Pantheon Report

Generated at 2018-05-26 14:15:16 (UTC).
Data path: GCE Tokyo Ethernet (remote) → GCE Sydney Ethernet (local).
Repeated the test of 16 congestion control schemes 10 times.
Each test lasted for 30 seconds running 1 flow.
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).
NTP offsets were measured against time.google.com and have been applied to correct the timestamps in logs.

Git summary:
branch: master @ 0088822873ea99180f63545a341ef069f40ef59
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/genericCC @ c7966e494a929986eaa5a9c169a7f381fe1b8be5
third_party/indigo @ 2601c92e4a9d58d38dc4dfb0ecbaf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce66b7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
third_party/pcc @ 1afc958fa0d66d18b623c091a55f6c872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f613e8acd08fab92c4eb24f974ab
third_party/proto-quic @ 77961f1a8273a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3dbb2
third_party/sprout @ c838669682f0c19f6baf92afc9a596a406d48c1f
third_party/verus @ 4d447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
test from GCE Tokyo to GCE Sydney, 10 runs of 30s each per scheme
(mean of all runs by scheme)

FILLP
PCC-Allegro
PCC-Vivace
QUIC Cubic
TCP Cubic
Sprout
PCC-Vivace
SCReAM
TCP Vegas
TCP BBR
Verus
PCC-Allegro
PCC-Expr
WebRTC media
TaoVA-100x
LEDBAT
<table>
<thead>
<tr>
<th>scheme</th>
<th># runs</th>
<th>mean avg tput (Mbit/s)</th>
<th>mean 95th-%ile delay (ms)</th>
<th>mean loss rate (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCP BBR</td>
<td>10</td>
<td>220.15</td>
<td>53.75</td>
<td>0.35</td>
</tr>
<tr>
<td>Copa</td>
<td>10</td>
<td>162.24</td>
<td>58.99</td>
<td>0.32</td>
</tr>
<tr>
<td>TCP Cubic</td>
<td>10</td>
<td>194.87</td>
<td>57.26</td>
<td>0.42</td>
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<tr>
<td>FillP</td>
<td>10</td>
<td>807.51</td>
<td>193.83</td>
<td>3.46</td>
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<tr>
<td>Indigo</td>
<td>10</td>
<td>226.87</td>
<td>50.39</td>
<td>0.34</td>
</tr>
<tr>
<td>LEDBAT</td>
<td>10</td>
<td>30.05</td>
<td>51.66</td>
<td>0.87</td>
</tr>
<tr>
<td>PCC-Allegro</td>
<td>10</td>
<td>525.92</td>
<td>153.86</td>
<td>1.21</td>
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<tr>
<td>PCC-Expr</td>
<td>10</td>
<td>251.68</td>
<td>124.70</td>
<td>2.04</td>
</tr>
<tr>
<td>QUIC Cubic</td>
<td>10</td>
<td>61.17</td>
<td>53.73</td>
<td>0.56</td>
</tr>
<tr>
<td>SCReAM</td>
<td>10</td>
<td>0.21</td>
<td>53.46</td>
<td>0.36</td>
</tr>
<tr>
<td>Sprout</td>
<td>10</td>
<td>6.41</td>
<td>52.45</td>
<td>0.43</td>
</tr>
<tr>
<td>TaoVA-100x</td>
<td>5</td>
<td>155.42</td>
<td>52.00</td>
<td>0.26</td>
</tr>
<tr>
<td>TCP Vegas</td>
<td>10</td>
<td>135.70</td>
<td>54.16</td>
<td>0.35</td>
</tr>
<tr>
<td>Verus</td>
<td>10</td>
<td>260.04</td>
<td>106.78</td>
<td>1.02</td>
</tr>
<tr>
<td>PCC-Vivace</td>
<td>10</td>
<td>390.80</td>
<td>64.25</td>
<td>0.47</td>
</tr>
<tr>
<td>WebRTC media</td>
<td>9</td>
<td>0.05</td>
<td>52.05</td>
<td>0.00</td>
</tr>
</tbody>
</table>
Run 1: Statistics of TCP BBR

Start at: 2018-05-26 09:14:58
End at: 2018-05-26 09:15:29
Local clock offset: -0.124 ms
Remote clock offset: 0.22 ms

# Below is generated by plot.py at 2018-05-26 12:46:27
# Datalink statistics
-- Total of 1 flow:
  Average throughput: 217.29 Mbit/s
  95th percentile per-packet one-way delay: 53.442 ms
  Loss rate: 0.35%
-- Flow 1:
  Average throughput: 217.29 Mbit/s
  95th percentile per-packet one-way delay: 53.442 ms
  Loss rate: 0.35%
Run 1: Report of TCP BBR — Data Link

![Graph showing throughput and packet delay over time for TCP BBR Run 1. The graph compares the ingress and egress data, showing variations in throughput and packet delay.]
Run 2: Statistics of TCP BBR

Start at: 2018-05-26 09:35:16
End at: 2018-05-26 09:35:46
Local clock offset: 0.396 ms
Remote clock offset: 0.135 ms

# Below is generated by plot.py at 2018-05-26 12:46:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 219.30 Mbit/s
95th percentile per-packet one-way delay: 54.502 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 219.30 Mbit/s
95th percentile per-packet one-way delay: 54.502 ms
Loss rate: 0.37%
Run 2: Report of TCP BBR — Data Link

![Throughput Graph](image)

- **Flow 1 ingress** (mean 219.32 Mbit/s)
- **Flow 1 egress** (mean 219.30 Mbit/s)

![Packet Delay Graph](image)

- **Flow 1** (95th percentile 54.50 ms)
Run 3: Statistics of TCP BBR

Start at: 2018-05-26 09:56:00
End at: 2018-05-26 09:56:30
Local clock offset: 0.145 ms
Remote clock offset: 0.175 ms

# Below is generated by plot.py at 2018-05-26 12:46:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 222.12 Mbit/s
95th percentile per-packet one-way delay: 54.305 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 222.12 Mbit/s
95th percentile per-packet one-way delay: 54.305 ms
Loss rate: 0.36%
Run 3: Report of TCP BBR — Data Link

![Graph 1: Throughput (Mbps)]

![Graph 2: Packet one-way delay (ms)]
Run 4: Statistics of TCP BBR

End at: 2018-05-26 10:16:52  
Local clock offset: 0.357 ms  
Remote clock offset: -0.148 ms

# Below is generated by plot.py at 2018-05-26 12:46:35  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 219.77 Mbit/s  
95th percentile per-packet one-way delay: 56.005 ms  
Loss rate: 0.34%  
-- Flow 1:  
Average throughput: 219.77 Mbit/s  
95th percentile per-packet one-way delay: 56.005 ms  
Loss rate: 0.34%
Run 4: Report of TCP BBR — Data Link

![Graph 1: Throughput (Mbps) vs Time (s)]

- Flow 1 ingress (mean 219.76 Mbit/s)
- Flow 1 egress (mean 219.77 Mbit/s)

![Graph 2: Round trip time (ms) vs Time (s)]

- Flow 1 (99th percentile 56.01 ms)
Run 5: Statistics of TCP BBR

Start at: 2018-05-26 10:37:07
End at: 2018-05-26 10:37:37
Local clock offset: 0.241 ms
Remote clock offset: -0.095 ms

# Below is generated by plot.py at 2018-05-26 12:46:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 219.86 Mbit/s
95th percentile per-packet one-way delay: 54.315 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 219.86 Mbit/s
95th percentile per-packet one-way delay: 54.315 ms
Loss rate: 0.22%
Run 5: Report of TCP BBR — Data Link
Run 6: Statistics of TCP BBR

Start at: 2018-05-26 10:57:21
End at: 2018-05-26 10:57:51
Local clock offset: -0.191 ms
Remote clock offset: -0.076 ms

# Below is generated by plot.py at 2018-05-26 12:46:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 219.71 Mbit/s
95th percentile per-packet one-way delay: 53.873 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 219.71 Mbit/s
95th percentile per-packet one-way delay: 53.873 ms
Loss rate: 0.34%
Run 6: Report of TCP BBR — Data Link

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**Throughput (Mbit/s)**

- **Flow 1 ingress (mean 219.69 Mbit/s)**
- **Flow 1 egress (mean 219.71 Mbit/s)**

**Delay (ms)**

- **Flow 1 (95th percentile 53.87 ms)**

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Run 7: Statistics of TCP BBR

Start at: 2018-05-26 11:17:54
End at: 2018-05-26 11:18:24
Local clock offset: 0.299 ms
Remote clock offset: 0.119 ms

# Below is generated by plot.py at 2018-05-26 12:46:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 223.65 Mbit/s
95th percentile per-packet one-way delay: 50.917 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 223.65 Mbit/s
95th percentile per-packet one-way delay: 50.917 ms
Loss rate: 0.37%
Run 7: Report of TCP BBR — Data Link

![Graph of Throughput (Mbps)](image)

![Graph of Packet one-way delay (ms)](image)
Run 8: Statistics of TCP BBR

Start at: 2018-05-26 11:38:14
End at: 2018-05-26 11:38:44
Local clock offset: -0.169 ms
Remote clock offset: 0.194 ms

# Below is generated by plot.py at 2018-05-26 12:46:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 217.72 Mbit/s
95th percentile per-packet one-way delay: 50.318 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 217.72 Mbit/s
95th percentile per-packet one-way delay: 50.318 ms
Loss rate: 0.38%
Run 8: Report of TCP BBR — Data Link
Run 9: Statistics of TCP BBR

End at: 2018-05-26 11:59:50
Local clock offset: 0.12 ms
Remote clock offset: 0.22 ms

# Below is generated by plot.py at 2018-05-26 12:49:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 219.21 Mbit/s
95th percentile per-packet one-way delay: 54.158 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 219.21 Mbit/s
95th percentile per-packet one-way delay: 54.158 ms
Loss rate: 0.36%
Run 9: Report of TCP BBR — Data Link

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**Throughput (Mb/s)**

- Flow 1 ingress (mean 219.20 Mb/s)
- Flow 1 egress (mean 219.21 Mb/s)

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**Per-packet one-way delay (ms)**

- Flow 1 (95th percentile 54.18 ms)
Run 10: Statistics of TCP BBR

End at: 2018-05-26 12:20:09
Local clock offset: -0.278 ms
Remote clock offset: 0.038 ms

# Below is generated by plot.py at 2018-05-26 12:50:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 222.86 Mbit/s
95th percentile per-packet one-way delay: 55.691 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 222.86 Mbit/s
95th percentile per-packet one-way delay: 55.691 ms
Loss rate: 0.37%
Run 10: Report of TCP BBR — Data Link
Run 1: Statistics of Copa

Start at: 2018-05-26 09:19:50
End at: 2018-05-26 09:20:20
Local clock offset: 0.3 ms
Remote clock offset: -0.15 ms

# Below is generated by plot.py at 2018-05-26 12:55:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 268.44 Mbit/s
95th percentile per-packet one-way delay: 59.759 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 268.44 Mbit/s
95th percentile per-packet one-way delay: 59.759 ms
Loss rate: 0.48%
Run 1: Report of Copa — Data Link
Run 2: Statistics of Copa

Start at: 2018-05-26 09:40:07
End at: 2018-05-26 09:40:37
Local clock offset: -0.144 ms
Remote clock offset: -0.382 ms

# Below is generated by plot.py at 2018-05-26 12:55:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 239.69 Mbit/s
95th percentile per-packet one-way delay: 59.846 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 239.69 Mbit/s
95th percentile per-packet one-way delay: 59.846 ms
Loss rate: 0.17%
Run 2: Report of Copa — Data Link

![Graph 1: Throughput (Mbps)](image1)

- Flow 1 ingress (mean 239.30 Mbit/s)
- Flow 1 egress (mean 239.69 Mbit/s)

![Graph 2: Packet Loss (MS)](image2)

- Flow 1 (95th percentile 59.85 ms)
Run 3: Statistics of Copa

Start at: 2018-05-26 10:00:50
End at: 2018-05-26 10:01:20
Local clock offset: -0.117 ms
Remote clock offset: -0.158 ms

# Below is generated by plot.py at 2018-05-26 12:55:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.74 Mbit/s
95th percentile per-packet one-way delay: 53.632 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 48.74 Mbit/s
95th percentile per-packet one-way delay: 53.632 ms
Loss rate: 0.52%
Run 3: Report of Copa — Data Link

![Graph of throughput and delay over time](image)
Run 4: Statistics of Copa

End at: 2018-05-26 10:21:44
Local clock offset: 0.014 ms
Remote clock offset: -0.052 ms

# Below is generated by plot.py at 2018-05-26 12:55:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 260.08 Mbit/s
95th percentile per-packet one-way delay: 57.631 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 260.08 Mbit/s
95th percentile per-packet one-way delay: 57.631 ms
Loss rate: 0.30%
Run 4: Report of Copa — Data Link
Run 5: Statistics of Copa

Start at: 2018-05-26 10:41:56
End at: 2018-05-26 10:42:26
Local clock offset: -0.104 ms
Remote clock offset: -0.207 ms

# Below is generated by plot.py at 2018-05-26 12:55:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.86 Mbit/s
95th percentile per-packet one-way delay: 53.836 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 45.86 Mbit/s
95th percentile per-packet one-way delay: 53.836 ms
Loss rate: 0.36%
Run 5: Report of Copa — Data Link

