

Liaison Coordination Update

IETF-123 Madrid, July 2025

Overview

- Overview and Status Update Liaisons
- Tooling/Process Update
- RFCs Updates
 - RFC3113bis
 - RFC4052/53bis

Liaison Statement Stats

<https://datatracker.ietf.org/liaison/>

2025 until end of May:

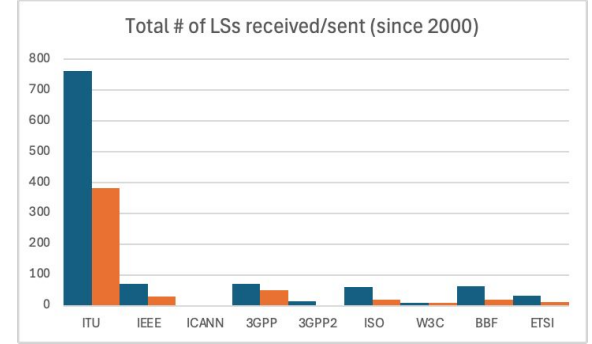
- Total received: 22 (12 ITU-T, 1 ITU-D, 3 ETSI, 1 IEEE, 2 BBF, 2 GSMA, 1 ISO)
- Total sent: 13 (4 ITU-T, 4 3GPP, 2 ETSI, 1 BBF, 1 IEEE, 1 TMFORUM)

2024:

- Total received: 55 (36 ITU-T, 6 3GPP, 4 ETSI, 3 BBF, 3 IEEE, 3 others)
- Total sent: 18 (3 ITU, 7 3GPP, 2 ETSI, 4 BBF, 1 CCC, 1 TMForum)

2023

- Total received: 72 (51 ITU-T, 5 3GPP, 4 BBF, 5 IEEE, 3 WBA, 4 others)
- Total sent: 12 (4 ITU, 4 3GPP, 1 BBF, 1 IEEE, 1 ETSI, 1 ASTM)



Liaison Manager Position Updates

Recent Updates

- Rüdiger Greib added for ITU-T SG12
- Xueyan Song replacing Dave Sinicrope for BBF

Upcoming

- Working on new liaison managers for ISO/TC204, CableLabs, and ECMA TC39

3GPP

- Ongoing coordination between IETF and 3GPP
 - Group page: <https://datatracker.ietf.org/iabasg/ietf3gpp/about/>
 - IETF status report presented at each 3GPP SA plenary
 - IETF/3GPP coordination session at each IETF meeting
 - Update to [RFC 3113, "3GPP-IETF Standardization Collaboration"](#) in progress: [draft-kes-rfc3113bis](#)
- Liaison statements exchanged since IETF 122
 - nmop sent [LS on draft-ietf-nmop-simap-concept, "SIMAP: Concept, Requirements, and Use Cases"](#)
 - 6man sent [LS on draft-ietf-6man-deprecate-router-alert, "Deprecation of the IPv6 Router Alert Option for New Protocols"](#)
 - green sent [LS on the creation of the Getting Ready for Energy-Efficient Networking Working Group in the IETF](#)
 - netmod sent [Reply to LS on need for modeling isInvariant and SystemCreated in YANG](#)
- 3GPP Technical Specification dependencies on IETF drafts
 - Dependencies on drafts in ospawg, tsvwg, sipcore, quic, mimi, moq, masque
 - 3GPP has started work on 6G
 - Potential for many work-in-progress IETF protocols to be used
 - IETF drafts on protocol candidates should reach RFC by end of 2027

W3C (liaison manager: Martin Thomson)

- Long-running partnership and coordination since 1995
- W3C works on Web standards:
 - APIs for Web applications, running in Web user agents
 - Data formats and related: Linked data, VC, DCAT, Data Shapes
- W3C Technical leadership:
 - [Technical Architecture Group \(TAG\)](#), Technical Strategy Team
 - [W3C vision](#) and principles: [ethical](#), [privacy](#)
- Long-running partnership on several features:
 - WebRTC, Web Transport, Web Auth, Push API, Web Crypto, HTTP (GPC, DT,)
- Work on using expertise in one org to help the others
 - W3C Horizontal Groups: [accessibility](#), [security](#), [privacy](#), [i18n](#), [architecture](#)
- IAB/W3C [Workshop on Age-Based Restrictions on Content Access](#)
- Communication
 - Email: public-ietf-w3c@w3.org, public-new-work@w3.org
 - Github: [w3c/w3c-ietf-coord](#)

