

# IETF 123 IVY

25 July, 2025, Madrid

## WG Chairs:

Daniele Ceccarelli ([dceccare@cisco.com](mailto:dceccare@cisco.com))

Qiufang Ma ([maqiufang1@huawei.com](mailto:maqiufang1@huawei.com))

## Responsible AD:

Mahesh Jethanandani ([mjethanandani@gmail.com](mailto:mjethanandani@gmail.com))

**This session is being recorded**

# Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

As a reminder:

- By participating in the IETF, you agree to follow IETF processes and policies.
- If you are aware that any IETF 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.
- As a participant in or attendee to any IETF activity you acknowledge that written, audio, video, and photographic records of meetings may be made public.
- Personal information that you provide to IETF will be handled in accordance with the IETF Privacy Statement.
- 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.

Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- [BCP 9](#) (Internet Standards Process)
- [BCP 25](#) (Working Group processes)
- [BCP 25](#) (Anti-Harassment Procedures)
- [BCP 54](#) (Code of Conduct)
- [BCP 78](#) (Copyright)
- [BCP 79](#) (Patents, Participation)
- <https://www.ietf.org/privacy-policy/>(Privacy Policy)

# IETF conduct guidelines

The IESG has asked all chairs to remind their working groups of the need for appropriate behavior. This is described in more detail in BCP 54. In summary:

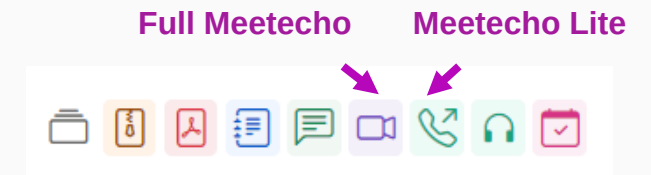
1. IETF participants extend respect and courtesy to their colleagues at all times.
2. IETF participants have impersonal discussions.
3. IETF participants devise solutions for the global Internet that meet the needs of diverse technical and operational environments.
4. Individuals are prepared to contribute to the ongoing work of the group.

# IETF 123 Meeting Tips

This session is being recorded

## In-person participants

- Make sure to sign into the session via Datatracker or the QR Code in this session.
- using the Meetecho (usually the “Meetecho lite” client) to:
  - join the mic queue
  - Participate in show of hands
- Keep audio and video off if not using the onsite version



## Remote participants

- Make sure your audio and video are off unless you are chairing or presenting during a session
- Use of a headset is strongly recommended

# Administrative

- Note Taking
  - <https://notes.ietf.org/notes-ietf-123-ivy>
  - Please help take the minutes (only discussion needs to be captured)
- Session
  - Date: March 25, 2025
  - Meeting Room: [Hidalgo](#)
  - Meeting Time: 11:30 - 13:00 (local, UTC+2), Friday
  - Duration: 90 Minutes
- IVY Meeting material
  - <https://datatracker.ietf.org/meeting/123/session/ivy/>

# Working Remote

- Utilize the mailing list!
  - Working Group consensus is determined on the mailing list
  - Mailing list is to be used for WG decision making and discussions
    - Resolving open issues
    - Reviewing changes to WG documents
    - Introducing new drafts
    - Potential new Working Group topics
- Interim meetings
  - Virtual interims can be scheduled as needed
    - Periodically, or as needed to cover a specific topic <== WG members can make requests to chairs
  - Likely to continue for some time in place of physical meetings
- Informal (working) meetings
  - WG WebEx is available <== WG members can make requests to chairs
  - These meetings will be announced on the WG list

# Agenda

1). Introduction (15 min)

Session introduction & WG status

2). A YANG Data Model for Network Inventory (45 min)

<https://datatracker.ietf.org/doc/html/draft-ietf-ivy-network-inventory-yang-07>

Discussion Leader: Italo Busi

3). A YANG Data Model for Passive Network Inventory (15 min)

<https://datatracker.ietf.org/doc/html/draft-ygb-ivy-passive-network-inventory>

Discussion Leader: Aihua Guo

4). A YANG Module for Entitlement Inventory (15 min)

<https://datatracker.ietf.org/doc/draft-mcd-ivy-entitlement-inventory>

Discussion Leader: Diego Lopez/Marisol Palmero

# IVY Working Group Status

## WG Chairs:

Daniele Ceccarelli ([dceccare@cisco.com](mailto:dceccare@cisco.com))

Qiufang Ma ([maqiufang1@huawei.com](mailto:maqiufang1@huawei.com))

## Responsible AD:

Mahesh Jethanandani([mjethanandani@gmail.com](mailto:mjethanandani@gmail.com))

**This session is being recorded**

# WG Status

- draft-ietf-ivy-network-inventory-yang: A YANG Data Model for Network Inventory
  - Work in progress, being discussed in this meeting
  - GitHub Repo: <https://github.com/ietf-ivy-wg/network-inventory-yang>
  - Design team weekly call, everyone is welcome to join the discussion!
    - Every Wednesday, 16:00~17:00 CET
    - <https://ietf.webex.com/ietf/j.php?MTID=me737445c78579095395e3ca22ec90b30>
- draft-ietf-ivy-network-inventory-topology: A Network Inventory Topology Model
  - Work in progress, not being discussed in this meeting
  - <https://github.com/ietf-ivy-wg/network-inventory-topology>
- draft-ietf-ivy-network-inventory-location: A YANG Data Model for Network Inventory Location
  - Work in progress, not being discussed in this meeting
  - <https://github.com/ietf-ivy-wg/network-inventory-location>
- draft-ietf-ivy-network-inventory-software: A YANG Data Model of Network Inventory Software Extensions
  - Work in progress, not being discussed in this meeting
  - <https://github.com/ietf-ivy-wg/network-inventory-software>

# Liaisons

- Incoming

- <https://datatracker.ietf.org/liaison/2008/>
- Title: Update on BBF-entitled project “Network Resource Model (NRM)”
- Purpose: For information
- Summary:

The Topology NRM mainly builds on/augments RFC 8345, but has also a dependency on draft-ietf-ivy-network-inventory-yang

The Inventory NRM builds on/augments the following IETF IVY WG drafts:

- draft-ietf-ivy-network-inventory-yang
- draft-ietf-ivy-network-inventory-location
- draft-ietf-ivy-network-inventory-software

We would like to ask if you have any target publication dates for the RFC drafts mentioned above.

**THANK  
YOU!**