[Graph showing network performance metrics over time]

[Graph showing packet delay distribution over time]

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Run 6: Statistics of Copa

Start at: 2018-05-26 11:02:13
End at: 2018-05-26 11:02:43
Local clock offset: -0.143 ms
Remote clock offset: 0.073 ms

# Below is generated by plot.py at 2018-05-26 12:55:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 110.39 Mbit/s
95th percentile per-packet one-way delay: 53.458 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 110.39 Mbit/s
95th percentile per-packet one-way delay: 53.458 ms
Loss rate: 0.14%
Run 6: Report of Copa — Data Link

![Graph showing throughput and packet delay over time for Flow 1 ingress and egress. The graphs display fluctuations in throughput and packet delay throughout the 30-second interval.]
Run 7: Statistics of Copa

End at: 2018-05-26 11:23:16
Local clock offset: ~0.078 ms
Remote clock offset: 0.084 ms

# Below is generated by plot.py at 2018-05-26 12:55:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.19 Mbit/s
95th percentile per-packet one-way delay: 53.559 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 56.19 Mbit/s
95th percentile per-packet one-way delay: 53.559 ms
Loss rate: 0.35%
Run 7: Report of Copa — Data Link
Run 8: Statistics of Copa

Start at: 2018-05-26 11:43:06
End at: 2018-05-26 11:43:36
Local clock offset: 0.365 ms
Remote clock offset: -0.073 ms

# Below is generated by plot.py at 2018-05-26 12:57:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 274.17 Mbit/s
95th percentile per-packet one-way delay: 71.029 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 274.17 Mbit/s
95th percentile per-packet one-way delay: 71.029 ms
Loss rate: 0.32%
Run 9: Statistics of Copa

End at: 2018-05-26 12:04:43
Local clock offset: 0.086 ms
Remote clock offset: 0.134 ms

# Below is generated by plot.py at 2018-05-26 12:57:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 176.85 Mbit/s
95th percentile per-packet one-way delay: 73.398 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 176.85 Mbit/s
95th percentile per-packet one-way delay: 73.398 ms
Loss rate: 0.55%
Run 9: Report of Copa — Data Link

![Graph](image1.png)

![Graph](image2.png)
Run 10: Statistics of Copa

Start at: 2018-05-26 12:24:30
End at: 2018-05-26 12:25:00
Local clock offset: 0.012 ms
Remote clock offset: 0.049 ms

# Below is generated by plot.py at 2018-05-26 12:57:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 142.04 Mbit/s
95th percentile per-packet one-way delay: 53.784 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 142.04 Mbit/s
95th percentile per-packet one-way delay: 53.784 ms
Loss rate: 0.05%
Run 10: Report of Copa — Data Link

![Graph 1: Throughput (Mbps)](image1)
- Flow 1 ingress (mean 141.61 Mbps)
- Flow 1 egress (mean 142.04 Mbps)

![Graph 2: Per-packet end-to-end delay (ms)](image2)
- Flow 1 (95th percentile 53.78 ms)
Run 1: Statistics of TCP Cubic

Start at: 2018-05-26 09:11:04
End at: 2018-05-26 09:11:34
Local clock offset: 0.078 ms
Remote clock offset: 0.081 ms

# Below is generated by plot.py at 2018-05-26 12:57:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 171.04 Mbit/s
95th percentile per-packet one-way delay: 52.268 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 171.04 Mbit/s
95th percentile per-packet one-way delay: 52.268 ms
Loss rate: 0.43%
Run 1: Report of TCP Cubic — Data Link

![Graph: Throughput vs Time](image1)

- **Flow 1 ingress (mean 171.19 Mbit/s)**
- **Flow 1 egress (mean 171.04 Mbit/s)**

![Graph: Packet one-way delay vs Time](image2)

- **Flow 1 (95th percentile 52.27 ms)**
Run 2: Statistics of TCP Cubic

Start at: 2018-05-26 09:31:23
End at: 2018-05-26 09:31:53
Local clock offset: 0.228 ms
Remote clock offset: 0.202 ms

# Below is generated by plot.py at 2018-05-26 12:57:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 230.22 Mbit/s
95th percentile per-packet one-way delay: 57.165 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 230.22 Mbit/s
95th percentile per-packet one-way delay: 57.165 ms
Loss rate: 0.35%
Run 2: Report of TCP Cubic — Data Link
Run 3: Statistics of TCP Cubic

Start at: 2018-05-26 09:52:07
End at: 2018-05-26 09:52:37
Local clock offset: 0.11 ms
Remote clock offset: -0.192 ms

# Below is generated by plot.py at 2018-05-26 12:57:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 168.22 Mbit/s
95th percentile per-packet one-way delay: 56.819 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 168.22 Mbit/s
95th percentile per-packet one-way delay: 56.819 ms
Loss rate: 0.50%
Run 3: Report of TCP Cubic — Data Link

![Throughput (kbps) over Time (s) graph]

- Flow 1 ingress (mean 168.46 Mbit/s)
- Flow 1 egress (mean 168.22 Mbit/s)

![Per-packet queuing delay (ms) over Time (s) graph]

- Flow 1 (95th percentile 56.82 ms)
Run 4: Statistics of TCP Cubic

Start at: 2018-05-26 10:12:25
End at: 2018-05-26 10:12:55
Local clock offset: 0.24 ms
Remote clock offset: -0.39 ms

# Below is generated by plot.py at 2018-05-26 12:58:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 225.22 Mbit/s
95th percentile per-packet one-way delay: 58.210 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 225.22 Mbit/s
95th percentile per-packet one-way delay: 58.210 ms
Loss rate: 0.35%
Run 4: Report of TCP Cubic — Data Link

![Throughput Graph](image1)

![Packet Delay Graph](image2)
Run 5: Statistics of TCP Cubic

Start at: 2018-05-26 10:33:12
End at: 2018-05-26 10:33:42
Local clock offset: 0.439 ms
Remote clock offset: 0.043 ms

# Below is generated by plot.py at 2018-05-26 12:58:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 224.29 Mbit/s
95th percentile per-packet one-way delay: 58.021 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 224.29 Mbit/s
95th percentile per-packet one-way delay: 58.021 ms
Loss rate: 0.36%
Run 5: Report of TCP Cubic — Data Link
Run 6: Statistics of TCP Cubic

End at: 2018-05-26 10:53:58
Local clock offset: 0.071 ms
Remote clock offset: 0.021 ms

# Below is generated by plot.py at 2018-05-26 12:58:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 155.17 Mbit/s
95th percentile per-packet one-way delay: 57.246 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 155.17 Mbit/s
95th percentile per-packet one-way delay: 57.246 ms
Loss rate: 0.54%
Run 6: Report of TCP Cubic — Data Link
Run 7: Statistics of TCP Cubic

Start at: 2018-05-26 11:14:02
End at: 2018-05-26 11:14:32
Local clock offset: 0.237 ms
Remote clock offset: 0.136 ms

# Below is generated by plot.py at 2018-05-26 12:58:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 146.96 Mbit/s
95th percentile per-packet one-way delay: 56.997 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 146.96 Mbit/s
95th percentile per-packet one-way delay: 56.997 ms
Loss rate: 0.56%
Run 7: Report of TCP Cubic — Data Link

![Graph of Throughput vs Time](image1)

- **Flow 1 ingress (mean 147.54 Mbit/s)**
- **Flow 1 egress (mean 146.96 Mbit/s)**

![Graph of Per-packet one-way delay vs Time](image2)

- **Flow 1 (95th percentile 57.00 ms)**
Run 8: Statistics of TCP Cubic

Start at: 2018-05-26 11:34:19
End at: 2018-05-26 11:34:49
Local clock offset: 0.042 ms
Remote clock offset: 0.321 ms

# Below is generated by plot.py at 2018-05-26 12:59:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 228.20 Mbit/s
95th percentile per-packet one-way delay: 60.126 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 228.20 Mbit/s
95th percentile per-packet one-way delay: 60.126 ms
Loss rate: 0.36%
Run 8: Report of TCP Cubic — Data Link

[Graph showing throughput and packet one-way delay over time]

- Flow 1 ingress (mean 228.24 Mbit/s)
- Flow 1 egress (mean 228.20 Mbit/s)

[Graph showing packet one-way delay in milliseconds over time]

- Flow 1 (95th percentile 60.13 ms)
Run 9: Statistics of TCP Cubic

Local clock offset: -0.099 ms
Remote clock offset: 0.151 ms

# Below is generated by plot.py at 2018-05-26 12:59:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 222.32 Mbit/s
95th percentile per-packet one-way delay: 58.539 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 222.32 Mbit/s
95th percentile per-packet one-way delay: 58.539 ms
Loss rate: 0.36%
Run 9: Report of TCP Cubic — Data Link
Run 10: Statistics of TCP Cubic

End at: 2018-05-26 12:16:17
Local clock offset: 0.134 ms
Remote clock offset: 0.175 ms

# Below is generated by plot.py at 2018-05-26 12:59:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 177.06 Mbit/s
95th percentile per-packet one-way delay: 57.236 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 177.06 Mbit/s
95th percentile per-packet one-way delay: 57.236 ms
Loss rate: 0.39%
Run 1: Statistics of FillP

Start at: 2018-05-26 09:21:19
End at: 2018-05-26 09:21:49
Local clock offset: 0.165 ms
Remote clock offset: 0.154 ms

# Below is generated by plot.py at 2018-05-26 13:15:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 799.07 Mbit/s
95th percentile per-packet one-way delay: 209.733 ms
Loss rate: 3.10%
-- Flow 1:
Average throughput: 799.07 Mbit/s
95th percentile per-packet one-way delay: 209.733 ms
Loss rate: 3.10%
Run 1: Report of FillP — Data Link

![Graph 1: Throughput vs Time](image1)

![Graph 2: Per-packet end-to-end delay vs Time](image2)
Run 2: Statistics of FillP

Start at: 2018-05-26 09:41:33
End at: 2018-05-26 09:42:03
Local clock offset: 0.062 ms
Remote clock offset: 0.07 ms

# Below is generated by plot.py at 2018-05-26 13:16:08
# Datalink statistics
-- Total of 1 flow:
  Average throughput: 827.28 Mbit/s
  95th percentile per-packet one-way delay: 157.305 ms
  Loss rate: 3.02%
-- Flow 1:
  Average throughput: 827.28 Mbit/s
  95th percentile per-packet one-way delay: 157.305 ms
  Loss rate: 3.02%
Run 2: Report of FillP — Data Link
Run 3: Statistics of FillP

Start at: 2018-05-26 10:02:00
End at: 2018-05-26 10:02:30
Local clock offset: 0.059 ms
Remote clock offset: 0.166 ms

# Below is generated by plot.py at 2018-05-26 13:16:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 812.94 Mbit/s
95th percentile per-packet one-way delay: 171.309 ms
Loss rate: 3.12%
-- Flow 1:
Average throughput: 812.94 Mbit/s
95th percentile per-packet one-way delay: 171.309 ms
Loss rate: 3.12%
Run 3: Report of FillP — Data Link
Run 4: Statistics of FillP

End at: 2018-05-26 10:23:12
Local clock offset: -0.044 ms
Remote clock offset: 0.214 ms

# Below is generated by plot.py at 2018-05-26 13:16:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 803.97 Mbit/s
95th percentile per-packet one-way delay: 228.013 ms
Loss rate: 2.61%
-- Flow 1:
Average throughput: 803.97 Mbit/s
95th percentile per-packet one-way delay: 228.013 ms
Loss rate: 2.61%
Run 4: Report of FillP — Data Link

![Graph 1](Throughput (Mbps) vs Time (s))

- Flow 1 ingress (mean 822.52 Mbps)
- Flow 1 egress (mean 803.97 Mbps)

![Graph 2](Per packet one-way delay (ms) vs Time (s))

- Flow 1 (95th percentile 228.01 ms)
Run 5: Statistics of FillP

Start at: 2018-05-26 10:43:06
End at: 2018-05-26 10:43:36
Local clock offset: 0.045 ms
Remote clock offset: 0.048 ms

# Below is generated by plot.py at 2018-05-26 13:16:43
# Datalink statistics
-- Total of 1 flow:
  Average throughput: 822.18 Mbit/s
  95th percentile per-packet one-way delay: 220.448 ms
  Loss rate: 3.19%
-- Flow 1:
  Average throughput: 822.18 Mbit/s
  95th percentile per-packet one-way delay: 220.448 ms
  Loss rate: 3.19%
Run 5: Report of FillP — Data Link

![Graph 1: Throughput vs Time](image)

- Flow 1 ingress (mean 846.29 Mbits)  
- Flow 1 egress (mean 822.18 Mbits)

![Graph 2: Per-packet one-way delay vs Time](image)

- Flow 1 (95th percentile 220.45 ms)
Run 6: Statistics of FillP

Start at: 2018-05-26 11:03:27
End at: 2018-05-26 11:03:57
Local clock offset: 0.105 ms
Remote clock offset: 0.183 ms

