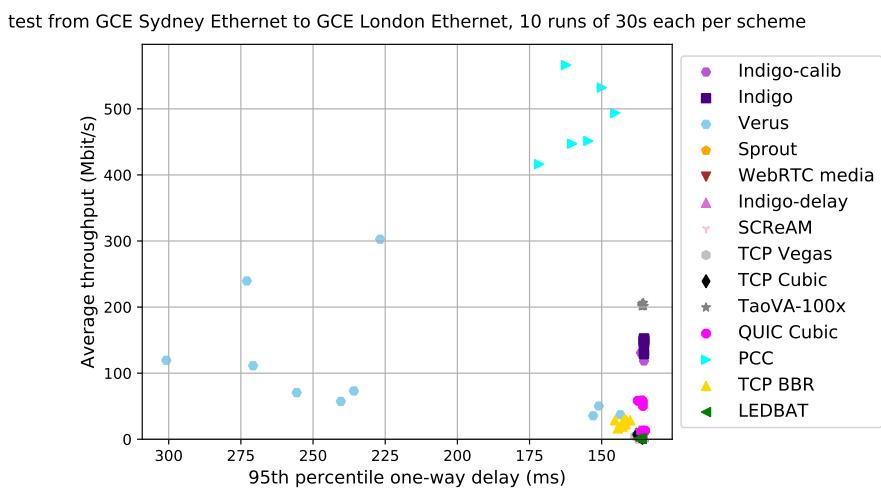
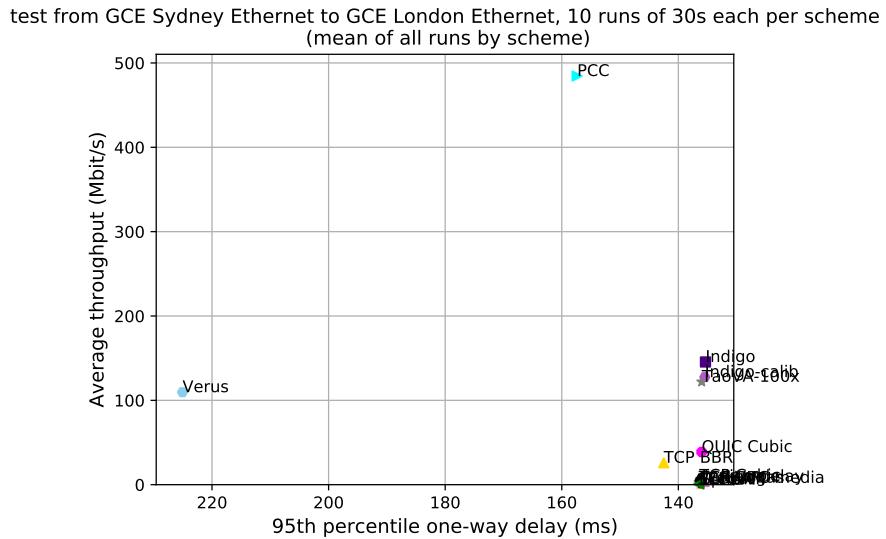


Pantheon Report

Generated at 2017-09-22 00:16:23 (UTC).
Data path: GCE Sydney Ethernet (*local*) → GCE London Ethernet (*remote*).
Repeated the test of 14 congestion control schemes 10 times.
Each test lasted for 30 seconds running 1 flow.
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

Git summary:

```
branch: indigos @ 46c7c812d4acb71eea4f5fb0b03b3657cea3062f
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/indigo-cellular @ aee99e8eb842cb053f8c9a80e28cd256a930bbc2
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/indigo-no-cwnd @ 3e58442c04028a11d7b02456e137604633ba2d6c
third_party/indigo-no-delivery-rate @ 57caa40858b964906edff4876d5a7e5bfff666c5
third_party/indigo-no-queuing-delay @ 03455460fd1a8ffbdad86fabb936fdca204b80db
third_party/indigo-no-send-rate @ b39dfa6b2c5f19cb7cd89626cb4f5bb81f9fecda
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179aab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
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/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bf7e749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efef6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	25.95	142.51	0.89
TCP Cubic	10	4.70	136.42	0.66
LEDBAT	10	0.85	136.48	0.24
PCC	6	484.49	157.36	1.08
QUIC Cubic	10	38.75	136.01	0.04
SCReAM	10	0.21	136.71	0.06
WebRTC media	10	2.17	136.19	0.04
Sprout	10	0.43	136.20	0.13
TaoVA-100x	7	121.99	135.99	0.09
TCP Vegas	10	2.45	136.51	0.95
Verus	10	109.68	225.07	4.48
Indigo	10	145.50	135.35	0.14
Indigo-calib	10	127.55	135.47	0.22
Indigo-delay	10	3.82	135.59	1.70

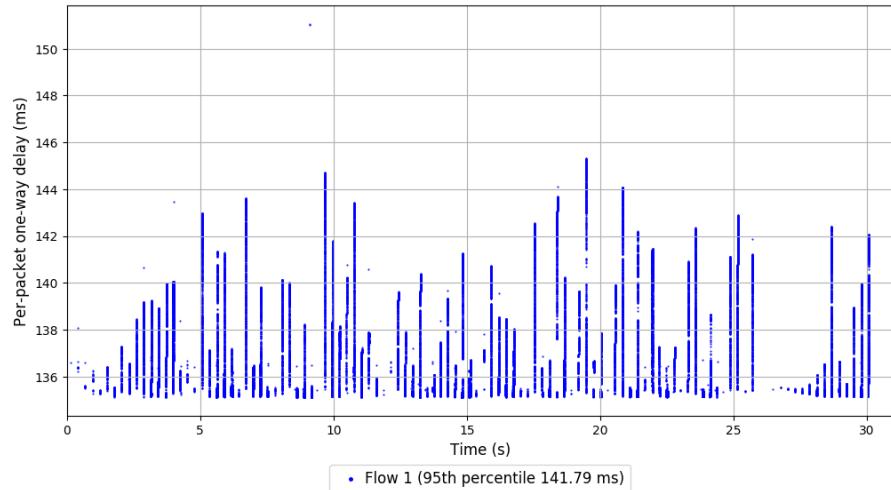
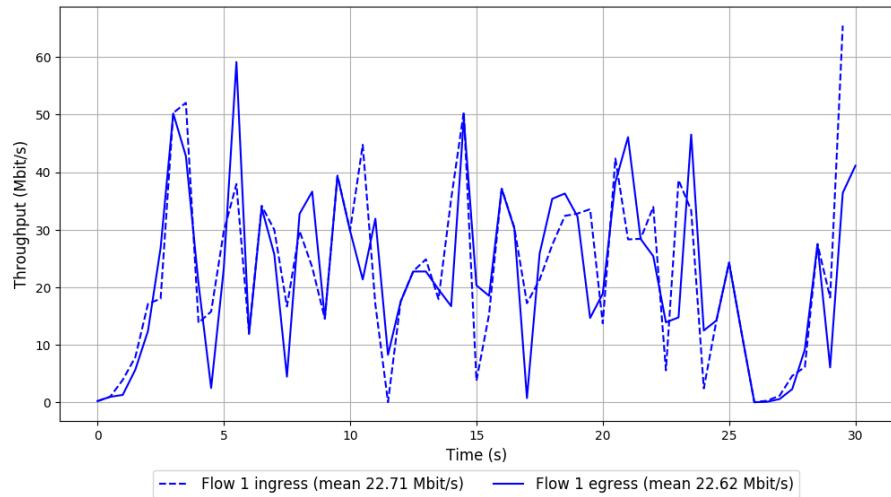
Run 1: Statistics of TCP BBR

Start at: 2017-09-21 21:41:49

End at: 2017-09-21 21:42:19

```
# Below is generated by plot.py at 2017-09-21 23:53:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.62 Mbit/s
95th percentile per-packet one-way delay: 141.793 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 22.62 Mbit/s
95th percentile per-packet one-way delay: 141.793 ms
Loss rate: 0.40%
```

Run 1: Report of TCP BBR — Data Link



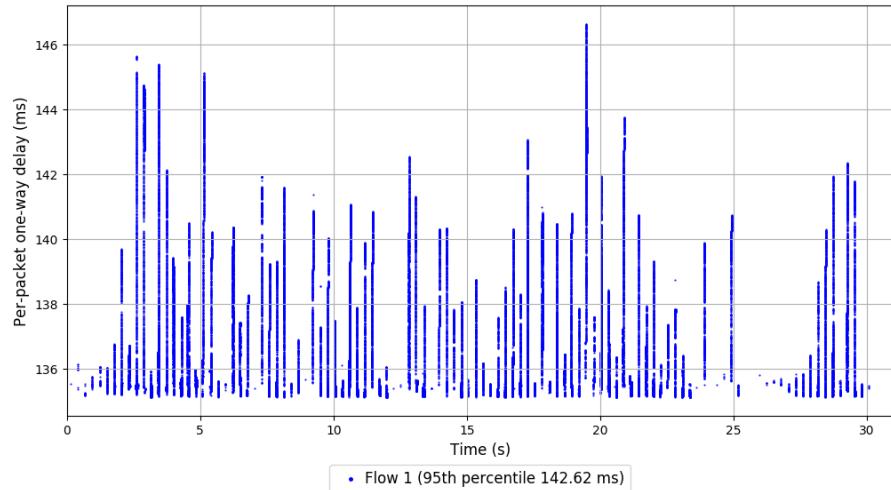
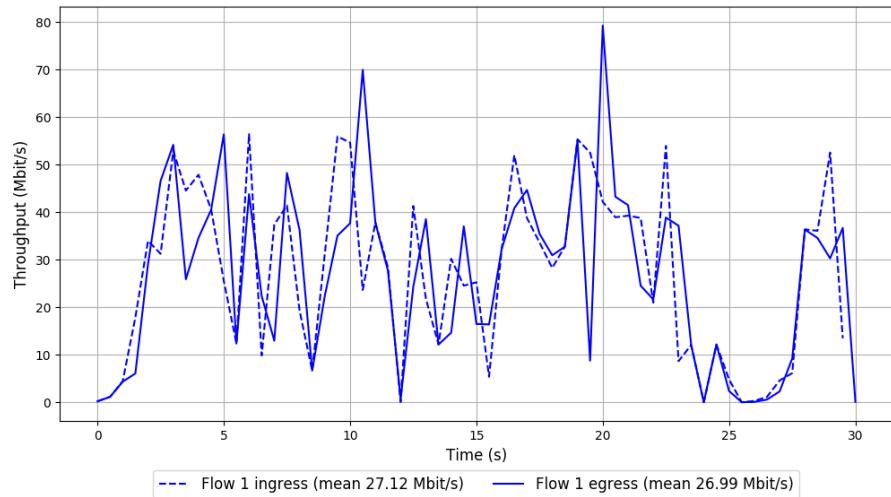
Run 2: Statistics of TCP BBR

Start at: 2017-09-21 21:53:07

End at: 2017-09-21 21:53:37

```
# Below is generated by plot.py at 2017-09-21 23:53:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.99 Mbit/s
95th percentile per-packet one-way delay: 142.622 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 26.99 Mbit/s
95th percentile per-packet one-way delay: 142.622 ms
Loss rate: 0.50%
```

Run 2: Report of TCP BBR — Data Link



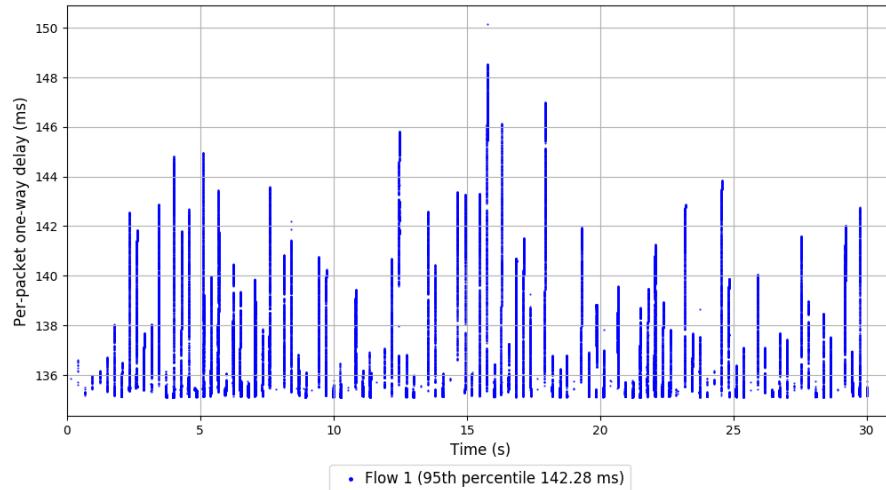
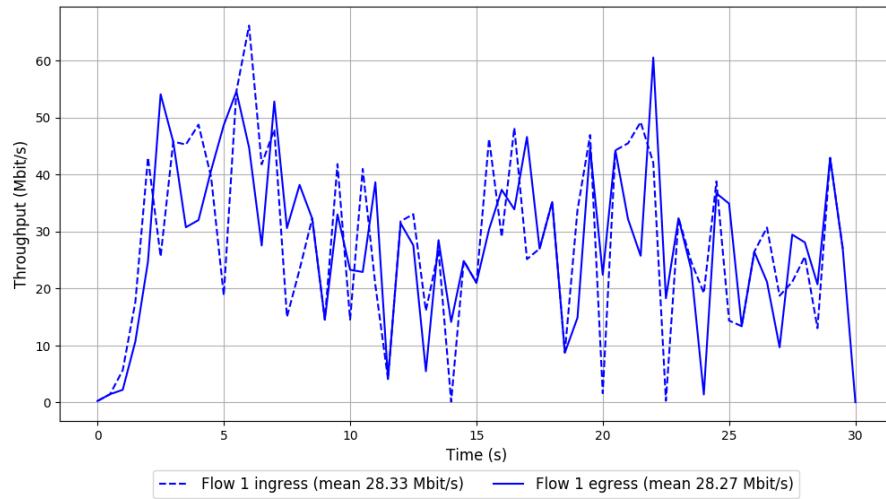
Run 3: Statistics of TCP BBR

Start at: 2017-09-21 22:04:17

End at: 2017-09-21 22:04:47

```
# Below is generated by plot.py at 2017-09-21 23:53:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.27 Mbit/s
95th percentile per-packet one-way delay: 142.282 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 28.27 Mbit/s
95th percentile per-packet one-way delay: 142.282 ms
Loss rate: 0.21%
```

Run 3: Report of TCP BBR — Data Link



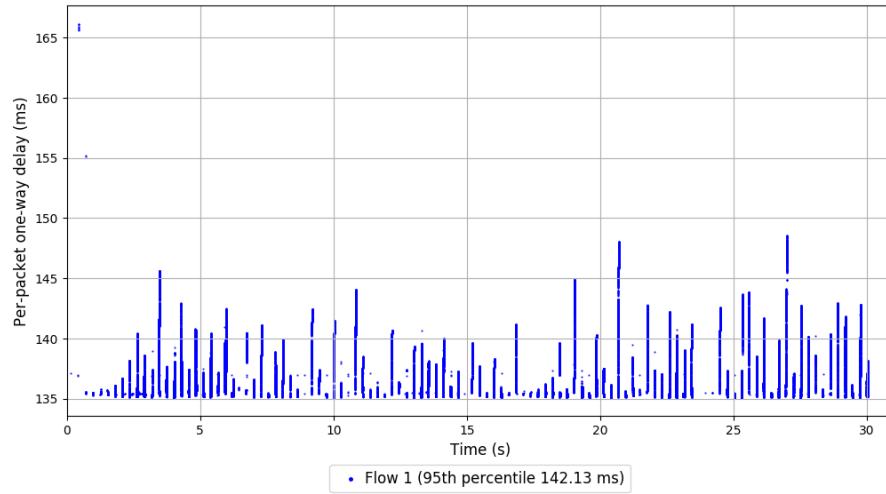
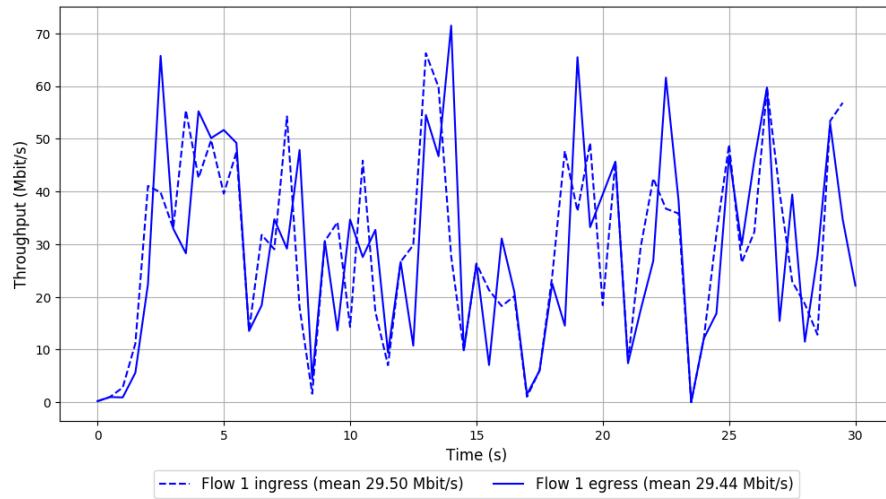
Run 4: Statistics of TCP BBR

Start at: 2017-09-21 22:15:55

End at: 2017-09-21 22:16:25

```
# Below is generated by plot.py at 2017-09-21 23:53:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.44 Mbit/s
95th percentile per-packet one-way delay: 142.135 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 29.44 Mbit/s
95th percentile per-packet one-way delay: 142.135 ms
Loss rate: 0.18%
```

Run 4: Report of TCP BBR — Data Link



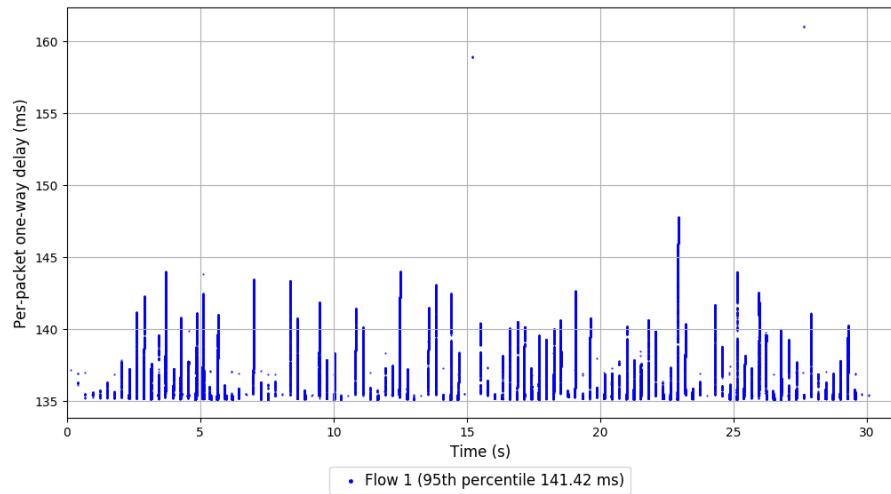
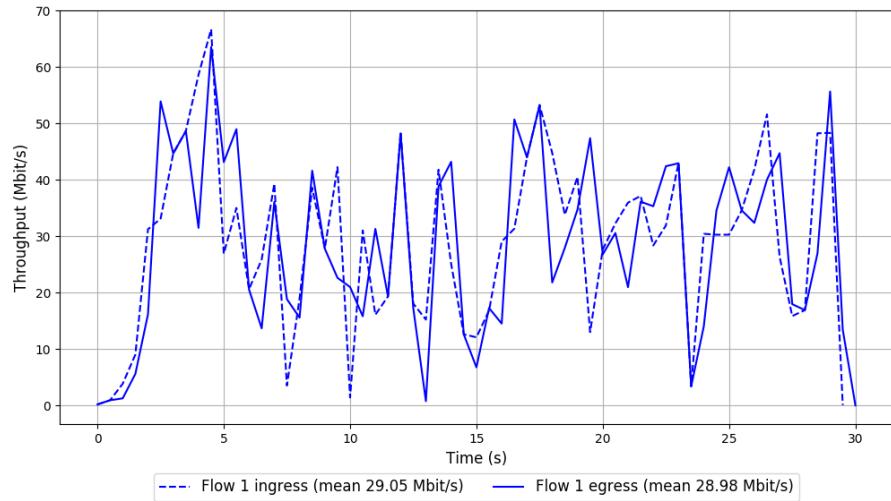
Run 5: Statistics of TCP BBR

Start at: 2017-09-21 22:26:46

End at: 2017-09-21 22:27:16

```
# Below is generated by plot.py at 2017-09-21 23:53:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.98 Mbit/s
95th percentile per-packet one-way delay: 141.419 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 28.98 Mbit/s
95th percentile per-packet one-way delay: 141.419 ms
Loss rate: 0.25%
```

Run 5: Report of TCP BBR — Data Link



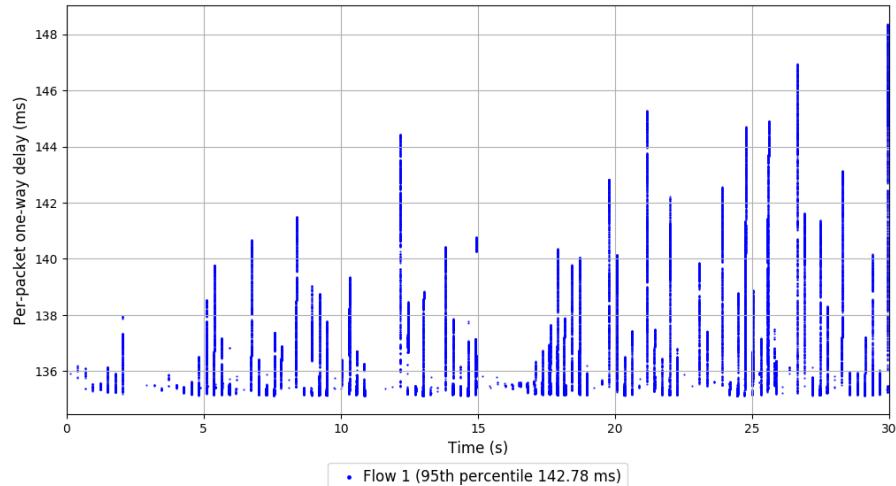
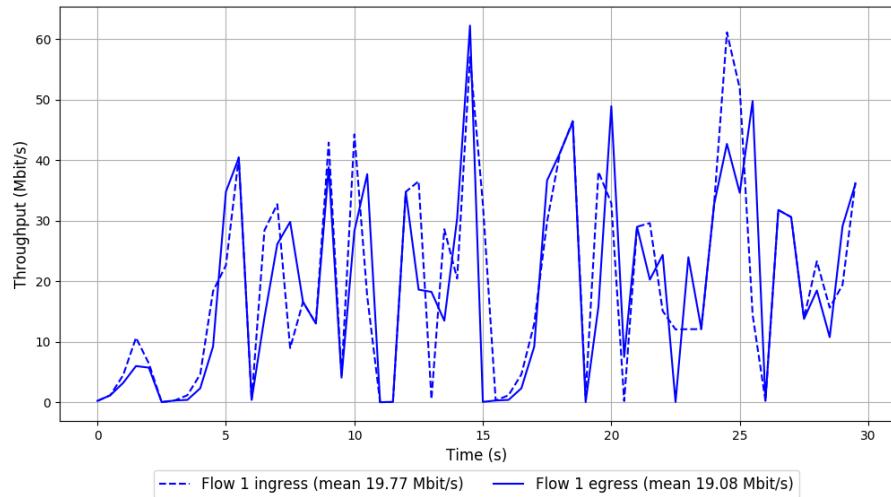
Run 6: Statistics of TCP BBR

Start at: 2017-09-21 22:37:50

End at: 2017-09-21 22:38:20

```
# Below is generated by plot.py at 2017-09-21 23:53:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.08 Mbit/s
95th percentile per-packet one-way delay: 142.782 ms
Loss rate: 3.47%
-- Flow 1:
Average throughput: 19.08 Mbit/s
95th percentile per-packet one-way delay: 142.782 ms
Loss rate: 3.47%
```

Run 6: Report of TCP BBR — Data Link



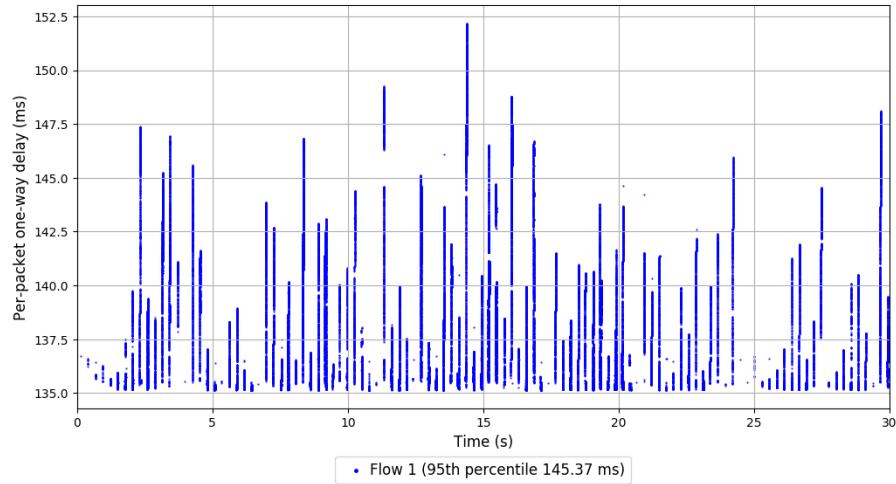
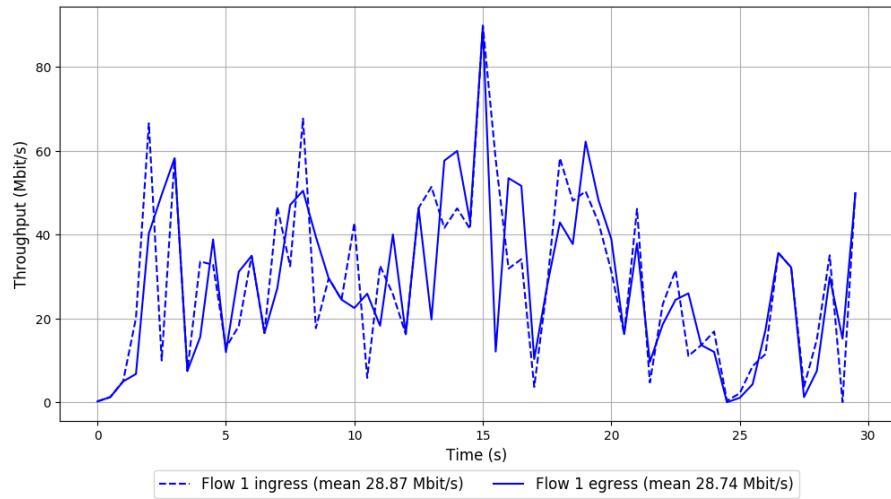
Run 7: Statistics of TCP BBR

Start at: 2017-09-21 22:49:14

End at: 2017-09-21 22:49:44

```
# Below is generated by plot.py at 2017-09-21 23:53:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.74 Mbit/s
95th percentile per-packet one-way delay: 145.368 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 28.74 Mbit/s
95th percentile per-packet one-way delay: 145.368 ms
Loss rate: 0.46%
```

Run 7: Report of TCP BBR — Data Link



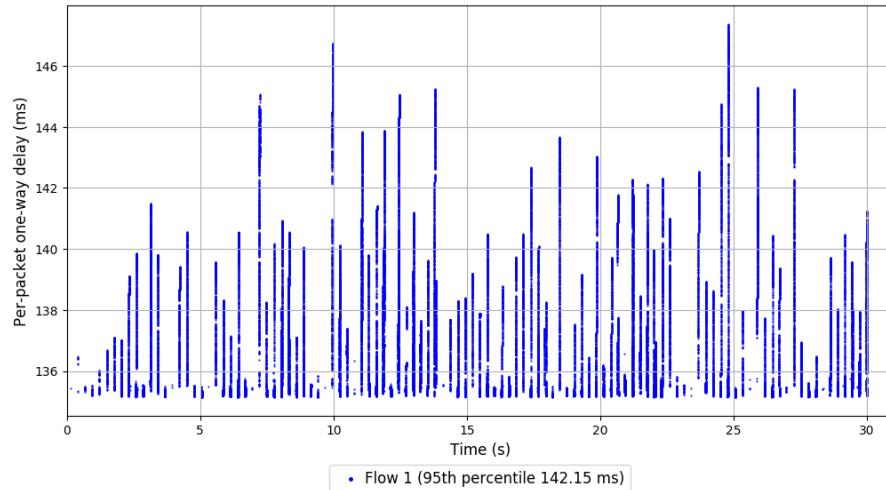
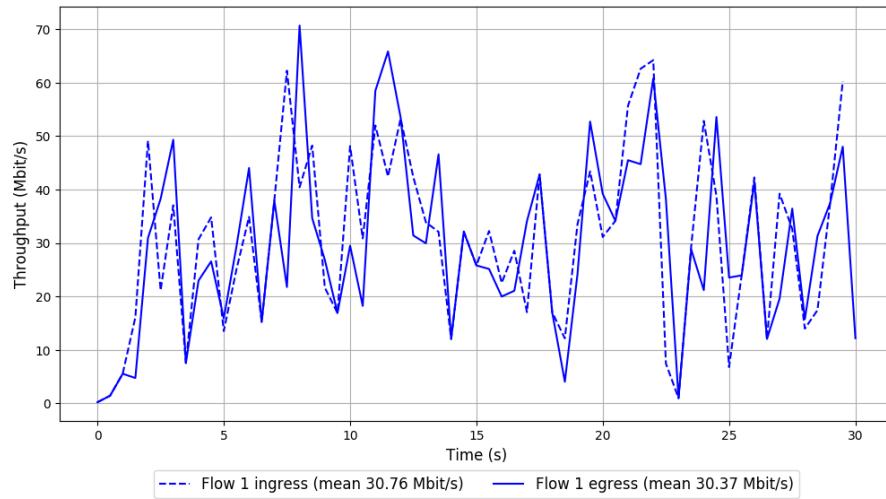
Run 8: Statistics of TCP BBR

Start at: 2017-09-21 23:00:35

End at: 2017-09-21 23:01:05

```
# Below is generated by plot.py at 2017-09-21 23:53:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 30.37 Mbit/s
95th percentile per-packet one-way delay: 142.151 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 30.37 Mbit/s
95th percentile per-packet one-way delay: 142.151 ms
Loss rate: 1.26%
```

Run 8: Report of TCP BBR — Data Link



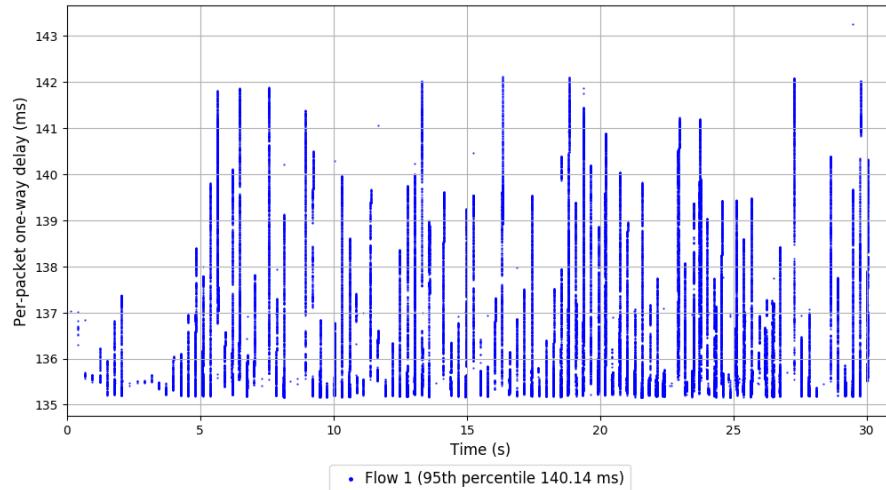
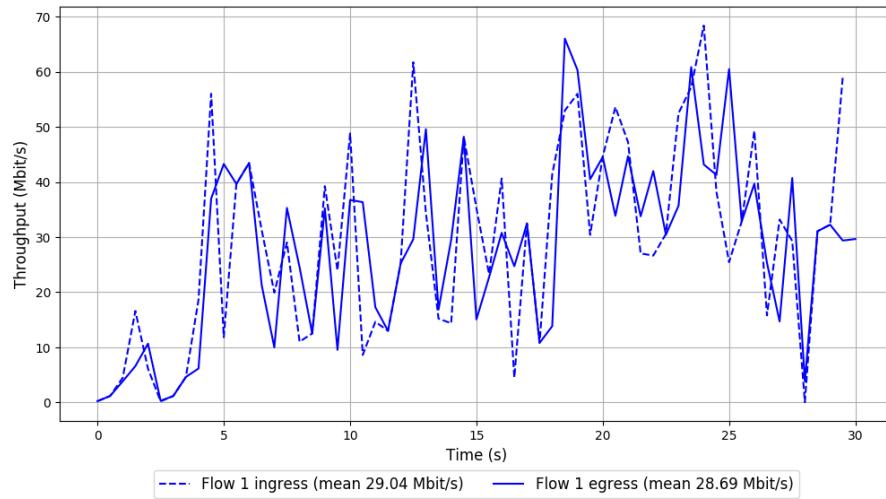
Run 9: Statistics of TCP BBR

Start at: 2017-09-21 23:11:08

End at: 2017-09-21 23:11:38

```
# Below is generated by plot.py at 2017-09-21 23:54:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.69 Mbit/s
95th percentile per-packet one-way delay: 140.144 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 28.69 Mbit/s
95th percentile per-packet one-way delay: 140.144 ms
Loss rate: 1.22%
```

Run 9: Report of TCP BBR — Data Link



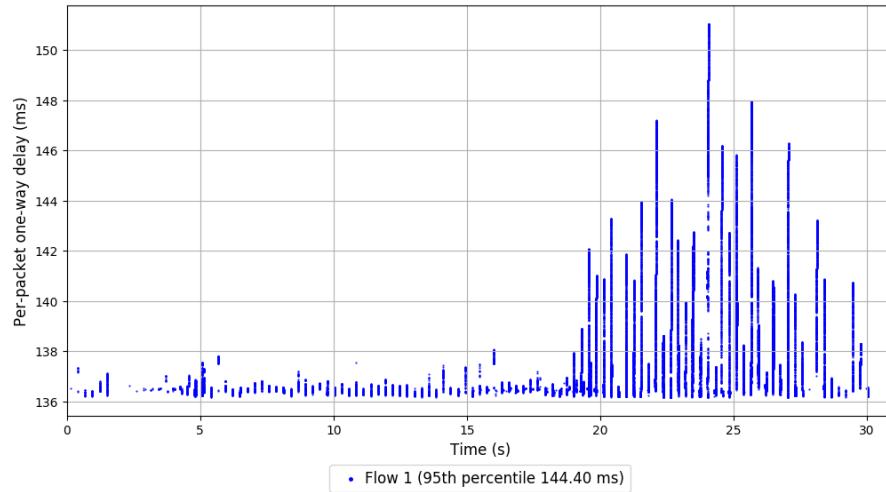
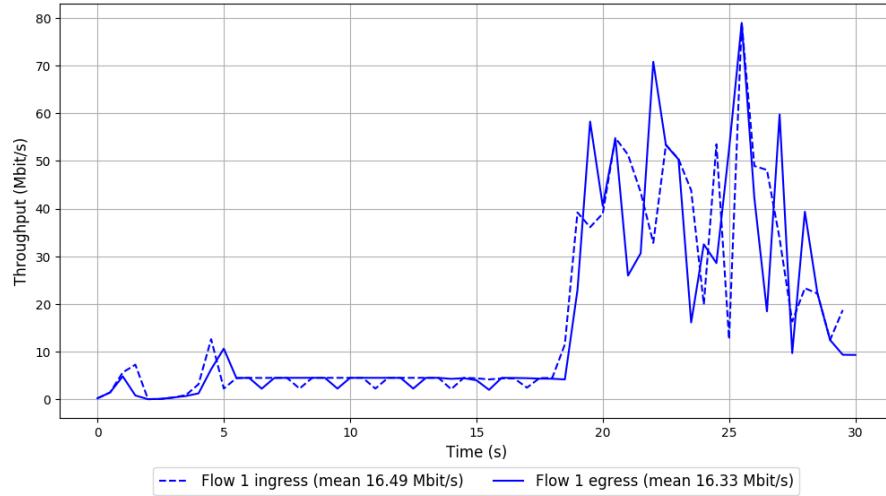
Run 10: Statistics of TCP BBR

Start at: 2017-09-21 23:21:47

End at: 2017-09-21 23:22:17

```
# Below is generated by plot.py at 2017-09-21 23:54:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.33 Mbit/s
95th percentile per-packet one-way delay: 144.403 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 16.33 Mbit/s
95th percentile per-packet one-way delay: 144.403 ms
Loss rate: 1.00%
```

Run 10: Report of TCP BBR — Data Link

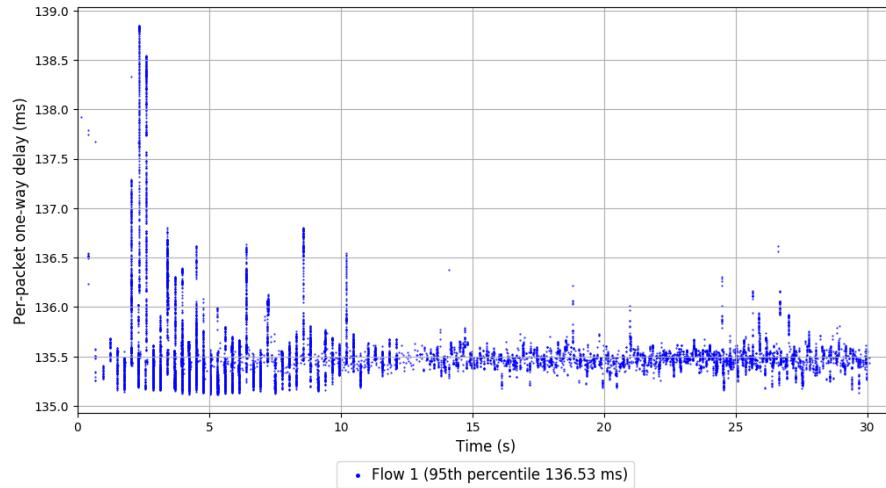
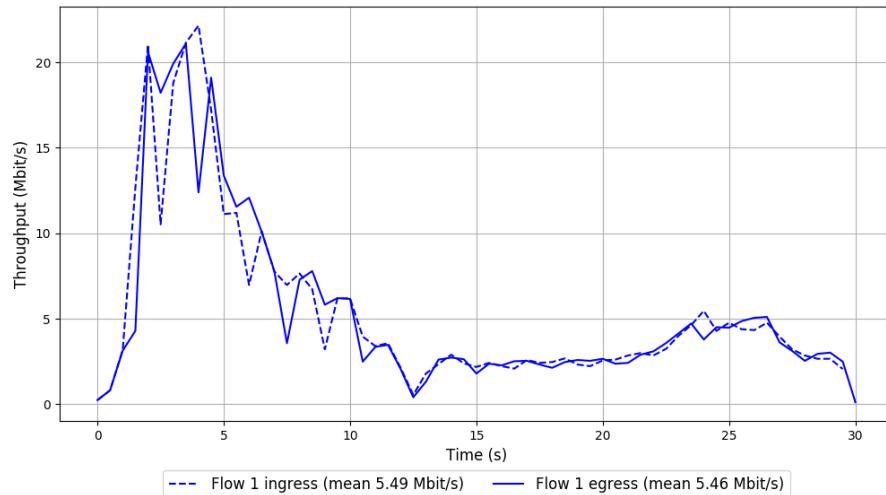


```
Run 1: Statistics of TCP Cubic

Start at: 2017-09-21 21:38:04
End at: 2017-09-21 21:38:34

# Below is generated by plot.py at 2017-09-21 23:54:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.46 Mbit/s
95th percentile per-packet one-way delay: 136.529 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 5.46 Mbit/s
95th percentile per-packet one-way delay: 136.529 ms
Loss rate: 0.61%
```

Run 1: Report of TCP Cubic — Data Link



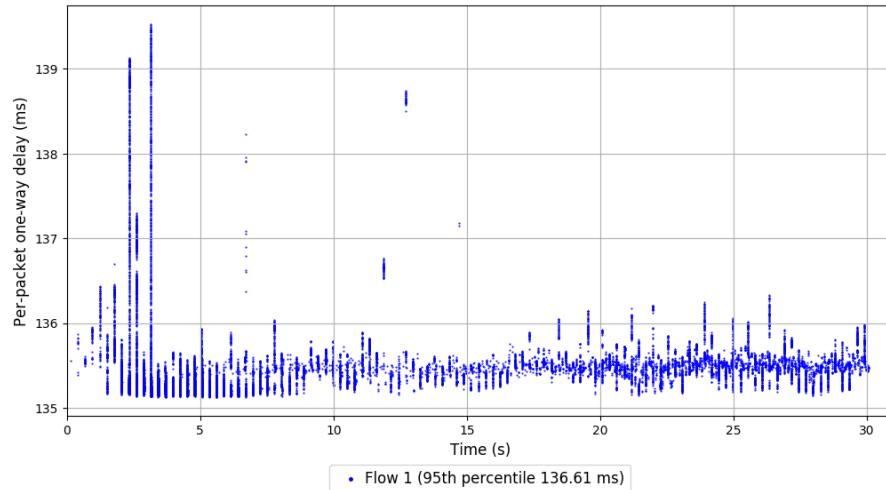
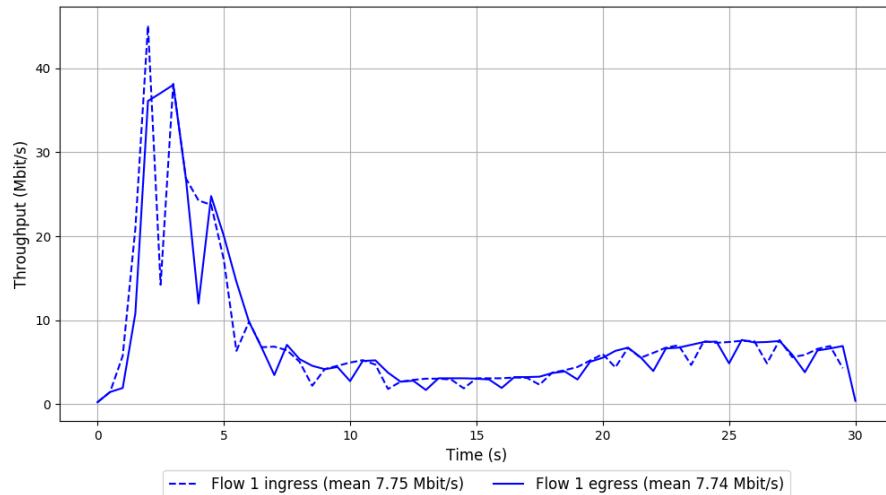
```
Run 2: Statistics of TCP Cubic
```

```
Start at: 2017-09-21 21:49:20
```

```
End at: 2017-09-21 21:49:50
```

```
# Below is generated by plot.py at 2017-09-21 23:54:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.74 Mbit/s
95th percentile per-packet one-way delay: 136.610 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 7.74 Mbit/s
95th percentile per-packet one-way delay: 136.610 ms
Loss rate: 0.11%
```

Run 2: Report of TCP Cubic — Data Link



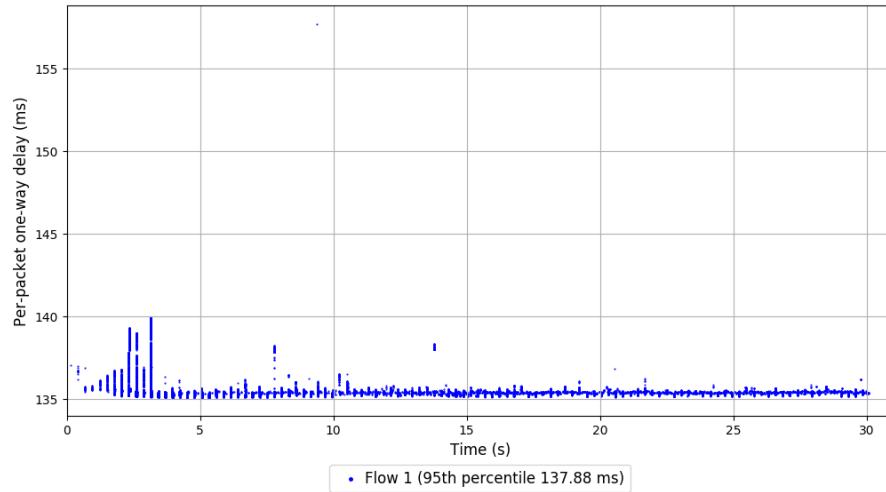
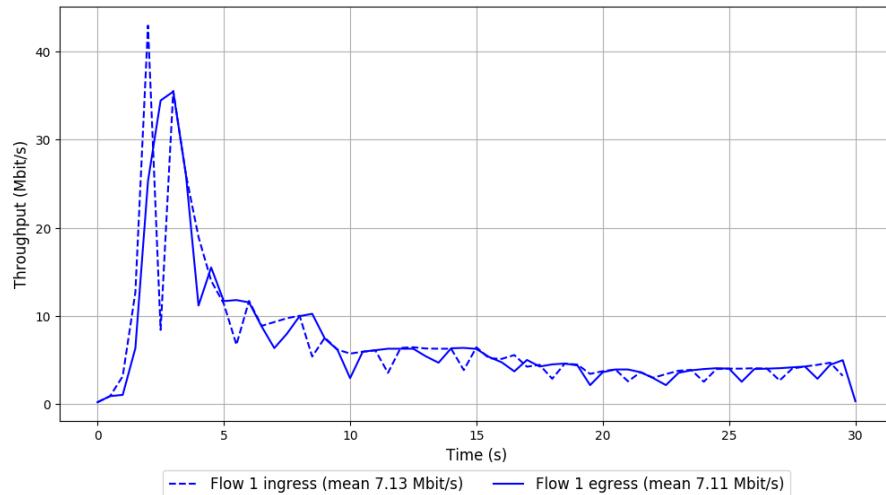
Run 3: Statistics of TCP Cubic

Start at: 2017-09-21 22:00:33

End at: 2017-09-21 22:01:03

```
# Below is generated by plot.py at 2017-09-21 23:54:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.11 Mbit/s
95th percentile per-packet one-way delay: 137.881 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 7.11 Mbit/s
95th percentile per-packet one-way delay: 137.881 ms
Loss rate: 0.36%
```

Run 3: Report of TCP Cubic — Data Link



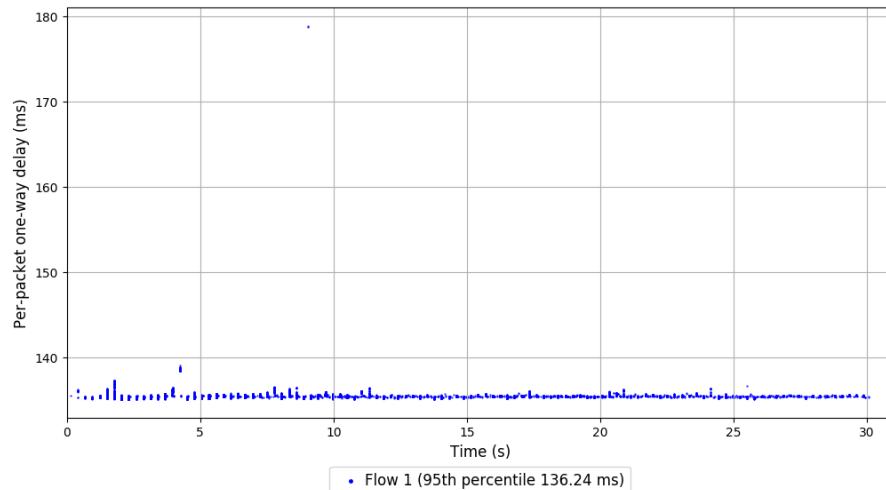
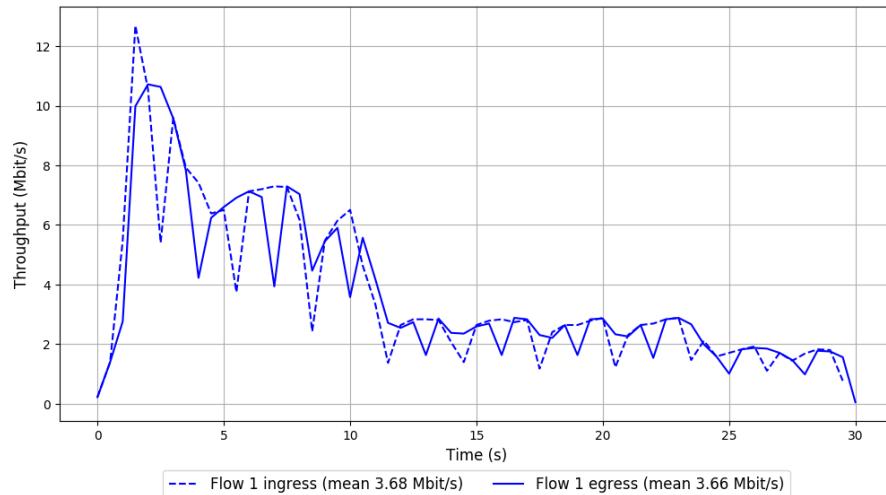
Run 4: Statistics of TCP Cubic

Start at: 2017-09-21 22:11:51

End at: 2017-09-21 22:12:21

```
# Below is generated by plot.py at 2017-09-21 23:54:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.66 Mbit/s
95th percentile per-packet one-way delay: 136.242 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 3.66 Mbit/s
95th percentile per-packet one-way delay: 136.242 ms
Loss rate: 0.55%
```

Run 4: Report of TCP Cubic — Data Link



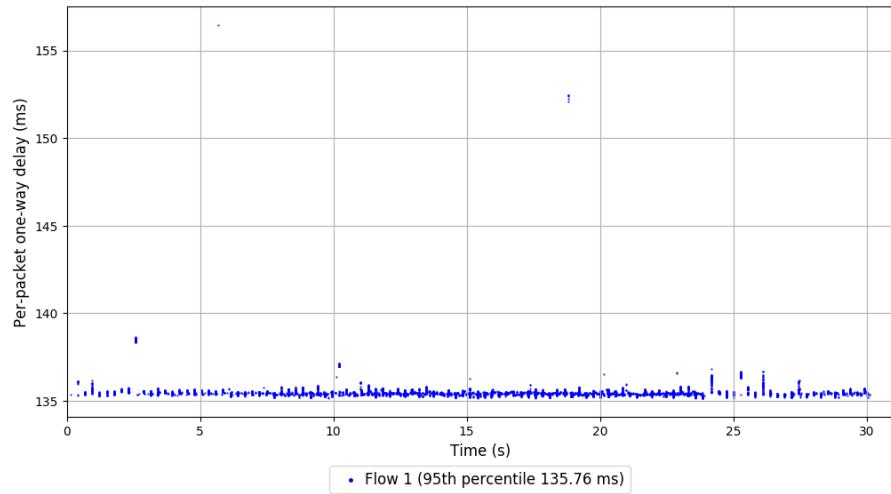
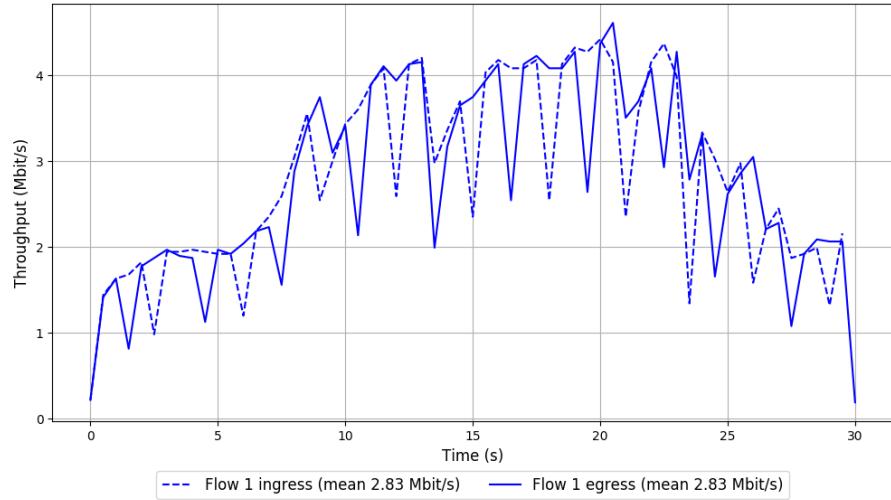
Run 5: Statistics of TCP Cubic

Start at: 2017-09-21 22:22:46

End at: 2017-09-21 22:23:16

```
# Below is generated by plot.py at 2017-09-21 23:54:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.83 Mbit/s
95th percentile per-packet one-way delay: 135.765 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 2.83 Mbit/s
95th percentile per-packet one-way delay: 135.765 ms
Loss rate: 0.14%
```

Run 5: Report of TCP Cubic — Data Link



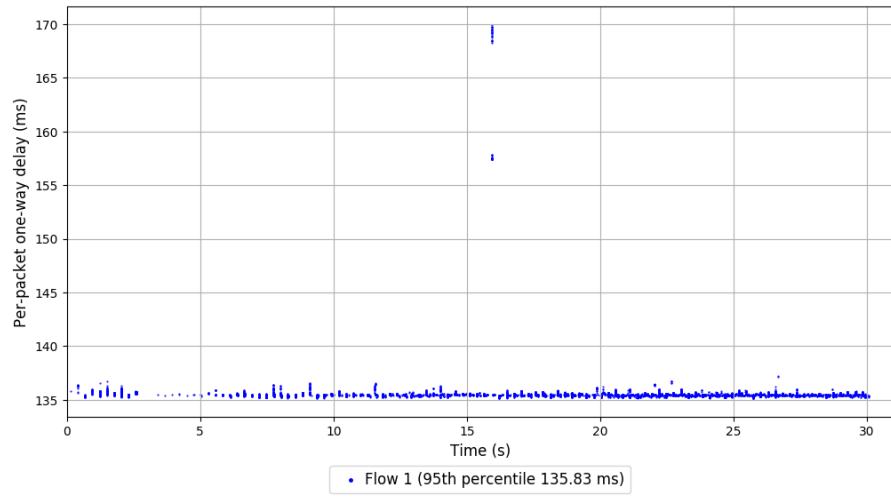
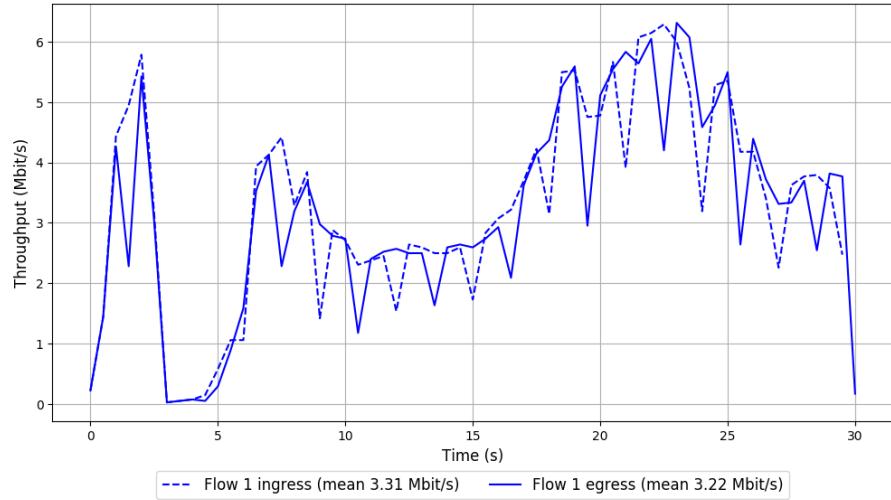
Run 6: Statistics of TCP Cubic

Start at: 2017-09-21 22:34:08

End at: 2017-09-21 22:34:38

