LPWAN WG

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Reminder:

Minutes are taken *
This meeting is recorded **
Presence is logged ***

* Scribe; please contribute online to the minutes at: http://etherpad.tools.ietf.org:9000/p/notes-ietf-100-lpwan
** Recordings and Minutes are public and may be subject to discovery in the event of litigation.
*** From the Webex login
Minute takers, jabber scribes

- Minutes
  - Minute takers volunteers?

- Remote participation
  - Meetecho: http://www.meetecho.com/ietf100/lpwan
  - 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/100/materials.html/#lpwan
Agenda bashing

9:30  Opening, agenda bashing (Chairs) 20mn
• Note-Well, Scribes, Agenda Bashing, Approval minutes from last meeting
• Status of drafts (WGLC / forthcoming WGLC)
• Rechartering

9:50  draft-ietf-lpwan-overview 10mn

10:00 draft-ietf-lpwan-ipv6-static-context-hc
Update on IPv6 compression 10mn
Update on SCHC fragmentation 25mn

10:35 draft-ietf-lpwan-coap-static-context-hc 5mn
Agenda bashing

10:40  draft-barthel-icmpv6-schc  10mn
10:50  draft-petrov-lpwan-ipv6-schc-over-lorawan  15mn
11:05  draft-zuniga-lpwan-schc-over-sigfox  15mn
11:20  ETSI LTN and LPWAN-CSS  30mn
11:50  AOB  QS
Status

WG formed October 14\textsuperscript{th}, 2016

• Charter item \#1 (Informational document)
  – Baseline technology description

• Charter item \#2 (Standards track document)
  – Enable the compression and fragmentation of a CoAP/UDP/IPv6 packet over LPWA networks
## Charter - Milestones

<table>
<thead>
<tr>
<th>Date</th>
<th>Milestone</th>
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<tr>
<td>Jul 2017</td>
<td>Submit CoAP compression mechanism to the IESG for publication as a Proposed Standard</td>
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<tr>
<td>May 2017</td>
<td>Submit IP/UDP compression and fragmentation mechanism to the IESG for publication as a Proposed Standard</td>
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<td>Submit LPWAN specification to the IESG for publication as an Informational Document</td>
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<tr>
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Milestones

- Dec 2016: Adopted LPWAN Overview, IPv6/UDP SCHC, CoAP SCHC
- Mar 2017: IETF98
  - Overview: Apr
  - IPv6/UDP: May
- April: IPv6/UDP
- June: CoAP
- July 2017: IETF99
- July 2017: IETF98
- Nov 2017: IETF100
Milestones

Dec 2016

IETF98

Overview

IPv6/UDP

Apr

CoAP

May

June

July 2017

IETF99

IETF100

Nov 2017

Adopted

LPWAN Overview,
IPv6/UDP SCHC,
CoAP SCHC

6 interim meetings

LPWAN@IETF100
Milestones

- Dec 2016: Adopted LPWAN Overview, IPv6/UDP SCHC, CoAP SCHC
- Mar 2017: IETF98
  - Overview in Apr
  - IPv6/UDP in May
- June: IETF99
  - CoAP
- July 2017: IETF99
  - Hackathon in June
- Nov 2017: IETF100
  - Submitted LPWAN Overview to IESG
  - 5 interim meetings

6 interim meetings
Rechartering items

- SCHC-over-FOO (STD)
- ICMPv6
- Data Model for SCHC Contexts
- Minimal context provisioning protocol
AOB ?