

Pantheon Report

Generated at 2018-05-25 10:40:32 (UTC).

Data path: Colombia ppp0 ppp0 (*remote*) → AWS Brazil 2 Ethernet (*local*).

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.

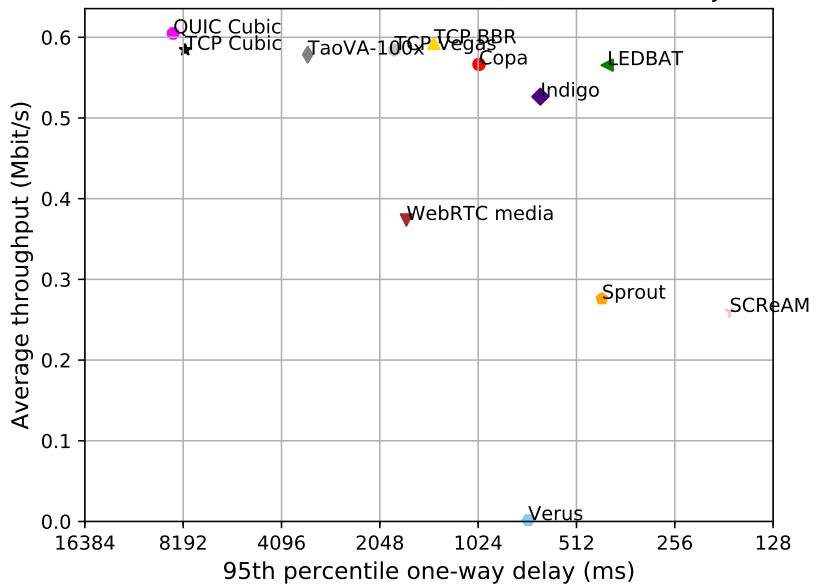
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

NTP offsets were measured against `gps.ntp.br` and have been applied to correct the timestamps in logs.

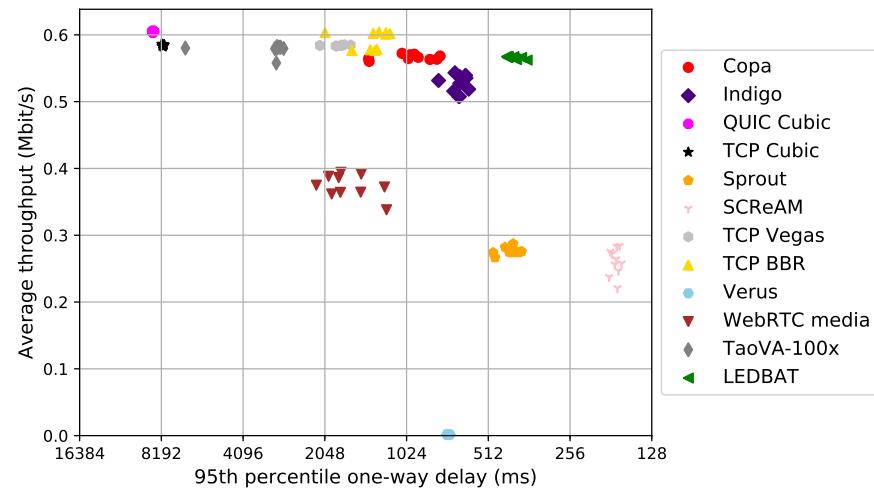
Git summary:

```
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 Colombia ppp0 to AWS Brazil 2, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows (mean of all runs by scheme)



test from Colombia ppp0 to AWS Brazil 2, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows



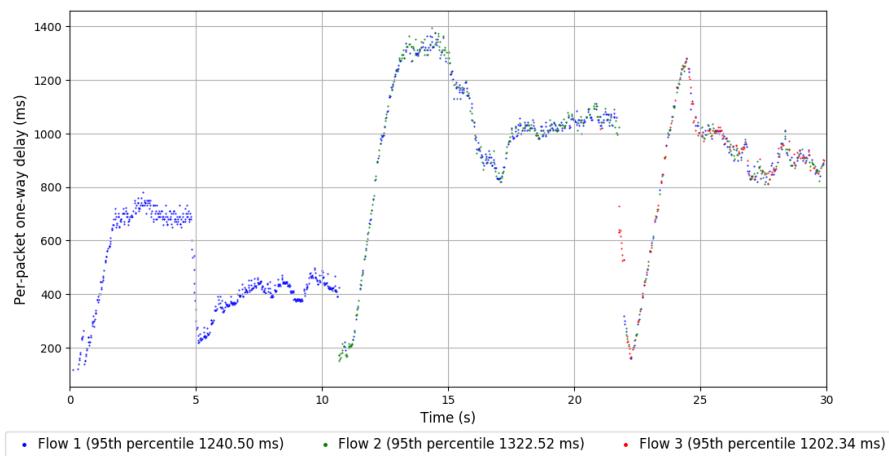
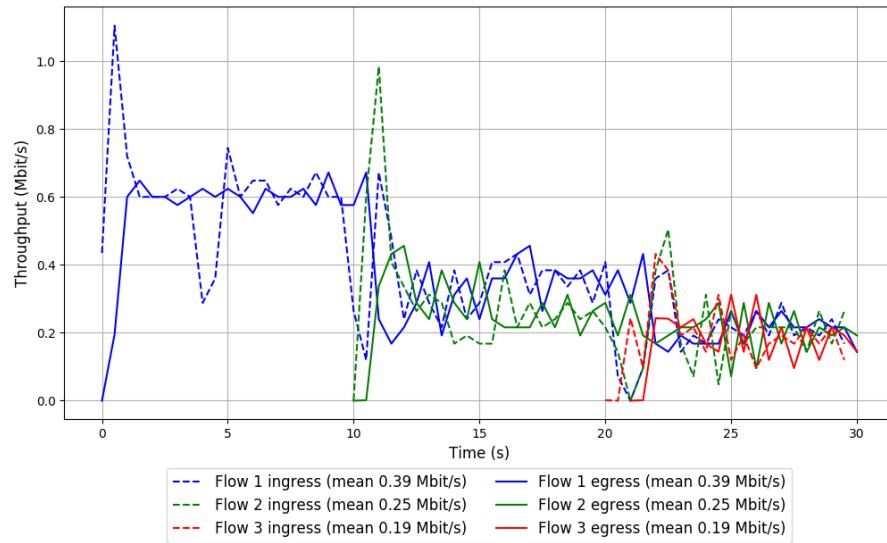
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	0.38	0.24	0.19	1360.93	1417.86	1422.99	2.46	4.45	10.60
Copa		0.33	0.27	0.19	950.26	1016.23	1095.32	1.40	3.12	7.42
TCP Cubic		0.57	0.03	0.00	8080.44	6395.56	8384.98	30.86	52.85	90.91
FillP		0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Indigo		0.28	0.25	0.24	551.51	656.81	780.19	0.51	0.91	2.41
LEDBAT		0.24	0.37	0.26	339.87	418.49	434.91	0.03	0.68	7.93
PCC-Allegro		0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCC-Expr		0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
QUIC Cubic		0.60	0.00	0.00	8779.04	5986.26	9192.55	32.29	0.00	50.00
SCReAM		0.08	0.17	0.19	157.26	174.08	192.81	0.68	1.02	2.02
Sprout		0.14	0.14	0.14	514.73	328.85	388.31	0.78	1.22	1.88
TaoVA-100x		0.35	0.29	0.19	2898.73	3558.26	3446.05	6.23	10.03	31.62
TCP Vegas		0.39	0.23	0.19	1702.94	1865.29	1978.06	3.08	6.48	22.18
Verus		0.00	0.00	0.00	480.55	574.10	766.44	0.00	0.00	2.00
PCC-Vivace		0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WebRTC media		0.17	0.15	0.06	1549.12	1737.77	1693.08	1.34	1.62	11.65

Run 1: Statistics of TCP BBR

```
Start at: 2018-05-25 07:37:08
End at: 2018-05-25 07:37:38
Local clock offset: -1.469 ms
Remote clock offset: 3.506 ms

# Below is generated by plot.py at 2018-05-25 10:38:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 1292.848 ms
Loss rate: 3.16%
-- Flow 1:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 1240.502 ms
Loss rate: 1.75%
-- Flow 2:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 1322.517 ms
Loss rate: 4.27%
-- Flow 3:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 1202.335 ms
Loss rate: 9.14%
```

Run 1: Report of TCP BBR — Data Link

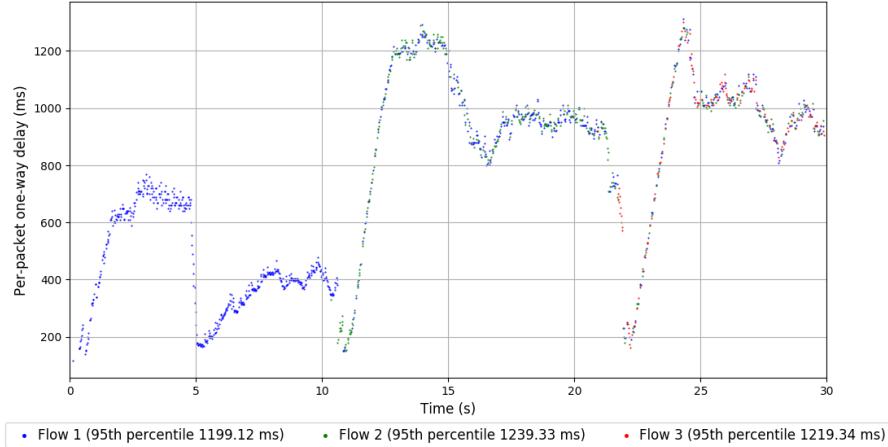
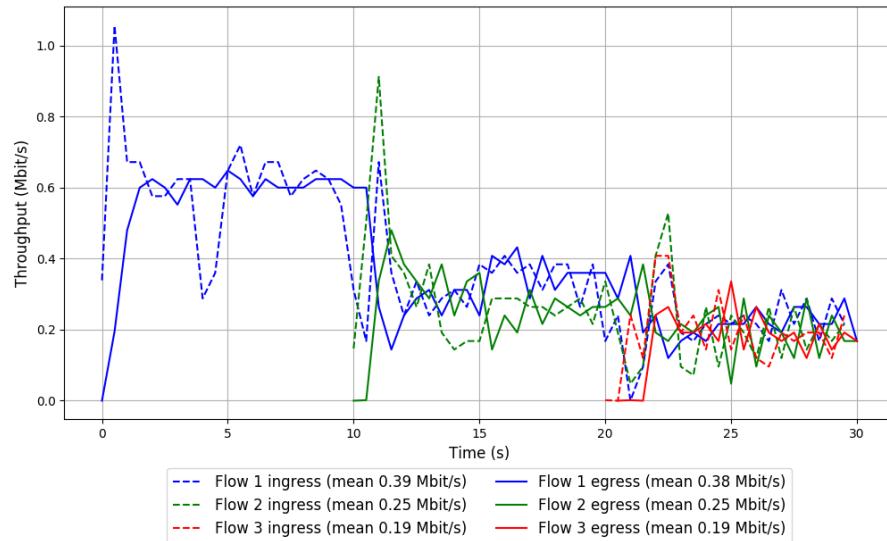


Run 2: Statistics of TCP BBR

```
Start at: 2018-05-25 07:56:10
End at: 2018-05-25 07:56:40
Local clock offset: -1.767 ms
Remote clock offset: 9.037 ms

# Below is generated by plot.py at 2018-05-25 10:38:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 1219.351 ms
Loss rate: 3.42%
-- Flow 1:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 1199.123 ms
Loss rate: 2.16%
-- Flow 2:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 1239.333 ms
Loss rate: 4.03%
-- Flow 3:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 1219.336 ms
Loss rate: 9.55%
```

Run 2: Report of TCP BBR — Data Link

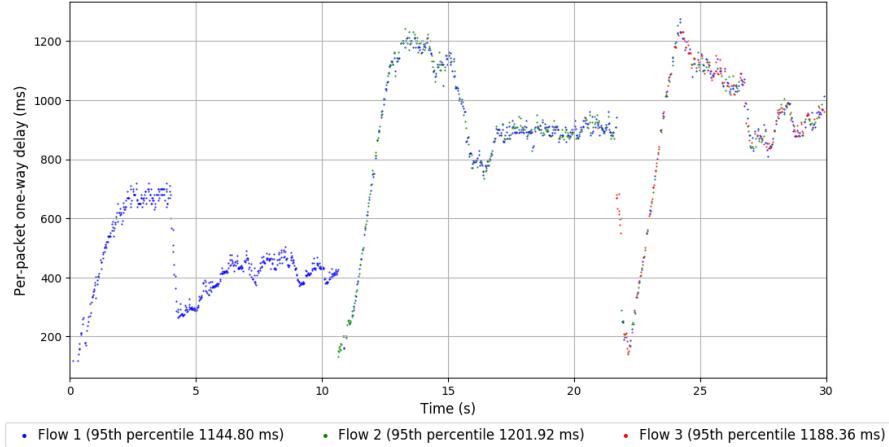
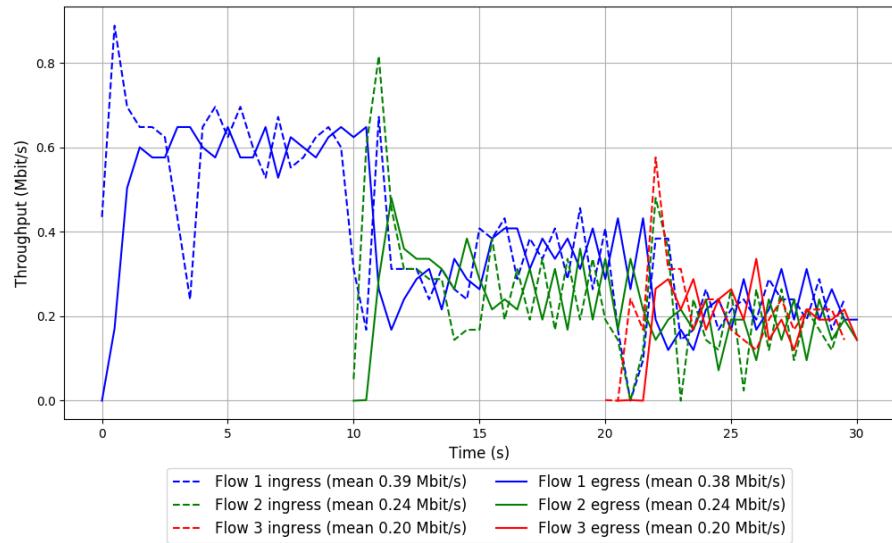


Run 3: Statistics of TCP BBR

```
Start at: 2018-05-25 08:15:11
End at: 2018-05-25 08:15:41
Local clock offset: -2.794 ms
Remote clock offset: 3.132 ms

# Below is generated by plot.py at 2018-05-25 10:38:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 1180.112 ms
Loss rate: 3.24%
-- Flow 1:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 1144.798 ms
Loss rate: 1.95%
-- Flow 2:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 1201.919 ms
Loss rate: 3.50%
-- Flow 3:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 1188.359 ms
Loss rate: 9.99%
```

Run 3: Report of TCP BBR — Data Link

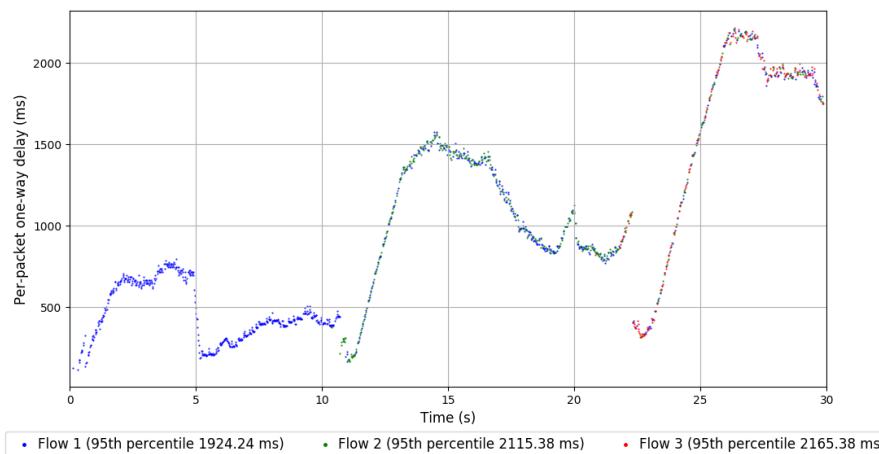
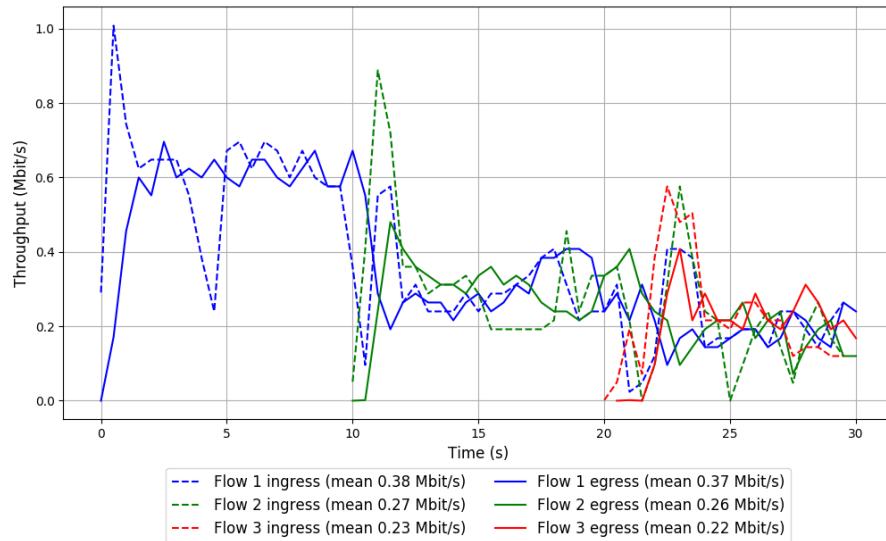


Run 4: Statistics of TCP BBR

```
Start at: 2018-05-25 08:34:12
End at: 2018-05-25 08:34:42
Local clock offset: -2.405 ms
Remote clock offset: 7.355 ms

# Below is generated by plot.py at 2018-05-25 10:38:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 2044.526 ms
Loss rate: 5.14%
-- Flow 1:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 1924.240 ms
Loss rate: 3.50%
-- Flow 2:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 2115.379 ms
Loss rate: 6.26%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2165.382 ms
Loss rate: 10.69%
```

Run 4: Report of TCP BBR — Data Link

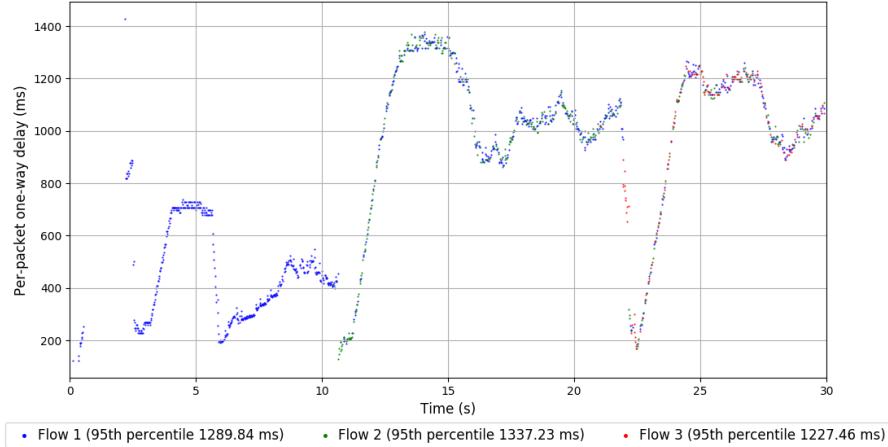
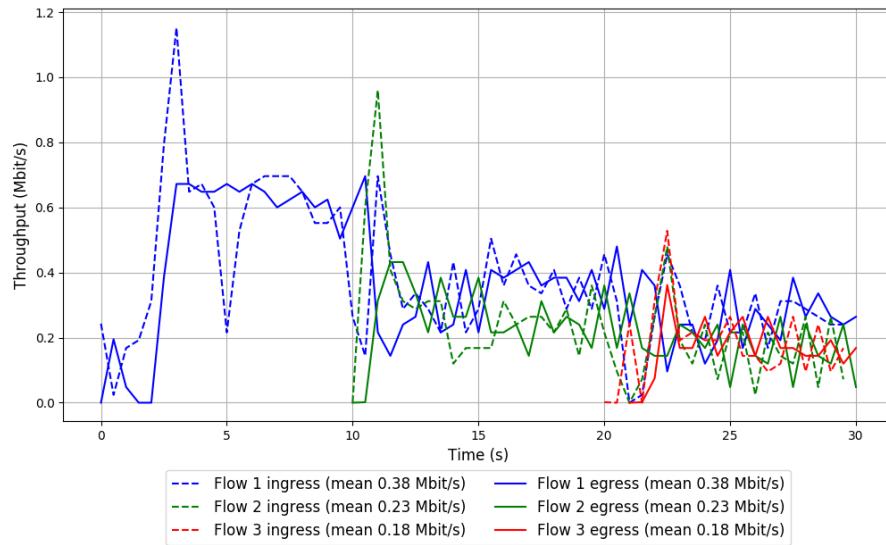


Run 5: Statistics of TCP BBR

```
Start at: 2018-05-25 08:53:17
End at: 2018-05-25 08:53:47
Local clock offset: -2.063 ms
Remote clock offset: 4.757 ms

# Below is generated by plot.py at 2018-05-25 10:38:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 1317.226 ms
Loss rate: 3.43%
-- Flow 1:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 1289.840 ms
Loss rate: 2.31%
-- Flow 2:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 1337.231 ms
Loss rate: 3.89%
-- Flow 3:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 1227.462 ms
Loss rate: 9.57%
```

Run 5: Report of TCP BBR — Data Link

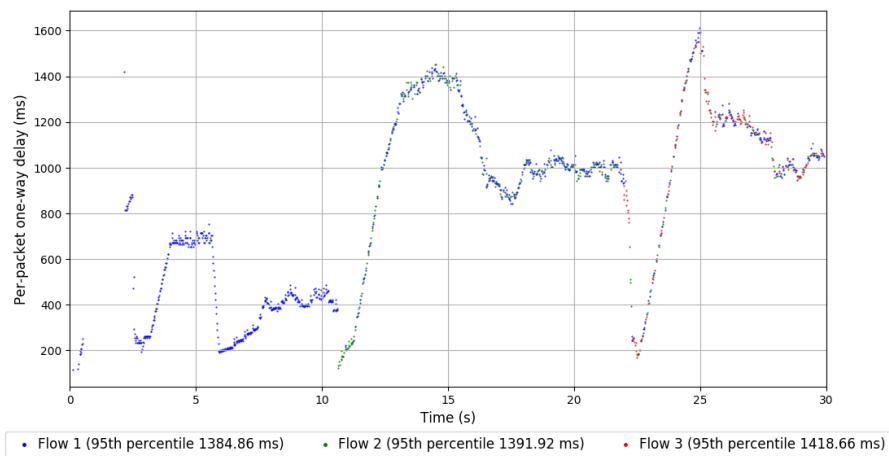
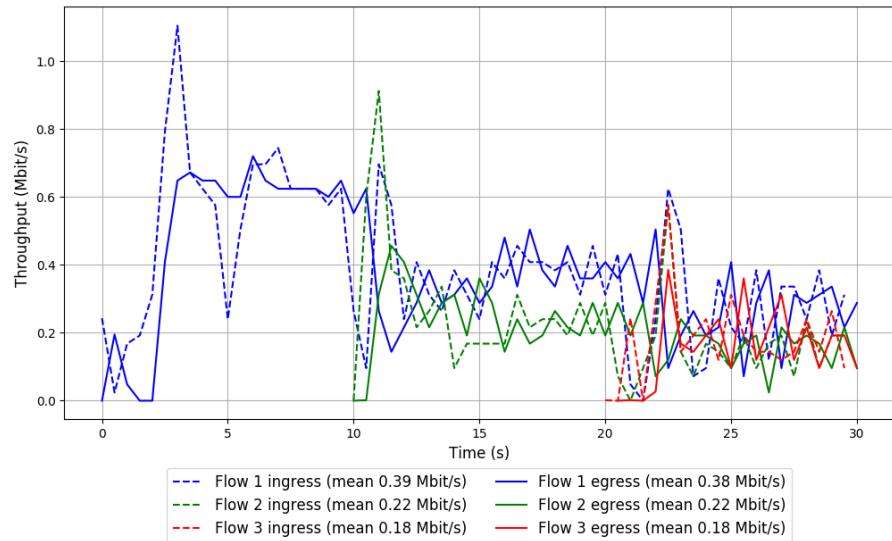


Run 6: Statistics of TCP BBR

```
Start at: 2018-05-25 09:12:18
End at: 2018-05-25 09:12:48
Local clock offset: -3.607 ms
Remote clock offset: 8.767 ms

# Below is generated by plot.py at 2018-05-25 10:38:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 1392.034 ms
Loss rate: 4.02%
-- Flow 1:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 1384.864 ms
Loss rate: 2.66%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1391.917 ms
Loss rate: 4.36%
-- Flow 3:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 1418.659 ms
Loss rate: 11.98%
```

Run 6: Report of TCP BBR — Data Link

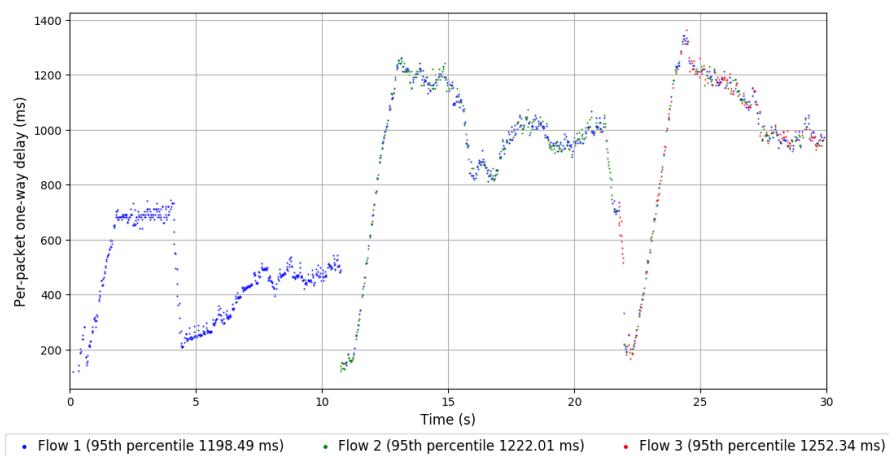
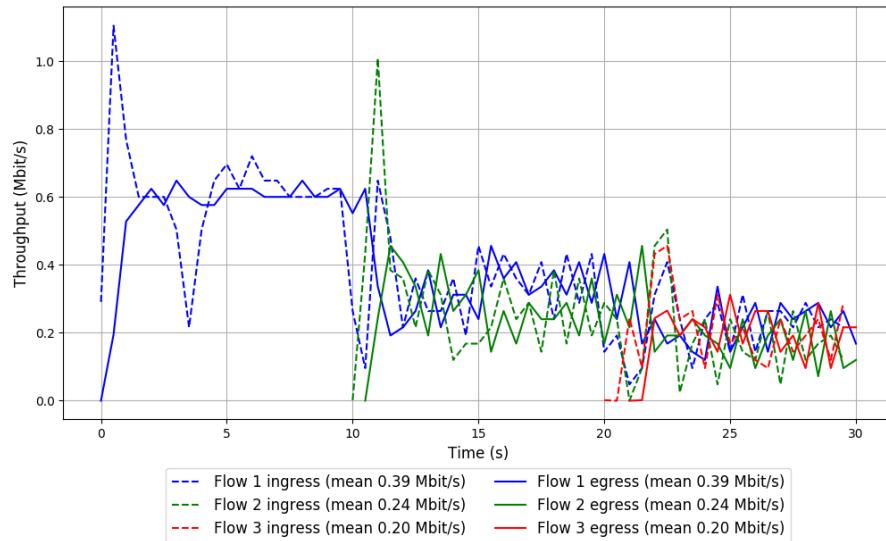


Run 7: Statistics of TCP BBR

```
Start at: 2018-05-25 09:31:21
End at: 2018-05-25 09:31:51
Local clock offset: -4.168 ms
Remote clock offset: 7.416 ms

# Below is generated by plot.py at 2018-05-25 10:38:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 1219.889 ms
Loss rate: 3.43%
-- Flow 1:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 1198.486 ms
Loss rate: 2.15%
-- Flow 2:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 1222.012 ms
Loss rate: 3.73%
-- Flow 3:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 1252.336 ms
Loss rate: 10.29%
```

Run 7: Report of TCP BBR — Data Link

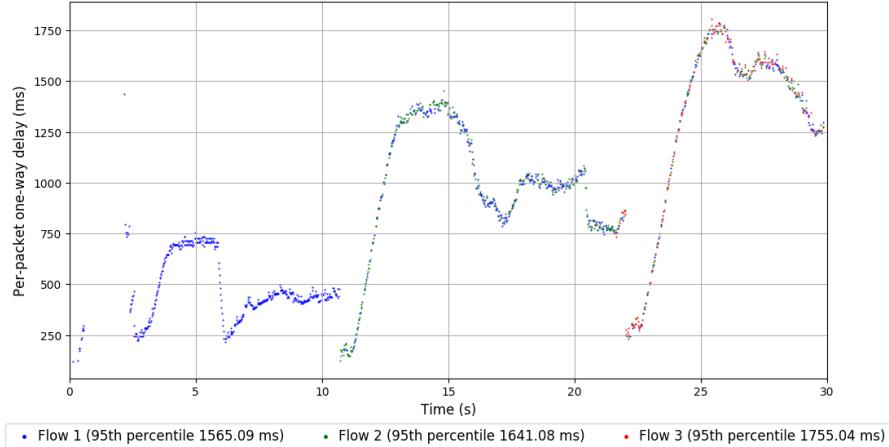
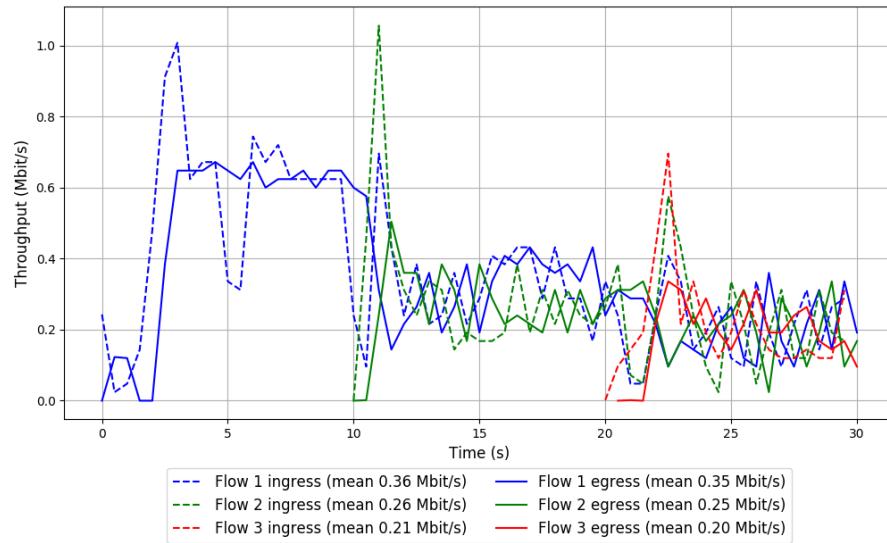


Run 8: Statistics of TCP BBR

```
Start at: 2018-05-25 09:50:23
End at: 2018-05-25 09:50:53
Local clock offset: -7.448 ms
Remote clock offset: 6.922 ms

# Below is generated by plot.py at 2018-05-25 10:38:54
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 1628.173 ms
Loss rate: 4.99%
-- Flow 1:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 1565.087 ms
Loss rate: 3.00%
-- Flow 2:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 1641.079 ms
Loss rate: 6.07%
-- Flow 3:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 1755.038 ms
Loss rate: 12.49%
```

Run 8: Report of TCP BBR — Data Link

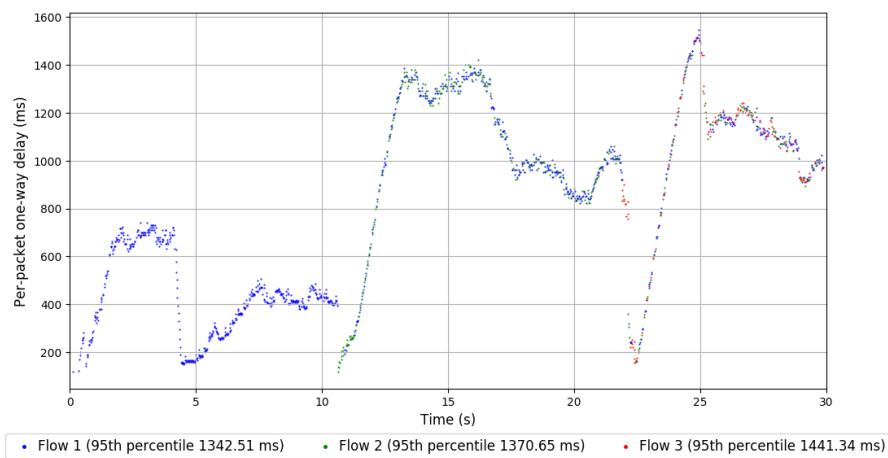
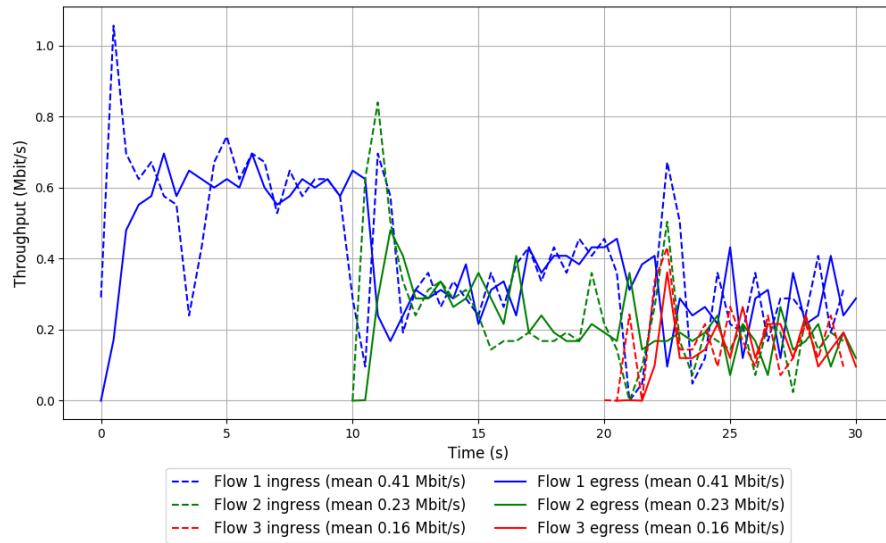


Run 9: Statistics of TCP BBR

```
Start at: 2018-05-25 10:09:29
End at: 2018-05-25 10:09:59
Local clock offset: -3.593 ms
Remote clock offset: 17.095 ms

# Below is generated by plot.py at 2018-05-25 10:38:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 1358.788 ms
Loss rate: 3.61%
-- Flow 1:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 1342.514 ms
Loss rate: 2.42%
-- Flow 2:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 1370.651 ms
Loss rate: 4.18%
-- Flow 3:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 1441.337 ms
Loss rate: 11.09%
```

Run 9: Report of TCP BBR — Data Link

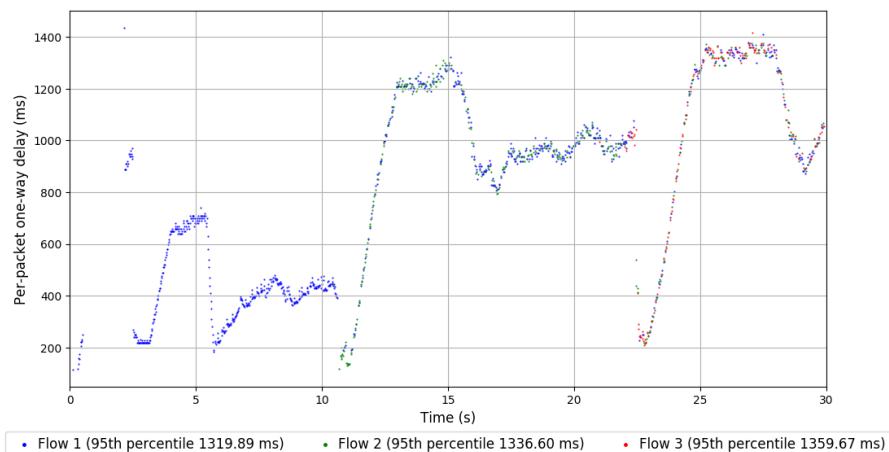
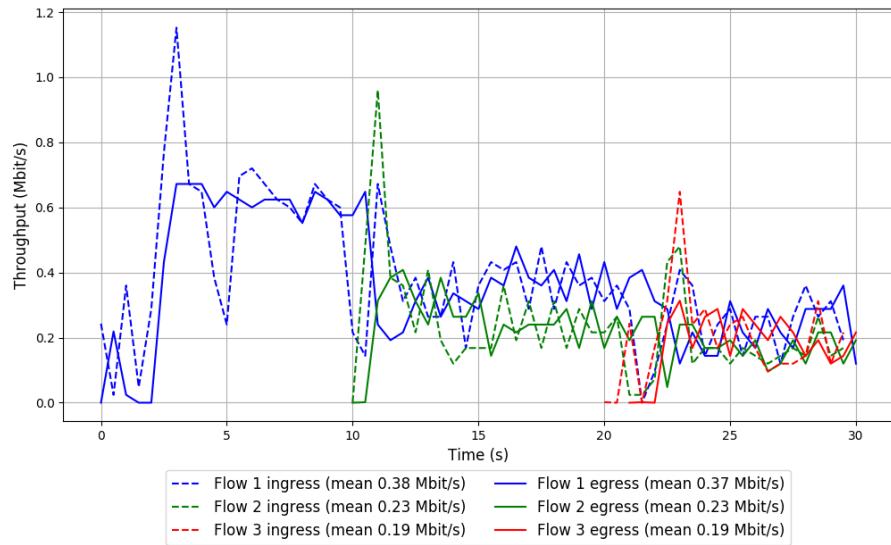


Run 10: Statistics of TCP BBR

```
Start at: 2018-05-25 10:28:31
End at: 2018-05-25 10:29:01
Local clock offset: -3.363 ms
Remote clock offset: 18.13 ms

# Below is generated by plot.py at 2018-05-25 10:38:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 1339.844 ms
Loss rate: 4.03%
-- Flow 1:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 1319.889 ms
Loss rate: 2.75%
-- Flow 2:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 1336.598 ms
Loss rate: 4.18%
-- Flow 3:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 1359.667 ms
Loss rate: 11.16%
```

Run 10: Report of TCP BBR — Data Link

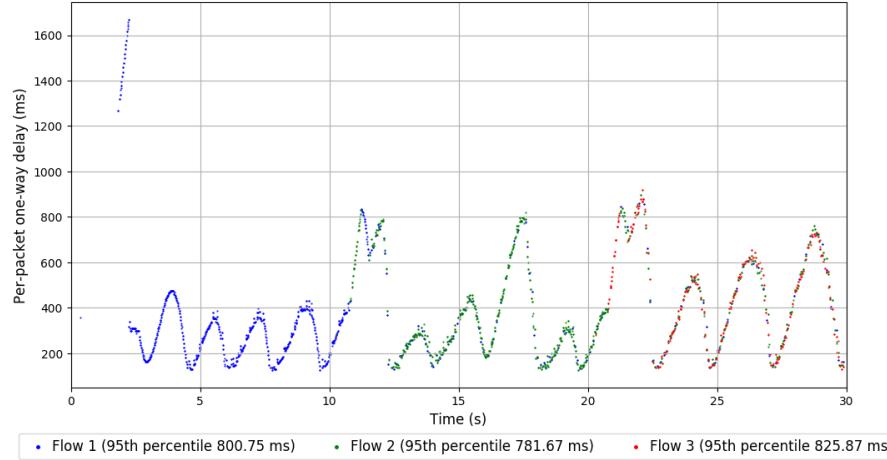
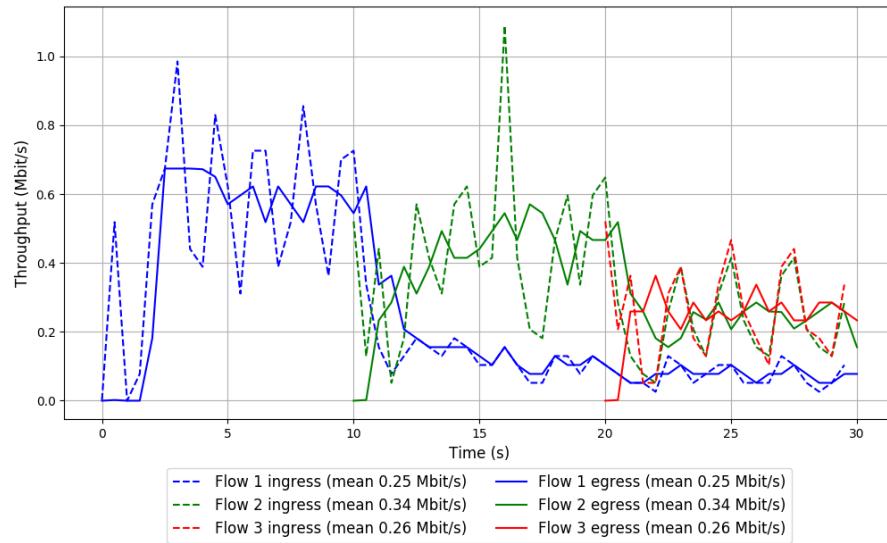


Run 1: Statistics of Copa

```
Start at: 2018-05-25 07:44:18
End at: 2018-05-25 07:44:48
Local clock offset: -1.661 ms
Remote clock offset: 7.751 ms

# Below is generated by plot.py at 2018-05-25 10:38:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 791.782 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 800.755 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 781.670 ms
Loss rate: 1.54%
-- Flow 3:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 825.872 ms
Loss rate: 3.96%
```

Run 1: Report of Copa — Data Link

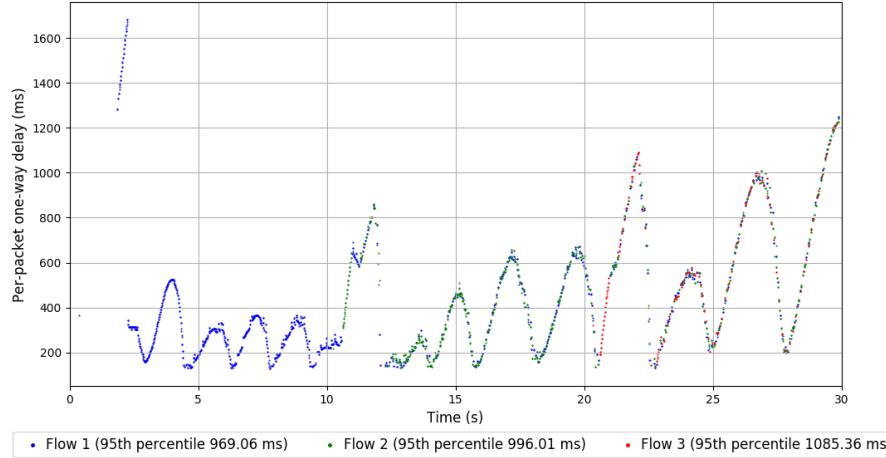
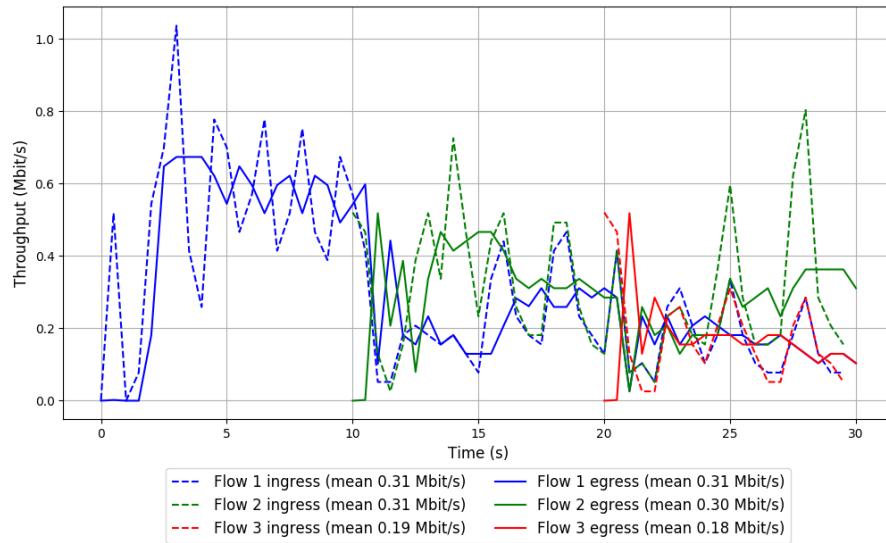


Run 2: Statistics of Copa

```
Start at: 2018-05-25 08:03:19
End at: 2018-05-25 08:03:49
Local clock offset: -2.419 ms
Remote clock offset: 4.281 ms

# Below is generated by plot.py at 2018-05-25 10:38:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 1009.713 ms
Loss rate: 2.80%
-- Flow 1:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 969.063 ms
Loss rate: 1.28%
-- Flow 2:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 996.014 ms
Loss rate: 3.98%
-- Flow 3:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 1085.364 ms
Loss rate: 6.38%
```

Run 2: Report of Copa — Data Link

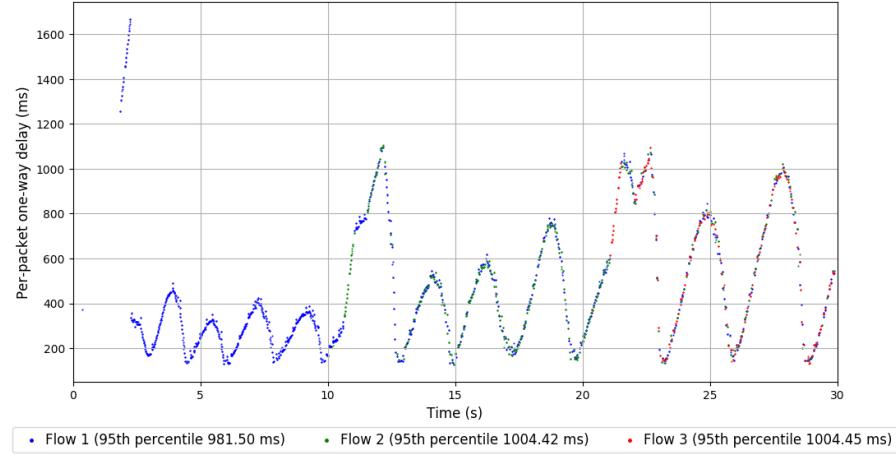
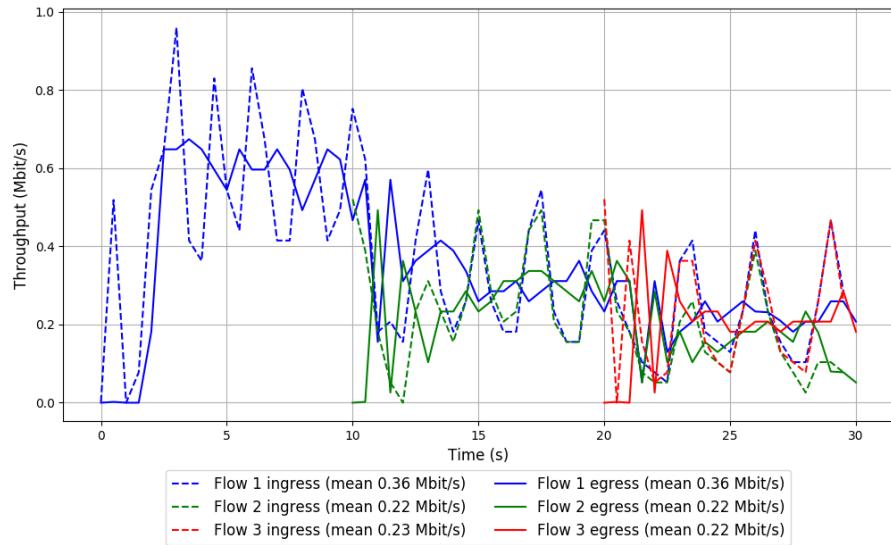


Run 3: Statistics of Copa

```
Start at: 2018-05-25 08:22:20
End at: 2018-05-25 08:22:50
Local clock offset: -2.897 ms
Remote clock offset: 3.864 ms

# Below is generated by plot.py at 2018-05-25 10:39:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 995.277 ms
Loss rate: 2.70%
-- Flow 1:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 981.502 ms
Loss rate: 1.94%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1004.424 ms
Loss rate: 1.19%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1004.454 ms
Loss rate: 9.19%
```

Run 3: Report of Copa — Data Link

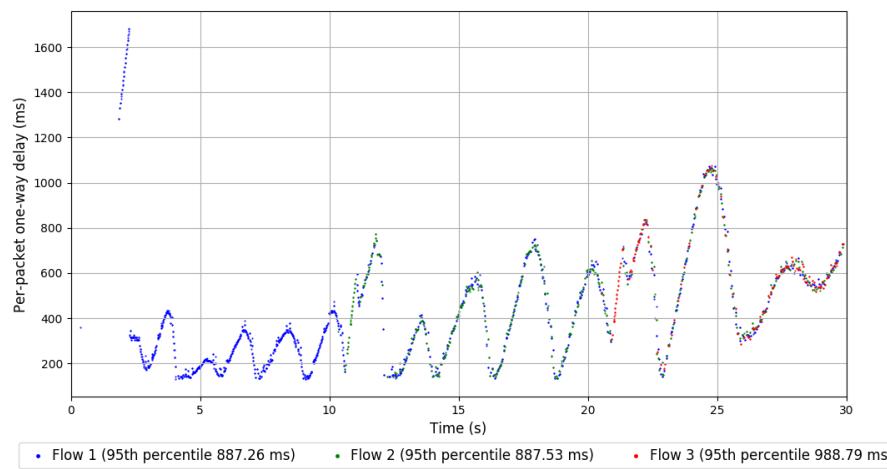
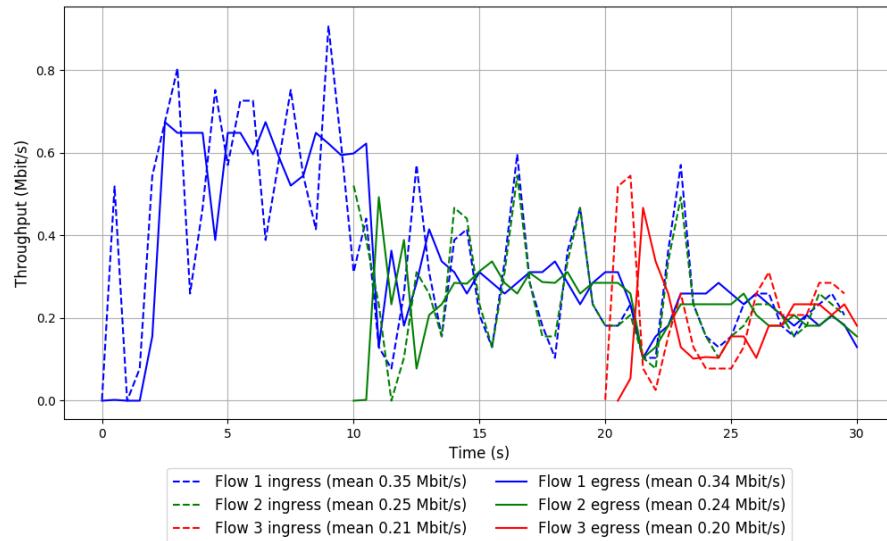


Run 4: Statistics of Copa

```
Start at: 2018-05-25 08:41:25
End at: 2018-05-25 08:41:55
Local clock offset: -2.214 ms
Remote clock offset: 3.354 ms

# Below is generated by plot.py at 2018-05-25 10:39:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 927.641 ms
Loss rate: 3.44%
-- Flow 1:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 887.264 ms
Loss rate: 1.88%
-- Flow 2:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 887.526 ms
Loss rate: 3.68%
-- Flow 3:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 988.786 ms
Loss rate: 10.75%
```

Run 4: Report of Copa — Data Link

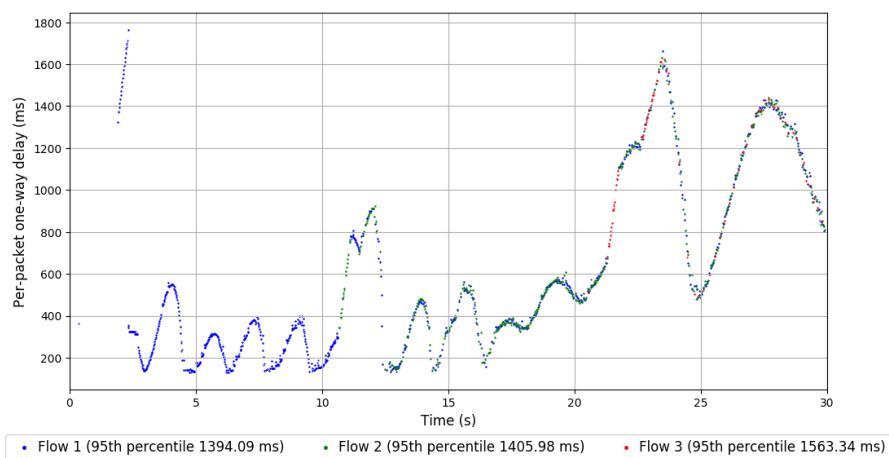
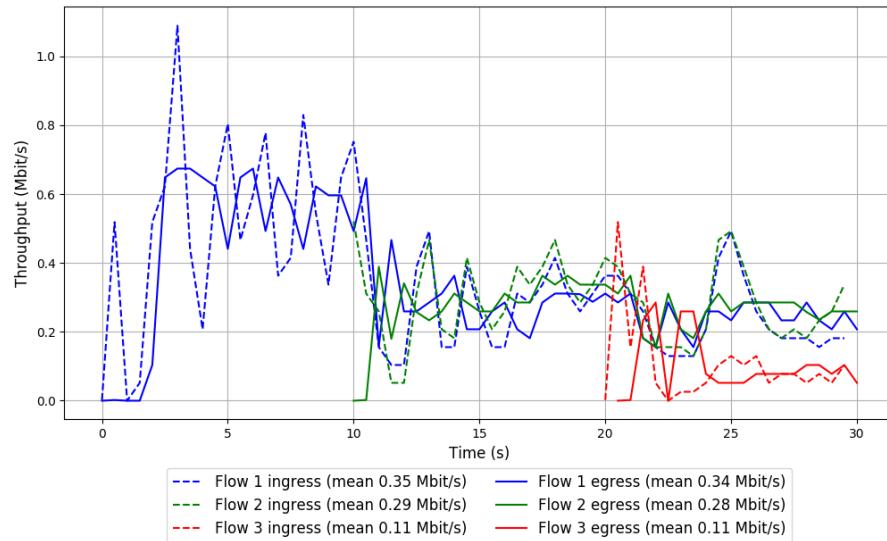


Run 5: Statistics of Copa

```
Start at: 2018-05-25 09:00:26
End at: 2018-05-25 09:00:56
Local clock offset: -2.451 ms
Remote clock offset: 5.025 ms

# Below is generated by plot.py at 2018-05-25 10:39:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 1413.340 ms
Loss rate: 2.94%
-- Flow 1:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 1394.087 ms
Loss rate: 1.51%
-- Flow 2:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 1405.981 ms
Loss rate: 4.73%
-- Flow 3:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 1563.340 ms
Loss rate: 7.14%
```

Run 5: Report of Copa — Data Link

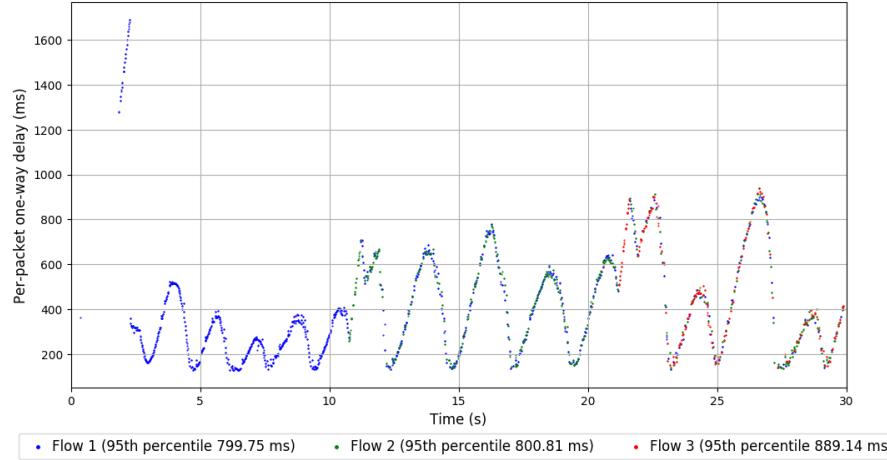
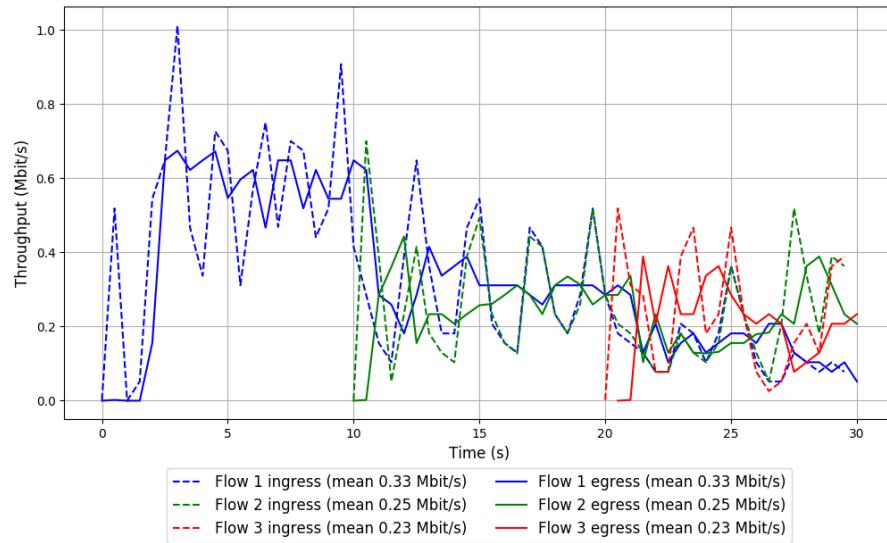


Run 6: Statistics of Copa

```
Start at: 2018-05-25 09:19:27
End at: 2018-05-25 09:19:57
Local clock offset: -3.676 ms
Remote clock offset: 3.312 ms

# Below is generated by plot.py at 2018-05-25 10:39:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 840.370 ms
Loss rate: 2.51%
-- Flow 1:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 799.750 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 800.807 ms
Loss rate: 3.91%
-- Flow 3:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 889.142 ms
Loss rate: 8.38%
```

Run 6: Report of Copa — Data Link

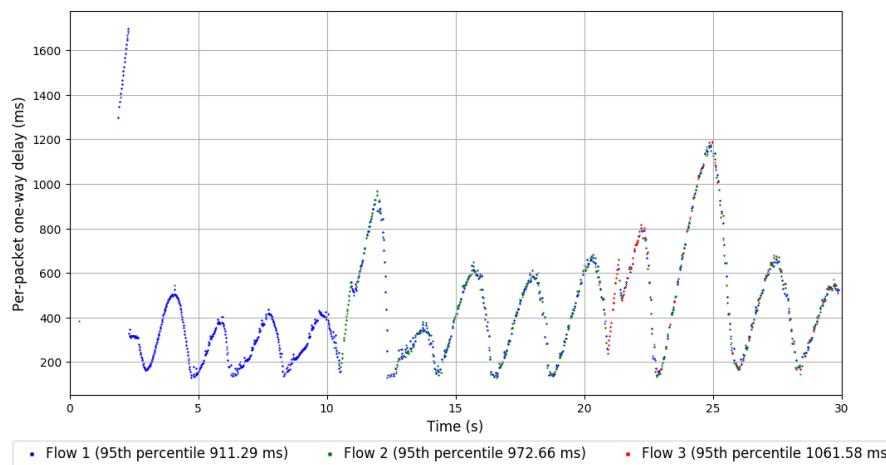
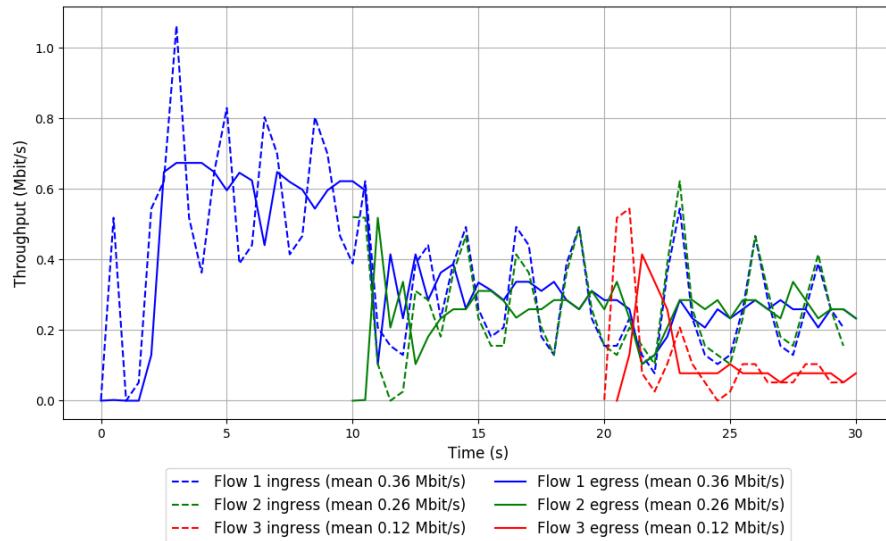


Run 7: Statistics of Copa

```
Start at: 2018-05-25 09:38:30
End at: 2018-05-25 09:39:00
Local clock offset: -5.495 ms
Remote clock offset: 3.537 ms