```
# Below is generated by plot.py at 2017-09-21 23:54:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.22 Mbit/s
95th percentile per-packet one-way delay: 135.833 ms
Loss rate: 2.52%
-- Flow 1:
Average throughput: 3.22 Mbit/s
95th percentile per-packet one-way delay: 135.833 ms
Loss rate: 2.52%
```

Run 6: Report of TCP Cubic — Data Link



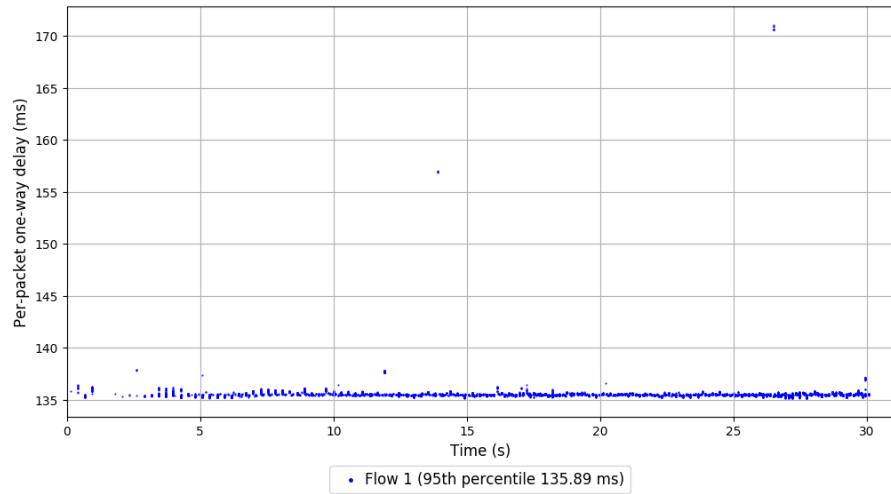
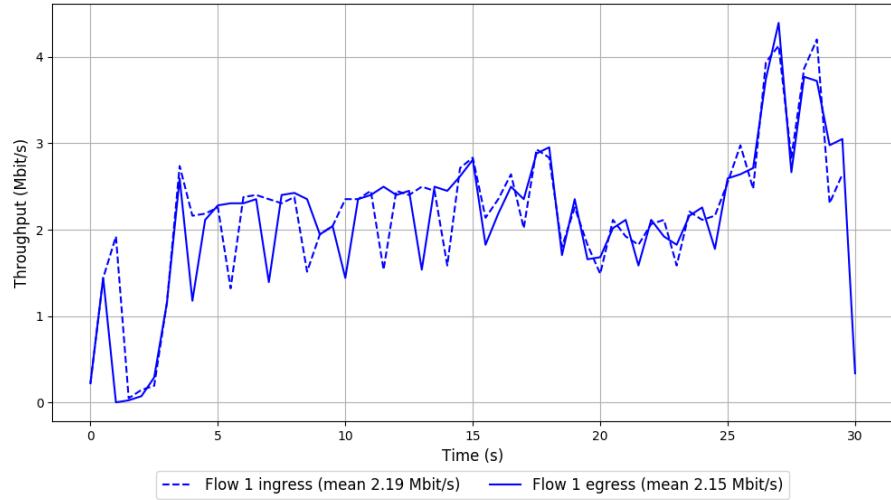
```
Run 7: Statistics of TCP Cubic
```

```
Start at: 2017-09-21 22:45:29
```

```
End at: 2017-09-21 22:45:59
```

```
# Below is generated by plot.py at 2017-09-21 23:54:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 135.894 ms
Loss rate: 1.69%
-- Flow 1:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 135.894 ms
Loss rate: 1.69%
```

Run 7: Report of TCP Cubic — Data Link



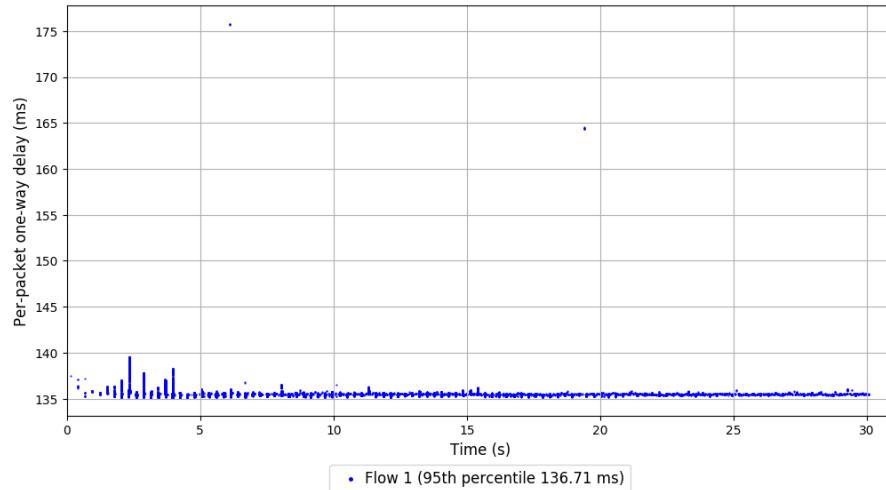
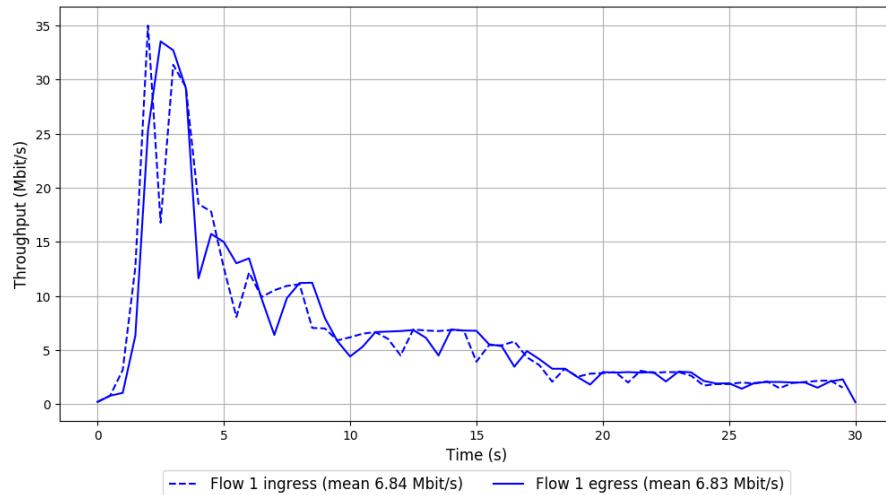
Run 8: Statistics of TCP Cubic

Start at: 2017-09-21 22:56:55

End at: 2017-09-21 22:57:25

```
# Below is generated by plot.py at 2017-09-21 23:54:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.83 Mbit/s
95th percentile per-packet one-way delay: 136.711 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 6.83 Mbit/s
95th percentile per-packet one-way delay: 136.711 ms
Loss rate: 0.15%
```

Run 8: Report of TCP Cubic — Data Link



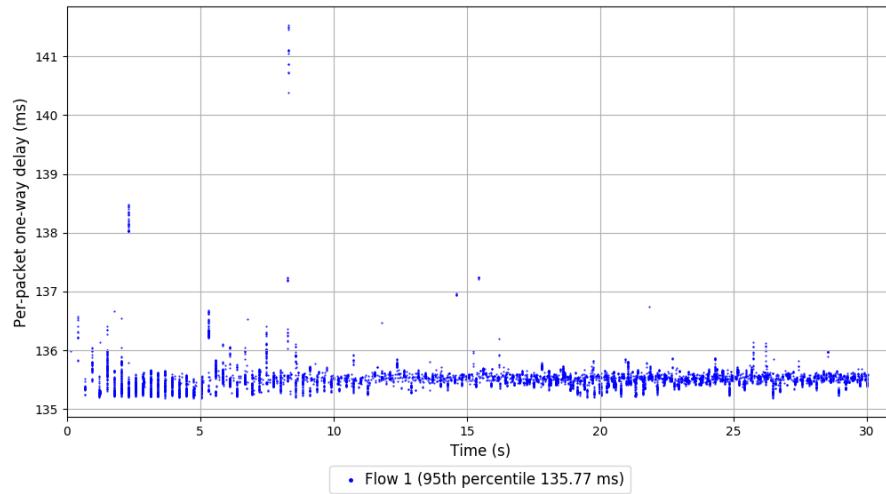
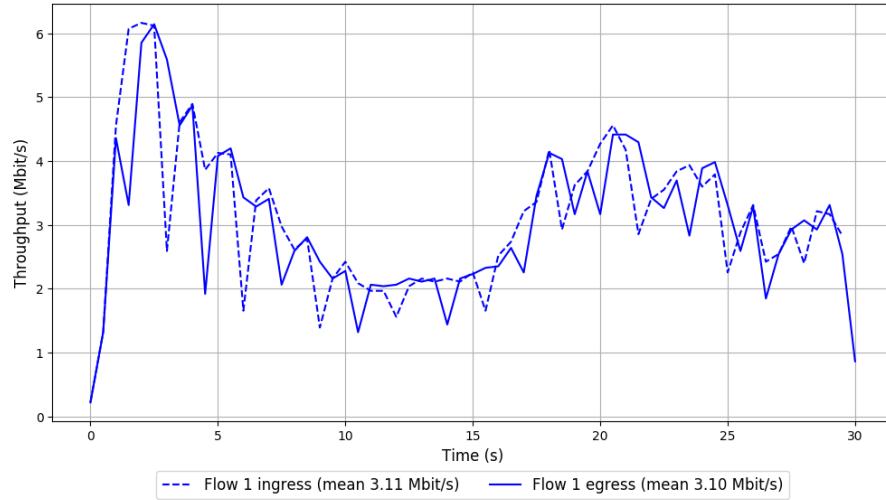
Run 9: Statistics of TCP Cubic

Start at: 2017-09-21 23:07:26

End at: 2017-09-21 23:07:56

```
# Below is generated by plot.py at 2017-09-21 23:54:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.10 Mbit/s
95th percentile per-packet one-way delay: 135.766 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 3.10 Mbit/s
95th percentile per-packet one-way delay: 135.766 ms
Loss rate: 0.34%
```

Run 9: Report of TCP Cubic — Data Link



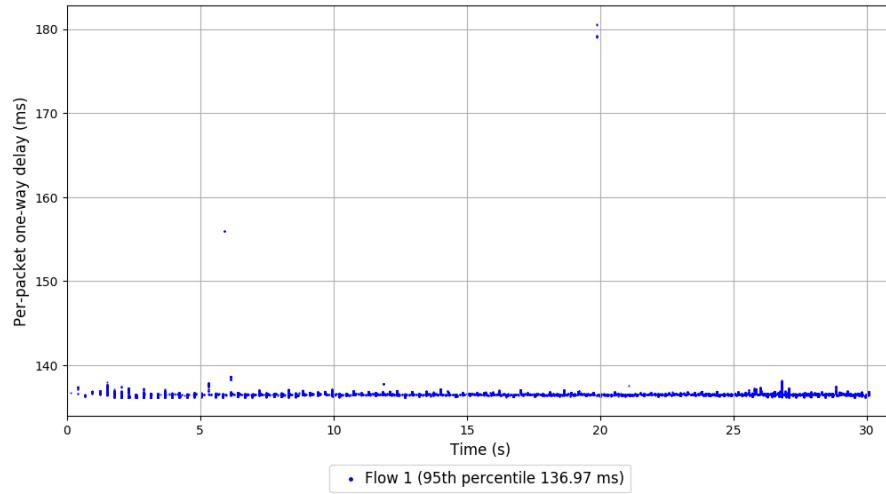
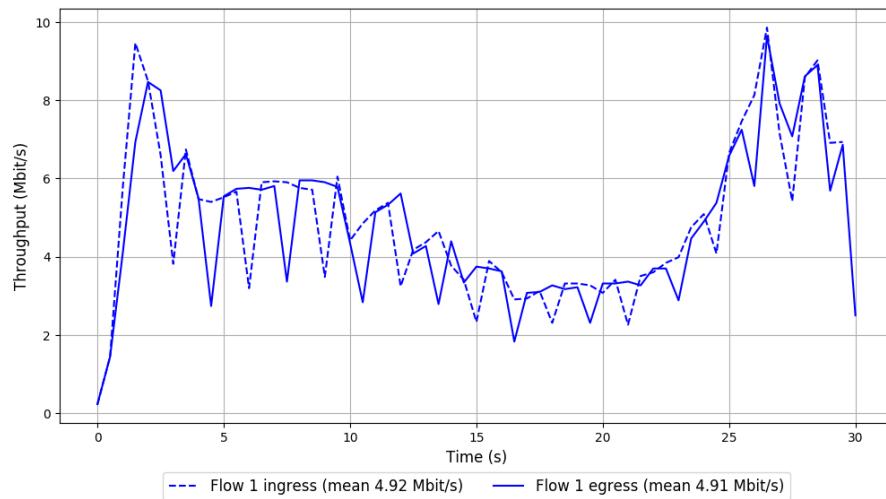
Run 10: Statistics of TCP Cubic

Start at: 2017-09-21 23:18:01

End at: 2017-09-21 23:18:31

```
# Below is generated by plot.py at 2017-09-21 23:54:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.91 Mbit/s
95th percentile per-packet one-way delay: 136.973 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 4.91 Mbit/s
95th percentile per-packet one-way delay: 136.973 ms
Loss rate: 0.15%
```

Run 10: Report of TCP Cubic — Data Link

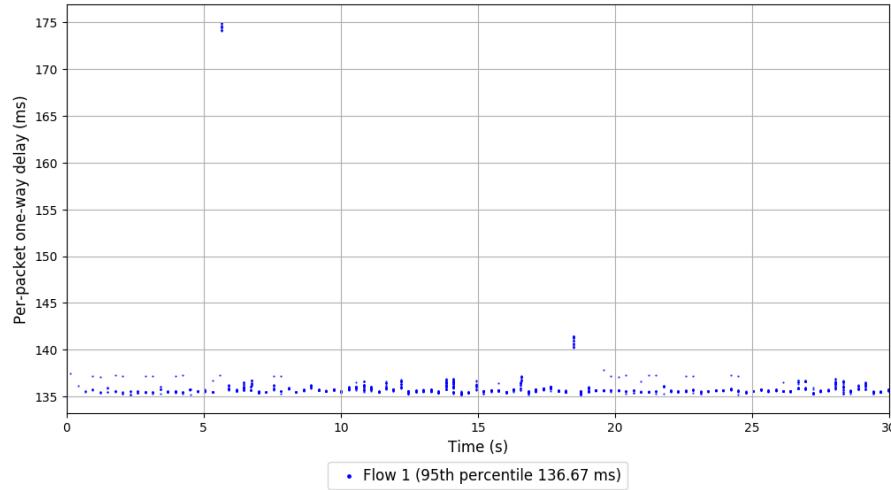
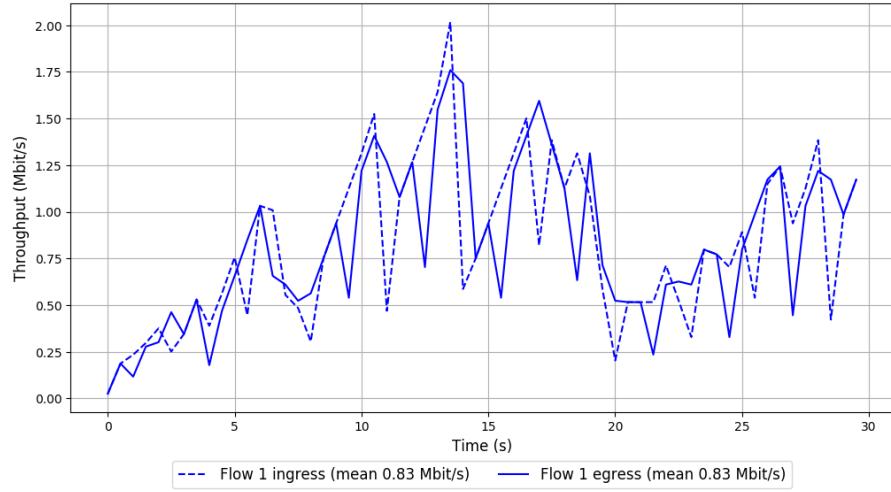


```
Run 1: Statistics of LEDBAT

Start at: 2017-09-21 21:34:55
End at: 2017-09-21 21:35:25

# Below is generated by plot.py at 2017-09-21 23:54:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.83 Mbit/s
95th percentile per-packet one-way delay: 136.672 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 0.83 Mbit/s
95th percentile per-packet one-way delay: 136.672 ms
Loss rate: 0.05%
```

Run 1: Report of LEDBAT — Data Link



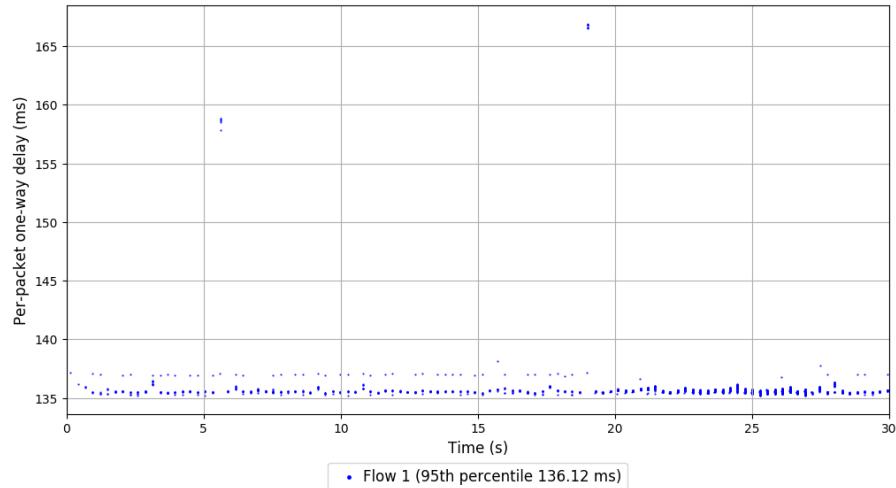
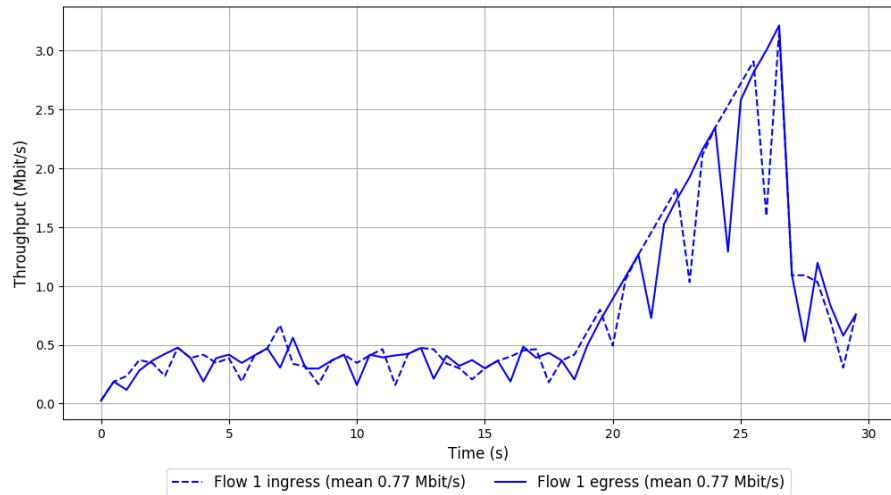
Run 2: Statistics of LEDBAT

Start at: 2017-09-21 21:45:48

End at: 2017-09-21 21:46:18

```
# Below is generated by plot.py at 2017-09-21 23:54:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.77 Mbit/s
95th percentile per-packet one-way delay: 136.118 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 0.77 Mbit/s
95th percentile per-packet one-way delay: 136.118 ms
Loss rate: 0.10%
```

Run 2: Report of LEDBAT — Data Link



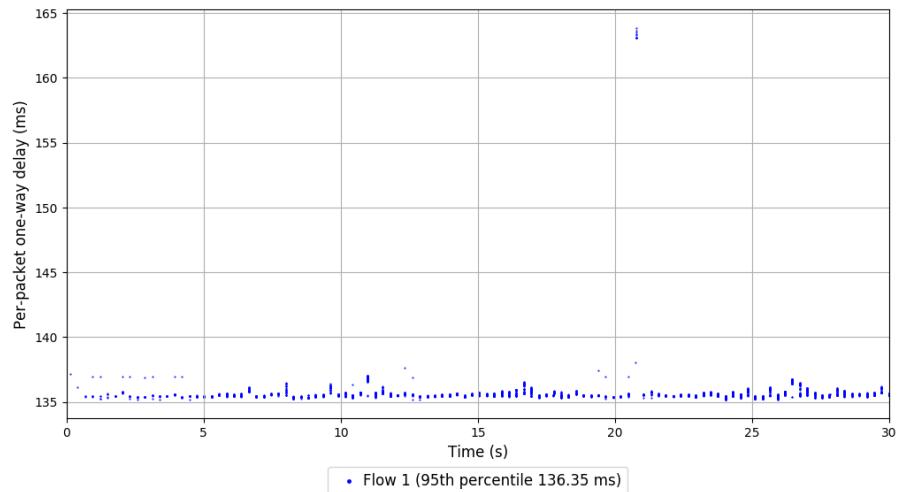
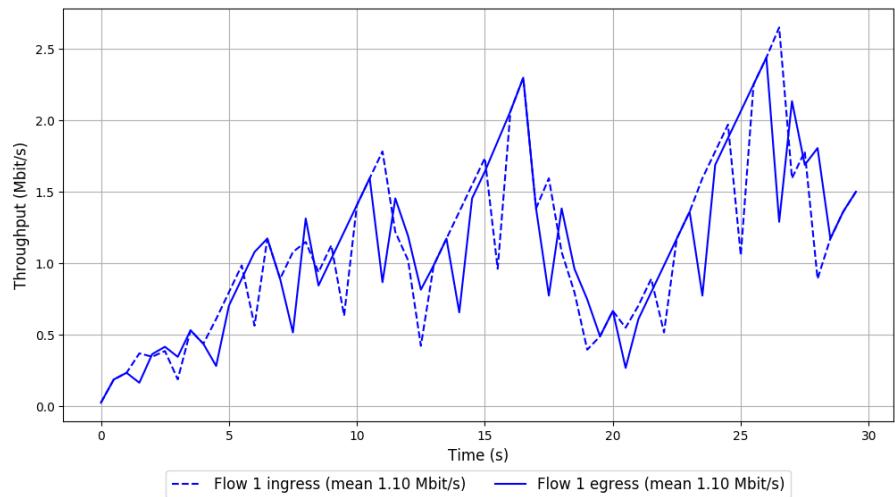
```
Run 3: Statistics of LEDBAT
```

```
Start at: 2017-09-21 21:57:05
```

```
End at: 2017-09-21 21:57:35
```

```
# Below is generated by plot.py at 2017-09-21 23:54:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.10 Mbit/s
95th percentile per-packet one-way delay: 136.355 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 1.10 Mbit/s
95th percentile per-packet one-way delay: 136.355 ms
Loss rate: 0.18%
```

Run 3: Report of LEDBAT — Data Link



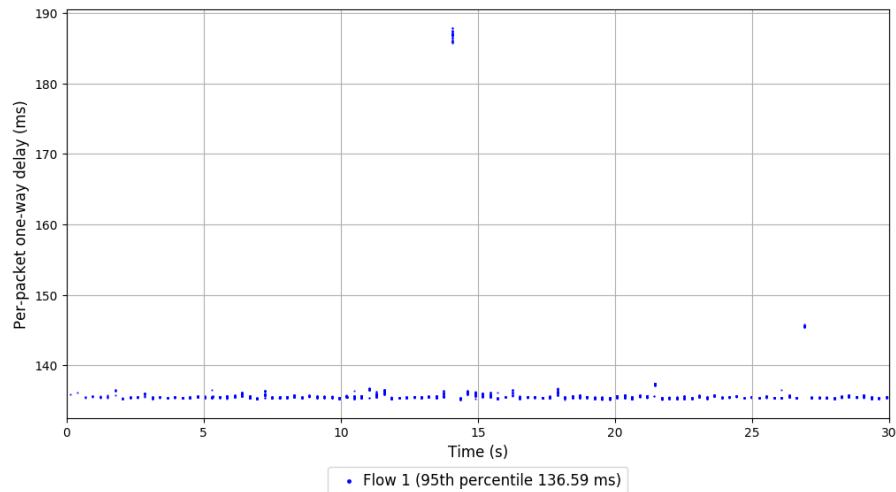
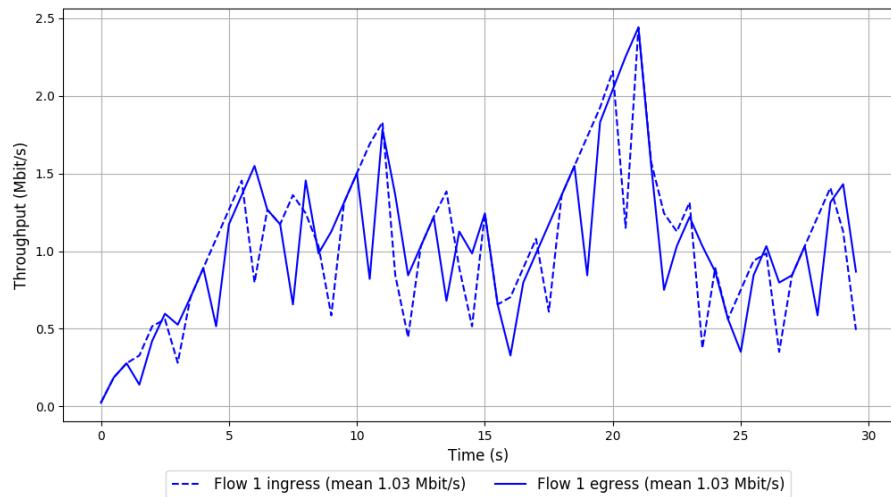
Run 4: Statistics of LEDBAT

Start at: 2017-09-21 22:08:18

End at: 2017-09-21 22:08:48

```
# Below is generated by plot.py at 2017-09-21 23:54:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.03 Mbit/s
95th percentile per-packet one-way delay: 136.591 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 1.03 Mbit/s
95th percentile per-packet one-way delay: 136.591 ms
Loss rate: 0.19%
```

Run 4: Report of LEDBAT — Data Link



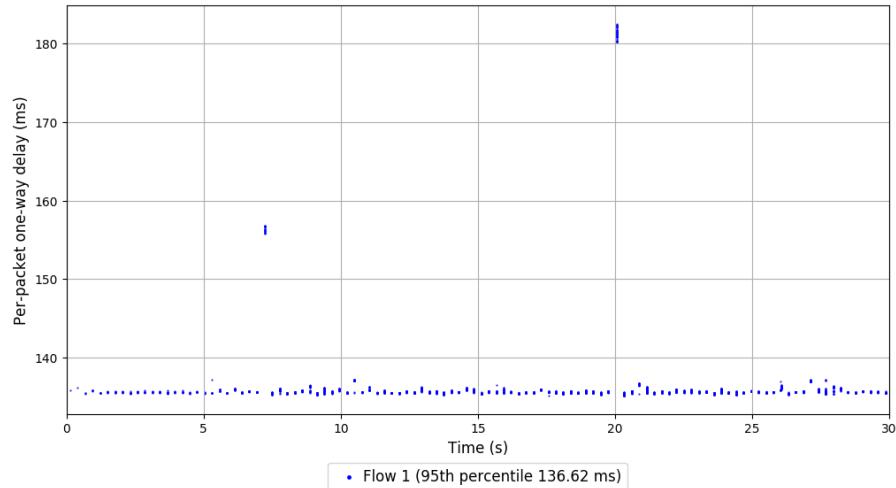
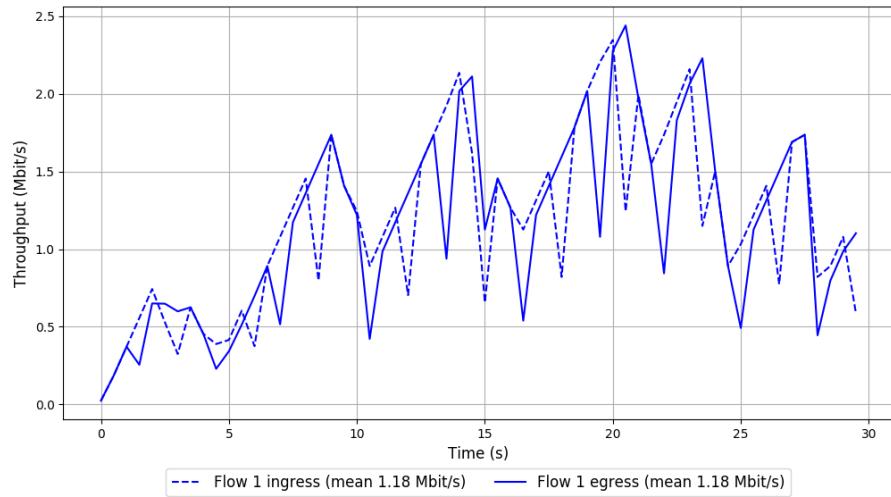
Run 5: Statistics of LEDBAT

Start at: 2017-09-21 22:19:56

End at: 2017-09-21 22:20:26

```
# Below is generated by plot.py at 2017-09-21 23:54:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.18 Mbit/s
95th percentile per-packet one-way delay: 136.620 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 1.18 Mbit/s
95th percentile per-packet one-way delay: 136.620 ms
Loss rate: 0.37%
```

Run 5: Report of LEDBAT — Data Link



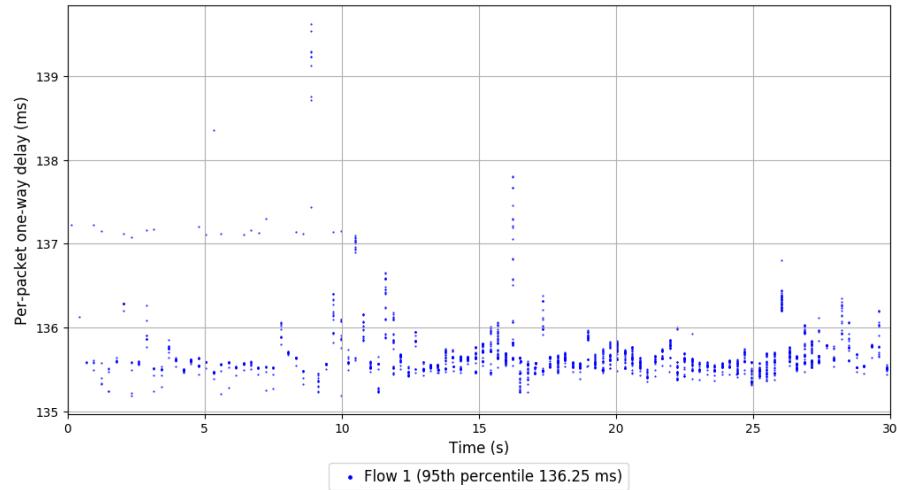
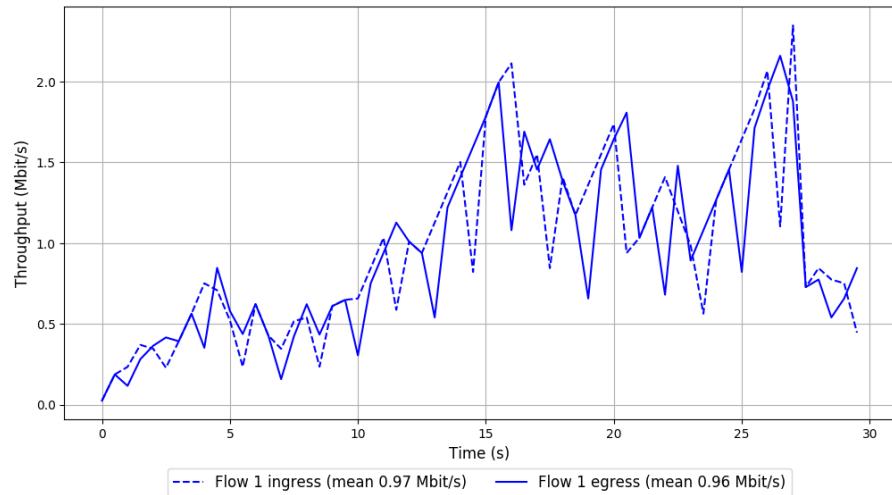
Run 6: Statistics of LEDBAT

Start at: 2017-09-21 22:30:46

End at: 2017-09-21 22:31:16

```
# Below is generated by plot.py at 2017-09-21 23:54:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.96 Mbit/s
95th percentile per-packet one-way delay: 136.246 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 0.96 Mbit/s
95th percentile per-packet one-way delay: 136.246 ms
Loss rate: 0.93%
```

Run 6: Report of LEDBAT — Data Link



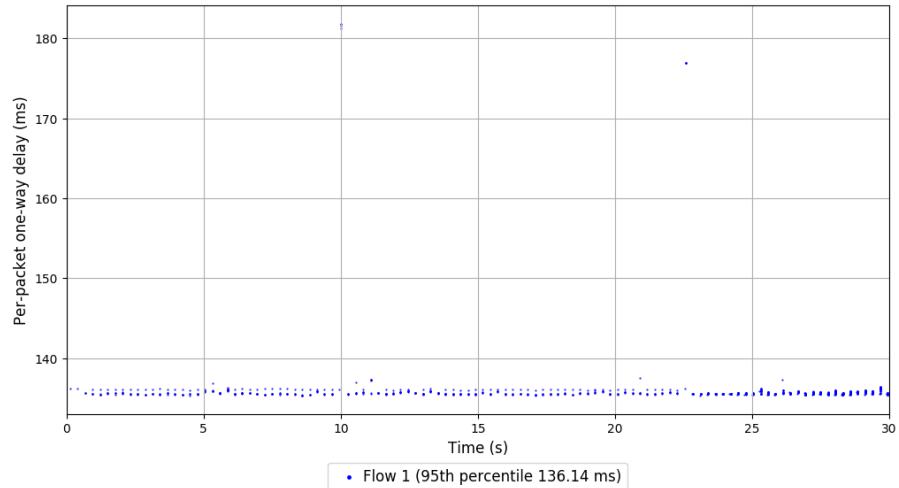
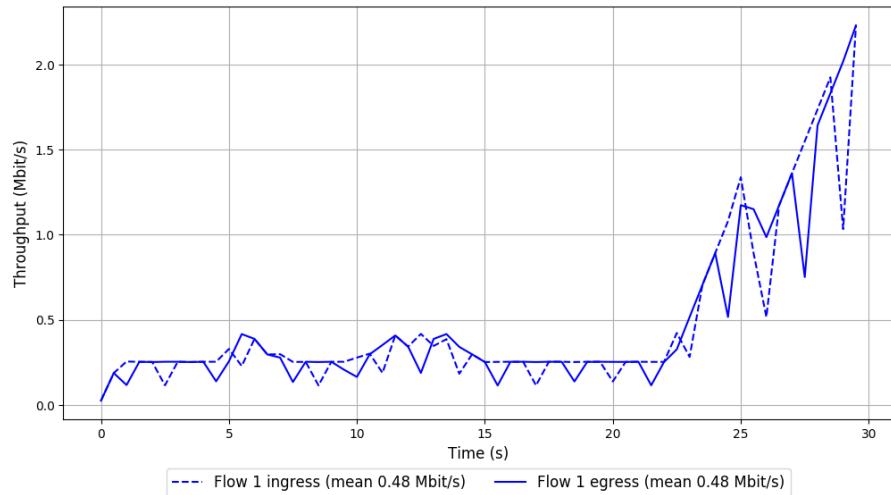
Run 7: Statistics of LEDBAT

Start at: 2017-09-21 22:41:51

End at: 2017-09-21 22:42:21

```
# Below is generated by plot.py at 2017-09-21 23:54:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 136.144 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 136.144 ms
Loss rate: 0.00%
```

Run 7: Report of LEDBAT — Data Link



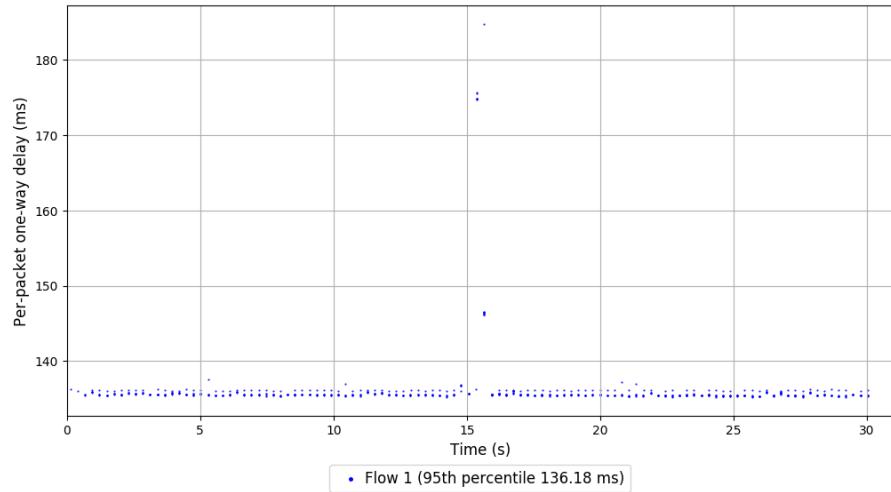
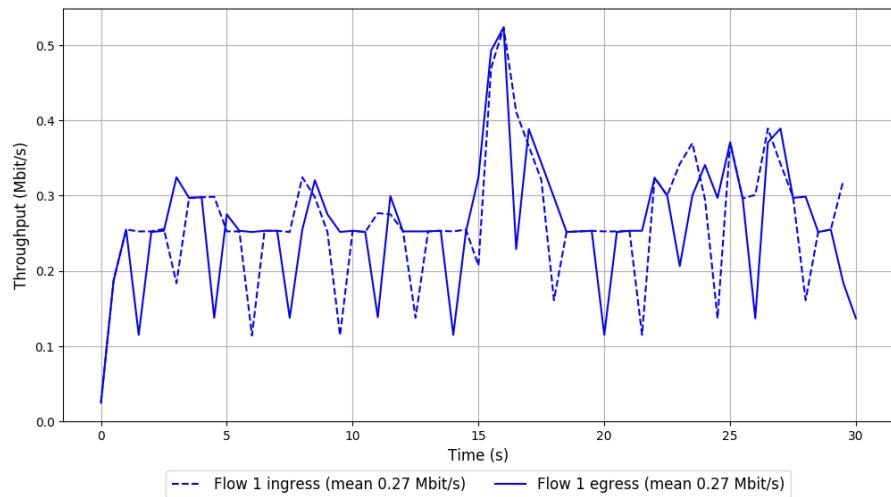
Run 8: Statistics of LEDBAT

Start at: 2017-09-21 22:53:18

End at: 2017-09-21 22:53:48

```
# Below is generated by plot.py at 2017-09-21 23:54:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 136.183 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 136.183 ms
Loss rate: 0.00%
```

Run 8: Report of LEDBAT — Data Link



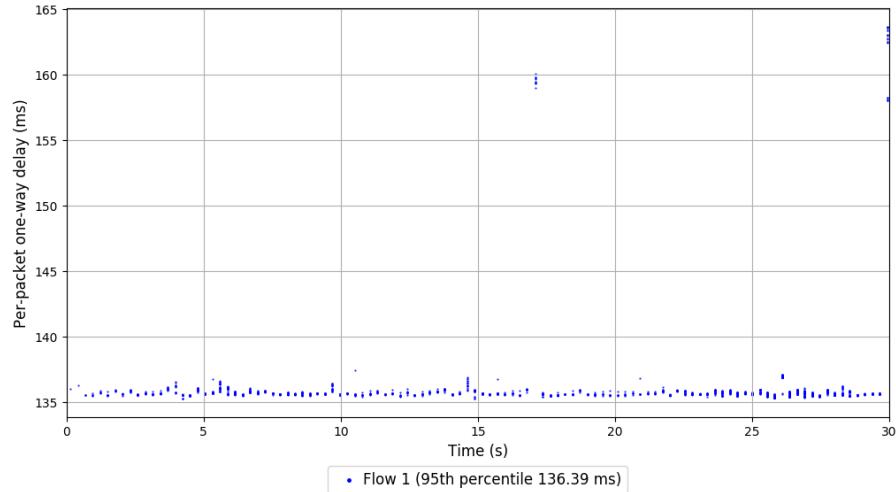
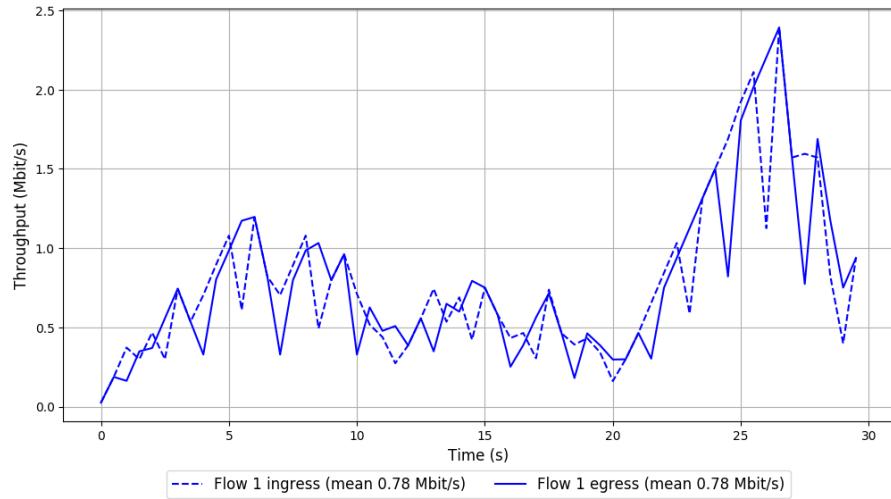
Run 9: Statistics of LEDBAT

Start at: 2017-09-21 23:04:35

End at: 2017-09-21 23:05:05

```
# Below is generated by plot.py at 2017-09-21 23:54:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.78 Mbit/s
95th percentile per-packet one-way delay: 136.387 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 0.78 Mbit/s
95th percentile per-packet one-way delay: 136.387 ms
Loss rate: 0.10%
```

Run 9: Report of LEDBAT — Data Link



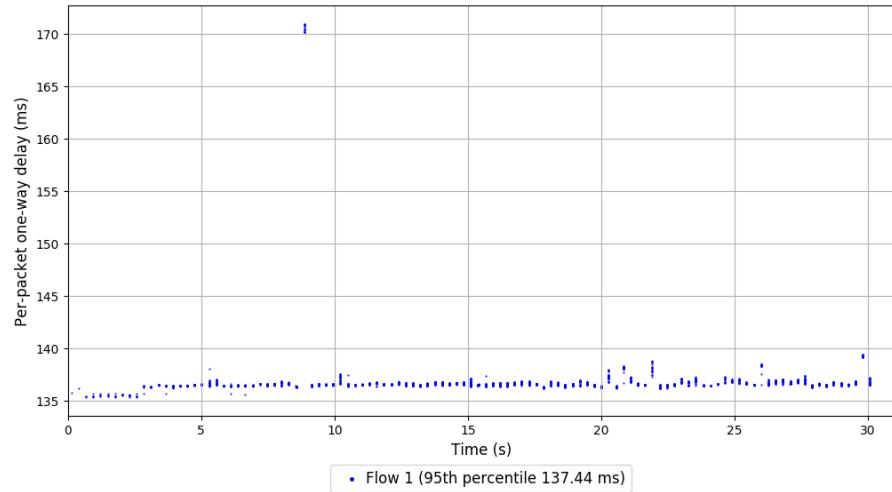
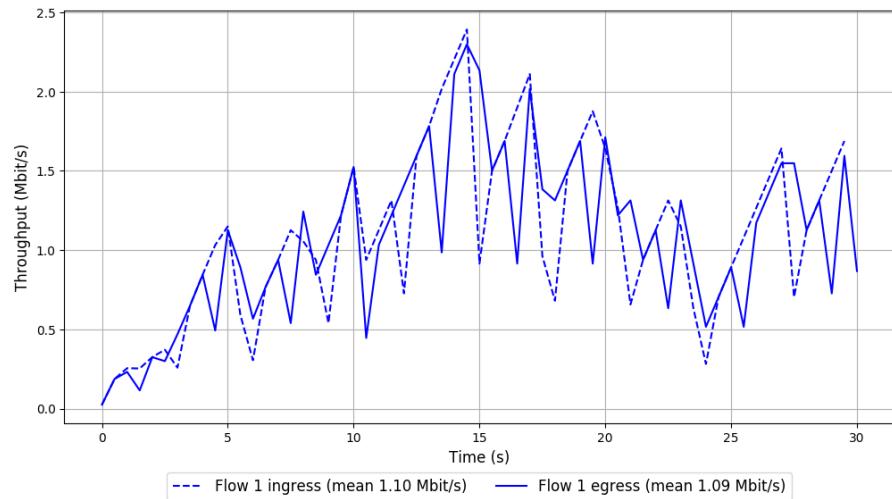
Run 10: Statistics of LEDBAT

Start at: 2017-09-21 23:15:09

End at: 2017-09-21 23:15:39

```
# Below is generated by plot.py at 2017-09-21 23:54:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.09 Mbit/s
95th percentile per-packet one-way delay: 137.437 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 1.09 Mbit/s
95th percentile per-packet one-way delay: 137.437 ms
Loss rate: 0.50%
```

Run 10: Report of LEDBAT — Data Link

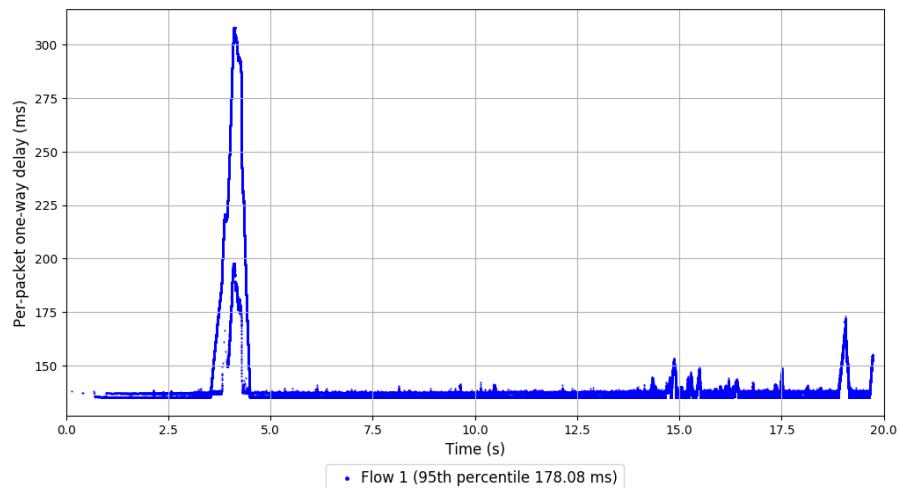
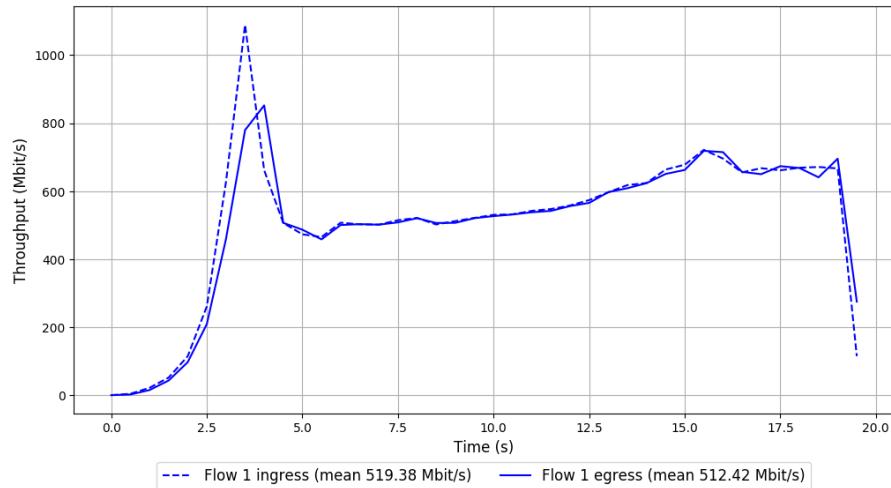


Run 1: Statistics of PCC

Start at: 2017-09-21 21:37:05

End at: 2017-09-21 21:37:35

Run 1: Report of PCC — Data Link



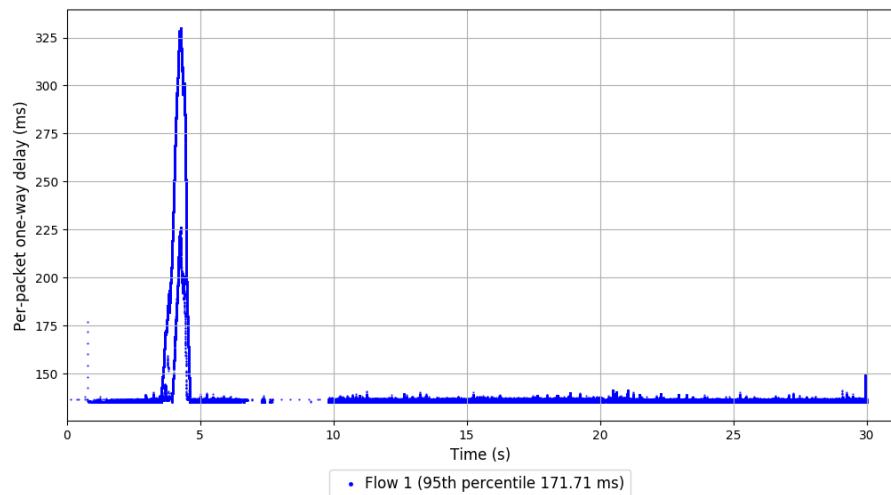
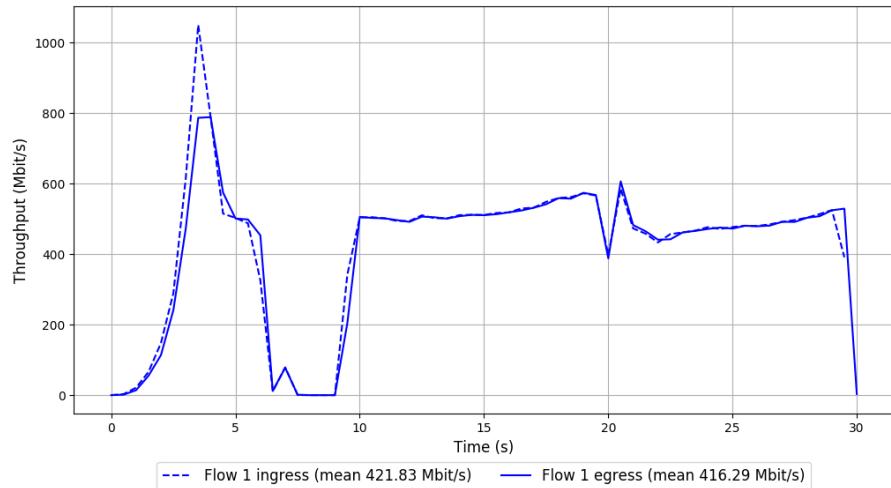
Run 2: Statistics of PCC

Start at: 2017-09-21 21:48:18

End at: 2017-09-21 21:48:48

```
# Below is generated by plot.py at 2017-09-22 00:02:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 416.29 Mbit/s
95th percentile per-packet one-way delay: 171.708 ms
Loss rate: 1.32%
-- Flow 1:
Average throughput: 416.29 Mbit/s
95th percentile per-packet one-way delay: 171.708 ms
Loss rate: 1.32%
```

Run 2: Report of PCC — Data Link



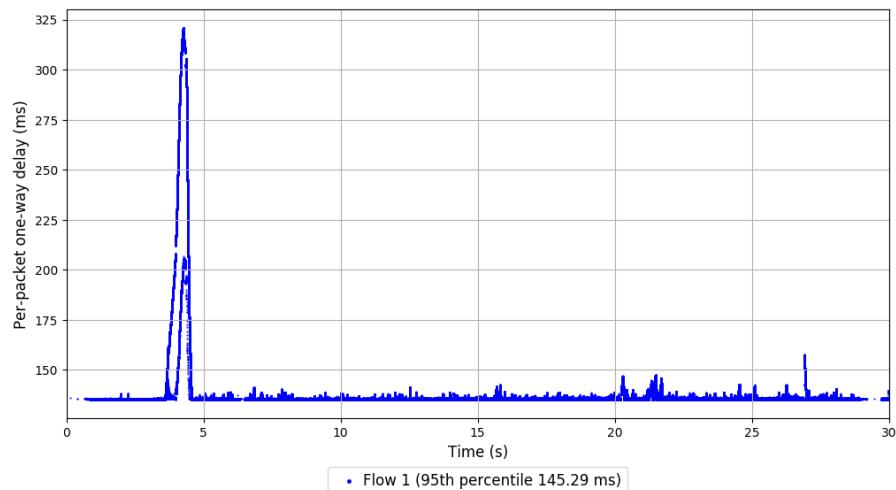
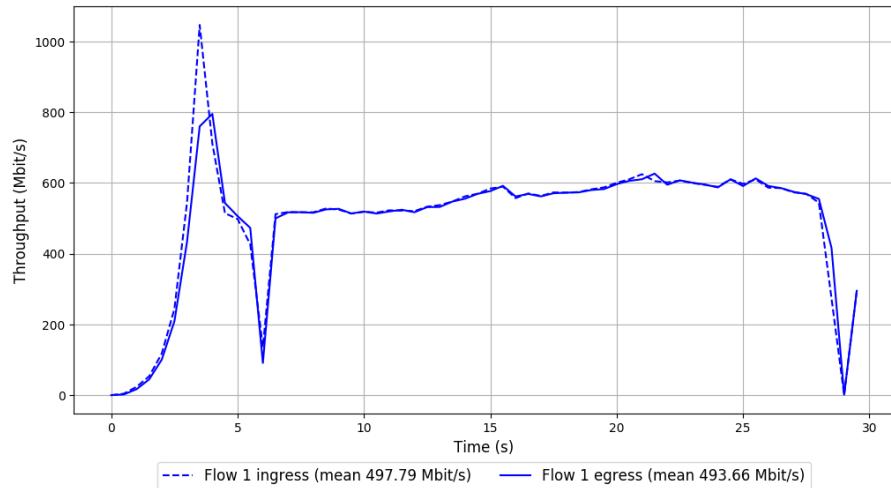
Run 3: Statistics of PCC

Start at: 2017-09-21 21:59:27

End at: 2017-09-21 21:59:57

