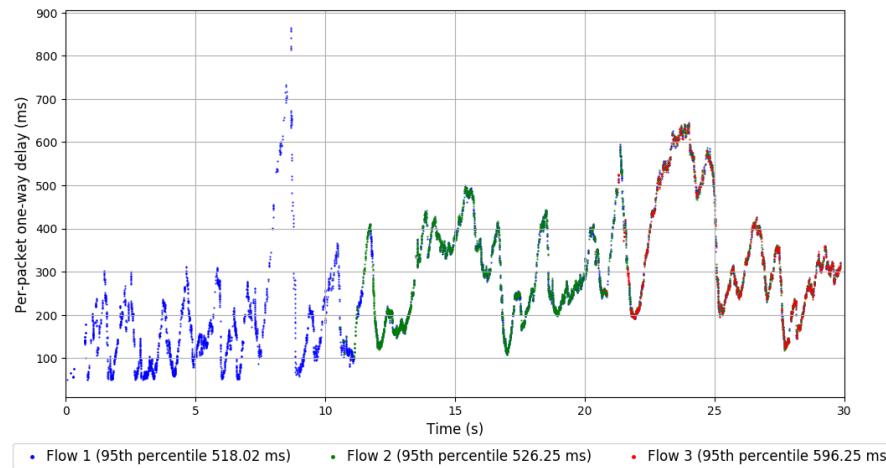
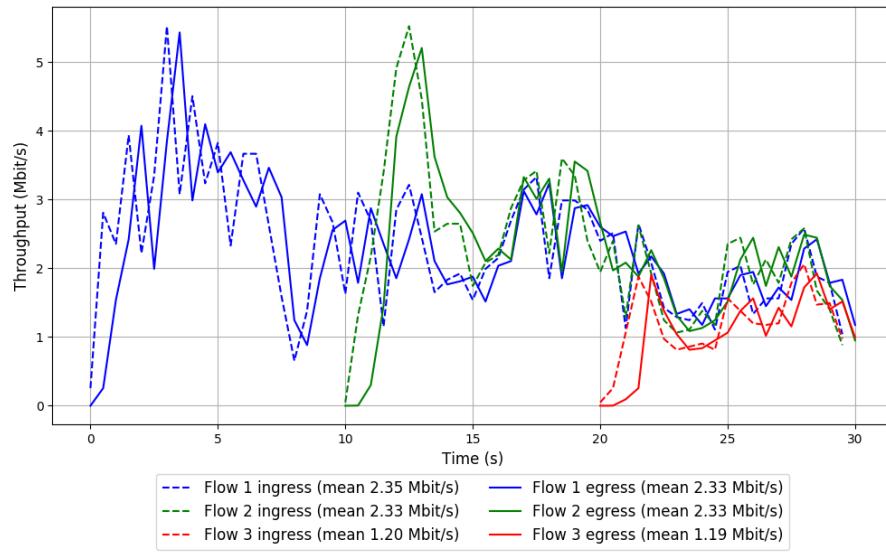


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-05-24 12:01:36
End at: 2018-05-24 12:02:06
Local clock offset: -2.606 ms
Remote clock offset: 3.673 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.24 Mbit/s
95th percentile per-packet one-way delay: 536.630 ms
Loss rate: 1.41%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 518.019 ms
Loss rate: 1.03%
-- Flow 2:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 526.254 ms
Loss rate: 1.27%
-- Flow 3:
Average throughput: 1.19 Mbit/s
95th percentile per-packet one-way delay: 596.247 ms
Loss rate: 4.25%
```

Run 10: Report of QUIC Cubic — Data Link

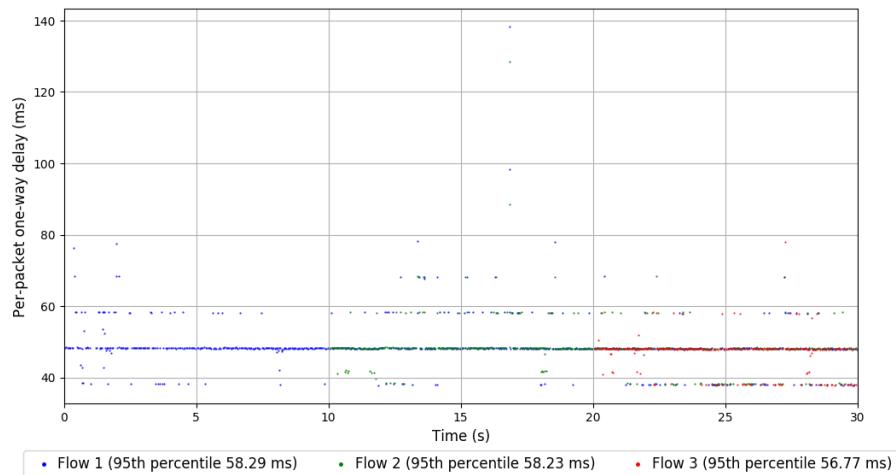
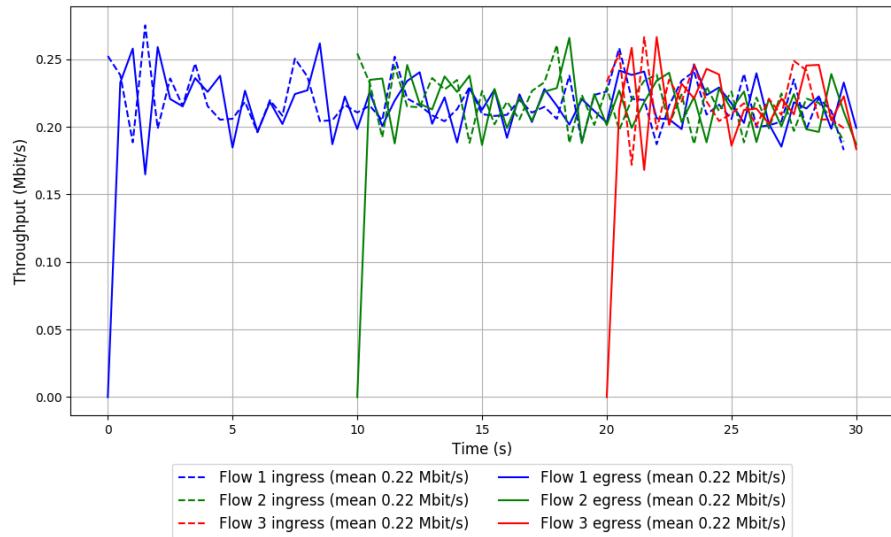


```
Run 1: Statistics of SCReAM

Start at: 2018-05-24 09:18:10
End at: 2018-05-24 09:18:40
Local clock offset: 1.355 ms
Remote clock offset: 3.953 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 58.229 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 58.286 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 58.235 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 56.772 ms
Loss rate: 0.35%
```

Run 1: Report of SCReAM — Data Link

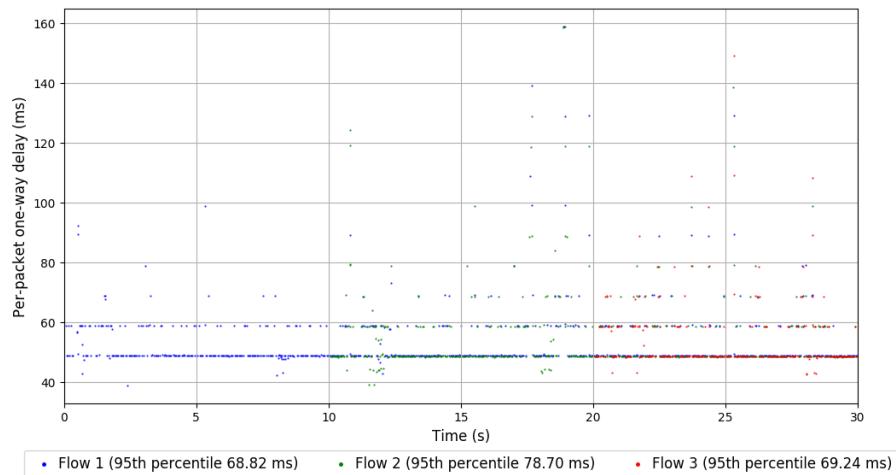
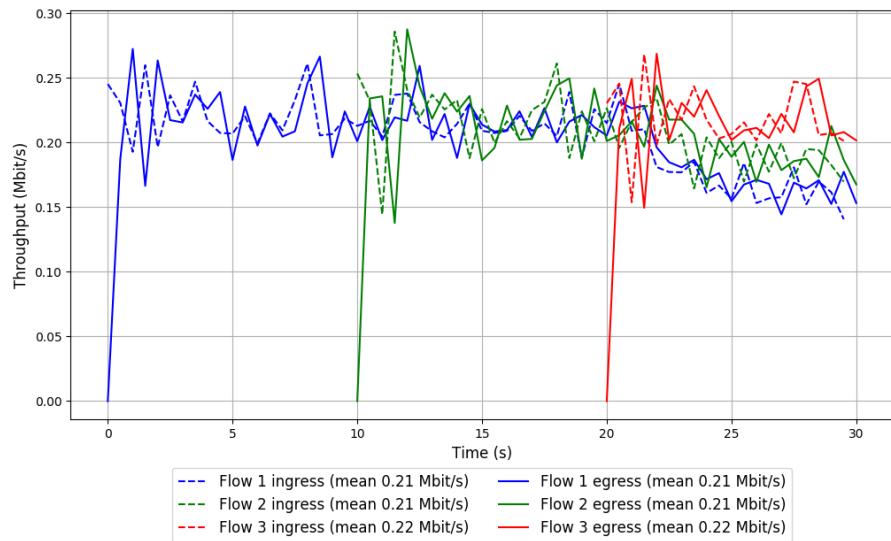


Run 2: Statistics of SCReAM

```
Start at: 2018-05-24 09:35:48
End at: 2018-05-24 09:36:18
Local clock offset: 0.685 ms
Remote clock offset: 13.384 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 68.907 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 68.817 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 78.705 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 69.236 ms
Loss rate: 0.36%
```

Run 2: Report of SCReAM — Data Link

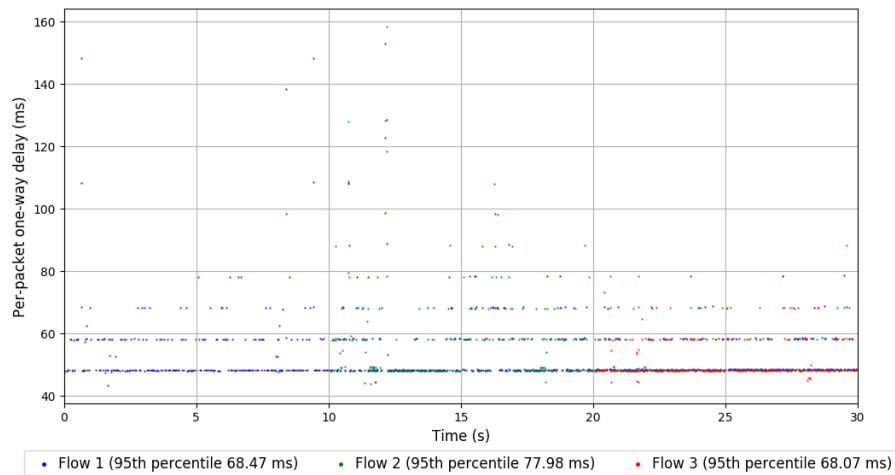
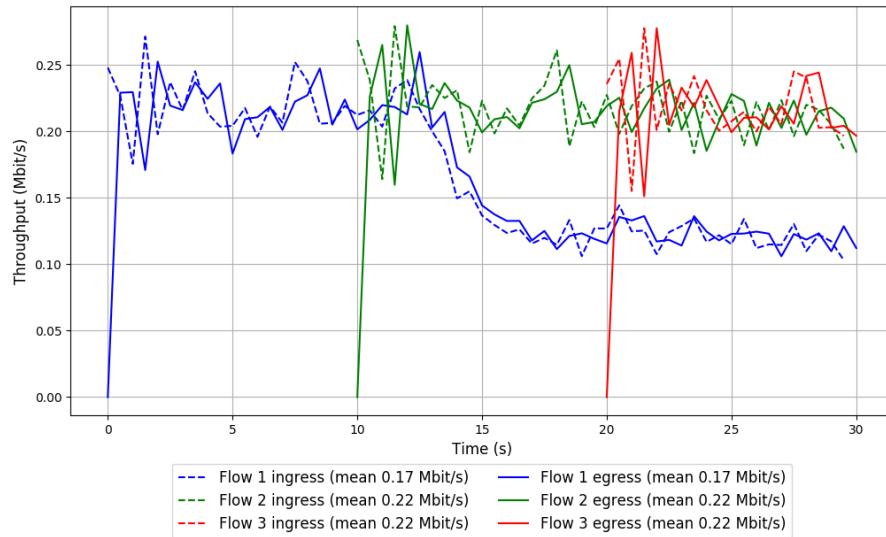


Run 3: Statistics of SCReAM

```
Start at: 2018-05-24 09:53:26
End at: 2018-05-24 09:53:56
Local clock offset: 1.448 ms
Remote clock offset: 5.323 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 68.346 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 68.466 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 77.981 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 68.066 ms
Loss rate: 0.35%
```

Run 3: Report of SCReAM — Data Link

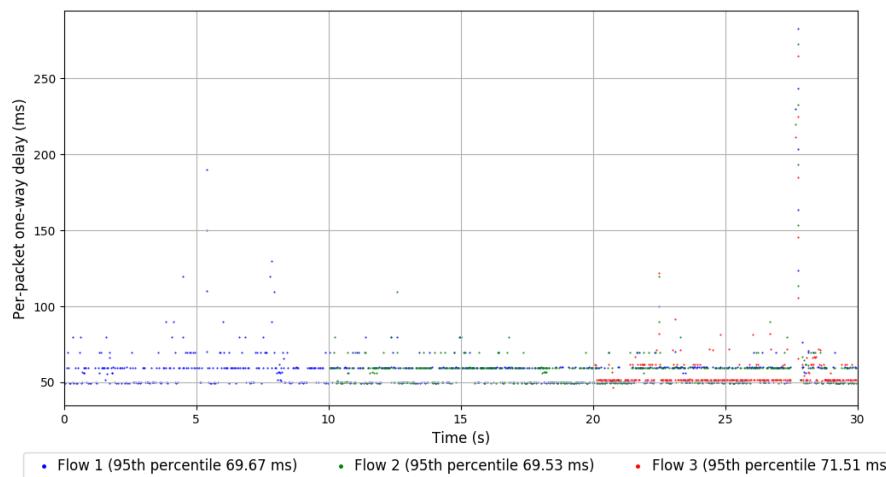
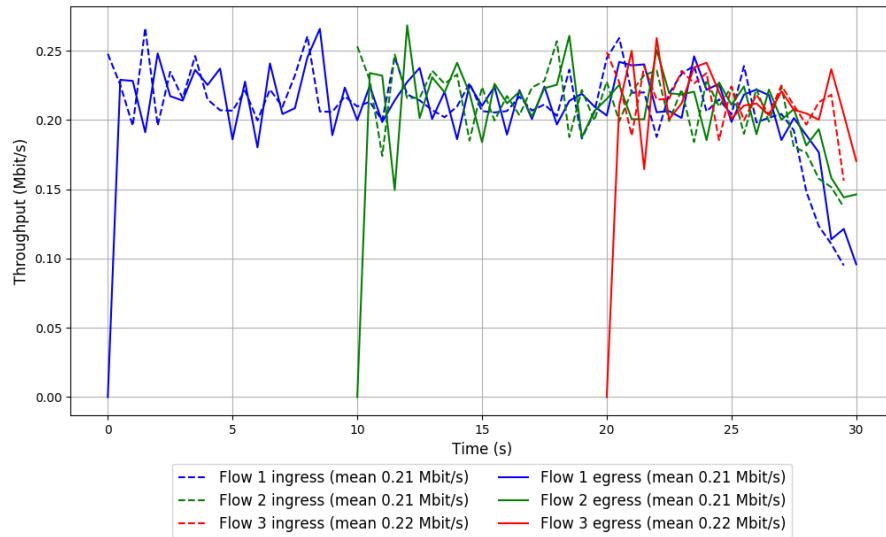


Run 4: Statistics of SCReAM

```
Start at: 2018-05-24 10:11:14
End at: 2018-05-24 10:11:44
Local clock offset: 0.508 ms
Remote clock offset: 1.77 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 69.705 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 69.672 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 69.532 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 71.510 ms
Loss rate: 0.31%
```

Run 4: Report of SCReAM — Data Link

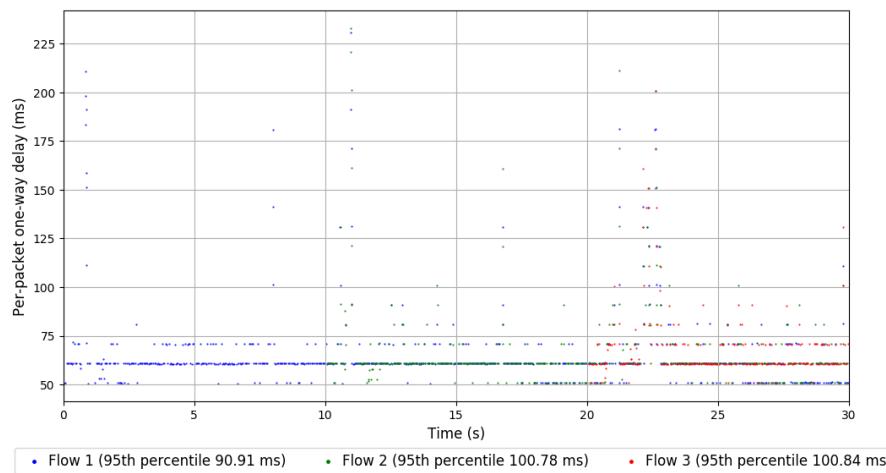
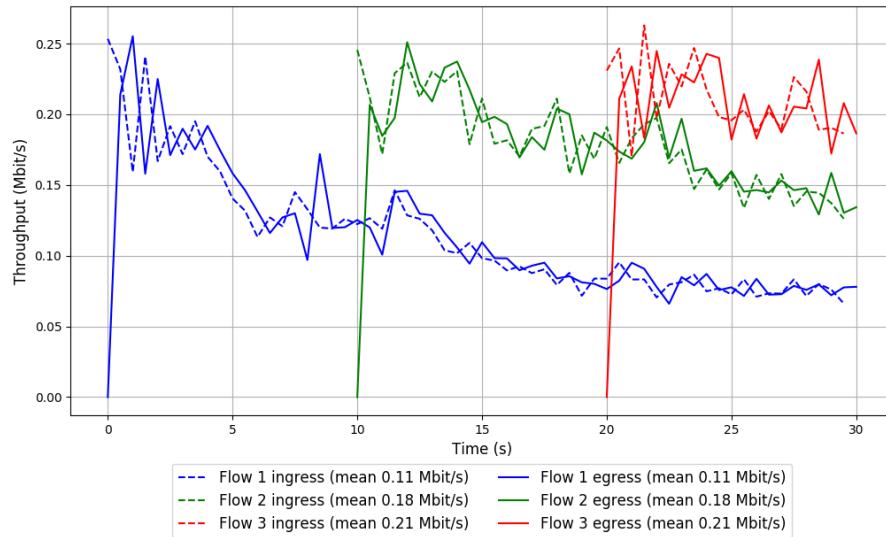


Run 5: Statistics of SCReAM

```
Start at: 2018-05-24 10:28:45
End at: 2018-05-24 10:29:15
Local clock offset: -1.141 ms
Remote clock offset: -2.991 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 98.391 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 90.907 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 100.781 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 100.843 ms
Loss rate: 0.34%
```

Run 5: Report of SCReAM — Data Link

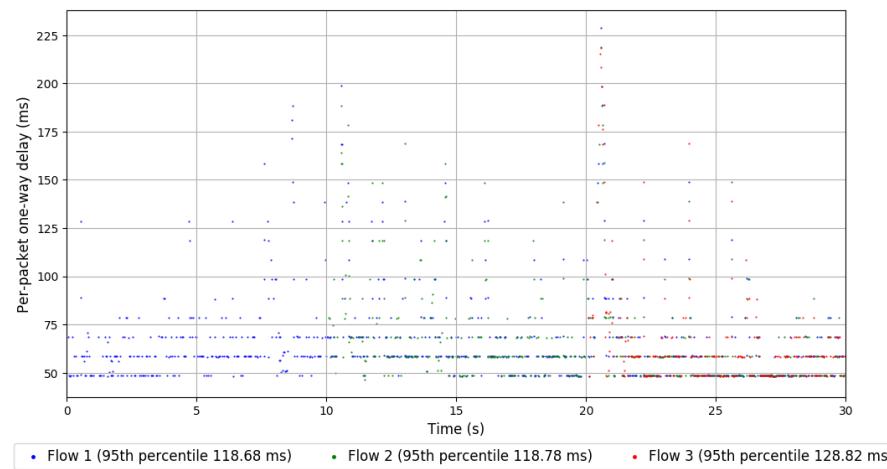
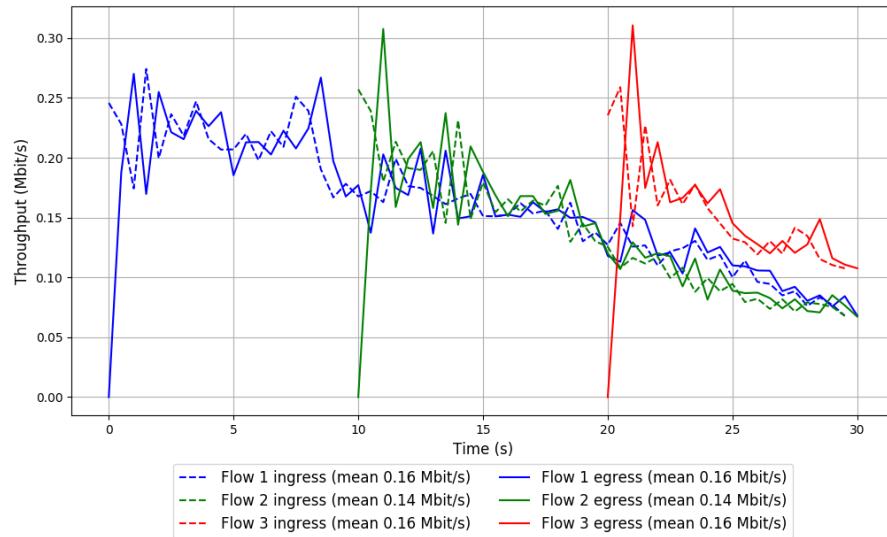


Run 6: Statistics of SCReAM

```
Start at: 2018-05-24 10:46:23
End at: 2018-05-24 10:46:53
Local clock offset: -0.875 ms
Remote clock offset: -6.346 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 118.776 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 118.682 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 118.776 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 128.823 ms
Loss rate: 0.27%
```

Run 6: Report of SCReAM — Data Link

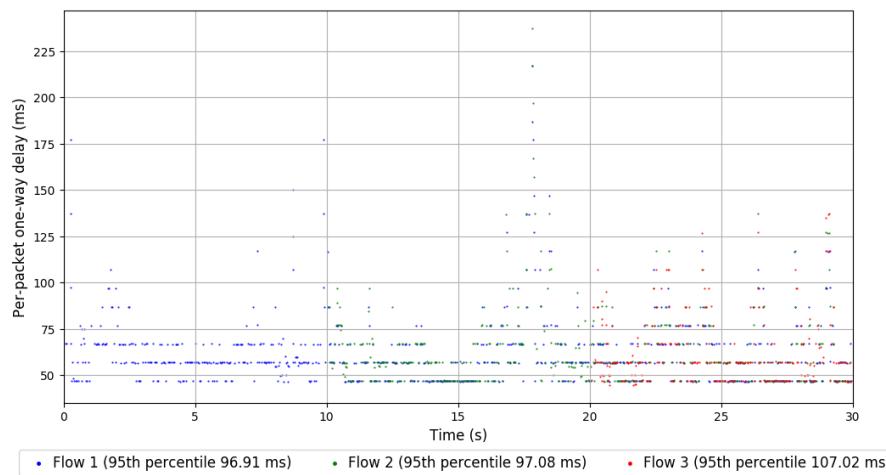
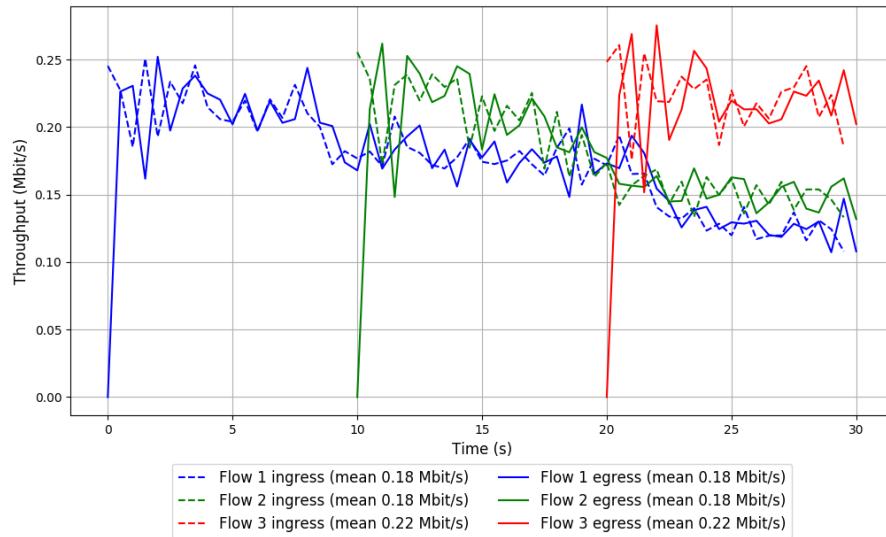


Run 7: Statistics of SCReAM

