

Pantheon Report

Generated at 2019-10-27 07:46:37 (UTC).
Tested in mahimahi: mm-delay 28 mm-link 10mbps.trace 50mbps.trace
--uplink-queue=droptail --uplink-queue-args=packets=14
Repeated the test of 10 congestion control schemes 10 times.
Each test lasted for 30 seconds running 1 flow.

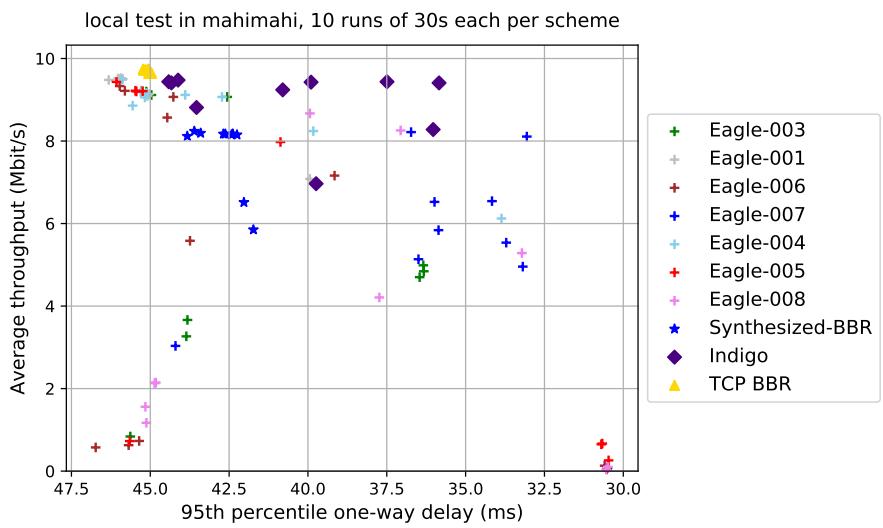
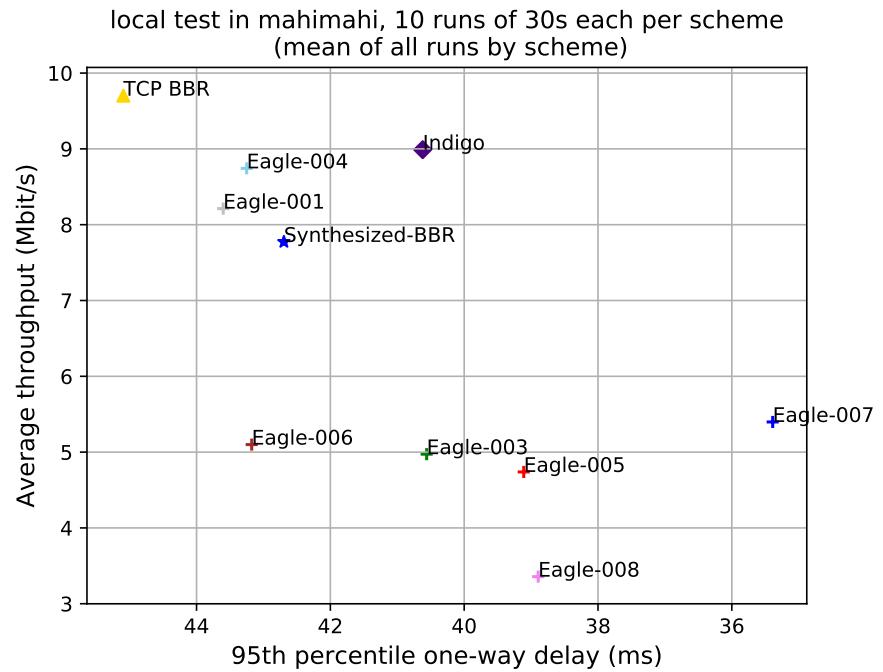
System info:

```
Linux 4.15.0-65-generic
net.core.default_qdisc = fq
net.core.rmem_default = 212992
net.core.rmem_max = 212992
net.core.wmem_default = 212992
net.core.wmem_max = 212992
net.ipv4.tcp_rmem = 4096 87380 6291456
net.ipv4.tcp_wmem = 4096 16384 4194304
```

Git summary:

```
branch: master @ b54fc866b3140559c1fa1782d26fa636f7a43a8d
third_party/aurora @ f3e943d61015b39960854ba6391797e0c7984d74
third_party/aurora-model @ e292c316c23fb837255c4e142e40590d154bbe95
third_party/eagle-v1 @ c68d985e042be5c30704c0aee48c363861951a95
third_party/eagle-v2 @ c8a1737b3c84d7d49eadab5b8785045d272a70120
third_party/eagle-v3 @ d5f1ab4416fa417052ddc65de5dbdbd20955d293
M sender-receiver/sender-receiver/sender_receiver/envs/_/pycache__/datagram_pb2.cpython-36.pyc
M sender-receiver/sender-receiver/sender_receiver/envs/_/pycache__/helpers.cpython-36.pyc
M sender-receiver/sender-receiver/sender_receiver/envs/_/pycache__/mahimahi.cpython-36.pyc
M sender-receiver/sender-receiver/sender_receiver/envs/_/pycache__/project_root.cpython-36.pyc
M sender-receiver/sender-receiver/sender_receiver/envs/_/pycache__/receiver.cpython-36.pyc
M sender-receiver/sender-receiver/sender_receiver/envs/example-xentropy-random-switch.py
M sender-receiver/sender-receiver/sender_receiver/envs/example-xentropy.py
D sender-receiver/sender-receiver/sender_receiver/envs/model-xentropy/model-xentropy-2.pt
D sender-receiver/sender-receiver/sender_receiver/envs/model-xentropy/model-xentropy-240it
M sender-receiver/sender-receiver/sender_receiver/envs/model-xentropy/model-xentropy.pt
M sender-receiver/sender-receiver/sender_receiver/logs.txt
third_party/fillp @ d6da1459332fceef56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fc45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ f866d3f58d27af942717625ee3a354cc2e802bd
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
```

```
M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
M src/ScreamClient
M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/synthesizedBBR @ d5f1ab4416fa417052ddc65de5dbdbd20955d293
M sender-receiver/sender-receiver/sender_receiver/_pycache__/_init__.cpython-36.pyc
M sender-receiver/sender-receiver/sender_receiver/envs/_pycache__/_init__.cpython-36.pyc
M sender-receiver/sender-receiver/sender_receiver/envs/_pycache__/datagram_pb2.cpython-36.pyc
M sender-receiver/sender-receiver/sender_receiver/envs/_pycache__/helpers.cpython-36.pyc
M sender-receiver/sender-receiver/sender_receiver/envs/_pycache__/mahimahi.cpython-36.pyc
M sender-receiver/sender-receiver/sender_receiver/envs/_pycache__/project_root.cpython-36.pyc
M sender-receiver/sender-receiver/sender_receiver/envs/_pycache__/receiver.cpython-36.pyc
M sender-receiver/sender-receiver/sender_receiver/envs/_pycache__/sender_receiver_env.cpython-36.pyc
M sender-receiver/sender-receiver/sender_receiver/envs/example-xentropy.py
M sender-receiver/sender-receiver/sender_receiver/logs.txt
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```



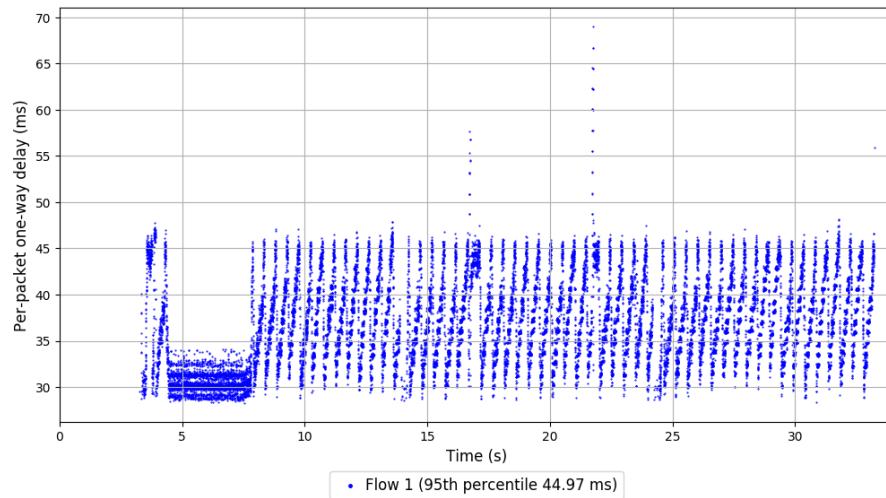
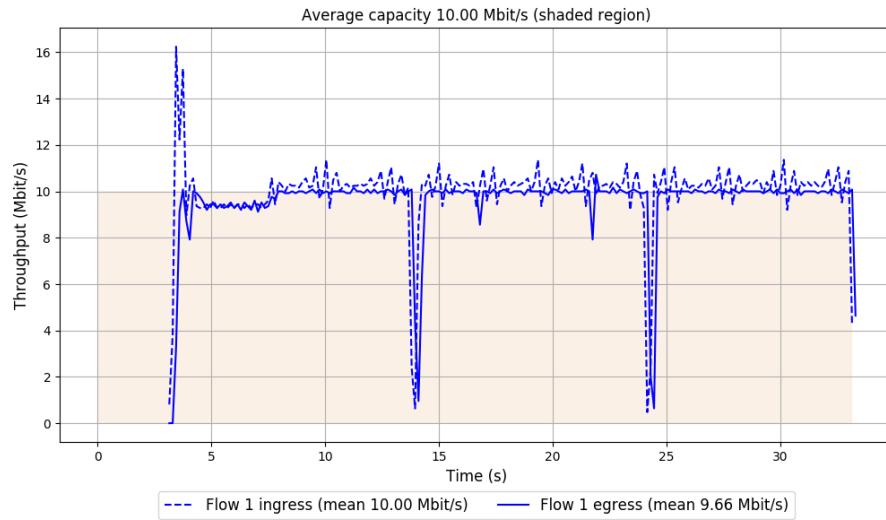
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	9.70	45.09	3.94
Eagle-001	10	8.21	43.60	4.57
Eagle-003	10	4.97	40.56	2.70
Eagle-004	10	8.74	43.25	2.51
Eagle-005	10	4.74	39.11	2.82
Eagle-006	10	5.10	43.18	5.02
Eagle-007	10	5.40	35.39	1.51
Eagle-008	10	3.36	38.89	2.67
Indigo	10	8.99	40.62	4.44
Synthesized-BBR	10	7.77	42.69	0.78

```
Run 1: Statistics of TCP BBR

Start at: 2019-10-27 06:36:35
End at: 2019-10-27 06:37:05

# Below is generated by plot.py at 2019-10-27 07:43:40
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 9.66 Mbit/s (96.6% utilization)
95th percentile per-packet one-way delay: 44.966 ms
Loss rate: 3.51%
-- Flow 1:
Average throughput: 9.66 Mbit/s
95th percentile per-packet one-way delay: 44.966 ms
Loss rate: 3.51%
```

Run 1: Report of TCP BBR — Data Link



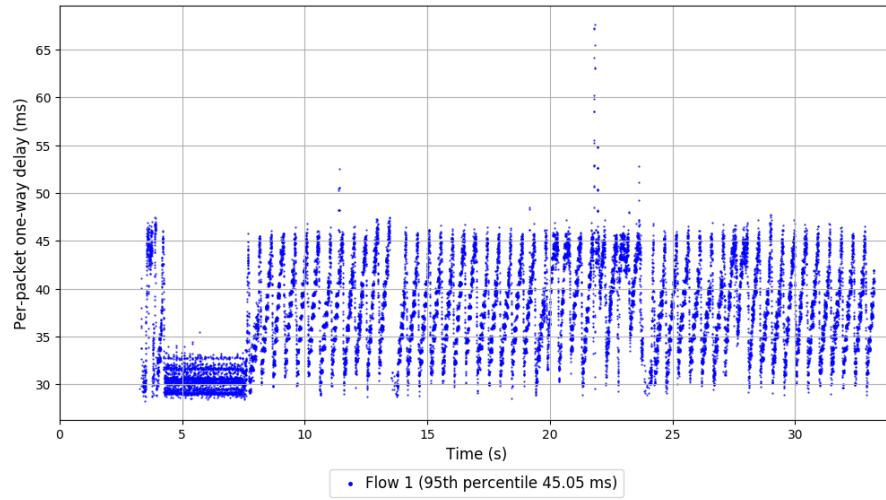
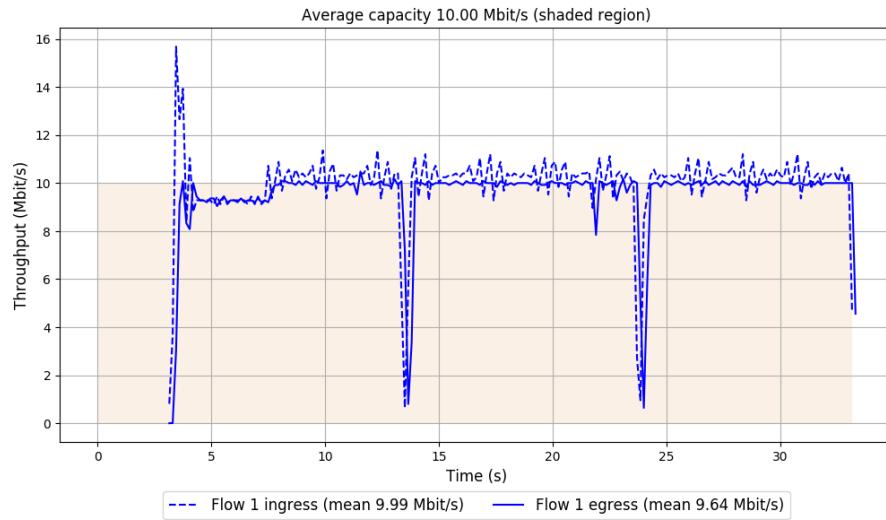
Run 2: Statistics of TCP BBR

Start at: 2019-10-27 06:42:20

End at: 2019-10-27 06:42:50

```
# Below is generated by plot.py at 2019-10-27 07:43:40
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 9.64 Mbit/s (96.4% utilization)
95th percentile per-packet one-way delay: 45.051 ms
Loss rate: 3.61%
-- Flow 1:
Average throughput: 9.64 Mbit/s
95th percentile per-packet one-way delay: 45.051 ms
Loss rate: 3.61%
```

Run 2: Report of TCP BBR — Data Link



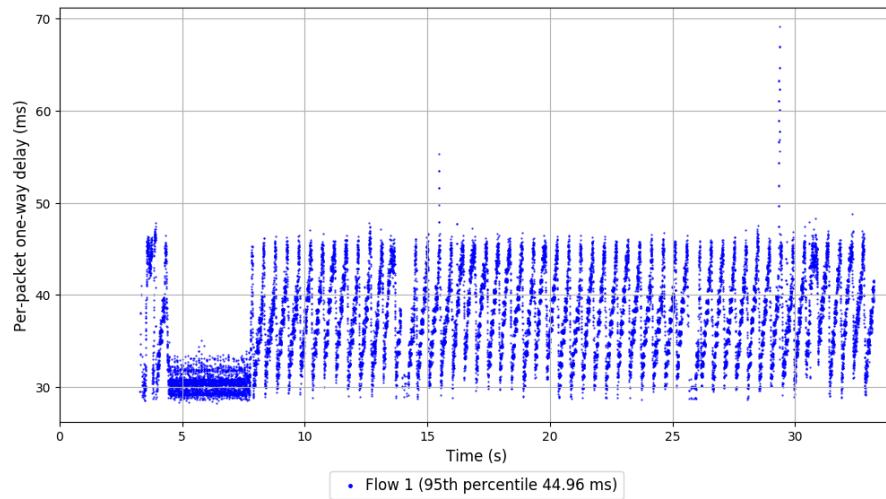
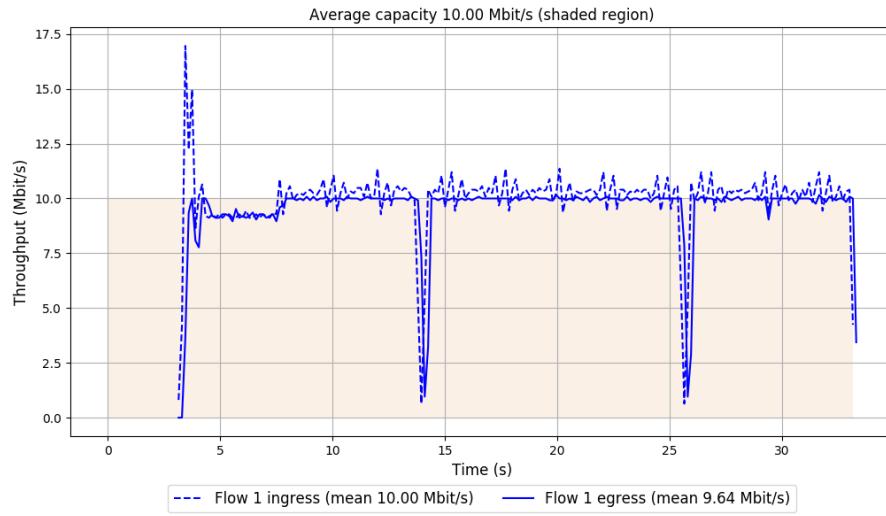
Run 3: Statistics of TCP BBR

Start at: 2019-10-27 06:48:06

End at: 2019-10-27 06:48:36

```
# Below is generated by plot.py at 2019-10-27 07:43:40
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 9.64 Mbit/s (96.4% utilization)
95th percentile per-packet one-way delay: 44.963 ms
Loss rate: 3.66%
-- Flow 1:
Average throughput: 9.64 Mbit/s
95th percentile per-packet one-way delay: 44.963 ms
Loss rate: 3.66%
```

Run 3: Report of TCP BBR — Data Link



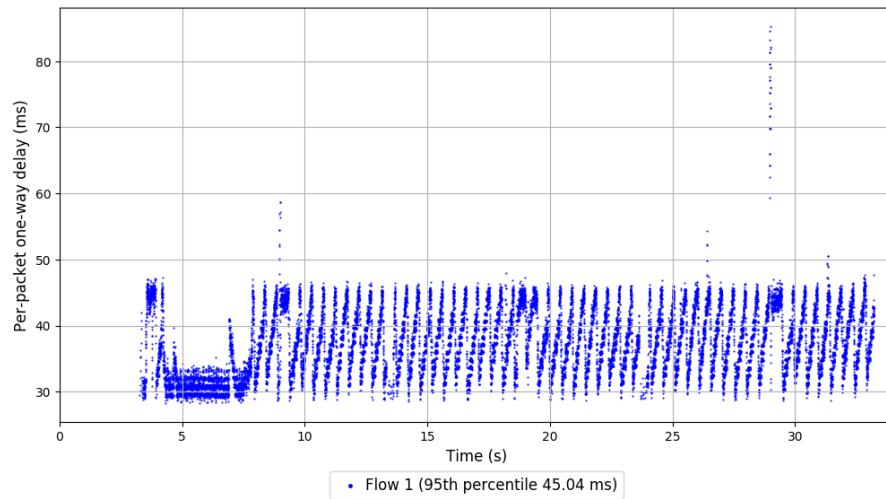
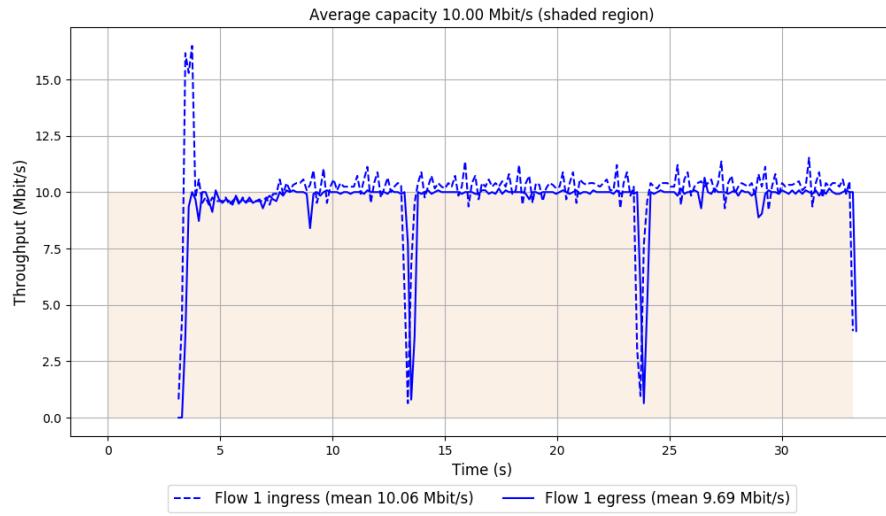
Run 4: Statistics of TCP BBR

Start at: 2019-10-27 06:53:50

End at: 2019-10-27 06:54:20

```
# Below is generated by plot.py at 2019-10-27 07:43:40
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 9.69 Mbit/s (96.9% utilization)
95th percentile per-packet one-way delay: 45.040 ms
Loss rate: 3.84%
-- Flow 1:
Average throughput: 9.69 Mbit/s
95th percentile per-packet one-way delay: 45.040 ms
Loss rate: 3.84%
```

Run 4: Report of TCP BBR — Data Link



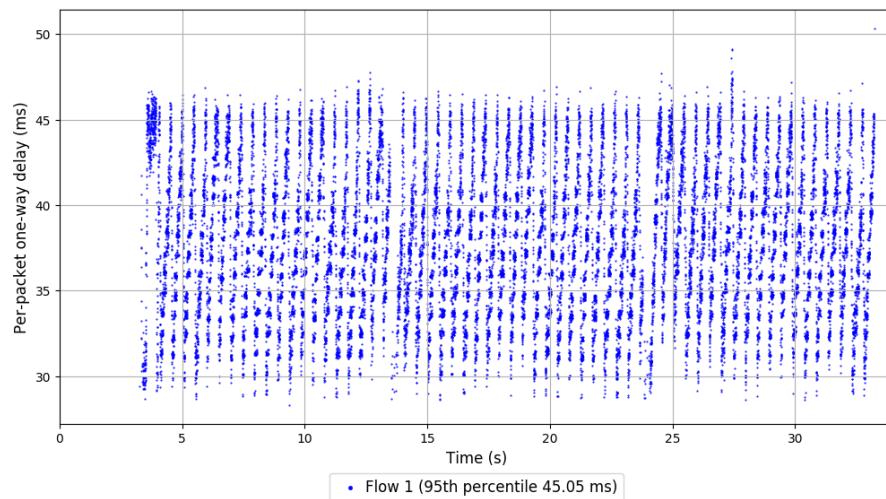
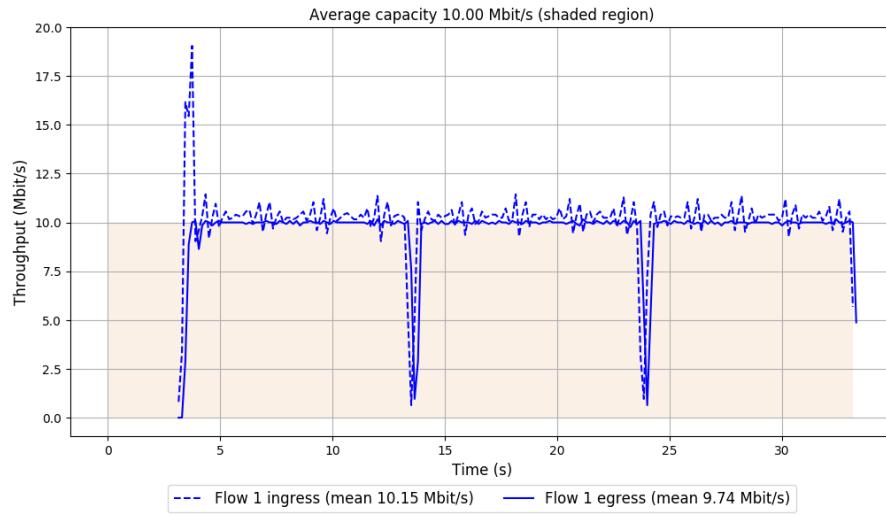
Run 5: Statistics of TCP BBR

Start at: 2019-10-27 06:59:36

End at: 2019-10-27 07:00:06

```
# Below is generated by plot.py at 2019-10-27 07:43:48
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 9.74 Mbit/s (97.4% utilization)
95th percentile per-packet one-way delay: 45.052 ms
Loss rate: 4.09%
-- Flow 1:
Average throughput: 9.74 Mbit/s
95th percentile per-packet one-way delay: 45.052 ms
Loss rate: 4.09%
```

Run 5: Report of TCP BBR — Data Link



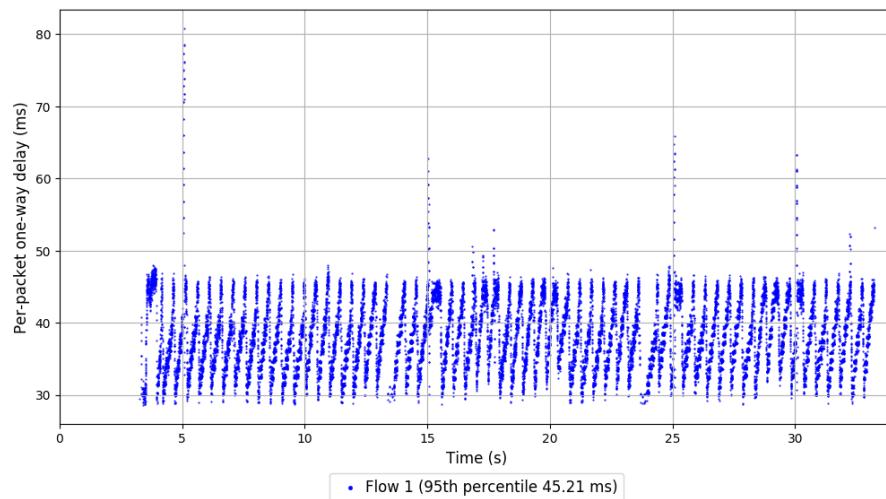
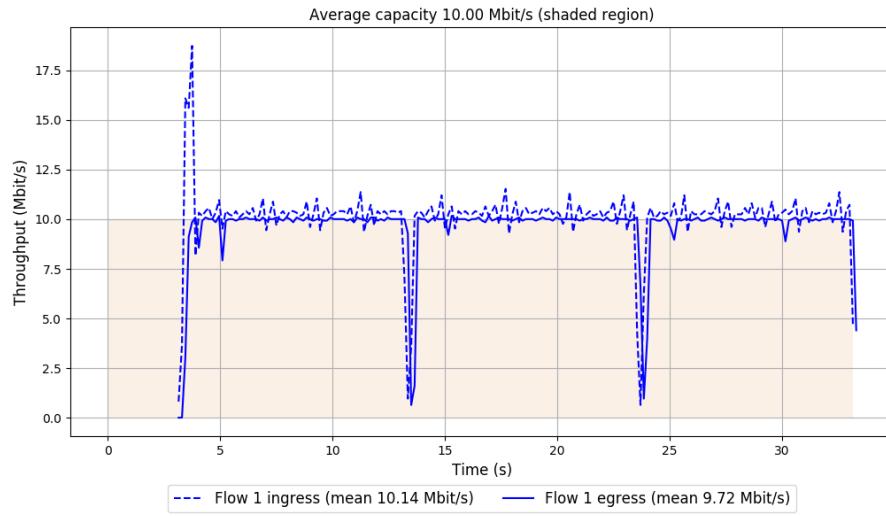
Run 6: Statistics of TCP BBR

Start at: 2019-10-27 07:05:20

End at: 2019-10-27 07:05:50

```
# Below is generated by plot.py at 2019-10-27 07:43:49
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 9.72 Mbit/s (97.2% utilization)
95th percentile per-packet one-way delay: 45.214 ms
Loss rate: 4.25%
-- Flow 1:
Average throughput: 9.72 Mbit/s
95th percentile per-packet one-way delay: 45.214 ms
Loss rate: 4.25%
```

Run 6: Report of TCP BBR — Data Link



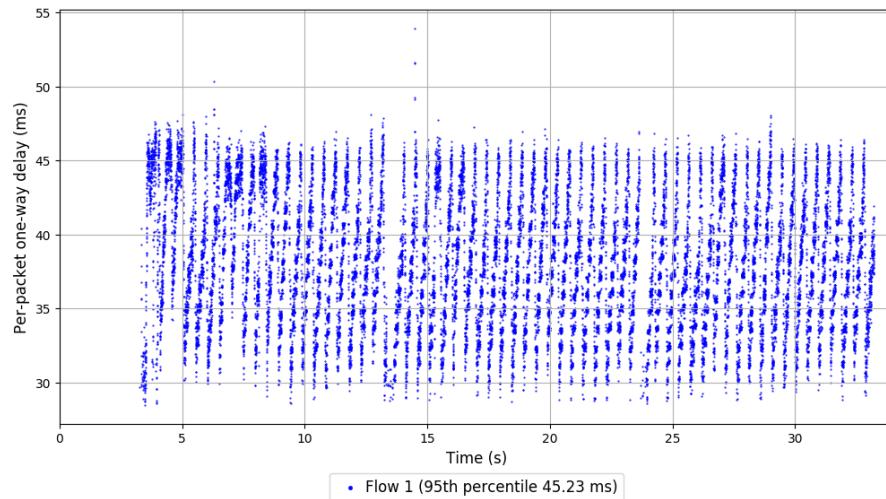
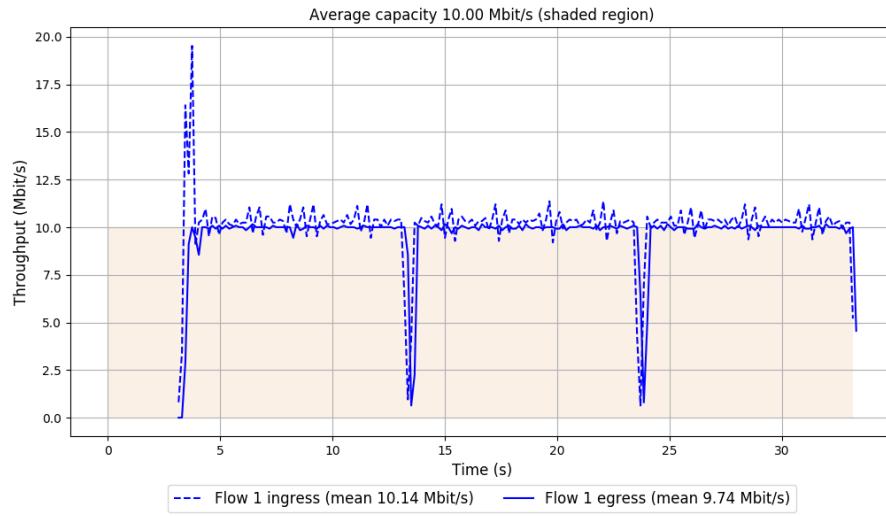
Run 7: Statistics of TCP BBR

Start at: 2019-10-27 07:11:07

End at: 2019-10-27 07:11:37

```
# Below is generated by plot.py at 2019-10-27 07:43:49
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 9.74 Mbit/s (97.4% utilization)
95th percentile per-packet one-way delay: 45.225 ms
Loss rate: 4.02%
-- Flow 1:
Average throughput: 9.74 Mbit/s
95th percentile per-packet one-way delay: 45.225 ms
Loss rate: 4.02%
```

Run 7: Report of TCP BBR — Data Link



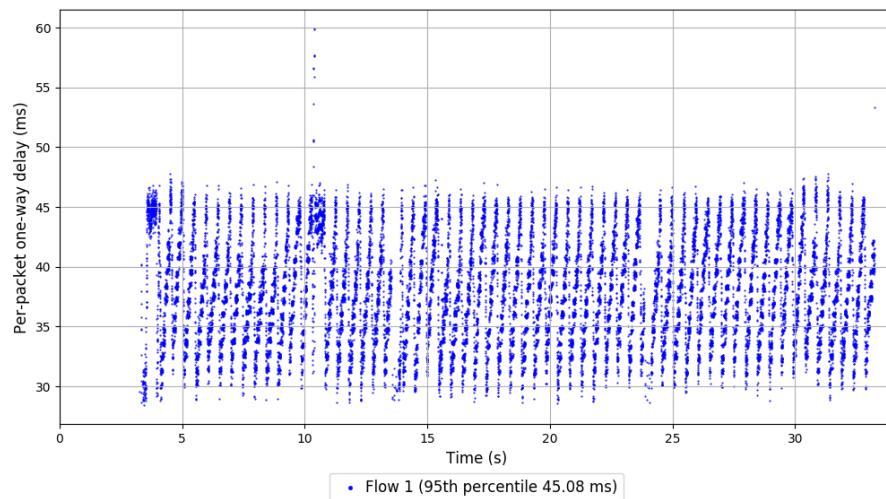
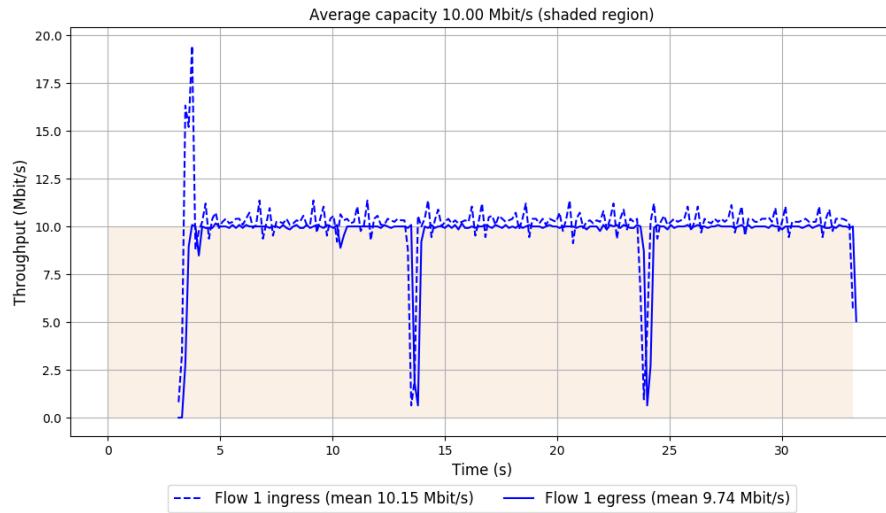
Run 8: Statistics of TCP BBR

Start at: 2019-10-27 07:16:53

End at: 2019-10-27 07:17:23

```
# Below is generated by plot.py at 2019-10-27 07:43:49
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 9.74 Mbit/s (97.4% utilization)
95th percentile per-packet one-way delay: 45.076 ms
Loss rate: 4.16%
-- Flow 1:
Average throughput: 9.74 Mbit/s
95th percentile per-packet one-way delay: 45.076 ms
Loss rate: 4.16%
```

Run 8: Report of TCP BBR — Data Link



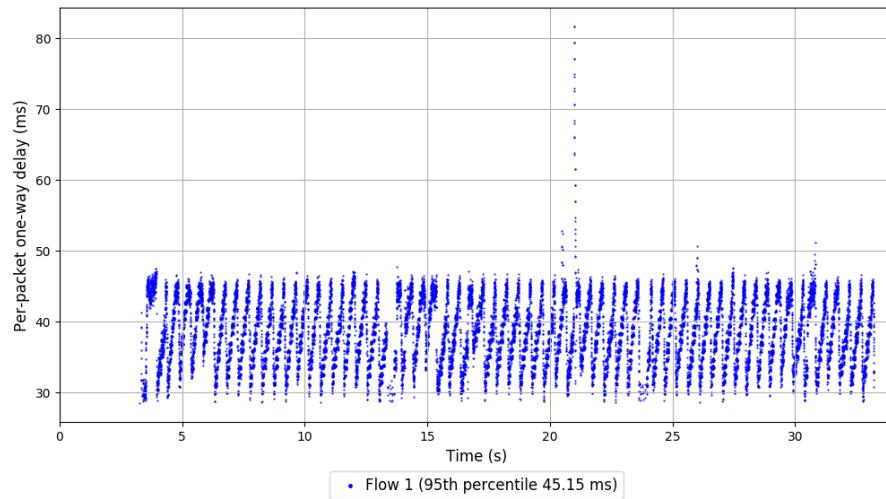
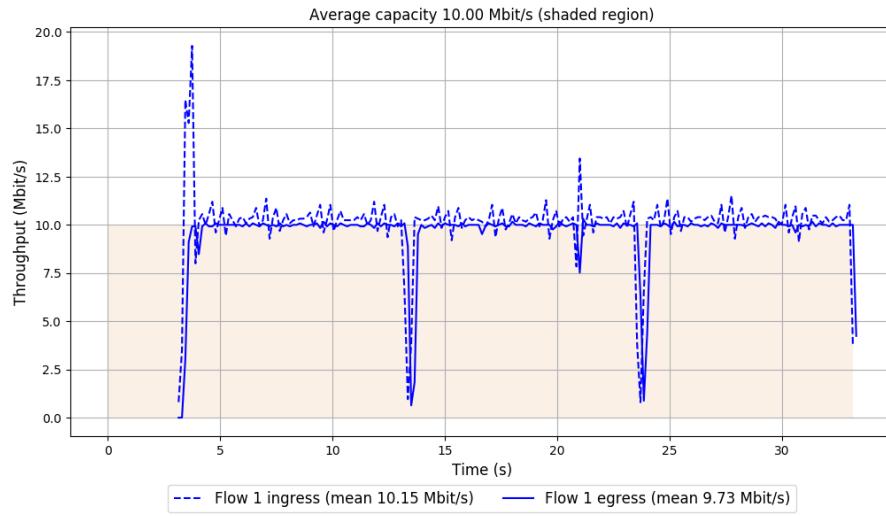
Run 9: Statistics of TCP BBR

Start at: 2019-10-27 07:22:39

End at: 2019-10-27 07:23:09

```
# Below is generated by plot.py at 2019-10-27 07:43:56
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 9.73 Mbit/s (97.3% utilization)
95th percentile per-packet one-way delay: 45.148 ms
Loss rate: 4.25%
-- Flow 1:
Average throughput: 9.73 Mbit/s
95th percentile per-packet one-way delay: 45.148 ms
Loss rate: 4.25%
```

Run 9: Report of TCP BBR — Data Link



```
Run 10: Statistics of TCP BBR
```

```
Start at: 2019-10-27 07:28:25
```

```
End at: 2019-10-27 07:28:55
```

```
# Below is generated by plot.py at 2019-10-27 07:43:58
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average capacity: 10.00 Mbit/s
```

```
Average throughput: 9.73 Mbit/s (97.3% utilization)
```

```
95th percentile per-packet one-way delay: 45.204 ms
```

```
Loss rate: 3.96%
```

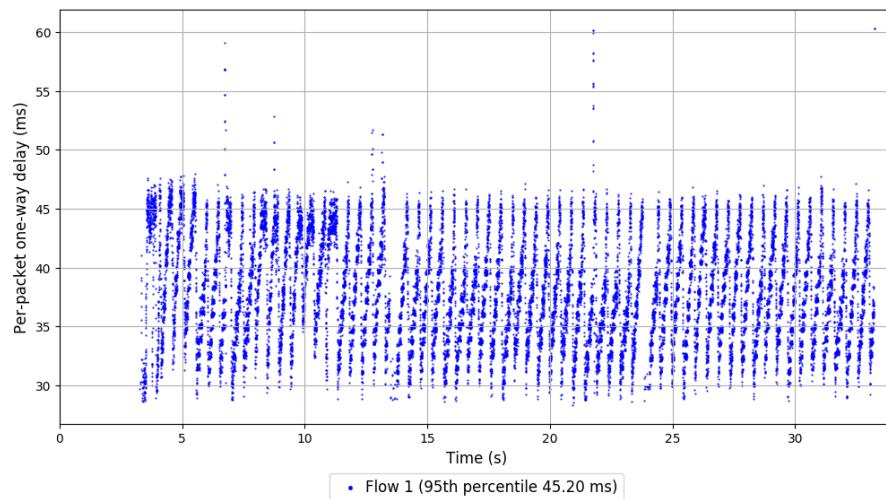
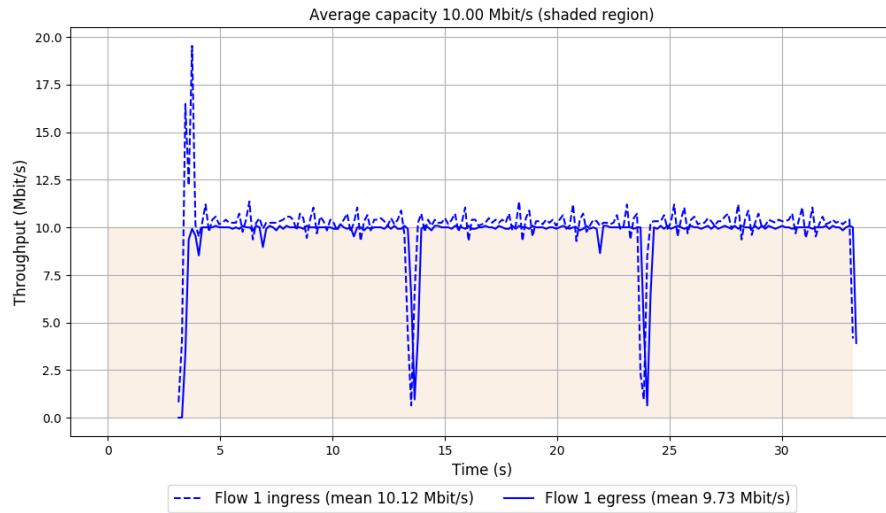
```
-- Flow 1:
```

