

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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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-07-lpwan>

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

*** Automatically captured from Meetecho attendance

Agenda bashing

- | | | |
|-----------------|--|----------------|
| [16:05] | Administrivia
Note-Well, Scribes, Agenda Bashing
WG Status | [10min] |
| [16:15] | Data Model Reviews
Tom Petch and Éric Vyncke's review discussion | [30mn] |
| [16:45] | AOB | [QS] |

Action items

Progress 3 drafts to submission:

- Complete Shepherd writeup for Compound Ack
- Complete WGLC resolutions for Yang Data Model (call ended March 15 on version 07)
- Comments on SCHC-over-Sigfox

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	13 pages 2021-11-26	I-D Exists WG Document : Informational		
draft-ietf-lpwan-schc-compound-ack-04 SCHC Compound ACK	12 pages 2022-03-21	I-D Exists WG Document : Proposed Standard		Alexander Pelov
draft-ietf-lpwan-schc-over-nbiot-07 SCHC over NB-IoT	20 pages 2022-02-22	I-D Exists In WG Last Call : Proposed Standard Feb 2022		Éric Vyncke Pascal Thubert
draft-ietf-lpwan-schc-over-sigfox-09 SCHC over Sigfox LPWAN	30 pages 2022-02-22	I-D Exists WG Document : Proposed Standard Oct 2021		Éric Vyncke Ana Minaburo
draft-ietf-lpwan-schc-yang-data-model-09 Data Model for Static Context Header Compression (SCHC)	53 pages 2022-05-16	I-D Exists In WG Last Call : Proposed Standard Review: yangdoctors	New	Éric Vyncke Pascal Thubert
RFCs (4 hits)				
RFC 8376 (was draft-ietf-lpwan-overview) Low-Power Wide Area Network (LPWAN) Overview	43 pages 2018-05	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	71 pages 2020-04	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)	30 pages 2021-06	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	26 pages 2021-04	Proposed Standard RFC	1	Éric Vyncke Dominique Barthel
Related Internet-Drafts (2 hits)				
draft-barthel-lpwan-oam-schc-03 OAM for LPWAN using Static Context Header Compression (SCHC)	14 pages 2022-02-09	I-D Exists		
draft-martinez-lpwan-meshed-rules-00 Can Rules be adapted to a Meshed environment	4 pages 2022-03-21	I-D Exists		

Interim, May 31st, 2022

-> Publish as the [ietf-lpwan-architecture](#)

AOB ?