```
Start at: 2018-05-24 11:03:55
End at: 2018-05-24 11:04:25
Local clock offset: 1.485 ms
Remote clock offset: 3.783 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 97.058 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 96.907 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 97.079 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 107.017 ms
Loss rate: 0.35%
```

Run 7: Report of SCReAM — Data Link

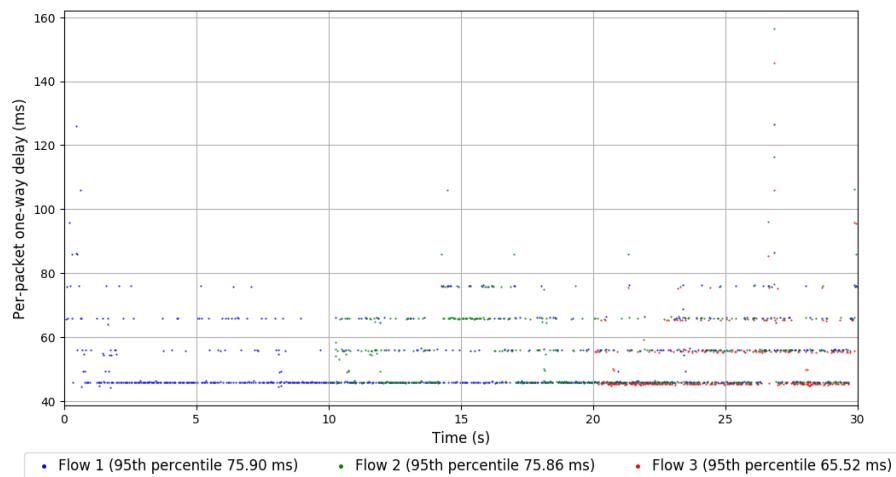
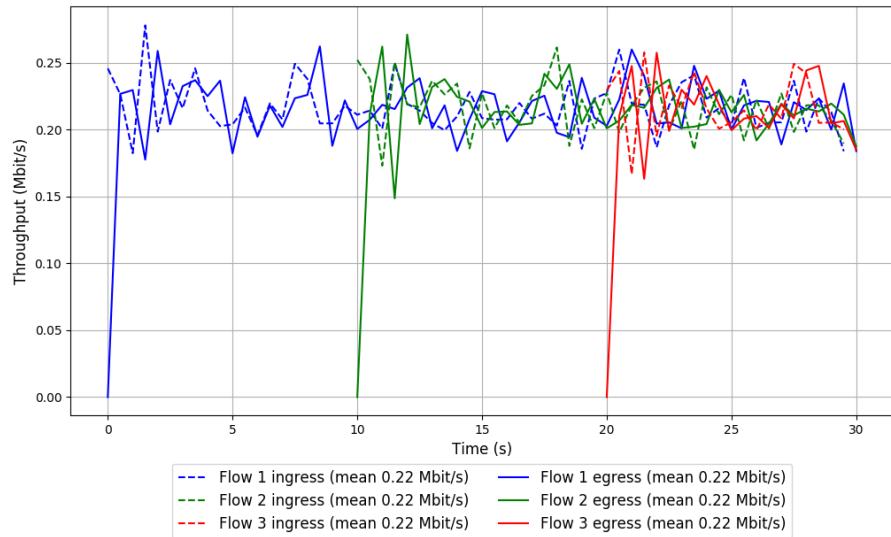


Run 8: Statistics of SCReAM

```
Start at: 2018-05-24 11:21:37
End at: 2018-05-24 11:22:07
Local clock offset: 2.343 ms
Remote clock offset: 8.181 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 75.849 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 75.896 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 75.855 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 65.518 ms
Loss rate: 0.72%
```

Run 8: Report of SCReAM — Data Link

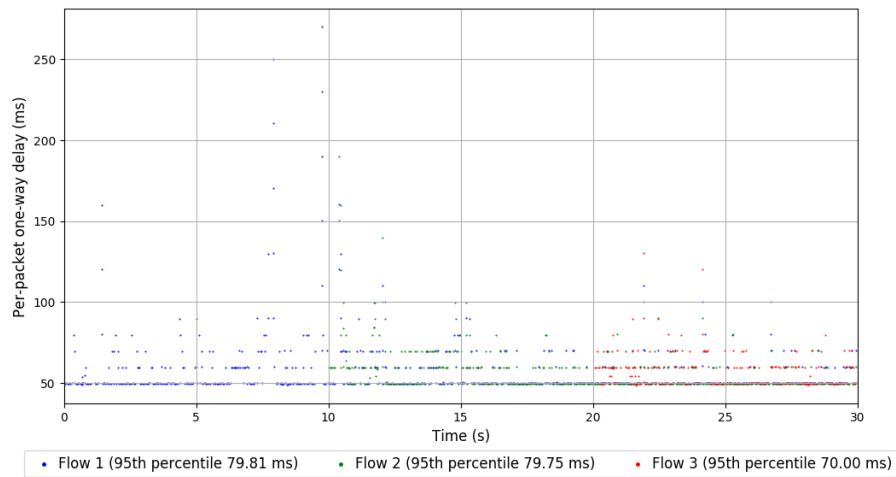
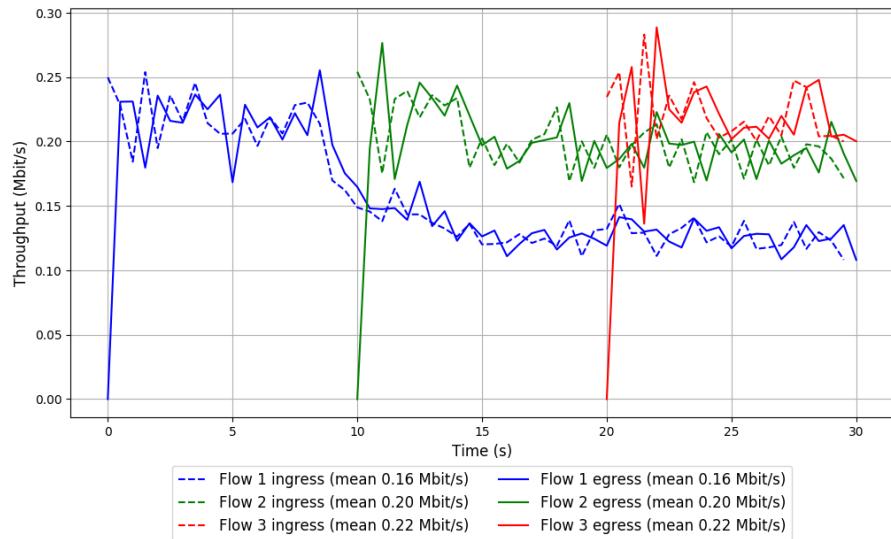


Run 9: Statistics of SCReAM

```
Start at: 2018-05-24 11:39:22
End at: 2018-05-24 11:39:52
Local clock offset: -1.392 ms
Remote clock offset: 4.713 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 79.754 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 79.807 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 79.754 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 69.997 ms
Loss rate: 0.35%
```

Run 9: Report of SCReAM — Data Link

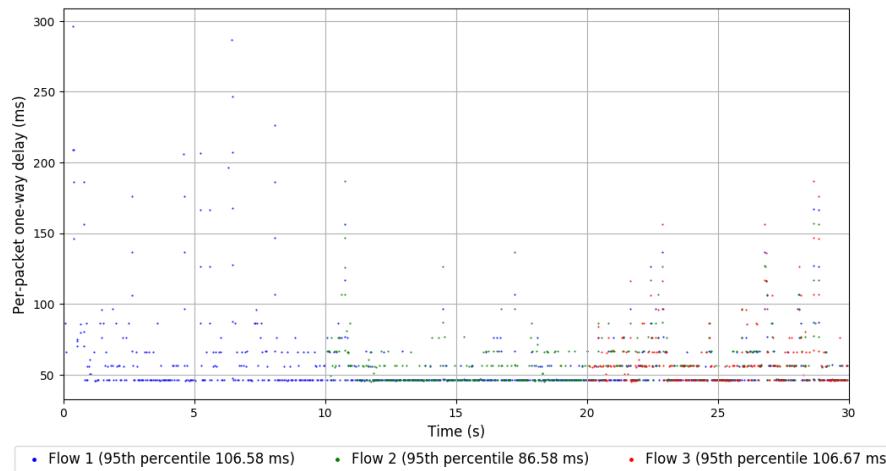
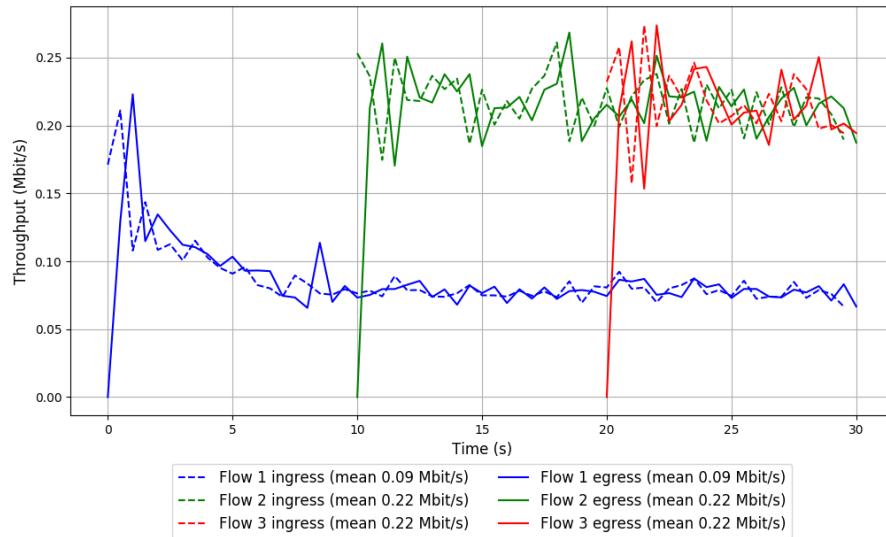


Run 10: Statistics of SCReAM

```
Start at: 2018-05-24 11:57:08
End at: 2018-05-24 11:57:38
Local clock offset: 3.184 ms
Remote clock offset: 4.74 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 106.311 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 0.09 Mbit/s
95th percentile per-packet one-way delay: 106.585 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.578 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 106.675 ms
Loss rate: 0.35%
```

Run 10: Report of SCReAM — Data Link

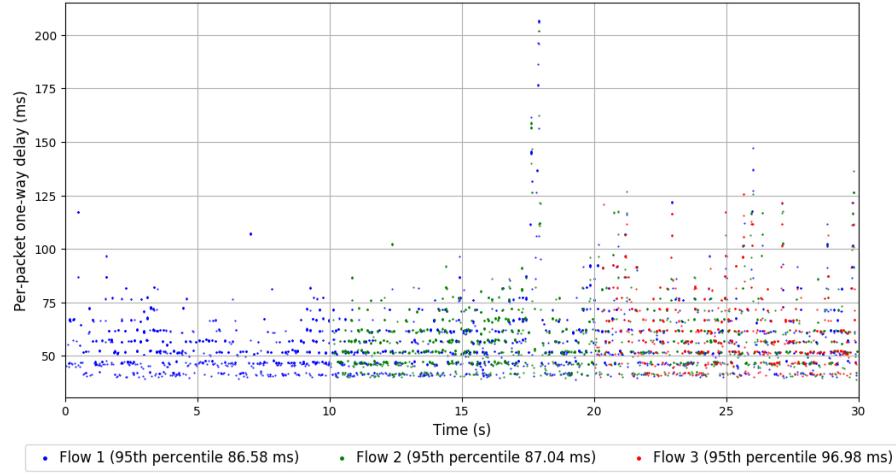
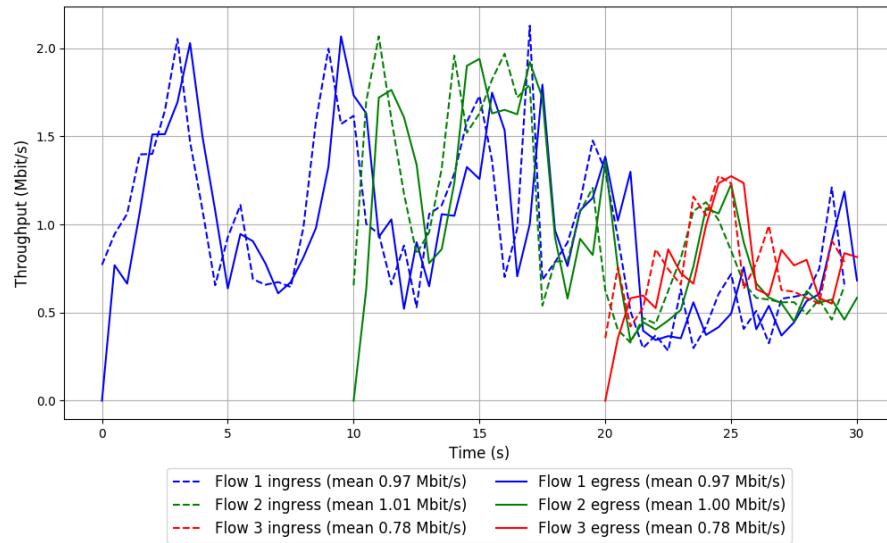


Run 1: Statistics of Sprout

```
Start at: 2018-05-24 09:29:13
End at: 2018-05-24 09:29:43
Local clock offset: 0.089 ms
Remote clock offset: 11.313 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.90 Mbit/s
95th percentile per-packet one-way delay: 91.261 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 0.97 Mbit/s
95th percentile per-packet one-way delay: 86.579 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.00 Mbit/s
95th percentile per-packet one-way delay: 87.036 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 0.78 Mbit/s
95th percentile per-packet one-way delay: 96.983 ms
Loss rate: 0.29%
```

Run 1: Report of Sprout — Data Link

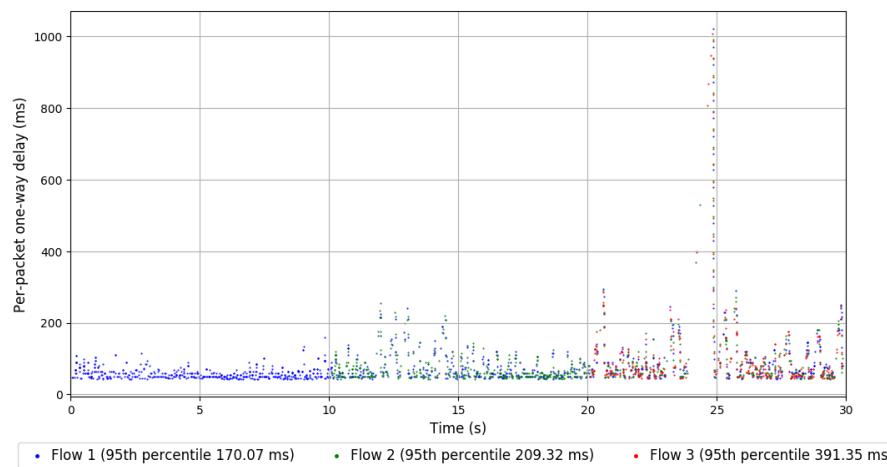
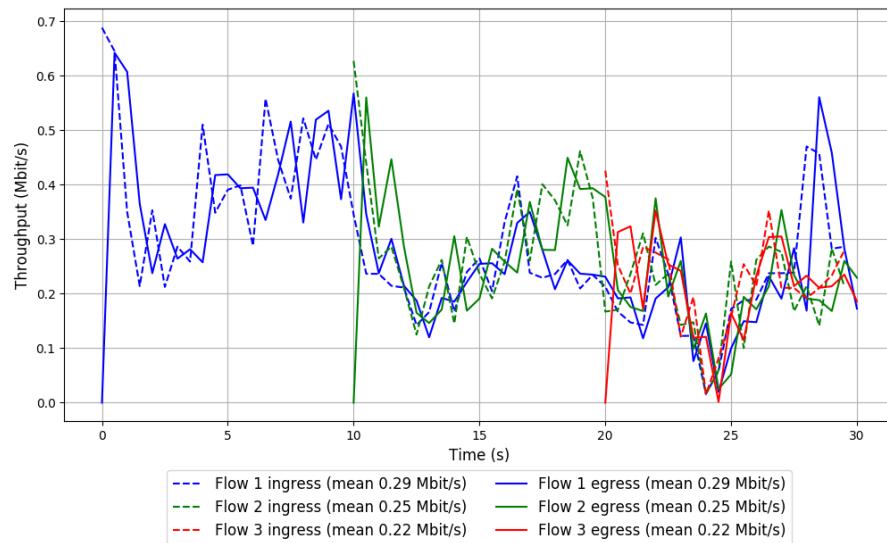


Run 2: Statistics of Sprout

```
Start at: 2018-05-24 09:46:47
End at: 2018-05-24 09:47:17
Local clock offset: -2.765 ms
Remote clock offset: 10.851 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 209.323 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 170.071 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 209.323 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 391.349 ms
Loss rate: 2.65%
```

Run 2: Report of Sprout — Data Link

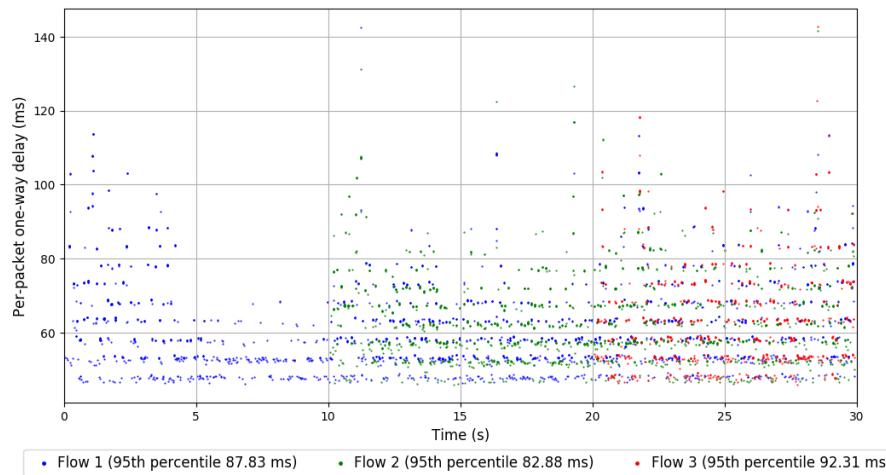
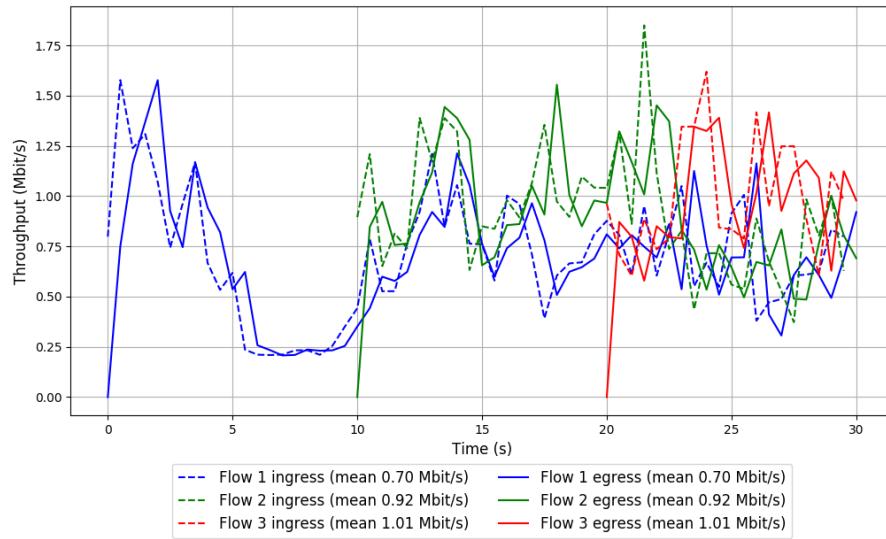


Run 3: Statistics of Sprout

```
Start at: 2018-05-24 10:04:30
End at: 2018-05-24 10:05:00
Local clock offset: 1.8 ms
Remote clock offset: 1.887 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.65 Mbit/s
95th percentile per-packet one-way delay: 87.314 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 0.70 Mbit/s
95th percentile per-packet one-way delay: 87.835 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 0.92 Mbit/s
95th percentile per-packet one-way delay: 82.876 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 1.01 Mbit/s
95th percentile per-packet one-way delay: 92.307 ms
Loss rate: 0.01%
```

Run 3: Report of Sprout — Data Link

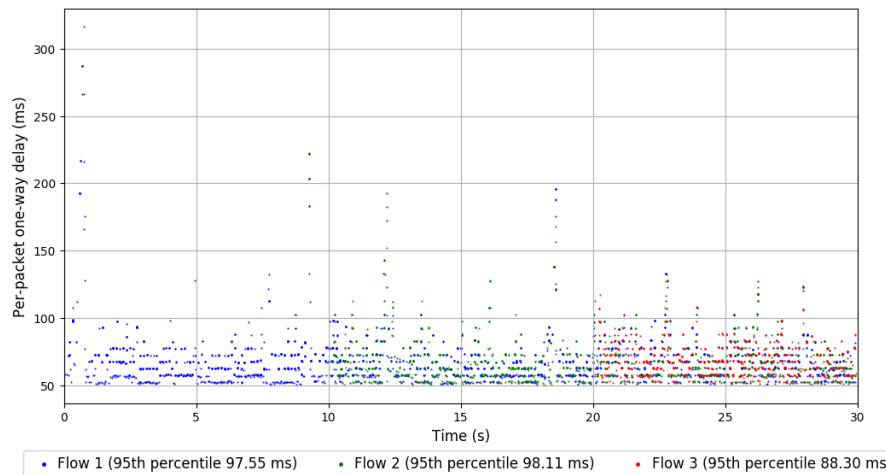
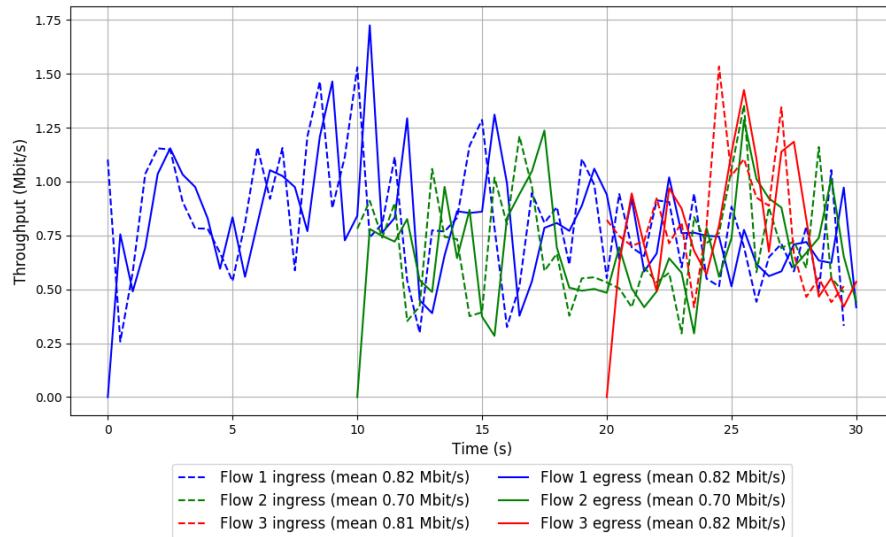


Run 4: Statistics of Sprout

```
Start at: 2018-05-24 10:22:12
End at: 2018-05-24 10:22:42
Local clock offset: -2.424 ms
Remote clock offset: -0.686 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.56 Mbit/s
95th percentile per-packet one-way delay: 97.387 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.82 Mbit/s
95th percentile per-packet one-way delay: 97.553 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 0.70 Mbit/s
95th percentile per-packet one-way delay: 98.108 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 0.82 Mbit/s
95th percentile per-packet one-way delay: 88.298 ms
Loss rate: 0.01%
```

Run 4: Report of Sprout — Data Link

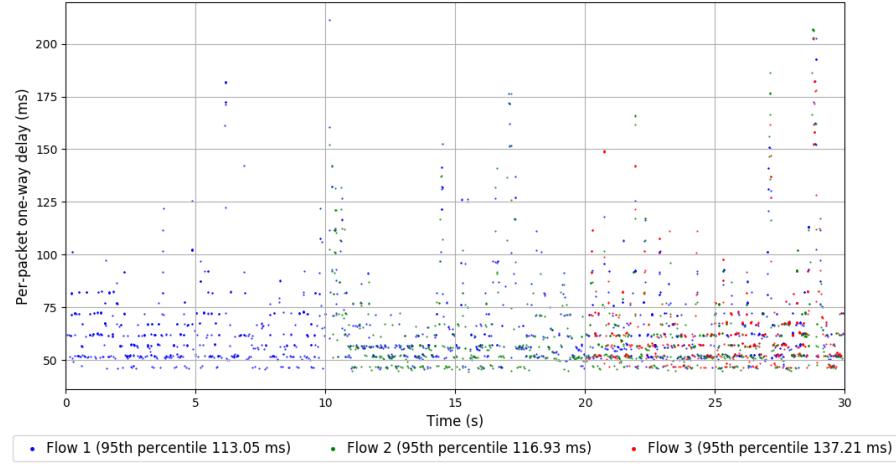
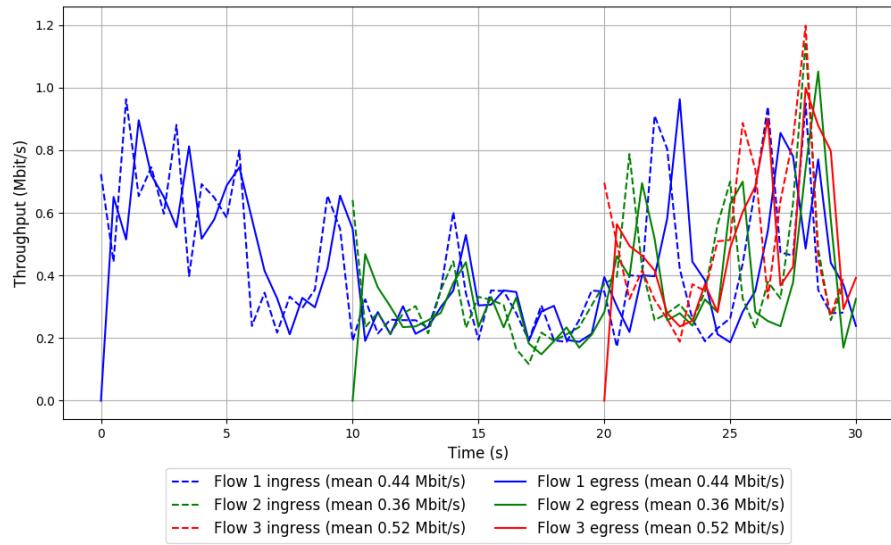


Run 5: Statistics of Sprout