ITU (Scott Mansfield, SG15 Deborah Brungard, SG12 Rüdiger Geib)

- Follow-up needed with IETF, IAB, and IRTF
 - QKD & IPSec - SG13 and SG17 work in Quantum and Security
 - AINN - AI work align with IAB and IRTF
 - DETNET - TSN related work in SG13
- Hot Topics in ITU-T right now
 - QKD and Quantum Networking
 - Time Sync
 - Digital Twins
 - Security including IPSec
 - Routing including SRv6 and Deterministic Networking
 - YANG Modeling for Optical, Ethernet, MPLS, TimeSync
- Upcoming meetings of interest and/or that will produce liaison activity before IETF 124
 - SG13: 25 July (Future Networks, QKD, AI/ML, Detnet)
 - Modeling Coordination meeting: 6 August (YANG Modeling)
 - SG12: 9-18 September (QoS)
 - SG20 15-26 September (IoT, DT)
 - SG21: 10-17 October (Multimedia)
 - SG15: 13-24 October (Transport, Access, Home)
 - SG13: 28 October - 6 November (Future Networks, QKD, AI/ML, Detnet)

IEEE (Russ Housley, IEEE802.1 Janos Farkas)

- Coordination group: <https://datatracker.ietf.org/group/ietfieee/about/>
- IESG, IAB, and IEEE 802 Executive Committee will have a joint leadership session on Saturday
 - has not happened since before COVID
- IETF is working on a response to LS (<https://datatracker.ietf.org/liaison/1985/>)
 - the I-D authors are going to use LLDP (IEEE 802.1AB) for discovery
- Active [coordination items for IEEE802.1](#)
 - 25. Layer 2/Layer 3 Interaction for Time-Sensitive Traffic
 - [IEEE 802.1 TSN TG](#)
 - [IETF DetNet WG](#)
 - [DetNet – TSN workshop](#) on July 26 afternoon
 - 27. Development of YANG models in the IEEE 802
 - [YANGsters](#)
 - 33. Capability Discovery
 - [IETF LSVR WG](#)
 - [L3DL](#) vs [LLDP](#) ([IEEE 802.1AB](#))
- IETF – IEEE 802 Coordination Team workshop on July 26 morning
 - Note: IEEE 802 Plenary is the week after IETF 123 at the same venue
 - IETF Day Pass: https://cvent.me/yLBZ9N?rt=F-ZKHS90GkS_ERezj6qCoQ

Broadband Forum (BBF) (liaison manager: Xueyan Song)

1, BBF LS on ONU large-scale management with IETF NETMOD (see <https://datatracker.ietf.org/liaison/2006/>)

- BBF raised that the large-scale management such as ONU, OLT in broadband networks is currently lacking in IETF specifications, and promote the new development of YANG template for scale management of telecom devices in IETF. IETF NETMOD WG has consensus to develop a general YANG template to address this issue.
- The progress of projects at BBF: BBF plans to develop an interim YANG template to meet the requirements from ONU large-scale management, the project WT-505 is expected to be stabilized by the end of this year. Meanwhile, BBF will continue to support the IETF's work on the development of general YANG Template and share updates of their project status with IETF NETMOD.

2, IETF NMOP LS on YANG PUSH with BBF (see <https://datatracker.ietf.org/liaison/1975/>)

- IETF NMOP's YANG PUSH work focuses on the YANG schema specification, while BBF's work focuses on the architecture and requirements of AI data collection in broadband networks.
- The LS involves collaboration between BBF WT-508 and IETF NMOP -message-broker YANG work. The personnels who have interests in this topic are currently participating the discussions of both IETF and BBF, promoting the standardization to avoid overlap or conflict.

