

IETF 113 LPWAN WG

22 March 2022

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IETF 113 Vienna
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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)



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- Use Meetecho to join the mic queue
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Remote participants

- Make sure your audio and video are off unless you are chairing or presenting during a session
- Use of a headset is strongly recommended

Youngest participant

Welcome Theodore!

Resources for IETF 113 Vienna

- Agenda
<https://datatracker.ietf.org/meeting/agenda>
- Meetecho and other information:
<https://www.ietf.org/how/meetings/113/preparation>
- If you need technical assistance, see the Reporting Issues page:
<http://www.ietf.org/how/meetings/issues/>

Minute takers, jabber scribes

- Minutes
 - CodiMD: <https://codimd.ietf.org/notes-ietf-113-lpwan>
 - Minute takers volunteers?
- Remote participation
 - Meetecho:
<https://meetings.conf.meetecho.com/ietf13/?group=lpwan&short=&item=1>
- Mailing list: lp-wan@ietf.org
 - To subscribe: <https://www.ietf.org/mailman/listinfo/lp-wan>
- Meeting materials: <https://datatracker.ietf.org/meeting/113/agenda/lpwan-drafts.pdf>

Agenda bashing

- | | | |
|----------------|--|---------------|
| [13:00] | Administrivia
Note-Well, Scribes, Agenda Bashing
WG / drafts Status | [5min] |
| <u>[13:05]</u> | LPWAN Architecture and general newcomer presentation
Associated drafts: draft-ietf-lpwan-architecture
Presenter: Alexander Pelov | <u>[5min]</u> |
| [13:05] | Compound Ack Path to Publication
Associated drafts: draft-ietf-lpwan-schc-compound-ack
Presenter: Juan Carlos Zuniga | [5min] |
| [13:10] | Yang Data Model for SCHC (Hackathon + WGLC)
Associated drafts: draft-ietf-lpwan-schc-yang-data-model
Presenter: Laurent Toutain | [10min] |

Agenda bashing

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|---------|--|---------|
| [13:20] | Status of SCHC-over-SigFox
Associated drafts: draft-ietf-lpwan-schc-over-sigfox
Presenter: Diego Wistuba | [5min] |
| [13:25] | Status of SCHC-over-NBIOT
Associated drafts: draft-ietf-lpwan-schc-over-nbiot
Presenter: Ana Minaburo | [10min] |
| [13:35] | SCHC applied to IEEE 802.15.4
Associated drafts: draft-gomez-6lo-schc-15dot4
Differences between device and app roles, how to do P2P
Presenter: Carles Gomez | [15min] |
| [13:50] | Mesh Rules
Presenter: Laurent Toutain | [QS] |

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's 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-03 🔗 SCHC Compound ACK	2022-02-09 12 pages	I-D Exists WG Document: Proposed Standard	Alexander Pelov ✉
🔖 draft-ietf-lpwan-schc-over-nbiot-07 🔗 SCHC over NB-IoT	2022-02-22 20 pages	I-D Exists WG Document <i>Feb 2022</i>	Éric Vyncke ✉
🔖 draft-ietf-lpwan-schc-over-sigfox-09 🔗 SCHC over Sigfox LPWAN	2022-02-22 30 pages	I-D Exists WG Document <i>Oct 2021</i>	Éric Vyncke ✉
🔖 draft-ietf-lpwan-schc-yang-data-model-07 🔗 Data Model for Static Context Header Compression (SCHC)	2022-02-28 52 pages	I-D Exists In WG Last Call: Proposed Standard Reviews: yangdoctors	Éric Vyncke ✉ Pascal Thubert ✉

Note: SCHC over PPP work stalled @ intarea WG