# Below is generated by plot.py at 2018-05-25 10:39:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 959.787 ms
Loss rate: 1.59%
-- Flow 1:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 911.288 ms
Loss rate: 1.21%
-- Flow 2:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 972.659 ms
Loss rate: 2.24%
-- Flow 3:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 1061.581 ms
Loss rate: 2.22%
```

Run 7: Report of Copa — Data Link

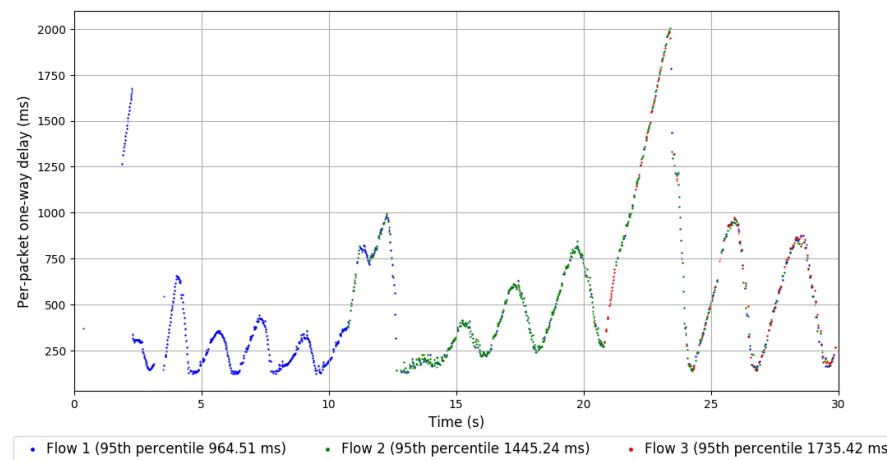
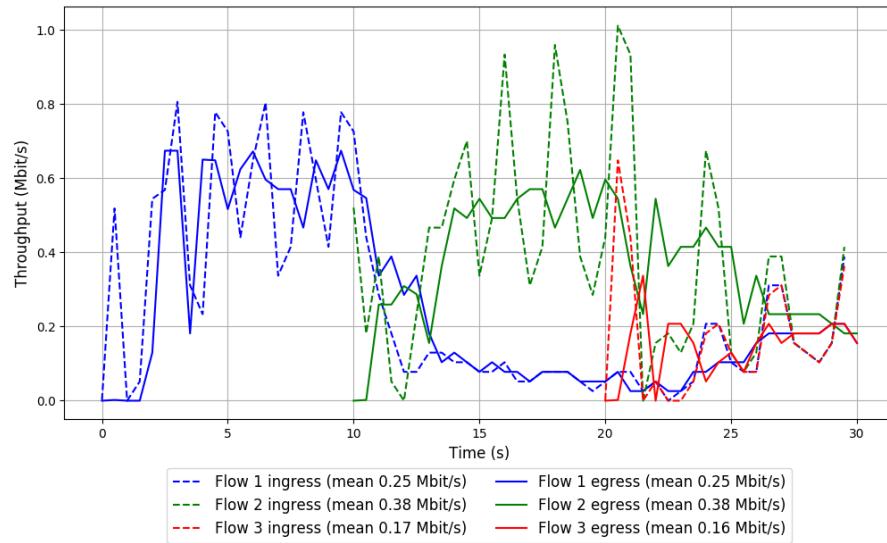


Run 8: Statistics of Copa

```
Start at: 2018-05-25 09:57:35
End at: 2018-05-25 09:58:05
Local clock offset: -6.9 ms
Remote clock offset: 14.532 ms

# Below is generated by plot.py at 2018-05-25 10:39:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 1406.732 ms
Loss rate: 2.67%
-- Flow 1:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 964.506 ms
Loss rate: 2.04%
-- Flow 2:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 1445.244 ms
Loss rate: 2.03%
-- Flow 3:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 1735.418 ms
Loss rate: 8.46%
```

Run 8: Report of Copa — Data Link

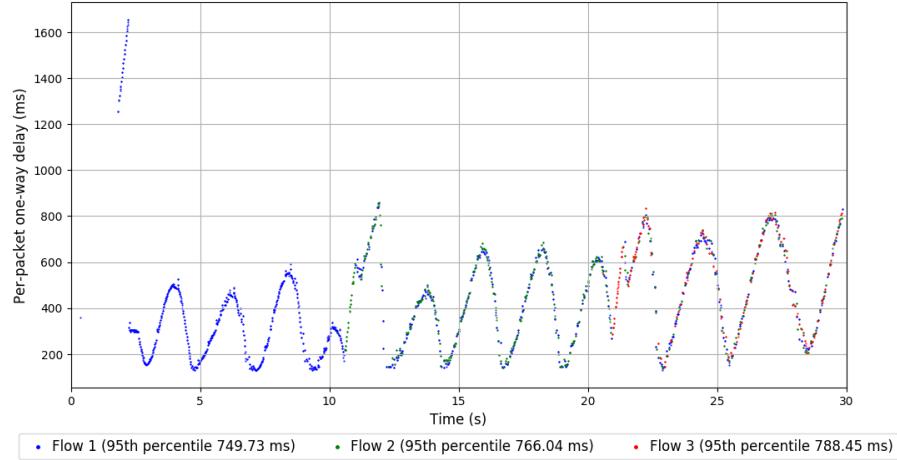
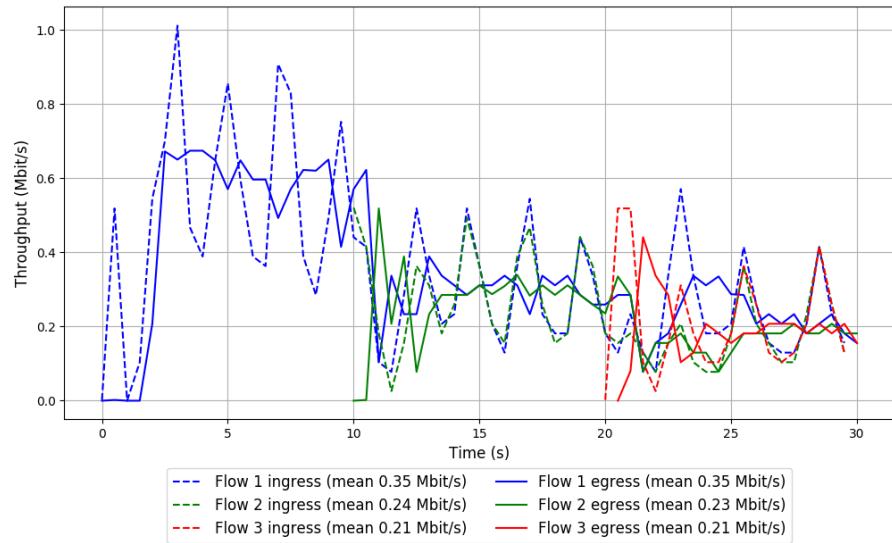


Run 9: Statistics of Copa

```
Start at: 2018-05-25 10:16:38
End at: 2018-05-25 10:17:08
Local clock offset: -2.937 ms
Remote clock offset: 13.653 ms

# Below is generated by plot.py at 2018-05-25 10:39:04
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 770.739 ms
Loss rate: 3.15%
-- Flow 1:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 749.732 ms
Loss rate: 1.73%
-- Flow 2:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 766.039 ms
Loss rate: 3.87%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 788.447 ms
Loss rate: 8.64%
```

Run 9: Report of Copa — Data Link

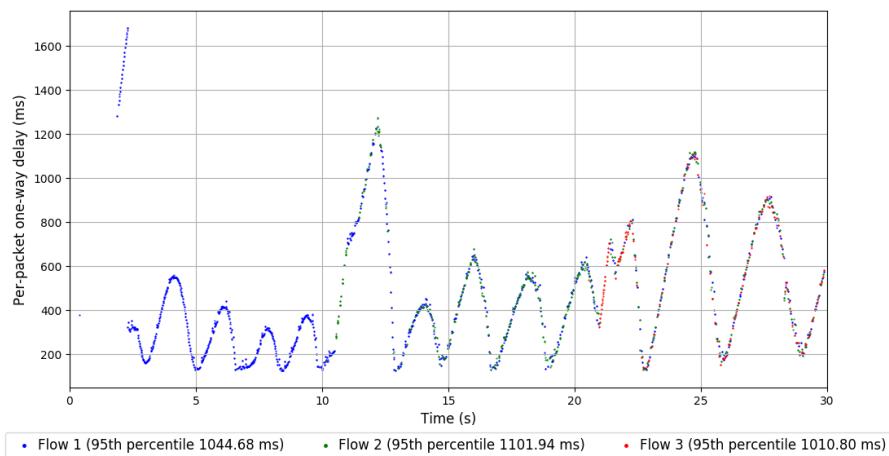
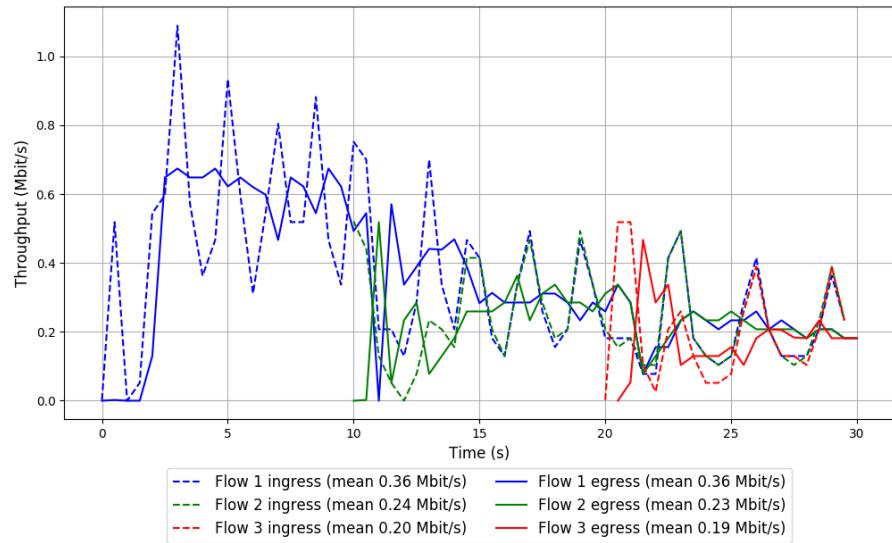


Run 10: Statistics of Copa

```
Start at: 2018-05-25 10:35:40
End at: 2018-05-25 10:36:10
Local clock offset: -3.358 ms
Remote clock offset: 19.963 ms

# Below is generated by plot.py at 2018-05-25 10:39:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 1063.736 ms
Loss rate: 3.19%
-- Flow 1:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 1044.678 ms
Loss rate: 1.70%
-- Flow 2:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 1101.941 ms
Loss rate: 4.06%
-- Flow 3:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 1010.798 ms
Loss rate: 9.09%
```

Run 10: Report of Copa — Data Link

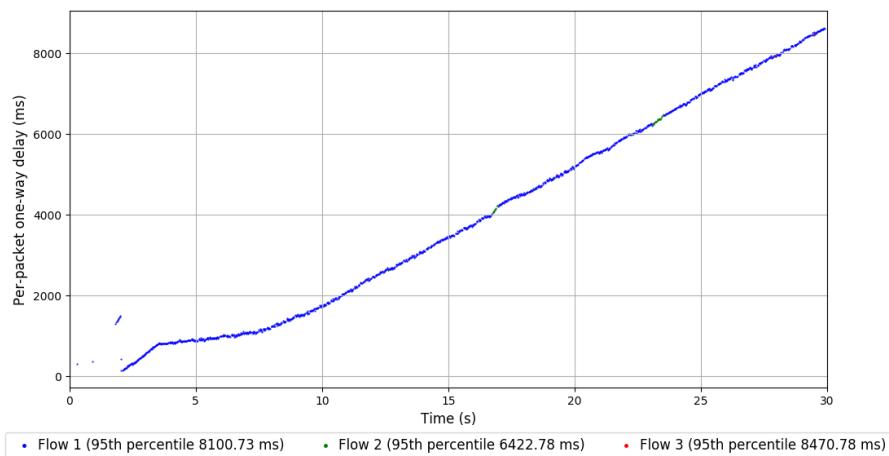
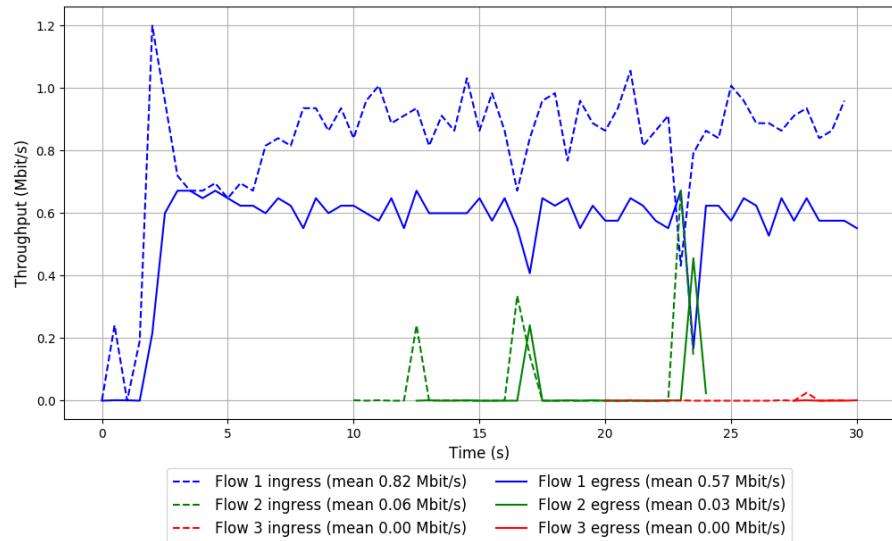


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2018-05-25 07:43:06
End at: 2018-05-25 07:43:36
Local clock offset: -1.765 ms
Remote clock offset: 7.677 ms

# Below is generated by plot.py at 2018-05-25 10:39:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 8100.729 ms
Loss rate: 31.59%
-- Flow 1:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 8100.729 ms
Loss rate: 30.88%
-- Flow 2:
Average throughput: 0.03 Mbit/s
95th percentile per-packet one-way delay: 6422.779 ms
Loss rate: 52.83%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 8470.776 ms
Loss rate: 91.06%
```

Run 1: Report of TCP Cubic — Data Link

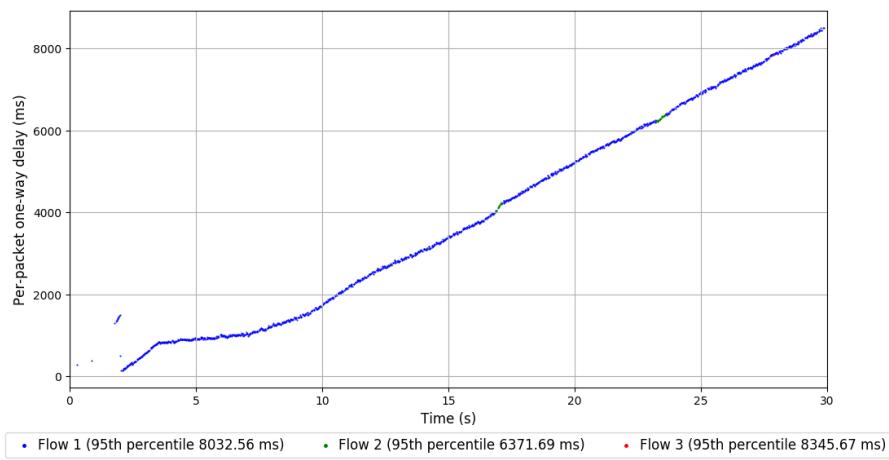
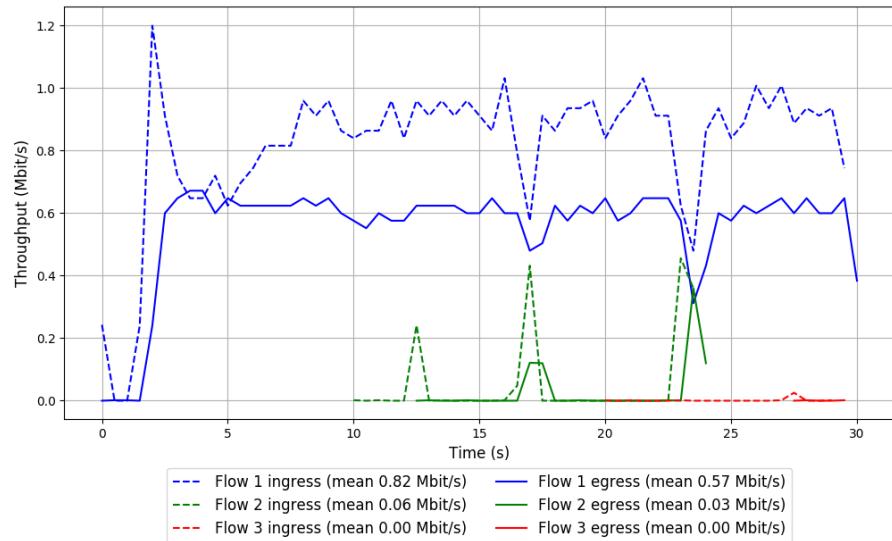


Run 2: Statistics of TCP Cubic

```
Start at: 2018-05-25 08:02:07
End at: 2018-05-25 08:02:37
Local clock offset: -2.278 ms
Remote clock offset: 9.965 ms

# Below is generated by plot.py at 2018-05-25 10:39:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 8032.543 ms
Loss rate: 31.69%
-- Flow 1:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 8032.557 ms
Loss rate: 30.98%
-- Flow 2:
Average throughput: 0.03 Mbit/s
95th percentile per-packet one-way delay: 6371.690 ms
Loss rate: 52.87%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 8345.669 ms
Loss rate: 90.68%
```

Run 2: Report of TCP Cubic — Data Link

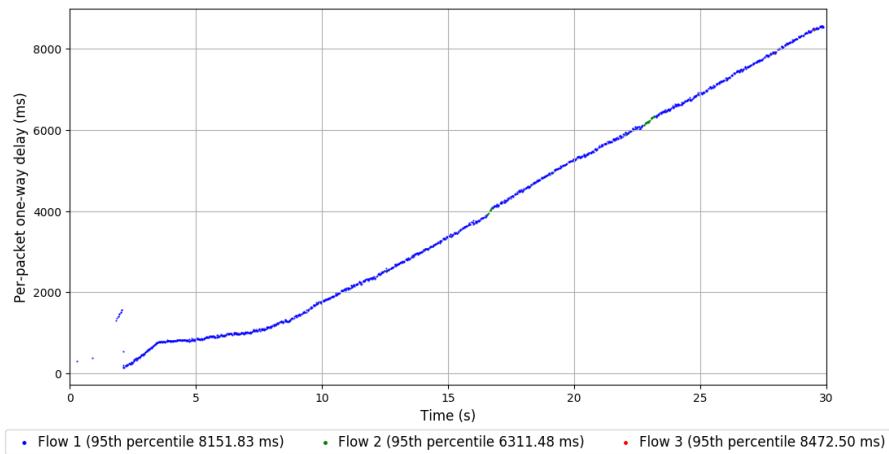
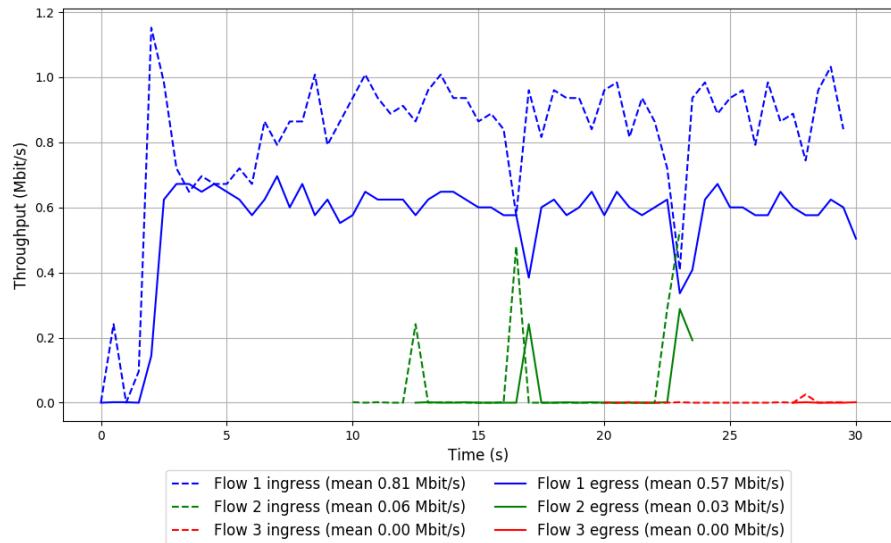


```
Run 3: Statistics of TCP Cubic
```

```
Start at: 2018-05-25 08:21:08
End at: 2018-05-25 08:21:38
Local clock offset: -2.883 ms
Remote clock offset: 7.686 ms

# Below is generated by plot.py at 2018-05-25 10:39:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 8151.516 ms
Loss rate: 31.54%
-- Flow 1:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 8151.831 ms
Loss rate: 30.82%
-- Flow 2:
Average throughput: 0.03 Mbit/s
95th percentile per-packet one-way delay: 6311.481 ms
Loss rate: 52.83%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 8472.505 ms
Loss rate: 91.06%
```

Run 3: Report of TCP Cubic — Data Link

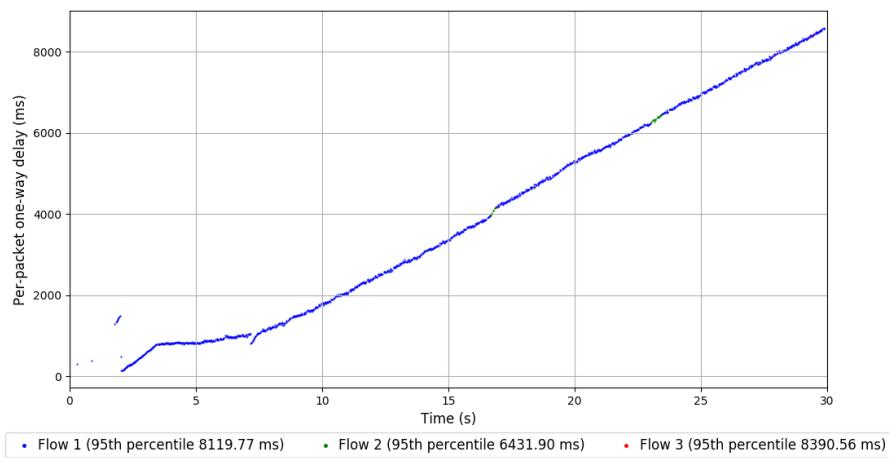
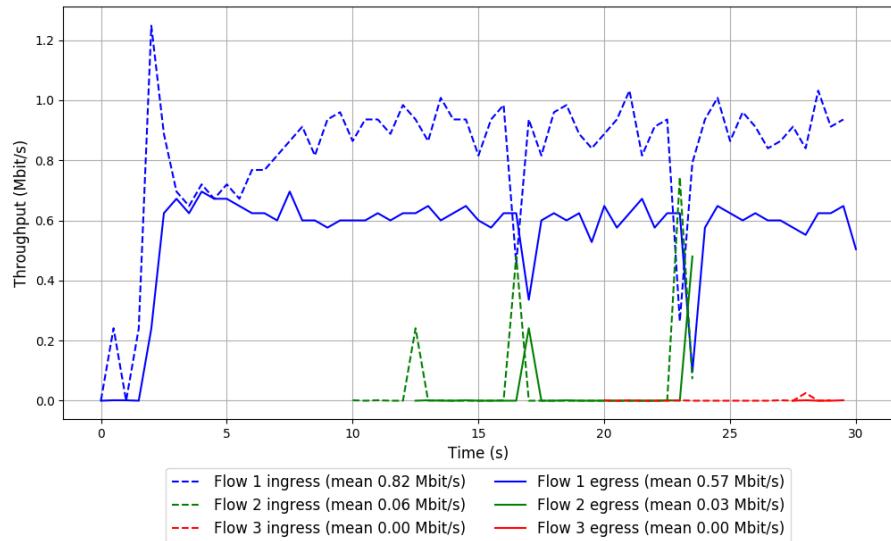


Run 4: Statistics of TCP Cubic

```
Start at: 2018-05-25 08:40:09
End at: 2018-05-25 08:40:39
Local clock offset: -2.312 ms
Remote clock offset: 7.882 ms

# Below is generated by plot.py at 2018-05-25 10:39:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.59 Mbit/s
95th percentile per-packet one-way delay: 8109.947 ms
Loss rate: 31.56%
-- Flow 1:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 8119.772 ms
Loss rate: 30.85%
-- Flow 2:
Average throughput: 0.03 Mbit/s
95th percentile per-packet one-way delay: 6431.902 ms
Loss rate: 52.87%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 8390.564 ms
Loss rate: 90.68%
```

Run 4: Report of TCP Cubic — Data Link

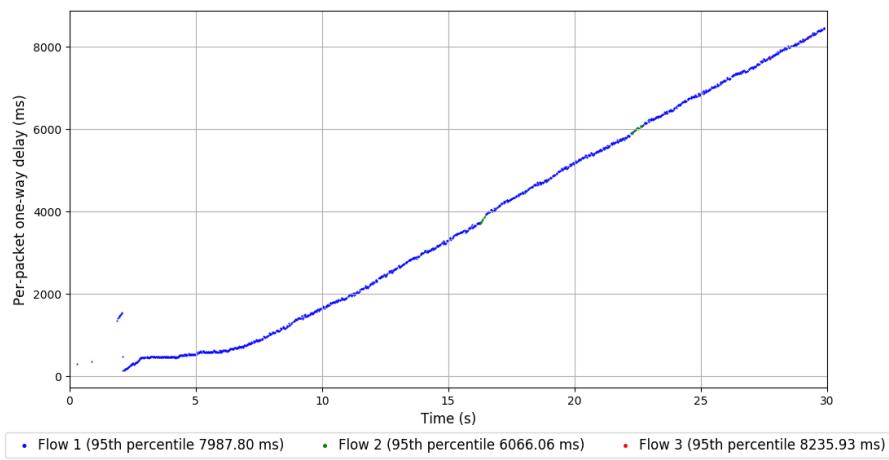
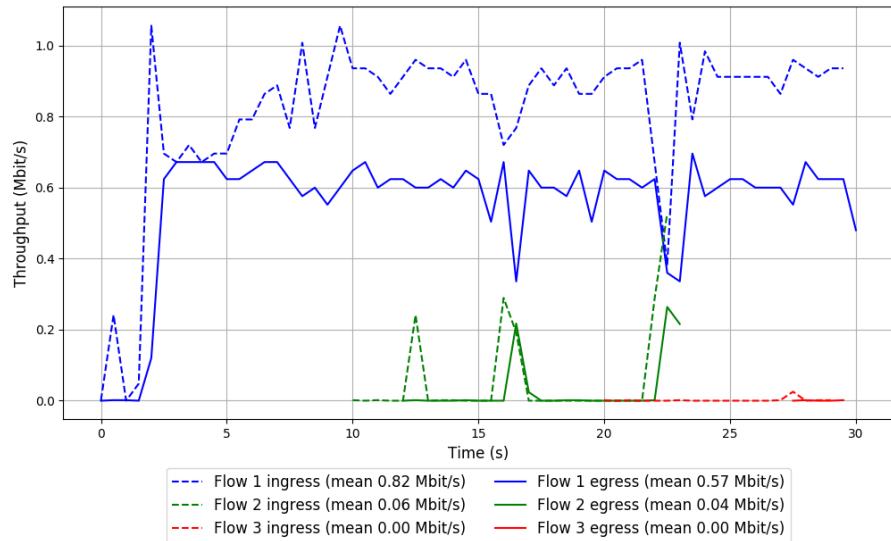


Run 5: Statistics of TCP Cubic

```
Start at: 2018-05-25 08:59:14
End at: 2018-05-25 08:59:44
Local clock offset: -2.39 ms
Remote clock offset: 4.917 ms

# Below is generated by plot.py at 2018-05-25 10:39:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.59 Mbit/s
95th percentile per-packet one-way delay: 7987.782 ms
Loss rate: 31.40%
-- Flow 1:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 7987.795 ms
Loss rate: 30.68%
-- Flow 2:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 6066.064 ms
Loss rate: 52.83%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 8235.931 ms
Loss rate: 91.06%
```

Run 5: Report of TCP Cubic — Data Link

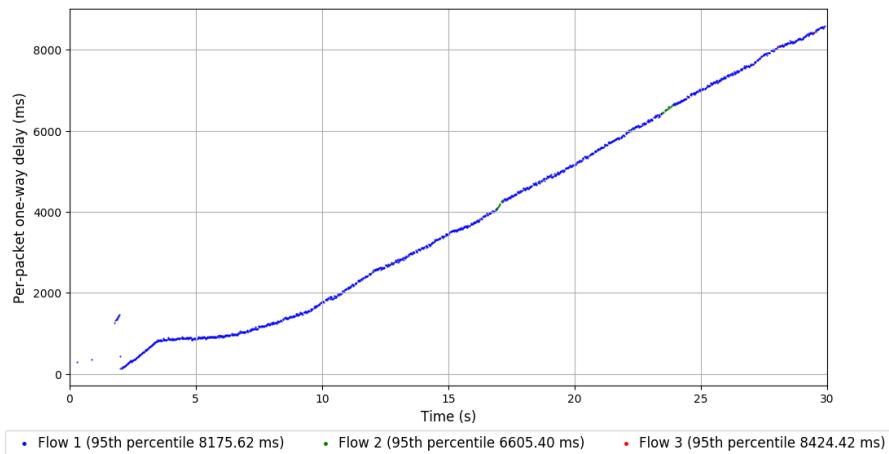
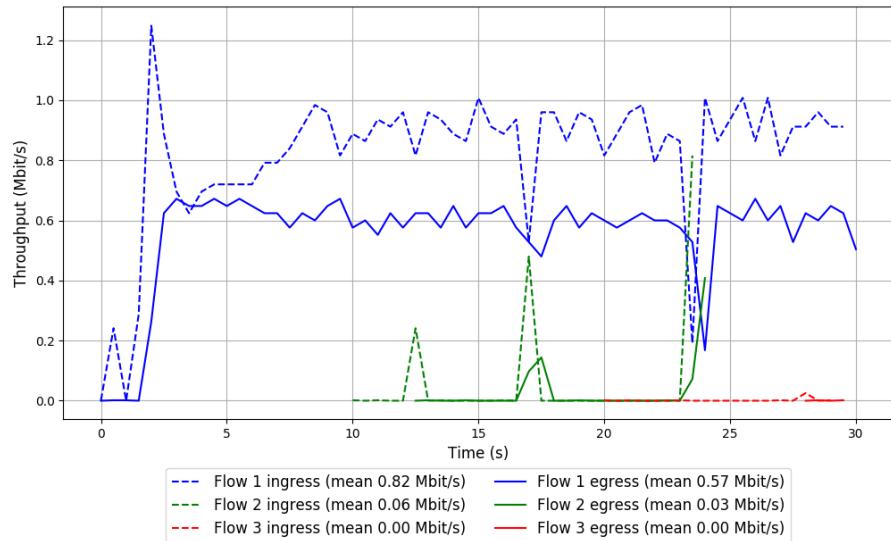


Run 6: Statistics of TCP Cubic

```
Start at: 2018-05-25 09:18:16
End at: 2018-05-25 09:18:46
Local clock offset: -2.124 ms
Remote clock offset: 4.315 ms

# Below is generated by plot.py at 2018-05-25 10:39:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.59 Mbit/s
95th percentile per-packet one-way delay: 8175.552 ms
Loss rate: 31.58%
-- Flow 1:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 8175.616 ms
Loss rate: 30.87%
-- Flow 2:
Average throughput: 0.03 Mbit/s
95th percentile per-packet one-way delay: 6605.401 ms
Loss rate: 52.87%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 8424.415 ms
Loss rate: 90.68%
```

Run 6: Report of TCP Cubic — Data Link

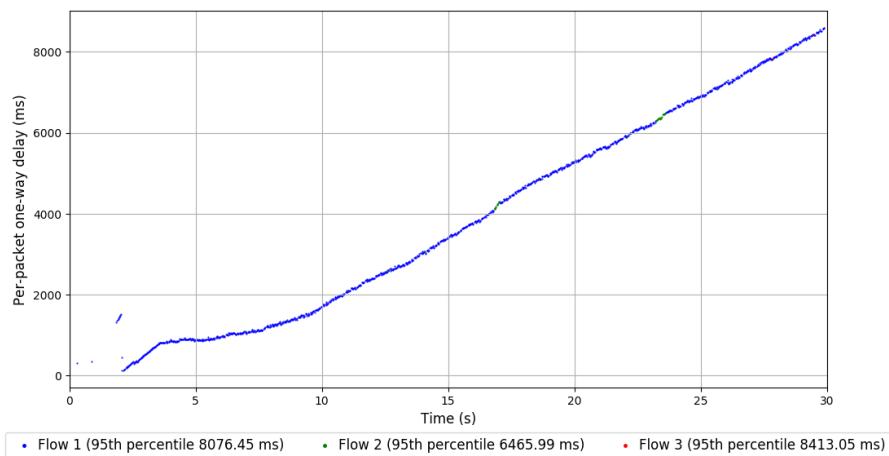
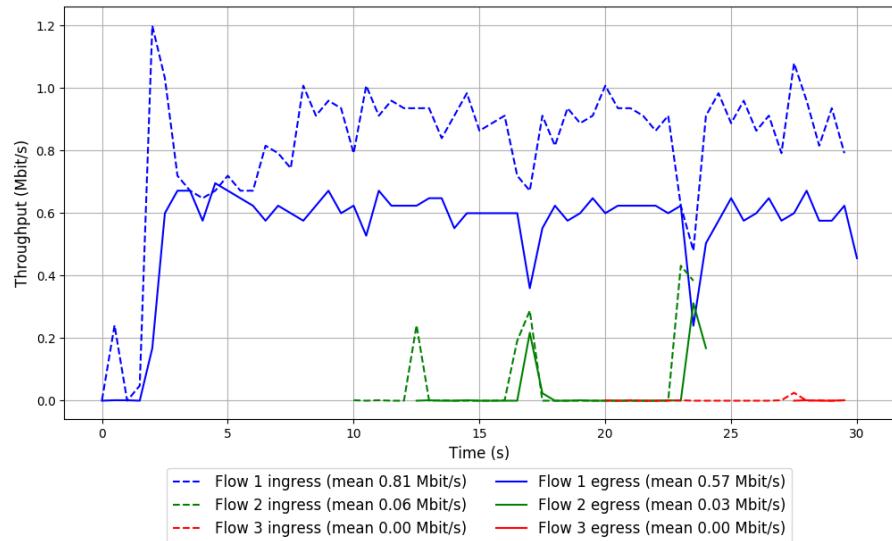


Run 7: Statistics of TCP Cubic

```
Start at: 2018-05-25 09:37:18
End at: 2018-05-25 09:37:48
Local clock offset: -5.276 ms
Remote clock offset: 7.374 ms

# Below is generated by plot.py at 2018-05-25 10:39:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 8066.421 ms
Loss rate: 31.62%
-- Flow 1:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 8076.449 ms
Loss rate: 30.90%
-- Flow 2:
Average throughput: 0.03 Mbit/s
95th percentile per-packet one-way delay: 6465.994 ms
Loss rate: 52.87%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 8413.045 ms
Loss rate: 91.06%
```

Run 7: Report of TCP Cubic — Data Link

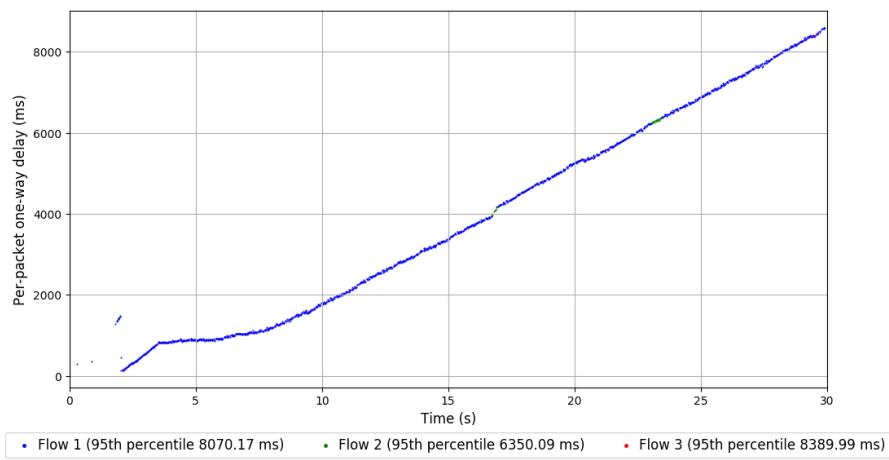
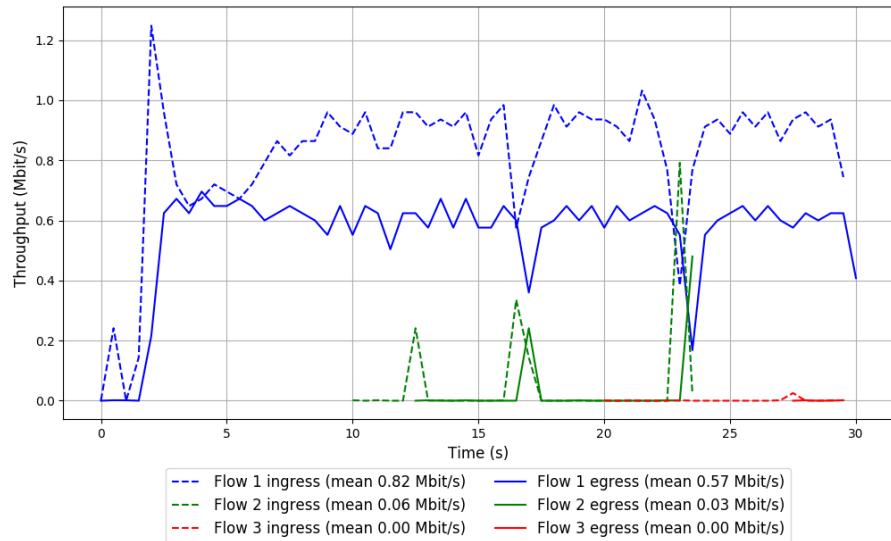


Run 8: Statistics of TCP Cubic

```
Start at: 2018-05-25 09:56:23
End at: 2018-05-25 09:56:53
Local clock offset: -8.234 ms
Remote clock offset: 13.194 ms

# Below is generated by plot.py at 2018-05-25 10:39:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 8060.106 ms
Loss rate: 31.58%
-- Flow 1:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 8070.172 ms
Loss rate: 30.86%
-- Flow 2:
Average throughput: 0.03 Mbit/s
95th percentile per-packet one-way delay: 6350.093 ms
Loss rate: 52.87%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 8389.993 ms
Loss rate: 91.06%
```

Run 8: Report of TCP Cubic — Data Link

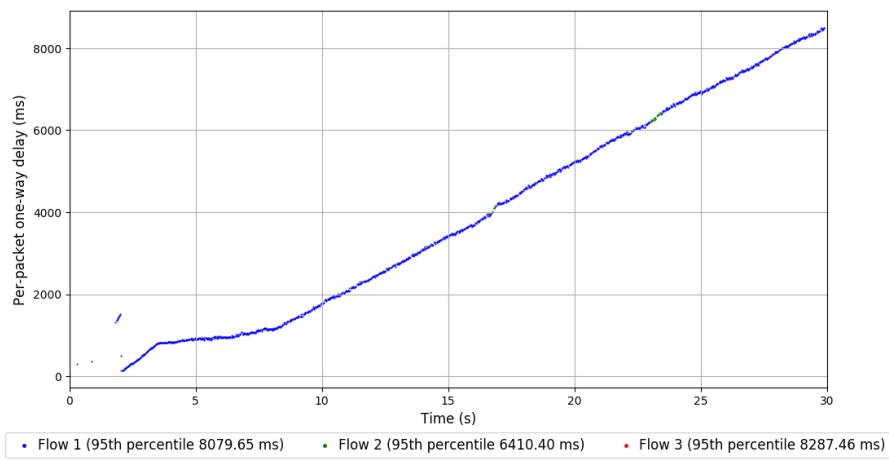
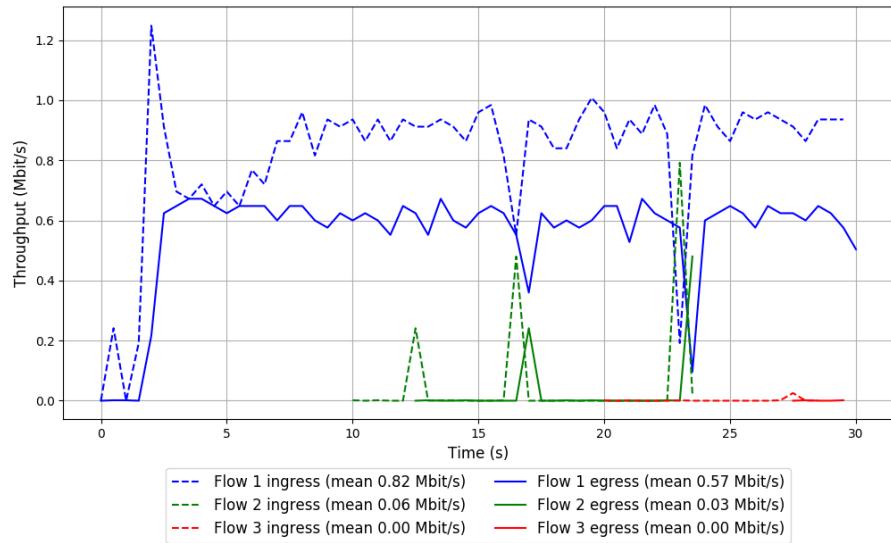


Run 9: Statistics of TCP Cubic

```
Start at: 2018-05-25 10:15:27
End at: 2018-05-25 10:15:57
Local clock offset: -3.007 ms
Remote clock offset: 12.648 ms

# Below is generated by plot.py at 2018-05-25 10:39:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.59 Mbit/s
95th percentile per-packet one-way delay: 8059.628 ms
Loss rate: 31.56%
-- Flow 1:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 8079.649 ms
Loss rate: 30.85%
-- Flow 2:
Average throughput: 0.03 Mbit/s
95th percentile per-packet one-way delay: 6410.405 ms
Loss rate: 52.83%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 8287.458 ms
Loss rate: 90.68%
```

Run 9: Report of TCP Cubic — Data Link

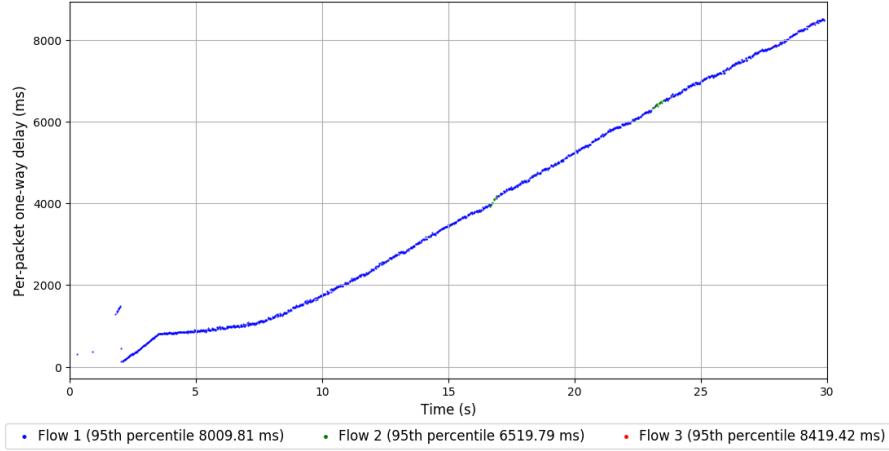
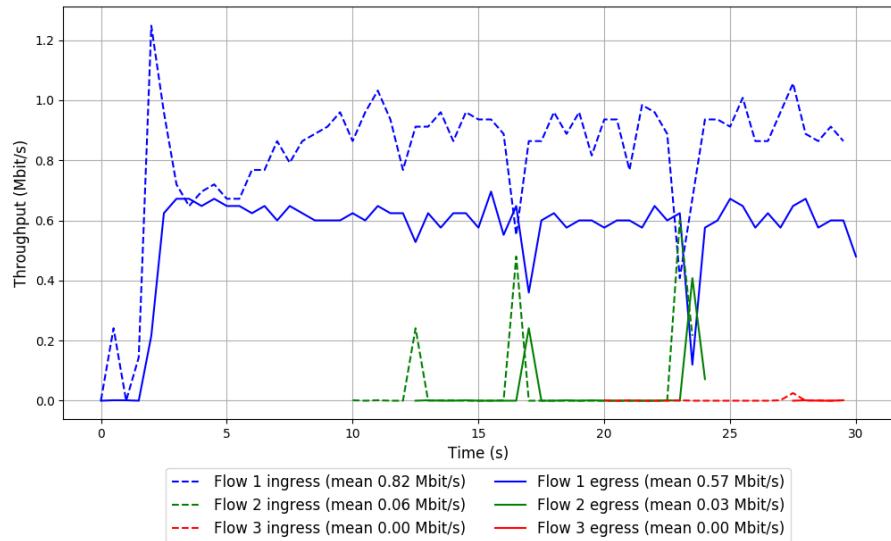


Run 10: Statistics of TCP Cubic

```
Start at: 2018-05-25 10:34:28
End at: 2018-05-25 10:34:58
Local clock offset: -2.524 ms
Remote clock offset: 19.835 ms

# Below is generated by plot.py at 2018-05-25 10:39:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 8009.810 ms
Loss rate: 31.58%
-- Flow 1:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 8009.810 ms
Loss rate: 30.87%
-- Flow 2:
Average throughput: 0.03 Mbit/s
95th percentile per-packet one-way delay: 6519.790 ms
Loss rate: 52.83%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 8419.416 ms
Loss rate: 91.06%
```

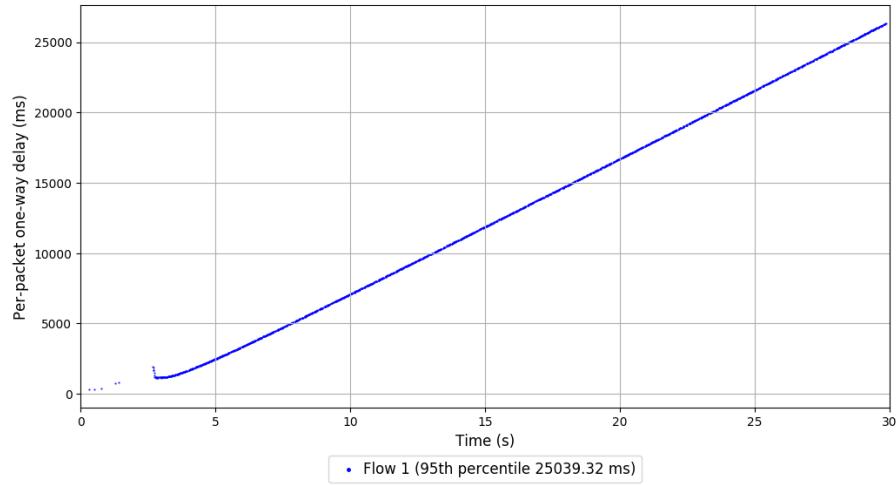
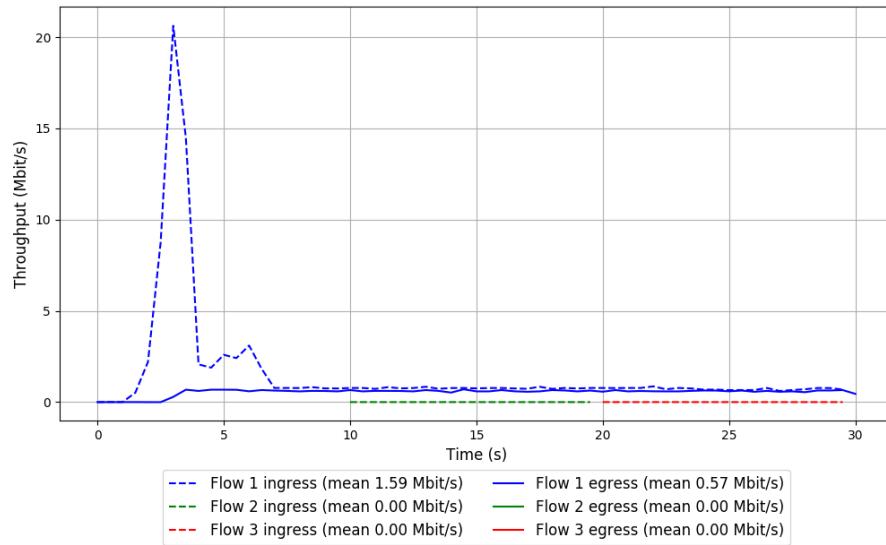
Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of FillP

Start at: 2018-05-25 07:34:47
End at: 2018-05-25 07:35:17
Local clock offset: -1.456 ms
Remote clock offset: 3.281 ms

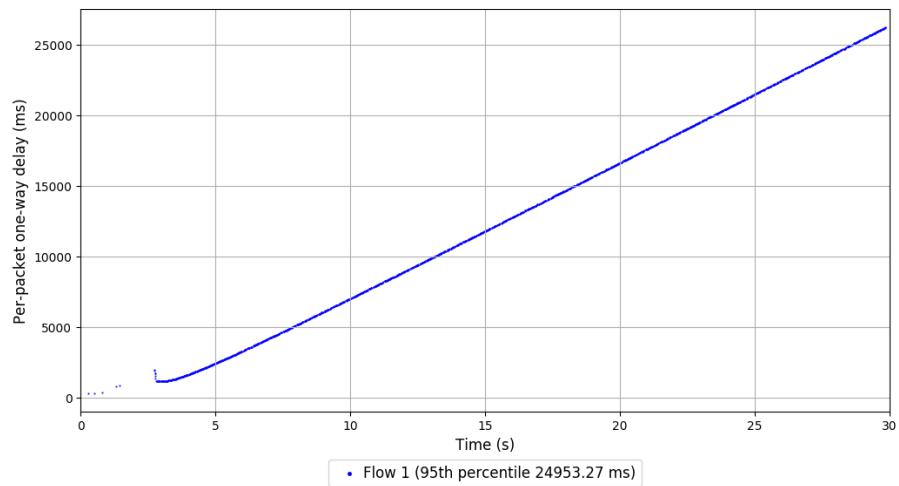
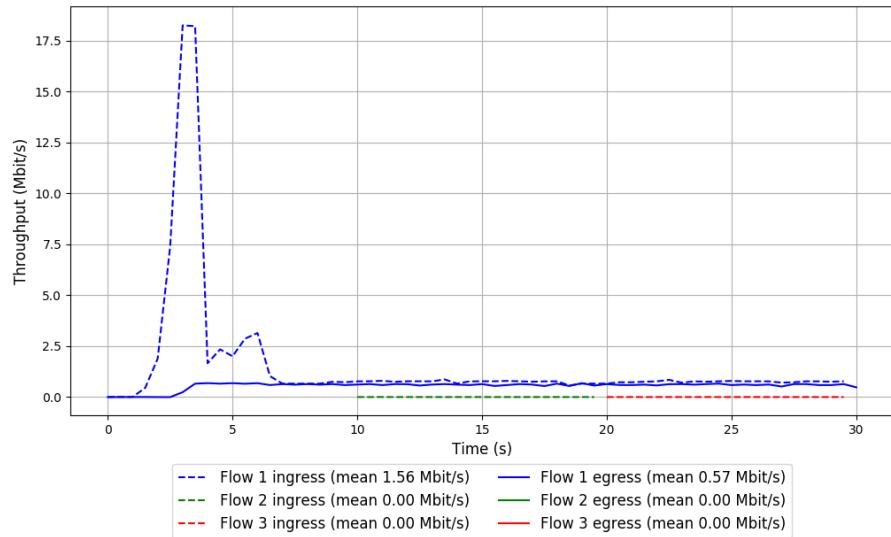
Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2018-05-25 07:53:48
End at: 2018-05-25 07:54:18
Local clock offset: -1.637 ms
Remote clock offset: 5.121 ms

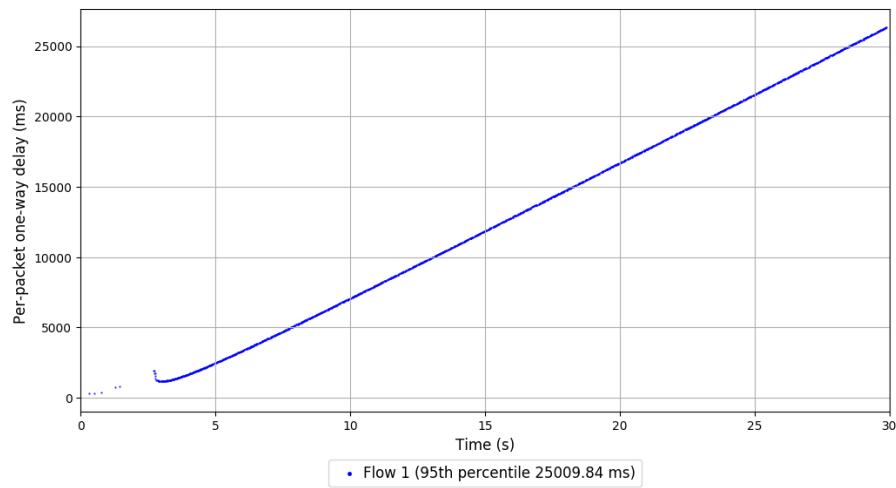
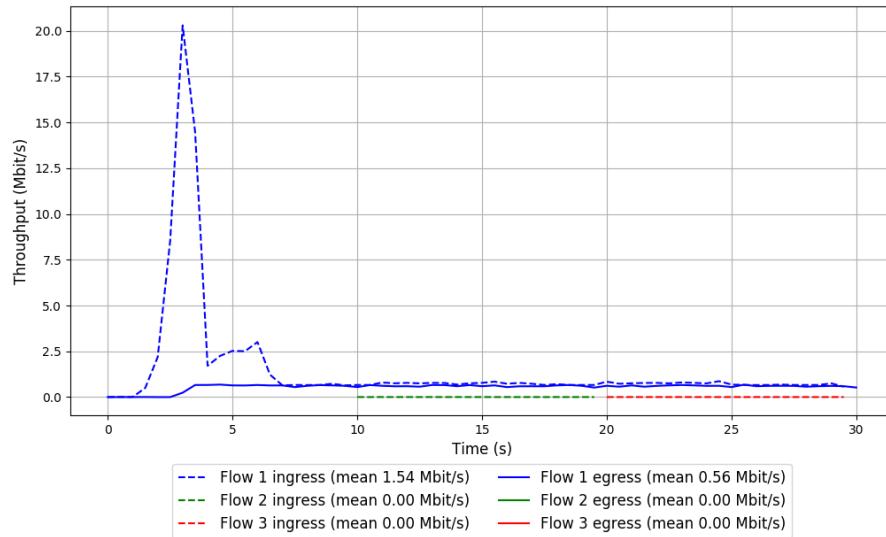
Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2018-05-25 08:12:50
End at: 2018-05-25 08:13:20
Local clock offset: -2.878 ms
Remote clock offset: 4.2 ms

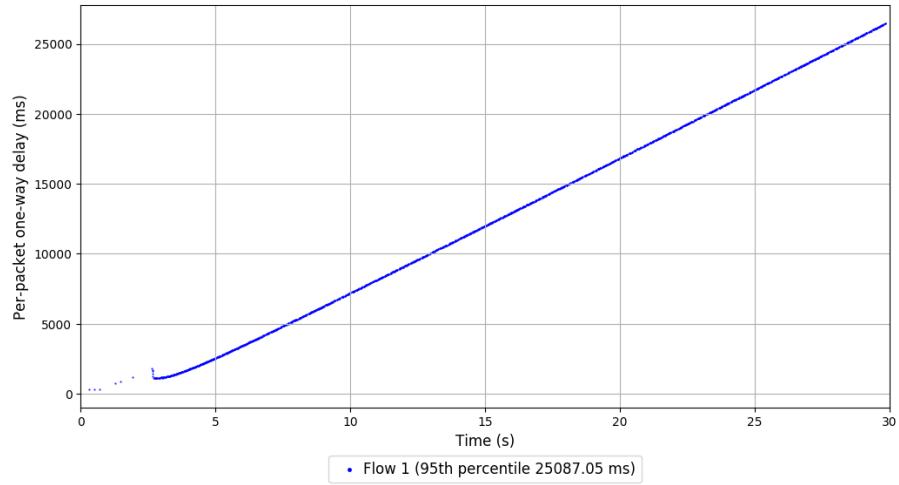
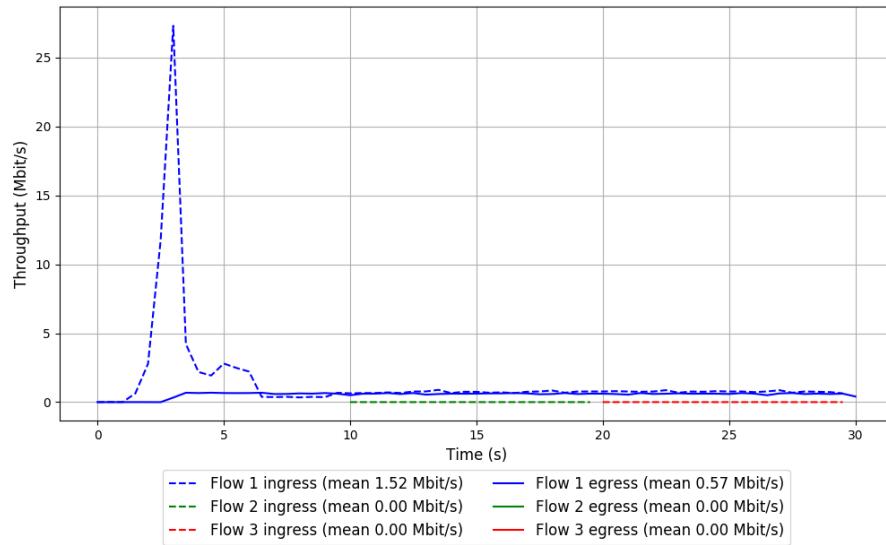
Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2018-05-25 08:31:50
End at: 2018-05-25 08:32:20
Local clock offset: -2.624 ms
Remote clock offset: 7.431 ms

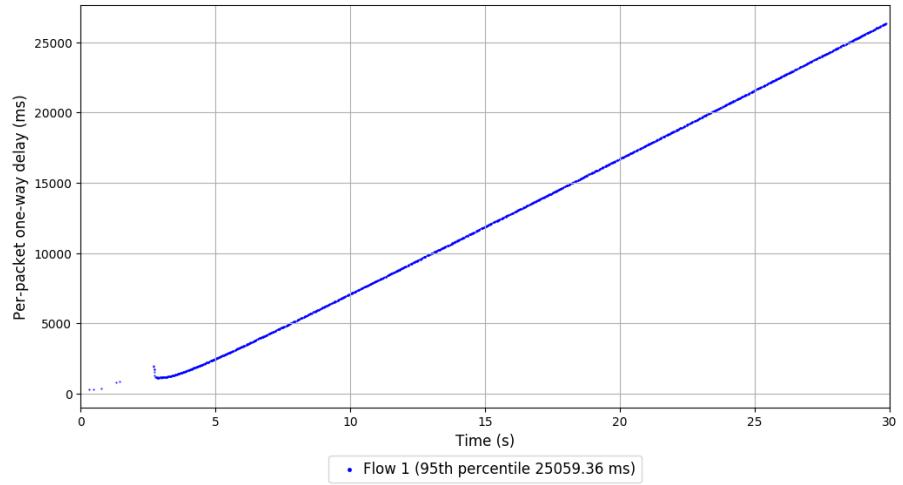
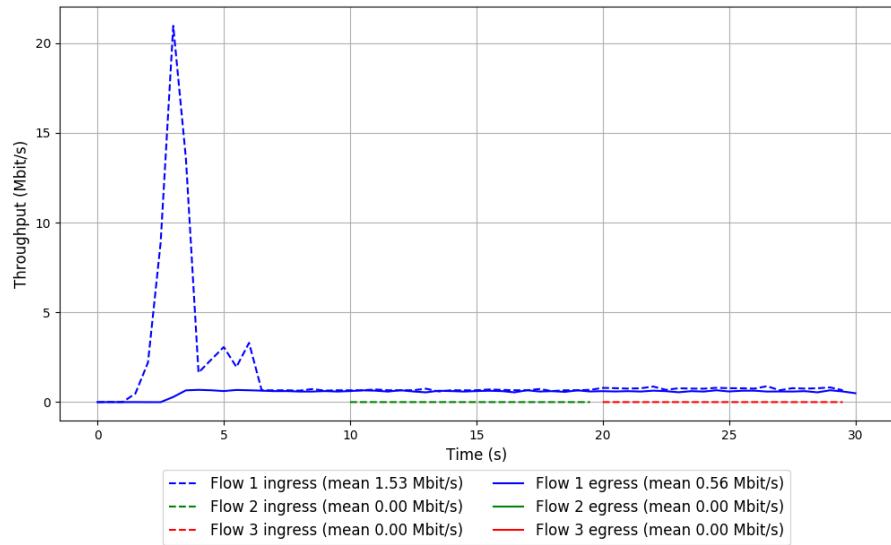
Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2018-05-25 08:50:56
End at: 2018-05-25 08:51:26
Local clock offset: -2.115 ms
Remote clock offset: 3.906 ms

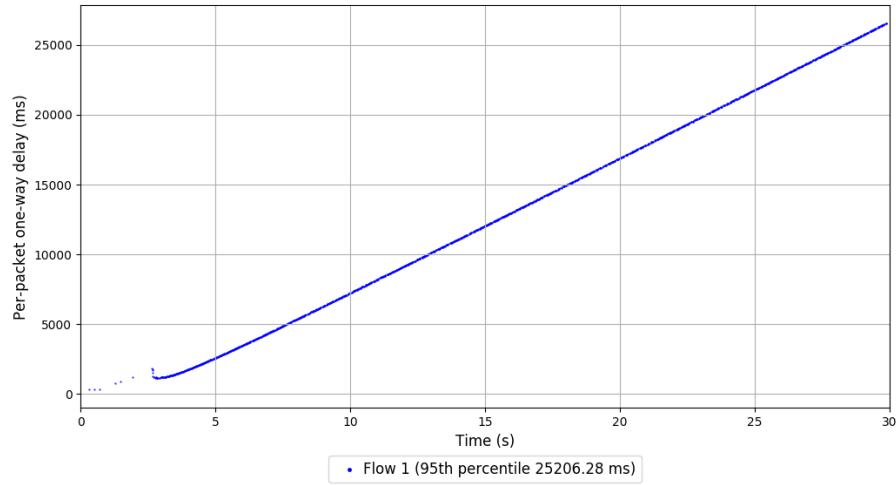
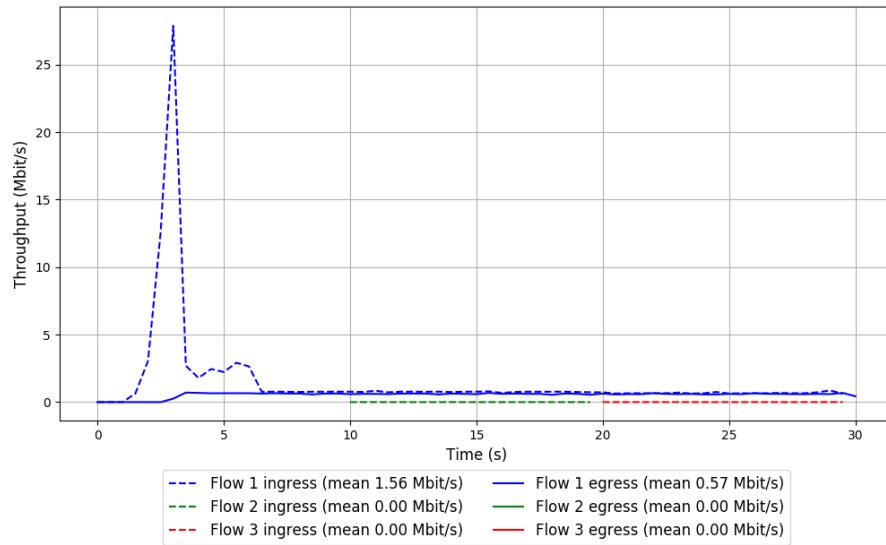
Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2018-05-25 09:09:56
End at: 2018-05-25 09:10:26
Local clock offset: -2.742 ms
Remote clock offset: 8.863 ms

