LPWAN WG

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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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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-03-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
Note-Well, Scribes, Agenda Bashing
WG Status
[5min]

[16:10] Compound Ack publication steps
Shepherd selection
IPR
[25min]

[16:35] Yang Data Model WGLC steps
Dominique's review
Timing
[20min]

[16:55] AOB
[ QS ]
Action items

• Alexander: call for a shepherd for compound ack draft
• JCZ: add diff-style text in compound ack draft
• Dominique on the data model draft: try to find again what the issue was with the DTag lifetime at the receiver, if there really was any issue at all.
• Laurent: if there are compression rules (compression "feature"), then there must be a no-compression rule.
# WG Status

## Milestones

<table>
<thead>
<tr>
<th>Date</th>
<th>Milestone</th>
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| Feb 2022 | Produce a Standards Track document for SCHC over NBIOT  
  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 advancement

### Active Internet-Drafts (5 hits)

<table>
<thead>
<tr>
<th>Draft ID</th>
<th>Title</th>
<th>Date</th>
<th>Type</th>
<th>Authors</th>
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<tbody>
<tr>
<td>draft-ietf-lpwan-architecture-01</td>
<td>LPWAN Static Context Header Compression (SCHC) Architecture</td>
<td>2021-11-26</td>
<td>I-D Exists</td>
<td>Eric Vyncke</td>
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<td>draft-ietf-lpwan-schc-compound-ack-02</td>
<td>SCHC Compound ACK</td>
<td>2021-12-10</td>
<td>I-D Exists</td>
<td>Eric Vyncke</td>
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<tr>
<td>draft-ietf-lpwan-schc-over-nbiot-06</td>
<td>SCHC over NB-IoT</td>
<td>2021-10-25</td>
<td>I-D Exists</td>
<td>Eric Vyncke</td>
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<td>draft-ietf-lpwan-schc-over-sigfox-08</td>
<td>SCHC over Sigfox LPWAN</td>
<td>2021-10-24</td>
<td>I-D Exists</td>
<td>Eric Vyncke</td>
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<td>draft-ietf-lpwan-schc-yang-data-model-06</td>
<td>Data Model for Static Context Header Compression (SCHC)</td>
<td>2021-11-24</td>
<td>I-D Exists</td>
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### RFCs (4 hits)

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<tr>
<td>RFC 8576</td>
<td>Low-Power Wide Area Network (LPWAN) Overview</td>
<td>2018-05</td>
<td>Informational RFC</td>
<td>Suresh Krishnan, Alexander Pelov</td>
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<tr>
<td>RFC 8724</td>
<td>SCHC: Generic Framework for Static Context Header Compression and Fragmentation</td>
<td>2020-04</td>
<td>Proposed Standard RFC</td>
<td>Suresh Krishnan, Pascal Thibert</td>
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<td>RFC 8824</td>
<td>Static Context Header Compression (SCHC) for the Constrained Application Protocol (CoAP)</td>
<td>2021-06</td>
<td>Proposed Standard RFC</td>
<td>Eric Vyncke, Pascal Thibert</td>
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<td>RFC 9011</td>
<td>Static Context Header Compression and Fragmentation (SCHC) over LoRaWAN</td>
<td>2021-04</td>
<td>Proposed Standard RFC</td>
<td>Eric Vyncke, Dominique Barthel</td>
</tr>
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</table>
Publishing compound ACK

• draft-ietf-lpwan-schc-compound-ack-02
  – Published 2021-12-10

• publish 03 with “updates 8724”;
  – add section 3.2.3 "extending RFC 8724" with the diff OLD/NEW;
  – the text in 3.2 needs to say specifically when it is an update or an extension instead of "besides"
  – “compress last bitmap", which is optional. Either include it in the YANG Data Model of the draft, or remove the "optional" part