

nesQUIC – network extended statistics w/ QUIC

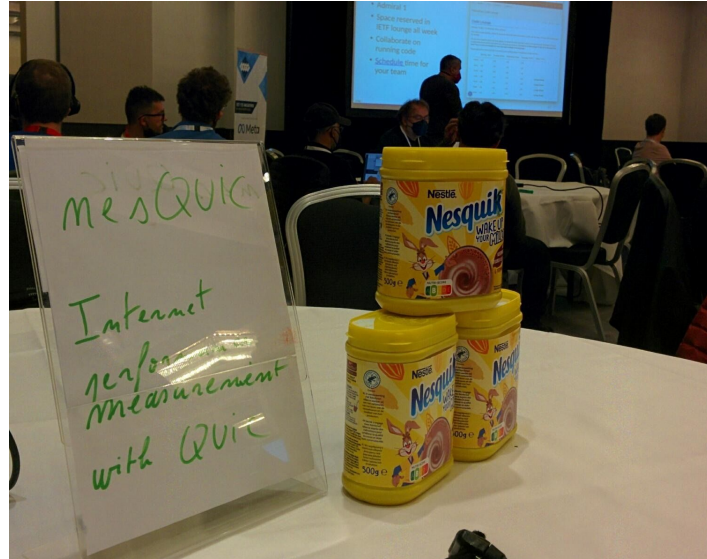


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Do QUIC measurements with M-Lab NDT



+

WebTransport

Integrate into

Let's google "speedtest"

Internet speed test

12.1

Mbps download

22.8

Mbps upload

Latency: 8 ms

Server: London

Your Internet speed is fine.

Your Internet connection should be able to handle streaming an HD video. If multiple devices are streaming video at the same time, you may run into some congestion.

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TEST AGAIN

Achievements

- Integrate quic-go with M-Lab's ndt-server
- Use WebTransport instead of WebSockets
 - Client-side support with Google Chrome
 - Server-side support in Go with webtransport-go

➡ Now, speedtests work both ways with HTTP/3 and WebTransport !

Future Work

Leverage QUIC to get delays, losses and loss patterns stats

- TCPInfo => qlog
- End-to-end measurements (no PEP)