```
Average throughput: 9.73 Mbit/s
```

```
95th percentile per-packet one-way delay: 45.204 ms
```

```
Loss rate: 3.96%
```

Run 10: Report of TCP BBR — Data Link

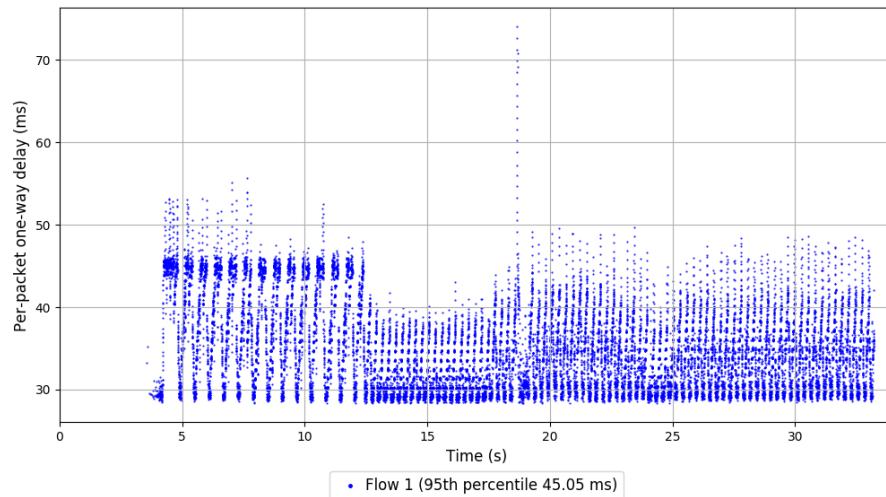
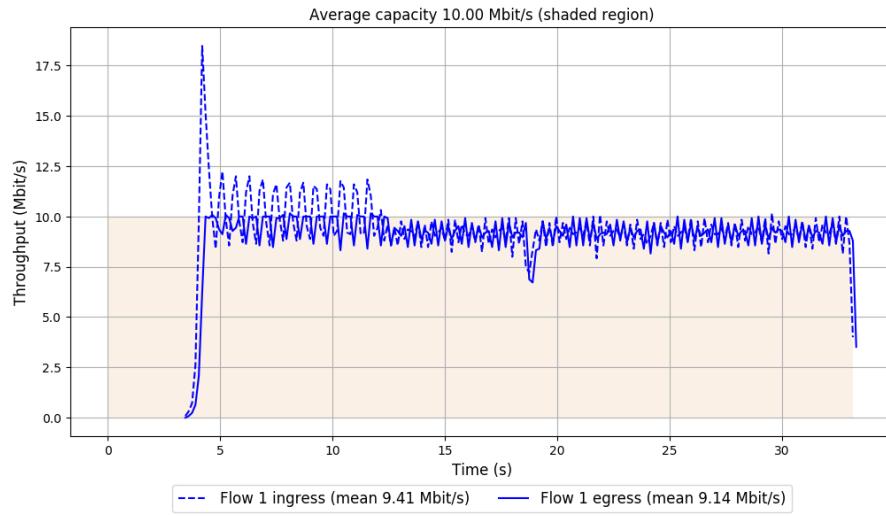


```
Run 1: Statistics of Eagle-001

Start at: 2019-10-27 06:31:59
End at: 2019-10-27 06:32:29

# Below is generated by plot.py at 2019-10-27 07:43:58
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 9.14 Mbit/s (91.4% utilization)
95th percentile per-packet one-way delay: 45.046 ms
Loss rate: 2.94%
-- Flow 1:
Average throughput: 9.14 Mbit/s
95th percentile per-packet one-way delay: 45.046 ms
Loss rate: 2.94%
```

Run 1: Report of Eagle-001 — Data Link

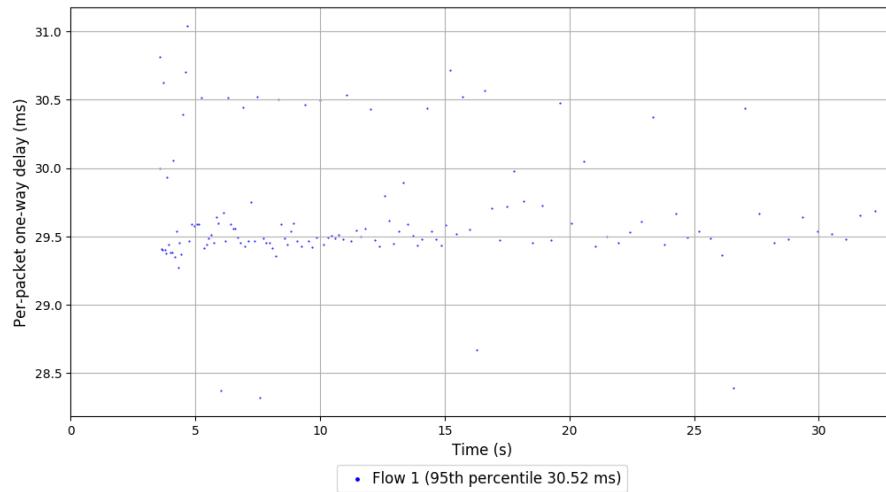
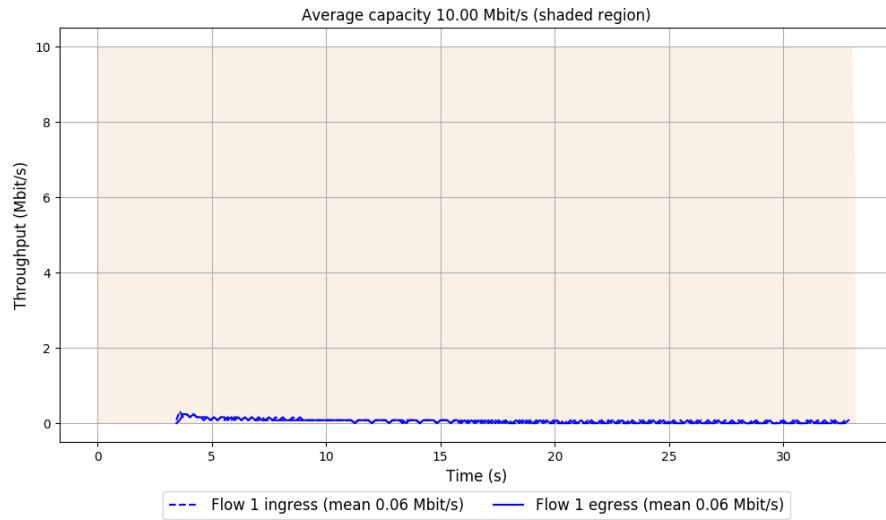


```
Run 2: Statistics of Eagle-001

Start at: 2019-10-27 06:37:44
End at: 2019-10-27 06:38:14

# Below is generated by plot.py at 2019-10-27 07:43:58
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 0.06 Mbit/s (0.6% utilization)
95th percentile per-packet one-way delay: 30.525 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 30.525 ms
Loss rate: 0.00%
```

Run 2: Report of Eagle-001 — Data Link

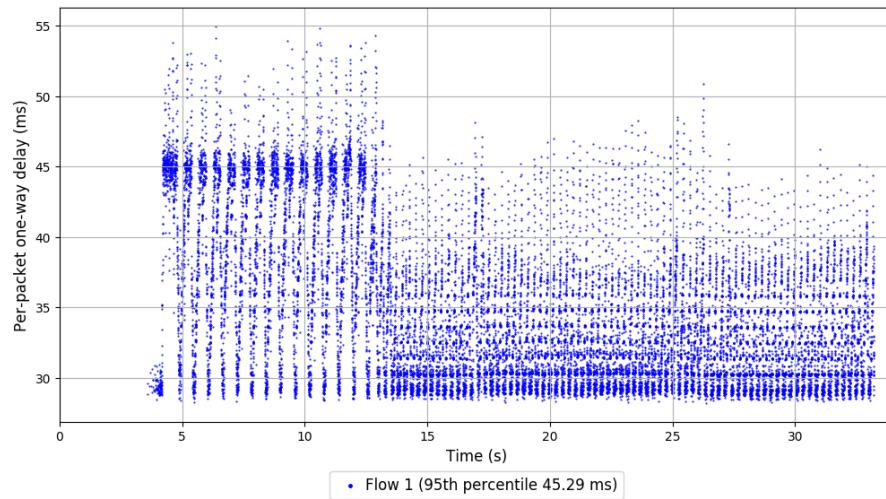
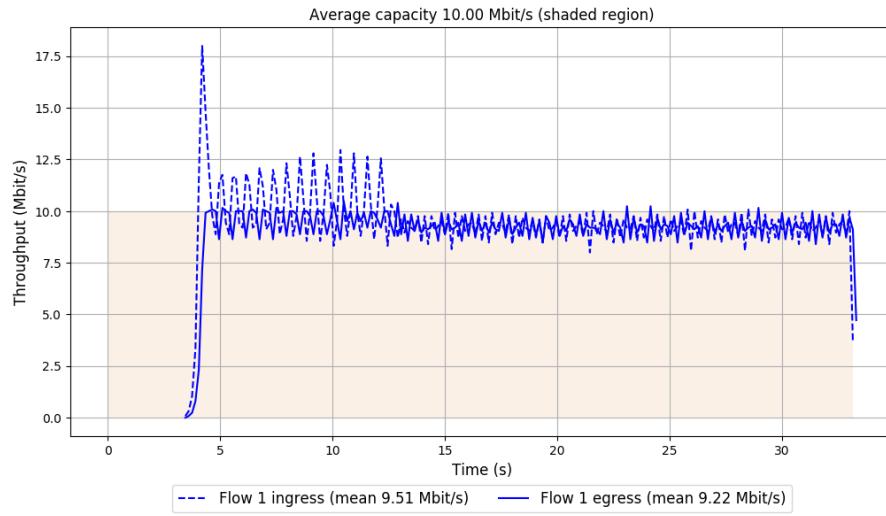


```
Run 3: Statistics of Eagle-001

Start at: 2019-10-27 06:43:29
End at: 2019-10-27 06:43:59

# Below is generated by plot.py at 2019-10-27 07:44:01
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 9.22 Mbit/s (92.2% utilization)
95th percentile per-packet one-way delay: 45.290 ms
Loss rate: 3.10%
-- Flow 1:
Average throughput: 9.22 Mbit/s
95th percentile per-packet one-way delay: 45.290 ms
Loss rate: 3.10%
```

Run 3: Report of Eagle-001 — Data Link



Run 4: Statistics of Eagle-001

Start at: 2019-10-27 06:49:15

End at: 2019-10-27 06:49:45

Below is generated by plot.py at 2019-10-27 07:44:04

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 9.53 Mbit/s (95.3% utilization)

95th percentile per-packet one-way delay: 45.925 ms

Loss rate: 7.18%

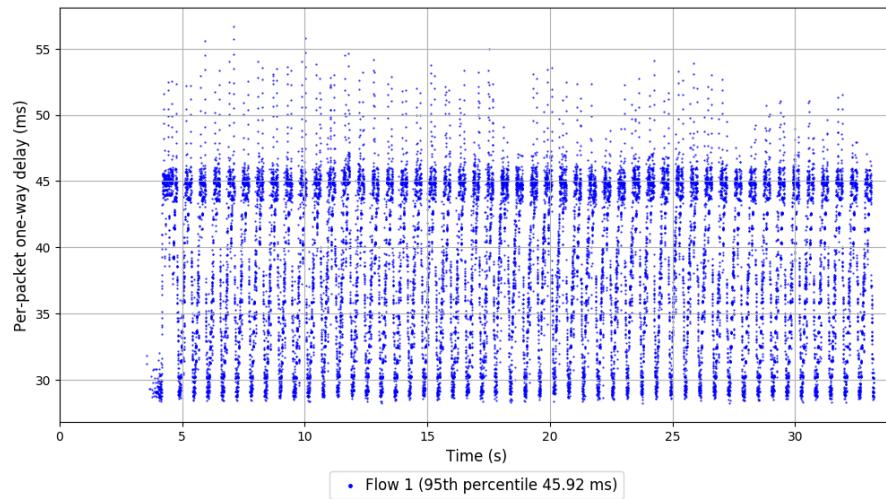
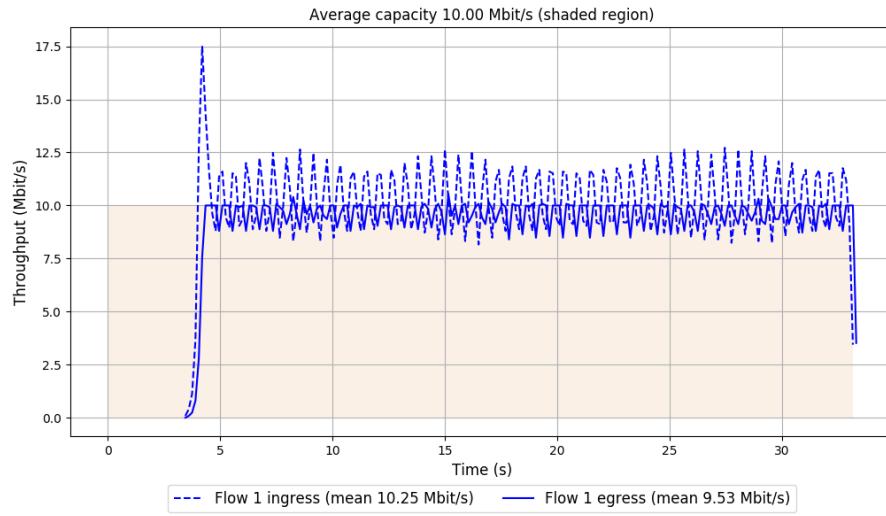
-- Flow 1:

Average throughput: 9.53 Mbit/s

95th percentile per-packet one-way delay: 45.925 ms

Loss rate: 7.18%

Run 4: Report of Eagle-001 — Data Link

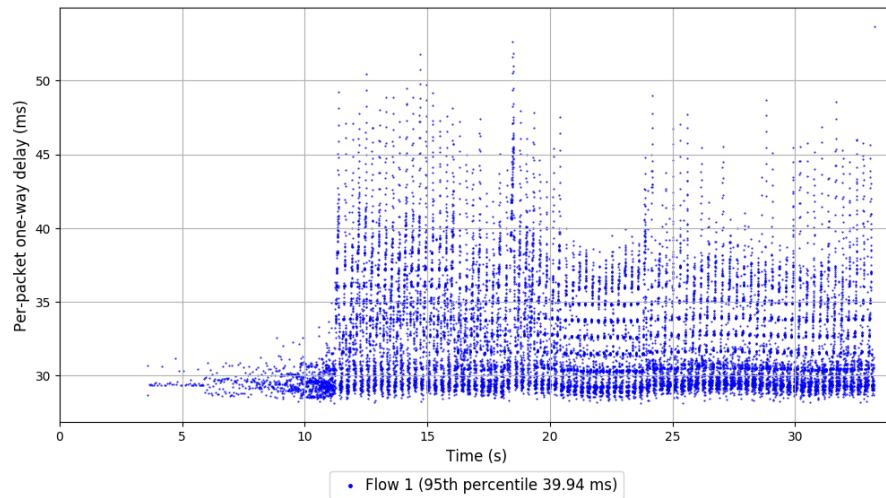
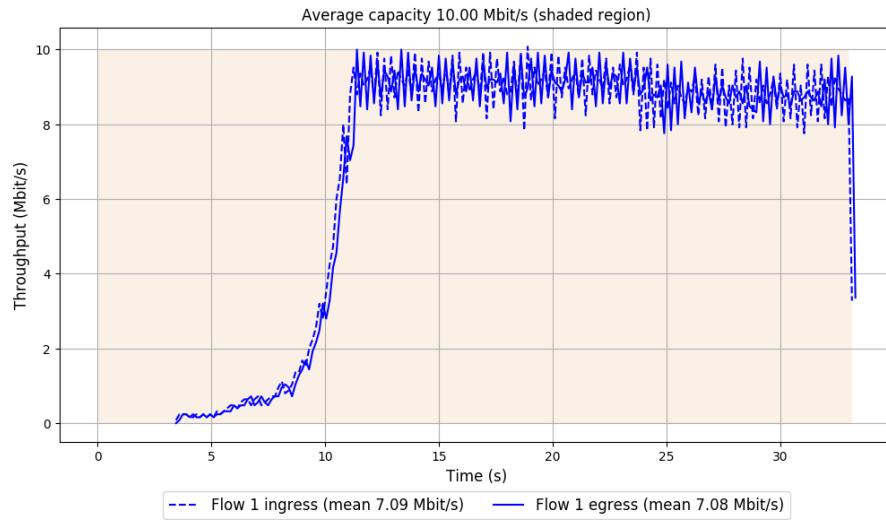


```
Run 5: Statistics of Eagle-001

Start at: 2019-10-27 06:54:59
End at: 2019-10-27 06:55:29

# Below is generated by plot.py at 2019-10-27 07:44:05
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 7.08 Mbit/s (70.8% utilization)
95th percentile per-packet one-way delay: 39.937 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 7.08 Mbit/s
95th percentile per-packet one-way delay: 39.937 ms
Loss rate: 0.12%
```

Run 5: Report of Eagle-001 — Data Link

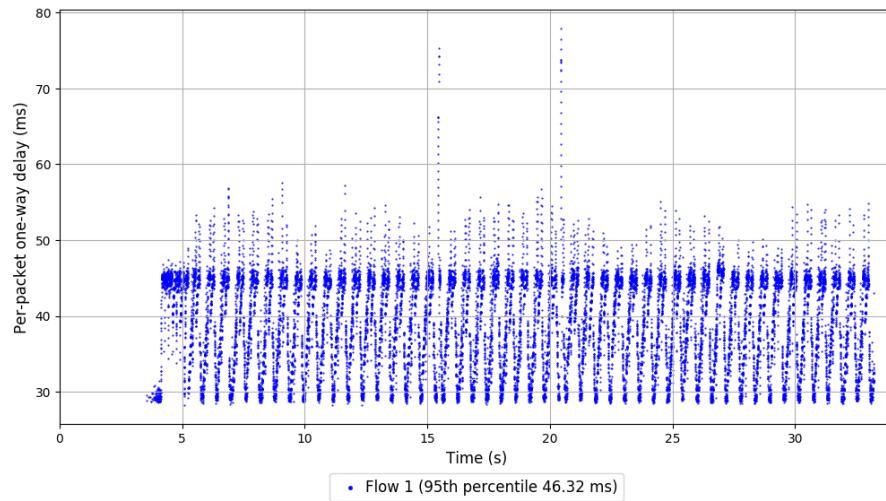
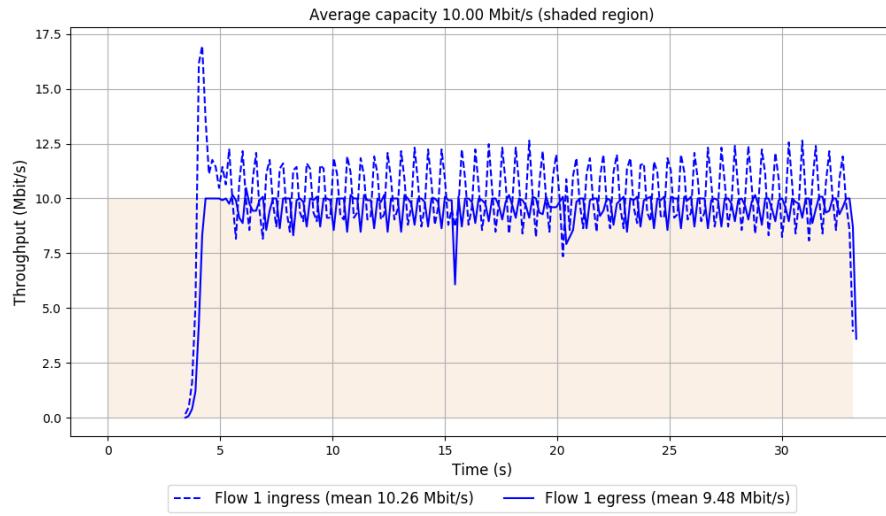


```
Run 6: Statistics of Eagle-001

Start at: 2019-10-27 07:00:45
End at: 2019-10-27 07:01:15

# Below is generated by plot.py at 2019-10-27 07:44:07
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 9.48 Mbit/s (94.8% utilization)
95th percentile per-packet one-way delay: 46.317 ms
Loss rate: 7.61%
-- Flow 1:
Average throughput: 9.48 Mbit/s
95th percentile per-packet one-way delay: 46.317 ms
Loss rate: 7.61%
```

Run 6: Report of Eagle-001 — Data Link

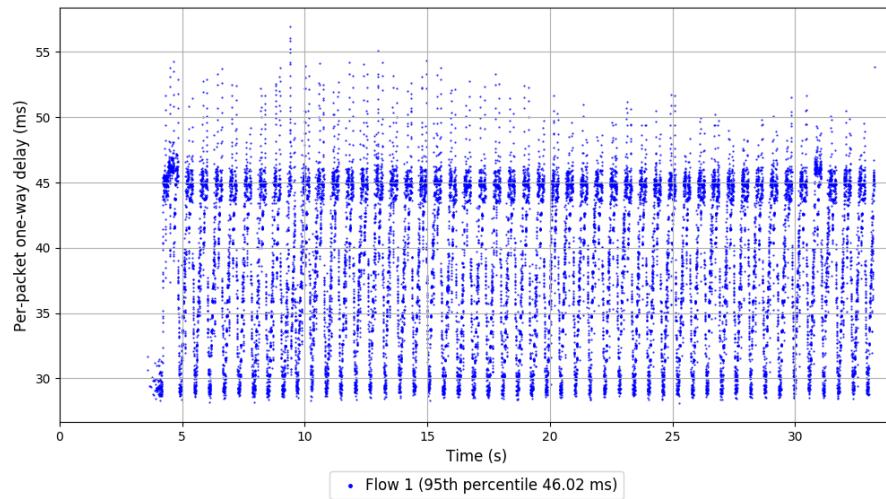
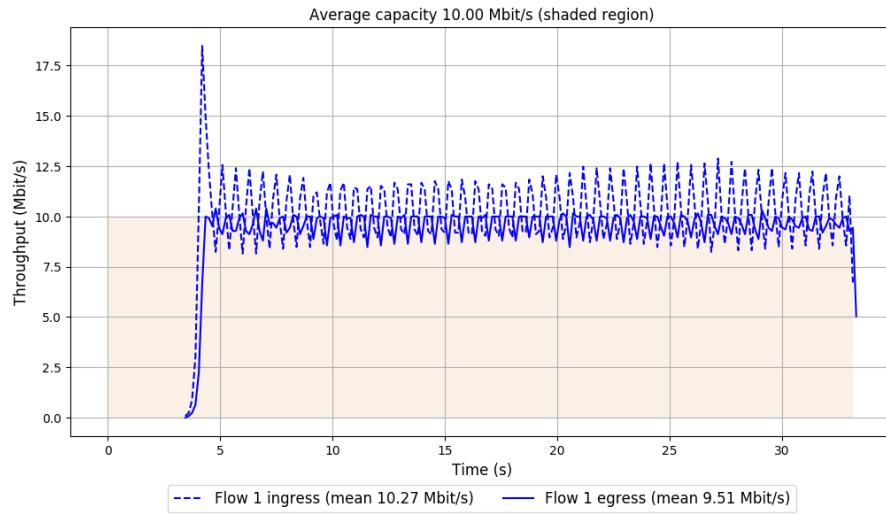


```
Run 7: Statistics of Eagle-001

Start at: 2019-10-27 07:06:30
End at: 2019-10-27 07:07:00

# Below is generated by plot.py at 2019-10-27 07:44:09
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 9.51 Mbit/s (95.1% utilization)
95th percentile per-packet one-way delay: 46.023 ms
Loss rate: 7.45%
-- Flow 1:
Average throughput: 9.51 Mbit/s
95th percentile per-packet one-way delay: 46.023 ms
Loss rate: 7.45%
```

Run 7: Report of Eagle-001 — Data Link



Run 8: Statistics of Eagle-001

Start at: 2019-10-27 07:12:16

End at: 2019-10-27 07:12:46

Below is generated by plot.py at 2019-10-27 07:44:13

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 9.09 Mbit/s (90.9% utilization)

95th percentile per-packet one-way delay: 45.086 ms

Loss rate: 2.51%

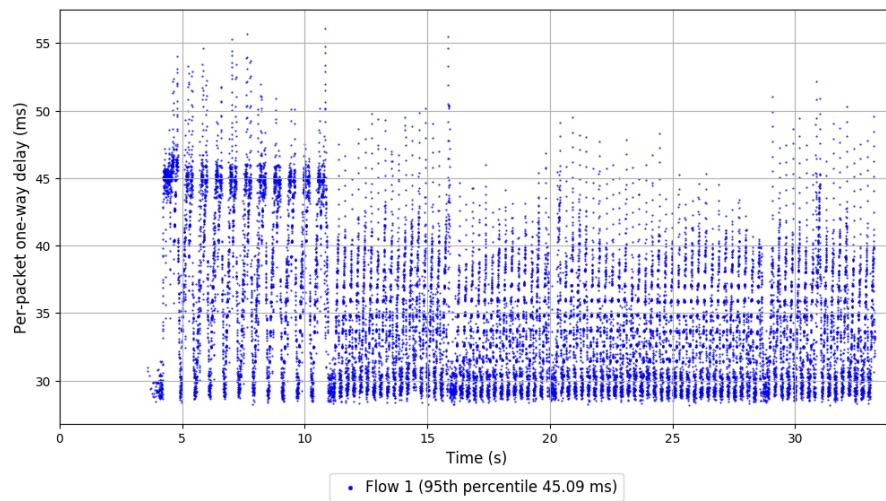
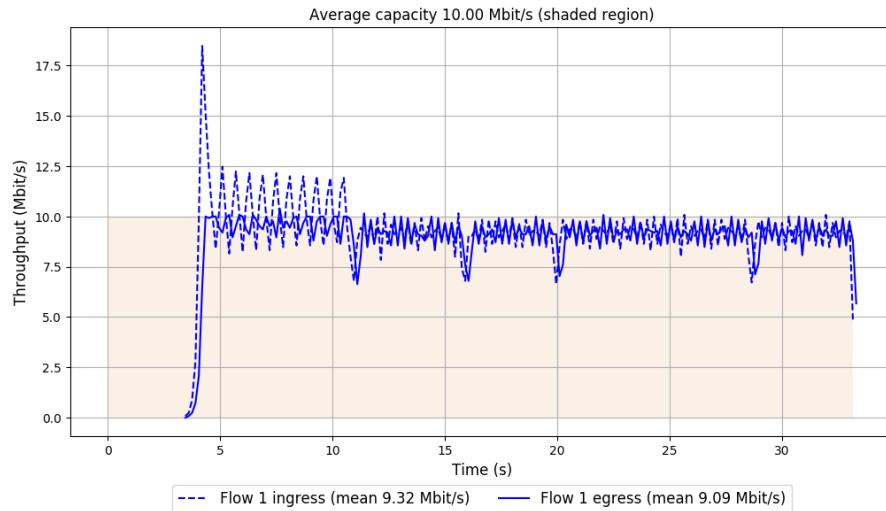
-- Flow 1:

Average throughput: 9.09 Mbit/s

95th percentile per-packet one-way delay: 45.086 ms

Loss rate: 2.51%

Run 8: Report of Eagle-001 — Data Link

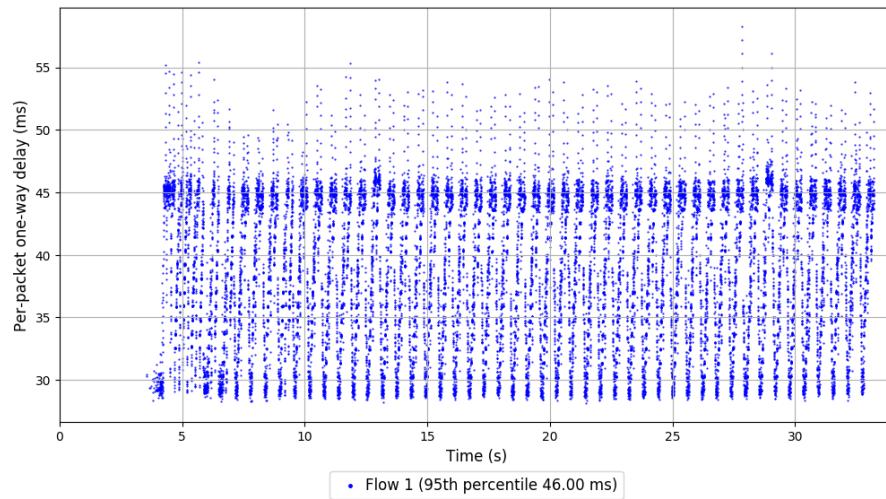
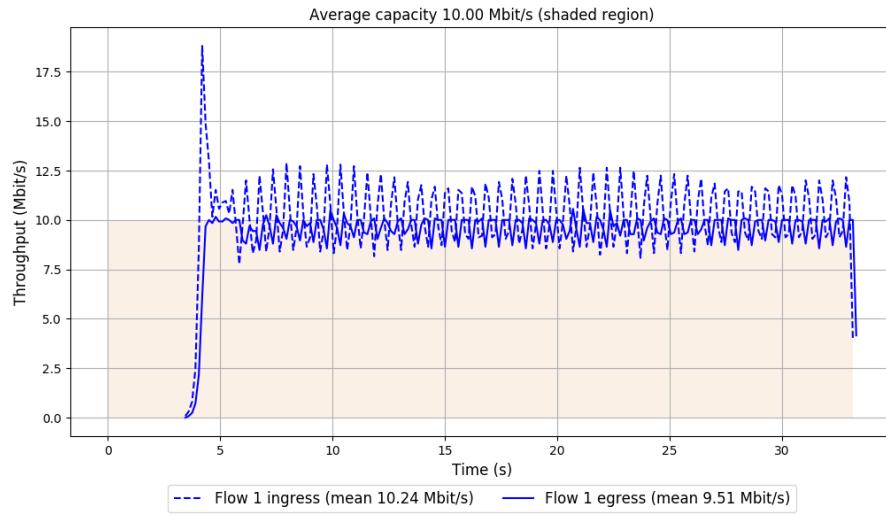


```
Run 9: Statistics of Eagle-001

Start at: 2019-10-27 07:18:02
End at: 2019-10-27 07:18:32

# Below is generated by plot.py at 2019-10-27 07:44:14
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 9.51 Mbit/s (95.1% utilization)
95th percentile per-packet one-way delay: 45.996 ms
Loss rate: 7.25%
-- Flow 1:
Average throughput: 9.51 Mbit/s
95th percentile per-packet one-way delay: 45.996 ms
Loss rate: 7.25%
```

Run 9: Report of Eagle-001 — Data Link

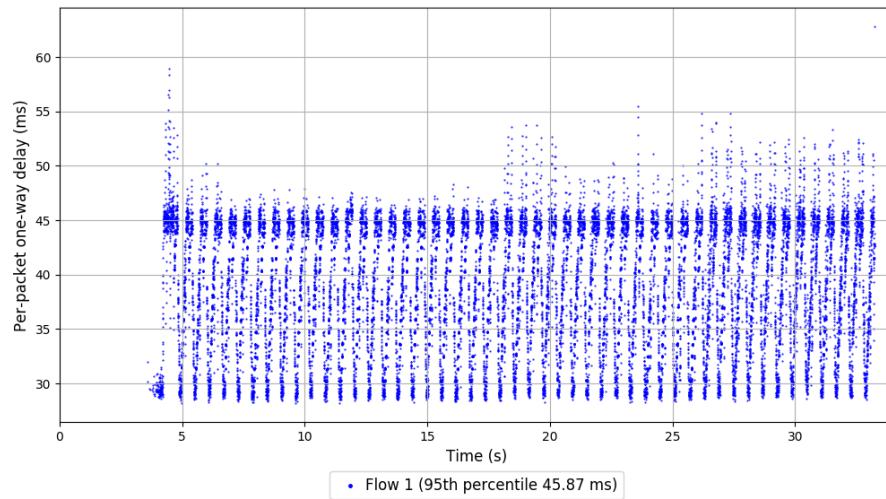
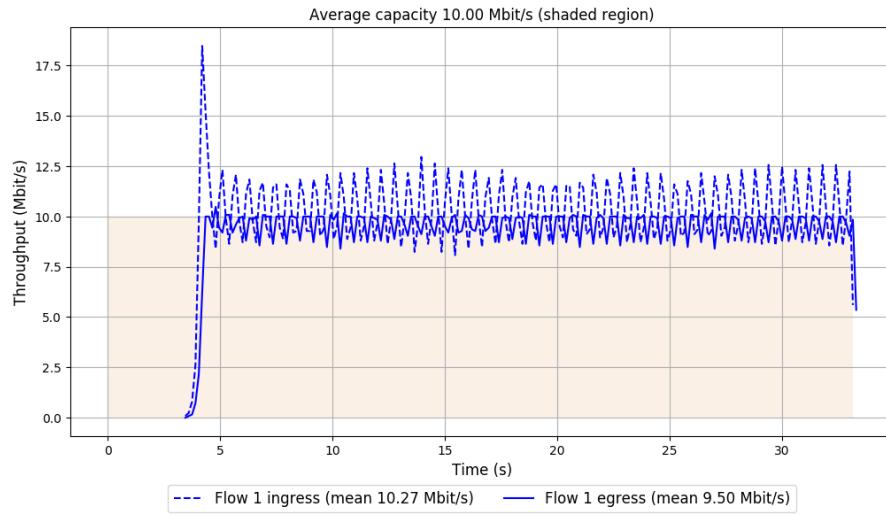


```
Run 10: Statistics of Eagle-001

Start at: 2019-10-27 07:23:48
End at: 2019-10-27 07:24:18

# Below is generated by plot.py at 2019-10-27 07:44:16
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 9.50 Mbit/s (95.0% utilization)
95th percentile per-packet one-way delay: 45.873 ms
Loss rate: 7.58%
-- Flow 1:
Average throughput: 9.50 Mbit/s
95th percentile per-packet one-way delay: 45.873 ms
Loss rate: 7.58%
```

Run 10: Report of Eagle-001 — Data Link

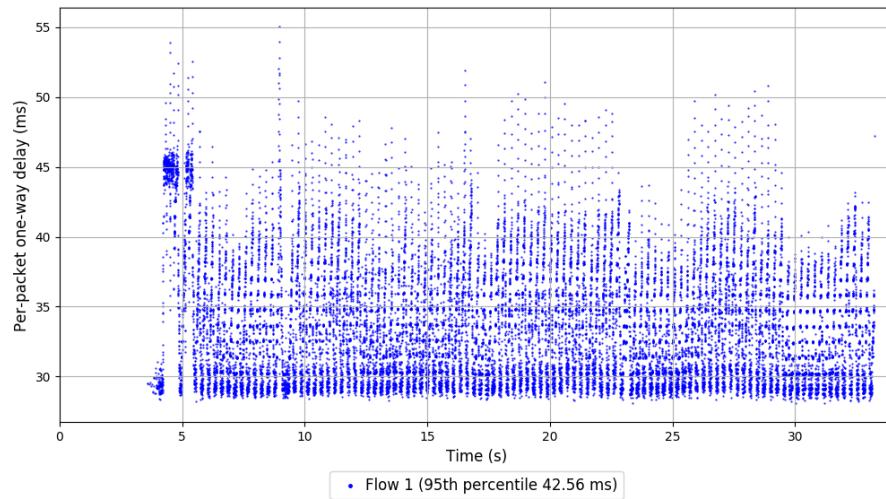
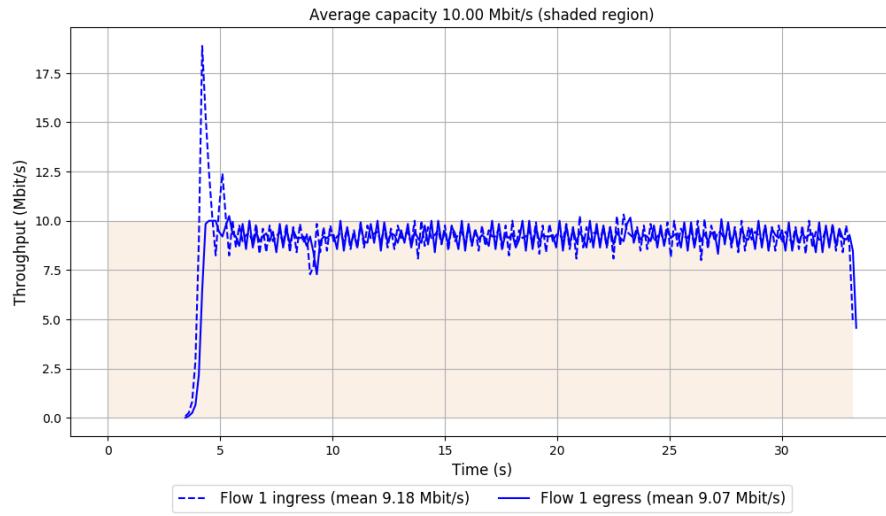


```
Run 1: Statistics of Eagle-003

Start at: 2019-10-27 06:32:34
End at: 2019-10-27 06:33:04

# Below is generated by plot.py at 2019-10-27 07:44:19
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 9.07 Mbit/s (90.7% utilization)
95th percentile per-packet one-way delay: 42.560 ms
Loss rate: 1.28%
-- Flow 1:
Average throughput: 9.07 Mbit/s
95th percentile per-packet one-way delay: 42.560 ms
Loss rate: 1.28%
```

Run 1: Report of Eagle-003 — Data Link



Run 2: Statistics of Eagle-003

Start at: 2019-10-27 06:38:18

End at: 2019-10-27 06:38:48

Below is generated by plot.py at 2019-10-27 07:44:20

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 4.99 Mbit/s (49.9% utilization)

95th percentile per-packet one-way delay: 36.341 ms

Loss rate: 1.82%

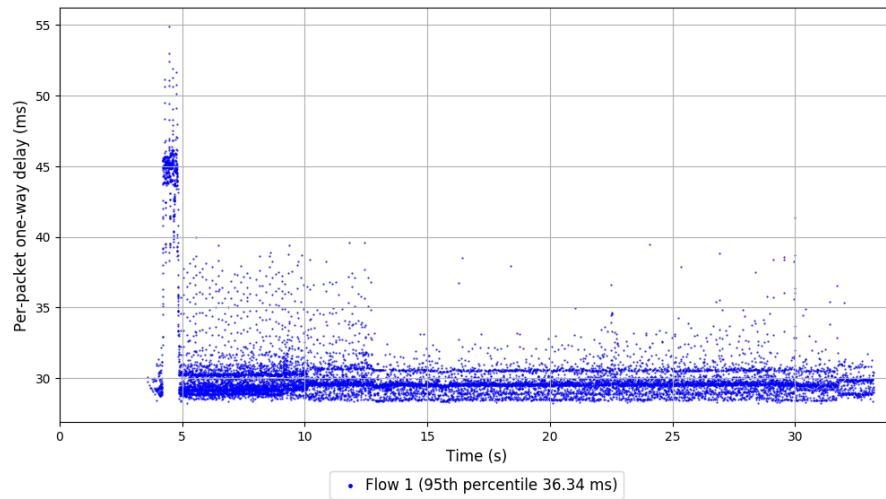
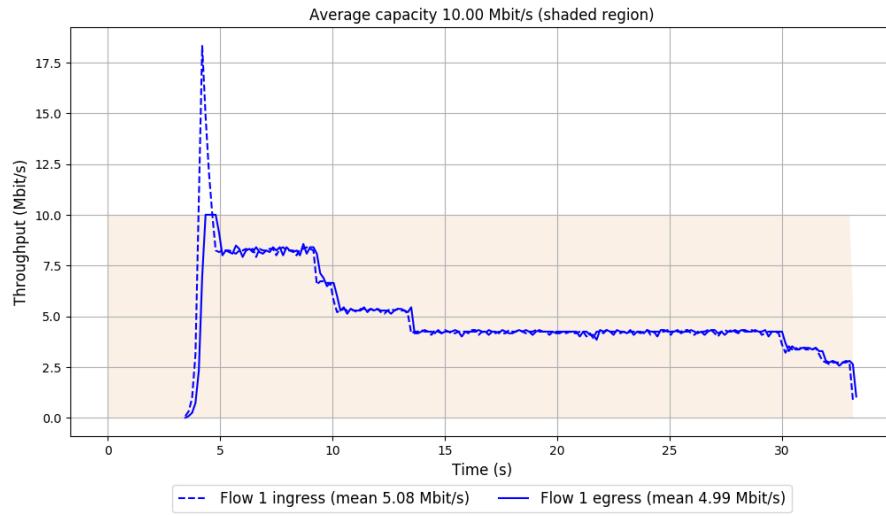
-- Flow 1:

Average throughput: 4.99 Mbit/s

95th percentile per-packet one-way delay: 36.341 ms

Loss rate: 1.82%

Run 2: Report of Eagle-003 — Data Link



Run 3: Statistics of Eagle-003

Start at: 2019-10-27 06:44:04

End at: 2019-10-27 06:44:34

Below is generated by plot.py at 2019-10-27 07:44:22

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 9.20 Mbit/s (92.0% utilization)

95th percentile per-packet one-way delay: 45.126 ms

Loss rate: 2.84%

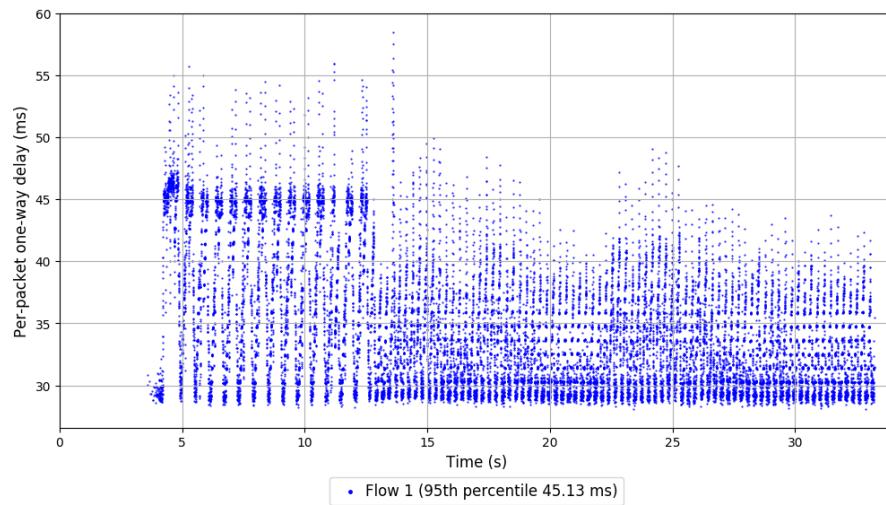
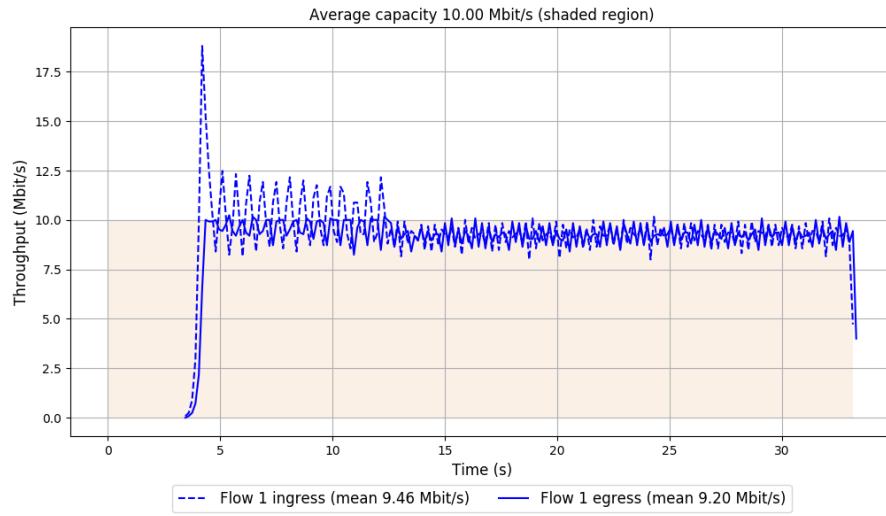
-- Flow 1:

Average throughput: 9.20 Mbit/s

95th percentile per-packet one-way delay: 45.126 ms

Loss rate: 2.84%

Run 3: Report of Eagle-003 — Data Link



Run 4: Statistics of Eagle-003

Start at: 2019-10-27 06:49:50

End at: 2019-10-27 06:50:20

Below is generated by plot.py at 2019-10-27 07:44:24

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 3.66 Mbit/s (36.6% utilization)

95th percentile per-packet one-way delay: 43.821 ms

Loss rate: 2.54%

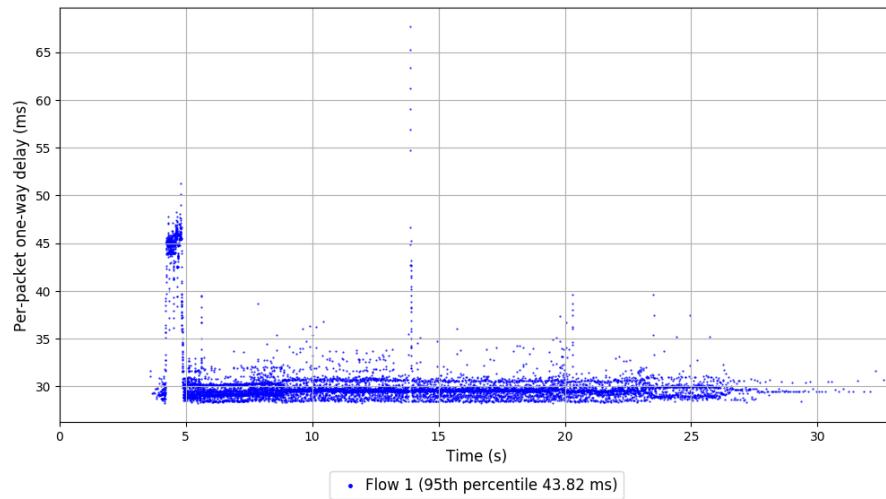
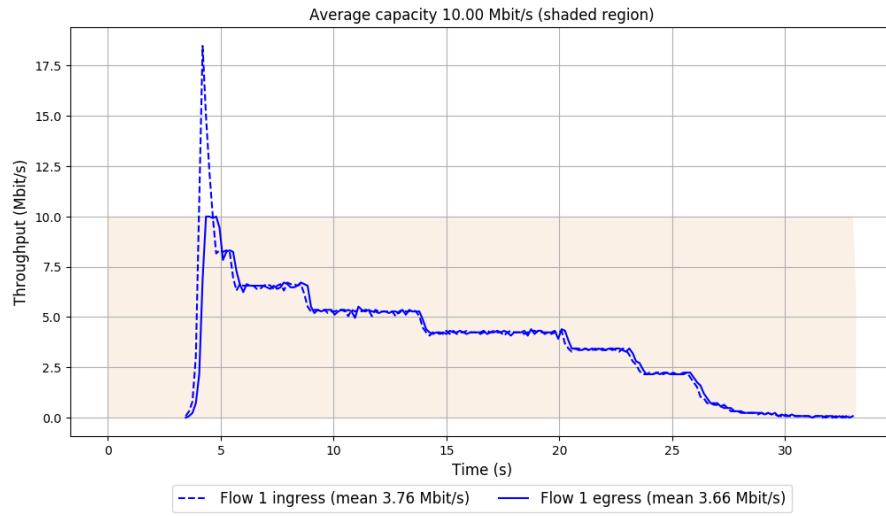
-- Flow 1:

Average throughput: 3.66 Mbit/s

95th percentile per-packet one-way delay: 43.821 ms

Loss rate: 2.54%

Run 4: Report of Eagle-003 — Data Link

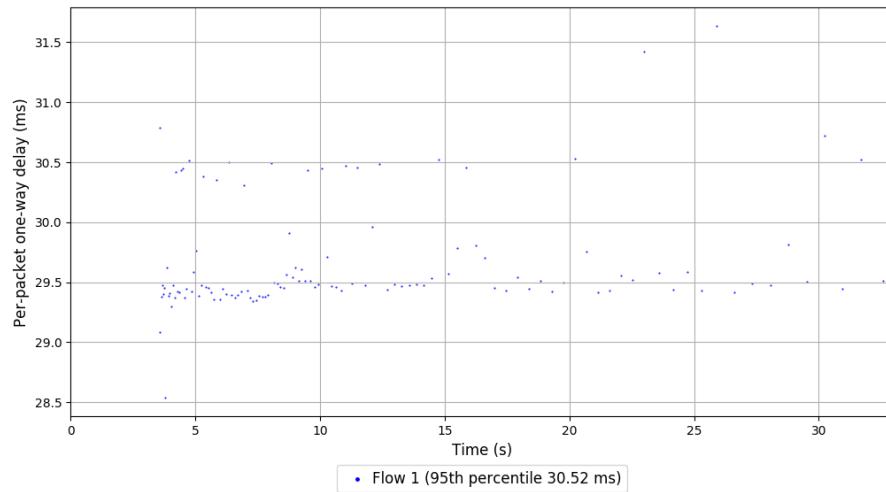
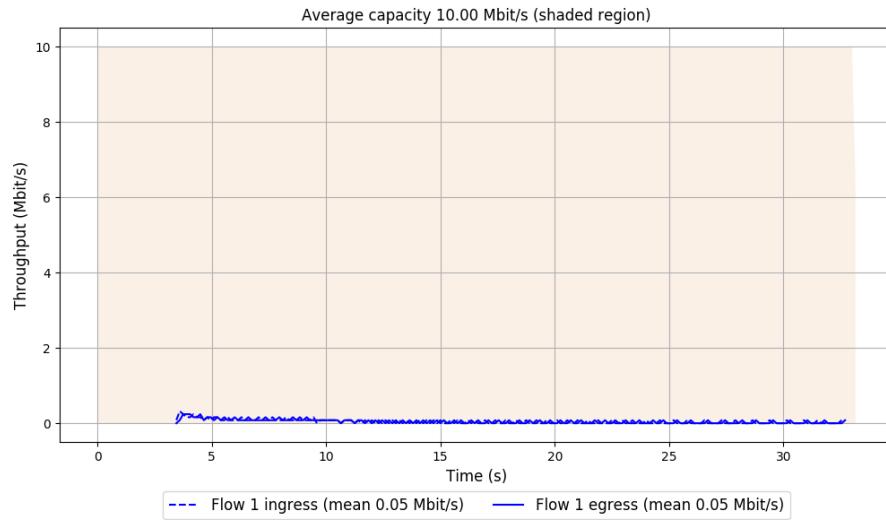