# Below is generated by plot.py at 2018-05-26 13:17:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 799.48 Mbit/s
95th percentile per-packet one-way delay: 134.991 ms
Loss rate: 4.85%
-- Flow 1:
Average throughput: 799.48 Mbit/s
95th percentile per-packet one-way delay: 134.991 ms
Loss rate: 4.85%
Run 6: Report of FillP — Data Link

![Graph 1: Throughput (Mbps)]

- **Flow 1 ingress**: Mean 837.23 Mbps
- **Flow 1 egress**: Mean 799.48 Mbps

![Graph 2: Per packet one-way delay (ms)]

- **Flow 1**: 95th percentile 134.99 ms
Run 7: Statistics of FillP

End at: 2018-05-26 11:24:26
Local clock offset: -0.085 ms
Remote clock offset: 0.009 ms

# Below is generated by plot.py at 2018-05-26 13:17:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 785.34 Mbit/s
95th percentile per-packet one-way delay: 177.525 ms
Loss rate: 4.62%
-- Flow 1:
Average throughput: 785.34 Mbit/s
95th percentile per-packet one-way delay: 177.525 ms
Loss rate: 4.62%
Run 7: Report of FillP — Data Link

---

![Graph 1: Throughput vs Time](image1)

**Graph 1:** Throughput (Mbps) vs Time (s)

- **Flow 1 Ingress (mean 820.44 Mbps)**
- **Flow 1 Egress (mean 785.34 Mbps)**

---

![Graph 2: Packet delay vs Time](image2)

**Graph 2:** Packet delay (ms) vs Time (s)

- **Flow 1 (95th percentile 177.53 ms)**
Run 8: Statistics of FillP

Start at: 2018-05-26 11:44:36
End at: 2018-05-26 11:45:06
Local clock offset: 0.05 ms
Remote clock offset: -0.097 ms

# Below is generated by plot.py at 2018-05-26 13:18:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 843.39 Mbit/s
95th percentile per-packet one-way delay: 203.693 ms
Loss rate: 3.11%
-- Flow 1:
Average throughput: 843.39 Mbit/s
95th percentile per-packet one-way delay: 203.693 ms
Loss rate: 3.11%
Run 8: Report of FillP — Data Link
Run 9: Statistics of FillP

Start at: 2018-05-26 12:05:33
End at: 2018-05-26 12:06:03
Local clock offset: -0.062 ms
Remote clock offset: 0.164 ms

# Below is generated by plot.py at 2018-05-26 13:33:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 753.68 Mbit/s
95th percentile per-packet one-way delay: 209.973 ms
Loss rate: 4.12%
-- Flow 1:
Average throughput: 753.68 Mbit/s
95th percentile per-packet one-way delay: 209.973 ms
Loss rate: 4.12%
Run 9: Report of FillP — Data Link
Run 10: Statistics of F1LP

End at: 2018-05-26 12:26:18
Local clock offset: 0.127 ms
Remote clock offset: 0.47 ms

# Below is generated by plot.py at 2018-05-26 13:34:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 827.77 Mbit/s
95th percentile per-packet one-way delay: 225.319 ms
Loss rate: 2.87%
-- Flow 1:
Average throughput: 827.77 Mbit/s
95th percentile per-packet one-way delay: 225.319 ms
Loss rate: 2.87%
Run 10: Report of FillP — Data Link

![Graph 1: Throughput vs Time (Mbps)]

Flow 1 ingress (mean 849.20 Mbps)  Flow 1 egress (mean 827.77 Mbps)

![Graph 2: Per-packet one-way delay (ms)]

Flow 1 (95th percentile 225.32 ms)
Run 1: Statistics of Indigo

Start at: 2018-05-26 09:09:45
End at: 2018-05-26 09:10:15
Local clock offset: -0.026 ms
Remote clock offset: 0.121 ms

# Below is generated by plot.py at 2018-05-26 13:34:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 225.98 Mbit/s
95th percentile per-packet one-way delay: 50.343 ms
Loss rate: 0.29%

-- Flow 1:
Average throughput: 225.98 Mbit/s
95th percentile per-packet one-way delay: 50.343 ms
Loss rate: 0.29%
Run 1: Report of Indigo — Data Link

![Graph 1: Throughput vs Time](image)

- Flow 1 ingress (mean 225.82 Mbit/s)
- Flow 1 egress (mean 225.98 Mbit/s)

![Graph 2: Per-packet delay vs Time](image)

- Flow 1 (95th percentile 50.34 ms)
Run 2: Statistics of Indigo

Start at: 2018-05-26 09:30:03
End at: 2018-05-26 09:30:33
Local clock offset: 0.055 ms
Remote clock offset: 0.261 ms

# Below is generated by plot.py at 2018-05-26 13:34:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 220.46 Mbit/s
95th percentile per-packet one-way delay: 50.206 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 220.46 Mbit/s
95th percentile per-packet one-way delay: 50.206 ms
Loss rate: 0.34%
Run 2: Report of Indigo — Data Link

![Graph 1: Throughput vs. Time]

Throughput (Mbit/s)

Time (s)

Flow 1 ingress (mean 220.43 Mbit/s)  Flow 1 egress (mean 220.46 Mbit/s)

![Graph 2: Packet Drop Delay vs. Time]

Per packet one-way delay (ms)

Time (s)

Flow 1 (95th percentile 50.21 ms)
Run 3: Statistics of Indigo

Start at: 2018-05-26 09:50:47
End at: 2018-05-26 09:51:17
Local clock offset: -0.057 ms
Remote clock offset: 0.007 ms

# Below is generated by plot.py at 2018-05-26 13:34:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 225.90 Mbit/s
95th percentile per-packet one-way delay: 49.972 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 225.90 Mbit/s
95th percentile per-packet one-way delay: 49.972 ms
Loss rate: 0.34%
Run 3: Report of Indigo — Data Link

![Graph of Throughput](image1)

- **Flow 1 ingress (mean 225.87 Mbit/s)**
- **Flow 1 egress (mean 225.90 Mbit/s)**

![Graph of Per-packet one-way delay](image2)

- **Flow 1 (95th percentile 49.97 ms)**
Run 4: Statistics of Indigo

Start at: 2018-05-26 10:11:05
End at: 2018-05-26 10:11:35
Local clock offset: 0.516 ms
Remote clock offset: -0.118 ms

# Below is generated by plot.py at 2018-05-26 13:34:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 235.88 Mbit/s
95th percentile per-packet one-way delay: 50.931 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 235.88 Mbit/s
95th percentile per-packet one-way delay: 50.931 ms
Loss rate: 0.32%
Run 5: Statistics of Indigo

Start at: 2018-05-26 10:31:52
End at: 2018-05-26 10:32:22
Local clock offset: -0.142 ms
Remote clock offset: 0.224 ms

# Below is generated by plot.py at 2018-05-26 13:34:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 235.69 Mbit/s
95th percentile per-packet one-way delay: 49.825 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 235.69 Mbit/s
95th percentile per-packet one-way delay: 49.825 ms
Loss rate: 0.31%
Run 5: Report of Indigo — Data Link

[Graphs showing throughput and packet delay over time]

Flow 1 ingress (mean 235.59 Mbit/s)  Flow 1 egress (mean 235.69 Mbit/s)

Flow 1 (95th percentile 49.83 ms)
Run 6: Statistics of Indigo

Start at: 2018-05-26 10:52:10
End at: 2018-05-26 10:52:40
Local clock offset: 0.088 ms
Remote clock offset: -0.149 ms

# Below is generated by plot.py at 2018-05-26 13:34:32
# Datalink statistics
-- Total of 1 flow:
  Average throughput: 201.15 Mbit/s
  95th percentile per-packet one-way delay: 50.579 ms
  Loss rate: 0.40%
-- Flow 1:
  Average throughput: 201.15 Mbit/s
  95th percentile per-packet one-way delay: 50.579 ms
  Loss rate: 0.40%
Run 6: Report of Indigo — Data Link

![Graph 1: Throughput (Mbps)](image1)

- Flow 1 ingress (mean 201.22 Mbps)
- Flow 1 egress (mean 201.15 Mbps)

![Graph 2: Per-packet round trip delay (ms)](image2)

- Flow 1 (95th percentile 50.58 ms)
Run 7: Statistics of Indigo

Start at: 2018-05-26 11:12:42
End at: 2018-05-26 11:13:12
Local clock offset: -0.076 ms
Remote clock offset: 0.263 ms

# Below is generated by plot.py at 2018-05-26 13:34:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 239.63 Mbit/s
95th percentile per-packet one-way delay: 50.077 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 239.63 Mbit/s
95th percentile per-packet one-way delay: 50.077 ms
Loss rate: 0.32%
Run 7: Report of Indigo — Data Link

Throughput (Mbps)

Time (s)

Flow 1 ingress (mean 239.57 Mbit/s)  Flow 1 egress (mean 239.63 Mbit/s)

Packet one way delay (ms)

Time (s)

Flow 1 (95th percentile 50.08 ms)
Run 8: Statistics of Indigo

End at: 2018-05-26 11:33:29  
Local clock offset: 0.119 ms  
Remote clock offset: 0.088 ms

# Below is generated by plot.py at 2018-05-26 13:34:32  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 232.01 Mbit/s  
95th percentile per-packet one-way delay: 50.973 ms  
Loss rate: 0.31%  
-- Flow 1:  
Average throughput: 232.01 Mbit/s  
95th percentile per-packet one-way delay: 50.973 ms  
Loss rate: 0.31%
Run 8: Report of Indigo — Data Link
Run 9: Statistics of Indigo

Start at: 2018-05-26 11:54:07
End at: 2018-05-26 11:54:37
Local clock offset: -0.01 ms
Remote clock offset: -0.084 ms

# Below is generated by plot.py at 2018-05-26 13:34:32
# Datalink statistics
-- Total of 1 flow:
  Average throughput: 224.53 Mbit/s
  95th percentile per-packet one-way delay: 50.521 ms
  Loss rate: 0.40%
-- Flow 1:
  Average throughput: 224.53 Mbit/s
  95th percentile per-packet one-way delay: 50.521 ms
  Loss rate: 0.40%
Run 9: Report of Indigo — Data Link

![Graph 1: Throughput vs Time]

![Graph 2: Packet Loss vs Time]

Flow 1 ingress (mean 224.65 Mbit/s)  Flow 1 egress (mean 224.53 Mbit/s)

Flow 1 (95th percentile 50.52 ms)
Run 10: Statistics of Indigo

End at: 2018-05-26 12:14:57
Local clock offset: 0.016 ms
Remote clock offset: 0.018 ms

# Below is generated by plot.py at 2018-05-26 13:34:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 227.47 Mbit/s
95th percentile per-packet one-way delay: 50.460 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 227.47 Mbit/s
95th percentile per-packet one-way delay: 50.460 ms
Loss rate: 0.37%
Run 10: Report of Indigo — Data Link

![Graph showing network performance metrics: throughput and packet loss over time.]

- Flow 1 ingress (mean 227.51 Mbit/s)
- Flow 1 egress (mean 227.47 Mbit/s)

![Graph showing packet loss per time window.]

- Flow 1 (95th percentile 50.46 ms)
Run 1: Statistics of LEDBAT

Start at: 2018-05-26 09:12:18
End at: 2018-05-26 09:12:48
Local clock offset: 0.071 ms
Remote clock offset: -0.063 ms

# Below is generated by plot.py at 2018-05-26 13:34:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.57 Mbit/s
95th percentile per-packet one-way delay: 51.445 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 33.57 Mbit/s
95th percentile per-packet one-way delay: 51.445 ms
Loss rate: 0.68%
Run 1: Report of LEDBAT — Data Link
Run 2: Statistics of LEDBAT

Start at: 2018-05-26 09:32:39
End at: 2018-05-26 09:33:09
Local clock offset: 0.368 ms
Remote clock offset: 0.087 ms

# Below is generated by plot.py at 2018-05-26 13:34:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.28 Mbit/s
95th percentile per-packet one-way delay: 51.115 ms
Loss rate: 2.67%
-- Flow 1:
Average throughput: 1.28 Mbit/s
95th percentile per-packet one-way delay: 51.115 ms
Loss rate: 2.67%
Run 2: Report of LEDBAT — Data Link

![Graph showing throughput over time with two lines: one for flow 1 ingress (mean 1.31 Mbit/s) and the other for flow 1 egress (mean 1.28 Mbit/s).]