```
Start at: 2018-05-24 10:39:47
End at: 2018-05-24 10:40:17
Local clock offset: 2.255 ms
Remote clock offset: -4.785 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.85 Mbit/s
95th percentile per-packet one-way delay: 116.352 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 113.052 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 116.930 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 0.52 Mbit/s
95th percentile per-packet one-way delay: 137.210 ms
Loss rate: 0.02%
```

Run 5: Report of Sprout — Data Link

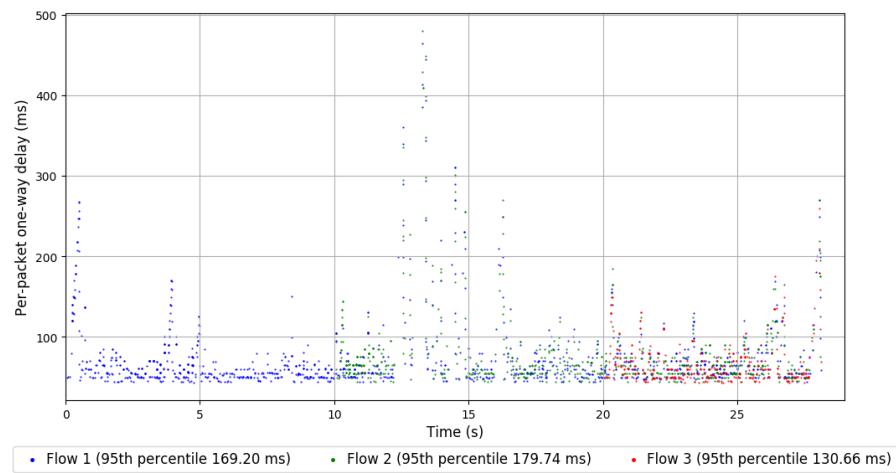
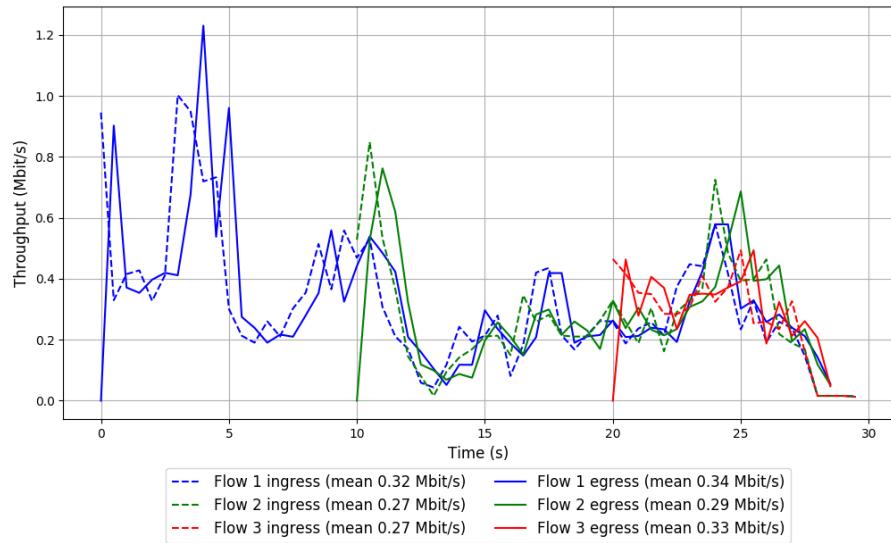


Run 6: Statistics of Sprout

```
Start at: 2018-05-24 10:57:22
End at: 2018-05-24 10:57:52
Local clock offset: 2.394 ms
Remote clock offset: -1.3 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 164.503 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 169.197 ms
Loss rate: 0.31%
-- Flow 2:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 179.744 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 130.665 ms
Loss rate: 1.09%
```

Run 6: Report of Sprout — Data Link

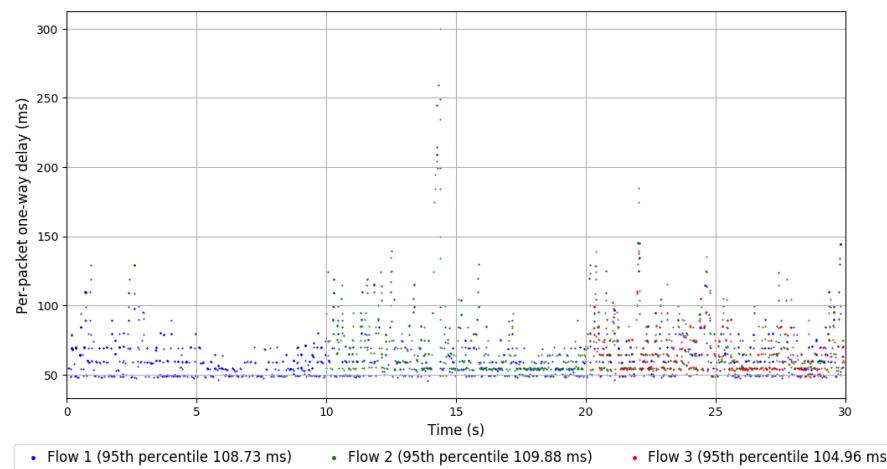
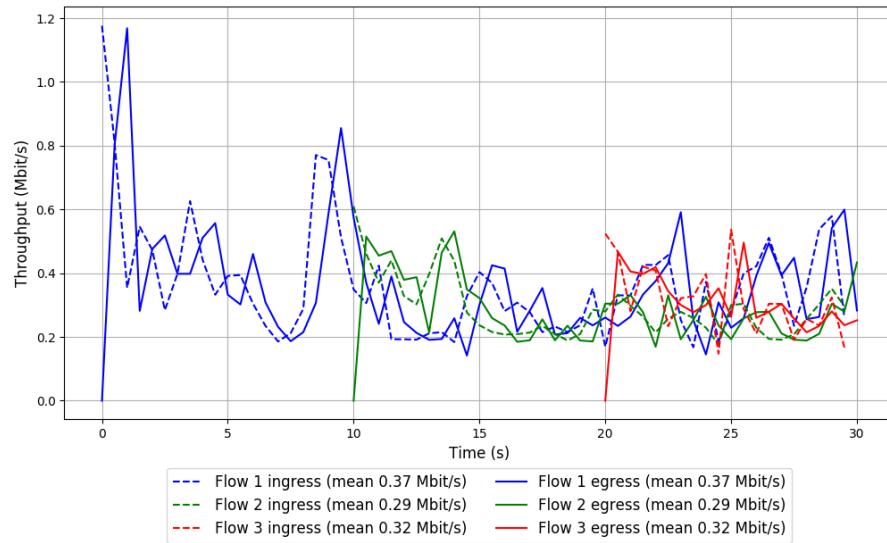


Run 7: Statistics of Sprout

```
Start at: 2018-05-24 11:14:59
End at: 2018-05-24 11:15:29
Local clock offset: -0.785 ms
Remote clock offset: 6.14 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 108.723 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 108.726 ms
Loss rate: 0.43%
-- Flow 2:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 109.881 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 104.958 ms
Loss rate: 0.05%
```

Run 7: Report of Sprout — Data Link

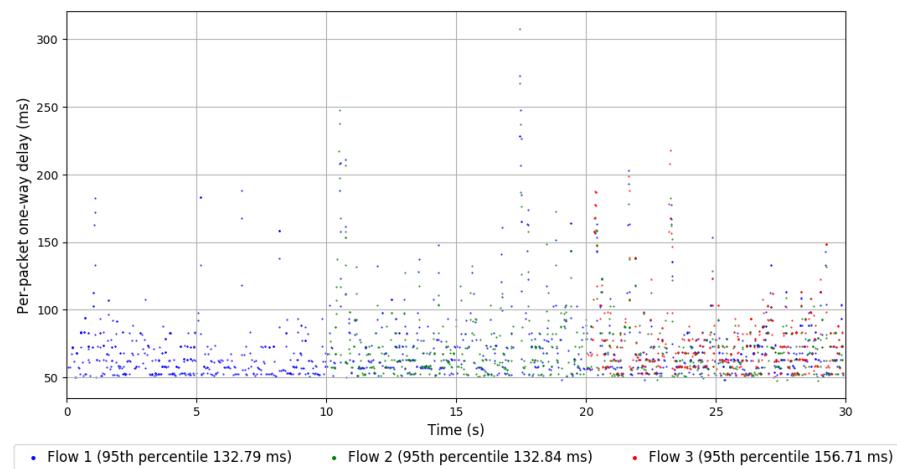
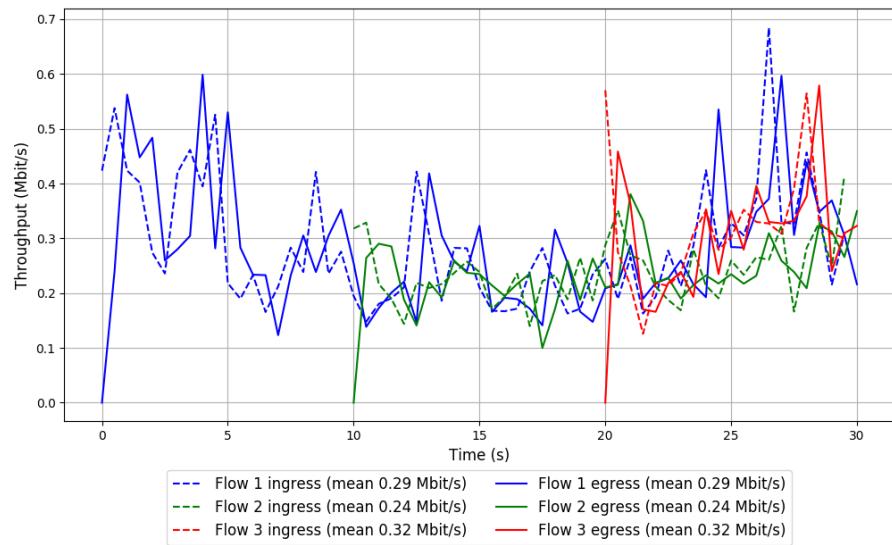


Run 8: Statistics of Sprout

```
Start at: 2018-05-24 11:32:42
End at: 2018-05-24 11:33:12
Local clock offset: -2.391 ms
Remote clock offset: 6.075 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: 138.078 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 132.789 ms
Loss rate: 0.54%
-- Flow 2:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 132.845 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 156.711 ms
Loss rate: 1.06%
```

Run 8: Report of Sprout — Data Link

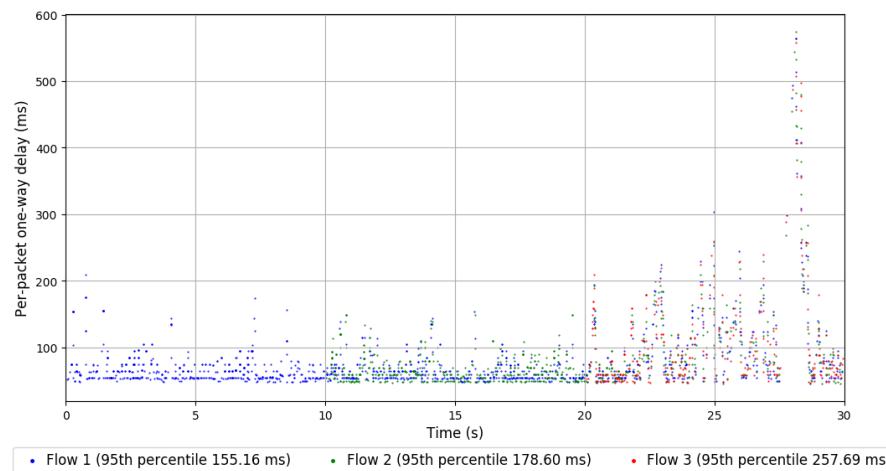
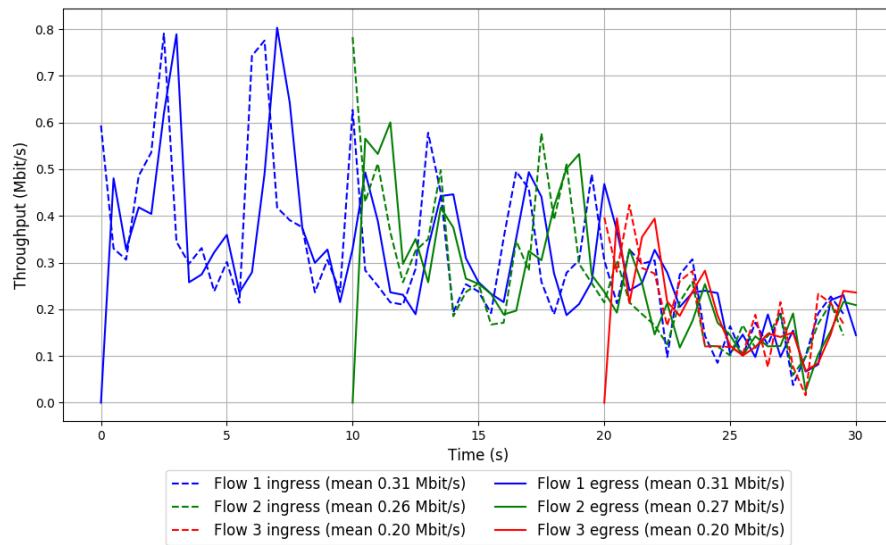


Run 9: Statistics of Sprout

```
Start at: 2018-05-24 11:50:32
End at: 2018-05-24 11:51:02
Local clock offset: 0.29 ms
Remote clock offset: 2.696 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 179.562 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 155.162 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 178.603 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 257.695 ms
Loss rate: 0.04%
```

Run 9: Report of Sprout — Data Link

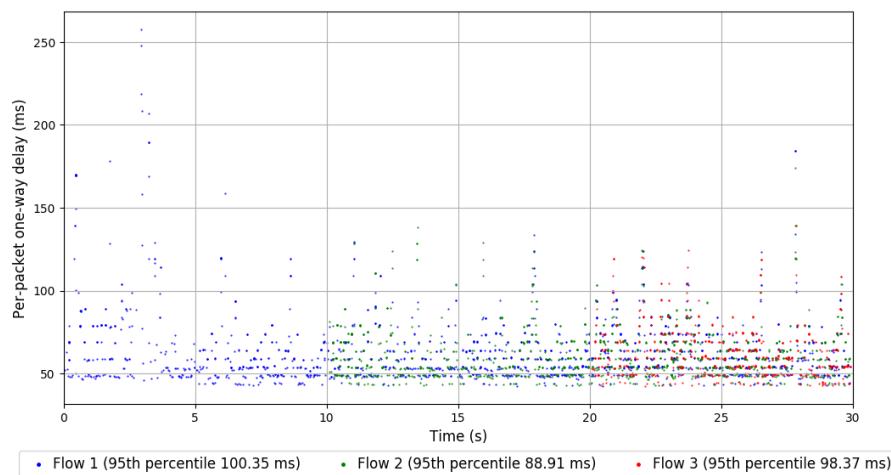
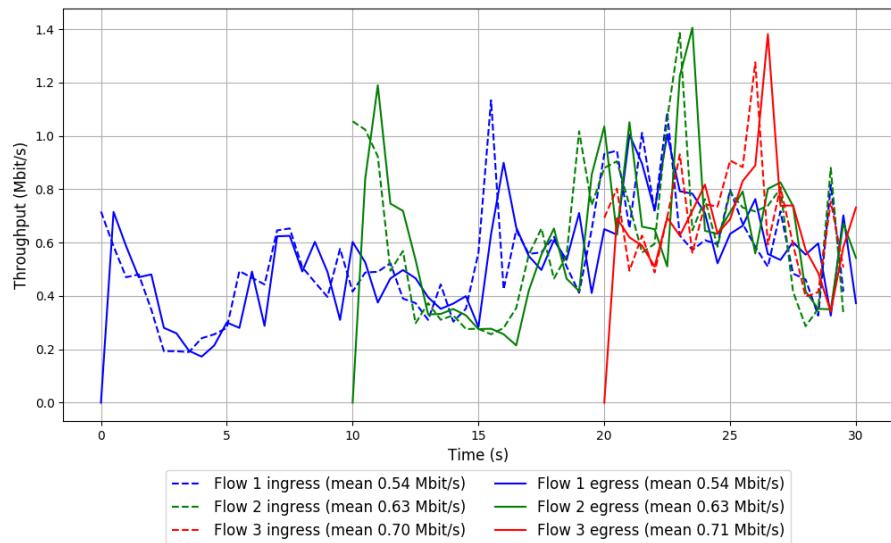


Run 10: Statistics of Sprout

```
Start at: 2018-05-24 12:08:16
End at: 2018-05-24 12:08:46
Local clock offset: 0.725 ms
Remote clock offset: 2.801 ms

# Below is generated by plot.py at 2018-05-24 12:11:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.19 Mbit/s
95th percentile per-packet one-way delay: 94.435 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 100.354 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 88.913 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 0.71 Mbit/s
95th percentile per-packet one-way delay: 98.372 ms
Loss rate: 0.14%
```

Run 10: Report of Sprout — Data Link

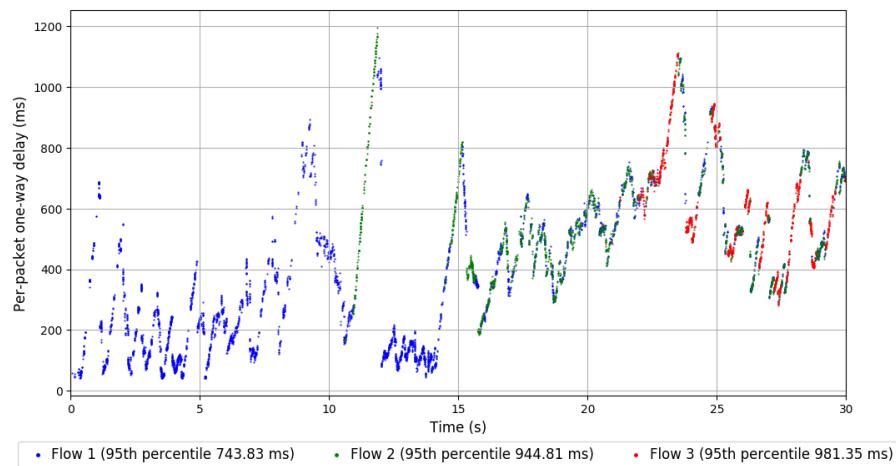
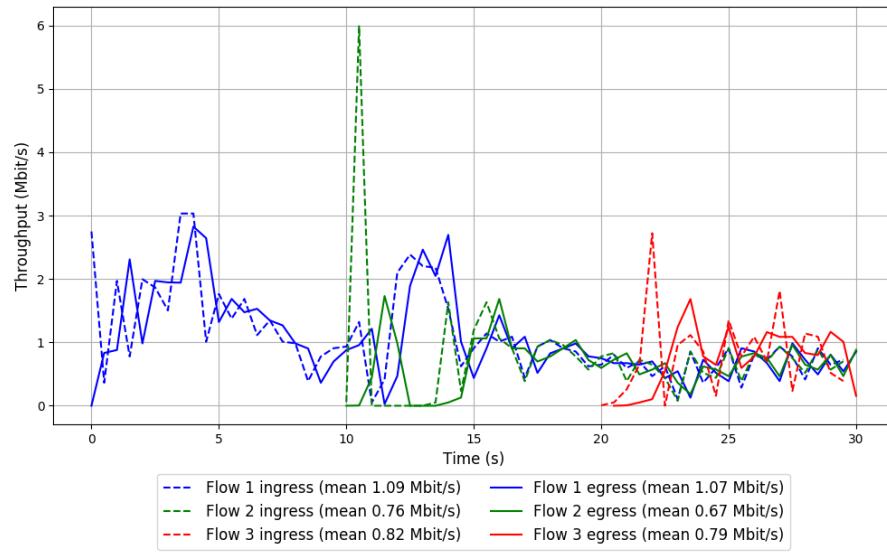


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-05-24 09:13:47
End at: 2018-05-24 09:14:17
Local clock offset: 0.36 ms
Remote clock offset: -0.601 ms

# Below is generated by plot.py at 2018-05-24 12:11:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.76 Mbit/s
95th percentile per-packet one-way delay: 873.429 ms
Loss rate: 5.67%
-- Flow 1:
Average throughput: 1.07 Mbit/s
95th percentile per-packet one-way delay: 743.826 ms
Loss rate: 2.26%
-- Flow 2:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 944.808 ms
Loss rate: 13.02%
-- Flow 3:
Average throughput: 0.79 Mbit/s
95th percentile per-packet one-way delay: 981.350 ms
Loss rate: 5.68%
```

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

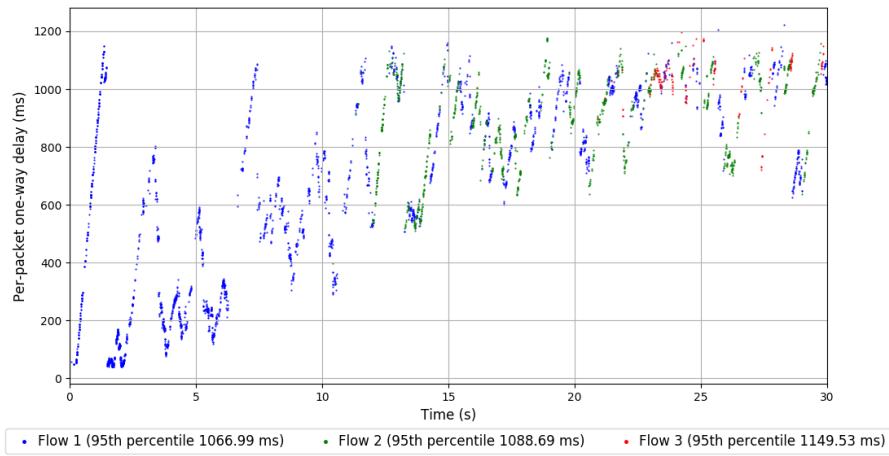
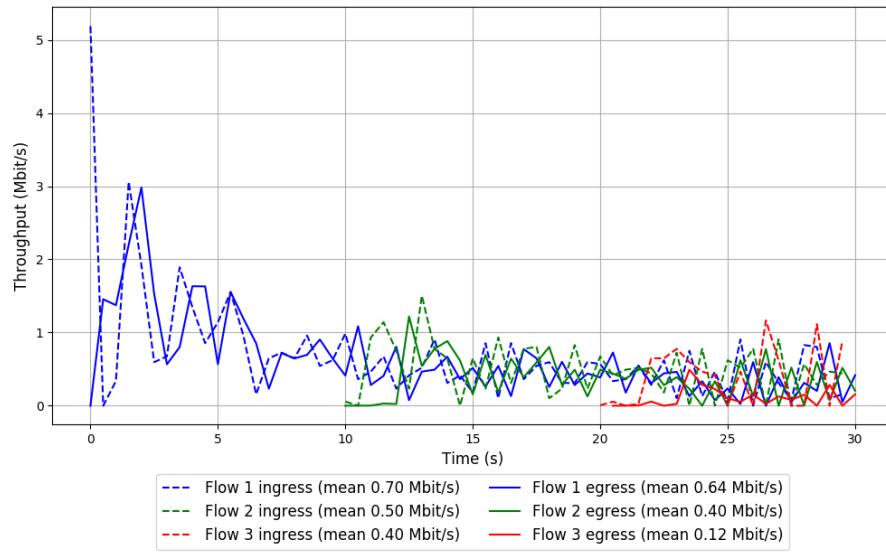


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-05-24 09:31:24
End at: 2018-05-24 09:31:54
Local clock offset: 1.006 ms
Remote clock offset: 12.799 ms

