

IETF-3GPP coordination call

Pre IETF 118

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Agenda



- 3GPP-IETF Coordination
- Ongoing Liaison Statements exchanged between IETF and 3GPP
- Ongoing IANA action
- Status of the 3GPP-IETF dependencies
- AoB

3GPP-IETF Coordination

IETF-3GPP Coordination meeting



Last: @IETF#117 (San Francisco)

- 2023, July 24, 11:45 - 12:45 (PDT, UTC-7)(remote access provided)
- With CT chair, IETF liaison, IESG members, IAB members, WG chairs and delegates. About 40 attendees
- Some issues with the LS sent by IETF.
 - Reminder to IETF: LS from IETF have to be sent in a formatted document attached to the email sent to the 3GPP Liaison coordinator
 - Recommend IETG WG chairs work with Charles and Peter to post LSs in future
- Remaining dependencies (about 7) under control

Next: @IETF#118 (Prague)

- Will be held on 2023, November 6
- Remote access will be provided

IETF - 3GPP IAB group



➤ Created in April 2023, similar to the IETF-IEEE IAB group

➤ Group description

- The purpose of this group is to support coordination activities between IETF and 3GPP as documented in **RFC 3113**.
- led jointly by the 3GPP and IETF liaison managers
- No fixed membership but participation from relevant IETF Area Directors, IETF WG Chairs, 3GPP WG Chairs, and document authors/editors is encouraged.
- See: <https://datatracker.ietf.org/group/ietf3gpp/about/>

➤ Action Points:

- Update the dependency list tool or create a new one (with IETF support)
- Update RFC 3113: "3GPP-IETF Standardization Collaboration" (2001)

IETF-3GPP Liaison Statements

3GPP->IETF

Reply LS on DTLS for SCTP



- 📶 In response to [Reply LS on DTLS for SCTP next steps and request for input](#) (08/23)
 - IETF TSVWG to SA3, has listed the architectural and security requirements that IETF TSVWG has taken into consideration towards developing a solution.
 - Asks if interpretation of requirements is correct, if 3GPP has preference or feedback on proposed solutions, and encourages participation in [interim TSVWG meeting](#) September 19.
- 📶 Feedback from SA3:
 - From SA3's perspective, TSVWG's interpretation of all the security requirements is correct – they are generic best-practice properties of a security protocol.
 - Solution (ii) is preferred because it appears to have lower implementation effort
- 📶 Feedback from RAN3:
 - SCTP implementations are not discussed in RAN3
 - RAN3 does not want to limit the maximum message size of application protocols. For this reason, any solution with a limit on message size will not meet RAN3 requirements

3GPP->IETF: isInvariant and SystemCreated in YANG



📶 [LS on need for modeling isInvariant and SystemCreated in YANG](#) to Netmod (03/23)

📶 3GPP Requirements

- A solution to represent the isInvariant and SystemCreated properties in IETF defined YANG statements is needed to support 3GPP stage3 YANG data model.
- 3GPP SA5 sees [draft-ma-netmod-immutable-flag](#) as a potential solution

📶 Discussed in NETMOD at IETF 117

- WG adoption poll for [draft-ma-netmod-immutable-flag-08](#) open Sept 5-19
- Interested companies should be active on the NETMOD mailing list, review the draft, and share their opinions

IETF->3GPP

- [LS on a Framework for Network Slices in Networks Built from IETF Technologies](#) (10/23)
- IETF Traffic Engineering Architecture and Signaling Working Group (teas) informs about drafts under development in the WG and ask SA2, SA3, SA5, RAN3 for feedback
- The LS is scheduled for the November meeting SA2, SA3 and SA5
- RAN3 point of view this depends on implementation and it is an interaction with transport layer, people can check. The LS was noted.

Tracking requests to IANA

IANA assignment request handling

📶 Triggered by review of Rel-17 specifications :

- A lot of IANA assignment requests have been done
- Any IANA assignment request must be indicated to the IETF liaison
- Template for IANA assignment request as an Appendix included in the 3GPP spec requiring the assignment
- To track the requests MCC has created a web page:
[IANA Pending Request Registry](#)

IETF Dependencies

New Published RFCs

Published RFCs

- Handling of Identity Header Errors for Secure Telephone Identity Revisited (STIR), [RFC 9410](#)
 - Published 07/2023
 - CRs to 24.229 and 29.165 approved
- Extension of the Datagram Transport Layer Security (DTLS) Profile for Authentication and Authorization for Constrained Environments (ACE) to Transport Layer Security (TLS), [RFC 9430](#)
 - Published 07/2023
 - Next step:
 - CRs to 33.434

IETF reference updates

 None

Drafts in RFC Editor queue

Drafts in RFC Editor queue

draft-ietf-stir-passport-rcd-26

- Title: PASSporT Extension for Rich Call Data
- Last update: 06/2023
- Next steps: Publish as Proposed Standard RFC, CRs to 33.127 and 33.128

draft-ietf-stir-messaging-08

- Title: Messaging Use Cases and Extensions for STIR
- Last update: 08/2023
- Next steps: Publish as Proposed Standard RFC, CRs to 33.127
- **!!! WARNING !!! Wrong draft reference in 33.127**
 - IETF draft-ietf-stir-~~passport~~-messaging-00, "Messaging Use Cases and Extensions for STIR".

Drafts under IESG review

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draft-ietf-detnet-yang-18

- Title: Deterministic Networking (DetNet) YANG Model
- Last update: 07/2023, addressing AD evaluation and feedback
- Next step:
 - Publish as Proposed Standard RFC
 - CRs to 23.501, 23.503 and 29.565

Active WG documents

Active WG document

[draft-ietf-quic-multipath](#)

- Title: Multipath Extension for QUIC
- Status: WG document, draft-ietf-quic-multipath-05 posted 07/2023
- Next step: draft update, IESG review, RFC publication, SA2 CR to 23.501

[draft-jesske-update-p-visited-network](#)

- Title: Update to P-Visited-Network-ID in SIP Requests and Responses
- Agreement to handle within SIPCORE at IETF 116 coordination meeting
- Status: WG Last Call completed, draft-jesske-update-p-visited-network-05 posted 06/2023
- Next steps: Additional WG review, IESG review, RFC publication, CT1 CR to 24.229

Individual submissions

Individual submissions

[draft-boro-opsawg-teas-attachment-circuit](#)

- Title: YANG Data Models for 'Attachment Circuits'-as-a-Service (ACaaS)
- Status: draft-boro-opsawg-teas-attachment-circuit-07 posted 07/2023
- Next steps: WG adoption updates, IESG review, RFC publication, SA5 CR to 28.541

[draft-schwarz-mmusic-sdp-for-gw](#)

- Last update: draft-schwarz-mmusic-sdp-for-gw-05, posted 05/2016, expired
- Next step: Still to be reactivated, published RFC, CT4 CR to 23.334 and 29.334
- Action Point: contact an ITU expert to help us

Any Other Business

Thank You!



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