

# LPWAN WG

WG Chairs:

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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:

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[BCP 25](#) (Working Group processes)

[BCP 25](#) (Anti-Harassment Procedures)

[BCP 54](#) (Code of Conduct)

[BCP 78](#) (Copyright)

[BCP 79](#) (Patents, Participation)

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## Reminder:

Minutes are taken \*

This meeting is recorded \*\*

Presence is logged \*\*\*

- \* All: Please contribute online to the minutes at: <https://codimd.ietf.org/notes-ietf-110-lpwan>
- \*\* Recordings and Minutes are public and may be subject to discovery in the event of litigation
- \*\*\* Based on Meetecho Attendance Record. You can log once and only once to each session.

# Minute takers, jabber scribes



- Minutes
  - CodiMD: <https://codimd.ietf.org/notes-ietf-110-lpwan>
  - Minute takers volunteers?
- Remote participation
  - Meetecho: <https://meetings.conf.meetecho.com/ietf110/?group=lpwan&short=&item=1>
  - Jabber: [lpwan@jabber.ietf.org](mailto:lpwan@jabber.ietf.org)
    - Jabber scribe volunteers?
- Mailing list: [lp-wan@ietf.org](mailto:lp-wan@ietf.org)
  - To subscribe: <https://www.ietf.org/mailman/listinfo/lp-wan>
- Meeting materials: <https://datatracker.ietf.org/meeting/110/session/lpwan>

# Agenda bashing

15:30 (UTC)	Opening, agenda bashing (Chairs) <ul style="list-style-type: none"><li>• Note-Well, Scribes, Agenda Bashing</li><li>• Status of drafts</li><li>• Presenters: The Chairs</li></ul>	5mn
15:35	LPWAN Architecture and general newcomer presentation <ul style="list-style-type: none"><li>• Presenter: Alexander Pelov</li><li>• Associated drafts: draft-pelov-lpwan-architecture</li></ul>	15mn
15:50	Yang Data Model for SCHC <ul style="list-style-type: none"><li>• Presenter: Laurent Toutain</li><li>• Associated drafts: draft-ietf-lpwan-schc-yang-data-model</li></ul>	10mn
16:00	New ideas for SCHC-over-SigFox <ul style="list-style-type: none"><li>• Presenters: Juan Carlos Zuniga / Sergio Aguilar</li><li>• Associated drafts: draft-ietf-lpwan-schc-over-sigfox</li></ul>	15mn

# Agenda bashing (cont.)

- |       |  |     |
|-------|--|-----|
| 16:15 | CoAP-over-SCHC   | 5mn |
|       | <ul style="list-style-type: none"><li>• Presenter: Ana Minaburo</li><li>• Associated drafts: draft-ietf-lpwan-coap-static-context-hc</li></ul> |     |
| 16:20 | SCHC-over-PPP  | 5mn |
|       | <ul style="list-style-type: none"><li>• Presenters: Pascal Thubert</li><li>• Associated drafts: draft-thubert-intarea-schc-over-ppp</li></ul>  |     |
| 16:25 | AOB  | 5mn |
| 16:30 | Meetecho ends  |     |

# WG Status

Date	Milestone	↕
Feb 2022	Produce a Standards Track document for SCHC over NB-IoT <a href="#">draft-ietf-lpwan-schc-over-nbiot</a>	
Oct 2021	Produce a Standards Track document for SCHC over SigFox <a href="#">draft-ietf-lpwan-schc-over-sigfox</a>	
Jul 2021	Produce a Standards Track document to enable operations, administration and maintenance (OAM) to the LPWAN device, including support for delayed or proxied liveness verification (Ping)	
Feb 2021	Produce a Standards Track document to define the generic data models to formalize the compression and fragmentation contexts for LPWANs	
Dec 2020	Produce Standard Track documents to apply SCHC IPv6/UDP over the baseline technologies	
May 2020	Perform SCHC Maintenance, including enabling SCHC mechanisms for Upper layer Protocols	

# Document's advancement

<a href="#">draft-ietf-lpwan-coap-static-context-hc-19</a> LPWAN Static Context Header Compression (SCHC) for CoAP	2021-05-08 34 pages	RFC Ed Queue : <b>EDIT</b> for 2 days Submitted to IESG for Publication: Proposed Standard Reviews: genart, iotdir, opsdir, secdir, tsvalt	Éric Vyncke Pascal Thubert
<a href="#">draft-ietf-lpwan-schc-over-lorawan-14</a> Static Context Header Compression (SCHC) over LoRaWAN	2021-01-25 28 pages	RFC Ed Queue <b>RFC-EDITOR</b> for 44 days Submitted to IESG for Publication: Proposed Standard Reviews: genart, iotdir, opsdir, secdir, tsvalt	1 Éric Vyncke Dominique Barthel
<a href="#">draft-ietf-lpwan-schc-over-nbiot-04</a> SCHC over NB-IoT	2021-01-19 22 pages	<b>EDIT</b> = Awaiting editing or being edited <b>RFC-EDITOR</b> = Undergoing final internal review before AUTH48	
<a href="#">draft-ietf-lpwan-schc-over-sigfox-05</a> SCHC over Sigfox LPWAN	2021-02-22 23 pages	I-D Exists WG Document Oct 2021	Éric Vyncke
<a href="#">draft-ietf-lpwan-schc-yang-data-model-04</a> Data Model for Static Context Header Compression (SCHC)	2021-02-02 42 pages	I-D Exists WG Document Reviews: yangdoctors	Éric Vyncke

## RFCs (2 hits)

<a href="#">RFC 8376 (was draft-ietf-lpwan-overview)</a> Low-Power Wide Area Network (LPWAN) Overview	2018-05 43 pages	Informational RFC	Suresh Krishnan Alexander Pelov
<a href="#">RFC 8724 (was draft-ietf-lpwan-ipv6-static-context-hc)</a> SCHC: Generic Framework for Static Context Header Compression and Fragmentation	2020-04 71 pages	Proposed Standard RFC	Suresh Krishnan Pascal Thubert

## Document

↕ Date

↕ Status

↕ IPR

↕ AD / Shepherd

## Related Internet-Drafts (2 hits)

<a href="#">draft-barthel-lpwan-oam-schc-02</a> OAM for LPWAN using Static Context Header Compression (SCHC)	2020-11-02 14 pages	I-D Exists	
<a href="#">draft-pelov-lpwan-architecture-00</a> Static Context Header Compression (SCHC) Architecture	2021-01-19 6 pages	I-D Exists	