

# 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:

[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-03-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                      | [5min]  |
|         | Note-Well, Scribes, Agenda Bashing |         |
|         | WG Status                          |         |
| [16:10] | Compound Ack publication steps     | [25min] |
|         | Shepherd selection                 |         |
|         | IPR                                |         |
| [16:35] | Yang Data Model WGLC steps         | [20min] |
|         | Dominique's review                 |         |
|         | Timing                             |         |
| [16:55] | AOB                                | [ QS ]  |

# Action items

- Alexander: call for a shepherd for compound ack draft
- JCZ: add diff-style text in compound ack draft
- Dominique on the data model draft: try to find again what the issue was with the DTag lifetime at the receiver, if there really was any issue at all.
- Laurent: if there are compression rules (compression "feature"), then there must be a no-compression rule.

# WG Status

## Milestones

Date	Milestone
Feb 2022	Produce a Standards Track document for SCHC over NB-IoT <a href="#">draft-ietf-lpwan-schc-over-nbiot</a>
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 <a href="#">draft-ietf-lpwan-schc-over-sigfox</a>
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

Active Internet-Drafts (5 hits)				
<a href="#">🔖</a>	<a href="#">draft-ietf-lpwan-architecture-01</a>	2021-11-26	I-D Exists	
<a href="#">🔍</a>	<b>LPWAN Static Context Header Compression (SCHC) Architecture</b>	15 pages	WG Document: Informational	
<a href="#">🔖</a>	<a href="#">draft-ietf-lpwan-schc-compound-ack-02</a>	2021-12-10	I-D Exists	
<a href="#">🔍</a>	<b>SCHC Compound ACK</b>	11 pages	WG Document	
<a href="#">🔖</a>	<a href="#">draft-ietf-lpwan-schc-over-nbiot-06</a>	2021-10-25	I-D Exists	<a href="#">Éric Vyncke</a>
<a href="#">🔍</a>	<b>SCHC over NB-IoT</b>	21 pages	WG Document <i>Feb 2022</i>	
<a href="#">🔖</a>	<a href="#">draft-ietf-lpwan-schc-over-sigfox-08</a>	2021-10-24	I-D Exists	<a href="#">Éric Vyncke</a>
<a href="#">🔍</a>	<b>SCHC over Sigfox LPWAN</b>	35 pages	WG Document <i>Oct 2021</i>	
<a href="#">🔖</a>	<a href="#">draft-ietf-lpwan-schc-yang-data-model-06</a>	2021-11-24	I-D Exists	<a href="#">Éric Vyncke</a>
<a href="#">🔍</a>	<b>Data Model for Static Context Header Compression (SCHC)</b>	50 pages	WG Document Reviews: yangdoctors	
RFCs (4 hits)				
<a href="#">🔖</a>	<a href="#">RFC 8376 (was draft-ietf-lpwan-overview)</a>	2018-05	Informational RFC	<a href="#">Suresh Krishnan</a>
<a href="#">🔍</a>	<b>Low-Power Wide Area Network (LPWAN) Overview</b>	43 pages		<a href="#">Alexander Pelov</a>
<a href="#">🔖</a>	<a href="#">RFC 8724 (was draft-ietf-lpwan-ipv6-static-context-hc)</a>	2020-04	Proposed Standard RFC	<a href="#">Suresh Krishnan</a>
<a href="#">🔍</a>	<b>SCHC: Generic Framework for Static Context Header Compression and Fragmentation</b>	71 pages		<a href="#">Pascal Thubert</a>
<a href="#">🔖</a>	<a href="#">RFC 8824 (was draft-ietf-lpwan-coap-static-context-hc)</a>	2021-06	Proposed Standard RFC	<a href="#">Éric Vyncke</a>
<a href="#">🔍</a>	<b>Static Context Header Compression (SCHC) for the Constrained Application Protocol (CoAP)</b>	30 pages		<a href="#">Pascal Thubert</a>
<a href="#">🔖</a>	<a href="#">RFC 9011 (was draft-ietf-lpwan-schc-over-lorawan)</a>	2021-04	Proposed Standard RFC	<a href="#">Éric Vyncke</a>
<a href="#">🔍</a>	<b>Static Context Header Compression and Fragmentation (SCHC) over LoRaWAN</b>	26 pages		<a href="#">Dominique Barthel</a>

# Publishing compound ACK

- [draft-ietf-lpwan-schc-compound-ack-02](#)
  - Published 2021-12-10
- publish 03 with “updates 8724”;
  - add section 3.2.3 "extending RFC 8724" with the diff OLD/NEW;
  - the text in 3.2 needs to say specifically when it is an update or an extension instead of "besides“
  - “compress last bitmap”, which is optional. Either include it in the YANG Data Model of the draft, or remove the "optional" part



**AOB ?**