IPv6 over networks of resource-constrained nodes (6lo)
IETF 91, Honolulu, November, 11 2014
Kahili : 9am – 11:30am

Chairs: Samita Chakrabarti, Ralph Droms
Online Agenda:
https://datatracker.ietf.org/meeting/91/agenda/6lo/
Charter: http://datatracker.ietf.org/doc/charter-ietf-6lo/
Mailing list: https://www.ietf.org/mailman/listinfo/6lo

Note Well

Any submission to the IETF intended by the Contributor for publication as all or part of an IETF Internet-Draft or RFC and **any statement made within the context of an IETF activity is considered an "IETF Contribution".** Such statements include oral statements in IETF sessions, as well as written and electronic communications made at any time or place, which are addressed to:

• The IETF plenary session
• The IESG, or any member thereof on behalf of the IESG
• Any IETF mailing list, including the IETF list itself, any working group or design team list, or any other list functioning under IETF auspices
• Any IETF working group or portion thereof
• Any Birds of a Feather (BOF) session
• The IAB or any member thereof on behalf of the IAB
• The RFC Editor or the Internet-Drafts function

All IETF Contributions are subject to the rules of **RFC 5378** and **RFC 3979** (updated by **RFC 4879**).

Statements made outside of an IETF session, mailing list or other function, that are clearly not intended to be input to an IETF activity, group or function, are not IETF Contributions in the context of this notice. Please consult RFC 5378 and RFC 3979 for details.

A participant in any IETF activity is deemed to accept all IETF rules of process, as documented in Best Current Practices RFCs and IESG Statements.

A participant in any IETF activity acknowledges that written, audio and video records of meetings may be made and may be available to the public.

6lo Introduction

- Co-chairs: Ralph Droms and Samita Chakrabarti
- Technical Advisor: Ralph Droms
- Responsible Area Director: Brian Haberman

Today's meeting@IETF91:

- Jabber Room: **6lo@jabber.ietf.org**
- Instructions how to join on Jabber: https://www.ietf.org/jabber
- Minutes Taker: Marcus Isomaki, Rene Struik
- Jabber Scriber: Ines Robles and Alexander Petrescu
- Audio stream: http://ietf90streaming.dnsalias.net/ietf/ietf908.m3u

A Friendly Reminder

PLEASE, REMEMBER THE REMOTE PARTICIPANTS.....

- Speak/comment/questions using the microphones
- State your name before speaking

Agenda

- Greetings and Welcome to 6lo WG Meeting@IETF91, Honolulu
- Agenda bashing + note well + draft status update - chairs (10 min)
- draft-thubert-6lo-rpl-nhc-02 by P. Thubert and C. Boremann (30min)
- draft-thubert-6lo-rfc6775-update-reqs update by P. Thubert (20min)
- draft-hong-6lo-ipv6-over-nfc-02 update by Y. Hong (15 min)
- draft-rizzo-6lo-6legacy-02 update by G. Rizzo (15min)
- draft-ietf-6man-default-iids-01 update by F. Gont (20 min)
- draft-sarikaya-6lo-cga-nd-01 update by B.Sarikaya (15min)
- draft-struik-6lo-on-ipv6-addressing by R. Struik (15 min)
- Constrained Cast (RPL) by C. Boremann (5min)

- Open Discussions (5 -10 min)

Draft Status (Since IETF90…)

- Submitted for IESG review:
    - draft-ietf-6lo-lowpan-mib-01 → RFC 7388
    - draft-ietf-6lo-ghc-03 → RFC 7400 [soon]
    - draft-ietf-6lo-lowpanz-05 → APPROVED [RFC editor Queue]
- Other WG documents
    - draft-ietf-6lo-btle-02
        - [Waiting on corresponding BT-SIG work which is in progress]
    - draft-ietf-6lo-6lobac-00
        - Waiting on Frame Type assignment from ASHRE
        - Kerry Lynn is working with BACNET Committee
    - draft-ietf-6lo-dect-ule-00
        - A few discussions on the list ; No updates planned
        - WG Last Call soon

Related individual Drafts

IPv6-over-foo

- draft-popa-6lo-6loplc-ipv6-over-ieee19012-networks-00.txt [Expired]
- draft-hong-6lo-ipv6-over-nfc-02.txt [Adoption call soon]

6LoWPAN Enhancements

- draft-thubert-6lo-forwarding-fragments-01[Expired]
- draft-thubert-6lo-rfc6775-update-reqs-01
- draft-toutain-6lo-local-extensions-00.txt

6lo Security

- draft-raza-6lo-ipsec-00 [expired]
- draft-sarikaya-6lo-cga-nd-01

Other related documents

- draft-rizzo-6lo-6legacy-00
- draft-savolainen-6lo-optimal-transmission-window-00 [Expiring soon]
- draft-bormann-6lo-6lowpan-roadmap-00 [Expired]

WG Milestones/Plans

Done   IESG Submission of draft-ietf-6lo-ghc

Done   IESG Submission of draft-ietf-6lo-lowpanz

Done   IESG Submission of draft-ietf-6lo-lowpan-mib

TBD   WG LC for draft-6lo-btle-03

TBD   WG last call for draft-ietf-6lo-6lobac

Dec 2014 WG LC for draft-ietf-6lo-dect-ule

Dec 2014 WG adoption call for draft-thubert-6lo-rpl-nfc

Dec 2014 WG adoption call for draft-thubert-6lo-rfc6775-update-reqs

Dec 2014 WG adoption call for draft-hong-6lo-ipv6-over-nfc

Apr 2015 WG adoption call for 6lo security related drafts

              draft-sarikaya-6lo-cga-nd

              Other 6lo related security documents

6lo Plugfest Proposal

- ETSI 6lo plugfest proposal
  - Based on initial 6lowpan Test Plan

- Anyone in WG interested in participating?
- Any suggestions on 6lo Interop test plan?

- Contact: Miguel Angel Reina Ortega
  MiguelAngel.ReinaOrtega@etsi.org