IETF 113 LPWAN WG
22 March 2022

WG Chairs: Alexander Pelov a@ackl.io
Pascal Thubert pthubert@cisco.com

Responsible AD: Eric Vyncke evyncke@cisco.com

This session is being recorded
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:

- By participating in the IETF, you agree to follow IETF processes and policies.
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- Personal information that you provide to IETF will be handled in accordance with the IETF Privacy Statement.
- As a participant or attendee, you agree to work respectfully with other participants; please contact the ombudsteam ([https://www.ietf.org/contact/ombudsteam/](https://www.ietf.org/contact/ombudsteam/)) if you have questions or concerns about this.

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/](https://www.ietf.org/privacy-policy/) (Privacy Policy)
IETF 113 Meeting Tips

In-person participants

- Make sure to sign into the session using the Meetecho (usually the “onsite tool” client) from the Datatracker agenda.
- Use Meetecho to join the mic queue.
- Keep audio and video off if not using the onsite version.

Remote participants

- Make sure your audio and video are off unless you are chairing or presenting during a session.
- Use of a headset is strongly recommended.

Youngest participant

Welcome Theodore!
Resources for IETF 113 Vienna

- Agenda
  [https://datatracker.ietf.org/meeting/agenda](https://datatracker.ietf.org/meeting/agenda)
- Meetecho and other information:
  [https://www.ietf.org/how/meetings/113/preparation](https://www.ietf.org/how/meetings/113/preparation)
- If you need technical assistance, see the Reporting Issues page:
Minute takers, jabber scribes

- **Minutes**
  - Minute takers volunteers?

- **Remote participation**
  - Meetecho: [https://meetings.conf.meetecho.com/ietf13/?group=lpwan&short=&item=1](https://meetings.conf.meetecho.com/ietf13/?group=lpwan&short=&item=1)

- **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/113/agenda/lpwan-drafts.pdf](https://datatracker.ietf.org/meeting/113/agenda/lpwan-drafts.pdf)
Agenda bashing

[13:00] Administrivia
Note-Well, Scribes, Agenda Bashing
WG / drafts Status

[13:05] LPWAN Architecture and general newcomer presentation
Associated drafts: draft-ietf-lpwan-architecture
Presenter: Alexander Pelov

[13:05] Compound Ack Path to Publication
Associated drafts: draft-ietf-lpwan-schc-compound-ack
Presenter: Juan Carlos Zuniga

[13:10] Yang Data Model for SCHC (Hackathon + WGLC)
Associated drafts: draft-ietf-lpwan-schc-yang-data-model
Presenter: Laurent Toutain
Agenda bashing

- **[13:20]** Status of SCHC-over-SigFox
  - Associated drafts: draft-ietf-lpwan-schc-over-sigfox
  - Presenter: Diego Wistuba [5min]

- **[13:25]** Status of SCHC-over-NBIOT
  - Associated drafts: draft-ietf-lpwan-schc-over-nbiot
  - Presenter: Ana Minaburo [10min]

- **[13:35]** SCHC applied to IEEE 802.15.4
  - Associated drafts: draft-gomez-6lo-schc-15dot4
  - Differences between device and app roles, how to do P2P
  - Presenter: Carles Gomez [15min]

- **[13:50]** Mesh Rules
  - Presenter: Laurent Toutain [QS]
# WG Status

## Milestones

<table>
<thead>
<tr>
<th>Date</th>
<th>Milestone</th>
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<tr>
<td>Feb 2022</td>
<td>Produce a Standards Track document for SCHC over NBIOT</td>
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<tr>
<td></td>
<td><a href="http://example.com">draft-ietf-lpwan-schc-over-nbiot</a></td>
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<td>Feb 2022</td>
<td>Produce a Standards Track document to enable operations, administration</td>
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<td></td>
<td>and maintenance (OAM) to the LPWAN device, including support for delayed</td>
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<td>or proxied liveness verification (Ping)</td>
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<td>Oct 2021</td>
<td>Produce a Standards Track document for SCHC over SigFox</td>
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<td><a href="http://example.com">draft-ietf-lpwan-schc-over-sigfox</a></td>
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<td>Feb 2021</td>
<td>Produce a Standards Track document to define the generic data models to</td>
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<td>formalize the compression and fragmentation contexts for LPWANs</td>
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<td>Dec 2020</td>
<td>Produce Standard Track documents to apply SCHC IPv6/UDP over the baseline</td>
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<tr>
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<td>May 2020</td>
<td>Perform SCHC Maintenance, including enabling SCHC mechanisms for Upper</td>
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<td>layer Protocols</td>
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### Active Internet-Drafts (5 hits)

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<th>Title</th>
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<th>Status</th>
<th>Pages</th>
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<td>draft-ietf-lpwan-architecture-01</td>
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<td>I-D Exists</td>
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<td>WG Document: Informational</td>
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<td>SCHC Compound ACK</td>
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<td>SCHC over NB-IoT</td>
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<td>WG Document: Proposed Standard</td>
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<td>In WG Last Call: Proposed Standard Reviews: yangdoctors</td>
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<td>Data Model for Static Context Header Compression (SCHC)</td>
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Note: SCHC over PPP work stalled @ intarea WG