3, BBF LS on NRM (Network Resource Management) with IETF IVY (see <https://datatracker.ietf.org/liaison/2008/>)

- The data model of BBF WT-454i2 makes reference of IETF IVY -inventory-yang related work.
- The current status of BBF WT-454i2: the data model work has completed, will wait the liaison response from IETF IVY to determine the next steps and standard release progress.

4, BBF LS on L4S with IETF TSVWG (see <https://datatracker.ietf.org/liaison/1984/>)

- BBF shared their new L4S project with IETF TSVWG.
- The current status of BBF WT-519: in progress at use case identification. They are discussing the L2 service for L4S support in broadband networks. The liaison communication may be continued.

ISO

ISO TC 46 (liaison manager: Peter Koch)

- <<https://www.iso.org/committee/48750.html>>
- Annual meeting in Delft, NL in May

- Areas of work:
 - libraries, document storage, archiving, quality, statistics
 - information retrieval, "Dublin Core", transliteration, ...

- ISO 3166 - "country codes"

Tooling/Process Update

Tools Update

- Tooling issues on GitHub: <https://github.com/ietf-tools/liaison-tooling-2025a>
- New datatracker release to address high-priority issues coming up:
 - Rights for liaison coordinator
 - Remove restrictions on “From” field for liaison managers (for uploading incoming LSs)
 - Authorized users (from other SDOs), liaison_contacts, and liaison_cc_contacts removed (these are not used and well-maintained anymore)

Updates webpage

- IAB and IETF pages have been reworked over the last 1-2 years
 - IETF webpage: <https://www.ietf.org/about/liaisons/>
 - Contains list of liaison managers and ICANN appointees
 - Gives high-level information about liaison relationships and handling liaison statements
 - IAB page: <https://www.iab.org/role/liaison-coordination/>
 - Explains the role/responsibility of the IAB in liaison coordination
 - Links to the IETF page and the datatracker (but sometimes people are confused where to find which information)
- Upcoming:
 - Add more explanation about the level of consensus and process of liaison statements (aligned with RFC4053bis)
 - Add more information on handling incoming liaisons by IETF WG chairs/ADs
 - Add (more) information about liaisons on chairs.ietf.org

We are also working on providing more training!

- Recent and ongoing training for liaison managers
- Chair training on Handling Liaison Statements will be held at the WG chairs lunch coming up next!
- Planned training for ADs

However, for any questions, please send mail to liaison-coordination@iab.org!

RFCs Update

RFC3113

- RFC3113 describing the 3GPP-IETF Standardization Collaboration was published more than 20 years ago
 - The information there is extremely out of date and not very helpful
- The IAB opted to update RFC3113 to include only high level details of the collaboration
 - Move the details to a Wiki.
 - Remove references to technology and org structure items that will become out of date quickly.
- Initial draft exists
 - <https://datatracker.ietf.org/doc/html/draft-kes-rfc3113bis>
- Reviews and comments greatly appreciated!!

RFC4052

- [draft-krishnan-iab-rfc4052bis-01](#) released in June
 - Additional consideration about the need for formal liaison relationship and clarification that liaison communication is always possible with or without a formal relationship
 - Adopted as IAB document on Sunday after community call for comments
- Open issues (see <https://github.com/intarchboard/draft-iab-rfc4052bis>)
 - IRTF and ISOC relation
 - Relation to IAB coordination support groups
 - Clarification on requirements from other SDOs

RFC4053

- [draft-kuehlewind-iab-rfc4053bis-01](#) released in June
 - -00 removed tooling details, reworked format, and added approval section from RFC4052
 - -01 new text in intro on "no special standing" and consensus as well as complete rework of section 3 (Responsibilities when Receiving a Liaison Statement), Section 4 (Recording) and 6 (Responding)
 - Adopted as IAB document on Sunday after community call for comments
- Open issues (see <https://github.com/intarchboard/draft-iab-rfc4053bis>)
 - Maybe more explanation needed about follow-up process when receiving a liaison statement
- A lot of the text has changed, please review!