

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)

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[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-02-lpwan#>

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

*** We'll have to do it manually this time

Agenda bashing

- | | | |
|---------|--|---------|
| [16:05] | Administrivia Note-Well, Scribes, Agenda Bashing WG Status | [5min] |
| [16:10] | Compound Ack publication steps Data Model Dominique's review Shepherd selection IPR | [25min] |
| [16:35] | Yang Data Model WGLC steps Dominique's review Timing | [20min] |
| [16:55] | AOB | [QS] |

Action items

- Update architecture (Alex + Pascal)
 - Restored IANA in github
- review the data model (Dominique)
- Start Compound Ack publication process (chairs)

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 advancement

| 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-02 SCHC Compound ACK | 2021-12-10 11 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 Feb 2022 | Éric Vyncke |
| draft-ietf-lpwan-schc-over-sigfox-08 SCHC over Sigfox LPWAN | 2021-10-24 35 pages | I-D Exists WG Document Oct 2021 | Éric Vyncke |
| draft-ietf-lpwan-schc-yang-data-model-06 Data Model for Static Context Header Compression (SCHC) | 2021-11-24 50 pages | I-D Exists WG Document Reviews: yangdoctors | Éric Vyncke |
| 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 | Éric Vyncke Dominique Barthel |

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

Towards WGLC for SCHC data model

- [draft-ietf-lpwan-schc-yang-data-model-06](#)
 - Published 2021-11-24
- Dominique's review's answers
- Timing
- list parameters that need to be known on both sides like the lifetime of dtag
- IPR

AOB ?