IPv6 over networks of resource-constrained nodes (6lo)
IETF 92, Dallas, March, 24 2015
International : 3:20pm – 5:20pm

Chairs: Samita Chakrabarti, Gabriel Montenegro
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: Gabriel Montenegro and Samita Chakrabarti
- Technical Advisor: Ralph Droms
- Responsible Area Director: Brian Haberman
- Secretary: James Woodyatt

Today's meeting@IETF92:

- Jabber Room: **6lo@jabber.ietf.org**
- Instructions how to join on Jabber: https://www.ietf.org/jabber
- Minutes Taker: Dominique Barthel
- Jabber Scriber:
- Audio stream: http://www.ietf.org/meeting/92/remote-participation.html#audio

Agenda

Introduction and draft status   Chakrabarti/Montenegro   10 minutes

Transmission of IPv6 Packets over Near Field Communication   Yong-Geun Hong   10 minutes

Transmission of IPv6 over MS/TP Networks   Kerry Lynn   10 minutes

Enabling Security/Privacy addressing on 6LoWPAN technologies   Dave Thaler   10 minutes

RFC6775 Update requirements for 6lowpan-ND   Pascal Thubert   10 minutes

Lightweight and Secure ND for Low-power and Lossy Networks   Thubert/Sarikaya   10 minutes

IP Multicast Technologies for state synchronization in RPL Networks Carsten Bormann   5 minutes

RPL compression mechanism Discussion from Roll Interim   Michael Richardson   20 minutes

  draft-thubert-6lo-rpl-nhc-02 and draft-thubert-6lo-routing-dispatch-03

ETSI Plugfest for 6lo implementations   Miguel Angel Reina Ortega   7 minutes

New Security Drafts Introduction

An Extension to MLE for HIP DEX   Yoshi Ohba   7 minutes

Security Bootstrapping over IEEE 802.15.4 in Selective order   Sandeep Kumar   7 minutes

Analysis of IOT Bootstrapping mechanisms   Ana Hedanping   7 minutes

Draft Status (Since IETF92)

- RFC Publications:
  - draft-ietf-6lo-ghc-03 → RFC 7400
  - draft-ietf-6lo-lowpanz-05 → RFC 7428
- LC completed and Submitted to IESG
  - draft-ietf-6lo-btle-010
    - AD evaluation phase
- Other WG documents
  - draft-ietf-6lo-6lobac-01
  - draft-ietf-6lo-dect-ule-01
    - Update expected
    - WG Last Call soon
  - Draft-ietf-6lo-nfc-00 [Adoption completed]

Some Highlights for 6lo WG

- 6lo Security Discussions
  - Thursday 7pm – 8pm
  - Meet@IETF Registration desk at 6:45pm

- ETSI 6lo plugfest proposal
  - MiguelAngel.ReinaOrtega@etsi.org

- RFC6775 Update Requirements

- 6lo Privacy Draft