```
# Below is generated by plot.py at 2017-09-22 00:03:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 493.66 Mbit/s
95th percentile per-packet one-way delay: 145.294 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 493.66 Mbit/s
95th percentile per-packet one-way delay: 145.294 ms
Loss rate: 0.82%
```

Run 3: Report of PCC — Data Link



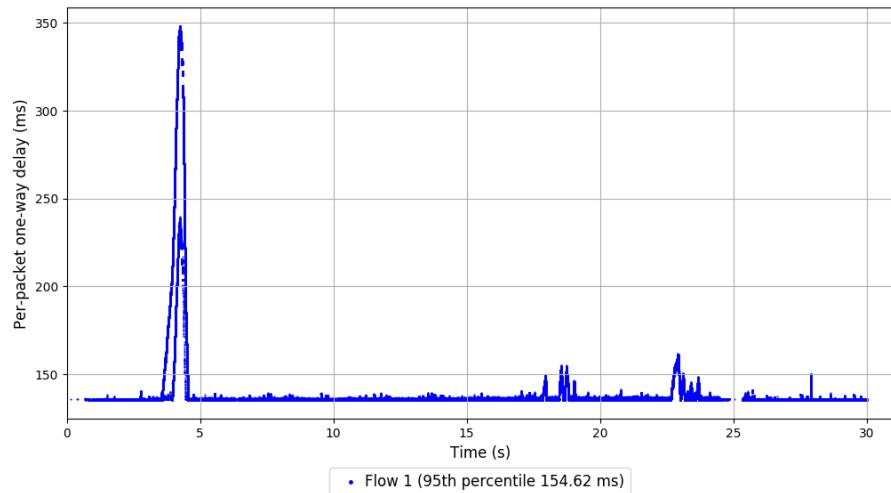
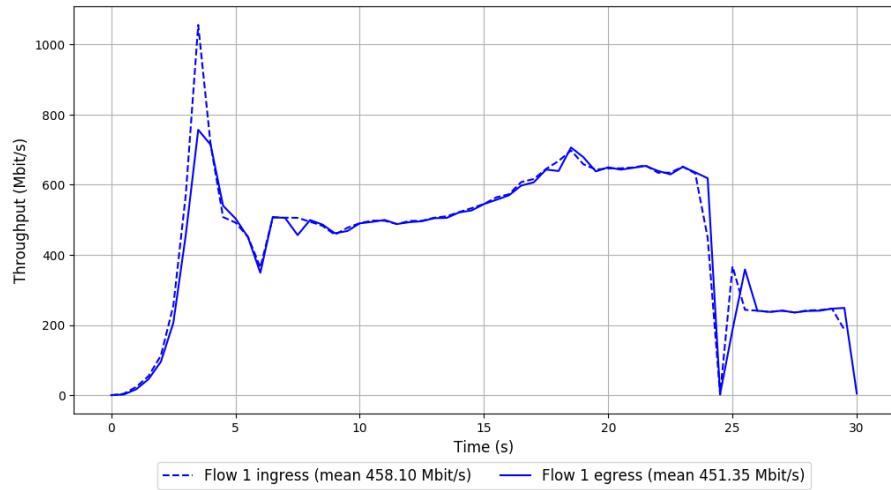
Run 4: Statistics of PCC

Start at: 2017-09-21 22:10:47

End at: 2017-09-21 22:11:17

```
# Below is generated by plot.py at 2017-09-22 00:03:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 451.35 Mbit/s
95th percentile per-packet one-way delay: 154.625 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 451.35 Mbit/s
95th percentile per-packet one-way delay: 154.625 ms
Loss rate: 1.48%
```

Run 4: Report of PCC — Data Link

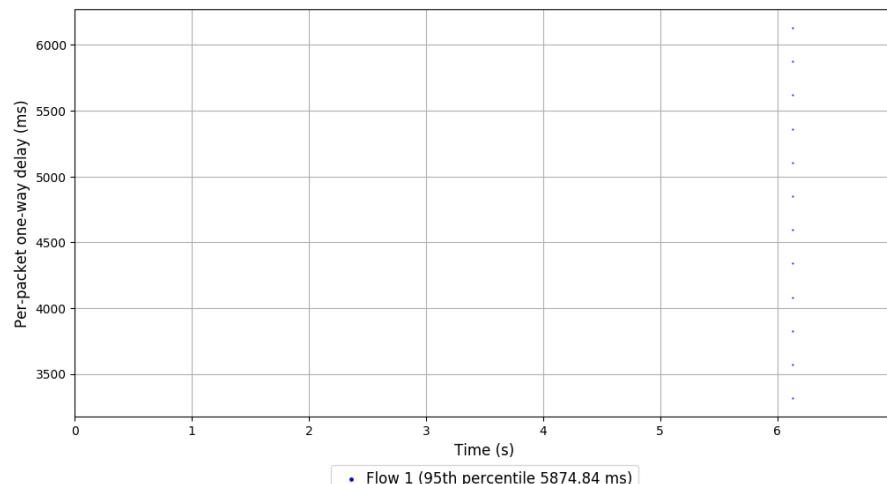
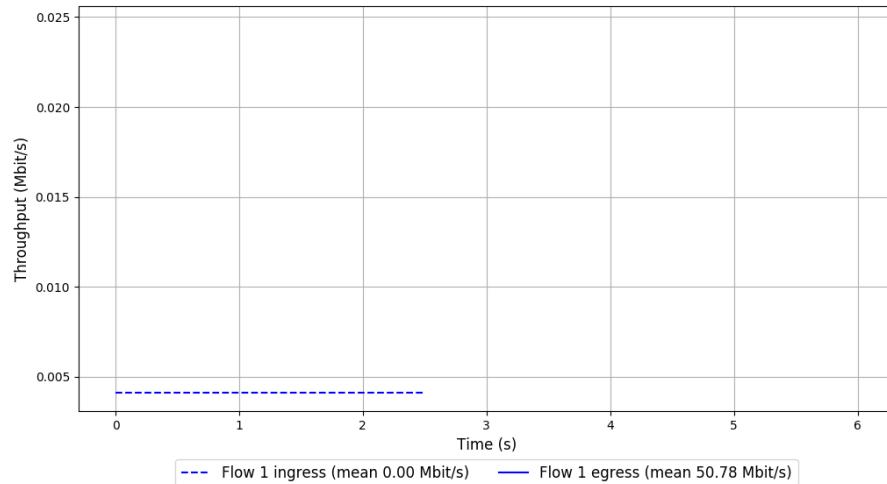


Run 5: Statistics of PCC

Start at: 2017-09-21 22:22:05

End at: 2017-09-21 22:22:35

Run 5: Report of PCC — Data Link



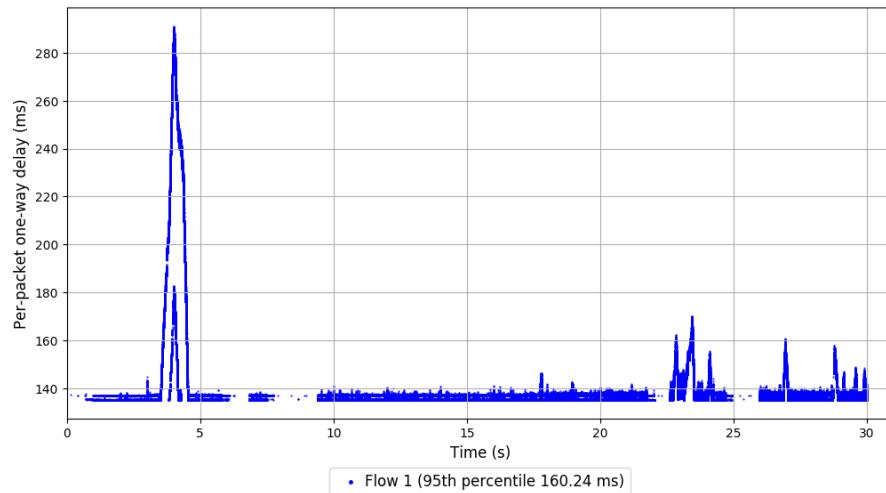
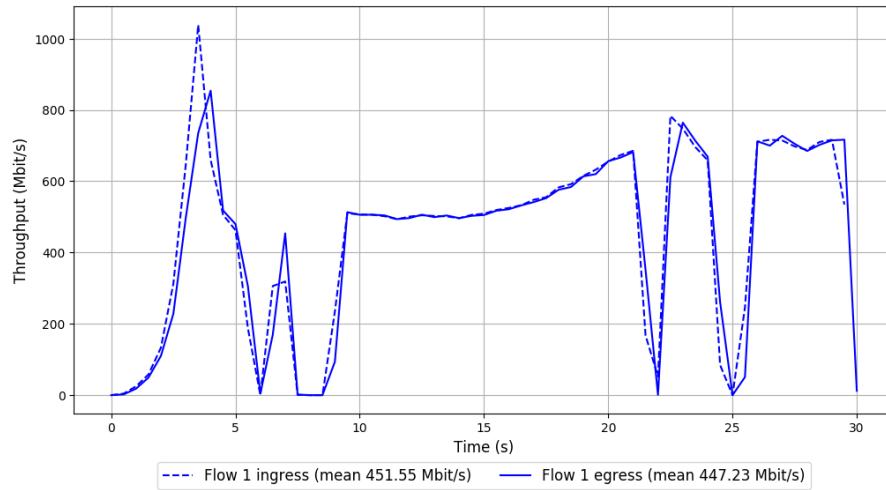
Run 6: Statistics of PCC

Start at: 2017-09-21 22:33:05

End at: 2017-09-21 22:33:35

```
# Below is generated by plot.py at 2017-09-22 00:03:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 447.23 Mbit/s
95th percentile per-packet one-way delay: 160.242 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 447.23 Mbit/s
95th percentile per-packet one-way delay: 160.242 ms
Loss rate: 0.96%
```

Run 6: Report of PCC — Data Link



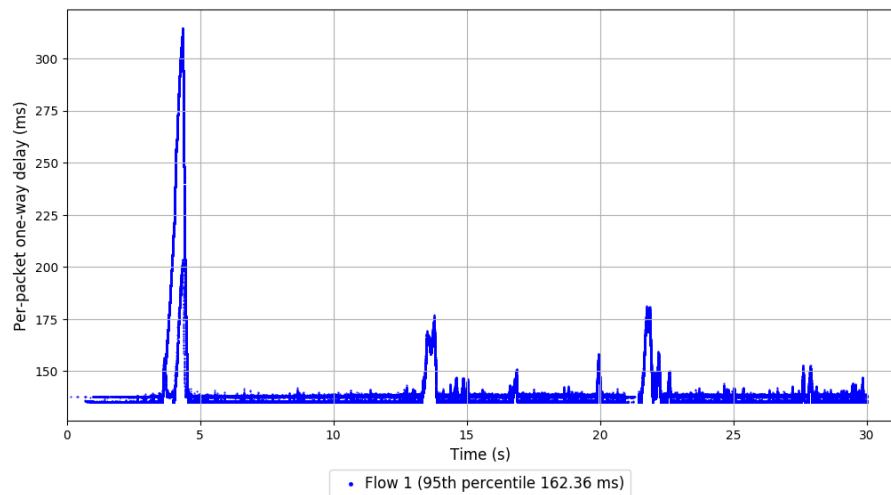
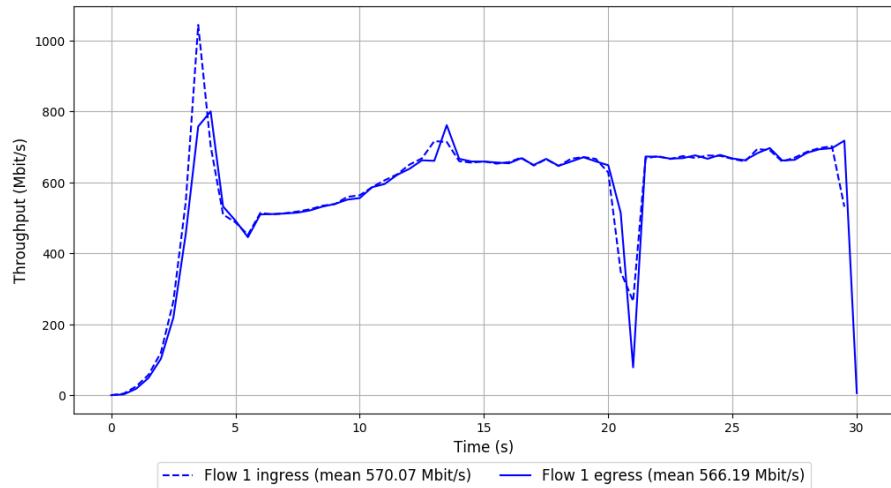
Run 7: Statistics of PCC

Start at: 2017-09-21 22:44:20

End at: 2017-09-21 22:44:50

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 566.19 Mbit/s
95th percentile per-packet one-way delay: 162.359 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 566.19 Mbit/s
95th percentile per-packet one-way delay: 162.359 ms
Loss rate: 0.68%
```

Run 7: Report of PCC — Data Link



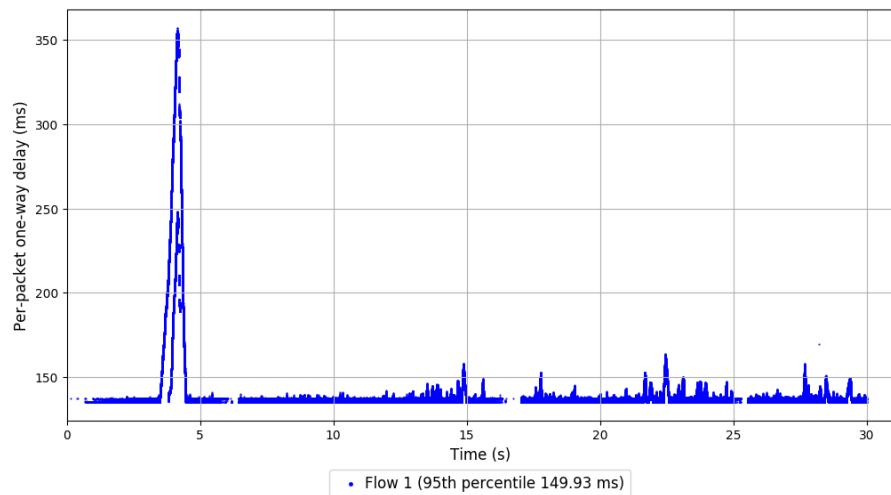
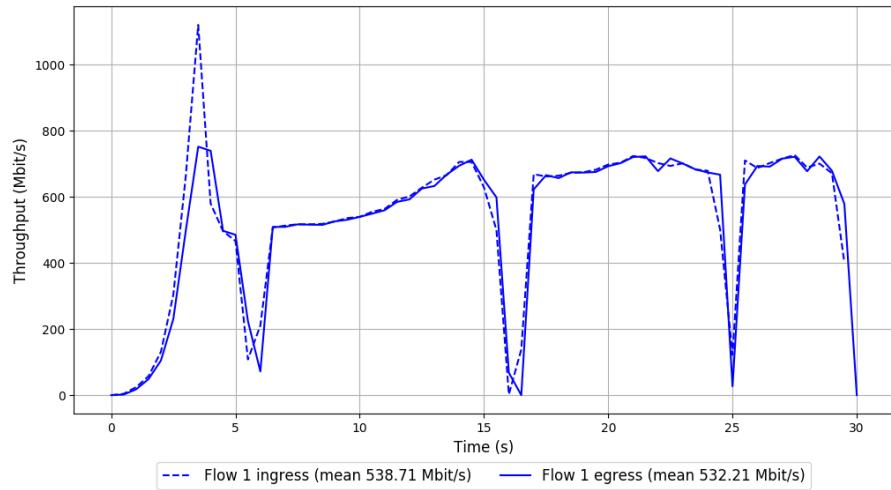
Run 8: Statistics of PCC

Start at: 2017-09-21 22:55:47

End at: 2017-09-21 22:56:17

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 532.21 Mbit/s
95th percentile per-packet one-way delay: 149.930 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 532.21 Mbit/s
95th percentile per-packet one-way delay: 149.930 ms
Loss rate: 1.21%
```

Run 8: Report of PCC — Data Link

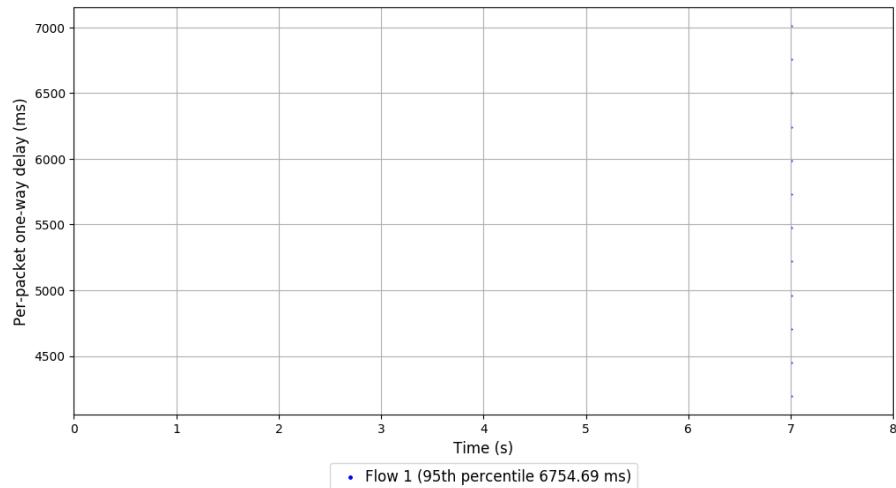
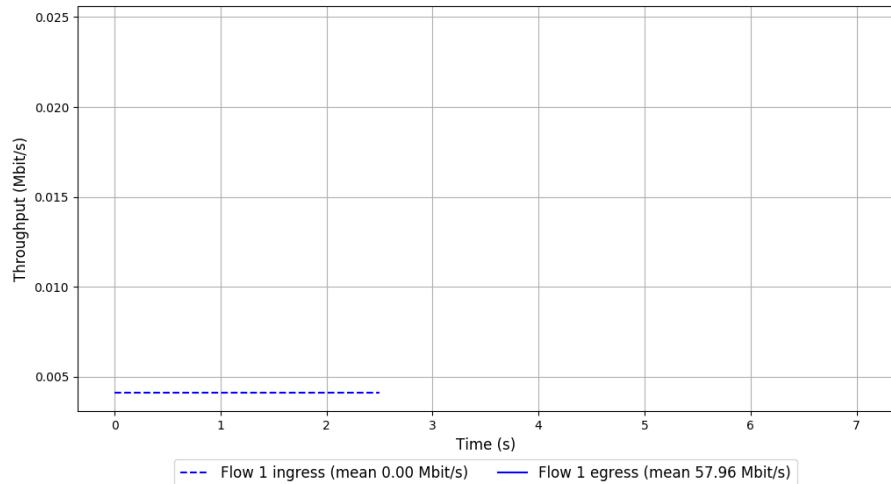


Run 9: Statistics of PCC

Start at: 2017-09-21 23:06:44

End at: 2017-09-21 23:07:15

Run 9: Report of PCC — Data Link

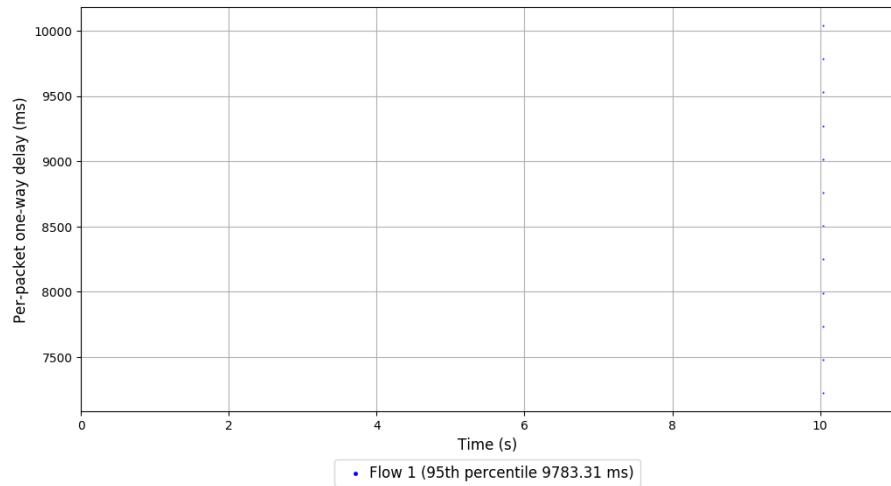
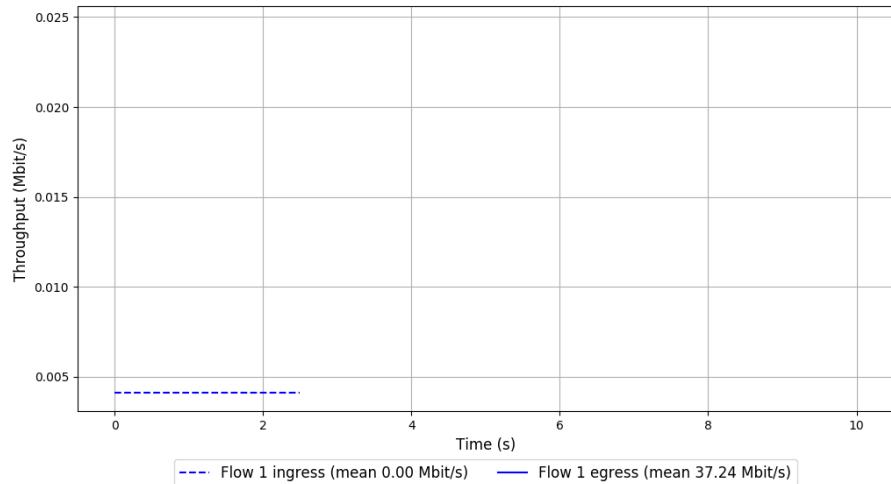


Run 10: Statistics of PCC

Start at: 2017-09-21 23:17:18

End at: 2017-09-21 23:17:48

Run 10: Report of PCC — Data Link

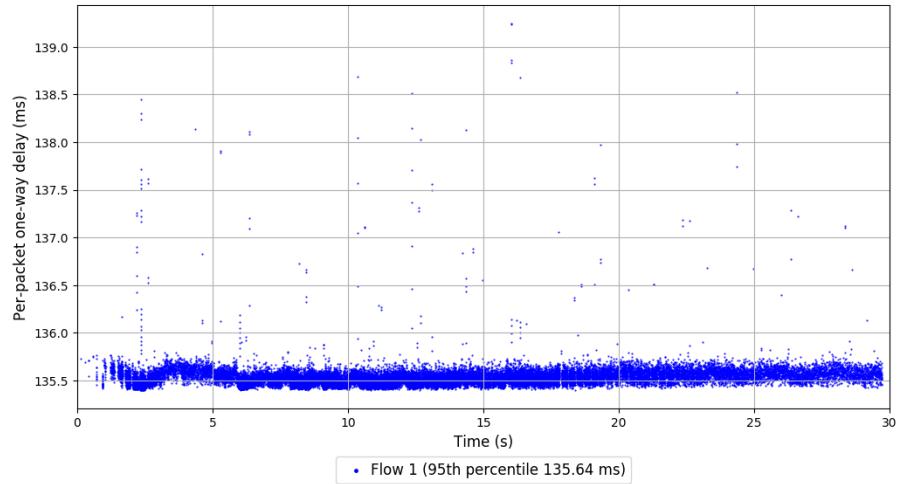
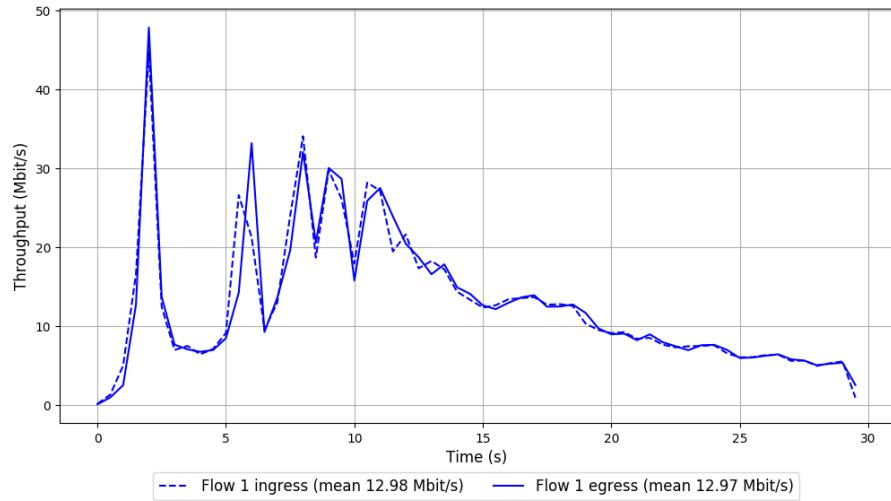


```
Run 1: Statistics of QUIC Cubic

Start at: 2017-09-21 21:40:22
End at: 2017-09-21 21:40:52

# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.97 Mbit/s
95th percentile per-packet one-way delay: 135.642 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 12.97 Mbit/s
95th percentile per-packet one-way delay: 135.642 ms
Loss rate: 0.11%
```

Run 1: Report of QUIC Cubic — Data Link



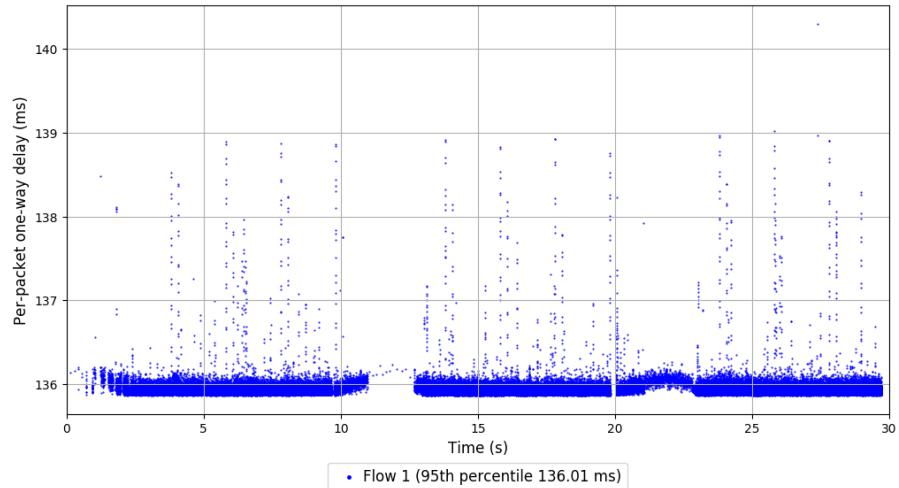
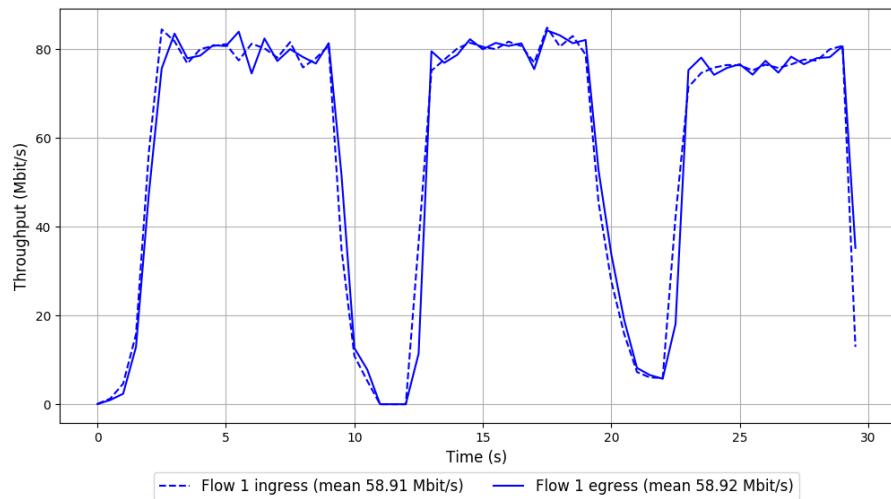
Run 2: Statistics of QUIC Cubic

Start at: 2017-09-21 21:51:37

End at: 2017-09-21 21:52:07

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.92 Mbit/s
95th percentile per-packet one-way delay: 136.014 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.92 Mbit/s
95th percentile per-packet one-way delay: 136.014 ms
Loss rate: 0.00%
```

Run 2: Report of QUIC Cubic — Data Link



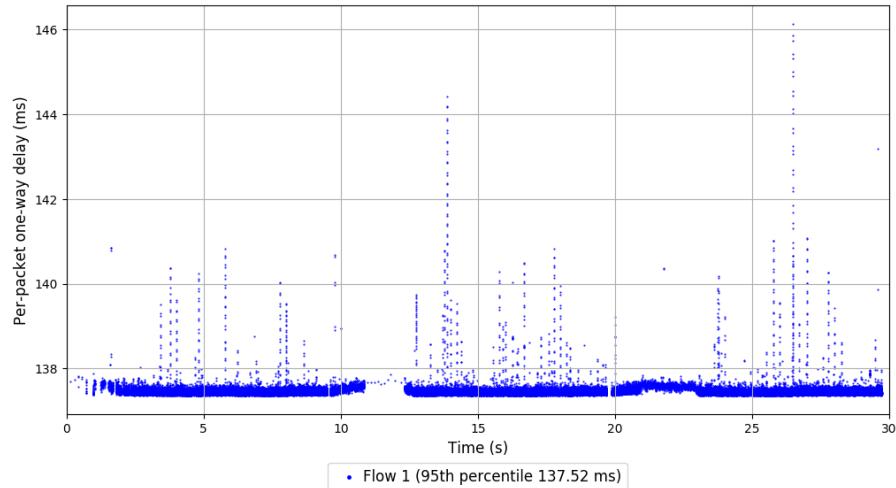
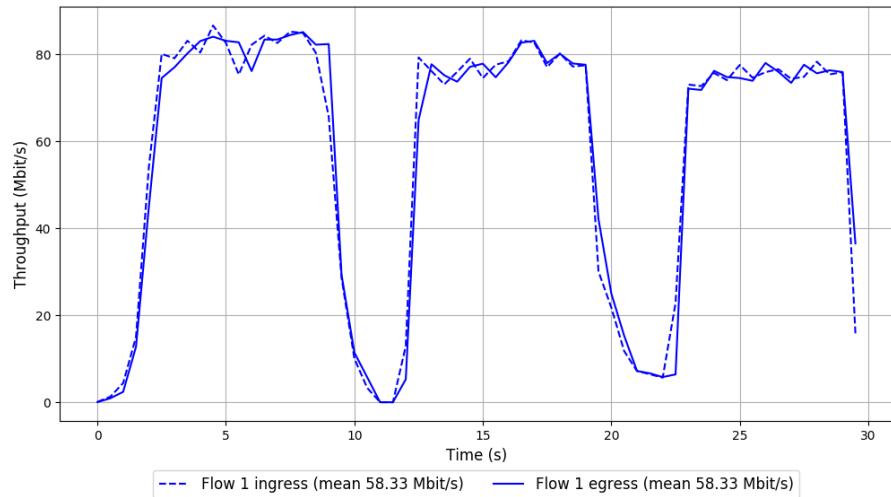
Run 3: Statistics of QUIC Cubic

Start at: 2017-09-21 22:02:47

End at: 2017-09-21 22:03:17

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.33 Mbit/s
95th percentile per-packet one-way delay: 137.524 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.33 Mbit/s
95th percentile per-packet one-way delay: 137.524 ms
Loss rate: 0.00%
```

Run 3: Report of QUIC Cubic — Data Link



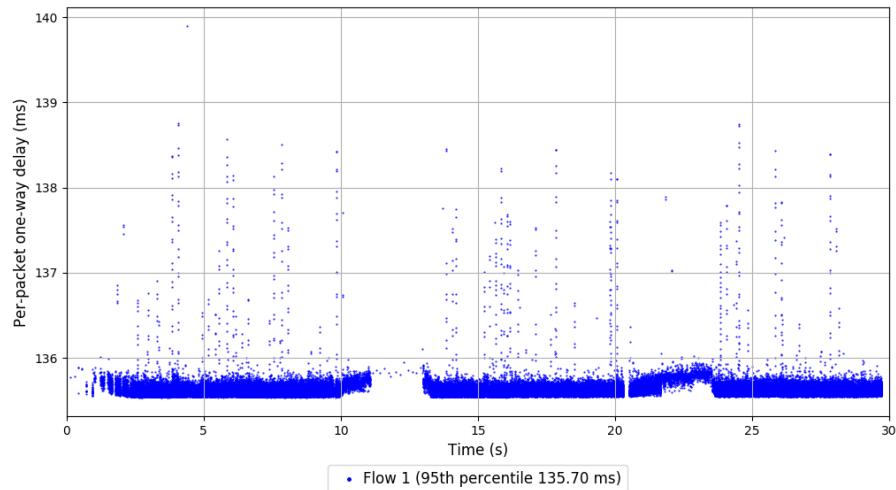
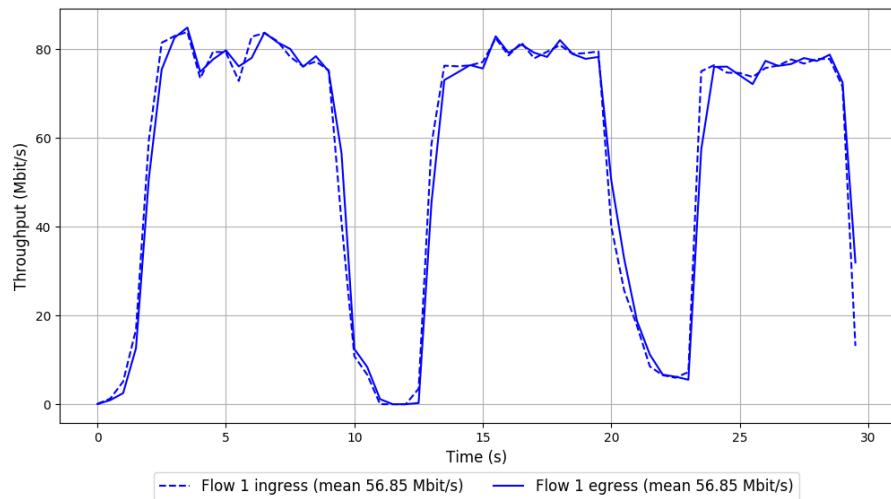
Run 4: Statistics of QUIC Cubic

Start at: 2017-09-21 22:14:25

End at: 2017-09-21 22:14:55

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.85 Mbit/s
95th percentile per-packet one-way delay: 135.696 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.85 Mbit/s
95th percentile per-packet one-way delay: 135.696 ms
Loss rate: 0.00%
```

Run 4: Report of QUIC Cubic — Data Link



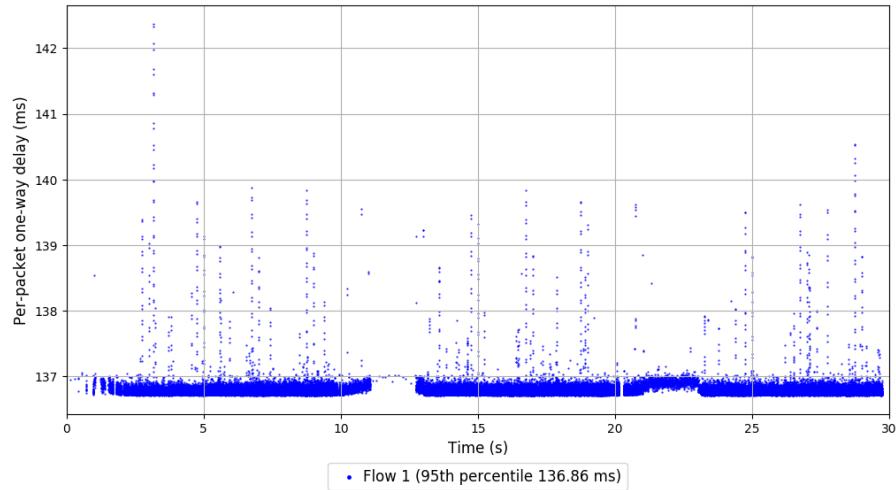
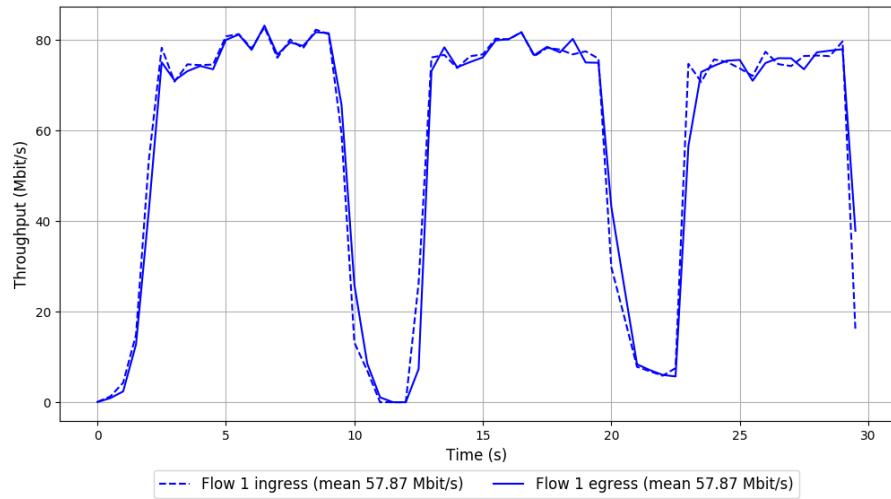
Run 5: Statistics of QUIC Cubic

Start at: 2017-09-21 22:25:16

End at: 2017-09-21 22:25:46

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.87 Mbit/s
95th percentile per-packet one-way delay: 136.856 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.87 Mbit/s
95th percentile per-packet one-way delay: 136.856 ms
Loss rate: 0.00%
```

Run 5: Report of QUIC Cubic — Data Link



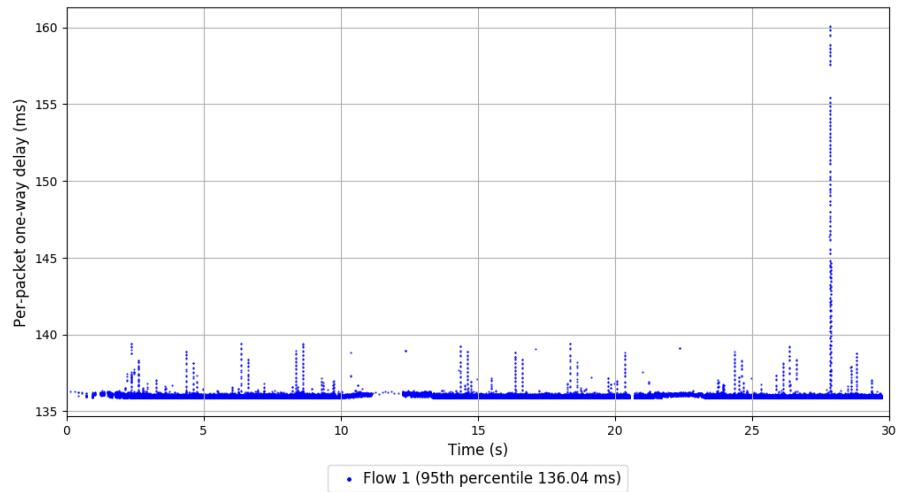
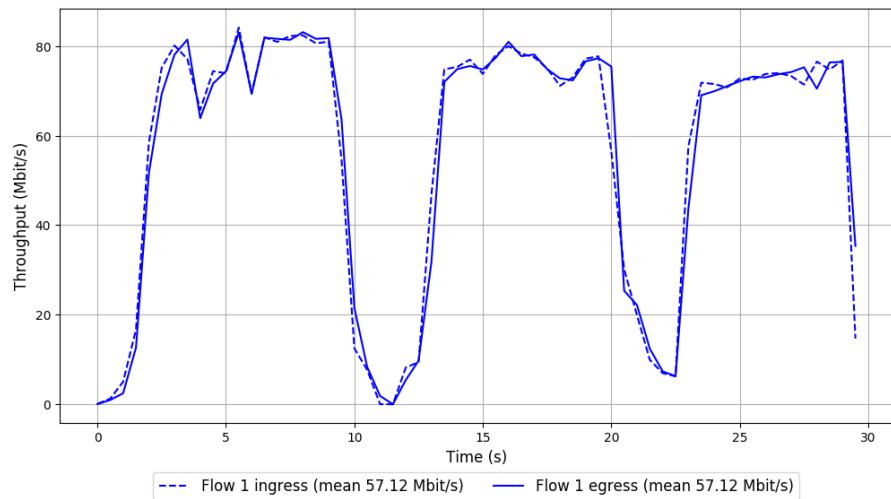
Run 6: Statistics of QUIC Cubic

Start at: 2017-09-21 22:36:20

End at: 2017-09-21 22:36:50

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.12 Mbit/s
95th percentile per-packet one-way delay: 136.043 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.12 Mbit/s
95th percentile per-packet one-way delay: 136.043 ms
Loss rate: 0.00%
```

Run 6: Report of QUIC Cubic — Data Link



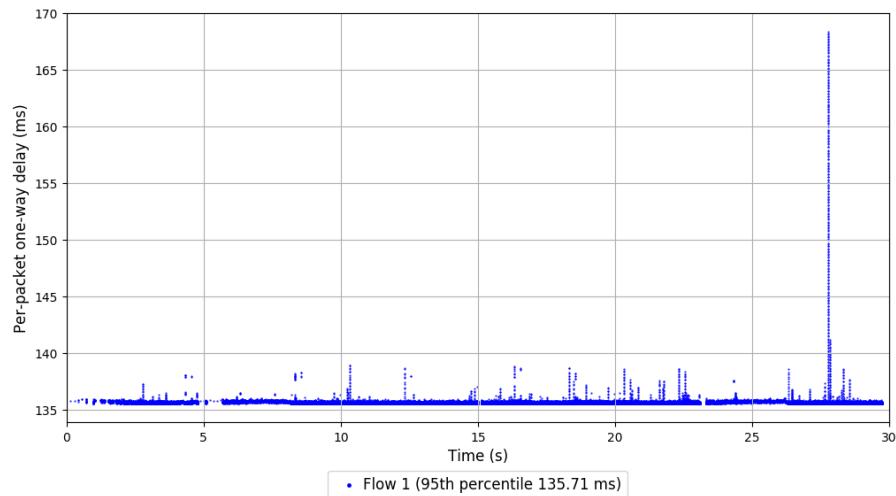
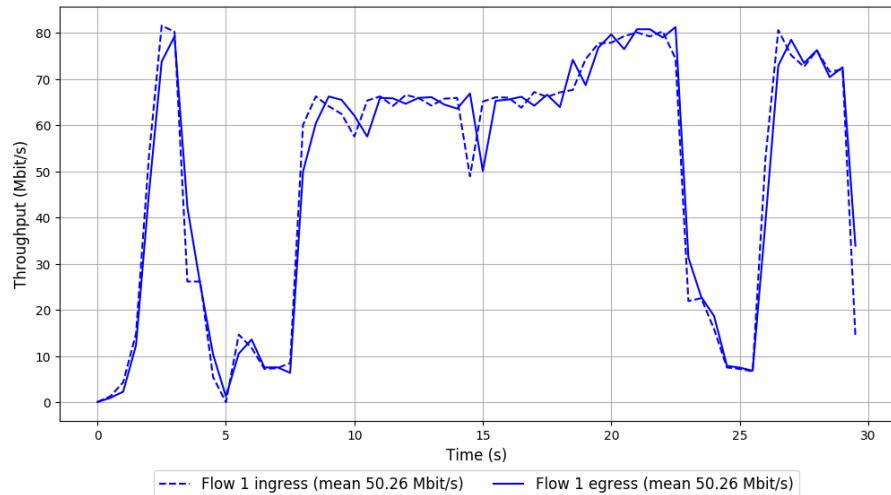
Run 7: Statistics of QUIC Cubic

Start at: 2017-09-21 22:47:42

End at: 2017-09-21 22:48:12

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.26 Mbit/s
95th percentile per-packet one-way delay: 135.709 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.26 Mbit/s
95th percentile per-packet one-way delay: 135.709 ms
Loss rate: 0.00%
```

Run 7: Report of QUIC Cubic — Data Link



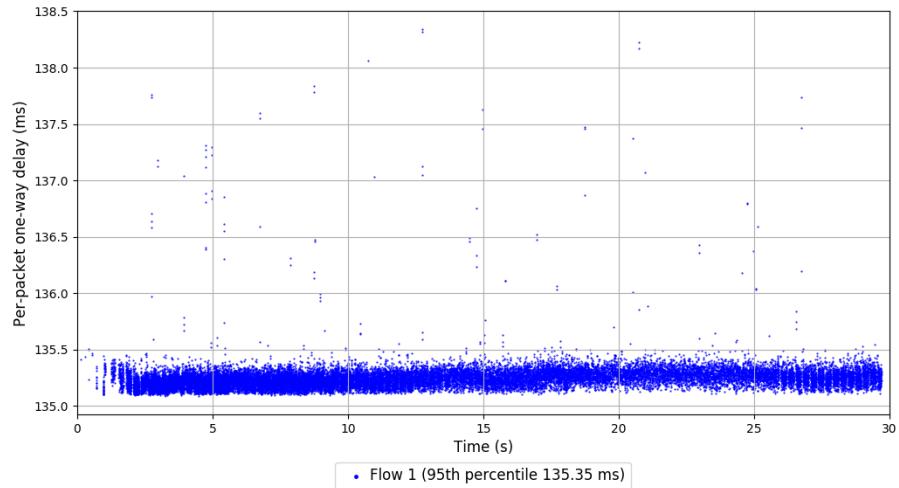
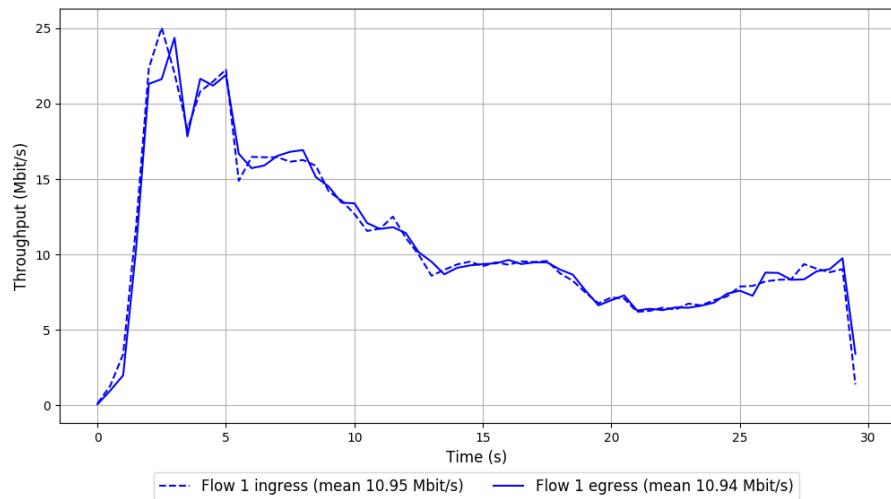
Run 8: Statistics of QUIC Cubic

Start at: 2017-09-21 22:59:08

End at: 2017-09-21 22:59:38

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.94 Mbit/s
95th percentile per-packet one-way delay: 135.352 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 10.94 Mbit/s
95th percentile per-packet one-way delay: 135.352 ms
Loss rate: 0.09%
```

Run 8: Report of QUIC Cubic — Data Link



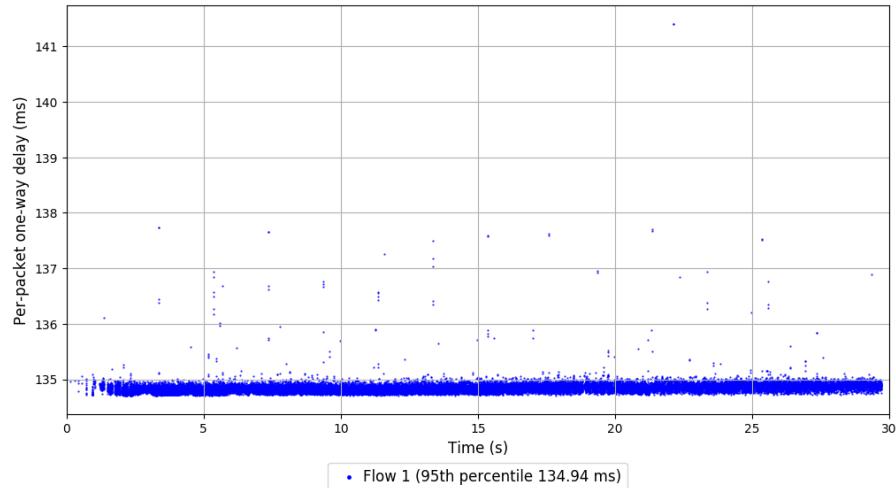
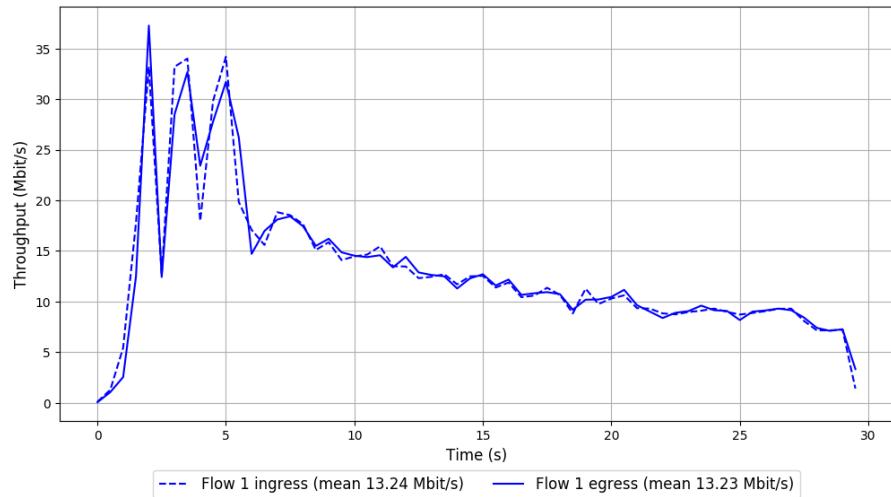
Run 9: Statistics of QUIC Cubic

Start at: 2017-09-21 23:09:41

End at: 2017-09-21 23:10:11

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.23 Mbit/s
95th percentile per-packet one-way delay: 134.941 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 13.23 Mbit/s
95th percentile per-packet one-way delay: 134.941 ms
Loss rate: 0.09%
```

Run 9: Report of QUIC Cubic — Data Link



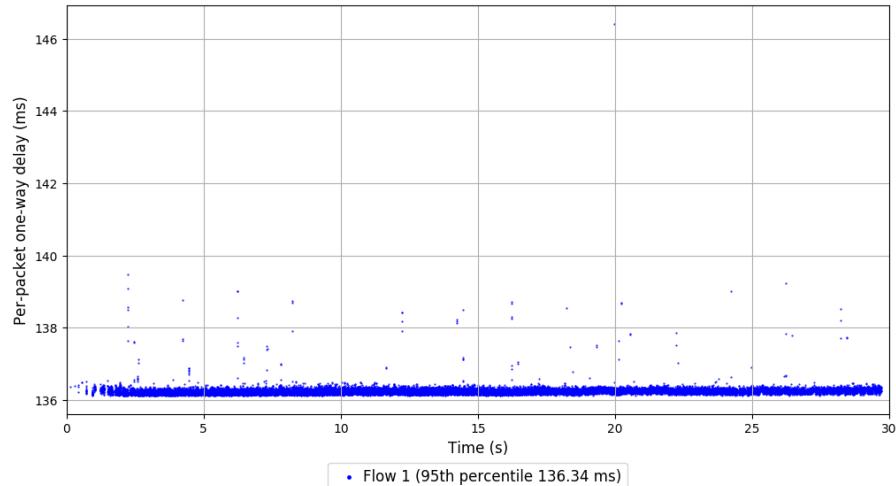
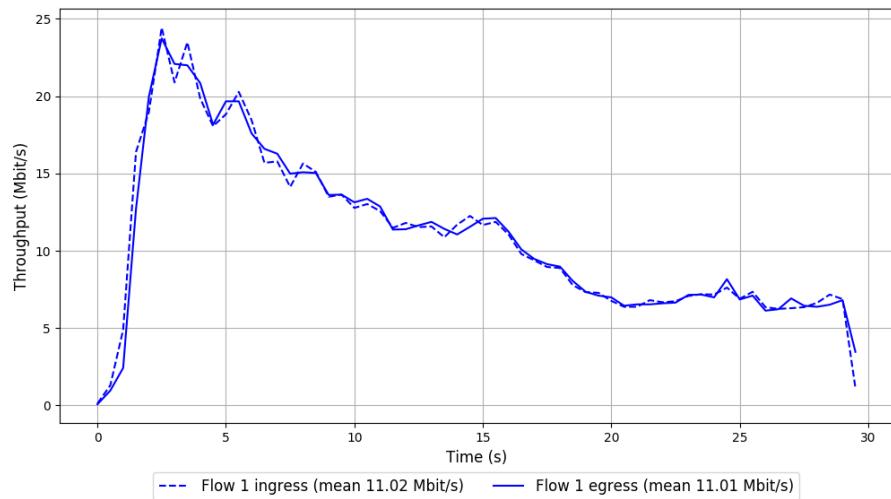
Run 10: Statistics of QUIC Cubic

Start at: 2017-09-21 23:20:20

End at: 2017-09-21 23:20:50

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.01 Mbit/s
95th percentile per-packet one-way delay: 136.339 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 11.01 Mbit/s
95th percentile per-packet one-way delay: 136.339 ms
Loss rate: 0.10%
```

Run 10: Report of QUIC Cubic — Data Link



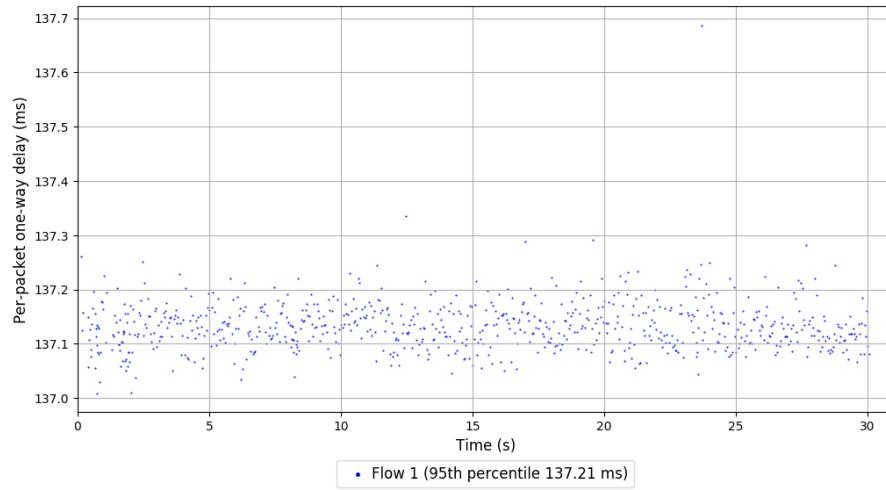
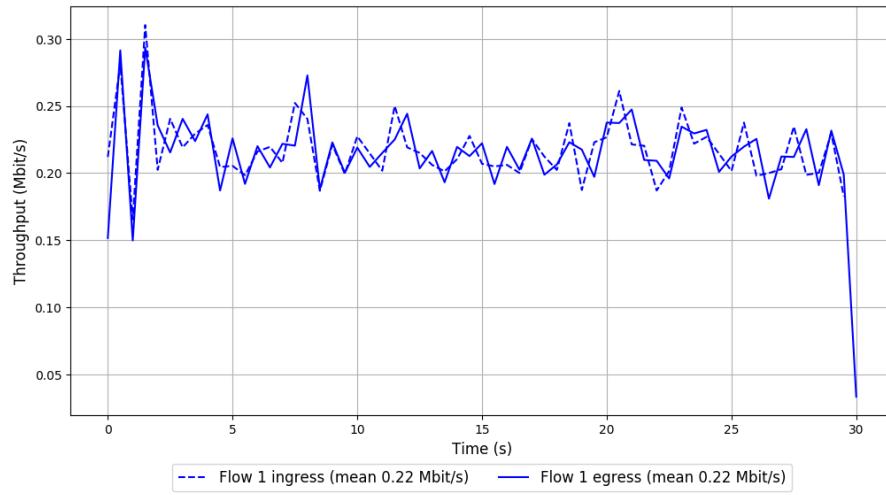
Run 1: Statistics of SCReAM

Start at: 2017-09-21 21:35:38

End at: 2017-09-21 21:36:08

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 137.207 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 137.207 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link



