July 24, 2025

IETF 123 NETCONF WG

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This session is being recorded

Internet Engineering Task Force
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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)

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Note Really Well

- IETF meetings, virtual meetings, and mailing lists are intended for professional collaboration and networking, as defined in the IETF Guidelines for Conduct (RFC 7154), the IETF Anti-Harassment Policy, and the IETF Anti-Harassment Procedures (RFC 7776). If you have any concerns about observed behavior, please talk to the Ombudsteam, who are available if you need confidentiality to raise concerns confident about harassment or other conduct in the IETF.
- The IETF strives to create and maintain an environment in which people of many different backgrounds and identities are treated with dignity, decency, and respect. Those who participate in the IETF are expected to behave according to professional standards and demonstrate appropriate workplace behavior.
- IETF participants must not engage in harassment while at IETF meetings, virtual meetings, social events, or on mailing lists. Harassment is unwelcome hostile or intimidating behavior—in particular, speech or behavior that is aggressive or intimidates.
- If you believe you have been harassed, notice that someone else is being harassed, or have any other concerns, you are encouraged to raise your concern in confidence with one of the Ombudspersons.

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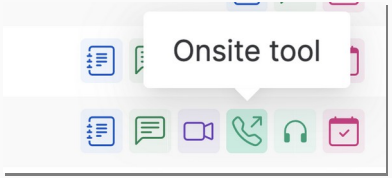
Meeting Tips

In-person participants

- Make sure to sign into the session via Datatracker or the QR Code in this session.
- Use Meetecho (usually the “Meetecho lite”) client to:
  - join the mic queue
  - participate in shows 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.

Resources for IETF 123 NETCONF WG

- Meetecho
  - Remote: https://meetings.conf.meetecho.com/ietf123/?group=netconf
  - Onsite: https://meetings.conf.meetecho.com/onsite123/?group=netconf
  - Audio only: https://meetings.conf.meetecho.com/ietf123/?group=netconf
  - You should be logged into Meetecho, whether in-person (lite version, phone icon) or remote (full version, camera icon)
  - Watch the chat window for comments (can be made a separate window)
  - Zulip link - https://zulip.ietf.org/#narrow/stream/netconf
- Timing
  - 2 hour slot
  - Countdown timer at the bottom of the screen
- Queue
  - Queue will be managed by Meetecho, whether in-room or remote
  - To queue, use the the hand symbol
  - To speak, use the microphone symbol
  - Remember to remove yourself from the queue!
- Notes
  - Please contribute to minute taking https://notes.ietf.org/notes-ietf-123-netconf

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Encouraging Participation

The IETF is a volunteer organization depending on your contribution!

There are several important actions listed below by level of engagement

- Mailing list engagement
- Commentator on the microphone
- Draft reviewer
- Draft implementer – Running code!
- Document shepherd
- Working Group Secretary

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Authors / Presenters

We request that the authors of all WG documents to provide a status update to the WG at every IETF meeting.

- Status includes:
  - - Recent changes, outstanding issues, plan to complete, etc.
- Updates are done either as:
  - - Presentation at the IETF
  - - An e-mail to the WG list, no later then Internet-Draft submission cut-off

Authors / Presenters (Cont.)

Active authors are encouraged to participate in the review of other WG documents, in order to:

- Increase WG activity / participation.
- Reciprocate effort shown by others.
- Illustrate broad understanding, interest, and thought leadership.

Be aware that the chairs are human beings that may forget, miss deadlines, etc.

- Please reach out to the chairs if you feel something has been missed.

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Status of Post WG Documents

Draft	Status
netconf-over-tls13	RFC Ed Queue (MISSREF)
port-numbers	Waiting for AD Go-Ahead
restconf-trace-ctx-headers	WG Consensus (Waiting for Write-Up)
list-pagination*	In WG Last Call
udp-client-server	Waiting for WG Chair Go-Ahead
yp-transport-capabilities	Waiting for WG Chair Go-Ahead
configuration-tracing	In WG Last Call
distributed-notif	Waiting for WG Chair Go-Ahead
trace-ctx-extension	Waiting for WG Chair Go-Ahead

(Datatracker Document Order)

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Status of Post WG Documents

Draft	Status
yang-library-augmentedby	In WG Last Call
https-notif	IESG Evaluation::Revised I-D Needed
privcand	In WG Last Call
udp-notif	WG Consensus: Waiting for Write-Up
adaptive-subscription	WG Consensus: Waiting for Write-Up
http-client-server	IESG Evaluation::AD Followup
restconf-client-server	IESG Evaluation::AD Followup
netconf-client-server	Approved-announcement to be sent::AD Followup
transaction-id	Waiting for WG Chair Go-Ahead

(Datatracker Document Order)

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Status of Current WG Documents

Draft	Status
netconf-over-quic	Work in progress. Being discussed in this meeting.
quic-client-server	Work in progress. Being discussed in this meeting.
notif-envelope	Work in progress. Being discussed in this meeting.
yang-notifications-versioning	Work In progress. Update posted to list.

Additional post WG documents discussed in this meeting

- yang-library-augmentedby
- privcand

(Datatracker Document Order)

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Agenda chartered items

NETCONF over QUIC (10 min)
https://datatracker.ietf.org/doc/html/draft-ietf-netconf-over-quic-04
Discussion Leader: Weiqiang Cheng/Jinyou Dai/Per Andersson

YANG Groupings for QUIC clients and QUIC servers (10 min)
https://datatracker.ietf.org/doc/html/draft-ietf-netconf-quic-client-server-02
Discussion Leader: Per Andersson

Extensible YANG model for YANG-Push Notifications (10 min)
https://datatracker.ietf.org/doc/html/draft-ietf-netconf-notif-envelope-02
Discussion Leader: Alex Huang Feng

NETCONF and RESTCONF Private Candidate Datastores (10 min)
https://datatracker.ietf.org/doc/html/draft-ietf-netconf-privcand-07
Discussion Leader: Robert Wills

Augmented-by Addition to the YANG Library (10 min)
https://datatracker.ietf.org/doc/html/draft-ietf-netconf-yang-library-augmentedby-07
Discussion Leader: Zhuoyau Lin

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Agenda non-chartered items

YANG Push Lite (20 min)
https://datatracker.ietf.org/doc/html/draft-wilton-netconf-yang-push-lite-00
Discussion Leader: Rob Wilton

CBOR Encoding for HTTPS-based Transport for YANG Notifications (10 min)
https://datatracker.ietf.org/doc/html/draft-chittapragada-netconf-https-notif-cbor-02
Discussion Leaders: Bharadwaja Meherrushi C, Vartika T Rao, Siddharth Bhat,
Hayyan Arshad (remote)

Open mic