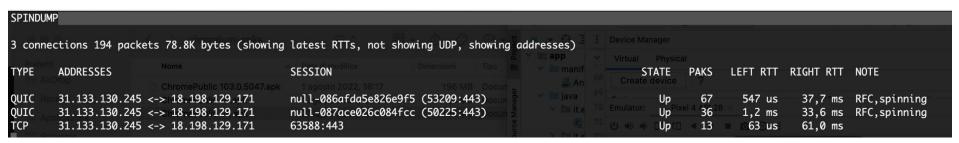
Explicit Flow Measurements IETF Hackathon

IETF 115 November 5-6, 2022 London



What got done

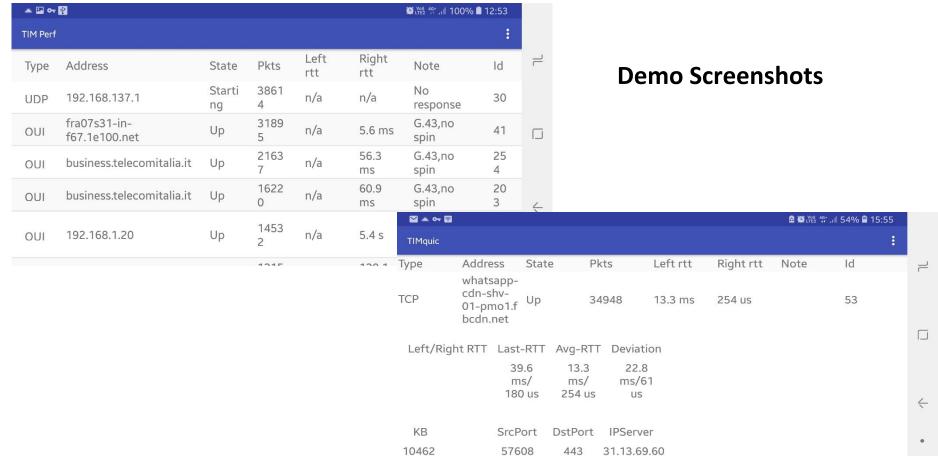
- Understand if Spinbit technique is supported on Internet
 - Implementation of Quic Spin Bit inside an open source browser, i.e. Chromium
 - Tests versus OTT Web Servers: they don't support Spinbit
 - Tests versus an Open Litespeed Web Server: successful!
 We got the spinbit running and delay measurements.



What got done

- New Delay Measurement Technique
 - We implemented a new experimental technique which require only client support.
 - It relies on internal protocol RTT evaluation and uses the same square wave mechanism of SpinBit.
 - Some preliminary tests have been done with good results.
 - Differently from other delay techniques, this does not require server reflections or interactions.

User device explicit monitoring App



IETF References

- Drafts on this work:
 - -Explicit Flow Measurements https://datatracker.ietf.org/doc/draft-ietf-ippm-explicit-flowmeasurements/
 - User Devices Explicit Monitoring
 https://datatracker.ietf.org/doc/draft-cnbf-ippm-user-devices-explicit-monitoring

Wrap Up

Team members:

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