

# LPWAN WG

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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)

<https://www.ietf.org/privacy-policy/> (Privacy Policy)



## 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

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

# Action items

Progress 3 drafts to submission:

- Laurent to publish yang model 10 and Pascal to press the submit button
- Sergio to publish a new SCHC over SigFox and chairs to start WGLC
- Sergio to publish a new Compound Ack, Dominique to check that comments were addressed and Alexander to send for publication
- Ana to publish a new SCHC over NB IoT and Pascal to refresh the pending WGLC to pull more comments

# 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
<b>Active Internet-Drafts (5 hits)</b>				
<a href="#">draft-ietf-lpwan-architecture-01</a> LPWAN Static Context Header Compression (SCHC) Architecture	13 pages 2021-11-26	I-D Exists WG Document : Informational		
<a href="#">draft-ietf-lpwan-schc-compound-ack-04</a> SCHC Compound ACK	12 pages 2022-03-21	I-D Exists WG Document : Proposed Standard		<a href="#">Alexander Pelov</a>
<a href="#">draft-ietf-lpwan-schc-over-nbiot-07</a> SCHC over NB-IoT	20 pages 2022-02-22	I-D Exists In WG Last Call : Proposed Standard Feb 2022		<a href="#">Éric Vyncke</a> <a href="#">Pascal Thubert</a>
<a href="#">draft-ietf-lpwan-schc-over-sigfox-09</a> SCHC over Sigfox LPWAN	30 pages 2022-02-22	I-D Exists WG Document : Proposed Standard Oct 2021		<a href="#">Éric Vyncke</a> <a href="#">Ana Minaburo</a>
<a href="#">draft-ietf-lpwan-schc-yang-data-model-09</a> Data Model for Static Context Header Compression (SCHC)	53 pages <a href="#">2022-05-16</a>	I-D Exists In WG Last Call : Proposed Standard Review: <a href="#">yangdoctors</a>	<b>New</b>	<a href="#">Éric Vyncke</a> <a href="#">Pascal Thubert</a>
<b>RFCs (4 hits)</b>				
<a href="#">RFC 8376</a> (was <a href="#">draft-ietf-lpwan-overview</a> ) Low-Power Wide Area Network (LPWAN) Overview	43 pages 2018-05	Informational RFC		<a href="#">Suresh Krishnan</a> <a href="#">Alexander Pelov</a>
<a href="#">RFC 8724</a> (was <a href="#">draft-ietf-lpwan-ipv6-static-context-hc</a> ) SCHC: Generic Framework for Static Context Header Compression and Fragmentation	71 pages 2020-04	Proposed Standard RFC		<a href="#">Suresh Krishnan</a> <a href="#">Pascal Thubert</a>
<a href="#">RFC 8824</a> (was <a href="#">draft-ietf-lpwan-coap-static-context-hc</a> ) Static Context Header Compression (SCHC) for the Constrained Application Protocol (CoAP)	30 pages 2021-06	Proposed Standard RFC		<a href="#">Éric Vyncke</a> <a href="#">Pascal Thubert</a>
<a href="#">RFC 9011</a> (was <a href="#">draft-ietf-lpwan-schc-over-lorawan</a> ) Static Context Header Compression and Fragmentation (SCHC) over LoRaWAN	26 pages 2021-04	Proposed Standard RFC	<b>1</b>	<a href="#">Éric Vyncke</a> <a href="#">Dominique Barthel</a>
<b>Related Internet-Drafts (2 hits)</b>				
<a href="#">draft-barthel-lpwan-oam-schc-03</a> OAM for LPWAN using Static Context Header Compression (SCHC)	14 pages 2022-02-09	I-D Exists		
<a href="#">draft-martinez-lpwan-meshed-rules-00</a> Can Rules be adapted to a Meshed environment	4 pages 2022-03-21	I-D Exists		

Interim, May 31<sup>st</sup>, 2022

-> Publish as the ietf-lpwan-architecture

**AOB ?**