Measurement and Analysis for Protocols
Research Group (maprg)
March 29, 2023
IETF116 in Yokohama

co-chairs <maprg-chairs@ietf.org>:

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Note Well – Intellectual Property

• The IRTF follows the IETF Intellectual Property Rights (IPR) disclosure rules

• By participating in the IRTF, you agree to follow IRTF processes and policies:
  • If you are aware that any IRTF contribution is covered by patents or patent applications that are owned or controlled by you or your sponsor, you must disclose that fact, or not participate in the discussion
  • The IRTF expects that you file such IPR disclosures in a timely manner – in a period measured in days or weeks, not months
  • The IRTF prefers that the most liberal licensing terms possible are made available for IRTF Stream documents – see RFC 5743
  • Definitive information is in RFC 5378 (Copyright) and RFC 8179 (Patents, Participation), substituting IRTF for IETF, and at https://irtf.org/policies/ipr
Note Well – Audio and Video Recordings

• The IRTF routinely makes recordings of online and in-person meetings, including audio, video and photographs, and publishes those recordings online

• If you participate in person and choose not to wear a red “do-not-photograph” lanyard, then you consent to appear in such recordings, and if you speak at a microphone, appear on a panel, or carry out an official duty as a member of IRTF leadership then you consent to appearing in recordings of you at that time

• If you participate online, and turn on your camera and/or microphone, then you consent to appear in such recordings
Note Well – Privacy & Code of Conduct

• As a participant in, or attendee to, any IRTF activity you acknowledge that written, audio, video, and photographic records of meetings may be made public

• Personal information that you provide to IRTF will be handled in accordance with the Privacy Policy at https://www.ietf.org/privacy-policy/

• As a participant or attendee, you agree to work respectfully with other participants; please contact the ombudsteam (https://www.ietf.org/contact/ombudsteam/) if you have questions or concerns about this

• See RFC 7154 (Code of Conduct) and RFC 7776 (Anti-Harassment Procedures), which also apply to IRTF
Goals of the IRTF

• The Internet Research Task Force (IRTF) focuses on longer term research issues related to the Internet while the parallel organisation, the IETF, focuses on shorter term issues of engineering and standards making.

• The IRTF conducts research; it is not a standards development organisation.

• While the IRTF can publish informational or experimental documents in the RFC series, its primary goal is to promote development of research collaboration and teamwork in exploring research issues related to Internet protocols, applications, architecture, and technology.

• See “An IRTF Primer for IETF Participants” – RFC 7418
Administrativa

- Charter: https://datatracker.ietf.org/group/maprg/charter/
- Mailing List: maprg@irtf.org
  Subscriptions: https://www.irtf.org/mailman/listinfo/maprg
- Today’s slides: https://datatracker.ietf.org/meeting/116/session/maprg/
- Meetecho: https://meetings.conf.meetecho.com/ietf116/?group=maprg
  
  - Please join Meetecho (lite or full version) from the room to sign in for the bluesheets (and enter the queue)!
Meeting Tips

In-person participants
• Make sure to sign into the session using the Meetecho (usually the “Meetecho lite” client) from the Datatracker agenda
• Use Meetecho to join the mic queue
• *Keep audio and video off if not using the onsite version*
• *Wear masks unless actively speaking at the microphone.*

Remote participants
• Make sure your audio and video are off unless you are chairing or presenting during a session
• Use of a headset is strongly recommended

This session is being recorded.
Agenda

15:30 Overview & Status - Mirja & Dave
15:35 On the Interplay between TLS Certificates and QUIC Performance - Marcin Nawrocki
15:50 A Characterization of Route Variability in LEO Satellite Networks - Vaibhav Bhosale
16:05 Heads-up talk: A Sample of Anomalies in Active Measurements - Robert Kisteleki
16:10 Designing Experiments to Avoid Internet Measurement Pitfalls - Ana Custura
16:25 Efficient Continuous Latency Monitoring with eBPF - Simon Sundberg
16:40 Measuring the Performance of iCloud Private Relay - Martino Trevisan
16:55 Heads-up talk: IPv6 only resolvers, what is stopping them? - Momoka Yamamoto