

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

IETF 122, Bangkok, March 20, 2025

Chairs: Shwetha Bhandari, Carles Gomez

Responsible AD: Éric Vyncke

Minute takers: *volunteers?*

Jabber (Zulip) scribe: *volunteers?*

Online Agenda: <https://datatracker.ietf.org/meeting/122/agenda>

HedgeDoc: <https://notes.ietf.org/notes-ietf-122-6lo>

IETF 122 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
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 - Bluesheets are automatically generated from Meetecho
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Note Well

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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)



I E T F

Agenda

[13:00] Introduction and draft status Agenda bashing; scribe; Jabber scribe	Bhandari/Gomez	10 min
[13:10] IPv6 Neighbor Discovery Prefix Registration (draft-ietf-6lo-prefix-registration-06)	Luigi Iannone (proxying Pascal)	10 min
[13:20] Path-Aware Semantic Address. for LLNs (draft-ietf-6lo-path-aware-semantic-addressing-11) Generic Addr. Ass. Option 6LoWPAN ND (draft-ietf-6lo-nd-gaao-02)	Luigi Iannone	20 min
[13:40] SCHC-Compressed Packets over 15.4 (draft-ietf-6lo-schc-15dot4-09)	Carles Gomez	15 min
[13:55] Transm. of IPv6 packets over SR OWC (draft-ietf-6lo-owc-03)	Younghwan Choi	15 min

Total: 70 min

WG Status

- Rechartered after Dublin
 - Minor updates, to reflect current state of related WGs and developments vs the original charter (2013)
- Milestones:

Date ◇	Milestone ◇	Associated documents ◇
Jul 2026	Submit document on transmission of SCHC-compressed packets over 802.15.4	draft-ietf-6lo-schc-15dot4
Nov 2025	Submit document on transmission of IPv6 packets over short-range optical wireless communication	draft-ietf-6lo-owc
Jul 2025	Submit document on adding a generic address assignment option for 6LoWPAN neighbor discovery	draft-ietf-6lo-nd-gaao
Jan 2025	Submit document on IPv6 ND prefix registration	draft-ietf-6lo-prefix-registration
Jan 2025	Submit document on Path-Aware Semantic Addressing for LLNs	draft-ietf-6lo-path-aware-semantic-addressing

WG Drafts Status

RFC 9685:

Listener Subscription for IPv6 Neighbor Discovery Multicast and Anycast Addresses

Path-Aware Semantic Addressing (PASA) for LLNs

<https://datatracker.ietf.org/doc/html/draft-ietf-6lo-path-aware-semantic-addressing-11>

IPv6 ND Prefix Registration

<https://datatracker.ietf.org/doc/html/draft-ietf-6lo-prefix-registration-06>

SCHC-Compressed Packets over IEEE 802.15.4 Networks

<https://datatracker.ietf.org/doc/html/draft-ietf-6lo-schc-15dot4-09>

Transmission of IPv6 packets over SR Optical Wireless Communications

<https://datatracker.ietf.org/doc/html/draft-ietf-6lo-owc-03>

Generic Address Assignment Option (GAAO) for 6LoWPAN ND

<https://datatracker.ietf.org/doc/html/draft-ietf-6lo-nd-gao-02>