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

IETF 88, Vancouver, November 2013

Chairs: Samita Chakrabarti, Ulrich Herberg
Online Agenda:
https://datatracker.ietf.org/meeting/88/agenda/6lo/
Charter: http://datatracker.ietf.org/doc/charter-ietf-6lo/
Mailing list: https://www.ietf.org/mailman/listinfo/6lo

Note Well

This summary is only meant to point you in the right direction, and doesn't have all the nuances. The IETF's IPR Policy is set forth in BCP 79; please read it carefully.

The brief summary:

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For further information, talk to a chair, ask an Area Director, or review the following:

BCP 9 (on the Internet Standards Process)

BCP 25 (on the Working Group processes)

BCP 78 (on the IETF Trust)

BCP 79 (on Intellectual Property Rights in the IETF)

6lo Introduction

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

Today's meeting@IETF88:

- Jabber Room: **6lo@jabber.ietf.org**
- Instructions how to join on Jabber: https://www.ietf.org/jabber
- Minutes Taker: Timothy J. Salo, Ralph Droms
- Audio stream: http://ietf88streaming.dnsalias.net/ietf/ietf885.m3u

Remote Participants

PLEASE, REMEMBER THE REMOTE PARTICIPANTS.....

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

Agenda

- 16:10 – 16:15   agenda bashing + note well: chairs [5]

- 16:15 – 16:35   WG introduction / charter and milestone overview: chairs [20]

- 16:35 – 16:50   draft-brandt-6man-lowpanz: Carsten Bormann [15]

- 16:50 – 17:05   draft-ietf-6man-6lobac: Kerry Lynn [15]

- 17:05 – 17:15   draft-mariager-6lowpan-v6over-dect-ule: Zach Shelby [10]

- 17:15 – 17:30   draft-bormann-6lo-ghc: Carsten Bormann [15]

- 17:30 – 17:45   draft-schoenw-6lo-lowpan-mib : Jürgen Schönwalder [15]

- 17:45 – 18:00   draft-thubert-6lo-forwarding-fragments: Pascal Thubert [15]

- 18:00 – 18:25   Milestones discussion: chairs [25]

Charter (Extract)

6lo focuses on the work that facilitates IPv6 connectivity over constrained node networks*:

1. *IPv6-over-foo adaptation layer specifications using 6LoWPAN technologies (RFC4944, RFC6282, RFC6775)* for link layer technologies of interest in constrained node networks

2. Information and data models (e.g., MIB modules) for these adaptation layers for basic monitoring and troubleshooting.

3. Specifications, such as low-complexity header compression, that are applicable to more than one adaptation layer specification

4. Maintenance and informational documents required for the existing IETF specifications in this space.

Charter (Extract)

Scope:

- No larger cross-layer efforts (such as the 6TSCH work)
- Continue to reuse existing protocols and mechanisms whenever reasonable and possible.
- Security and management work that is not specific to the link layers being worked on is out of scope
- Routing is out of scope

Milestones Overview

Dec 2013 WG decision on adoption for draft-bormann-6lo-ghc

Dec 2013 WG decision on adoption for draft-brandt-6man-lowpanz

Dec 2013 WG decision on adoption for draft-ietf-6man-6lobac

Dec 2013 WG decision on adoption for draft-schoenw-6lo-lowpan-mib

Mar 2014 WG decision on adoption of draft-bormann-6lo-6lowpan-roadmap

Mar 2014 WG decision on adoption of draft-mariager-6lowpan-v6over-dect-ule

Mar 2014 WG decision on adoption of draft-thubert-6lo-forwarding-fragments

Jul 2014   First draft of a generic guideline on IPv6-over-foo

Jul 2014   6lo document on information model and Data model – First draft;
use draft-schoenw-6lo-mib as a starting point