![Graph showing per-packet one-way delay with a 95th percentile of 51.12 ms.]
Run 3: Statistics of LEDBAT

Start at: 2018-05-26 09:53:20
End at: 2018-05-26 09:53:50
Local clock offset: 0.322 ms
Remote clock offset: -0.007 ms

# Below is generated by plot.py at 2018-05-26 13:34:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.94 Mbit/s
95th percentile per-packet one-way delay: 52.123 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 27.94 Mbit/s
95th percentile per-packet one-way delay: 52.123 ms
Loss rate: 0.75%
Run 3: Report of LEDBAT — Data Link

[Graph showing throughput over time with two lines indicating mean speeds of 28.05 Mbps for ingress and 27.94 Mbps for egress, along with per-packet delay variation across time.]
Run 4: Statistics of LEDBAT

End at: 2018-05-26 10:14:11
Local clock offset: 0.193 ms
Remote clock offset: -0.037 ms

# Below is generated by plot.py at 2018-05-26 13:34:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.71 Mbit/s
95th percentile per-packet one-way delay: 51.859 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 34.71 Mbit/s
95th percentile per-packet one-way delay: 51.859 ms
Loss rate: 0.67%
Run 4: Report of LEDBAT — Data Link

![Graph 1: Throughput vs Time](image)

- **Flow 1 ingress (mean 34.83 Mbit/s)**
- **Flow 1 egress (mean 34.71 Mbit/s)**

![Graph 2: Packet round-trip delay vs Time](image)

- **Flow 1 (95th percentile 51.86 ms)**
Run 5: Statistics of LEDBAT

Start at: 2018-05-26 10:34:28
End at: 2018-05-26 10:34:58
Local clock offset: 0.147 ms
Remote clock offset: 0.032 ms

# Below is generated by plot.py at 2018-05-26 13:34:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.30 Mbit/s
95th percentile per-packet one-way delay: 51.843 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 34.30 Mbit/s
95th percentile per-packet one-way delay: 51.843 ms
Loss rate: 0.68%
Run 5: Report of LEDBAT — Data Link

![Graphs showing throughput and ping results over time for Flow 1 ingressing and egressing with mean speeds and 95th percentile delay.]

Flow 1 ingress (mean 34.41 Mbit/s) vs Flow 1 egress (mean 34.30 Mbit/s)
Run 6: Statistics of LEDBAT

Start at: 2018-05-26 10:54:41
Local clock offset: -0.227 ms
Remote clock offset: 0.187 ms

# Below is generated by plot.py at 2018-05-26 13:34:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.46 Mbit/s
95th percentile per-packet one-way delay: 50.960 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 35.46 Mbit/s
95th percentile per-packet one-way delay: 50.960 ms
Loss rate: 0.67%
Run 6: Report of LEDBAT — Data Link
Run 7: Statistics of LEDBAT

Start at: 2018-05-26 11:15:15
End at: 2018-05-26 11:15:45
Local clock offset: 0.116 ms
Remote clock offset: 0.123 ms

# Below is generated by plot.py at 2018-05-26 13:34:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.28 Mbit/s
95th percentile per-packet one-way delay: 51.932 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 34.28 Mbit/s
95th percentile per-packet one-way delay: 51.932 ms
Loss rate: 0.68%
Run 7: Report of LEDBAT — Data Link
Run 8: Statistics of LEDBAT

Start at: 2018-05-26 11:35:36
End at: 2018-05-26 11:36:06
Local clock offset: -0.001 ms
Remote clock offset: 0.007 ms

# Below is generated by plot.py at 2018-05-26 13:34:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.19 Mbit/s
95th percentile per-packet one-way delay: 51.895 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 32.19 Mbit/s
95th percentile per-packet one-way delay: 51.895 ms
Loss rate: 0.56%
Run 8: Report of LEDBAT — Data Link
Run 9: Statistics of LEDBAT

Start at: 2018-05-26 11:56:42
End at: 2018-05-26 11:57:12
Local clock offset: 0.214 ms
Remote clock offset: 0.447 ms

# Below is generated by plot.py at 2018-05-26 13:34:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.32 Mbit/s
95th percentile per-packet one-way delay: 51.562 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 33.32 Mbit/s
95th percentile per-packet one-way delay: 51.562 ms
Loss rate: 0.69%
Run 9: Report of LEDBAT — Data Link

![Graph 1: Throughput (Mbps) vs Time (s)]

- **Flow 1 ingress (mean 33.43 Mbps)**
- **Flow 1 egress (mean 33.32 Mbps)**

![Graph 2: Per packet one way delay (ms) vs Time (s)]

- **Flow 1 95th percentile 51.56 ms**
Run 10: Statistics of LEDBAT

Start at: 2018-05-26 12:17:01
End at: 2018-05-26 12:17:31
Local clock offset: -0.098 ms
Remote clock offset: 0.075 ms

# Below is generated by plot.py at 2018-05-26 13:34:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.50 Mbit/s
95th percentile per-packet one-way delay: 51.881 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 33.50 Mbit/s
95th percentile per-packet one-way delay: 51.881 ms
Loss rate: 0.69%
Run 10: Report of LEDBAT — Data Link

[Graphs showing throughput and packet delay over time]
Run 1: Statistics of PCC-Allegro

Start at: 2018-05-26 09:17:20
End at: 2018-05-26 09:17:50
Local clock offset: 0.228 ms
Remote clock offset: 0.174 ms

# Below is generated by plot.py at 2018-05-26 13:34:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 551.77 Mbit/s
95th percentile per-packet one-way delay: 164.735 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 551.77 Mbit/s
95th percentile per-packet one-way delay: 164.735 ms
Loss rate: 0.82%
Run 1: Report of PCC-Allegro — Data Link
Run 2: Statistics of PCC-Allegro

Start at: 2018-05-26 09:37:38
End at: 2018-05-26 09:38:08
Local clock offset: 0.084 ms
Remote clock offset: 0.125 ms

# Below is generated by plot.py at 2018-05-26 13:34:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 535.27 Mbit/s
95th percentile per-packet one-way delay: 161.375 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 535.27 Mbit/s
95th percentile per-packet one-way delay: 161.375 ms
Loss rate: 1.14%
Run 2: Report of PCC-Allegro — Data Link

![Graph showing throughput and round trip time over time for Flow 1 ingress and egress with 95th percentile delay.](image-url)
Run 3: Statistics of PCC-Allegro

Start at: 2018-05-26 09:58:22  
End at: 2018-05-26 09:58:52  
Local clock offset: 0.28 ms  
Remote clock offset: 0.096 ms

# Below is generated by plot.py at 2018-05-26 13:34:38  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 519.95 Mbit/s  
95th percentile per-packet one-way delay: 179.832 ms  
Loss rate: 1.05%  
-- Flow 1:  
Average throughput: 519.95 Mbit/s  
95th percentile per-packet one-way delay: 179.832 ms  
Loss rate: 1.05%
Run 3: Report of PCC-Allegro — Data Link

![Graph 1: Throughput (Mbps)]

![Graph 2: Per-packet one-way delay (ms)]
Run 4: Statistics of PCC-Allegro

Start at: 2018-05-26 10:18:44
End at: 2018-05-26 10:19:14
Local clock offset: 0.005 ms
Remote clock offset: -0.327 ms

# Below is generated by plot.py at 2018-05-26 13:35:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 559.20 Mbit/s
95th percentile per-packet one-way delay: 165.296 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 559.20 Mbit/s
95th percentile per-packet one-way delay: 165.296 ms
Loss rate: 0.87%
Run 4: Report of PCC-Allegro — Data Link

![Graph of throughput over time](image1)

- Flow 1 ingress (mean 562.22 Mbit/s)
- Flow 1 egress (mean 559.20 Mbit/s)

![Graph of packet delay over time](image2)

- Flow 1 (95th percentile 165.30 ms)
Run 5: Statistics of PCC-Allegro

End at: 2018-05-26 10:39:59
Local clock offset: 0.016 ms
Remote clock offset: -0.035 ms

# Below is generated by plot.py at 2018-05-26 13:35:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 453.58 Mbit/s
95th percentile per-packet one-way delay: 53.992 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 453.58 Mbit/s
95th percentile per-packet one-way delay: 53.992 ms
Loss rate: 0.66%
Run 5: Report of PCC-Allegro — Data Link

![Graph 1: Throughput (Mbps)]

- Flow 1 ingress (mean 454.93 Mbps)
- Flow 1 egress (mean 453.58 Mbps)

![Graph 2: Per packet one way delay (ms)]

- Flow 1 (95th percentile 53.99 ms)
Run 6: Statistics of PCC-Allegro

Start at: 2018-05-26 10:59:43  
End at: 2018-05-26 11:00:13  
Local clock offset: 0.194 ms  
Remote clock offset: -0.428 ms

# Below is generated by plot.py at 2018-05-26 13:35:42  
# Datalink statistics

-- Total of 1 flow:
Average throughput: 539.11 Mbit/s
95th percentile per-packet one-way delay: 122.708 ms
Loss rate: 0.57%

-- Flow 1:
Average throughput: 539.11 Mbit/s
95th percentile per-packet one-way delay: 122.708 ms
Loss rate: 0.57%
Run 6: Report of PCC-Allegro — Data Link

![Graph showing throughput and packet delay over time]
Run 7: Statistics of PCC-Allegro

Start at: 2018-05-26 11:20:16
End at: 2018-05-26 11:20:46
Local clock offset: -0.462 ms
Remote clock offset: 0.156 ms

# Below is generated by plot.py at 2018-05-26 13:42:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 514.45 Mbit/s
95th percentile per-packet one-way delay: 174.350 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 514.45 Mbit/s
95th percentile per-packet one-way delay: 174.350 ms
Loss rate: 0.99%
Run 7: Report of PCC-Allegro — Data Link

![Graph 1: Throughput vs Time](image)

- **Flow 1 ingress** (mean 517.69 Mbit/s)
- **Flow 1 egress** (mean 514.45 Mbit/s)

![Graph 2: Per-Packet Delay vs Time](image)

- **Flow 1** (95th percentile 174.35 ms)
Run 8: Statistics of PCC-Allegro

Start at: 2018-05-26 11:40:36
End at: 2018-05-26 11:41:06
Local clock offset: 0.229 ms
Remote clock offset: -0.125 ms

# Below is generated by plot.py at 2018-05-26 13:42:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 528.56 Mbit/s
95th percentile per-packet one-way delay: 175.115 ms
Loss rate: 2.57%
-- Flow 1:
Average throughput: 528.56 Mbit/s
95th percentile per-packet one-way delay: 175.115 ms
Loss rate: 2.57%
Run 8: Report of PCC-Allegro — Data Link
Run 9: Statistics of PCC-Allegro

Start at: 2018-05-26 12:01:43
End at: 2018-05-26 12:02:13
Local clock offset: 0.271 ms
Remote clock offset: 0.165 ms

# Below is generated by plot.py at 2018-05-26 13:44:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 543.16 Mbit/s
95th percentile per-packet one-way delay: 177.532 ms
Loss rate: 2.51%
-- Flow 1:
Average throughput: 543.16 Mbit/s
95th percentile per-packet one-way delay: 177.532 ms
Loss rate: 2.51%
Run 9: Report of PCC-Allegro — Data Link

![Graph of Throughput vs. Time for Flow 1 Ingress and Egress]

- Flow 1 ingress (mean 555.19 Mbit/s)
- Flow 1 egress (mean 543.16 Mbit/s)

![Graph of Per-Packet Delay vs. Time for Flow 1]

- Flow 1 (95th percentile 177.53 ms)
Run 10: Statistics of PCC-Allegro

Local clock offset: 0.012 ms
Remote clock offset: -0.047 ms

# Below is generated by plot.py at 2018-05-26 13:44:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 514.20 Mbit/s
95th percentile per-packet one-way delay: 163.625 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 514.20 Mbit/s
95th percentile per-packet one-way delay: 163.625 ms
Loss rate: 0.93%
Run 10: Report of PCC-Allegro — Data Link

Throughput (kbps)

Flow 1 ingress (mean 517.17 Mbit/s) and Flow 1 egress (mean 514.20 Mbit/s)

Packet one way delay (ms)

Flow 1 (95th percentile 163.62 ms)
Run 1: Statistics of PCC-Expr

Start at: 2018-05-26 09:26:34
End at: 2018-05-26 09:27:04
Local clock offset: 0.172 ms
Remote clock offset: 0.107 ms

# Below is generated by plot.py at 2018-05-26 13:44:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 104.76 Mbit/s
95th percentile per-packet one-way delay: 53.802 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 104.76 Mbit/s
95th percentile per-packet one-way delay: 53.802 ms
Loss rate: 0.38%
Run 1: Report of PCC-Expr — Data Link

![Graph showing throughput and delay over time for Run 1 with data rate metrics.]
Run 2: Statistics of PCC-Expr

Start at: 2018-05-26 09:46:57
End at: 2018-05-26 09:47:27
Local clock offset: -0.106 ms
Remote clock offset: 0.04 ms

# Below is generated by plot.py at 2018-05-26 13:44:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 157.84 Mbit/s
95th percentile per-packet one-way delay: 87.353 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 157.84 Mbit/s
95th percentile per-packet one-way delay: 87.353 ms
Loss rate: 0.81%
Run 2: Report of PCC-Expr — Data Link

![Graph 1: Throughput over time](image1)

![Graph 2: Packet delay over time](image2)

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Run 3: Statistics of PCC-Expr

Start at: 2018-05-26 10:07:17
End at: 2018-05-26 10:07:47
Local clock offset: -0.195 ms
Remote clock offset: -0.044 ms

# Below is generated by plot.py at 2018-05-26 13:47:05
# Datalink statistics
-- Total of 1 flow:
  Average throughput: 344.76 Mbit/s
  95th percentile per-packet one-way delay: 94.284 ms
  Loss rate: 0.36%
-- Flow 1:
  Average throughput: 344.76 Mbit/s
  95th percentile per-packet one-way delay: 94.284 ms
  Loss rate: 0.36%
Run 3: Report of PCC-Expr — Data Link

![Graph 1: Throughput (Mbps)](image)