# Below is generated by plot.py at 2018-05-24 12:11:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.94 Mbit/s
95th percentile per-packet one-way delay: 1080.466 ms
Loss rate: 19.45%
-- Flow 1:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 1066.989 ms
Loss rate: 8.12%
-- Flow 2:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 1088.687 ms
Loss rate: 22.53%
-- Flow 3:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 1149.533 ms
Loss rate: 71.74%
```

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

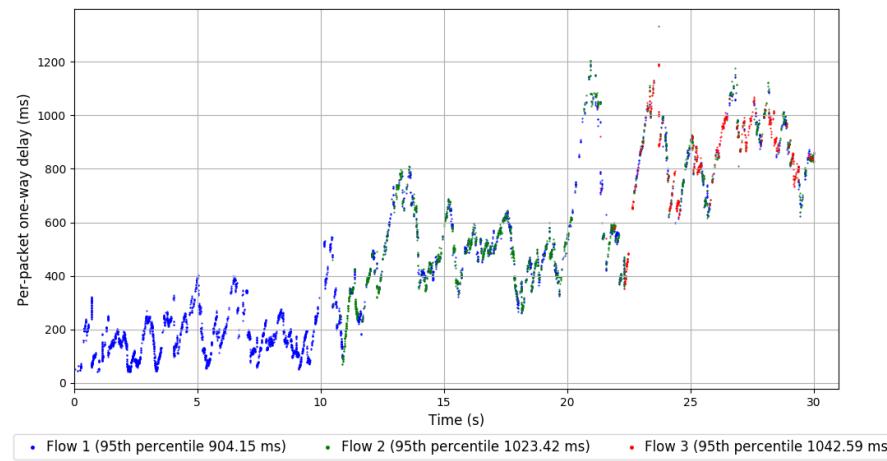
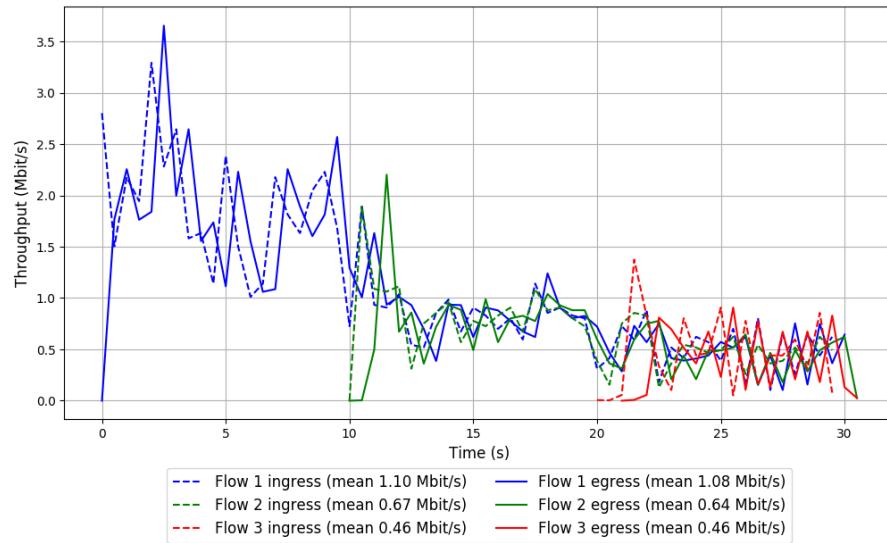


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-05-24 09:49:00
End at: 2018-05-24 09:49:30
Local clock offset: -2.581 ms
Remote clock offset: 7.971 ms

# Below is generated by plot.py at 2018-05-24 12:11:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.63 Mbit/s
95th percentile per-packet one-way delay: 983.700 ms
Loss rate: 3.98%
-- Flow 1:
Average throughput: 1.08 Mbit/s
95th percentile per-packet one-way delay: 904.150 ms
Loss rate: 2.13%
-- Flow 2:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 1023.420 ms
Loss rate: 6.01%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 1042.586 ms
Loss rate: 11.54%
```

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

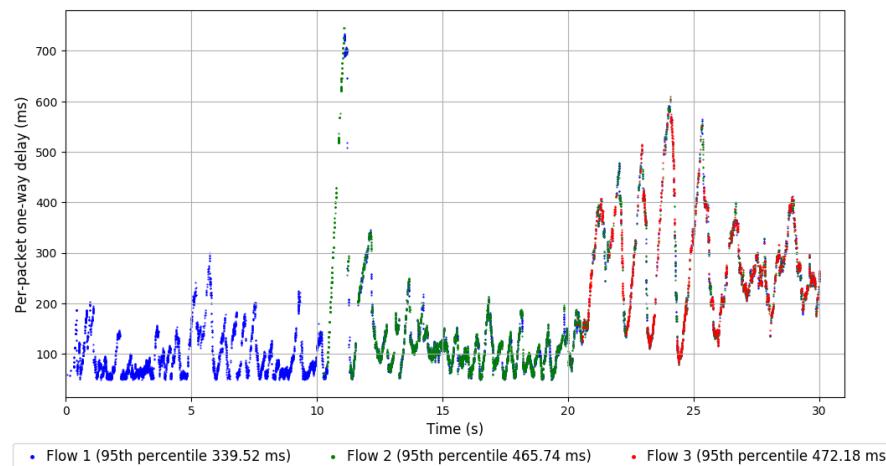
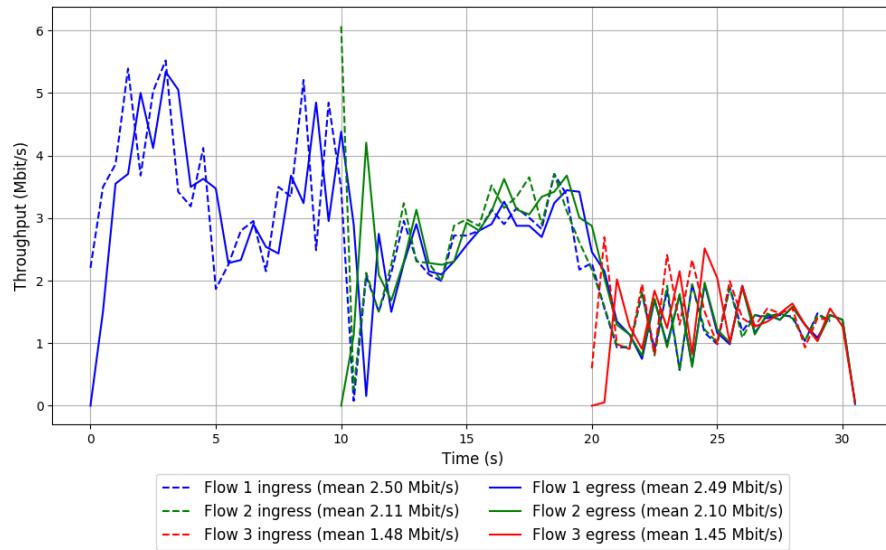


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-05-24 10:06:42
End at: 2018-05-24 10:07:12
Local clock offset: -7.076 ms
Remote clock offset: -4.269 ms

# Below is generated by plot.py at 2018-05-24 12:12:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 4.37 Mbit/s
95th percentile per-packet one-way delay: 403.162 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 2.49 Mbit/s
95th percentile per-packet one-way delay: 339.525 ms
Loss rate: 0.47%
-- Flow 2:
Average throughput: 2.10 Mbit/s
95th percentile per-packet one-way delay: 465.741 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 1.45 Mbit/s
95th percentile per-packet one-way delay: 472.179 ms
Loss rate: 2.39%
```

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

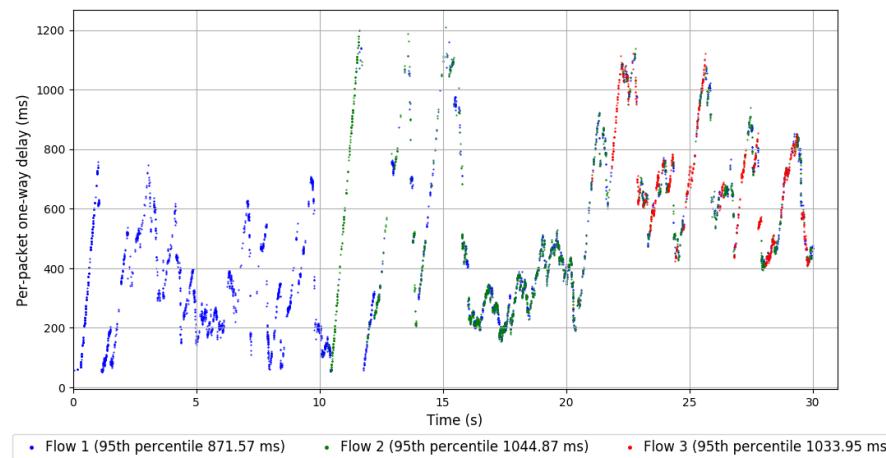
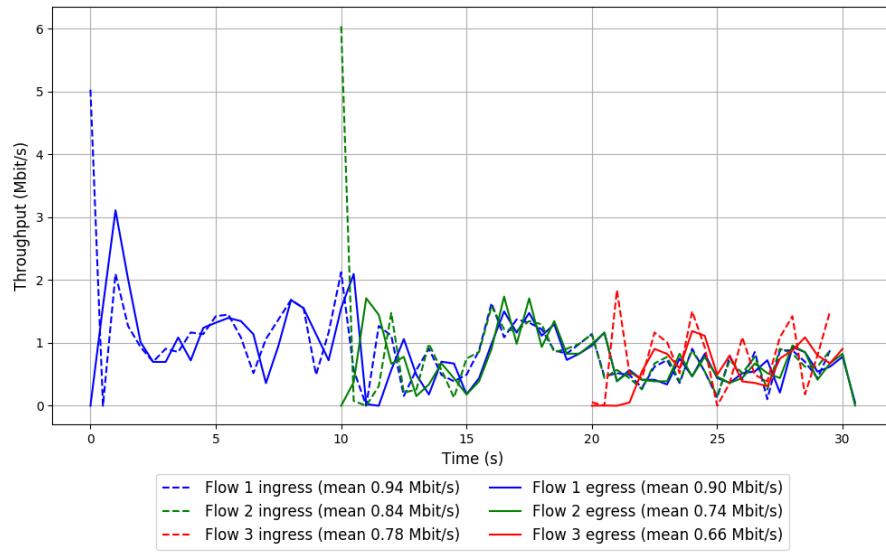


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-05-24 10:24:22
End at: 2018-05-24 10:24:52
Local clock offset: 0.013 ms
Remote clock offset: -1.778 ms

# Below is generated by plot.py at 2018-05-24 12:12:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.60 Mbit/s
95th percentile per-packet one-way delay: 990.592 ms
Loss rate: 8.85%
-- Flow 1:
Average throughput: 0.90 Mbit/s
95th percentile per-packet one-way delay: 871.573 ms
Loss rate: 4.63%
-- Flow 2:
Average throughput: 0.74 Mbit/s
95th percentile per-packet one-way delay: 1044.868 ms
Loss rate: 12.15%
-- Flow 3:
Average throughput: 0.66 Mbit/s
95th percentile per-packet one-way delay: 1033.953 ms
Loss rate: 17.16%
```

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

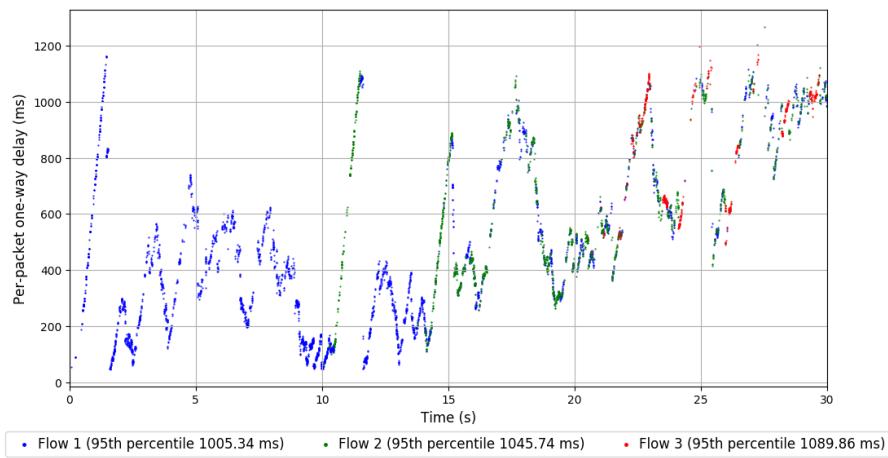
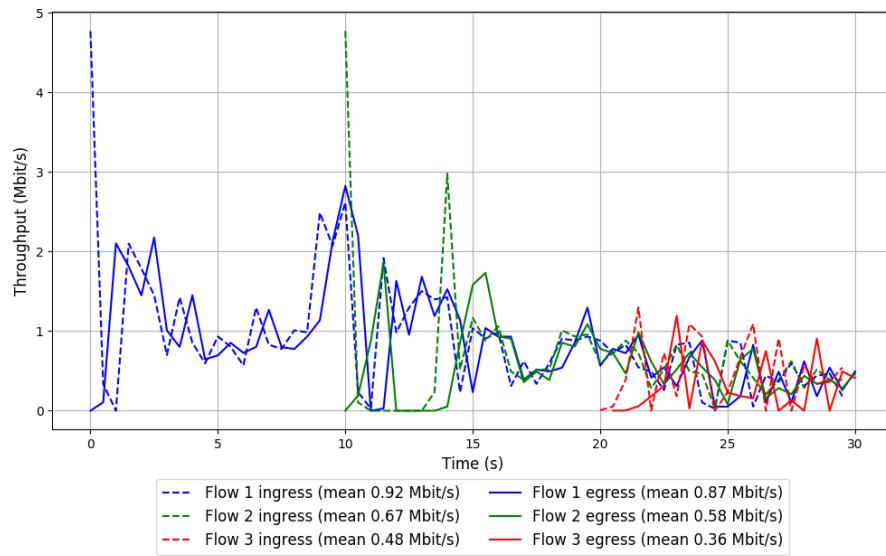


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-05-24 10:42:00
End at: 2018-05-24 10:42:30
Local clock offset: -1.026 ms
Remote clock offset: -7.091 ms

# Below is generated by plot.py at 2018-05-24 12:12:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.36 Mbit/s
95th percentile per-packet one-way delay: 1037.148 ms
Loss rate: 10.70%
-- Flow 1:
Average throughput: 0.87 Mbit/s
95th percentile per-packet one-way delay: 1005.338 ms
Loss rate: 5.87%
-- Flow 2:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 1045.739 ms
Loss rate: 13.72%
-- Flow 3:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 1089.855 ms
Loss rate: 30.42%
```

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

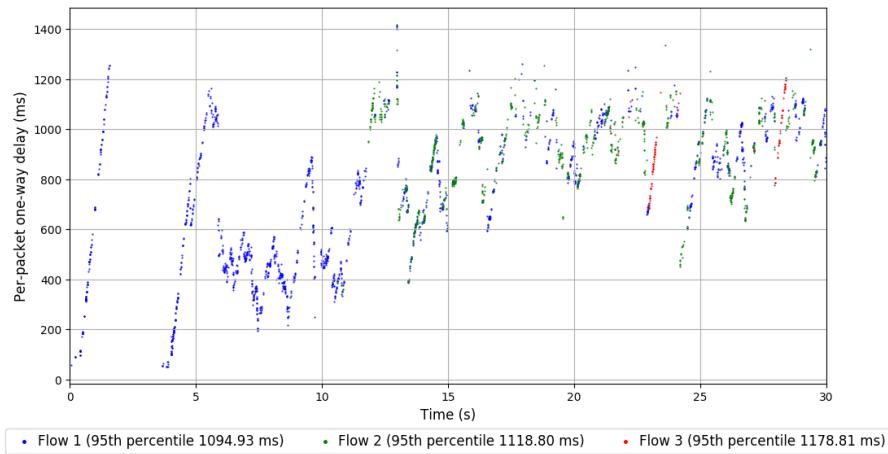
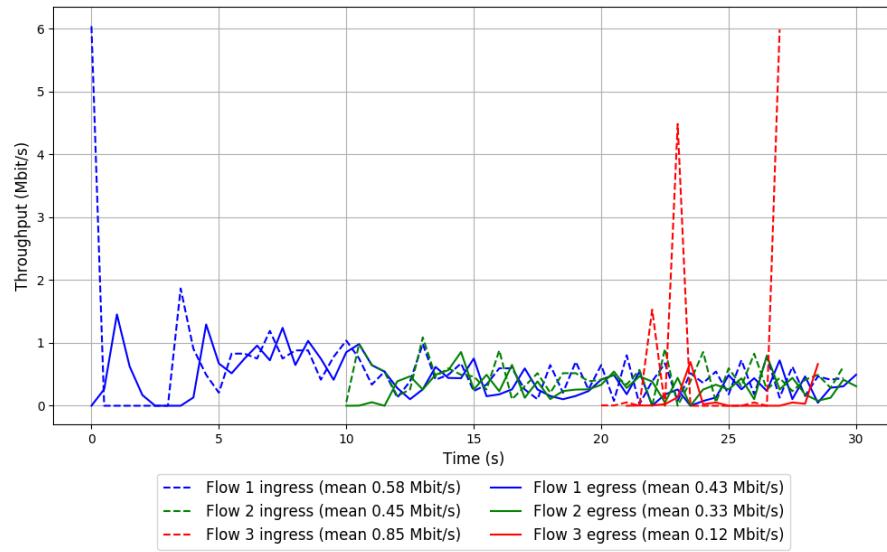


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-05-24 10:59:33
End at: 2018-05-24 11:00:03
Local clock offset: 0.353 ms
Remote clock offset: 3.511 ms

# Below is generated by plot.py at 2018-05-24 12:12:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 1112.917 ms
Loss rate: 38.16%
-- Flow 1:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 1094.933 ms
Loss rate: 25.76%
-- Flow 2:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 1118.795 ms
Loss rate: 29.80%
-- Flow 3:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 1178.809 ms
Loss rate: 86.08%
```

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

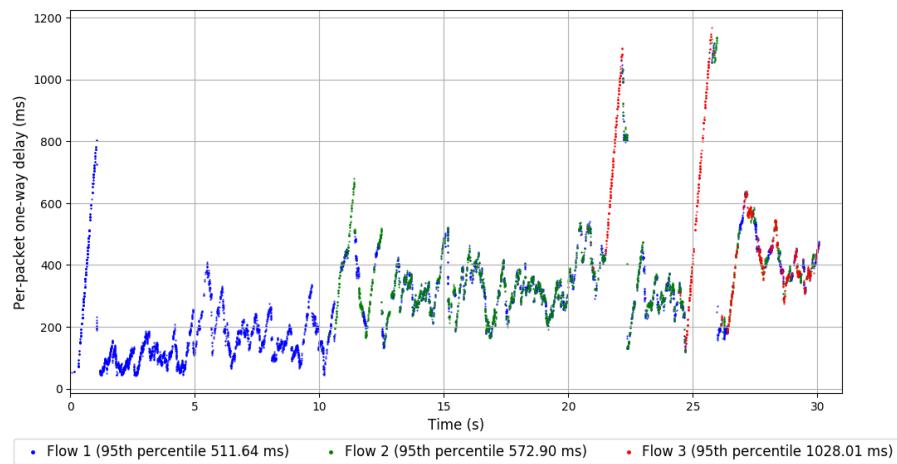
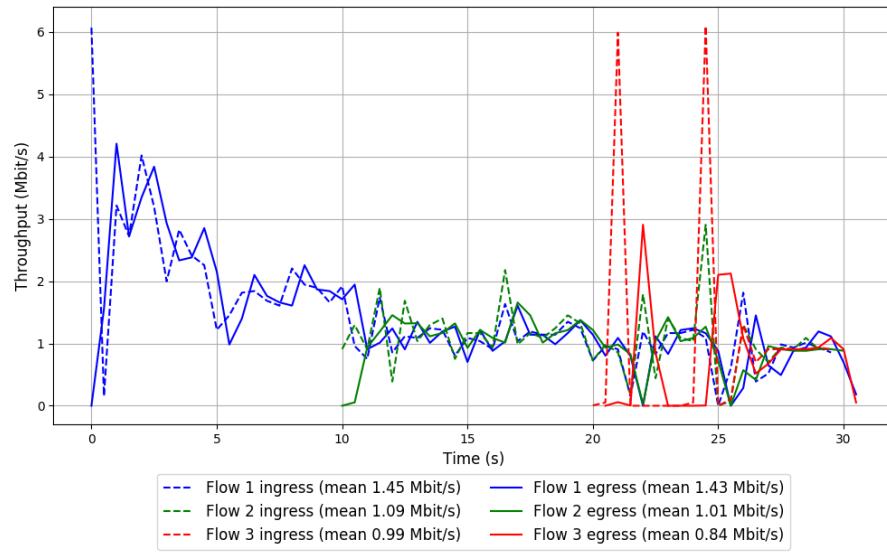


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-05-24 11:17:11
End at: 2018-05-24 11:17:41
Local clock offset: 2.899 ms
Remote clock offset: 5.595 ms

# Below is generated by plot.py at 2018-05-24 12:12:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 700.718 ms
Loss rate: 5.74%
-- Flow 1:
Average throughput: 1.43 Mbit/s
95th percentile per-packet one-way delay: 511.645 ms
Loss rate: 1.56%
-- Flow 2:
Average throughput: 1.01 Mbit/s
95th percentile per-packet one-way delay: 572.904 ms
Loss rate: 8.10%
-- Flow 3:
Average throughput: 0.84 Mbit/s
95th percentile per-packet one-way delay: 1028.013 ms
Loss rate: 18.93%
```

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

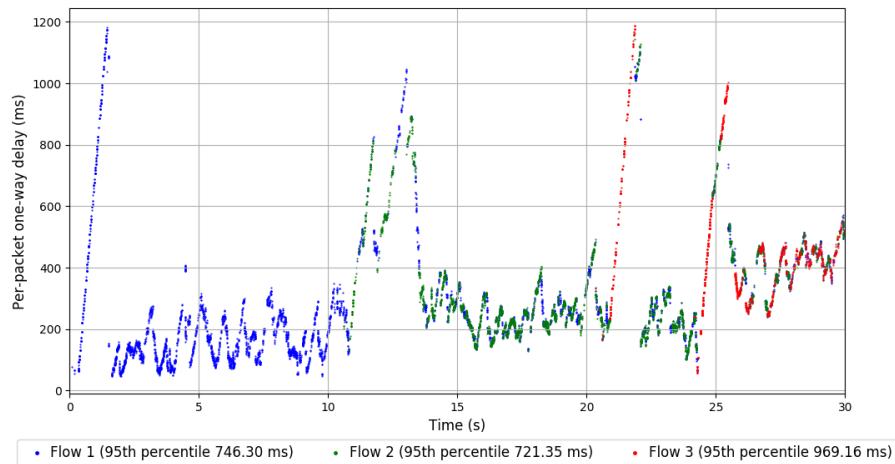
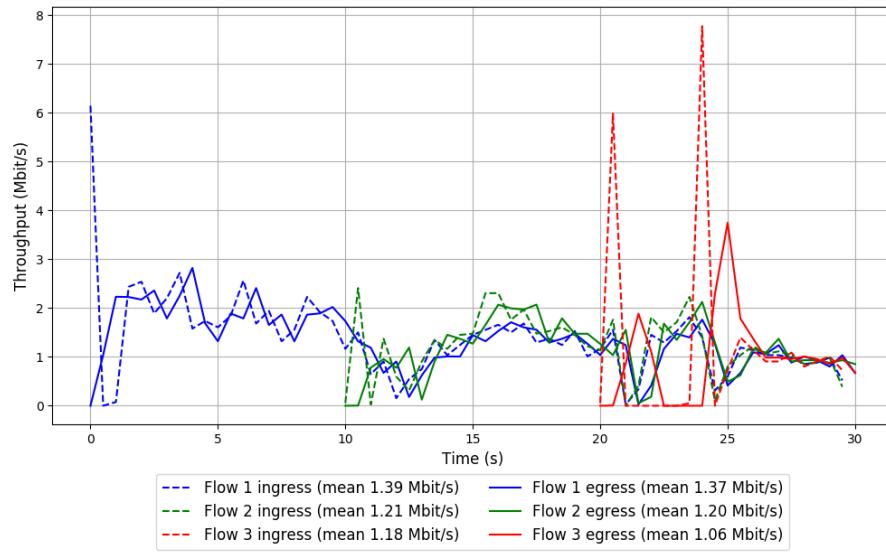


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-05-24 11:34:53
End at: 2018-05-24 11:35:23
Local clock offset: -0.557 ms
Remote clock offset: 4.342 ms

# Below is generated by plot.py at 2018-05-24 12:12:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.50 Mbit/s
95th percentile per-packet one-way delay: 809.138 ms
Loss rate: 3.75%
-- Flow 1:
Average throughput: 1.37 Mbit/s
95th percentile per-packet one-way delay: 746.304 ms
Loss rate: 1.96%
-- Flow 2:
Average throughput: 1.20 Mbit/s
95th percentile per-packet one-way delay: 721.350 ms
Loss rate: 2.41%
-- Flow 3:
Average throughput: 1.06 Mbit/s
95th percentile per-packet one-way delay: 969.161 ms
Loss rate: 12.86%
```

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

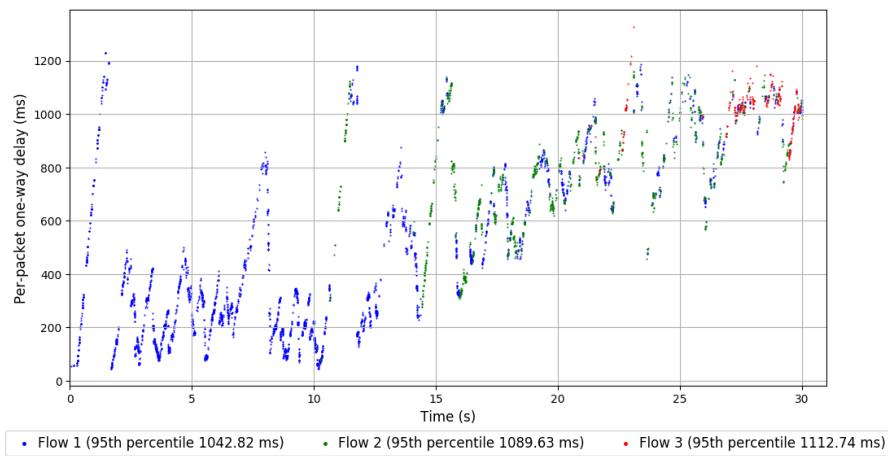
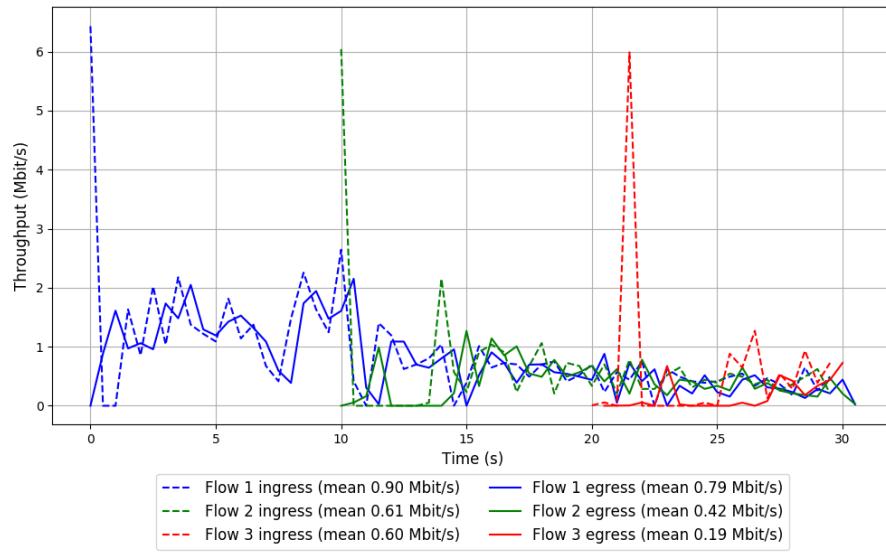