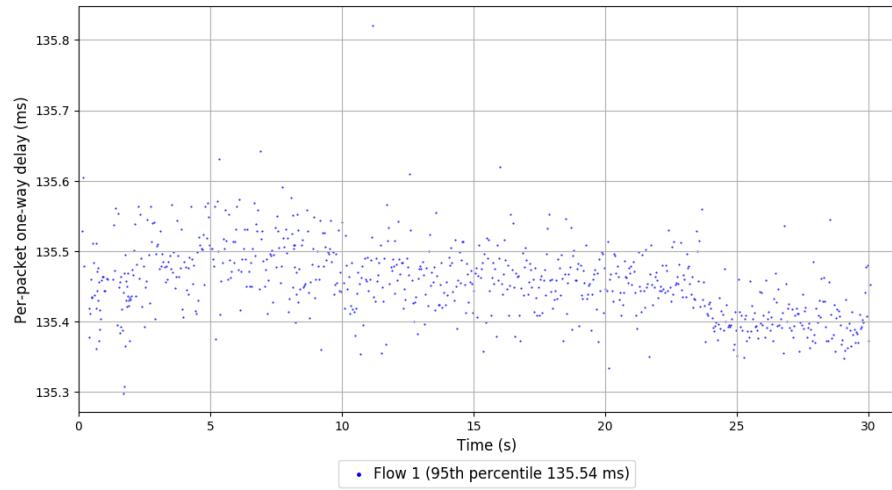
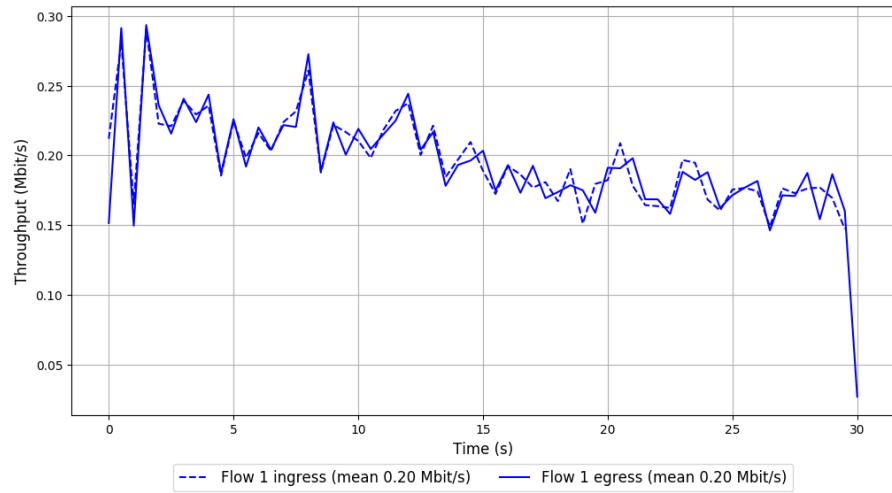
Run 2: Statistics of SCReAM

Start at: 2017-09-21 21:46:31

End at: 2017-09-21 21:47:01

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 135.545 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 135.545 ms
Loss rate: 0.13%
```

Run 2: Report of SCReAM — Data Link



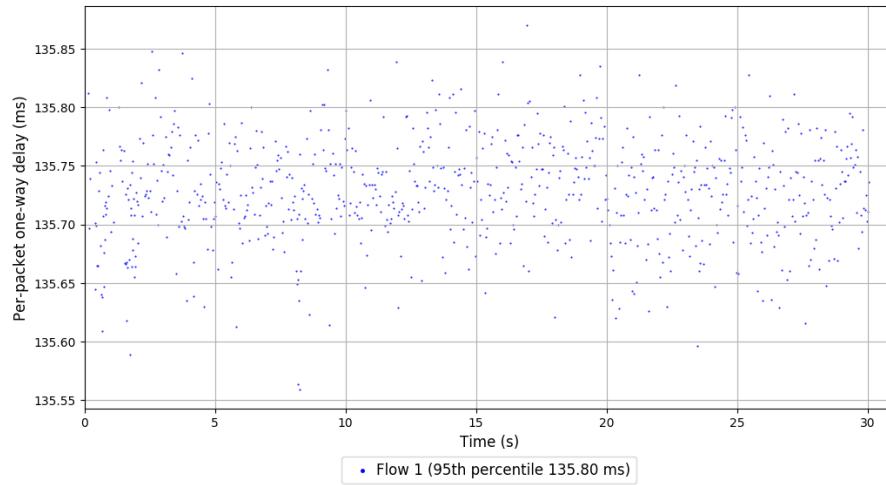
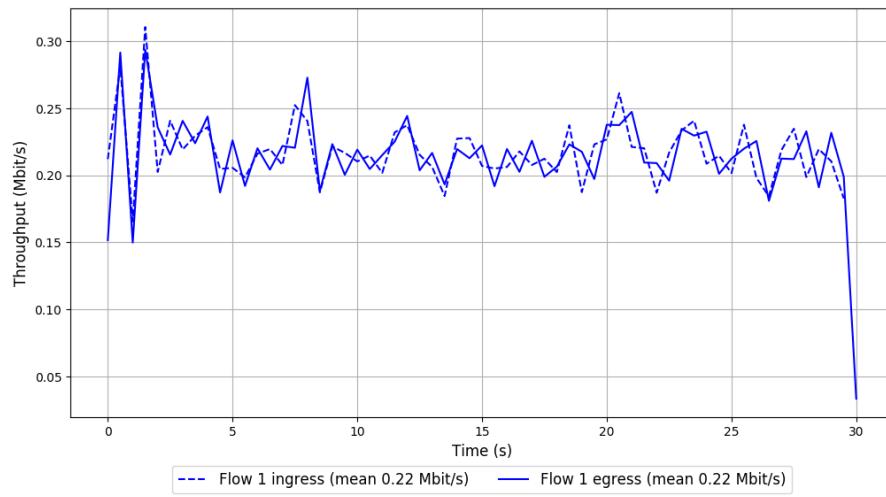
Run 3: Statistics of SCReAM

Start at: 2017-09-21 21:57:48

End at: 2017-09-21 21:58:18

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.798 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.798 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link



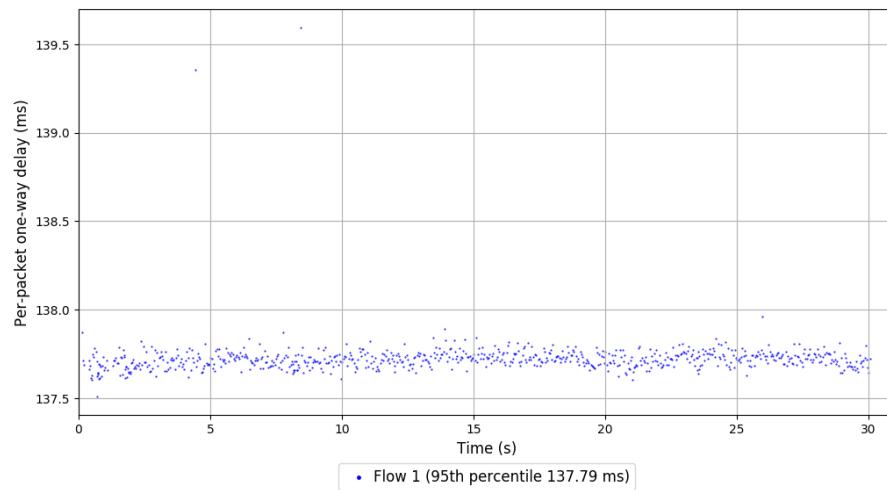
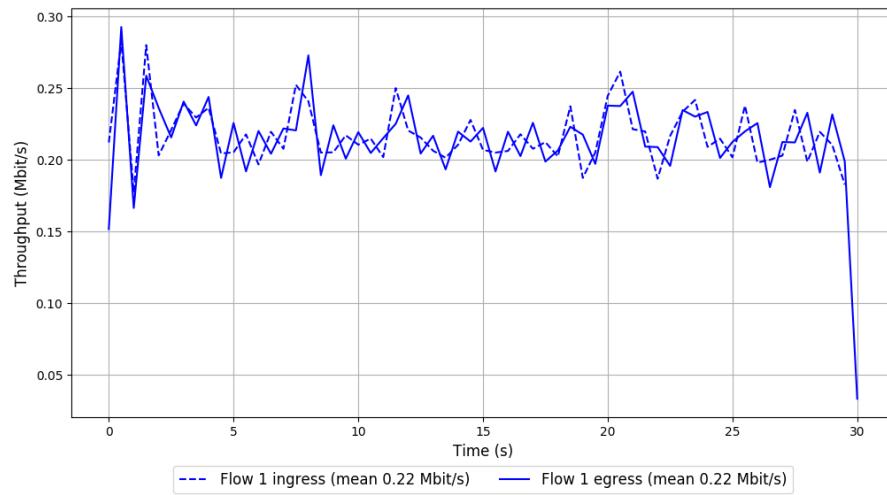
Run 4: Statistics of SCReAM

Start at: 2017-09-21 22:09:01

End at: 2017-09-21 22:09:31

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 137.793 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 137.793 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link



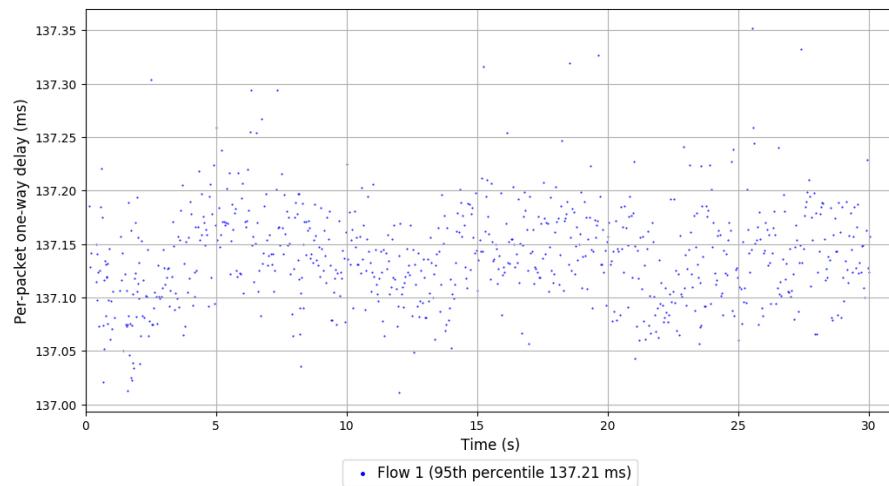
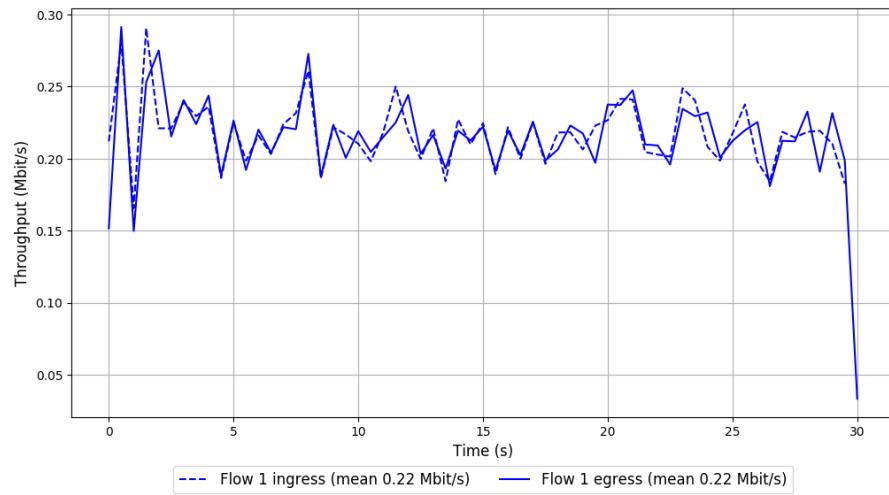
Run 5: Statistics of SCReAM

Start at: 2017-09-21 22:20:39

End at: 2017-09-21 22:21:09

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 137.207 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 137.207 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link



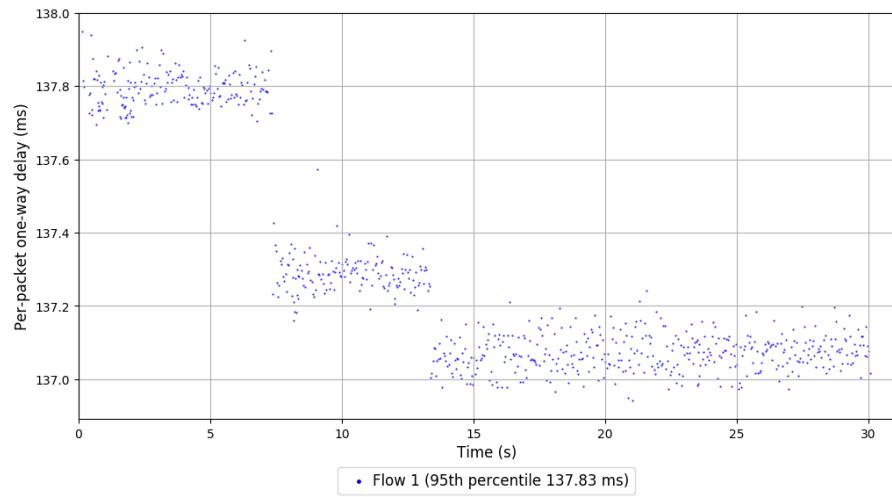
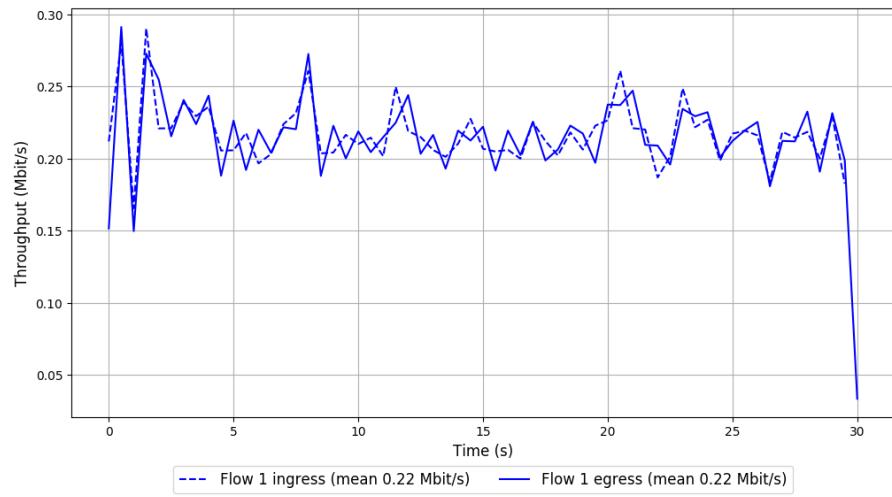
Run 6: Statistics of SCReAM

Start at: 2017-09-21 22:31:29

End at: 2017-09-21 22:31:59

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 137.831 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 137.831 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link



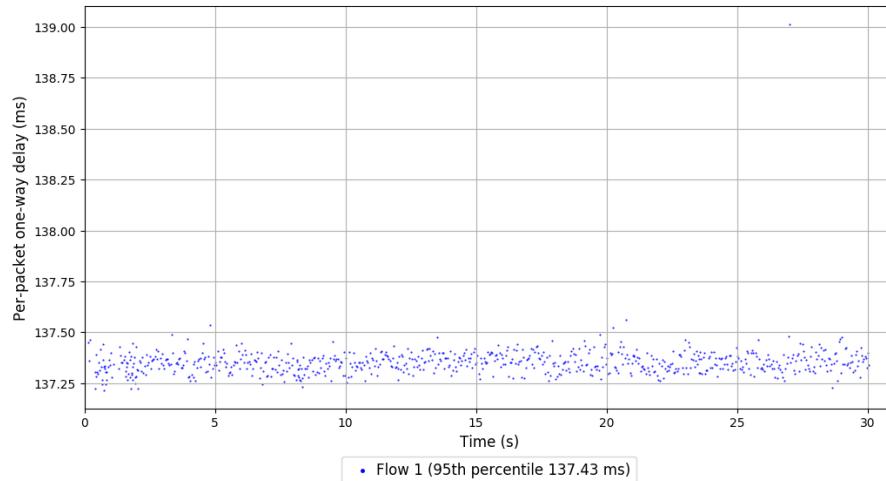
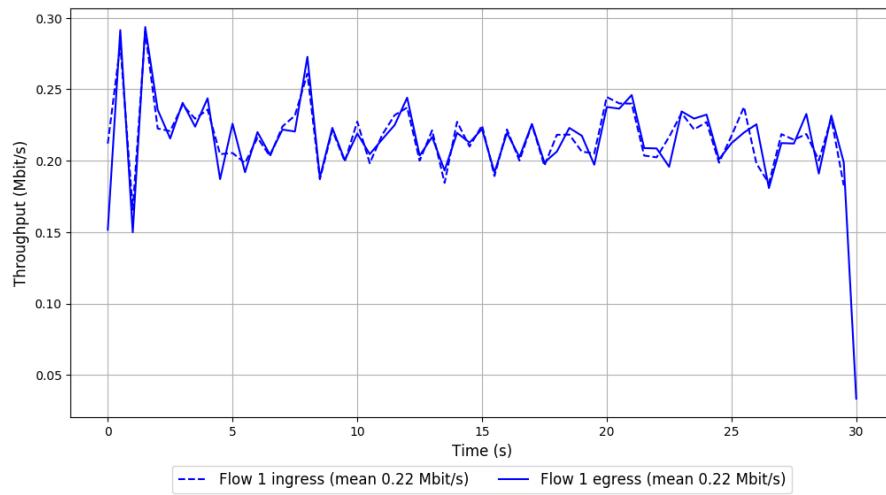
Run 7: Statistics of SCReAM

Start at: 2017-09-21 22:42:33

End at: 2017-09-21 22:43:03

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 137.430 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 137.430 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link



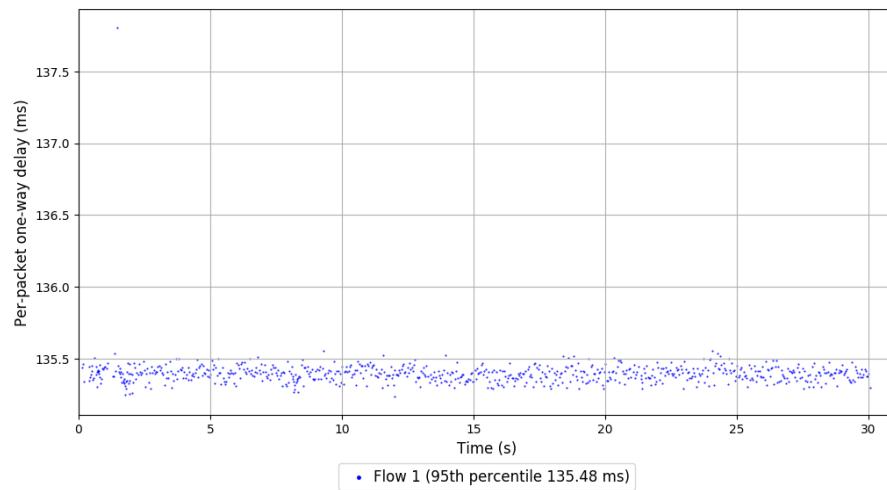
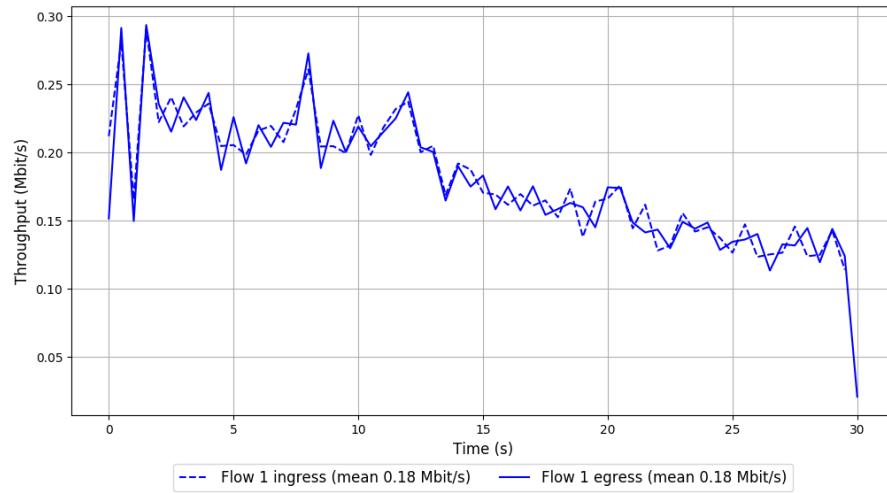
Run 8: Statistics of SCReAM

Start at: 2017-09-21 22:54:00

End at: 2017-09-21 22:54:30

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 135.478 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 0.18 Mbit/s
95th percentile per-packet one-way delay: 135.478 ms
Loss rate: 0.29%
```

Run 8: Report of SCReAM — Data Link



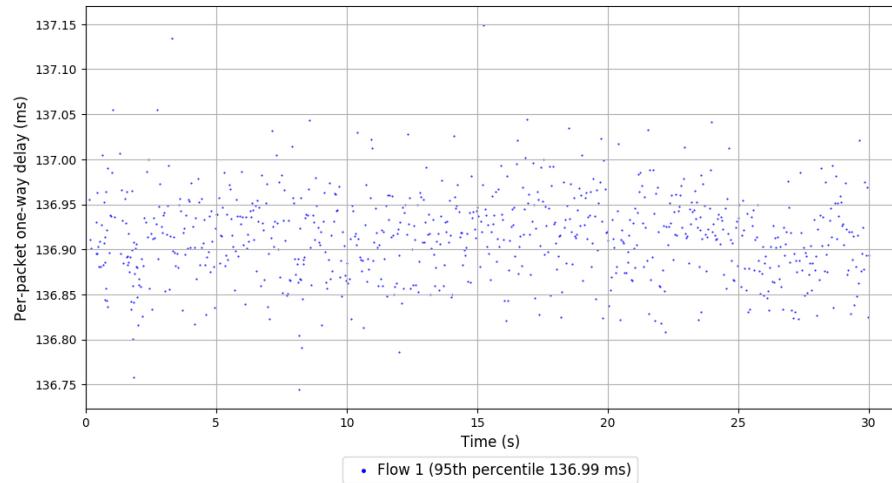
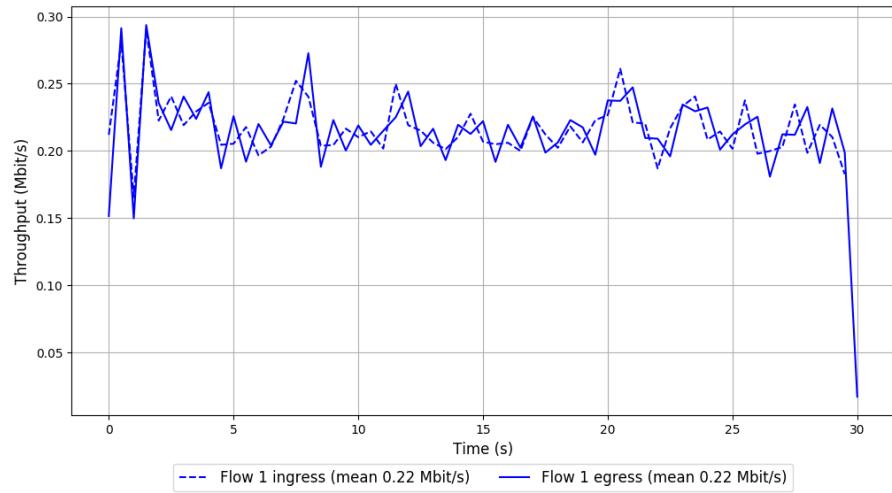
Run 9: Statistics of SCReAM

Start at: 2017-09-21 23:05:18

End at: 2017-09-21 23:05:48

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.990 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 136.990 ms
Loss rate: 0.13%
```

Run 9: Report of SCReAM — Data Link



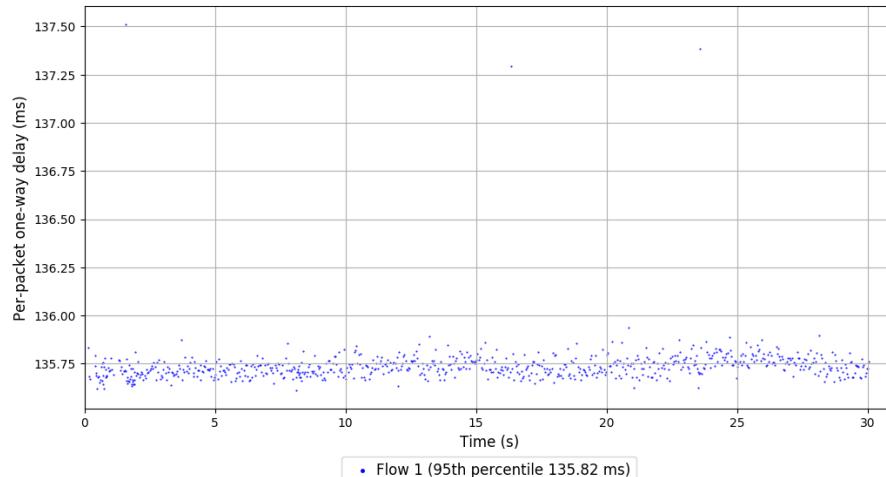
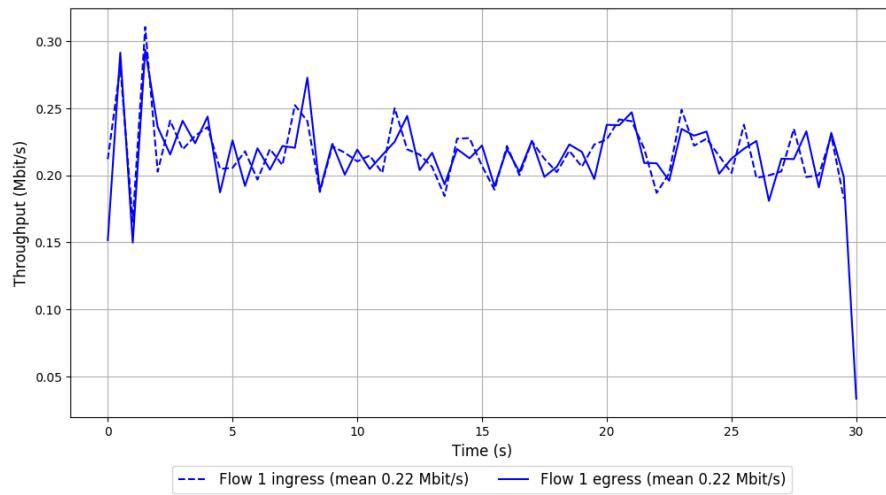
Run 10: Statistics of SCReAM

Start at: 2017-09-21 23:15:52

End at: 2017-09-21 23:16:22

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.823 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 135.823 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

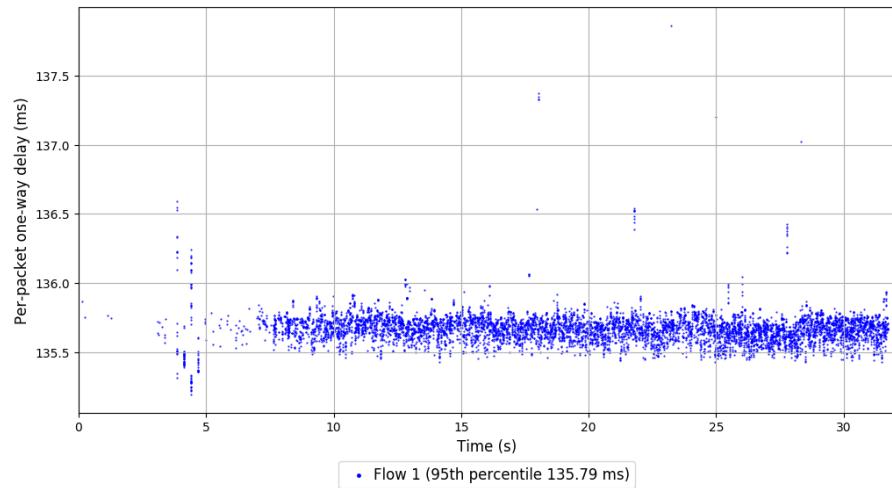
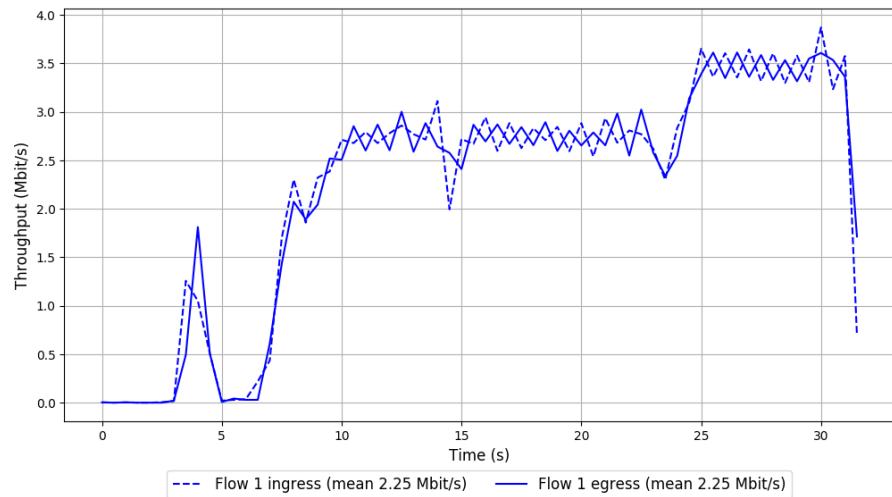


```
Run 1: Statistics of WebRTC media

Start at: 2017-09-21 21:38:47
End at: 2017-09-21 21:39:17

# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 135.794 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 135.794 ms
Loss rate: 0.11%
```

Run 1: Report of WebRTC media — Data Link



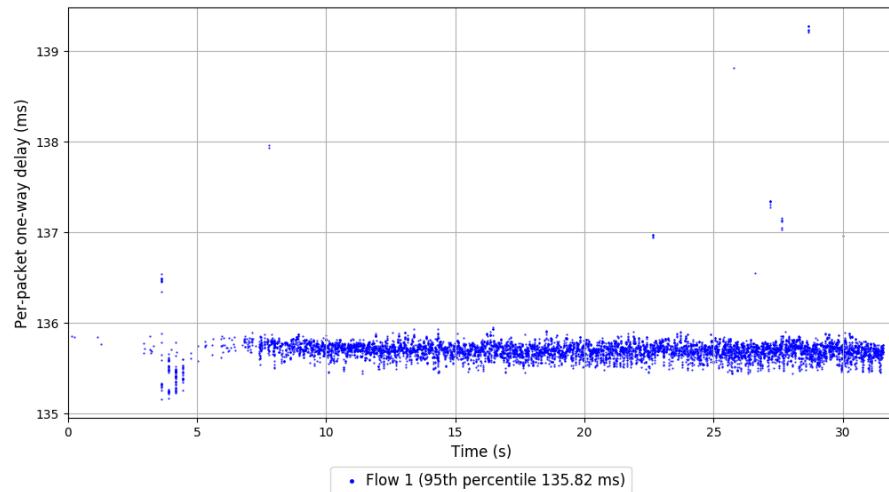
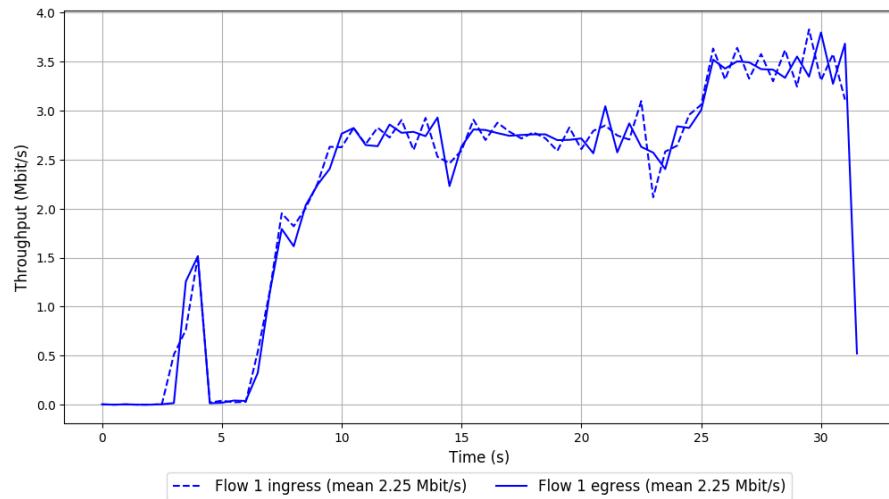
Run 2: Statistics of WebRTC media

Start at: 2017-09-21 21:50:05

End at: 2017-09-21 21:50:35

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 135.818 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 135.818 ms
Loss rate: 0.04%
```

Run 2: Report of WebRTC media — Data Link

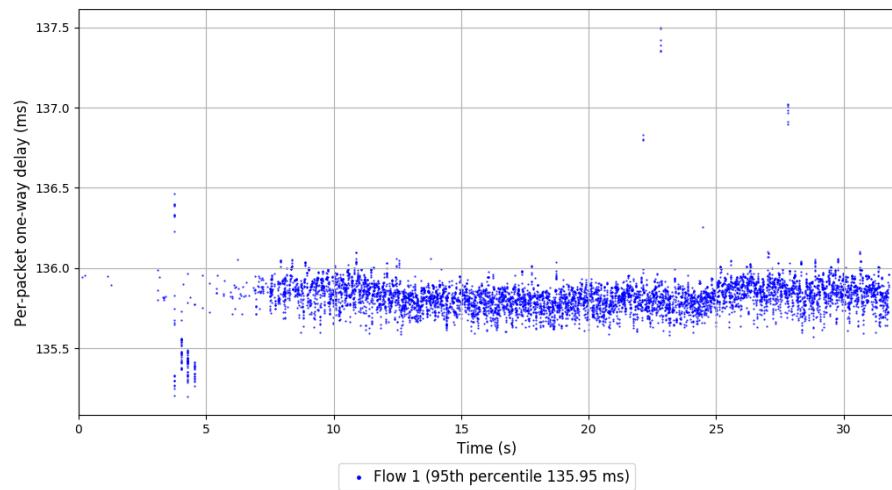
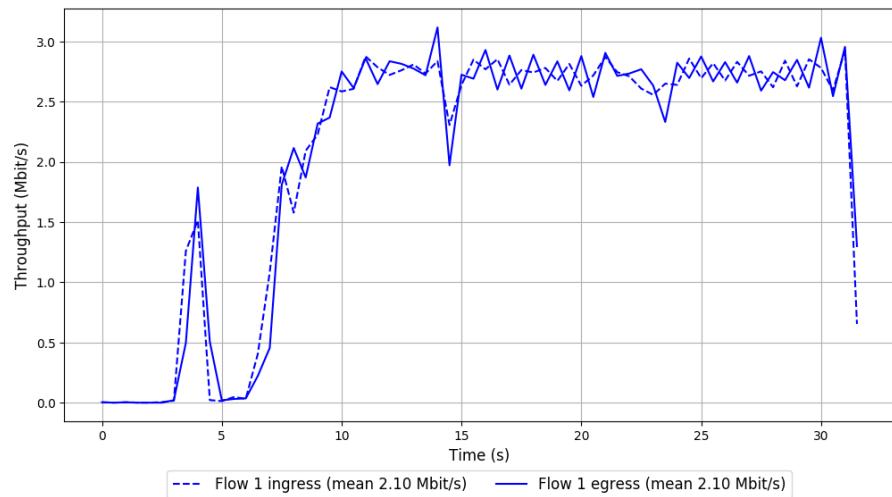


```
Run 3: Statistics of WebRTC media

Start at: 2017-09-21 22:01:17
End at: 2017-09-21 22:01:47

# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.10 Mbit/s
95th percentile per-packet one-way delay: 135.953 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.10 Mbit/s
95th percentile per-packet one-way delay: 135.953 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link



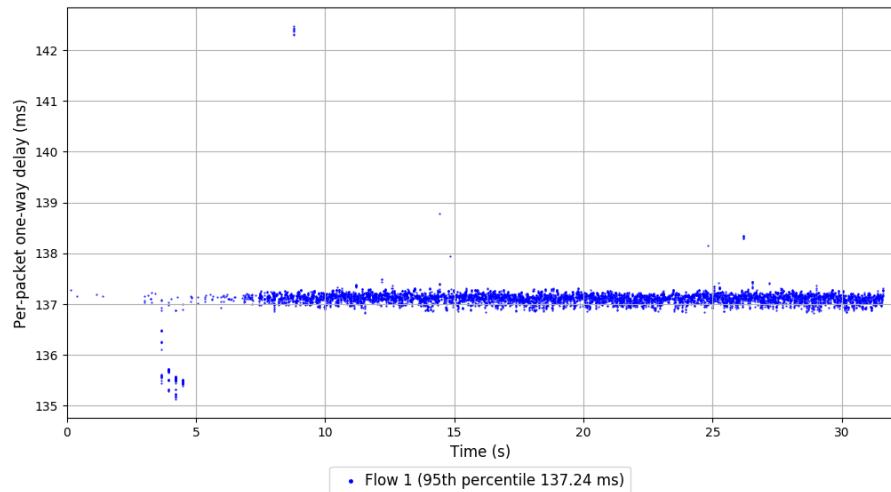
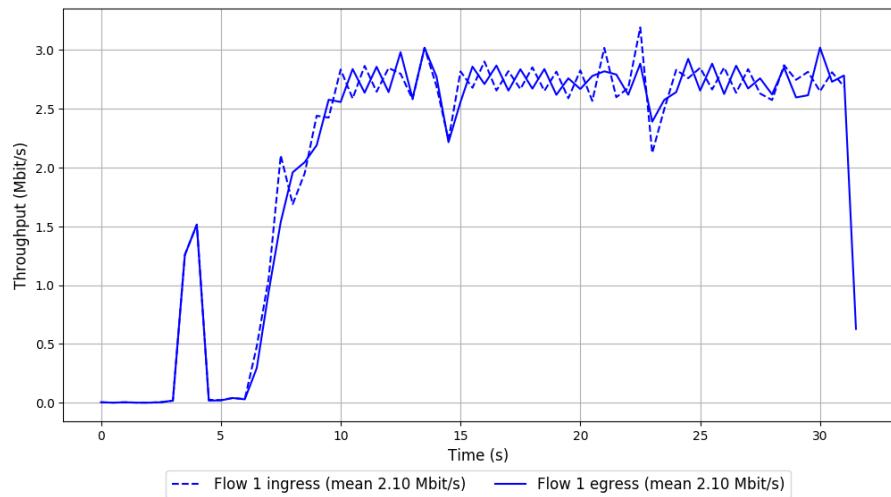
Run 4: Statistics of WebRTC media

Start at: 2017-09-21 22:12:34

End at: 2017-09-21 22:13:04

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.10 Mbit/s
95th percentile per-packet one-way delay: 137.240 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.10 Mbit/s
95th percentile per-packet one-way delay: 137.240 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link



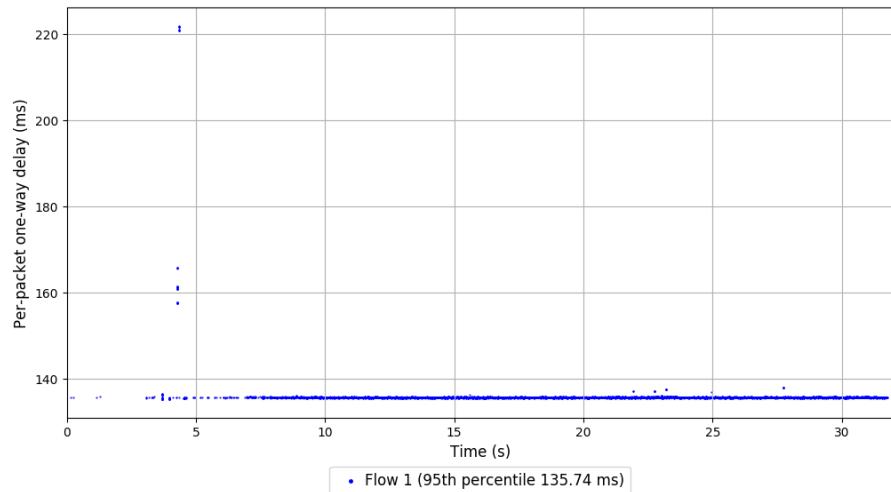
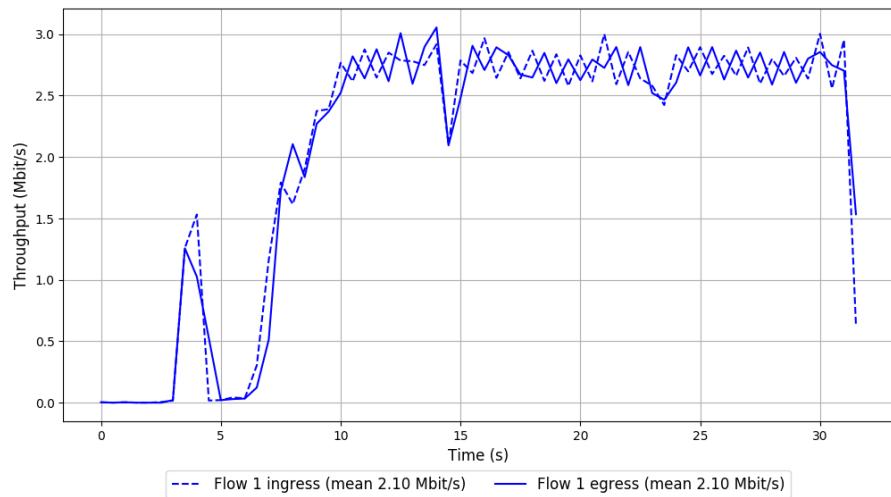
Run 5: Statistics of WebRTC media

Start at: 2017-09-21 22:23:29

End at: 2017-09-21 22:23:59

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.10 Mbit/s
95th percentile per-packet one-way delay: 135.739 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 2.10 Mbit/s
95th percentile per-packet one-way delay: 135.739 ms
Loss rate: 0.06%
```

Run 5: Report of WebRTC media — Data Link



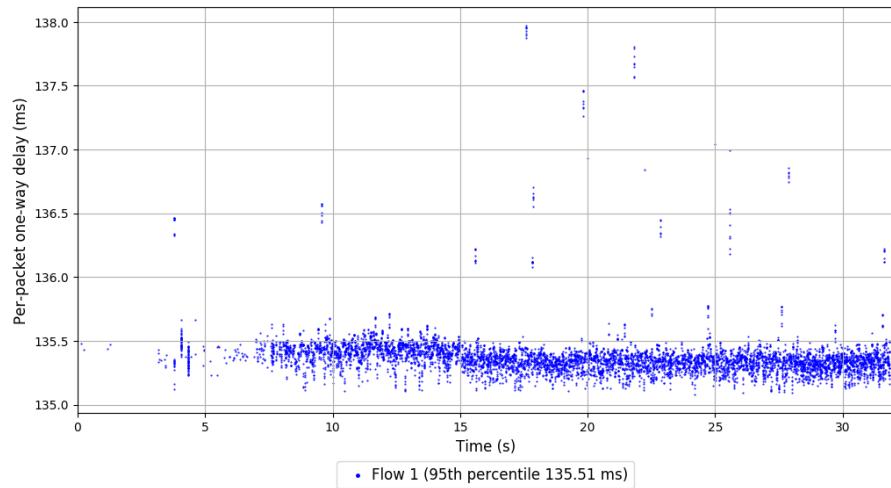
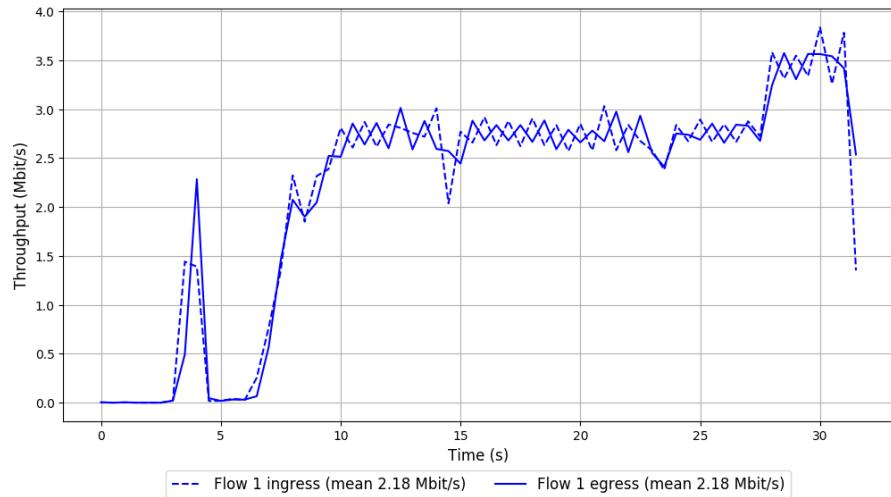
Run 6: Statistics of WebRTC media

Start at: 2017-09-21 22:34:51

End at: 2017-09-21 22:35:21

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 135.510 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 2.18 Mbit/s
95th percentile per-packet one-way delay: 135.510 ms
Loss rate: 0.09%
```

Run 6: Report of WebRTC media — Data Link



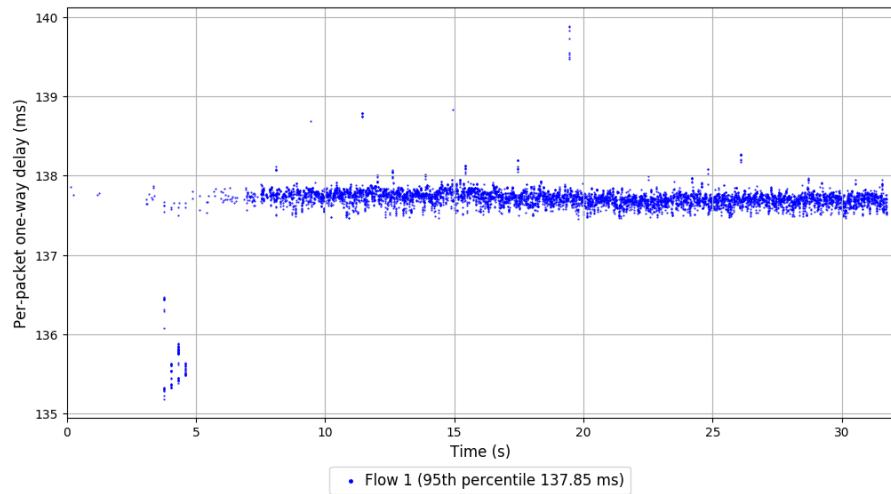
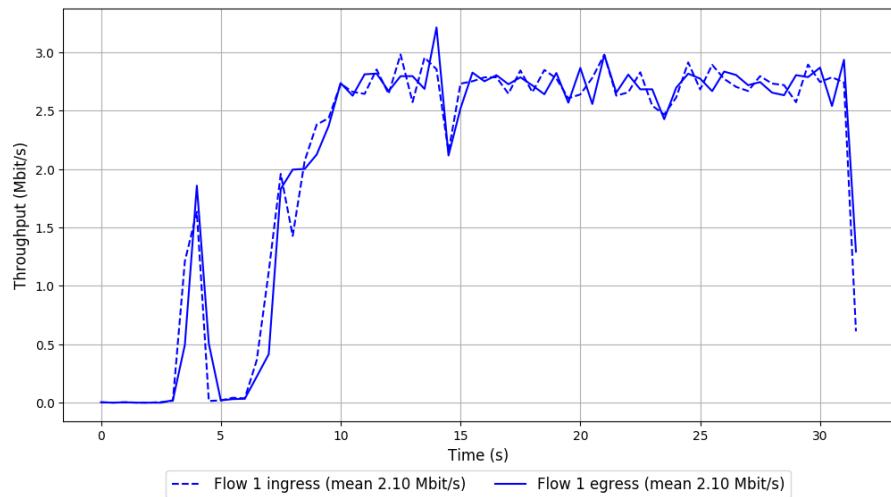
Run 7: Statistics of WebRTC media

Start at: 2017-09-21 22:46:12

End at: 2017-09-21 22:46:42

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.10 Mbit/s
95th percentile per-packet one-way delay: 137.846 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.10 Mbit/s
95th percentile per-packet one-way delay: 137.846 ms
Loss rate: 0.00%
```

Run 7: Report of WebRTC media — Data Link

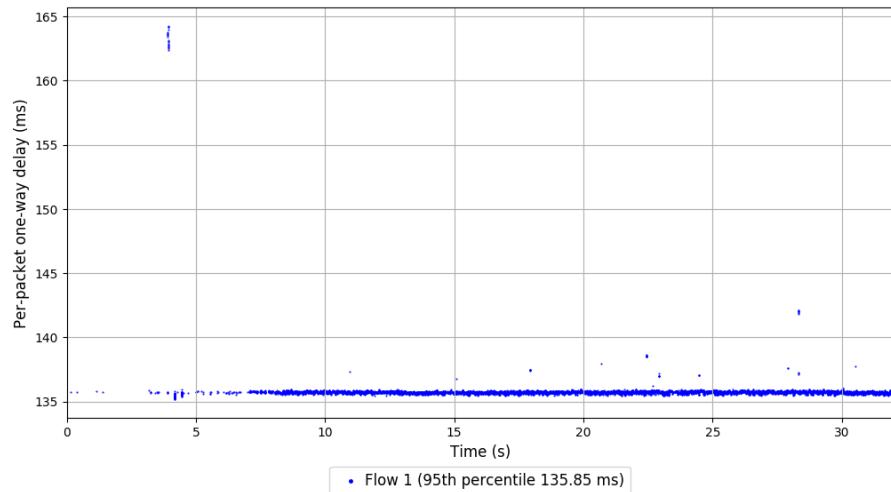
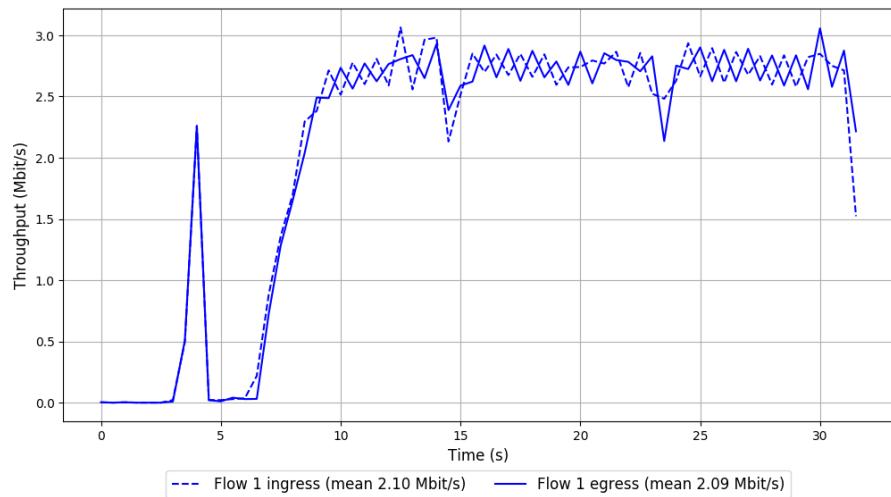


```
Run 8: Statistics of WebRTC media

Start at: 2017-09-21 22:57:38
End at: 2017-09-21 22:58:08

# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.09 Mbit/s
95th percentile per-packet one-way delay: 135.848 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 2.09 Mbit/s
95th percentile per-packet one-way delay: 135.848 ms
Loss rate: 0.04%
```

Run 8: Report of WebRTC media — Data Link



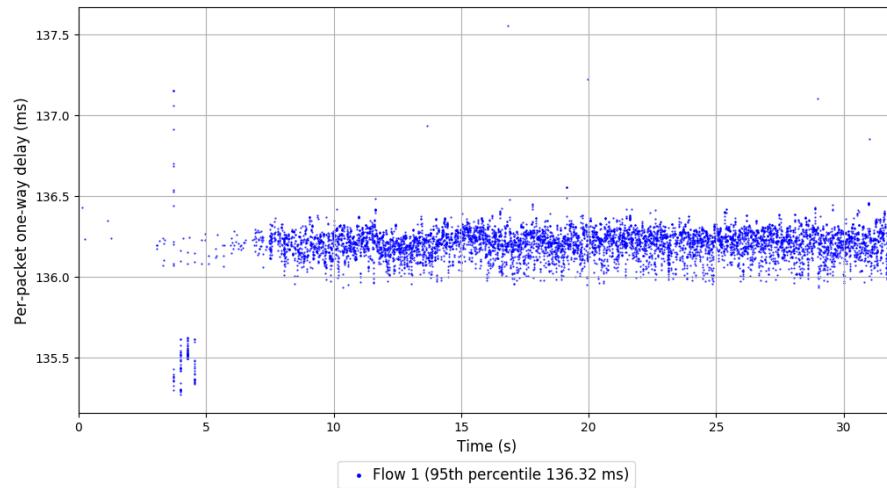
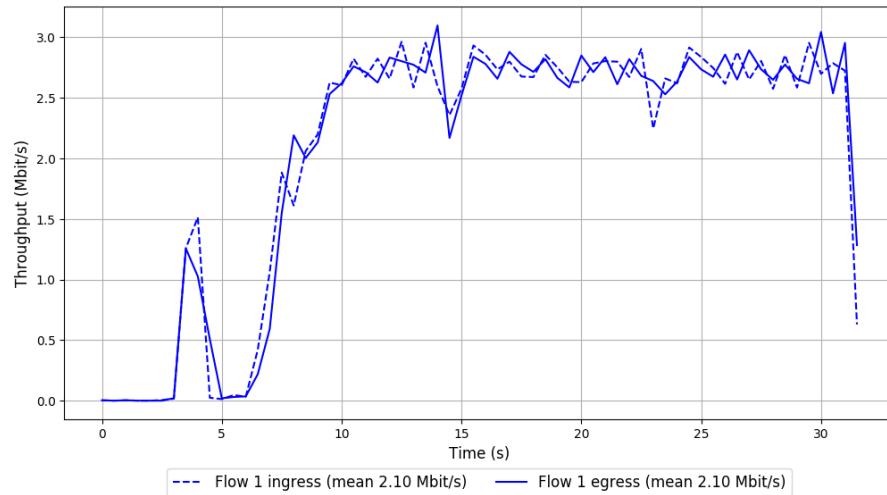
Run 9: Statistics of WebRTC media

Start at: 2017-09-21 23:08:09

End at: 2017-09-21 23:08:39

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.10 Mbit/s
95th percentile per-packet one-way delay: 136.324 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.10 Mbit/s
95th percentile per-packet one-way delay: 136.324 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link