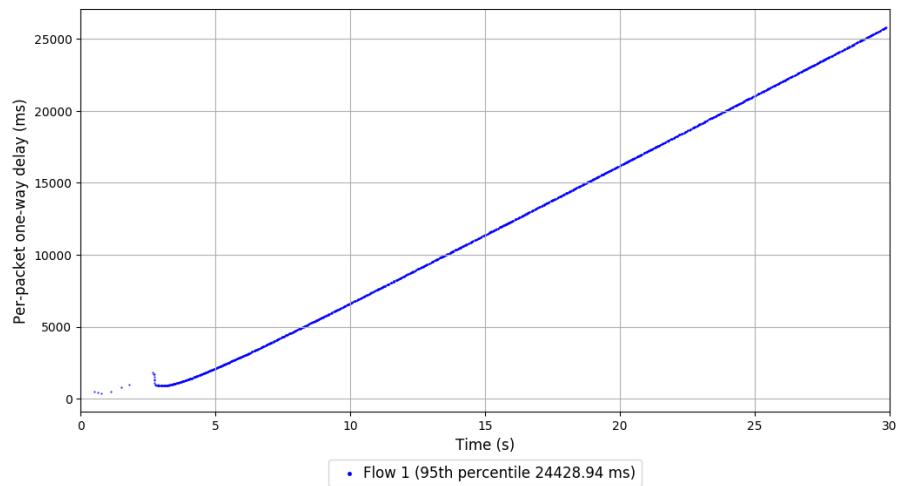
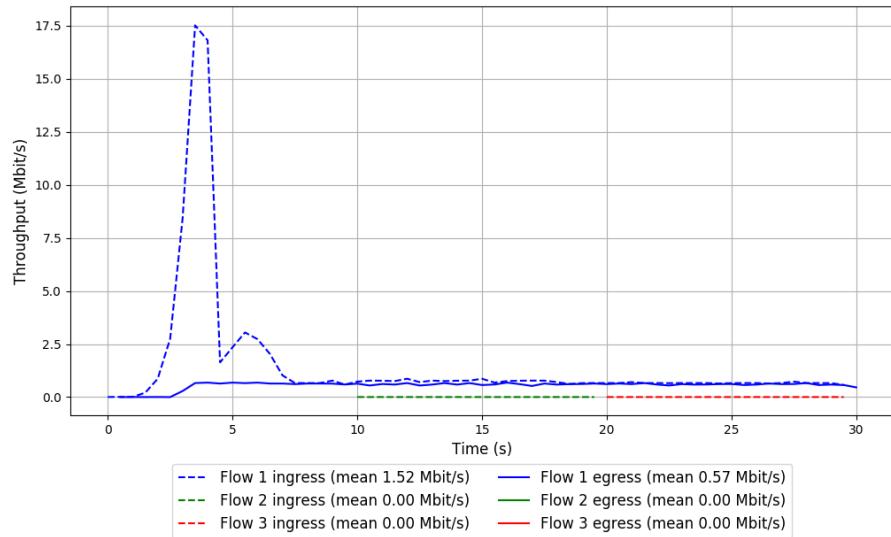
Run 6: Report of FillP — Data Link



Run 7: Statistics of FillP

Start at: 2018-05-25 09:28:59
End at: 2018-05-25 09:29:29
Local clock offset: -4.961 ms
Remote clock offset: 3.623 ms

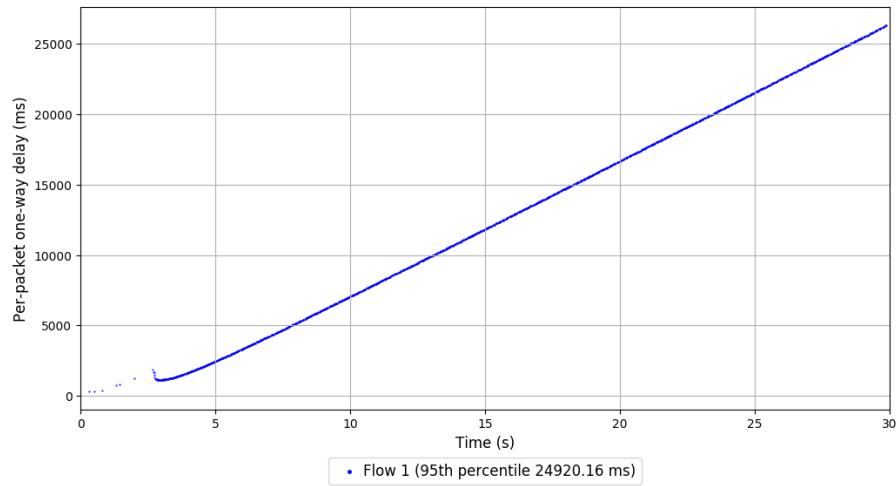
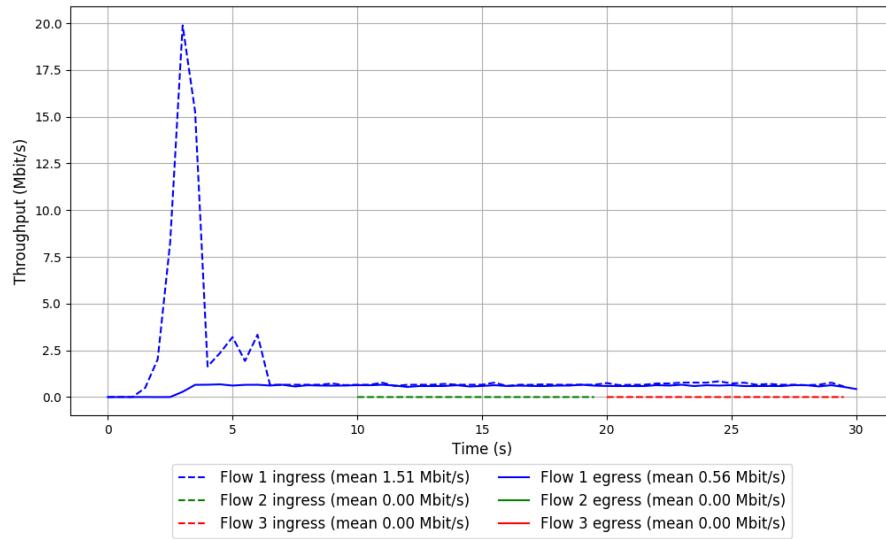
Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-05-25 09:48:01
End at: 2018-05-25 09:48:31
Local clock offset: -7.254 ms
Remote clock offset: 4.999 ms

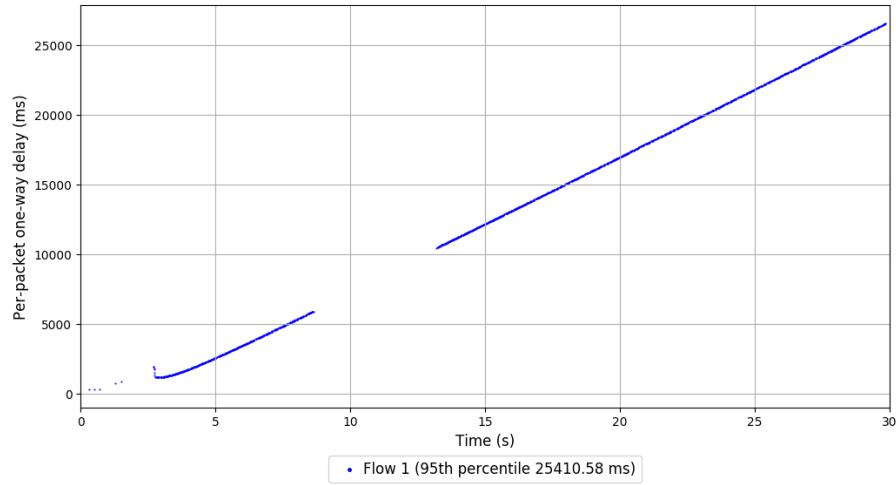
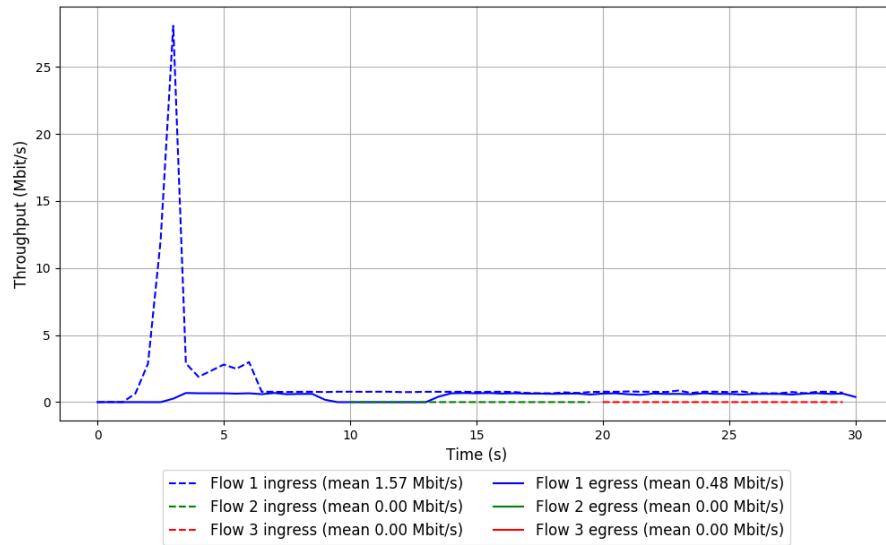
Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-05-25 10:07:07
End at: 2018-05-25 10:07:37
Local clock offset: -4.025 ms
Remote clock offset: 12.108 ms

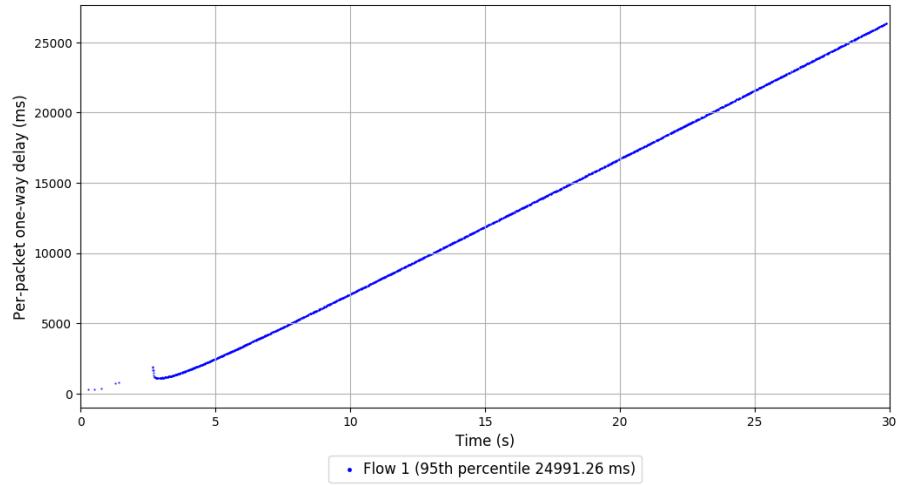
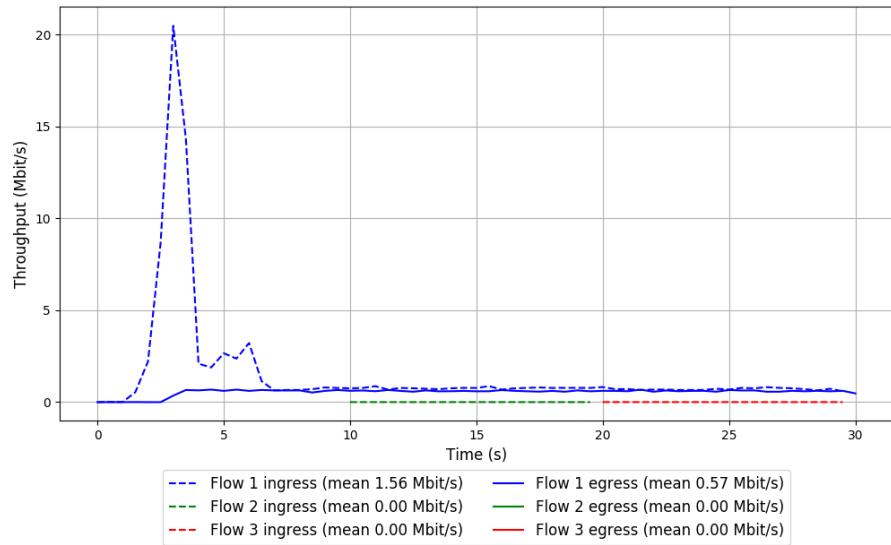
Run 9: Report of FillP — Data Link



Run 10: Statistics of FillP

Start at: 2018-05-25 10:26:09
End at: 2018-05-25 10:26:39
Local clock offset: -2.503 ms
Remote clock offset: 17.94 ms

Run 10: Report of FillP — Data Link

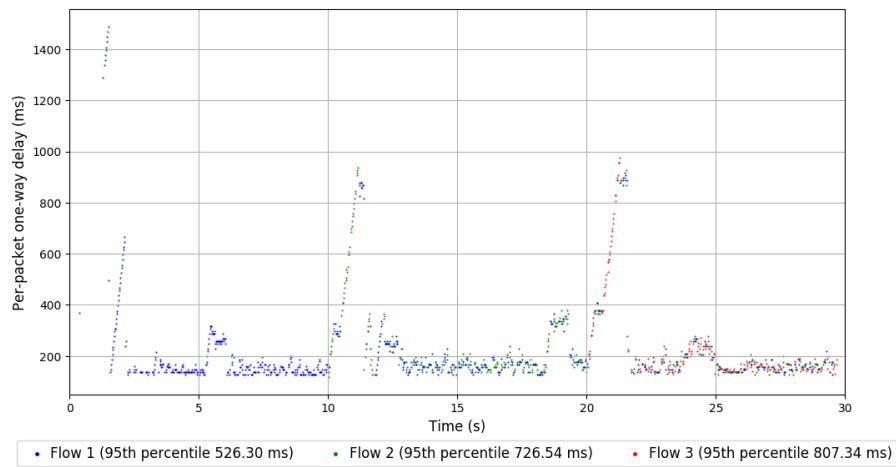
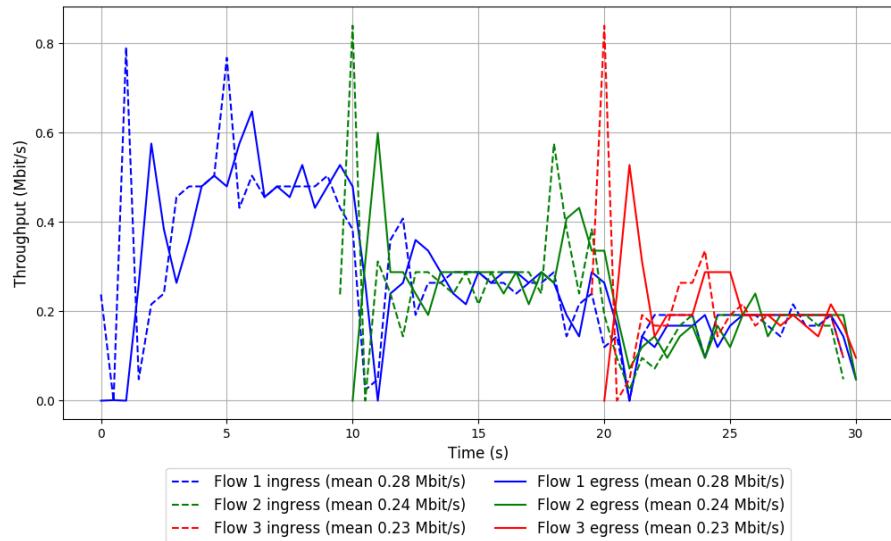


Run 1: Statistics of Indigo

```
Start at: 2018-05-25 07:40:43
End at: 2018-05-25 07:41:13
Local clock offset: -1.642 ms
Remote clock offset: 8.375 ms

# Below is generated by plot.py at 2018-05-25 10:39:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.52 Mbit/s
95th percentile per-packet one-way delay: 686.683 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 526.297 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 726.545 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 807.336 ms
Loss rate: 2.14%
```

Run 1: Report of Indigo — Data Link

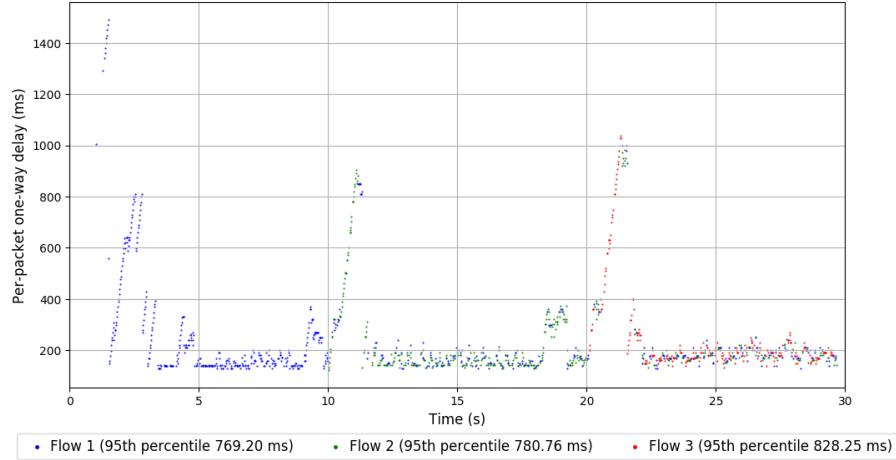
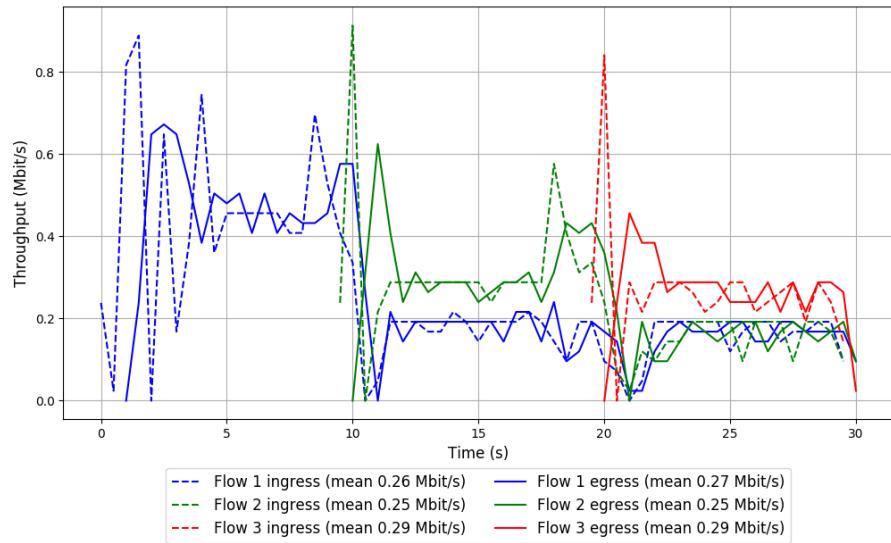


Run 2: Statistics of Indigo

```
Start at: 2018-05-25 07:59:44
End at: 2018-05-25 08:00:14
Local clock offset: -2.1 ms
Remote clock offset: 4.428 ms

# Below is generated by plot.py at 2018-05-25 10:39:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 780.759 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 769.200 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 780.759 ms
Loss rate: 0.74%
-- Flow 3:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 828.251 ms
Loss rate: 2.57%
```

Run 2: Report of Indigo — Data Link

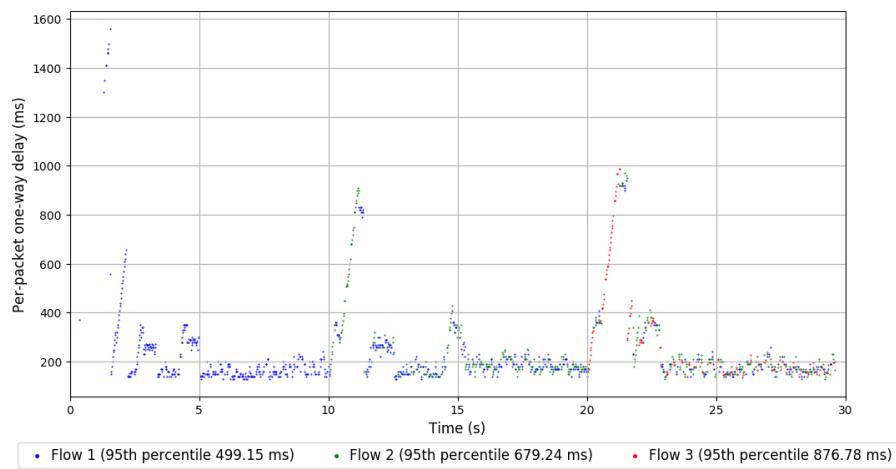
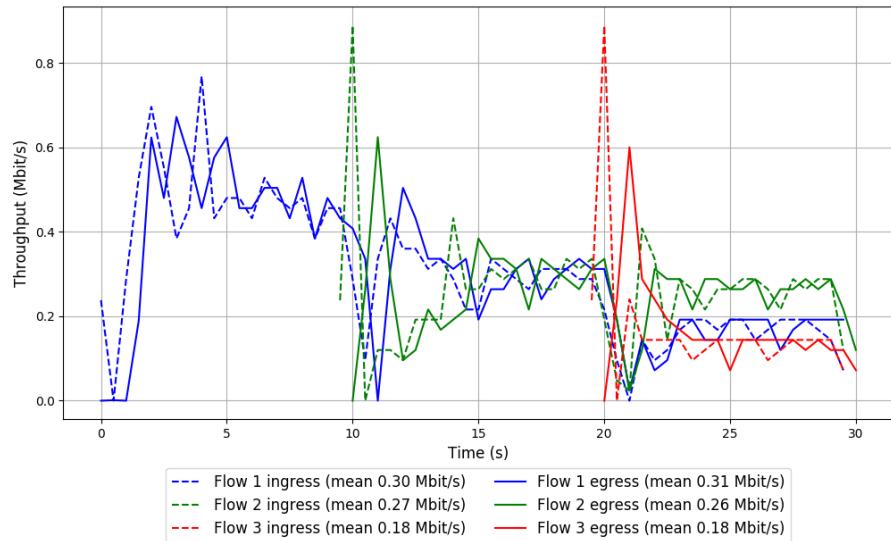


Run 3: Statistics of Indigo

```
Start at: 2018-05-25 08:18:46
End at: 2018-05-25 08:19:16
Local clock offset: -2.905 ms
Remote clock offset: 3.904 ms

# Below is generated by plot.py at 2018-05-25 10:39:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 679.434 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 499.151 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 679.238 ms
Loss rate: 1.37%
-- Flow 3:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 876.778 ms
Loss rate: 2.00%
```

Run 3: Report of Indigo — Data Link

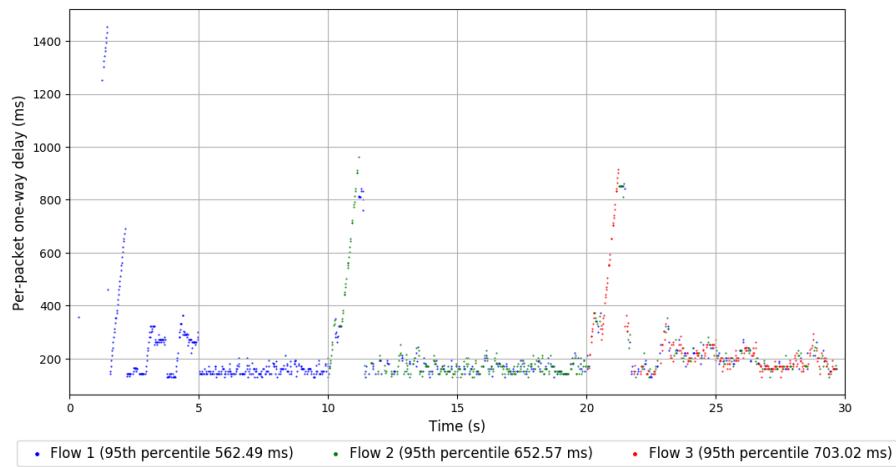
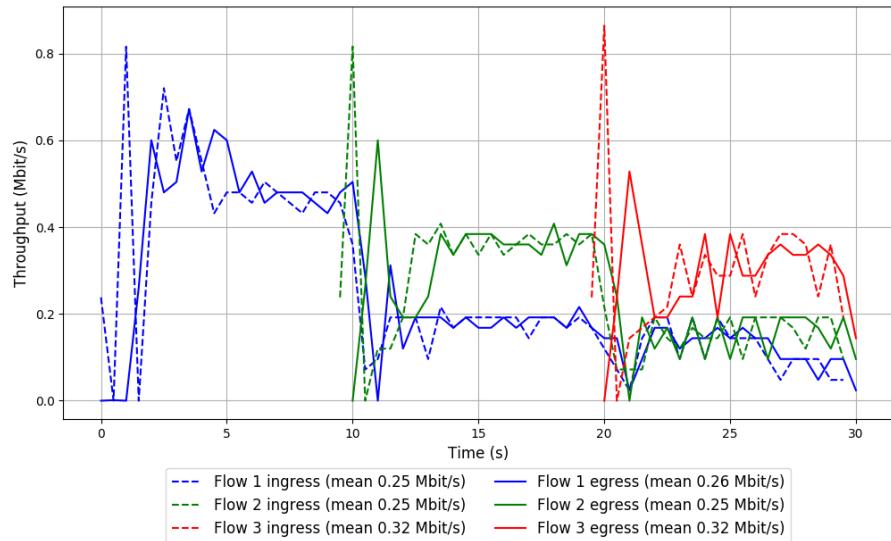


Run 4: Statistics of Indigo

```
Start at: 2018-05-25 08:37:46
End at: 2018-05-25 08:38:16
Local clock offset: -2.412 ms
Remote clock offset: 2.894 ms

# Below is generated by plot.py at 2018-05-25 10:39:20
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.53 Mbit/s
95th percentile per-packet one-way delay: 652.328 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 562.485 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 652.565 ms
Loss rate: 0.96%
-- Flow 3:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 703.016 ms
Loss rate: 3.09%
```

Run 4: Report of Indigo — Data Link

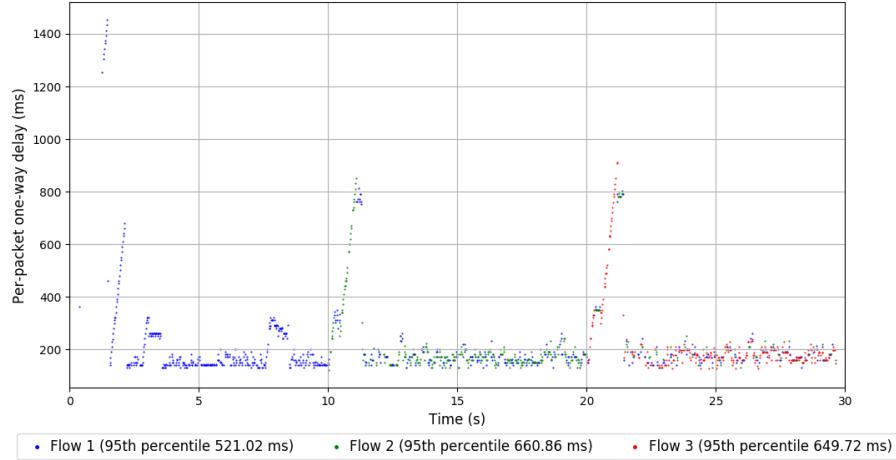
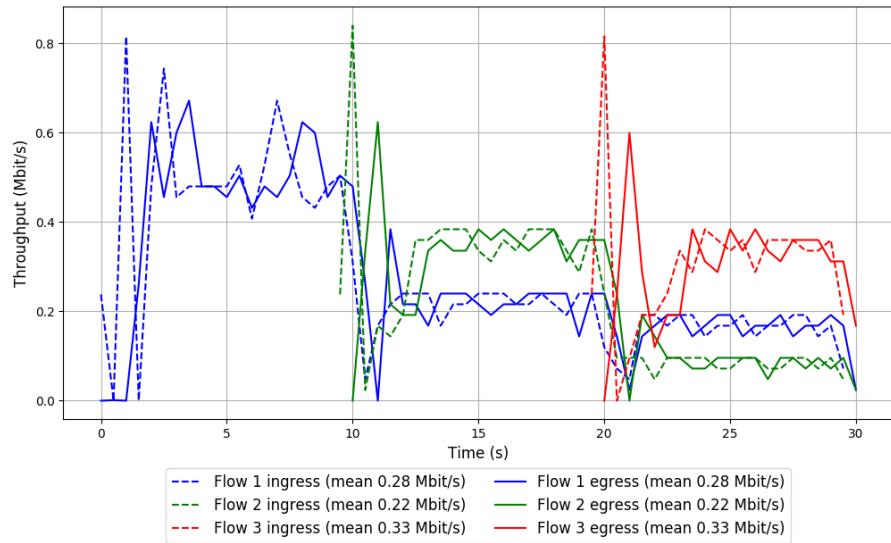


Run 5: Statistics of Indigo

```
Start at: 2018-05-25 08:56:52
End at: 2018-05-25 08:57:22
Local clock offset: -2.168 ms
Remote clock offset: 7.946 ms

# Below is generated by plot.py at 2018-05-25 10:39:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 620.948 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 521.019 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 660.858 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 649.716 ms
Loss rate: 2.99%
```

Run 5: Report of Indigo — Data Link

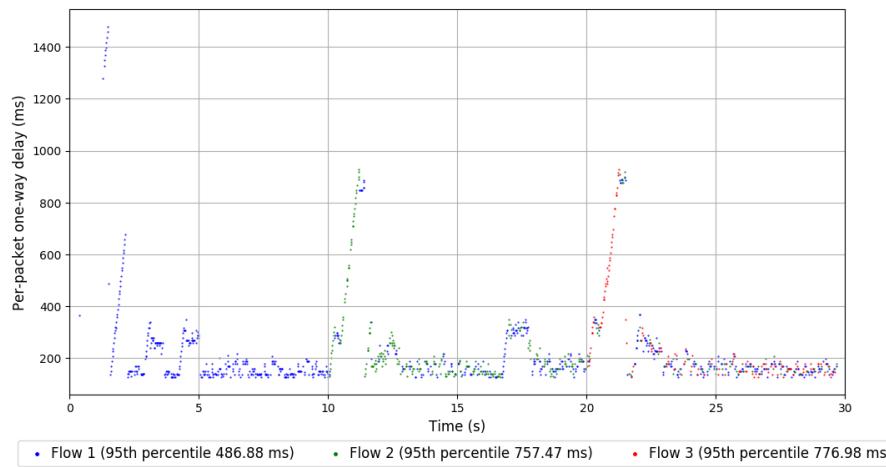
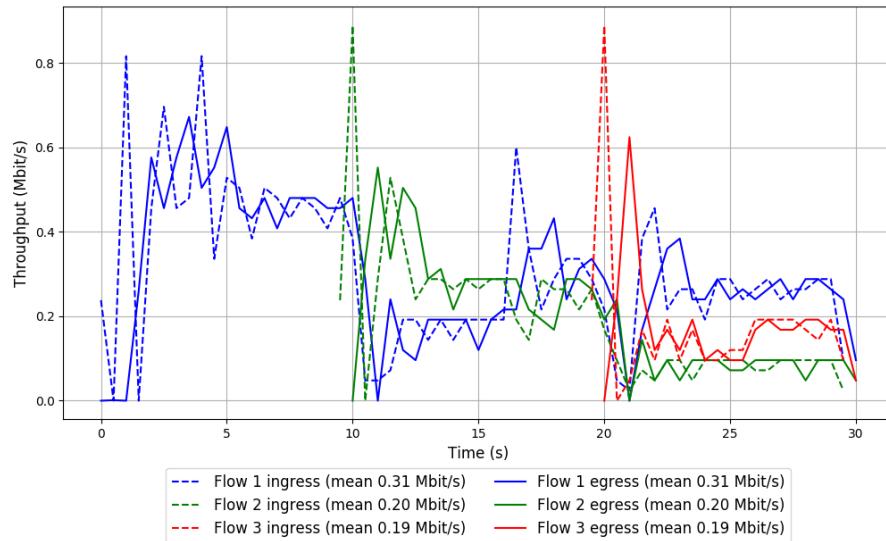


Run 6: Statistics of Indigo

```
Start at: 2018-05-25 09:15:52
End at: 2018-05-25 09:16:22
Local clock offset: -2.85 ms
Remote clock offset: 9.068 ms

# Below is generated by plot.py at 2018-05-25 10:39:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 657.635 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 486.881 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 757.473 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 776.976 ms
Loss rate: 2.60%
```

Run 6: Report of Indigo — Data Link

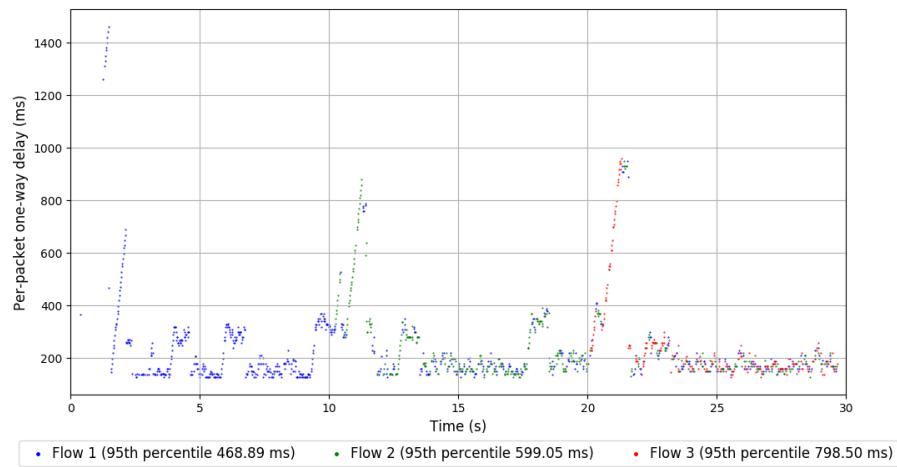
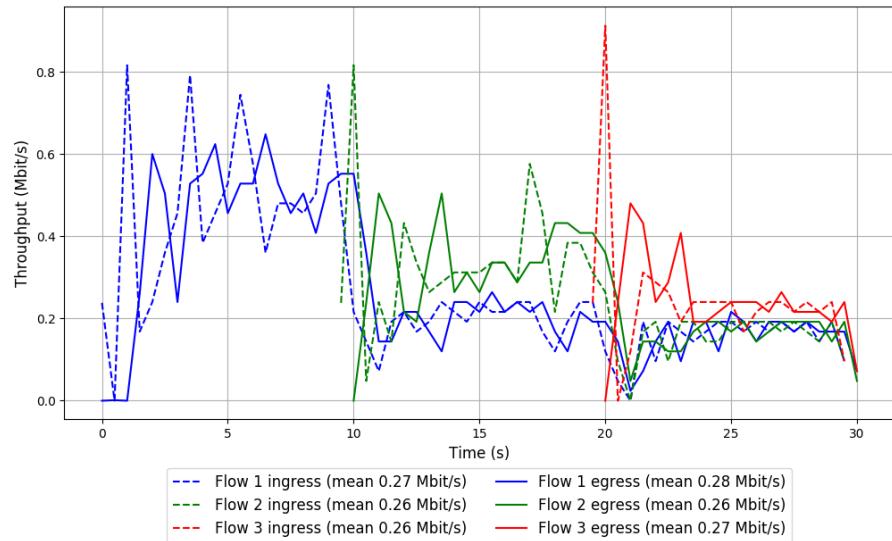


Run 7: Statistics of Indigo

```
Start at: 2018-05-25 09:34:55
End at: 2018-05-25 09:35:25
Local clock offset: -5.658 ms
Remote clock offset: 3.572 ms

# Below is generated by plot.py at 2018-05-25 10:39:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 618.371 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 468.892 ms
Loss rate: 0.59%
-- Flow 2:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 599.050 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 798.496 ms
Loss rate: 2.33%
```

Run 7: Report of Indigo — Data Link

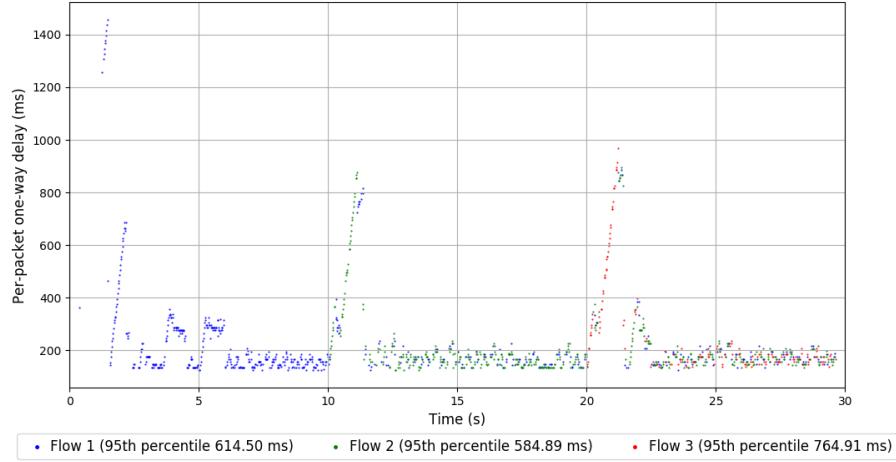
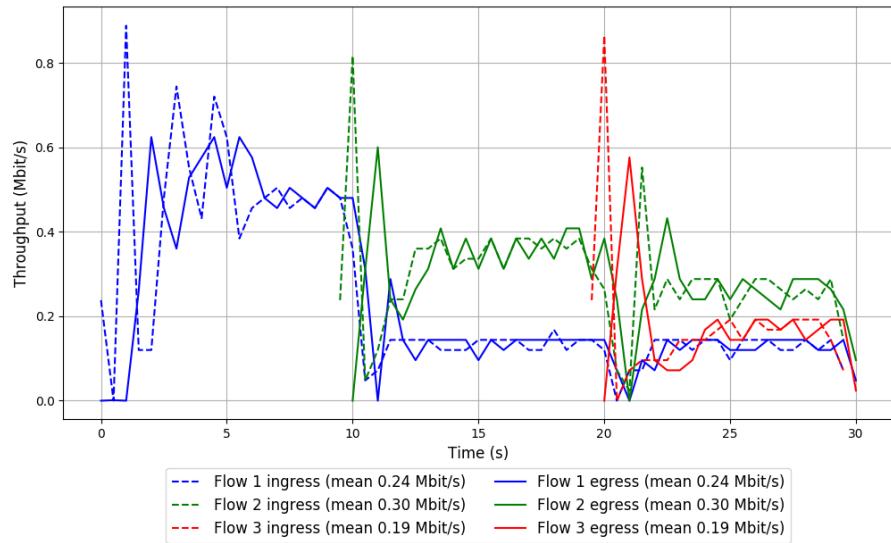


Run 8: Statistics of Indigo

```
Start at: 2018-05-25 09:54:00
End at: 2018-05-25 09:54:30
Local clock offset: -7.755 ms
Remote clock offset: 12.394 ms

# Below is generated by plot.py at 2018-05-25 10:39:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 654.513 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 614.497 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 584.892 ms
Loss rate: 1.20%
-- Flow 3:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 764.909 ms
Loss rate: 2.58%
```

Run 8: Report of Indigo — Data Link

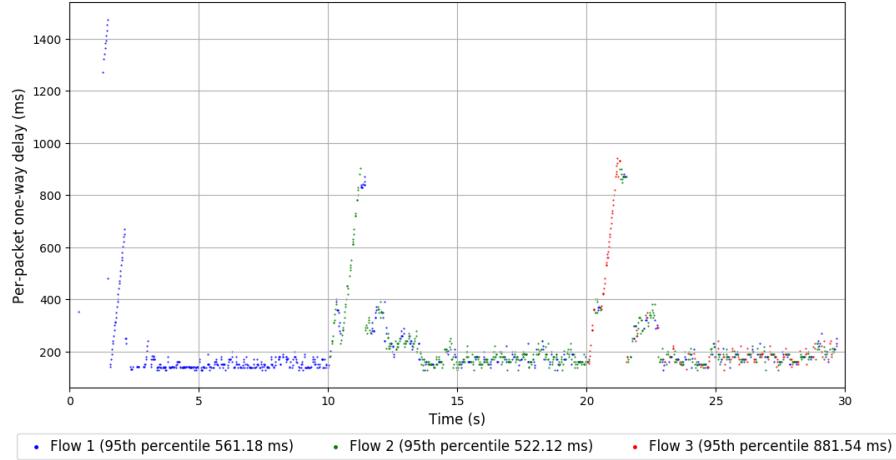
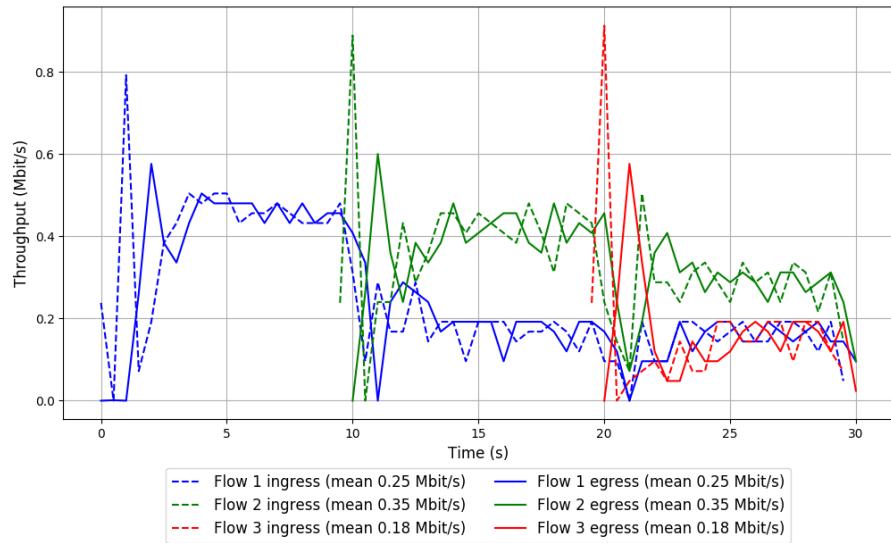


Run 9: Statistics of Indigo

```
Start at: 2018-05-25 10:13:03
End at: 2018-05-25 10:13:33
Local clock offset: -2.459 ms
Remote clock offset: 15.976 ms

# Below is generated by plot.py at 2018-05-25 10:39:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.54 Mbit/s
95th percentile per-packet one-way delay: 651.365 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 561.177 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 522.116 ms
Loss rate: 1.23%
-- Flow 3:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 881.539 ms
Loss rate: 2.10%
```

Run 9: Report of Indigo — Data Link

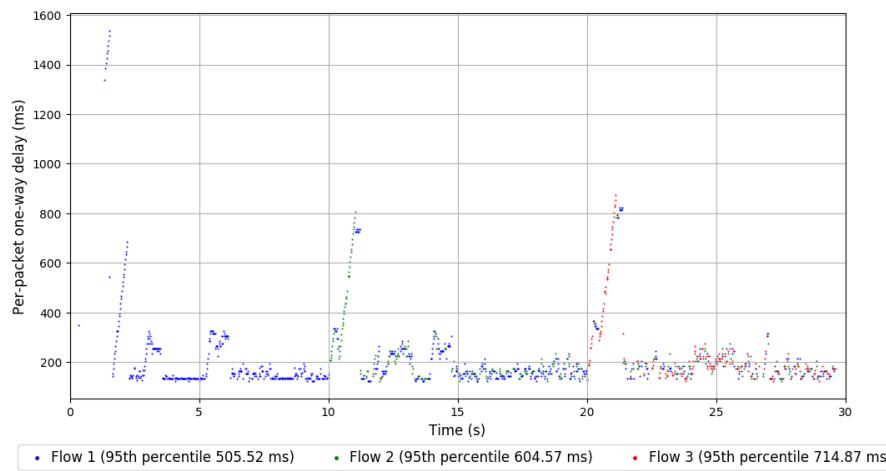
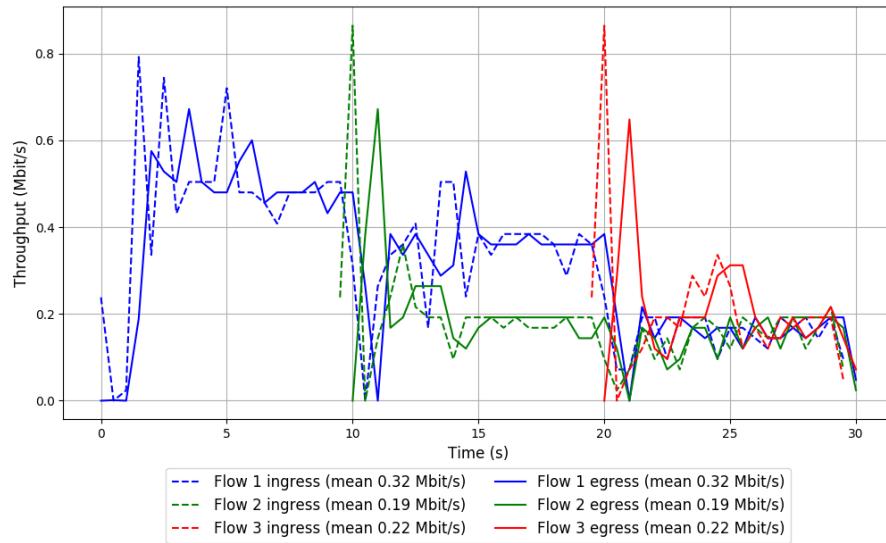


Run 10: Statistics of Indigo

```
Start at: 2018-05-25 10:32:05
End at: 2018-05-25 10:32:35
Local clock offset: -2.541 ms
Remote clock offset: 20.316 ms

# Below is generated by plot.py at 2018-05-25 10:39:24
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.52 Mbit/s
95th percentile per-packet one-way delay: 604.571 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 505.519 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 604.571 ms
Loss rate: 1.31%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 714.873 ms
Loss rate: 1.65%
```

Run 10: Report of Indigo — Data Link

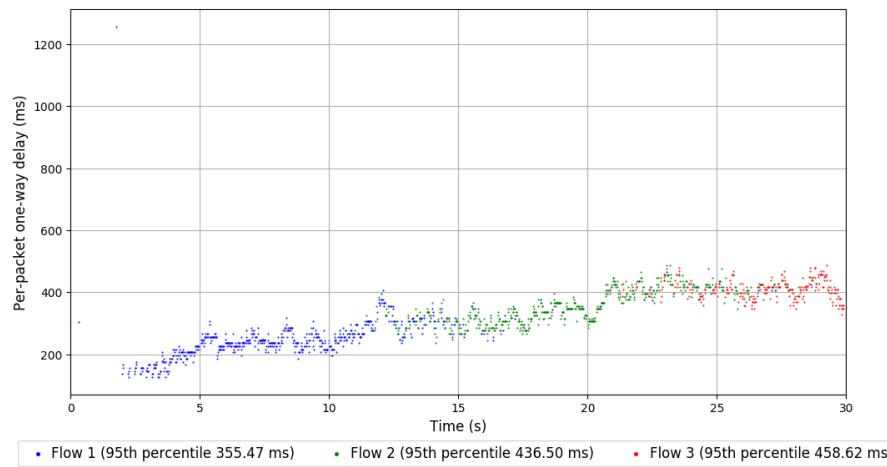
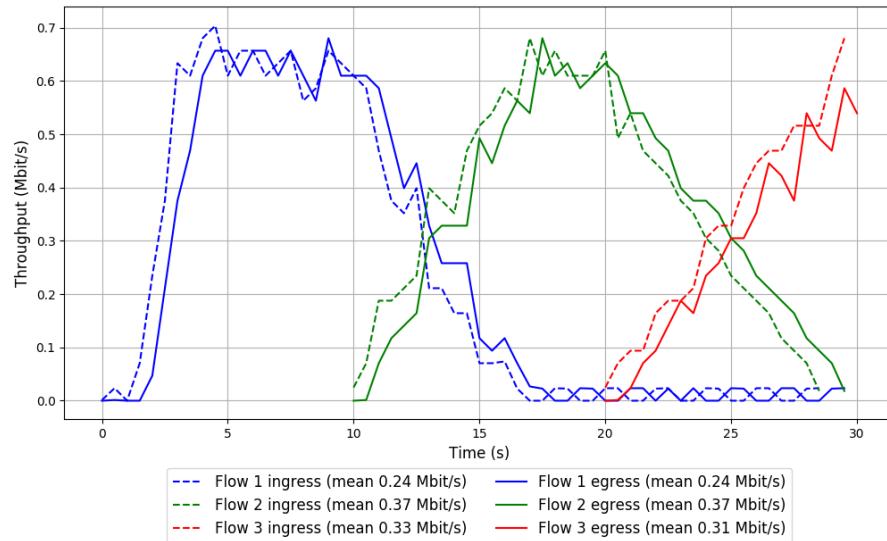


```
Run 1: Statistics of LEDBAT

Start at: 2018-05-25 07:45:29
End at: 2018-05-25 07:45:59
Local clock offset: -1.659 ms
Remote clock offset: 8.684 ms

# Below is generated by plot.py at 2018-05-25 10:39:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 438.569 ms
Loss rate: 1.78%
-- Flow 1:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 355.467 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 436.504 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 458.620 ms
Loss rate: 9.22%
```

Run 1: Report of LEDBAT — Data Link

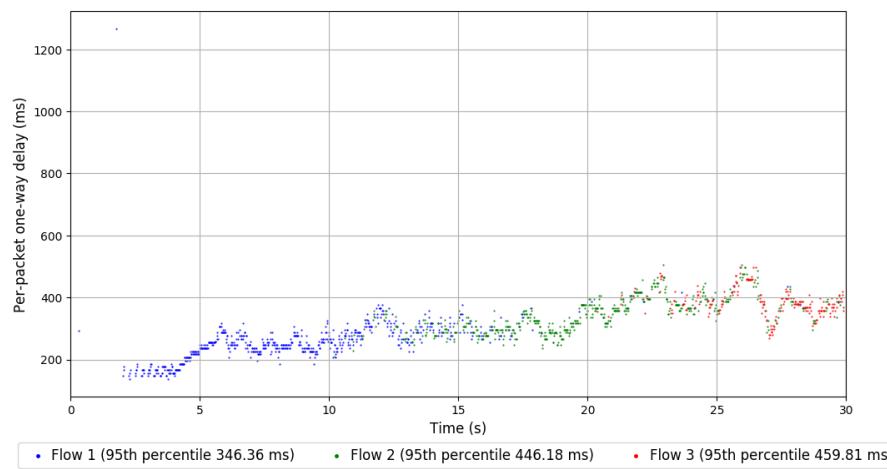
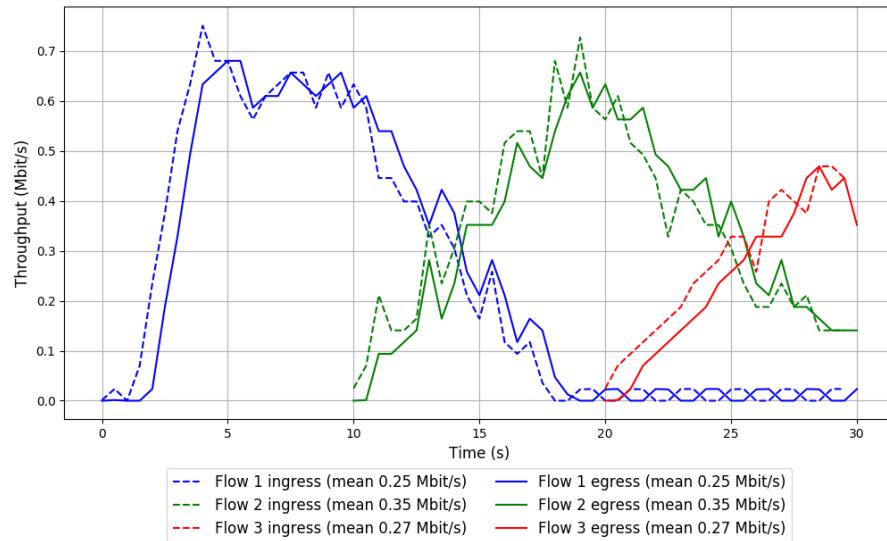


Run 2: Statistics of LEDBAT

```
Start at: 2018-05-25 08:04:30
End at: 2018-05-25 08:05:00
Local clock offset: -2.43 ms
Remote clock offset: 5.058 ms

# Below is generated by plot.py at 2018-05-25 10:39:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 435.195 ms
Loss rate: 1.65%
-- Flow 1:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 346.357 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 446.177 ms
Loss rate: 1.01%
-- Flow 3:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 459.809 ms
Loss rate: 7.29%
```

Run 2: Report of LEDBAT — Data Link

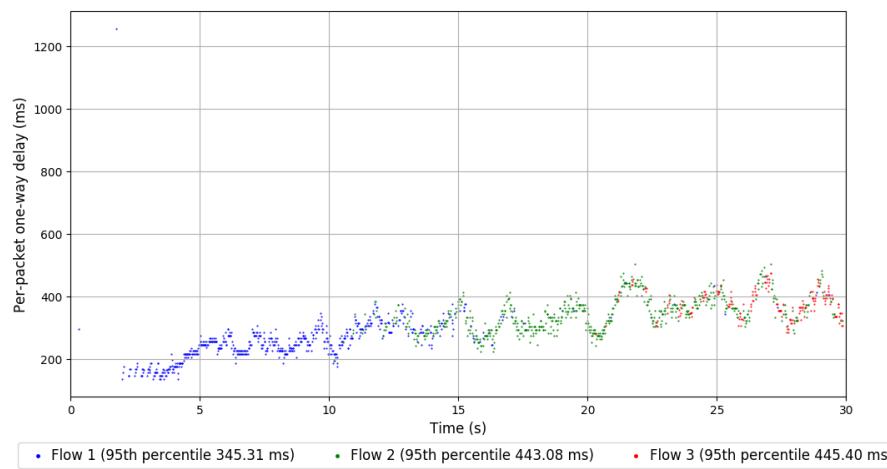
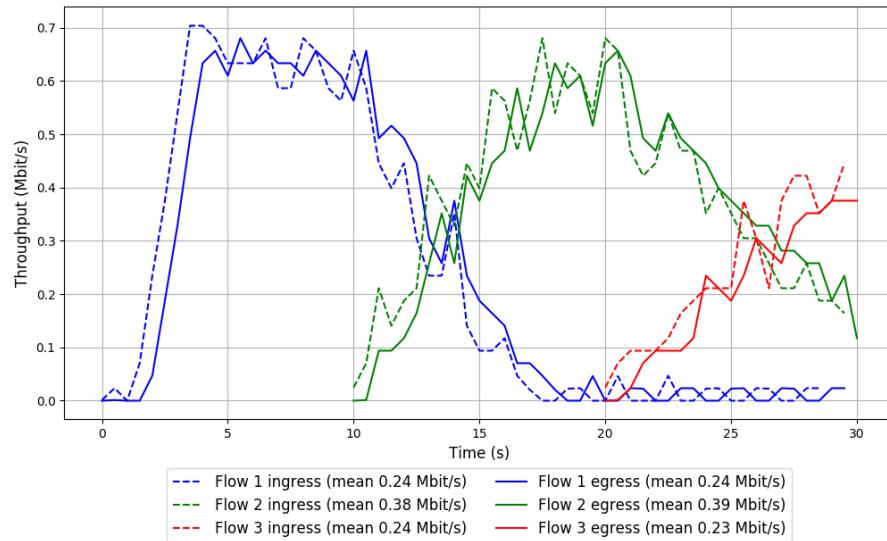


Run 3: Statistics of LEDBAT

```
Start at: 2018-05-25 08:23:31
End at: 2018-05-25 08:24:01
Local clock offset: -2.96 ms
Remote clock offset: 2.877 ms

# Below is generated by plot.py at 2018-05-25 10:39:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 433.511 ms
Loss rate: 1.58%
-- Flow 1:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 345.311 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 443.082 ms
Loss rate: 0.92%
-- Flow 3:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 445.396 ms
Loss rate: 8.37%
```

Run 3: Report of LEDBAT — Data Link

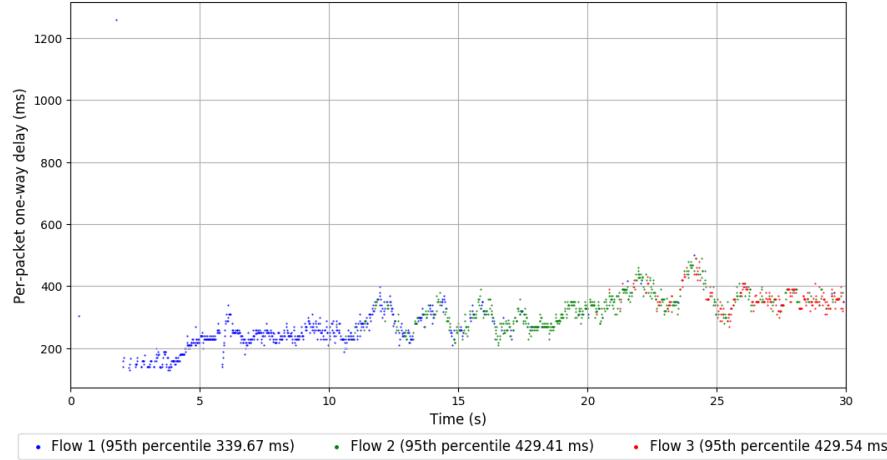
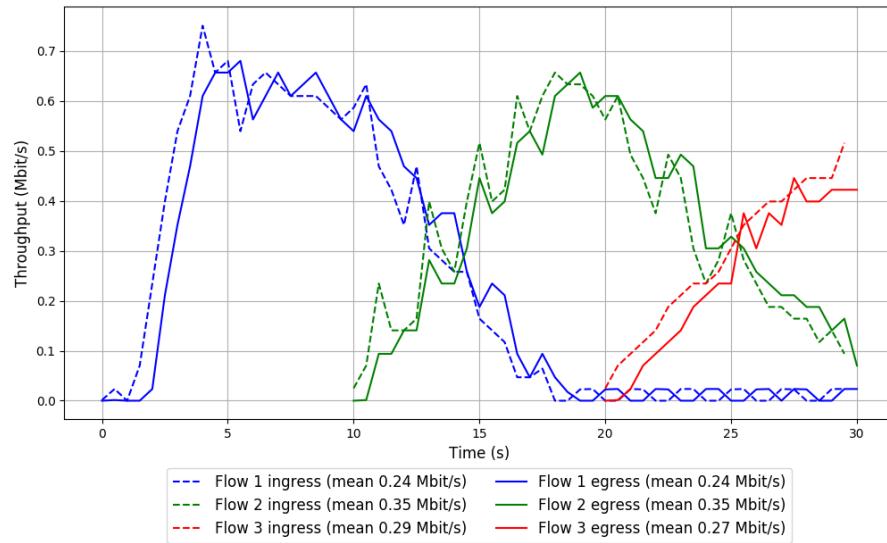


Run 4: Statistics of LEDBAT

```
Start at: 2018-05-25 08:42:37
End at: 2018-05-25 08:43:07
Local clock offset: -2.186 ms
Remote clock offset: 8.066 ms

# Below is generated by plot.py at 2018-05-25 10:39:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 409.382 ms
Loss rate: 1.59%
-- Flow 1:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 339.673 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 429.411 ms
Loss rate: 0.67%
-- Flow 3:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 429.540 ms
Loss rate: 7.85%
```

Run 4: Report of LEDBAT — Data Link

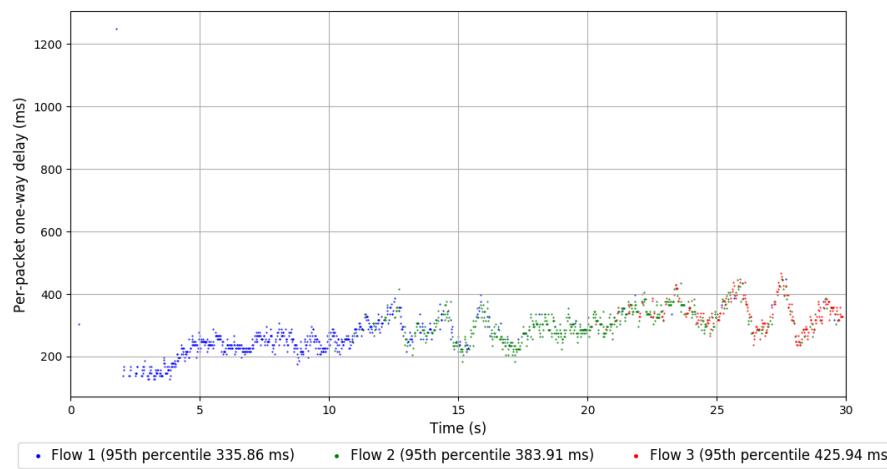
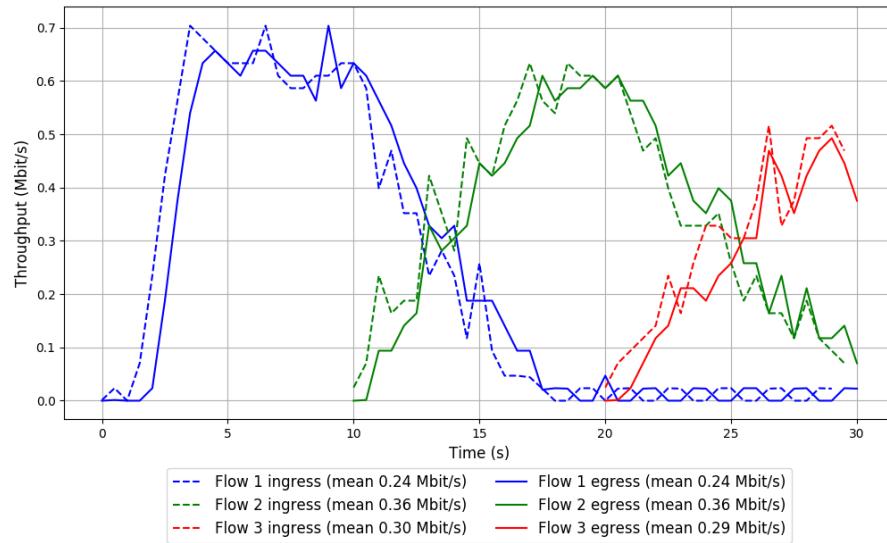