- Flow 1 ingress (mean 344.82 Mbps)
- Flow 1 egress (mean 344.76 Mbps)

![Graph 2: Per packet one way delay (ms)](image)

- Flow 1 (95th percentile 94.28 ms)
Run 4: Statistics of PCC-Expr

Start at: 2018-05-26 10:28:06
End at: 2018-05-26 10:28:36
Local clock offset: 0.116 ms
Remote clock offset: 0.066 ms

# Below is generated by plot.py at 2018-05-26 13:47:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 349.30 Mbit/s
95th percentile per-packet one-way delay: 108.655 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 349.30 Mbit/s
95th percentile per-packet one-way delay: 108.655 ms
Loss rate: 0.67%
Run 4: Report of PCC-Expr — Data Link
Run 5: Statistics of PCC-Expr

Local clock offset: 0.139 ms
Remote clock offset: -0.267 ms

# Below is generated by plot.py at 2018-05-26 13:49:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 333.70 Mbit/s
95th percentile per-packet one-way delay: 149.801 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 333.70 Mbit/s
95th percentile per-packet one-way delay: 149.801 ms
Loss rate: 0.57%
Run 5: Report of PCC-Expr — Data Link

![Graph 1: Throughput (Mbps)]

- Flow 1 ingress (mean 334.43 Mbps)
- Flow 1 egress (mean 333.70 Mbps)

![Graph 2: Per packet one way delay (ms)]

- Flow 1 (95th percentile 149.80 ms)
Run 6: Statistics of PCC-Expr

Start at: 2018-05-26 11:08:50
End at: 2018-05-26 11:09:20
Local clock offset: 0.271 ms
Remote clock offset: 0.109 ms

# Below is generated by plot.py at 2018-05-26 13:52:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 332.52 Mbit/s
95th percentile per-packet one-way delay: 167.265 ms
Loss rate: 6.58%
-- Flow 1:
Average throughput: 332.52 Mbit/s
95th percentile per-packet one-way delay: 167.265 ms
Loss rate: 6.58%
Run 6: Report of PCC-Expr — Data Link
Run 7: Statistics of PCC-Expr

Start at: 2018-05-26 11:29:21
End at: 2018-05-26 11:29:51
Local clock offset: 0.163 ms
Remote clock offset: -0.161 ms

# Below is generated by plot.py at 2018-05-26 13:52:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 171.48 Mbit/s
95th percentile per-packet one-way delay: 210.244 ms
Loss rate: 4.23%
-- Flow 1:
Average throughput: 171.48 Mbit/s
95th percentile per-packet one-way delay: 210.244 ms
Loss rate: 4.23%
Run 7: Report of PCC-Expr — Data Link

![Graphs showing throughput and packet delay over time]

- Flow 1 ingress (mean 178.42 Mbit/s)
- Flow 1 egress (mean 171.48 Mbit/s)

- Flow 1 (95th percentile 210.24 ms)
Run 8: Statistics of PCC-Expr

End at: 2018-05-26 11:50:28
Local clock offset: -0.016 ms
Remote clock offset: 0.179 ms

# Below is generated by plot.py at 2018-05-26 13:55:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 332.91 Mbit/s
95th percentile per-packet one-way delay: 173.724 ms
Loss rate: 2.70%
-- Flow 1:
Average throughput: 332.91 Mbit/s
95th percentile per-packet one-way delay: 173.724 ms
Loss rate: 2.70%
Run 8: Report of PCC-Expr — Data Link

![Graph 1: Throughput (Mbps)](image)

- Flow 1 ingress (mean 341.00 Mbit/s)
- Flow 1 egress (mean 332.91 Mbit/s)

![Graph 2: Per packet one way delay (ms)](image)

- Flow 1 (95th percentile 173.72 ms)
Run 9: Statistics of PCC-Expr

Start at: 2018-05-26 12:10:46
End at: 2018-05-26 12:11:17
Local clock offset: -0.114 ms
Remote clock offset: 0.051 ms

# Below is generated by plot.py at 2018-05-26 13:55:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 100.95 Mbit/s
95th percentile per-packet one-way delay: 53.659 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 100.95 Mbit/s
95th percentile per-packet one-way delay: 53.659 ms
Loss rate: 0.36%
Run 9: Report of PCC-Expr — Data Link
Run 10: Statistics of PCC-Expr

End at: 2018-05-26 12:31:43
Local clock offset: 0.091 ms
Remote clock offset: 0.149 ms

# Below is generated by plot.py at 2018-05-26 13:55:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 288.58 Mbit/s
95th percentile per-packet one-way delay: 148.243 ms
Loss rate: 3.72%
-- Flow 1:
Average throughput: 288.58 Mbit/s
95th percentile per-packet one-way delay: 148.243 ms
Loss rate: 3.72%
Run 10: Report of PCC-Expr — Data Link
Run 1: Statistics of QUIC Cubic

Start at: 2018-05-26 09:24:15
End at: 2018-05-26 09:24:45
Local clock offset: ~0.17 ms
Remote clock offset: 0.062 ms

# Below is generated by plot.py at 2018-05-26 13:55:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.67 Mbit/s
95th percentile per-packet one-way delay: 53.695 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 66.67 Mbit/s
95th percentile per-packet one-way delay: 53.695 ms
Loss rate: 0.59%
Run 1: Report of QUIC Cubic — Data Link

[Graph]

- Throughput (Mbps)
- Time (s)

Flow 1 ingress (mean 66.81 Mbit/s)
Flow 1 egress (mean 66.67 Mbit/s)

[Graph]

- Per-packet one-way delay (ms)
- Time (s)

Flow 1 (95th percentile 53.70 ms)
Run 2: Statistics of QUIC Cubic

Start at: 2018-05-26 09:44:32
End at: 2018-05-26 09:45:02
Local clock offset: 0.275 ms
Remote clock offset: -0.317 ms

# Below is generated by plot.py at 2018-05-26 13:55:18
# Datalink statistics
-- Total of 1 flow:
  Average throughput: 58.90 Mbit/s
  95th percentile per-packet one-way delay: 54.393 ms
  Loss rate: 0.55%
-- Flow 1:
  Average throughput: 58.90 Mbit/s
  95th percentile per-packet one-way delay: 54.393 ms
  Loss rate: 0.55%
Run 2: Report of QUIC Cubic — Data Link
Run 3: Statistics of QUIC Cubic

Start at: 2018-05-26 10:05:00
End at: 2018-05-26 10:05:30
Local clock offset: 0.406 ms
Remote clock offset: 0.004 ms

# Below is generated by plot.py at 2018-05-26 13:55:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.34 Mbit/s
95th percentile per-packet one-way delay: 54.003 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 61.34 Mbit/s
95th percentile per-packet one-way delay: 54.003 ms
Loss rate: 0.50%
Run 3: Report of QUIC Cubic — Data Link
Run 4: Statistics of QUIC Cubic

End at: 2018-05-26 10:26:11
Local clock offset: -0.006 ms
Remote clock offset: 0.088 ms

# Below is generated by plot.py at 2018-05-26 13:55:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.49 Mbit/s
95th percentile per-packet one-way delay: 53.627 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 58.49 Mbit/s
95th percentile per-packet one-way delay: 53.627 ms
Loss rate: 0.57%
Run 4: Report of QUIC Cubic — Data Link
Run 5: Statistics of QUIC Cubic

End at: 2018-05-26 10:46:37
Local clock offset: 0.189 ms
Remote clock offset: 0.051 ms

# Below is generated by plot.py at 2018-05-26 13:55:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.39 Mbit/s
95th percentile per-packet one-way delay: 53.455 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 58.39 Mbit/s
95th percentile per-packet one-way delay: 53.455 ms
Loss rate: 0.57%
Run 5: Report of QUIC Cubic — Data Link
Run 6: Statistics of QUIC Cubic

Start at: 2018-05-26 11:06:27
End at: 2018-05-26 11:06:57
Local clock offset: 0.171 ms
Remote clock offset: 0.09 ms

# Below is generated by plot.py at 2018-05-26 13:55:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.26 Mbit/s
95th percentile per-packet one-way delay: 53.578 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 65.26 Mbit/s
95th percentile per-packet one-way delay: 53.578 ms
Loss rate: 0.51%
Run 6: Report of QUIC Cubic — Data Link

![Graph showing throughput and delay over time for QUIC Cubic]

- **Throughput**: The throughput is measured in Mbps (Megabits per second) and is shown as a blue line on the graph. The throughput varies significantly over time, with peaks and troughs indicating periods of high and low data flow.

- **Delay**: The delay is measured in milliseconds (ms) and is shown as a second graph overlaid on the throughput graph. The delay values are indicated by small markers on the graph, with a 95th percentile value of 3.58 ms highlighted.

The graphs provide a detailed view of the QUIC Cubic performance, highlighting the variations in data transmission and latency during the test run.
Run 7: Statistics of QUIC Cubic

Start at: 2018-05-26 11:26:56
End at: 2018-05-26 11:27:26
Local clock offset: 0.151 ms
Remote clock offset: -0.062 ms

# Below is generated by plot.py at 2018-05-26 13:55:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.00 Mbit/s
95th percentile per-packet one-way delay: 54.054 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 61.00 Mbit/s
95th percentile per-packet one-way delay: 54.054 ms
Loss rate: 0.53%
Run 7: Report of QUIC Cubic — Data Link

![Graph 1: Throughput Over Time](image1)

- Flow 1 ingress (mean 61.12 Mbit/s)
- Flow 1 egress (mean 61.00 Mbit/s)

![Graph 2: Per-packet one-way delay](image2)

- Flow 1 (95th percentile 54.05 ms)
Run 8: Statistics of QUIC Cubic

Start at: 2018-05-26 11:47:40
End at: 2018-05-26 11:48:10
Local clock offset: 0.252 ms
Remote clock offset: 0.124 ms

# Below is generated by plot.py at 2018-05-26 13:55:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.12 Mbit/s
95th percentile per-packet one-way delay: 53.946 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 62.12 Mbit/s
95th percentile per-packet one-way delay: 53.946 ms
Loss rate: 0.56%
Run 8: Report of QUIC Cubic — Data Link

![Graph showing throughput and packet inter-packet delay](image-url)
Run 9: Statistics of QUIC Cubic

Start at: 2018-05-26 12:08:29
End at: 2018-05-26 12:08:59
Local clock offset: 0.329 ms
Remote clock offset: 0.3 ms

# Below is generated by plot.py at 2018-05-26 13:55:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.48 Mbit/s
95th percentile per-packet one-way delay: 53.676 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 60.48 Mbit/s
95th percentile per-packet one-way delay: 53.676 ms
Loss rate: 0.60%
Run 9: Report of QUIC Cubic — Data Link
Run 10: Statistics of QUIC Cubic

End at: 2018-05-26 12:29:18
Local clock offset: -0.093 ms
Remote clock offset: 0.41 ms

# Below is generated by plot.py at 2018-05-26 13:55:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 59.09 Mbit/s
95th percentile per-packet one-way delay: 52.877 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 59.09 Mbit/s
95th percentile per-packet one-way delay: 52.877 ms
Loss rate: 0.58%
Run 1: Statistics of SCReAM

Start at: 2018-05-26 09:07:33
End at: 2018-05-26 09:08:03
Local clock offset: 0.016 ms
Remote clock offset: 0.071 ms

# Below is generated by plot.py at 2018-05-26 13:55:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.689 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.689 ms
Loss rate: 0.39%
Run 1: Report of SCReAM — Data Link

![Graph of Throughput and Packet Delivery Delay](image)
Run 2: Statistics of SCReAM

Start at: 2018-05-26 09:27:48
End at: 2018-05-26 09:28:18
Local clock offset: 0.046 ms
Remote clock offset: 0.215 ms

# Below is generated by plot.py at 2018-05-26 13:55:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.687 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.687 ms
Loss rate: 0.38%
Run 2: Report of SCReAM — Data Link

Throughput (Mbps)

Time (s)

Flow 1 ingress (mean 0.21 Mbps)  Flow 1 egress (mean 0.21 Mbps)

Per-packet one-way delay (ms)

Time (s)

Flow 1 (95th percentile 53.69 ms)
Run 3: Statistics of SCReAM

Start at: 2018-05-26 09:48:16
End at: 2018-05-26 09:48:46
Local clock offset: 0.279 ms
Remote clock offset: 0.012 ms

# Below is generated by plot.py at 2018-05-26 13:55:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 54.245 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 54.245 ms
Loss rate: 0.26%
Run 4: Statistics of SCReAM

Start at: 2018-05-26 10:08:52
End at: 2018-05-26 10:09:22
Local clock offset: -0.218 ms
Remote clock offset: -0.155 ms

# Below is generated by plot.py at 2018-05-26 13:55:19
# Datalink statistics
-- Total of 1 flow:
  Average throughput: 0.21 Mbit/s
  95th percentile per-packet one-way delay: 53.649 ms
  Loss rate: 0.26%
-- Flow 1:
  Average throughput: 0.21 Mbit/s
  95th percentile per-packet one-way delay: 53.649 ms
  Loss rate: 0.26%
Run 5: Statistics of SCReAM

End at: 2018-05-26 10:30:09
Local clock offset: 0.006 ms
Remote clock offset: -0.224 ms

