IPv6 over networks of resource-constrained nodes (6lo)
IETF 113, Vienna, March 23, 2022

Chairs: Shwetha Bhandari, Carles Gomez
Responsible AD: Erik Kline

Minute takers: Adnan Rashid, Dominique Barthel, Michael Richardson
Jabber scribe: Michael Richardson

Online Agenda: https://datatracker.ietf.org/meeting/113/agenda
HedgeDoc: https://notes.ietf.org/notes-ietf-113-6lo
IETF 113 meeting tips

• In-person participants
  – Make sure to sign into the session using Meetecho (e.g. the “lite” client) from the Datatracker agenda
  – Use Meetecho to join the queue
    • There is a single, unified queue
    – Bluesheets are automatically generated from Meetecho

• Remote participants
  – Make your audio and video are off unless you are presenting
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)
Agenda (I/II)

[10:00] Introduction and draft status
   Bhandari/Gomez  10 min
   Agenda bashing; scribe; Jabber scribe

[10:10] Status update of IPv6 over PLC
   Paolo Volpato  10 min
   (draft-ietf-6lo-plc-10)

   Pascal Thubert  40 min
   (draft-ietf-6lo-multicast-registration-04)

   ND Unicast Lookup
   (draft-thubert-6lo-unicast-lookup-01)

   Potential use of 6LoWPAN ND outside IoT domain
   (draft-thubert-bess-secure-evpn-mac-signaling-03)

   Prefix registration: applications, impact vs RFC 8505
   (no draft yet)
Agenda (II/II)

[11:00] SCHC-compressed Packets over 15.4  
(draft-gomez-6lo-schc-15dot4-02)  
Carles Gomez  10 min

[11:20] Native Short Address for LLN Expansion  
(draft-li-6lo-native-short-address-02)  
Luigi Iannone  15 min

[11:35] Demo: Native Short Address for LLN [...]  
(draft-li-6lo-native-short-address-02)  
Guangpeng Li  5 min

Total: 100 min
WG Drafts Status

RFC 9159: IPv6 Mesh over BLE Links

IPv6 over NFC (IESG Evaluation, stuck for long time; next steps?)

IPv6 over PLC (IESG Evaluation)

6lo Use Cases (AD evaluation)
https://tools.ietf.org/html/draft-ietf-6lo-use-cases-12

IPv6 ND Multicast Address Listener Registration