Run 5: Statistics of LEDBAT

```
Start at: 2018-05-25 09:01:37
End at: 2018-05-25 09:02:07
Local clock offset: -2.5 ms
Remote clock offset: 9.704 ms

# Below is generated by plot.py at 2018-05-25 10:39:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 385.952 ms
Loss rate: 1.45%
-- Flow 1:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 335.863 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 383.910 ms
Loss rate: 0.50%
-- Flow 3:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 425.935 ms
Loss rate: 7.11%
```

Run 5: Report of LEDBAT — Data Link

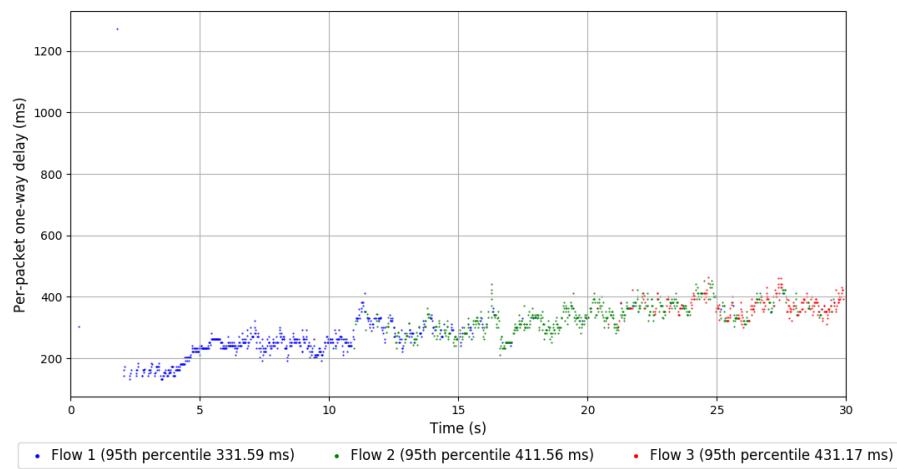
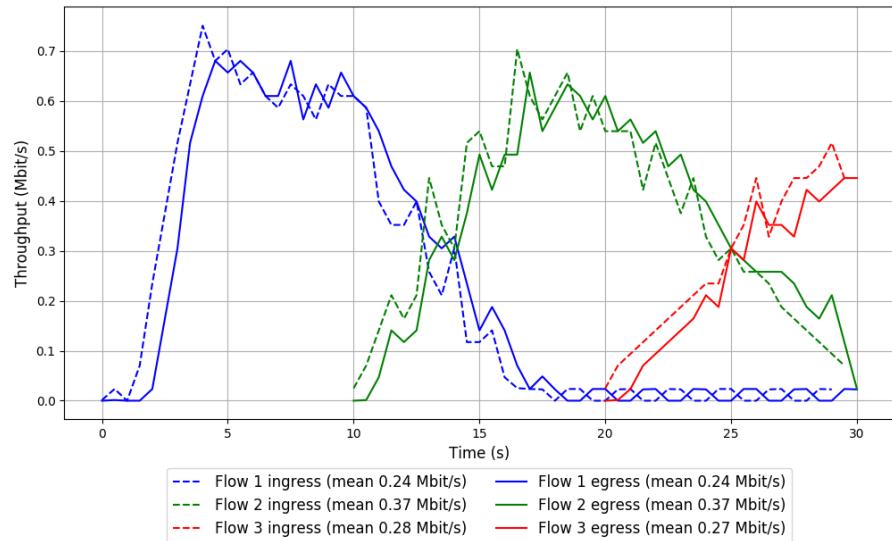


Run 6: Statistics of LEDBAT

```
Start at: 2018-05-25 09:20:39
End at: 2018-05-25 09:21:09
Local clock offset: -2.162 ms
Remote clock offset: 7.817 ms

# Below is generated by plot.py at 2018-05-25 10:39:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 402.992 ms
Loss rate: 1.59%
-- Flow 1:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 331.594 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 411.560 ms
Loss rate: 0.49%
-- Flow 3:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 431.166 ms
Loss rate: 8.33%
```

Run 6: Report of LEDBAT — Data Link

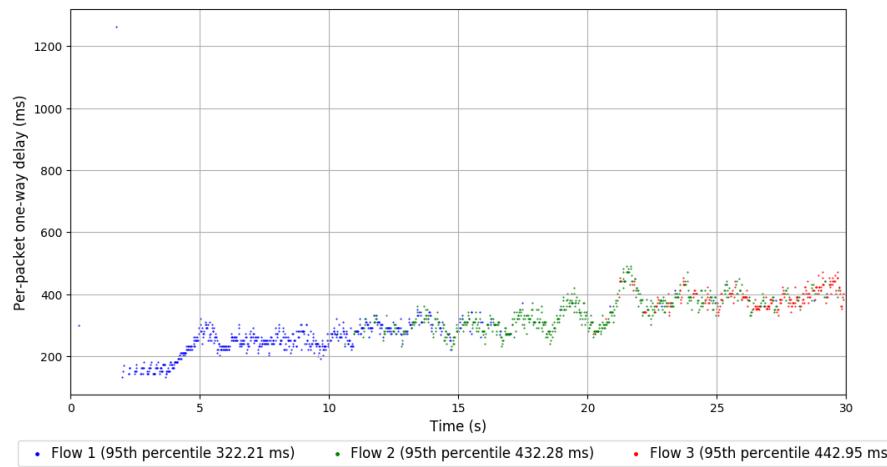
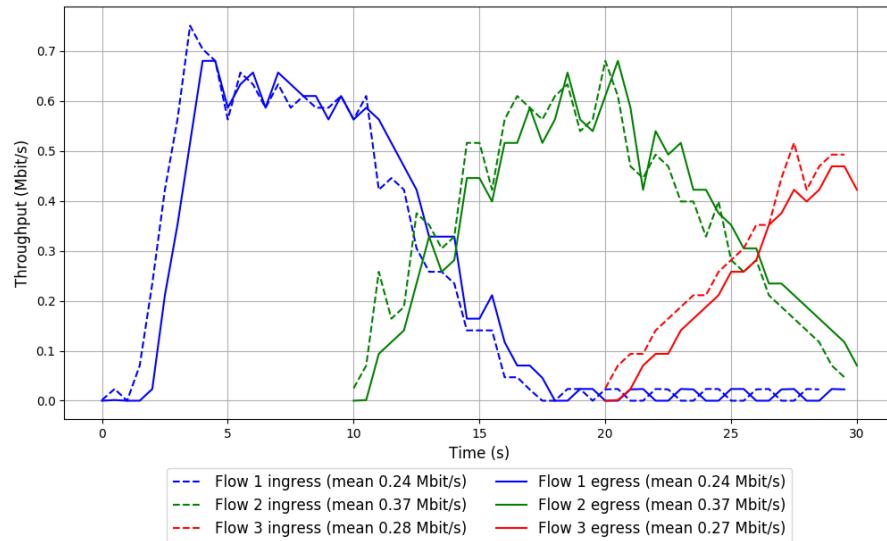


Run 7: Statistics of LEDBAT

```
Start at: 2018-05-25 09:39:41
End at: 2018-05-25 09:40:11
Local clock offset: -5.653 ms
Remote clock offset: 2.685 ms

# Below is generated by plot.py at 2018-05-25 10:39:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 432.057 ms
Loss rate: 1.52%
-- Flow 1:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 322.208 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 432.280 ms
Loss rate: 0.32%
-- Flow 3:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 442.955 ms
Loss rate: 8.40%
```

Run 7: Report of LEDBAT — Data Link

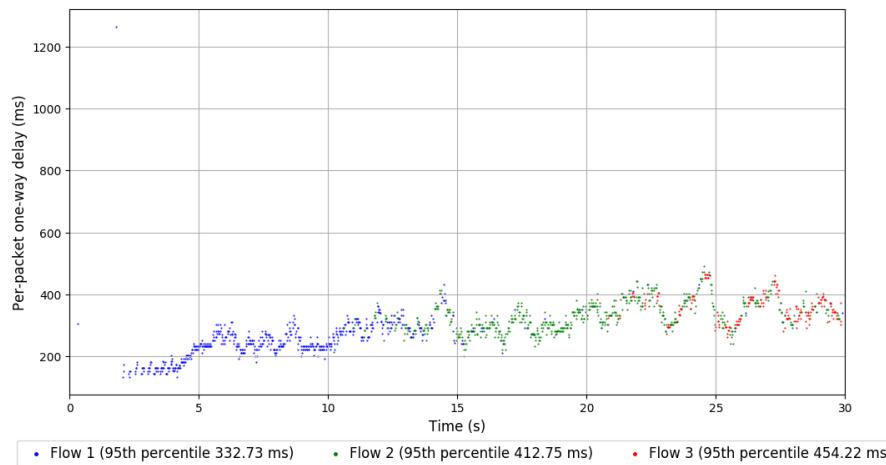
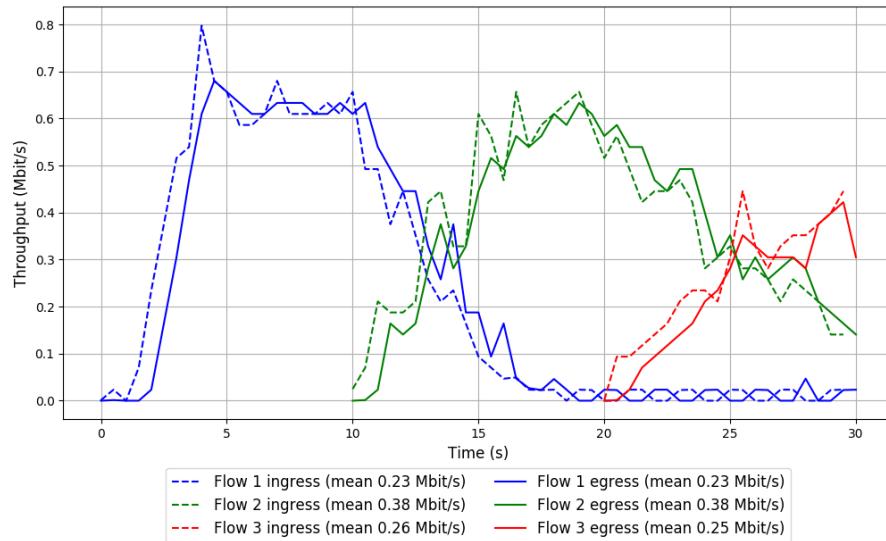


Run 8: Statistics of LEDBAT

```
Start at: 2018-05-25 09:58:46
End at: 2018-05-25 09:59:16
Local clock offset: -5.473 ms
Remote clock offset: 10.232 ms

# Below is generated by plot.py at 2018-05-25 10:39:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 404.406 ms
Loss rate: 1.59%
-- Flow 1:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 332.732 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 412.751 ms
Loss rate: 0.94%
-- Flow 3:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 454.222 ms
Loss rate: 7.80%
```

Run 8: Report of LEDBAT — Data Link

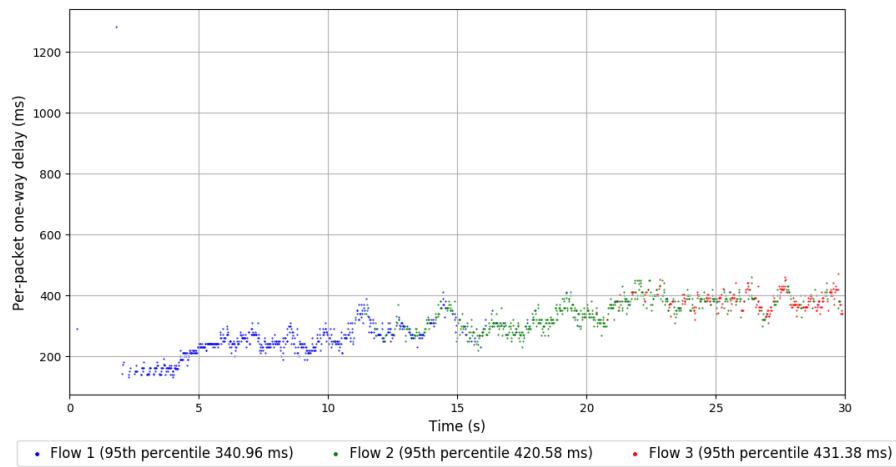
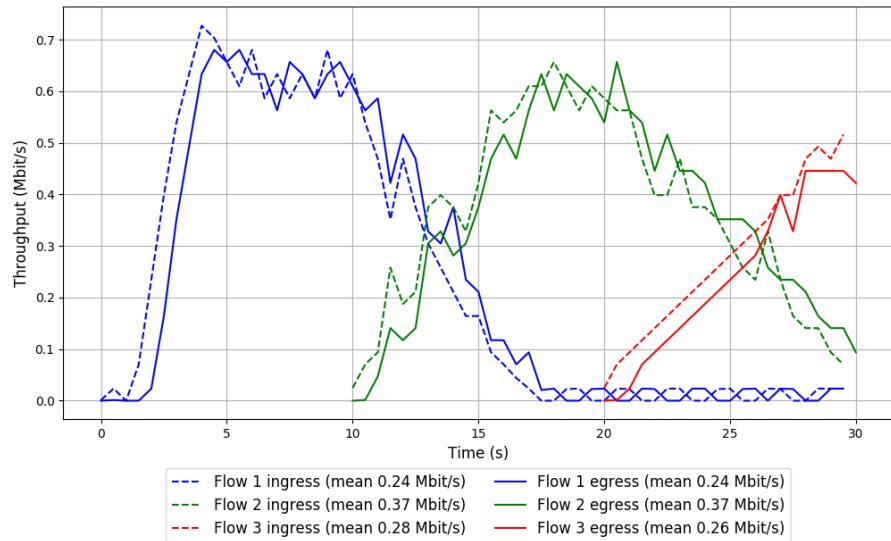


Run 9: Statistics of LEDBAT

```
Start at: 2018-05-25 10:17:50
End at: 2018-05-25 10:18:20
Local clock offset: -2.857 ms
Remote clock offset: 17.535 ms

# Below is generated by plot.py at 2018-05-25 10:39:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 412.358 ms
Loss rate: 1.58%
-- Flow 1:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 340.959 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 420.585 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 431.377 ms
Loss rate: 8.51%
```

Run 9: Report of LEDBAT — Data Link

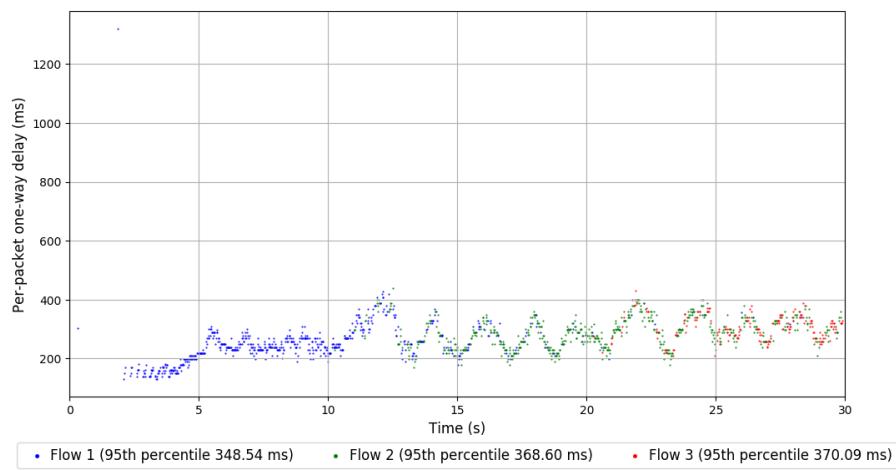
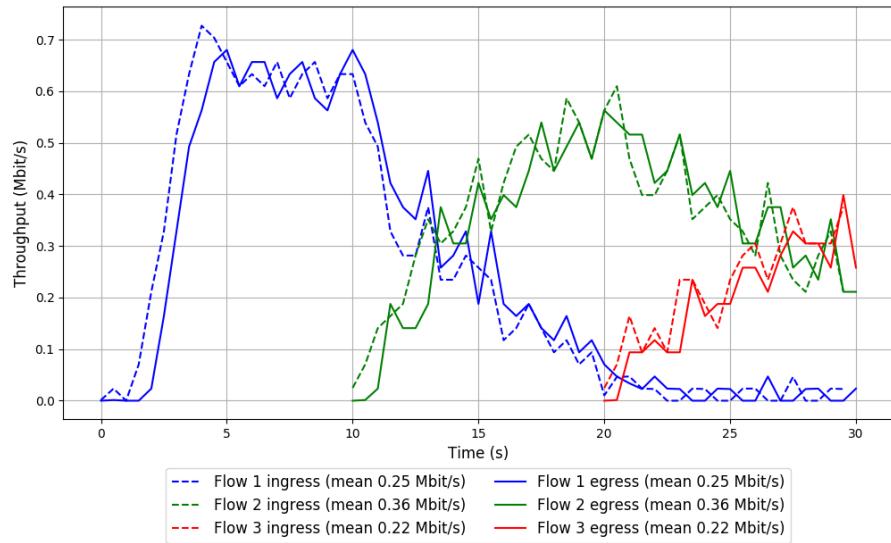


Run 10: Statistics of LEDBAT

```
Start at: 2018-05-25 10:36:51
End at: 2018-05-25 10:37:21
Local clock offset: -2.503 ms
Remote clock offset: 20.099 ms

# Below is generated by plot.py at 2018-05-25 10:39:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 368.463 ms
Loss rate: 1.52%
-- Flow 1:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 348.542 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 368.600 ms
Loss rate: 1.46%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 370.087 ms
Loss rate: 6.38%
```

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC-Allegro

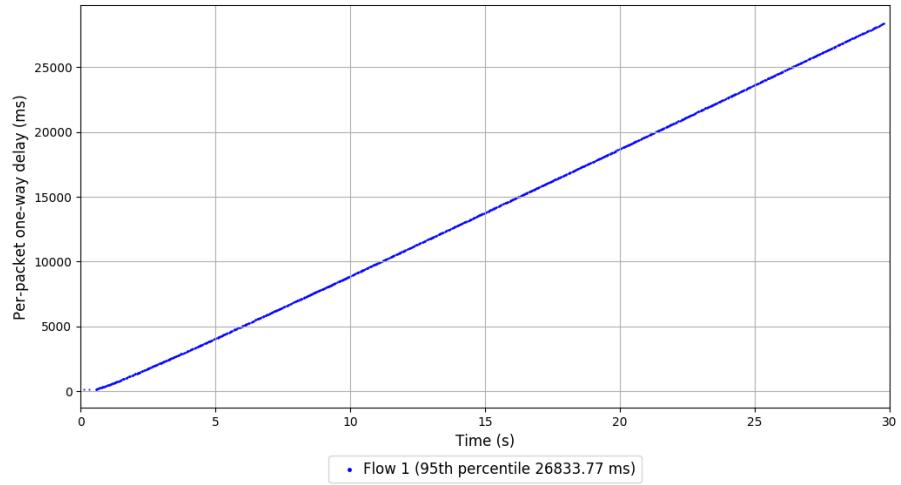
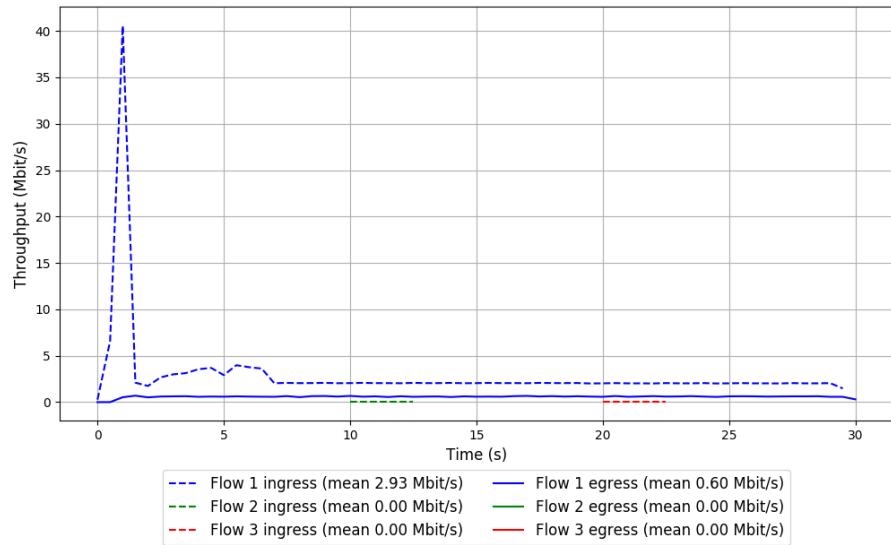
Start at: 2018-05-25 07:35:58

End at: 2018-05-25 07:36:28

Local clock offset: -1.474 ms

Remote clock offset: 7.954 ms

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

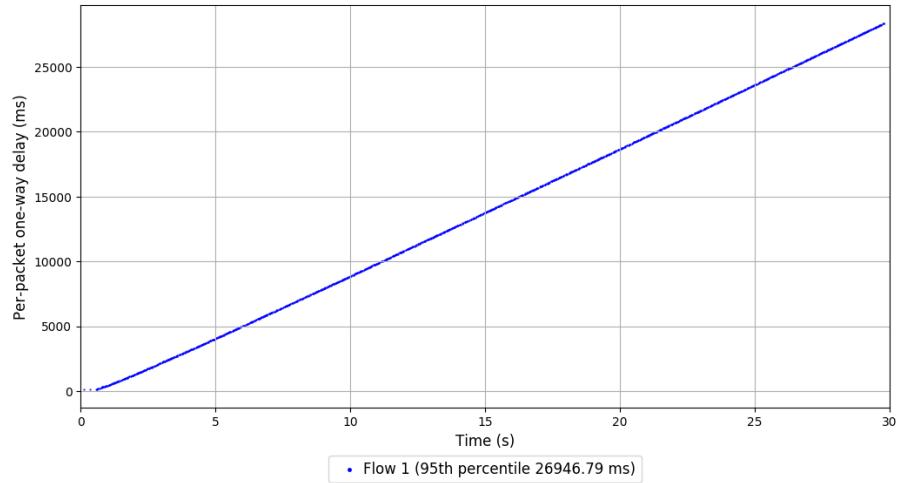
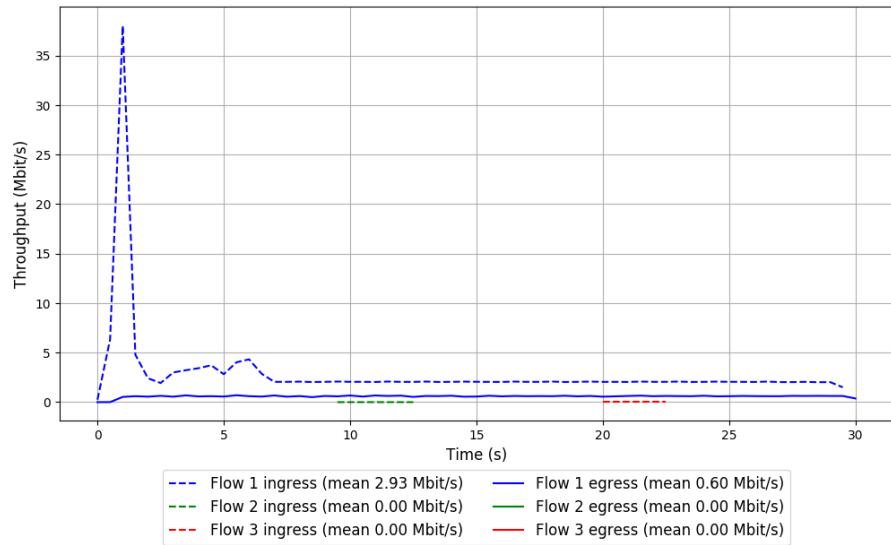
Start at: 2018-05-25 07:54:59

End at: 2018-05-25 07:55:29

Local clock offset: -1.638 ms

Remote clock offset: 9.759 ms

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

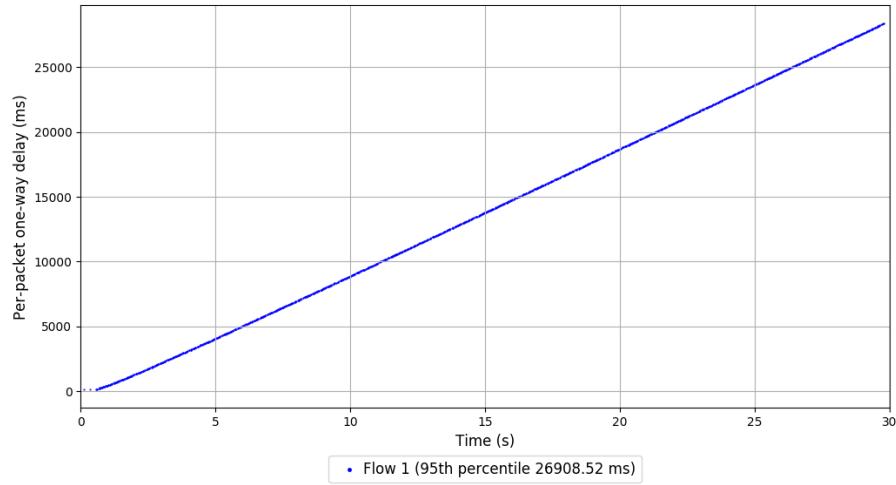
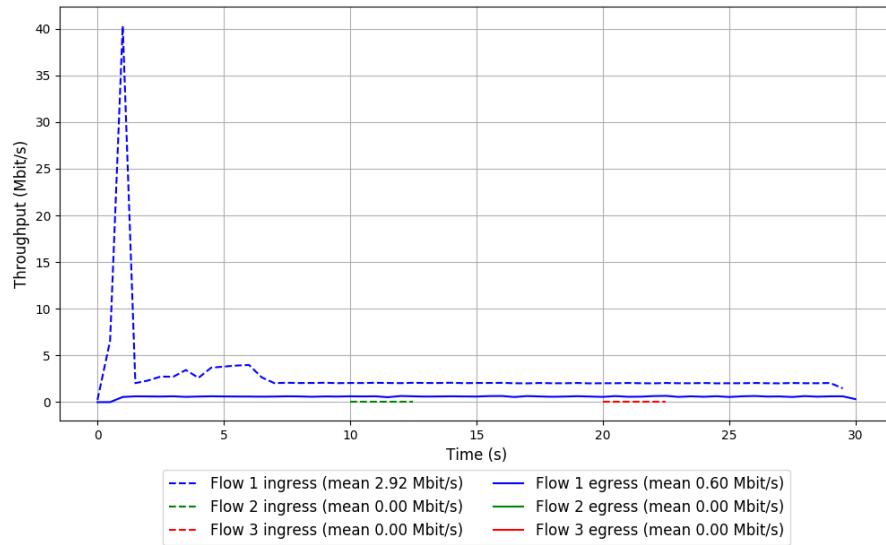
Start at: 2018-05-25 08:14:01

End at: 2018-05-25 08:14:31

Local clock offset: -2.769 ms

Remote clock offset: 8.639 ms

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

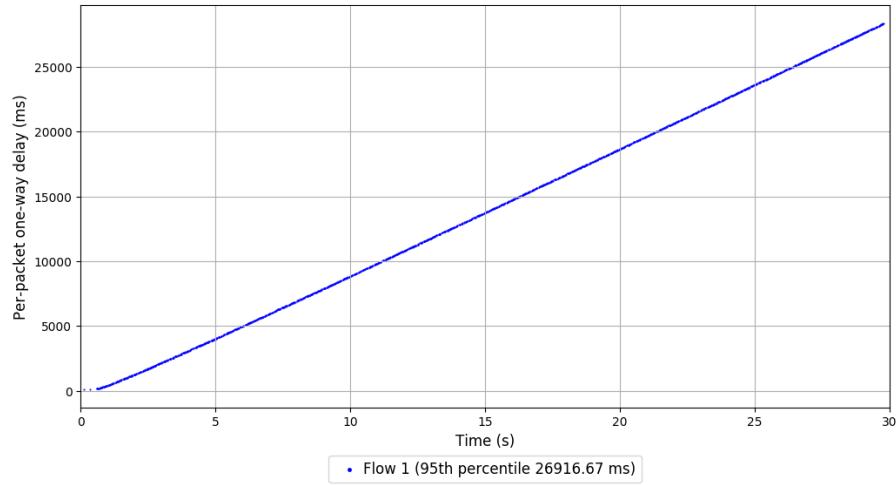
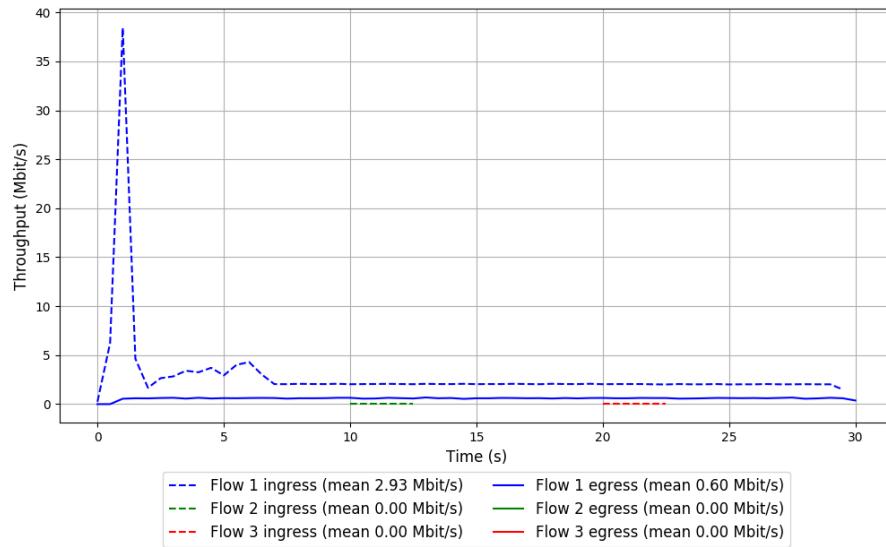
Start at: 2018-05-25 08:33:01

End at: 2018-05-25 08:33:31

Local clock offset: -2.576 ms

Remote clock offset: 2.867 ms

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

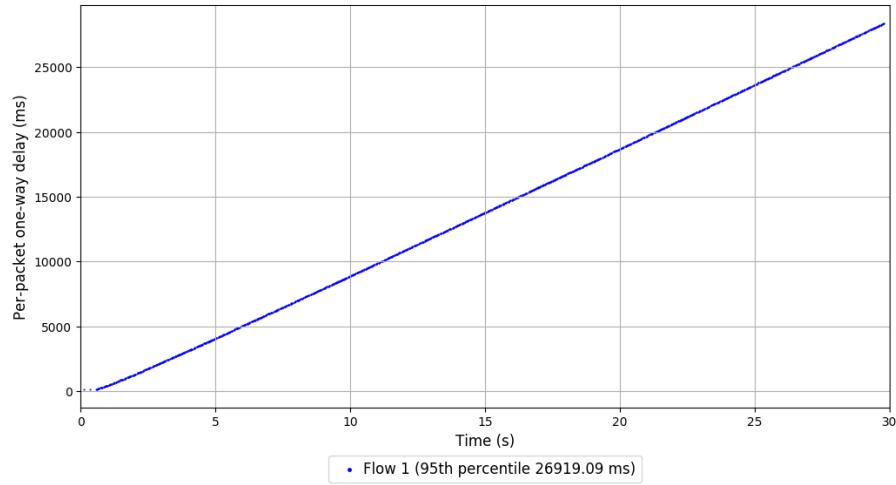
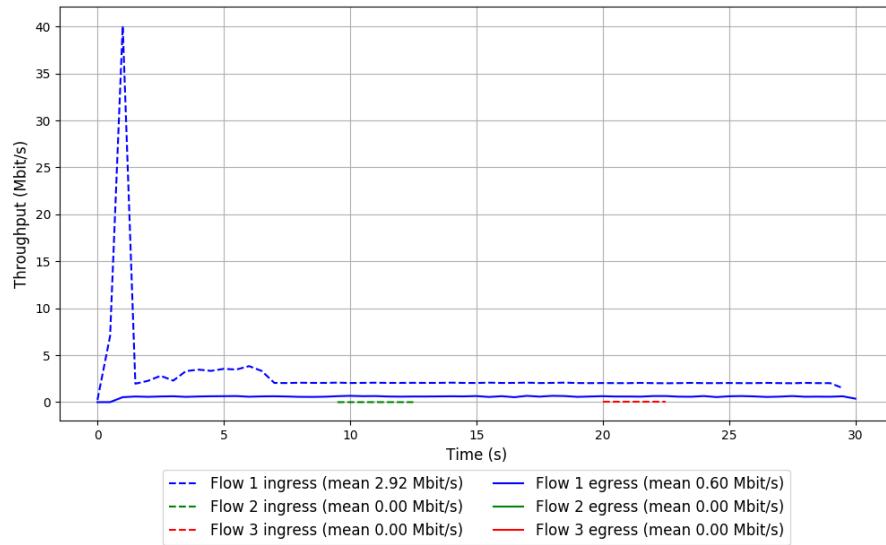
Start at: 2018-05-25 08:52:07

End at: 2018-05-25 08:52:37

Local clock offset: -2.066 ms

Remote clock offset: 3.962 ms

Run 5: Report of PCC-Allegro — Data Link



Run 6: Statistics of PCC-Allegro

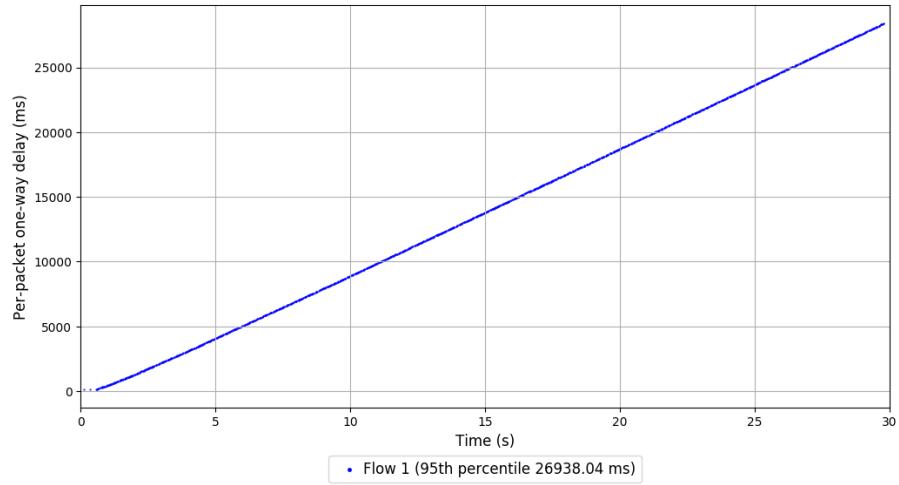
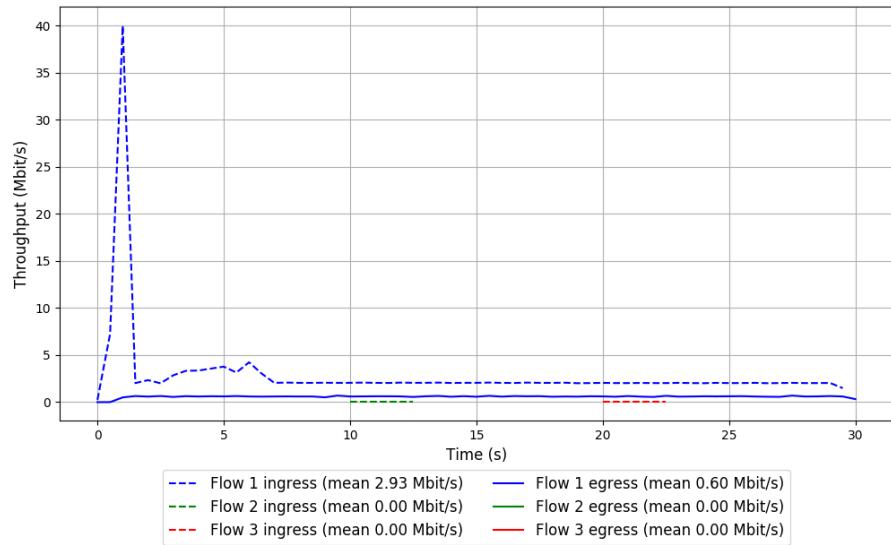
Start at: 2018-05-25 09:11:07

End at: 2018-05-25 09:11:37

Local clock offset: -2.765 ms

Remote clock offset: 5.05 ms

Run 6: Report of PCC-Allegro — Data Link



Run 7: Statistics of PCC-Allegro

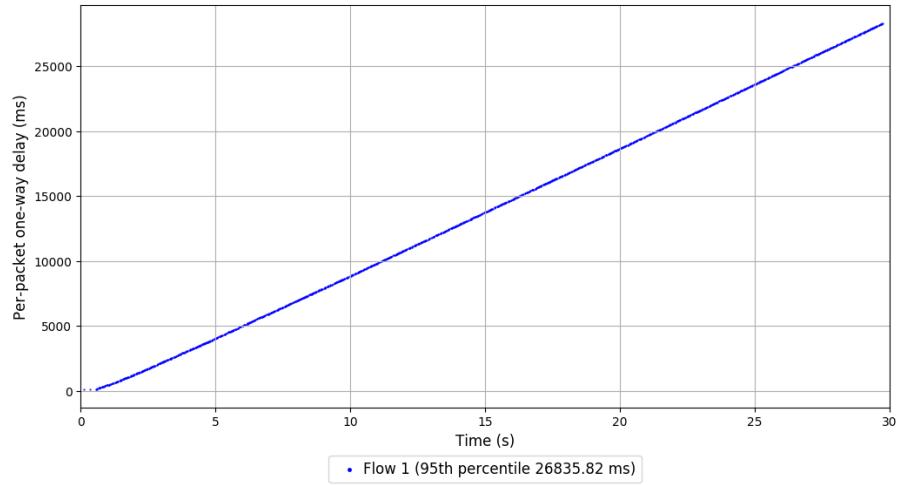
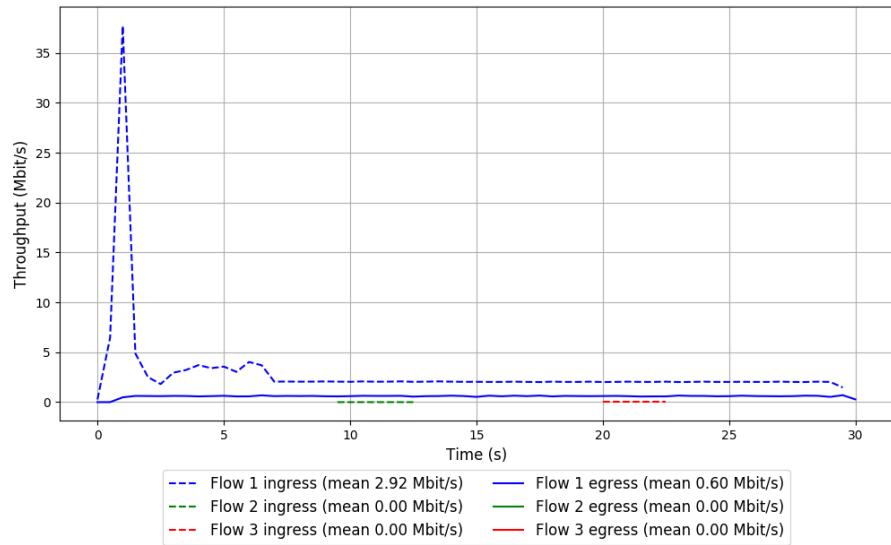
Start at: 2018-05-25 09:30:10

End at: 2018-05-25 09:30:40

Local clock offset: -5.31 ms

Remote clock offset: 8.339 ms

Run 7: Report of PCC-Allegro — Data Link



Run 8: Statistics of PCC-Allegro

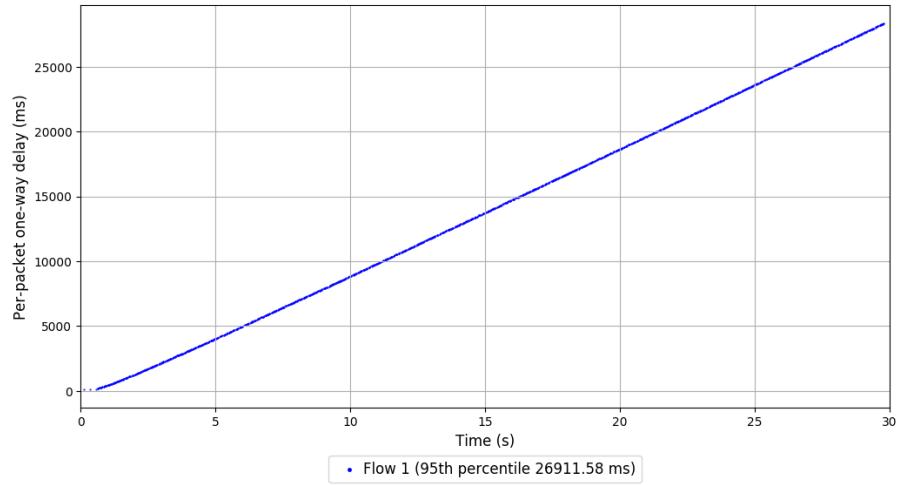
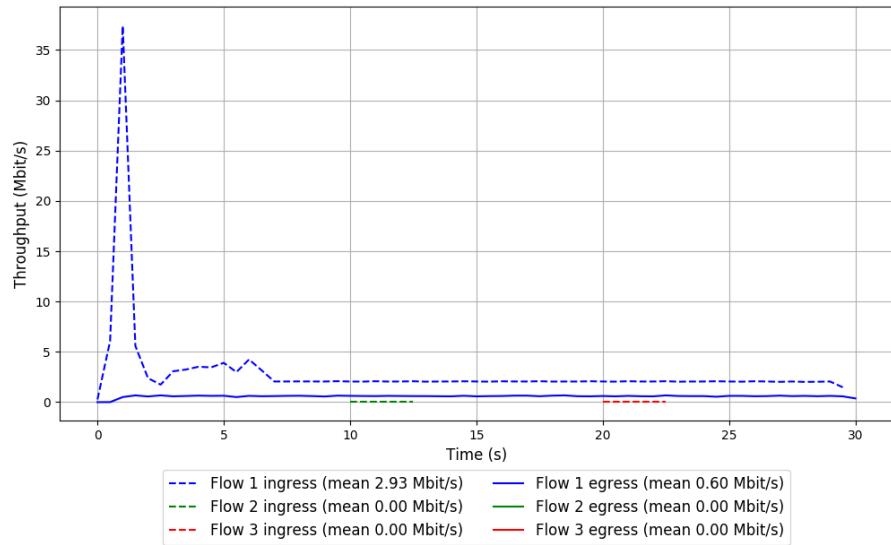
Start at: 2018-05-25 09:49:12

End at: 2018-05-25 09:49:42

Local clock offset: -8.108 ms

Remote clock offset: 9.466 ms

Run 8: Report of PCC-Allegro — Data Link



Run 9: Statistics of PCC-Allegro

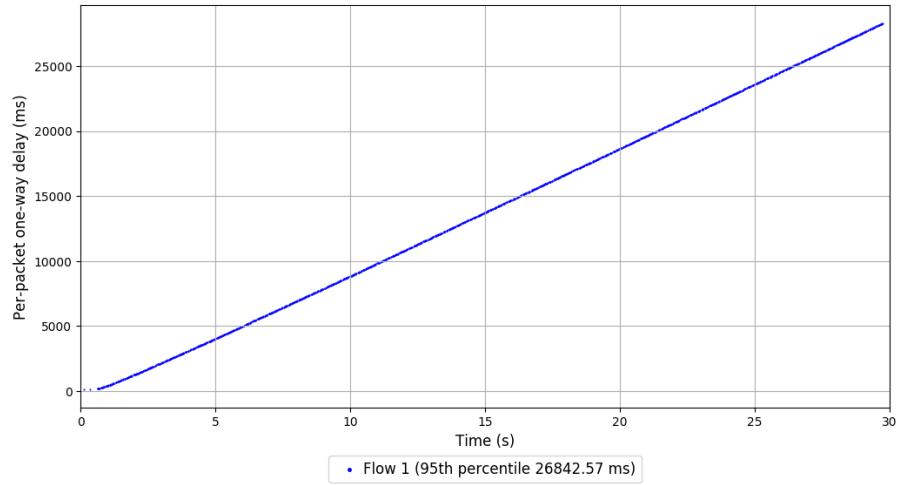
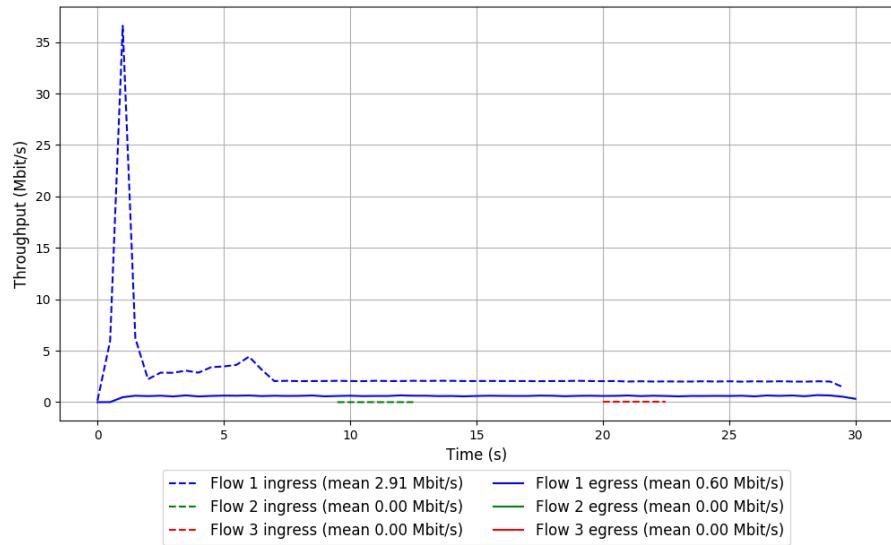
Start at: 2018-05-25 10:08:18

End at: 2018-05-25 10:08:48

Local clock offset: -3.779 ms

Remote clock offset: 16.887 ms

Run 9: Report of PCC-Allegro — Data Link



Run 10: Statistics of PCC-Allegro

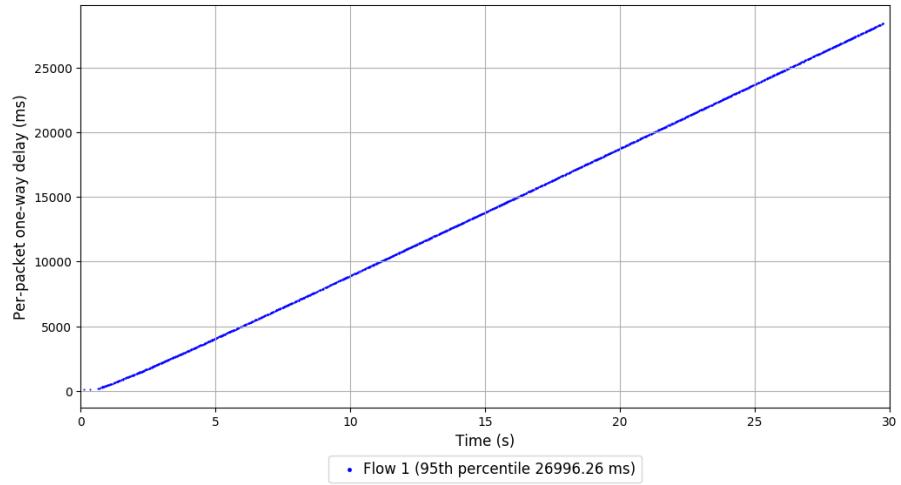
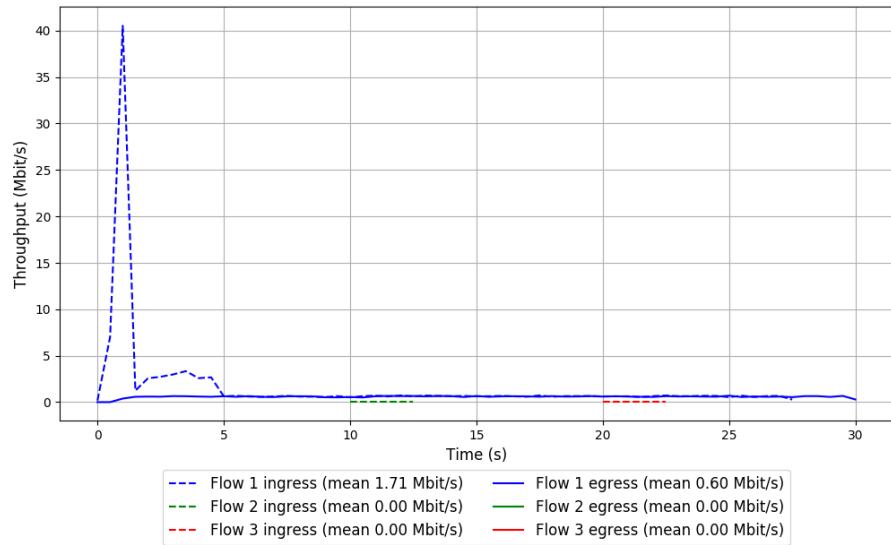
Start at: 2018-05-25 10:27:20

End at: 2018-05-25 10:27:50

Local clock offset: -1.754 ms

Remote clock offset: 18.78 ms

Run 10: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

Start at: 2018-05-25 07:32:24

End at: 2018-05-25 07:32:54

Local clock offset: -1.285 ms

Remote clock offset: 7.689 ms

Run 1: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 2: Statistics of PCC-Expr

Start at: 2018-05-25 07:51:26

End at: 2018-05-25 07:51:56

Local clock offset: -1.709 ms

Remote clock offset: 4.21 ms

Run 2: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 3: Statistics of PCC-Expr

Start at: 2018-05-25 08:10:27

End at: 2018-05-25 08:10:57

Local clock offset: -2.763 ms

Remote clock offset: 8.066 ms

Run 3: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 4: Statistics of PCC-Expr

Start at: 2018-05-25 08:29:28

End at: 2018-05-25 08:29:58

Local clock offset: -2.743 ms

Remote clock offset: 6.585 ms

Run 4: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 5: Statistics of PCC-Expr

Start at: 2018-05-25 08:48:33

End at: 2018-05-25 08:49:03

Local clock offset: -2.105 ms

Remote clock offset: 3.894 ms

Run 5: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 6: Statistics of PCC-Expr

Start at: 2018-05-25 09:07:34

End at: 2018-05-25 09:08:04

Local clock offset: -2.685 ms

Remote clock offset: 8.977 ms

Run 6: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 7: Statistics of PCC-Expr

Start at: 2018-05-25 09:26:36

End at: 2018-05-25 09:27:06

Local clock offset: -4.192 ms

Remote clock offset: 3.711 ms

Run 7: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 8: Statistics of PCC-Expr

Start at: 2018-05-25 09:45:38

End at: 2018-05-25 09:46:08

Local clock offset: -7.814 ms

Remote clock offset: 7.756 ms

Run 8: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 9: Statistics of PCC-Expr

Start at: 2018-05-25 10:04:43

End at: 2018-05-25 10:05:13

Local clock offset: -4.418 ms

Remote clock offset: 16.215 ms

Run 9: Report of PCC-Expr — Data Link

Figure is missing

Figure is missing

Run 10: Statistics of PCC-Expr

Start at: 2018-05-25 10:23:46

End at: 2018-05-25 10:24:16

Local clock offset: -3.334 ms

Remote clock offset: 13.852 ms

Run 10: Report of PCC-Expr — Data Link

Figure is missing

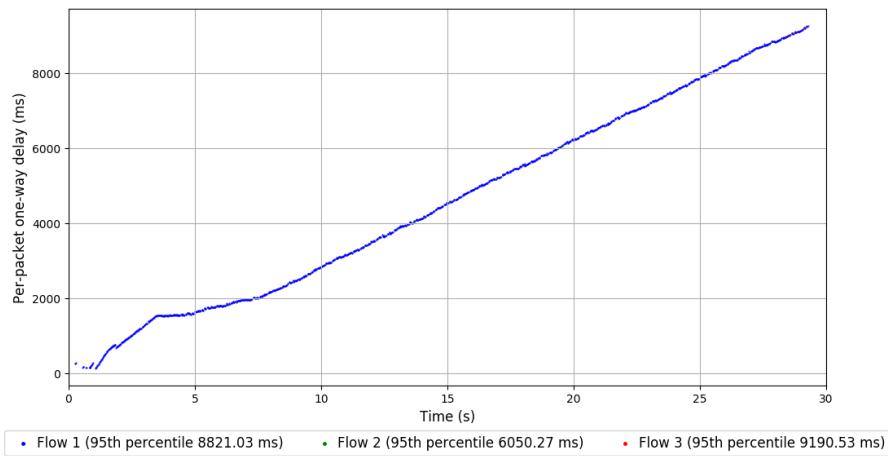
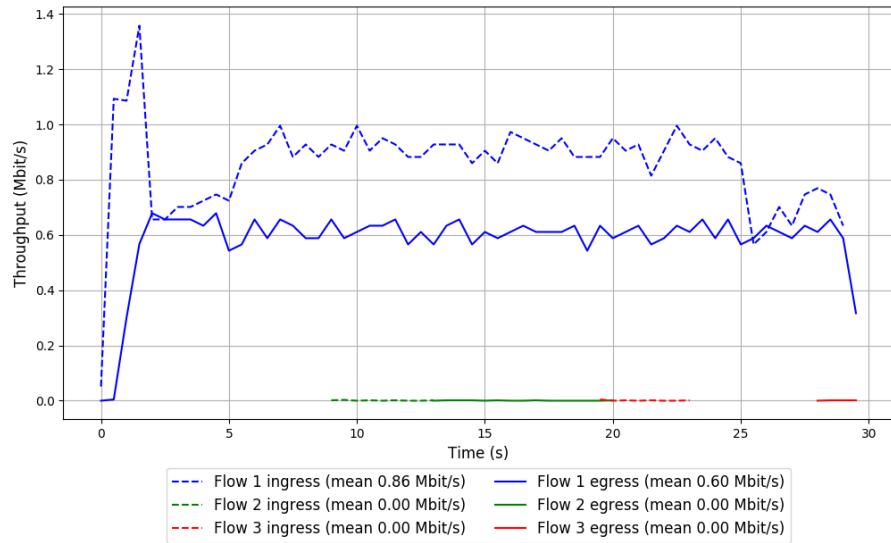
Figure is missing

```
Run 1: Statistics of QUIC Cubic

Start at: 2018-05-25 07:30:01
End at: 2018-05-25 07:30:31
Local clock offset: -0.977 ms
Remote clock offset: 3.5 ms

# Below is generated by plot.py at 2018-05-25 10:39:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 8831.525 ms
Loss rate: 30.54%
-- Flow 1:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 8821.027 ms
Loss rate: 30.54%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 6050.268 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 9190.535 ms
Loss rate: 50.00%
```

Run 1: Report of QUIC Cubic — Data Link

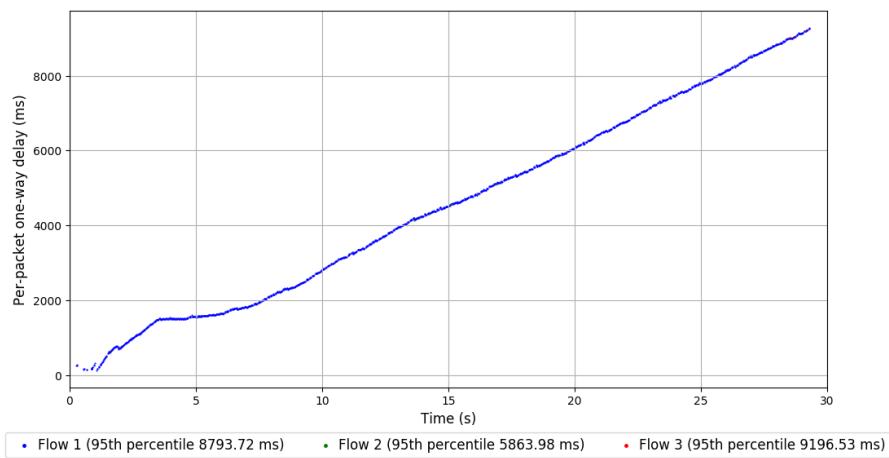
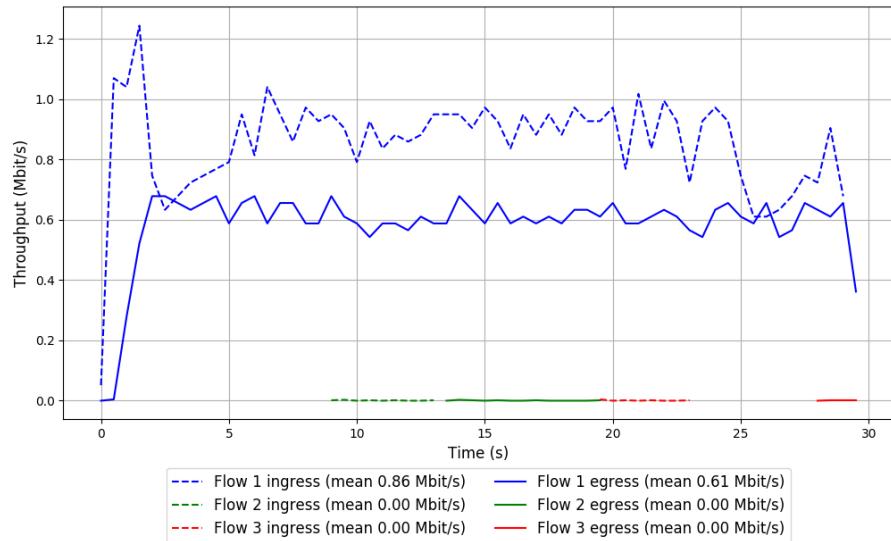


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-05-25 07:49:03
End at: 2018-05-25 07:49:33
Local clock offset: -1.665 ms
Remote clock offset: 4.145 ms

# Below is generated by plot.py at 2018-05-25 10:39:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 8823.125 ms
Loss rate: 30.36%
-- Flow 1:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 8793.719 ms
Loss rate: 30.36%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 5863.981 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 9196.534 ms
Loss rate: 50.00%
```

Run 2: Report of QUIC Cubic — Data Link

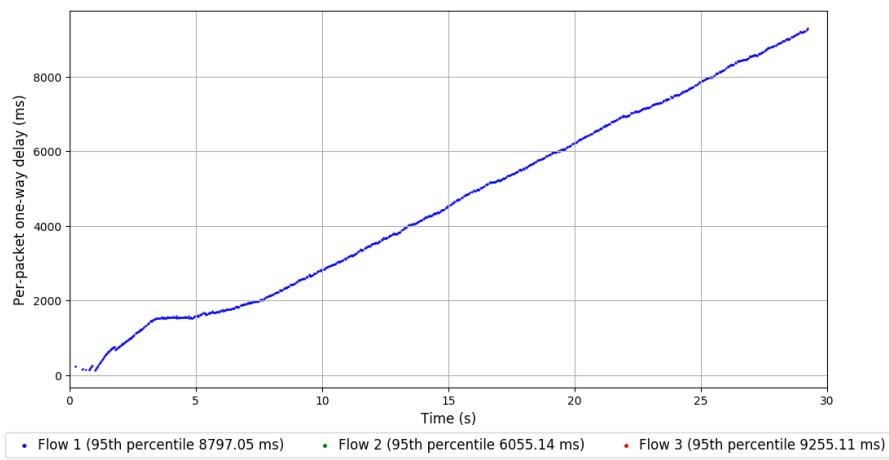
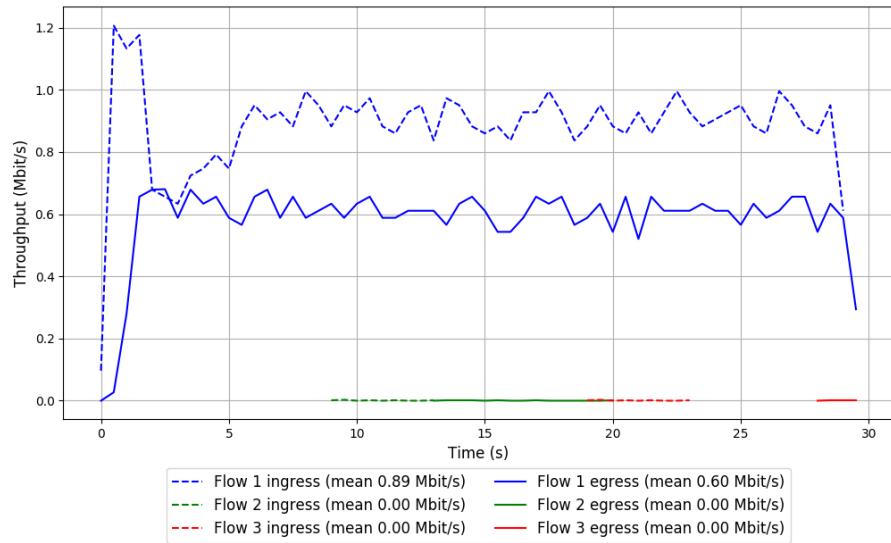


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-05-25 08:08:05
End at: 2018-05-25 08:08:35
Local clock offset: -2.586 ms
Remote clock offset: 8.297 ms

# Below is generated by plot.py at 2018-05-25 10:39:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 8806.639 ms
Loss rate: 32.80%
-- Flow 1:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 8797.053 ms
Loss rate: 32.80%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 6055.140 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 9255.110 ms
Loss rate: 50.00%
```

