

LPWAN WG

WG Chairs:

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Note Well

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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)

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I E T F

Reminder:

Minutes are taken *

This meeting might be recorded **

Presence is logged ***

* Please contribute to the minutes at: <https://notes.ietf.org/notes-ietf-interim-2022-lpwan-05-lpwan#>

** Recordings and Minutes are public and may be subject to discovery in the event of litigation.

*** Automatically captured from Meetecho attendance

Agenda bashing

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|----------|---|---------|
| [16:05] | Administrivia
Note-Well, Scribes, Agenda Bashing
WG Status
IETF agenda and presence | [15min] |
| [16:20] | Data Model WGLC
open discussion | [05mn] |
| [16:25] | Dev and App for SCHC HC over 802.15.4
open discussion | [15min] |
| [16:55] | AOB | [QS] |

Action items

- Carles: review the NB IOT draft by Vienna
- Chairs: Assess whether NB IOT is ready for WGLC in Vienna
- Chairs: call for adoption of the Yang Data Model draft

WG Status

Milestones

Date ↕ Milestone

Dec 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)

Feb 2022 Produce a Standards Track document for SCHC over NBIOT
[draft-ietf-lpwan-schc-over-nbiot](#)

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 advancement

Document	Date	Status	IPR	AD / Shepherd
Active Internet-Drafts (5 hits)				
draft-ietf-lpwan-architecture-01 LPWAN Static Context Header Compression (SCHC) Architecture	2021-11-26 13 pages	I-D Exists WG Document: Informational		
draft-ietf-lpwan-schc-compound-ack-03 SCHC Compound ACK	2022-02-09 12 pages	I-D Exists WG Document: Proposed Standard		Alexander Pelov
draft-ietf-lpwan-schc-over-nbiot-07 SCHC over NB-IoT	2022-02-22 20 pages	I-D Exists WG Document Feb 2022		Éric Vyncke
draft-ietf-lpwan-schc-over-sigfox-09 SCHC over Sigfox LPWAN	2022-02-22 30 pages	I-D Exists WG Document Oct 2021		Éric Vyncke
draft-ietf-lpwan-schc-yang-data-model-07 Data Model for Static Context Header Compression (SCHC)	2022-02-28 52 pages	I-D Exists In WG Last Call: Proposed Standard Reviews: yangdoctors		Éric Vyncke Pascal Thubert
RFCs (4 hits)				
RFC 8376 (was draft-ietf-lpwan-overview) Low-Power Wide Area Network (LPWAN) Overview	2018-05 43 pages	Informational RFC		Suresh Krishnan Alexander Pelov
RFC 8724 (was draft-ietf-lpwan-ipv6-static-context-hc) SCHC: Generic Framework for Static Context Header Compression and Fragmentation	2020-04 71 pages	Proposed Standard RFC		Suresh Krishnan Pascal Thubert
RFC 8824 (was draft-ietf-lpwan-coap-static-context-hc) Static Context Header Compression (SCHC) for the Constrained Application Protocol (CoAP)	2021-06 30 pages	Proposed Standard RFC		Éric Vyncke Pascal Thubert
RFC 9011 (was draft-ietf-lpwan-schc-over-lorawan) Static Context Header Compression and Fragmentation (SCHC) over LoRaWAN	2021-04 26 pages	Proposed Standard RFC	1	Éric Vyncke Dominique Barthel
Related Internet-Draft (1 hit)				
draft-barthel-lpwan-oam-schc-03 OAM for LPWAN using Static Context Header Compression (SCHC)	2022-02-09 14 pages	I-D Exists		

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- Note well: DST has not yet started in Europe but did already start in North America.
- Chairs not Present. Laurent to sit.
- Call for presentations ongoing
- Final Agenda
 - <https://datatracker.ietf.org/meeting/113/agenda/>
 - LPWAN will be on TUESDAY, March 22, 2022
 - 1300-1400 Vienna local time, UTC +1, Afternoon session I
 - Grand Park Hall 2

IETF slots Reqs

- Ana for
 - NB IoT, time unspecified
- JCZ for
 - SCHC Compound ACK update (if needed)
 - SCHC/Sigfox profile draft (10 min)
- Carles for
 - draft-gomez-6lo-schc-15dot4 (5mn)

AOB ?