IPv6 over networks of resource-constrained nodes (6lo)

IETF 123, Madrid, July 23, 2025

Chairs: Shwetha Bhandari, Carles Gomez

Responsible AD: Éric Vyncke

Minute takers: *volunteers*?

Jabber (Zulip) scribe: *volunteers*?

Online Agenda: https://datatracker.ietf.org/meeting/123/agenda

HedgeDoc: https://notes.ietf.org/notes-ietf-123-6lo

IETF 123 meeting tips

- In-person participants
  - Make sure to sign into the session using Meetecho (e.g. the “Onsite” tool) from the Datatracker agenda

  - Use Meetecho to join the queue
    - There is a single, unified queue
  - Bluesheets are automatically generated from Meetecho

- Remote participants
  - Keep your audio and video off unless you are presenting

Note Well

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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)

Agenda

[09:30] Introduction and draft status Agenda bashing; scribe; Jabber scribe	Bhandari/Gomez	10 min
[09:40] PASA and GAAO (draft-ietf-6lo-path-aware-semantic-addressing-11) (draft-ietf-6lo-nd-gaao-06)	Luigi Iannone	15 min
[09:55] SCHC-Compressed Packets over 15.4 (draft-ietf-6lo-schc-15dot4-10)	Carles Gomez	15 min
[10:10] Transm. of IPv6 packets over SR OWC (draft-ietf-6lo-owc-04)	Younghwan Choi	10 min
[10:20] IPv6 Neighbor Discovery Prefix Registration (draft-ietf-6lo-prefix-registration-15)	Pascal Thubert	10 min
[10:30] Fixing the C-Flag in EARO (draft-ietf-6lo-updating-rfc-8928-05)	Adnan Rashid	10 min

Total: 70 min

WG Drafts Status (I/II)

In RFC Editor Queue:

IPv6 ND Prefix Registration

https://datatracker.ietf.org/doc/html/draft-ietf-6lo-prefix-registration-15

Fixing the C-Flag in EARO

https://datatracker.ietf.org/doc/html/draft-ietf-6lo-updating-rfc-8928-05

WG Drafts Status (II/II)

Other WG documents:

Path-Aware Semantic Addressing (PASA) for LLNs
https://datatracker.ietf.org/doc/html/draft-ietf-6lo-path-aware-semantic-addressing-11

Generic Address Assignment Option (GAAO) for 6LoWPAN ND
https://datatracker.ietf.org/doc/html/draft-ietf-6lo-nd-gaao-06

SCHC-Compressed Packets over IEEE 802.15.4 Networks
https://datatracker.ietf.org/doc/html/draft-ietf-6lo-schc-15dot4-10

Transmission of IPv6 packets over SR Optical Wireless Communications
https://datatracker.ietf.org/doc/html/draft-ietf-6lo-owc-04