# Below is generated by plot.py at 2018-05-26 13:55:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 54.207 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 54.207 ms
Loss rate: 0.39%
Run 5: Report of SCReAM — Data Link

![Graph 1: Throughput (Mbps)]

![Graph 2: Per-packet one-way delay (ms)]
Run 6: Statistics of SCReAM

End at: 2018-05-26 10:50:28
Local clock offset: 0.225 ms
Remote clock offset: -0.175 ms

# Below is generated by plot.py at 2018-05-26 13:55:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 54.007 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 54.007 ms
Loss rate: 0.38%
Run 6: Report of SCReAM — Data Link
Run 7: Statistics of SCReAM

Start at: 2018-05-26 11:10:26
End at: 2018-05-26 11:10:56
Local clock offset: ~0.169 ms
Remote clock offset: ~0.06 ms

# Below is generated by plot.py at 2018-05-26 13:55:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.639 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.639 ms
Loss rate: 0.38%
Run 7: Report of SCReAM — Data Link

![Throughput Graph](image1)

Flow 1 ingress (mean 0.21 Mbit/s)  Flow 1 egress (mean 0.21 Mbit/s)

![Delay Graph](image2)

Flow 1 (95th percentile 53.64 ms)
Run 8: Statistics of SCReAM

Start at: 2018-05-26 11:30:43
Local clock offset: -0.05 ms
Remote clock offset: -0.003 ms

# Below is generated by plot.py at 2018-05-26 13:55:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.672 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.672 ms
Loss rate: 0.38%
Run 8: Report of SCReAM — Data Link

![Graph showing throughput over time]

- Flow 1 ingress (mean 0.21 Mbit/s)
- Flow 1 egress (mean 0.21 Mbit/s)

![Graph showing per-packet one-way delay over time]

- Flow 1 (95th percentile 53.67 ms)
Run 9: Statistics of SCReAM

Start at: 2018-05-26 11:51:33
End at: 2018-05-26 11:52:03
Local clock offset: -0.207 ms
Remote clock offset: 0.215 ms

# Below is generated by plot.py at 2018-05-26 13:55:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.370 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 53.370 ms
Loss rate: 0.38%
Run 10: Statistics of SCReAM

Start at: 2018-05-26 12:12:01
End at: 2018-05-26 12:12:31
Local clock offset: -0.065 ms
Remote clock offset: 0.068 ms

# Below is generated by plot.py at 2018-05-26 13:55:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.391 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 50.391 ms
Loss rate: 0.39%
Run 10: Report of SCReAM — Data Link
Run 1: Statistics of Sprout

Start at: 2018-05-26 09:16:14
End at: 2018-05-26 09:16:44
Local clock offset: ~0.332 ms
Remote clock offset: 0.326 ms

# Below is generated by plot.py at 2018-05-26 13:55:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.07 Mbit/s
95th percentile per-packet one-way delay: 50.347 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 6.07 Mbit/s
95th percentile per-packet one-way delay: 50.347 ms
Loss rate: 0.36%
Run 1: Report of Sprout — Data Link
Run 2: Statistics of Sprout

Start at: 2018-05-26 09:36:31
End at: 2018-05-26 09:37:01
Local clock offset: 0.126 ms
Remote clock offset: -0.176 ms

# Below is generated by plot.py at 2018-05-26 13:55:19
# Datalink statistics

-- Total of 1 flow:
Average throughput: 6.27 Mbit/s
95th percentile per-packet one-way delay: 53.661 ms
Loss rate: 0.06%

-- Flow 1:
Average throughput: 6.27 Mbit/s
95th percentile per-packet one-way delay: 53.661 ms
Loss rate: 0.06%
Run 2: Report of Sprout — Data Link
Run 3: Statistics of Sprout

Start at: 2018-05-26 09:57:16
End at: 2018-05-26 09:57:46
Local clock offset: 0.248 ms
Remote clock offset: -0.165 ms

# Below is generated by plot.py at 2018-05-26 13:55:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.47 Mbit/s
95th percentile per-packet one-way delay: 53.661 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 6.47 Mbit/s
95th percentile per-packet one-way delay: 53.661 ms
Loss rate: 0.19%
Run 3: Report of Sprout — Data Link

![Graph showing throughput and packet round-trip delay](image-url)
Run 4: Statistics of Sprout

Start at: 2018-05-26 10:17:37
End at: 2018-05-26 10:18:07
Local clock offset: 0.346 ms
Remote clock offset: -0.189 ms

# Below is generated by plot.py at 2018-05-26 13:55:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.37 Mbit/s
95th percentile per-packet one-way delay: 51.267 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 7.37 Mbit/s
95th percentile per-packet one-way delay: 51.267 ms
Loss rate: 0.43%
Run 5: Statistics of Sprout

End at: 2018-05-26 10:38:53
Local clock offset: -0.172 ms
Remote clock offset: 0.092 ms

# Below is generated by plot.py at 2018-05-26 13:55:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.63 Mbit/s
95th percentile per-packet one-way delay: 50.541 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 6.63 Mbit/s
95th percentile per-packet one-way delay: 50.541 ms
Loss rate: 0.56%
Run 5: Report of Sprout — Data Link
Run 6: Statistics of Sprout

Start at: 2018-05-26 10:58:37
End at: 2018-05-26 10:59:07
Local clock offset: 0.072 ms
Remote clock offset: 0.368 ms

# Below is generated by plot.py at 2018-05-26 13:55:19
# Datalink statistics

-- Total of 1 flow:
Average throughput: 7.07 Mbit/s
95th percentile per-packet one-way delay: 52.834 ms
Loss rate: 0.30%

-- Flow 1:
Average throughput: 7.07 Mbit/s
95th percentile per-packet one-way delay: 52.834 ms
Loss rate: 0.30%
Run 6: Report of Sprout — Data Link

![Graph showing throughput and packet delay over time.]

- **Throughput (Mbps)**:
  - Flow 1 ingress (mean 7.06 Mbps)
  - Flow 1 egress (mean 7.07 Mbps)

- **Packet Delay (ms)**:
  - Flow 1 95th percentile 52.83 ms
Run 7: Statistics of Sprout

Start at: 2018-05-26 11:19:10
End at: 2018-05-26 11:19:40
Local clock offset: 0.121 ms
Remote clock offset: -0.005 ms

# Below is generated by plot.py at 2018-05-26 13:55:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.28 Mbit/s
95th percentile per-packet one-way delay: 53.874 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 6.28 Mbit/s
95th percentile per-packet one-way delay: 53.874 ms
Loss rate: 0.50%
Run 7: Report of Sprout — Data Link
Run 8: Statistics of Sprout

Start at: 2018-05-26 11:39:30
End at: 2018-05-26 11:40:00
Local clock offset: -0.015 ms
Remote clock offset: -0.218 ms

# Below is generated by plot.py at 2018-05-26 13:55:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.23 Mbit/s
95th percentile per-packet one-way delay: 51.027 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 7.23 Mbit/s
95th percentile per-packet one-way delay: 51.027 ms
Loss rate: 0.38%
Run 8: Report of Sprout — Data Link
Run 9: Statistics of Sprout

Start at: 2018-05-26 12:00:37
End at: 2018-05-26 12:01:07
Local clock offset: 0.334 ms
Remote clock offset: 0.263 ms

# Below is generated by plot.py at 2018-05-26 13:55:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.92 Mbit/s
95th percentile per-packet one-way delay: 53.739 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 3.92 Mbit/s
95th percentile per-packet one-way delay: 53.739 ms
Loss rate: 1.24%
Run 9: Report of Sprout — Data Link

![Graph 1: Throughput (Mbps)](image)

- Flow 1 ingress (mean 3.96 Mbps)
- Flow 1 egress (mean 3.92 Mbps)

![Graph 2: Packet Delay (ms)](image)

- Flow 1 (95th percentile 53.74 ms)
Run 10: Statistics of Sprout

Local clock offset: -0.291 ms
Remote clock offset: -0.1 ms

# Below is generated by plot.py at 2018-05-26 13:55:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.78 Mbit/s
95th percentile per-packet one-way delay: 53.506 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 6.78 Mbit/s
95th percentile per-packet one-way delay: 53.506 ms
Loss rate: 0.28%
Run 10: Report of Sprout — Data Link
Run 1: Statistics of TaoVA-100x

Start at: 2018-05-26 09:08:38
End at: 2018-05-26 09:09:08
Local clock offset: 0.102 ms
Remote clock offset: 0.031 ms
Run 1: Report of TaoVA-100x — Data Link
Run 2: Statistics of TaoVA-100x

Start at: 2018-05-26 09:28:54
End at: 2018-05-26 09:29:24
Local clock offset: 0.04 ms
Remote clock offset: 0.177 ms
Run 2: Report of TaoVA-100x — Data Link

![Throughput Graph]

- Flow 1 ingress (mean 125.81 Mbit/s)
- Flow 1 egress (mean 125.78 Mbit/s)

![Packet Delay Graph]

- Flow 1 (95th percentile 53.72 ms)
Run 3: Statistics of TaoVA-100x

Start at: 2018-05-26 09:49:21
End at: 2018-05-26 09:49:51
Local clock offset: -0.173 ms
Remote clock offset: -0.114 ms

# Below is generated by plot.py at 2018-05-26 13:59:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 233.85 Mbit/s
95th percentile per-packet one-way delay: 50.214 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 233.85 Mbit/s
95th percentile per-packet one-way delay: 50.214 ms
Loss rate: 0.39%
Run 3: Report of TaoVA-100x — Data Link
Run 4: Statistics of TaoVA-100x

Start at: 2018-05-26 10:09:57
End at: 2018-05-26 10:10:27
Local clock offset: 0.143 ms
Remote clock offset: 0.149 ms
Run 4: Report of TaoVA-100x — Data Link

![Graph showing throughput and packet delay over time](image)

- **Flow 1 ingress (mean 72.75 Mbit/s)**
- **Flow 1 egress (mean 72.75 Mbit/s)**

![Graph showing packet delay distribution](image)

- **Flow 1 (95th percentile 53.57 ms)**
Run 5: Statistics of TaoVA-100x

Start at: 2018-05-26 10:30:44
End at: 2018-05-26 10:31:14
Local clock offset: -0.021 ms
Remote clock offset: -0.04 ms
Run 5: Report of TaoVA-100x — Data Link
Run 6: Statistics of TaoVA-100x

Start at: 2018-05-26 10:51:03
End at: 2018-05-26 10:51:33
Local clock offset: -0.086 ms
Remote clock offset: -0.141 ms
Run 6: Report of TaoVA-100x — Data Link
Run 7: Statistics of TaoVA-100x

Start at: 2018-05-26 11:11:31
End at: 2018-05-26 11:12:01
Local clock offset: -0.151 ms
Remote clock offset: -0.004 ms

# Below is generated by plot.py at 2018-05-26 13:59:41
# Datalink statistics
-- Total of 1 flow:
  Average throughput: 63.46 Mbit/s
  95th percentile per-packet one-way delay: 53.519 ms
  Loss rate: 0.08%
-- Flow 1:
  Average throughput: 63.46 Mbit/s
  95th percentile per-packet one-way delay: 53.519 ms
  Loss rate: 0.08%
Run 7: Report of TaoVA-100x — Data Link
Run 8: Statistics of TaoVA-100x

End at: 2018-05-26 11:32:18
Local clock offset: 0.496 ms
Remote clock offset: 0.263 ms

# Below is generated by plot.py at 2018-05-26 13:59:41
# Datalink statistics
-- Total of 1 flow:
  Average throughput: 52.49 Mbit/s
  95th percentile per-packet one-way delay: 53.651 ms
  Loss rate: 0.04%
-- Flow 1:
  Average throughput: 52.49 Mbit/s
  95th percentile per-packet one-way delay: 53.651 ms
  Loss rate: 0.04%
Run 9: Statistics of TaoVA-100x

End at: 2018-05-26 11:53:09
Local clock offset: -0.04 ms
Remote clock offset: 0.171 ms

# Below is generated by plot.py at 2018-05-26 14:01:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 254.34 Mbit/s
95th percentile per-packet one-way delay: 50.209 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 254.34 Mbit/s
95th percentile per-packet one-way delay: 50.209 ms
Loss rate: 0.36%
Run 9: Report of TaoVA-100x — Data Link

![Graph 1: Throughput (Mbps)](image1)

![Graph 2: Packet one-way delay (ms)](image2)

*Flow 1 (95th percentile 50.21 ms)*
Run 10: Statistics of TaoVA-100x

Local clock offset: -0.116 ms
Remote clock offset: -0.104 ms

# Below is generated by plot.py at 2018-05-26 14:01:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 172.96 Mbit/s
95th percentile per-packet one-way delay: 52.424 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 172.96 Mbit/s
95th percentile per-packet one-way delay: 52.424 ms
Loss rate: 0.44%
Run 10: Report of TaoVA-100x — Data Link

![Graph showing throughput over time](image1)

- **Flow 1 ingress (mean 173.11 Mbit/s)**
- **Flow 1 egress (mean 172.96 Mbit/s)**

![Graph showing packet delay over time](image2)

