LPWAN WG

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AD: Suresh Krishnan
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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.

As a reminder:

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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: http://etherpad.tools.ietf.org:9000/p/notes-ietf-103-lpwan
** Recordings and Minutes are public and may be subject to discovery in the event of litigation.
*** From the Webex login
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/103/materials.html/-lpwan](https://datatracker.ietf.org/meeting/103/materials.html/-lpwan)
Agenda bashing

09:00 Opening, agenda bashing (Chairs)
  • Note-Well, Scribes, Agenda Bashing
  • Status of drafts (WGLC / forthcoming WGLC)
  • Presenters: The Chairs

09:10 draft-ietf-lpwan-ipv6-static-context-hc-17
  • Presenters: Dominique Barthel, Laurent Toutain
  • Goal: relaunch WGLC

09:55 draft-zuniga-lpwan-schc-over-sigfox-04
  • Presenter: Juan-Carlos Zuniga
  • Goal: draft update and discussion about ACK-on-Error mode, call for adoption

10:05 draft-petrov-lpwan-ipv6-schc-over-lorawan-02
  • Presenter: Ivaylo Petrov
  • Goal: present advancement, call for adoption
Agenda bashing (cont.)

10:15  draft-authors-lpwan-schc-802154
  • Presenter: Charlie Perkins
  • Goal: advancement of the draft

10:20  Rechartering
  • Discussion lead by the Chairs

10:55  AOB
  • (Charlie Perkins on IEEE)
Status

WG formed October 14\textsuperscript{th}, 2016

- Charter item #1 \textit{(Informational document)}
  - Baseline technology description

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

Dec 2016: Adopted LPWAN Overview, IPv6/UDP SCHC, CoAP SCHC
Mar 2017: IETF98
July 2017: IETF99
Nov 2017: IETF100
Mar 2018: IETF101
July 2018: IETF102
Nov 2018: IETF103
Milestones

Dec 2016
Adopted LPWAN Overview, IPv6/UDP SCHC, CoAP SCHC

Mar 2017
IETF98

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Nov 2018
IETF103

Hackathon
Hackathon
Hackathon
Hackathon
Hackathon
Milestones

---|---|---|---|---|---|---
IETF98 | IETF99 | IETF100 | IETF101 | IETF102 | IETF103

Adopted LPWAN Overview, IPv6/UDP SCHC, CoAP SCHC

RFC 8376 LPWAN Overview

- 6 interim meetings
- 6 interim meetings
- 5 interim meetings
- 5 interim meetings
- 5 interim meetings

LPWAN@IETF103
### Milestones

<table>
<thead>
<tr>
<th>Month</th>
<th>Year</th>
<th>Event Description</th>
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<td>Dec 2016</td>
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<td>Adopted LPWAN</td>
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<tr>
<td></td>
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<td>Overview, IPv6/UDP</td>
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<td>SCHC, CoAP SCHC</td>
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### WGLC Milestones

- **IP/UDP:**
  - Success on Compression
  - Fragmentation
  - WGLC on SCHC IP/UDP

- 6 interim meetings
  - 6 meetings
  - 5 interim meetings
  - 5 interim meetings