```
Run 5: Statistics of Eagle-003

Start at: 2019-10-27 06:55:34
End at: 2019-10-27 06:56:04

# Below is generated by plot.py at 2019-10-27 07:44:24
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 0.05 Mbit/s (0.5% utilization)
95th percentile per-packet one-way delay: 30.522 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 30.522 ms
Loss rate: 0.00%
```

Run 5: Report of Eagle-003 — Data Link



Run 6: Statistics of Eagle-003

Start at: 2019-10-27 07:01:19

End at: 2019-10-27 07:01:49

Below is generated by plot.py at 2019-10-27 07:44:24

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 0.84 Mbit/s (8.4% utilization)

95th percentile per-packet one-way delay: 45.633 ms

Loss rate: 9.63%

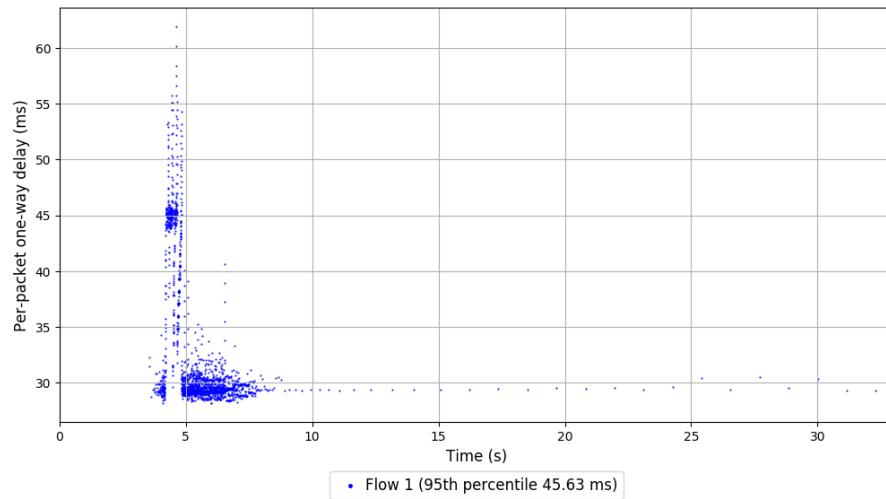
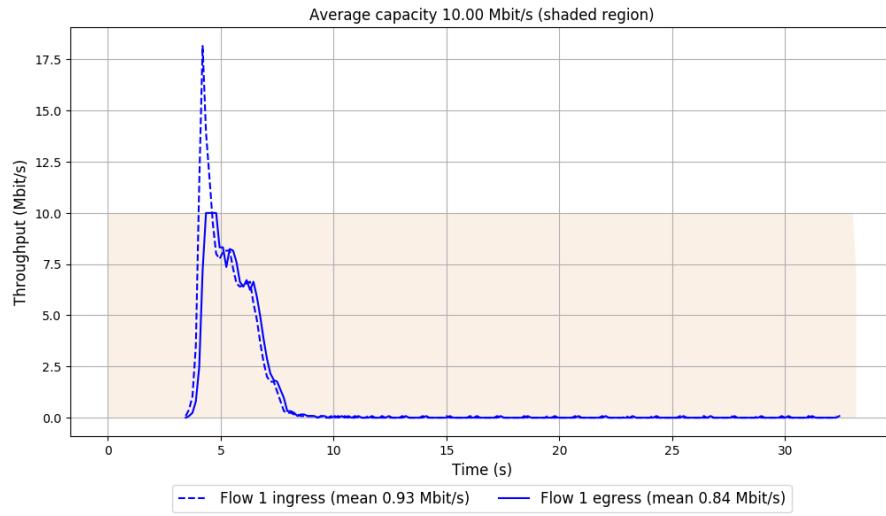
-- Flow 1:

Average throughput: 0.84 Mbit/s

95th percentile per-packet one-way delay: 45.633 ms

Loss rate: 9.63%

Run 6: Report of Eagle-003 — Data Link

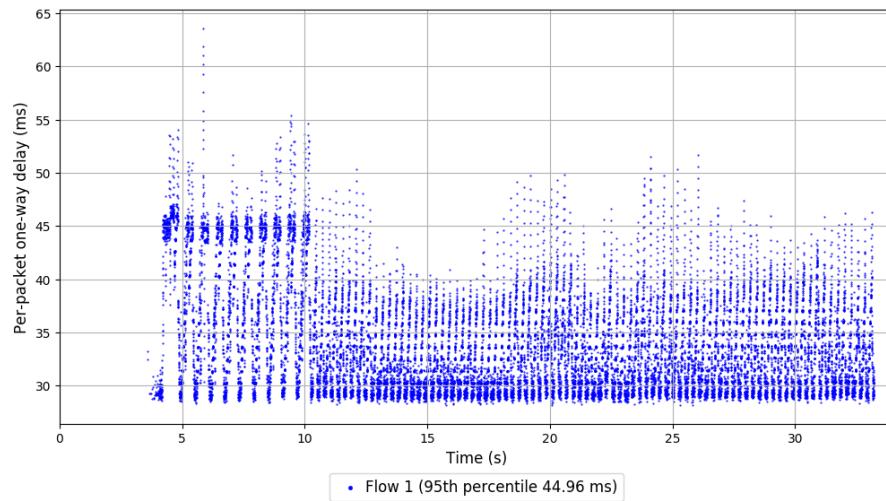
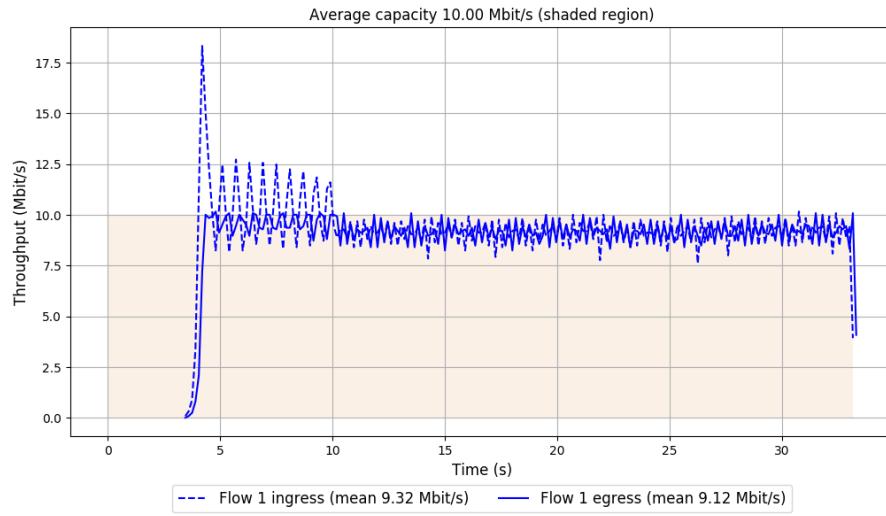


```
Run 7: Statistics of Eagle-003

Start at: 2019-10-27 07:07:04
End at: 2019-10-27 07:07:34

# Below is generated by plot.py at 2019-10-27 07:44:31
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 9.12 Mbit/s (91.1% utilization)
95th percentile per-packet one-way delay: 44.964 ms
Loss rate: 2.32%
-- Flow 1:
Average throughput: 9.12 Mbit/s
95th percentile per-packet one-way delay: 44.964 ms
Loss rate: 2.32%
```

Run 7: Report of Eagle-003 — Data Link



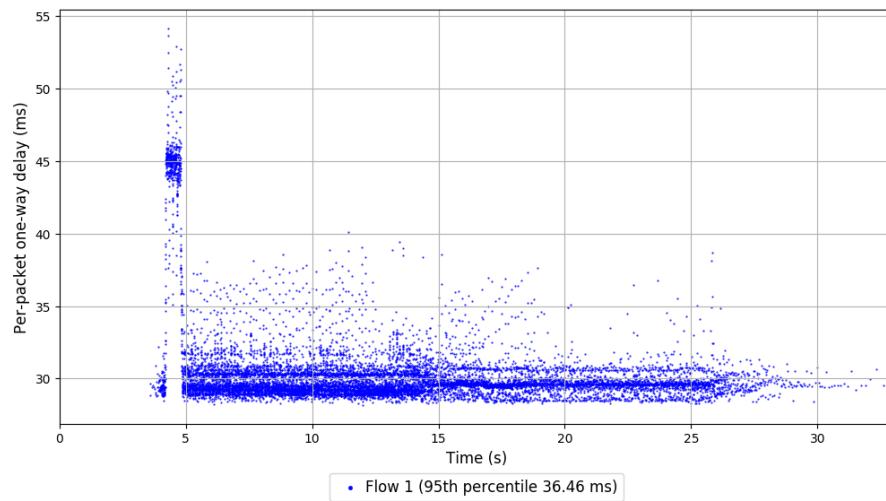
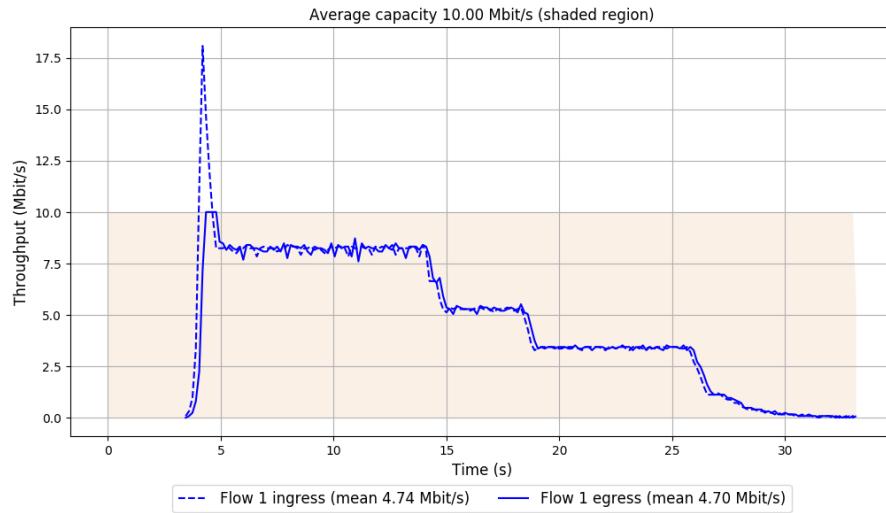
Run 8: Statistics of Eagle-003

Start at: 2019-10-27 07:12:51

End at: 2019-10-27 07:13:21

```
# Below is generated by plot.py at 2019-10-27 07:44:31
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 4.70 Mbit/s (47.0% utilization)
95th percentile per-packet one-way delay: 36.458 ms
Loss rate: 1.88%
-- Flow 1:
Average throughput: 4.70 Mbit/s
95th percentile per-packet one-way delay: 36.458 ms
Loss rate: 1.88%
```

Run 8: Report of Eagle-003 — Data Link



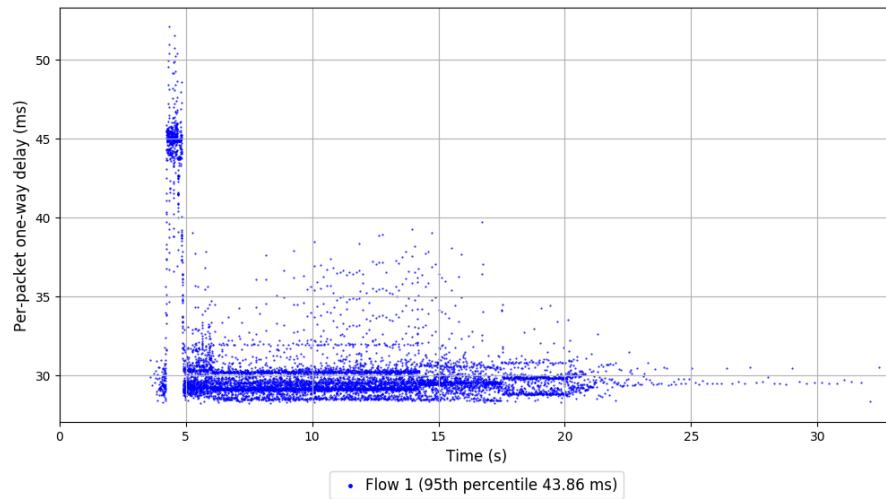
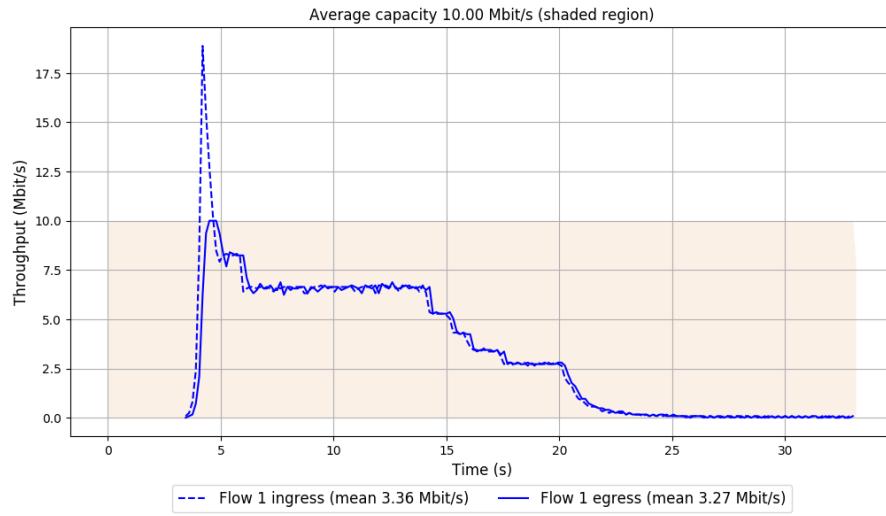
Run 9: Statistics of Eagle-003

Start at: 2019-10-27 07:18:37

End at: 2019-10-27 07:19:07

```
# Below is generated by plot.py at 2019-10-27 07:44:31
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 3.27 Mbit/s (32.7% utilization)
95th percentile per-packet one-way delay: 43.856 ms
Loss rate: 2.77%
-- Flow 1:
Average throughput: 3.27 Mbit/s
95th percentile per-packet one-way delay: 43.856 ms
Loss rate: 2.77%
```

Run 9: Report of Eagle-003 — Data Link

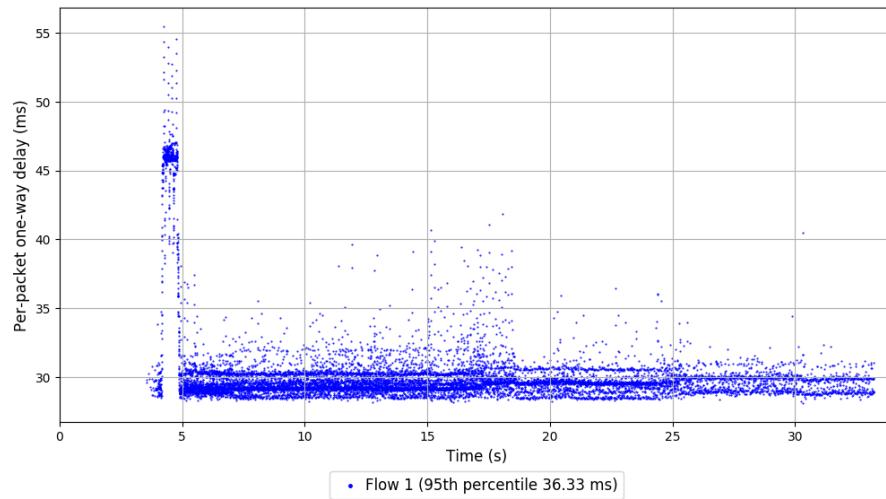
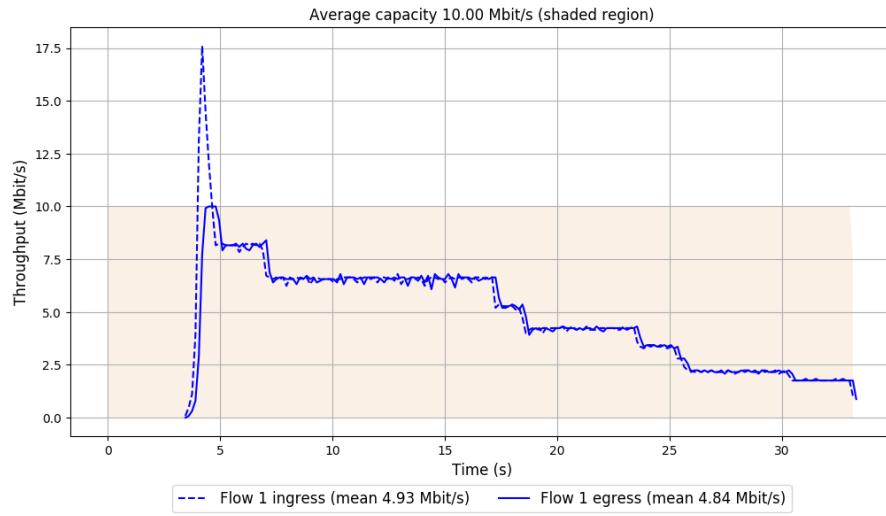


```
Run 10: Statistics of Eagle-003

Start at: 2019-10-27 07:24:23
End at: 2019-10-27 07:24:53

# Below is generated by plot.py at 2019-10-27 07:44:31
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 4.84 Mbit/s (48.4% utilization)
95th percentile per-packet one-way delay: 36.325 ms
Loss rate: 1.94%
-- Flow 1:
Average throughput: 4.84 Mbit/s
95th percentile per-packet one-way delay: 36.325 ms
Loss rate: 1.94%
```

Run 10: Report of Eagle-003 — Data Link

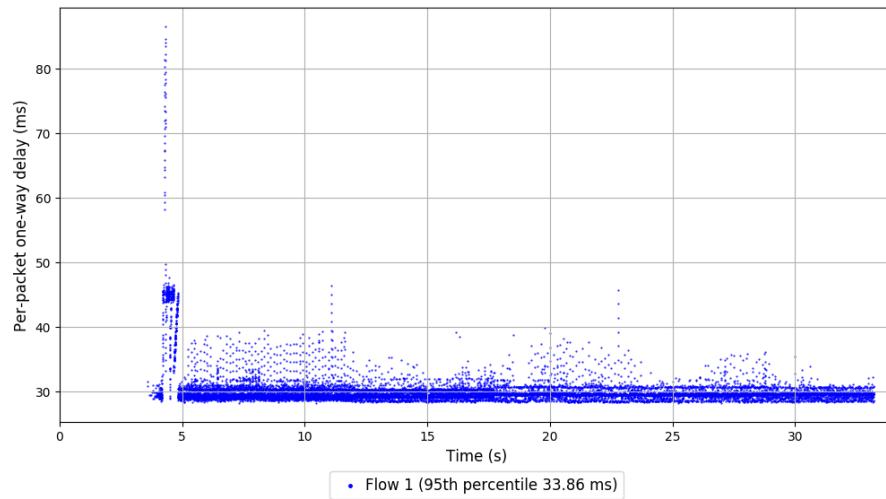
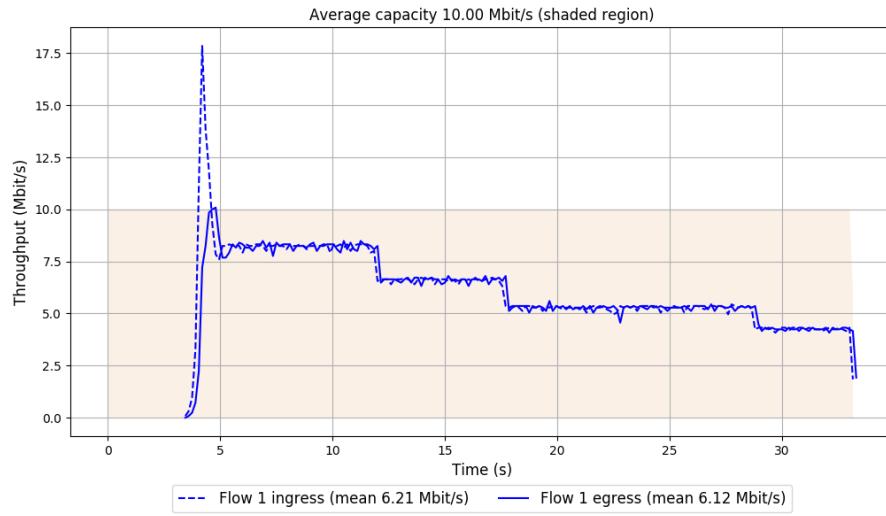


```
Run 1: Statistics of Eagle-004

Start at: 2019-10-27 06:33:08
End at: 2019-10-27 06:33:38

# Below is generated by plot.py at 2019-10-27 07:44:34
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 6.12 Mbit/s (61.2% utilization)
95th percentile per-packet one-way delay: 33.863 ms
Loss rate: 1.55%
-- Flow 1:
Average throughput: 6.12 Mbit/s
95th percentile per-packet one-way delay: 33.863 ms
Loss rate: 1.55%
```

Run 1: Report of Eagle-004 — Data Link



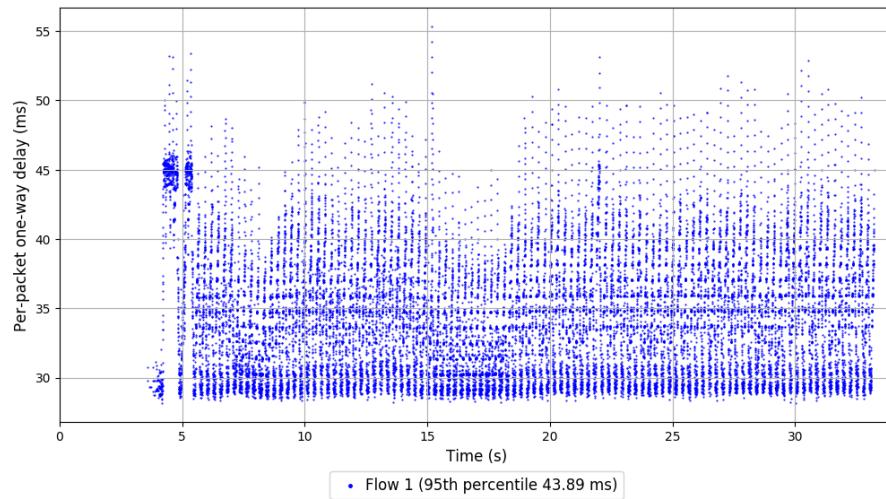
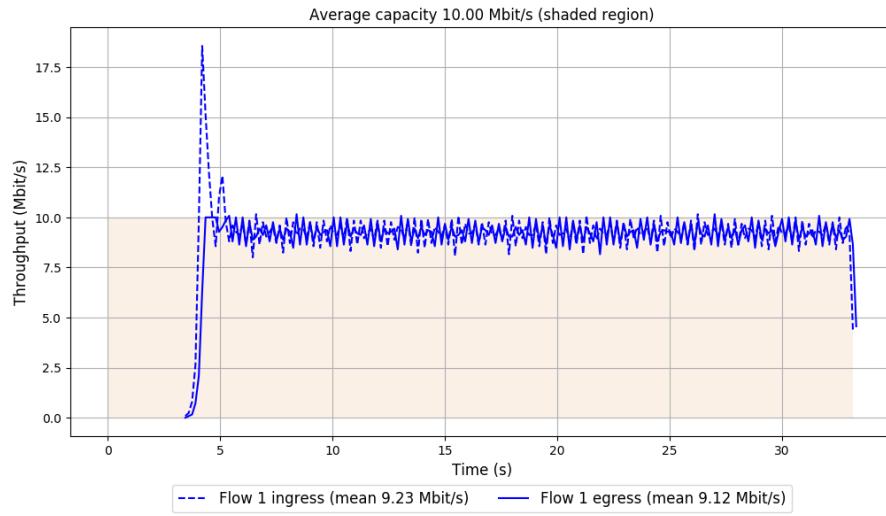
Run 2: Statistics of Eagle-004

Start at: 2019-10-27 06:38:53

End at: 2019-10-27 06:39:23

```
# Below is generated by plot.py at 2019-10-27 07:44:38
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 9.12 Mbit/s (91.2% utilization)
95th percentile per-packet one-way delay: 43.891 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 9.12 Mbit/s
95th percentile per-packet one-way delay: 43.891 ms
Loss rate: 1.26%
```

Run 2: Report of Eagle-004 — Data Link



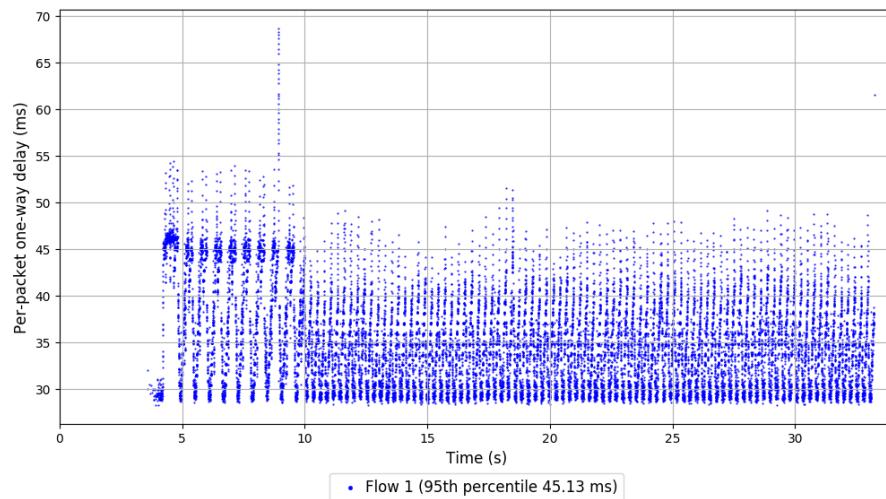
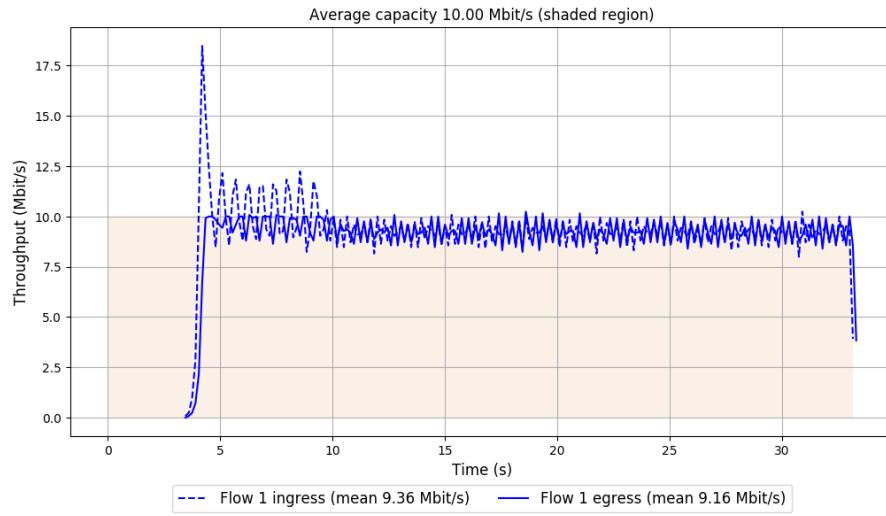
Run 3: Statistics of Eagle-004

Start at: 2019-10-27 06:44:39

End at: 2019-10-27 06:45:09

```
# Below is generated by plot.py at 2019-10-27 07:44:42
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 9.16 Mbit/s (91.6% utilization)
95th percentile per-packet one-way delay: 45.128 ms
Loss rate: 2.22%
-- Flow 1:
Average throughput: 9.16 Mbit/s
95th percentile per-packet one-way delay: 45.128 ms
Loss rate: 2.22%
```

Run 3: Report of Eagle-004 — Data Link



Run 4: Statistics of Eagle-004

Start at: 2019-10-27 06:50:24

End at: 2019-10-27 06:50:54

Below is generated by plot.py at 2019-10-27 07:44:42

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 9.07 Mbit/s (90.7% utilization)

95th percentile per-packet one-way delay: 42.725 ms

Loss rate: 1.12%

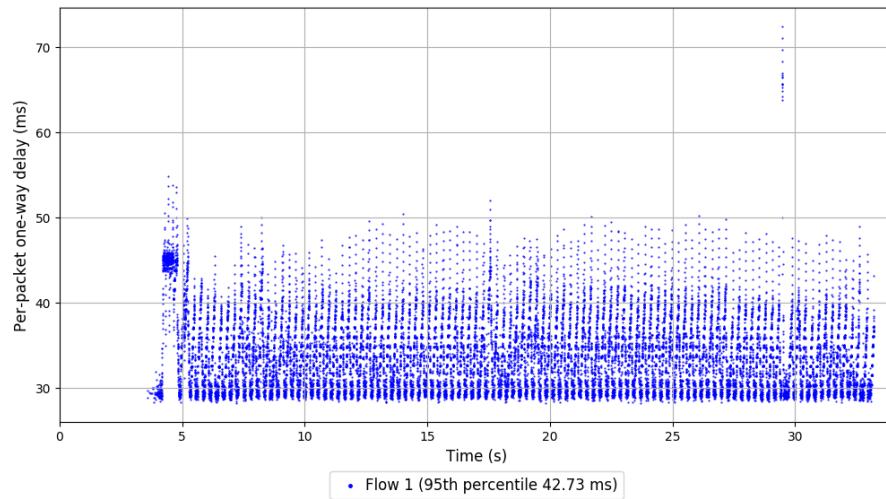
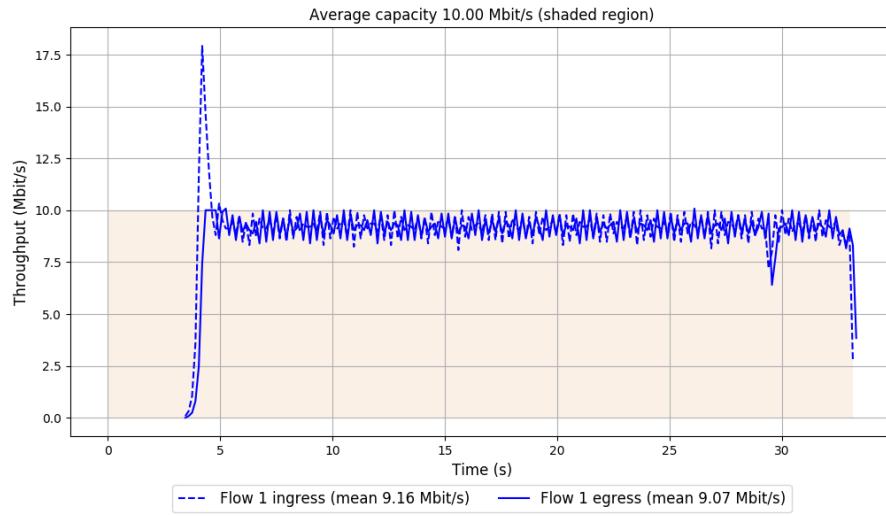
-- Flow 1:

Average throughput: 9.07 Mbit/s

95th percentile per-packet one-way delay: 42.725 ms

Loss rate: 1.12%

Run 4: Report of Eagle-004 — Data Link

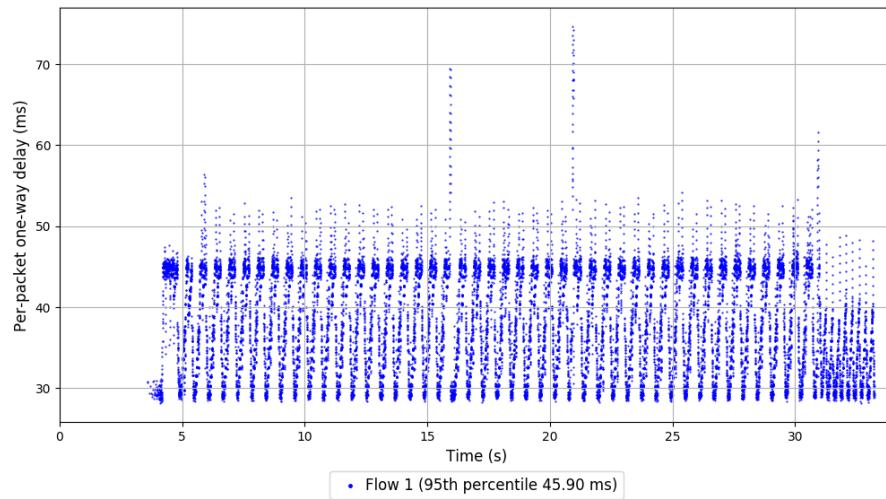
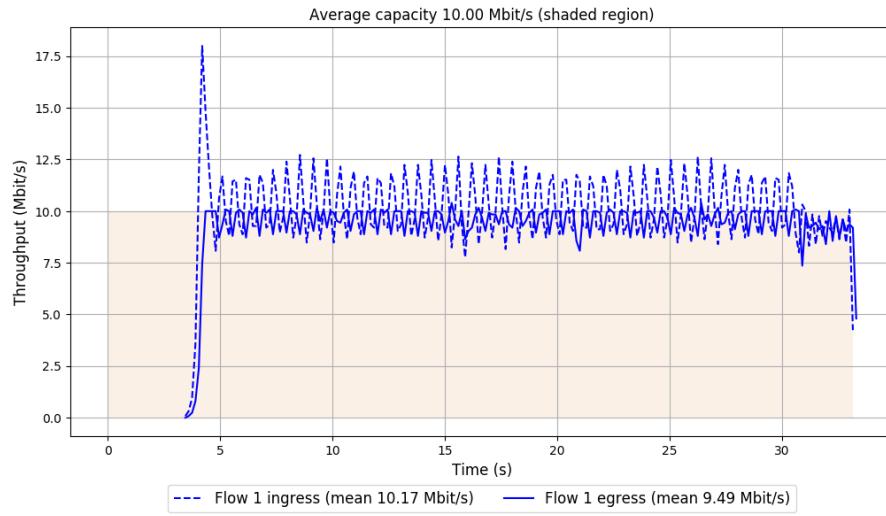


```
Run 5: Statistics of Eagle-004

Start at: 2019-10-27 06:56:08
End at: 2019-10-27 06:56:38

# Below is generated by plot.py at 2019-10-27 07:44:42
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 9.49 Mbit/s (94.8% utilization)
95th percentile per-packet one-way delay: 45.902 ms
Loss rate: 6.79%
-- Flow 1:
Average throughput: 9.49 Mbit/s
95th percentile per-packet one-way delay: 45.902 ms
Loss rate: 6.79%
```

Run 5: Report of Eagle-004 — Data Link



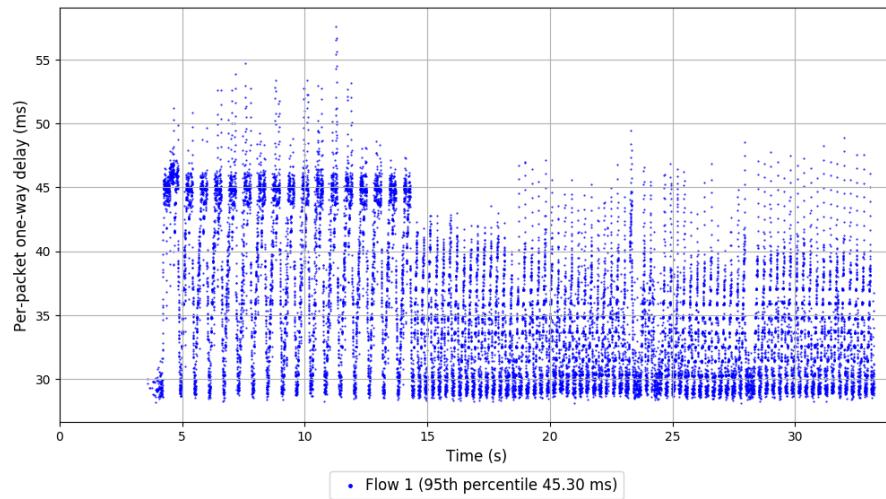
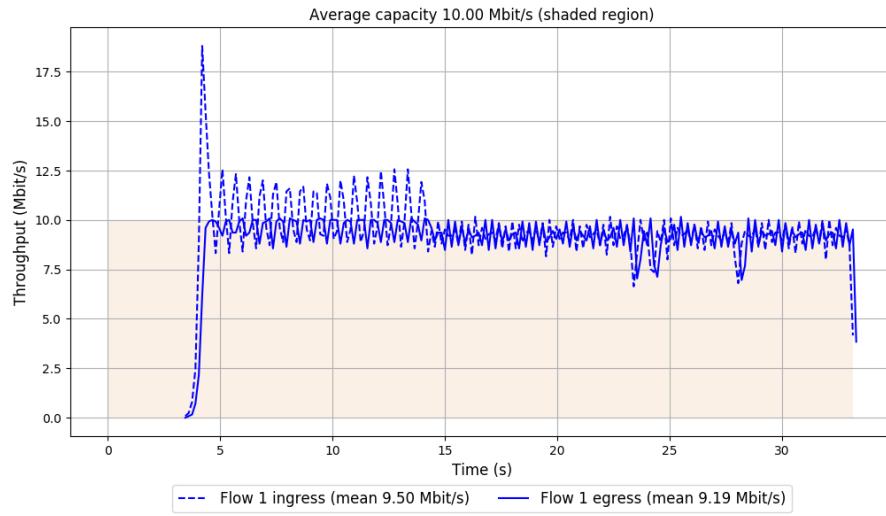
Run 6: Statistics of Eagle-004

Start at: 2019-10-27 07:01:54

End at: 2019-10-27 07:02:24