Run 3: Report of QUIC Cubic — Data Link

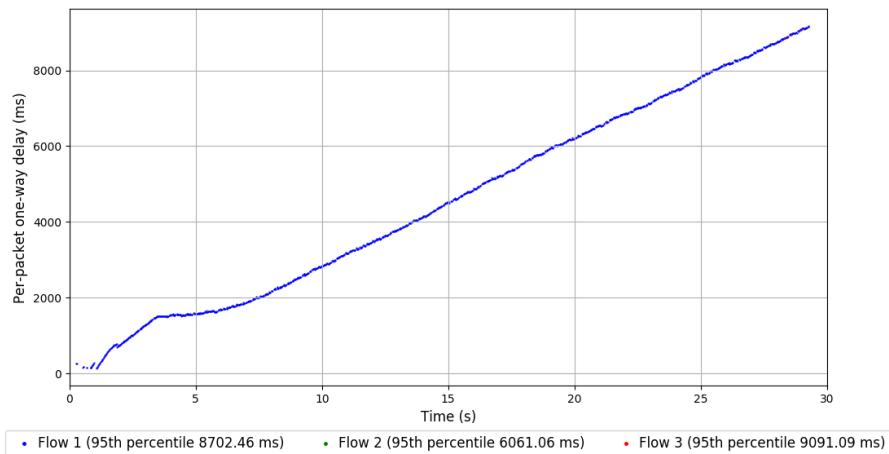
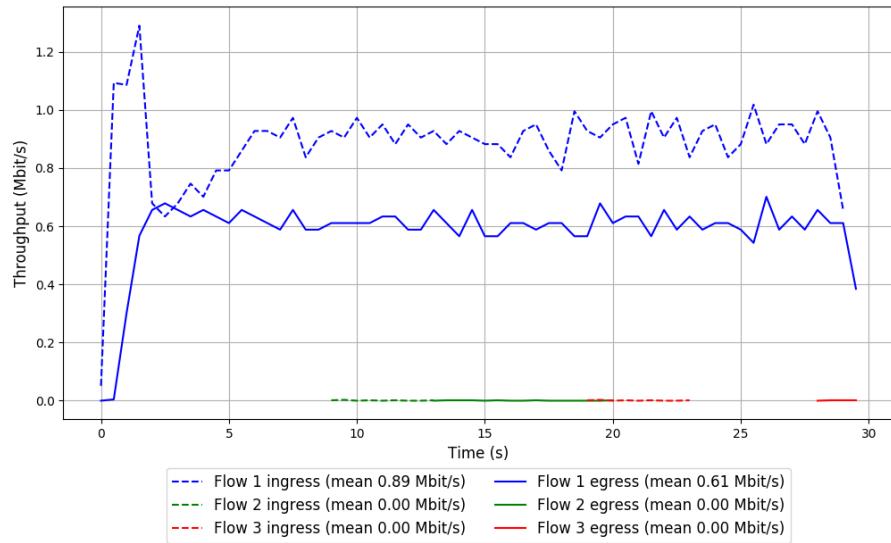


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-05-25 08:27:05
End at: 2018-05-25 08:27:35
Local clock offset: -2.786 ms
Remote clock offset: 3.71 ms

# Below is generated by plot.py at 2018-05-25 10:39:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 8712.810 ms
Loss rate: 32.70%
-- Flow 1:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 8702.459 ms
Loss rate: 32.70%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 6061.057 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 9091.092 ms
Loss rate: 50.00%
```

Run 4: Report of QUIC Cubic — Data Link

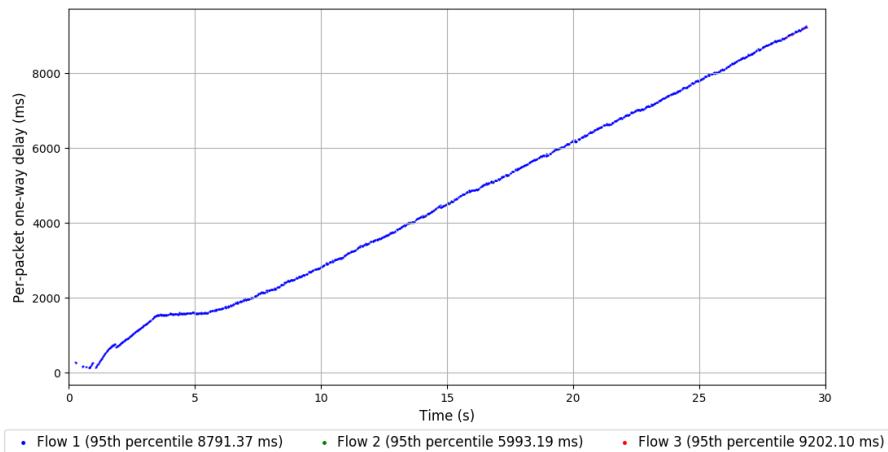
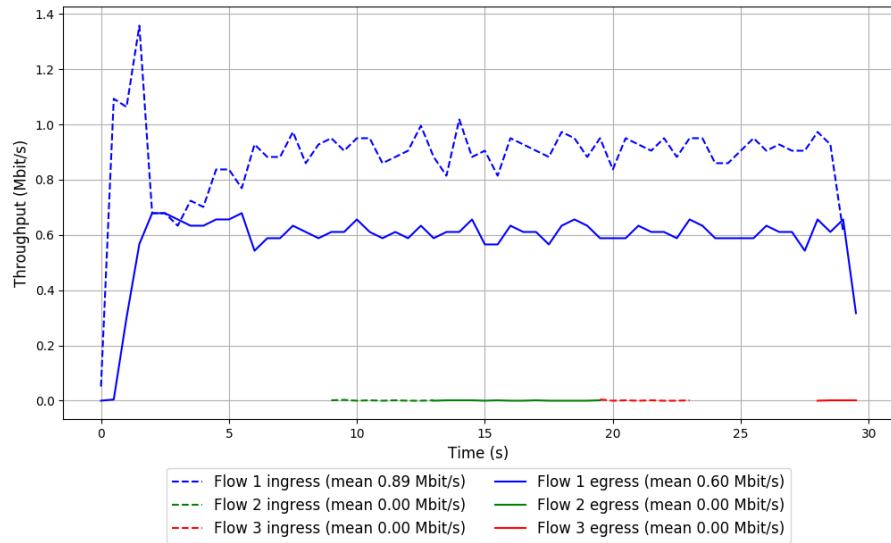


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-05-25 08:46:11
End at: 2018-05-25 08:46:41
Local clock offset: -2.138 ms
Remote clock offset: 8.356 ms

# Below is generated by plot.py at 2018-05-25 10:39:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 8801.656 ms
Loss rate: 32.74%
-- Flow 1:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 8791.369 ms
Loss rate: 32.75%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 5993.191 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 9202.104 ms
Loss rate: 50.00%
```

Run 5: Report of QUIC Cubic — Data Link

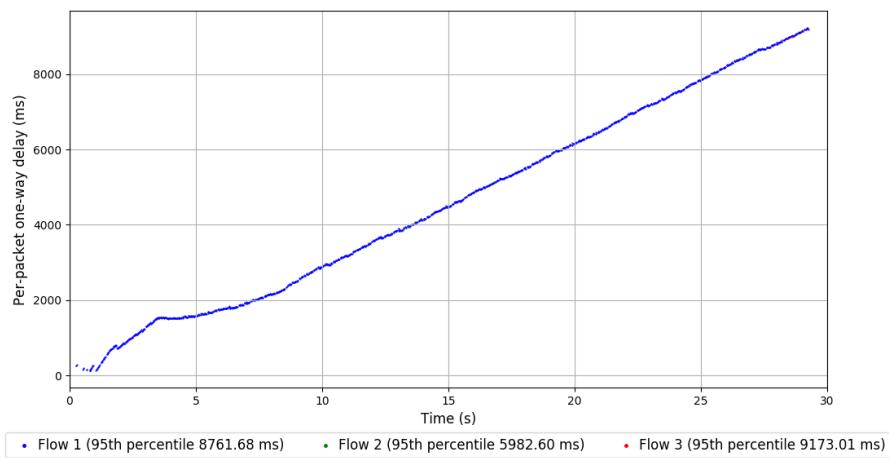
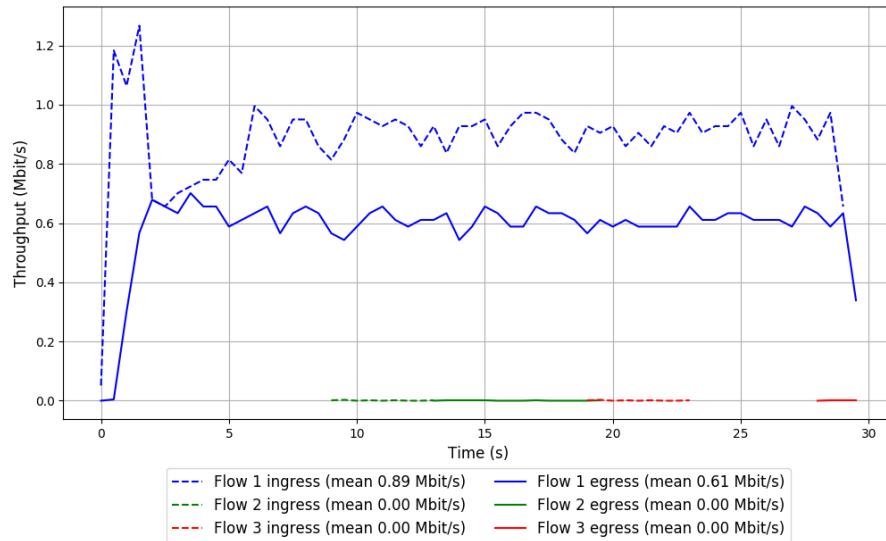


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-05-25 09:05:11
End at: 2018-05-25 09:05:41
Local clock offset: -2.631 ms
Remote clock offset: 8.192 ms

# Below is generated by plot.py at 2018-05-25 10:39:41
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 8772.058 ms
Loss rate: 32.76%
-- Flow 1:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 8761.679 ms
Loss rate: 32.76%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 5982.601 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 9173.006 ms
Loss rate: 50.00%
```

Run 6: Report of QUIC Cubic — Data Link

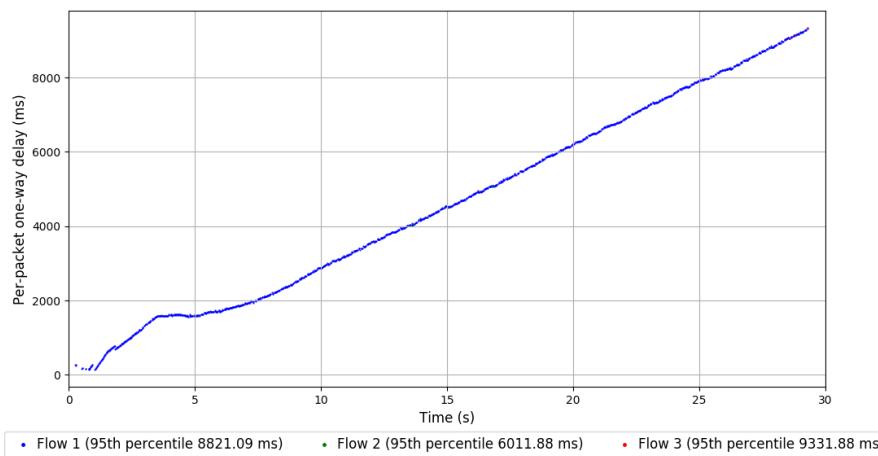
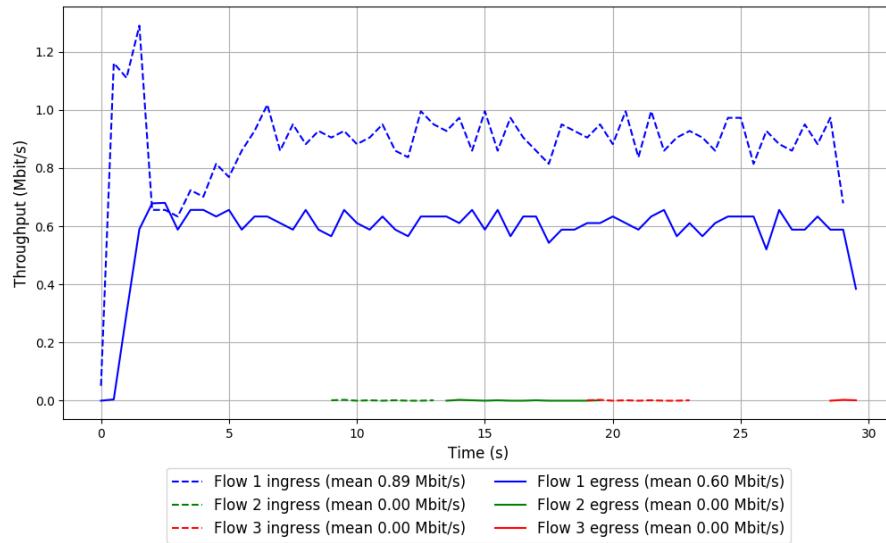


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-05-25 09:24:13
End at: 2018-05-25 09:24:43
Local clock offset: -2.178 ms
Remote clock offset: 3.87 ms

# Below is generated by plot.py at 2018-05-25 10:39:42
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 8821.901 ms
Loss rate: 32.82%
-- Flow 1:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 8821.094 ms
Loss rate: 32.82%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 6011.884 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 9331.883 ms
Loss rate: 50.00%
```

Run 7: Report of QUIC Cubic — Data Link

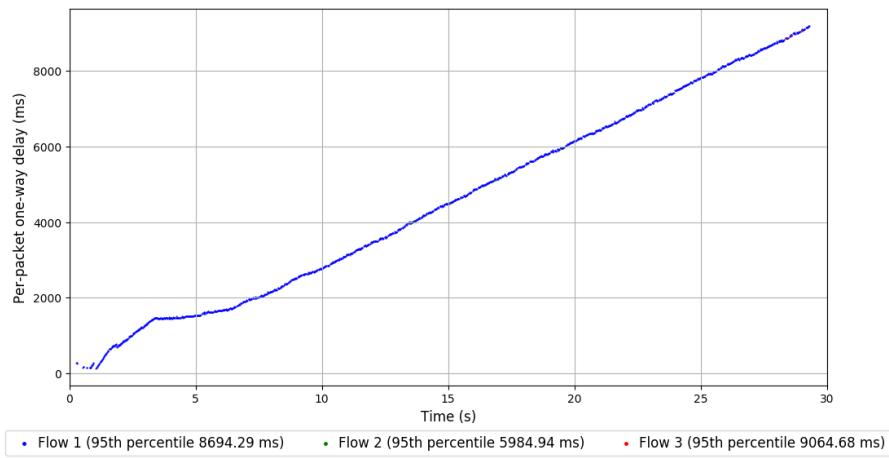
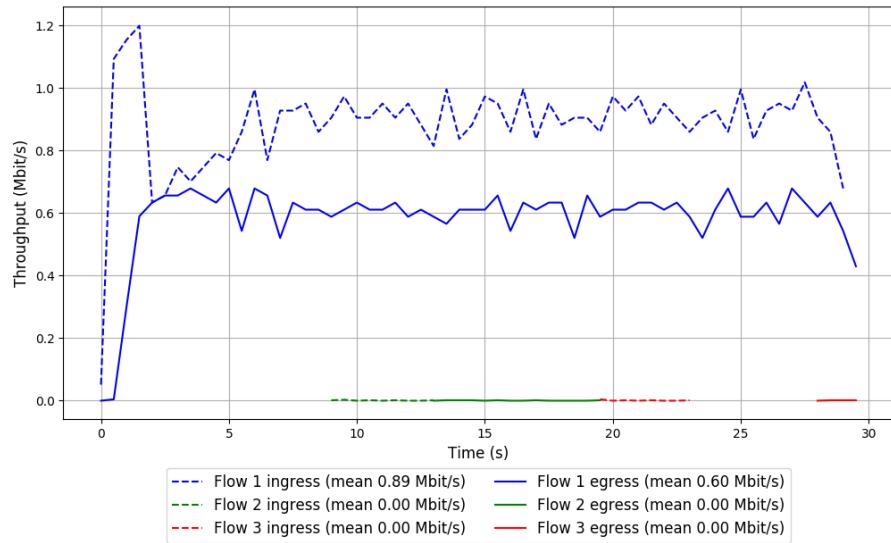


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-05-25 09:43:16
End at: 2018-05-25 09:43:46
Local clock offset: -6.113 ms
Remote clock offset: 2.591 ms

# Below is generated by plot.py at 2018-05-25 10:39:43
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 8713.924 ms
Loss rate: 32.64%
-- Flow 1:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 8694.290 ms
Loss rate: 32.64%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 5984.937 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 9064.679 ms
Loss rate: 50.00%
```

Run 8: Report of QUIC Cubic — Data Link

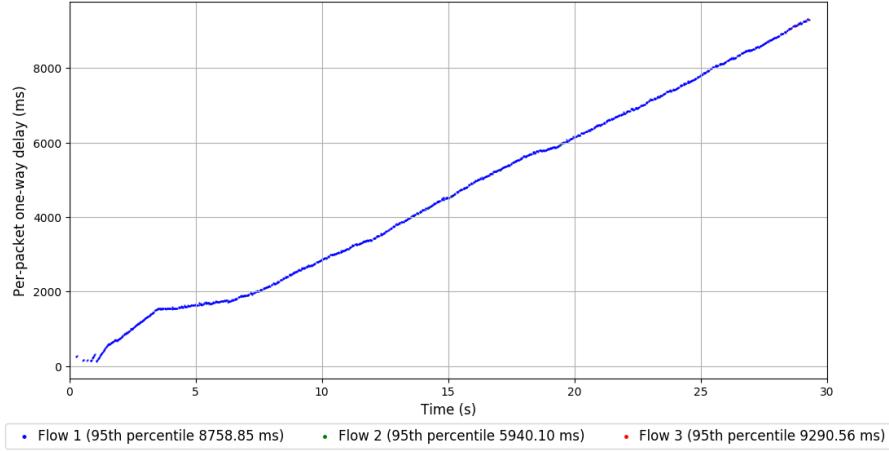
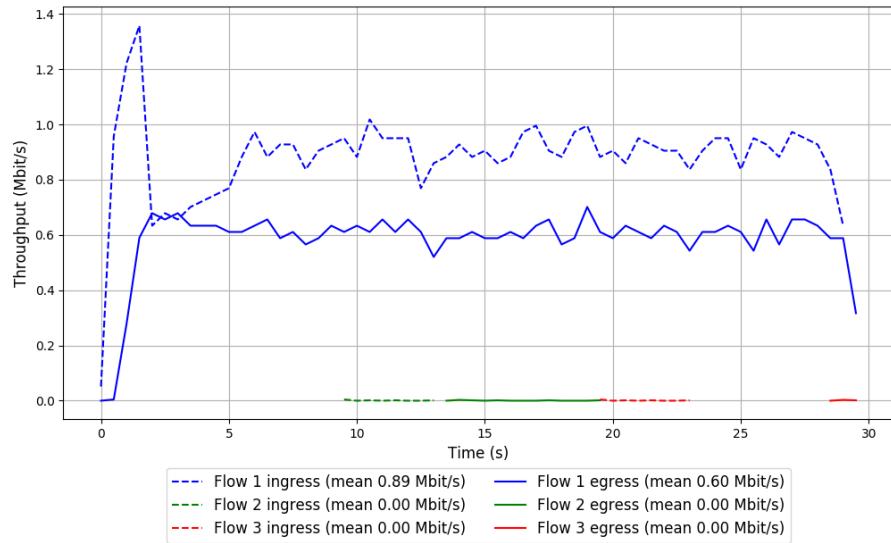


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-05-25 10:02:21
End at: 2018-05-25 10:02:51
Local clock offset: -4.317 ms
Remote clock offset: 14.875 ms

# Below is generated by plot.py at 2018-05-25 10:39:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 8778.821 ms
Loss rate: 32.77%
-- Flow 1:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 8758.846 ms
Loss rate: 32.77%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 5940.103 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 9290.564 ms
Loss rate: 50.00%
```

Run 9: Report of QUIC Cubic — Data Link

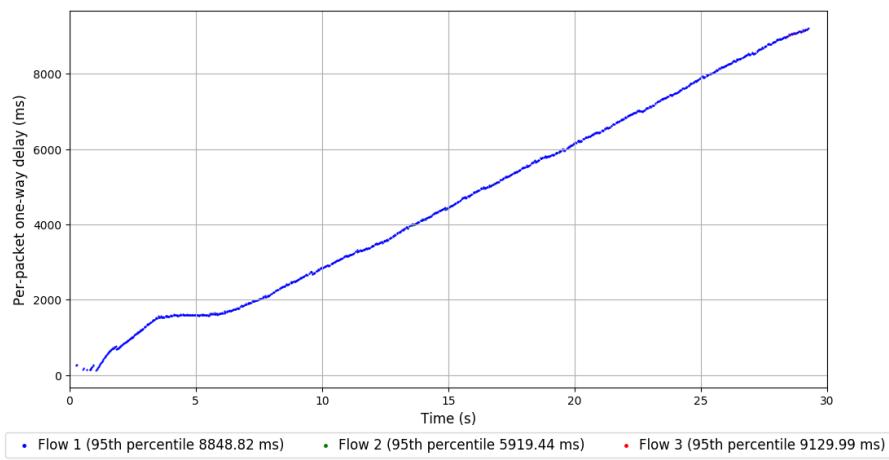
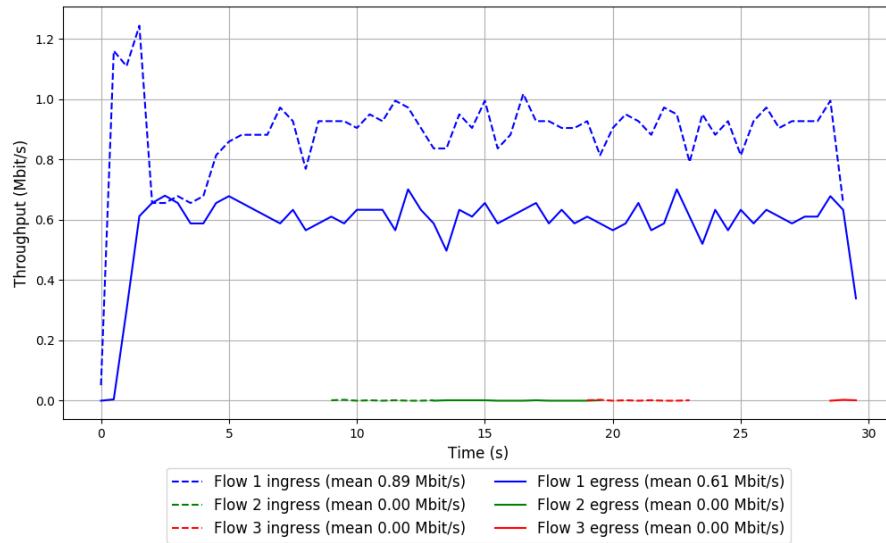


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-05-25 10:21:24
End at: 2018-05-25 10:21:54
Local clock offset: -2.658 ms
Remote clock offset: 18.06 ms

# Below is generated by plot.py at 2018-05-25 10:39:45
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 8858.854 ms
Loss rate: 32.73%
-- Flow 1:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 8848.819 ms
Loss rate: 32.73%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 5919.435 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 9129.993 ms
Loss rate: 50.00%
```

Run 10: Report of QUIC Cubic — Data Link

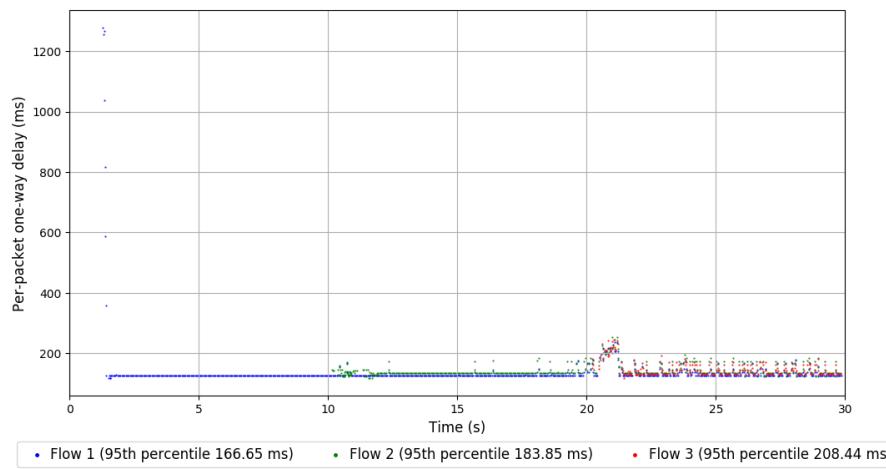
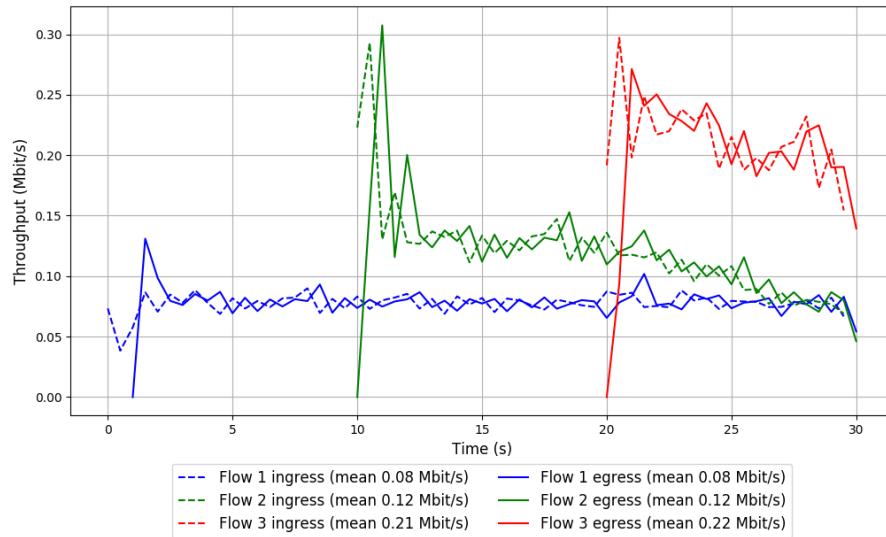


Run 1: Statistics of SCReAM

```
Start at: 2018-05-25 07:38:20
End at: 2018-05-25 07:38:50
Local clock offset: -1.521 ms
Remote clock offset: 4.427 ms

# Below is generated by plot.py at 2018-05-25 10:39:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 183.828 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 166.654 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 183.848 ms
Loss rate: 0.81%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 208.444 ms
Loss rate: 1.79%
```

Run 1: Report of SCReAM — Data Link

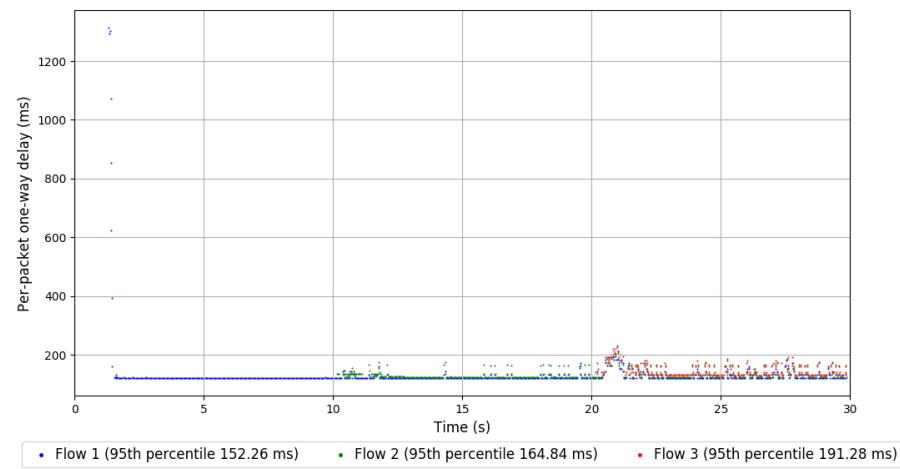
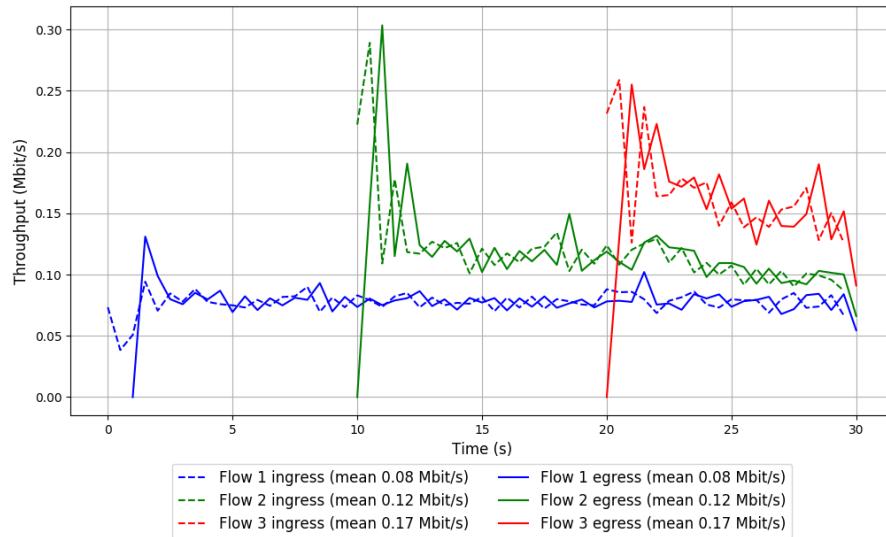


Run 2: Statistics of SCReAM

```
Start at: 2018-05-25 07:57:21
End at: 2018-05-25 07:57:51
Local clock offset: -1.84 ms
Remote clock offset: 9.038 ms

# Below is generated by plot.py at 2018-05-25 10:39:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 171.301 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 152.258 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 164.837 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 191.279 ms
Loss rate: 2.04%
```

Run 2: Report of SCReAM — Data Link

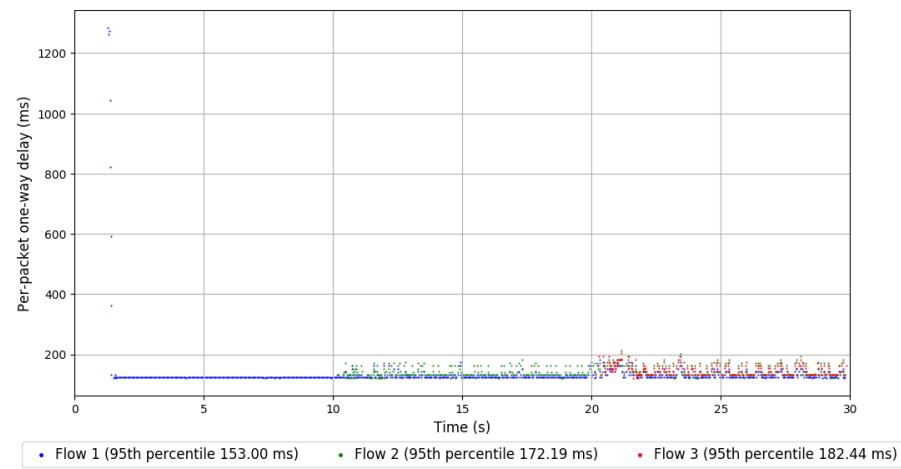
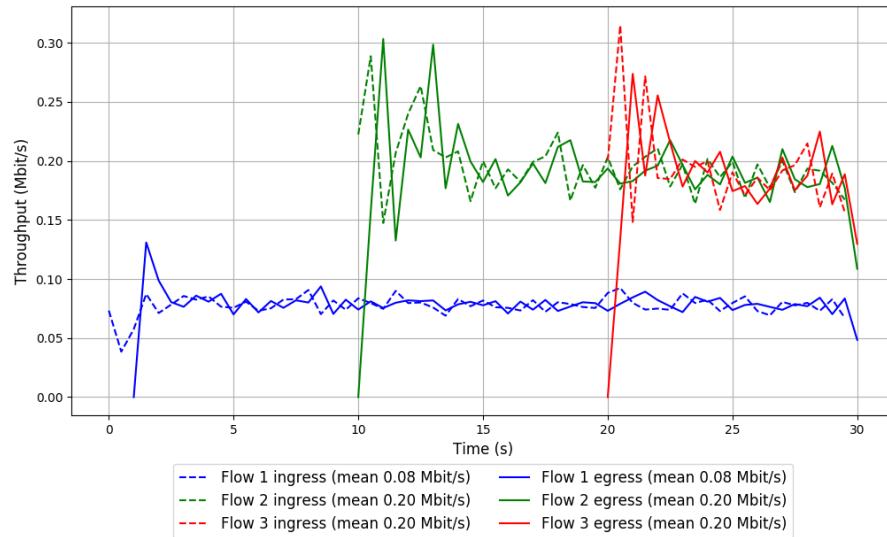


```
Run 3: Statistics of SCReAM

Start at: 2018-05-25 08:16:23
End at: 2018-05-25 08:16:53
Local clock offset: -2.818 ms
Remote clock offset: 3.875 ms

# Below is generated by plot.py at 2018-05-25 10:39:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 172.196 ms
Loss rate: 1.41%
-- Flow 1:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 153.004 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 172.187 ms
Loss rate: 1.41%
-- Flow 3:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 182.437 ms
Loss rate: 2.15%
```

Run 3: Report of SCReAM — Data Link

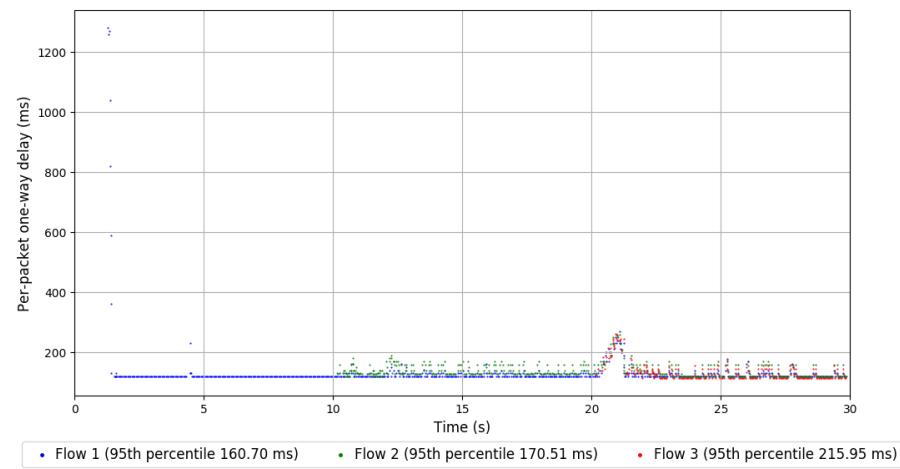
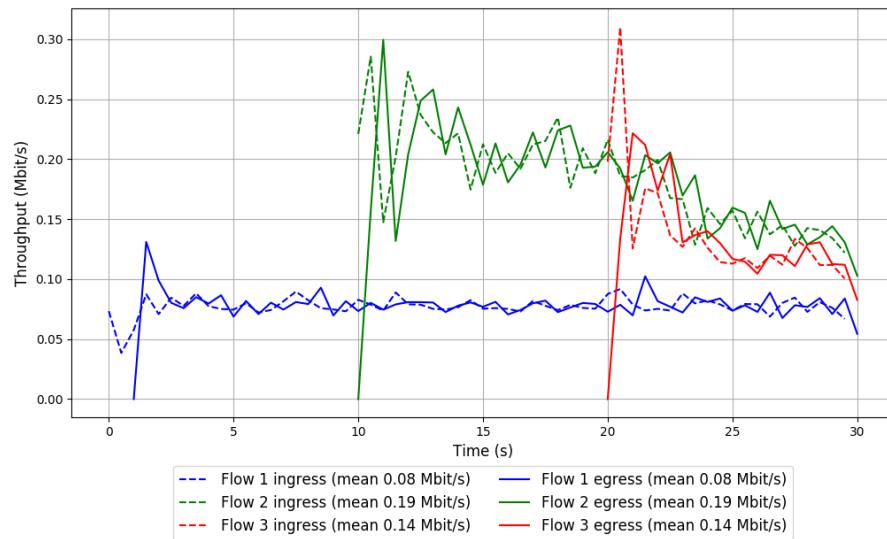


Run 4: Statistics of SCReAM

```
Start at: 2018-05-25 08:35:23
End at: 2018-05-25 08:35:53
Local clock offset: -2.363 ms
Remote clock offset: 7.485 ms

# Below is generated by plot.py at 2018-05-25 10:39:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 175.279 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 160.704 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 170.512 ms
Loss rate: 0.78%
-- Flow 3:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 215.949 ms
Loss rate: 1.62%
```

Run 4: Report of SCReAM — Data Link

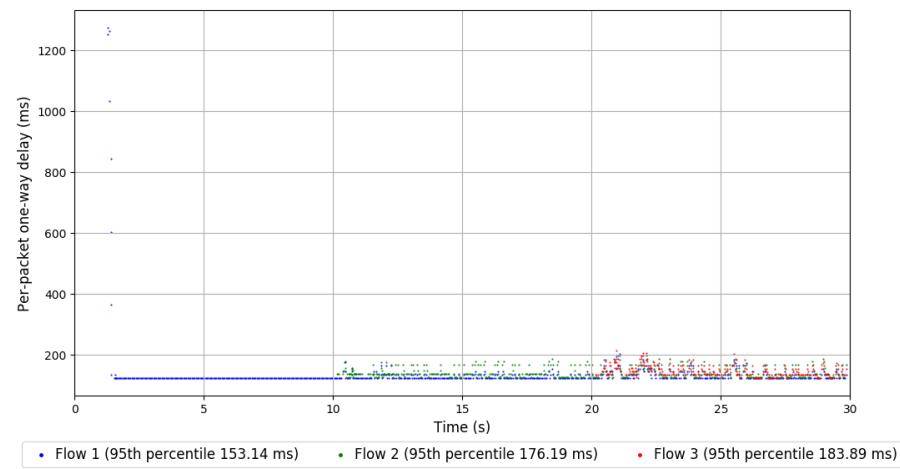
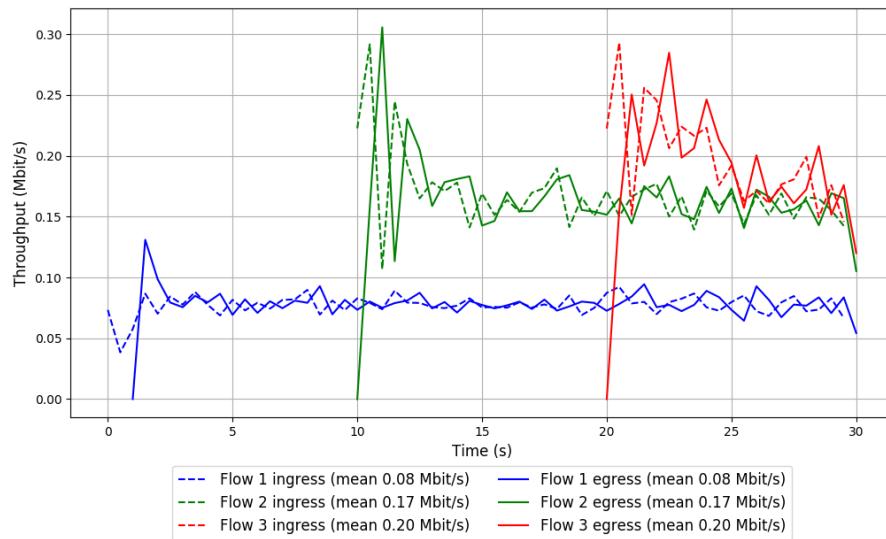


Run 5: Statistics of SCReAM

```
Start at: 2018-05-25 08:54:29
End at: 2018-05-25 08:54:59
Local clock offset: -2.034 ms
Remote clock offset: 3.946 ms

# Below is generated by plot.py at 2018-05-25 10:39:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 173.174 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 153.144 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 176.193 ms
Loss rate: 1.21%
-- Flow 3:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 183.893 ms
Loss rate: 1.98%
```

Run 5: Report of SCReAM — Data Link

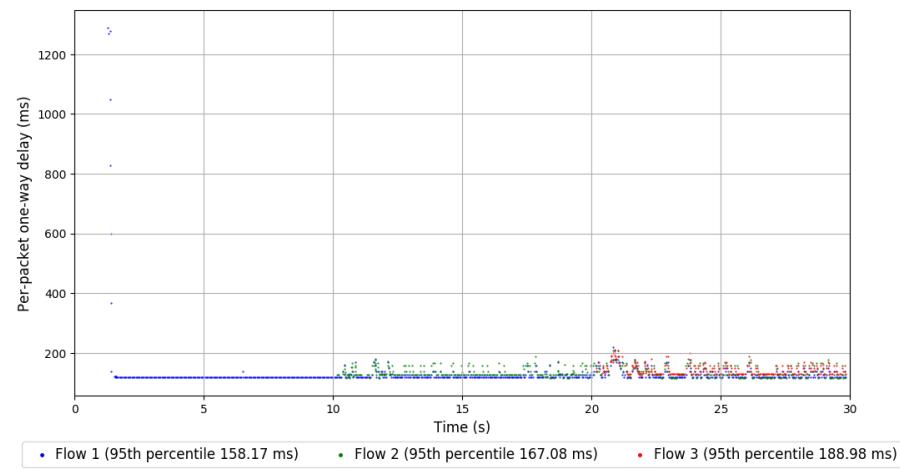
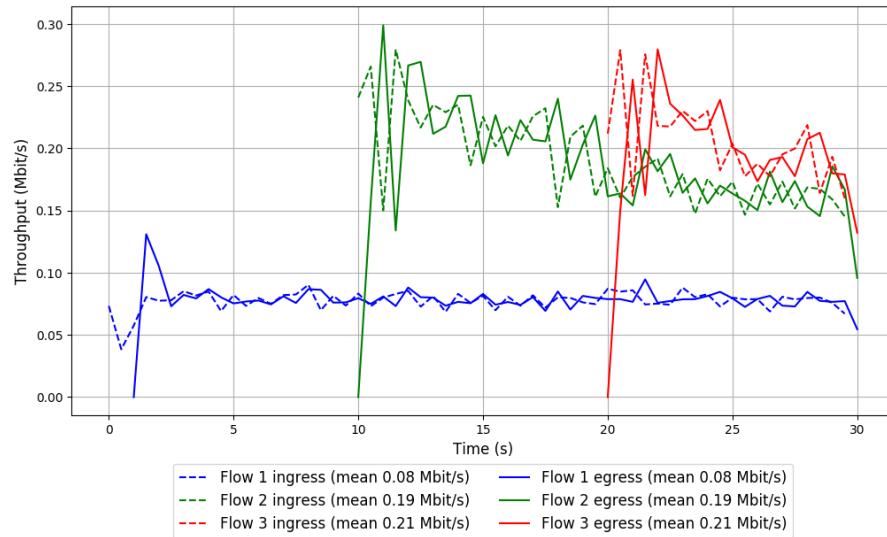


Run 6: Statistics of SCReAM

```
Start at: 2018-05-25 09:13:30
End at: 2018-05-25 09:14:00
Local clock offset: -2.052 ms
Remote clock offset: 8.53 ms

# Below is generated by plot.py at 2018-05-25 10:39:48
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 168.141 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 158.170 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 167.083 ms
Loss rate: 1.08%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 188.984 ms
Loss rate: 2.08%
```

Run 6: Report of SCReAM — Data Link

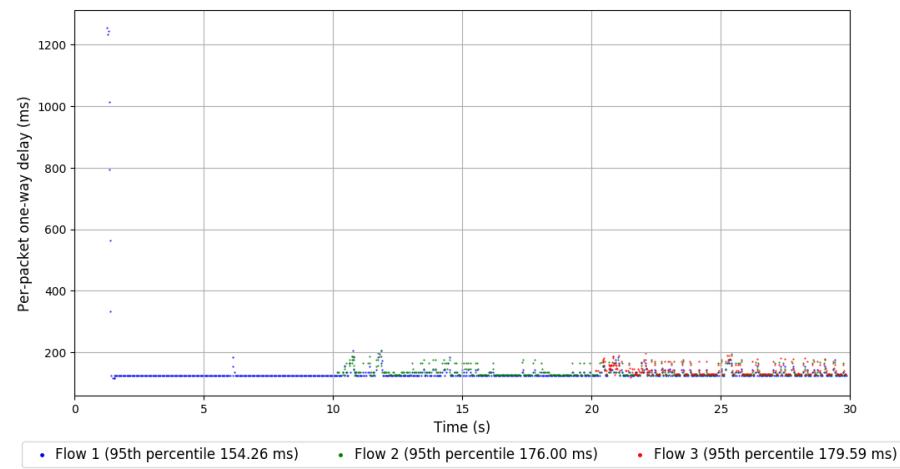
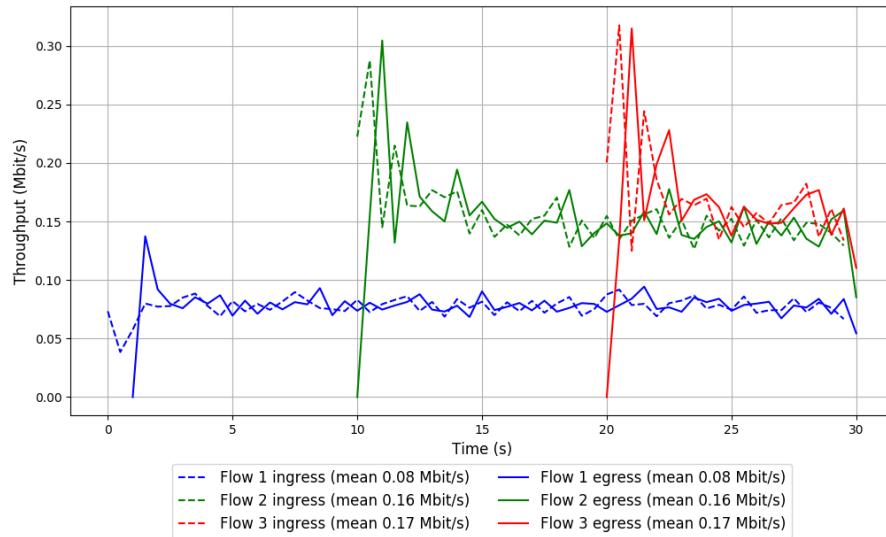


Run 7: Statistics of SCReAM

```
Start at: 2018-05-25 09:32:32
End at: 2018-05-25 09:33:02
Local clock offset: -4.432 ms
Remote clock offset: 7.382 ms

# Below is generated by plot.py at 2018-05-25 10:39:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 169.819 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 154.258 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 175.996 ms
Loss rate: 1.18%
-- Flow 3:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 179.594 ms
Loss rate: 2.08%
```

Run 7: Report of SCReAM — Data Link

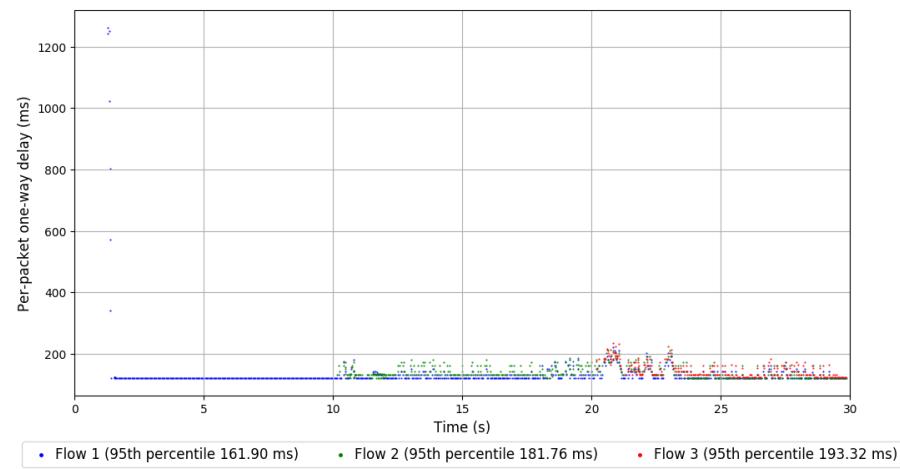
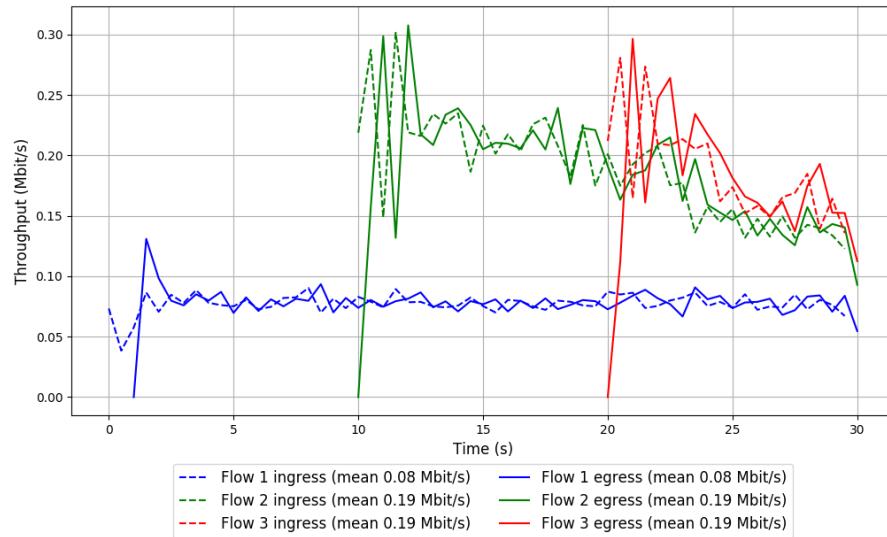


Run 8: Statistics of SCReAM

```
Start at: 2018-05-25 09:51:34
End at: 2018-05-25 09:52:04
Local clock offset: -6.772 ms
Remote clock offset: 7.608 ms

# Below is generated by plot.py at 2018-05-25 10:39:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 181.795 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 161.901 ms
Loss rate: 0.66%
-- Flow 2:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 181.764 ms
Loss rate: 0.77%
-- Flow 3:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 193.324 ms
Loss rate: 1.93%
```

Run 8: Report of SCReAM — Data Link

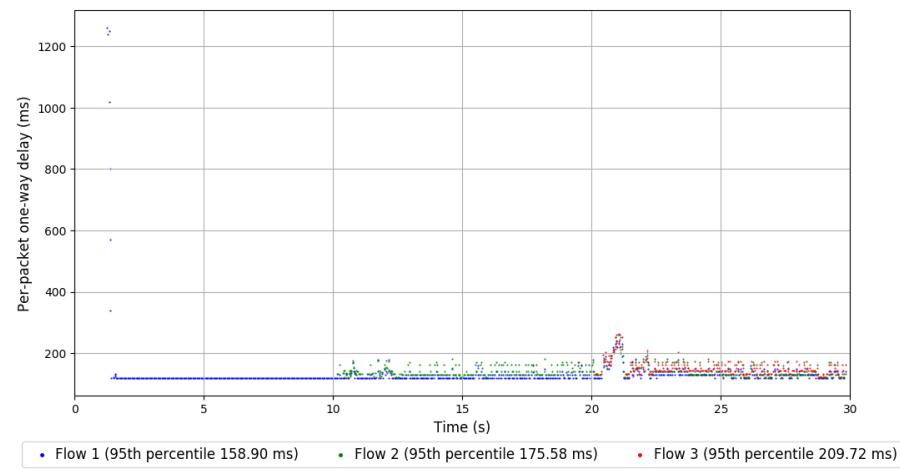
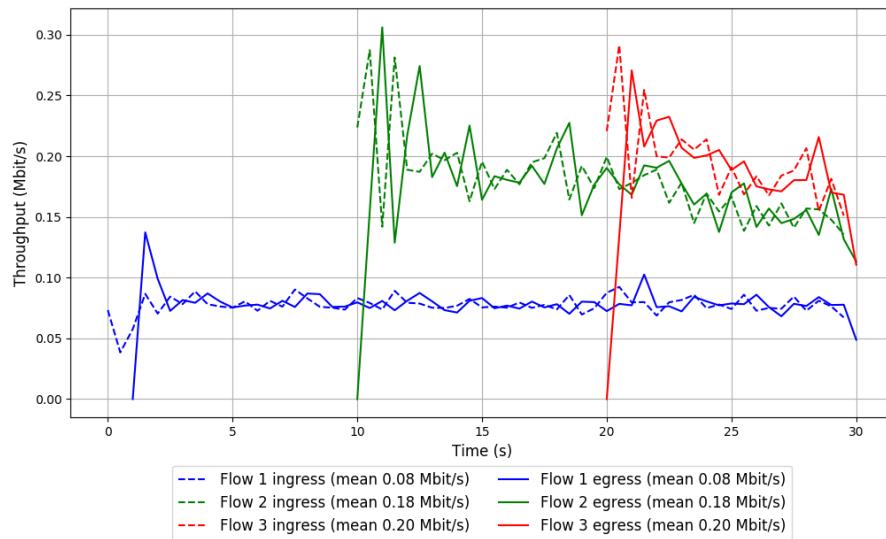


Run 9: Statistics of SCReAM

```
Start at: 2018-05-25 10:10:40
End at: 2018-05-25 10:11:10
Local clock offset: -2.696 ms
Remote clock offset: 12.601 ms

# Below is generated by plot.py at 2018-05-25 10:39:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 179.528 ms
Loss rate: 1.32%
-- Flow 1:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 158.900 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 175.577 ms
Loss rate: 1.07%
-- Flow 3:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 209.719 ms
Loss rate: 2.42%
```

Run 9: Report of SCReAM — Data Link

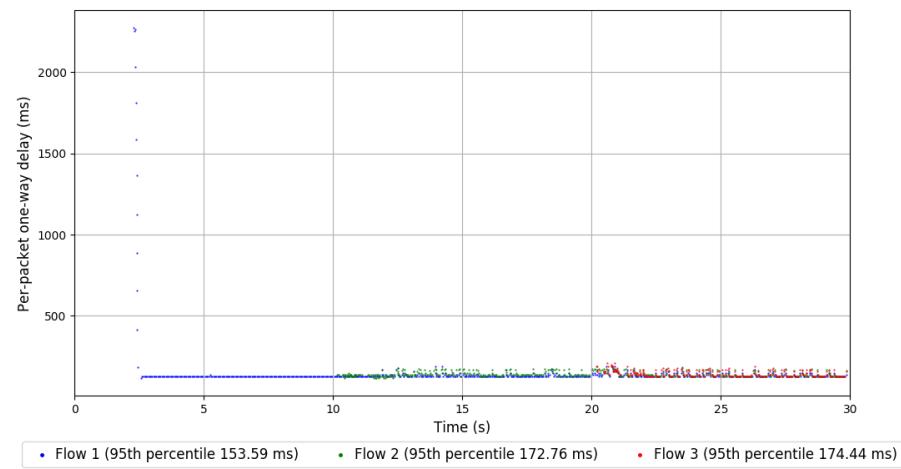
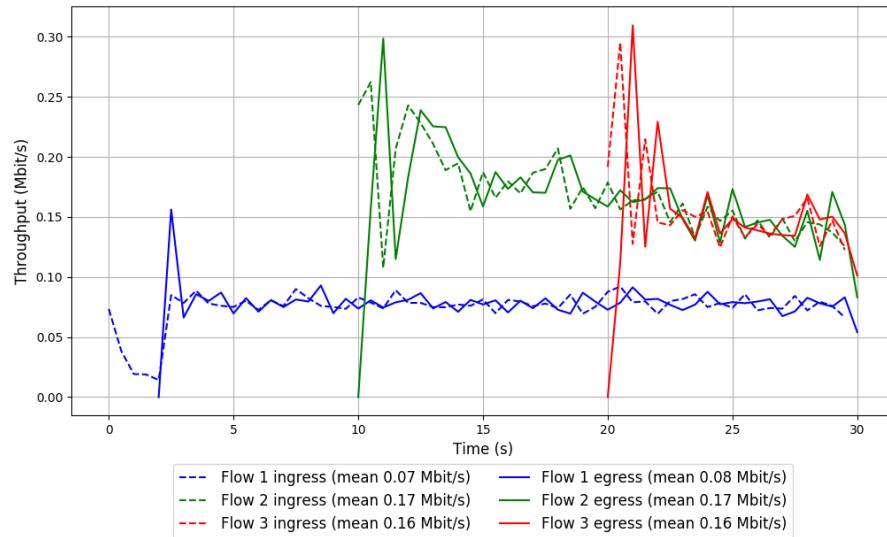


Run 10: Statistics of SCReAM

```
Start at: 2018-05-25 10:29:42
End at: 2018-05-25 10:30:12
Local clock offset: -2.521 ms
Remote clock offset: 18.396 ms

# Below is generated by plot.py at 2018-05-25 10:39:51
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 165.452 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 153.594 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 172.763 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 174.445 ms
Loss rate: 2.09%
```

Run 10: Report of SCReAM — Data Link

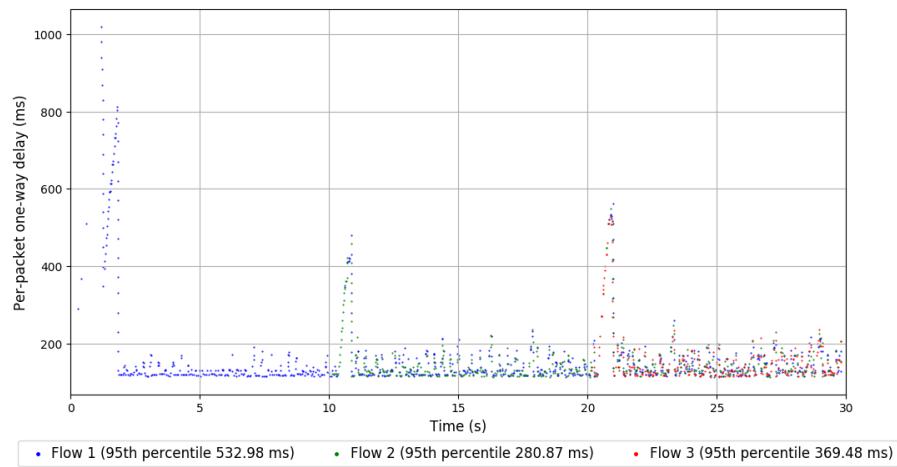
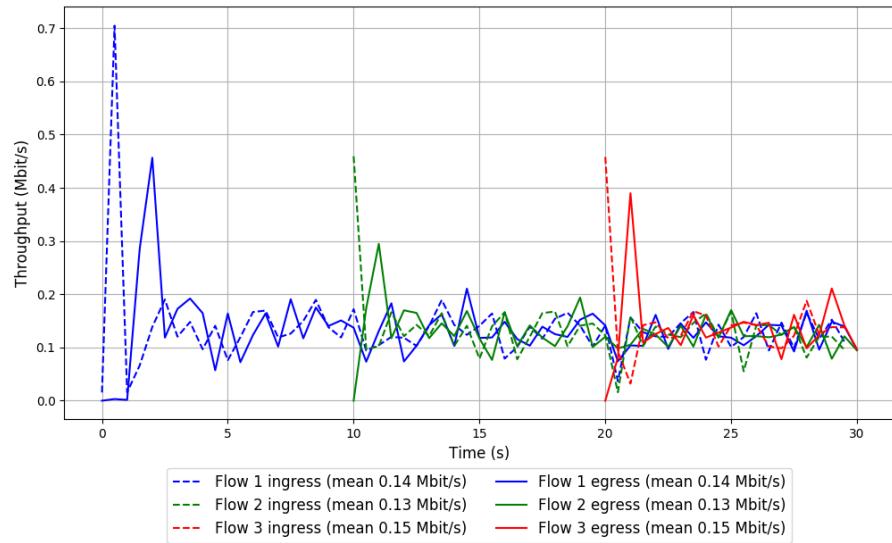


Run 1: Statistics of Sprout

```
Start at: 2018-05-25 07:39:31
End at: 2018-05-25 07:40:01
Local clock offset: -1.557 ms
Remote clock offset: 7.48 ms

# Below is generated by plot.py at 2018-05-25 10:39:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 420.995 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 532.983 ms
Loss rate: 0.85%
-- Flow 2:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 280.865 ms
Loss rate: 0.88%
-- Flow 3:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 369.477 ms
Loss rate: 1.56%
```

Run 1: Report of Sprout — Data Link

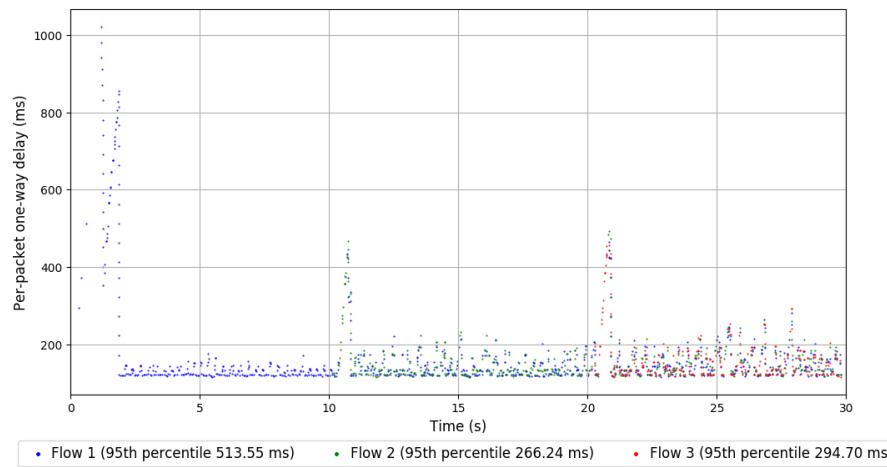
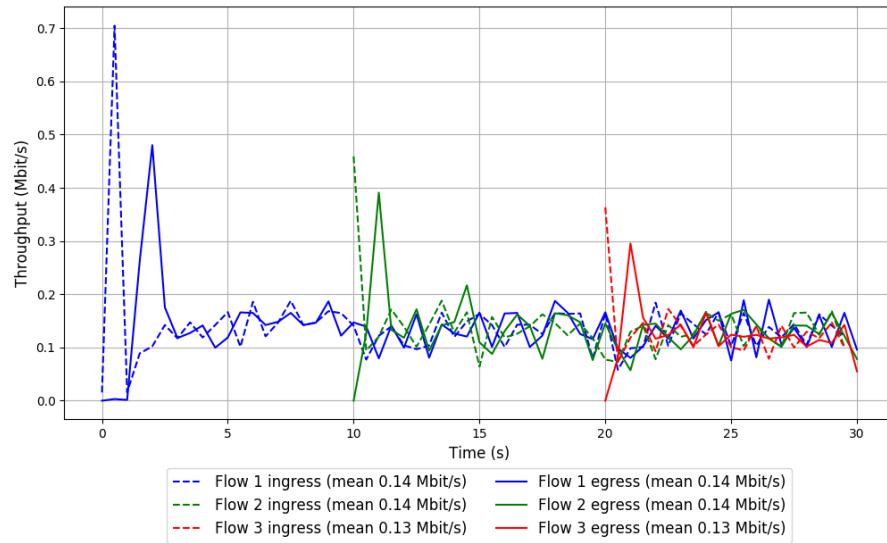


Run 2: Statistics of Sprout

```
Start at: 2018-05-25 07:58:33
End at: 2018-05-25 07:59:03
Local clock offset: -2.015 ms
Remote clock offset: 5.237 ms