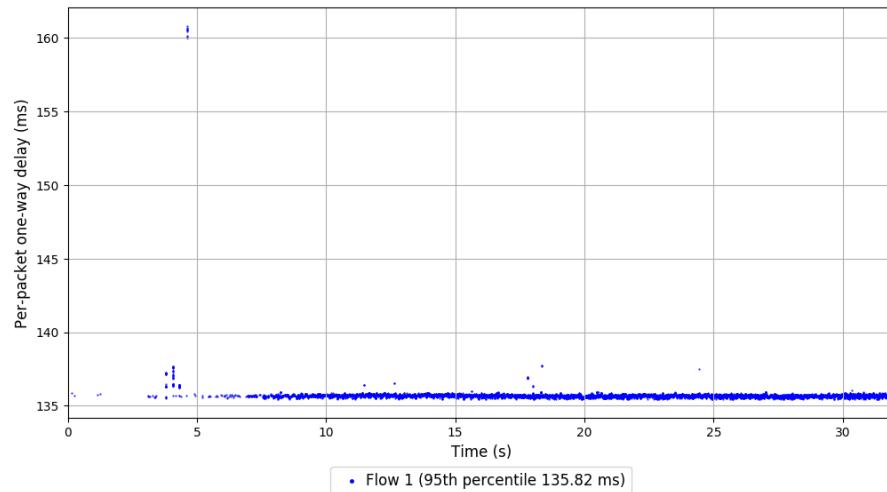
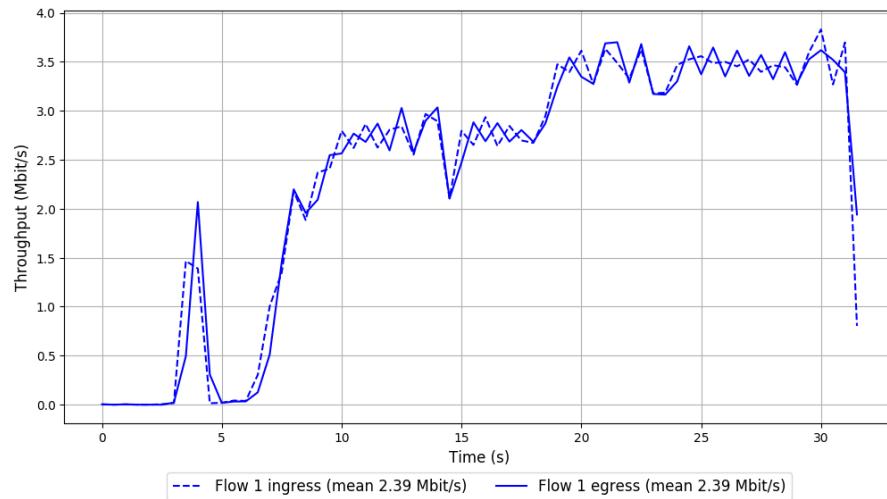
Run 10: Statistics of WebRTC media

Start at: 2017-09-21 23:18:44

End at: 2017-09-21 23:19:14

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 135.823 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 135.823 ms
Loss rate: 0.07%
```

Run 10: Report of WebRTC media — Data Link



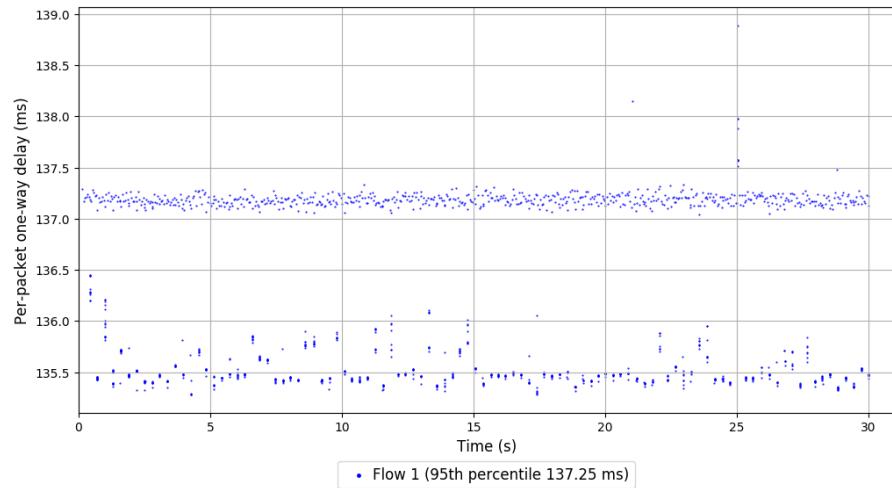
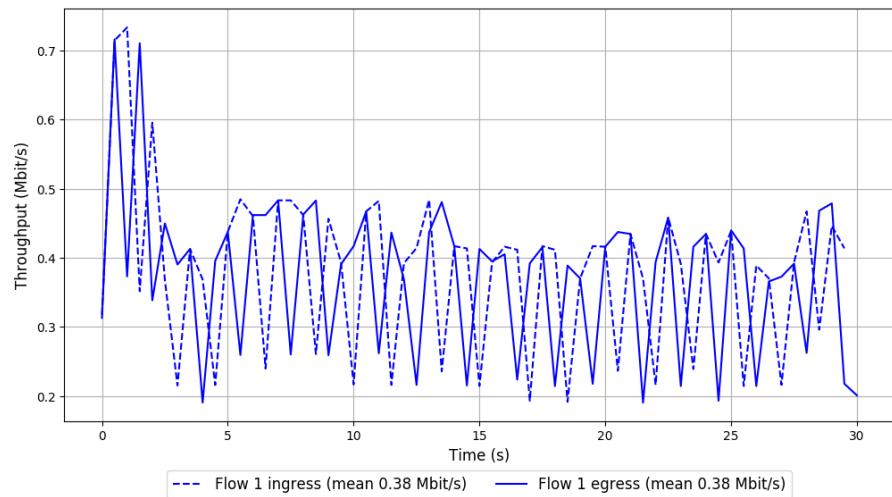
Run 1: Statistics of Sprout

Start at: 2017-09-21 21:41:06

End at: 2017-09-21 21:41:36

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 137.252 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 137.252 ms
Loss rate: 0.21%
```

Run 1: Report of Sprout — Data Link



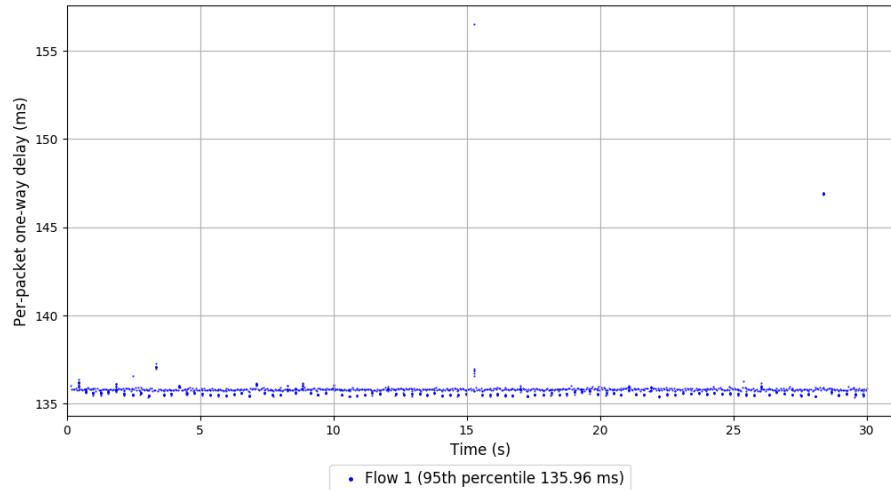
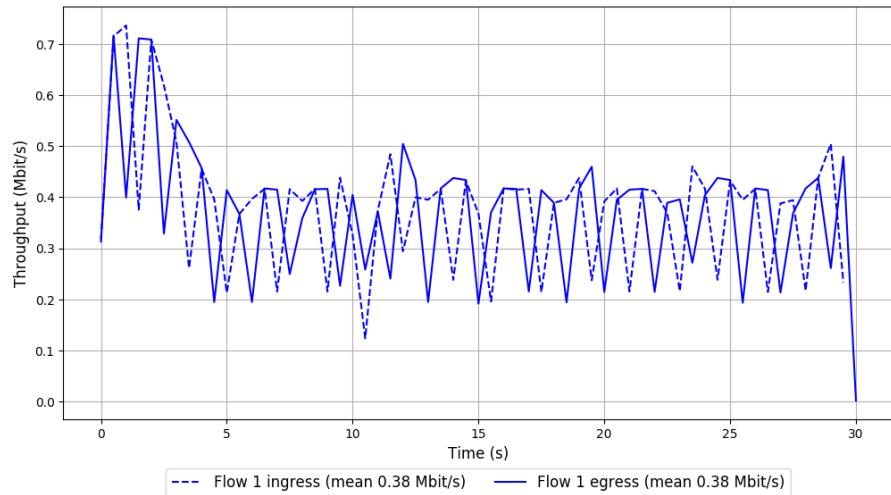
Run 2: Statistics of Sprout

Start at: 2017-09-21 21:52:24

End at: 2017-09-21 21:52:54

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 135.961 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 135.961 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link



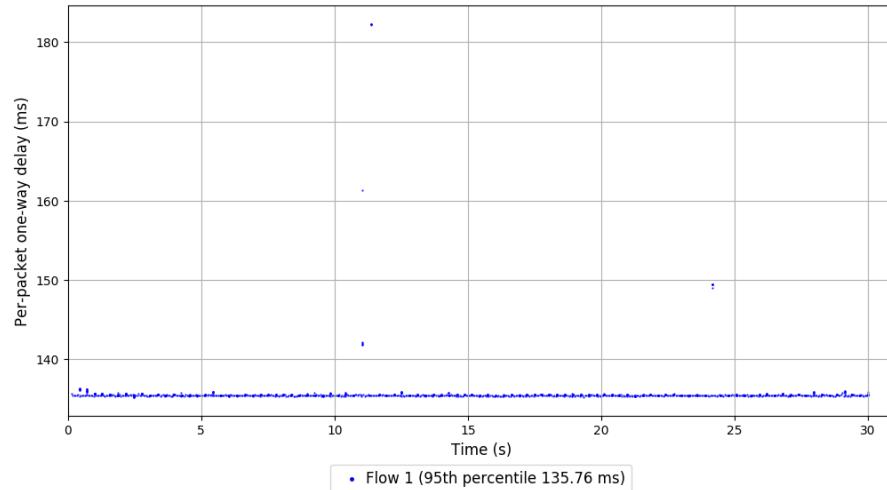
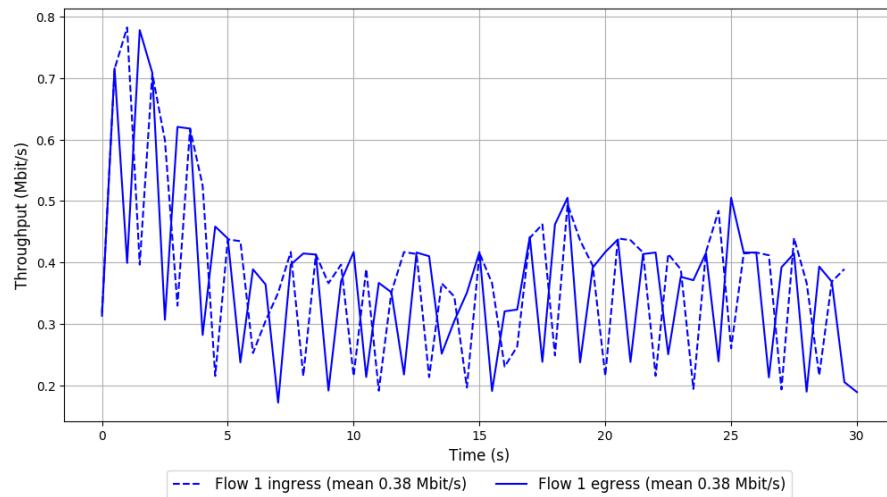
Run 3: Statistics of Sprout

Start at: 2017-09-21 22:03:34

End at: 2017-09-21 22:04:04

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 135.757 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 135.757 ms
Loss rate: 0.21%
```

Run 3: Report of Sprout — Data Link



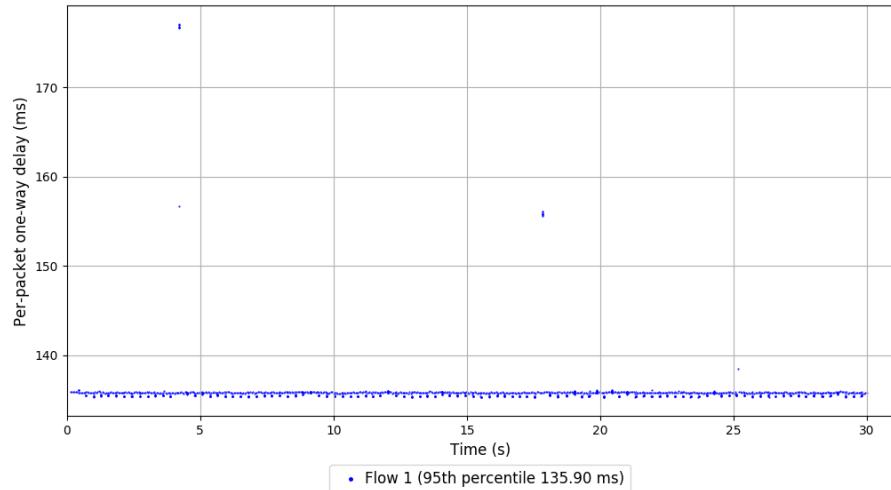
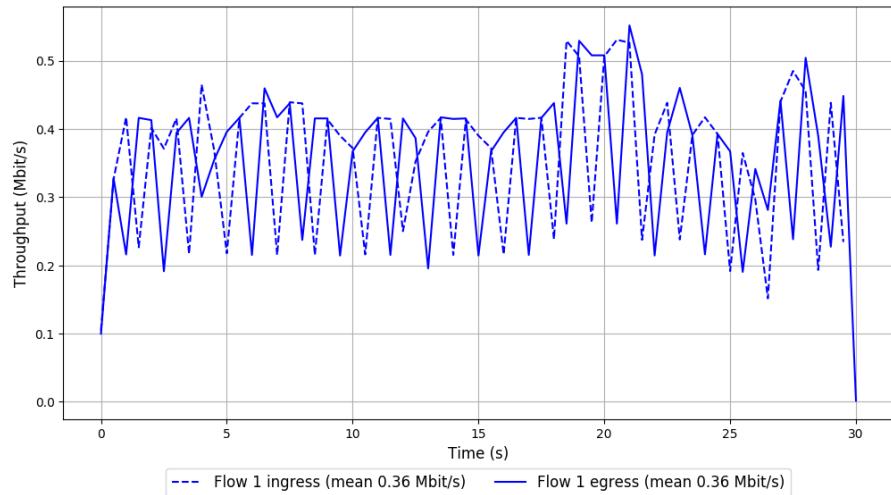
Run 4: Statistics of Sprout

Start at: 2017-09-21 22:15:12

End at: 2017-09-21 22:15:42

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 135.901 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 135.901 ms
Loss rate: 0.11%
```

Run 4: Report of Sprout — Data Link



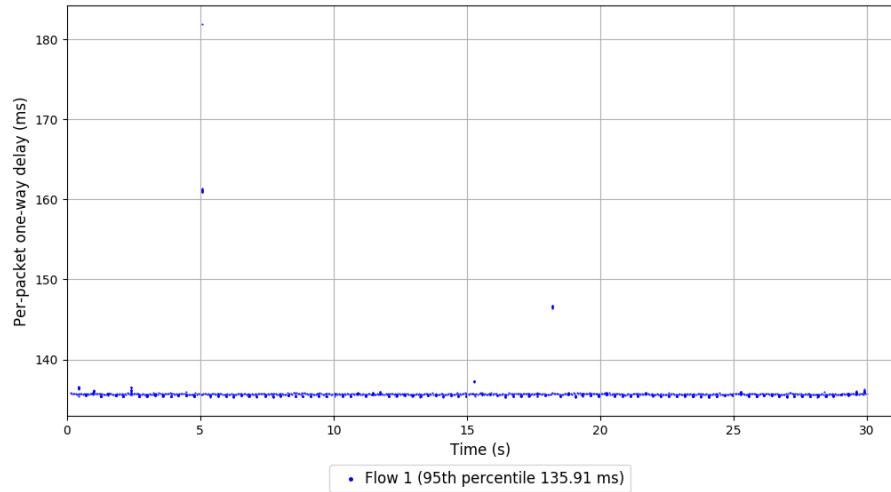
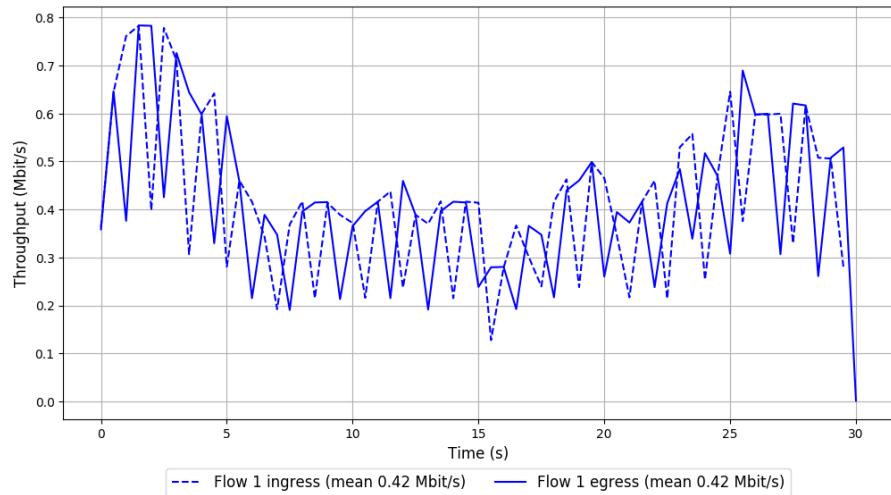
Run 5: Statistics of Sprout

Start at: 2017-09-21 22:26:03

End at: 2017-09-21 22:26:33

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 135.910 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 135.910 ms
Loss rate: 0.28%
```

Run 5: Report of Sprout — Data Link



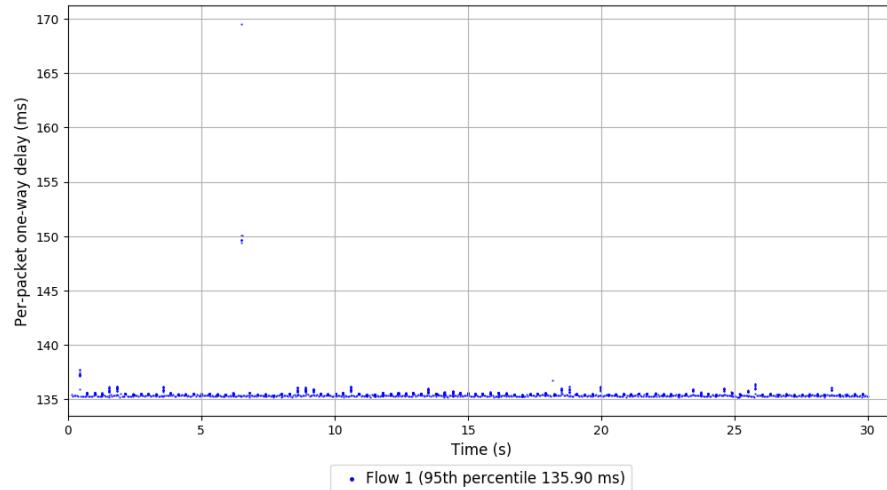
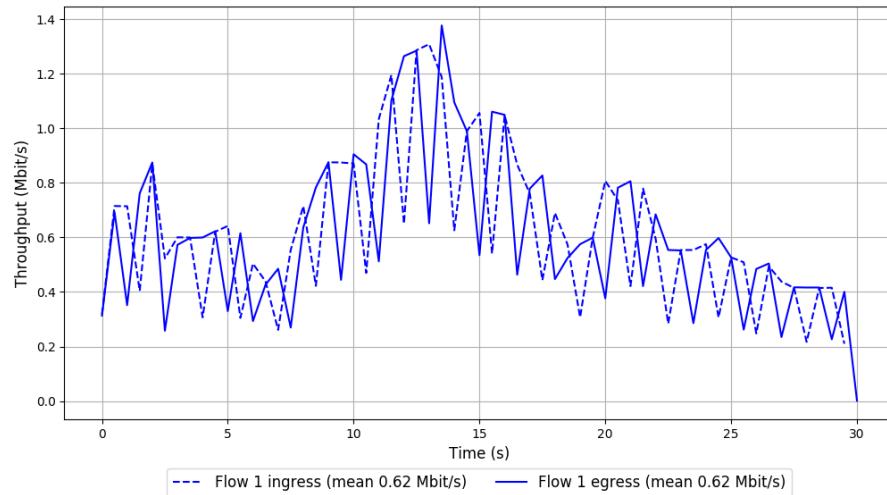
Run 6: Statistics of Sprout

Start at: 2017-09-21 22:37:07

End at: 2017-09-21 22:37:37

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 135.900 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.62 Mbit/s
95th percentile per-packet one-way delay: 135.900 ms
Loss rate: 0.13%
```

Run 6: Report of Sprout — Data Link



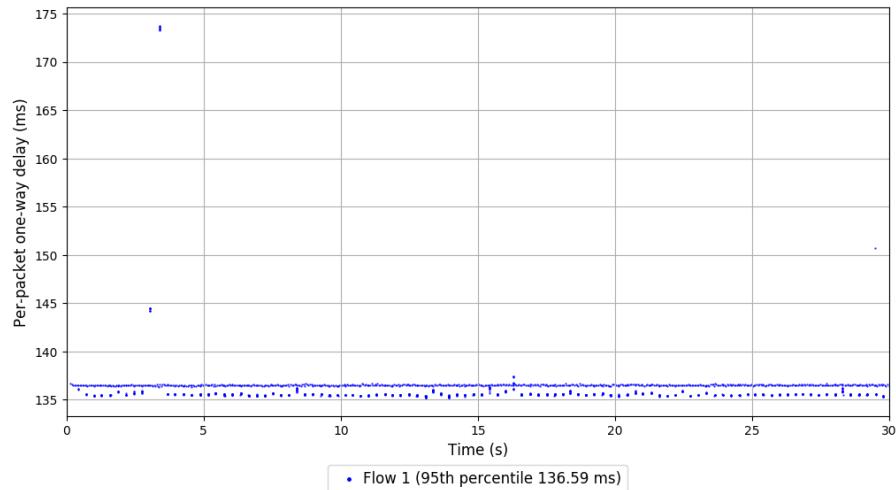
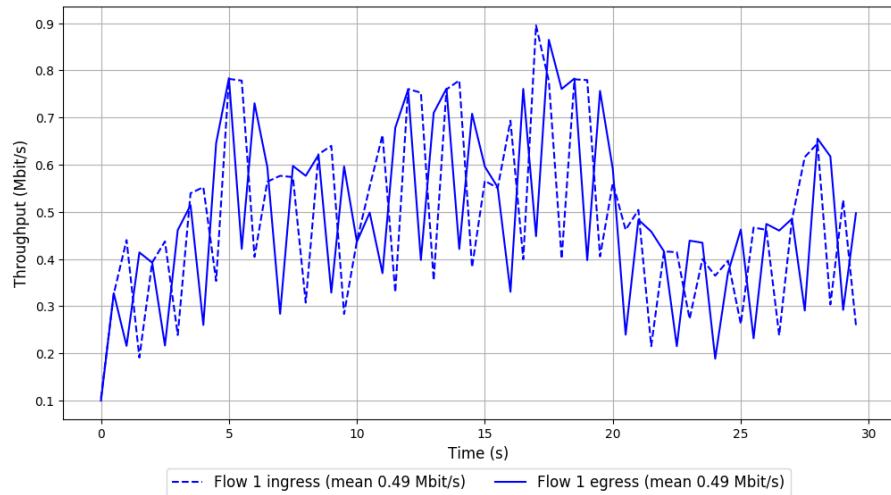
Run 7: Statistics of Sprout

Start at: 2017-09-21 22:48:30

End at: 2017-09-21 22:49:00

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 136.591 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 136.591 ms
Loss rate: 0.08%
```

Run 7: Report of Sprout — Data Link



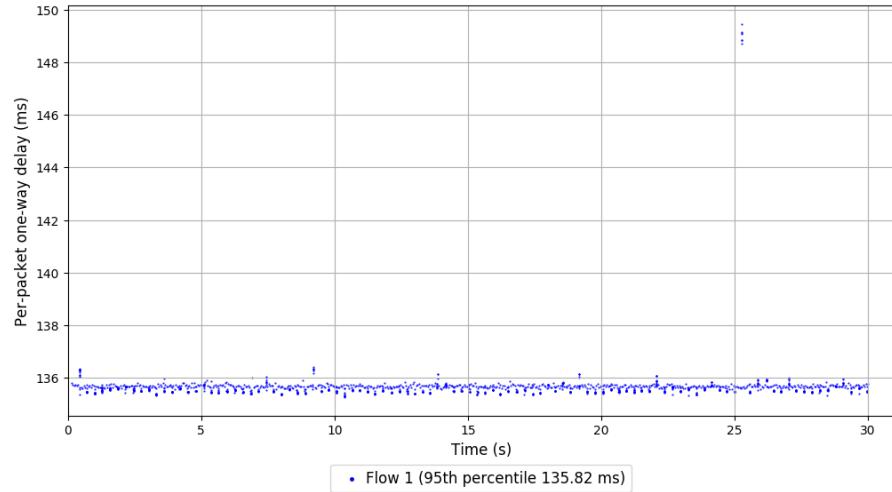
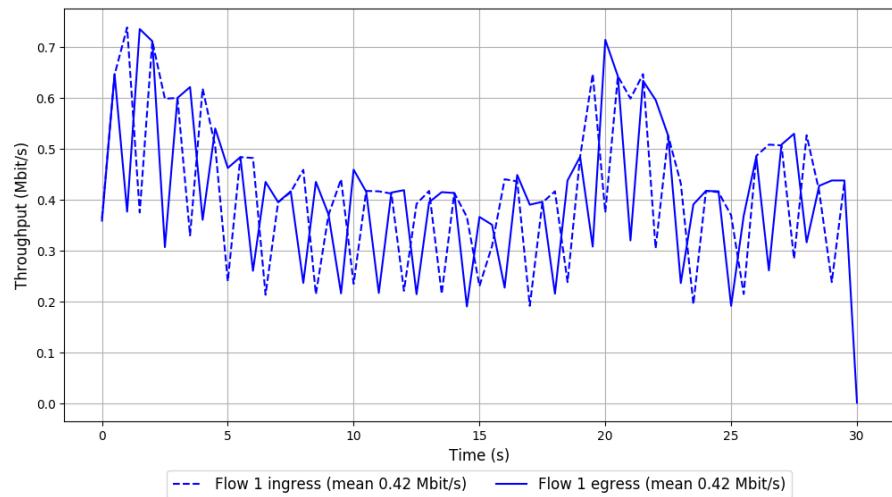
Run 8: Statistics of Sprout

Start at: 2017-09-21 22:59:52

End at: 2017-09-21 23:00:22

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 135.823 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 135.823 ms
Loss rate: 0.09%
```

Run 8: Report of Sprout — Data Link



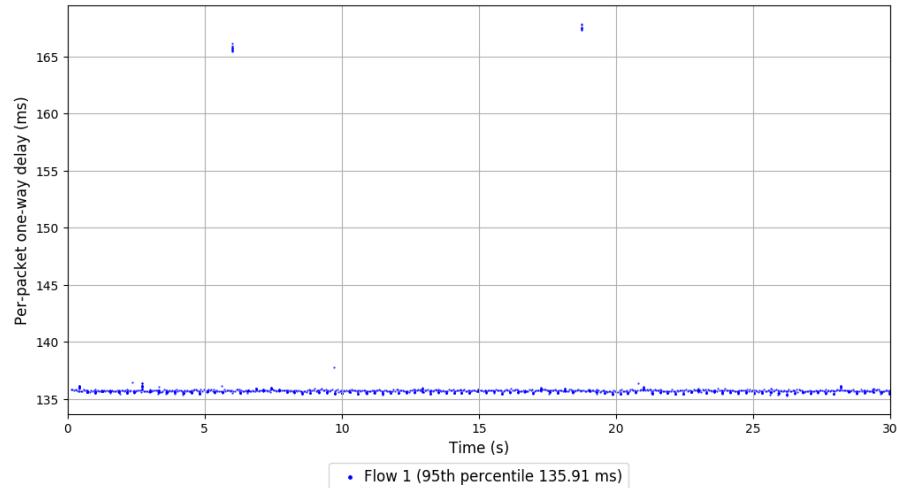
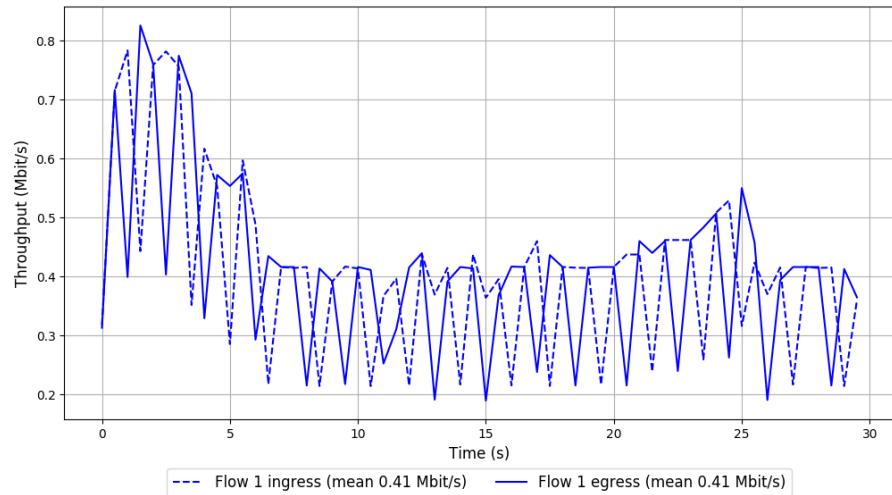
Run 9: Statistics of Sprout

Start at: 2017-09-21 23:10:25

End at: 2017-09-21 23:10:55

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 135.905 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 135.905 ms
Loss rate: 0.10%
```

Run 9: Report of Sprout — Data Link



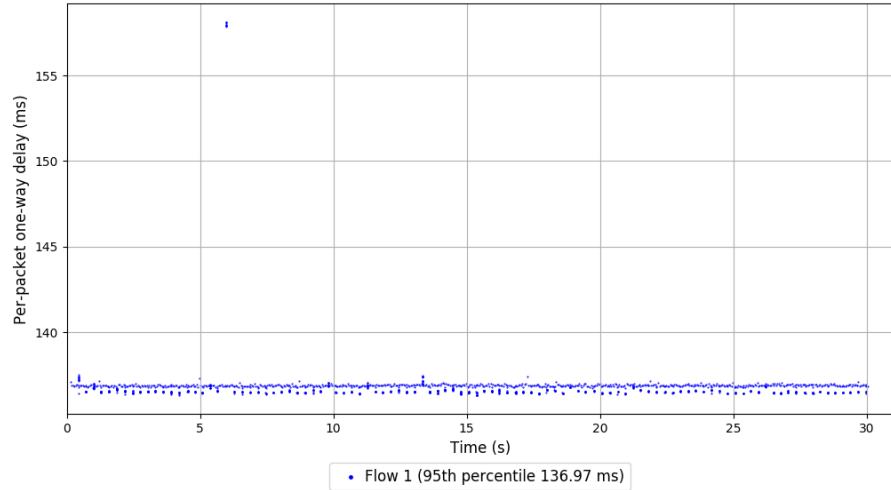
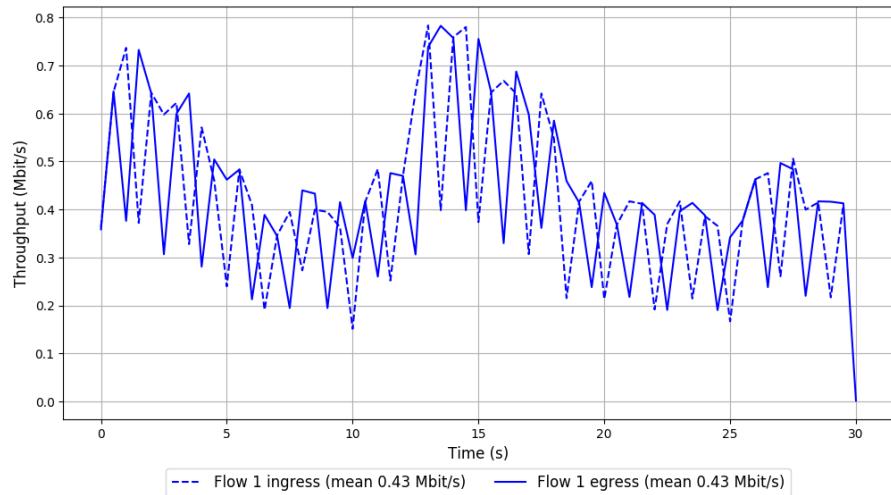
Run 10: Statistics of Sprout

Start at: 2017-09-21 23:21:04

End at: 2017-09-21 23:21:34

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 136.975 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 136.975 ms
Loss rate: 0.09%
```

Run 10: Report of Sprout — Data Link



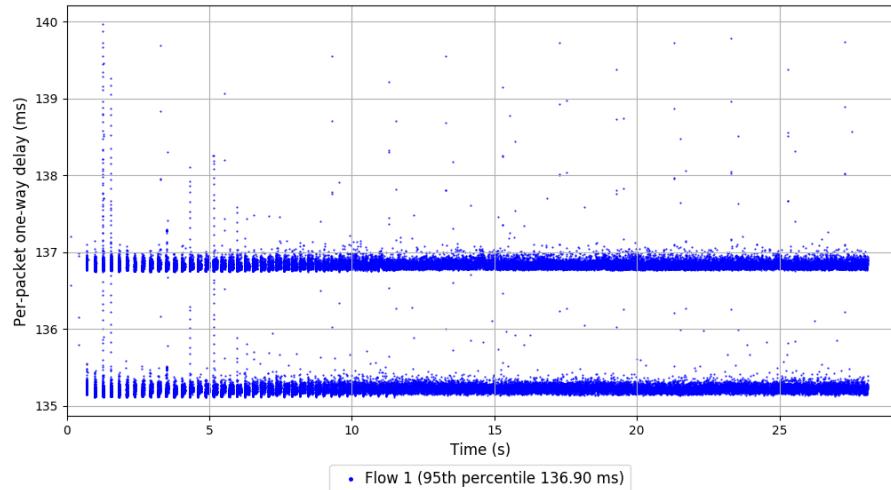
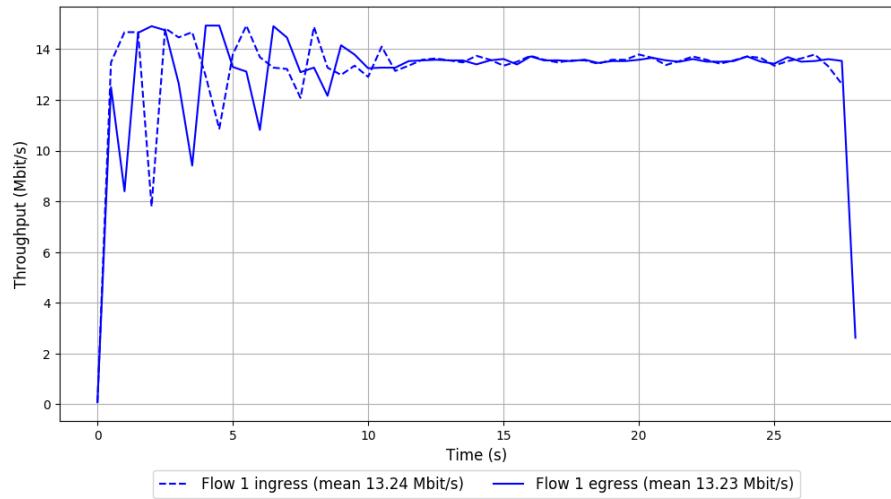
Run 1: Statistics of TaoVA-100x

Start at: 2017-09-21 21:36:20

End at: 2017-09-21 21:36:50

```
# Below is generated by plot.py at 2017-09-22 00:04:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.23 Mbit/s
95th percentile per-packet one-way delay: 136.904 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 13.23 Mbit/s
95th percentile per-packet one-way delay: 136.904 ms
Loss rate: 0.10%
```

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



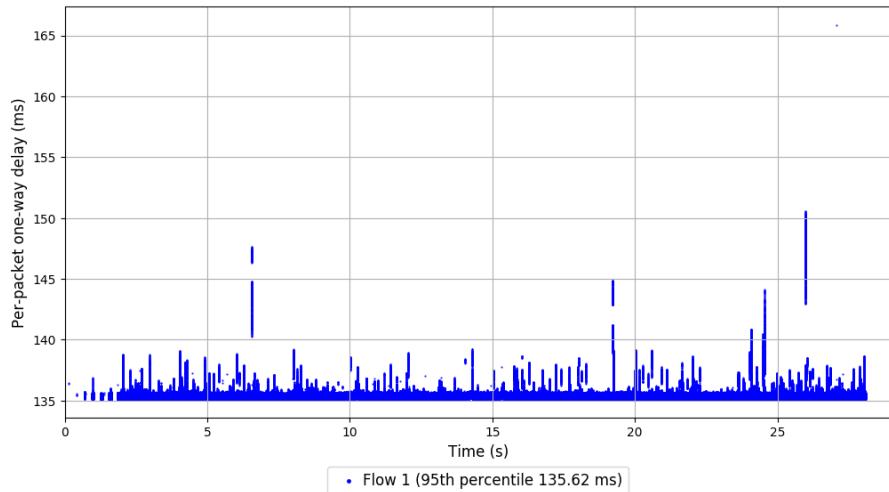
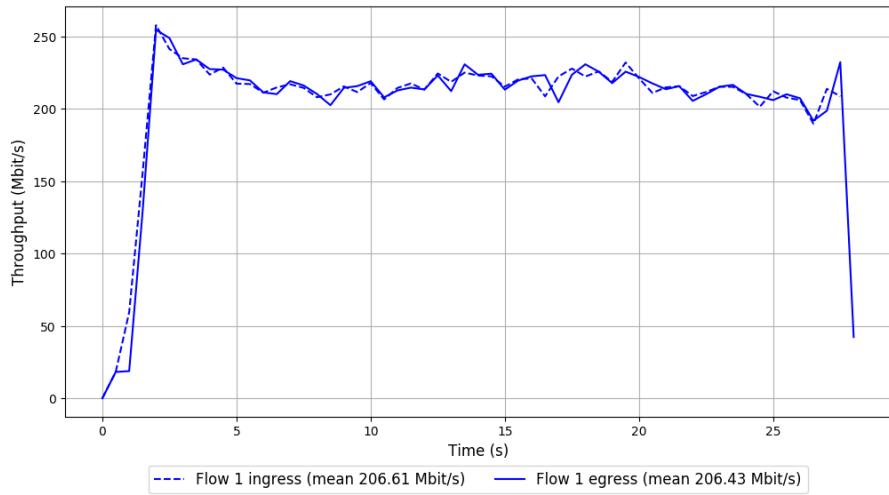
Run 2: Statistics of TaoVA-100x

Start at: 2017-09-21 21:47:13

End at: 2017-09-21 21:47:43

```
# Below is generated by plot.py at 2017-09-22 00:08:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 206.43 Mbit/s
95th percentile per-packet one-way delay: 135.619 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 206.43 Mbit/s
95th percentile per-packet one-way delay: 135.619 ms
Loss rate: 0.09%
```

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

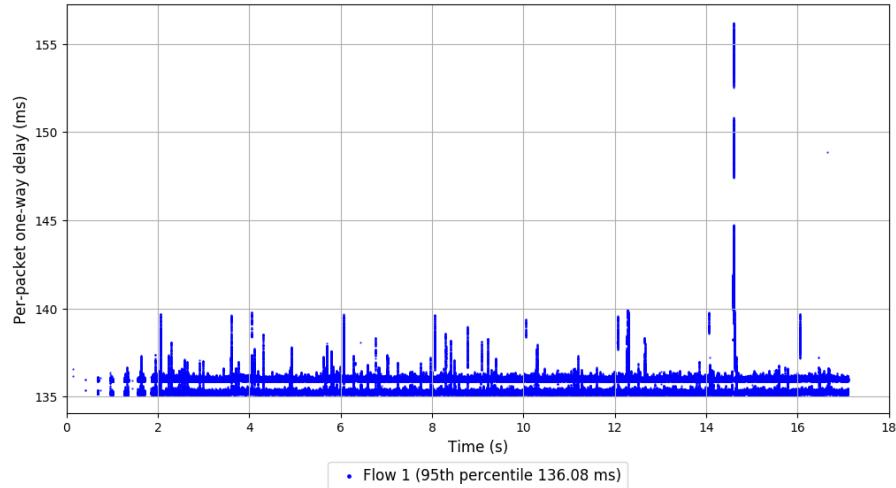
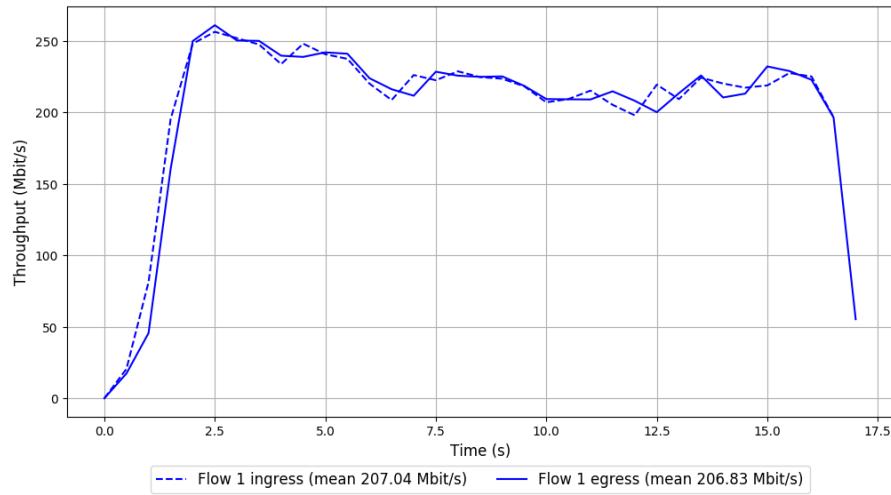


Run 3: Statistics of TaoVA-100x

Start at: 2017-09-21 21:58:30

End at: 2017-09-21 21:59:00

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



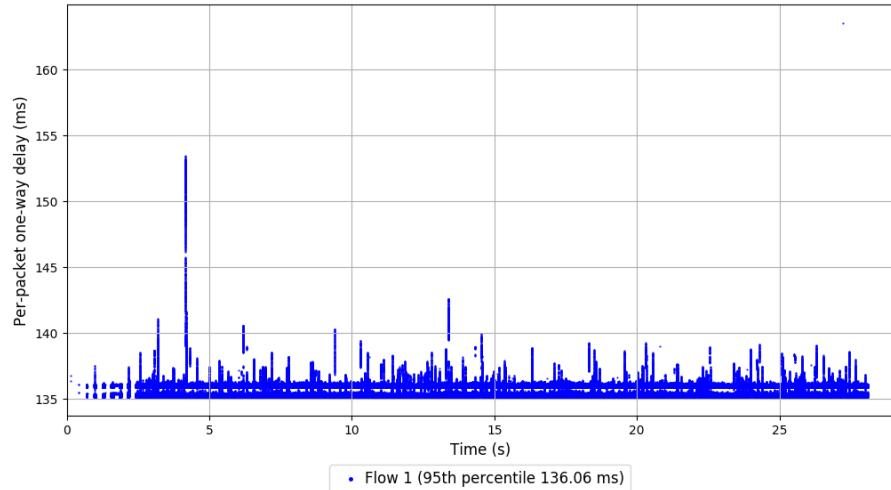
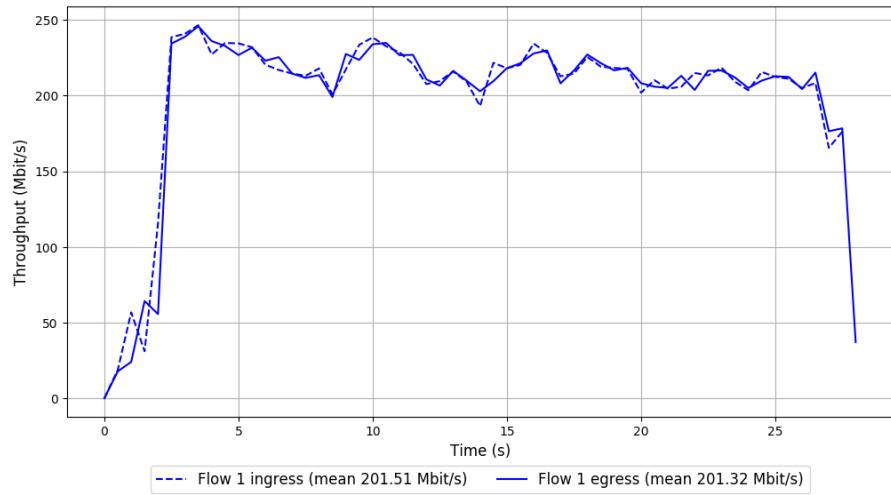
Run 4: Statistics of TaoVA-100x

Start at: 2017-09-21 22:09:43

End at: 2017-09-21 22:10:13

```
# Below is generated by plot.py at 2017-09-22 00:08:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 201.32 Mbit/s
95th percentile per-packet one-way delay: 136.057 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 201.32 Mbit/s
95th percentile per-packet one-way delay: 136.057 ms
Loss rate: 0.10%
```

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

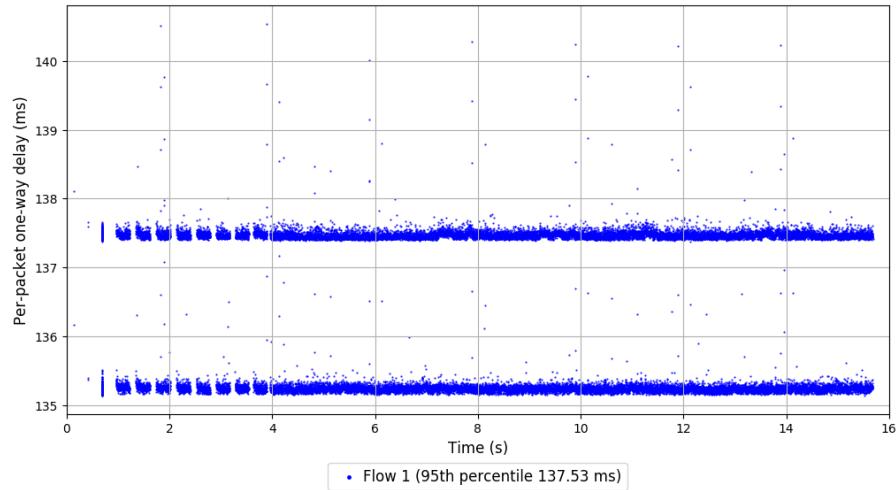
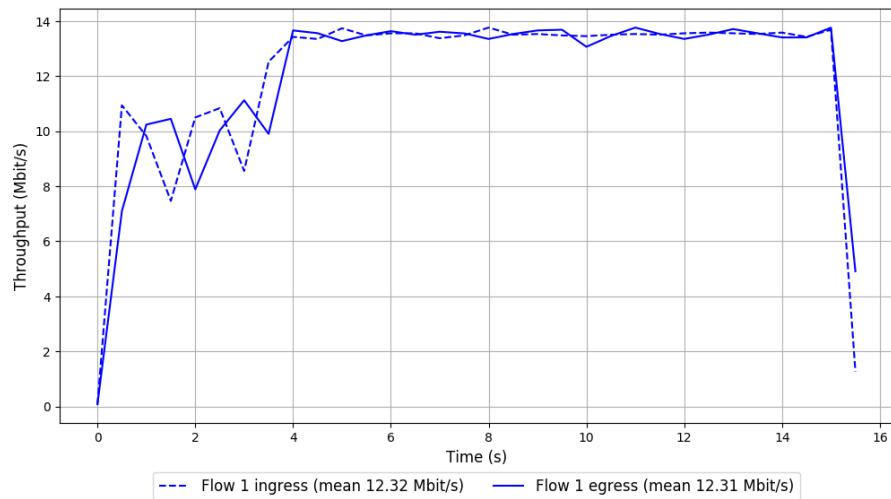


Run 5: Statistics of TaoVA-100x

Start at: 2017-09-21 22:21:21

End at: 2017-09-21 22:21:51

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

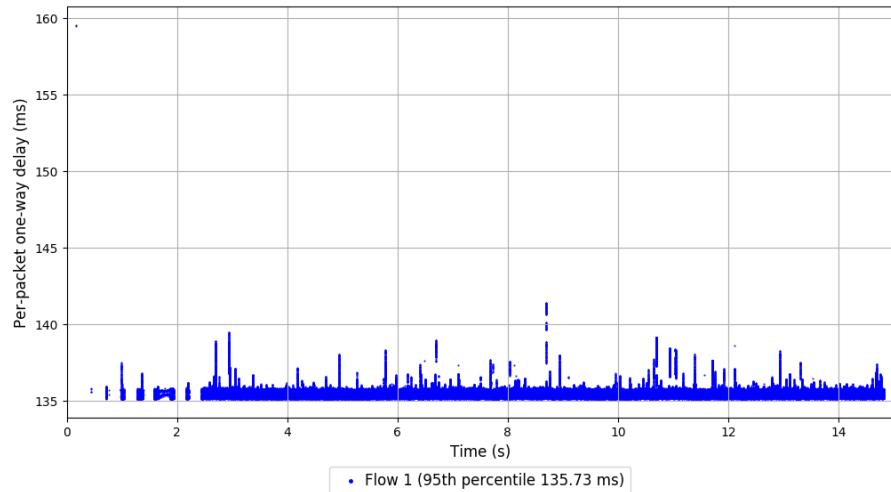
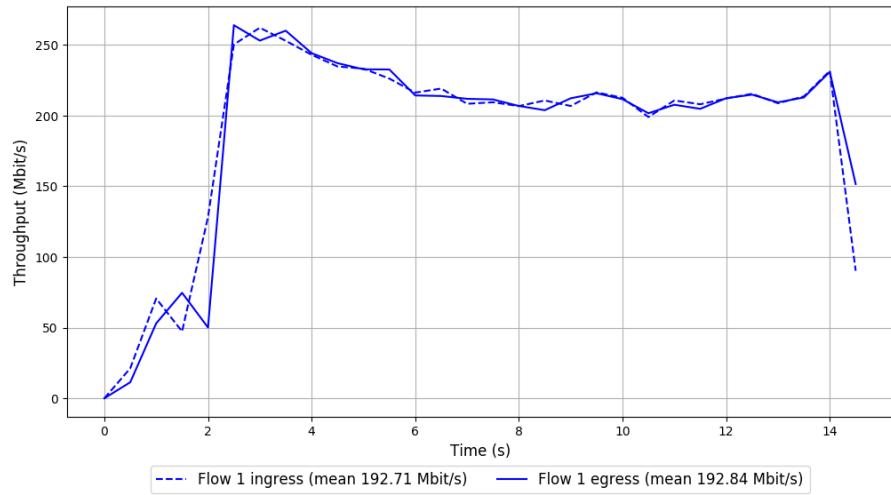


Run 6: Statistics of TaoVA-100x

Start at: 2017-09-21 22:32:11

End at: 2017-09-21 22:32:41

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



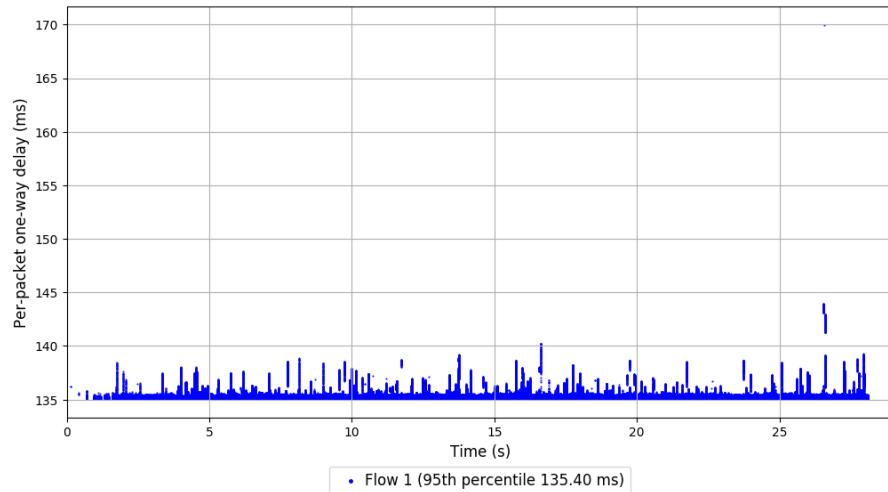
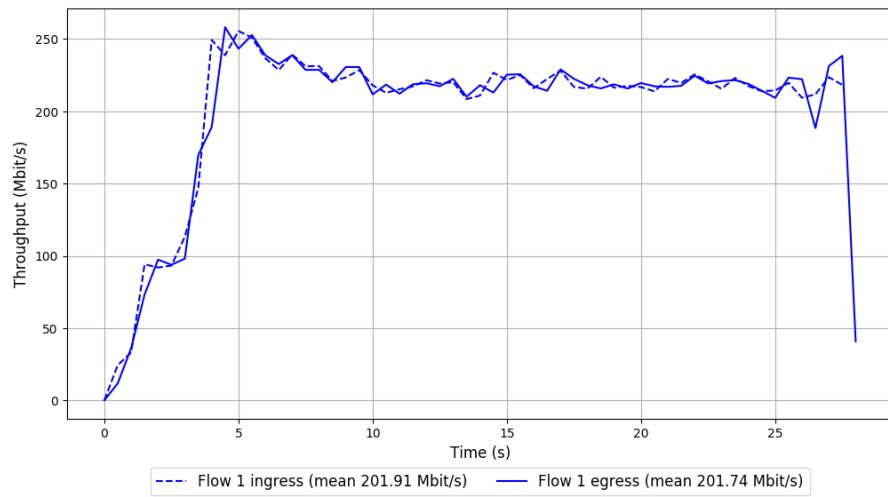
Run 7: Statistics of TaoVA-100x

Start at: 2017-09-21 22:43:15

End at: 2017-09-21 22:43:45

```
# Below is generated by plot.py at 2017-09-22 00:09:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 201.74 Mbit/s
95th percentile per-packet one-way delay: 135.396 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 201.74 Mbit/s
95th percentile per-packet one-way delay: 135.396 ms
Loss rate: 0.09%
```

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



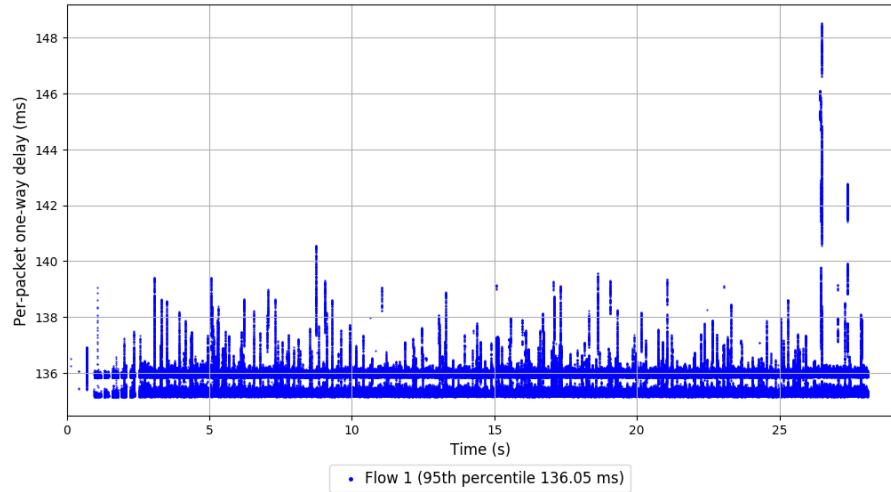
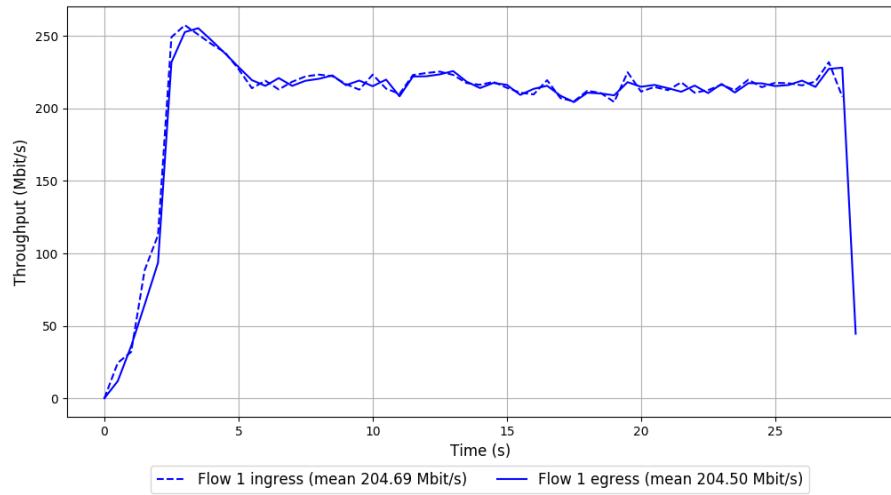
Run 8: Statistics of TaoVA-100x