```
# Below is generated by plot.py at 2019-10-27 07:44:46
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 9.19 Mbit/s (91.9% utilization)
95th percentile per-packet one-way delay: 45.303 ms
Loss rate: 3.44%
-- Flow 1:
Average throughput: 9.19 Mbit/s
95th percentile per-packet one-way delay: 45.303 ms
Loss rate: 3.44%
```

Run 6: Report of Eagle-004 — Data Link



Run 7: Statistics of Eagle-004

Start at: 2019-10-27 07:07:39

End at: 2019-10-27 07:08:09

Below is generated by plot.py at 2019-10-27 07:44:47

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 8.24 Mbit/s (82.4% utilization)

95th percentile per-packet one-way delay: 39.830 ms

Loss rate: 0.17%

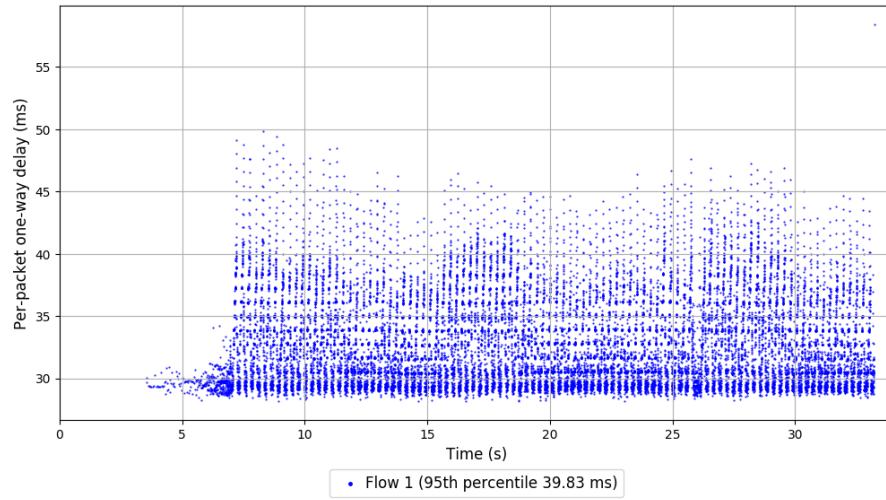
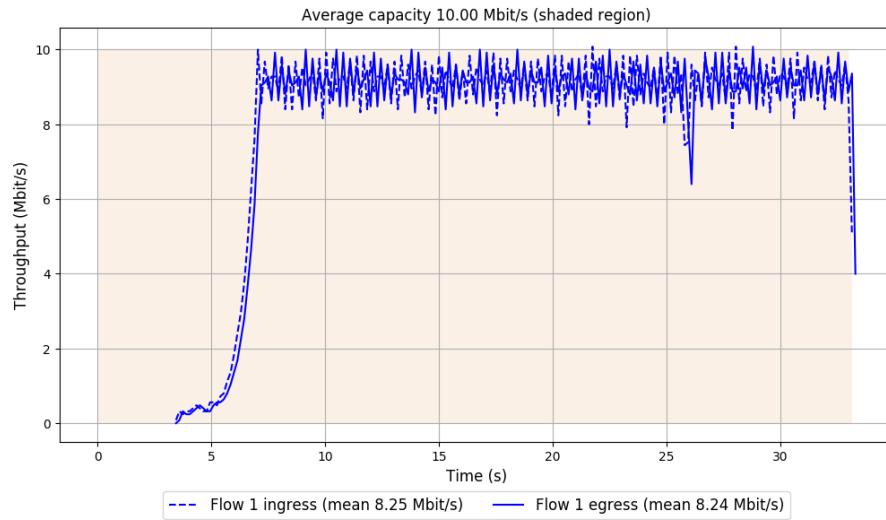
-- Flow 1:

Average throughput: 8.24 Mbit/s

95th percentile per-packet one-way delay: 39.830 ms

Loss rate: 0.17%

Run 7: Report of Eagle-004 — Data Link



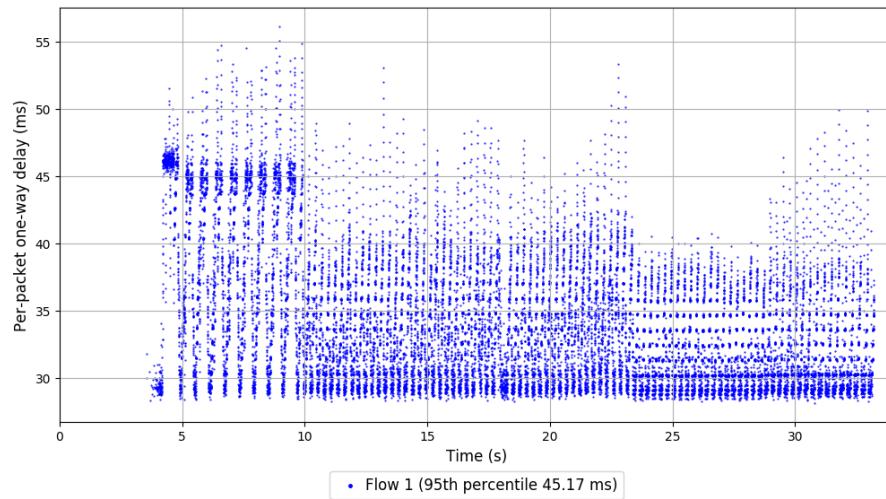
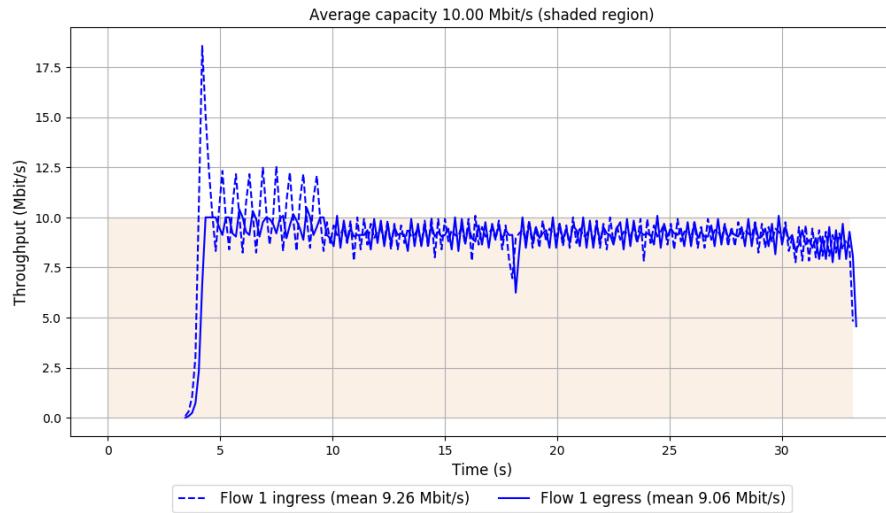
Run 8: Statistics of Eagle-004

Start at: 2019-10-27 07:13:25

End at: 2019-10-27 07:13:55

```
# Below is generated by plot.py at 2019-10-27 07:44:51
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 9.06 Mbit/s (90.6% utilization)
95th percentile per-packet one-way delay: 45.171 ms
Loss rate: 2.30%
-- Flow 1:
Average throughput: 9.06 Mbit/s
95th percentile per-packet one-way delay: 45.171 ms
Loss rate: 2.30%
```

Run 8: Report of Eagle-004 — Data Link

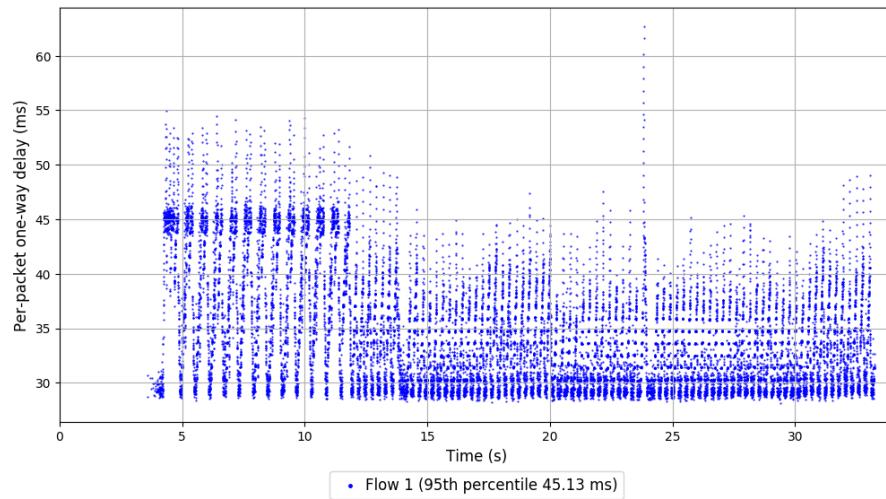
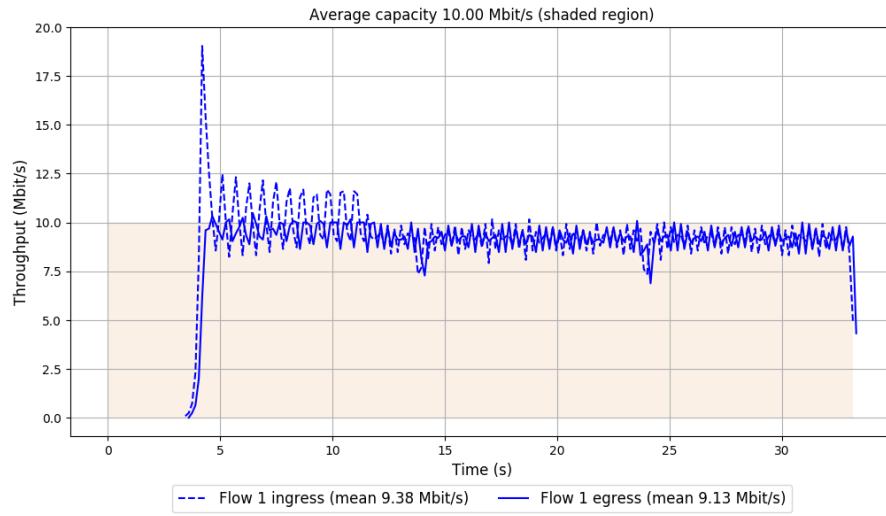


```
Run 9: Statistics of Eagle-004

Start at: 2019-10-27 07:19:11
End at: 2019-10-27 07:19:41

# Below is generated by plot.py at 2019-10-27 07:44:51
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 9.13 Mbit/s (91.3% utilization)
95th percentile per-packet one-way delay: 45.134 ms
Loss rate: 2.70%
-- Flow 1:
Average throughput: 9.13 Mbit/s
95th percentile per-packet one-way delay: 45.134 ms
Loss rate: 2.70%
```

Run 9: Report of Eagle-004 — Data Link

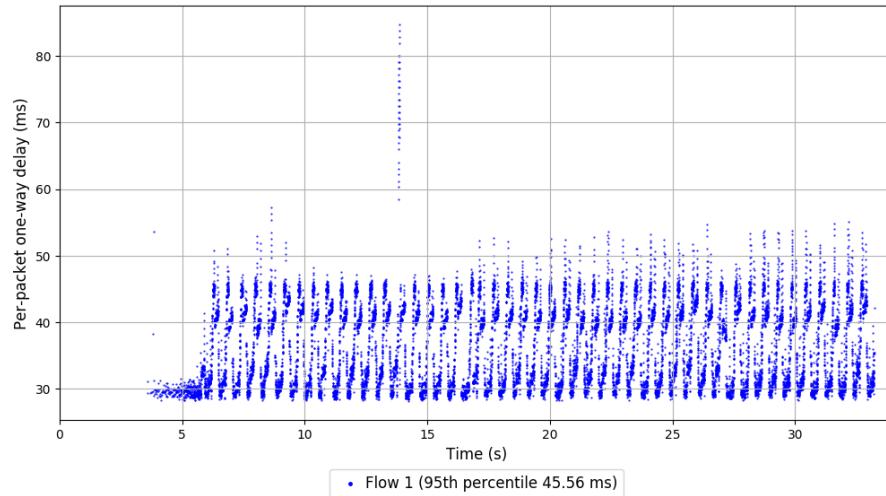
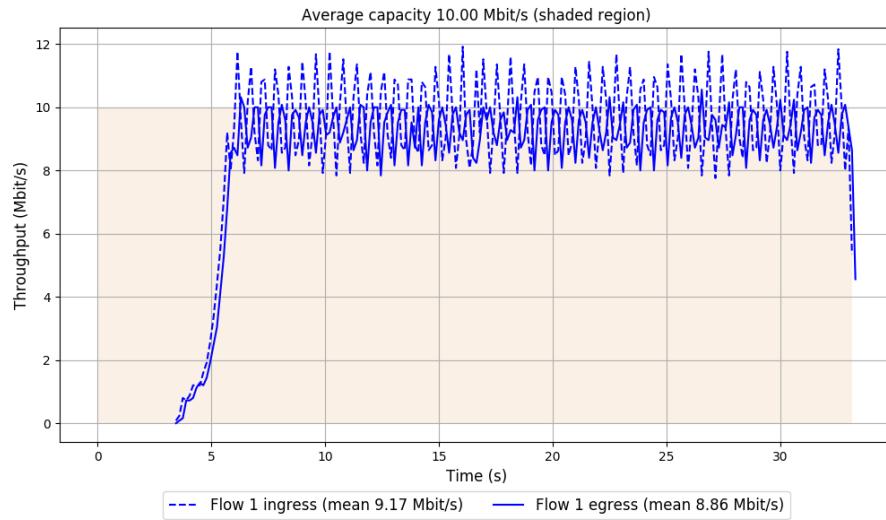


```
Run 10: Statistics of Eagle-004

Start at: 2019-10-27 07:24:58
End at: 2019-10-27 07:25:28

# Below is generated by plot.py at 2019-10-27 07:44:57
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 8.86 Mbit/s (88.6% utilization)
95th percentile per-packet one-way delay: 45.558 ms
Loss rate: 3.52%
-- Flow 1:
Average throughput: 8.86 Mbit/s
95th percentile per-packet one-way delay: 45.558 ms
Loss rate: 3.52%
```

Run 10: Report of Eagle-004 — Data Link

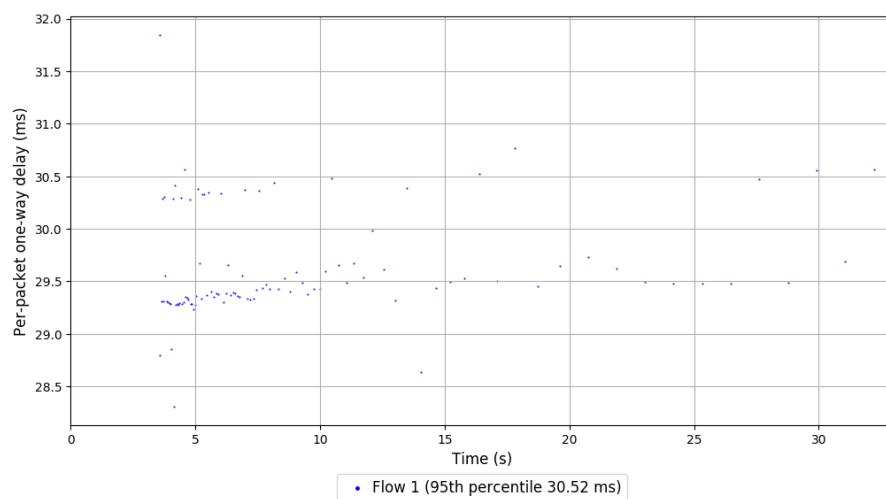
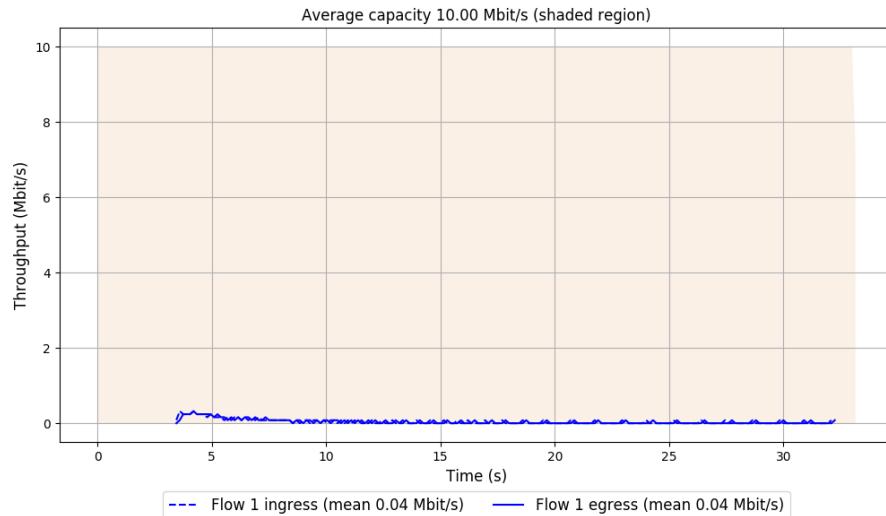


```
Run 1: Statistics of Eagle-005

Start at: 2019-10-27 06:33:43
End at: 2019-10-27 06:34:13

# Below is generated by plot.py at 2019-10-27 07:44:57
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 0.04 Mbit/s (0.4% utilization)
95th percentile per-packet one-way delay: 30.524 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.04 Mbit/s
95th percentile per-packet one-way delay: 30.524 ms
Loss rate: 0.00%
```

Run 1: Report of Eagle-005 — Data Link



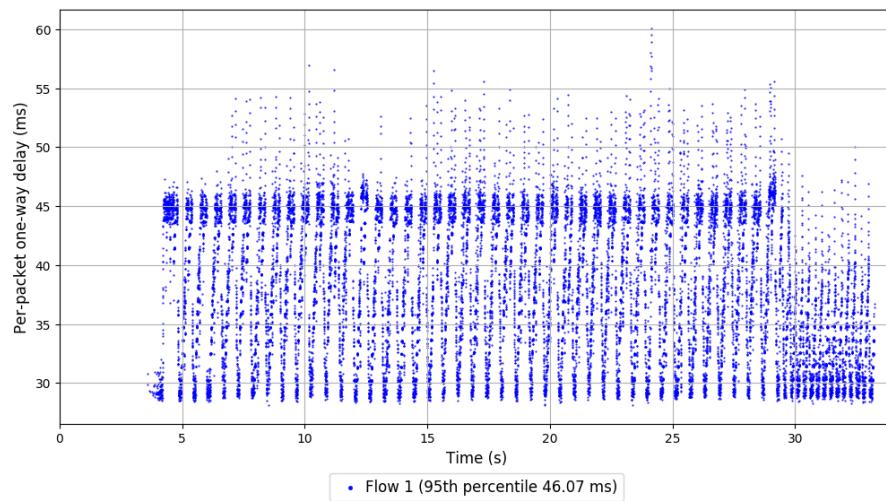
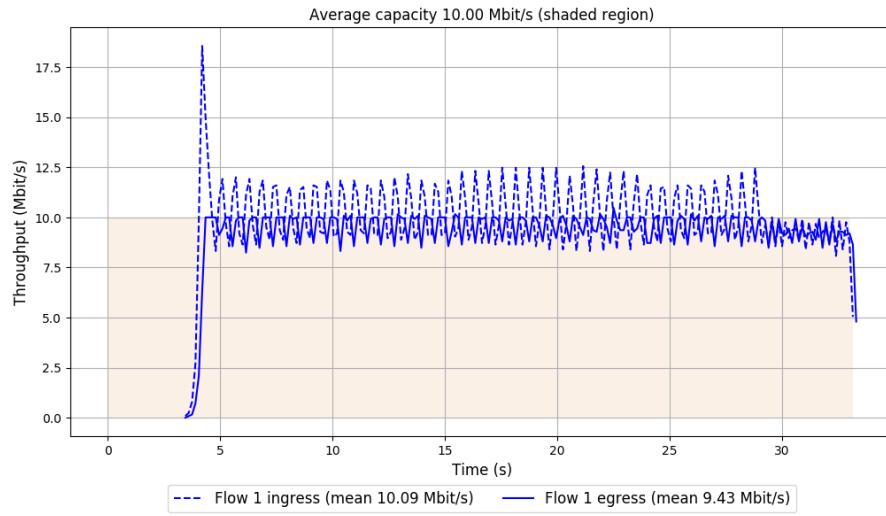
Run 2: Statistics of Eagle-005

Start at: 2019-10-27 06:39:27

End at: 2019-10-27 06:39:58

```
# Below is generated by plot.py at 2019-10-27 07:45:00
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 9.43 Mbit/s (94.3% utilization)
95th percentile per-packet one-way delay: 46.071 ms
Loss rate: 6.61%
-- Flow 1:
Average throughput: 9.43 Mbit/s
95th percentile per-packet one-way delay: 46.071 ms
Loss rate: 6.61%
```

Run 2: Report of Eagle-005 — Data Link

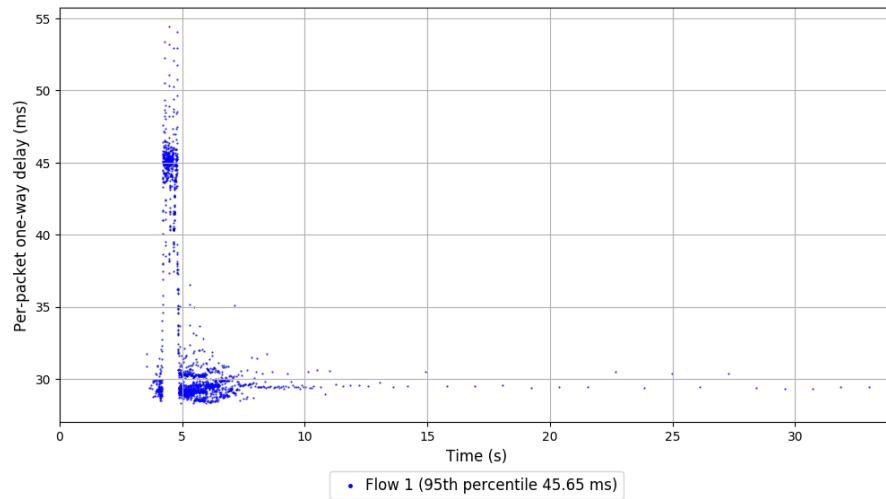
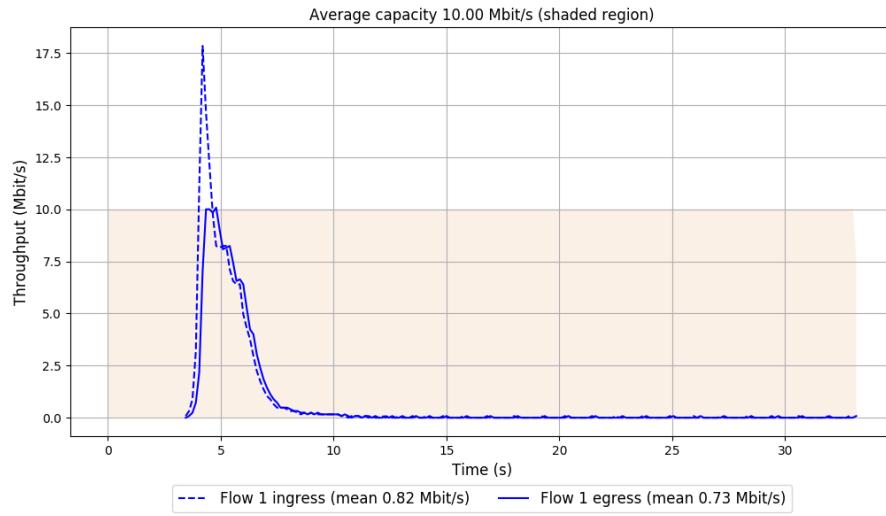


```
Run 3: Statistics of Eagle-005

Start at: 2019-10-27 06:45:13
End at: 2019-10-27 06:45:43

# Below is generated by plot.py at 2019-10-27 07:45:00
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 0.73 Mbit/s (7.3% utilization)
95th percentile per-packet one-way delay: 45.649 ms
Loss rate: 10.88%
-- Flow 1:
Average throughput: 0.73 Mbit/s
95th percentile per-packet one-way delay: 45.649 ms
Loss rate: 10.88%
```

Run 3: Report of Eagle-005 — Data Link



Run 4: Statistics of Eagle-005

Start at: 2019-10-27 06:50:59

End at: 2019-10-27 06:51:29

Below is generated by plot.py at 2019-10-27 07:45:00

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 0.65 Mbit/s (6.5% utilization)

95th percentile per-packet one-way delay: 30.698 ms

Loss rate: 0.12%

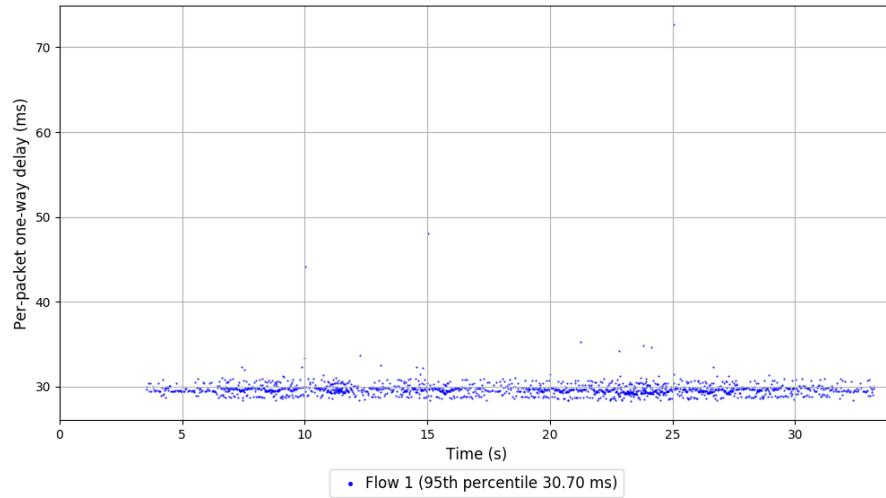
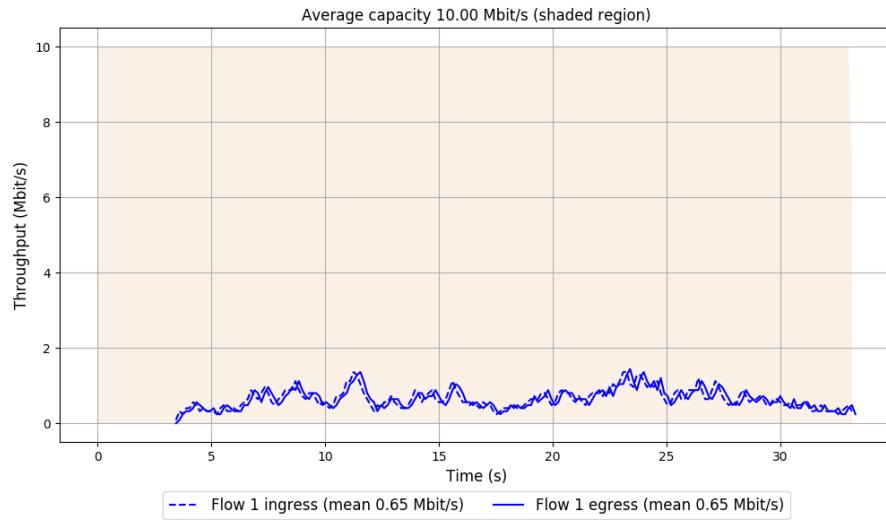
-- Flow 1:

Average throughput: 0.65 Mbit/s

95th percentile per-packet one-way delay: 30.698 ms

Loss rate: 0.12%

Run 4: Report of Eagle-005 — Data Link

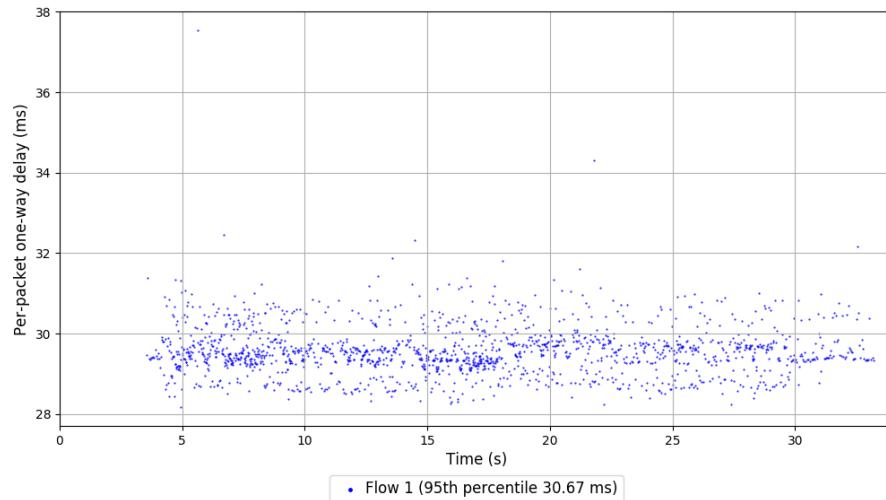
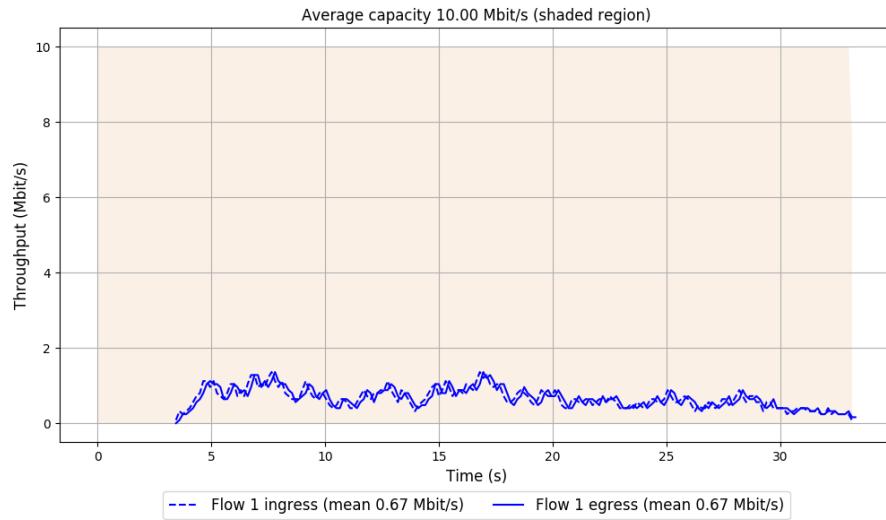


```
Run 5: Statistics of Eagle-005

Start at: 2019-10-27 06:56:43
End at: 2019-10-27 06:57:13

# Below is generated by plot.py at 2019-10-27 07:45:00
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 0.67 Mbit/s (6.7% utilization)
95th percentile per-packet one-way delay: 30.666 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.67 Mbit/s
95th percentile per-packet one-way delay: 30.666 ms
Loss rate: 0.00%
```

Run 5: Report of Eagle-005 — Data Link



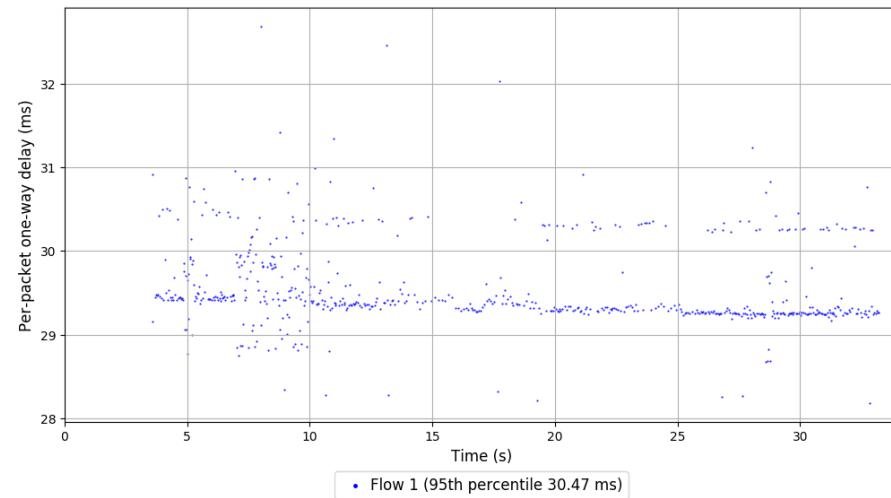
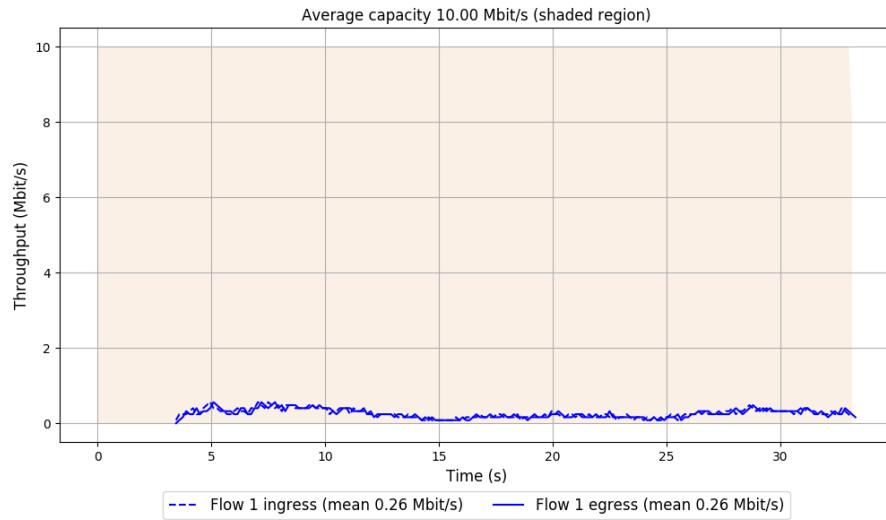
Run 6: Statistics of Eagle-005

Start at: 2019-10-27 07:02:28

End at: 2019-10-27 07:02:58

```
# Below is generated by plot.py at 2019-10-27 07:45:00
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 0.26 Mbit/s (2.6% utilization)
95th percentile per-packet one-way delay: 30.466 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 30.466 ms
Loss rate: 0.16%
```

Run 6: Report of Eagle-005 — Data Link



Run 7: Statistics of Eagle-005

Start at: 2019-10-27 07:08:14

End at: 2019-10-27 07:08:44

Below is generated by plot.py at 2019-10-27 07:45:04

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 9.22 Mbit/s (92.2% utilization)

95th percentile per-packet one-way delay: 45.472 ms

Loss rate: 3.56%

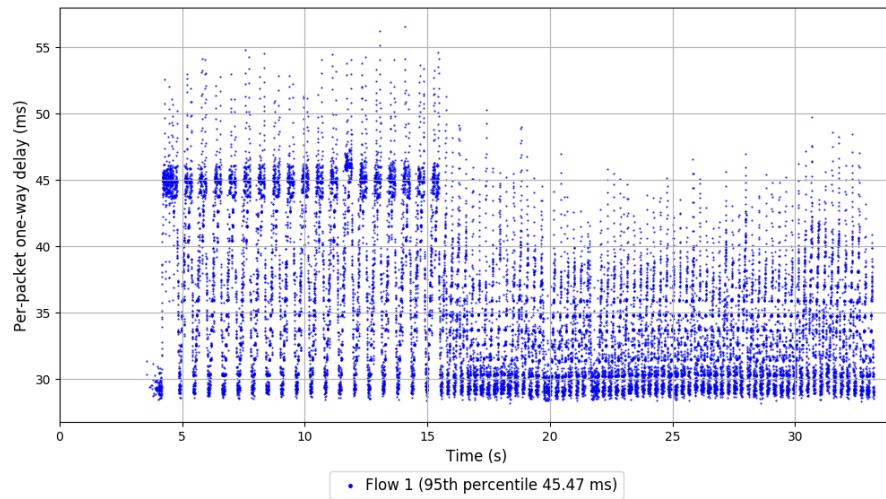
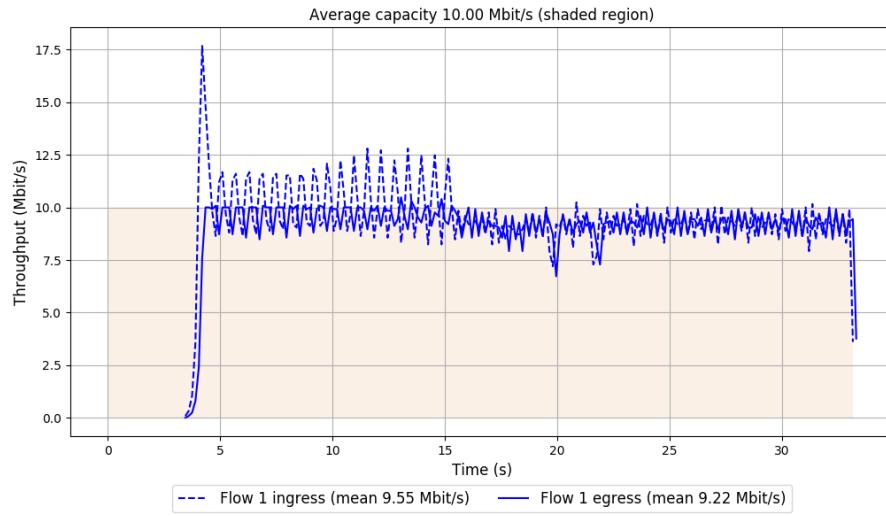
-- Flow 1:

Average throughput: 9.22 Mbit/s

95th percentile per-packet one-way delay: 45.472 ms

Loss rate: 3.56%

Run 7: Report of Eagle-005 — Data Link



Run 8: Statistics of Eagle-005

Start at: 2019-10-27 07:14:00

End at: 2019-10-27 07:14:30

Below is generated by plot.py at 2019-10-27 07:45:05

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 9.20 Mbit/s (92.0% utilization)

95th percentile per-packet one-way delay: 45.440 ms

Loss rate: 3.41%

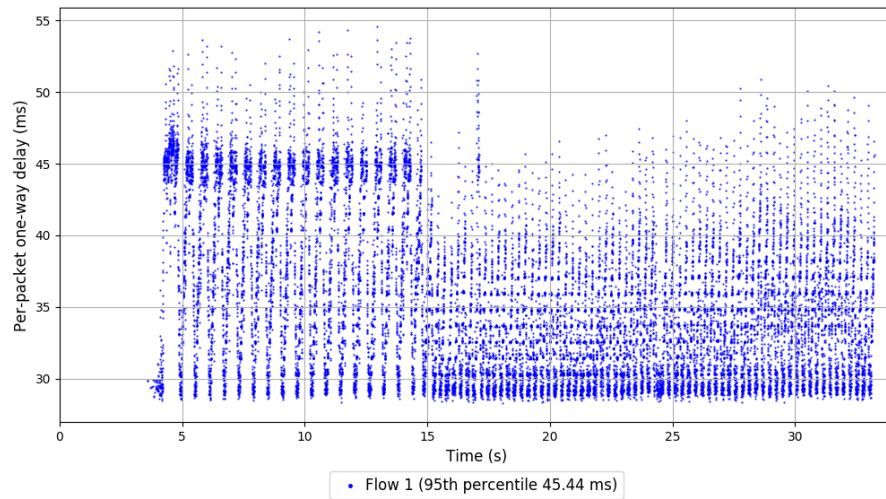
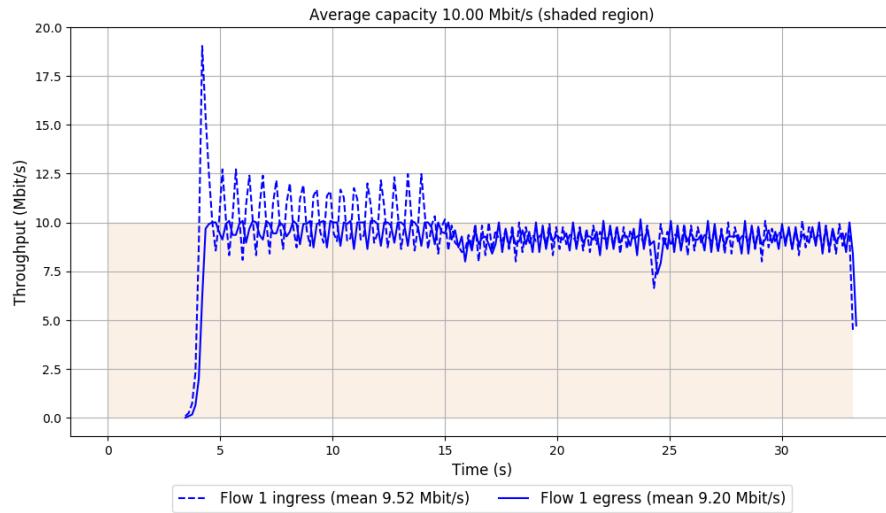
-- Flow 1:

Average throughput: 9.20 Mbit/s

95th percentile per-packet one-way delay: 45.440 ms

Loss rate: 3.41%

Run 8: Report of Eagle-005 — Data Link

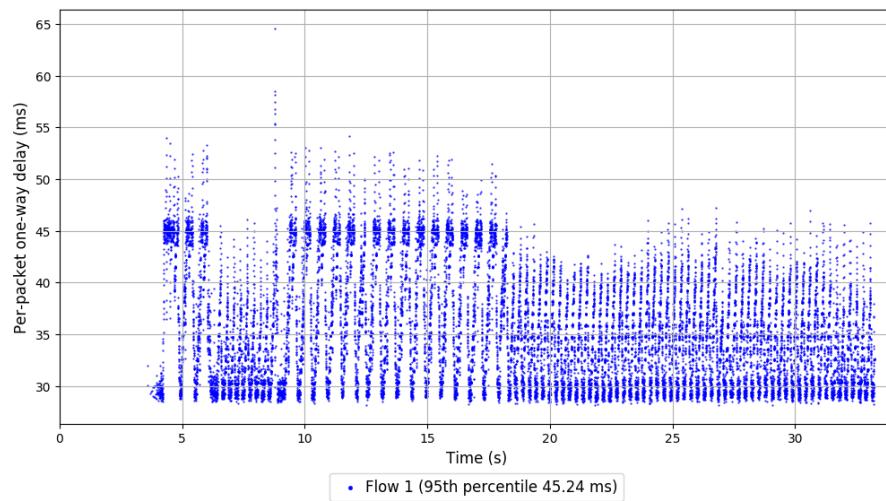
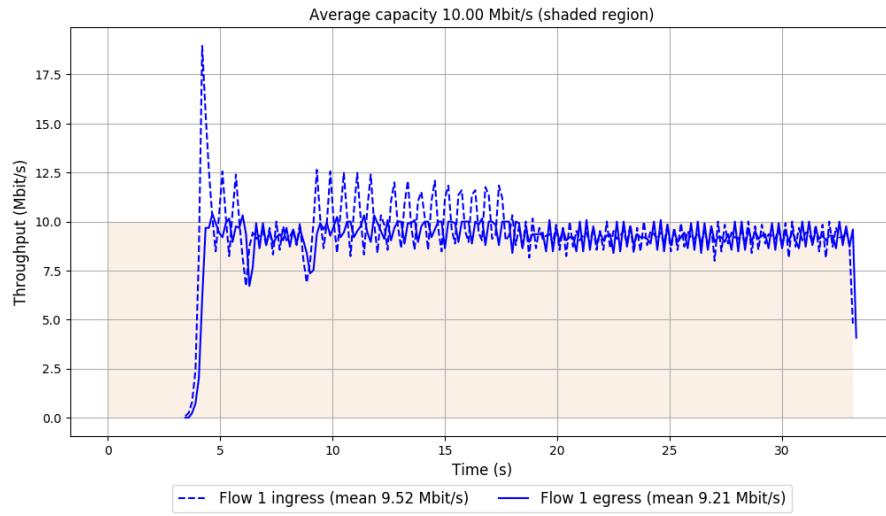