# Below is generated by plot.py at 2018-05-25 10:39:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 386.071 ms
Loss rate: 1.56%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 513.551 ms
Loss rate: 0.83%
-- Flow 2:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 266.240 ms
Loss rate: 1.70%
-- Flow 3:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 294.702 ms
Loss rate: 3.56%
```

Run 2: Report of Sprout — Data Link

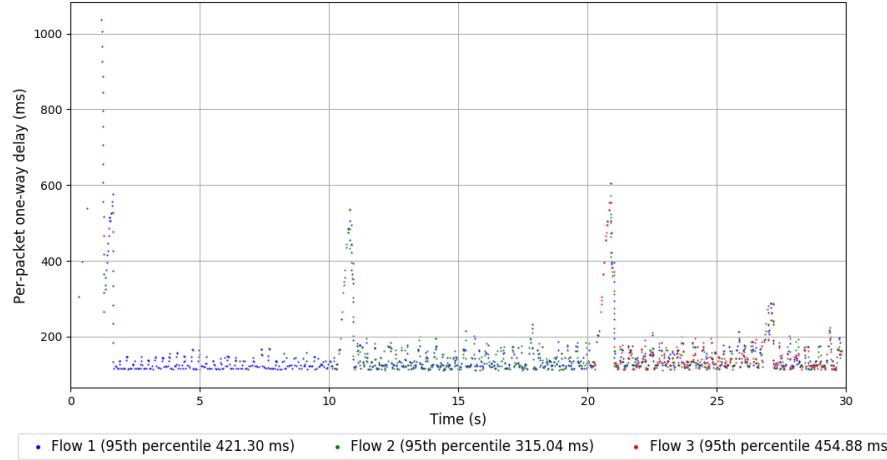
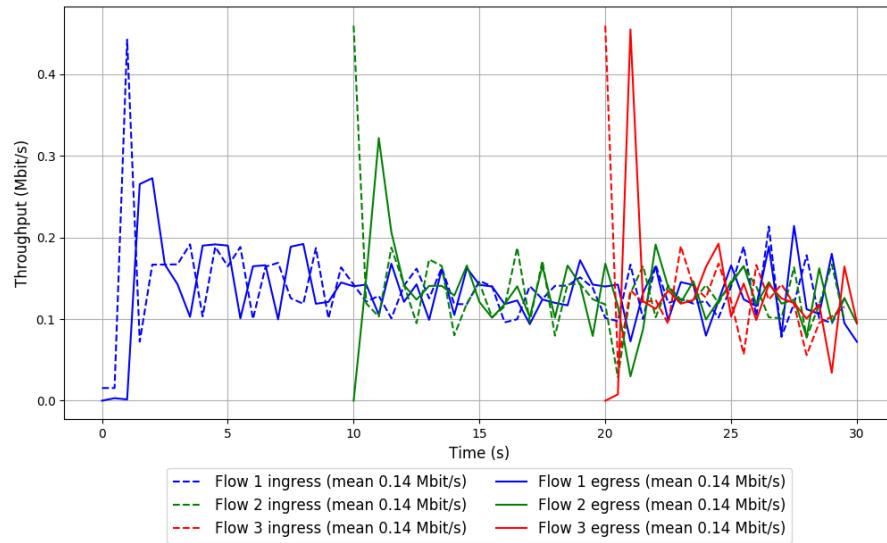


Run 3: Statistics of Sprout

```
Start at: 2018-05-25 08:17:34
End at: 2018-05-25 08:18:04
Local clock offset: -2.939 ms
Remote clock offset: 8.669 ms

# Below is generated by plot.py at 2018-05-25 10:39:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 395.341 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 421.303 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 315.040 ms
Loss rate: 1.32%
-- Flow 3:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 454.877 ms
Loss rate: 0.90%
```

Run 3: Report of Sprout — Data Link

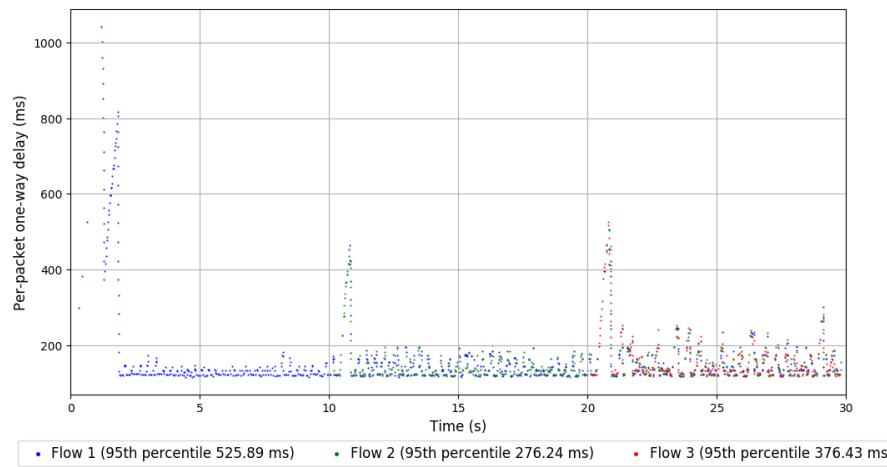
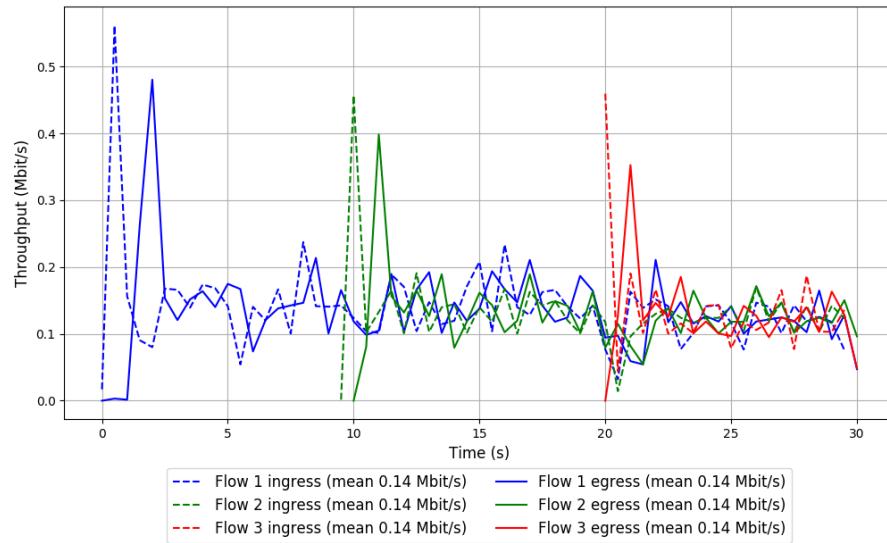


Run 4: Statistics of Sprout

```
Start at: 2018-05-25 08:36:35
End at: 2018-05-25 08:37:05
Local clock offset: -2.333 ms
Remote clock offset: 3.669 ms

# Below is generated by plot.py at 2018-05-25 10:39:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 406.252 ms
Loss rate: 1.43%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 525.895 ms
Loss rate: 0.86%
-- Flow 2:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 276.243 ms
Loss rate: 1.34%
-- Flow 3:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 376.434 ms
Loss rate: 3.35%
```

Run 4: Report of Sprout — Data Link

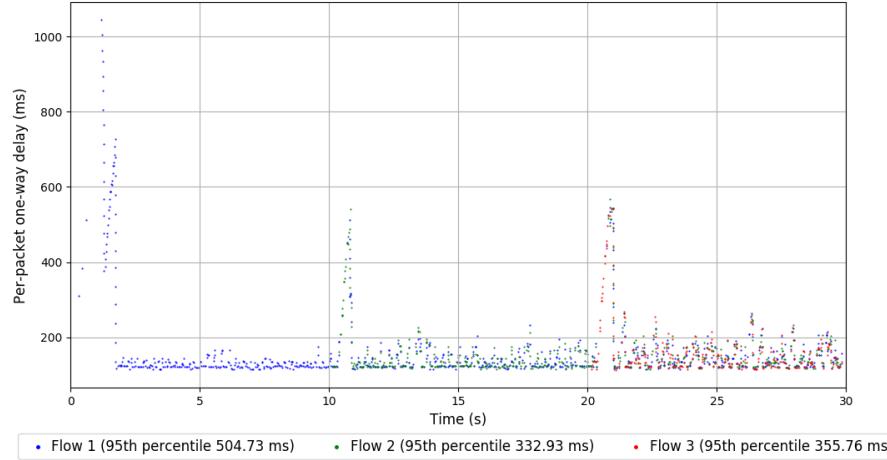
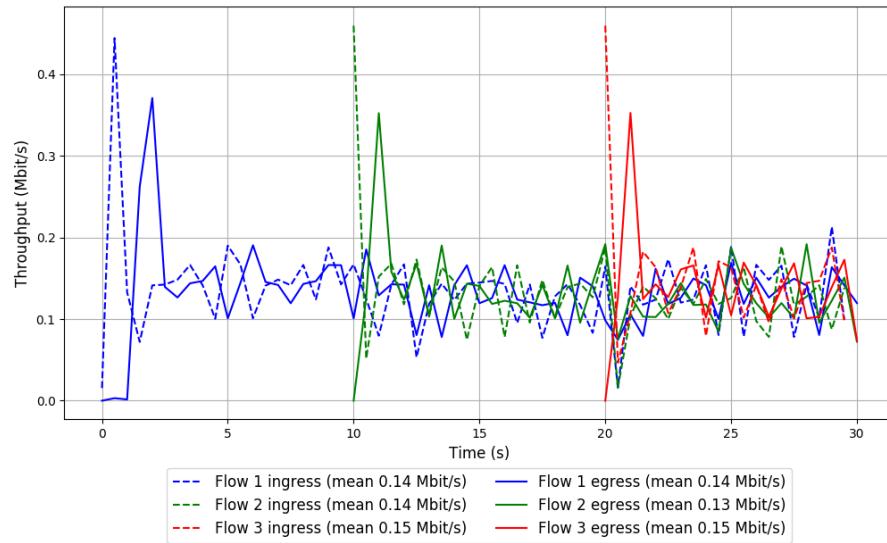


Run 5: Statistics of Sprout

```
Start at: 2018-05-25 08:55:40
End at: 2018-05-25 08:56:10
Local clock offset: -2.047 ms
Remote clock offset: 8.779 ms

# Below is generated by plot.py at 2018-05-25 10:39:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 429.470 ms
Loss rate: 1.32%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 504.731 ms
Loss rate: 0.69%
-- Flow 2:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 332.932 ms
Loss rate: 1.32%
-- Flow 3:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 355.765 ms
Loss rate: 3.05%
```

Run 5: Report of Sprout — Data Link

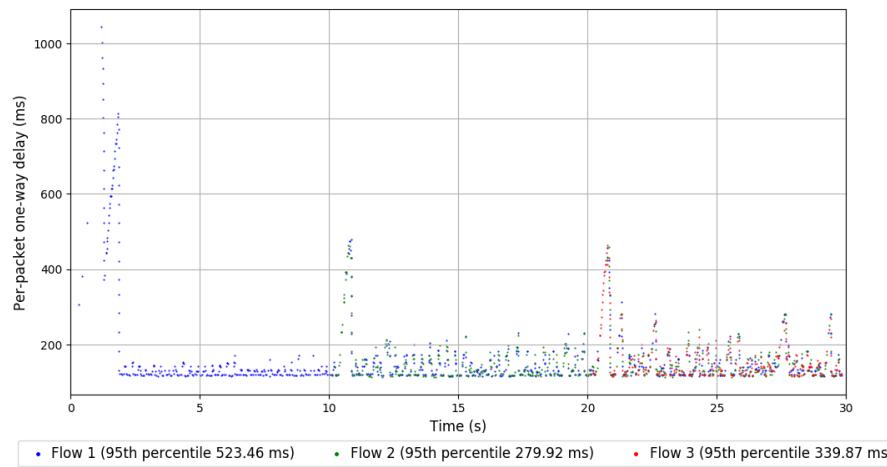
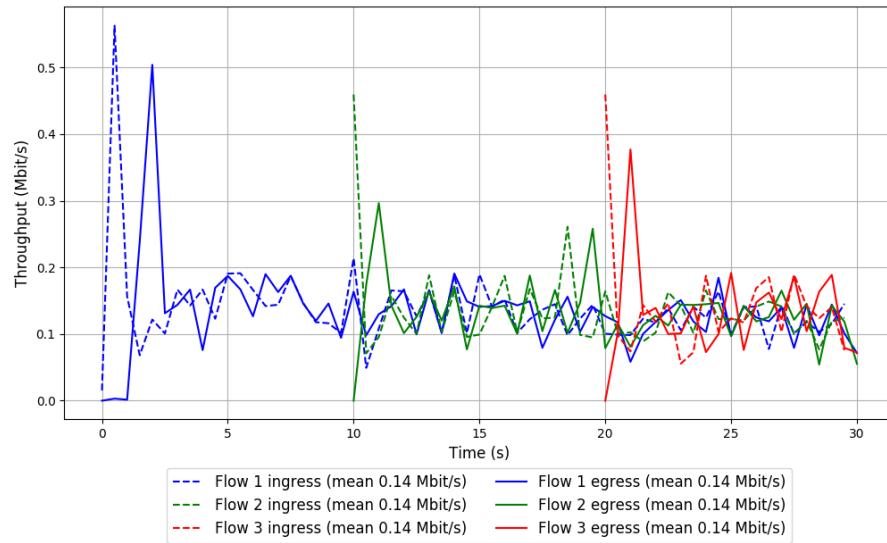


Run 6: Statistics of Sprout

```
Start at: 2018-05-25 09:14:41
End at: 2018-05-25 09:15:11
Local clock offset: -2.056 ms
Remote clock offset: 9.227 ms

# Below is generated by plot.py at 2018-05-25 10:39:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 406.958 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 523.459 ms
Loss rate: 1.13%
-- Flow 2:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 279.920 ms
Loss rate: 1.34%
-- Flow 3:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 339.868 ms
Loss rate: 2.45%
```

Run 6: Report of Sprout — Data Link

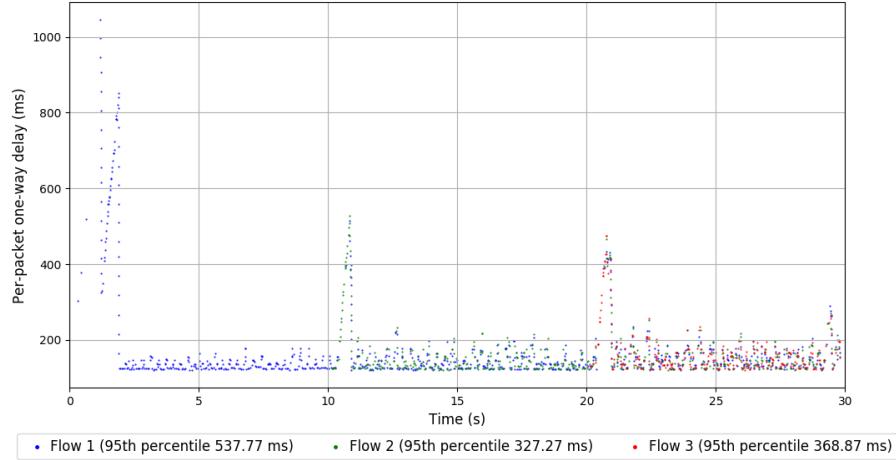
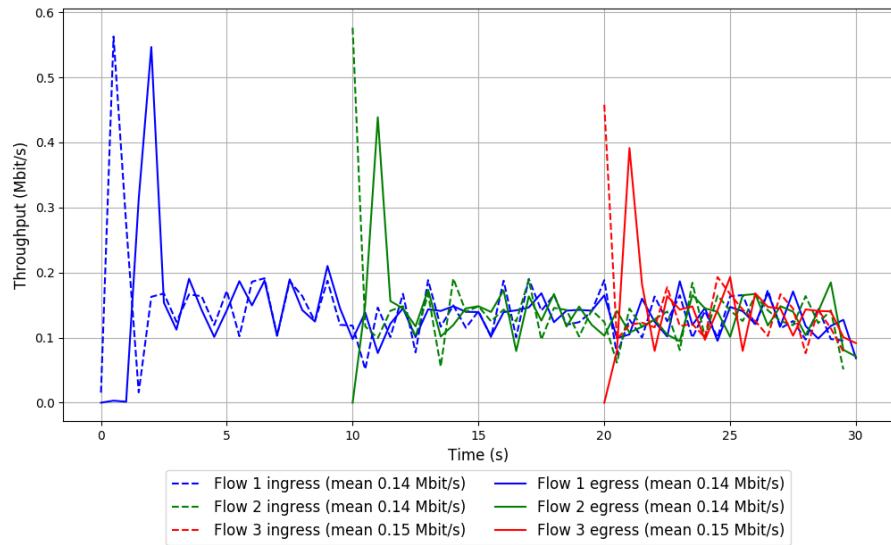


Run 7: Statistics of Sprout

```
Start at: 2018-05-25 09:33:44
End at: 2018-05-25 09:34:14
Local clock offset: -4.663 ms
Remote clock offset: 2.658 ms

# Below is generated by plot.py at 2018-05-25 10:39:56
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 414.777 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 537.774 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 327.268 ms
Loss rate: 0.81%
-- Flow 3:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 368.867 ms
Loss rate: 0.22%
```

Run 7: Report of Sprout — Data Link

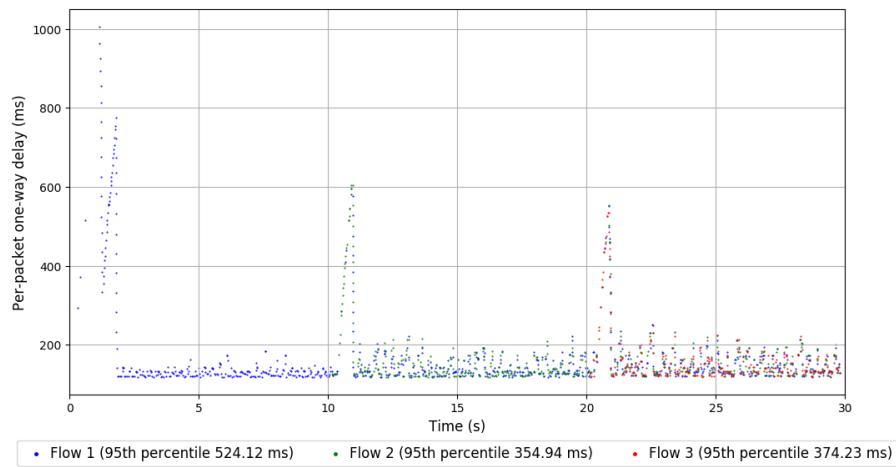
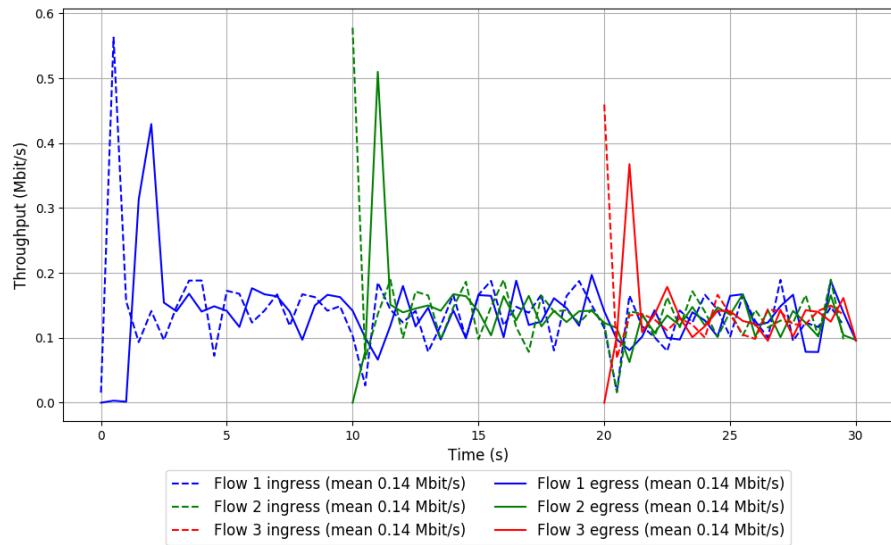


Run 8: Statistics of Sprout

```
Start at: 2018-05-25 09:52:48
End at: 2018-05-25 09:53:18
Local clock offset: -6.925 ms
Remote clock offset: 8.103 ms

# Below is generated by plot.py at 2018-05-25 10:39:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 444.249 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 524.123 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 354.945 ms
Loss rate: 1.60%
-- Flow 3:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 374.233 ms
Loss rate: 2.43%
```

Run 8: Report of Sprout — Data Link

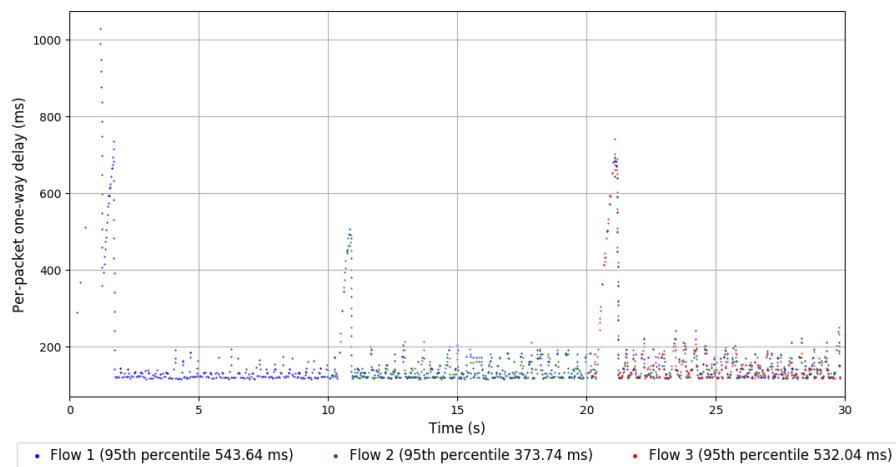
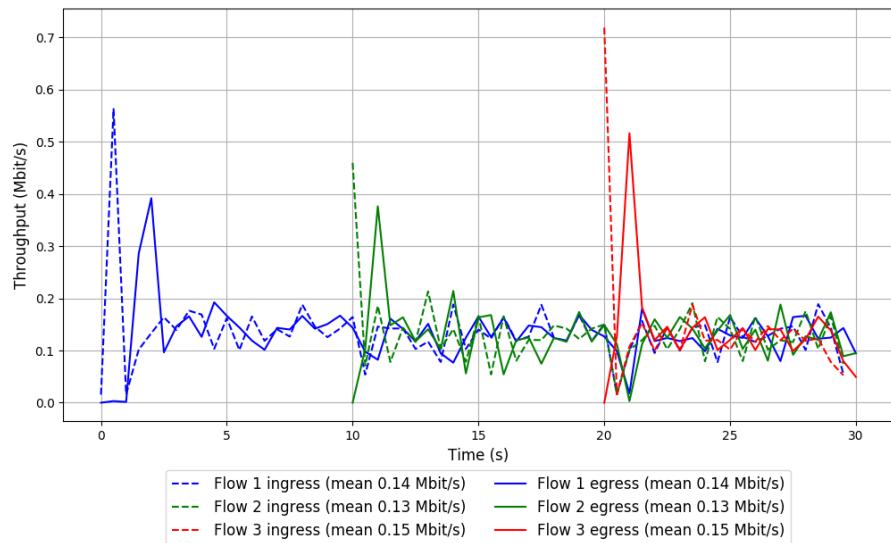


Run 9: Statistics of Sprout

```
Start at: 2018-05-25 10:11:52
End at: 2018-05-25 10:12:22
Local clock offset: -3.336 ms
Remote clock offset: 15.783 ms

# Below is generated by plot.py at 2018-05-25 10:39:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 491.375 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 543.643 ms
Loss rate: 0.35%
-- Flow 2:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 373.743 ms
Loss rate: 1.14%
-- Flow 3:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 532.038 ms
Loss rate: 0.22%
```

Run 9: Report of Sprout — Data Link

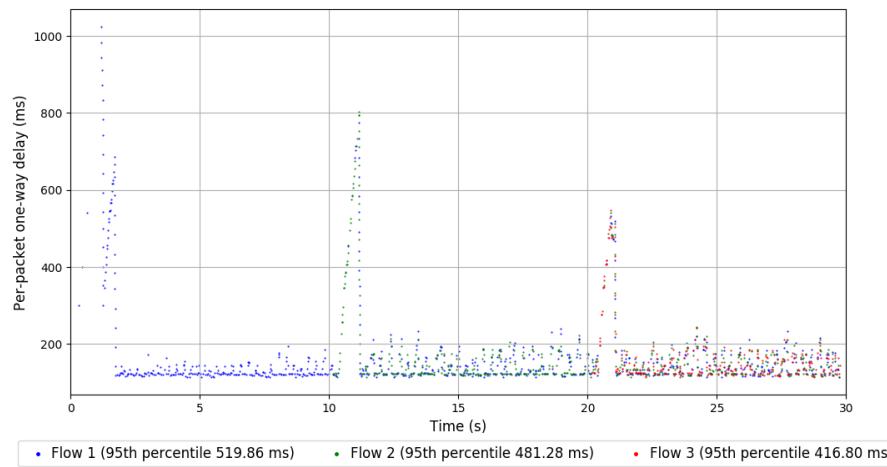
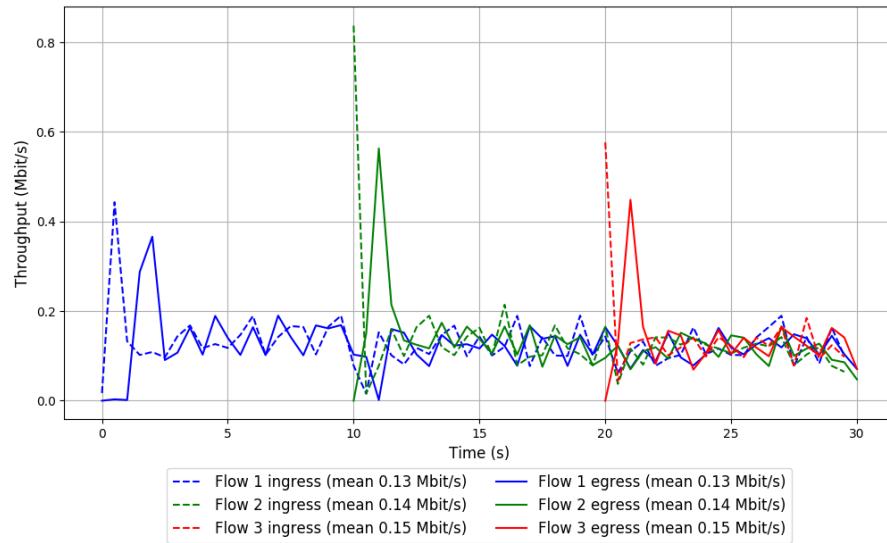


Run 10: Statistics of Sprout

```
Start at: 2018-05-25 10:30:54
End at: 2018-05-25 10:31:24
Local clock offset: -3.359 ms
Remote clock offset: 18.487 ms

# Below is generated by plot.py at 2018-05-25 10:39:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 483.845 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 519.863 ms
Loss rate: 1.24%
-- Flow 2:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 481.276 ms
Loss rate: 0.78%
-- Flow 3:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 416.797 ms
Loss rate: 1.05%
```

Run 10: Report of Sprout — Data Link

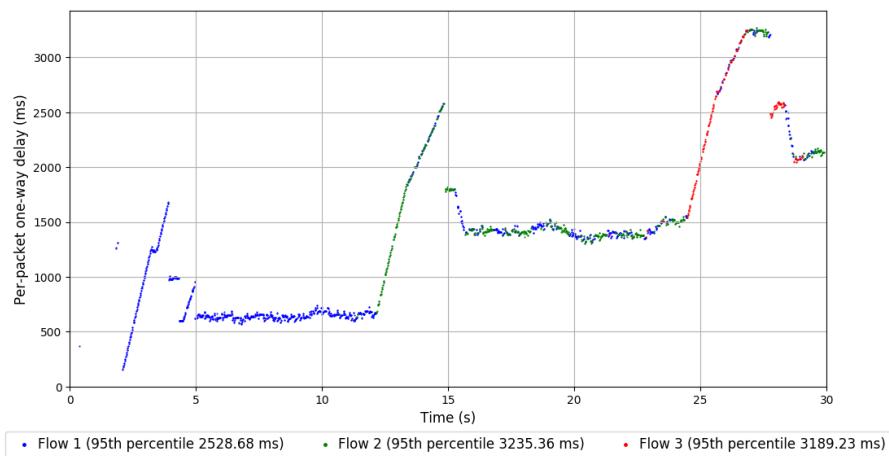
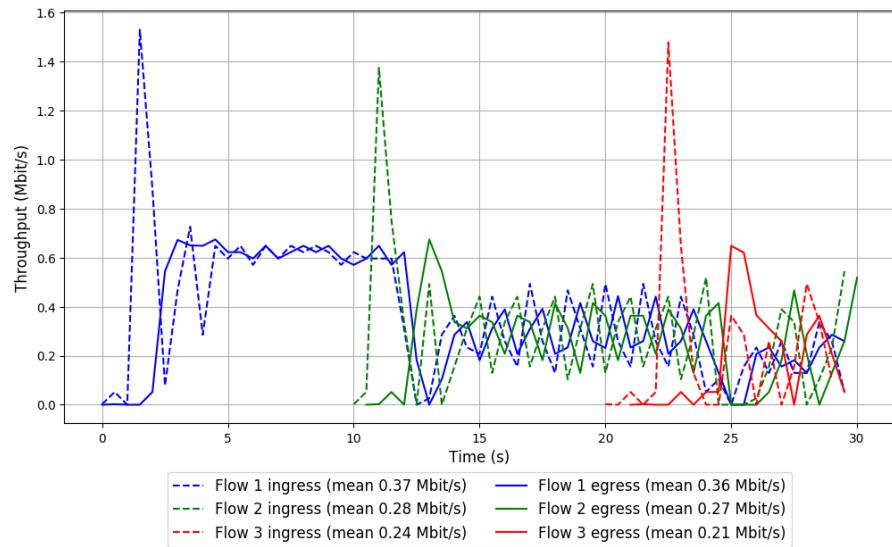


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-05-25 07:46:40
End at: 2018-05-25 07:47:10
Local clock offset: -1.664 ms
Remote clock offset: 4.08 ms

# Below is generated by plot.py at 2018-05-25 10:39:58
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 3059.253 ms
Loss rate: 7.73%
-- Flow 1:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 2528.676 ms
Loss rate: 4.18%
-- Flow 2:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 3235.355 ms
Loss rate: 7.91%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 3189.233 ms
Loss rate: 24.99%
```

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

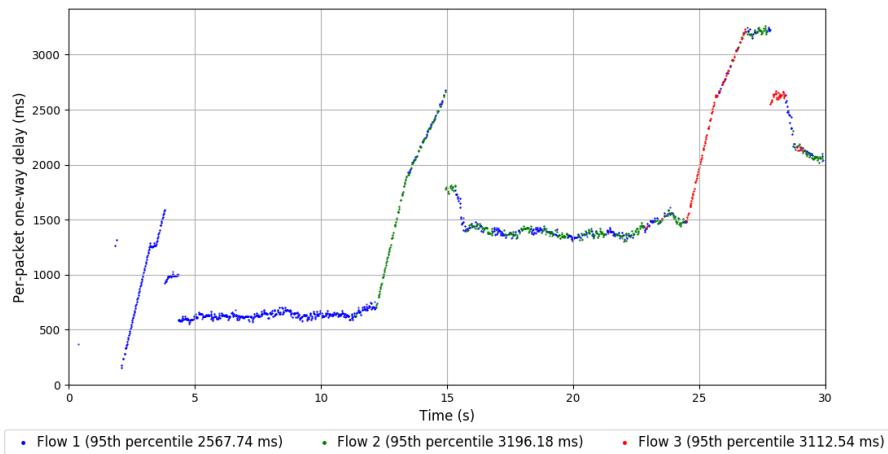
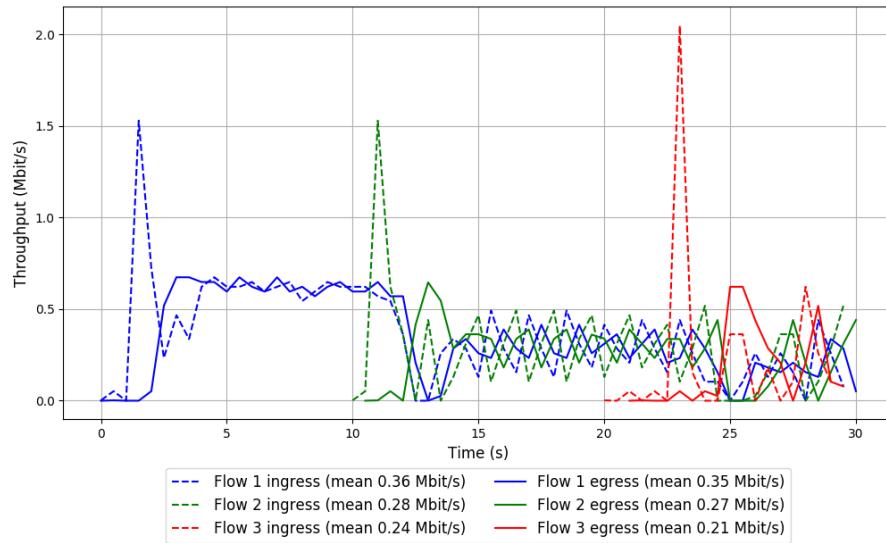


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-05-25 08:05:42
End at: 2018-05-25 08:06:12
Local clock offset: -2.489 ms
Remote clock offset: 8.475 ms

# Below is generated by plot.py at 2018-05-25 10:39:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 2978.210 ms
Loss rate: 7.73%
-- Flow 1:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 2567.743 ms
Loss rate: 4.06%
-- Flow 2:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 3196.175 ms
Loss rate: 8.12%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 3112.540 ms
Loss rate: 25.29%
```

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

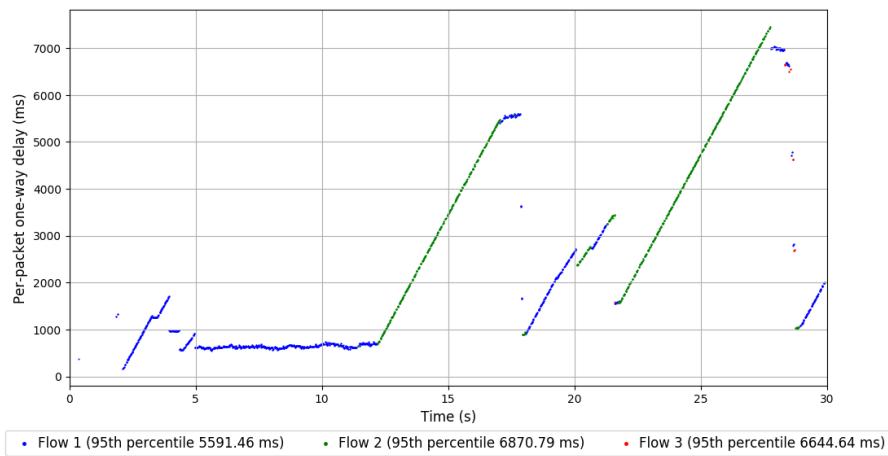
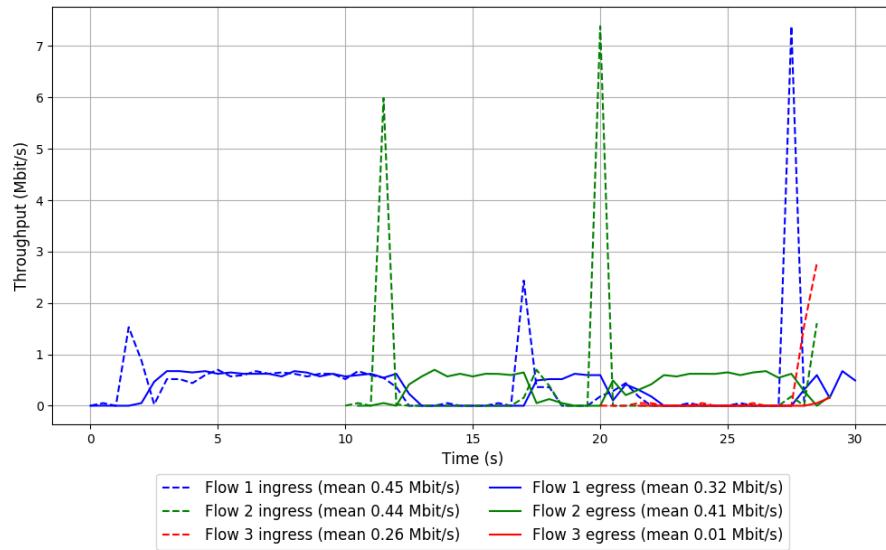


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-05-25 08:24:43
End at: 2018-05-25 08:25:13
Local clock offset: -3.049 ms
Remote clock offset: 3.627 ms

# Below is generated by plot.py at 2018-05-25 10:40:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 6681.984 ms
Loss rate: 26.22%
-- Flow 1:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 5591.464 ms
Loss rate: 24.56%
-- Flow 2:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 6870.788 ms
Loss rate: 9.75%
-- Flow 3:
Average throughput: 0.01 Mbit/s
95th percentile per-packet one-way delay: 6644.642 ms
Loss rate: 95.39%
```

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

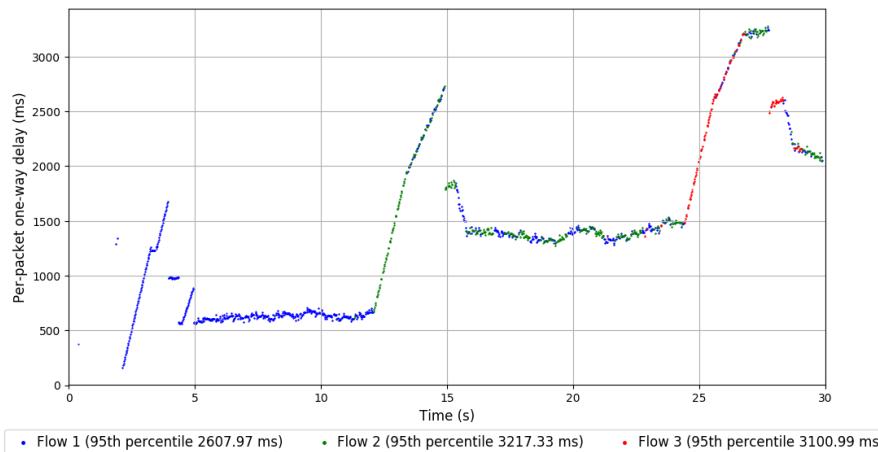
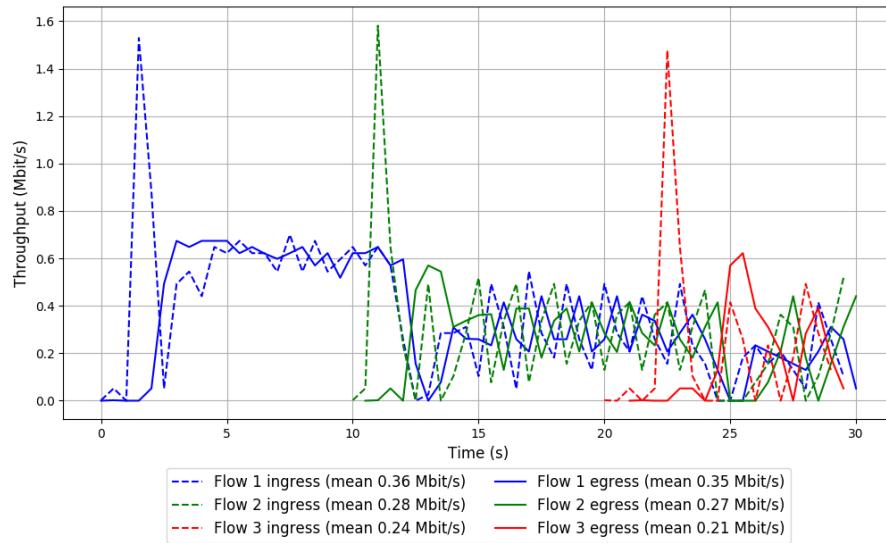


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-05-25 08:43:48
End at: 2018-05-25 08:44:18
Local clock offset: -2.166 ms
Remote clock offset: 8.246 ms

# Below is generated by plot.py at 2018-05-25 10:40:01
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 3001.143 ms
Loss rate: 7.80%
-- Flow 1:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 2607.967 ms
Loss rate: 4.18%
-- Flow 2:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 3217.327 ms
Loss rate: 8.12%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 3100.990 ms
Loss rate: 25.14%
```

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

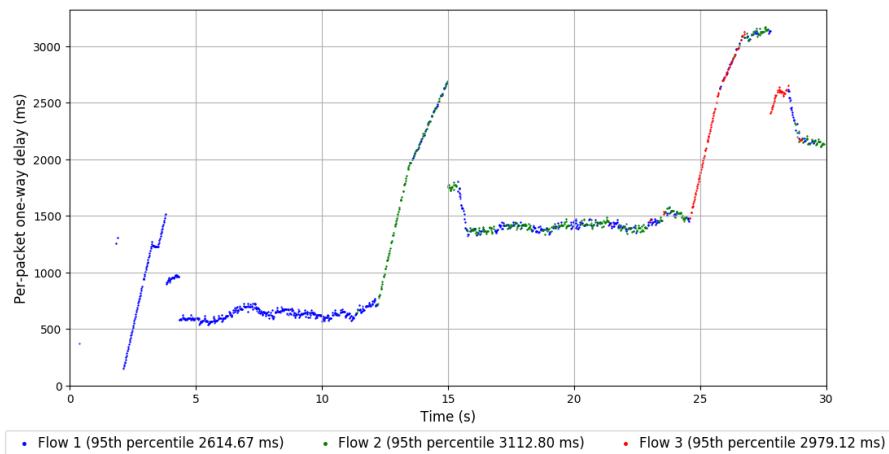
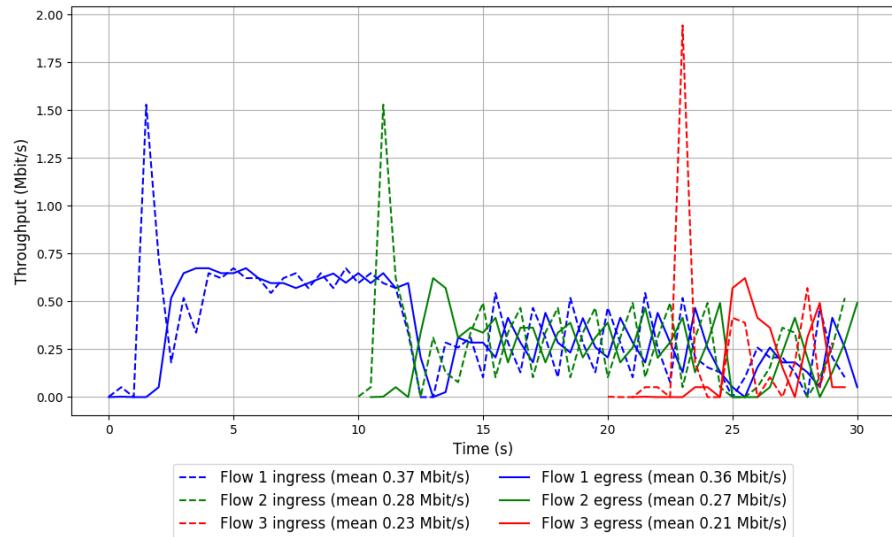


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-05-25 09:02:48
End at: 2018-05-25 09:03:18
Local clock offset: -2.577 ms
Remote clock offset: 4.127 ms

# Below is generated by plot.py at 2018-05-25 10:40:02
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 2904.304 ms
Loss rate: 7.76%
-- Flow 1:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 2614.668 ms
Loss rate: 4.18%
-- Flow 2:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 3112.796 ms
Loss rate: 7.91%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 2979.120 ms
Loss rate: 25.75%
```

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

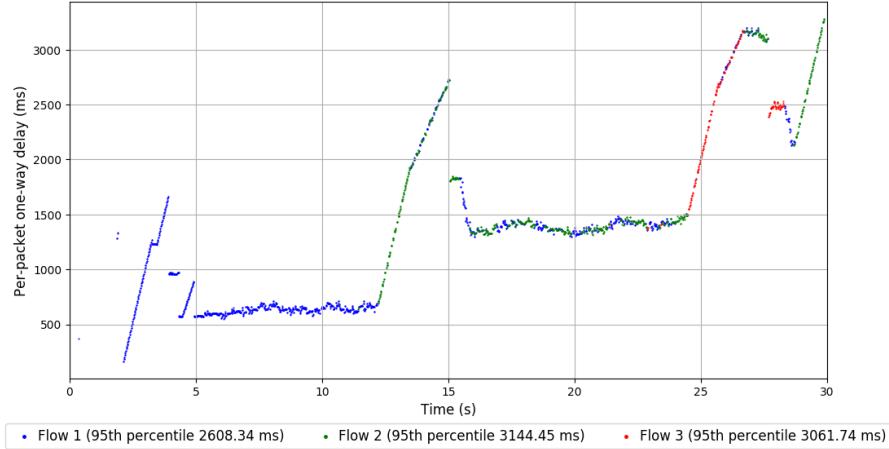
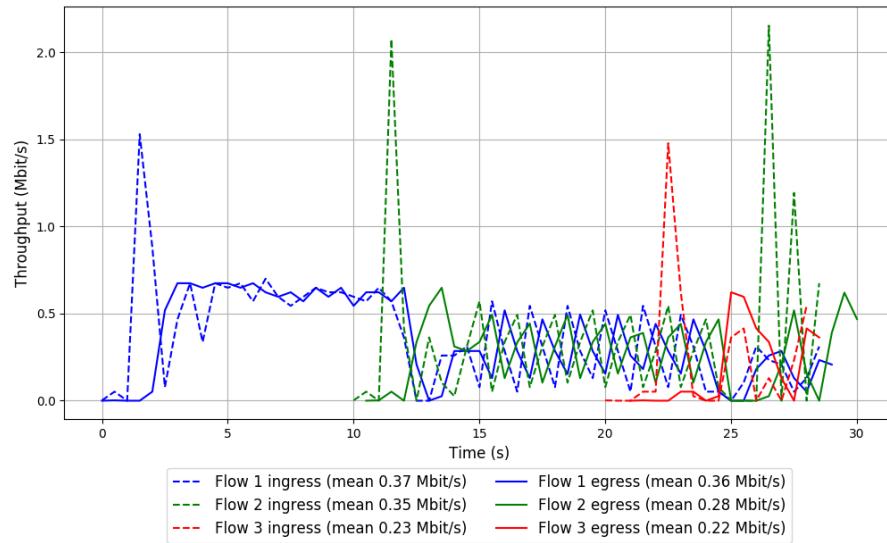


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-05-25 09:21:50
End at: 2018-05-25 09:22:20
Local clock offset: -3.77 ms
Remote clock offset: 3.197 ms

# Below is generated by plot.py at 2018-05-25 10:40:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 3078.833 ms
Loss rate: 11.25%
-- Flow 1:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 2608.342 ms
Loss rate: 4.24%
-- Flow 2:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 3144.450 ms
Loss rate: 18.99%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3061.739 ms
Loss rate: 23.17%
```

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

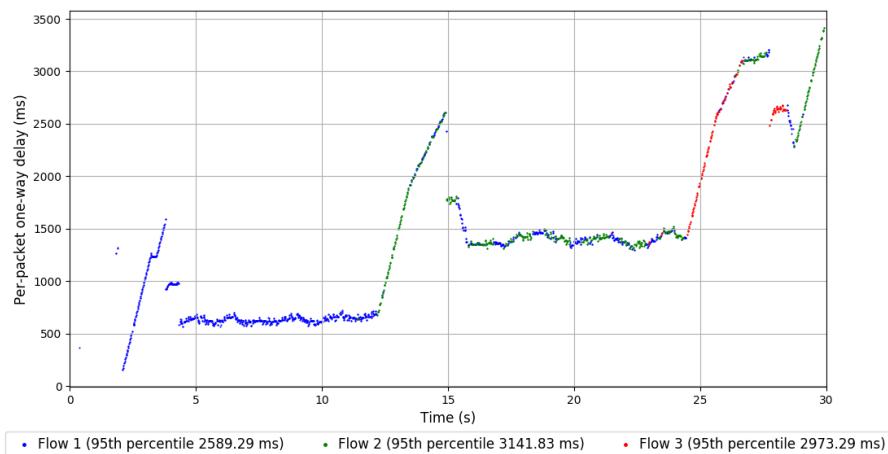
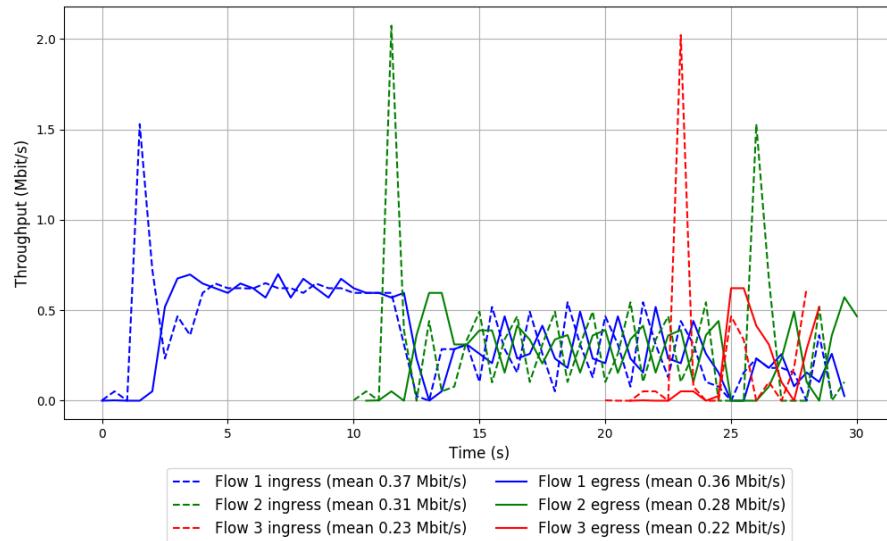


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-05-25 09:40:53
End at: 2018-05-25 09:41:23
Local clock offset: -5.808 ms
Remote clock offset: 6.338 ms

# Below is generated by plot.py at 2018-05-25 10:40:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 3079.623 ms
Loss rate: 8.64%
-- Flow 1:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 2589.286 ms
Loss rate: 4.24%
-- Flow 2:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 3141.831 ms
Loss rate: 11.70%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2973.289 ms
Loss rate: 23.17%
```

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

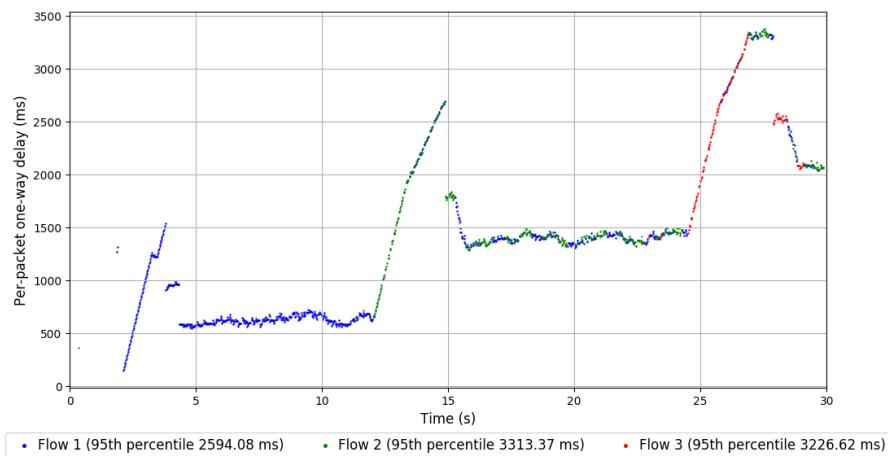
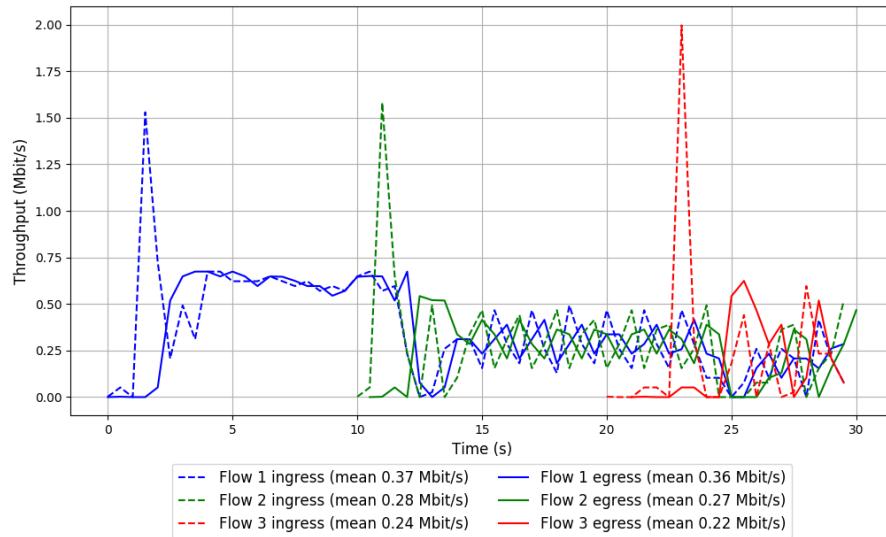


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-05-25 09:59:58
End at: 2018-05-25 10:00:28
Local clock offset: -5.761 ms
Remote clock offset: 10.471 ms

# Below is generated by plot.py at 2018-05-25 10:40:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 3051.448 ms
Loss rate: 7.80%
-- Flow 1:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 2594.080 ms
Loss rate: 4.19%
-- Flow 2:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 3313.366 ms
Loss rate: 8.12%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3226.616 ms
Loss rate: 24.69%
```

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

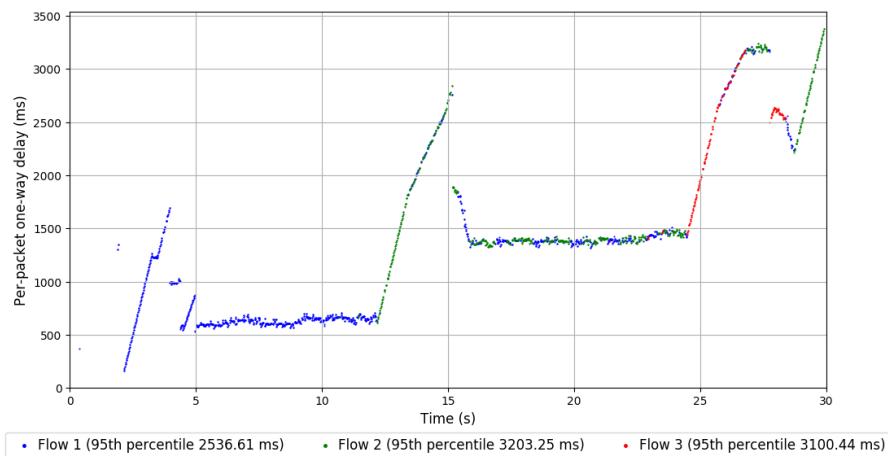
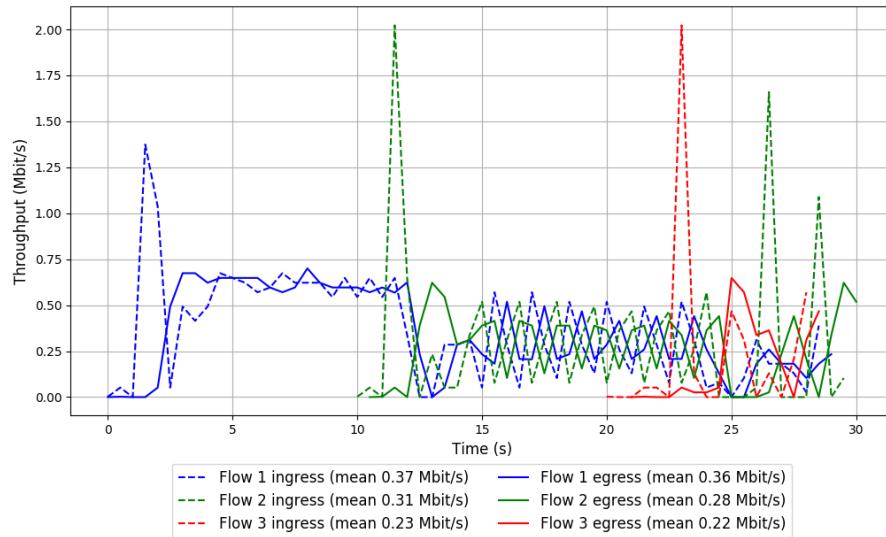


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-05-25 10:19:01
End at: 2018-05-25 10:19:31
Local clock offset: -2.008 ms
Remote clock offset: 13.877 ms

# Below is generated by plot.py at 2018-05-25 10:40:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 3128.794 ms
Loss rate: 8.65%
-- Flow 1:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 2536.611 ms
Loss rate: 4.27%
-- Flow 2:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 3203.252 ms
Loss rate: 11.63%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3100.438 ms
Loss rate: 23.01%
```

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

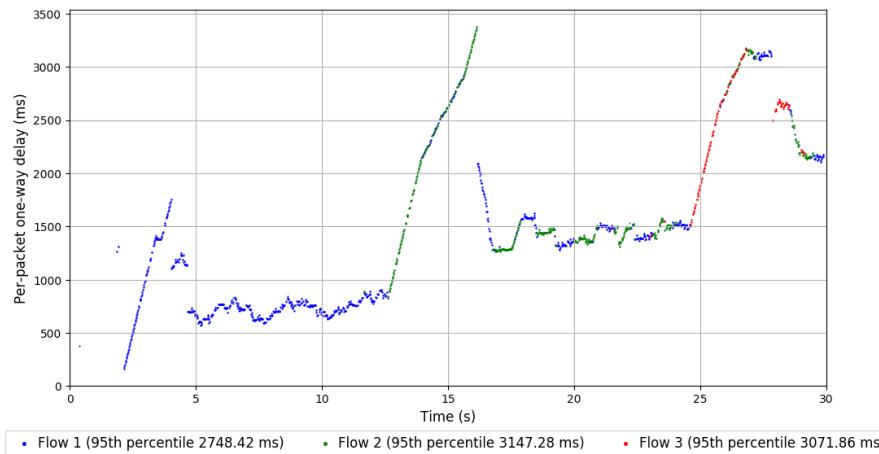
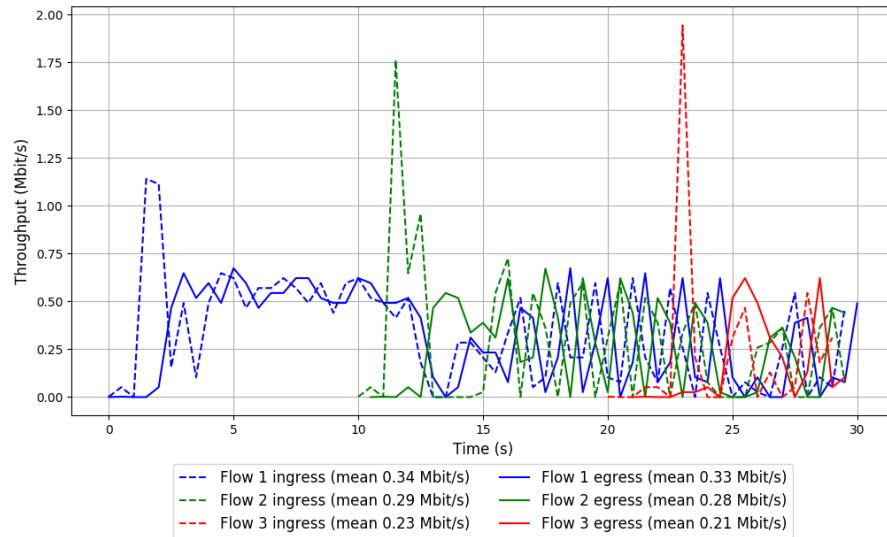


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-05-25 10:38:03
End at: 2018-05-25 10:38:33
Local clock offset: -2.503 ms
Remote clock offset: 16.394 ms

# Below is generated by plot.py at 2018-05-25 10:40:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 3089.856 ms
Loss rate: 7.98%
-- Flow 1:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 2748.421 ms
Loss rate: 4.23%
-- Flow 2:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 3147.281 ms
Loss rate: 8.06%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 3071.860 ms
Loss rate: 25.60%
```

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

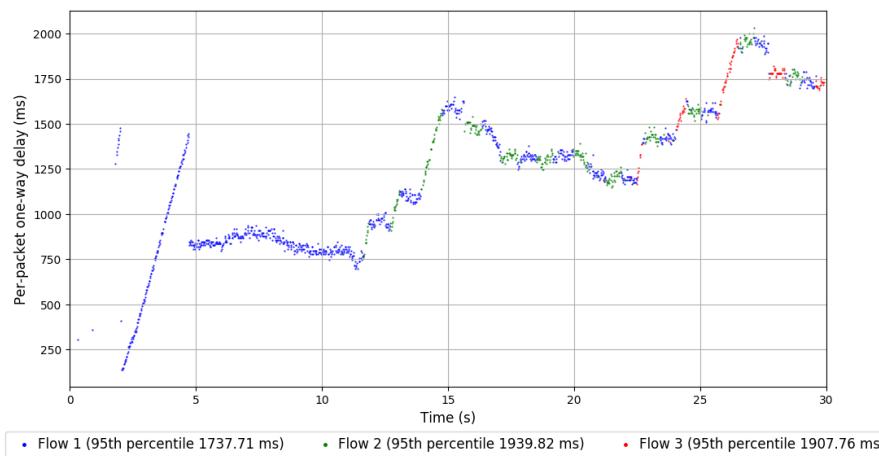
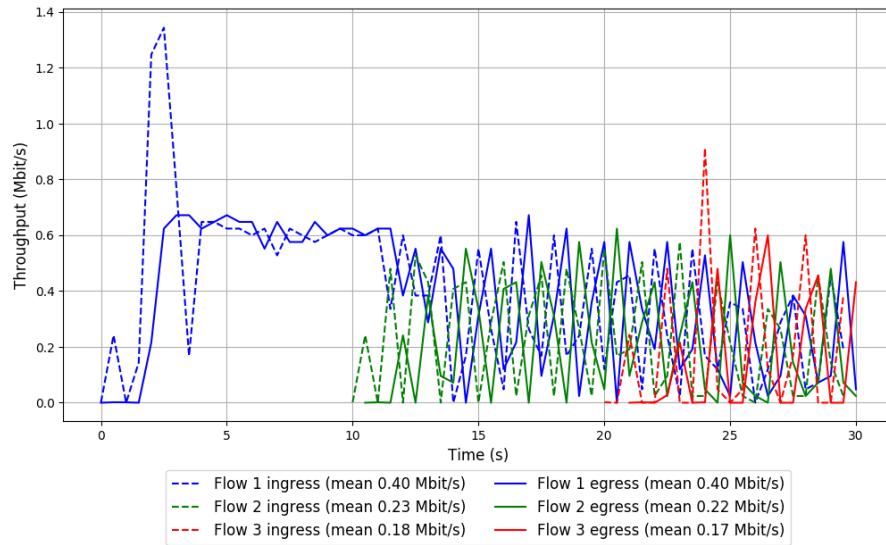


Run 1: Statistics of TCP Vegas

```
Start at: 2018-05-25 07:28:49
End at: 2018-05-25 07:29:19
Local clock offset: -0.782 ms
Remote clock offset: 3.282 ms

