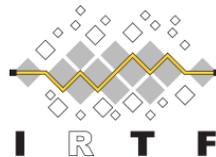


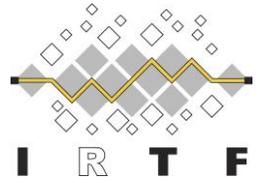
58th NMRG Meeting

IETF 108, Online

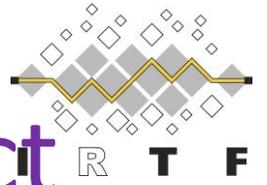
Chairs: Laurent Ciavaglia, Jérôme François
Secretaries: Jéferson Campos Nobre, Pedro Martinez-Julia



Note Well – Intellectual property



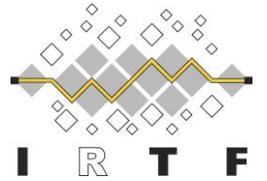
- **The IRTF follows the IETF Intellectual Property Rights (IPR) disclosure rules**
- By participating in the IRTF, you agree to follow IRTF processes and policies:
 - If you are aware that any IRTF contribution is covered by patents or patent applications that are owned or controlled by you or your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

Virtual meeting

- The session is being recorded.
- The “Blue sheet” is automatically recorded based on IETF Datatracker login.
- Before speaking, you should enter the queue by pressing the “raise hand microphone” icon.
- Please keep your audio muted and video off when not presenting/speaking
- When speaking, please start by stating your name and any affiliation
- Useful links:
 - Materials: <https://datatracker.ietf.org/meeting/108/session/nmrg>
 - Meetecho: <http://www.meetecho.com/ietf108/nmrg/>
 - Notes: <https://codimd.ietf.org/notes-ietf-108-nmrg>
 - Audio recording: <https://www.ietf.org/audio/ietf108/>
 - Video recording: <https://www.youtube.com/user/ietf/playlists>
- Minute taker: W. Cerroni
- Jabber scribe: J.C. Nobre

Agenda

1. 11:00 Introduction + RG information, Chairs, 5 min
2. 11:05 Concepts of Digital Twin Network, C. Zhou, 7 min. + 3 min. Q&A
 - <https://datatracker.ietf.org/doc/draft-zhou-nmrg-digitaltwin-network-concepts/>
3. 11:15 Research Challenges in AI for NM document (discussion), J. Francois, 7 min. + 3 min. Q&A
4. 11:25 Transport Slice Intent, Luis M. Contreras, 7 min. + 3 min. Q&A
 - <https://datatracker.ietf.org/doc/draft-contreras-nmrg-transport-slice-intent/>
5. 11:35 Interconnection Intent, Luis M. Contreras, 7 min. + 3 min. Q&A
 - <https://datatracker.ietf.org/doc/draft-contreras-nmrg-interconnection-intents/>,
6. 11:45 Service Assurance for Intent-based Networking Architecture, Benoit Claise, 7 min. + 3 min. Q&A
 - <https://datatracker.ietf.org/doc/draft-claise-opsawg-service-assurance-architecture/>
 - <https://datatracker.ietf.org/doc/draft-claise-opsawg-service-assurance-yang/>
7. 11:55 Report(s) on NMRG participation to IETF 108 Hackathon, 11:55 - 40 min
 - Intent-based, assurance, telemetry, K. Edline, 15min
 - A Multi-Level Approach to IBN, W. Cerroni, 15min
 - I2NSF, P. Jeong, 10min

If time allows: IBN use cases and next steps (discussion, J. C. Nobre), Intent classification (draft-irtf-nmrg-ibn-intent-classification), RG infos

RG infos

- IBN work items
 - Two active RG drafts: definitions & concepts + classification
 - Discussion on use case started in last meetings, effort will be synchronized by JC Nobre
- AI work items
 - Challenge document in progress
 - Talk series to be refined
- Other topics
 - Residual configurations
 -

Future meetings

July, IETF 108, Madrid *online*

- Current session
- Participation in IETF 108 online Hackathon (last week)

November, IETF 109, Bangkok *face-to-face or online*

Until further notice, the default mode of operation will increasingly rely on:

- Monthly Virtual Meetings (next in September)
- Mailing list
- Collaborative platforms (e.g. Github, Google Docs, etc.)

Do not hesitate to share your questions, ideas or needs with the groups or chairs !

AOB?