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-05-24 11:52:43
End at: 2018-05-24 11:53:13
Local clock offset: 1.506 ms
Remote clock offset: 2.949 ms

# Below is generated by plot.py at 2018-05-24 12:12:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 1067.499 ms
Loss rate: 25.16%
-- Flow 1:
Average throughput: 0.79 Mbit/s
95th percentile per-packet one-way delay: 1042.821 ms
Loss rate: 12.55%
-- Flow 2:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 1089.631 ms
Loss rate: 30.91%
-- Flow 3:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 1112.740 ms
Loss rate: 70.51%
```

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

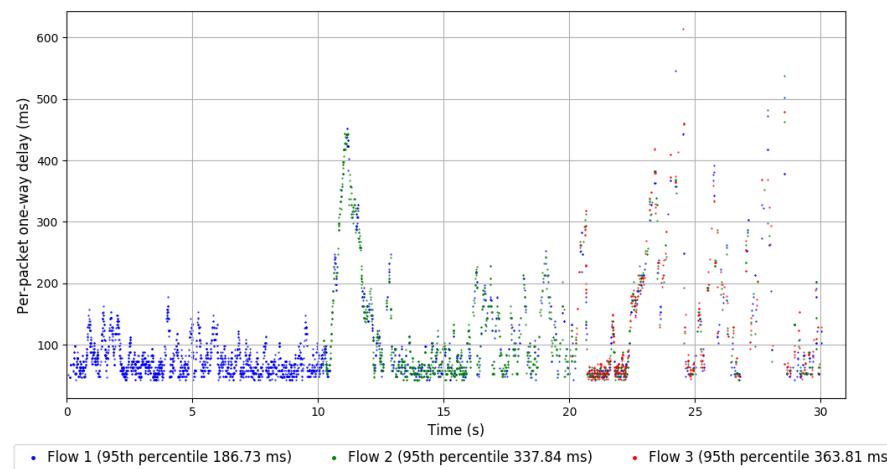
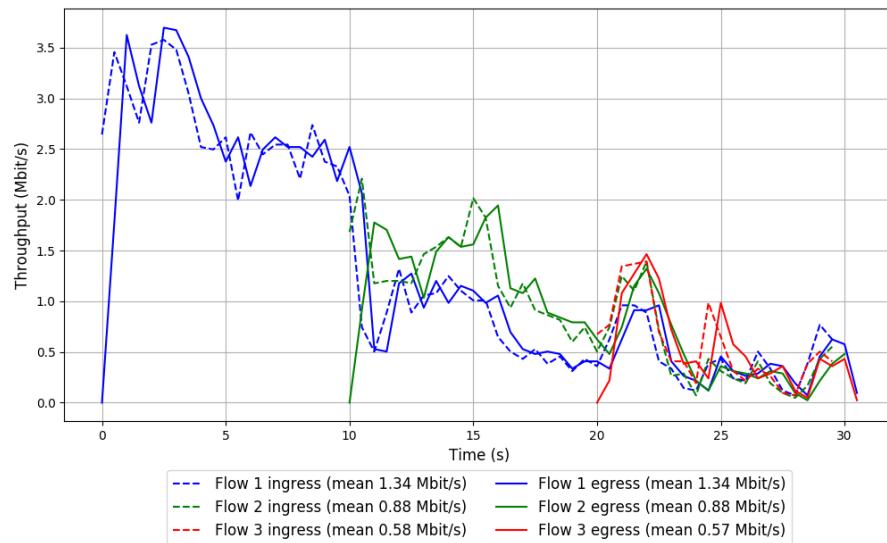


Run 1: Statistics of TCP Vegas

```
Start at: 2018-05-24 09:28:07
End at: 2018-05-24 09:28:37
Local clock offset: -0.74 ms
Remote clock offset: 10.713 ms

# Below is generated by plot.py at 2018-05-24 12:12:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.12 Mbit/s
95th percentile per-packet one-way delay: 282.983 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 1.34 Mbit/s
95th percentile per-packet one-way delay: 186.734 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 0.88 Mbit/s
95th percentile per-packet one-way delay: 337.841 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 363.811 ms
Loss rate: 1.25%
```

Run 1: Report of TCP Vegas — Data Link

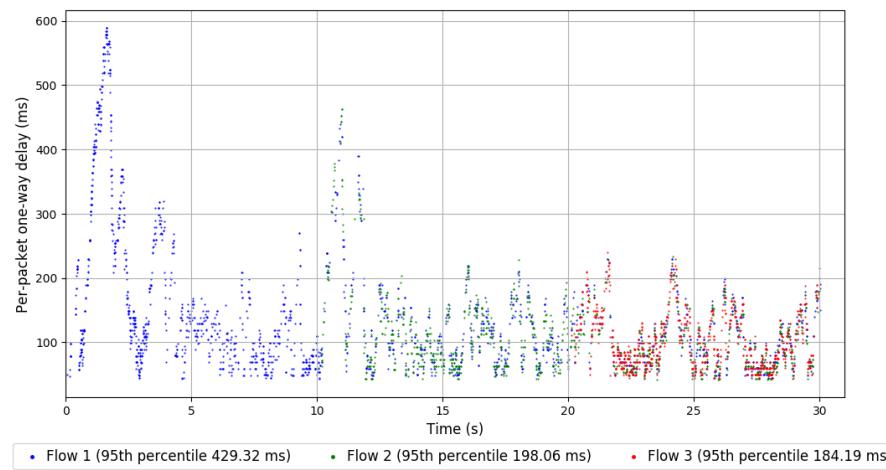
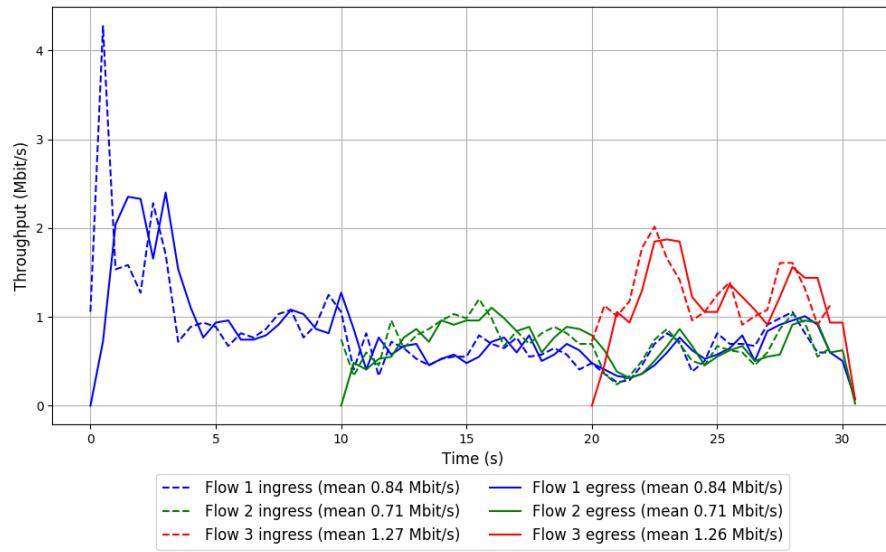


Run 2: Statistics of TCP Vegas

```
Start at: 2018-05-24 09:45:41
End at: 2018-05-24 09:46:11
Local clock offset: -0.67 ms
Remote clock offset: 12.001 ms

# Below is generated by plot.py at 2018-05-24 12:12:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.72 Mbit/s
95th percentile per-packet one-way delay: 322.545 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 0.84 Mbit/s
95th percentile per-packet one-way delay: 429.322 ms
Loss rate: 0.52%
-- Flow 2:
Average throughput: 0.71 Mbit/s
95th percentile per-packet one-way delay: 198.057 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 184.190 ms
Loss rate: 1.15%
```

Run 2: Report of TCP Vegas — Data Link

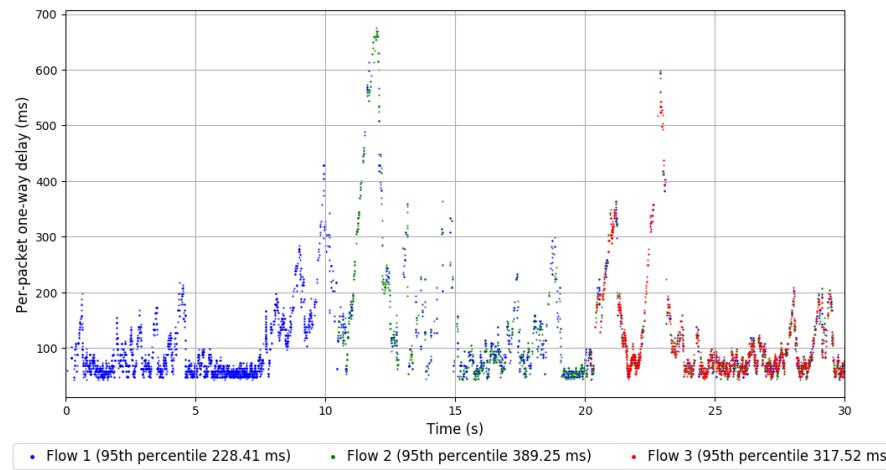
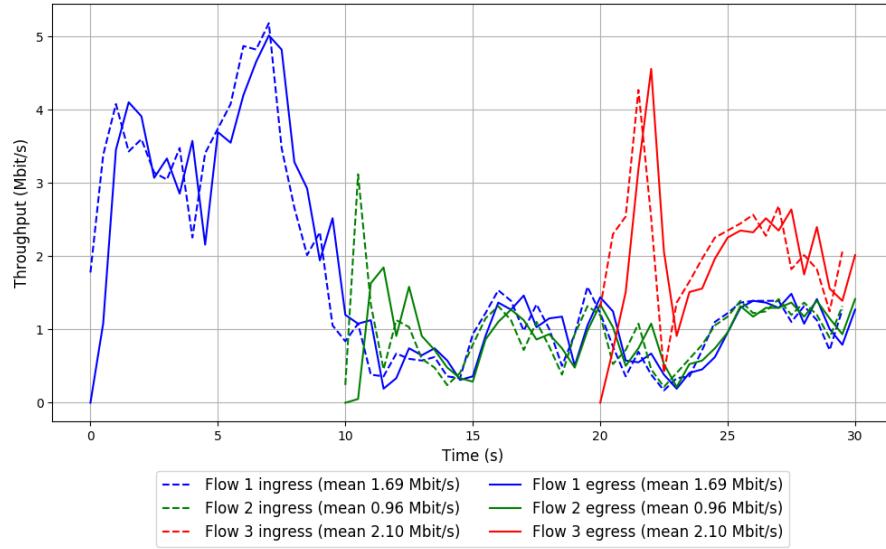


Run 3: Statistics of TCP Vegas

```
Start at: 2018-05-24 10:03:19
End at: 2018-05-24 10:03:49
Local clock offset: 0.121 ms
Remote clock offset: 1.452 ms

# Below is generated by plot.py at 2018-05-24 12:12:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.02 Mbit/s
95th percentile per-packet one-way delay: 298.064 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 1.69 Mbit/s
95th percentile per-packet one-way delay: 228.407 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 0.96 Mbit/s
95th percentile per-packet one-way delay: 389.248 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 2.10 Mbit/s
95th percentile per-packet one-way delay: 317.524 ms
Loss rate: 0.80%
```

Run 3: Report of TCP Vegas — Data Link

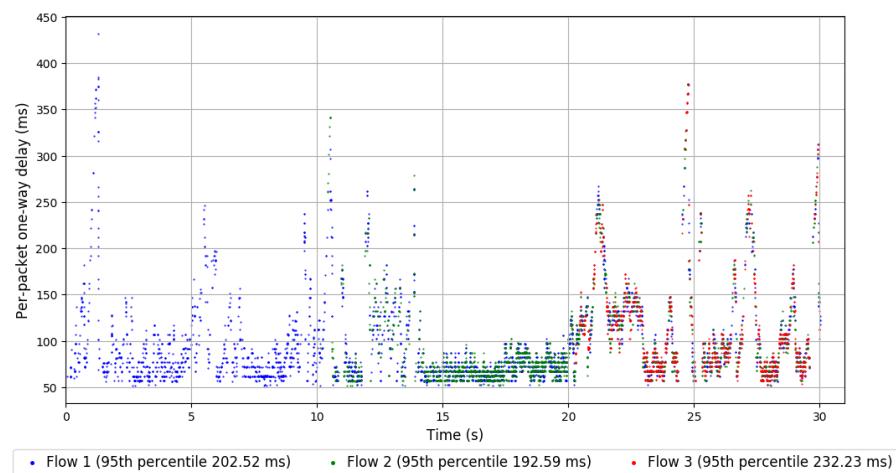
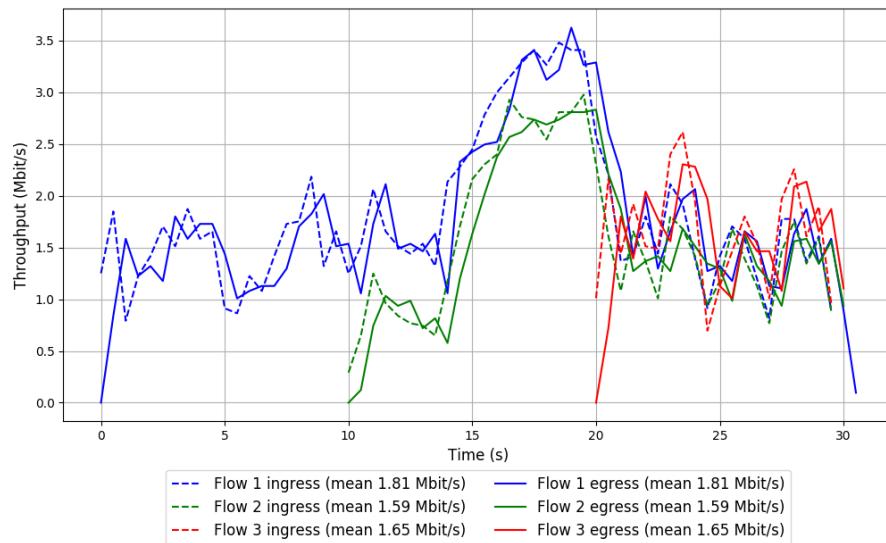


Run 4: Statistics of TCP Vegas

```
Start at: 2018-05-24 10:21:06
End at: 2018-05-24 10:21:36
Local clock offset: -2.188 ms
Remote clock offset: -0.412 ms

# Below is generated by plot.py at 2018-05-24 12:12:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 3.41 Mbit/s
95th percentile per-packet one-way delay: 208.353 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 1.81 Mbit/s
95th percentile per-packet one-way delay: 202.517 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 1.59 Mbit/s
95th percentile per-packet one-way delay: 192.593 ms
Loss rate: 0.42%
-- Flow 3:
Average throughput: 1.65 Mbit/s
95th percentile per-packet one-way delay: 232.234 ms
Loss rate: 0.95%
```

Run 4: Report of TCP Vegas — Data Link

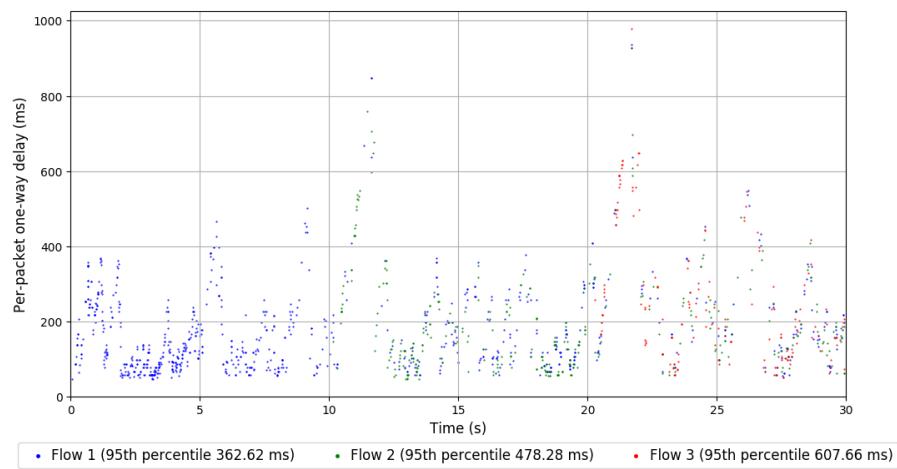
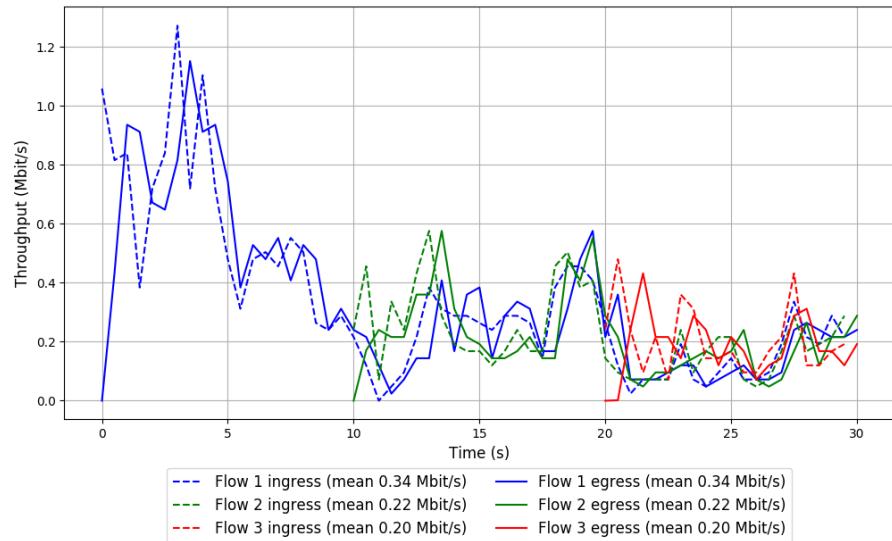


Run 5: Statistics of TCP Vegas

```
Start at: 2018-05-24 10:38:42
End at: 2018-05-24 10:39:12
Local clock offset: 0.56 ms
Remote clock offset: -5.475 ms

# Below is generated by plot.py at 2018-05-24 12:12:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: 452.743 ms
Loss rate: 2.30%
-- Flow 1:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 362.625 ms
Loss rate: 1.52%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 478.282 ms
Loss rate: 2.74%
-- Flow 3:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 607.664 ms
Loss rate: 5.29%
```

Run 5: Report of TCP Vegas — Data Link

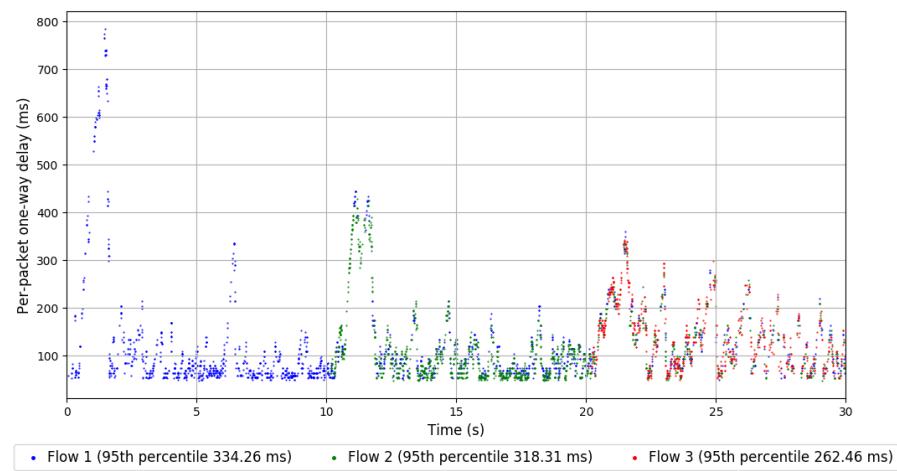
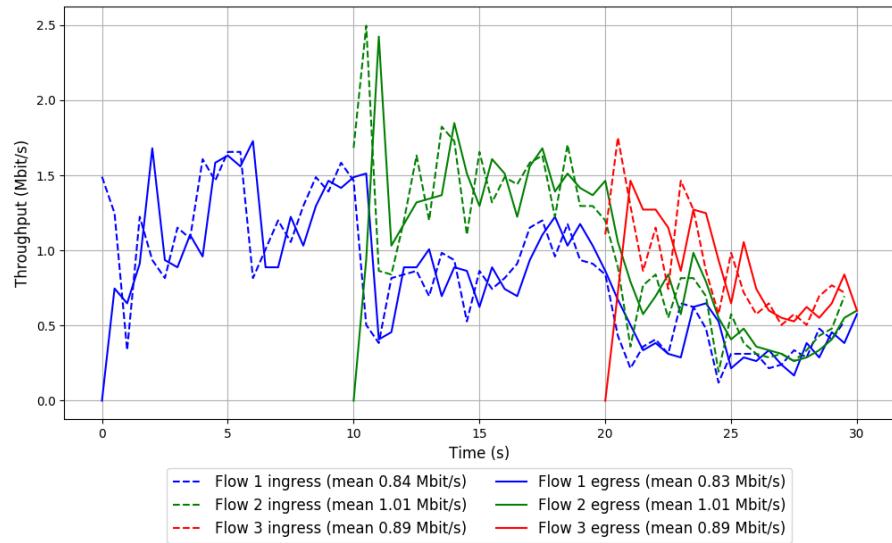


Run 6: Statistics of TCP Vegas

```
Start at: 2018-05-24 10:56:17
End at: 2018-05-24 10:56:47
Local clock offset: 0.739 ms
Remote clock offset: -0.824 ms

# Below is generated by plot.py at 2018-05-24 12:12:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.80 Mbit/s
95th percentile per-packet one-way delay: 313.528 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 0.83 Mbit/s
95th percentile per-packet one-way delay: 334.259 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 1.01 Mbit/s
95th percentile per-packet one-way delay: 318.312 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 0.89 Mbit/s
95th percentile per-packet one-way delay: 262.458 ms
Loss rate: 1.08%
```

Run 6: Report of TCP Vegas — Data Link

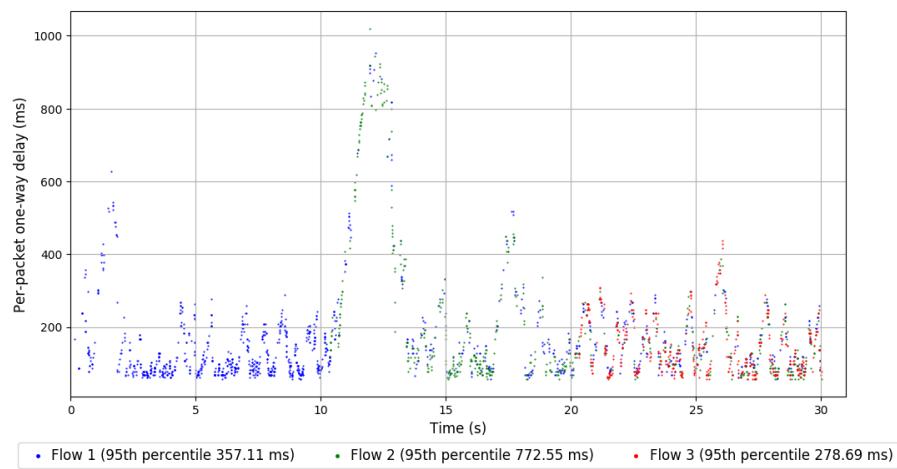
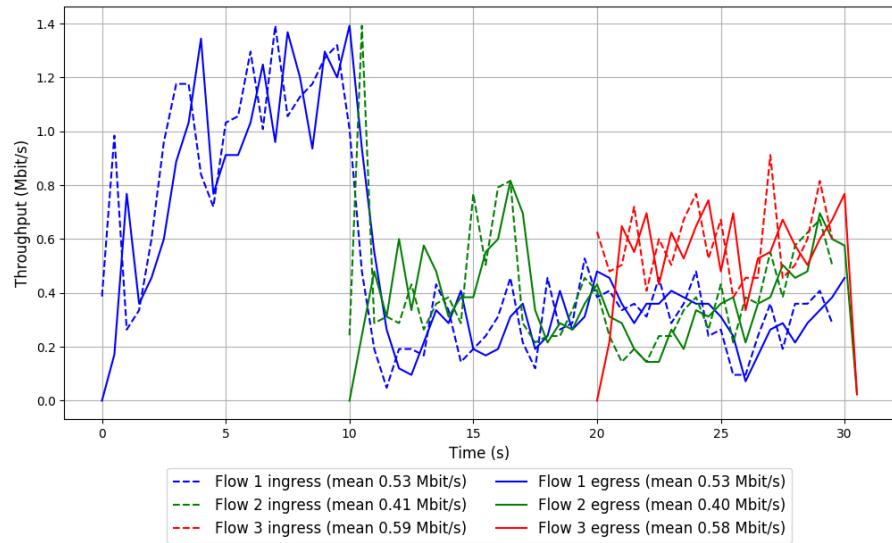


Run 7: Statistics of TCP Vegas

```
Start at: 2018-05-24 11:13:52
End at: 2018-05-24 11:14:22
Local clock offset: -7.812 ms
Remote clock offset: 7.189 ms

