

Measurement and Analysis for Protocols

Research Group (maprg)

March 8, 2021

IETF 110 Online

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

Mirja Kühlewind <mirja.kuehlewind@ericsson.com>

Dave Plonka <dave@plonka.us>

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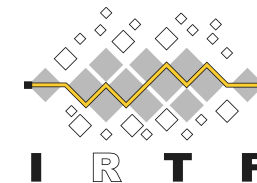
This session is being recorded

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

Mirja Kühlewind <mirja.kuehlewind@ericsson.com>

Dave Plonka <dave@plonka.us>

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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](#)

Administrivia

- 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/110/session/maprg/>
- Meetecho:
<https://meetings.conf.meetecho.com/ietf110/?group=maprg&short=&item=1>
- Jabber: <xmpp:maprg@jabber.ietf.org?join>

Agenda (CET)

15:30 Intro & Overview

(Mirja & Dave)

15:35 Collecting "Typical" Domain Names for Web Servers

(Paul Hoffman)

15:45 Measuring DNS over TLS from the Edge: Adoption, Reliability, and Response Times

(Trinh Viet Doan)

16:00 Assessing the Privacy Benefits of Domain Name Encryption

(Nguyen Phong Hoang)

16:15 qlog: facilitating analysis of QUIC, HTTP/3 and other (encrypted) protocols

(Robin Marx)

16:20 Explicit Congestion Notification (ECN) Deployment Observations

(Pete Heist)