- **Flow 1 (95th percentile 52.42 ms)**
Run 1: Statistics of TCP Vegas

Start at: 2018-05-26 09:25:24
End at: 2018-05-26 09:25:54
Local clock offset: 0.047 ms
Remote clock offset: 0.321 ms

# Below is generated by plot.py at 2018-05-26 14:01:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.53 Mbit/s
95th percentile per-packet one-way delay: 51.063 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 90.53 Mbit/s
95th percentile per-packet one-way delay: 51.063 ms
Loss rate: 0.31%
Run 1: Report of TCP Vegas — Data Link

[Graph: Throughput vs Time]

Throughput (Mbps)

Time (s)

Flow 1 ingress (mean 90.51 Mbit/s)  Flow 1 egress (mean 90.53 Mbit/s)

[Graph: Per-packet one-way delay vs Time]

Per-packet one-way delay (ms)

Time (s)

Flow 1 (95th percentile 51.06 ms)
Run 2: Statistics of TCP Vegas

Start at: 2018-05-26 09:45:41
End at: 2018-05-26 09:46:11
Local clock offset: 0.063 ms
Remote clock offset: 0.015 ms

# Below is generated by plot.py at 2018-05-26 14:01:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 224.22 Mbit/s
95th percentile per-packet one-way delay: 57.551 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 224.22 Mbit/s
95th percentile per-packet one-way delay: 57.551 ms
Loss rate: 0.36%
Run 2: Report of TCP Vegas — Data Link

![Graph 1: Throughput (Mbps)]

- Flow 1 ingress (mean 224.27 Mbit/s)
- Flow 1 egress (mean 224.22 Mbit/s)

![Graph 2: Per-packet one-way delay (ms)]

- Flow 1 (95th percentile 57.55 ms)
Run 3: Statistics of TCP Vegas

Start at: 2018-05-26 10:06:09
End at: 2018-05-26 10:06:39
Local clock offset: 0.027 ms
Remote clock offset: 0.114 ms

# Below is generated by plot.py at 2018-05-26 14:01:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.81 Mbit/s
95th percentile per-packet one-way delay: 51.344 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 49.81 Mbit/s
95th percentile per-packet one-way delay: 51.344 ms
Loss rate: 0.23%
Run 3: Report of TCP Vegas — Data Link

![Graphs showing throughput and delay data](image_url)
Run 4: Statistics of TCP Vegas

Start at: 2018-05-26 10:26:50
Local clock offset: 0.122 ms
Remote clock offset: -0.151 ms

# Below is generated by plot.py at 2018-05-26 14:01:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 225.47 Mbit/s
95th percentile per-packet one-way delay: 58.861 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 225.47 Mbit/s
95th percentile per-packet one-way delay: 58.861 ms
Loss rate: 0.36%
Run 4: Report of TCP Vegas — Data Link
Run 5: Statistics of TCP Vegas

Start at: 2018-05-26 10:47:16
End at: 2018-05-26 10:47:46
Local clock offset: 0.239 ms
Remote clock offset: -0.117 ms

# Below is generated by plot.py at 2018-05-26 14:01:32
# Datalink statistics
-- Total of 1 flow:
  Average throughput: 13.50 Mbit/s
  95th percentile per-packet one-way delay: 51.192 ms
  Loss rate: 0.39%
-- Flow 1:
  Average throughput: 13.50 Mbit/s
  95th percentile per-packet one-way delay: 51.192 ms
  Loss rate: 0.39%
Run 5: Report of TCP Vegas — Data Link

![Graph showing throughput and packet delay over time. The throughput graph displays two lines, one dashed and one solid, representing 'Flow 1 ingress (mean 13.51 Mbit/s)' and 'Flow 1 egress (mean 13.50 Mbit/s)'. The packet delay graph shows the 95th percentile delay.]
Run 6: Statistics of TCP Vegas

Start at: 2018-05-26 11:07:36
End at: 2018-05-26 11:08:06
Local clock offset: -0.244 ms
Remote clock offset: 0.207 ms

# Below is generated by plot.py at 2018-05-26 14:01:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 162.73 Mbit/s
95th percentile per-packet one-way delay: 51.180 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 162.73 Mbit/s
95th percentile per-packet one-way delay: 51.180 ms
Loss rate: 0.36%
Run 6: Report of TCP Vegas — Data Link

```
Throughput (Kb/s)

Time (s)

Flow 1 ingress (mean 162.73 Mbit/s)  Flow 1 egress (mean 162.73 Mbit/s)

Packet inter-arrival time (ms)

Time (s)

Flow 1 (99th percentile 51.18 ms)
```
Run 7: Statistics of TCP Vegas

Start at: 2018-05-26 11:28:05
End at: 2018-05-26 11:28:35
Local clock offset: 0.35 ms
Remote clock offset: 0.033 ms

# Below is generated by plot.py at 2018-05-26 14:01:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 227.02 Mbit/s
95th percentile per-packet one-way delay: 58.840 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 227.02 Mbit/s
95th percentile per-packet one-way delay: 58.840 ms
Loss rate: 0.36%
Run 7: Report of TCP Vegas — Data Link

![Graph of throughput and packet delay over time for Flow 1 ingressing and egressing at a mean of 227.05 Mbit/s and 227.02 Mbit/s respectively. The packet delay is shown in the lower graph with a 95th percentile of 58.84 ms.]
Run 8: Statistics of TCP Vegas

End at: 2018-05-26 11:49:19
Local clock offset: 0.111 ms
Remote clock offset: 0.209 ms

# Below is generated by plot.py at 2018-05-26 14:01:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.26 Mbit/s
95th percentile per-packet one-way delay: 51.231 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 80.26 Mbit/s
95th percentile per-packet one-way delay: 51.231 ms
Loss rate: 0.38%
Run 8: Report of TCP Vegas — Data Link

![Graph 1: Throughput (Mbps)]

![Graph 2: Packet Round-trip delay (ms)]
Run 9: Statistics of TCP Vegas

Start at: 2018-05-26 12:09:38
End at: 2018-05-26 12:10:08
Local clock offset: 0.284 ms
Remote clock offset: -0.131 ms

# Below is generated by plot.py at 2018-05-26 14:01:32
# Datalink statistics

-- Total of 1 flow:
Average throughput: 57.93 Mbit/s
95th percentile per-packet one-way delay: 51.851 ms
Loss rate: 0.36%

-- Flow 1:
Average throughput: 57.93 Mbit/s
95th percentile per-packet one-way delay: 51.851 ms
Loss rate: 0.36%
Run 9: Report of TCP Vegas — Data Link

![Graph 1: Throughput vs. Time]

- **Flow 1 ingress (mean 57.94 Mbit/s)**
- **Flow 1 egress (mean 57.93 Mbit/s)**

![Graph 2: Packet Delay vs. Time]

- **Flow 1 95th percentile 51.85 ms**
Run 10: Statistics of TCP Vegas

Start at: 2018-05-26 12:29:56
End at: 2018-05-26 12:30:27
Local clock offset: 0.281 ms
Remote clock offset: 0.214 ms

# Below is generated by plot.py at 2018-05-26 14:02:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 225.54 Mbit/s
95th percentile per-packet one-way delay: 58.448 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 225.54 Mbit/s
95th percentile per-packet one-way delay: 58.448 ms
Loss rate: 0.36%
Run 10: Report of TCP Vegas — Data Link
Run 1: Statistics of Verus

End at: 2018-05-26 09:23:25
Local clock offset: 0.085 ms
Remote clock offset: 0.062 ms

# Below is generated by plot.py at 2018-05-26 14:02:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 229.38 Mbit/s
95th percentile per-packet one-way delay: 108.148 ms
Loss rate: 2.13%
-- Flow 1:
Average throughput: 229.38 Mbit/s
95th percentile per-packet one-way delay: 108.148 ms
Loss rate: 2.13%
Run 1: Report of Verus — Data Link
Run 2: Statistics of Verus

Start at: 2018-05-26 09:43:10
End at: 2018-05-26 09:43:40
Local clock offset: 0.374 ms
Remote clock offset: -0.149 ms

# Below is generated by plot.py at 2018-05-26 14:03:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 264.96 Mbit/s
95th percentile per-packet one-way delay: 90.399 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 264.96 Mbit/s
95th percentile per-packet one-way delay: 90.399 ms
Loss rate: 0.38%
Run 2: Report of Verus — Data Link

![Graph 1: Throughput (Mbps)](Image)

- Flow 1 ingress (mean 265.33 Mbit/s)
- Flow 1 egress (mean 264.96 Mbit/s)

![Graph 2: Per packet one way delay (ms)](Image)

- Flow 1 (95th percentile 90.40 ms)
Run 3: Statistics of Verus

Start at: 2018-05-26 10:03:37
End at: 2018-05-26 10:04:07
Local clock offset: -0.009 ms
Remote clock offset: -0.386 ms

# Below is generated by plot.py at 2018-05-26 14:04:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 273.47 Mbit/s
95th percentile per-packet one-way delay: 130.205 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 273.47 Mbit/s
95th percentile per-packet one-way delay: 130.205 ms
Loss rate: 0.65%
Run 3: Report of Verus — Data Link

![Throughput Graph](Image)

- Flow 1 ingress (mean 274.30 Mbit/s)
- Flow 1 egress (mean 273.47 Mbit/s)

![Delay Graph](Image)

- Flow 1 (95th percentile 130.21 ms)
Run 4: Statistics of Verus

End at: 2018-05-26 10:24:50
Local clock offset: 0.136 ms
Remote clock offset: -0.163 ms

# Below is generated by plot.py at 2018-05-26 14:04:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 241.17 Mbit/s
95th percentile per-packet one-way delay: 82.417 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 241.17 Mbit/s
95th percentile per-packet one-way delay: 82.417 ms
Loss rate: 0.58%
Run 4: Report of Verus — Data Link

![Graph 1: Throughput (Mbps)](image1)

- **Flow 1 ingress (mean 241.74 Mbit/s)**
- **Flow 1 egress (mean 241.17 Mbit/s)**

![Graph 2: Per packet one way delay (ms)](image2)

- **Flow 1 (95th percentile 82.42 ms)**
Run 5: Statistics of Verus

Start at: 2018-05-26 10:44:44
End at: 2018-05-26 10:45:14
Local clock offset: 0.339 ms
Remote clock offset: -0.019 ms

# Below is generated by plot.py at 2018-05-26 14:04:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 289.21 Mbit/s
95th percentile per-packet one-way delay: 78.727 ms
Loss rate: 1.42%

-- Flow 1:
Average throughput: 289.21 Mbit/s
95th percentile per-packet one-way delay: 78.727 ms
Loss rate: 1.42%
Run 5: Report of Verus — Data Link

![Graph 1: Throughput (Mbps)](image1)

- **Flow 1 ingress** (mean 292.41 Mbit/s)
- **Flow 1 egress** (mean 289.21 Mbit/s)

![Graph 2: Per packet one-way delay (ms)](image2)

- **Flow 1** (95th percentile 78.73 ms)
Run 6: Statistics of Verus

Start at: 2018-05-26 11:05:05
End at: 2018-05-26 11:05:35
Local clock offset: 0.162 ms
Remote clock offset: -0.263 ms

# Below is generated by plot.py at 2018-05-26 14:04:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 264.91 Mbit/s
95th percentile per-packet one-way delay: 99.322 ms
Loss rate: 1.36%
-- Flow 1:
Average throughput: 264.91 Mbit/s
95th percentile per-packet one-way delay: 99.322 ms
Loss rate: 1.36%
Run 6: Report of Verus — Data Link

![Graph showing throughput and delay over time]

Flow 1 ingress (mean 267.64 Mbit/s)  Flow 1 egress (mean 264.91 Mbit/s)

![Graph showing packet delay over time]

Flow 1 (95th percentile 99.32 ms)
Run 7: Statistics of Verus

Start at: 2018-05-26 11:25:33
End at: 2018-05-26 11:26:03
Local clock offset: 0.03 ms
Remote clock offset: 0.221 ms

# Below is generated by plot.py at 2018-05-26 14:06:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 268.36 Mbit/s
95th percentile per-packet one-way delay: 102.143 ms
Loss rate: 1.24%
-- Flow 1:
Average throughput: 268.36 Mbit/s
95th percentile per-packet one-way delay: 102.143 ms
Loss rate: 1.24%
Run 7: Report of Verus — Data Link
Run 8: Statistics of Verus

Start at: 2018-05-26 11:46:16
End at: 2018-05-26 11:46:46
Local clock offset: 0.234 ms
Remote clock offset: 0.274 ms

# Below is generated by plot.py at 2018-05-26 14:07:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 283.38 Mbit/s
95th percentile per-packet one-way delay: 164.064 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 283.38 Mbit/s
95th percentile per-packet one-way delay: 164.064 ms
Loss rate: 1.18%
Run 8: Report of Verus — Data Link

![Graph of throughput and per packet one way delay](image)

- Flow 1 ingress (mean 286.15 Mbit/s)
- Flow 1 egress (mean 283.38 Mbit/s)

- Flow 1 (95th percentile 164.06 ms)

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Run 9: Statistics of Verus

Start at: 2018-05-26 12:07:09
End at: 2018-05-26 12:07:39
Local clock offset: -0.193 ms
Remote clock offset: 0.296 ms