# Below is generated by plot.py at 2018-05-24 12:12:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.99 Mbit/s
95th percentile per-packet one-way delay: 428.236 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 357.105 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 772.552 ms
Loss rate: 1.93%
-- Flow 3:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 278.689 ms
Loss rate: 1.44%
```

Run 7: Report of TCP Vegas — Data Link

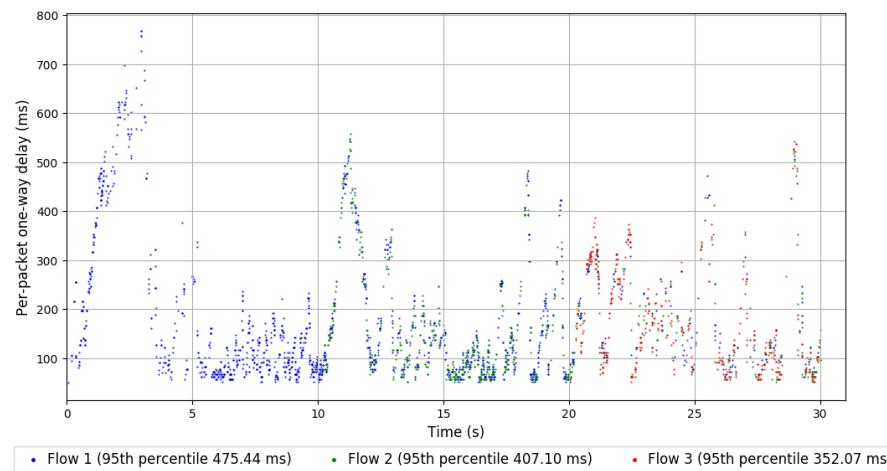
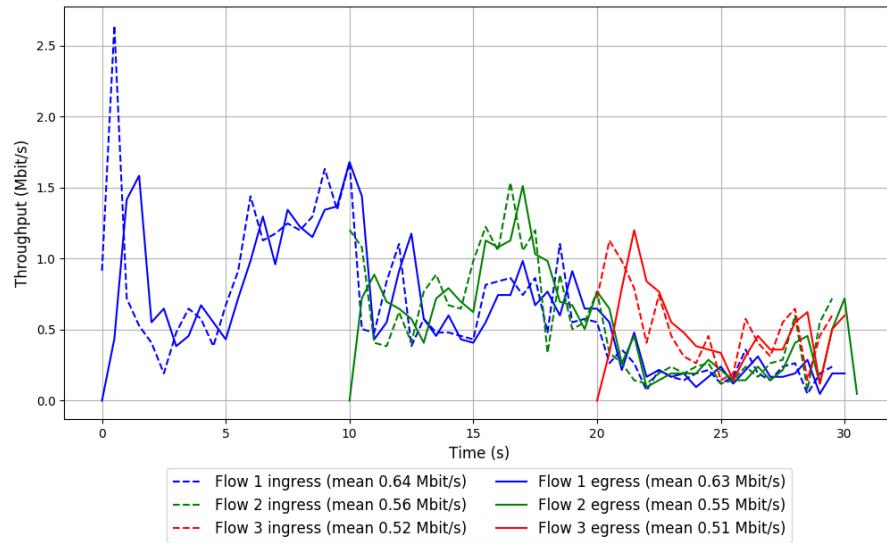


Run 8: Statistics of TCP Vegas

```
Start at: 2018-05-24 11:31:36
End at: 2018-05-24 11:32:06
Local clock offset: -0.88 ms
Remote clock offset: 7.113 ms

# Below is generated by plot.py at 2018-05-24 12:12:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 452.161 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 475.437 ms
Loss rate: 0.94%
-- Flow 2:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: 407.097 ms
Loss rate: 1.07%
-- Flow 3:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 352.068 ms
Loss rate: 2.10%
```

Run 8: Report of TCP Vegas — Data Link

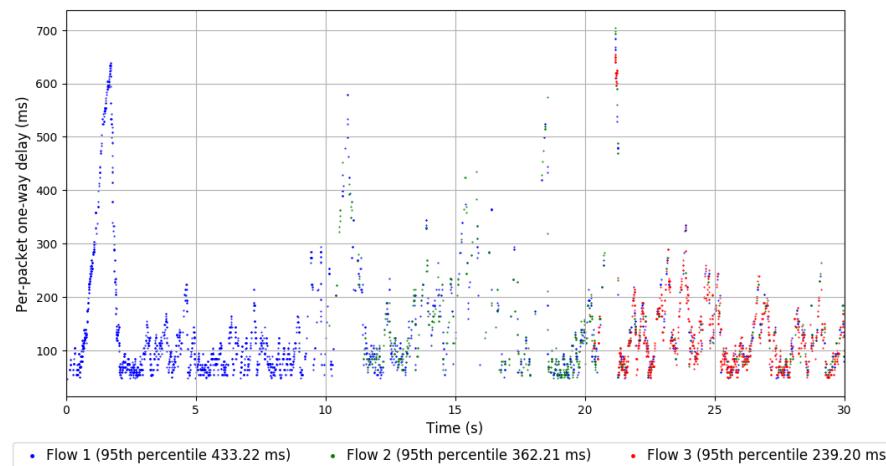
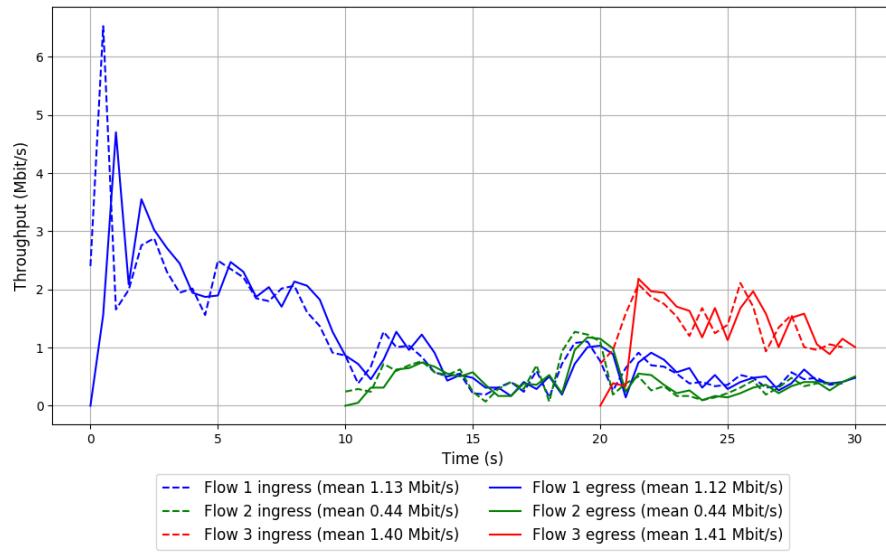


Run 9: Statistics of TCP Vegas

```
Start at: 2018-05-24 11:49:27
End at: 2018-05-24 11:49:57
Local clock offset: 3.579 ms
Remote clock offset: 5.22 ms

# Below is generated by plot.py at 2018-05-24 12:12:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.87 Mbit/s
95th percentile per-packet one-way delay: 373.498 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 433.223 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 362.214 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 1.41 Mbit/s
95th percentile per-packet one-way delay: 239.202 ms
Loss rate: 0.52%
```

Run 9: Report of TCP Vegas — Data Link

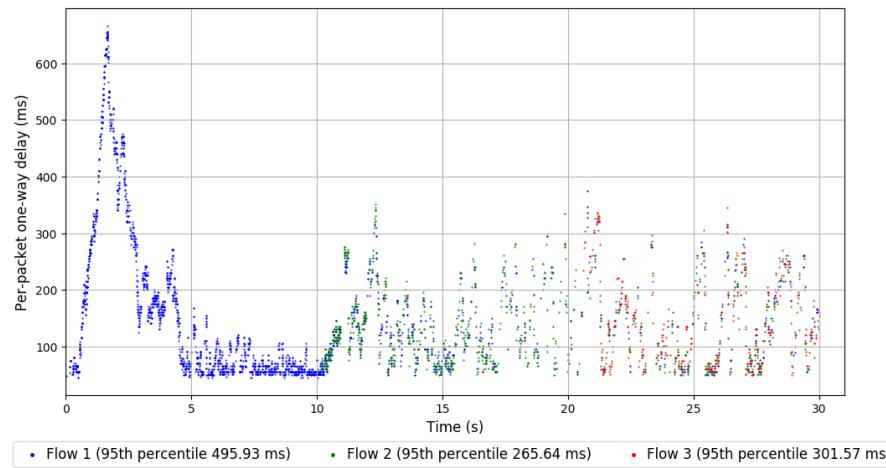
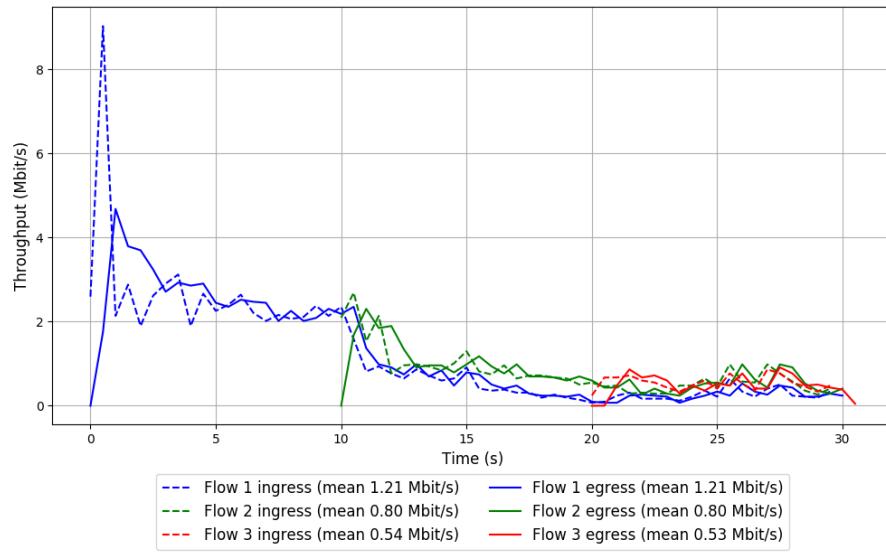


Run 10: Statistics of TCP Vegas

```
Start at: 2018-05-24 12:07:10
End at: 2018-05-24 12:07:40
Local clock offset: 0.461 ms
Remote clock offset: 4.132 ms

# Below is generated by plot.py at 2018-05-24 12:12:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.92 Mbit/s
95th percentile per-packet one-way delay: 441.098 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 1.21 Mbit/s
95th percentile per-packet one-way delay: 495.926 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 0.80 Mbit/s
95th percentile per-packet one-way delay: 265.638 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 301.567 ms
Loss rate: 2.22%
```

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2018-05-24 09:25:55
End at: 2018-05-24 09:26:25
Local clock offset: -2.215 ms
Remote clock offset: 9.442 ms

Run 1: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 2: Statistics of Verus

Start at: 2018-05-24 09:43:27
End at: 2018-05-24 09:43:57
Local clock offset: -1.969 ms
Remote clock offset: 16.389 ms

Run 2: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 3: Statistics of Verus

Start at: 2018-05-24 10:01:07
End at: 2018-05-24 10:01:37
Local clock offset: -0.033 ms
Remote clock offset: 2.063 ms

Run 3: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 4: Statistics of Verus

Start at: 2018-05-24 10:18:55
End at: 2018-05-24 10:19:25
Local clock offset: -0.529 ms
Remote clock offset: 0.653 ms

Run 4: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 5: Statistics of Verus

Start at: 2018-05-24 10:36:26
End at: 2018-05-24 10:36:56
Local clock offset: 2.768 ms
Remote clock offset: -5.441 ms

Run 5: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 6: Statistics of Verus

Start at: 2018-05-24 10:54:06
End at: 2018-05-24 10:54:36
Local clock offset: 0.226 ms
Remote clock offset: -3.371 ms

Run 6: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 7: Statistics of Verus

Start at: 2018-05-24 11:11:36

End at: 2018-05-24 11:12:06

Local clock offset: 0.43 ms

Remote clock offset: 5.578 ms

Run 7: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 8: Statistics of Verus

Start at: 2018-05-24 11:29:24

End at: 2018-05-24 11:29:54

Local clock offset: 1.44 ms

Remote clock offset: 9.121 ms

Run 8: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 9: Statistics of Verus

Start at: 2018-05-24 11:47:15

End at: 2018-05-24 11:47:45

Local clock offset: 0.816 ms

Remote clock offset: 2.999 ms

Run 9: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 10: Statistics of Verus

Start at: 2018-05-24 12:04:57
End at: 2018-05-24 12:05:27
Local clock offset: -0.153 ms
Remote clock offset: 5.657 ms

Run 10: Report of Verus — Data Link

Figure is missing

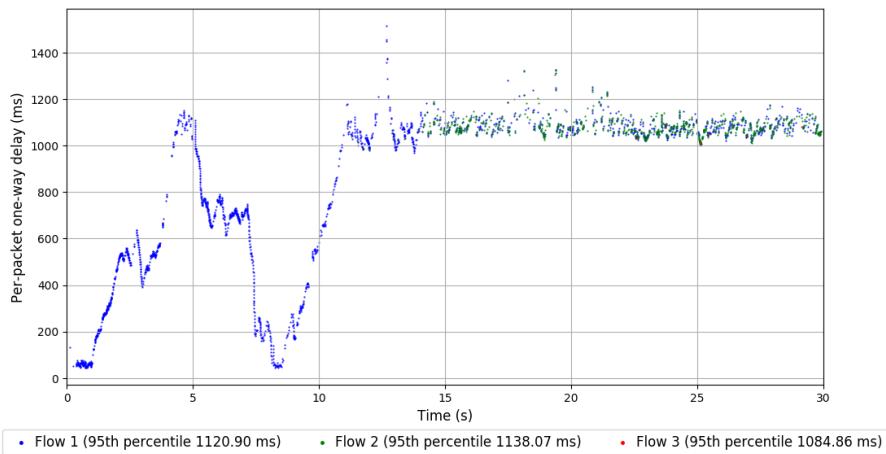
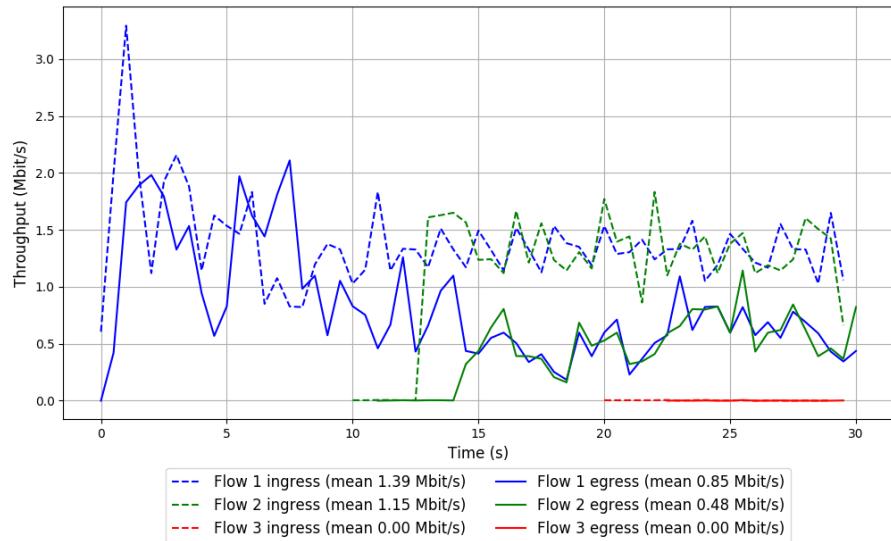
Figure is missing

Run 1: Statistics of PCC-Vivace

```
Start at: 2018-05-24 09:14:53
End at: 2018-05-24 09:15:23
Local clock offset: -2.182 ms
Remote clock offset: 1.165 ms

# Below is generated by plot.py at 2018-05-24 12:12:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.14 Mbit/s
95th percentile per-packet one-way delay: 1128.301 ms
Loss rate: 47.10%
-- Flow 1:
Average throughput: 0.85 Mbit/s
95th percentile per-packet one-way delay: 1120.900 ms
Loss rate: 39.20%
-- Flow 2:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 1138.074 ms
Loss rate: 61.36%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1084.855 ms
Loss rate: 71.28%
```

Run 1: Report of PCC-Vivace — Data Link

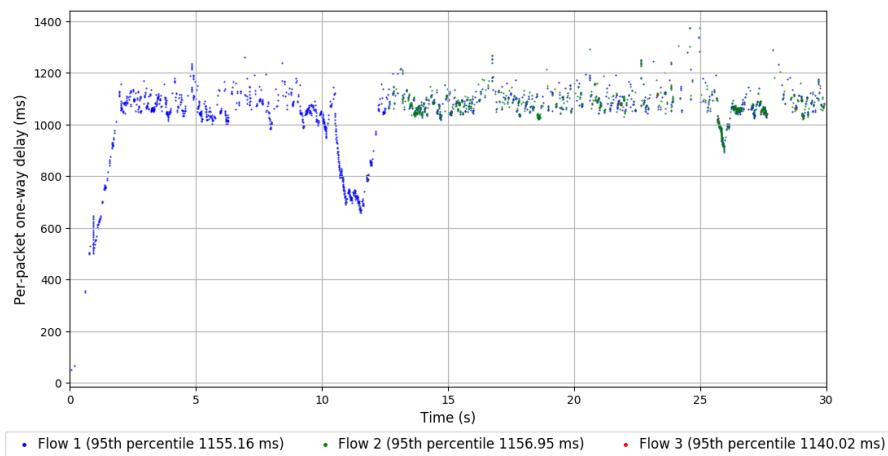
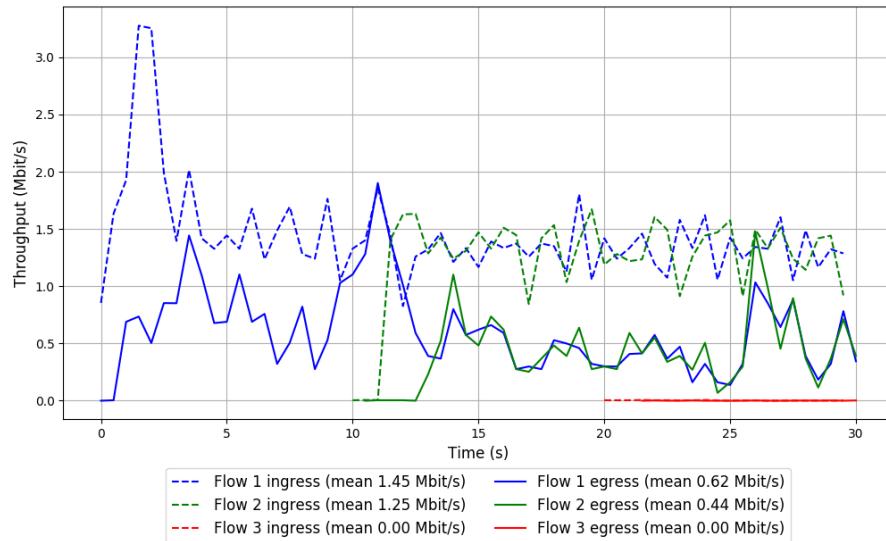


Run 2: Statistics of PCC-Vivace

```
Start at: 2018-05-24 09:32:30
End at: 2018-05-24 09:33:00
Local clock offset: -1.89 ms
Remote clock offset: 11.85 ms

# Below is generated by plot.py at 2018-05-24 12:12:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.90 Mbit/s
95th percentile per-packet one-way delay: 1155.720 ms
Loss rate: 60.53%
-- Flow 1:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 1155.160 ms
Loss rate: 57.37%
-- Flow 2:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 1156.951 ms
Loss rate: 66.02%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1140.024 ms
Loss rate: 76.04%
```

Run 2: Report of PCC-Vivace — Data Link

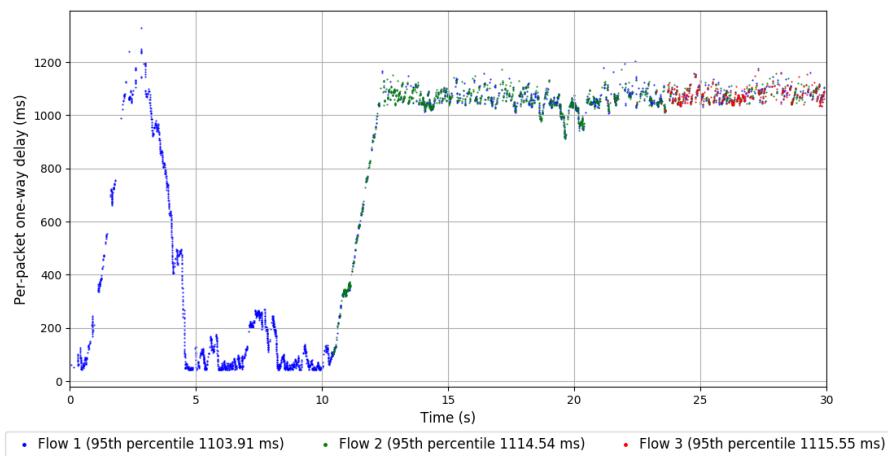
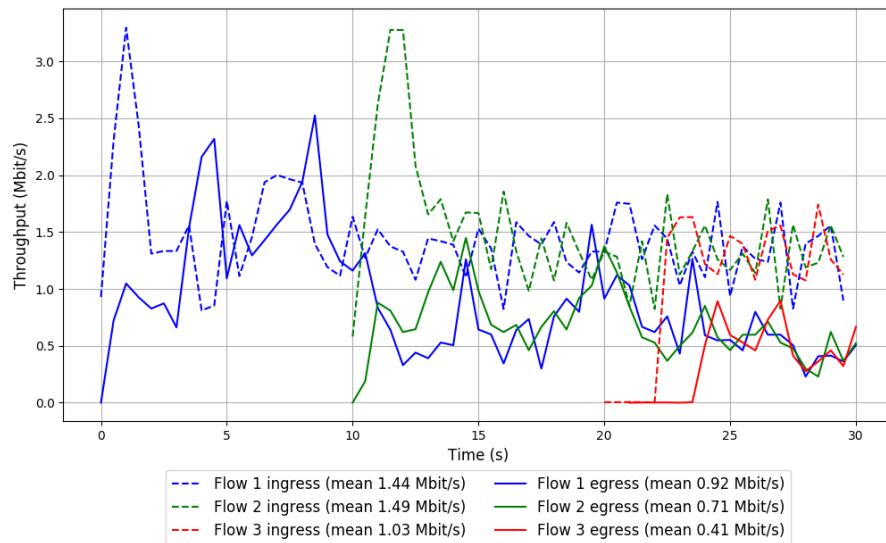


Run 3: Statistics of PCC-Vivace

```
Start at: 2018-05-24 09:50:06
End at: 2018-05-24 09:50:36
Local clock offset: -0.919 ms
Remote clock offset: 6.946 ms

# Below is generated by plot.py at 2018-05-24 12:12:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.51 Mbit/s
95th percentile per-packet one-way delay: 1110.052 ms
Loss rate: 45.64%
-- Flow 1:
Average throughput: 0.92 Mbit/s
95th percentile per-packet one-way delay: 1103.909 ms
Loss rate: 36.13%
-- Flow 2:
Average throughput: 0.71 Mbit/s
95th percentile per-packet one-way delay: 1114.538 ms
Loss rate: 52.73%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 1115.547 ms
Loss rate: 65.14%
```

Run 3: Report of PCC-Vivace — Data Link

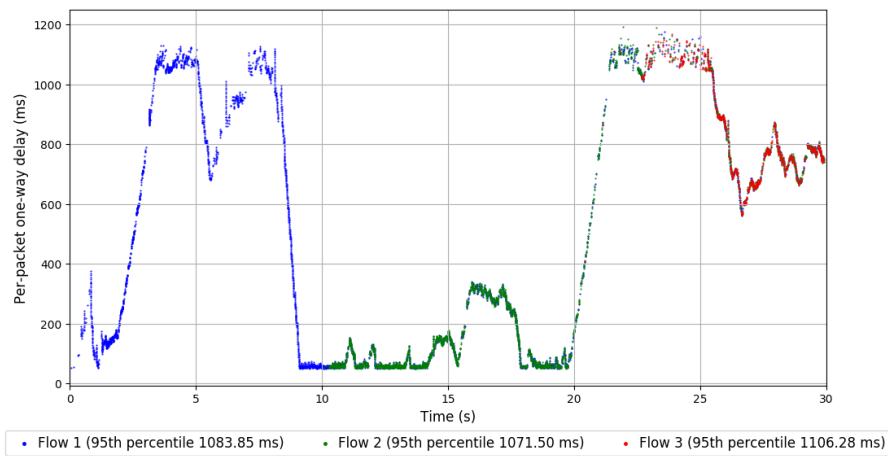
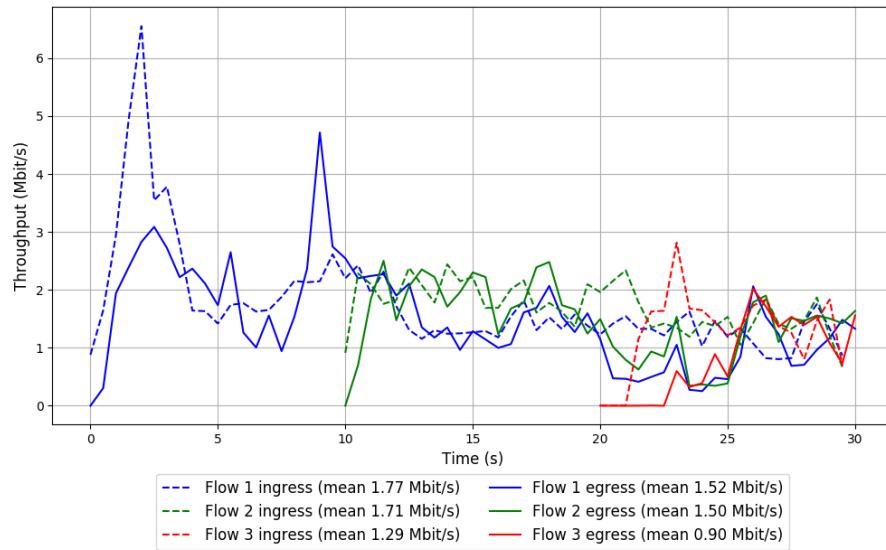


Run 4: Statistics of PCC-Vivace

```
Start at: 2018-05-24 10:07:49
End at: 2018-05-24 10:08:19
Local clock offset: -1.665 ms
Remote clock offset: 1.511 ms

