LPWAN WG

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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.

As a reminder:

• By participating in the IETF, you agree to follow IETF processes and policies.
• If you are aware that any IETF contribution is covered by patents or patent applications that are owned or controlled by you or your sponsor, you must disclose that fact, or not participate in the discussion.
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• Personal information that you provide to IETF will be handled in accordance with the IETF Privacy Statement.
• As a participant or attendee, you agree to work respectfully with other participants; please contact the ombudsteam (https://www.ietf.org/contact/ombudsteam/) if you have questions or concerns about this.

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)
Reminder:

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

* Scribe; please contribute online to the minutes at: https://etherpad.tools.ietf.org/p/lpwan
** Recordings and Minutes are public and may be subject to discovery in the event of litigation.
*** From the Webex login
# Agenda bashing

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<th>Item</th>
<th>Duration</th>
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<tr>
<td>16:05</td>
<td>Opening, agenda bashing (Chairs)</td>
<td>10mn</td>
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<td></td>
<td>• Note-Well, Scribes, Agenda Bashing</td>
<td></td>
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<tr>
<td></td>
<td>• Last time todos</td>
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<tr>
<td></td>
<td>• Status of drafts</td>
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<tr>
<td>16:10</td>
<td>CoAP over SCHC (Ana)</td>
<td>15mn</td>
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<td>16:25</td>
<td>SCHC rework status (Dominique)</td>
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<tr>
<td>16:45</td>
<td>AOB</td>
<td>15mn</td>
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Interim, May 15th, 2019
## WG progress

### Milestones

<table>
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<tr>
<th>Date</th>
<th>Milestone</th>
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| Nov 2019 | Submit CoAP compression mechanism to the IESG for publication as a Proposed Standard  
draft-ietf-lpwan-coap-static-context-hc |
| Done   | Submit IP/UDP compression and fragmentation mechanism to the IESG for publication as a Proposed Standard  
draft-ietf-lpwan-ipv6-static-context-hc |
| Done   | Submit LPWAN specification to the IESG for publication as an Informational Document                                                      |
| Done   | Adopt CoAP compression mechanism as a WG item                                                                                           |
| Done   | Adopt IP/UDP compression and fragmentation mechanism as a WG item                                                                      |
| Done   | Adopt LPWAN specifications as WG item                                                                                                  |
Tentative schedule

• Recharter
  • Waiting for IOT Directorate Review
    – Carsten reviewed Compression, working on Fragmentation
  • Waiting for INT Directorate Review
draft-ietf-lpwan-coap-static-context-hc-06

Laurent Toutain
Ana Minaburo
Ricardo Andreasen

Interim, May 15th, 2019
Version -06

• Dominique Barthel comments
  – Thanks for your inputs!

• Wait for more comments from CORE

• WGLC?
draft-ietf-lpwan-ipv6-static-context-hc

rework status

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Since IETF104 in Prague

- Met with Carsten while in Prague in order to
  - Make sure we understand his comments
  - Submit our proposed changes to him
- Still expecting second part of Carsten’s review
  - On Fragmentation/Reassembly
- Still expecting IntDir review (Jouni Korhonen)
- Chairs to inquire?
SCHC over LoRaWAN feedback

- DLMS has UDP/IP profile, DLMS over LoRaWAN wants SCHC
- Up to 381 bytes, F/R with one window, 127 bits in bitmap
  - Expect (many) trailing 0’s in bitmap, not compressed.
  - Not a huge deal, but compressing trailing 0’s would be nice

Interim, May 15th, 2019
Thank you!
AOB ?