Start at: 2017-09-21 22:54:42

End at: 2017-09-21 22:55:12

```
# Below is generated by plot.py at 2017-09-22 00:10:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 204.50 Mbit/s
95th percentile per-packet one-way delay: 136.054 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 204.50 Mbit/s
95th percentile per-packet one-way delay: 136.054 ms
Loss rate: 0.10%
```

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



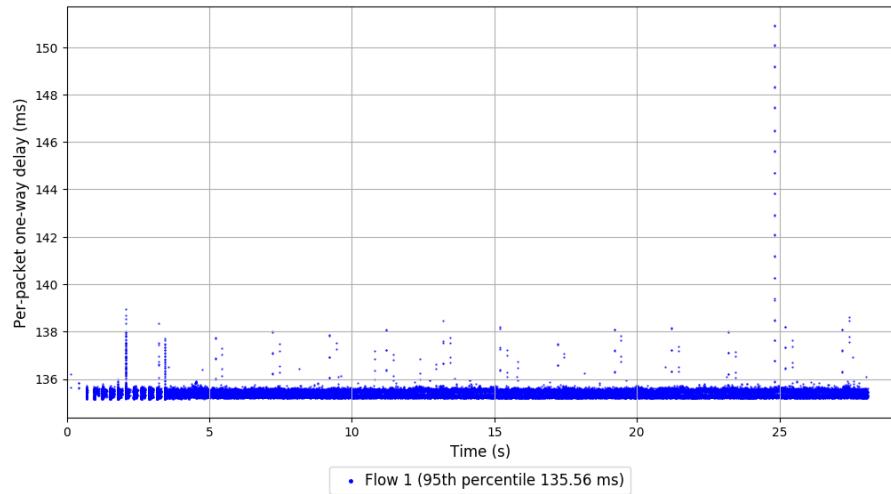
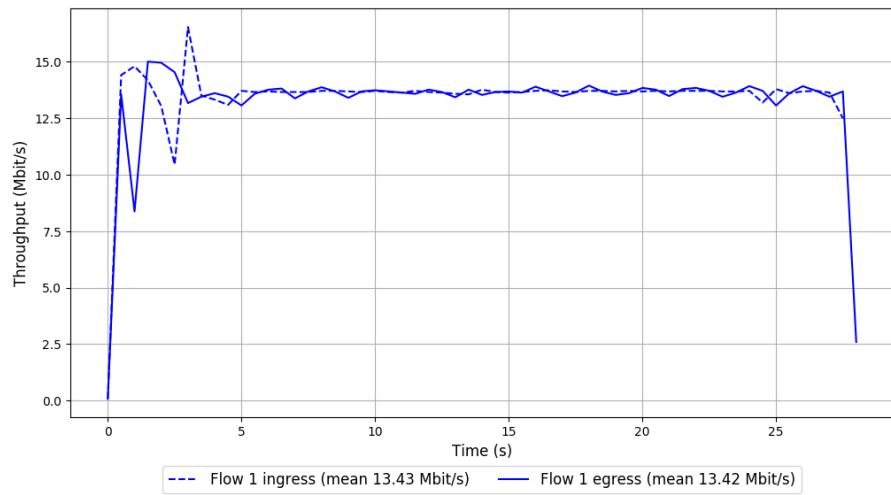
Run 9: Statistics of TaoVA-100x

Start at: 2017-09-21 23:06:00

End at: 2017-09-21 23:06:30

```
# Below is generated by plot.py at 2017-09-22 00:10:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.42 Mbit/s
95th percentile per-packet one-way delay: 135.565 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 13.42 Mbit/s
95th percentile per-packet one-way delay: 135.565 ms
Loss rate: 0.07%
```

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



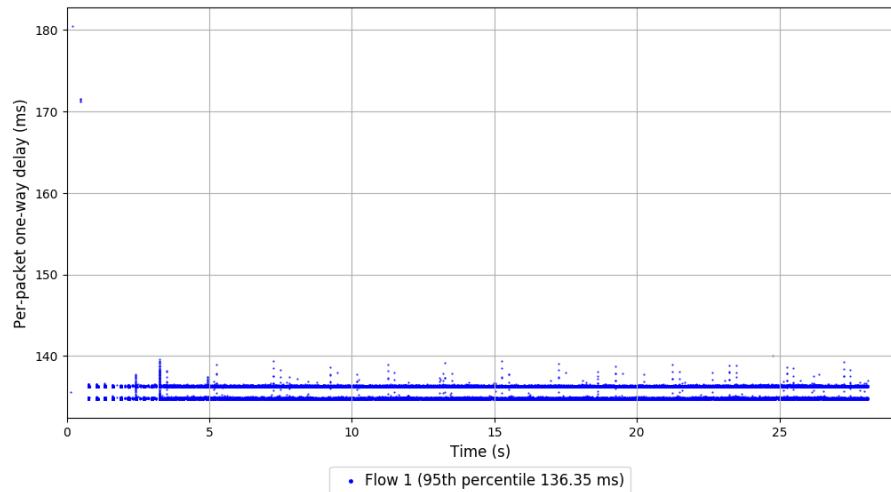
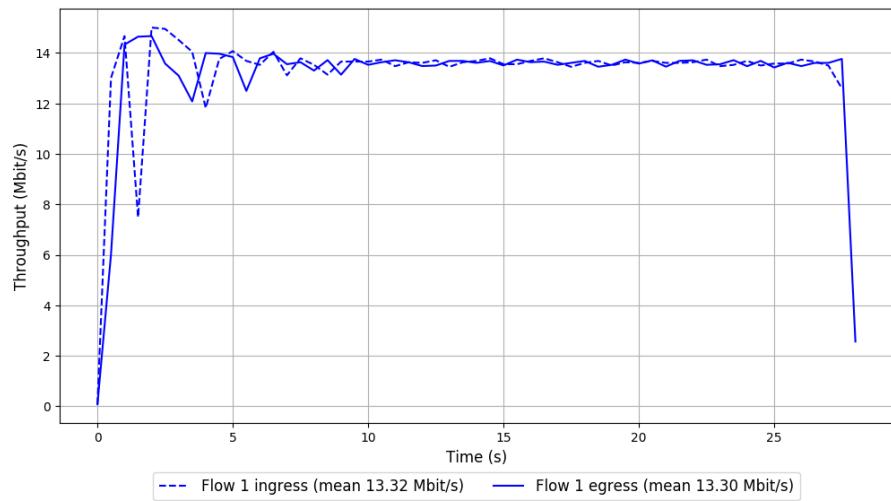
Run 10: Statistics of TaoVA-100x

Start at: 2017-09-21 23:16:34

End at: 2017-09-21 23:17:04

```
# Below is generated by plot.py at 2017-09-22 00:10:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.30 Mbit/s
95th percentile per-packet one-way delay: 136.352 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 13.30 Mbit/s
95th percentile per-packet one-way delay: 136.352 ms
Loss rate: 0.10%
```

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



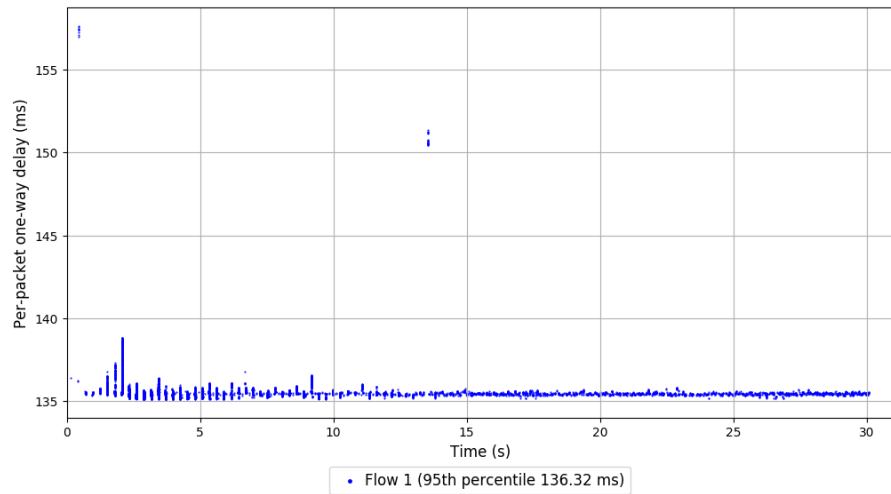
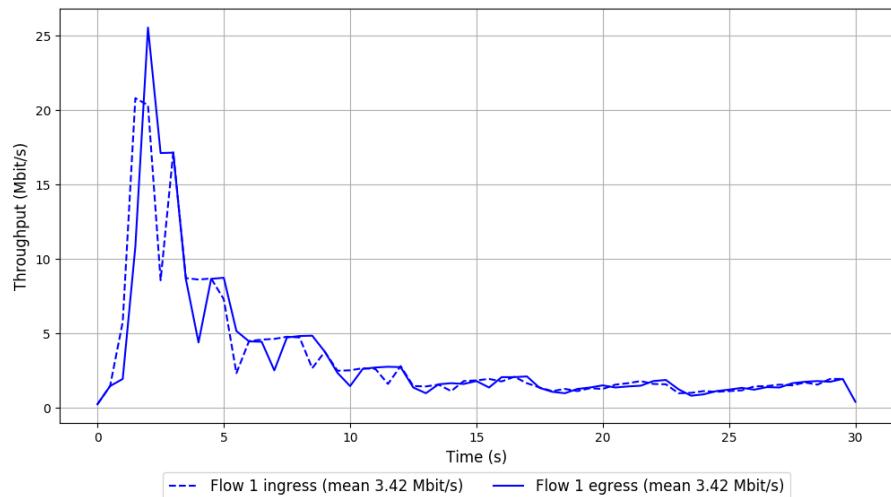
Run 1: Statistics of TCP Vegas

Start at: 2017-09-21 21:33:29

End at: 2017-09-21 21:33:59

```
# Below is generated by plot.py at 2017-09-22 00:10:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.42 Mbit/s
95th percentile per-packet one-way delay: 136.322 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 3.42 Mbit/s
95th percentile per-packet one-way delay: 136.322 ms
Loss rate: 0.09%
```

Run 1: Report of TCP Vegas — Data Link



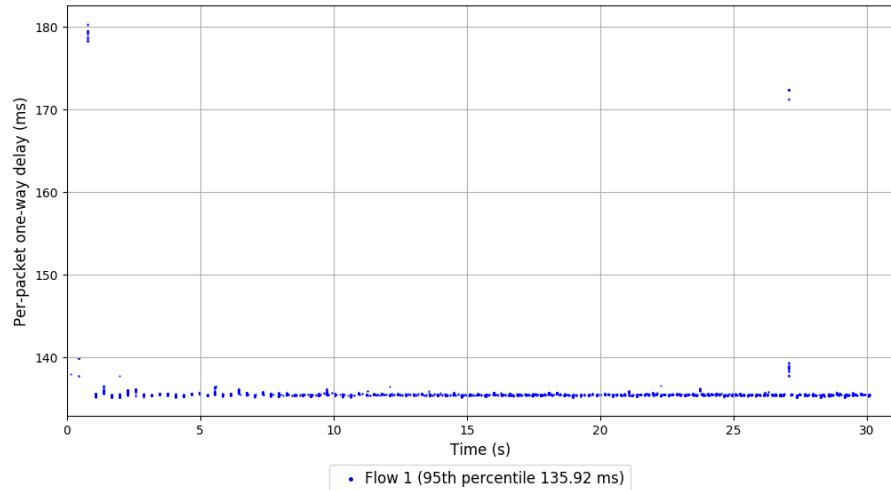
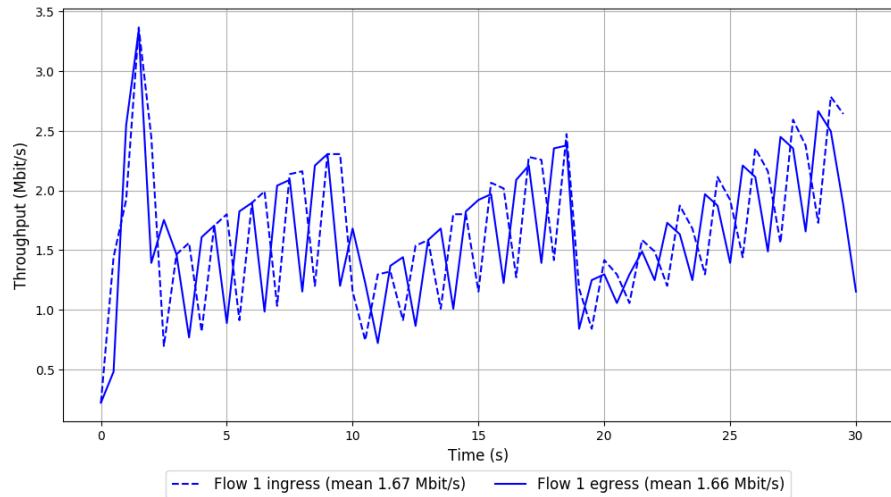
Run 2: Statistics of TCP Vegas

Start at: 2017-09-21 21:44:23

End at: 2017-09-21 21:44:53

```
# Below is generated by plot.py at 2017-09-22 00:10:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.66 Mbit/s
95th percentile per-packet one-way delay: 135.923 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 1.66 Mbit/s
95th percentile per-packet one-way delay: 135.923 ms
Loss rate: 0.48%
```

Run 2: Report of TCP Vegas — Data Link



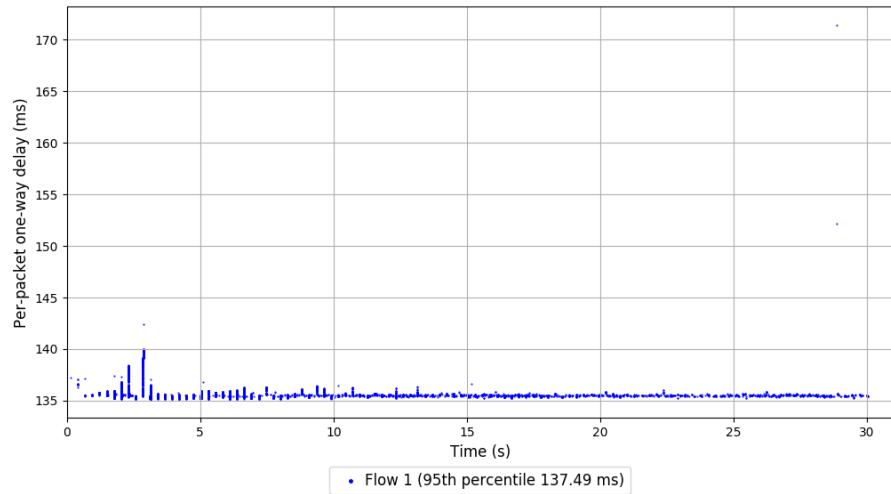
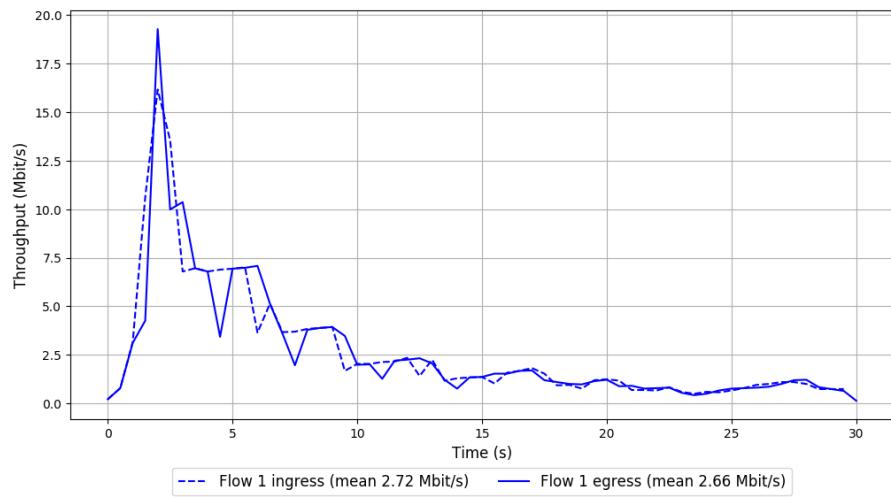
Run 3: Statistics of TCP Vegas

Start at: 2017-09-21 21:55:39

End at: 2017-09-21 21:56:09

```
# Below is generated by plot.py at 2017-09-22 00:10:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.66 Mbit/s
95th percentile per-packet one-way delay: 137.493 ms
Loss rate: 2.21%
-- Flow 1:
Average throughput: 2.66 Mbit/s
95th percentile per-packet one-way delay: 137.493 ms
Loss rate: 2.21%
```

Run 3: Report of TCP Vegas — Data Link



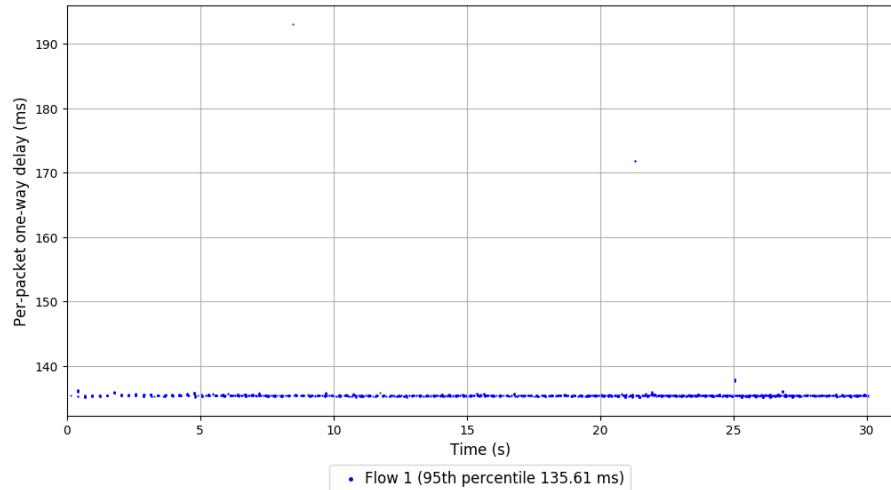
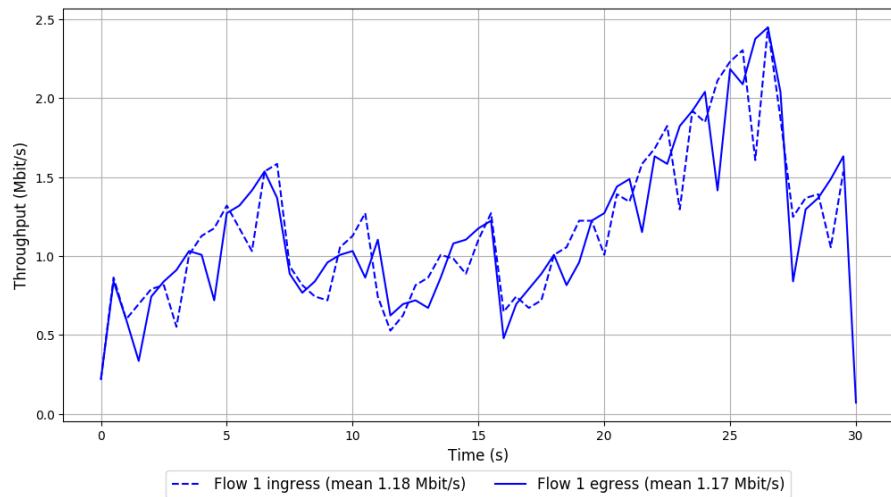
Run 4: Statistics of TCP Vegas

Start at: 2017-09-21 22:06:52

End at: 2017-09-21 22:07:22

```
# Below is generated by plot.py at 2017-09-22 00:10:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 135.612 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 135.612 ms
Loss rate: 0.17%
```

Run 4: Report of TCP Vegas — Data Link



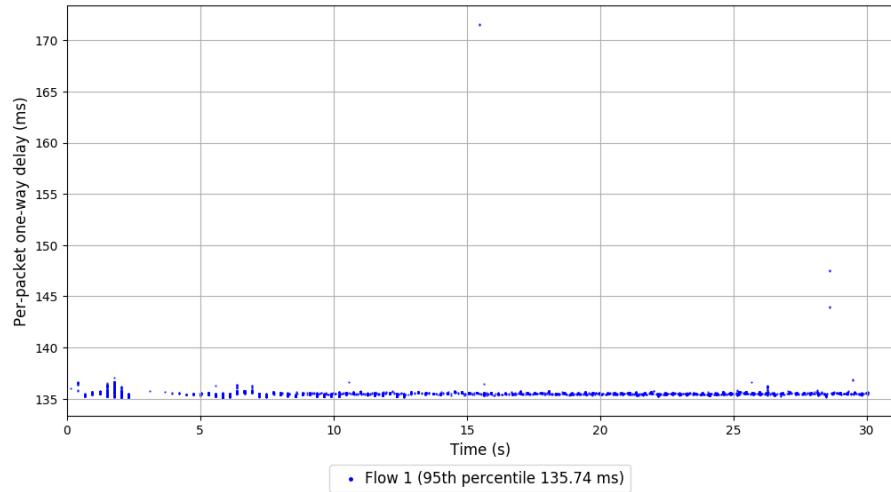
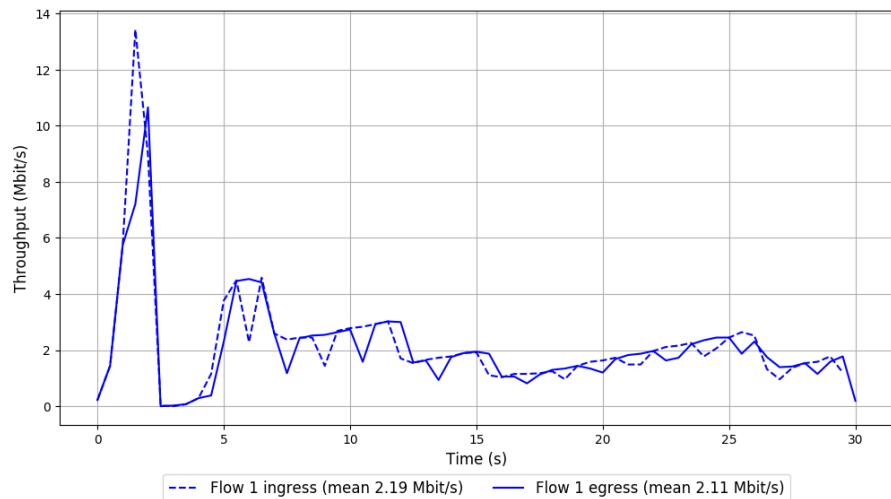
Run 5: Statistics of TCP Vegas

Start at: 2017-09-21 22:18:30

End at: 2017-09-21 22:19:00

```
# Below is generated by plot.py at 2017-09-22 00:10:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.11 Mbit/s
95th percentile per-packet one-way delay: 135.741 ms
Loss rate: 3.62%
-- Flow 1:
Average throughput: 2.11 Mbit/s
95th percentile per-packet one-way delay: 135.741 ms
Loss rate: 3.62%
```

Run 5: Report of TCP Vegas — Data Link



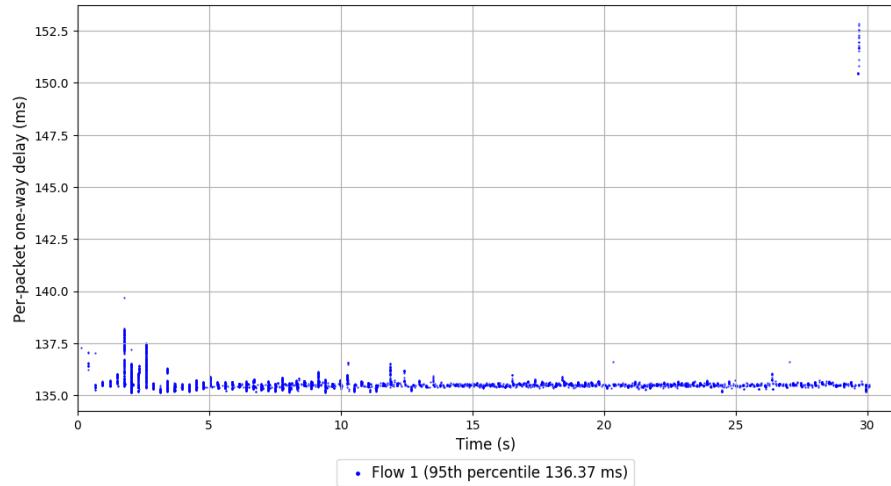
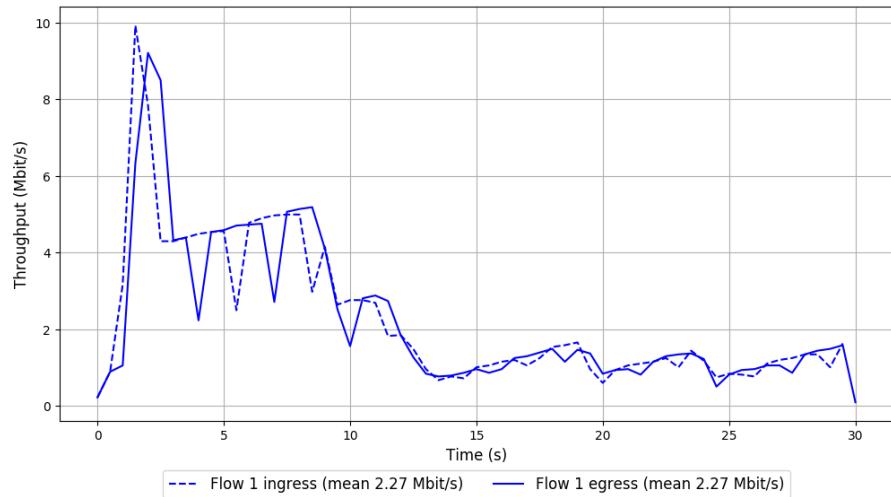
Run 6: Statistics of TCP Vegas

Start at: 2017-09-21 22:29:20

End at: 2017-09-21 22:29:50

```
# Below is generated by plot.py at 2017-09-22 00:10:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 136.371 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 136.371 ms
Loss rate: 0.30%
```

Run 6: Report of TCP Vegas — Data Link



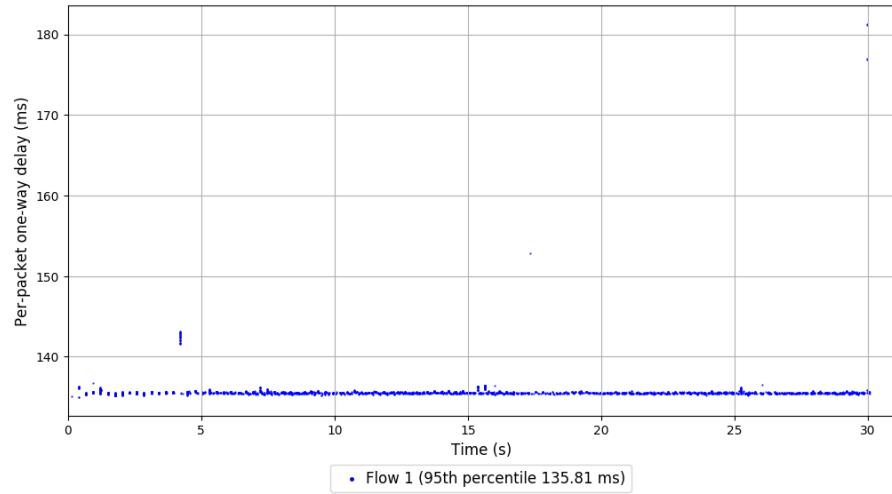
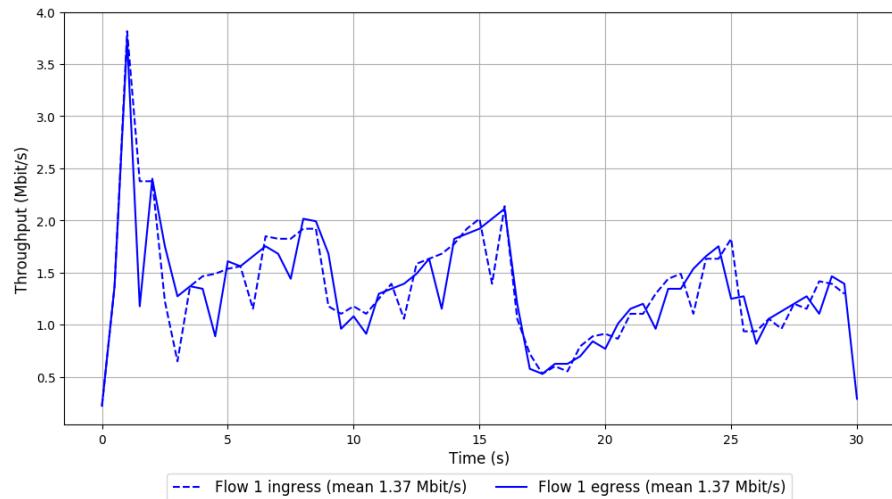
Run 7: Statistics of TCP Vegas

Start at: 2017-09-21 22:40:25

End at: 2017-09-21 22:40:55

```
# Below is generated by plot.py at 2017-09-22 00:10:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.37 Mbit/s
95th percentile per-packet one-way delay: 135.806 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 1.37 Mbit/s
95th percentile per-packet one-way delay: 135.806 ms
Loss rate: 0.29%
```

Run 7: Report of TCP Vegas — Data Link



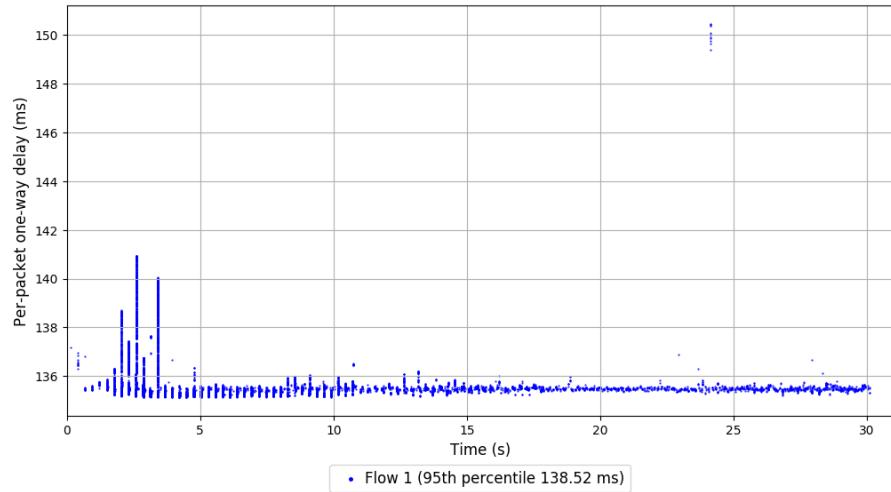
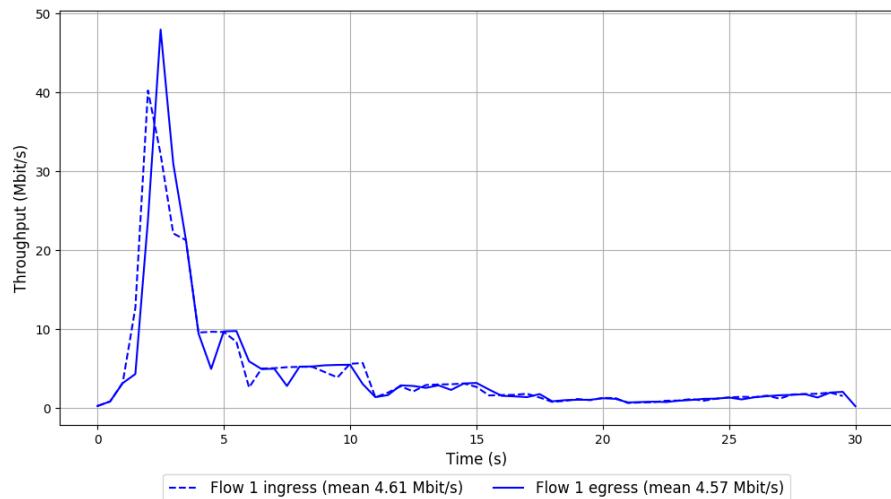
Run 8: Statistics of TCP Vegas

Start at: 2017-09-21 22:51:50

End at: 2017-09-21 22:52:20

```
# Below is generated by plot.py at 2017-09-22 00:10:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.57 Mbit/s
95th percentile per-packet one-way delay: 138.524 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 4.57 Mbit/s
95th percentile per-packet one-way delay: 138.524 ms
Loss rate: 0.85%
```

Run 8: Report of TCP Vegas — Data Link



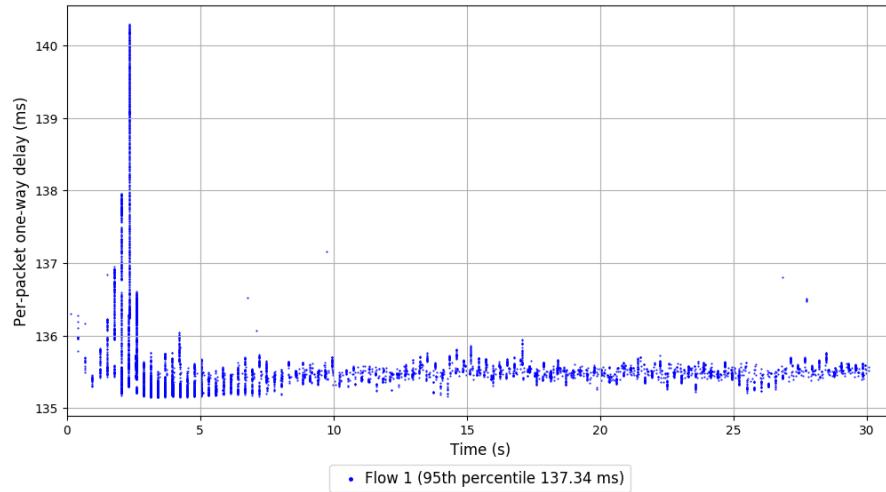
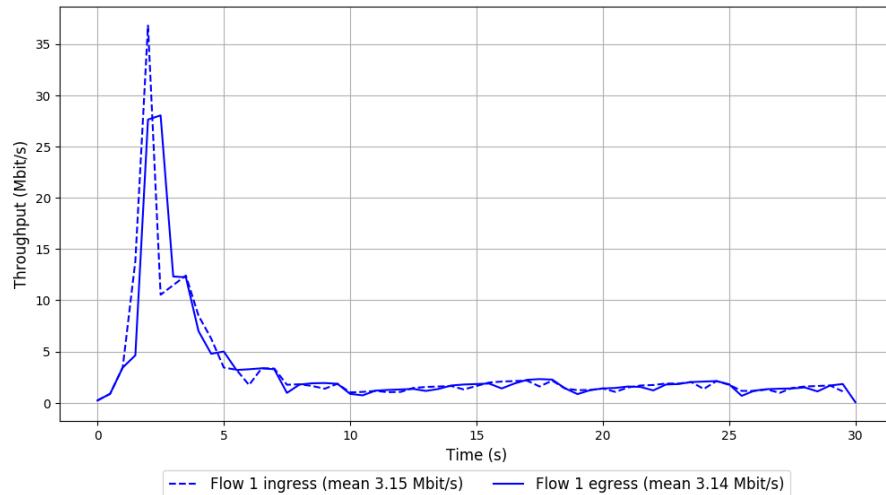
Run 9: Statistics of TCP Vegas

Start at: 2017-09-21 23:03:09

End at: 2017-09-21 23:03:39

```
# Below is generated by plot.py at 2017-09-22 00:10:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.14 Mbit/s
95th percentile per-packet one-way delay: 137.337 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 3.14 Mbit/s
95th percentile per-packet one-way delay: 137.337 ms
Loss rate: 0.11%
```

Run 9: Report of TCP Vegas — Data Link



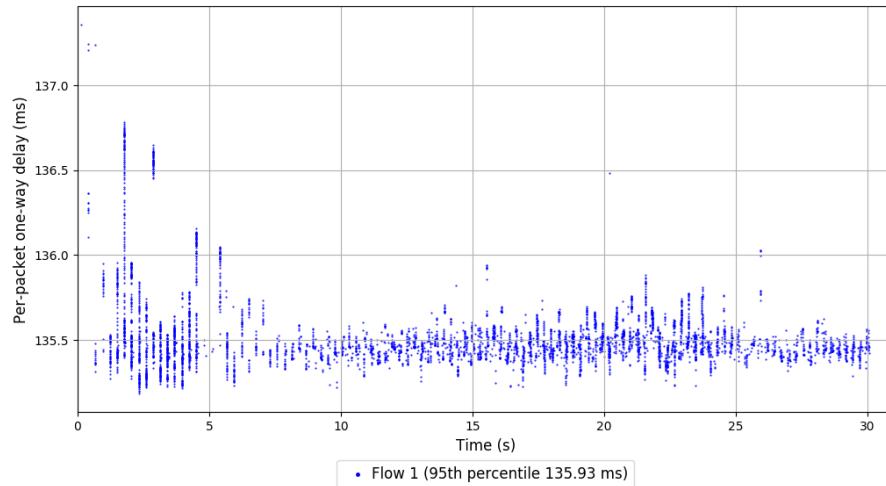
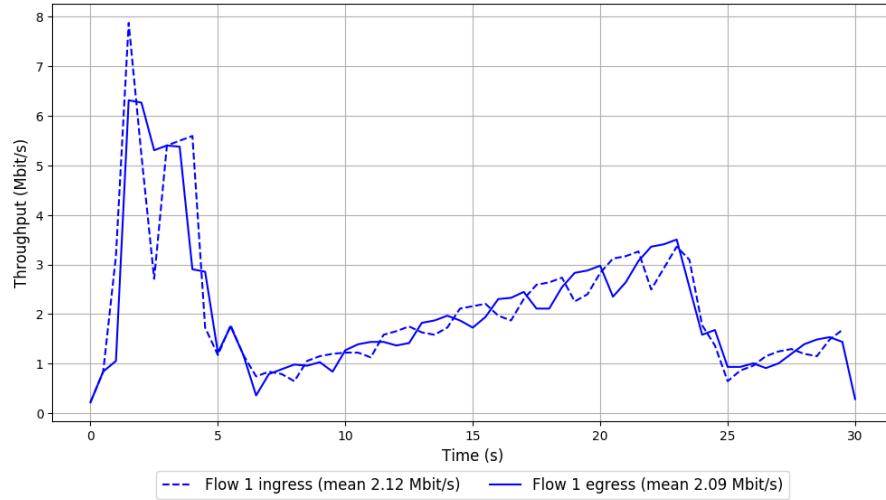
Run 10: Statistics of TCP Vegas

Start at: 2017-09-21 23:13:43

End at: 2017-09-21 23:14:13

```
# Below is generated by plot.py at 2017-09-22 00:10:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.09 Mbit/s
95th percentile per-packet one-way delay: 135.928 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 2.09 Mbit/s
95th percentile per-packet one-way delay: 135.928 ms
Loss rate: 1.38%
```

Run 10: Report of TCP Vegas — Data Link



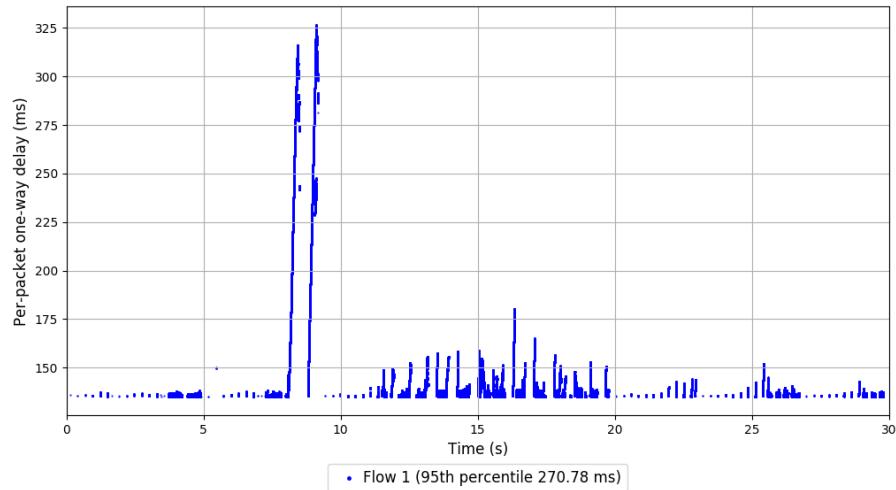
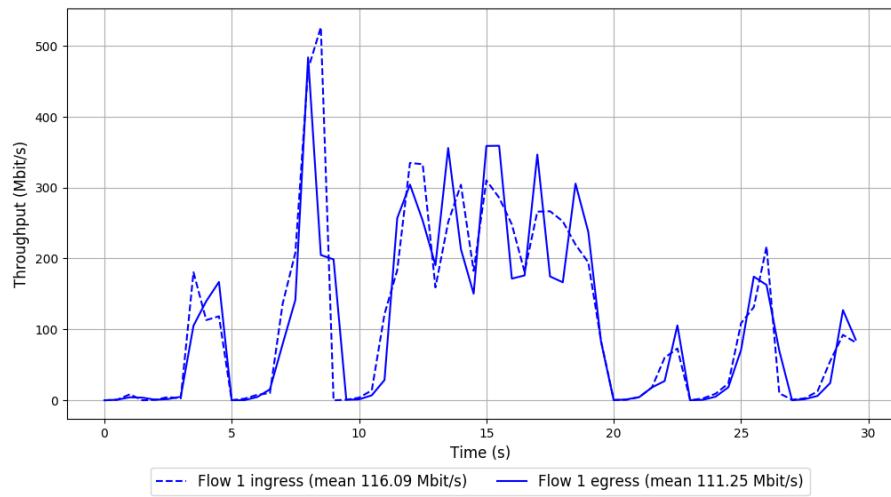
Run 1: Statistics of Verus

Start at: 2017-09-21 21:39:30

End at: 2017-09-21 21:40:00

```
# Below is generated by plot.py at 2017-09-22 00:10:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 111.25 Mbit/s
95th percentile per-packet one-way delay: 270.777 ms
Loss rate: 4.16%
-- Flow 1:
Average throughput: 111.25 Mbit/s
95th percentile per-packet one-way delay: 270.777 ms
Loss rate: 4.16%
```

Run 1: Report of Verus — Data Link



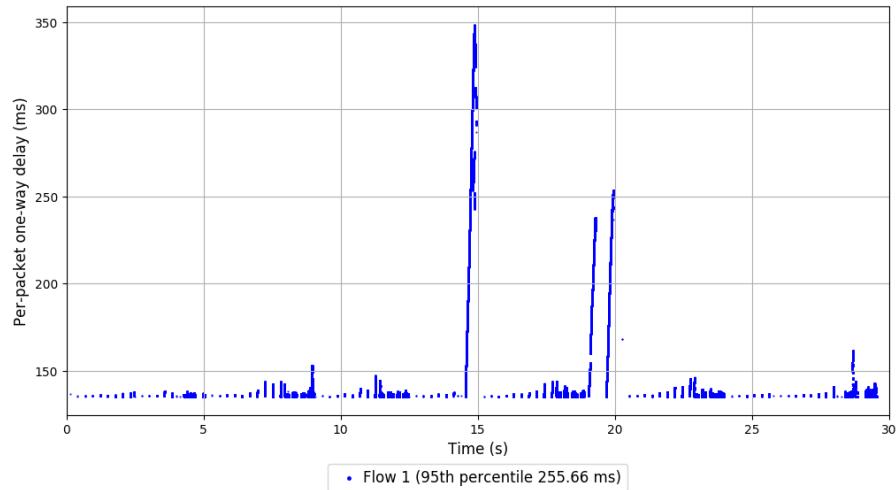
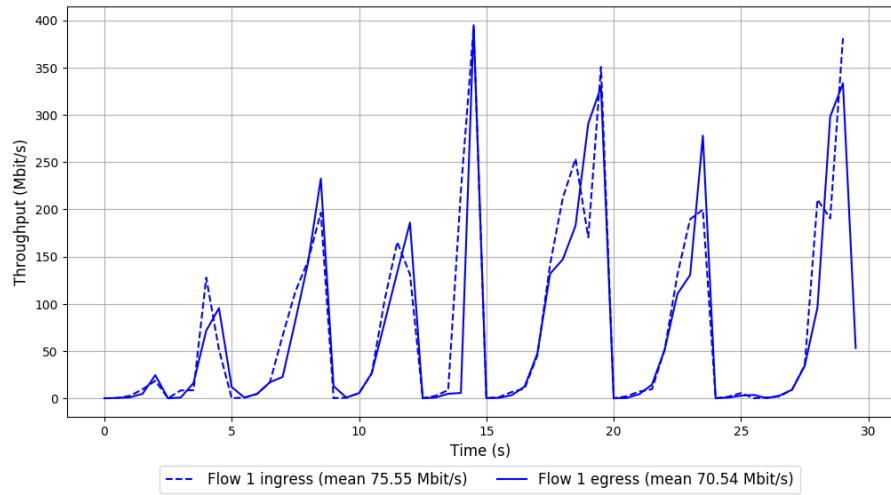
Run 2: Statistics of Verus

Start at: 2017-09-21 21:50:48

End at: 2017-09-21 21:51:18

```
# Below is generated by plot.py at 2017-09-22 00:10:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.54 Mbit/s
95th percentile per-packet one-way delay: 255.660 ms
Loss rate: 6.64%
-- Flow 1:
Average throughput: 70.54 Mbit/s
95th percentile per-packet one-way delay: 255.660 ms
Loss rate: 6.64%
```

Run 2: Report of Verus — Data Link



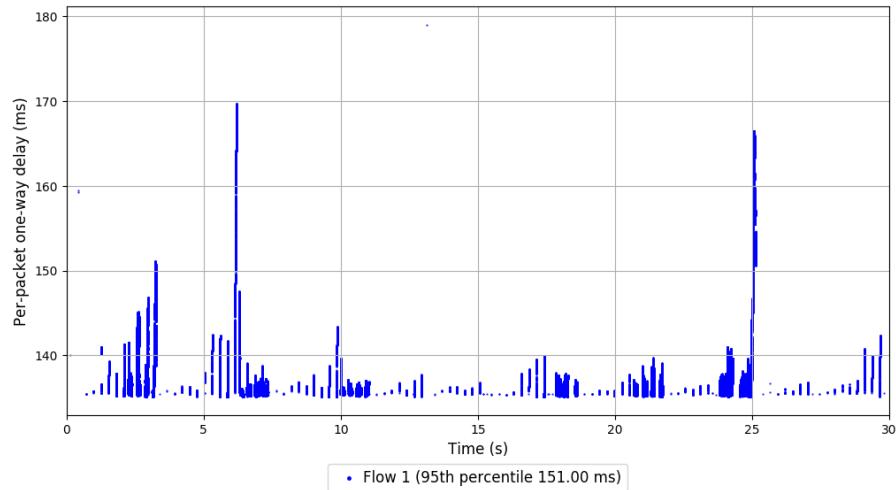
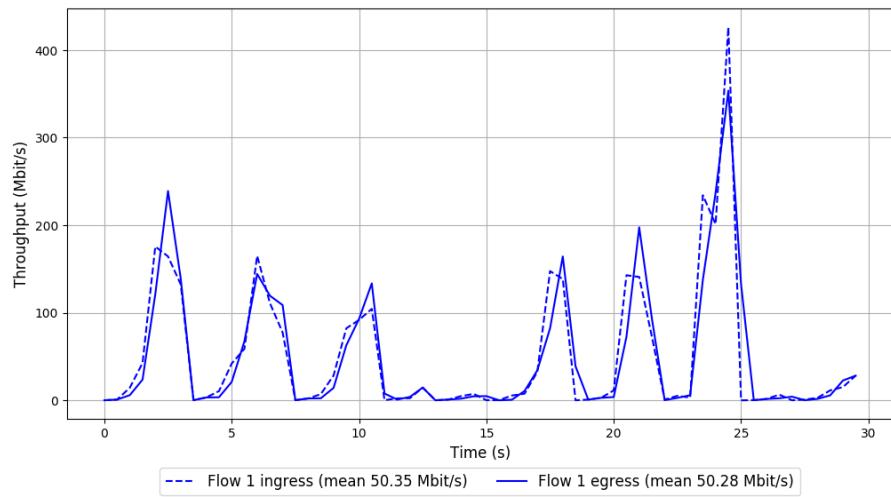
Run 3: Statistics of Verus

Start at: 2017-09-21 22:01:59

End at: 2017-09-21 22:02:30

```
# Below is generated by plot.py at 2017-09-22 00:10:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.28 Mbit/s
95th percentile per-packet one-way delay: 150.997 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 50.28 Mbit/s
95th percentile per-packet one-way delay: 150.997 ms
Loss rate: 0.16%
```

Run 3: Report of Verus — Data Link



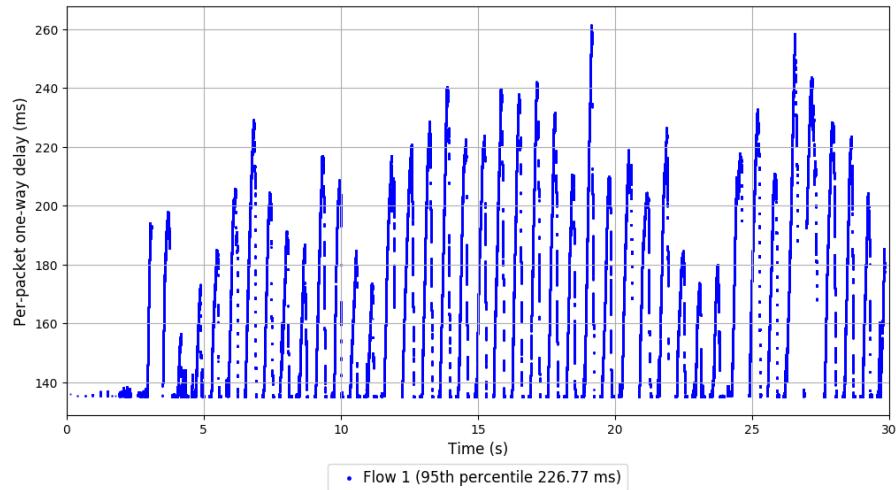
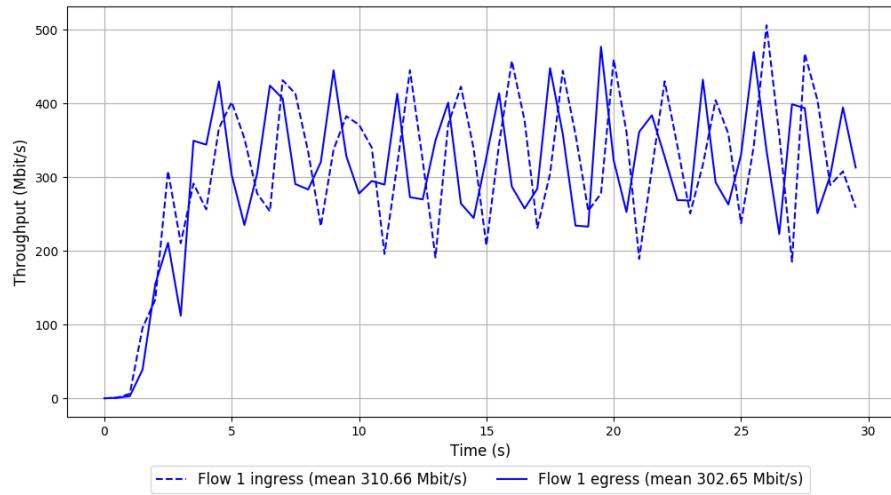
Run 4: Statistics of Verus

Start at: 2017-09-21 22:13:17

End at: 2017-09-21 22:13:47

```
# Below is generated by plot.py at 2017-09-22 00:11:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 302.65 Mbit/s
95th percentile per-packet one-way delay: 226.767 ms
Loss rate: 2.57%
-- Flow 1:
Average throughput: 302.65 Mbit/s
95th percentile per-packet one-way delay: 226.767 ms
Loss rate: 2.57%
```

Run 4: Report of Verus — Data Link



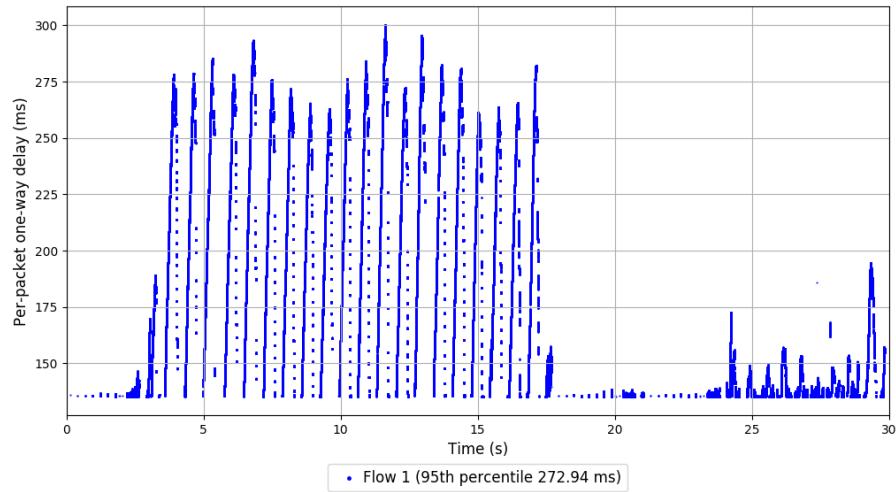
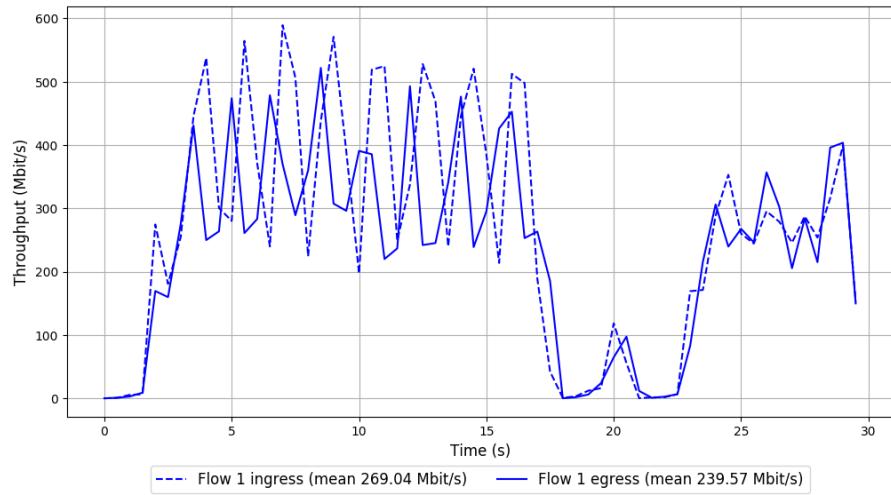
Run 5: Statistics of Verus

Start at: 2017-09-21 22:24:12

End at: 2017-09-21 22:24:42

```
# Below is generated by plot.py at 2017-09-22 00:11:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 239.57 Mbit/s
95th percentile per-packet one-way delay: 272.945 ms
Loss rate: 10.94%
-- Flow 1:
Average throughput: 239.57 Mbit/s
95th percentile per-packet one-way delay: 272.945 ms
Loss rate: 10.94%
```