```
Run 9: Statistics of Eagle-005

Start at: 2019-10-27 07:19:46
End at: 2019-10-27 07:20:16

# Below is generated by plot.py at 2019-10-27 07:45:06
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 9.21 Mbit/s (92.1% utilization)
95th percentile per-packet one-way delay: 45.241 ms
Loss rate: 3.36%
-- Flow 1:
Average throughput: 9.21 Mbit/s
95th percentile per-packet one-way delay: 45.241 ms
Loss rate: 3.36%
```

Run 9: Report of Eagle-005 — Data Link

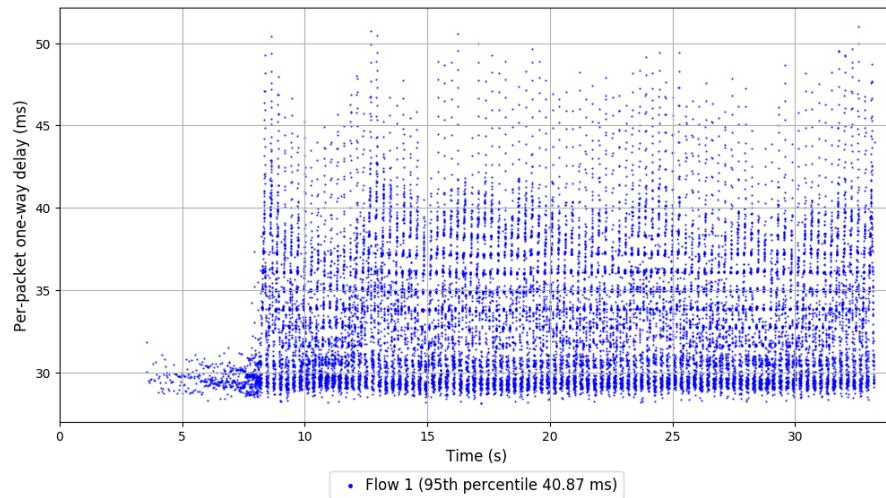
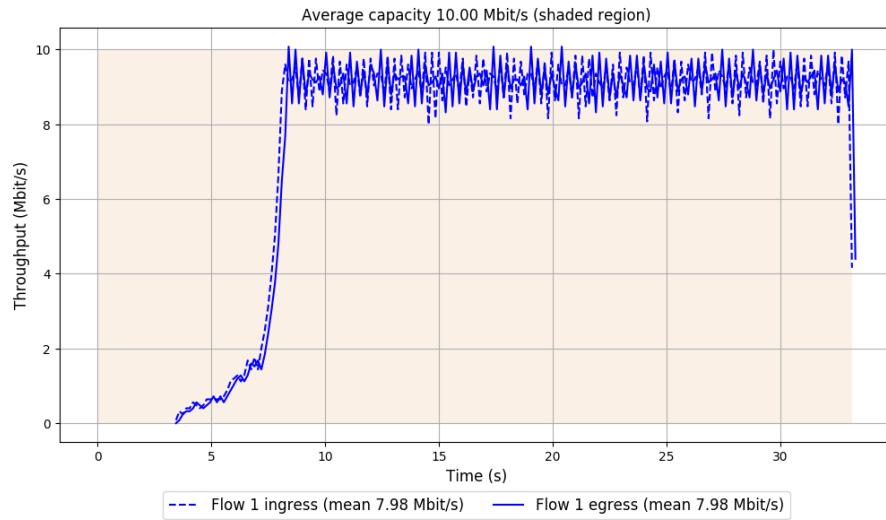


```
Run 10: Statistics of Eagle-005

Start at: 2019-10-27 07:25:32
End at: 2019-10-27 07:26:02

# Below is generated by plot.py at 2019-10-27 07:45:09
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 7.98 Mbit/s (79.8% utilization)
95th percentile per-packet one-way delay: 40.871 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 7.98 Mbit/s
95th percentile per-packet one-way delay: 40.871 ms
Loss rate: 0.12%
```

Run 10: Report of Eagle-005 — Data Link

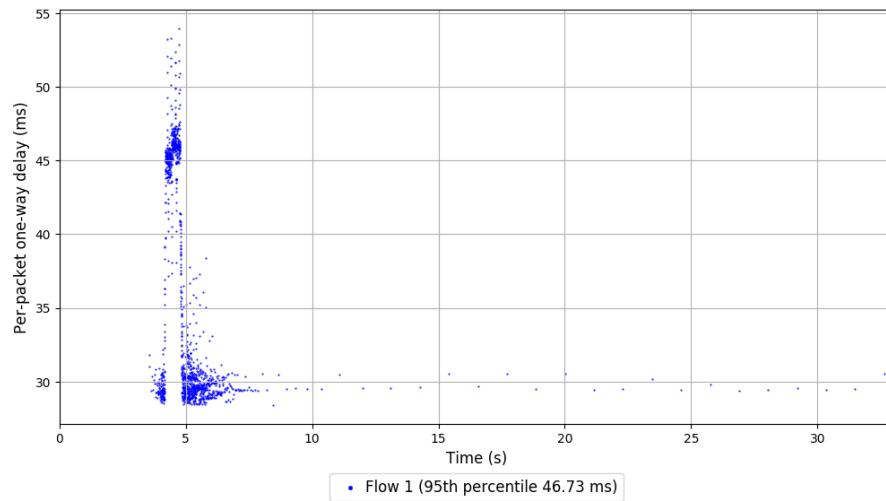
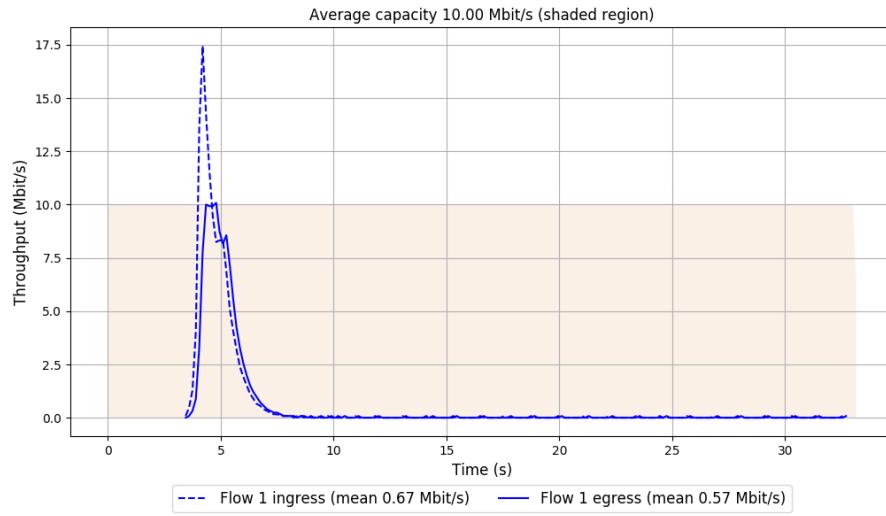


```
Run 1: Statistics of Eagle-006

Start at: 2019-10-27 06:34:17
End at: 2019-10-27 06:34:47

# Below is generated by plot.py at 2019-10-27 07:45:09
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 0.57 Mbit/s (5.7% utilization)
95th percentile per-packet one-way delay: 46.731 ms
Loss rate: 13.82%
-- Flow 1:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 46.731 ms
Loss rate: 13.82%
```

Run 1: Report of Eagle-006 — Data Link



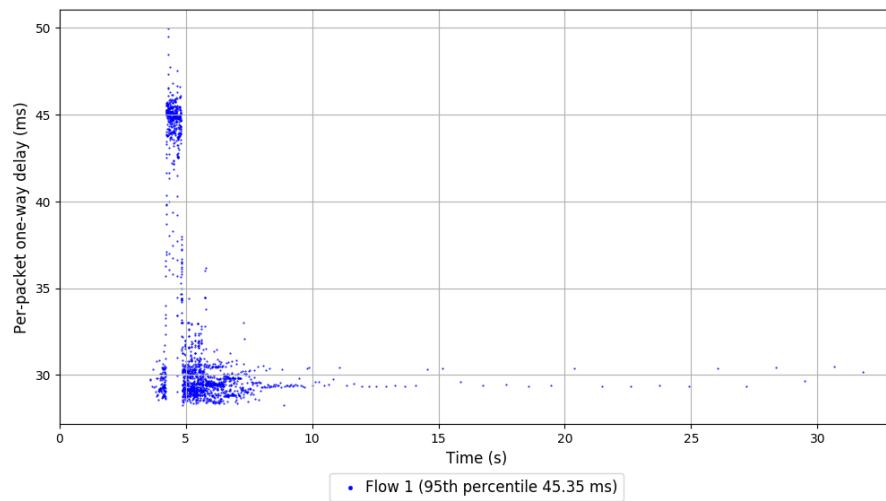
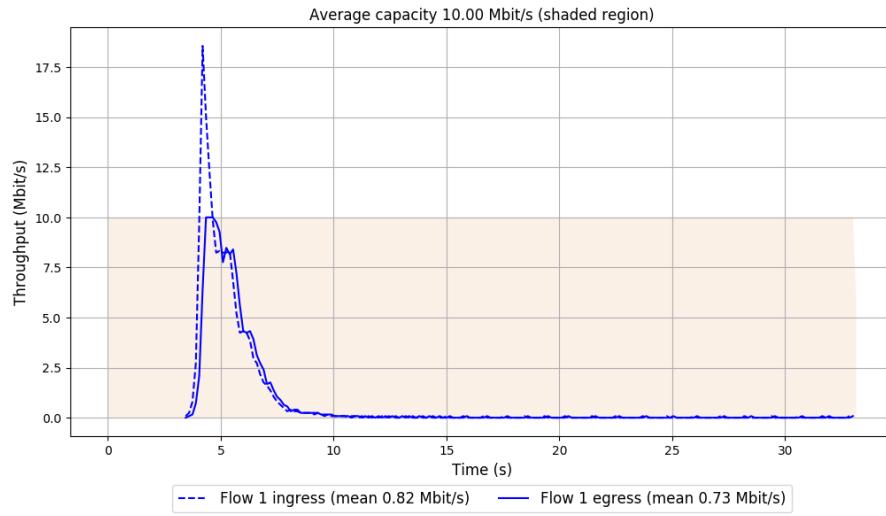
Run 2: Statistics of Eagle-006

Start at: 2019-10-27 06:40:02

End at: 2019-10-27 06:40:32

```
# Below is generated by plot.py at 2019-10-27 07:45:10
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 0.73 Mbit/s (7.3% utilization)
95th percentile per-packet one-way delay: 45.352 ms
Loss rate: 11.04%
-- Flow 1:
Average throughput: 0.73 Mbit/s
95th percentile per-packet one-way delay: 45.352 ms
Loss rate: 11.04%
```

Run 2: Report of Eagle-006 — Data Link



Run 3: Statistics of Eagle-006

Start at: 2019-10-27 06:45:47

End at: 2019-10-27 06:46:18

Below is generated by plot.py at 2019-10-27 07:45:15

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 9.22 Mbit/s (92.2% utilization)

95th percentile per-packet one-way delay: 45.805 ms

Loss rate: 3.81%

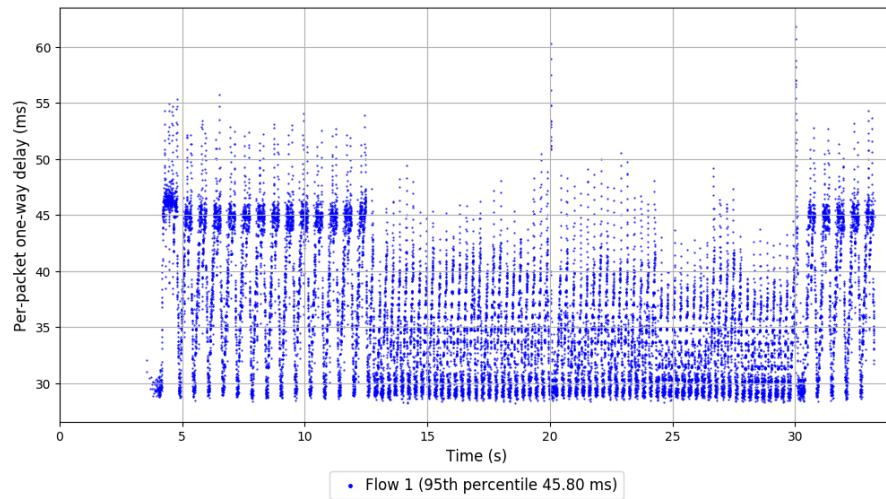
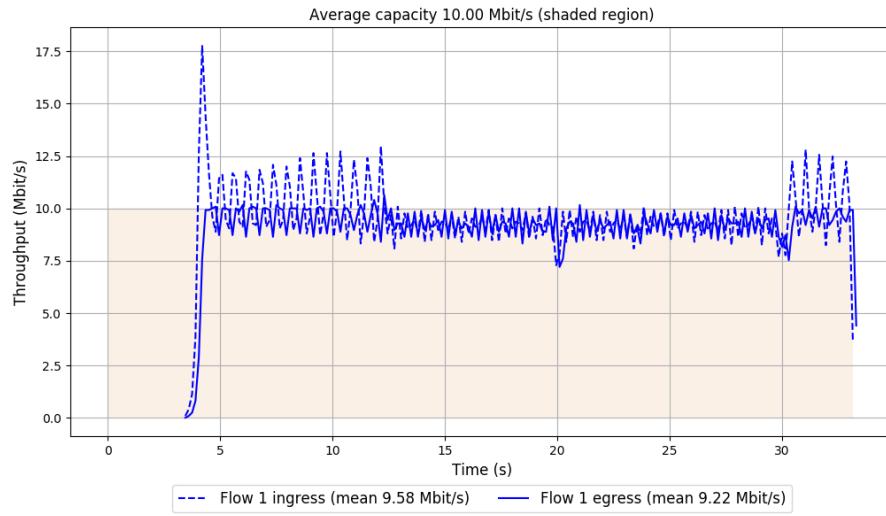
-- Flow 1:

Average throughput: 9.22 Mbit/s

95th percentile per-packet one-way delay: 45.805 ms

Loss rate: 3.81%

Run 3: Report of Eagle-006 — Data Link



Run 4: Statistics of Eagle-006

Start at: 2019-10-27 06:51:33

End at: 2019-10-27 06:52:03

Below is generated by plot.py at 2019-10-27 07:45:15

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 0.63 Mbit/s (6.3% utilization)

95th percentile per-packet one-way delay: 45.686 ms

Loss rate: 12.93%

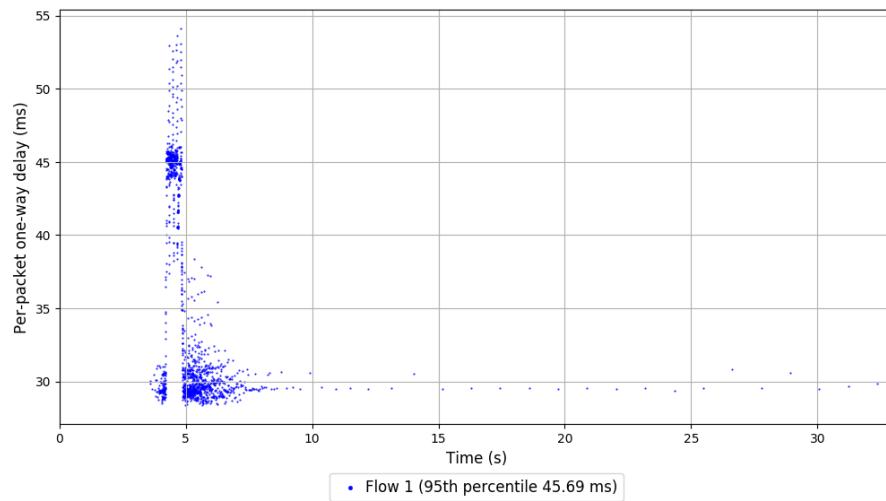
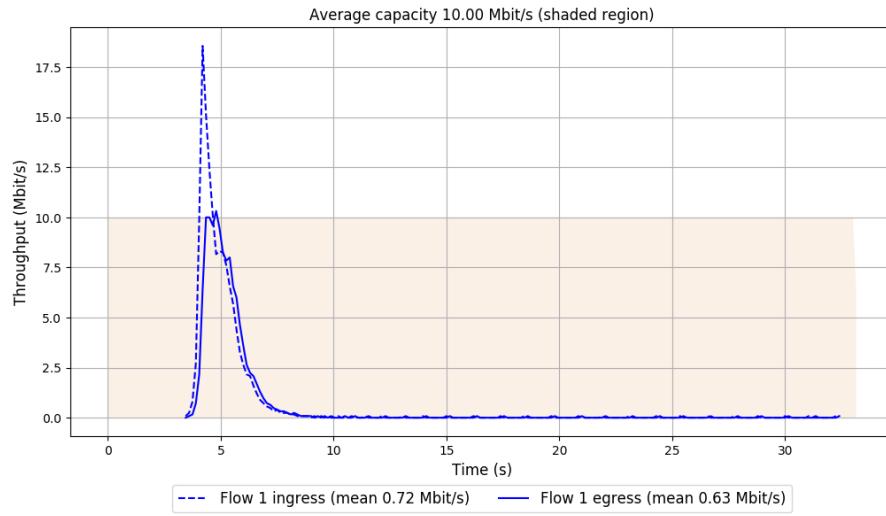
-- Flow 1:

Average throughput: 0.63 Mbit/s

95th percentile per-packet one-way delay: 45.686 ms

Loss rate: 12.93%

Run 4: Report of Eagle-006 — Data Link

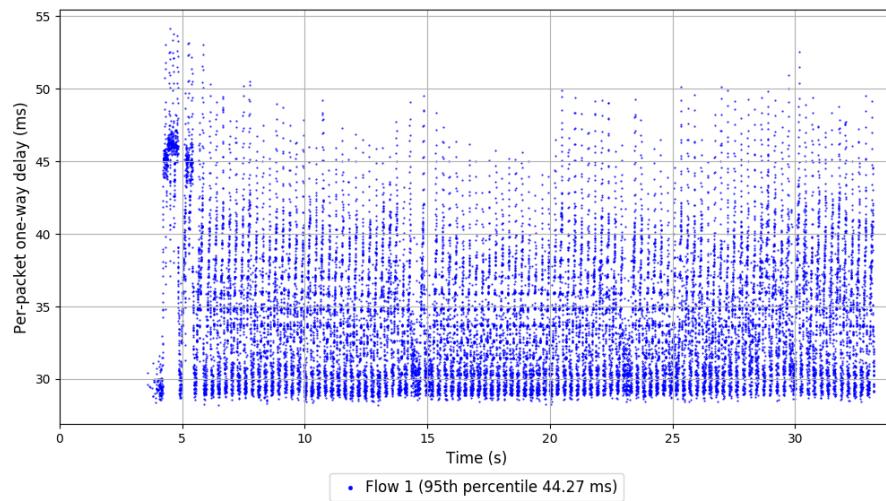
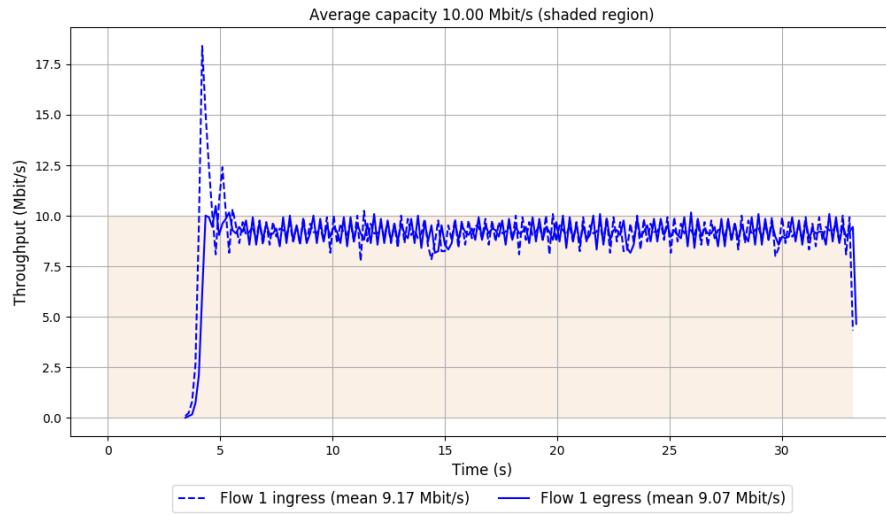


```
Run 5: Statistics of Eagle-006

Start at: 2019-10-27 06:57:17
End at: 2019-10-27 06:57:47

# Below is generated by plot.py at 2019-10-27 07:45:20
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 9.07 Mbit/s (90.7% utilization)
95th percentile per-packet one-way delay: 44.268 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 9.07 Mbit/s
95th percentile per-packet one-way delay: 44.268 ms
Loss rate: 1.22%
```

Run 5: Report of Eagle-006 — Data Link



Run 6: Statistics of Eagle-006

Start at: 2019-10-27 07:03:02

End at: 2019-10-27 07:03:33

Below is generated by plot.py at 2019-10-27 07:45:20

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 0.13 Mbit/s (1.3% utilization)

95th percentile per-packet one-way delay: 30.591 ms

Loss rate: 0.00%

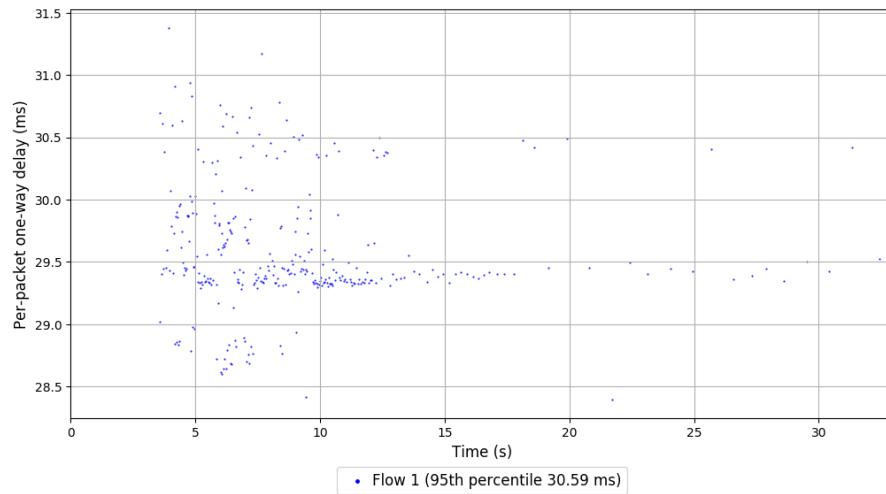
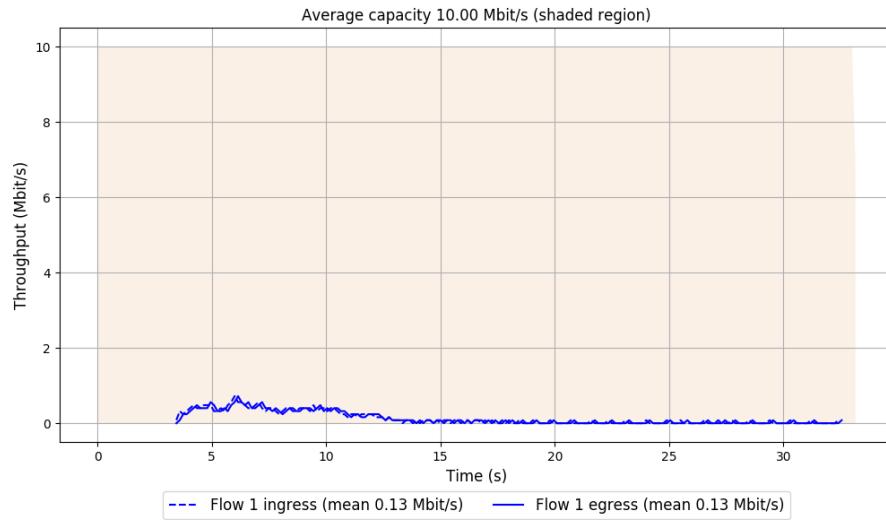
-- Flow 1:

Average throughput: 0.13 Mbit/s

95th percentile per-packet one-way delay: 30.591 ms

Loss rate: 0.00%

Run 6: Report of Eagle-006 — Data Link

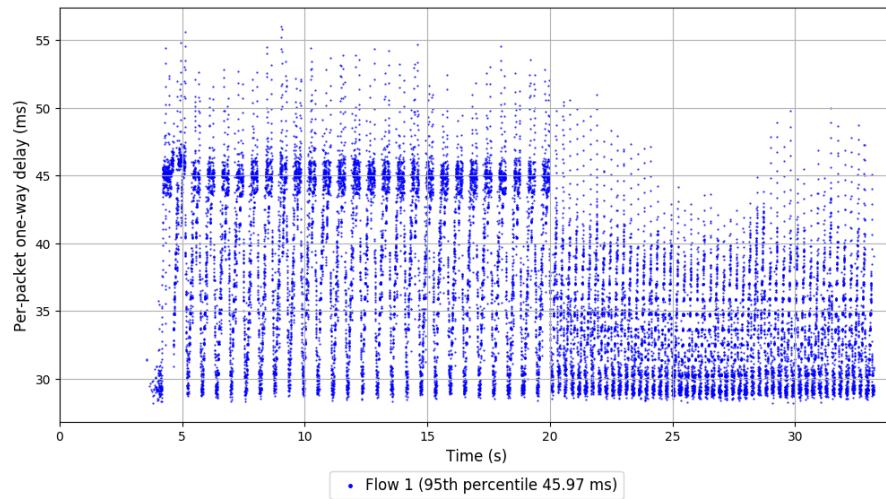
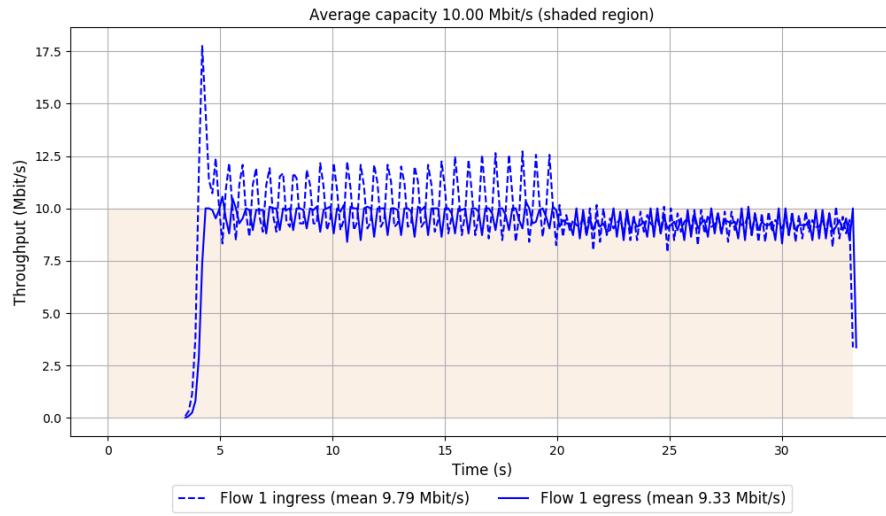


```
Run 7: Statistics of Eagle-006

Start at: 2019-10-27 07:08:48
End at: 2019-10-27 07:09:18

# Below is generated by plot.py at 2019-10-27 07:45:21
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 9.33 Mbit/s (93.3% utilization)
95th percentile per-packet one-way delay: 45.968 ms
Loss rate: 4.79%
-- Flow 1:
Average throughput: 9.33 Mbit/s
95th percentile per-packet one-way delay: 45.968 ms
Loss rate: 4.79%
```

Run 7: Report of Eagle-006 — Data Link



Run 8: Statistics of Eagle-006

Start at: 2019-10-27 07:14:34

End at: 2019-10-27 07:15:04

Below is generated by plot.py at 2019-10-27 07:45:21

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 7.16 Mbit/s (71.6% utilization)

95th percentile per-packet one-way delay: 39.156 ms

Loss rate: 0.19%

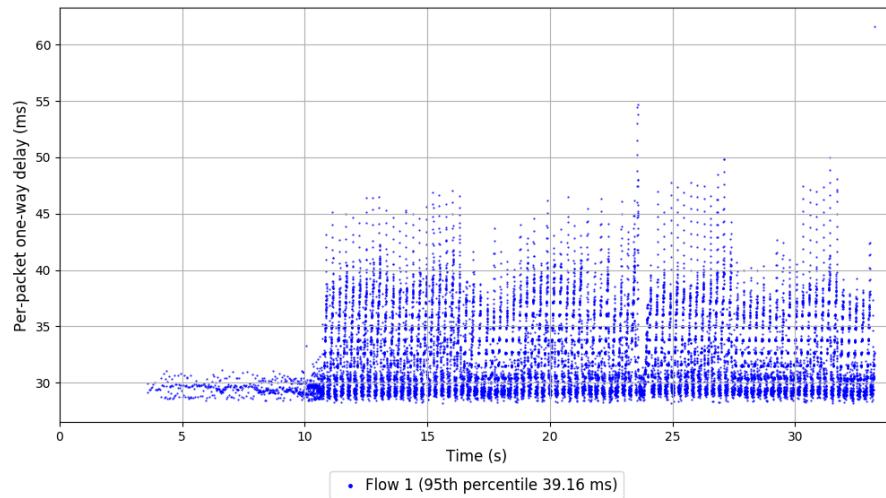
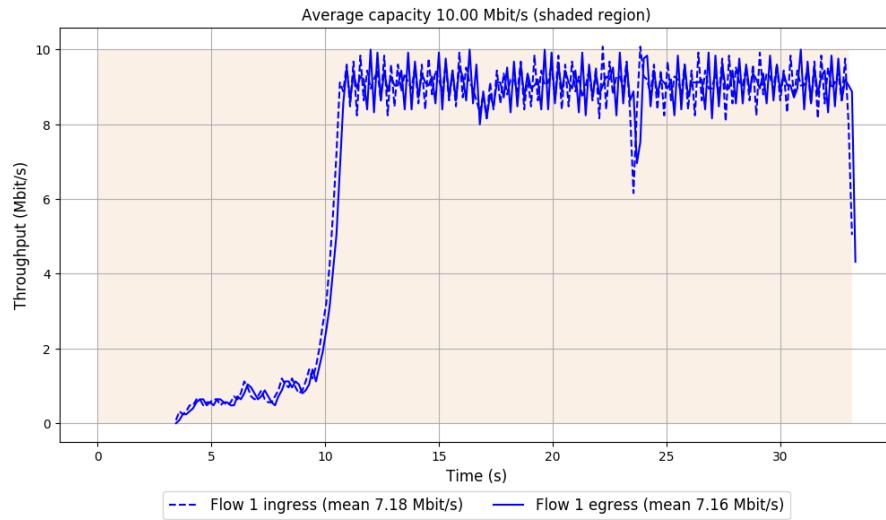
-- Flow 1:

Average throughput: 7.16 Mbit/s

95th percentile per-packet one-way delay: 39.156 ms

Loss rate: 0.19%

Run 8: Report of Eagle-006 — Data Link

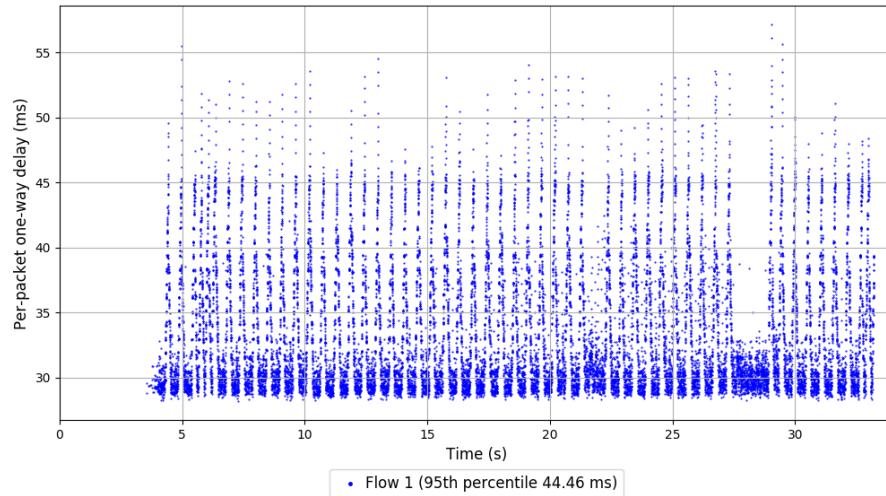
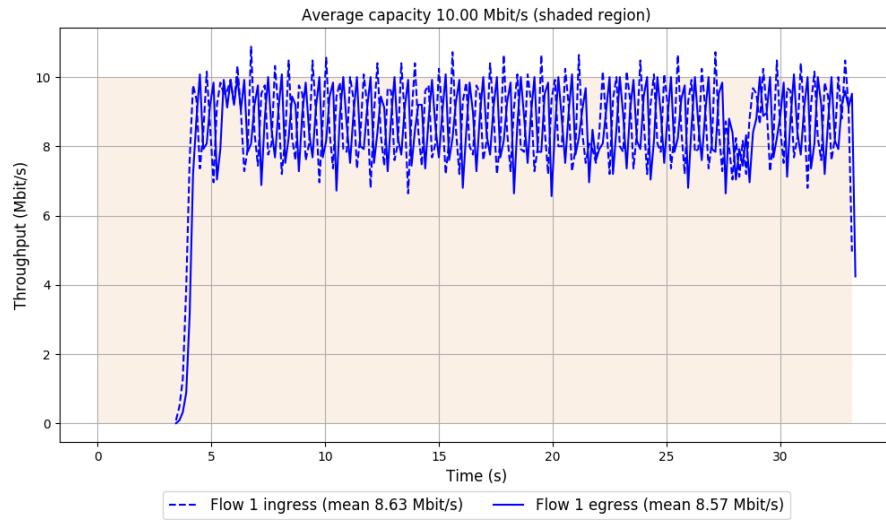


```
Run 9: Statistics of Eagle-006

Start at: 2019-10-27 07:20:21
End at: 2019-10-27 07:20:51

# Below is generated by plot.py at 2019-10-27 07:45:26
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 8.57 Mbit/s (85.7% utilization)
95th percentile per-packet one-way delay: 44.461 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 8.57 Mbit/s
95th percentile per-packet one-way delay: 44.461 ms
Loss rate: 0.76%
```

Run 9: Report of Eagle-006 — Data Link

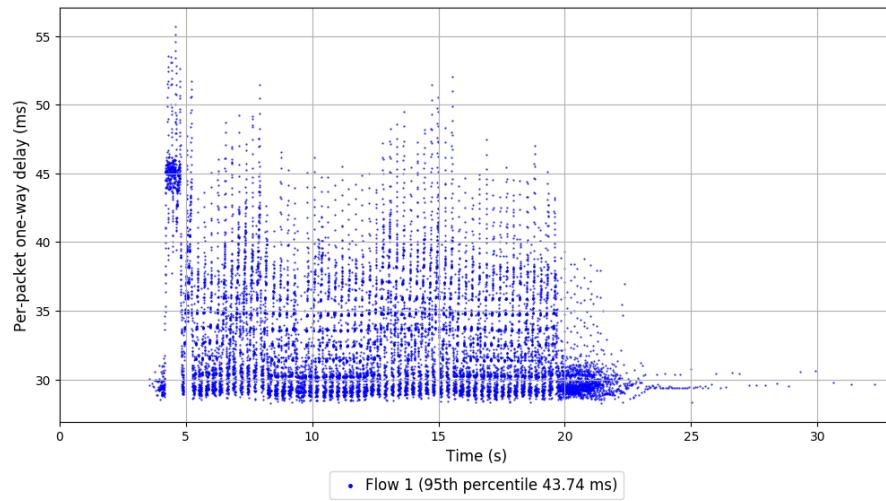
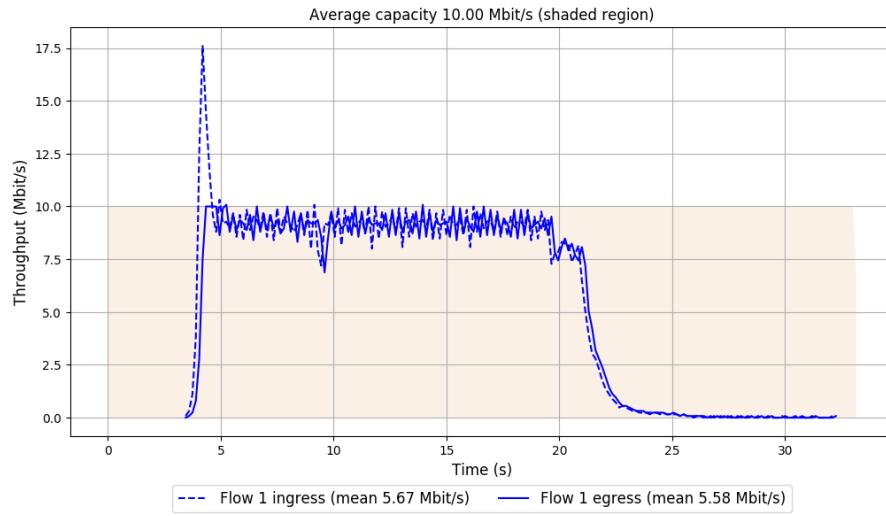


```
Run 10: Statistics of Eagle-006

Start at: 2019-10-27 07:26:07
End at: 2019-10-27 07:26:37

# Below is generated by plot.py at 2019-10-27 07:45:27
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 5.58 Mbit/s (55.8% utilization)
95th percentile per-packet one-way delay: 43.740 ms
Loss rate: 1.63%
-- Flow 1:
Average throughput: 5.58 Mbit/s
95th percentile per-packet one-way delay: 43.740 ms
Loss rate: 1.63%
```

Run 10: Report of Eagle-006 — Data Link

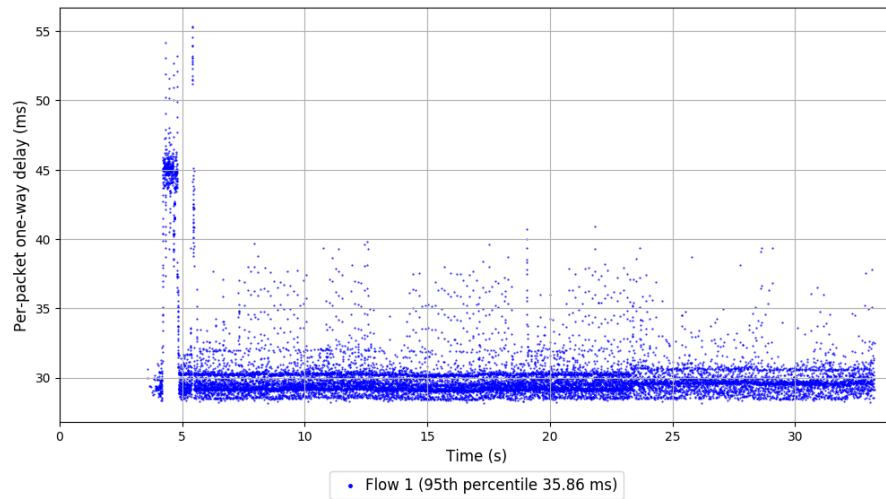
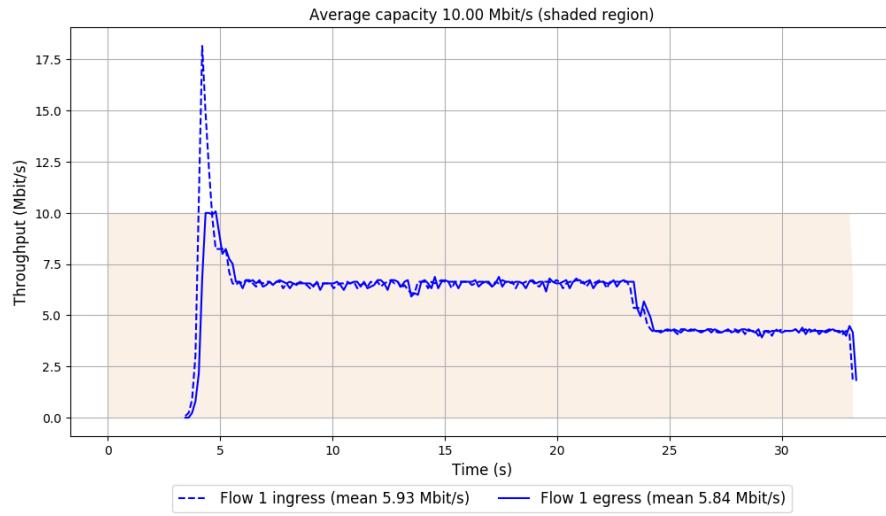


