

# Measurement and Analysis for Protocols

Research Group (maprg)

March 23, 2022

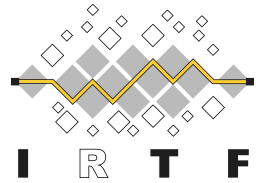
IETF113 in Vienna

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

Dave Plonka <[dave@plonka.us](mailto:dave@plonka.us)>

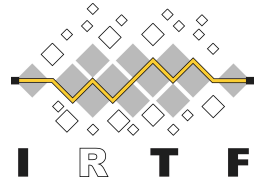
Mirja Kühlewind <[mirja.kuehlewind@ericsson.com](mailto:mirja.kuehlewind@ericsson.com)>

# Note Well – Intellectual Property



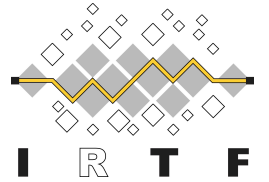
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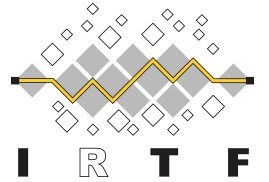
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# Note Well – Privacy & Code of Conduct



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- 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](mailto:maprg@irtf.org)  
Subscriptions: <https://www.irtf.org/mailman/listinfo/maprg>
- Today's slides: <https://datatracker.ietf.org/meeting/113/session/maprg/>
- Meetecho: <https://meetings.conf.meetecho.com/ietf113/?group=maprg>
  - Please join Meetecho (lite or full version) from the room to sign in for the bluesheets (and enter the queue)!
- Jabber: <xmpp:maprg@jabber.ietf.org?join>



# Agenda

- 10:00 **Overview & Status** (Mirja & Dave)
- 10:05 **Glowing in the Dark: Uncovering IPv6 Address Discovery and Scanning Strategies in the Wild** (Hammam Tanveer)
- 10:25 **Survey on DNSSEC deployment metrics** (Moritz Müller)
- 10:35 **Assessing Support for DNS-over-TCP in the Wild** (Jerome Mao)
- 10:55 **One to Rule them All? A First Look at DNS over QUIC** (Mike Kosek)
- 11:15 **Performance of QUIC Implementations Over Geostationary Satellite Links** (Joerg Deutschmann)
- 11:35 **QUICsand: quantifying QUIC reconnaissance scans and DoS flooding events** (Matthias Waehlich)