

LPWAN WG

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Minute takers, jabber scribes



- Minutes
 - Etherpad: <http://etherpad.tools.ietf.org:9000/p/notes-ietf-97-lpwan?useMonospaceFont=true>
 - Minute takers volunteers?
- Remote participation
 - Meetecho: <http://www.meetecho.com/ietf97/lpwan>
 - Jabber: [lpwan@jabber.ietf.org](jabber://lpwan@jabber.ietf.org)
 - Jabber scribe volunteers?
- Mailing list: lp-wan@ietf.org
 - To subscribe: <https://www.ietf.org/mailman/listinfo/lp-wan>
- Meeting materials: <https://datatracker.ietf.org/meeting/97/materials.html/#lpwan>

Agenda bashing

- Opening, agenda bashing, Charter presentation, WG chairs (10 min)
- LPWAN Overview Introduction, WG Chairs (stepping in for Stephen Farrell)
 - LPWAN Gap analysis, Ana Minaburo (10 min)
 - ~~LoRaWAN overview, Stephen Farrell (15 min + 5 min Q&A)~~
 - Sigfox system description, Juan Carlos Zuniga (15 min + 5 min Q&A)
 - NB-IoT characteristics, Antti Ratilainen (remote) (15 min + 5 min Q&A)
 - WI-SUN overview, Bob Heile (15 min + 5 min Q&A)
- LPWAN Overview Discussion, WG Chairs (5 min) (stepping in for Stephen Farrell)
- *(1h30 mark)*
- LPWAN Static Context Header Compression (SCHC) for IPv6 and UDP, Laurent Toutain (15 min + 5 min Q&A)
 - SCHC for CoAP (10 min)
- RoHC applicability in LPWAN, Ana Minaburo (10 min)
- LPWAN Fragmentation Header, Carles Gomez (10 min)

WG formed October 14th



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Charter: <https://datatracker.ietf.org/doc/charter-ietf-lpwan/>

Charter Item #1

Produce an Informational document describing and relating some selected LPWA technologies. This work will document the common characteristics and highlight actual needs that the IETF could serve; but it is not intended to provide a competitive analysis. It is expected that the information contained therein originates from and is reviewed by people who work on the respective LPWA technologies.

Charter Item #2

Produce a Standards Track document to enable the compression and fragmentation of a CoAP/UDP/IPv6 packet over LPWA networks. This will be achieved through stateful mechanisms, specifically designed for star topology and severely constrained links. The work will include the definition of generic data models to describe the compression and fragmentation contexts. This work may also include to define technology-specific adaptations of the generic compression/fragmentation mechanism wherever necessary.

Charter - Milestones

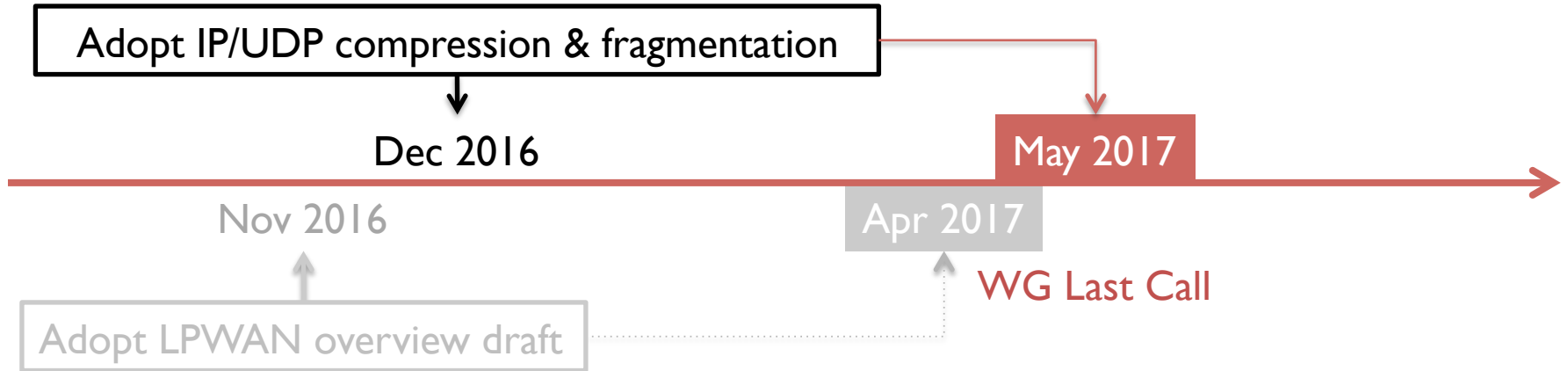
Milestones

Date	↕ Milestone
Jul 2017	Submit CoAP compression mechanism to the IESG for publication as a Proposed Standard
May 2017	Submit IP/UDP compression and fragmentation mechanism to the IESG for publication as a Proposed Standard
Apr 2017	Submit LPWAN specification to the IESG for publication as an Informational Document
Jan 2017	Adopt CoAP compression mechanism as a WG item
Dec 2016	Adopt IP/UDP compression and fragmentation mechanism as a WG item
Nov 2016	Adopt LPWAN specifications as WG item

Milestones



Milestones



Milestones