```
Run 1: Statistics of Eagle-007

Start at: 2019-10-27 06:34:51
End at: 2019-10-27 06:35:21

# Below is generated by plot.py at 2019-10-27 07:45:27
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 5.84 Mbit/s (58.4% utilization)
95th percentile per-packet one-way delay: 35.859 ms
Loss rate: 1.58%
-- Flow 1:
Average throughput: 5.84 Mbit/s
95th percentile per-packet one-way delay: 35.859 ms
Loss rate: 1.58%
```

Run 1: Report of Eagle-007 — Data Link



Run 2: Statistics of Eagle-007

Start at: 2019-10-27 06:40:36

End at: 2019-10-27 06:41:06

Below is generated by plot.py at 2019-10-27 07:45:27

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 0.08 Mbit/s (0.8% utilization)

95th percentile per-packet one-way delay: 30.499 ms

Loss rate: 0.00%

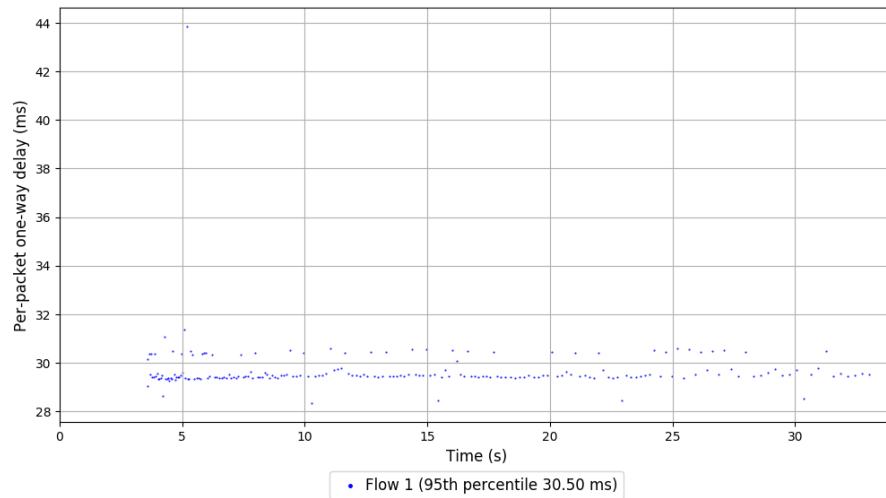
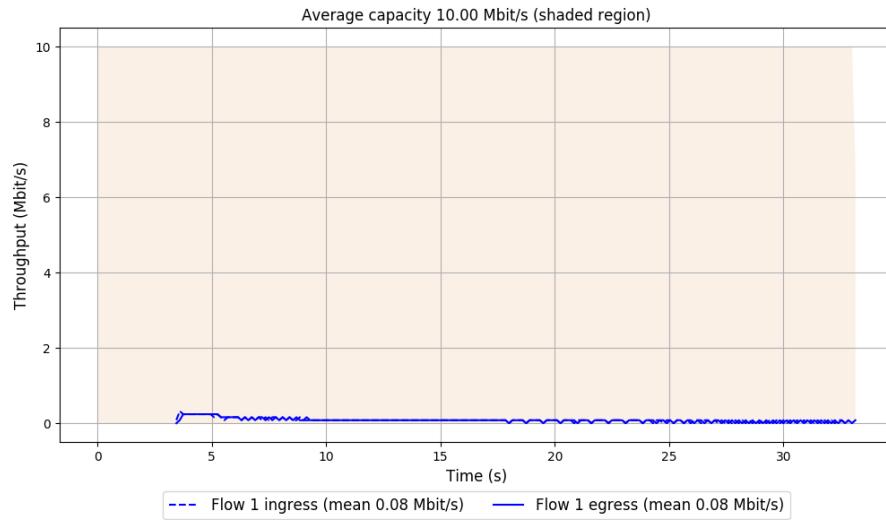
-- Flow 1:

Average throughput: 0.08 Mbit/s

95th percentile per-packet one-way delay: 30.499 ms

Loss rate: 0.00%

Run 2: Report of Eagle-007 — Data Link



Run 3: Statistics of Eagle-007

Start at: 2019-10-27 06:46:22

End at: 2019-10-27 06:46:52

Below is generated by plot.py at 2019-10-27 07:45:30

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 5.14 Mbit/s (51.3% utilization)

95th percentile per-packet one-way delay: 36.495 ms

Loss rate: 1.84%

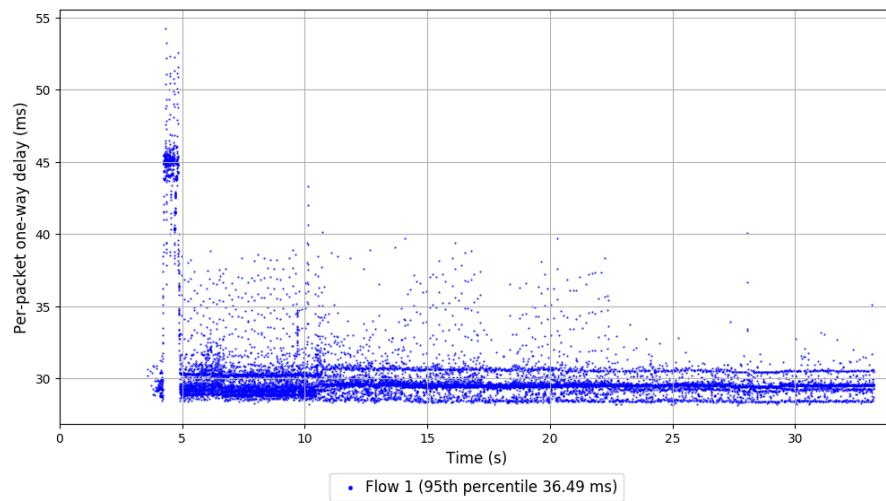
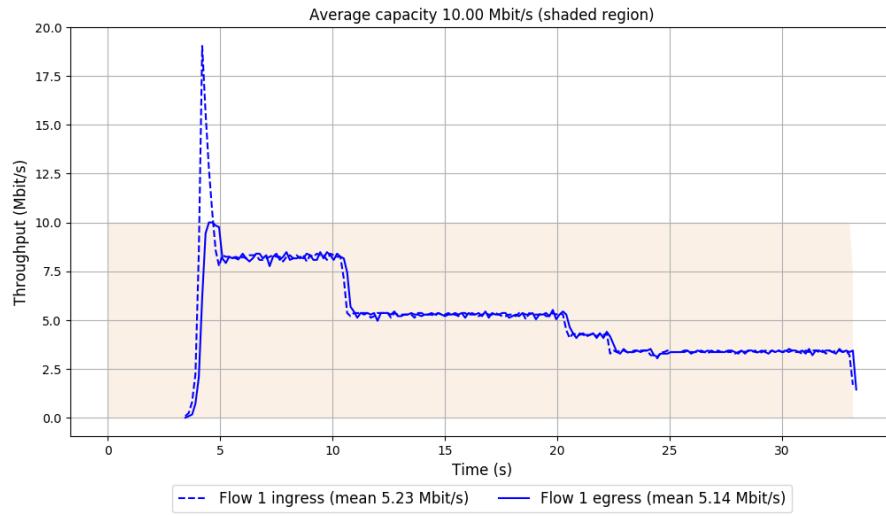
-- Flow 1:

Average throughput: 5.14 Mbit/s

95th percentile per-packet one-way delay: 36.495 ms

Loss rate: 1.84%

Run 3: Report of Eagle-007 — Data Link



Run 4: Statistics of Eagle-007

Start at: 2019-10-27 06:52:07

End at: 2019-10-27 06:52:37

Below is generated by plot.py at 2019-10-27 07:45:31

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 3.03 Mbit/s (30.3% utilization)

95th percentile per-packet one-way delay: 44.200 ms

Loss rate: 2.94%

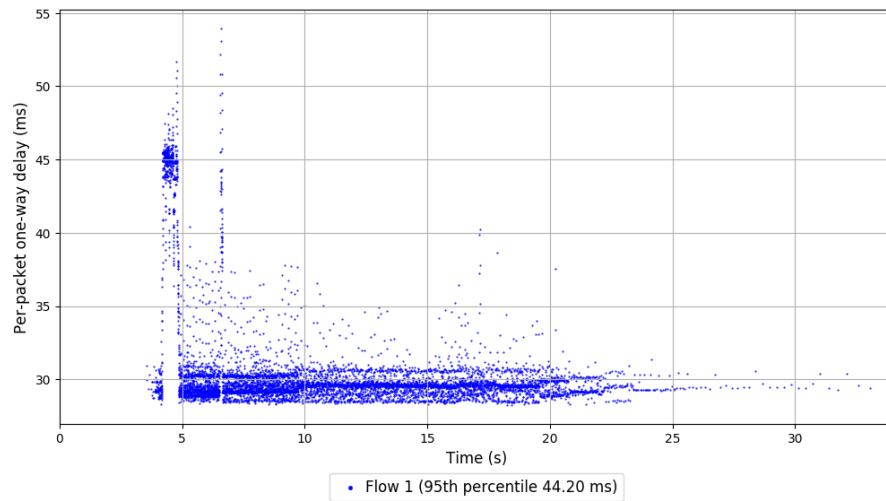
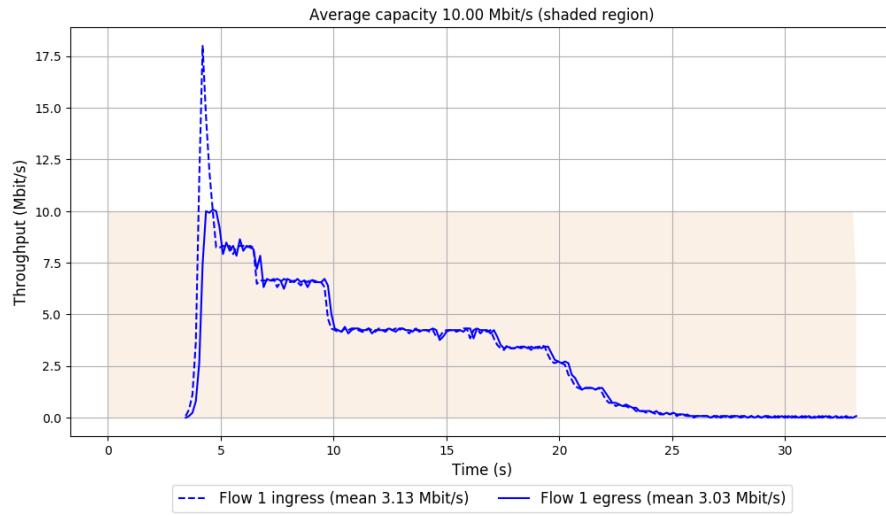
-- Flow 1:

Average throughput: 3.03 Mbit/s

95th percentile per-packet one-way delay: 44.200 ms

Loss rate: 2.94%

Run 4: Report of Eagle-007 — Data Link

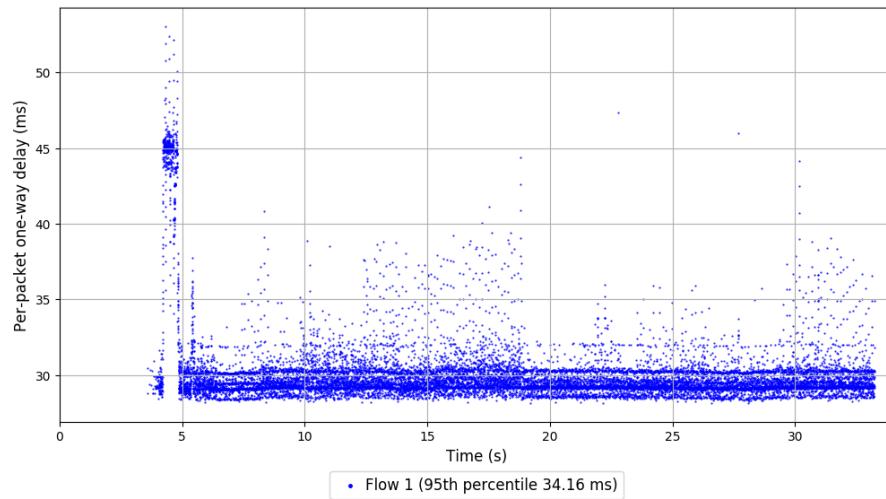
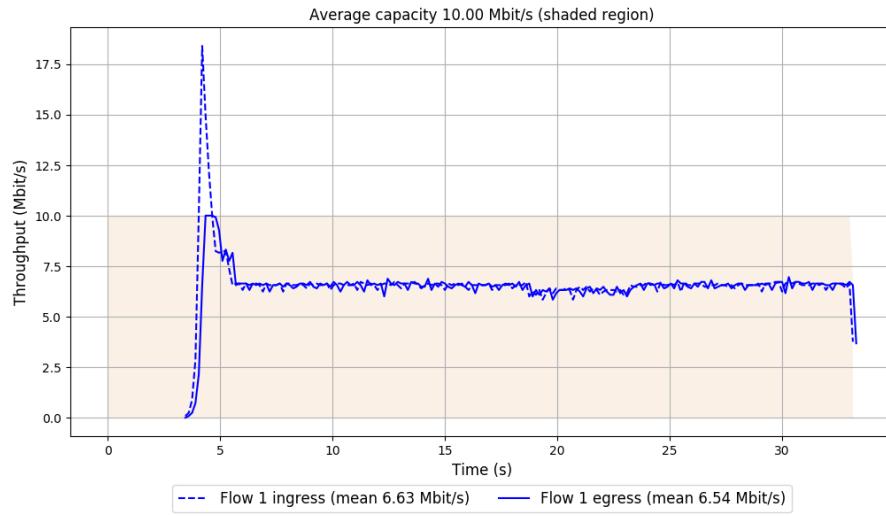


```
Run 5: Statistics of Eagle-007

Start at: 2019-10-27 06:57:52
End at: 2019-10-27 06:58:22

# Below is generated by plot.py at 2019-10-27 07:45:34
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 6.54 Mbit/s (65.4% utilization)
95th percentile per-packet one-way delay: 34.163 ms
Loss rate: 1.43%
-- Flow 1:
Average throughput: 6.54 Mbit/s
95th percentile per-packet one-way delay: 34.163 ms
Loss rate: 1.43%
```

Run 5: Report of Eagle-007 — Data Link



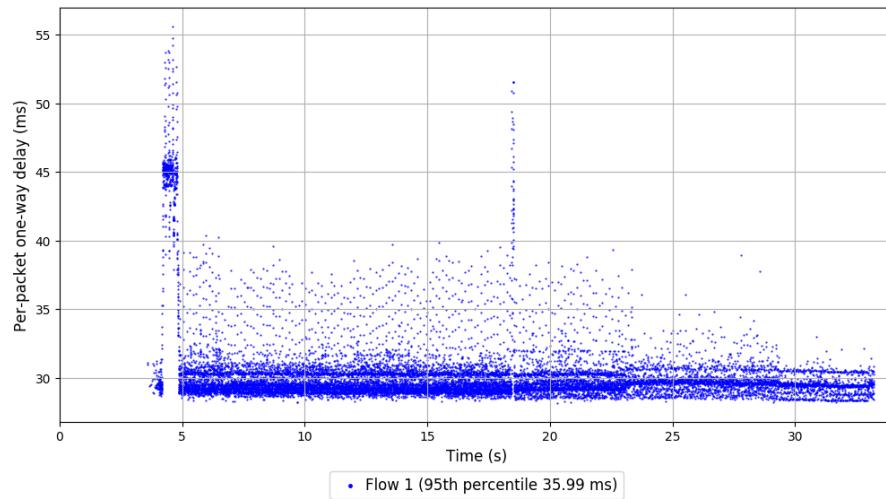
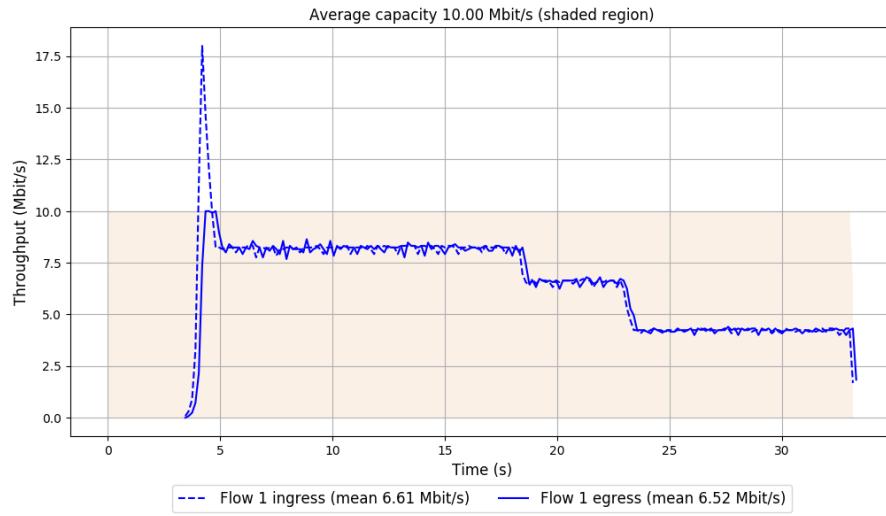
Run 6: Statistics of Eagle-007

Start at: 2019-10-27 07:03:37

End at: 2019-10-27 07:04:07

```
# Below is generated by plot.py at 2019-10-27 07:45:35
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 6.52 Mbit/s (65.2% utilization)
95th percentile per-packet one-way delay: 35.986 ms
Loss rate: 1.40%
-- Flow 1:
Average throughput: 6.52 Mbit/s
95th percentile per-packet one-way delay: 35.986 ms
Loss rate: 1.40%
```

Run 6: Report of Eagle-007 — Data Link

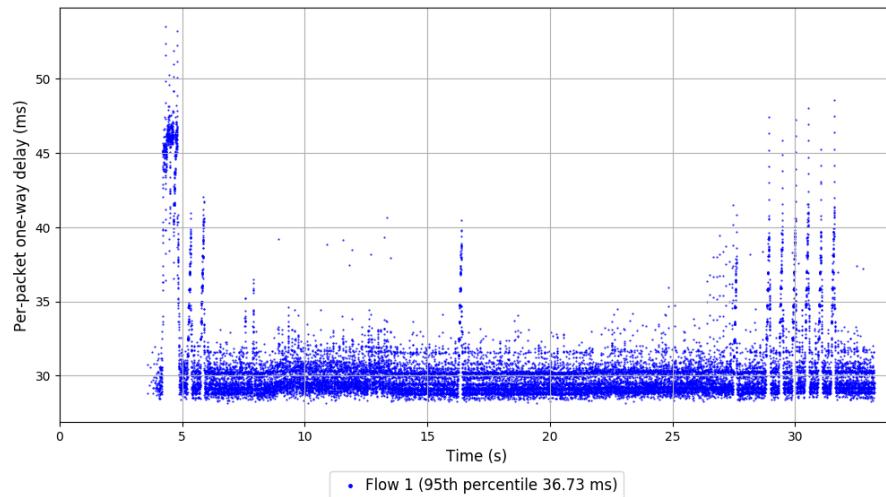
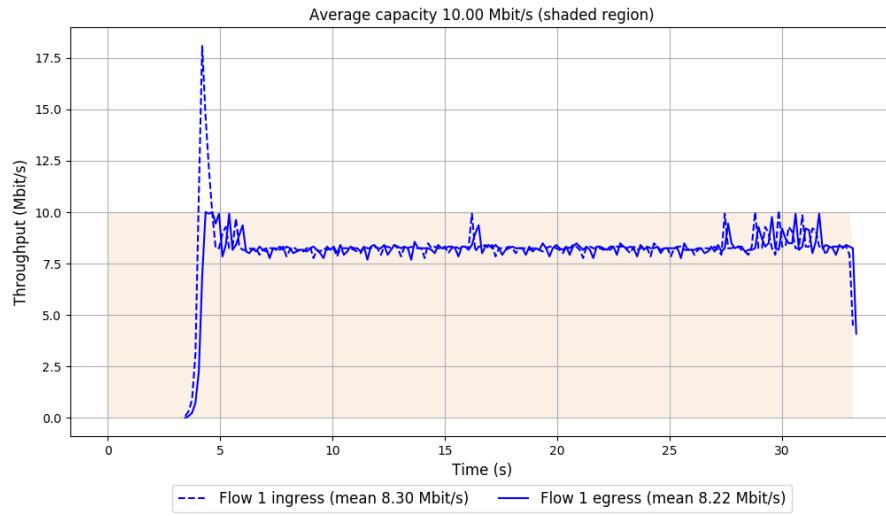


```
Run 7: Statistics of Eagle-007

Start at: 2019-10-27 07:09:23
End at: 2019-10-27 07:09:53

# Below is generated by plot.py at 2019-10-27 07:45:39
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 8.22 Mbit/s (82.2% utilization)
95th percentile per-packet one-way delay: 36.729 ms
Loss rate: 1.17%
-- Flow 1:
Average throughput: 8.22 Mbit/s
95th percentile per-packet one-way delay: 36.729 ms
Loss rate: 1.17%
```

Run 7: Report of Eagle-007 — Data Link



Run 8: Statistics of Eagle-007

Start at: 2019-10-27 07:15:09

End at: 2019-10-27 07:15:39

Below is generated by plot.py at 2019-10-27 07:45:39

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 5.54 Mbit/s (55.4% utilization)

95th percentile per-packet one-way delay: 33.712 ms

Loss rate: 1.69%

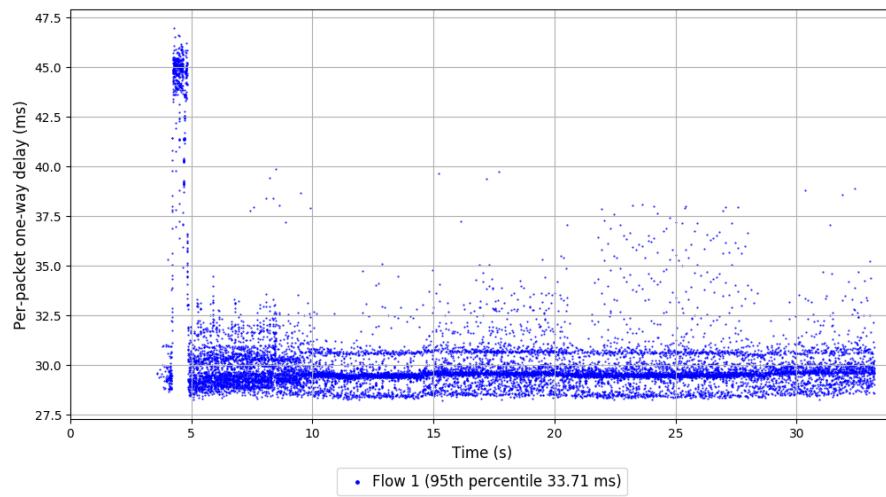
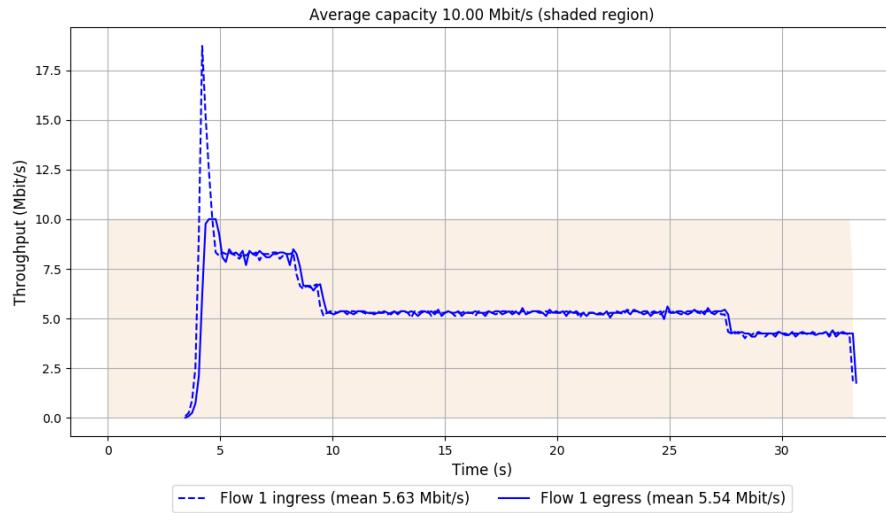
-- Flow 1:

Average throughput: 5.54 Mbit/s

95th percentile per-packet one-way delay: 33.712 ms

Loss rate: 1.69%

Run 8: Report of Eagle-007 — Data Link



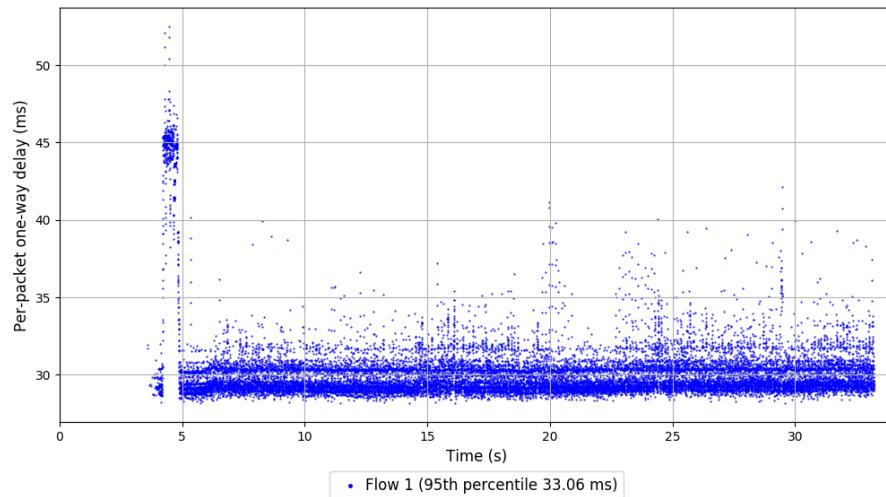
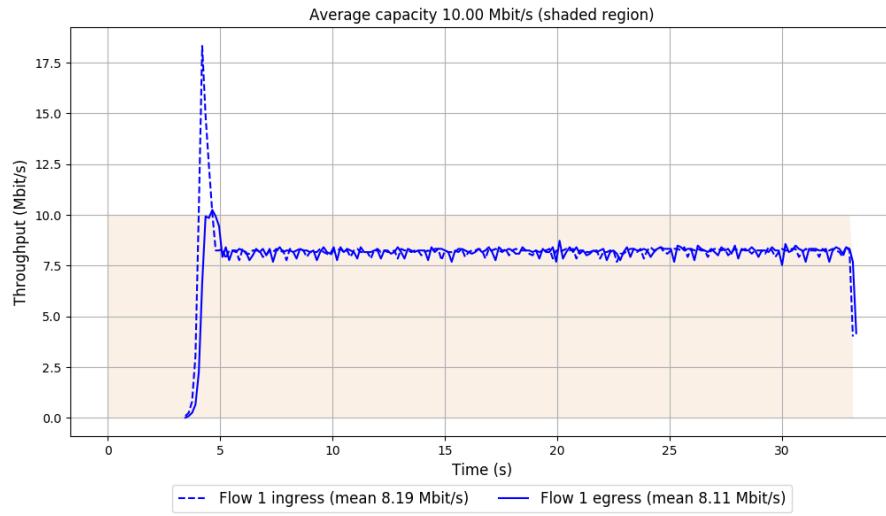
Run 9: Statistics of Eagle-007

Start at: 2019-10-27 07:20:55

End at: 2019-10-27 07:21:25

```
# Below is generated by plot.py at 2019-10-27 07:45:43
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 8.11 Mbit/s (81.1% utilization)
95th percentile per-packet one-way delay: 33.059 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 8.11 Mbit/s
95th percentile per-packet one-way delay: 33.059 ms
Loss rate: 1.20%
```

Run 9: Report of Eagle-007 — Data Link

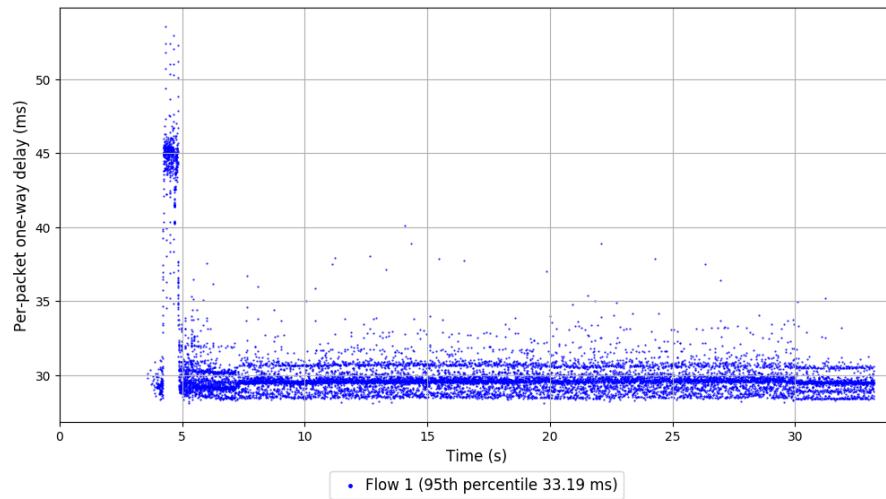
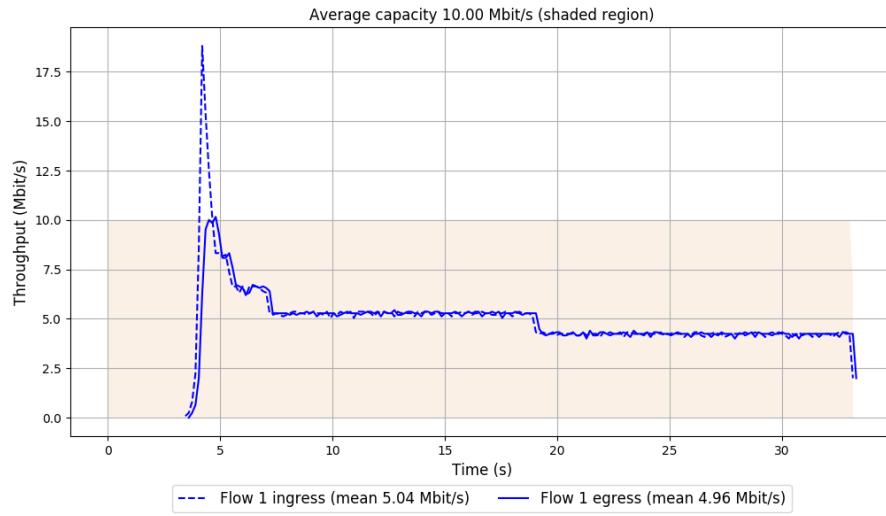


```
Run 10: Statistics of Eagle-007

Start at: 2019-10-27 07:26:41
End at: 2019-10-27 07:27:11

# Below is generated by plot.py at 2019-10-27 07:45:43
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 4.96 Mbit/s (49.6% utilization)
95th percentile per-packet one-way delay: 33.187 ms
Loss rate: 1.86%
-- Flow 1:
Average throughput: 4.96 Mbit/s
95th percentile per-packet one-way delay: 33.187 ms
Loss rate: 1.86%
```

Run 10: Report of Eagle-007 — Data Link

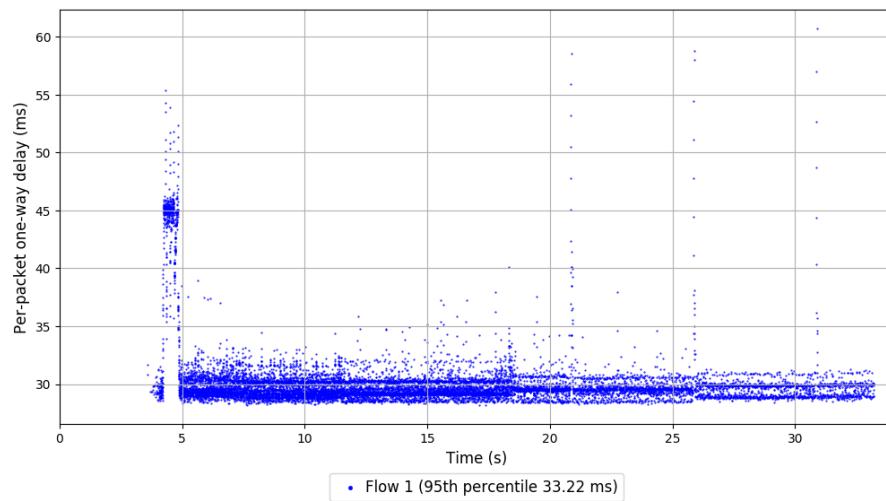
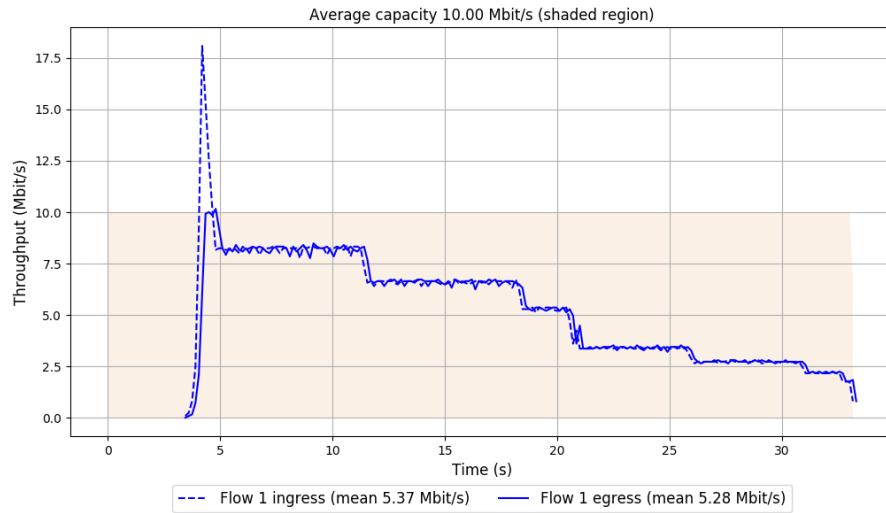


```
Run 1: Statistics of Eagle-008

Start at: 2019-10-27 06:35:26
End at: 2019-10-27 06:35:56

# Below is generated by plot.py at 2019-10-27 07:45:45
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 5.28 Mbit/s (52.8% utilization)
95th percentile per-packet one-way delay: 33.215 ms
Loss rate: 1.66%
-- Flow 1:
Average throughput: 5.28 Mbit/s
95th percentile per-packet one-way delay: 33.215 ms
Loss rate: 1.66%
```

Run 1: Report of Eagle-008 — Data Link



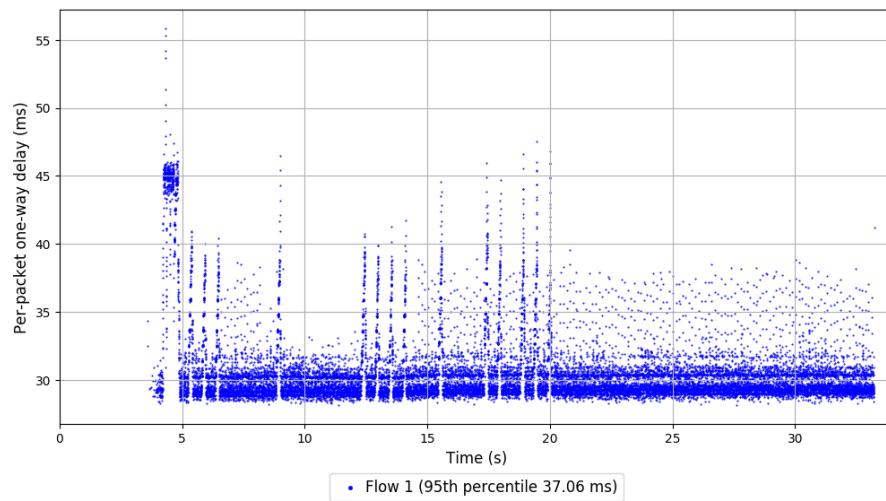
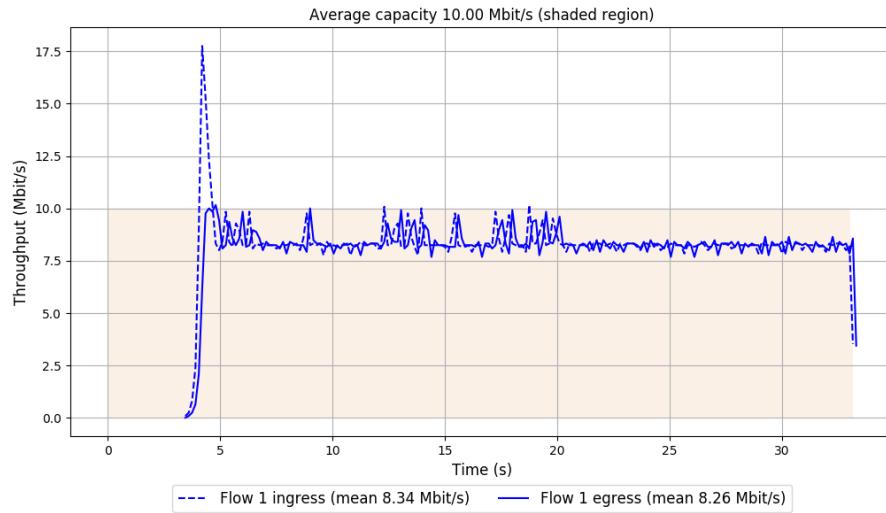
Run 2: Statistics of Eagle-008

Start at: 2019-10-27 06:41:11

End at: 2019-10-27 06:41:41

```
# Below is generated by plot.py at 2019-10-27 07:45:48
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 8.26 Mbit/s (82.6% utilization)
95th percentile per-packet one-way delay: 37.060 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 8.26 Mbit/s
95th percentile per-packet one-way delay: 37.060 ms
Loss rate: 1.11%
```

Run 2: Report of Eagle-008 — Data Link



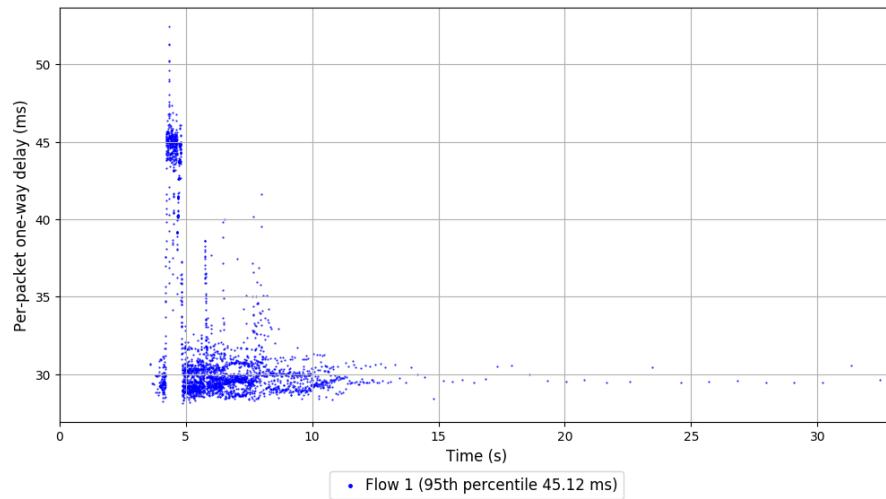
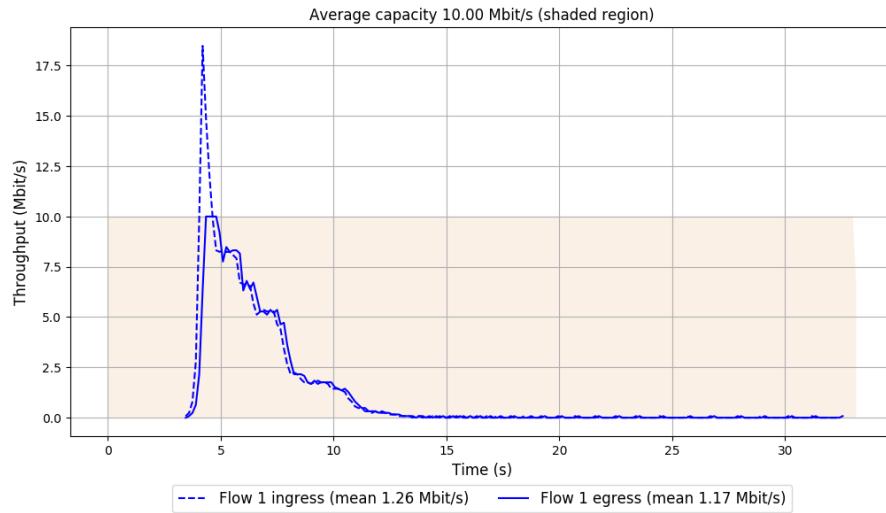
Run 3: Statistics of Eagle-008

Start at: 2019-10-27 06:46:57

End at: 2019-10-27 06:47:27

