

LPWAN WG

WG Chairs:

Alexander Pelov <a@ackl.io>

Pascal Thubert <pthubert@cisco.com>

AD: Eric Vyncke

<evyncke@cisco.com>

Note Well

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[BCP 9](#) (Internet Standards Process)

[BCP 25](#) (Working Group processes)

[BCP 25](#) (Anti-Harassment Procedures)

[BCP 54](#) (Code of Conduct)

[BCP 78](#) (Copyright)

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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://codimd.ietf.org/notes-ietf-interim-2021-lpwan-04-lpwan>

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

*** From the Webex login

Agenda bashing

- [16:00] Administrivia [10min]
- o Note-Well, Scribes, Agenda Bashing
 - o WG Status, IETF 110 Agenda
- [16:10] SCHC Architecture [15min]
- [16:25] Data Model for SCHC
- [20min] [16:45] AOB
- [QS]

WG Status

May
2020 *Perform SCHC Maintenance, including enabling SCHC mechanisms for Upper layer Protocols*

Dec
2020 *Produce Standard Track documents to apply SCHC IPv6/UDP over the baseline technologies*


Feb
2021 *Produce a Standards Track document to define the generic data models to formalize the compression and fragmentation contexts for LPWANs*

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)*

Oct
2021 *SCHC o SigFox* Awaiting accept

Feb
2022 *SCHC o NBIIOT* Awaiting accept

Document advancement

Active Internet-Drafts (5 hits)				
draft-ietf-lpwan-coap-static-context-hc-18 🔊 LPWAN Static Context Header Compression (SCHC) for CoAP	2021-01-21 34 pages	IESG Evaluation::AD Followup for 215 days Submitted to IESG for Publication: Proposed Standard Reviews: genart, iotdir, opsdir, secdir, tsvalt		Éric Vyncke ✉ Pascal Thubert ✉
draft-ietf-lpwan-schc-over-lorawan-14 🔊 Static Context Header Compression (SCHC) over LoRaWAN	2021-01-25 28 pages	RFC Ed Queue : EDIT for 22 days Submitted to IESG for Publication: Proposed Standard Reviews: genart, iotdir, opsdir, tsvalt	1	Éric Vyncke ✉ Dominique Barthel ✉
draft-ietf-lpwan-schc-over-nbiot-04 🔊 SCHC over NB-IoT	2021-01-19 22 pages	I-D Exists WG Document <i>Feb 2022</i>		Éric Vyncke ✉
draft-ietf-lpwan-schc-over-sigfox-04 🔊 SCHC over Sigfox LPWAN	2020-11-02 14 pages	I-D Exists WG Document <i>Oct 2021</i>		Éric Vyncke ✉
draft-ietf-lpwan-schc-yang-data-model-04 🔊 Data Model for Static Context Header Compression (SCHC)	2021-02-02 42 pages	I-D Exists WG Document Reviews: yangdoctors		Éric Vyncke ✉
RFCs (2 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 ✉
Document	↕ Date	↕ Status	↕ IPR	↕ AD / Shepherd
Related Internet-Drafts (2 hits)				
draft-barthel-lpwan-oam-schc-02 🔊 OAM for LPWAN using Static Context Header Compression (SCHC)	2020-11-02 14 pages	I-D Exists		
draft-pelov-lpwan-architecture-00 🔊 Static Context Header Compression (SCHC) Architecture	2021-01-19 6 pages	I-D Exists		

Action items

- Change the NBIOT target date to early 2022 => Done
- Find 3GPP assistance for Ana on NBIOT (Eric + Pascal) on hold => Edgar is back
- Laurent to refresh the model draft and the chairs to ask to an early review by YANG Doctors via datatracker => done
- Laurent to send a doodle on the ML to choose a time for a session on YANG -> doodle created

https://doodle.com/poll/tz69qbv2eqnmyam?utm_source=poll&utm_medium=link

IETF 110

- Call for agenda items
- We have one hour
 - 15:30-16:30 CET / Wednesday 10th, Session II
- Usual suspects
 - Architecture, OAM, Data Model ?

draft-pelov-lpwan-architecture

Alexnader Pelov

Pascal Thubert

Ana Minaburo

Interim, February 18th 2021

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• Define device / NGW vs. Peer routers (for PPPoE)	
• References RFC 8376 and discusses constraints	
• References RFC 8724 Positions SCHC C/D endpoints (layers)	
4. Data management	4
• Introduces Yang data model	
• Discusses rule creation and update	
• Discusses rule installation and discovery	

AOB ?