Run 5: Report of Verus — Data Link



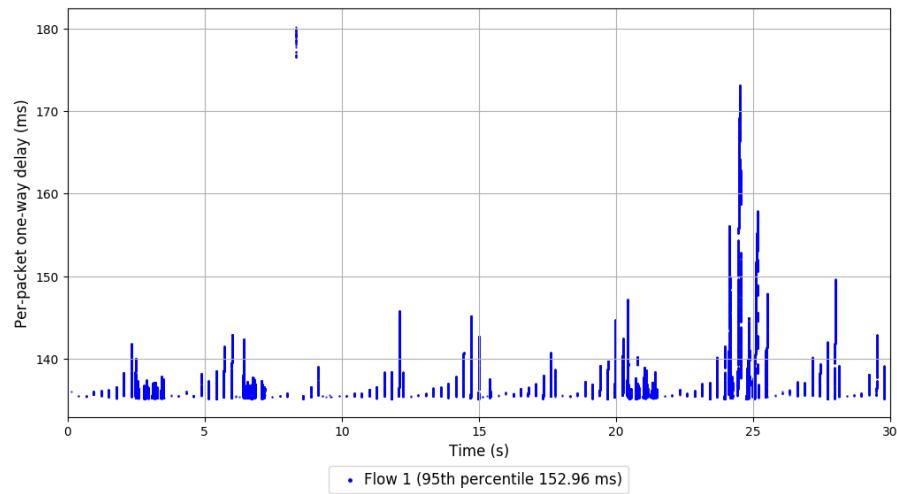
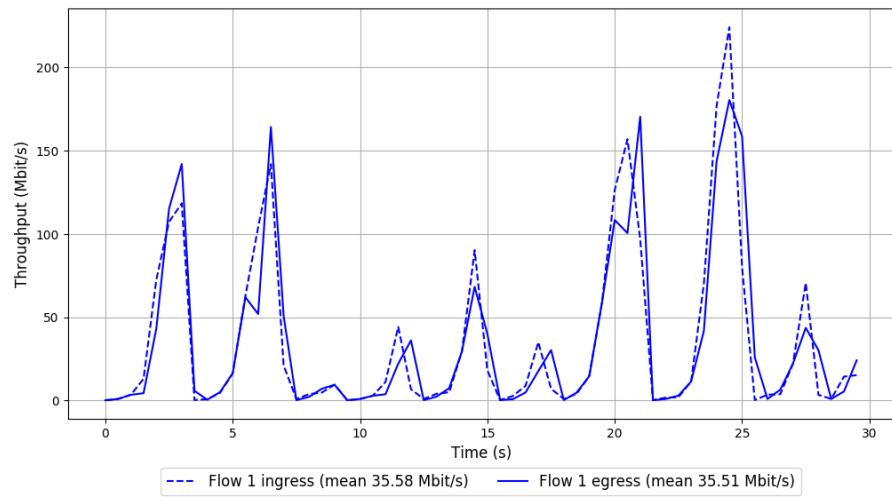
Run 6: Statistics of Verus

Start at: 2017-09-21 22:35:34

End at: 2017-09-21 22:36:04

```
# Below is generated by plot.py at 2017-09-22 00:11:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.51 Mbit/s
95th percentile per-packet one-way delay: 152.964 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 35.51 Mbit/s
95th percentile per-packet one-way delay: 152.964 ms
Loss rate: 0.18%
```

Run 6: Report of Verus — Data Link



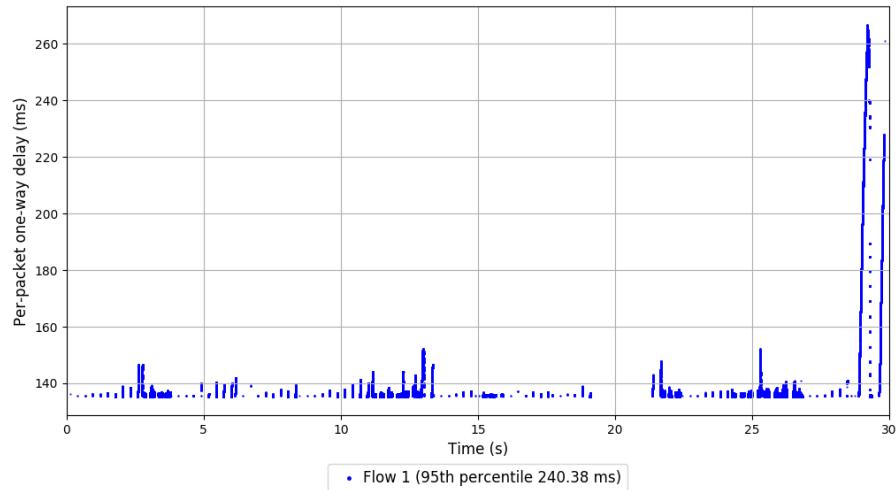
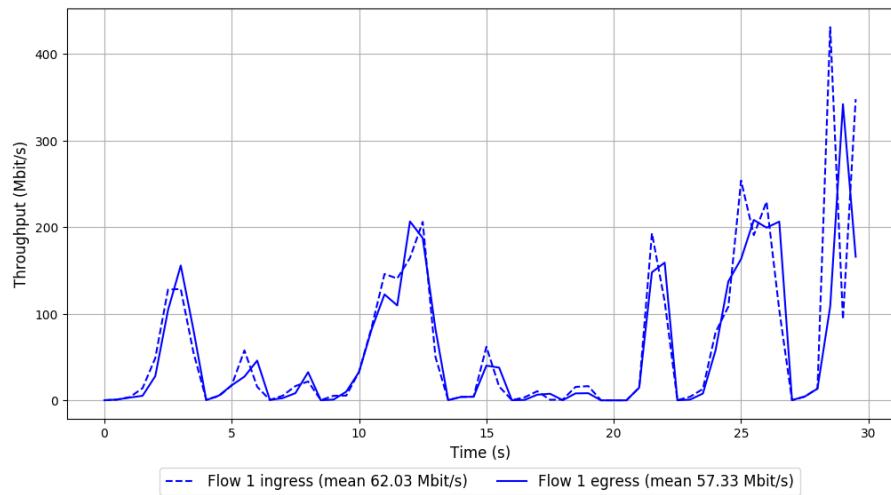
Run 7: Statistics of Verus

Start at: 2017-09-21 22:46:54

End at: 2017-09-21 22:47:24

```
# Below is generated by plot.py at 2017-09-22 00:11:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.33 Mbit/s
95th percentile per-packet one-way delay: 240.382 ms
Loss rate: 7.50%
-- Flow 1:
Average throughput: 57.33 Mbit/s
95th percentile per-packet one-way delay: 240.382 ms
Loss rate: 7.50%
```

Run 7: Report of Verus — Data Link



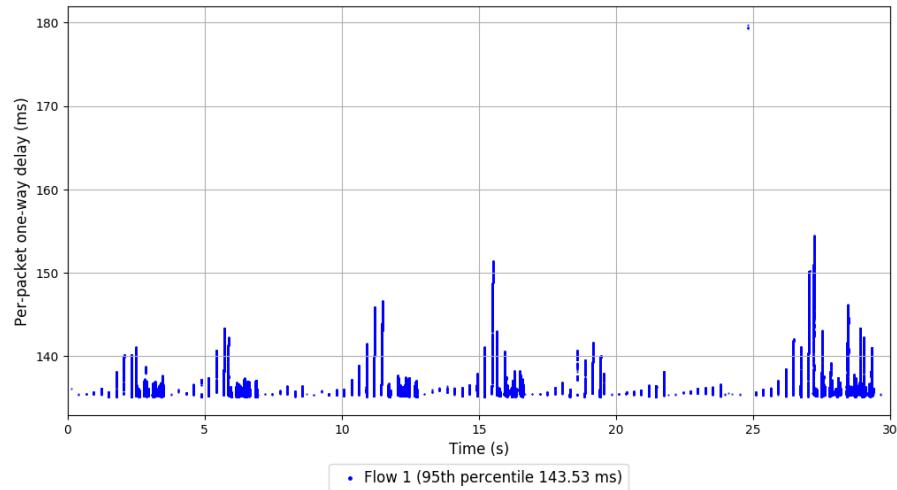
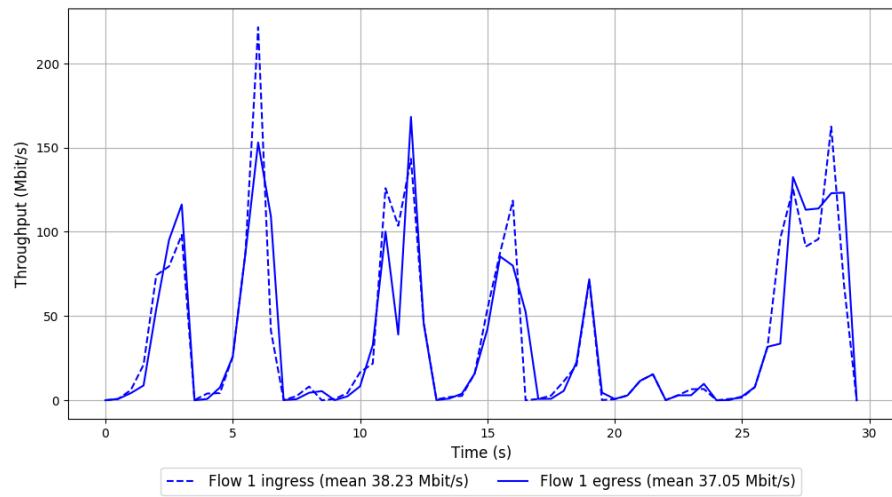
Run 8: Statistics of Verus

Start at: 2017-09-21 22:58:21

End at: 2017-09-21 22:58:51

```
# Below is generated by plot.py at 2017-09-22 00:11:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.05 Mbit/s
95th percentile per-packet one-way delay: 143.527 ms
Loss rate: 3.08%
-- Flow 1:
Average throughput: 37.05 Mbit/s
95th percentile per-packet one-way delay: 143.527 ms
Loss rate: 3.08%
```

Run 8: Report of Verus — Data Link



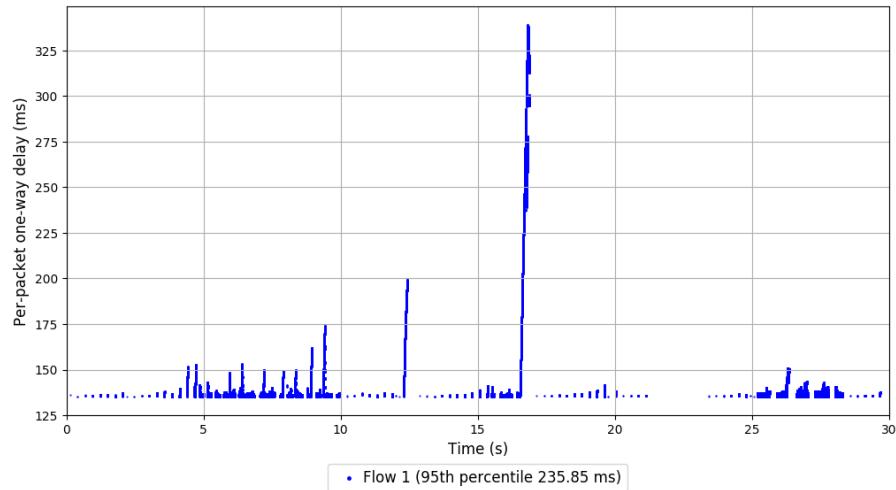
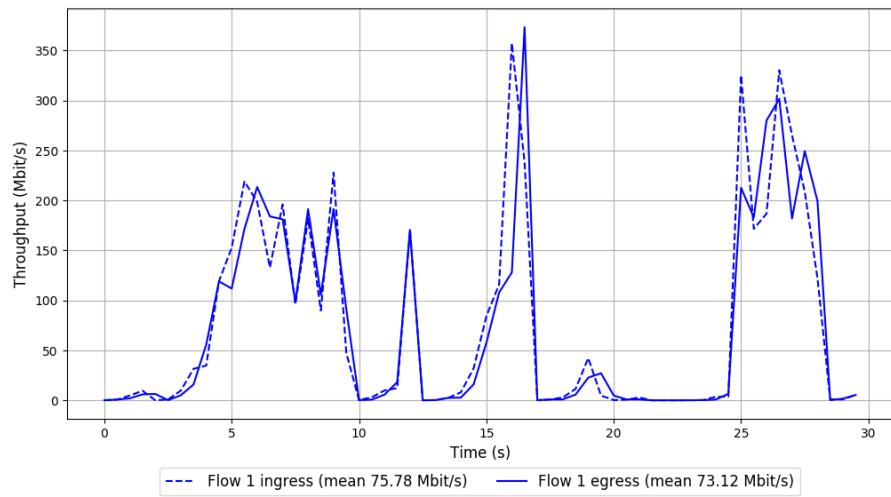
Run 9: Statistics of Verus

Start at: 2017-09-21 23:08:52

End at: 2017-09-21 23:09:22

```
# Below is generated by plot.py at 2017-09-22 00:11:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.12 Mbit/s
95th percentile per-packet one-way delay: 235.848 ms
Loss rate: 3.51%
-- Flow 1:
Average throughput: 73.12 Mbit/s
95th percentile per-packet one-way delay: 235.848 ms
Loss rate: 3.51%
```

Run 9: Report of Verus — Data Link



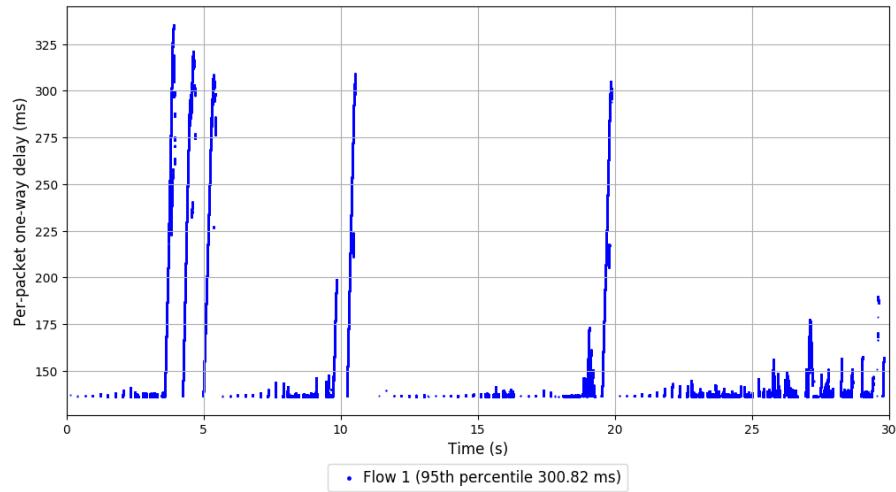
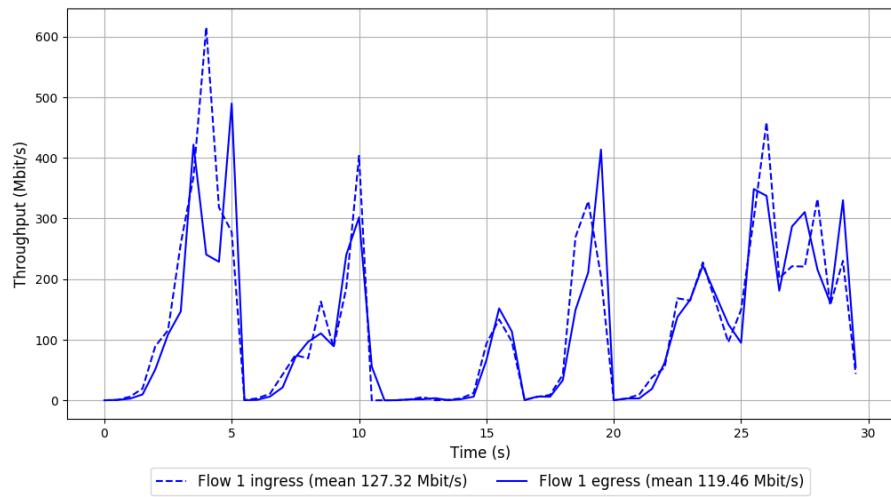
Run 10: Statistics of Verus

Start at: 2017-09-21 23:19:27

End at: 2017-09-21 23:19:57

```
# Below is generated by plot.py at 2017-09-22 00:11:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 119.46 Mbit/s
95th percentile per-packet one-way delay: 300.819 ms
Loss rate: 6.10%
-- Flow 1:
Average throughput: 119.46 Mbit/s
95th percentile per-packet one-way delay: 300.819 ms
Loss rate: 6.10%
```

Run 10: Report of Verus — Data Link



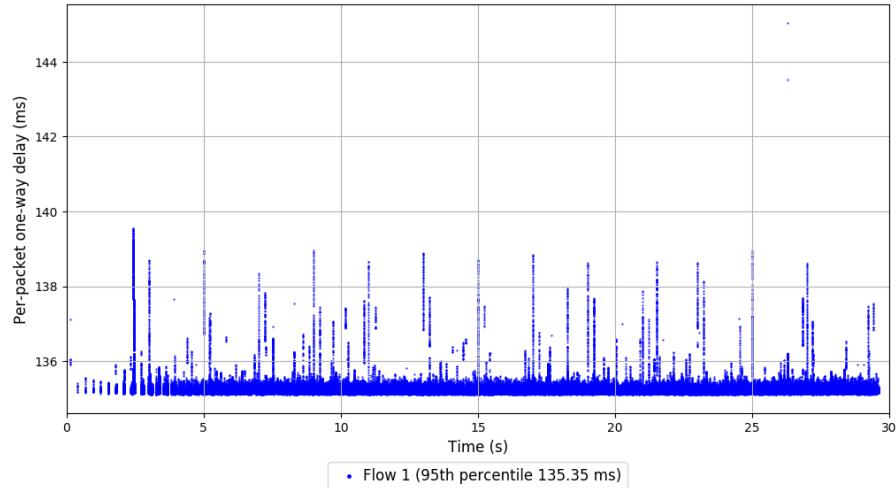
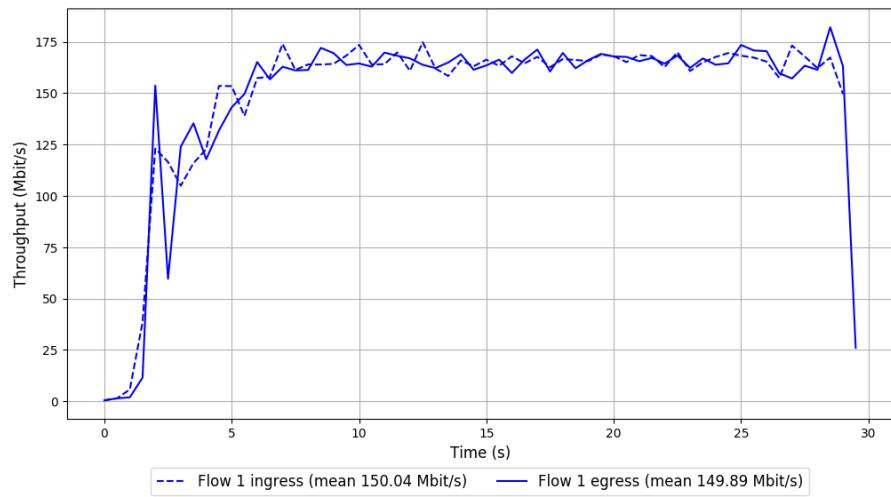
Run 1: Statistics of Indigo

Start at: 2017-09-21 21:32:34

End at: 2017-09-21 21:33:04

```
# Below is generated by plot.py at 2017-09-22 00:11:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 149.89 Mbit/s
95th percentile per-packet one-way delay: 135.354 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 149.89 Mbit/s
95th percentile per-packet one-way delay: 135.354 ms
Loss rate: 0.10%
```

Run 1: Report of Indigo — Data Link



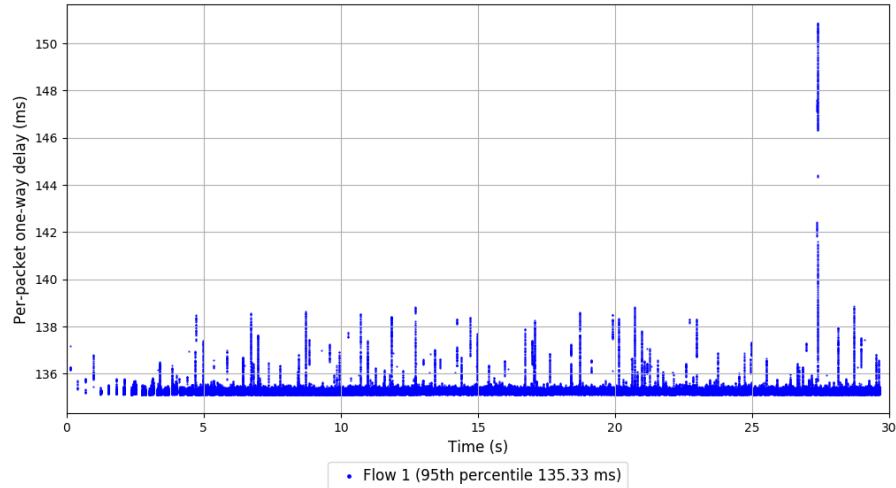
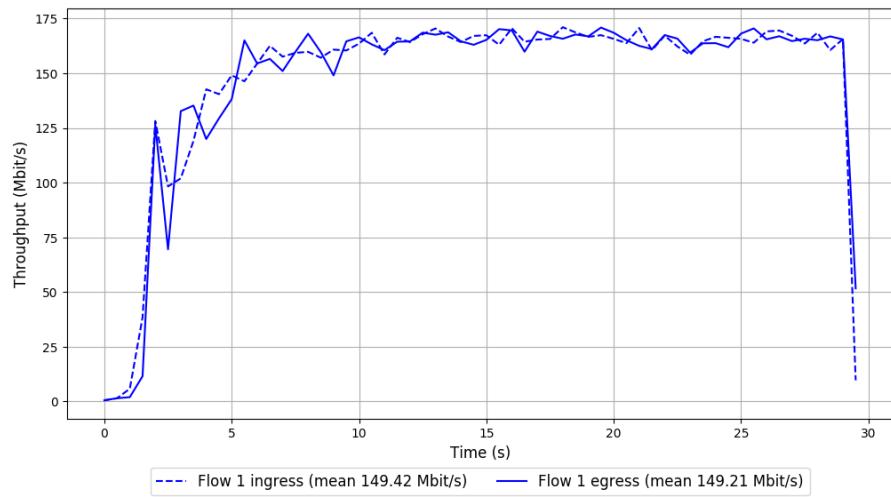
Run 2: Statistics of Indigo

Start at: 2017-09-21 21:43:28

End at: 2017-09-21 21:43:58

```
# Below is generated by plot.py at 2017-09-22 00:11:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 149.21 Mbit/s
95th percentile per-packet one-way delay: 135.327 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 149.21 Mbit/s
95th percentile per-packet one-way delay: 135.327 ms
Loss rate: 0.15%
```

Run 2: Report of Indigo — Data Link



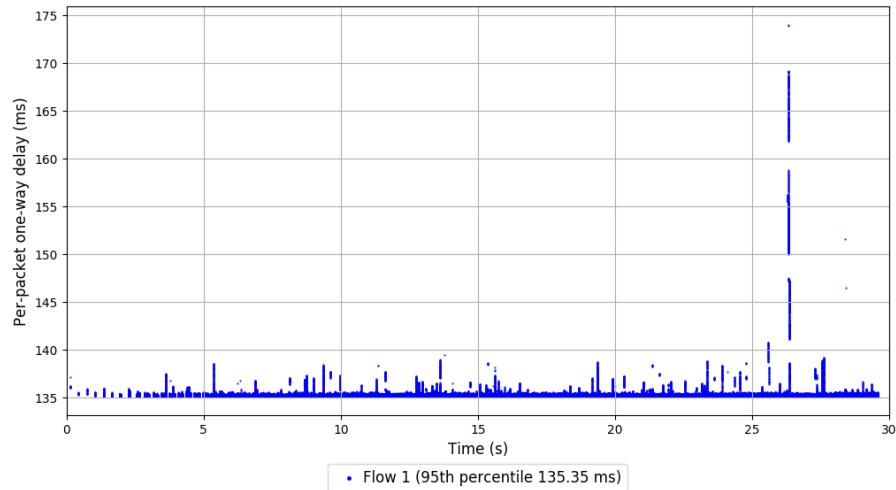
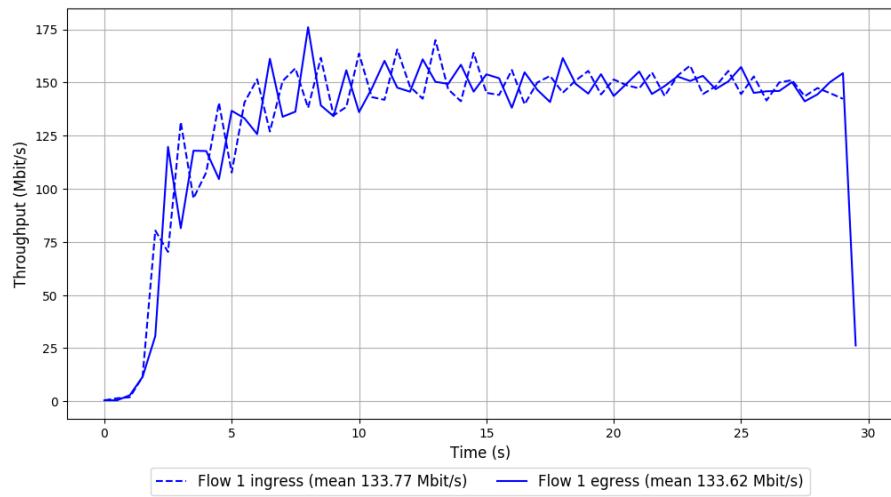
Run 3: Statistics of Indigo

Start at: 2017-09-21 21:54:45

End at: 2017-09-21 21:55:15

```
# Below is generated by plot.py at 2017-09-22 00:11:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 133.62 Mbit/s
95th percentile per-packet one-way delay: 135.346 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 133.62 Mbit/s
95th percentile per-packet one-way delay: 135.346 ms
Loss rate: 0.11%
```

Run 3: Report of Indigo — Data Link



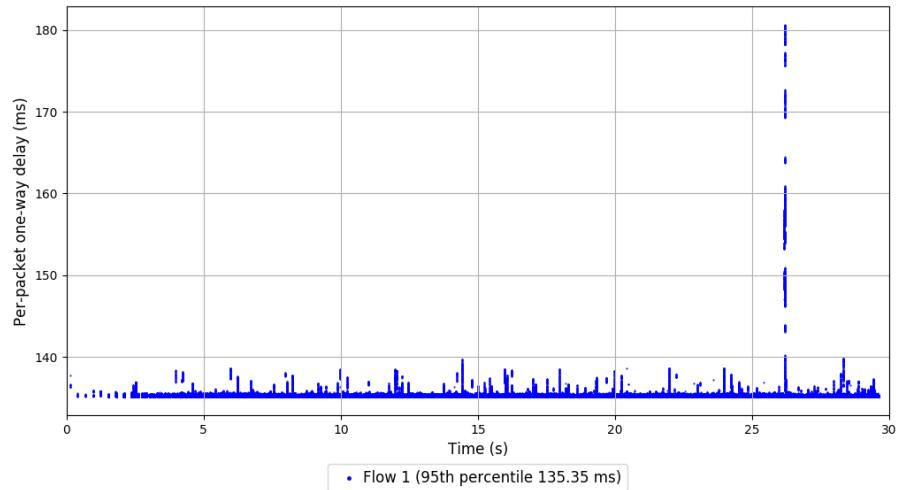
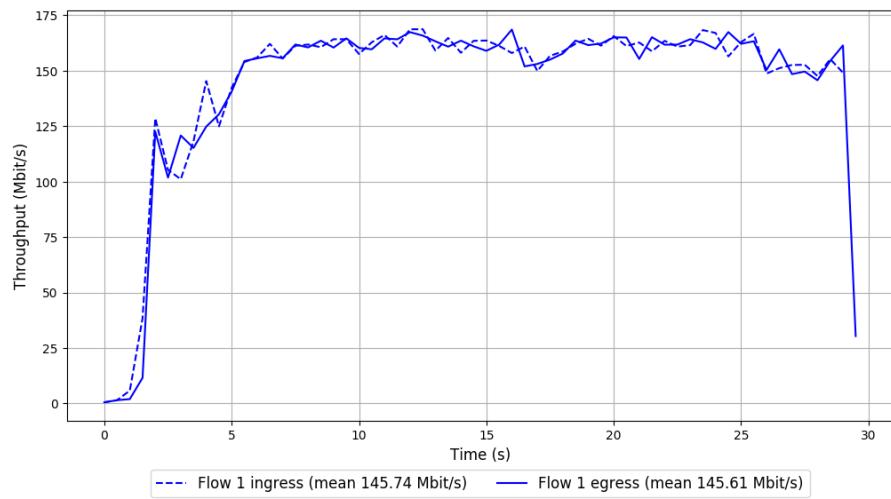
Run 4: Statistics of Indigo

Start at: 2017-09-21 22:05:57

End at: 2017-09-21 22:06:27

```
# Below is generated by plot.py at 2017-09-22 00:12:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 145.61 Mbit/s
95th percentile per-packet one-way delay: 135.352 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 145.61 Mbit/s
95th percentile per-packet one-way delay: 135.352 ms
Loss rate: 0.09%
```

Run 4: Report of Indigo — Data Link



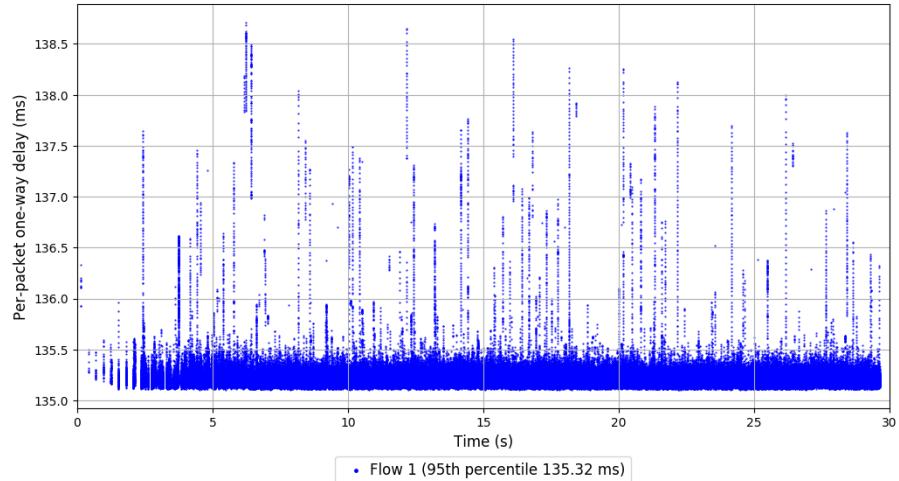
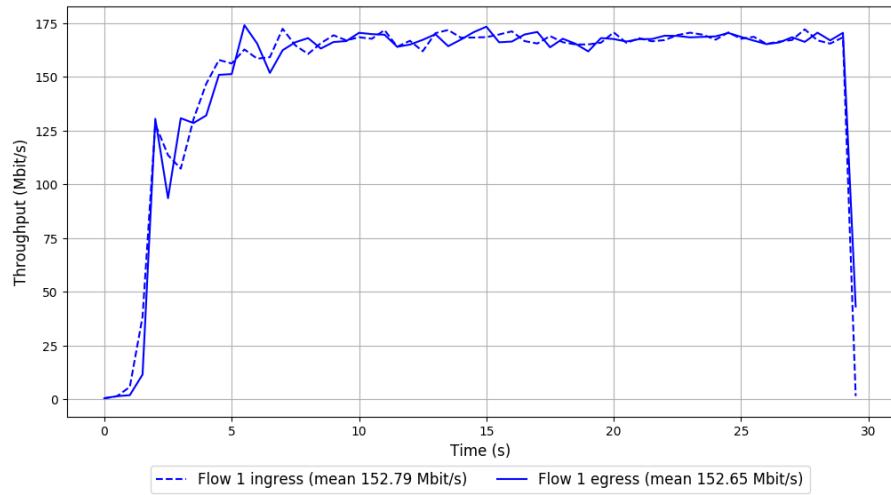
Run 5: Statistics of Indigo

Start at: 2017-09-21 22:17:34

End at: 2017-09-21 22:18:04

```
# Below is generated by plot.py at 2017-09-22 00:12:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 152.65 Mbit/s
95th percentile per-packet one-way delay: 135.324 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 152.65 Mbit/s
95th percentile per-packet one-way delay: 135.324 ms
Loss rate: 0.10%
```

Run 5: Report of Indigo — Data Link



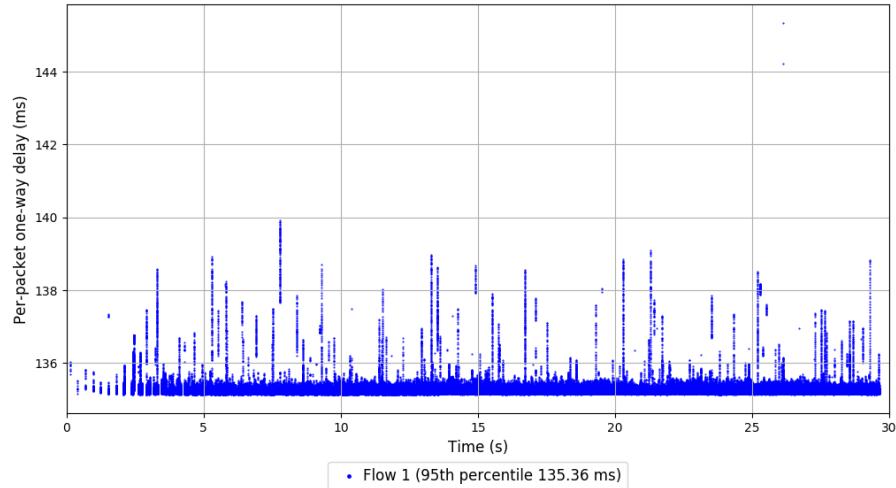
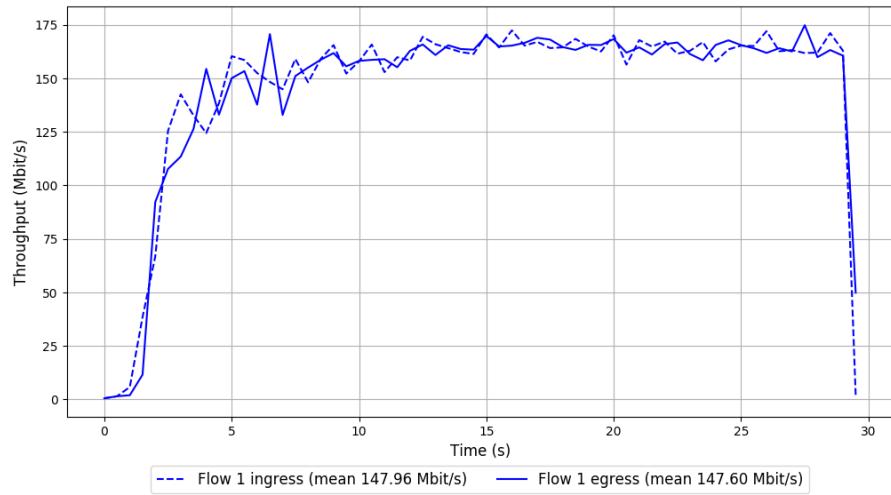
Run 6: Statistics of Indigo

Start at: 2017-09-21 22:28:25

End at: 2017-09-21 22:28:55

```
# Below is generated by plot.py at 2017-09-22 00:13:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 147.60 Mbit/s
95th percentile per-packet one-way delay: 135.364 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 147.60 Mbit/s
95th percentile per-packet one-way delay: 135.364 ms
Loss rate: 0.24%
```

Run 6: Report of Indigo — Data Link



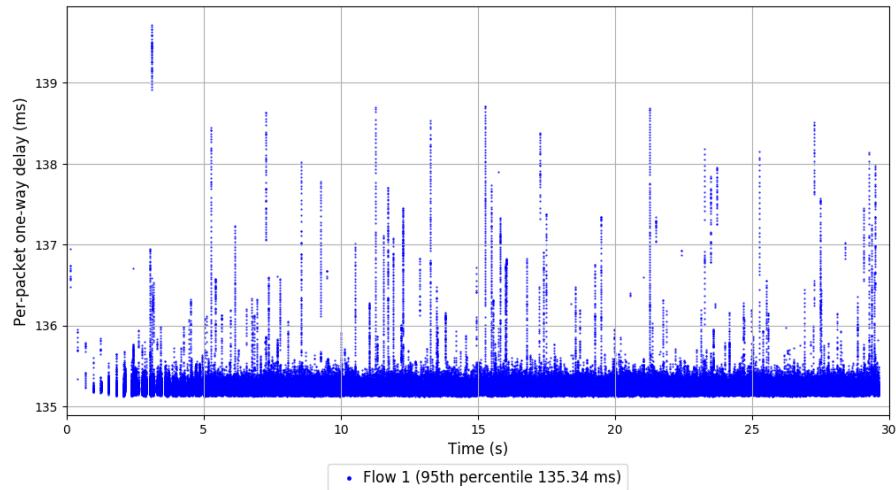
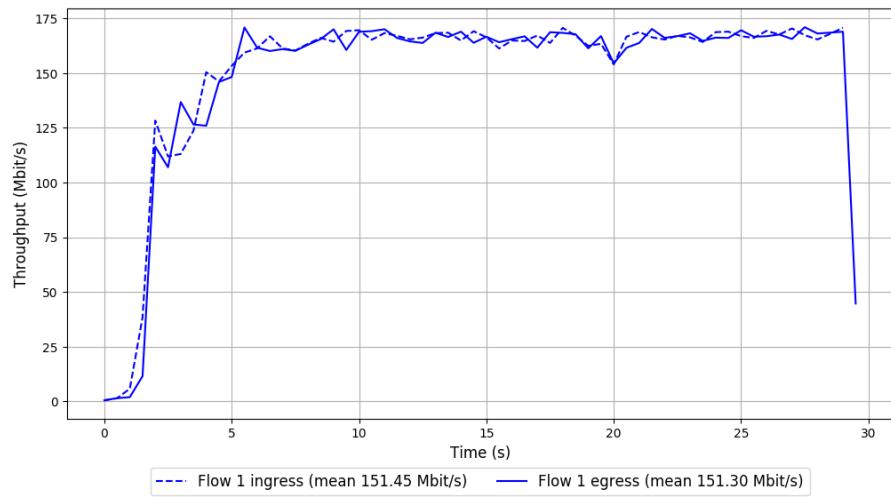
Run 7: Statistics of Indigo

Start at: 2017-09-21 22:39:29

End at: 2017-09-21 22:39:59

```
# Below is generated by plot.py at 2017-09-22 00:13:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 151.30 Mbit/s
95th percentile per-packet one-way delay: 135.337 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 151.30 Mbit/s
95th percentile per-packet one-way delay: 135.337 ms
Loss rate: 0.10%
```

Run 7: Report of Indigo — Data Link



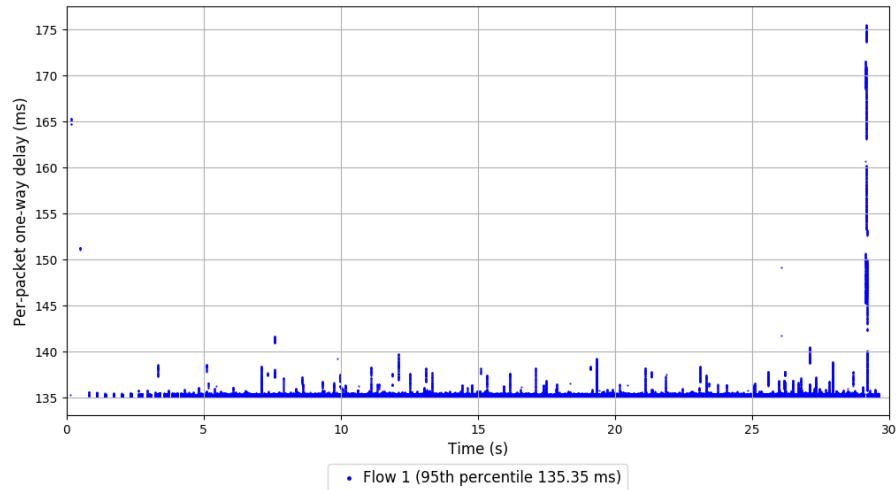
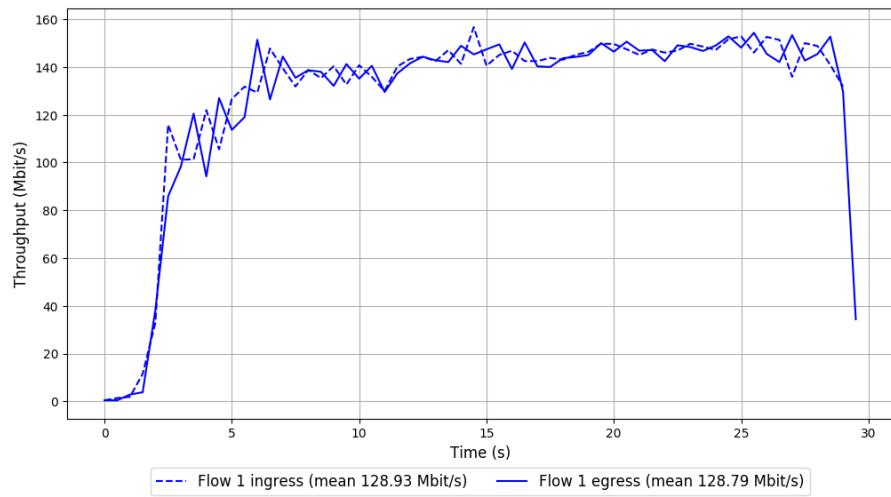
Run 8: Statistics of Indigo

Start at: 2017-09-21 22:50:55

End at: 2017-09-21 22:51:25

```
# Below is generated by plot.py at 2017-09-22 00:13:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 128.79 Mbit/s
95th percentile per-packet one-way delay: 135.346 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 128.79 Mbit/s
95th percentile per-packet one-way delay: 135.346 ms
Loss rate: 0.10%
```

Run 8: Report of Indigo — Data Link



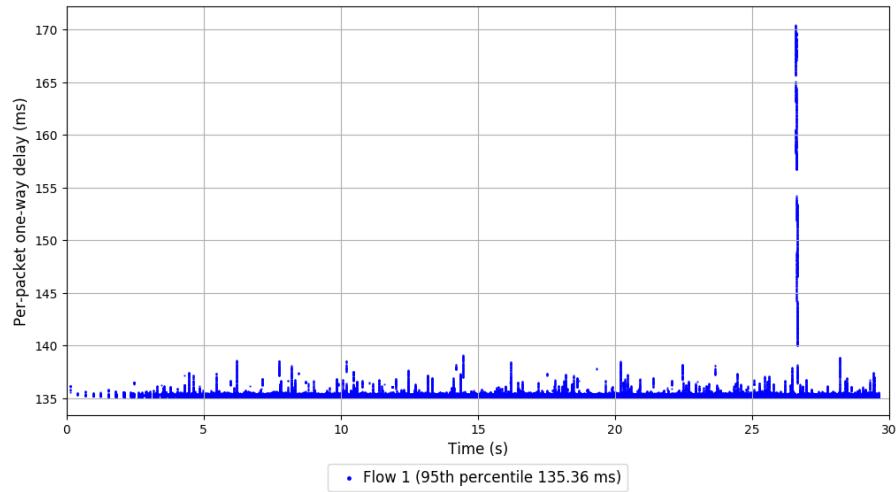
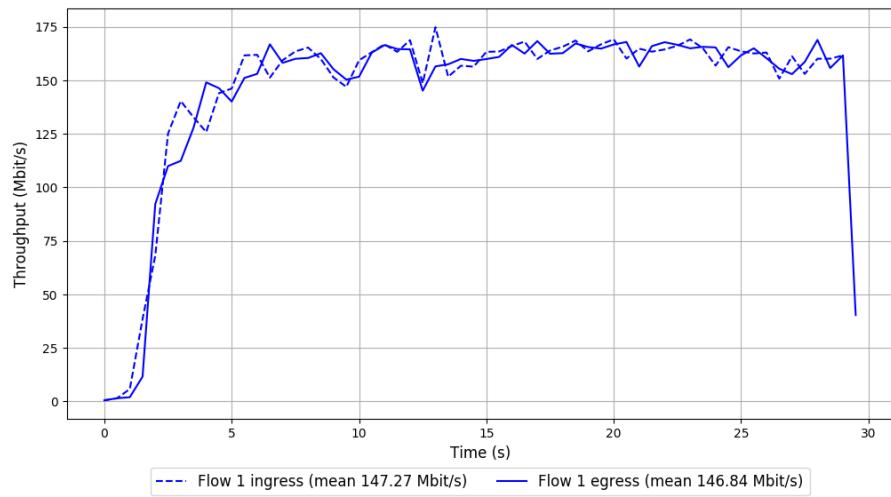
Run 9: Statistics of Indigo

Start at: 2017-09-21 23:02:14

End at: 2017-09-21 23:02:44

```
# Below is generated by plot.py at 2017-09-22 00:14:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 146.84 Mbit/s
95th percentile per-packet one-way delay: 135.359 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 146.84 Mbit/s
95th percentile per-packet one-way delay: 135.359 ms
Loss rate: 0.29%
```

Run 9: Report of Indigo — Data Link



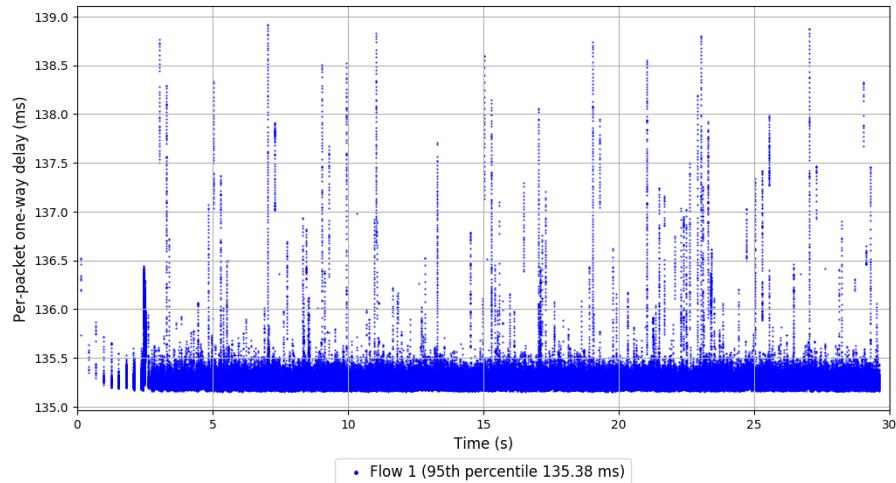
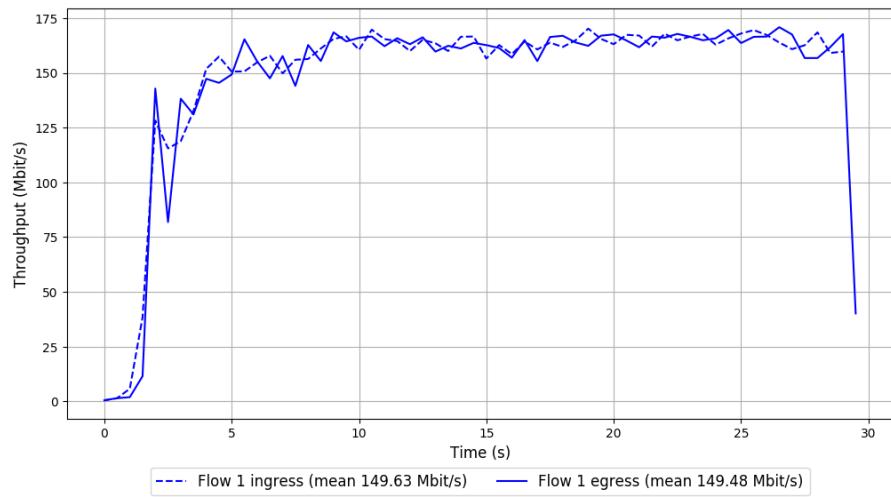
Run 10: Statistics of Indigo

Start at: 2017-09-21 23:12:48

End at: 2017-09-21 23:13:18

```
# Below is generated by plot.py at 2017-09-22 00:14:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 149.48 Mbit/s
95th percentile per-packet one-way delay: 135.379 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 149.48 Mbit/s
95th percentile per-packet one-way delay: 135.379 ms
Loss rate: 0.10%
```

Run 10: Report of Indigo — Data Link



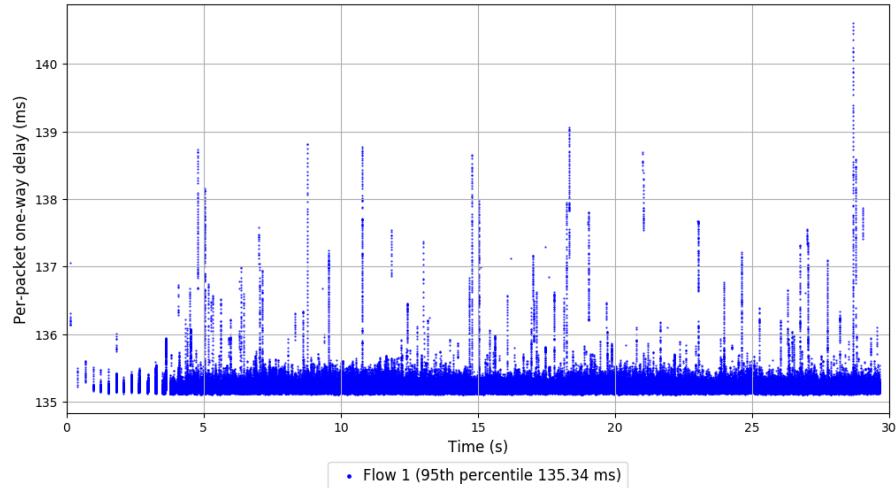
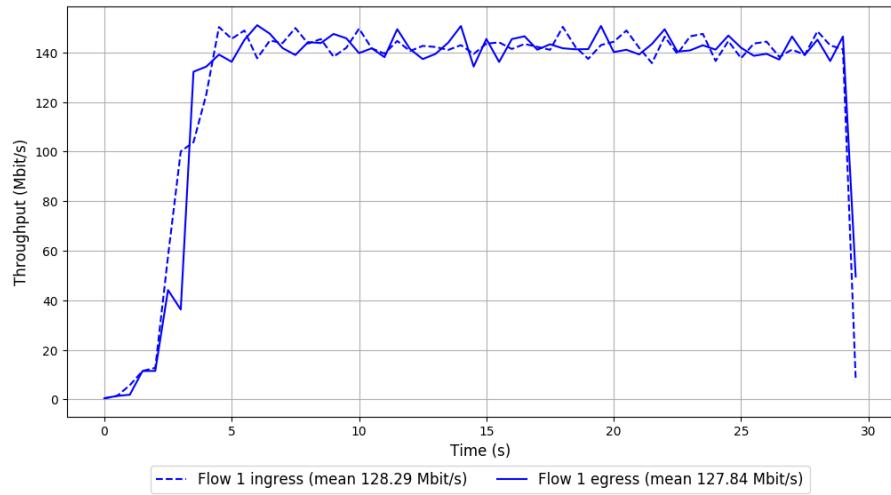
Run 1: Statistics of Indigo-calib

Start at: 2017-09-21 21:42:34

End at: 2017-09-21 21:43:04

```
# Below is generated by plot.py at 2017-09-22 00:14:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 127.84 Mbit/s
95th percentile per-packet one-way delay: 135.342 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 127.84 Mbit/s
95th percentile per-packet one-way delay: 135.342 ms
Loss rate: 0.36%
```

Run 1: Report of Indigo-calib — Data Link



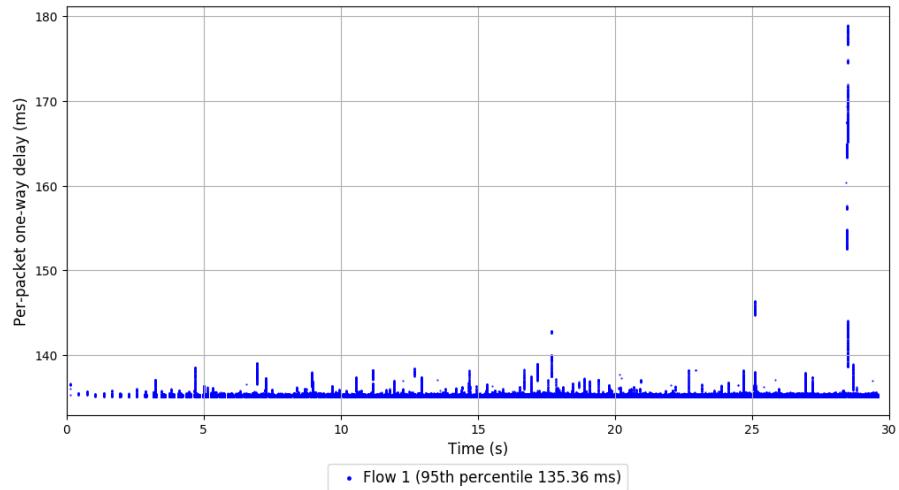
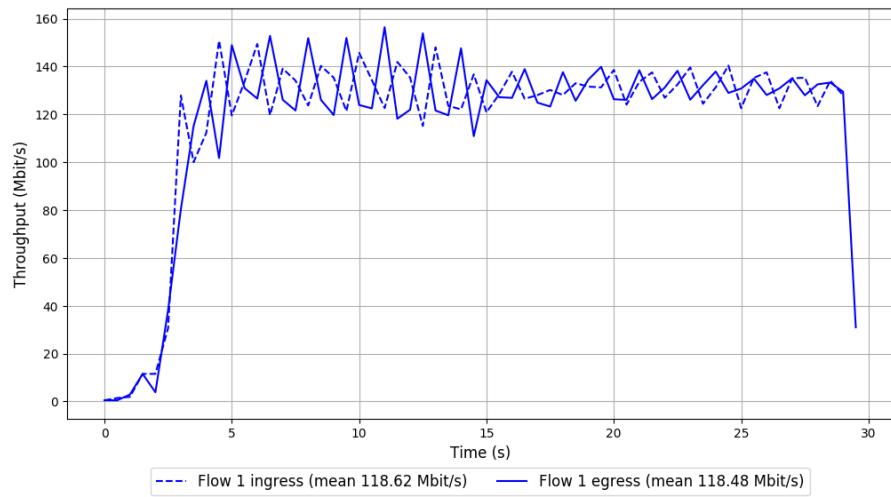
Run 2: Statistics of Indigo-calib

Start at: 2017-09-21 21:53:52

End at: 2017-09-21 21:54:22

```
# Below is generated by plot.py at 2017-09-22 00:14:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 118.48 Mbit/s
95th percentile per-packet one-way delay: 135.364 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 118.48 Mbit/s
95th percentile per-packet one-way delay: 135.364 ms
Loss rate: 0.12%
```

