

LPWAN WG

WG Chairs:

Alexander Pelov <a@ackl.io>

Pascal Thubert <pthubert@cisco.com>

AD: Eric Vyncke

<evyncke@cisco.com>

Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

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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://codimd.ietf.org/notes-ietf-interim-2020-lpwan-16-lpwan?both>

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

*** From the Webex login

Agenda bashing

[16:05] Administrivia	[10min]
o Note-Well, Scribes, Agenda Bashing	
o WG Status, IETF 109 News	
[16:15] SCHC over LoRaWAN	[15min]
[16:30] CoAP over SCHC	[15min]
[16:45] Open Bar / AOB	[QS]

WG Status

Milestones

Date	Milestone	
Jul 2021	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 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	

Documents advancement



Document	Date	Status	IPR	AD / Shepherd
Active Internet-Drafts (5 hits)				
draft-ietf-lpwan-coap-static-context-hc-16 LPWAN Static Context Header Compression (SCHC) for CoAP	2020-10-20 31 pages	IESG Evaluation::AD Followup for 110 days Submitted to IESG for Publication: Proposed Standard Reviews: genart, iotdir, opsdire, secdire, tsvart		Éric Vyncke Pascal Thubert
draft-ietf-lpwan-schc-over-lorawan-15 Static Context Header Compression (SCHC) over LoRaWAN	2020-10-30 28 pages	IESG Evaluation for 15 days IESG telechat: 2020-11-05 Submitted to IESG for Publication: Proposed Standard Reviews: genart, iotdir, opsdire, secdire, tsvart	1	Éric Vyncke Dominique Barthel
draft-ietf-lpwan-schc-over-nbiot-05 SCHC over NB-IoT	2020-07-15 23 pages	I-D Exists WG Document		Éric Vyncke
draft-ietf-lpwan-schc-over-sigfox-04 SCHC over Sigfox LPWAN	2020-11-02 14 pages	I-D Exists WG Document		Éric Vyncke
draft-ietf-lpwan-schc-yang-data-model-05 Data Model for Static Context Header Compression (SCHC)	2020-07-10 42 pages	I-D Exists WG Document		Éric Vyncke
RFCs (2 hits)				
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 8376 (was draft-ietf-lpwan-overview) Low-Power Wide Area Network (LPWAN) Overview	2018-05 43 pages	Informational RFC		Suresh Krishnan Alexander Pelov
Document	Date	Status	IPR	AD / Shepherd
Related Internet-Draft (1 hit)				
draft-barthel-lpwan-oam-schc-02 OAM for LPWAN using Static Context Header Compression (SCHC)	2020-11-02 14 pages	I-D Exists		

IETF 109 Next Important Dates

LPWAN

- **2020-10-09 (Friday)**: Cut-off date for Area Directors to approve BOFs
- **2020-10-16 (Friday)**: Early Bird registration and payment cut-off
- **2020-10-16 (Friday)**: Preliminary Agenda published for comment.
- **2020-10-21 (Wednesday)**: Cut-off date for requests to reschedule WG
- **2020-10-23 (Friday)**: Final agenda to be published.
- **2020-11-02 (Monday)**: Standard rate registration and payment cut-off
- **2020-11-02 (Monday)**: Internet Draft submission cut-off (for all drafts)

Status: draft-ietf-lpwan-coap-static-context-hc

Ana Minaburo
Laurent Toutain
Ricardo Andreassen

draft-ietf-lpwan-schc-over-LoRaWAN

Olivier Gimenez

Ivaylo Petrov

Interim, November 03th 2020

Agenda

- Changes since 06/10/2020
- Next steps

Changes since last interim

- Published draft-11, draft-12, draft-13
- IESG Evaluation:

Yes

Éric Vyncke

No Objection

Roman Danyliw

Martin Duke

Erik Kline

Martin Vigoureux

Published drafts

- Draft-11
 - Clarification on last tile position thanks to Arun comment
 - Clarifications thanks to Rahul (iot dir) comments
 - Clarifications thanks to Robert (genart dir) comments
- Draft-12
 - Fix merge issue
- Draft-13
 - Clarifications following Martin Duke (IESG) comments
 - Clarifications following Dominique comments (mainly on figures)

Next steps

- Planned for IESG telechat on 05/11/2020

- Question from Erik Kline on IID algorithm:

[section 5.3]

* Is this MUST really necessary? If an implementation wanted to, say, read 8 bytes from a good /dev/urandom source wouldn't that also be okay? Seems like SHOULD would suffice (with a MUST NOT comment about not just using DevEUI etc).

Answer: Yes as both device and SCHC gateway need to be able to create the IID, it avoid IID synchronization between them.

AOB ?