

T2TRG: Thing-to-Thing Research Group

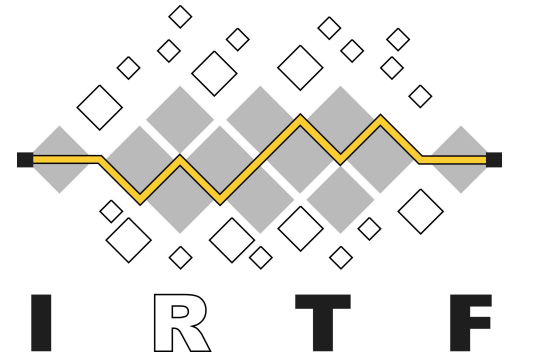
pre-IETF 113 “Spring” Summary Meeting, March 10, 2022

Chairs: Carsten Bormann & Ari Keränen

Note Well

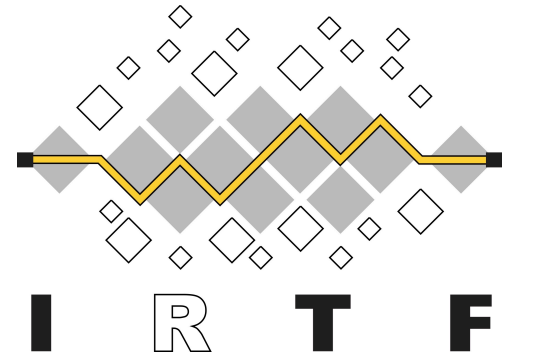
- You may be recorded
- Be nice
- The IPR guidelines of the IETF apply:
see <http://irtf.org/ipr> for details.

Note Well – Intellectual Property



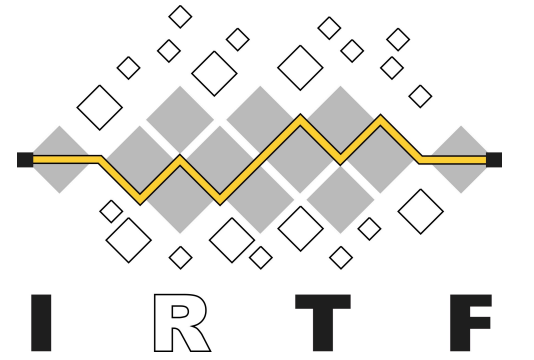
- **The IRTF follows the IETF Intellectual Property Rights (IPR) disclosure rules**
- By participating in the IRTF, you agree to follow IRTF processes and policies:
 - If you are aware that any IRTF contribution is covered by patents or patent applications that are owned or controlled by you or your 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 – 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](#)

Administrivia (I)

- (Blue sheets maintained by meetecho)
- Note-takers: <https://notes.ietf.org/notes-ietf-interim-2022-t2trg-01-t2trg>
- Jabber (= Meetecho chat)
 - <xmpp:t2trg@jabber.ietf.org?join>
- Mailing List: t2trg@irtf.org — subscribe at:
<https://www.ietf.org/mailman/listinfo/t2trg>
- Repo: <https://github.com/t2trg/2022-03-summary>

Agenda

Time (UTC)	Who	Subject	Docs
15:00	Chairs	Intro, RG status, upcoming meetings and activities	draft-irtf-t2trg-rest-iot draft-irtf-t2trg-iot-edge
15:10	Chairs	Reports from WISHI and other activities	
15:20	Göran Selander	Security Considerations for Constrained RESTful Environments (SECCORE): A new T2TRG activity	
	John Mattsson	Amplification attacks	draft-mattsson-t2trg-amplification-attacks-00
15:50	Sávyo Morais	A Security Extension for RFC 8520 to Give Fast Response to New Vulnerabilities on Domestic IoT Networks (research talk)	
16:20	Michael McCool	W3C WoT update	
16:35	Michael Koster	OneDM update, iotschema.org	
16:50		Flextime	
	Carsten Bormann	SWORN/TINA Teaser	draft-bormann-t2trg-sworn
16:55	Chairs	Wrap-up	
17:00	Chairs	end of meeting	

Next meetings

- Regular WISHI and SECCORE calls (~ (bi-)monthly?)
- No T2TRG meeting at IETF 113
- Online meetings with other SDOs/alliances/open source communities?
- Work meeting ~ April/May? (e.g., Digital Twins and IETF IoT technologies?)
- “Online co-locating” with academic conferences?
- Physical meeting in 2022?

RG Doc Status

- RESTful Design for IoT: minor update on PUT side effects and addressing chair review; more substantial review issues with PRs coming
- Edge & IoT: chair reviews and RGLC next
- Terminology and processes for initial security setup of IoT devices (was Secure IoT Bootstrapping): ongoing
- Ramping up: IoT Information-Model Standards Description and related work on Semantic Landscape/Nutrition Labels in WISHI
- Also: WISHI notes (see [WISHI wiki](#), e.g. terminology rosetta stone)

Work on IoT Semantic/Hypermedia Interoperability (WISHI)

- Related work in the ASDF / OneDM context
- Met in November: WoT TDs, TMs, and SDF; IPSO-SDF-DTDL hacking
- Plan to continue with SDF topics