# Below is generated by plot.py at 2018-05-24 12:12:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.80 Mbit/s
95th percentile per-packet one-way delay: 1084.343 ms
Loss rate: 16.11%
-- Flow 1:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 1083.851 ms
Loss rate: 13.90%
-- Flow 2:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 1071.504 ms
Loss rate: 12.95%
-- Flow 3:
Average throughput: 0.90 Mbit/s
95th percentile per-packet one-way delay: 1106.275 ms
Loss rate: 33.69%
```

Run 4: Report of PCC-Vivace — Data Link

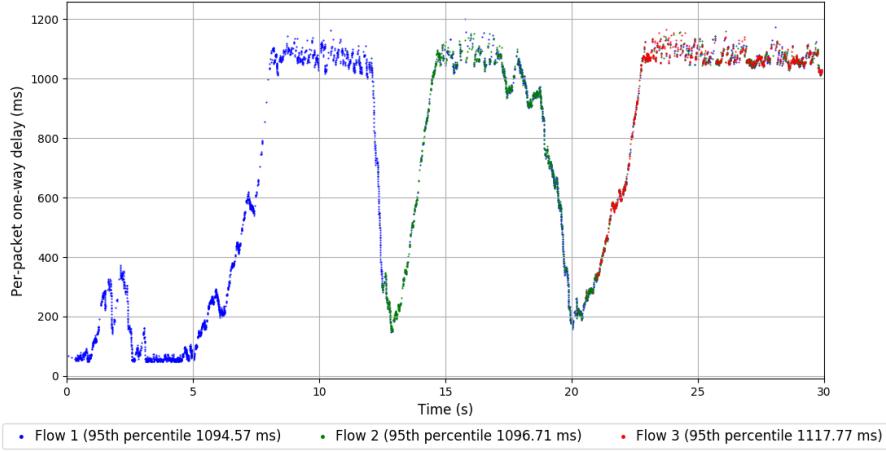
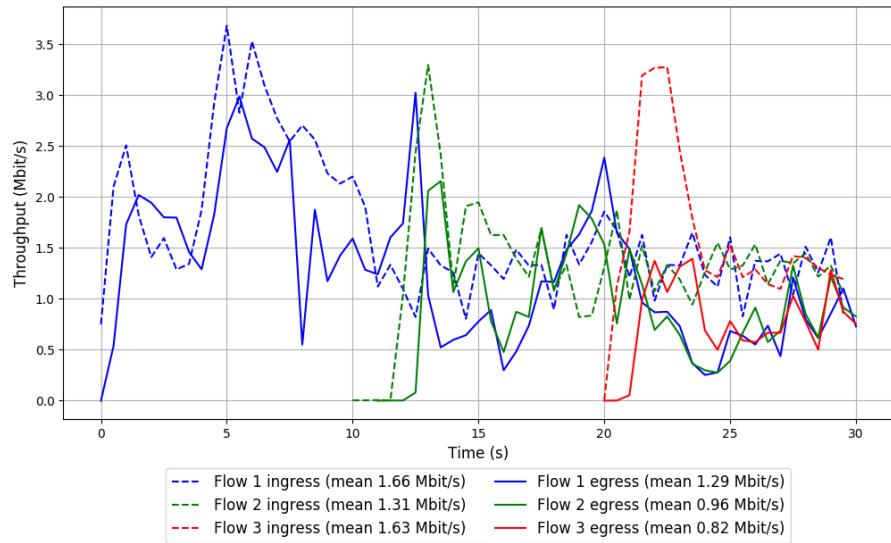


Run 5: Statistics of PCC-Vivace

```
Start at: 2018-05-24 10:25:28
End at: 2018-05-24 10:25:58
Local clock offset: 1.951 ms
Remote clock offset: -1.655 ms

# Below is generated by plot.py at 2018-05-24 12:12:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.16 Mbit/s
95th percentile per-packet one-way delay: 1100.008 ms
Loss rate: 29.72%
-- Flow 1:
Average throughput: 1.29 Mbit/s
95th percentile per-packet one-way delay: 1094.572 ms
Loss rate: 22.64%
-- Flow 2:
Average throughput: 0.96 Mbit/s
95th percentile per-packet one-way delay: 1096.713 ms
Loss rate: 30.42%
-- Flow 3:
Average throughput: 0.82 Mbit/s
95th percentile per-packet one-way delay: 1117.771 ms
Loss rate: 50.52%
```

Run 5: Report of PCC-Vivace — Data Link

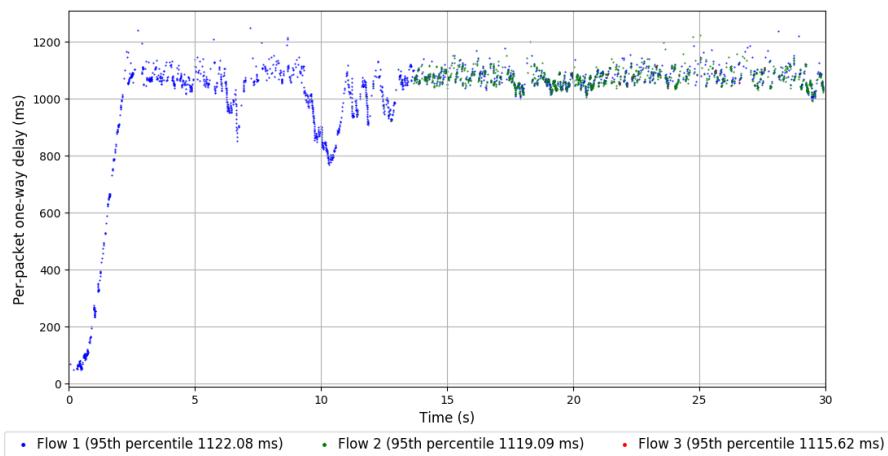
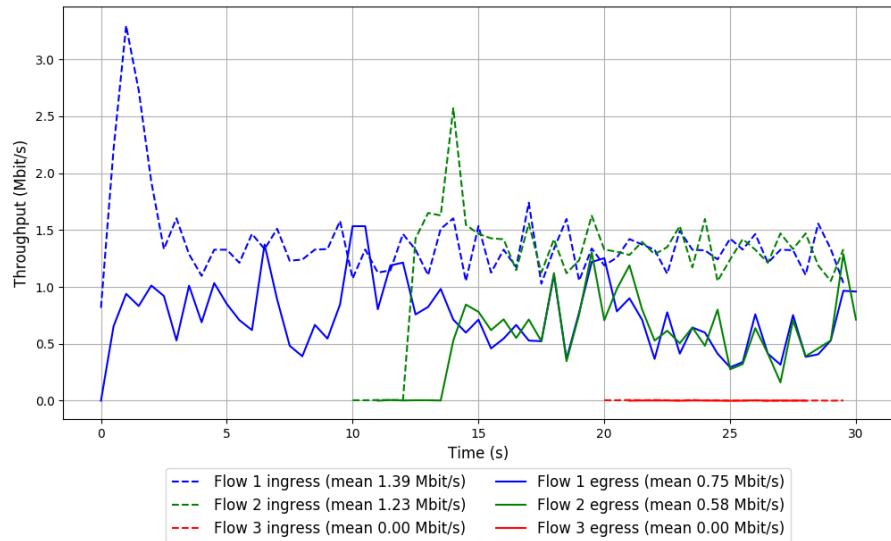


Run 6: Statistics of PCC-Vivace

```
Start at: 2018-05-24 10:43:06
End at: 2018-05-24 10:43:36
Local clock offset: 0.264 ms
Remote clock offset: -6.488 ms

# Below is generated by plot.py at 2018-05-24 12:12:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 1121.380 ms
Loss rate: 49.28%
-- Flow 1:
Average throughput: 0.75 Mbit/s
95th percentile per-packet one-way delay: 1122.081 ms
Loss rate: 45.97%
-- Flow 2:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 1119.092 ms
Loss rate: 54.91%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1115.624 ms
Loss rate: 65.83%
```

Run 6: Report of PCC-Vivace — Data Link



Run 7: Statistics of PCC-Vivace

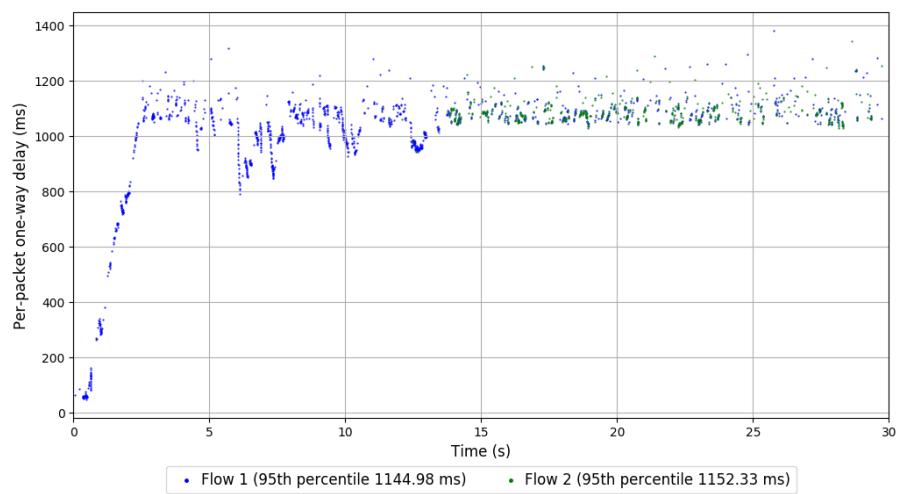
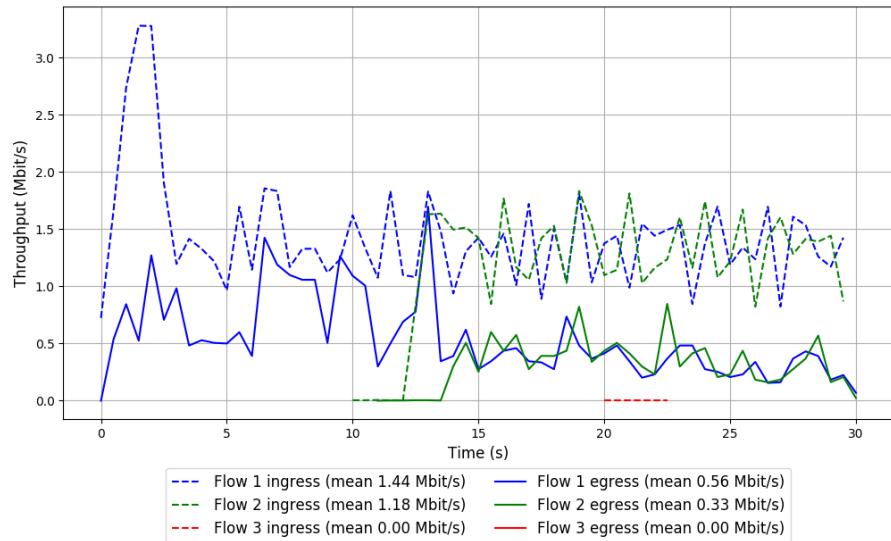
Start at: 2018-05-24 11:00:39

End at: 2018-05-24 11:01:09

Local clock offset: 1.835 ms

Remote clock offset: 1.964 ms

Run 7: Report of PCC-Vivace — Data Link

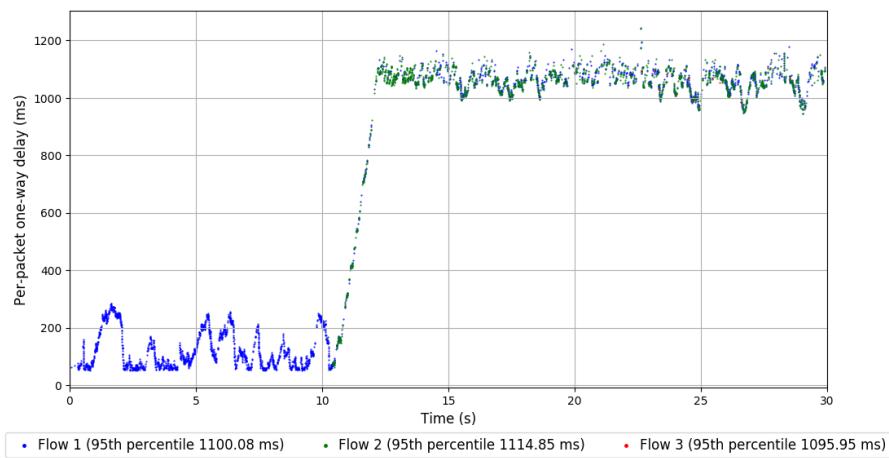
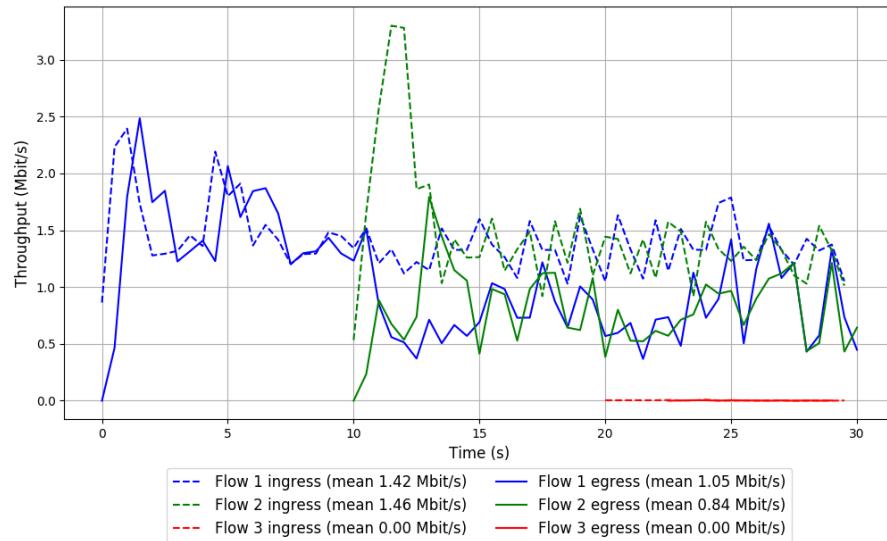


Run 8: Statistics of PCC-Vivace

```
Start at: 2018-05-24 11:18:20
End at: 2018-05-24 11:18:50
Local clock offset: -2.081 ms
Remote clock offset: 8.031 ms

# Below is generated by plot.py at 2018-05-24 12:12:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.60 Mbit/s
95th percentile per-packet one-way delay: 1107.442 ms
Loss rate: 33.00%
-- Flow 1:
Average throughput: 1.05 Mbit/s
95th percentile per-packet one-way delay: 1100.079 ms
Loss rate: 25.91%
-- Flow 2:
Average throughput: 0.84 Mbit/s
95th percentile per-packet one-way delay: 1114.851 ms
Loss rate: 43.29%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 1095.948 ms
Loss rate: 51.46%
```

Run 8: Report of PCC-Vivace — Data Link

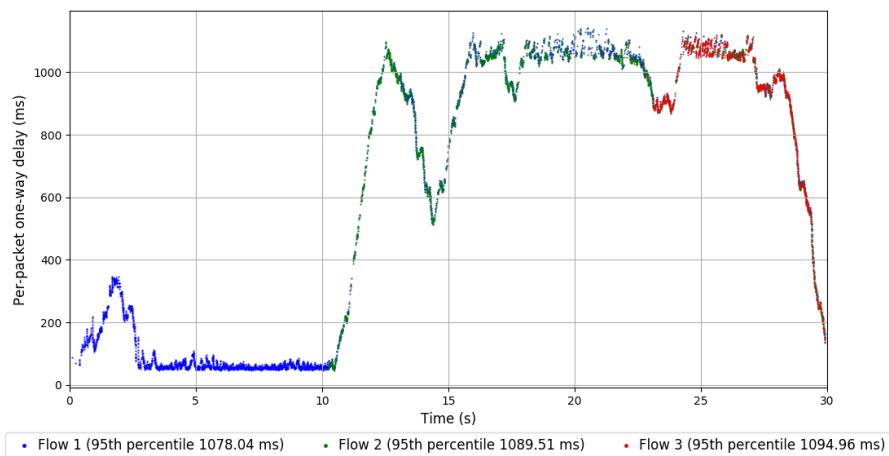
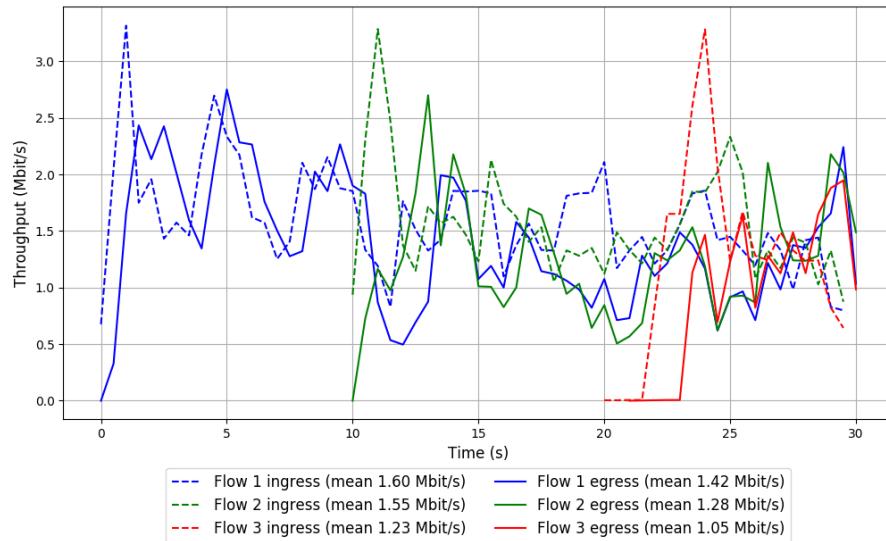


Run 9: Statistics of PCC-Vivace

```
Start at: 2018-05-24 11:35:58
End at: 2018-05-24 11:36:29
Local clock offset: 0.795 ms
Remote clock offset: 4.986 ms

# Below is generated by plot.py at 2018-05-24 12:12:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 2.58 Mbit/s
95th percentile per-packet one-way delay: 1085.959 ms
Loss rate: 15.49%
-- Flow 1:
Average throughput: 1.42 Mbit/s
95th percentile per-packet one-way delay: 1078.039 ms
Loss rate: 11.85%
-- Flow 2:
Average throughput: 1.28 Mbit/s
95th percentile per-packet one-way delay: 1089.507 ms
Loss rate: 17.80%
-- Flow 3:
Average throughput: 1.05 Mbit/s
95th percentile per-packet one-way delay: 1094.962 ms
Loss rate: 23.92%
```

Run 9: Report of PCC-Vivace — Data Link

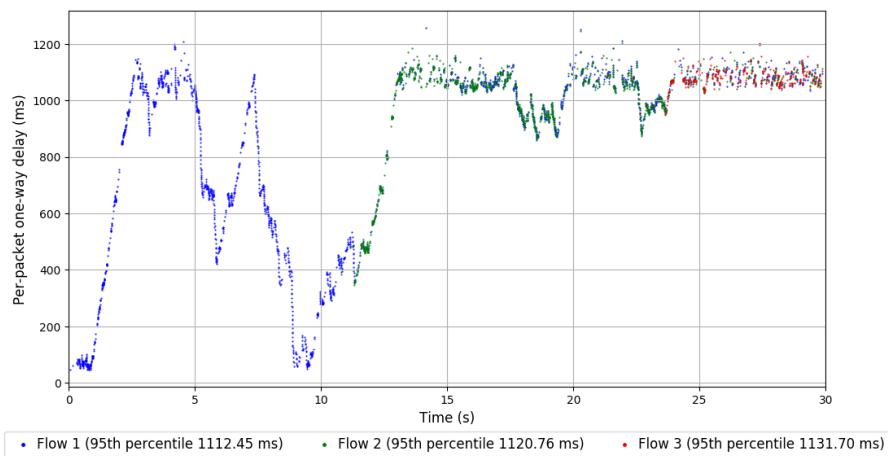
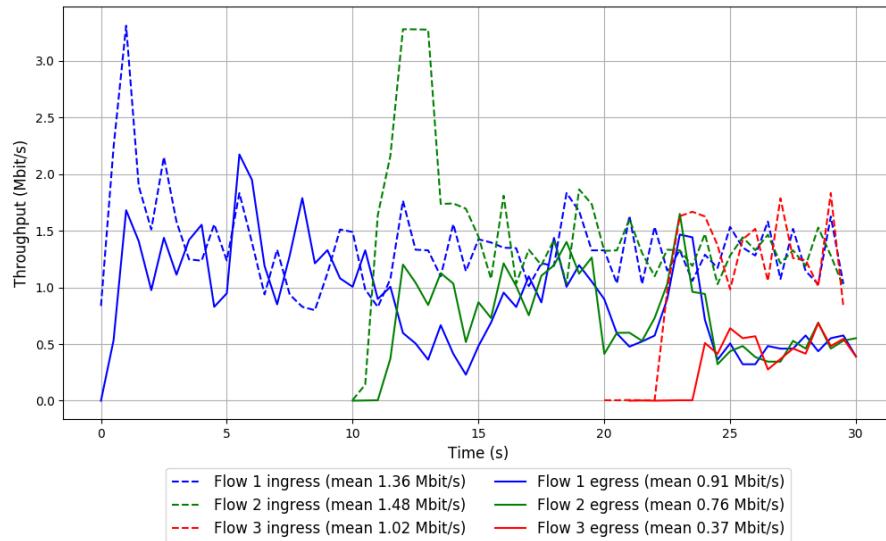


Run 10: Statistics of PCC-Vivace

```
Start at: 2018-05-24 11:53:49
End at: 2018-05-24 11:54:19
Local clock offset: 1.429 ms
Remote clock offset: 4.152 ms

# Below is generated by plot.py at 2018-05-24 12:12:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 1116.969 ms
Loss rate: 43.71%
-- Flow 1:
Average throughput: 0.91 Mbit/s
95th percentile per-packet one-way delay: 1112.451 ms
Loss rate: 33.33%
-- Flow 2:
Average throughput: 0.76 Mbit/s
95th percentile per-packet one-way delay: 1120.758 ms
Loss rate: 49.48%
-- Flow 3:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 1131.699 ms
Loss rate: 68.77%
```

Run 10: Report of PCC-Vivace — Data Link

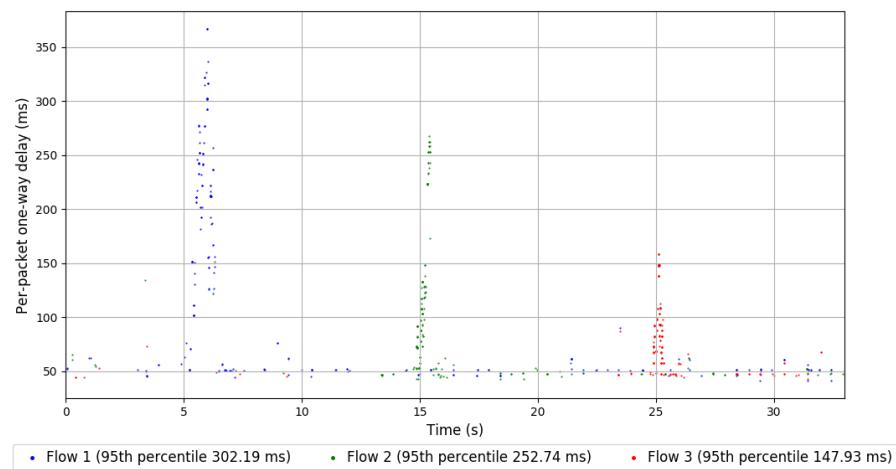
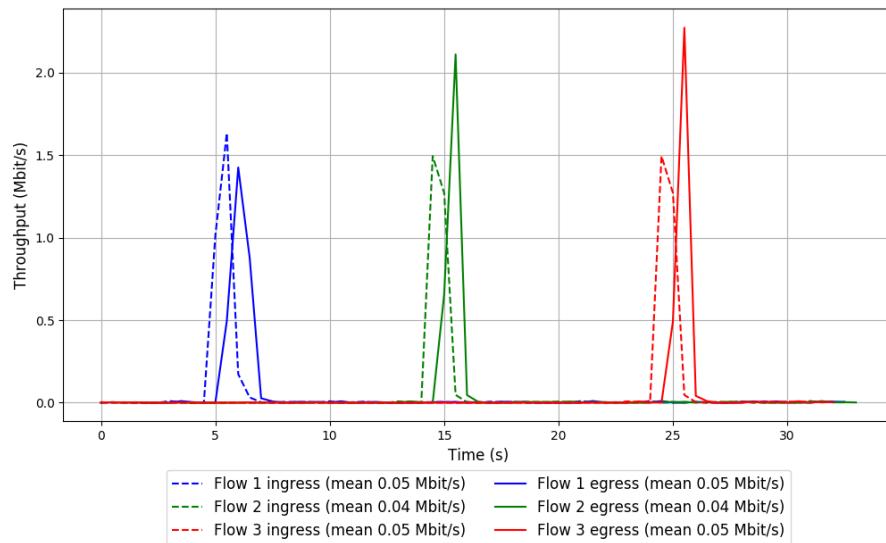


Run 1: Statistics of WebRTC media

```
Start at: 2018-05-24 09:21:32
End at: 2018-05-24 09:22:02
Local clock offset: -1.992 ms
Remote clock offset: 6.885 ms

# Below is generated by plot.py at 2018-05-24 12:12:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 262.336 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 302.185 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 252.738 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 147.931 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