```
# Below is generated by plot.py at 2019-10-27 07:45:48
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 1.17 Mbit/s (11.7% utilization)
95th percentile per-packet one-way delay: 45.123 ms
Loss rate: 7.18%
-- Flow 1:
Average throughput: 1.17 Mbit/s
95th percentile per-packet one-way delay: 45.123 ms
Loss rate: 7.18%
```

Run 3: Report of Eagle-008 — Data Link



Run 4: Statistics of Eagle-008

Start at: 2019-10-27 06:52:41

End at: 2019-10-27 06:53:12

Below is generated by plot.py at 2019-10-27 07:45:48

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 0.04 Mbit/s (0.4% utilization)

95th percentile per-packet one-way delay: 30.541 ms

Loss rate: 0.00%

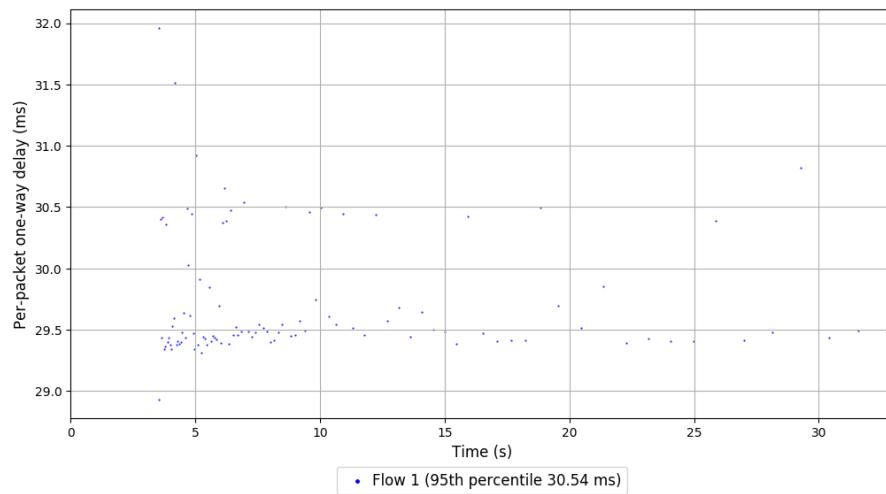
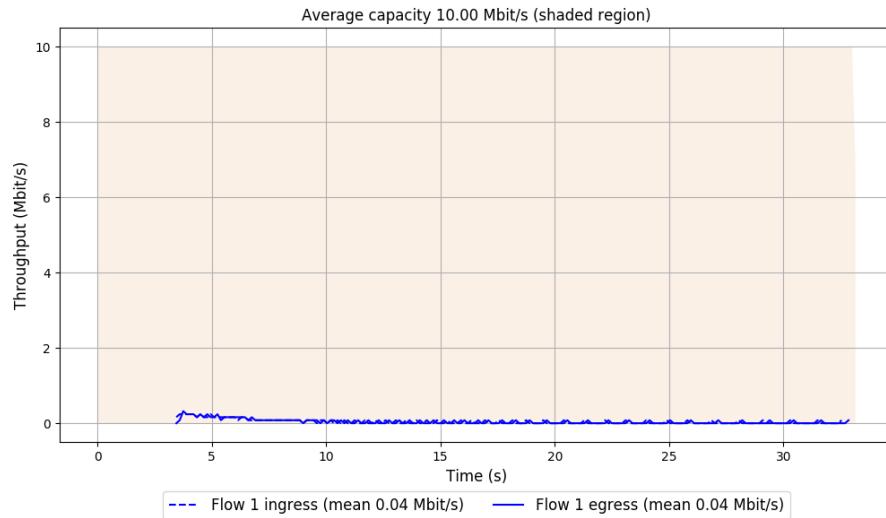
-- Flow 1:

Average throughput: 0.04 Mbit/s

95th percentile per-packet one-way delay: 30.541 ms

Loss rate: 0.00%

Run 4: Report of Eagle-008 — Data Link

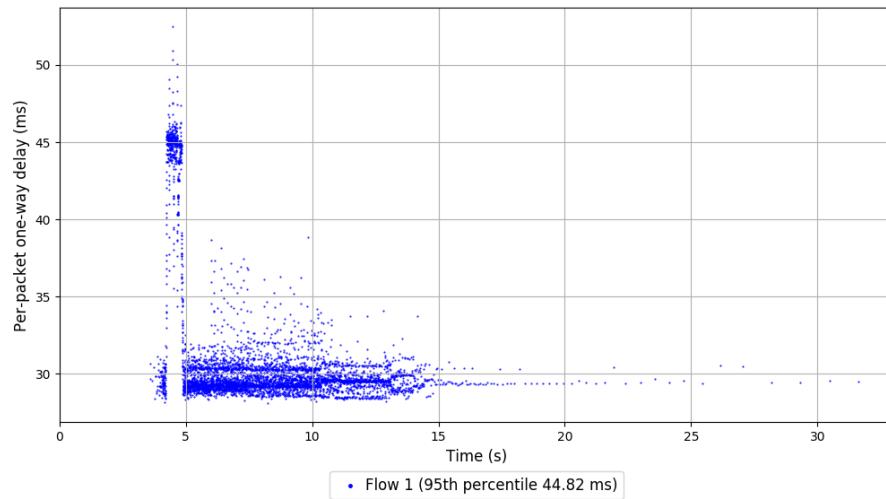
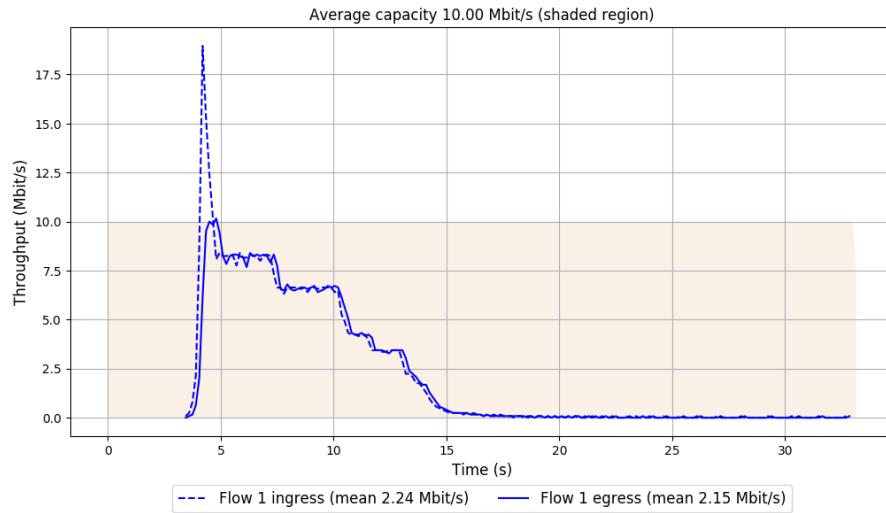


```
Run 5: Statistics of Eagle-008

Start at: 2019-10-27 06:58:26
End at: 2019-10-27 06:58:57

# Below is generated by plot.py at 2019-10-27 07:45:49
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 2.15 Mbit/s (21.5% utilization)
95th percentile per-packet one-way delay: 44.823 ms
Loss rate: 4.06%
-- Flow 1:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 44.823 ms
Loss rate: 4.06%
```

Run 5: Report of Eagle-008 — Data Link



Run 6: Statistics of Eagle-008

Start at: 2019-10-27 07:04:11

End at: 2019-10-27 07:04:41

Below is generated by plot.py at 2019-10-27 07:45:50

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 1.56 Mbit/s (15.6% utilization)

95th percentile per-packet one-way delay: 45.154 ms

Loss rate: 5.31%

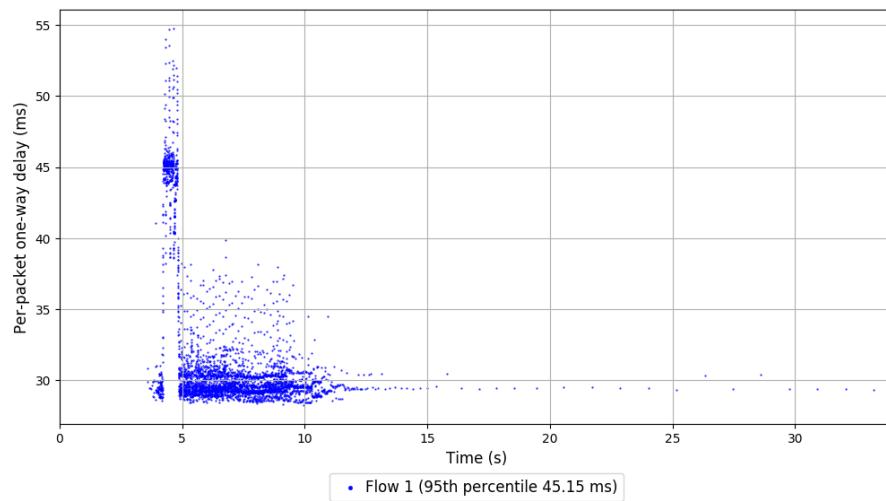
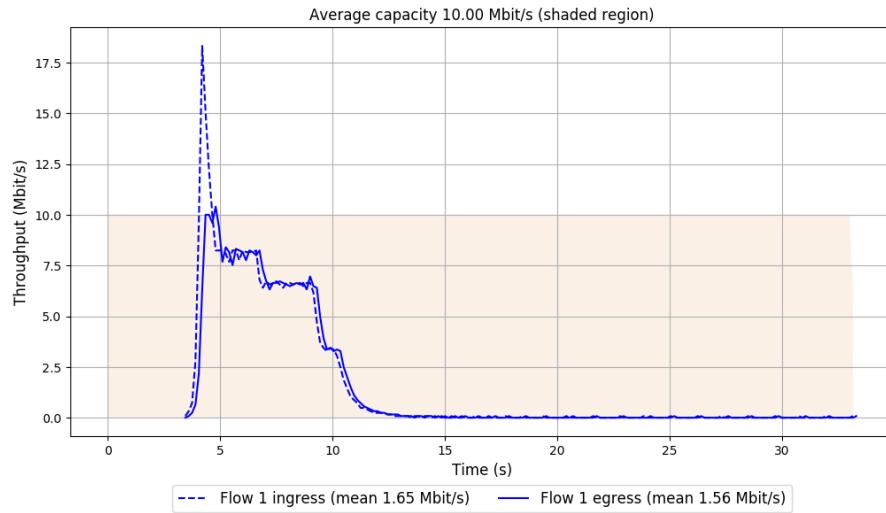
-- Flow 1:

Average throughput: 1.56 Mbit/s

95th percentile per-packet one-way delay: 45.154 ms

Loss rate: 5.31%

Run 6: Report of Eagle-008 — Data Link

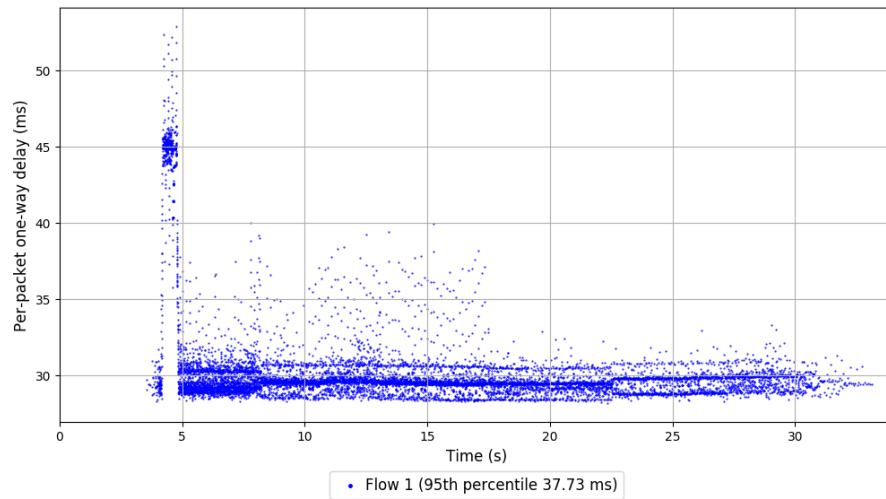
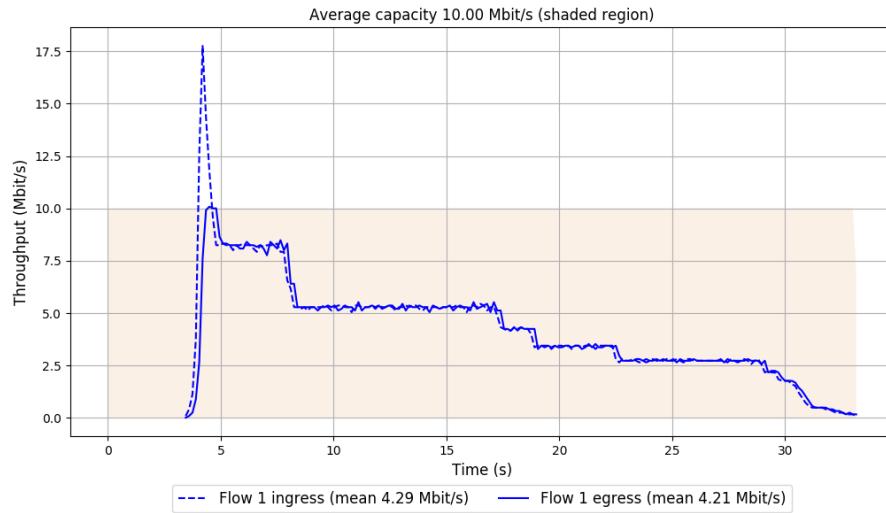


```
Run 7: Statistics of Eagle-008

Start at: 2019-10-27 07:09:58
End at: 2019-10-27 07:10:28

# Below is generated by plot.py at 2019-10-27 07:45:52
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 4.21 Mbit/s (42.1% utilization)
95th percentile per-packet one-way delay: 37.735 ms
Loss rate: 2.10%
-- Flow 1:
Average throughput: 4.21 Mbit/s
95th percentile per-packet one-way delay: 37.735 ms
Loss rate: 2.10%
```

Run 7: Report of Eagle-008 — Data Link



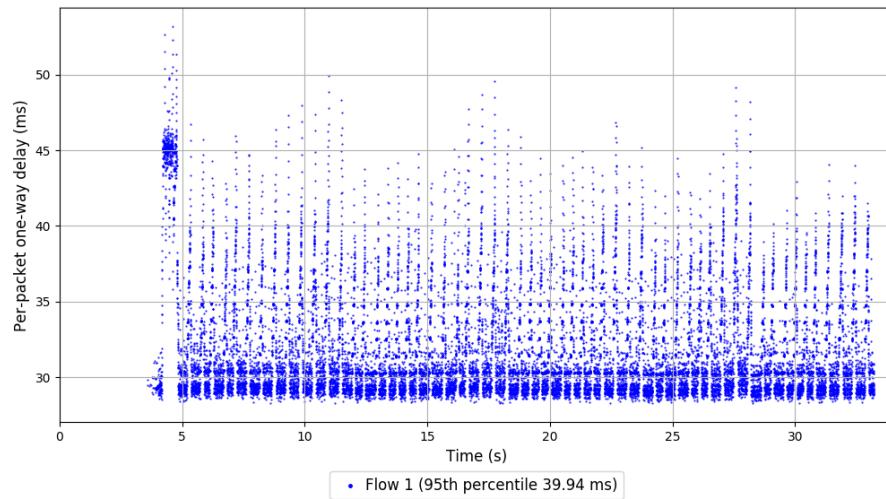
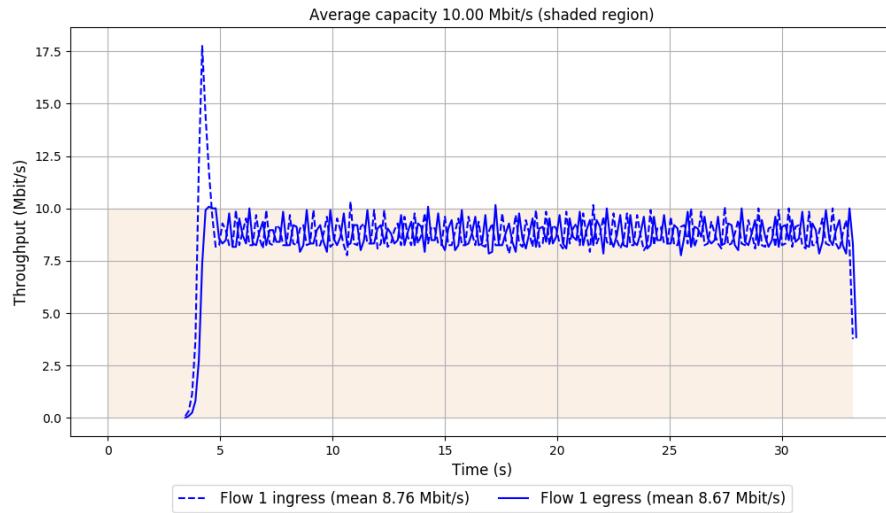
Run 8: Statistics of Eagle-008

Start at: 2019-10-27 07:15:44

End at: 2019-10-27 07:16:14

```
# Below is generated by plot.py at 2019-10-27 07:45:58
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 8.67 Mbit/s (86.7% utilization)
95th percentile per-packet one-way delay: 39.936 ms
Loss rate: 1.09%
-- Flow 1:
Average throughput: 8.67 Mbit/s
95th percentile per-packet one-way delay: 39.936 ms
Loss rate: 1.09%
```

Run 8: Report of Eagle-008 — Data Link

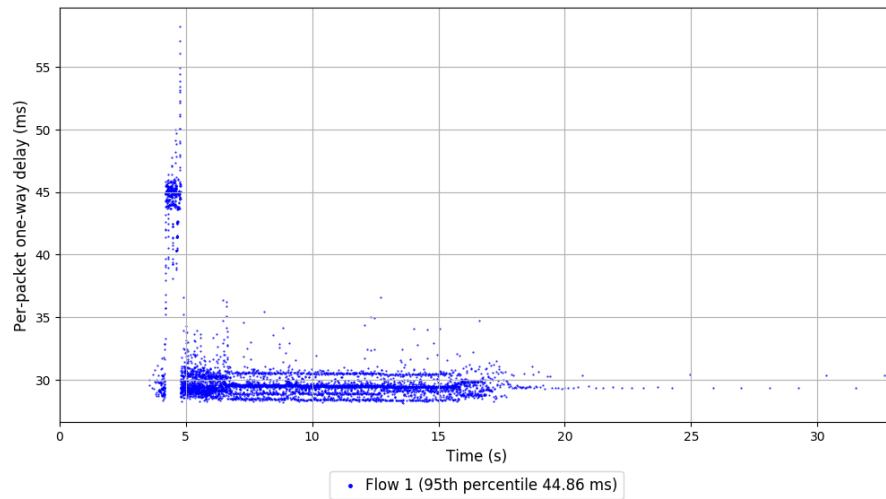
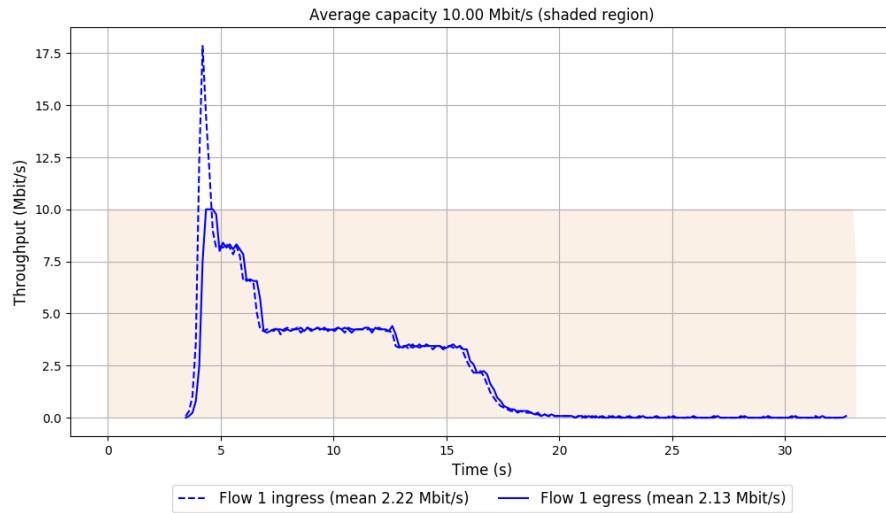


```
Run 9: Statistics of Eagle-008

Start at: 2019-10-27 07:21:30
End at: 2019-10-27 07:22:00

# Below is generated by plot.py at 2019-10-27 07:45:58
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 2.13 Mbit/s (21.3% utilization)
95th percentile per-packet one-way delay: 44.861 ms
Loss rate: 4.16%
-- Flow 1:
Average throughput: 2.13 Mbit/s
95th percentile per-packet one-way delay: 44.861 ms
Loss rate: 4.16%
```

Run 9: Report of Eagle-008 — Data Link



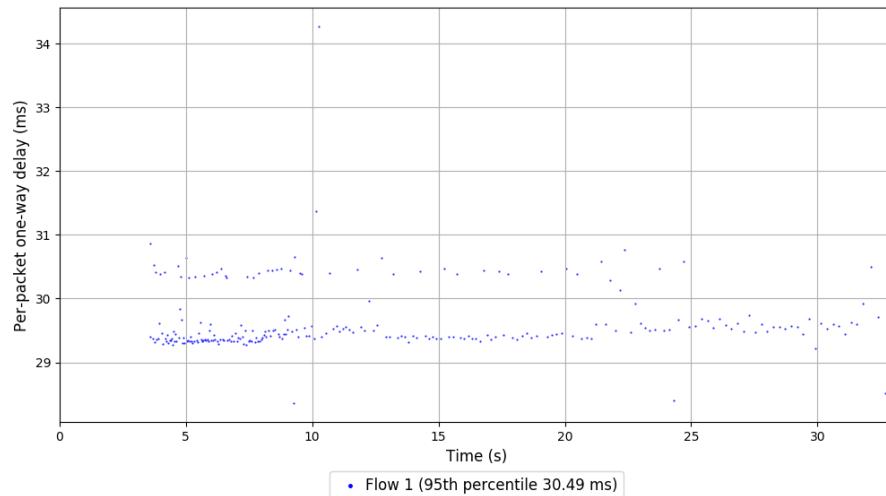
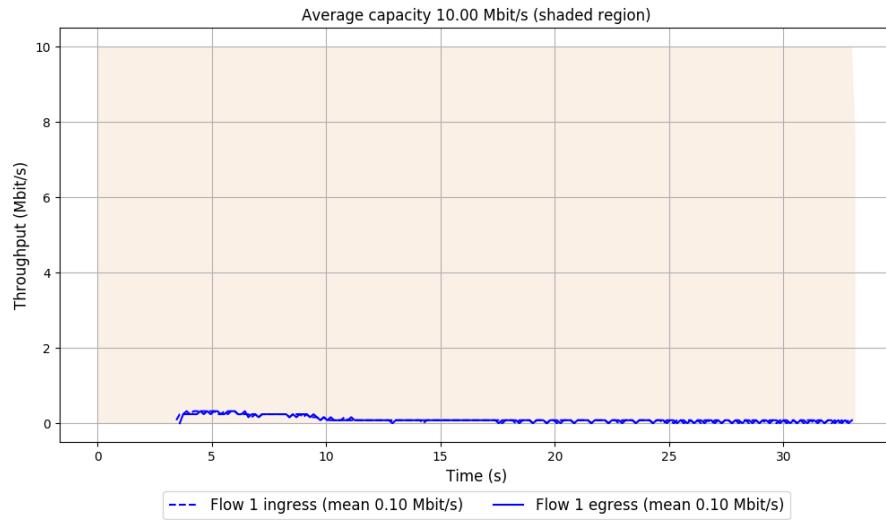
Run 10: Statistics of Eagle-008

Start at: 2019-10-27 07:27:16

End at: 2019-10-27 07:27:46

```
# Below is generated by plot.py at 2019-10-27 07:45:58
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 0.10 Mbit/s (1.0% utilization)
95th percentile per-packet one-way delay: 30.491 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.10 Mbit/s
95th percentile per-packet one-way delay: 30.491 ms
Loss rate: 0.00%
```

Run 10: Report of Eagle-008 — Data Link



Run 1: Statistics of Indigo

Start at: 2019-10-27 06:37:09

End at: 2019-10-27 06:37:39

Below is generated by plot.py at 2019-10-27 07:46:00

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 8.81 Mbit/s (88.1% utilization)

95th percentile per-packet one-way delay: 43.534 ms

Loss rate: 5.21%

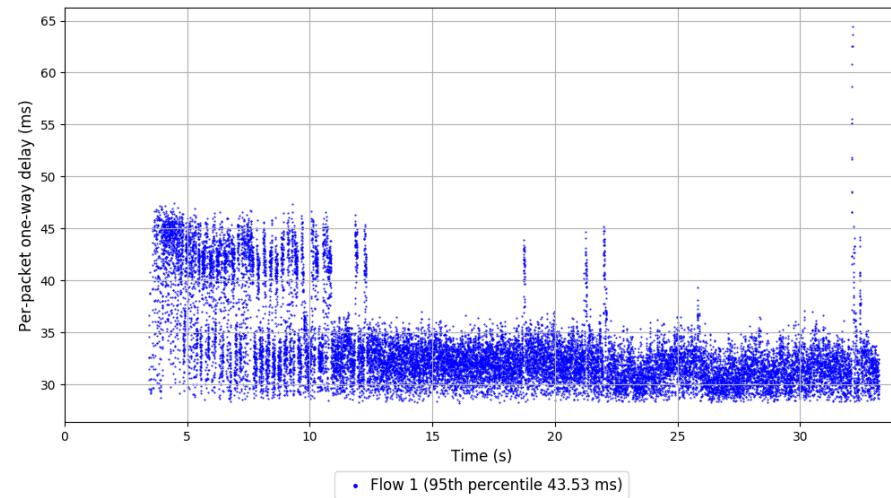
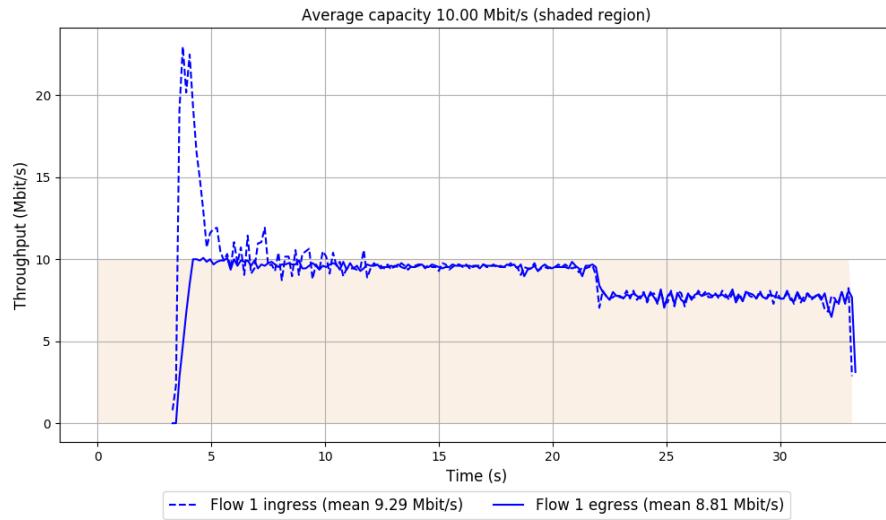
-- Flow 1:

Average throughput: 8.81 Mbit/s

95th percentile per-packet one-way delay: 43.534 ms

Loss rate: 5.21%

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2019-10-27 06:42:54

End at: 2019-10-27 06:43:24

Below is generated by plot.py at 2019-10-27 07:46:00

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 9.44 Mbit/s (94.4% utilization)

95th percentile per-packet one-way delay: 44.414 ms

Loss rate: 9.17%

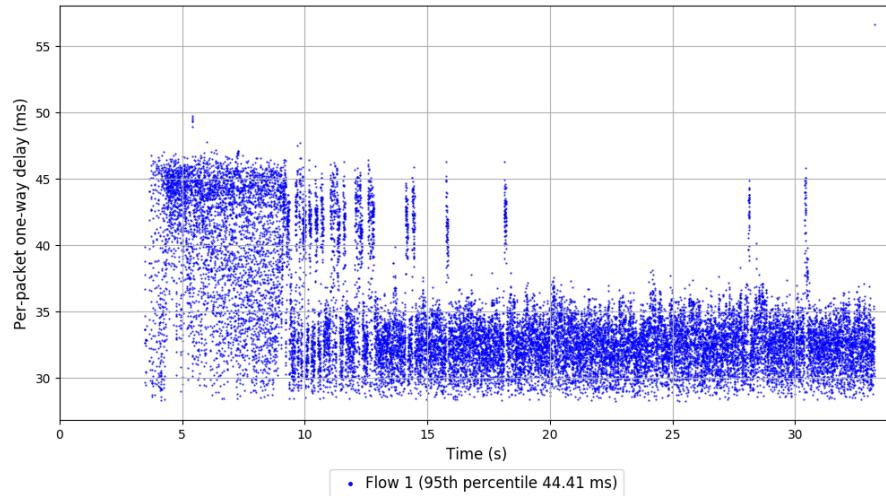
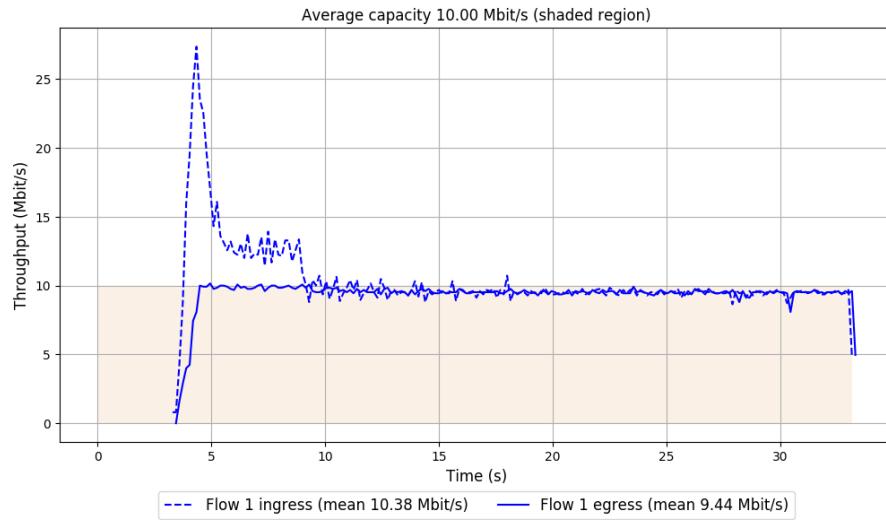
-- Flow 1:

Average throughput: 9.44 Mbit/s

95th percentile per-packet one-way delay: 44.414 ms

Loss rate: 9.17%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2019-10-27 06:48:40

End at: 2019-10-27 06:49:10

Below is generated by plot.py at 2019-10-27 07:46:03

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 9.43 Mbit/s (94.3% utilization)

95th percentile per-packet one-way delay: 39.901 ms

Loss rate: 2.30%

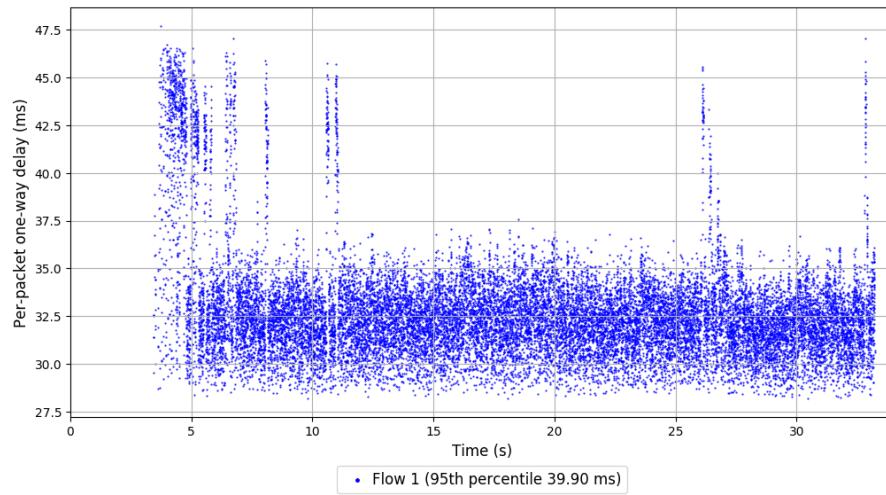
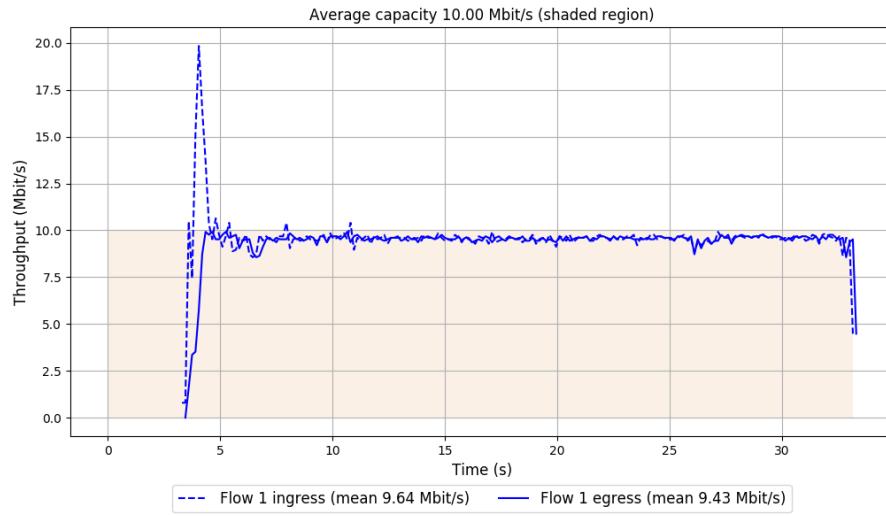
-- Flow 1:

Average throughput: 9.43 Mbit/s

95th percentile per-packet one-way delay: 39.901 ms

Loss rate: 2.30%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2019-10-27 06:54:25

End at: 2019-10-27 06:54:55

Below is generated by plot.py at 2019-10-27 07:46:07

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 9.44 Mbit/s (94.4% utilization)

95th percentile per-packet one-way delay: 37.493 ms

Loss rate: 2.45%

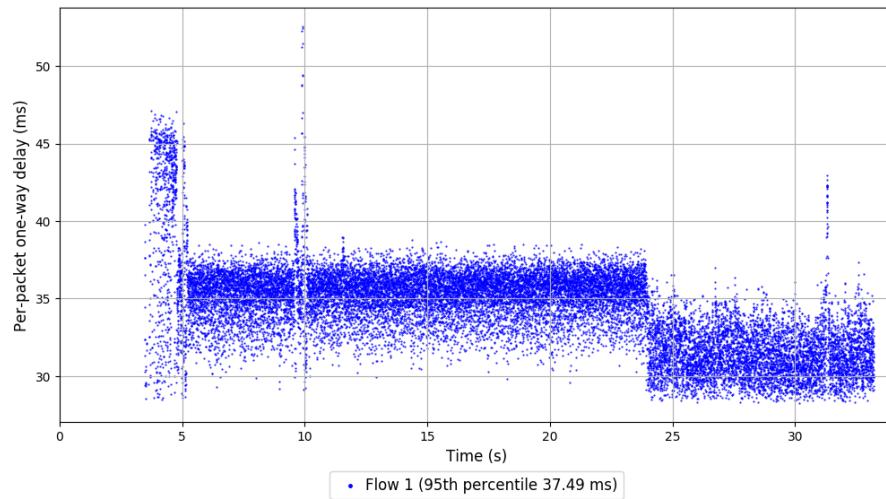
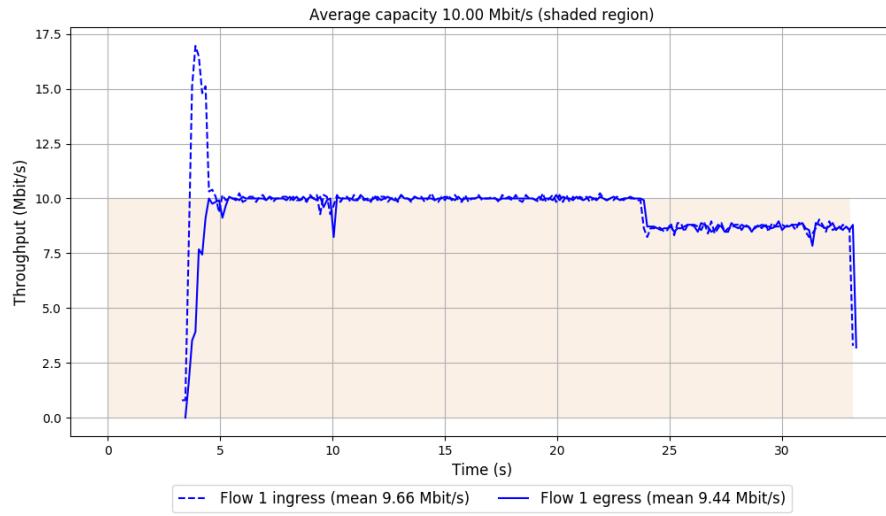
-- Flow 1:

Average throughput: 9.44 Mbit/s

95th percentile per-packet one-way delay: 37.493 ms

Loss rate: 2.45%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2019-10-27 07:00:10

End at: 2019-10-27 07:00:40

Below is generated by plot.py at 2019-10-27 07:46:07

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 6.97 Mbit/s (69.7% utilization)

95th percentile per-packet one-way delay: 39.741 ms

Loss rate: 2.37%

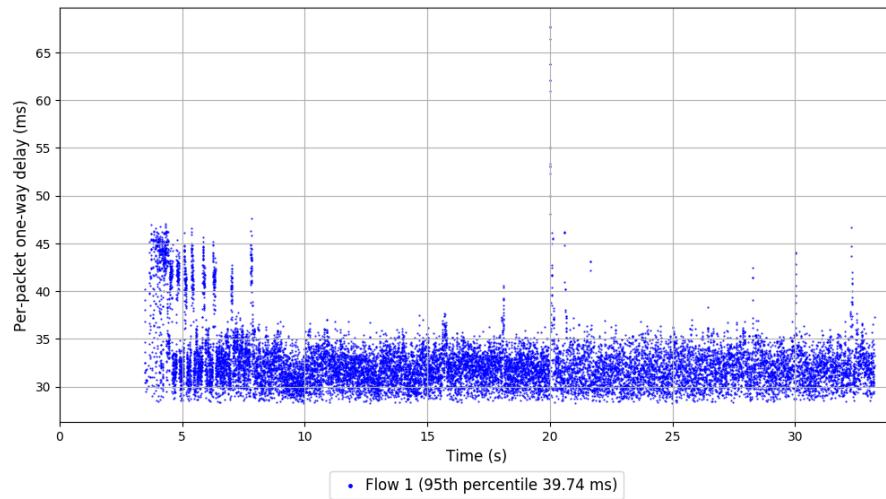
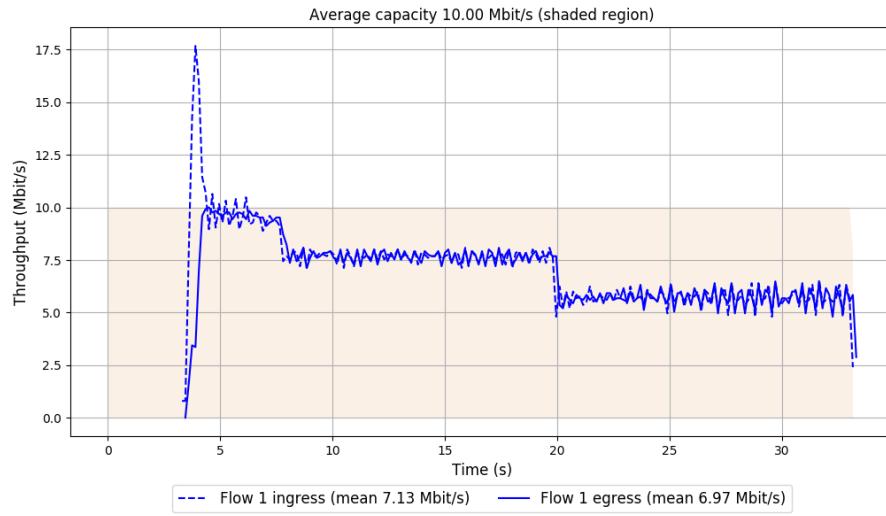
-- Flow 1:

Average throughput: 6.97 Mbit/s

95th percentile per-packet one-way delay: 39.741 ms

Loss rate: 2.37%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2019-10-27 07:05:55

End at: 2019-10-27 07:06:25

Below is generated by plot.py at 2019-10-27 07:46:10

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 9.48 Mbit/s (94.8% utilization)

95th percentile per-packet one-way delay: 44.118 ms

Loss rate: 8.12%

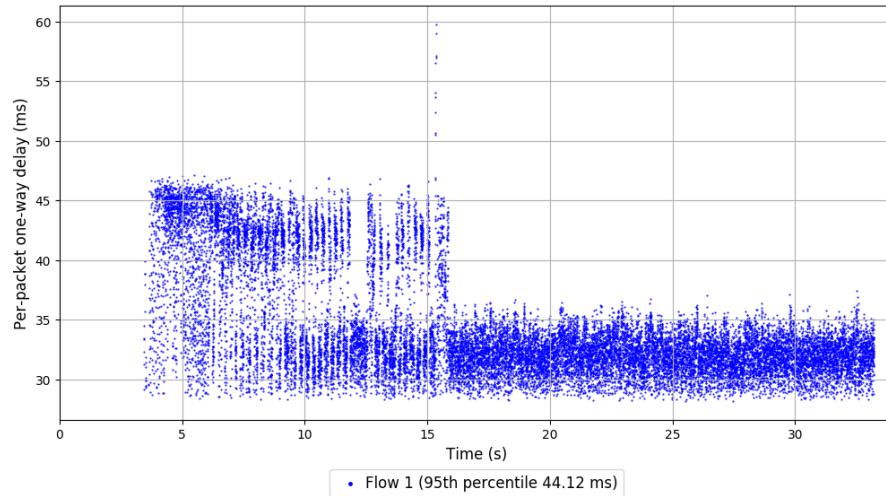
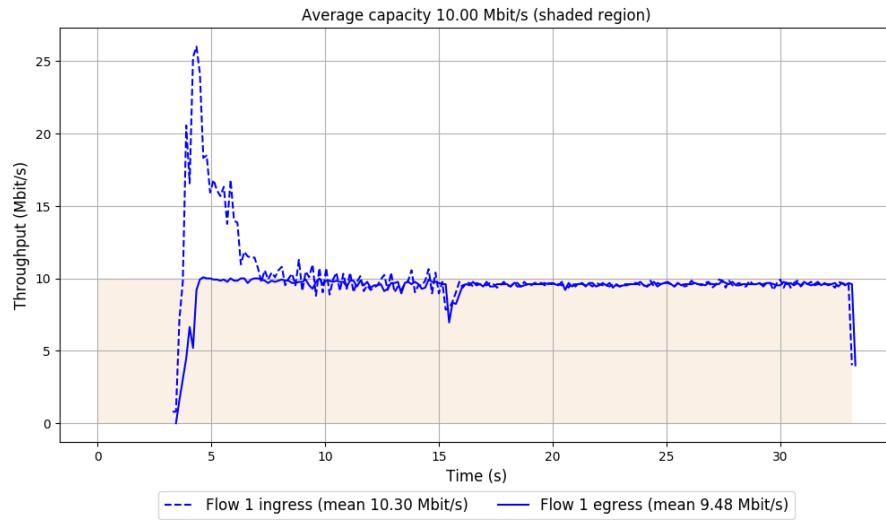
-- Flow 1:

Average throughput: 9.48 Mbit/s

95th percentile per-packet one-way delay: 44.118 ms

Loss rate: 8.12%

Run 6: Report of Indigo — Data Link



Run 7: Statistics of Indigo

Start at: 2019-10-27 07:11:41

End at: 2019-10-27 07:12:11

Below is generated by plot.py at 2019-10-27 07:46:12

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 9.24 Mbit/s (92.4% utilization)

95th percentile per-packet one-way delay: 40.800 ms

Loss rate: 2.42%

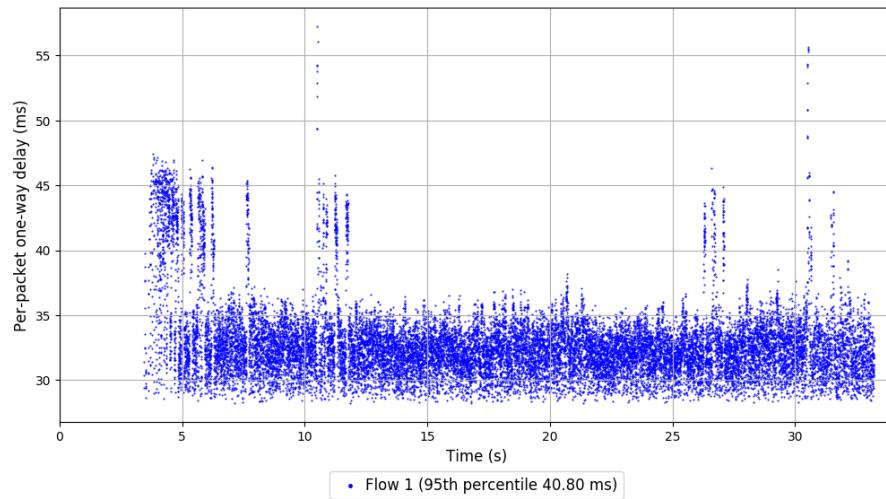
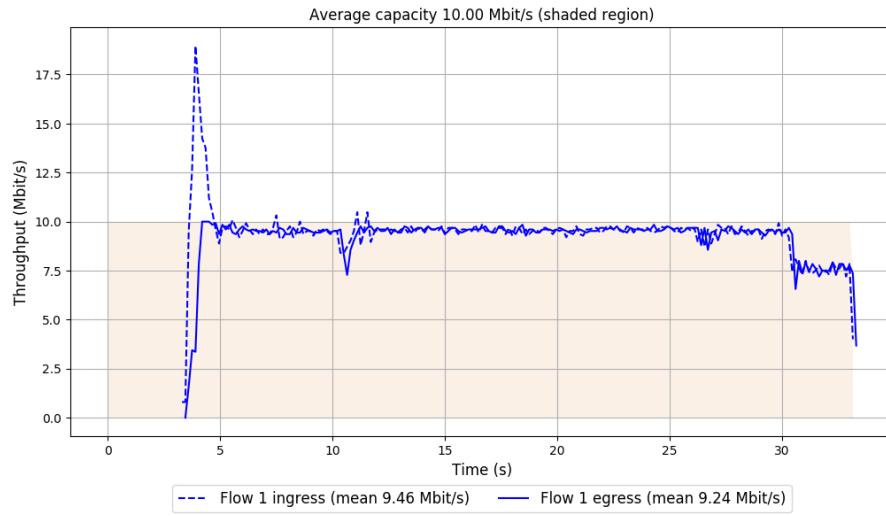
-- Flow 1:

Average throughput: 9.24 Mbit/s

95th percentile per-packet one-way delay: 40.800 ms

Loss rate: 2.42%

Run 7: Report of Indigo — Data Link



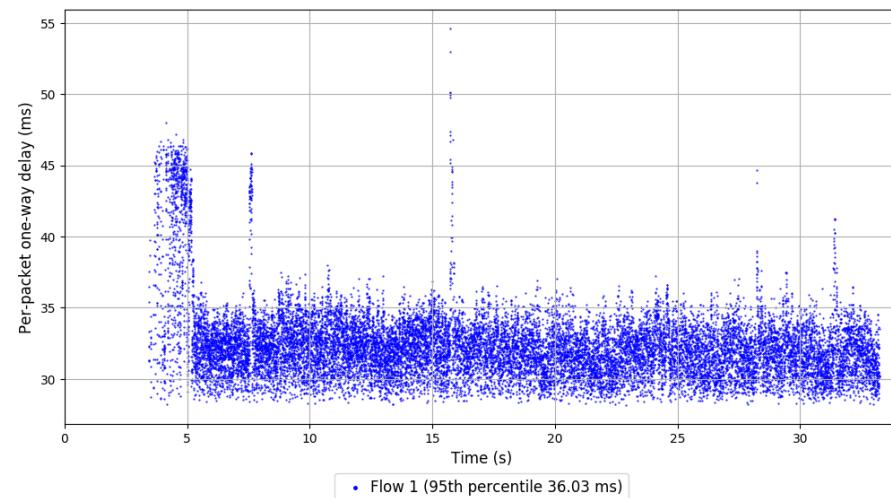
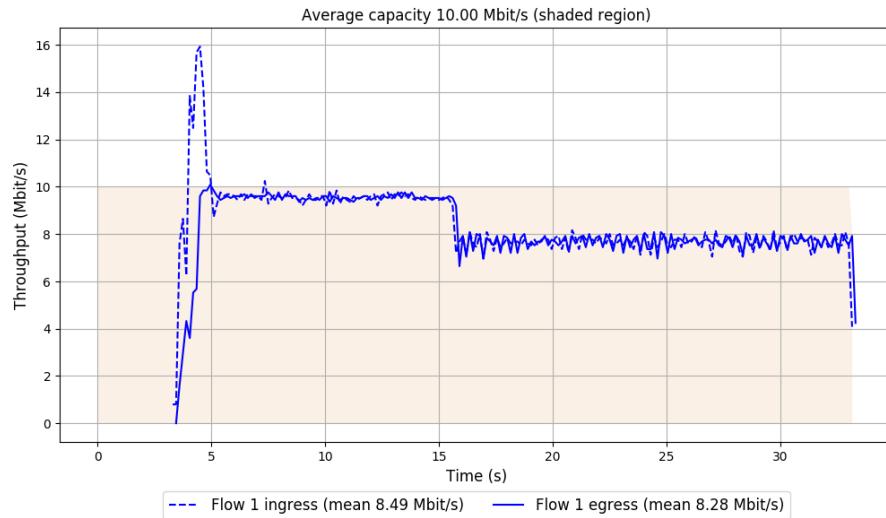
Run 8: Statistics of Indigo

Start at: 2019-10-27 07:17:28

End at: 2019-10-27 07:17:58

