LPWAN WG

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Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

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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)
Reminder:

Minutes are taken *
This meeting is recorded **
Presence is logged

Scribe; please contribute online to the minutes at: https://etherpad.ietf.org/p/notes-ietf-106-lpwan?useMonospaceFont=true

** Recordings and Minutes are public and may be subject to discovery in the event of litigation.
Minute takers, jabber scribes

- **Minutes**
  - Minute takers volunteers?

- **Remote participation**
  - Jabber: lpwan@jabber.ietf.org
    - Jabber scribe volunteers?

- **Mailing list:** lp-wan@ietf.org
  - To subscribe: [https://www.ietf.org/mailman/listinfo/lp-wan](https://www.ietf.org/mailman/listinfo/lp-wan)

- **Meeting materials:** [https://datatracker.ietf.org/meeting/106/session/lpwan](https://datatracker.ietf.org/meeting/106/session/lpwan)
Agenda bashing

15:20 Opening, agenda bashing (Chairs)
  • Note-Well, Scribes, Agenda Bashing
  • Status of drafts
  • Presenters: The Chairs

15:30 Hackathon 106
  • Presenter: Dominique Barthel
  • Goal: news on implementations

15:35 draft-ietf-lpwan-ipv6-static-context-hc
  • Presenters: Dominique Barthel
  • Goal: changes and status

15:55 draft-ietf-lpwan-schc-over-sigfox
  • Presenter: Juan-Carlos Zuniga
  • Goal: updates
Agenda bashing (cont.)

16:05  draft-ietf-lpwan-ipv6-schc-over-lorawan  15mn
   • Presenter: Olivier Gimenez
   • Goal: updates

16:20  draft-ietf-lpwan-schc-yang-data-model  10mn
   • Presenter: Laurent Toutain
   • Goal: updates

16:30  draft-ietf-lpwan-coap-static-context-hc  10mn
   • Presenter: Laurent Toutain
   • Goal: updates

16:40  draft-barthel-lpwan-oam-schc  10mn
   • Presenter: Dominique Barthel
   • Goal: updates

16:50  • AOB, Adjourn  QS
Status

WG formed October 14\textsuperscript{th}, 2016

- Charter item #1 (Informational document)
  - Baseline technology description

- Charter item #2 (Standards track document)
  - Enable the compression and fragmentation of a CoAP/UDP/IPv6 packet over LPWA networks
### Milestones

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<tr>
<th>Date</th>
<th>Milestone</th>
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<tr>
<td><img src="https://example.com/done-icon.png" alt="Done" /></td>
<td>Submit CoAP compression mechanism to the IESG for publication as a Proposed Standard</td>
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All set to recharter...

1. SCHC Maintenance, including new bar-over-SCHC Standard Track documents. Produce a Standards Track document to enable the compression and fragmentation of a CoAP messages over LPWA networks. This will be achieved through stateful mechanisms, for a relevant subset of the possible CoAP interactions (TBD as part of the work).

2. Produce a Standards Track document to define the generic data models to formalize the compression and fragmentation contexts.

3. Produce Standard Track documents to apply SCHC IPv6/UDP over the baseline technologies.

4. Produce a Standards Track document to enable operations, administration and maintenance (OAM) to the LPWAN device, including support for delayed or proxyed liveliness verification (Ping).