Run 2: Report of Indigo-calib — Data Link



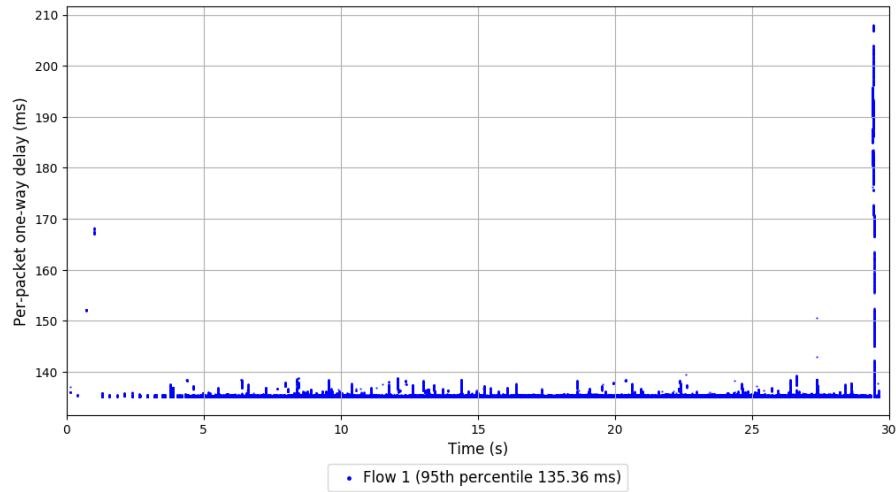
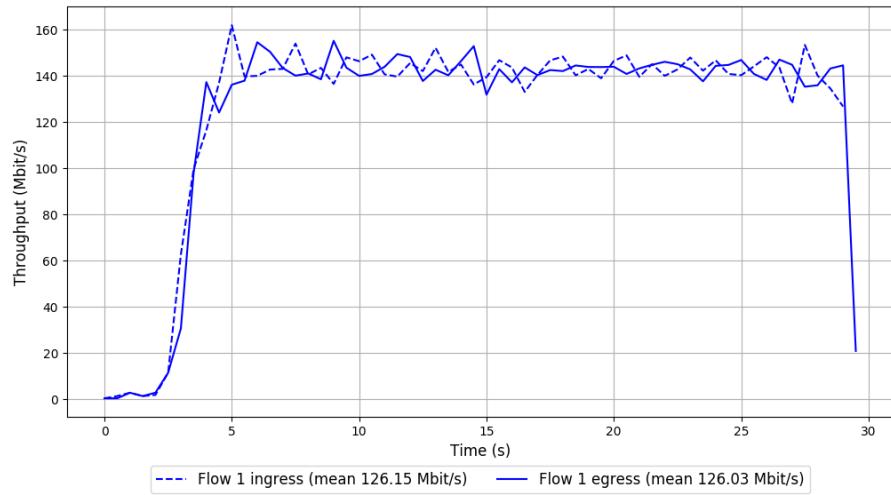
Run 3: Statistics of Indigo-calib

Start at: 2017-09-21 22:05:02

End at: 2017-09-21 22:05:32

```
# Below is generated by plot.py at 2017-09-22 00:15:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 126.03 Mbit/s
95th percentile per-packet one-way delay: 135.357 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 126.03 Mbit/s
95th percentile per-packet one-way delay: 135.357 ms
Loss rate: 0.10%
```

Run 3: Report of Indigo-calib — Data Link



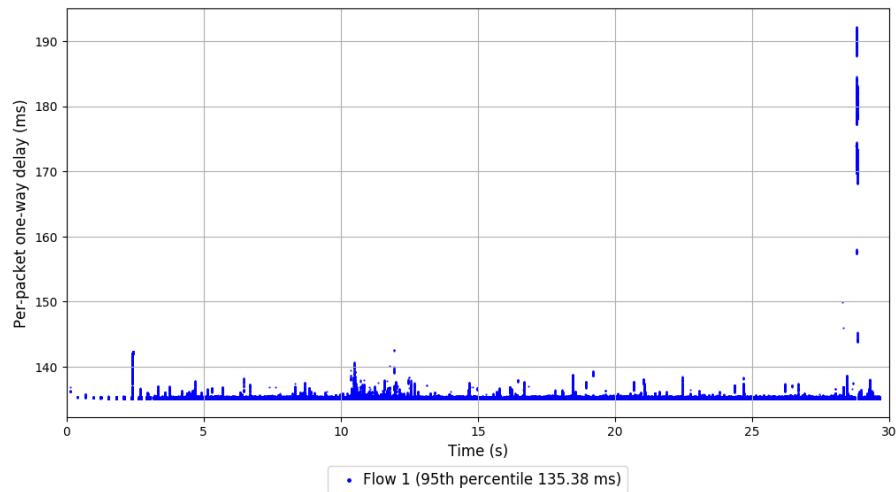
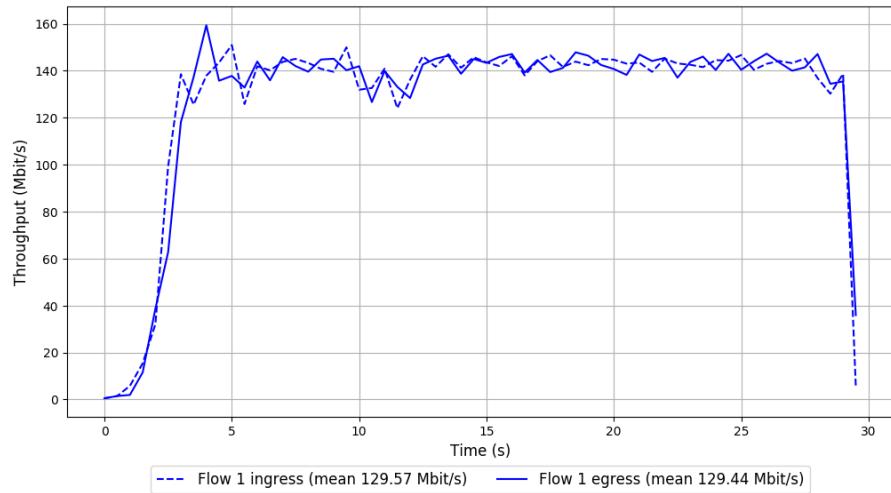
Run 4: Statistics of Indigo-calib

Start at: 2017-09-21 22:16:40

End at: 2017-09-21 22:17:10

```
# Below is generated by plot.py at 2017-09-22 00:15:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 129.44 Mbit/s
95th percentile per-packet one-way delay: 135.379 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 129.44 Mbit/s
95th percentile per-packet one-way delay: 135.379 ms
Loss rate: 0.11%
```

Run 4: Report of Indigo-calib — Data Link



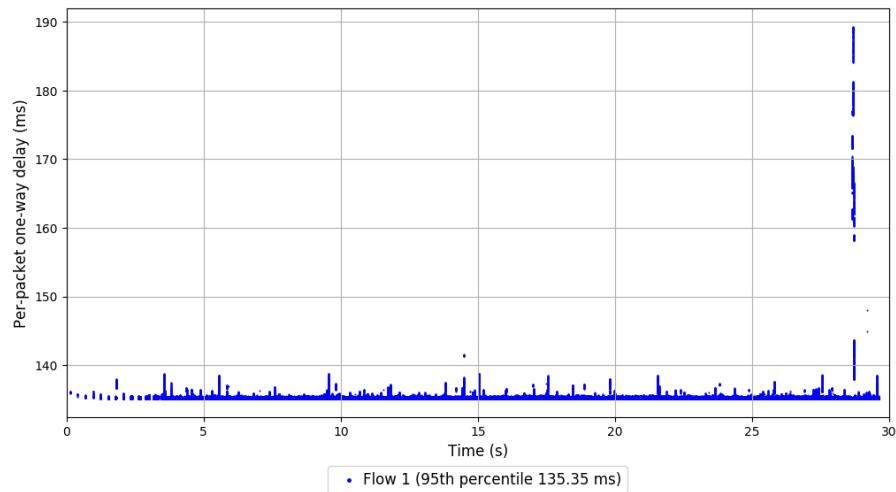
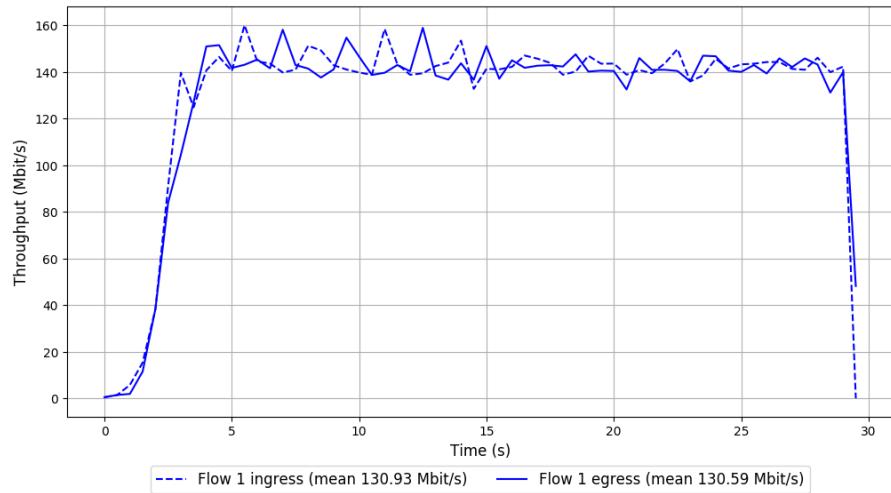
Run 5: Statistics of Indigo-calib

Start at: 2017-09-21 22:27:31

End at: 2017-09-21 22:28:01

```
# Below is generated by plot.py at 2017-09-22 00:16:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 130.59 Mbit/s
95th percentile per-packet one-way delay: 135.354 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 130.59 Mbit/s
95th percentile per-packet one-way delay: 135.354 ms
Loss rate: 0.26%
```

Run 5: Report of Indigo-calib — Data Link



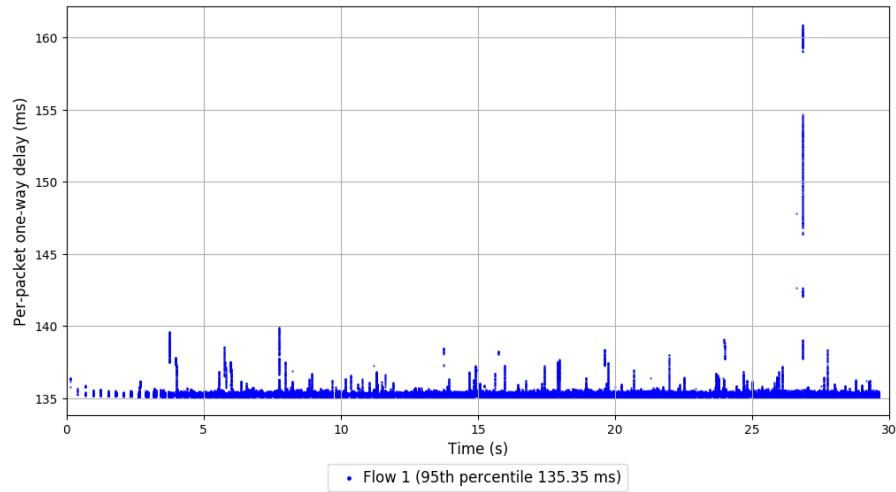
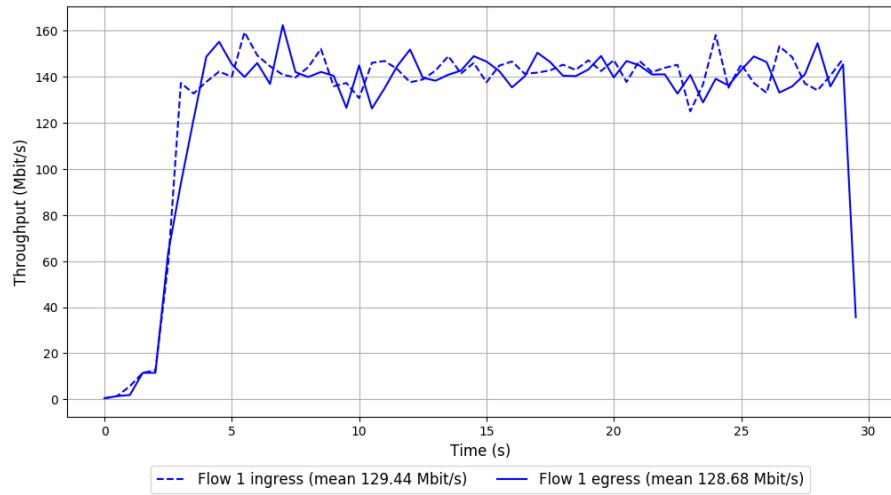
Run 6: Statistics of Indigo-calib

Start at: 2017-09-21 22:38:35

End at: 2017-09-21 22:39:05

```
# Below is generated by plot.py at 2017-09-22 00:16:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 128.68 Mbit/s
95th percentile per-packet one-way delay: 135.354 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 128.68 Mbit/s
95th percentile per-packet one-way delay: 135.354 ms
Loss rate: 0.59%
```

Run 6: Report of Indigo-calib — Data Link



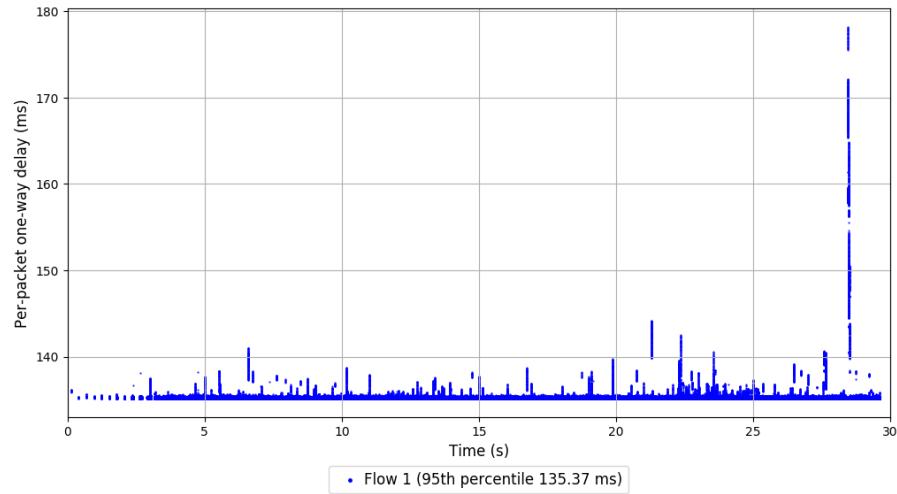
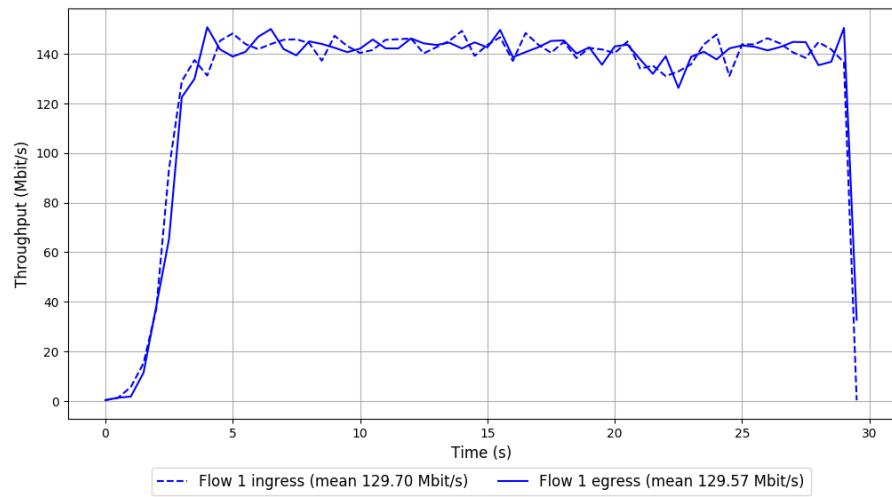
Run 7: Statistics of Indigo-calib

Start at: 2017-09-21 22:50:00

End at: 2017-09-21 22:50:30

```
# Below is generated by plot.py at 2017-09-22 00:16:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 129.57 Mbit/s
95th percentile per-packet one-way delay: 135.371 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 129.57 Mbit/s
95th percentile per-packet one-way delay: 135.371 ms
Loss rate: 0.10%
```

Run 7: Report of Indigo-calib — Data Link



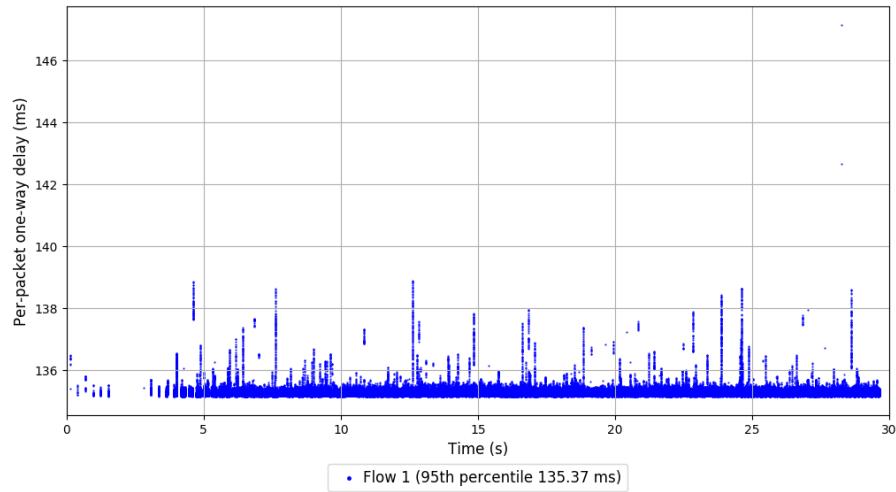
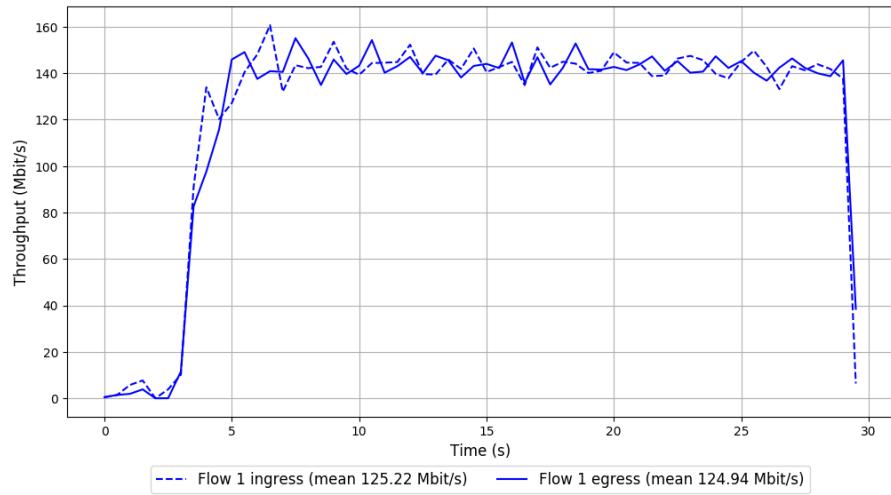
Run 8: Statistics of Indigo-calib

Start at: 2017-09-21 23:01:20

End at: 2017-09-21 23:01:50

```
# Below is generated by plot.py at 2017-09-22 00:16:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 124.94 Mbit/s
95th percentile per-packet one-way delay: 135.370 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 124.94 Mbit/s
95th percentile per-packet one-way delay: 135.370 ms
Loss rate: 0.22%
```

Run 8: Report of Indigo-calib — Data Link



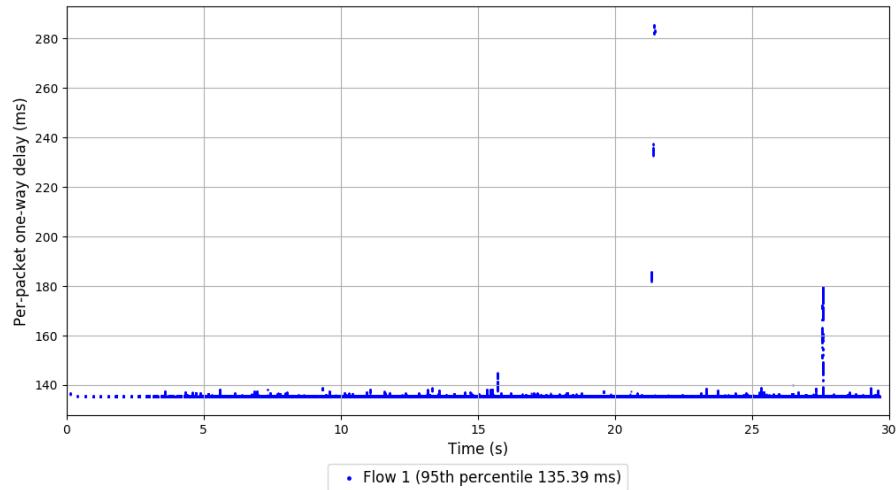
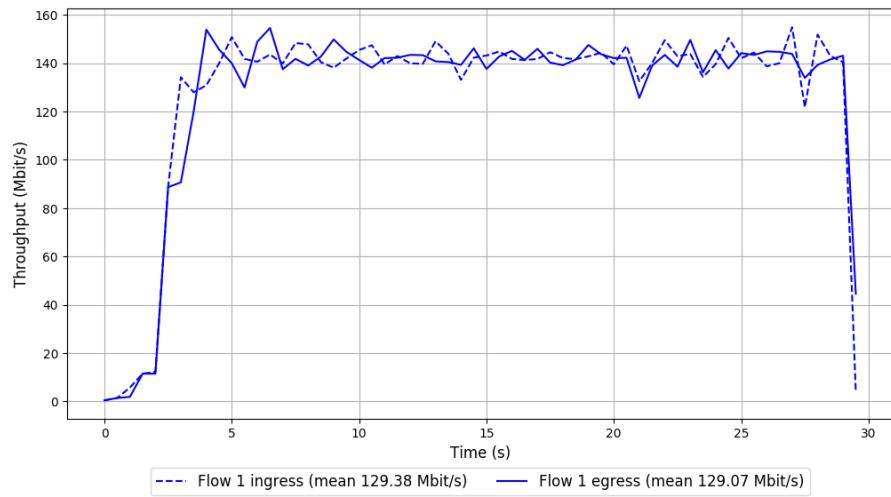
Run 9: Statistics of Indigo-calib

Start at: 2017-09-21 23:11:53

End at: 2017-09-21 23:12:23

```
# Below is generated by plot.py at 2017-09-22 00:16:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 129.07 Mbit/s
95th percentile per-packet one-way delay: 135.389 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 129.07 Mbit/s
95th percentile per-packet one-way delay: 135.389 ms
Loss rate: 0.25%
```

Run 9: Report of Indigo-calib — Data Link



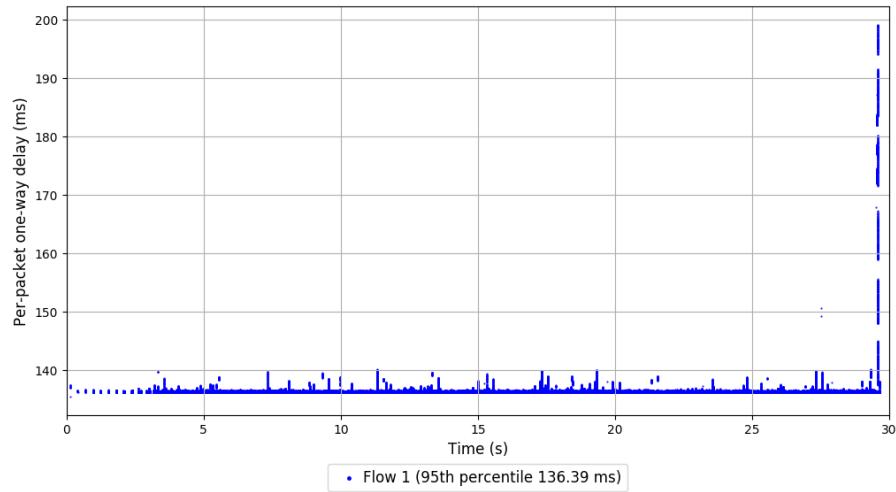
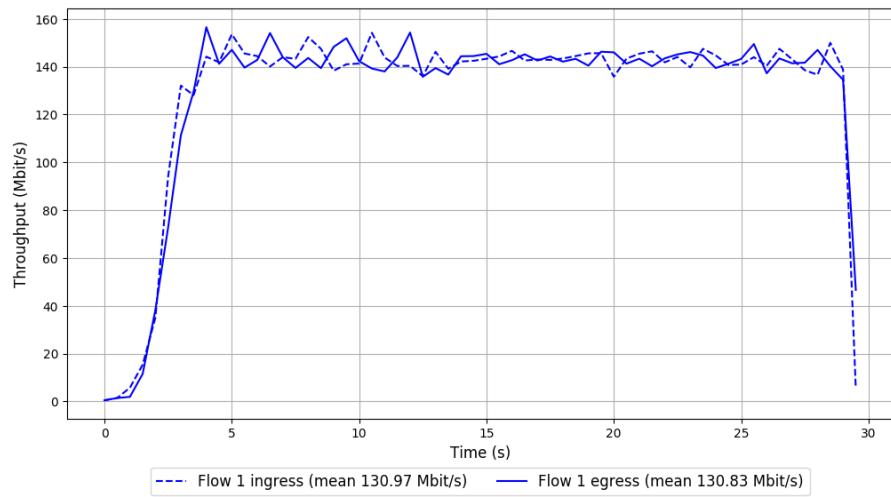
Run 10: Statistics of Indigo-calib

Start at: 2017-09-21 23:22:31

End at: 2017-09-21 23:23:01

```
# Below is generated by plot.py at 2017-09-22 00:16:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 130.83 Mbit/s
95th percentile per-packet one-way delay: 136.389 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 130.83 Mbit/s
95th percentile per-packet one-way delay: 136.389 ms
Loss rate: 0.10%
```

Run 10: Report of Indigo-calib — Data Link



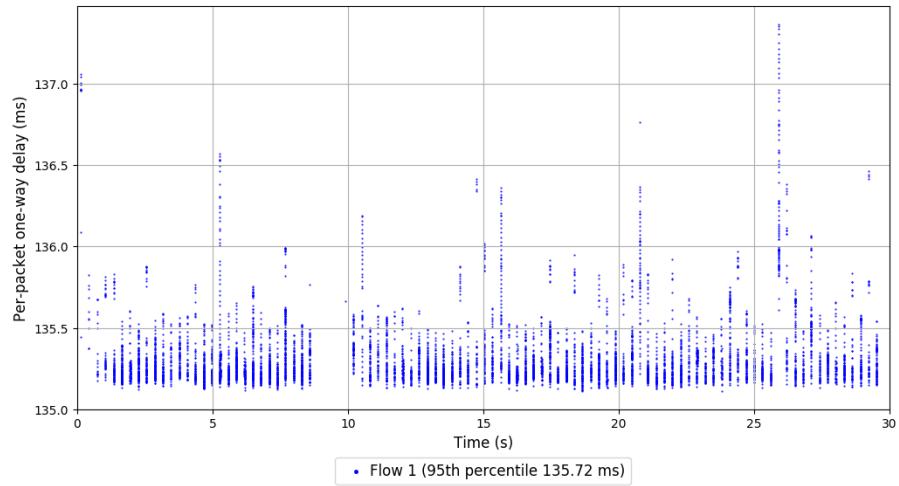
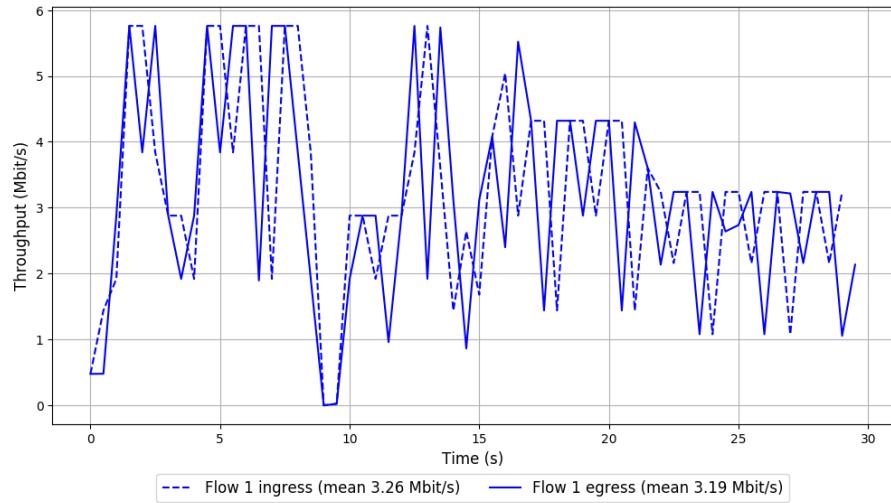
Run 1: Statistics of Indigo-delay

Start at: 2017-09-21 21:34:12

End at: 2017-09-21 21:34:42

```
# Below is generated by plot.py at 2017-09-22 00:16:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.19 Mbit/s
95th percentile per-packet one-way delay: 135.723 ms
Loss rate: 2.28%
-- Flow 1:
Average throughput: 3.19 Mbit/s
95th percentile per-packet one-way delay: 135.723 ms
Loss rate: 2.28%
```

Run 1: Report of Indigo-delay — Data Link



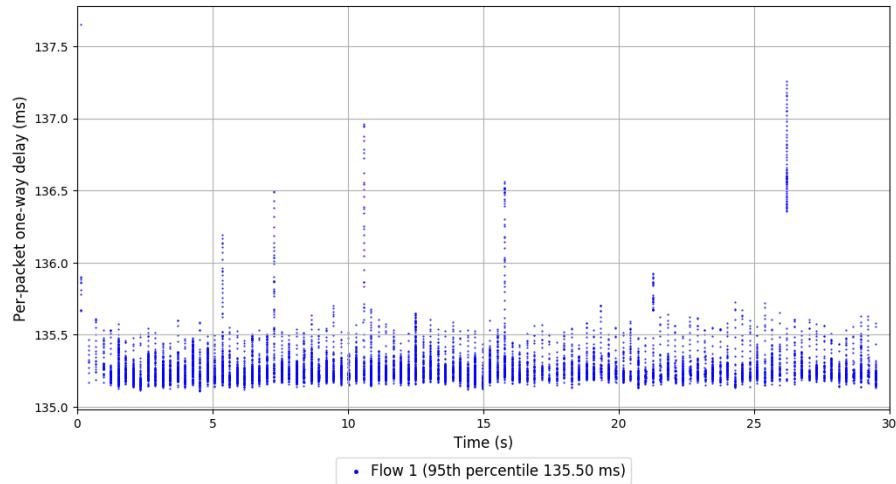
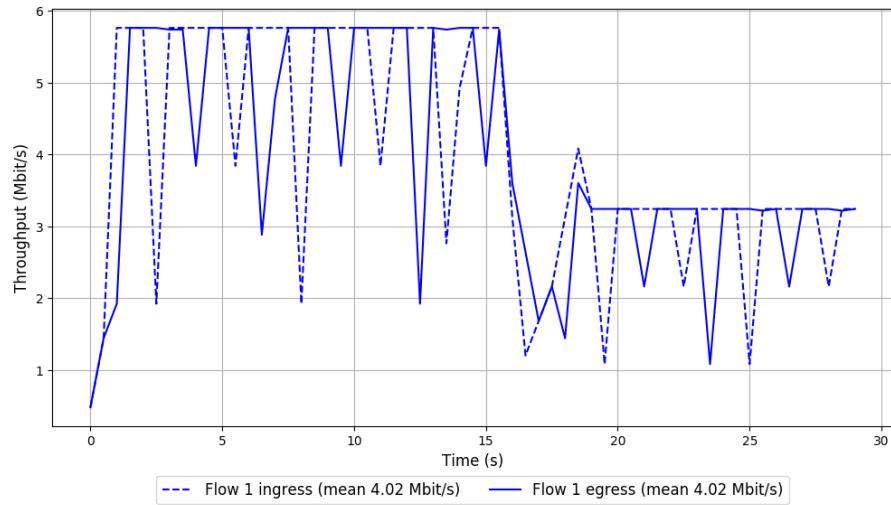
Run 2: Statistics of Indigo-delay

Start at: 2017-09-21 21:45:05

End at: 2017-09-21 21:45:35

```
# Below is generated by plot.py at 2017-09-22 00:16:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.02 Mbit/s
95th percentile per-packet one-way delay: 135.505 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 4.02 Mbit/s
95th percentile per-packet one-way delay: 135.505 ms
Loss rate: 0.07%
```

Run 2: Report of Indigo-delay — Data Link



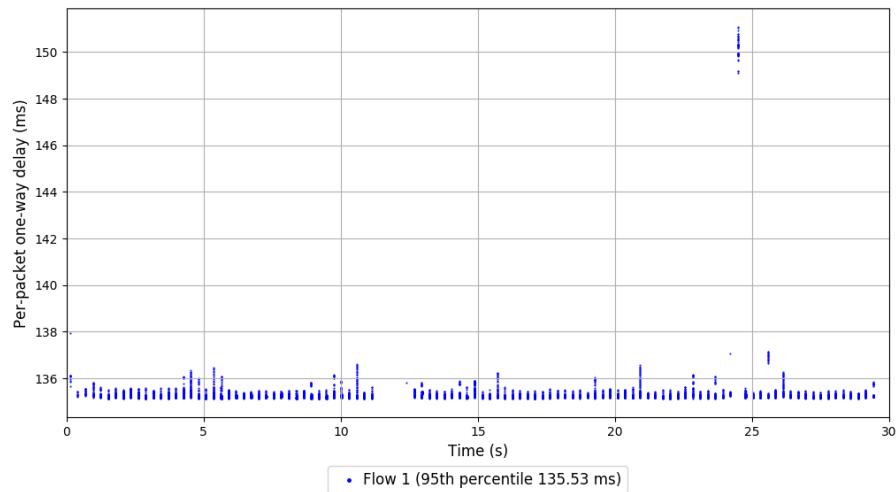
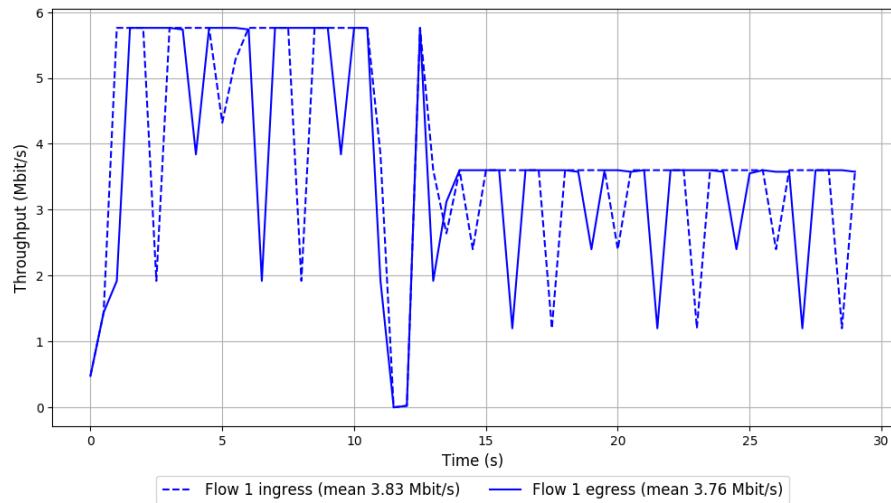
Run 3: Statistics of Indigo-delay

Start at: 2017-09-21 21:56:22

End at: 2017-09-21 21:56:52

```
# Below is generated by plot.py at 2017-09-22 00:16:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.76 Mbit/s
95th percentile per-packet one-way delay: 135.533 ms
Loss rate: 1.82%
-- Flow 1:
Average throughput: 3.76 Mbit/s
95th percentile per-packet one-way delay: 135.533 ms
Loss rate: 1.82%
```

Run 3: Report of Indigo-delay — Data Link



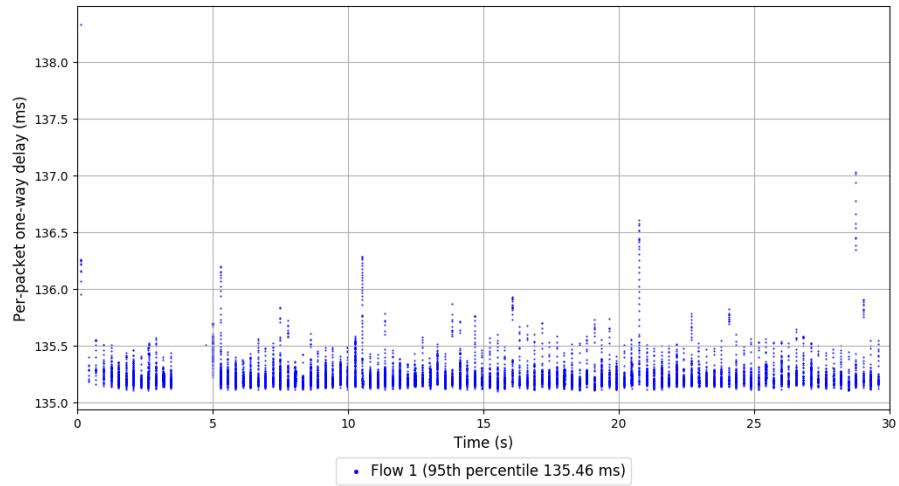
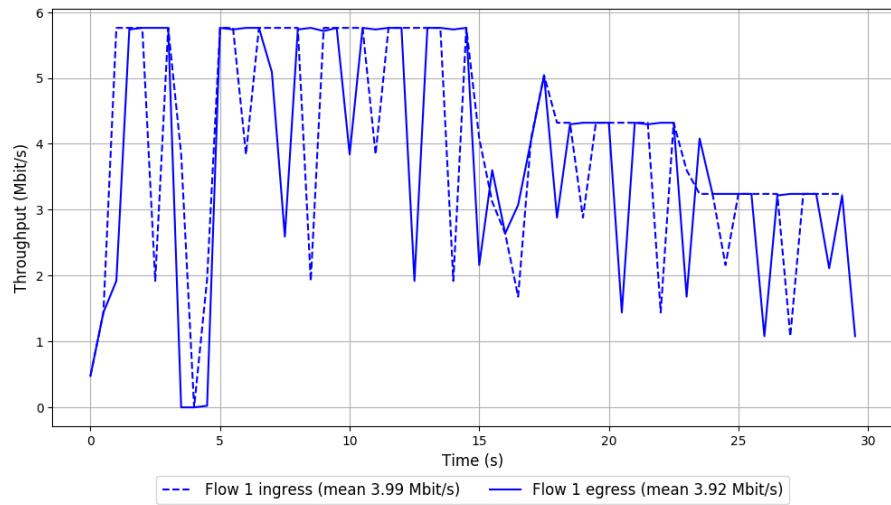
Run 4: Statistics of Indigo-delay

Start at: 2017-09-21 22:07:35

End at: 2017-09-21 22:08:05

```
# Below is generated by plot.py at 2017-09-22 00:16:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.92 Mbit/s
95th percentile per-packet one-way delay: 135.459 ms
Loss rate: 1.80%
-- Flow 1:
Average throughput: 3.92 Mbit/s
95th percentile per-packet one-way delay: 135.459 ms
Loss rate: 1.80%
```

Run 4: Report of Indigo-delay — Data Link



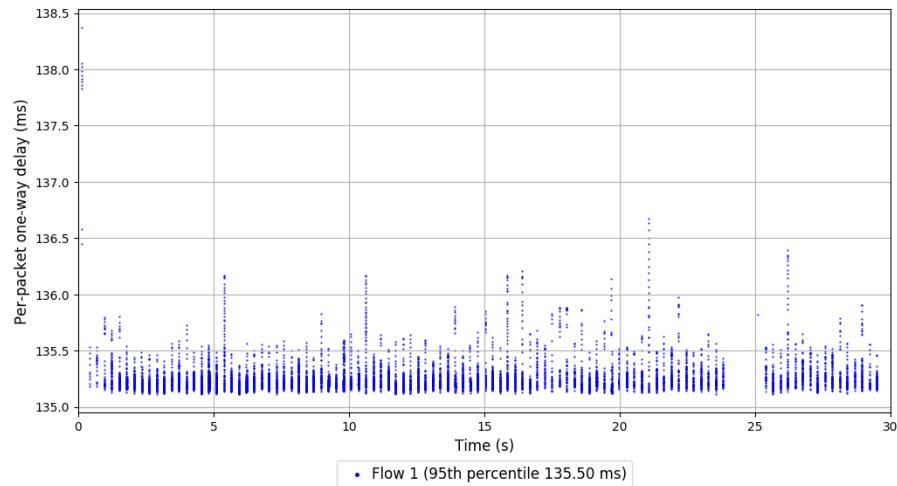
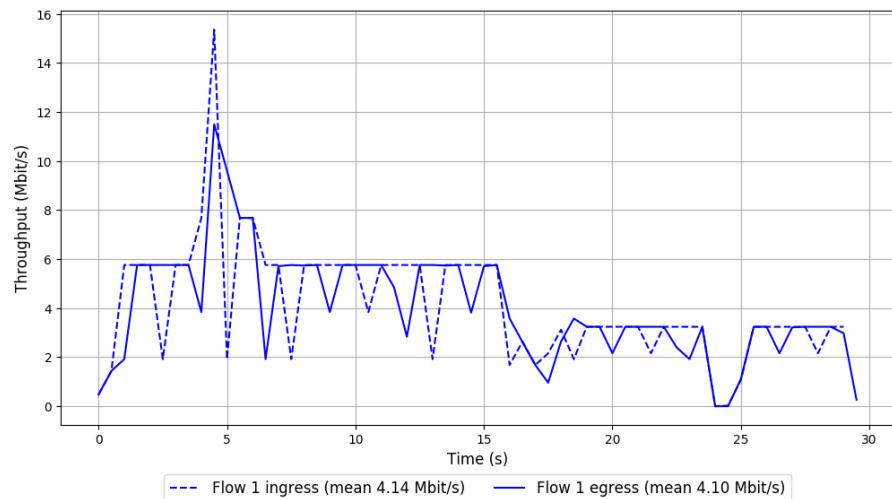
Run 5: Statistics of Indigo-delay

Start at: 2017-09-21 22:19:12

End at: 2017-09-21 22:19:42

```
# Below is generated by plot.py at 2017-09-22 00:16:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.10 Mbit/s
95th percentile per-packet one-way delay: 135.499 ms
Loss rate: 1.01%
-- Flow 1:
Average throughput: 4.10 Mbit/s
95th percentile per-packet one-way delay: 135.499 ms
Loss rate: 1.01%
```

Run 5: Report of Indigo-delay — Data Link



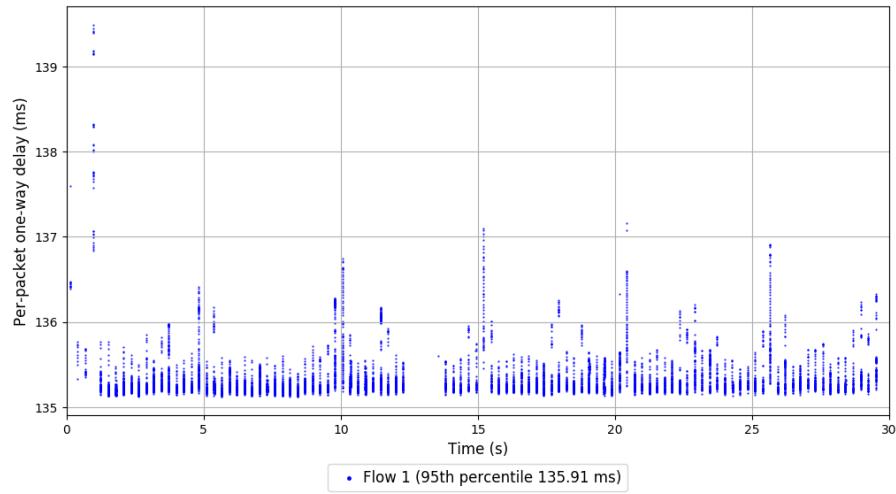
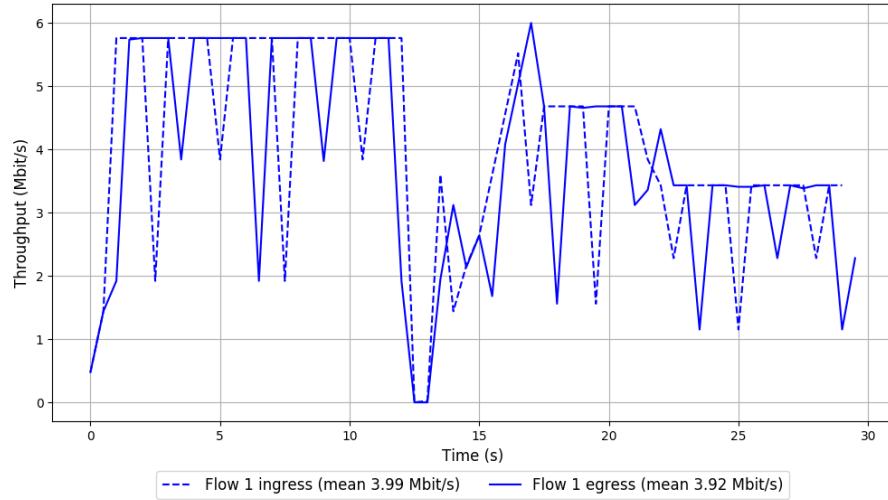
Run 6: Statistics of Indigo-delay

Start at: 2017-09-21 22:30:03

End at: 2017-09-21 22:30:33

```
# Below is generated by plot.py at 2017-09-22 00:16:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.92 Mbit/s
95th percentile per-packet one-way delay: 135.907 ms
Loss rate: 1.72%
-- Flow 1:
Average throughput: 3.92 Mbit/s
95th percentile per-packet one-way delay: 135.907 ms
Loss rate: 1.72%
```

Run 6: Report of Indigo-delay — Data Link



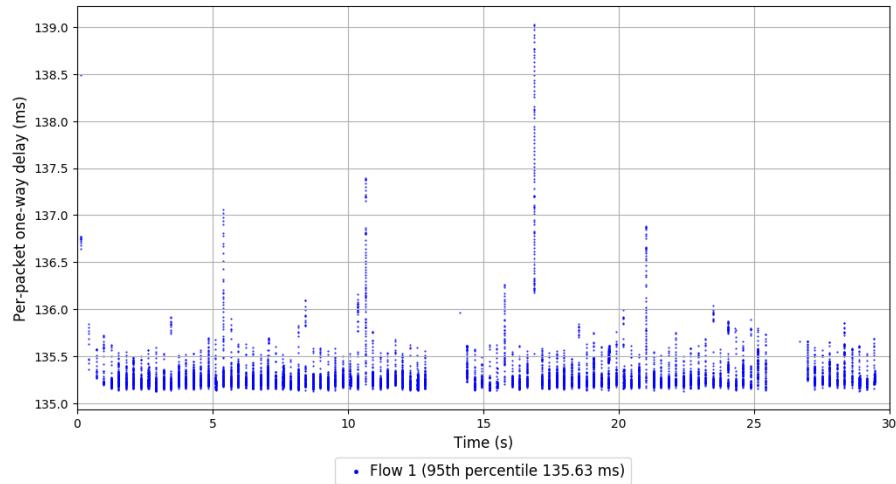
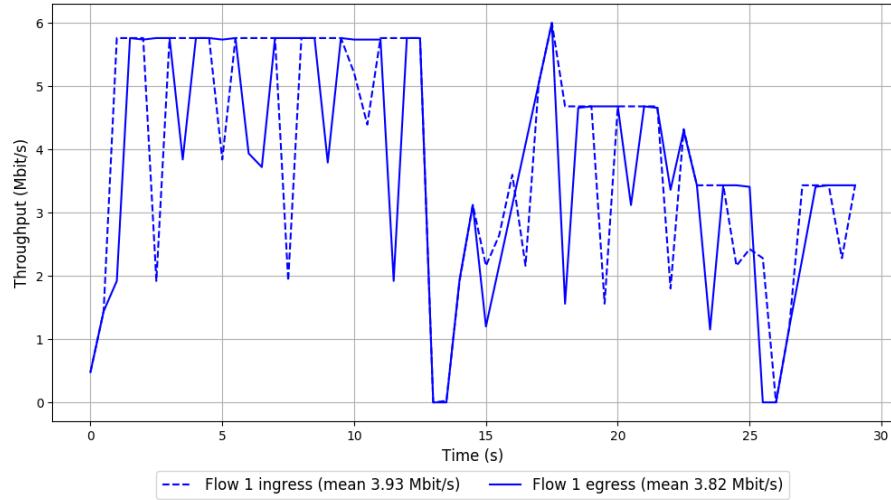
Run 7: Statistics of Indigo-delay

Start at: 2017-09-21 22:41:08

End at: 2017-09-21 22:41:38

```
# Below is generated by plot.py at 2017-09-22 00:16:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.82 Mbit/s
95th percentile per-packet one-way delay: 135.631 ms
Loss rate: 2.80%
-- Flow 1:
Average throughput: 3.82 Mbit/s
95th percentile per-packet one-way delay: 135.631 ms
Loss rate: 2.80%
```

Run 7: Report of Indigo-delay — Data Link



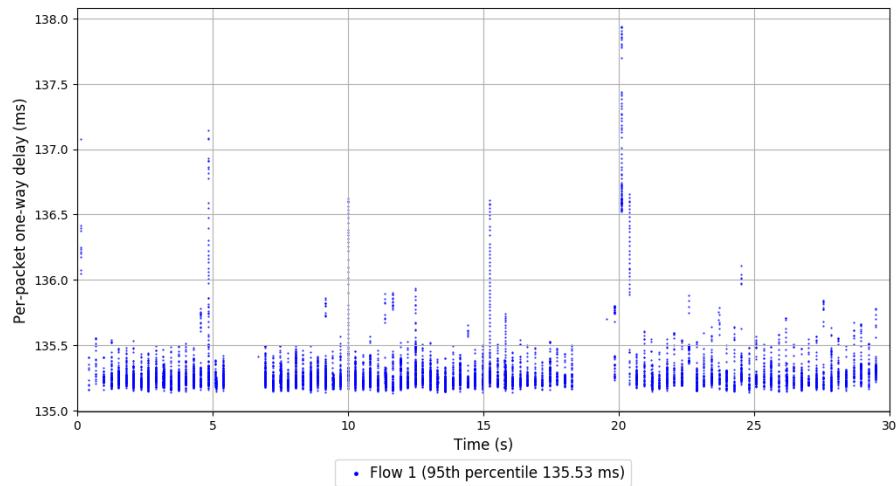
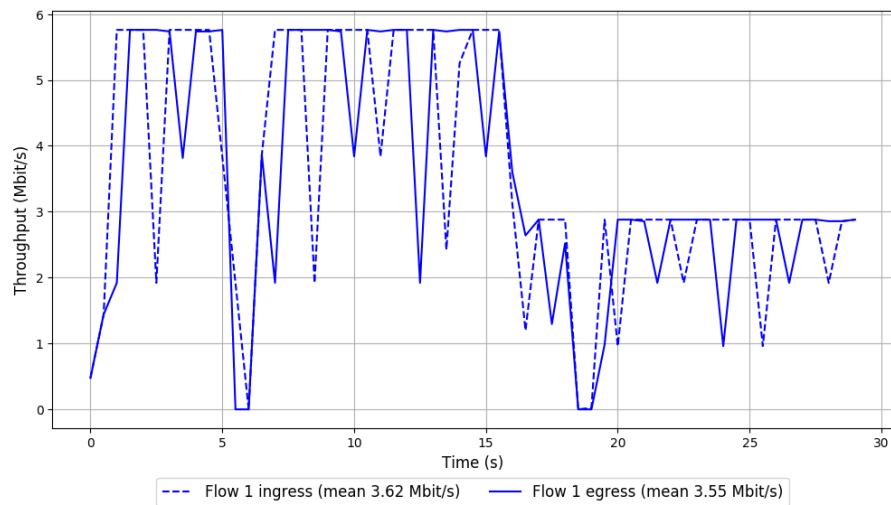
Run 8: Statistics of Indigo-delay

Start at: 2017-09-21 22:52:34

End at: 2017-09-21 22:53:04

```
# Below is generated by plot.py at 2017-09-22 00:16:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.55 Mbit/s
95th percentile per-packet one-way delay: 135.526 ms
Loss rate: 1.93%
-- Flow 1:
Average throughput: 3.55 Mbit/s
95th percentile per-packet one-way delay: 135.526 ms
Loss rate: 1.93%
```

Run 8: Report of Indigo-delay — Data Link



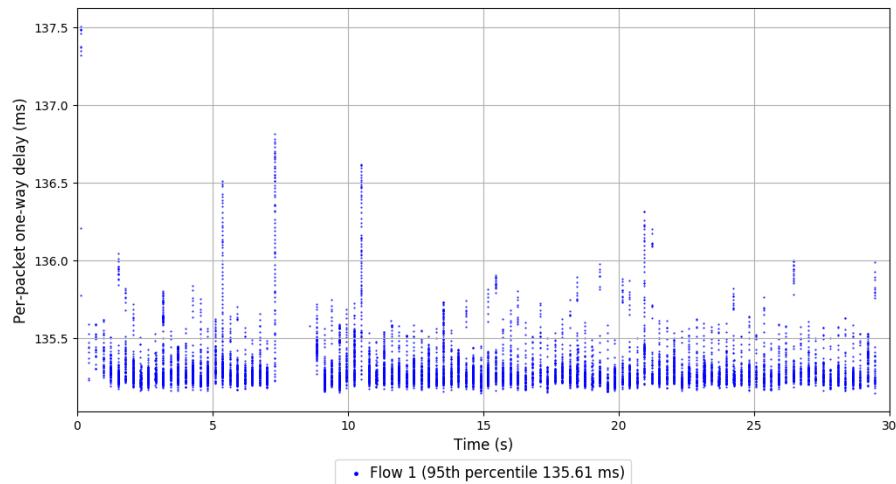
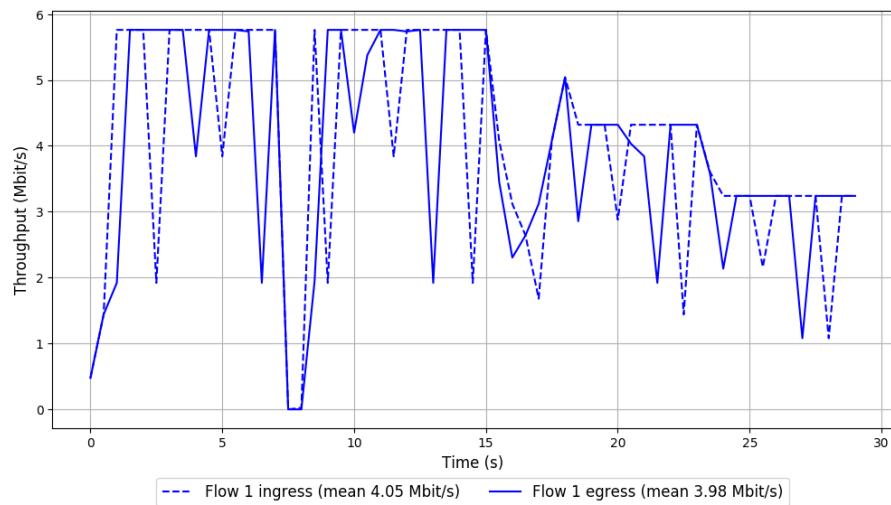
Run 9: Statistics of Indigo-delay

Start at: 2017-09-21 23:03:52

End at: 2017-09-21 23:04:22

```
# Below is generated by plot.py at 2017-09-22 00:16:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.98 Mbit/s
95th percentile per-packet one-way delay: 135.611 ms
Loss rate: 1.80%
-- Flow 1:
Average throughput: 3.98 Mbit/s
95th percentile per-packet one-way delay: 135.611 ms
Loss rate: 1.80%
```

Run 9: Report of Indigo-delay — Data Link



Run 10: Statistics of Indigo-delay

Start at: 2017-09-21 23:14:26

End at: 2017-09-21 23:14:56

```
# Below is generated by plot.py at 2017-09-22 00:16:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.97 Mbit/s
95th percentile per-packet one-way delay: 135.538 ms
Loss rate: 1.74%
-- Flow 1:
Average throughput: 3.97 Mbit/s
95th percentile per-packet one-way delay: 135.538 ms
Loss rate: 1.74%
```

Run 10: Report of Indigo-delay — Data Link