# Below is generated by plot.py at 2018-05-25 10:40:06
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 1867.775 ms
Loss rate: 5.76%
-- Flow 1:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 1737.712 ms
Loss rate: 3.20%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1939.820 ms
Loss rate: 6.93%
-- Flow 3:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 1907.759 ms
Loss rate: 19.84%
```

Run 1: Report of TCP Vegas — Data Link

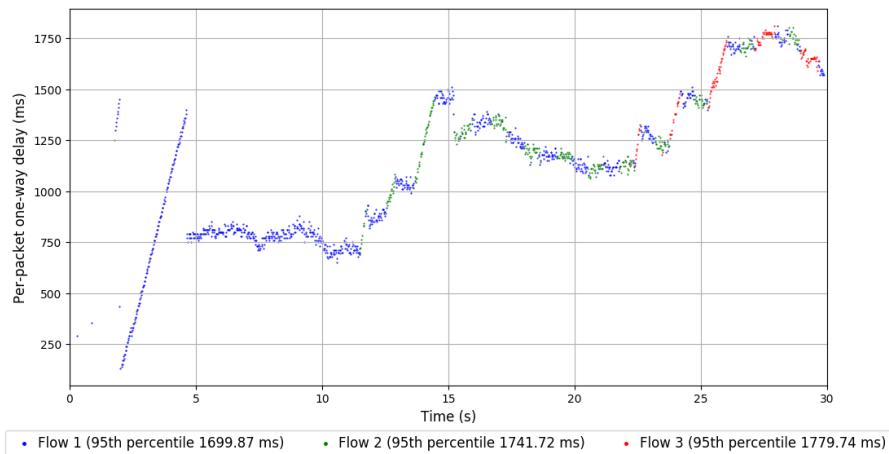
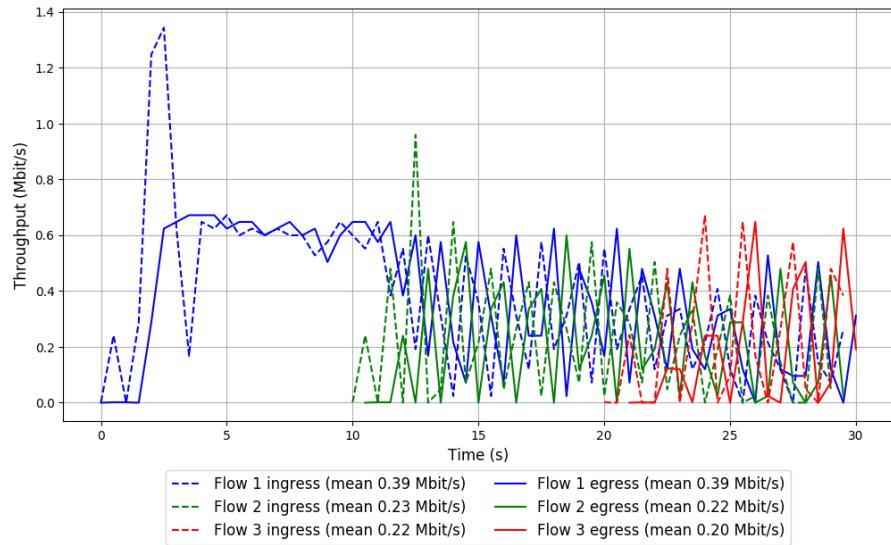


Run 2: Statistics of TCP Vegas

```
Start at: 2018-05-25 07:47:52
End at: 2018-05-25 07:48:22
Local clock offset: -1.724 ms
Remote clock offset: 8.688 ms

# Below is generated by plot.py at 2018-05-25 10:40:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.59 Mbit/s
95th percentile per-packet one-way delay: 1731.738 ms
Loss rate: 5.56%
-- Flow 1:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 1699.868 ms
Loss rate: 2.75%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1741.723 ms
Loss rate: 6.01%
-- Flow 3:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 1779.742 ms
Loss rate: 19.86%
```

Run 2: Report of TCP Vegas — Data Link

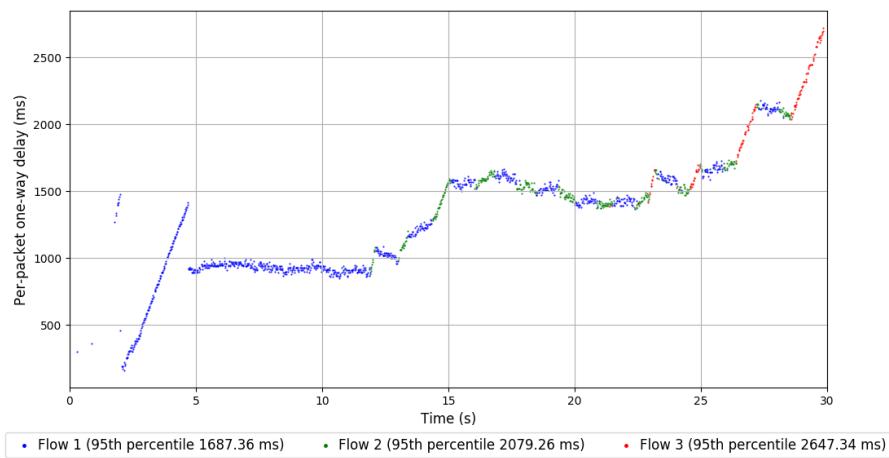
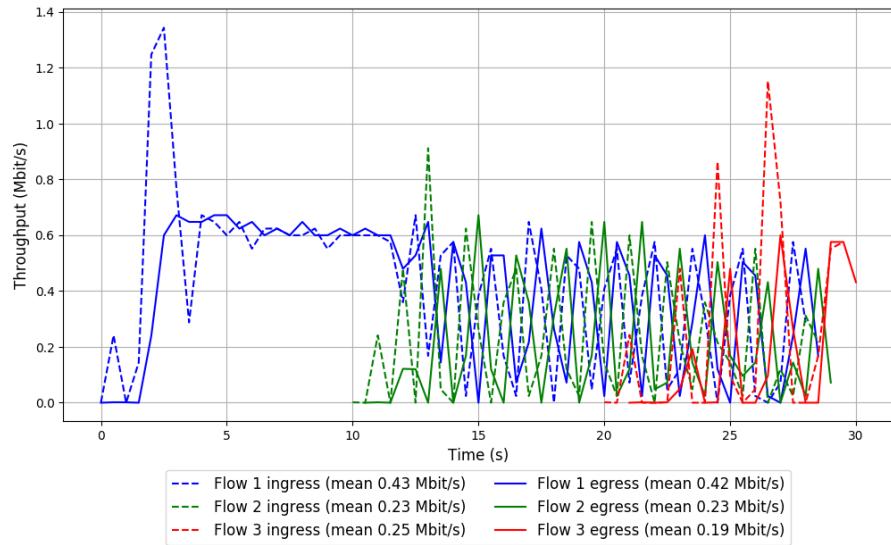


Run 3: Statistics of TCP Vegas

```
Start at: 2018-05-25 08:06:53
End at: 2018-05-25 08:07:23
Local clock offset: -2.551 ms
Remote clock offset: 7.656 ms

# Below is generated by plot.py at 2018-05-25 10:40:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 2137.145 ms
Loss rate: 8.58%
-- Flow 1:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 1687.362 ms
Loss rate: 3.86%
-- Flow 2:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 2079.257 ms
Loss rate: 7.80%
-- Flow 3:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 2647.335 ms
Loss rate: 33.29%
```

Run 3: Report of TCP Vegas — Data Link

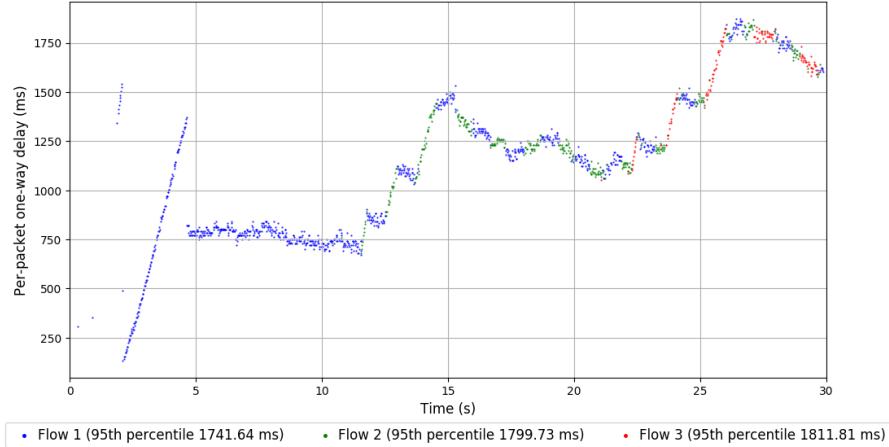
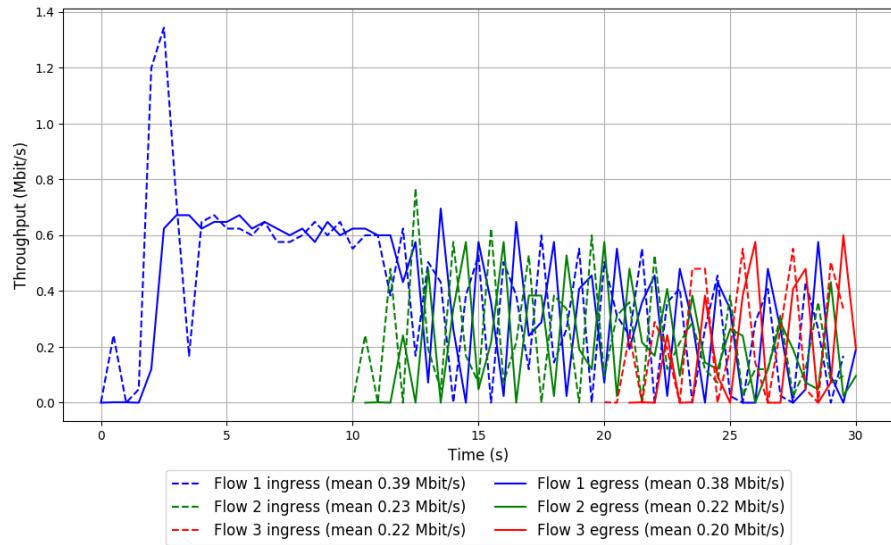


Run 4: Statistics of TCP Vegas

```
Start at: 2018-05-25 08:25:54
End at: 2018-05-25 08:26:24
Local clock offset: -3.011 ms
Remote clock offset: 7.625 ms

# Below is generated by plot.py at 2018-05-25 10:40:08
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 1791.496 ms
Loss rate: 5.64%
-- Flow 1:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 1741.645 ms
Loss rate: 2.89%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1799.726 ms
Loss rate: 6.10%
-- Flow 3:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 1811.812 ms
Loss rate: 19.64%
```

Run 4: Report of TCP Vegas — Data Link

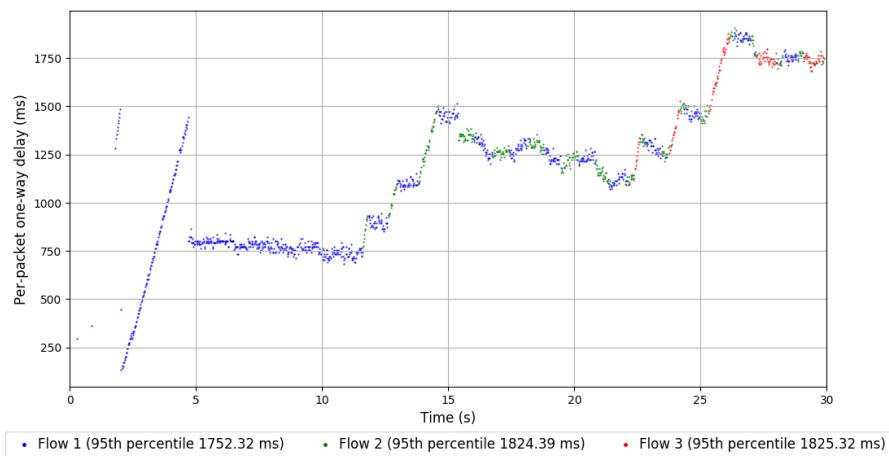
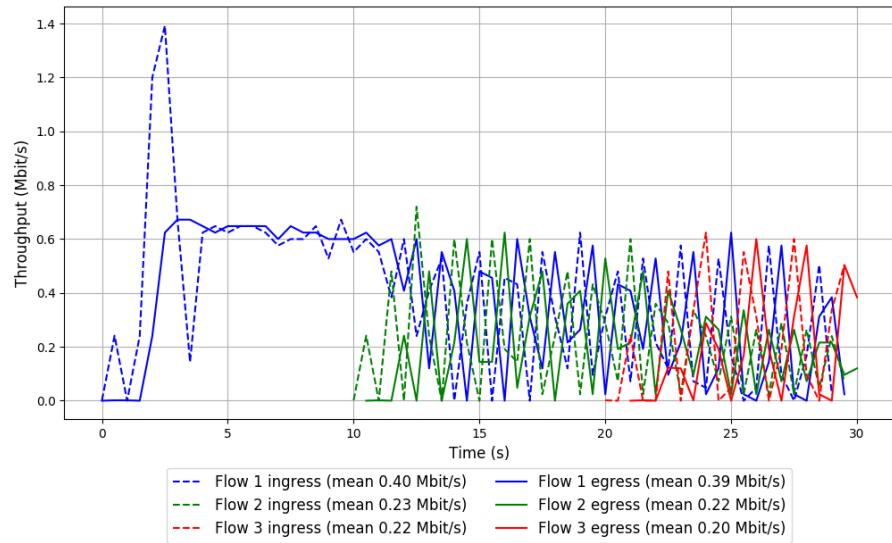


Run 5: Statistics of TCP Vegas

```
Start at: 2018-05-25 08:44:59
End at: 2018-05-25 08:45:29
Local clock offset: -2.155 ms
Remote clock offset: 4.456 ms

# Below is generated by plot.py at 2018-05-25 10:40:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 1784.177 ms
Loss rate: 5.63%
-- Flow 1:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 1752.318 ms
Loss rate: 3.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1824.393 ms
Loss rate: 5.80%
-- Flow 3:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 1825.317 ms
Loss rate: 19.42%
```

Run 5: Report of TCP Vegas — Data Link

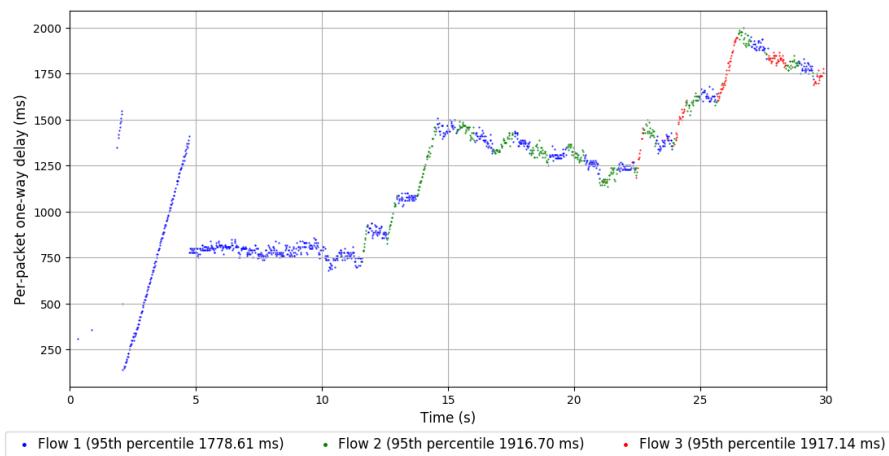
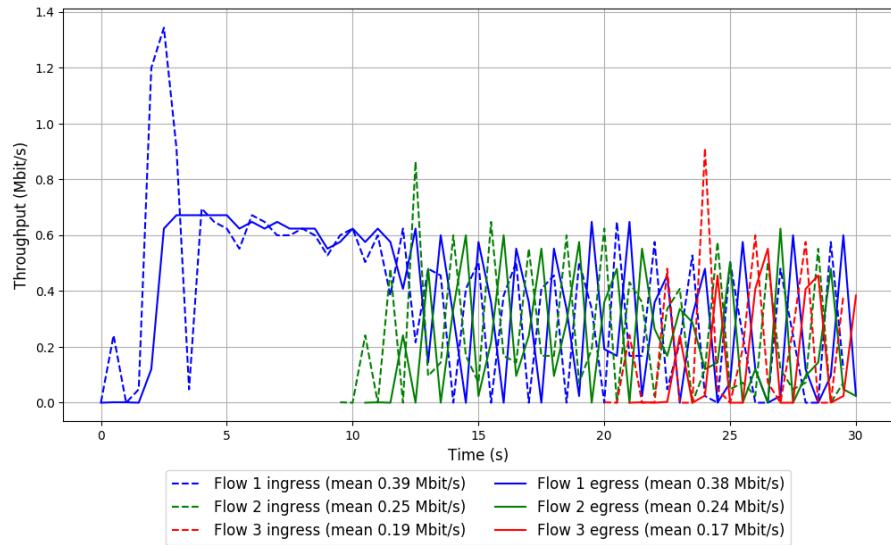


Run 6: Statistics of TCP Vegas

```
Start at: 2018-05-25 09:04:00
End at: 2018-05-25 09:04:30
Local clock offset: -2.583 ms
Remote clock offset: 4.183 ms

# Below is generated by plot.py at 2018-05-25 10:40:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 1847.273 ms
Loss rate: 5.96%
-- Flow 1:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 1778.614 ms
Loss rate: 3.01%
-- Flow 2:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 1916.696 ms
Loss rate: 6.88%
-- Flow 3:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 1917.140 ms
Loss rate: 21.62%
```

Run 6: Report of TCP Vegas — Data Link

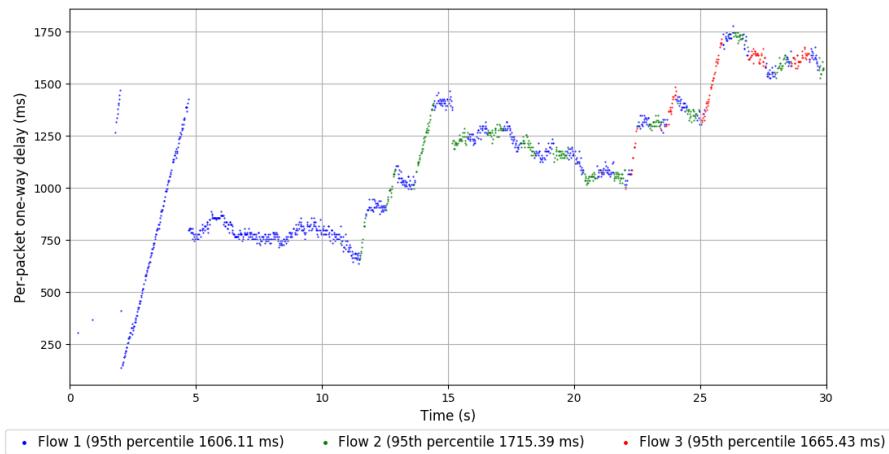
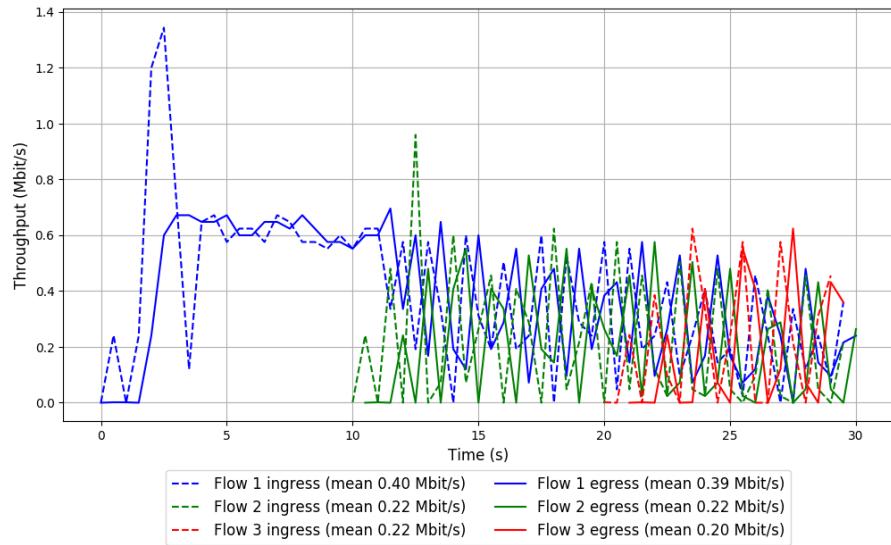


Run 7: Statistics of TCP Vegas

```
Start at: 2018-05-25 09:23:02
End at: 2018-05-25 09:23:32
Local clock offset: -2.178 ms
Remote clock offset: 3.024 ms

# Below is generated by plot.py at 2018-05-25 10:40:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 1645.481 ms
Loss rate: 5.20%
-- Flow 1:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 1606.106 ms
Loss rate: 2.84%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1715.389 ms
Loss rate: 5.22%
-- Flow 3:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 1665.430 ms
Loss rate: 18.91%
```

Run 7: Report of TCP Vegas — Data Link

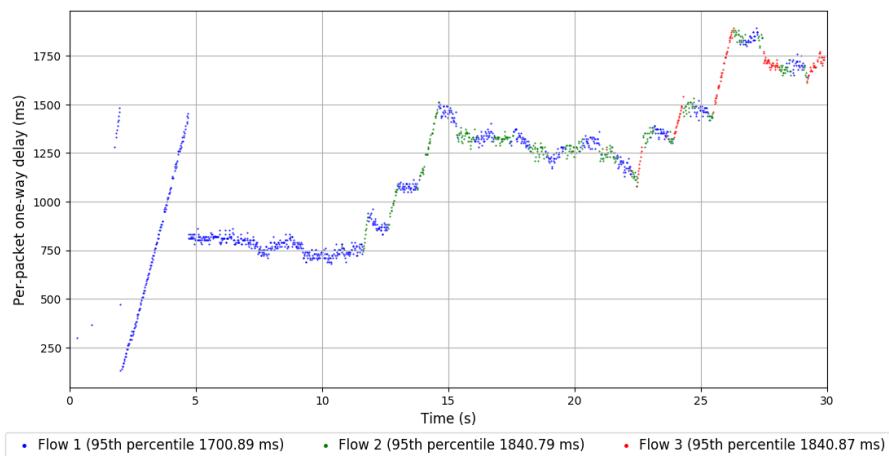
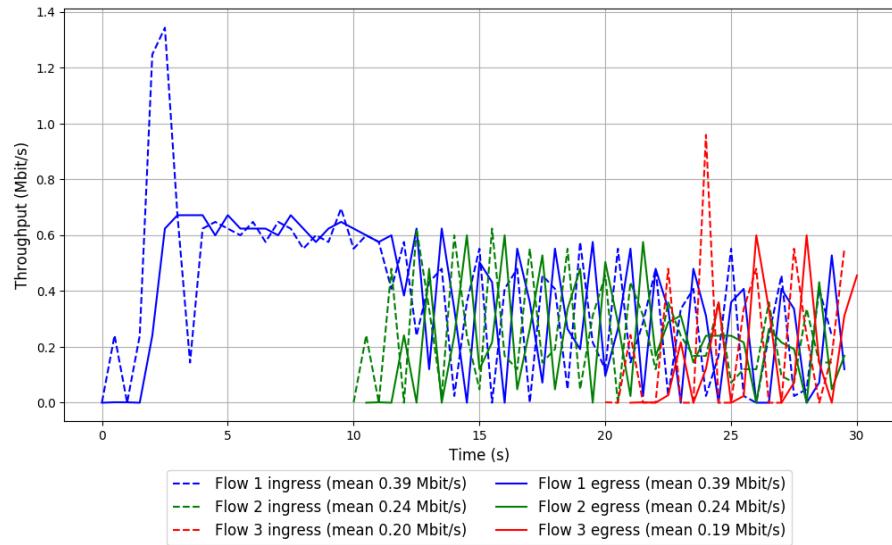


Run 8: Statistics of TCP Vegas

```
Start at: 2018-05-25 09:42:05
End at: 2018-05-25 09:42:35
Local clock offset: -6.687 ms
Remote clock offset: 6.339 ms

# Below is generated by plot.py at 2018-05-25 10:40:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 1770.909 ms
Loss rate: 5.63%
-- Flow 1:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 1700.886 ms
Loss rate: 3.00%
-- Flow 2:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 1840.791 ms
Loss rate: 6.65%
-- Flow 3:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 1840.867 ms
Loss rate: 18.54%
```

Run 8: Report of TCP Vegas — Data Link

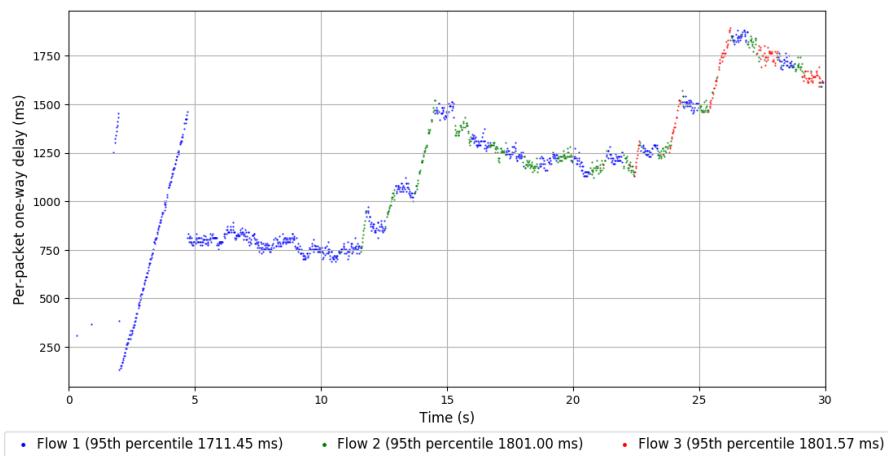
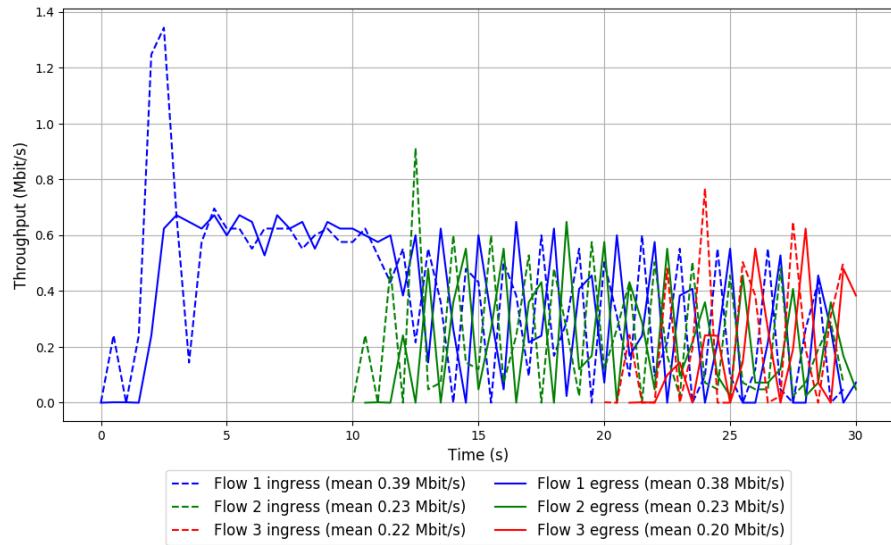


Run 9: Statistics of TCP Vegas

```
Start at: 2018-05-25 10:01:09
End at: 2018-05-25 10:01:39
Local clock offset: -5.412 ms
Remote clock offset: 10.823 ms

# Below is generated by plot.py at 2018-05-25 10:40:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 1771.560 ms
Loss rate: 5.63%
-- Flow 1:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 1711.446 ms
Loss rate: 2.91%
-- Flow 2:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 1801.004 ms
Loss rate: 6.20%
-- Flow 3:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 1801.570 ms
Loss rate: 19.18%
```

Run 9: Report of TCP Vegas — Data Link

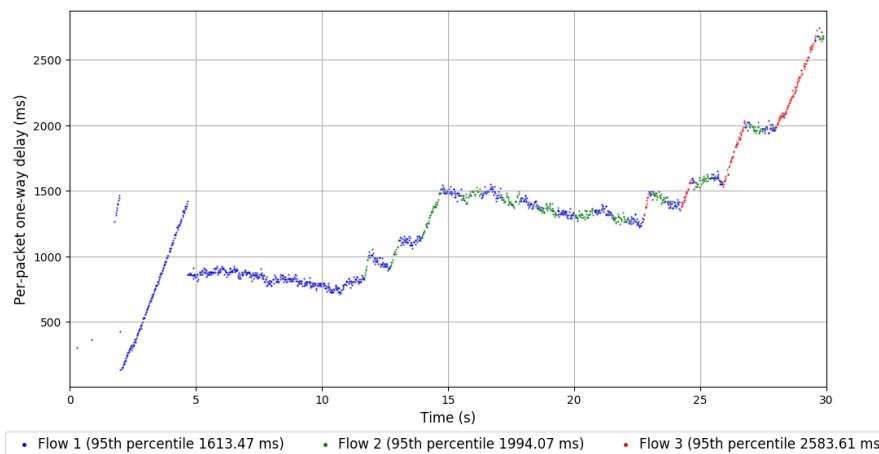
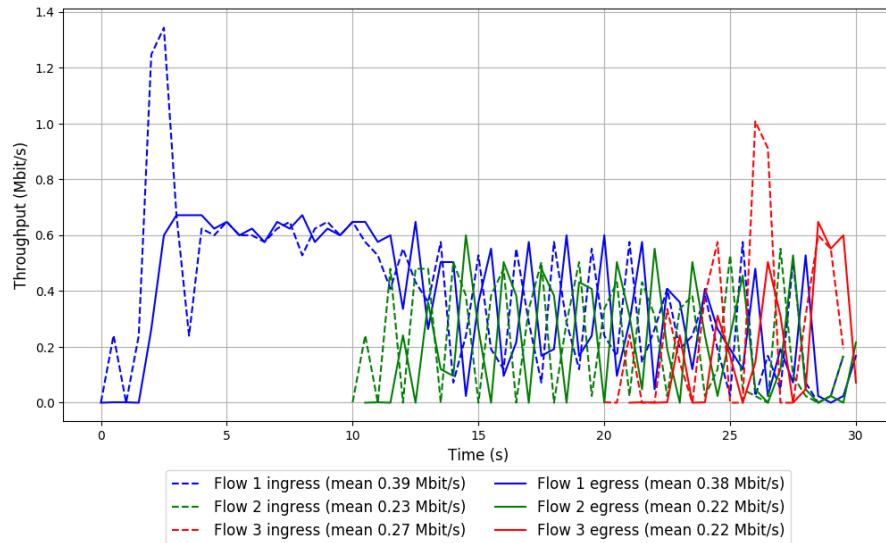


Run 10: Statistics of TCP Vegas

```
Start at: 2018-05-25 10:20:12
End at: 2018-05-25 10:20:42
Local clock offset: -2.764 ms
Remote clock offset: 17.951 ms

# Below is generated by plot.py at 2018-05-25 10:40:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.58 Mbit/s
95th percentile per-packet one-way delay: 2133.450 ms
Loss rate: 8.22%
-- Flow 1:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 1613.475 ms
Loss rate: 3.38%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1994.070 ms
Loss rate: 7.22%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2583.613 ms
Loss rate: 31.47%
```

Run 10: Report of TCP Vegas — Data Link

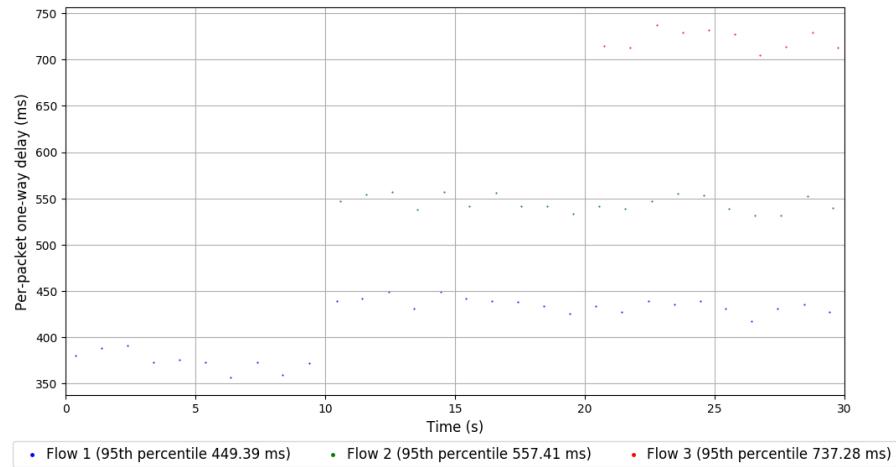
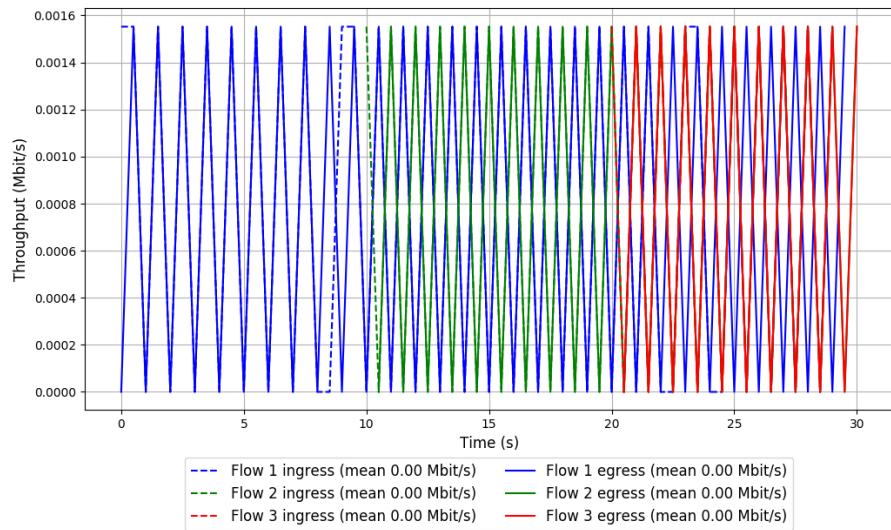


Run 1: Statistics of Verus

```
Start at: 2018-05-25 07:33:36
End at: 2018-05-25 07:34:06
Local clock offset: -1.399 ms
Remote clock offset: 3.995 ms

# Below is generated by plot.py at 2018-05-25 10:40:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 729.305 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 449.392 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 557.415 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 737.285 ms
Loss rate: 0.00%
```

Run 1: Report of Verus — Data Link

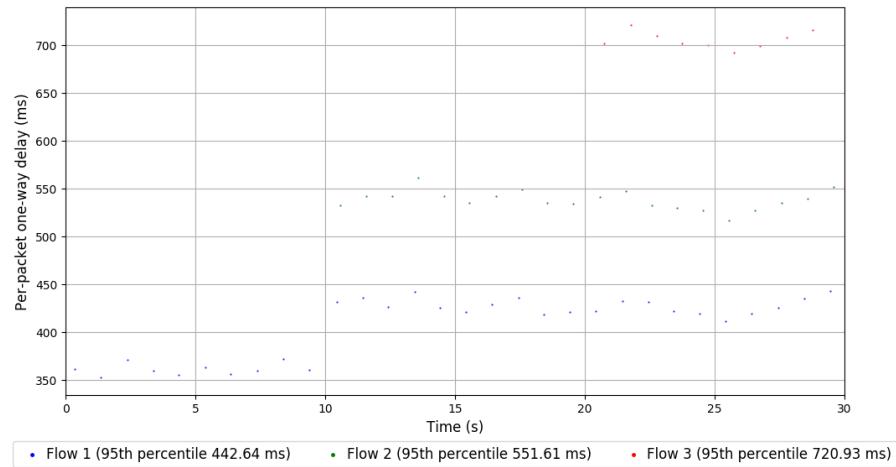
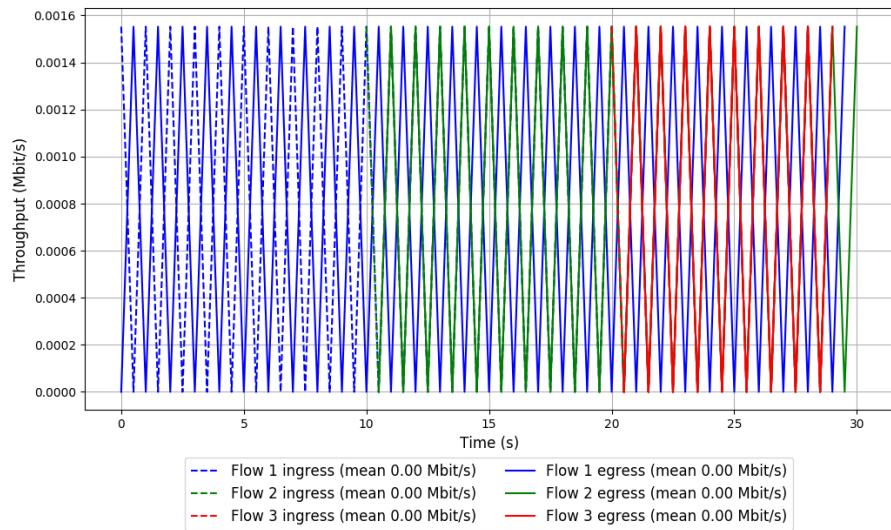


Run 2: Statistics of Verus

```
Start at: 2018-05-25 07:52:37
End at: 2018-05-25 07:53:07
Local clock offset: -1.624 ms
Remote clock offset: 8.828 ms

# Below is generated by plot.py at 2018-05-25 10:40:13
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 707.706 ms
Loss rate: 1.67%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 442.636 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 551.606 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 720.933 ms
Loss rate: 10.00%
```

Run 2: Report of Verus — Data Link

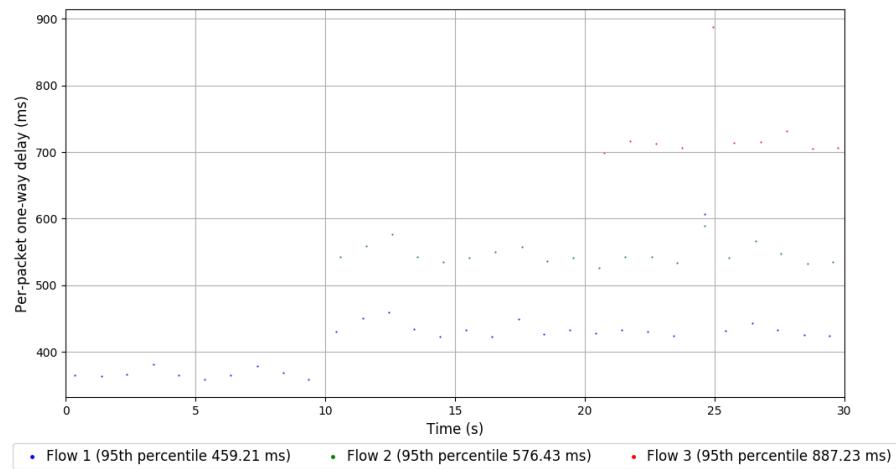
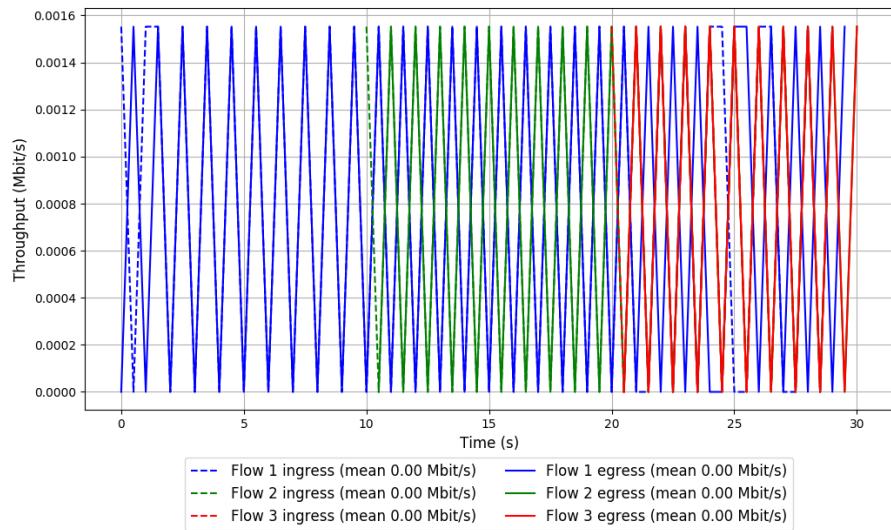


Run 3: Statistics of Verus

```
Start at: 2018-05-25 08:11:39
End at: 2018-05-25 08:12:09
Local clock offset: -2.701 ms
Remote clock offset: 3.452 ms

# Below is generated by plot.py at 2018-05-25 10:40:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 714.694 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 459.214 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 576.432 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 887.229 ms
Loss rate: 0.00%
```

Run 3: Report of Verus — Data Link

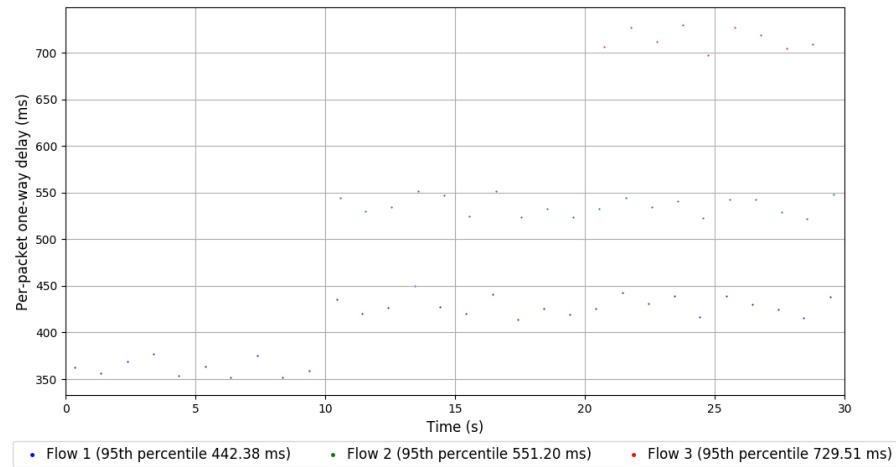
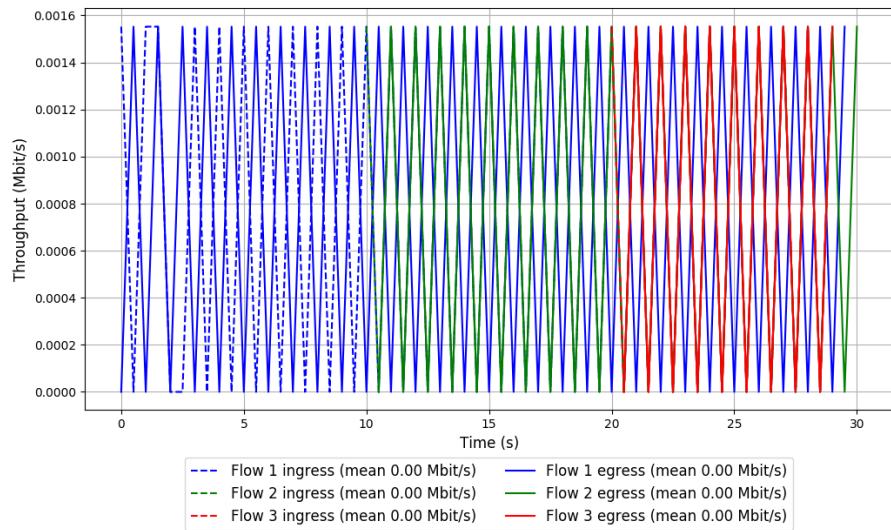


Run 4: Statistics of Verus

```
Start at: 2018-05-25 08:30:39
End at: 2018-05-25 08:31:09
Local clock offset: -2.557 ms
Remote clock offset: 2.914 ms

# Below is generated by plot.py at 2018-05-25 10:40:14
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 719.330 ms
Loss rate: 1.67%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 442.384 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 551.200 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 729.511 ms
Loss rate: 10.00%
```

Run 4: Report of Verus — Data Link

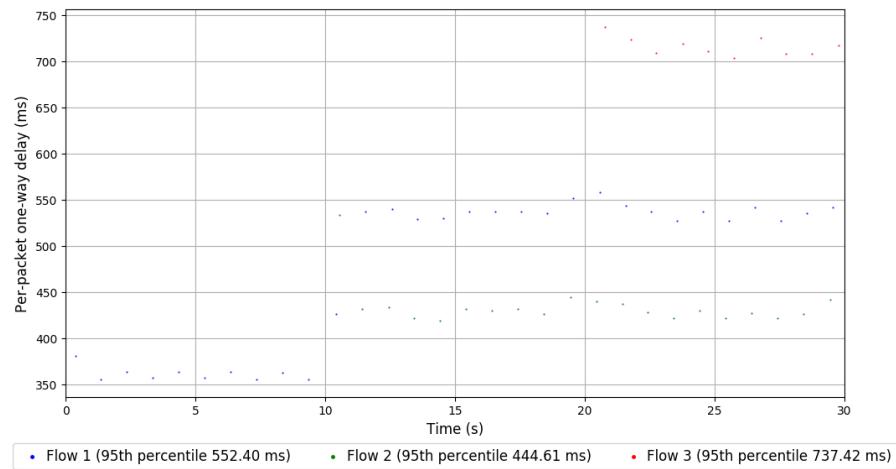
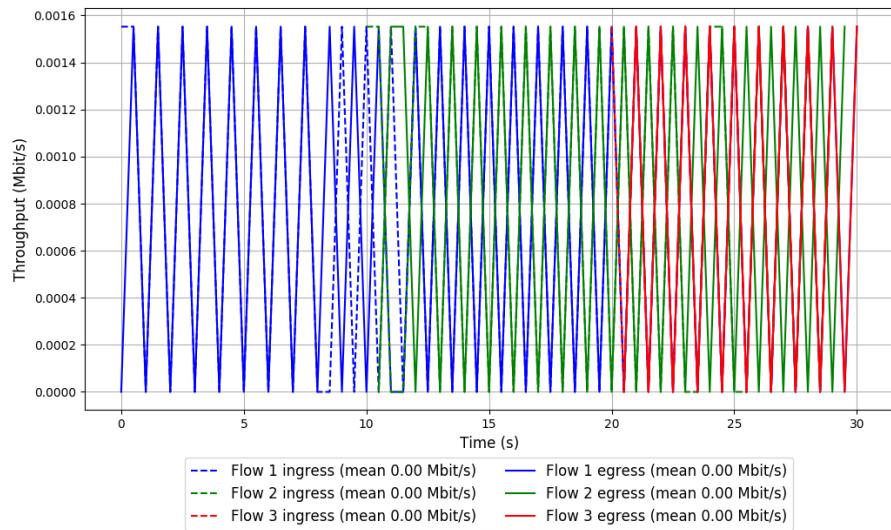


Run 5: Statistics of Verus

```
Start at: 2018-05-25 08:49:44
End at: 2018-05-25 08:50:14
Local clock offset: -2.087 ms
Remote clock offset: 4.808 ms

# Below is generated by plot.py at 2018-05-25 10:40:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 719.403 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 552.404 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 444.613 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 737.416 ms
Loss rate: 0.00%
```

Run 5: Report of Verus — Data Link

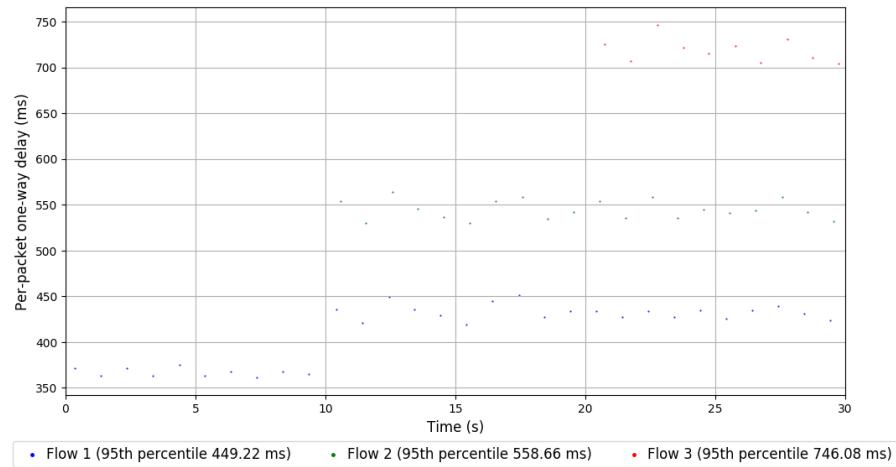
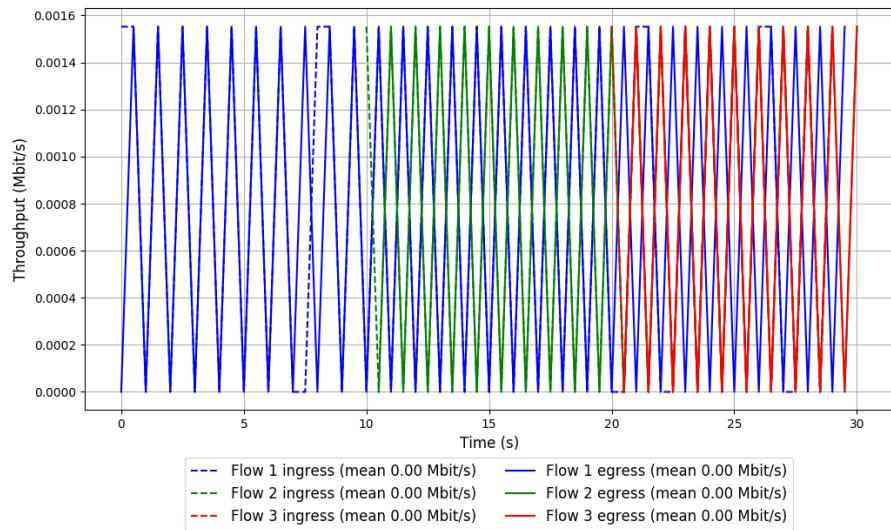


Run 6: Statistics of Verus

```
Start at: 2018-05-25 09:08:45
End at: 2018-05-25 09:09:15
Local clock offset: -2.772 ms
Remote clock offset: 8.981 ms

# Below is generated by plot.py at 2018-05-25 10:40:16
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 723.522 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 449.221 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 558.665 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 746.077 ms
Loss rate: 0.00%
```

Run 6: Report of Verus — Data Link

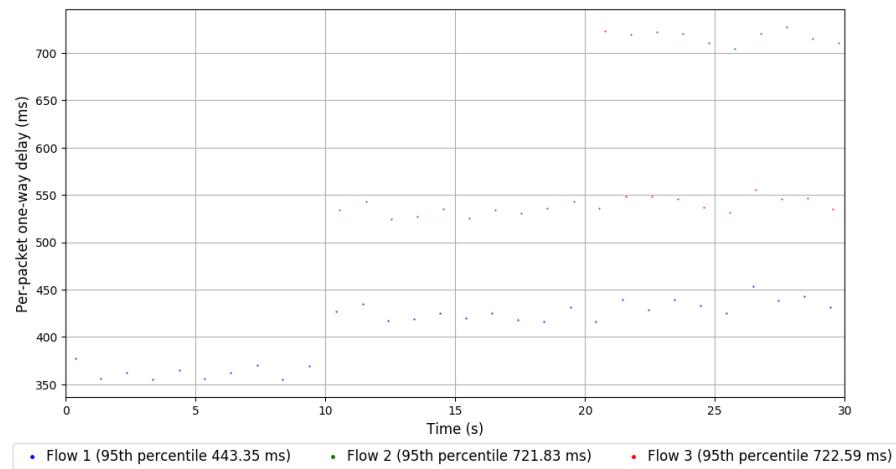
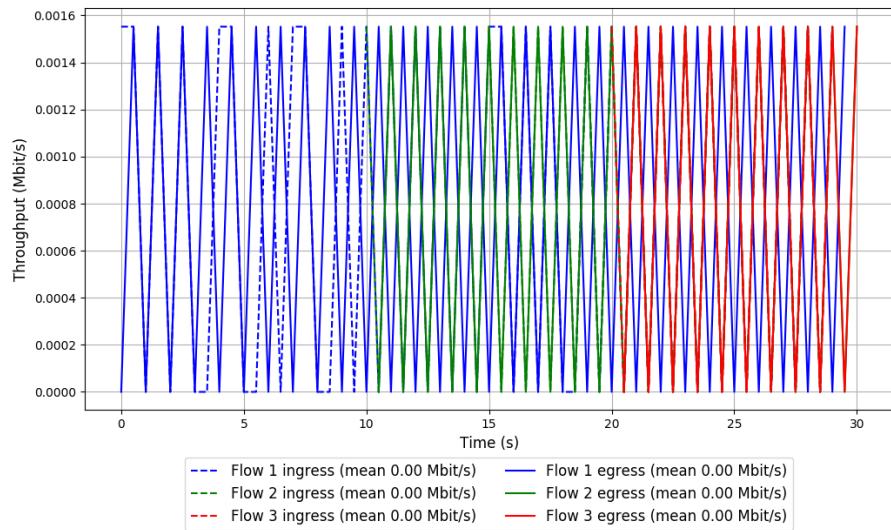


Run 7: Statistics of Verus

```
Start at: 2018-05-25 09:27:47
End at: 2018-05-25 09:28:17
Local clock offset: -3.045 ms
Remote clock offset: 7.637 ms

# Below is generated by plot.py at 2018-05-25 10:40:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 720.651 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 443.348 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 721.831 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 722.586 ms
Loss rate: 0.00%
```

Run 7: Report of Verus — Data Link

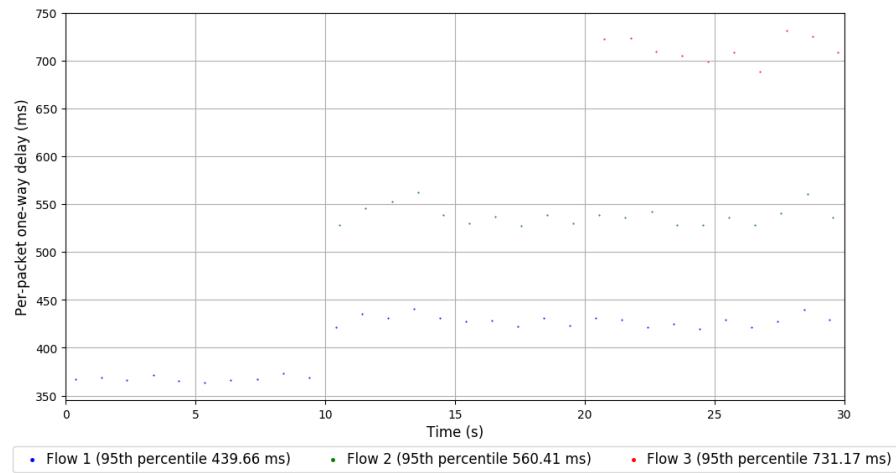
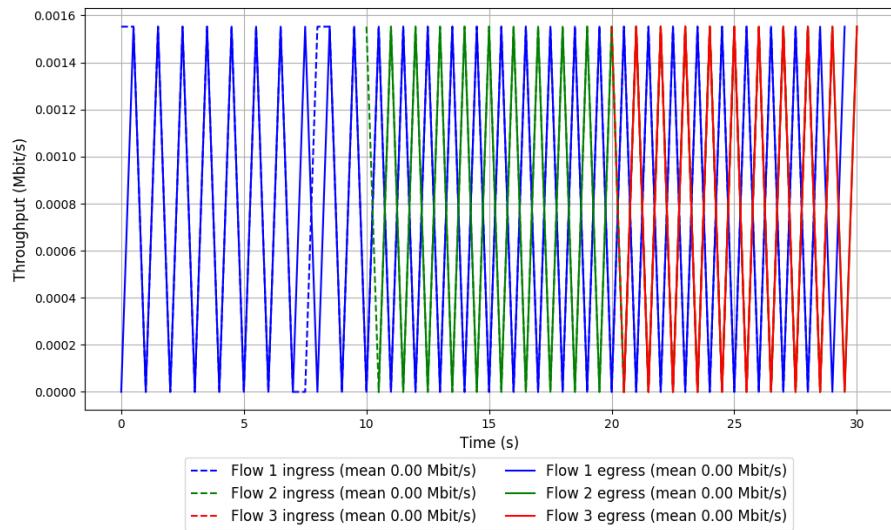


Run 8: Statistics of Verus

```
Start at: 2018-05-25 09:46:50
End at: 2018-05-25 09:47:20
Local clock offset: -6.404 ms
Remote clock offset: 8.665 ms

# Below is generated by plot.py at 2018-05-25 10:40:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 723.115 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 439.658 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 560.408 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 731.170 ms
Loss rate: 0.00%
```

Run 8: Report of Verus — Data Link

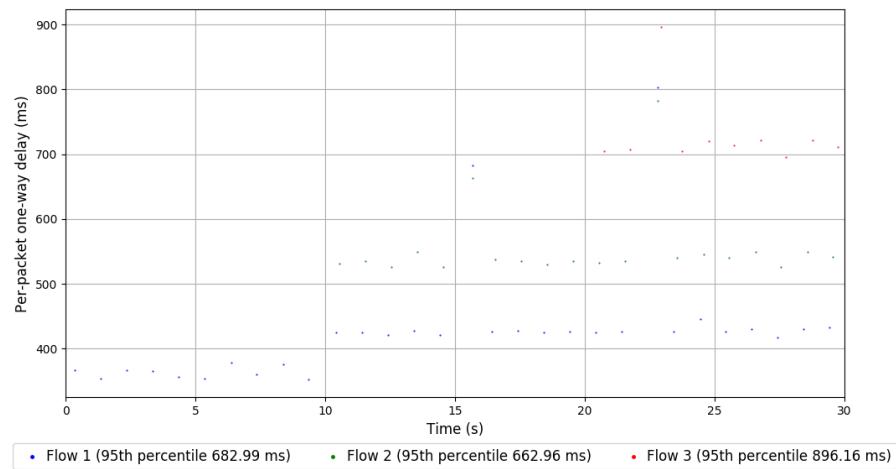
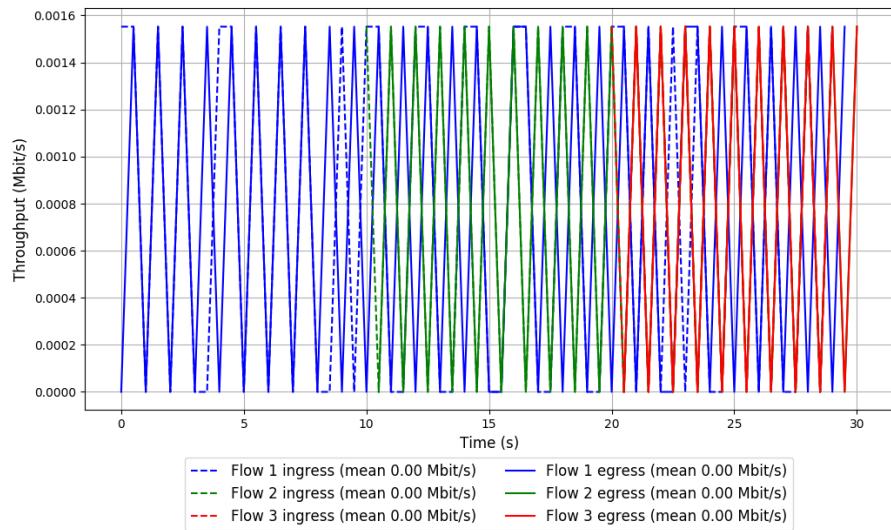


Run 9: Statistics of Verus

```
Start at: 2018-05-25 10:05:55
End at: 2018-05-25 10:06:25
Local clock offset: -5.01 ms
Remote clock offset: 10.905 ms

# Below is generated by plot.py at 2018-05-25 10:40:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 721.124 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 682.985 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 662.959 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 896.158 ms
Loss rate: 0.00%
```

Run 9: Report of Verus — Data Link

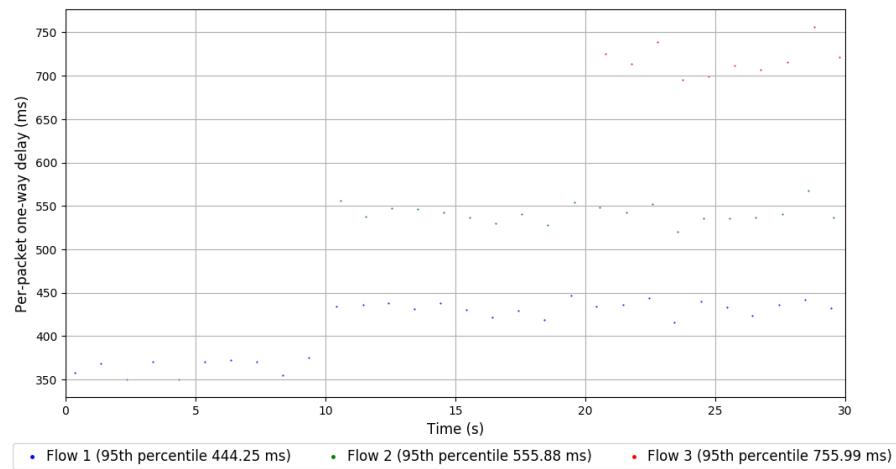
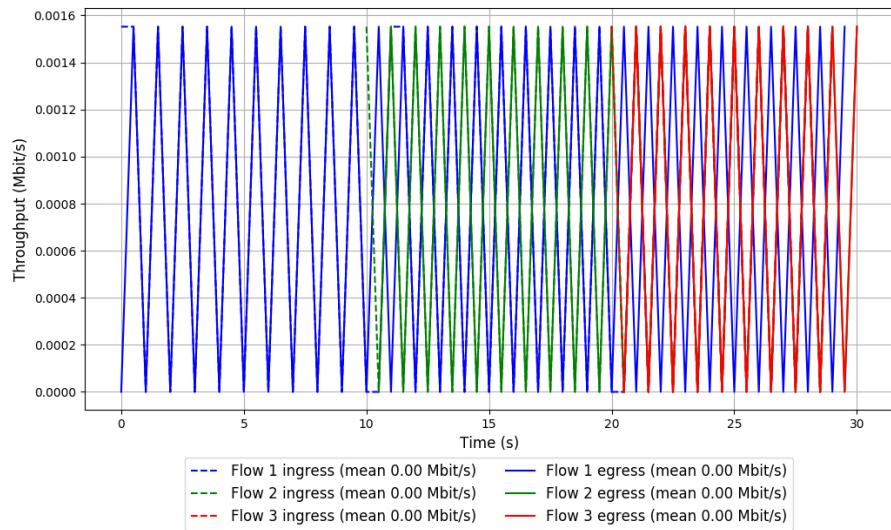


Run 10: Statistics of Verus

```
Start at: 2018-05-25 10:24:58
End at: 2018-05-25 10:25:28
Local clock offset: -3.285 ms
Remote clock offset: 13.896 ms