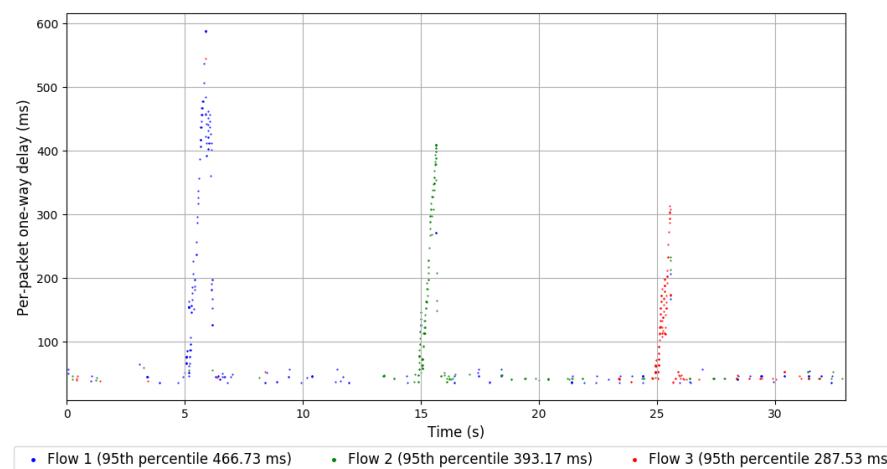
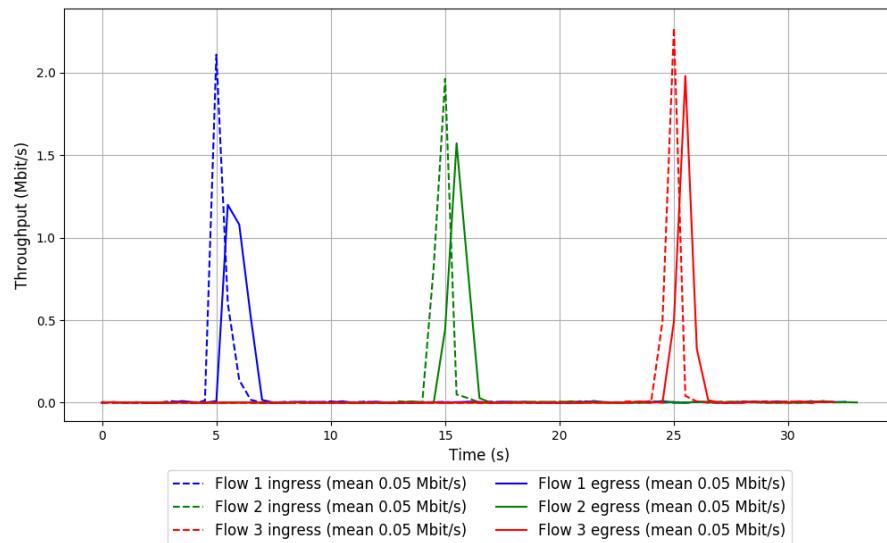


Run 2: Statistics of WebRTC media

```
Start at: 2018-05-24 09:39:05
End at: 2018-05-24 09:39:35
Local clock offset: 2.686 ms
Remote clock offset: 14.283 ms

# Below is generated by plot.py at 2018-05-24 12:12:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 436.477 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 466.727 ms
Loss rate: 1.58%
-- Flow 2:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 393.166 ms
Loss rate: 0.81%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 287.532 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

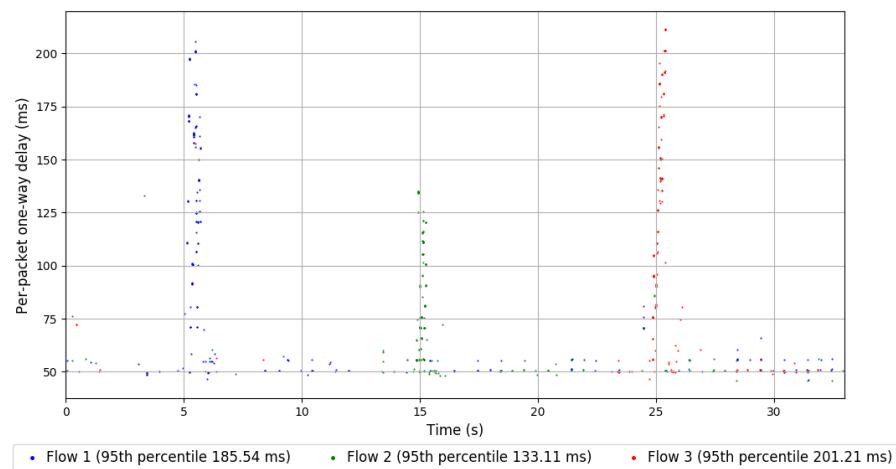
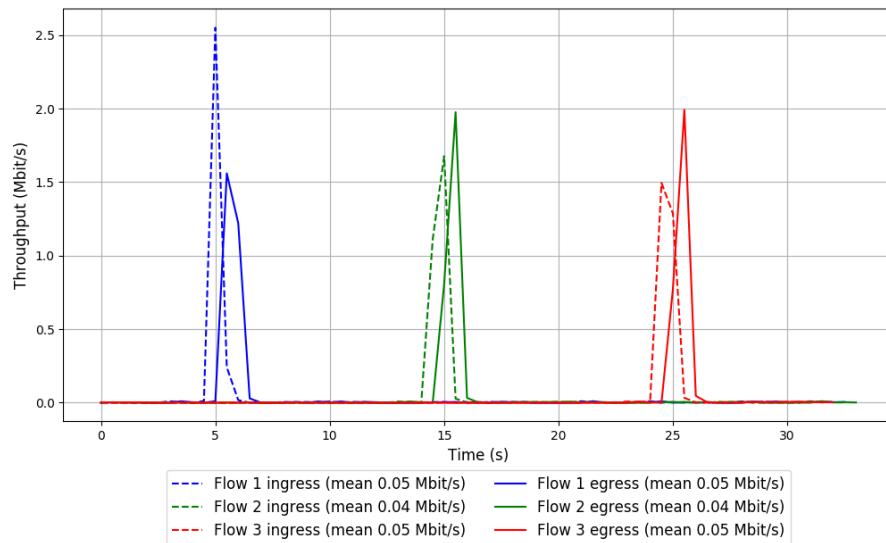


Run 3: Statistics of WebRTC media

```
Start at: 2018-05-24 09:56:42
End at: 2018-05-24 09:57:12
Local clock offset: -2.391 ms
Remote clock offset: 4.205 ms

# Below is generated by plot.py at 2018-05-24 12:12:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 190.141 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 185.538 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 133.114 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 201.206 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

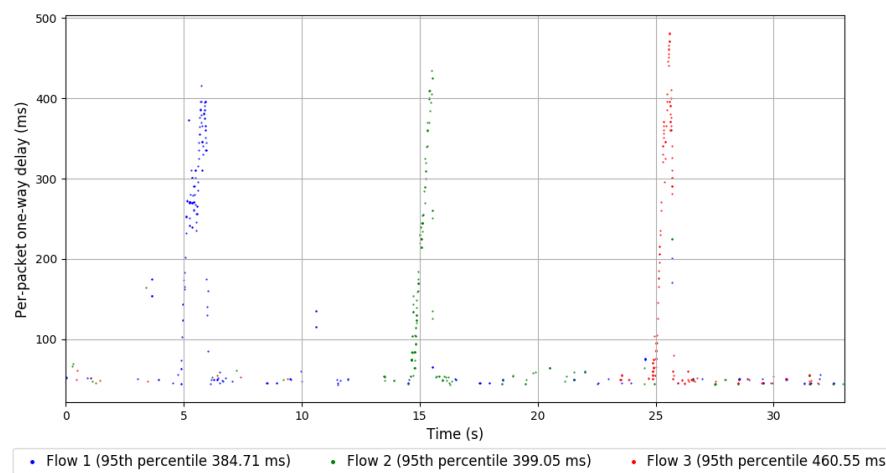
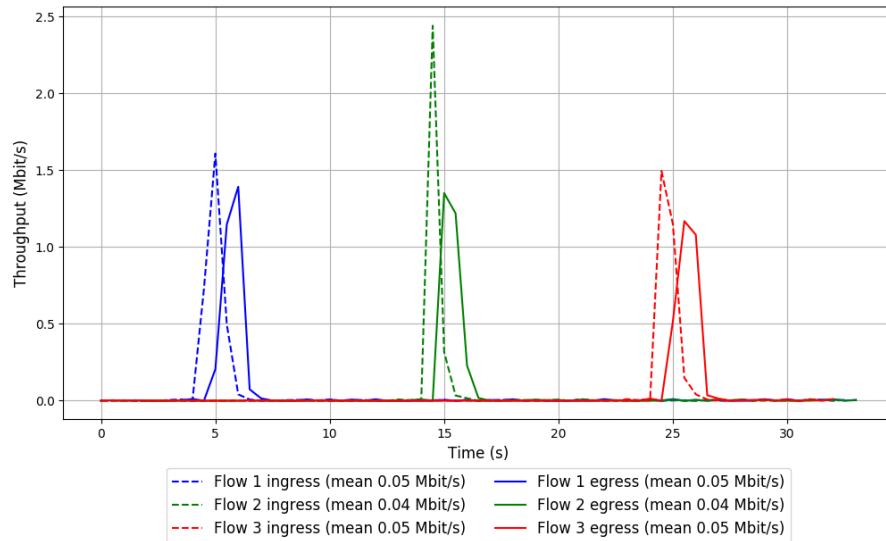


Run 4: Statistics of WebRTC media

```
Start at: 2018-05-24 10:14:31
End at: 2018-05-24 10:15:01
Local clock offset: 2.8 ms
Remote clock offset: 1.08 ms

# Below is generated by plot.py at 2018-05-24 12:12:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 395.343 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 384.713 ms
Loss rate: 1.62%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 399.048 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 460.550 ms
Loss rate: 0.83%
```

Run 4: Report of WebRTC media — Data Link

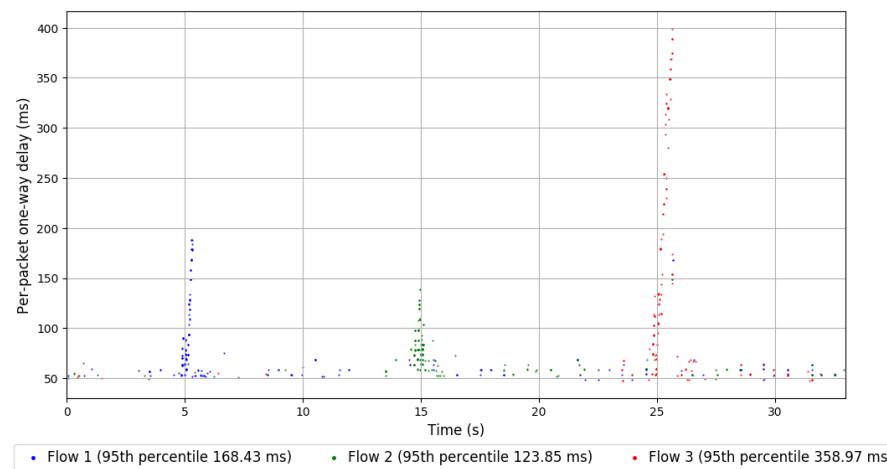
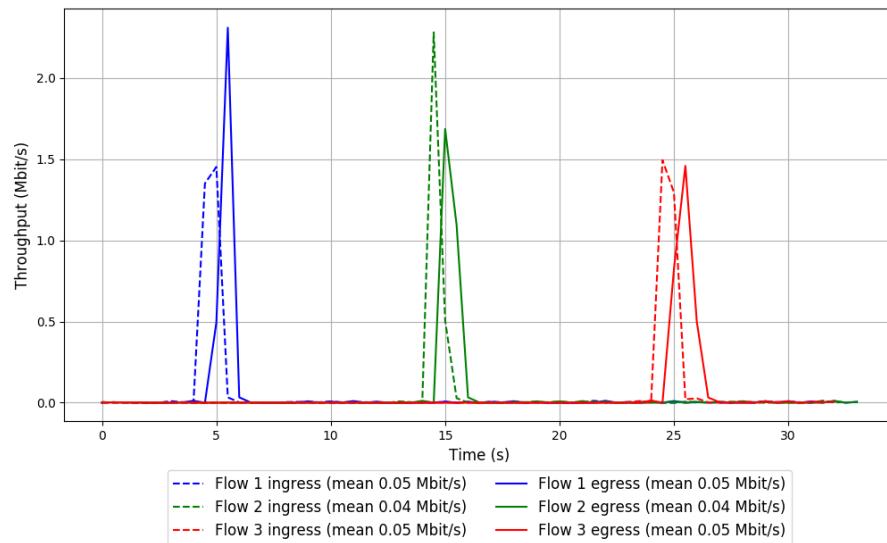


Run 5: Statistics of WebRTC media

```
Start at: 2018-05-24 10:32:02
End at: 2018-05-24 10:32:32
Local clock offset: -1.192 ms
Remote clock offset: -3.803 ms

# Below is generated by plot.py at 2018-05-24 12:12:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 254.130 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 168.434 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 123.850 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 358.968 ms
Loss rate: 0.83%
```

Run 5: Report of WebRTC media — Data Link

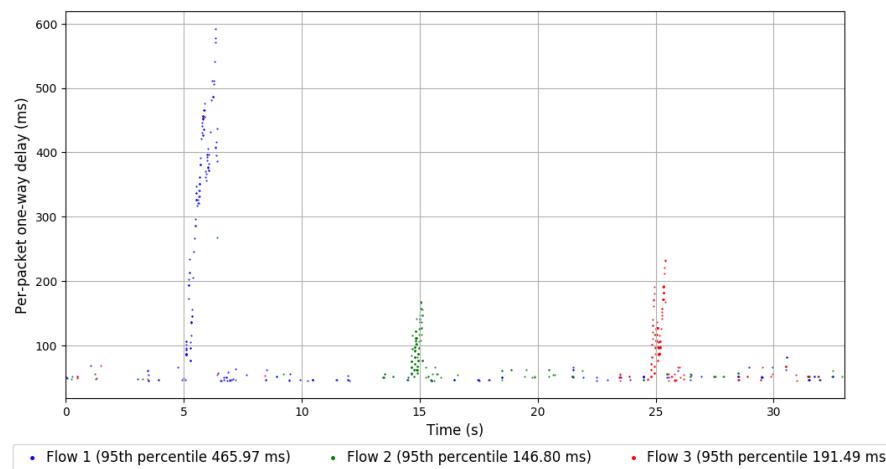
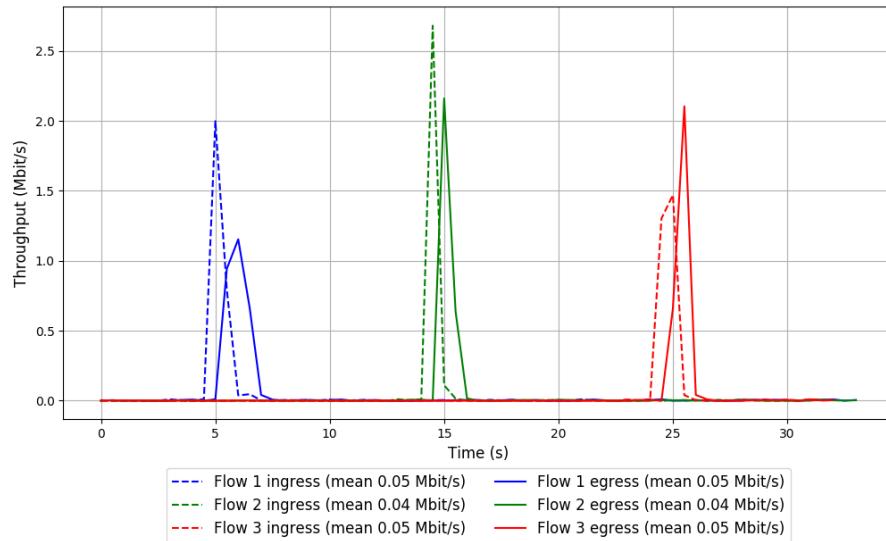


Run 6: Statistics of WebRTC media

```
Start at: 2018-05-24 10:49:42
End at: 2018-05-24 10:50:12
Local clock offset: 0.61 ms
Remote clock offset: -5.783 ms

# Below is generated by plot.py at 2018-05-24 12:12:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 430.991 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 465.970 ms
Loss rate: 2.35%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 146.803 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 191.486 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link

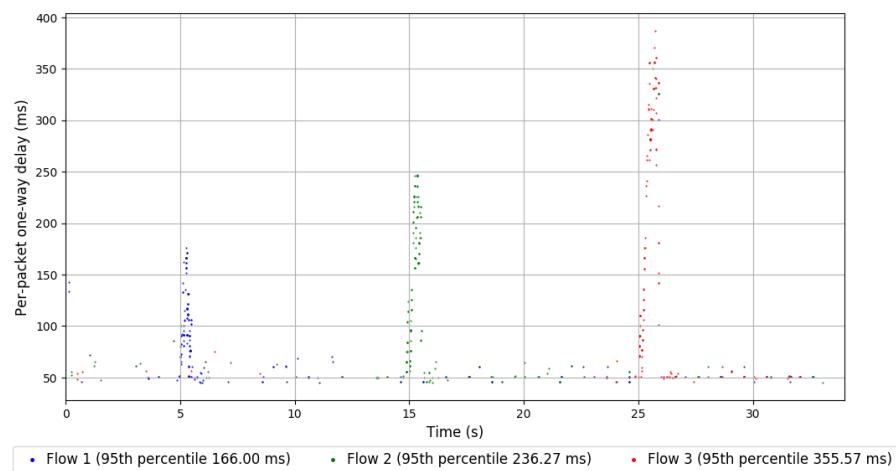
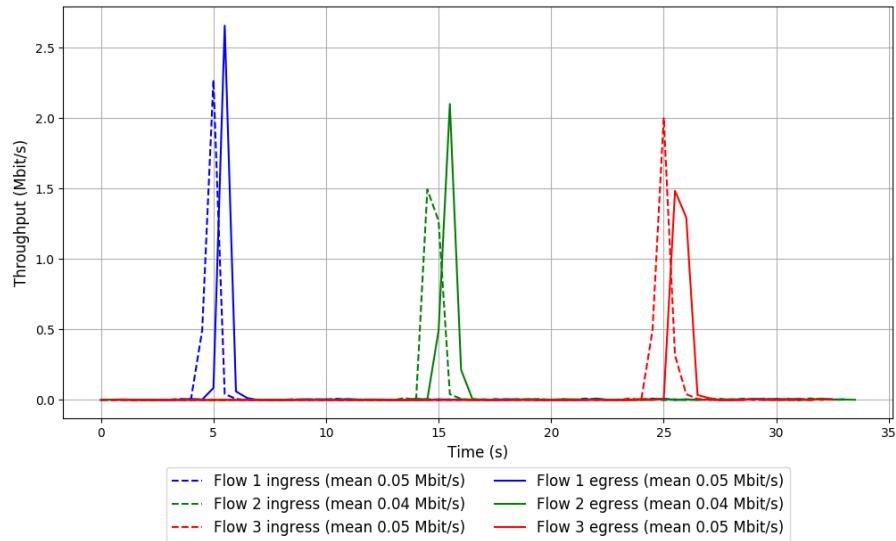


Run 7: Statistics of WebRTC media

```
Start at: 2018-05-24 11:07:12
End at: 2018-05-24 11:07:42
Local clock offset: -0.017 ms
Remote clock offset: 3.153 ms

# Below is generated by plot.py at 2018-05-24 12:12:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 310.852 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 166.001 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 236.274 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 355.570 ms
Loss rate: 0.82%
```

Run 7: Report of WebRTC media — Data Link

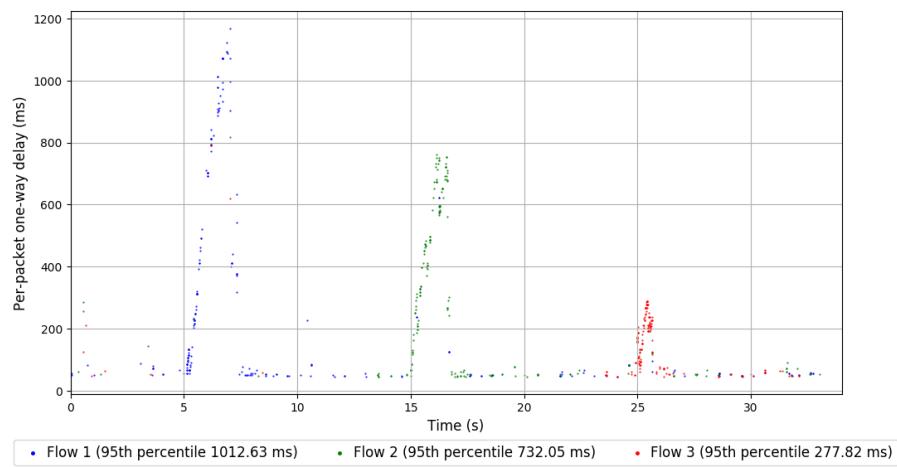
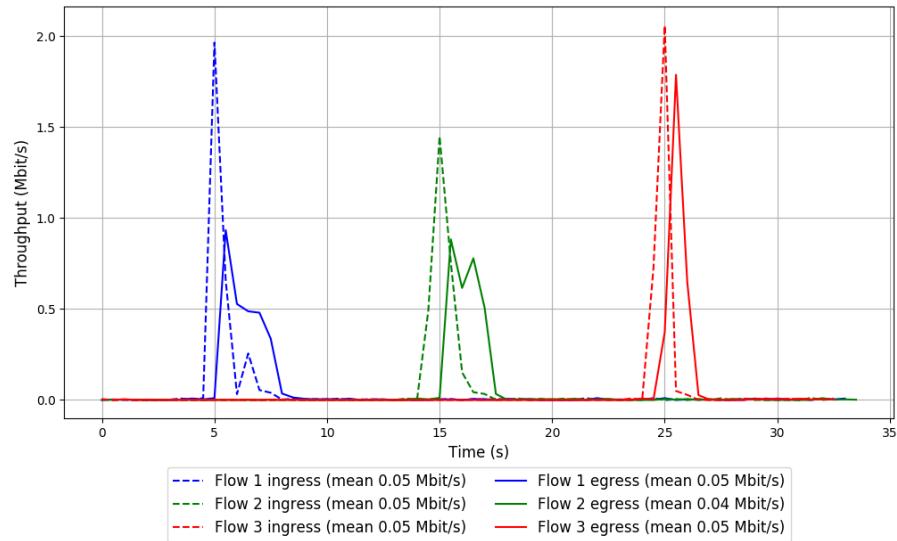


Run 8: Statistics of WebRTC media

```
Start at: 2018-05-24 11:24:55
End at: 2018-05-24 11:25:25
Local clock offset: 2.198 ms
Remote clock offset: 10.026 ms

# Below is generated by plot.py at 2018-05-24 12:12:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 818.690 ms
Loss rate: 3.41%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1012.630 ms
Loss rate: 6.02%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 732.053 ms
Loss rate: 3.16%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 277.818 ms
Loss rate: 0.82%
```

Run 8: Report of WebRTC media — Data Link

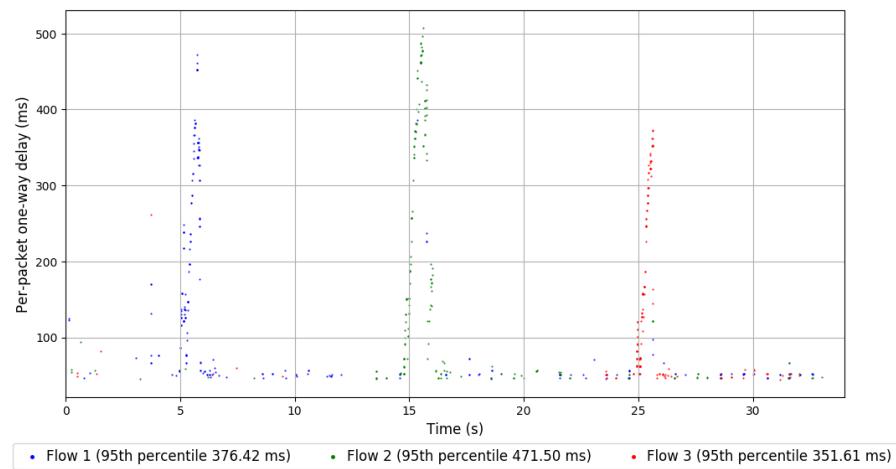
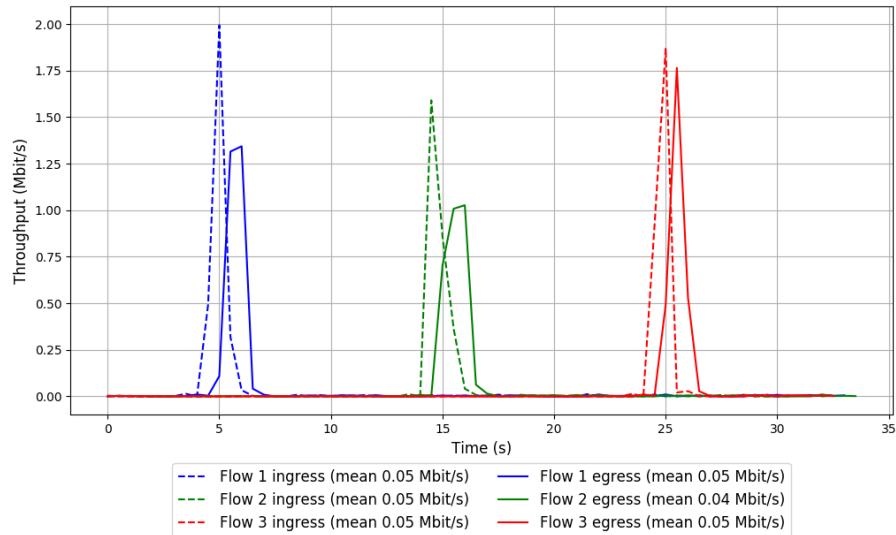


Run 9: Statistics of WebRTC media

```
Start at: 2018-05-24 11:42:49
End at: 2018-05-24 11:43:19
Local clock offset: 2.53 ms
Remote clock offset: 4.614 ms

# Below is generated by plot.py at 2018-05-24 12:12:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 431.969 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 376.419 ms
Loss rate: 0.80%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 471.495 ms
Loss rate: 1.62%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 351.614 ms
Loss rate: 0.83%
```

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

```
Start at: 2018-05-24 12:00:31
End at: 2018-05-24 12:01:01
Local clock offset: 1.415 ms
Remote clock offset: 3.081 ms

# Below is generated by plot.py at 2018-05-24 12:12:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 131.382 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 159.592 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 117.244 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 86.948 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