```
# Below is generated by plot.py at 2019-10-27 07:46:15
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 8.28 Mbit/s (82.8% utilization)
95th percentile per-packet one-way delay: 36.029 ms
Loss rate: 2.62%
-- Flow 1:
Average throughput: 8.28 Mbit/s
95th percentile per-packet one-way delay: 36.029 ms
Loss rate: 2.62%
```

Run 8: Report of Indigo — Data Link



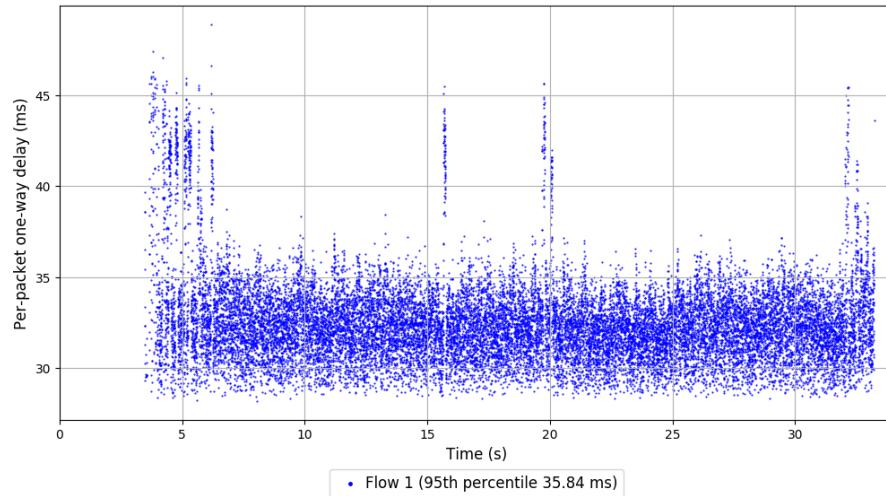
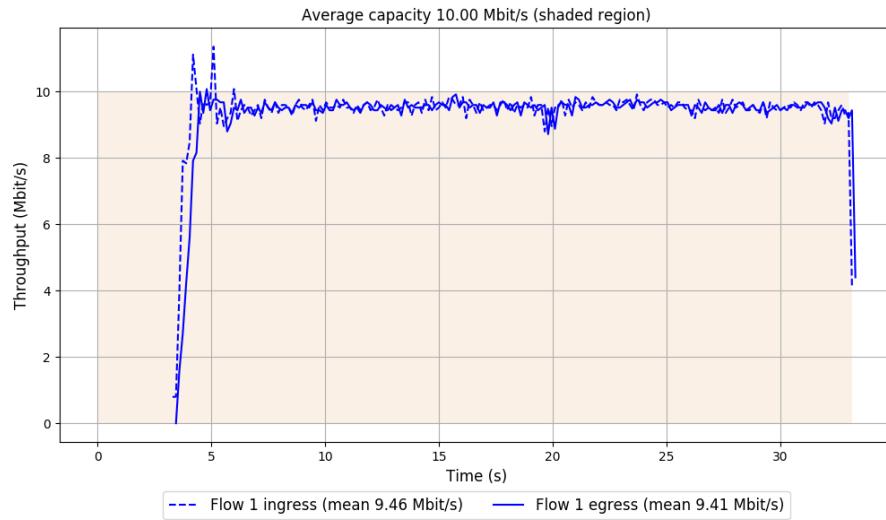
Run 9: Statistics of Indigo

Start at: 2019-10-27 07:23:14

End at: 2019-10-27 07:23:44

```
# Below is generated by plot.py at 2019-10-27 07:46:17
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 9.41 Mbit/s (94.1% utilization)
95th percentile per-packet one-way delay: 35.842 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 9.41 Mbit/s
95th percentile per-packet one-way delay: 35.842 ms
Loss rate: 0.60%
```

Run 9: Report of Indigo — Data Link

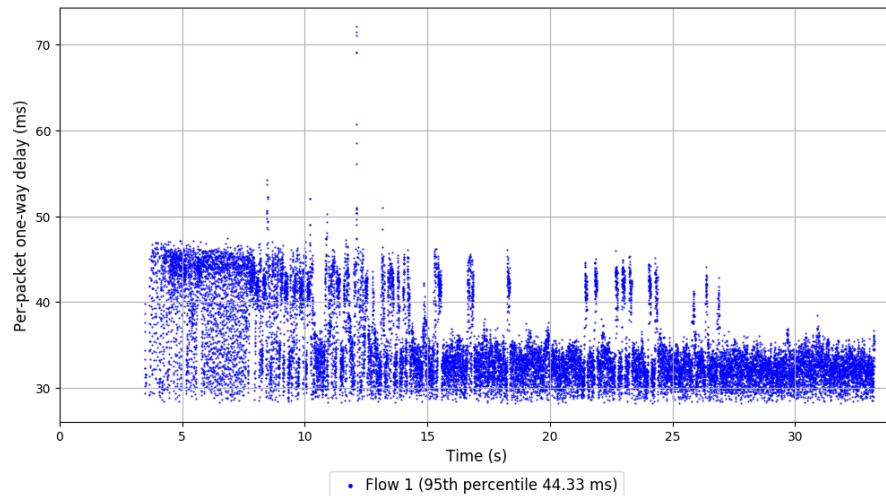
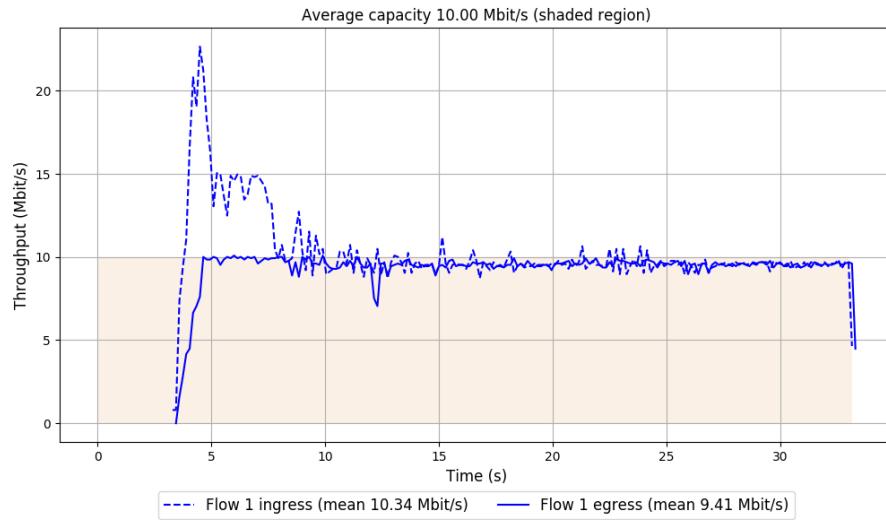


```
Run 10: Statistics of Indigo

Start at: 2019-10-27 07:28:59
End at: 2019-10-27 07:29:29

# Below is generated by plot.py at 2019-10-27 07:46:18
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 9.41 Mbit/s (94.1% utilization)
95th percentile per-packet one-way delay: 44.328 ms
Loss rate: 9.15%
-- Flow 1:
Average throughput: 9.41 Mbit/s
95th percentile per-packet one-way delay: 44.328 ms
Loss rate: 9.15%
```

Run 10: Report of Indigo — Data Link



Run 1: Statistics of Synthesized-BBR

Start at: 2019-10-27 06:36:00

End at: 2019-10-27 06:36:30

Below is generated by plot.py at 2019-10-27 07:46:23

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 8.12 Mbit/s (81.2% utilization)

95th percentile per-packet one-way delay: 43.826 ms

Loss rate: 1.09%

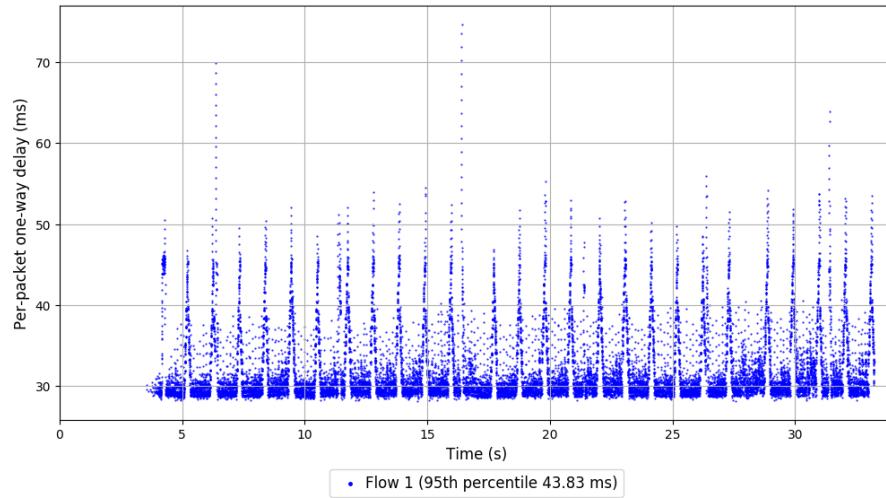
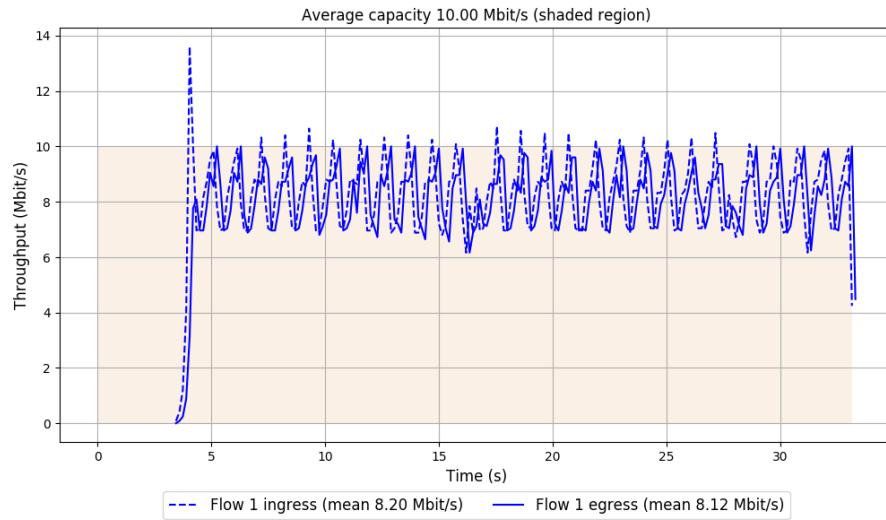
-- Flow 1:

Average throughput: 8.12 Mbit/s

95th percentile per-packet one-way delay: 43.826 ms

Loss rate: 1.09%

Run 1: Report of Synthesized-BBR — Data Link



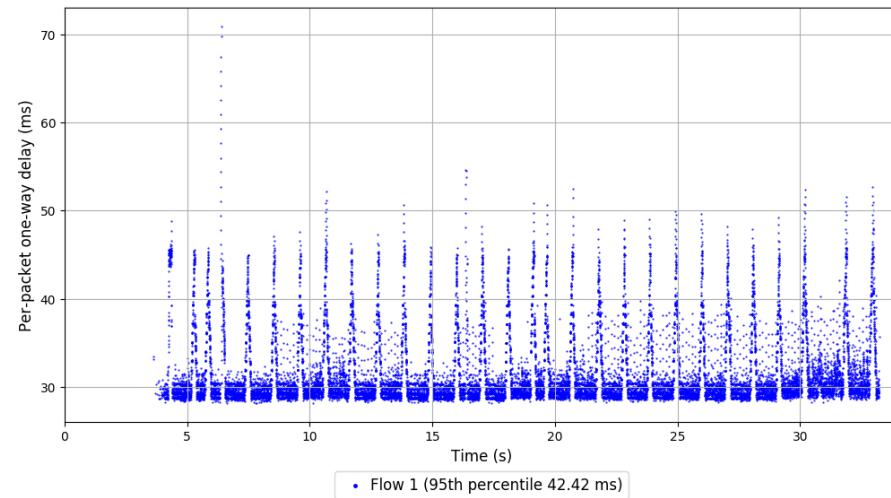
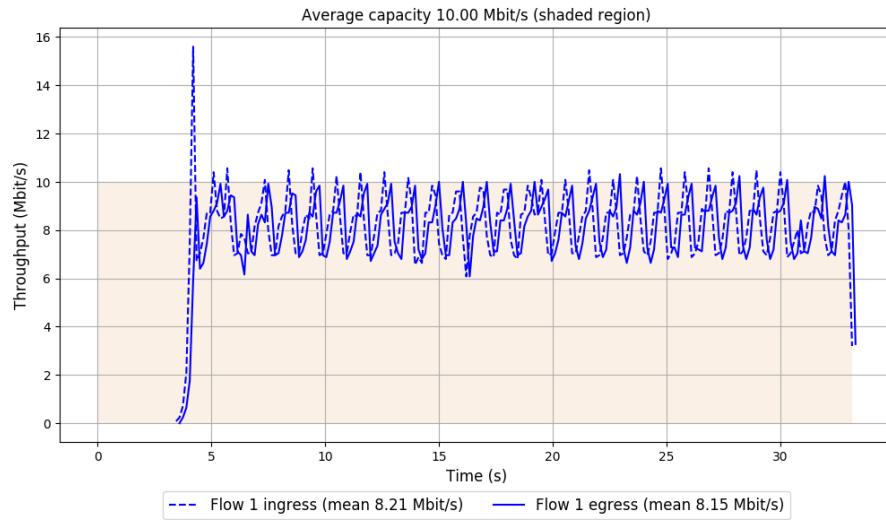
Run 2: Statistics of Synthesized-BBR

Start at: 2019-10-27 06:41:45

End at: 2019-10-27 06:42:15

```
# Below is generated by plot.py at 2019-10-27 07:46:23
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 8.15 Mbit/s (81.5% utilization)
95th percentile per-packet one-way delay: 42.423 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 8.15 Mbit/s
95th percentile per-packet one-way delay: 42.423 ms
Loss rate: 0.80%
```

Run 2: Report of Synthesized-BBR — Data Link



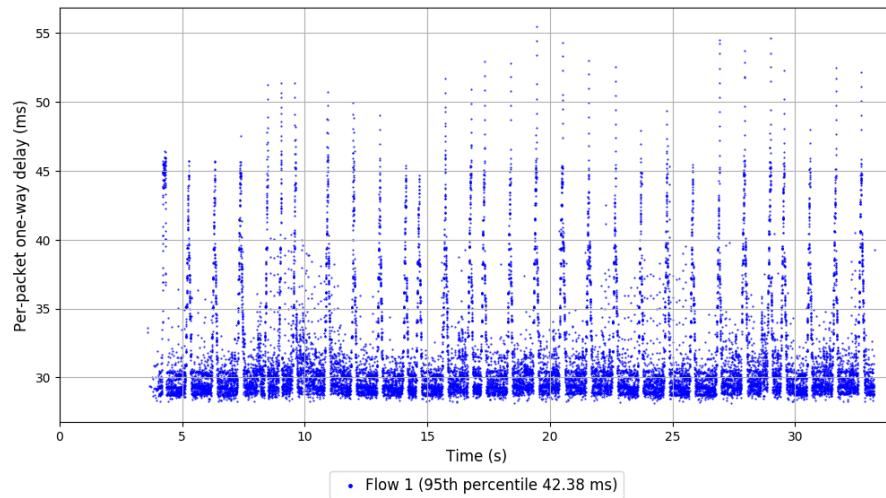
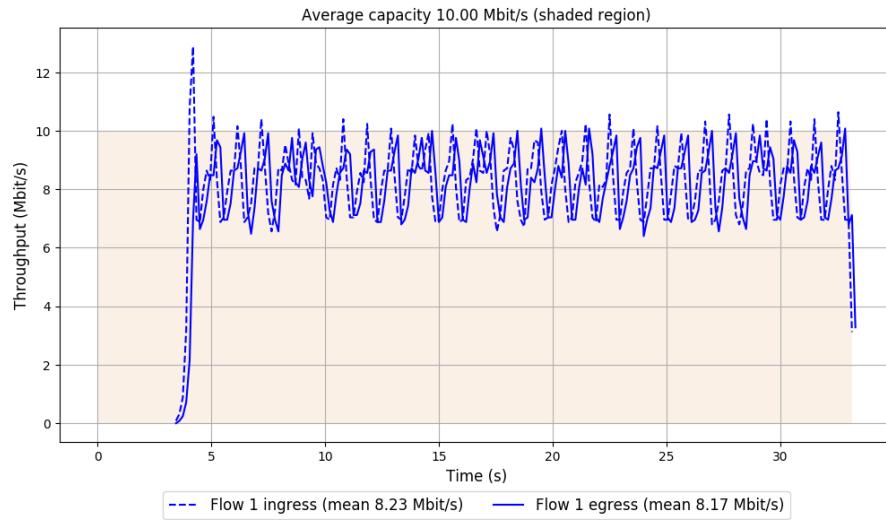
Run 3: Statistics of Synthesized-BBR

Start at: 2019-10-27 06:47:31

End at: 2019-10-27 06:48:01

```
# Below is generated by plot.py at 2019-10-27 07:46:25
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 8.17 Mbit/s (81.7% utilization)
95th percentile per-packet one-way delay: 42.383 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 8.17 Mbit/s
95th percentile per-packet one-way delay: 42.383 ms
Loss rate: 0.73%
```

Run 3: Report of Synthesized-BBR — Data Link



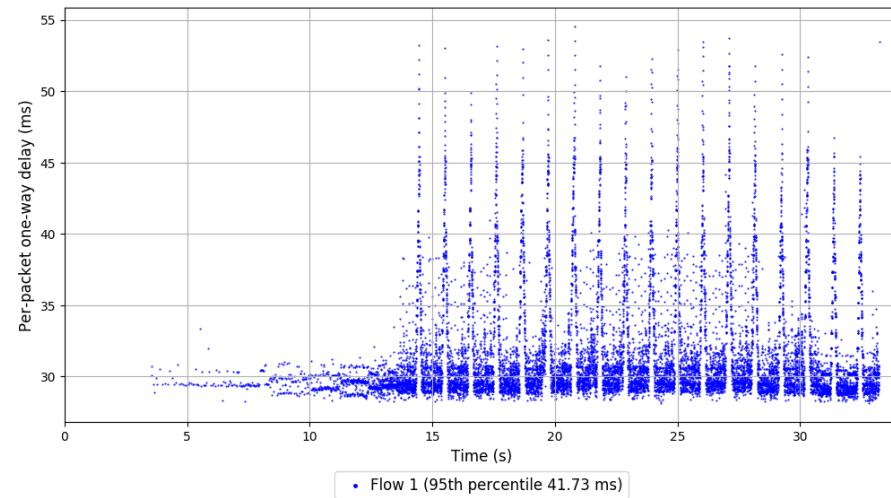
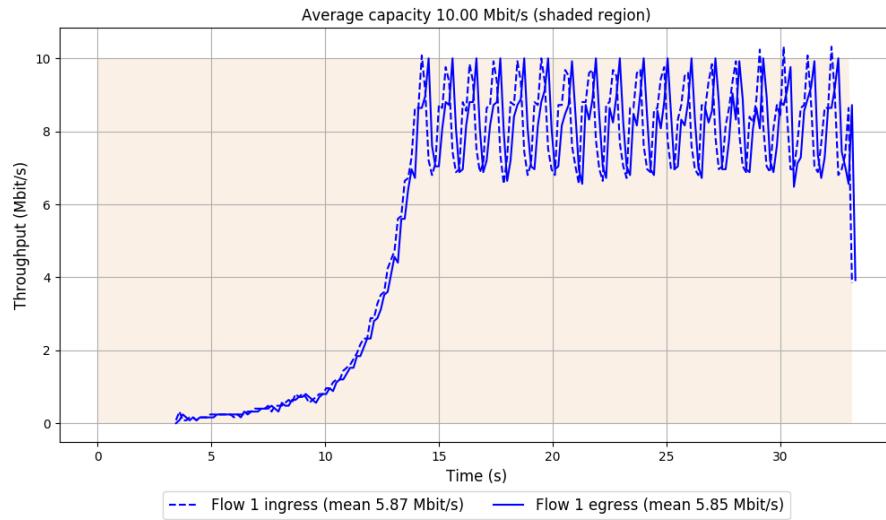
Run 4: Statistics of Synthesized-BBR

Start at: 2019-10-27 06:53:16

End at: 2019-10-27 06:53:46

```
# Below is generated by plot.py at 2019-10-27 07:46:25
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 5.85 Mbit/s (58.5% utilization)
95th percentile per-packet one-way delay: 41.730 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 5.85 Mbit/s
95th percentile per-packet one-way delay: 41.730 ms
Loss rate: 0.40%
```

Run 4: Report of Synthesized-BBR — Data Link



Run 5: Statistics of Synthesized-BBR

Start at: 2019-10-27 06:59:01

End at: 2019-10-27 06:59:31

Below is generated by plot.py at 2019-10-27 07:46:30

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 8.17 Mbit/s (81.7% utilization)

95th percentile per-packet one-way delay: 42.681 ms

Loss rate: 0.88%

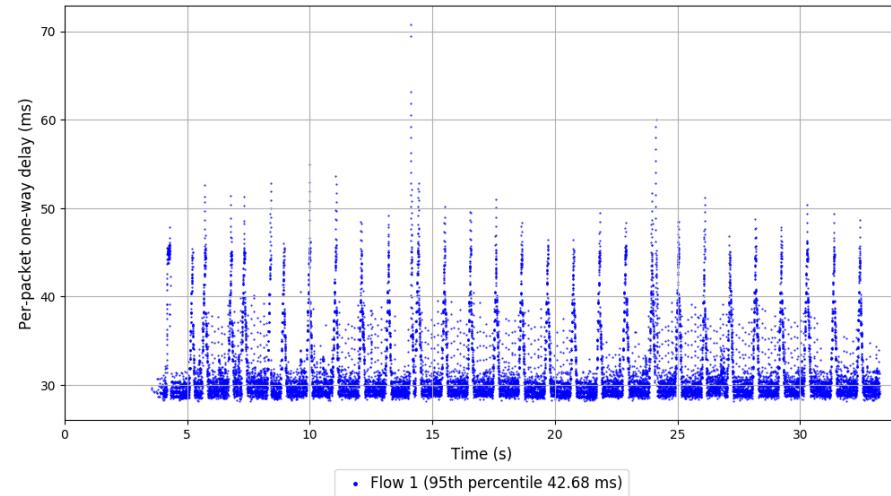
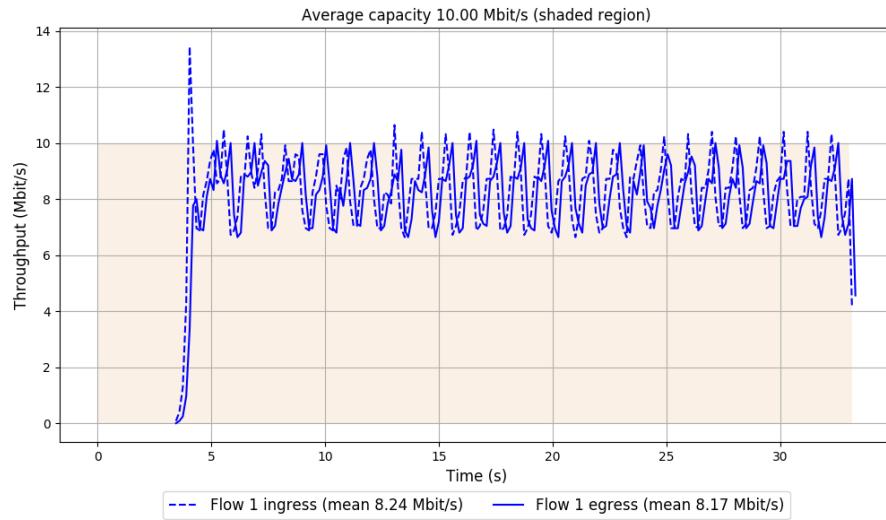
-- Flow 1:

Average throughput: 8.17 Mbit/s

95th percentile per-packet one-way delay: 42.681 ms

Loss rate: 0.88%

Run 5: Report of Synthesized-BBR — Data Link



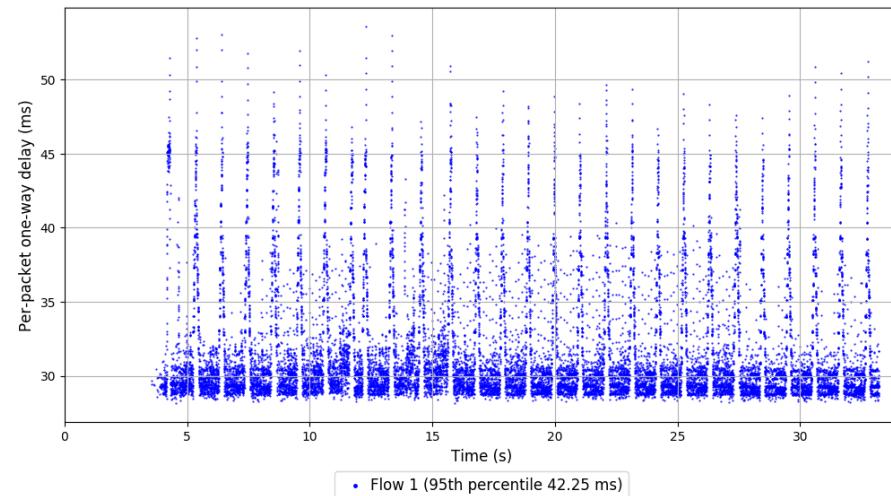
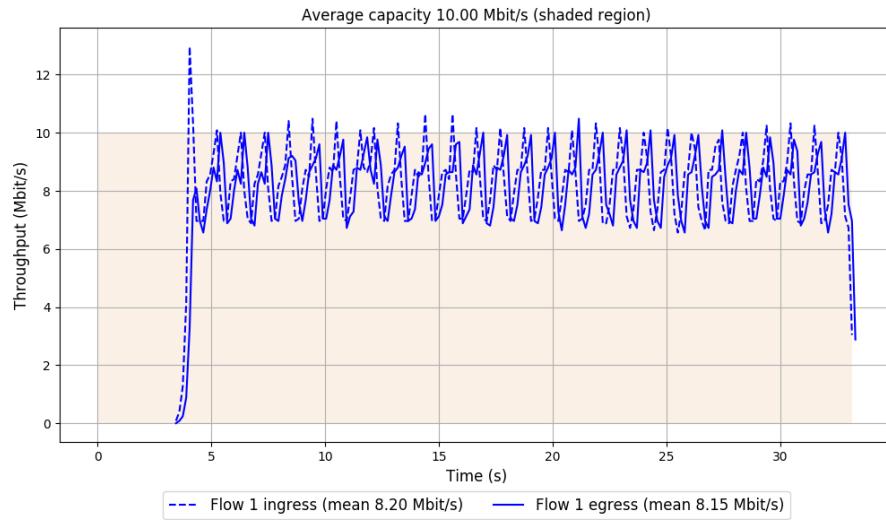
Run 6: Statistics of Synthesized-BBR

Start at: 2019-10-27 07:04:46

End at: 2019-10-27 07:05:16

```
# Below is generated by plot.py at 2019-10-27 07:46:30
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 8.15 Mbit/s (81.5% utilization)
95th percentile per-packet one-way delay: 42.250 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 8.15 Mbit/s
95th percentile per-packet one-way delay: 42.250 ms
Loss rate: 0.73%
```

Run 6: Report of Synthesized-BBR — Data Link



Run 7: Statistics of Synthesized-BBR

Start at: 2019-10-27 07:10:32

End at: 2019-10-27 07:11:02

Below is generated by plot.py at 2019-10-27 07:46:33

Datalink statistics

-- Total of 1 flow:

Average capacity: 10.00 Mbit/s

Average throughput: 6.51 Mbit/s (65.1% utilization)

95th percentile per-packet one-way delay: 42.031 ms

Loss rate: 0.41%

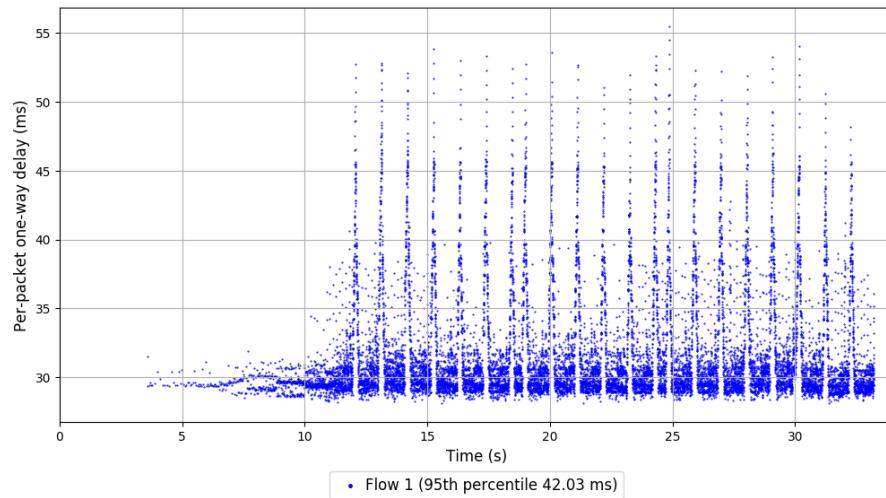
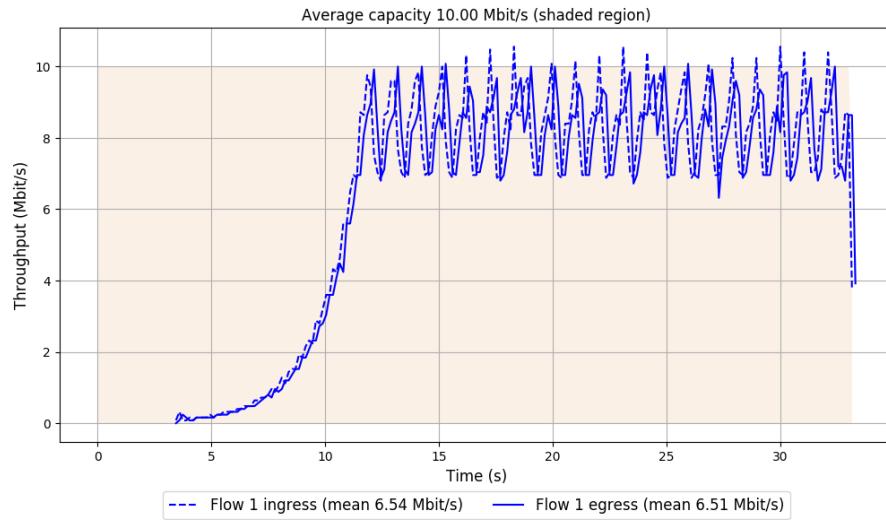
-- Flow 1:

Average throughput: 6.51 Mbit/s

95th percentile per-packet one-way delay: 42.031 ms

Loss rate: 0.41%

Run 7: Report of Synthesized-BBR — Data Link



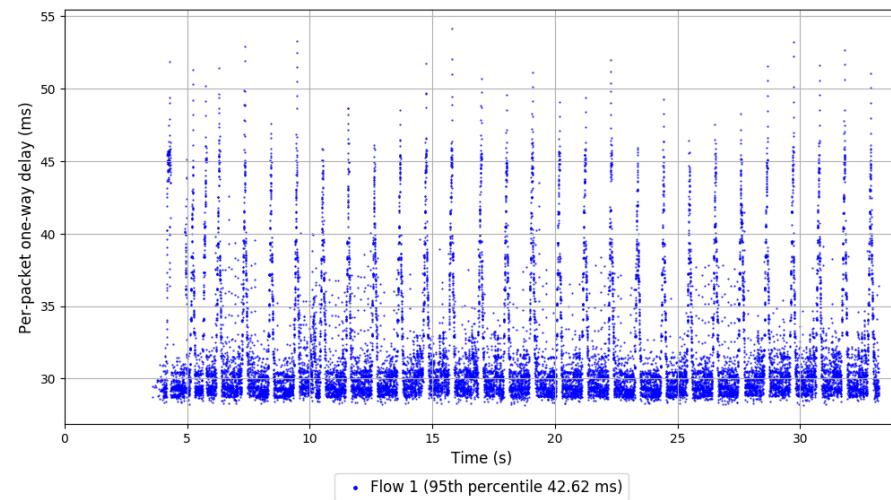
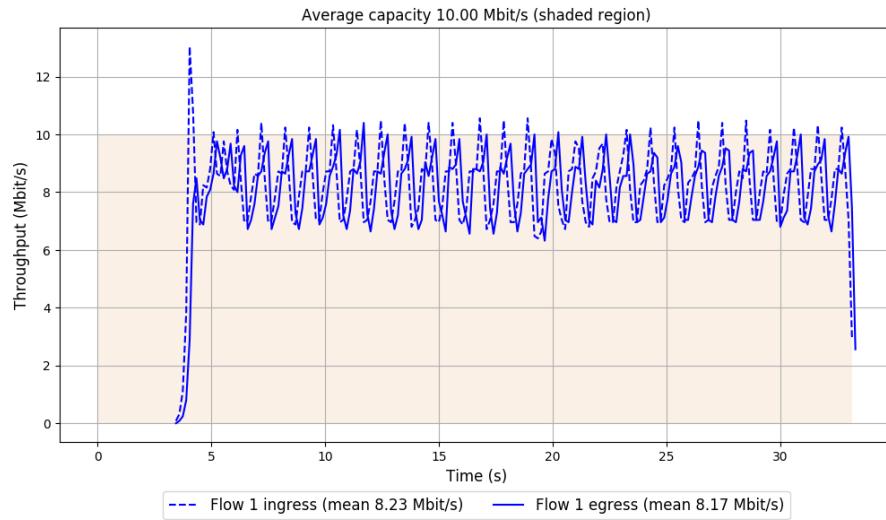
Run 8: Statistics of Synthesized-BBR

Start at: 2019-10-27 07:16:18

End at: 2019-10-27 07:16:48

```
# Below is generated by plot.py at 2019-10-27 07:46:34
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 8.17 Mbit/s (81.7% utilization)
95th percentile per-packet one-way delay: 42.618 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 8.17 Mbit/s
95th percentile per-packet one-way delay: 42.618 ms
Loss rate: 0.83%
```

Run 8: Report of Synthesized-BBR — Data Link



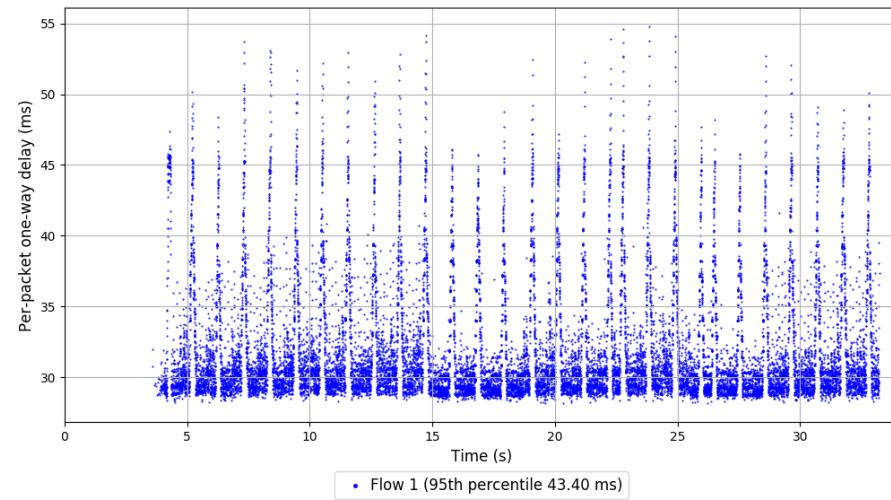
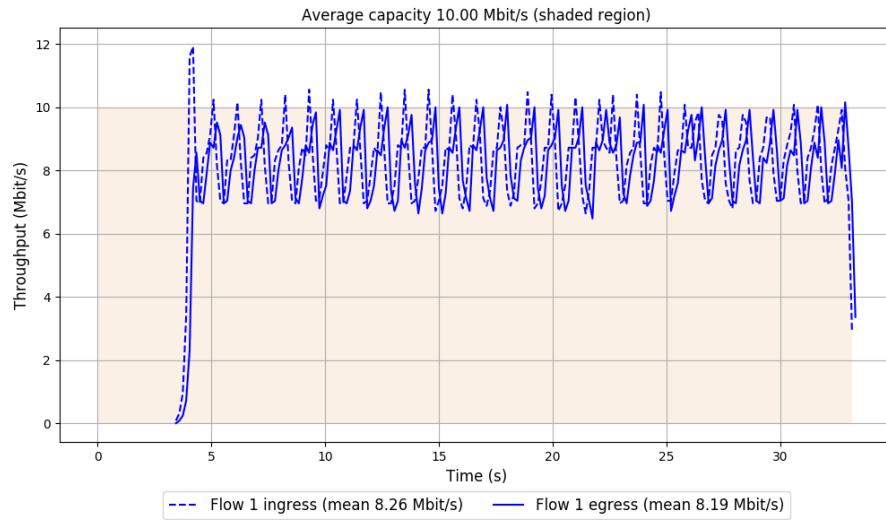
Run 9: Statistics of Synthesized-BBR

Start at: 2019-10-27 07:22:04

End at: 2019-10-27 07:22:34

```
# Below is generated by plot.py at 2019-10-27 07:46:35
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 8.19 Mbit/s (81.9% utilization)
95th percentile per-packet one-way delay: 43.402 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 8.19 Mbit/s
95th percentile per-packet one-way delay: 43.402 ms
Loss rate: 0.88%
```

Run 9: Report of Synthesized-BBR — Data Link



```
Run 10: Statistics of Synthesized-BBR

Start at: 2019-10-27 07:27:50
End at: 2019-10-27 07:28:20

# Below is generated by plot.py at 2019-10-27 07:46:36
# Datalink statistics
-- Total of 1 flow:
Average capacity: 10.00 Mbit/s
Average throughput: 8.24 Mbit/s (82.4% utilization)
95th percentile per-packet one-way delay: 43.602 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 8.24 Mbit/s
95th percentile per-packet one-way delay: 43.602 ms
Loss rate: 1.08%
```

Run 10: Report of Synthesized-BBR — Data Link

