

IPv6 over networks of resource- constrained nodes (6lo) IETF 101, London, March 22, 2018

Chairs: Samita Chakrabarti, Gabriel Montenegro

Responsible AD: Suresh Krishnan

Minute takers: Dominique Barthel

Jabber Scribe: ?

Online Agenda: <https://datatracker.ietf.org/meeting/101/agenda/>

Jabber Room: 6lo@jabber.ietf.org

Meetecho: <http://www.meetecho.com/ietf101/6lo>

Etherpad: <http://etherpad.tools.ietf.org/p/notes-ietf-101-6lo>

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Agenda: <https://datatracker.ietf.org/meeting/101/agenda/6lo/>

Introduction and draft status Agenda bashing; blue sheets; scribe; Jabber scribe	Montenegro/Chakrabarti	10 min
An Update to 6LoWPAN ND IESG Review https://tools.ietf.org/html/draft-ietf-6lo-rfc6775-update-14	Pascal Thubert	15 min
Discuss updates on RUID size etc. https://tools.ietf.org/html/draft-ietf-6lo-ap-nd-06	Pascal Thubert	10 min
WGLC Prep update https://tools.ietf.org/html/draft-ietf-6lo-backbone-router-06	Pascal Thubert	05 min
WGLC Status Update https://tools.ietf.org/html/draft-ietf-6lo-nfc-09	Younghwan Choi	10 min
Update on 6LoWPAN Routing header lifetime https://tools.ietf.org/html/draft-ietf-6lo-deadline-time	Charlie Perkins	10 min
6lo Applicability and Use Cases https://tools.ietf.org/html/draft-ietf-6lo-use-cases-04	Yong-Geun Hong	10 min

Agenda (cont): <https://datatracker.ietf.org/meeting/101/agenda/6lo/>

Fragmentation Design Team Report and drafts

DT Goal, overview and progress	Thomas Watteyne	10 min
http://tools.ietf.org/html/draft-watteyne-6lo-minimal-fragment	Carsten Bormann	10 min
https://tools.ietf.org/html/draft-thubert-6lo-forwarding-recovery	Pascal Thubert	10 min
Information sharing to 6lo WG:		
https://tools.ietf.org/html/draft-thubert-roll-unaware-leaves-03	Pascal Thubert	05 min
IETF Hackathon & Plugtest	Alain Rebault	05 min

WG Draft Status since IETF 100

- <https://datatracker.ietf.org/doc/html/draft-ietf-6lo-rfc6775-update>
(IESG Reviews addressed)
- <https://tools.ietf.org/html/draft-ietf-6lo-backbone-router>
(Prepared for WGLC)
- <https://tools.ietf.org/html/draft-ietf-6lo-ap-nd> (In progress)
- [draft-ietf-6lo-nfc](#) (WGLC)
- <https://tools.ietf.org/html/draft-ietf-6lo-blemesh-02> _
(Implementation in progress, status was updated in mailing list)
- <https://datatracker.ietf.org/doc/html/draft-ietf-6lo-use-cases>
(In progress)
- <https://datatracker.ietf.org/doc/html/draft-ietf-6lo-deadline-time>
(In progress)
- <https://datatracker.ietf.org/doc/html/draft-hou-6lo-plc>
(The draft-03 has been updated based on feedbacks from IETF100 and IEEE PLC standard. Also it was discussed at ITU-T SG-15/Q15 as per Jianquiang Hou, draft-author)

6lo Fragmentation DT update

- Design team members are:

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Thomas Watteyne [thomas.watteyne@inria.fr](mailto: thomas.watteyne@inria.fr) (DT Lead)

Gabriel Montenegro & Samita Chakrabarti (as WG-chair observers)

- DT made progress in isolating implementation issues, a simple implementation technique to avoid fragmentation packet loss and a overall protocol solution for higher reliability

Other items to discuss...

- Ideas for maintaining 6lo information page and promoting 6lo
 - Carsten Bormann has suggestions, others ?
- Recent t2trg side meeting discussed a research result about protocol interaction issues that can cause packet loss spike and unstable behavior in wireless networks –perhaps some impact in 6lowpan stack protocol performance :contact laura.marie.feeney@it.uu.se
- 6lo Plugtest (Testcases, currently supporting IEEE 15.4; NFC, BTLE in plan)
 - Contact: Alain Ribault alain.rebault@kereval.com
 - 6lo Test cases: <http://doc.f-interop.eu/interop/#test-description>
 - IETF Hackathon ?