# Below is generated by plot.py at 2018-05-26 14:07:28
# Datalink statistics

-- Total of 1 flow:
Average throughput: 229.61 Mbit/s
95th percentile per-packet one-way delay: 78.112 ms
Loss rate: 0.39%

-- Flow 1:
Average throughput: 229.61 Mbit/s
95th percentile per-packet one-way delay: 78.112 ms
Loss rate: 0.39%
Run 9: Report of Verus — Data Link
Run 10: Statistics of Verus

End at: 2018-05-26 12:27:56
Local clock offset: -0.14 ms
Remote clock offset: -0.139 ms

# Below is generated by plot.py at 2018-05-26 14:07:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 255.97 Mbit/s
95th percentile per-packet one-way delay: 134.283 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 255.97 Mbit/s
95th percentile per-packet one-way delay: 134.283 ms
Loss rate: 0.86%
Run 10: Report of Verus — Data Link
Run 1: Statistics of PCC-Vivace

Start at: 2018-05-26 09:13:26
End at: 2018-05-26 09:13:56
Local clock offset: 0.046 ms
Remote clock offset: 0.254 ms

# Below is generated by plot.py at 2018-05-26 14:11:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 417.03 Mbit/s
95th percentile per-packet one-way delay: 57.952 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 417.03 Mbit/s
95th percentile per-packet one-way delay: 57.952 ms
Loss rate: 0.31%
Run 1: Report of PCC-Vivace — Data Link
Run 2: Statistics of PCC-Vivace

Start at: 2018-05-26 09:33:44
End at: 2018-05-26 09:34:14
Local clock offset: -0.277 ms
Remote clock offset: -0.102 ms

# Below is generated by plot.py at 2018-05-26 14:11:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 397.54 Mbit/s
95th percentile per-packet one-way delay: 57.325 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 397.54 Mbit/s
95th percentile per-packet one-way delay: 57.325 ms
Loss rate: 0.47%
Run 2: Report of PCC-Vivace — Data Link

Throughput (Mbps)

Flow 1 ingress (mean 398.05 Mbit/s)  Flow 1 egress (mean 397.54 Mbit/s)

Round trip one way delay (ms)

Flow 1 (95th percentile 57.33 ms)
Run 3: Statistics of PCC-Vivace

Start at: 2018-05-26 09:54:28
End at: 2018-05-26 09:54:58
Local clock offset: -0.185 ms
Remote clock offset: 0.146 ms

# Below is generated by plot.py at 2018-05-26 14:12:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 402.56 Mbit/s
95th percentile per-packet one-way delay: 54.601 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 402.56 Mbit/s
95th percentile per-packet one-way delay: 54.601 ms
Loss rate: 0.42%
Run 3: Report of PCC-Vivace — Data Link

![Graph showing data for Run 3: PCC-Vivace — Data Link]

- **Throughput Graph**
  - Flow 1 ingress (mean 402.87 Mbit/s)
  - Flow 1 egress (mean 402.56 Mbit/s)

- **Packet Delay Graph**
  - Flow 1 (95th percentile 54.60 ms)
Run 4: Statistics of PCC-Vivace

Start at: 2018-05-26 10:14:49  
End at: 2018-05-26 10:15:19  
Local clock offset: -0.124 ms  
Remote clock offset: -0.023 ms  

# Below is generated by plot.py at 2018-05-26 14:12:59  
# Datalink statistics  
-- Total of 1 flow:  
Average throughput: 404.12 Mbit/s  
95th percentile per-packet one-way delay: 68.645 ms  
Loss rate: 0.38%  
-- Flow 1:  
Average throughput: 404.12 Mbit/s  
95th percentile per-packet one-way delay: 68.645 ms  
Loss rate: 0.38%
Run 4: Report of PCC-Vivace — Data Link

![Graph showing network throughput and packet delay over time.](image)

- **Flow 1 ingress (mean 404.19 Mbit/s)**
- **Flow 1 egress (mean 404.12 Mbit/s)**

![Graph showing packet delay variations.](image)

- **Flow 1 (95th percentile 68.64 ms)**
Run 5: Statistics of PCC-Vivace

Start at: 2018-05-26 10:35:35
End at: 2018-05-26 10:36:05
Local clock offset: -0.013 ms
Remote clock offset: 0.181 ms

# Below is generated by plot.py at 2018-05-26 14:14:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 395.22 Mbit/s
95th percentile per-packet one-way delay: 54.727 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 395.22 Mbit/s
95th percentile per-packet one-way delay: 54.727 ms
Loss rate: 0.39%
Run 5: Report of PCC-Vivace — Data Link

![Graph 1: Throughput (Mbps) vs Time (s)]

- **Flow 1 ingress (mean 395.41 Mbit/s)**
- **Flow 1 egress (mean 395.22 Mbit/s)**

![Graph 2: Per packet one way delay (ms) vs Time (s)]

- **Flow 1 (95th percentile 54.73 ms)**
Run 6: Statistics of PCC-Vivace

End at: 2018-05-26 10:56:19
Local clock offset: 0.157 ms
Remote clock offset: 0.203 ms

# Below is generated by plot.py at 2018-05-26 14:14:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 398.56 Mbit/s
95th percentile per-packet one-way delay: 55.297 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 398.56 Mbit/s
95th percentile per-packet one-way delay: 55.297 ms
Loss rate: 0.36%
Run 6: Report of PCC-Vivace — Data Link

Throughput (Mbit/s)

Flow 1 ingress (mean 398.59 Mbit/s)  Flow 1 egress (mean 398.56 Mbit/s)

Per packet delay (ms)

Flow 1 (95th percentile 55.30 ms)
Run 7: Statistics of PCC-Vivace

End at: 2018-05-26 11:16:53
Local clock offset: 0.04 ms
Remote clock offset: -0.219 ms

# Below is generated by plot.py at 2018-05-26 14:14:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 378.91 Mbit/s
95th percentile per-packet one-way delay: 61.095 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 378.91 Mbit/s
95th percentile per-packet one-way delay: 61.095 ms
Loss rate: 0.34%
Run 7: Report of PCC-Vivace — Data Link

![Throughput Graph]

- **Flow 1 ingress (mean 378.87 Mbit/s)**
- **Flow 1 egress (mean 378.91 Mbit/s)**

![Per Packet Graph]

- **Flow 1 (95th percentile 61.09 ms)**
Run 8: Statistics of PCC-Vivace

Start at: 2018-05-26 11:36:44
End at: 2018-05-26 11:37:14
Local clock offset: 0.207 ms
Remote clock offset: 0.195 ms

# Below is generated by plot.py at 2018-05-26 14:14:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 371.73 Mbit/s
95th percentile per-packet one-way delay: 58.984 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 371.73 Mbit/s
95th percentile per-packet one-way delay: 58.984 ms
Loss rate: 0.24%
Run 9: Statistics of PCC-Vivace

Start at: 2018-05-26 11:57:50
End at: 2018-05-26 11:58:20
Local clock offset: 0.112 ms
Remote clock offset: 0.27 ms

# Below is generated by plot.py at 2018-05-26 14:15:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 366.59 Mbit/s
95th percentile per-packet one-way delay: 64.645 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 366.59 Mbit/s
95th percentile per-packet one-way delay: 64.645 ms
Loss rate: 1.16%
Run 9: Report of PCC-Vivace — Data Link

![Graph showing throughput and delay over time]

- Flow 1 ingress (mean 369.58 Mbit/s)
- Flow 1 egress (mean 366.59 Mbit/s)

![Graph showing packet delay over time]

- Flow 1 (95th percentile 64.64 ms)
Run 10: Statistics of PCC-Vivace

Start at: 2018-05-26 12:18:09
End at: 2018-05-26 12:18:39
Local clock offset: 0.221 ms
Remote clock offset: 0.059 ms

# Below is generated by plot.py at 2018-05-26 14:15:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 375.69 Mbit/s
95th percentile per-packet one-way delay: 109.247 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 375.69 Mbit/s
95th percentile per-packet one-way delay: 109.247 ms
Loss rate: 0.66%
Run 10: Report of PCC-Vivace — Data Link
Run 1: Statistics of WebRTC media

Start at: 2018-05-26 09:18:45
End at: 2018-05-26 09:19:15
Local clock offset: -0.236 ms
Remote clock offset: 0.258 ms
Run 1: Report of WebRTC media — Data Link

![Graph showing throughput over time with two lines indicating flow ingress and egress throughput.]

![Graph showing per-packet one-way delay with markers indicating flow 1 and a note indicating 95th percentile delay.]
Run 2: Statistics of WebRTC media

Start at: 2018-05-26 09:39:01
End at: 2018-05-26 09:39:31
Local clock offset: 0.036 ms
Remote clock offset: 0.239 ms

# Below is generated by plot.py at 2018-05-26 14:15:12
# Datalink statistics
  -- Total of 1 flow:
  Average throughput: 0.05 Mbit/s
  95th percentile per-packet one-way delay: 50.579 ms
  Loss rate: 0.00%
  -- Flow 1:
  Average throughput: 0.05 Mbit/s
  95th percentile per-packet one-way delay: 50.579 ms
  Loss rate: 0.00%
Run 2: Report of WebRTC media — Data Link
Run 3: Statistics of WebRTC media

Start at: 2018-05-26 09:59:45
End at: 2018-05-26 10:00:15
Local clock offset: 0.053 ms
Remote clock offset: -0.198 ms

# Below is generated by plot.py at 2018-05-26 14:15:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 50.739 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 50.739 ms
Loss rate: 0.00%
Run 3: Report of WebRTC media — Data Link
Run 4: Statistics of WebRTC media

Start at: 2018-05-26 10:20:09
End at: 2018-05-26 10:20:39
Local clock offset: 0.269 ms
Remote clock offset: 0.092 ms

# Below is generated by plot.py at 2018-05-26 14:15:12
# Datalink statistics
-- Total of 1 flow:
  Average throughput: 0.05 Mbit/s
  95th percentile per-packet one-way delay: 50.720 ms
  Loss rate: 0.00%
-- Flow 1:
  Average throughput: 0.05 Mbit/s
  95th percentile per-packet one-way delay: 50.720 ms
  Loss rate: 0.00%
Run 4: Report of WebRTC media — Data Link

![WebRTC media report graph]

![WebRTC packet delay graph]
Run 5: Statistics of WebRTC media

Start at: 2018-05-26 10:40:51
End at: 2018-05-26 10:41:21
Local clock offset: -0.002 ms
Remote clock offset: -0.132 ms

# Below is generated by plot.py at 2018-05-26 14:15:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 50.542 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 50.542 ms
Loss rate: 0.00%
Run 5: Report of WebRTC media — Data Link

[Graphs showing throughput and packet delay over time for two flows, with annotations for flow characteristics.]
Run 6: Statistics of WebRTC media

Start at: 2018-05-26 11:01:08
End at: 2018-05-26 11:01:38
Local clock offset: 0.141 ms
Remote clock offset: -0.149 ms

# Below is generated by plot.py at 2018-05-26 14:15:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 54.240 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 54.240 ms
Loss rate: 0.00%
Run 6: Report of WebRTC media — Data Link

![Graph showing throughput and packet delay vs time for Flow 1 ingress and egress with mean 0.05 Mbit/s and 95th percentile 54.24 ms respectively.]

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Run 7: Statistics of WebRTC media

Start at: 2018-05-26 11:21:40
End at: 2018-05-26 11:22:10
Local clock offset: 0.058 ms
Remote clock offset: 0.057 ms

# Below is generated by plot.py at 2018-05-26 14:15:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 50.753 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 50.753 ms
Loss rate: 0.00%
Run 7: Report of WebRTC media — Data Link
Run 8: Statistics of WebRTC media

Start at: 2018-05-26 11:42:01
End at: 2018-05-26 11:42:31
Local clock offset: 0.117 ms
Remote clock offset: 0.15 ms

# Below is generated by plot.py at 2018-05-26 14:15:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 53.682 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 53.682 ms
Loss rate: 0.00%
Run 8: Report of WebRTC media — Data Link

![Graph 1: Throughput vs Time](image1)

- **Flow 1 ingress (mean 0.05 Mbit/s)
- **Flow 1 egress (mean 0.05 Mbit/s)

![Graph 2: Packet round-trip delay vs Time](image2)

- **Flow 1 (95th percentile 53.68 ms)
Run 9: Statistics of WebRTC media

Start at: 2018-05-26 12:03:07
End at: 2018-05-26 12:03:37
Local clock offset: 0.191 ms
Remote clock offset: 0.183 ms

# Below is generated by plot.py at 2018-05-26 14:15:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 53.869 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 53.869 ms
Loss rate: 0.00%
Run 9: Report of WebRTC media — Data Link

Throughput (Mbit/s)

Flow 1 ingress (mean 0.05 Mbit/s)  Flow 1 egress (mean 0.05 Mbit/s)

Bit packet one-way delay (ms)

Flow 1 (95th percentile 53.87 ms)
Run 10: Statistics of WebRTC media

Local clock offset: ~0.251 ms
Remote clock offset: 0.236 ms

# Below is generated by plot.py at 2018-05-26 14:15:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 53.345 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 53.345 ms
Loss rate: 0.00%
Run 10: Report of WebRTC media — Data Link

![Graph showing throughput and packet delay over time.]