# Below is generated by plot.py at 2018-05-25 10:40:17
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 721.050 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 444.249 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 555.875 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 755.990 ms
Loss rate: 0.00%
```

Run 10: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

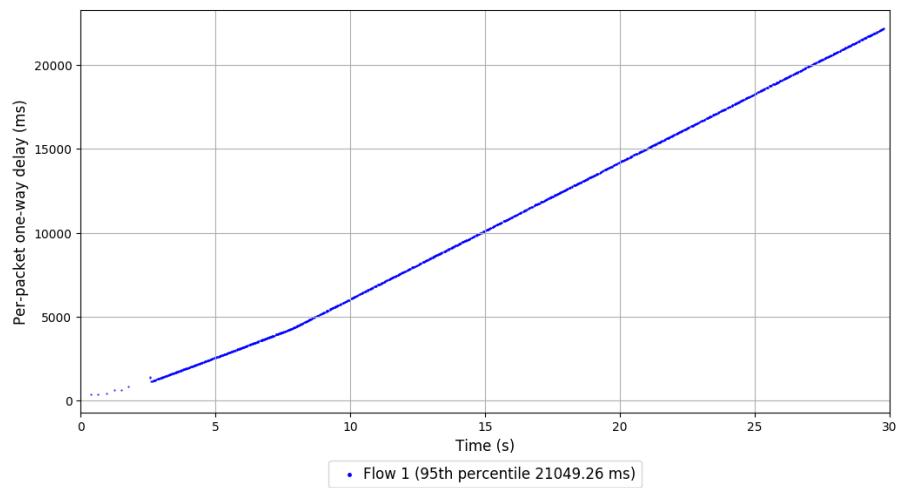
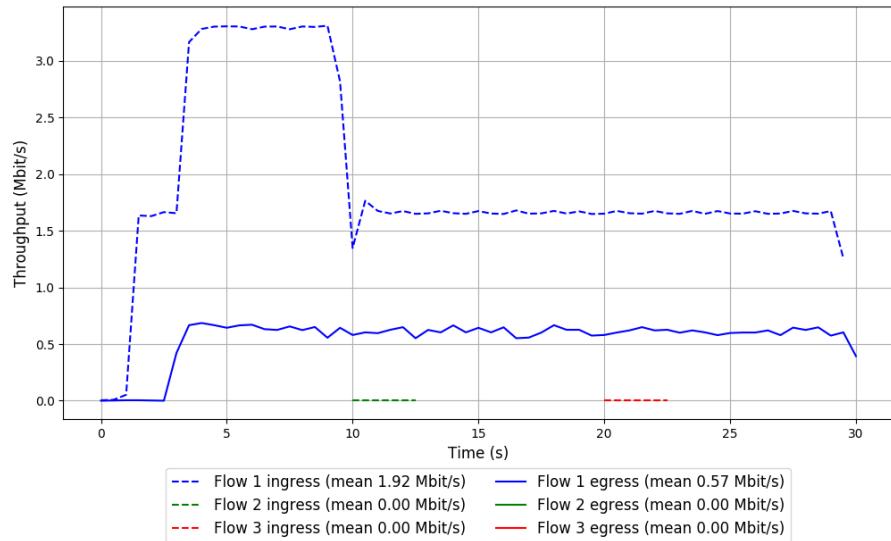
Start at: 2018-05-25 07:31:13

End at: 2018-05-25 07:31:44

Local clock offset: -1.155 ms

Remote clock offset: 7.592 ms

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

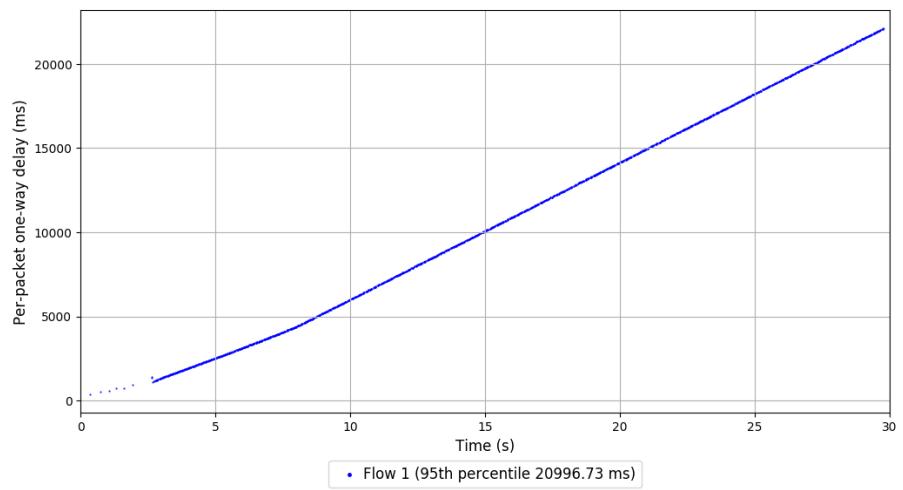
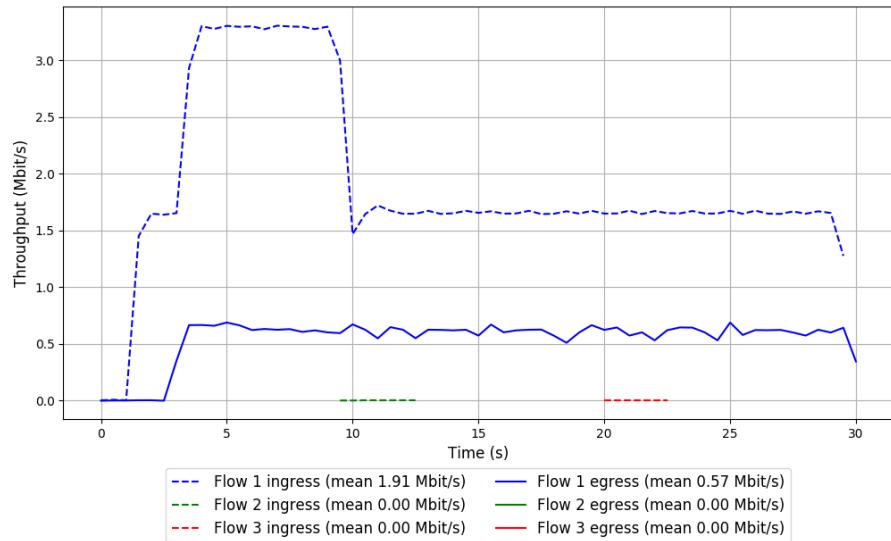
Start at: 2018-05-25 07:50:15

End at: 2018-05-25 07:50:45

Local clock offset: -1.705 ms

Remote clock offset: 9.609 ms

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

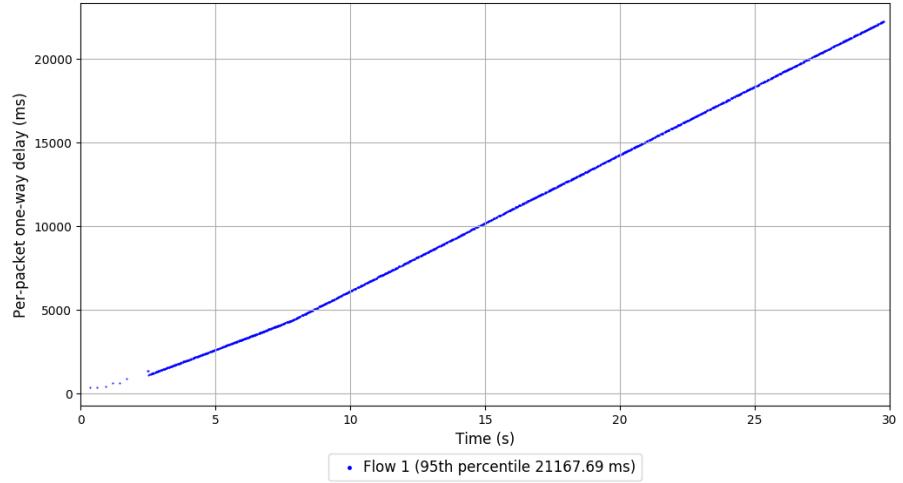
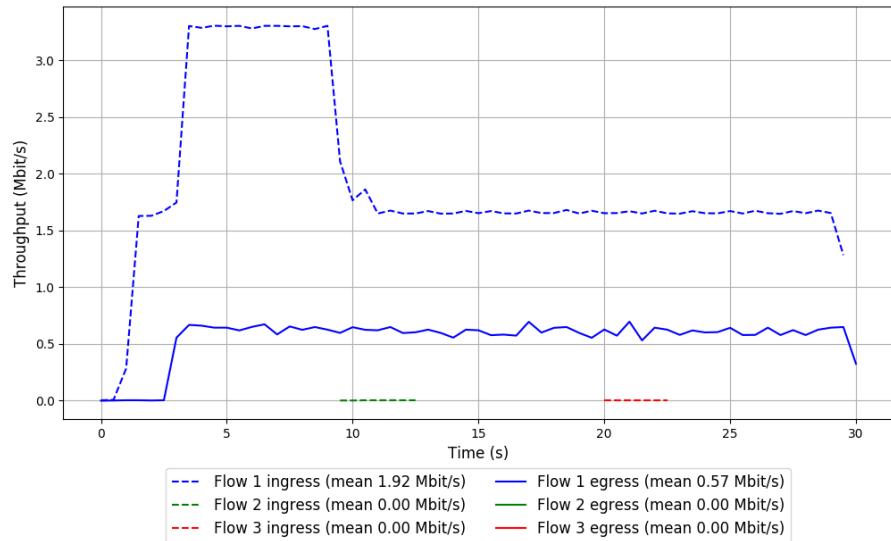
Start at: 2018-05-25 08:09:16

End at: 2018-05-25 08:09:46

Local clock offset: -2.638 ms

Remote clock offset: 8.239 ms

Run 3: Report of PCC-Vivace — Data Link



Run 4: Statistics of PCC-Vivace

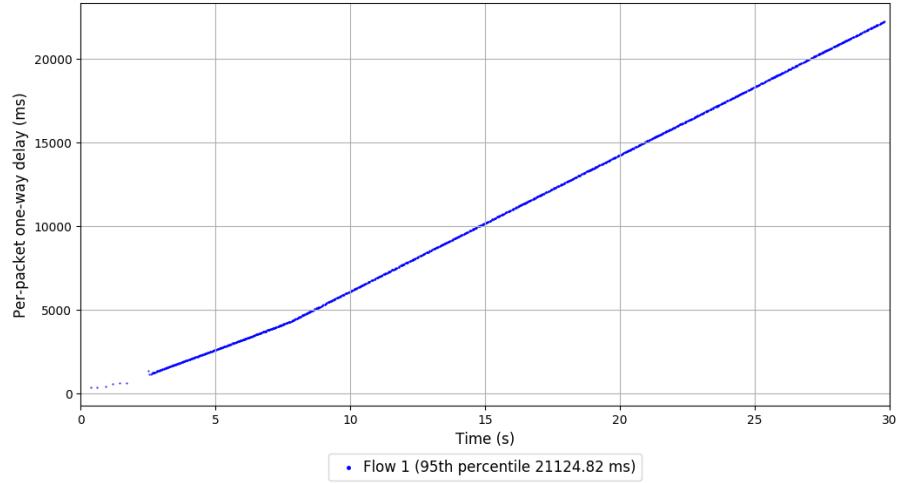
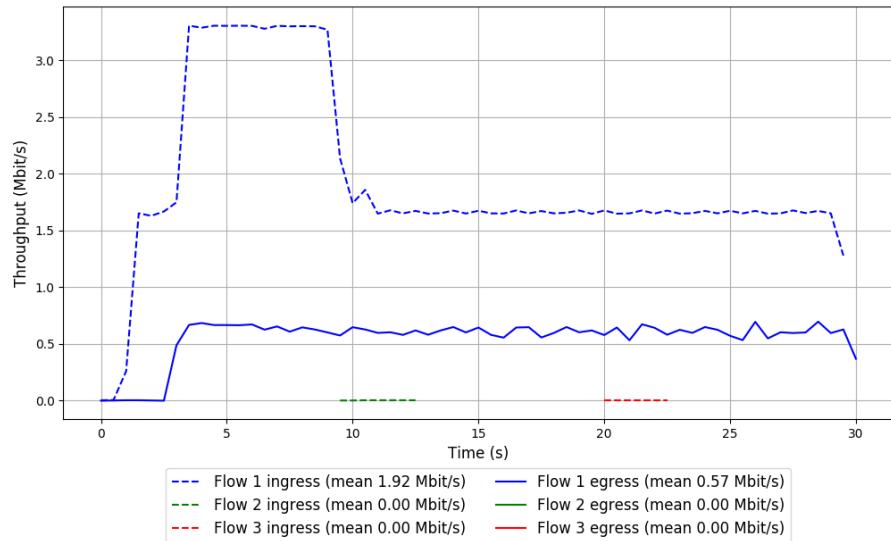
Start at: 2018-05-25 08:28:17

End at: 2018-05-25 08:28:47

Local clock offset: -2.766 ms

Remote clock offset: 3.637 ms

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

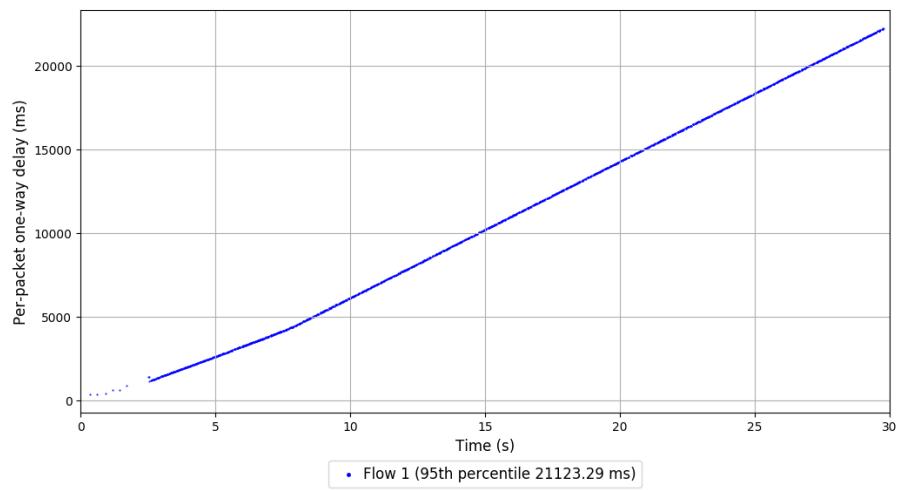
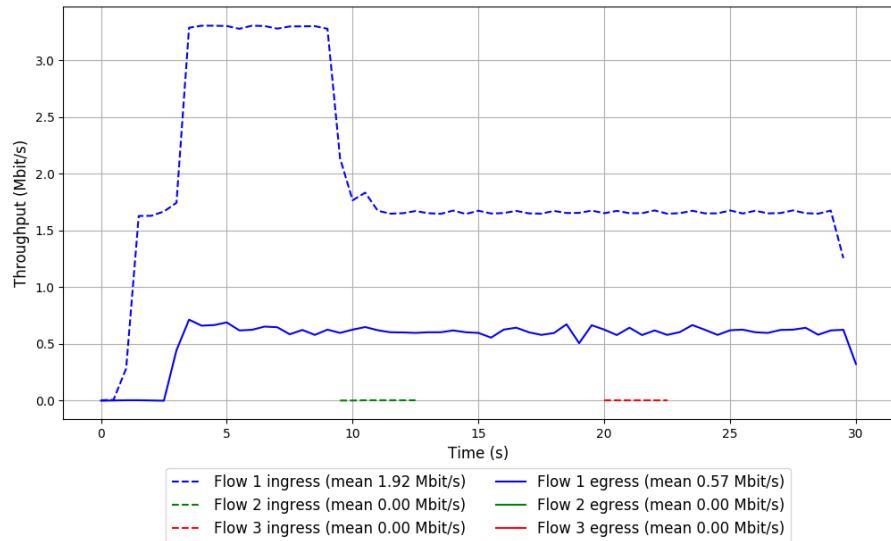
Start at: 2018-05-25 08:47:22

End at: 2018-05-25 08:47:52

Local clock offset: -2.235 ms

Remote clock offset: 8.403 ms

Run 5: Report of PCC-Vivace — Data Link



Run 6: Statistics of PCC-Vivace

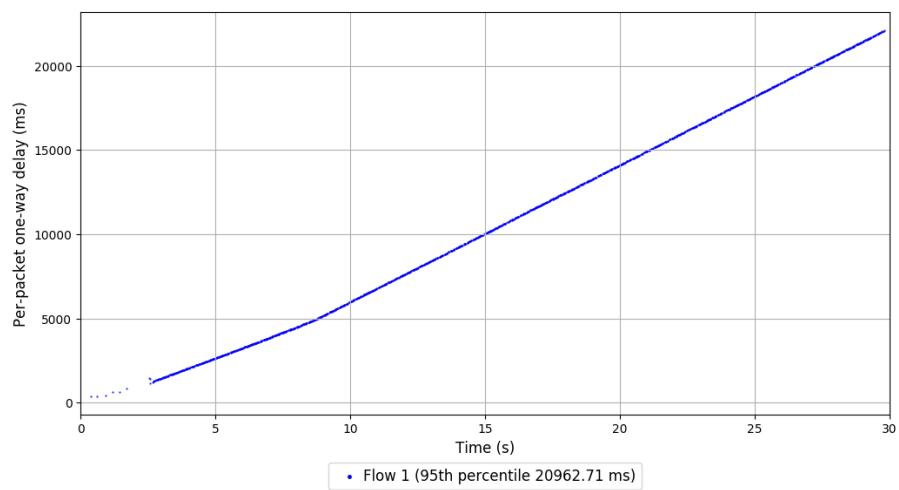
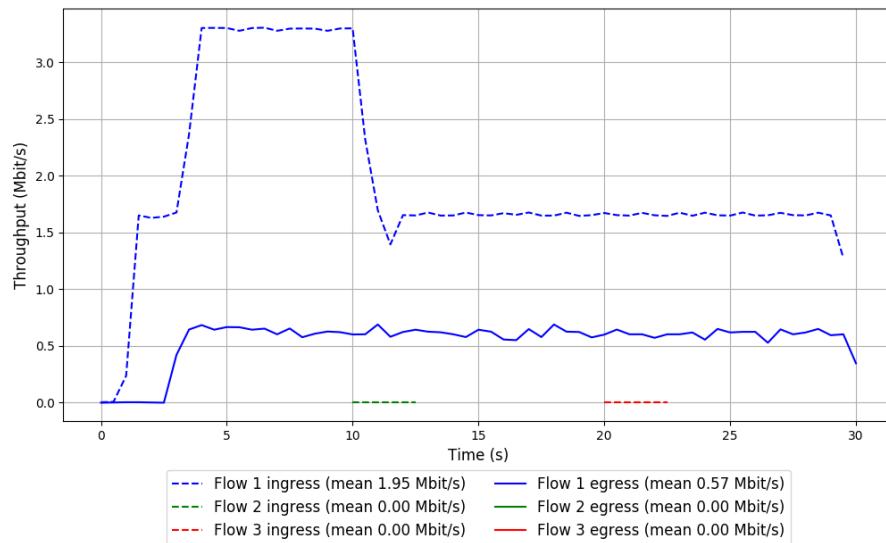
Start at: 2018-05-25 09:06:23

End at: 2018-05-25 09:06:53

Local clock offset: -3.424 ms

Remote clock offset: 5.066 ms

Run 6: Report of PCC-Vivace — Data Link



Run 7: Statistics of PCC-Vivace

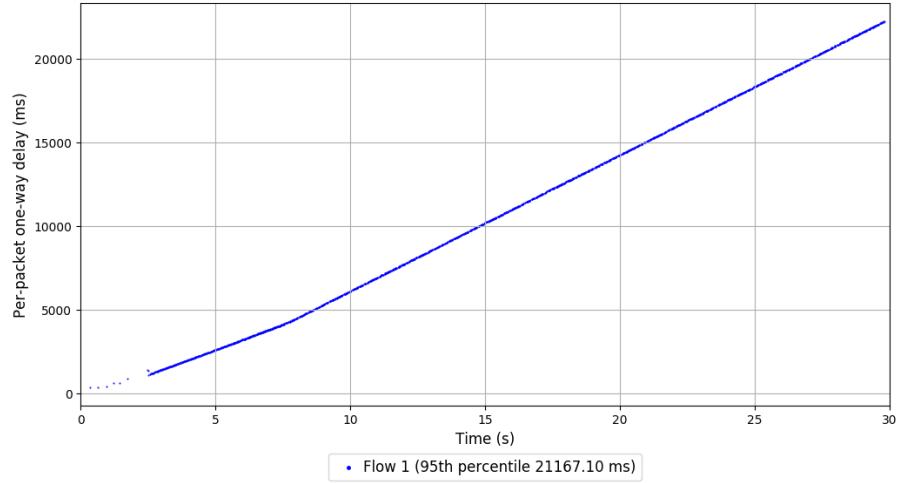
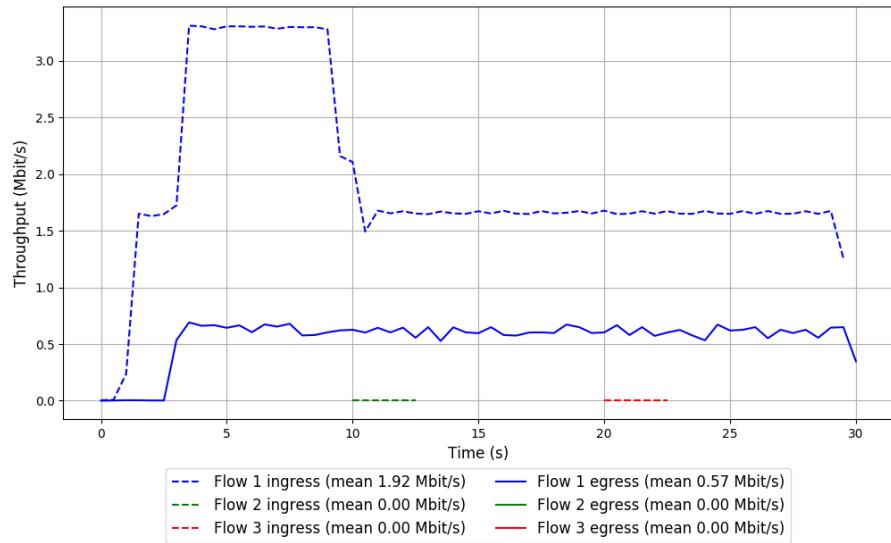
Start at: 2018-05-25 09:25:25

End at: 2018-05-25 09:25:55

Local clock offset: -2.966 ms

Remote clock offset: 3.079 ms

Run 7: Report of PCC-Vivace — Data Link



Run 8: Statistics of PCC-Vivace

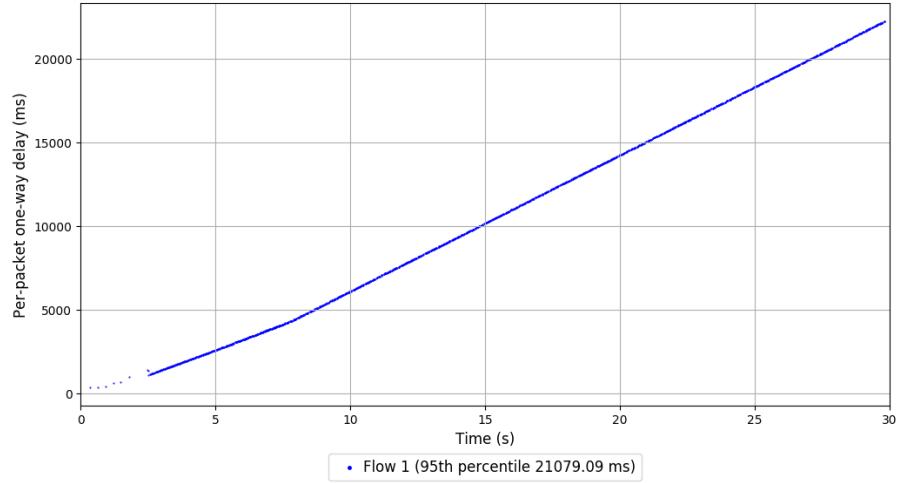
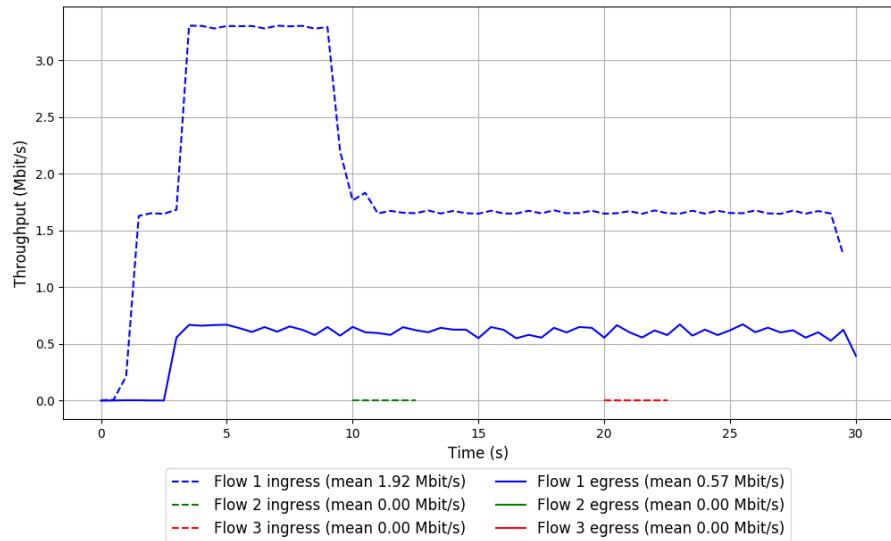
Start at: 2018-05-25 09:44:28

End at: 2018-05-25 09:44:58

Local clock offset: -6.939 ms

Remote clock offset: 3.289 ms

Run 8: Report of PCC-Vivace — Data Link



Run 9: Statistics of PCC-Vivace

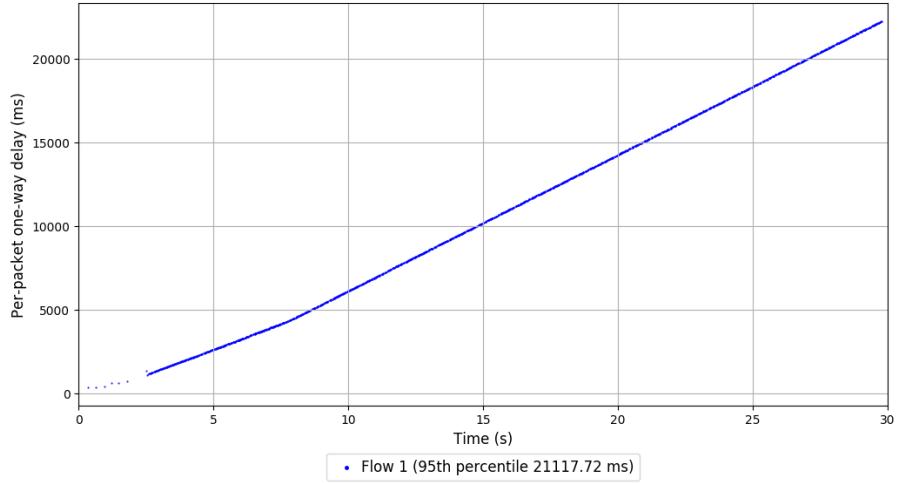
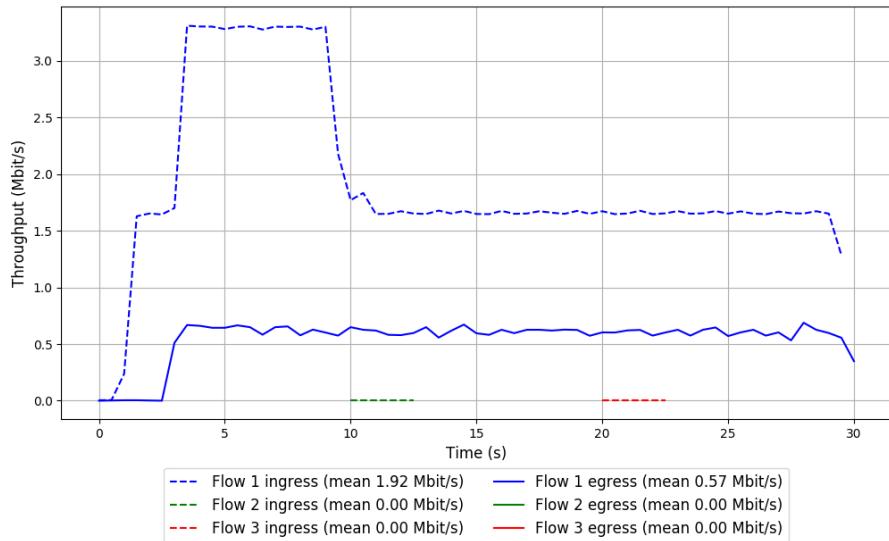
Start at: 2018-05-25 10:03:33

End at: 2018-05-25 10:04:03

Local clock offset: -3.904 ms

Remote clock offset: 10.502 ms

Run 9: Report of PCC-Vivace — Data Link



Run 10: Statistics of PCC-Vivace

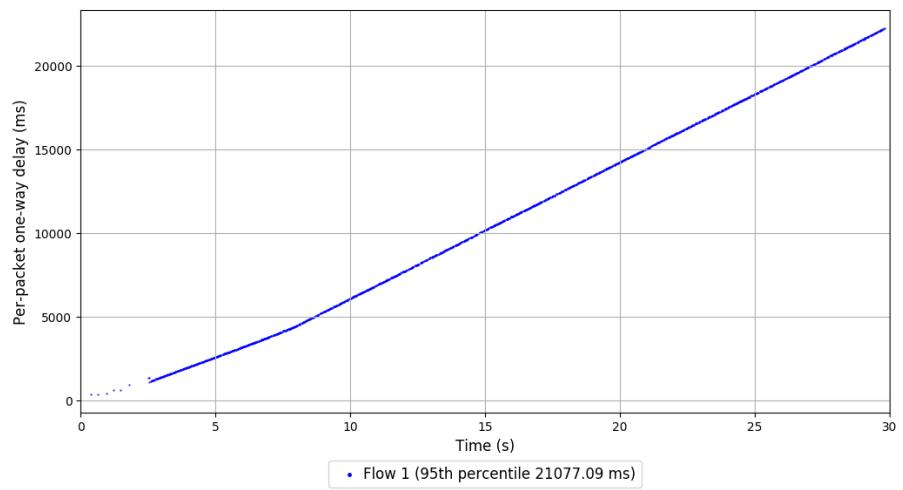
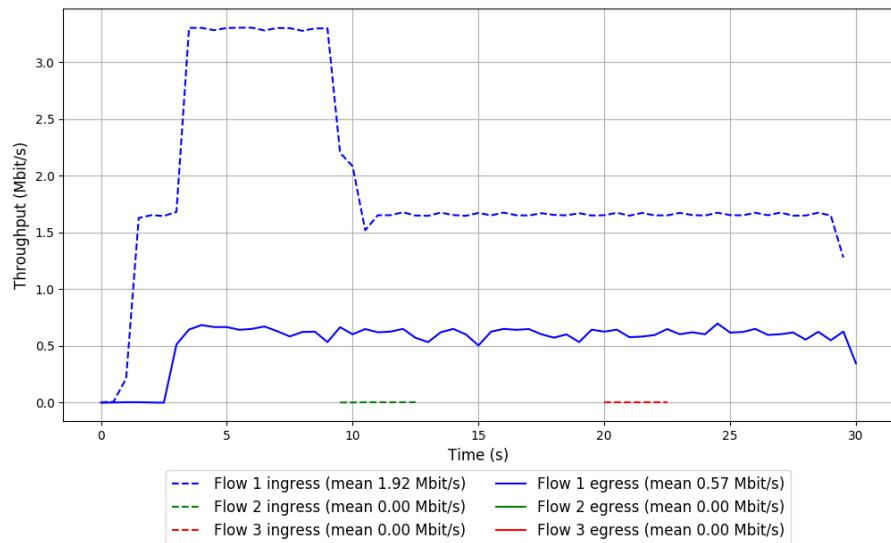
Start at: 2018-05-25 10:22:35

End at: 2018-05-25 10:23:05

Local clock offset: -2.609 ms

Remote clock offset: 13.601 ms

Run 10: Report of PCC-Vivace — Data Link

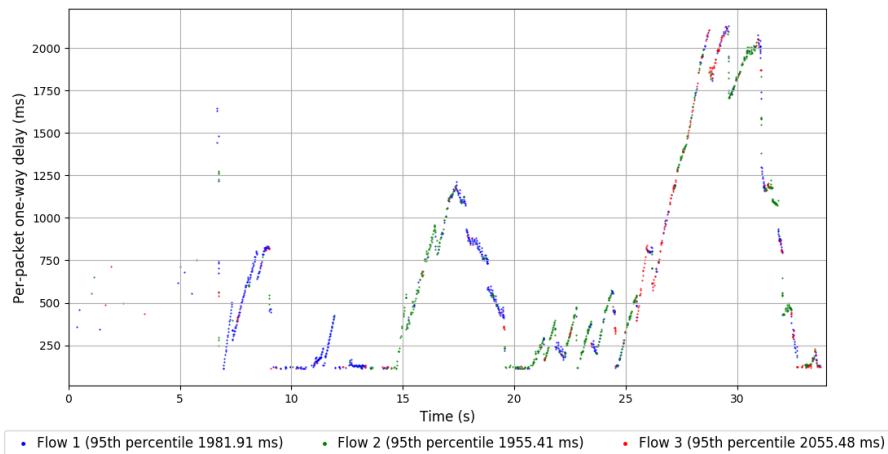
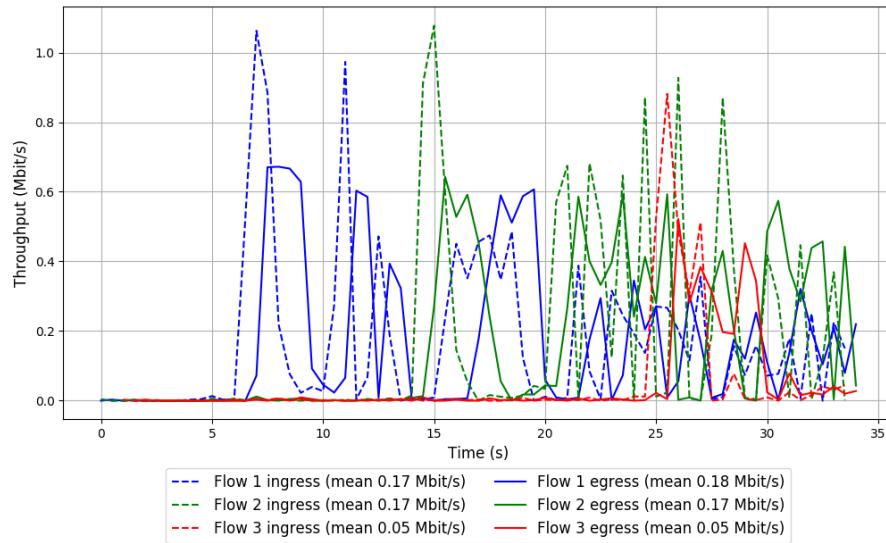


```
Run 1: Statistics of WebRTC media

Start at: 2018-05-25 07:41:54
End at: 2018-05-25 07:42:24
Local clock offset: -1.671 ms
Remote clock offset: 8.447 ms

# Below is generated by plot.py at 2018-05-25 10:40:26
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 1984.386 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 1981.914 ms
Loss rate: 0.65%
-- Flow 2:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 1955.408 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 2055.483 ms
Loss rate: 0.96%
```

Run 1: Report of WebRTC media — Data Link

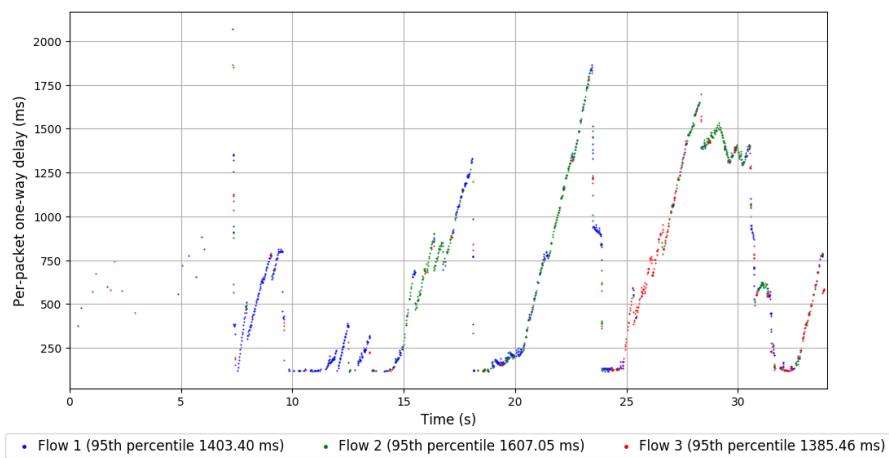
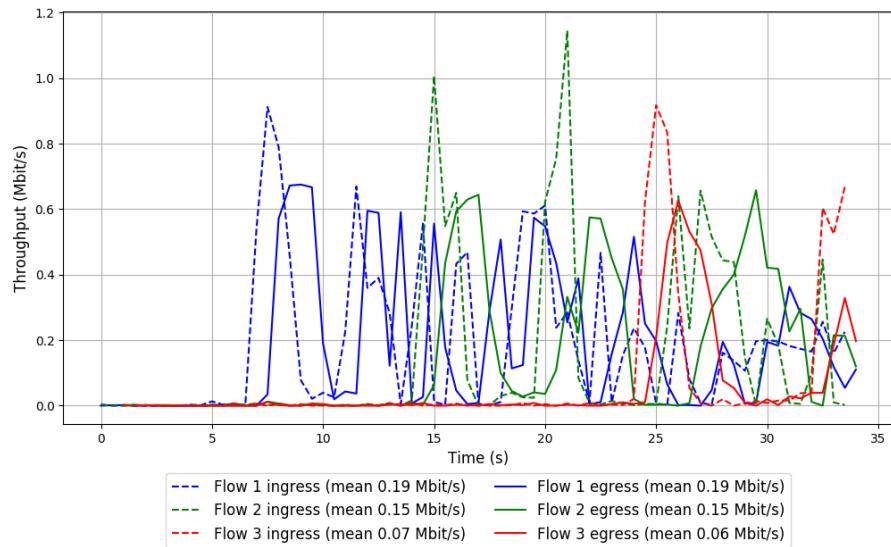


Run 2: Statistics of WebRTC media

```
Start at: 2018-05-25 08:00:56
End at: 2018-05-25 08:01:26
Local clock offset: -2.312 ms
Remote clock offset: 5.255 ms

# Below is generated by plot.py at 2018-05-25 10:40:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 1503.673 ms
Loss rate: 5.35%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 1403.402 ms
Loss rate: 2.95%
-- Flow 2:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 1607.046 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 1385.460 ms
Loss rate: 22.55%
```

Run 2: Report of WebRTC media — Data Link

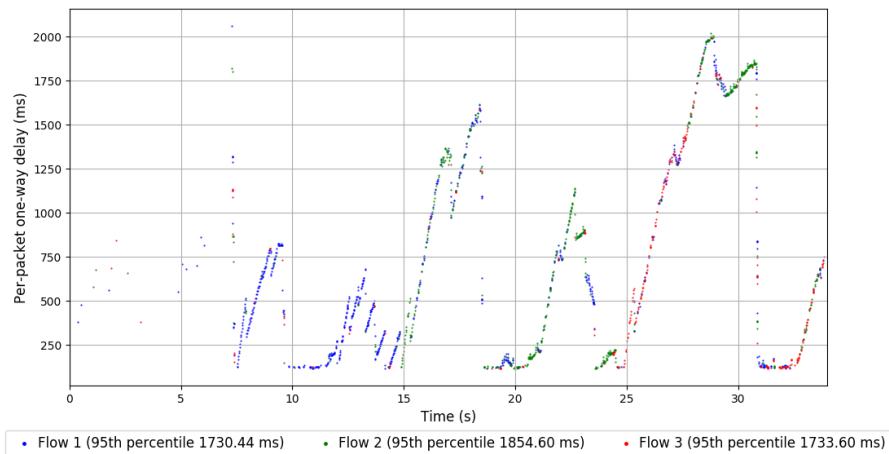
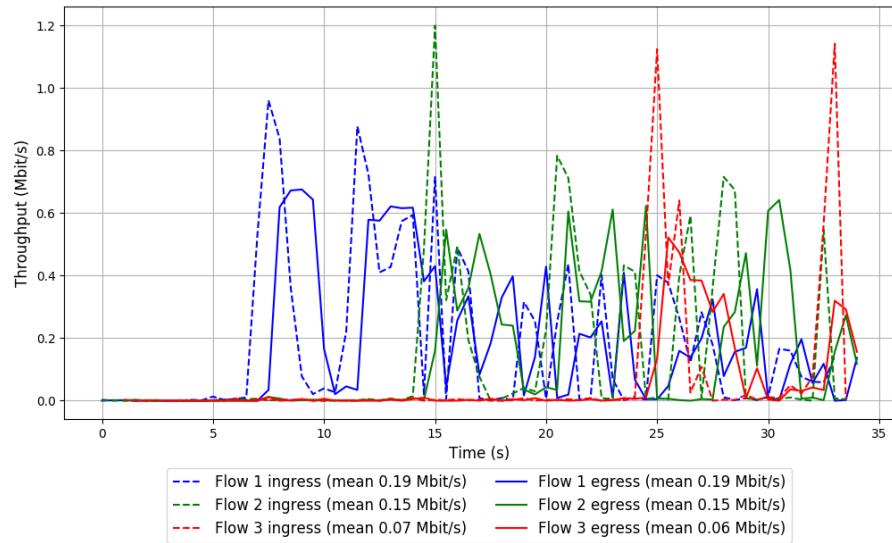


```
Run 3: Statistics of WebRTC media

Start at: 2018-05-25 08:19:57
End at: 2018-05-25 08:20:27
Local clock offset: -2.934 ms
Remote clock offset: 8.433 ms

# Below is generated by plot.py at 2018-05-25 10:40:27
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 1820.393 ms
Loss rate: 3.95%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 1730.443 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 1854.598 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 1733.599 ms
Loss rate: 20.55%
```

Run 3: Report of WebRTC media — Data Link

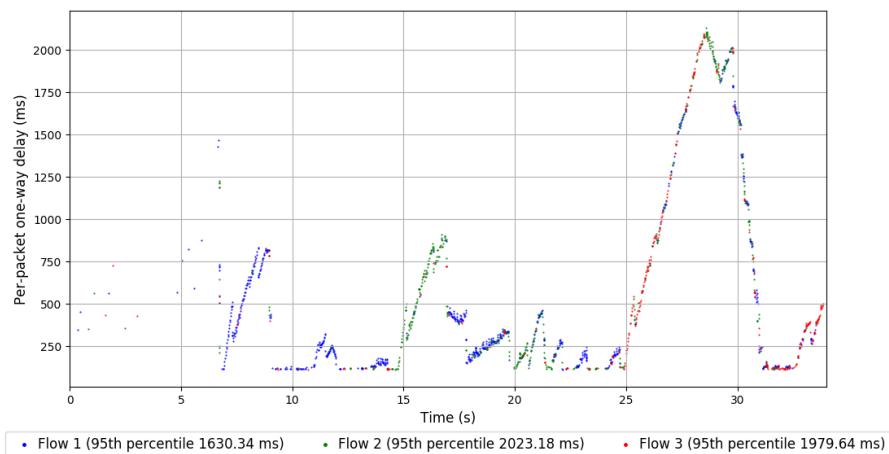
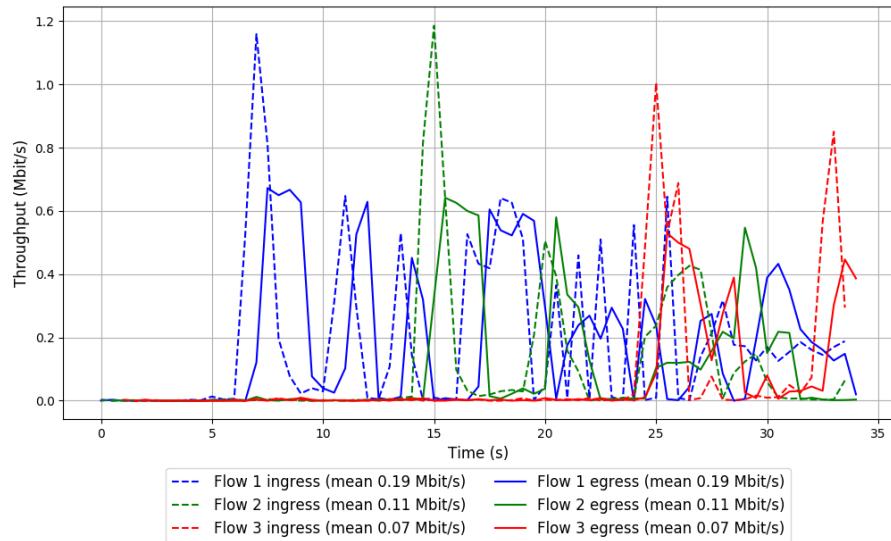


Run 4: Statistics of WebRTC media

```
Start at: 2018-05-25 08:38:57
End at: 2018-05-25 08:39:28
Local clock offset: -2.326 ms
Remote clock offset: 8.589 ms

# Below is generated by plot.py at 2018-05-25 10:40:28
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 1932.130 ms
Loss rate: 3.56%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 1630.343 ms
Loss rate: 1.57%
-- Flow 2:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 2023.182 ms
Loss rate: 0.90%
-- Flow 3:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 1979.642 ms
Loss rate: 12.93%
```

Run 4: Report of WebRTC media — Data Link

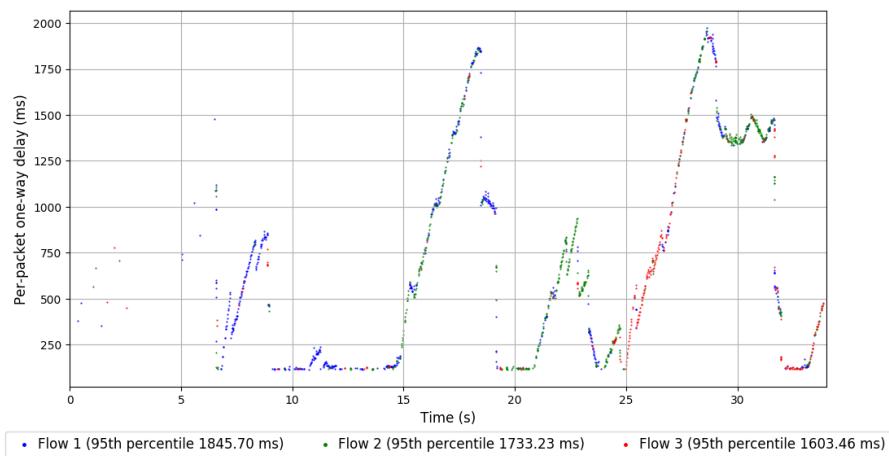
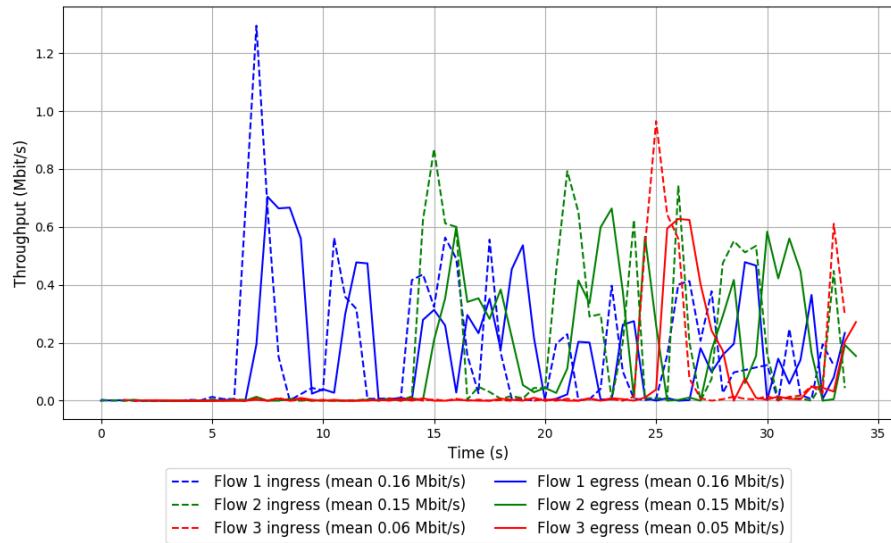


```
Run 5: Statistics of WebRTC media

Start at: 2018-05-25 08:58:03
End at: 2018-05-25 08:58:33
Local clock offset: -2.311 ms
Remote clock offset: 7.828 ms

# Below is generated by plot.py at 2018-05-25 10:40:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 1794.057 ms
Loss rate: 2.54%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 1845.702 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 1733.230 ms
Loss rate: 2.00%
-- Flow 3:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1603.465 ms
Loss rate: 10.85%
```

Run 5: Report of WebRTC media — Data Link

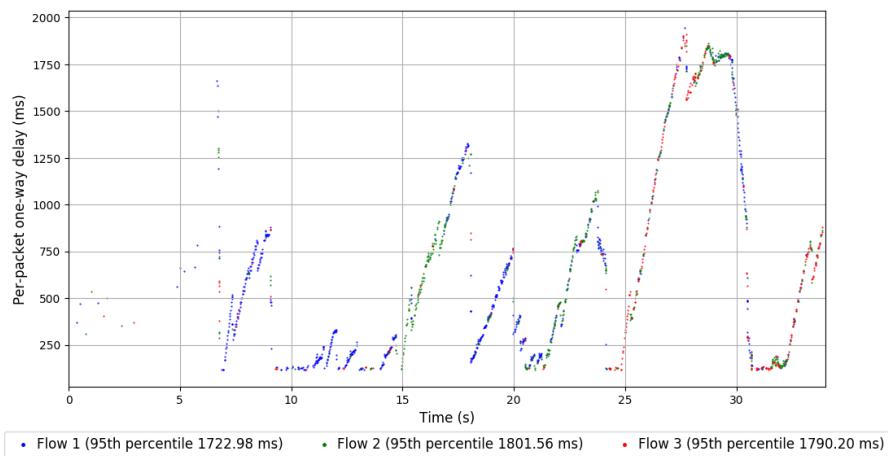
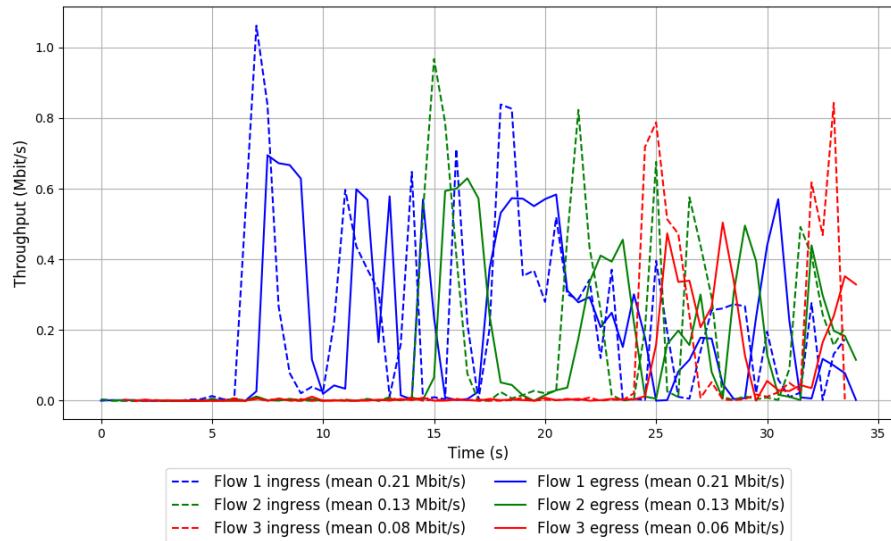


Run 6: Statistics of WebRTC media

```
Start at: 2018-05-25 09:17:04
End at: 2018-05-25 09:17:34
Local clock offset: -2.859 ms
Remote clock offset: 3.474 ms

# Below is generated by plot.py at 2018-05-25 10:40:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 1786.404 ms
Loss rate: 5.43%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 1722.982 ms
Loss rate: 2.17%
-- Flow 2:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 1801.558 ms
Loss rate: 4.13%
-- Flow 3:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 1790.198 ms
Loss rate: 16.97%
```

Run 6: Report of WebRTC media — Data Link

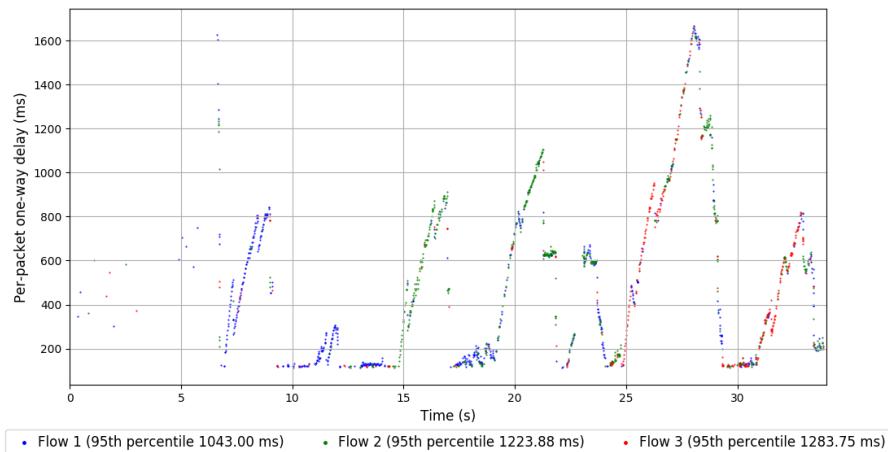
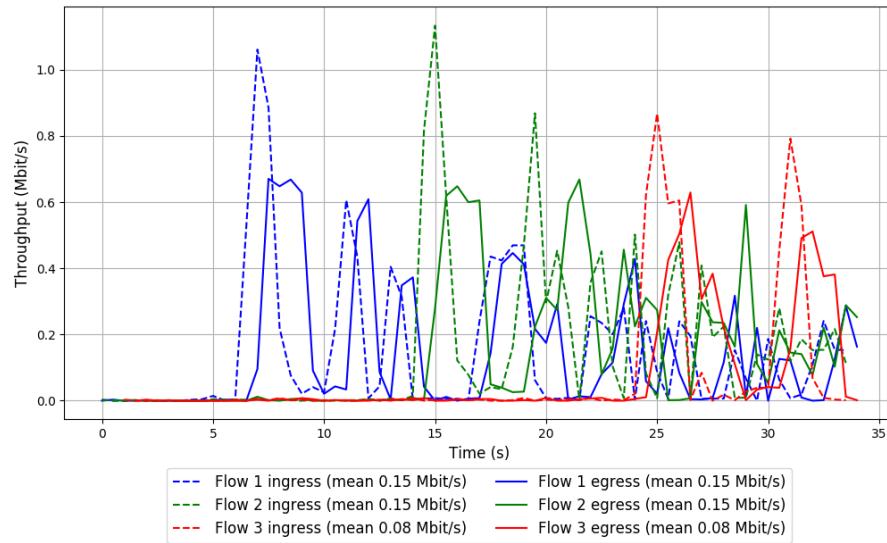


Run 7: Statistics of WebRTC media

```
Start at: 2018-05-25 09:36:07
End at: 2018-05-25 09:36:37
Local clock offset: -5.876 ms
Remote clock offset: 8.074 ms

# Below is generated by plot.py at 2018-05-25 10:40:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 1234.823 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 1043.003 ms
Loss rate: 0.98%
-- Flow 2:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 1223.880 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 1283.747 ms
Loss rate: 0.00%
```

Run 7: Report of WebRTC media — Data Link

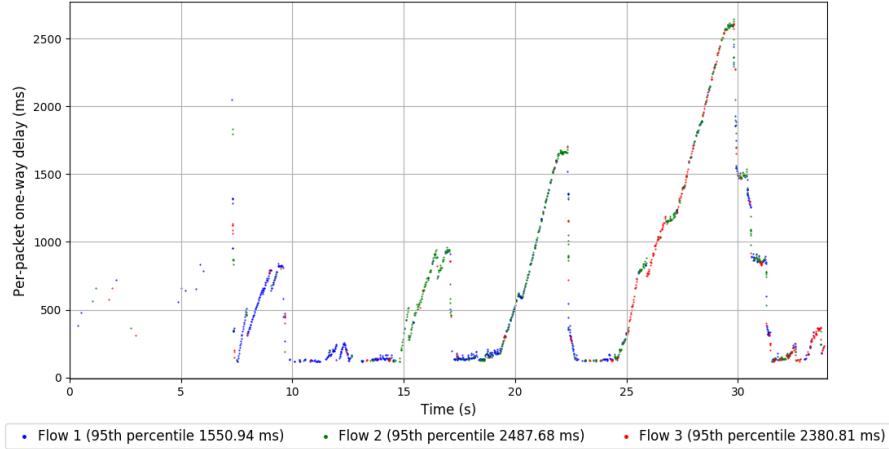
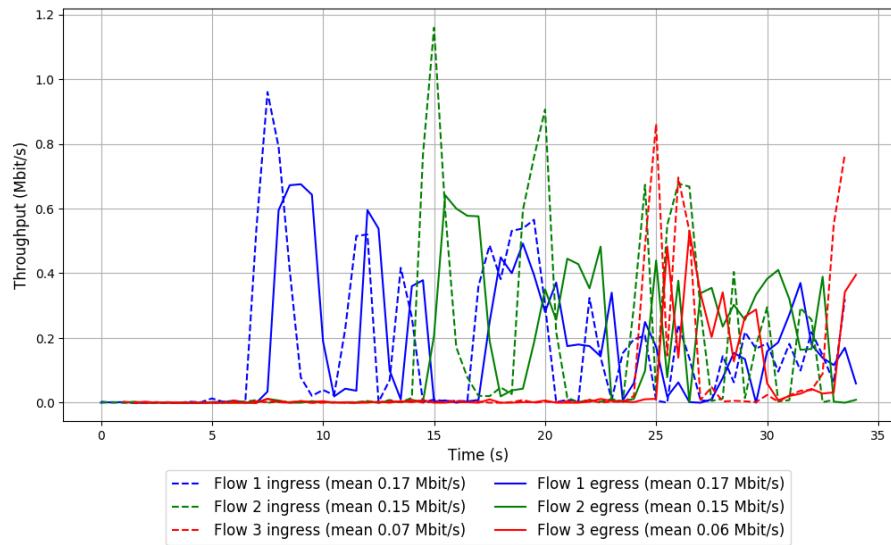


Run 8: Statistics of WebRTC media

```
Start at: 2018-05-25 09:55:11
End at: 2018-05-25 09:55:41
Local clock offset: -7.793 ms
Remote clock offset: 8.237 ms

# Below is generated by plot.py at 2018-05-25 10:40:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 2200.347 ms
Loss rate: 3.51%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 1550.937 ms
Loss rate: 2.30%
-- Flow 2:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 2487.679 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 2380.811 ms
Loss rate: 14.64%
```

Run 8: Report of WebRTC media — Data Link

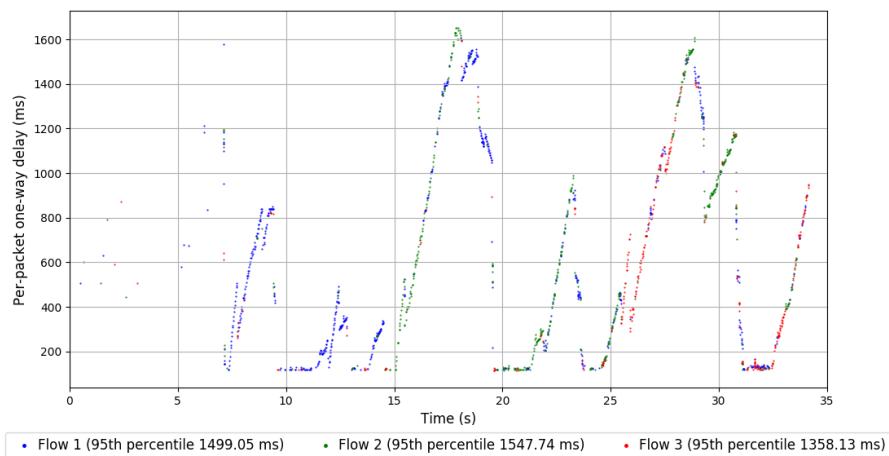
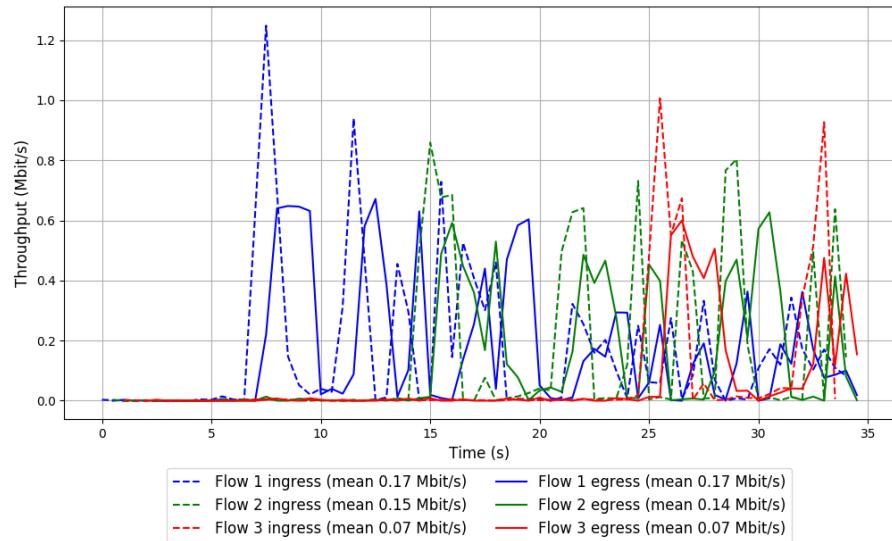


Run 9: Statistics of WebRTC media

```
Start at: 2018-05-25 10:14:15
End at: 2018-05-25 10:14:45
Local clock offset: -3.104 ms
Remote clock offset: 16.066 ms

# Below is generated by plot.py at 2018-05-25 10:40:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 1510.893 ms
Loss rate: 5.97%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 1499.052 ms
Loss rate: 2.26%
-- Flow 2:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 1547.739 ms
Loss rate: 8.10%
-- Flow 3:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 1358.134 ms
Loss rate: 10.56%
```

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

```
Start at: 2018-05-25 10:33:17
End at: 2018-05-25 10:33:47
Local clock offset: -2.53 ms
Remote clock offset: 18.788 ms

# Below is generated by plot.py at 2018-05-25 10:40:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 1213.567 ms
Loss rate: 1.54%
-- Flow 1:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 1083.453 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 1143.337 ms
Loss rate: 0.82%
-- Flow 3:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 1360.273 ms
Loss rate: 6.46%
```

Run 10: Report of WebRTC media — Data Link

