

LPWAN WG

WG Chairs:

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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)

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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-06-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	[10min]
	Note-Well, Scribes, Agenda Bashing WG Status	
[16:15]	Data Model Shepherding	[15mn]
	Dominique's review Pascal's review Expressing timeouts as mantissa + exponent impacts on Architecture	
[16:40]	Compound Ack Shepherding	[10min]
	Alexander's report	
[16:50]	SCHC o' SigFox Shepherding	[5min]
	Ana's report	
[16:55]	AOB	[QS]

Action items

- Progress 3 drafts to submission

WG Status

Milestones

Date ↕ Milestone

Dec 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)

Feb 2022 Produce a Standards Track document for SCHC over NBIOT
[draft-ietf-lpwan-schc-over-nbiot](#)

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

Document	Date	Status	IPR	AD/Shepherd
Active Internet-Drafts (5 hits)				
draft-ietf-lpwan-architecture-01 LPWAN Static Context Header Compression (SCHC) Architecture	13 pages 2021-11-26	I-D Exists WG Document : Informational		
draft-ietf-lpwan-schc-compound-ack-04 SCHC Compound ACK	12 pages 2022-03-21	I-D Exists WG Document : Proposed Standard		Alexander Pelov ✉
draft-ietf-lpwan-schc-over-nbiot-07 SCHC over NB-IoT	20 pages 2022-02-22	I-D Exists In WG Last Call : Proposed Standard Feb 2022		Éric Vyncke ✉ Pascal Thubert ✉
draft-ietf-lpwan-schc-over-sigfox-09 SCHC over Sigfox LPWAN	30 pages 2022-02-22	I-D Exists WG Document : Proposed Standard Oct 2021		Éric Vyncke ✉ Ana Minaburo ✉
draft-ietf-lpwan-schc-yang-data-model-09 Data Model for Static Context Header Compression (SCHC)	53 pages 2022-05-16	I-D Exists In WG Last Call : Proposed Standard Review: yangdoctors	New	Éric Vyncke ✉ Pascal Thubert ✉
RFCs (4 hits)				
RFC 8376 (was draft-ietf-lpwan-overview) Low-Power Wide Area Network (LPWAN) Overview	43 pages 2018-05	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	71 pages 2020-04	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)	30 pages 2021-06	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	26 pages 2021-04	Proposed Standard RFC	1	Éric Vyncke ✉ Dominique Barthel ✉
Related Internet-Drafts (2 hits)				
draft-barthel-lpwan-oam-schc-03 OAM for LPWAN using Static Context Header Compression (SCHC)	14 pages 2022-02-09	I-D Exists		
draft-martinez-lpwan-meshed-rules-00 Can Rules be adapted to a Meshed environment	4 pages 2022-03-21	I-D Exists		

AOB ?