

LPWAN WG

WG Chairs:

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AD: Eric Vyncke

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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:

- By participating in the IETF, you agree to follow IETF processes and policies.
- If you are aware that any IETF contribution is covered by patents or patent applications that are owned or controlled by you or your sponsor, you must disclose that fact, or not participate in the discussion.
- As a participant in or attendee to any IETF activity you acknowledge that written, audio, video, and photographic records of meetings may be made public.
- 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/>) if you have questions or concerns about this.

Note Super Well

IETF meetings, virtual meetings, and mailing lists are intended for professional collaboration and networking, as defined in the IETF Guidelines for Conduct (RFC 7154), the IETF Anti-Harassment Policy, and the IETF Anti-Harassment Procedures (RFC 7776). If you have any concerns about observed behavior, please talk to the Ombudsteam, who are available if you need to confidentially raise concerns about harassment or other conduct in the IETF.

The IETF strives to create and maintain an environment in which people of many different backgrounds are treated with dignity, decency, and respect. Those who participate in the IETF are expected to behave according to professional standards and demonstrate appropriate workplace behavior.

IETF participants must not engage in harassment while at IETF meetings, virtual meetings, social events, or on mailing lists. Harassment is unwelcome hostile or intimidating behavior -- in particular, speech or behavior that is aggressive or intimidates.

If you believe you have been harassed, notice that someone else is being harassed, or have any other concerns, you are encouraged to raise your concern in confidence with one of the Ombudspersons.



Note-Well Definitive information

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 ***

- * All: Please contribute online to the minutes at: <https://codimd.ietf.org/notes-ietf-112-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-112-lpwan>
 - Minute takers volunteers?
- Remote participation
 - Meetecho: <https://meetings.conf.meetecho.com/ietf112/?group=lpwan&short=&item=1>
- Mailing list: lp-wan@ietf.org
 - To subscribe: <https://www.ietf.org/mailman/listinfo/lp-wan>
- Meeting materials:
<https://datatracker.ietf.org/meeting/112/agenda/lpwan-drafts.pdf>

Agenda bashing

14:30 (UTC)	Opening, agenda bashing (Chairs) <ul style="list-style-type: none">• Note-Well, Scribes, Agenda Bashing• Status of drafts• Presenters: The Chairs	5mn
14:35	LPWAN Architecture and general newcomer presentation <ul style="list-style-type: none">• Presenter: Alexander Pelov• Associated drafts: draft-ietf-lpwan-architecture	5mn
14:40	Yang Data Model for SCHC <ul style="list-style-type: none">• Presenter: Laurent Toutain• Associated drafts: draft-ietf-lpwan-schc-yang-data-model	15mn
14:55	SCHC-over-SigFox <ul style="list-style-type: none">• Presenters: Juan Carlos Zuniga / Sergio Aguilar• Associated drafts: draft-ietf-lpwan-schc-over-Sigfox• draft-ietf-lpwan-schc-compound-ack	15mn

Agenda bashing (cont.)

15:10	SCHC-over-NBIOT	10mn
	<ul style="list-style-type: none">• Presenter: Ana Minaburo• Associated drafts: draft-ietf-lpwan-schc-over-nbiot	
15:20	SCHC adoption within the LoRa Alliance	5mn
	<ul style="list-style-type: none">• Presenters: Dominique Barthel	
15:25	Future of SCHC-over-PPP	5mn
	<ul style="list-style-type: none">• Presenters: Pascal Thubert	
15:30	Meetecho ends	

WG Status

Milestones

Date	↕	Milestone	↕
Feb 2022		Produce a Standards Track document for SCHC over NB-IoT draft-ietf-lpwan-schc-over-nbiot	
Feb 2022		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)	
Oct 2021		Produce a Standards Track document for SCHC over SigFox draft-ietf-lpwan-schc-over-sigfox	
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

Document	↕ Date	↕ Status	↕ IPR ↕ AD / Shepherd ↕
Active Internet-Drafts (5 hits)			
draft-ietf-lpwan-architecture-00 🗨️ LPWAN Static Context Header Compression (SCHC) Architecture	2021-05-18 10 pages Expires soon	I-D Exists WG Document: Informational	
draft-ietf-lpwan-schc-compound-ack-01 🗨️ SCHC Compound ACK	2021-10-18 9 pages	I-D Exists WG Document	
draft-ietf-lpwan-schc-over-nbiot-06 🗨️ SCHC over NB-IoT	2021-10-25 21 pages	I-D Exists WG Document <i>Feb 2022</i>	Éric Vyncke ✉️
draft-ietf-lpwan-schc-over-sigfox-08 🗨️ SCHC over Sigfox LPWAN	2021-10-24 33 pages	I-D Exists WG Document <i>Oct 2021</i>	Éric Vyncke ✉️
draft-ietf-lpwan-schc-yang-data-model-05 🗨️ Data Model for Static Context Header Compression (SCHC)	2021-09-09 51 pages	I-D Exists WG Document Reviews: yangdoctors	Éric Vyncke ✉️