draft-ietf-lpwan-schc-over-nbiot-07

Authors:
Edgar Ramos
Ana Minaburo
Overview

• Thanks for your review, Carles.
  • Several nits
  • Structure of the draft to make clear the use of compression and fragmentation
UseCase1: Radio Link IP based Data Transmission

Why Fragmentation is not used in this case?

- SCHC over User Plane
  - Data transport
  - SCHC Compression/Decompression as RoHC
  - No SCHC Fragmentation
  - No major changes in the 3GPP specification
Draft Status

• Draft-ietf-lpwan-schc-over-nbiot-07 is an INFORMATIONAL draft
  • Guidance for the use of SCHC
  • Proposes parameter values
  • Not give any new feature
  • Not modify RFCs 8724 or 8824

• 3GPP documents at IETF are INFORMATIONAL
<table>
<thead>
<tr>
<th>Document ID</th>
<th>Title</th>
<th>RFC</th>
<th>Status</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>draft-ietf-lpwan-schc-over-nbiot-03</td>
<td>LPWAN over NB-IoT Using Schannel</td>
<td>Informational RFC</td>
<td>Rejected</td>
<td>Additional information required</td>
</tr>
</tbody>
</table>

- **3GPP documents at IETF are INFORMATIONAL**
Draft Status – Now: Informational

• Suggest: BCP

RFC2026: “The BCP subseries of the RFC series is designed to be a way to standardize practices and the results of community deliberations. A BCP document is subject to the same basic set of procedures as standards track documents and thus is a vehicle by which the IETF community can define and ratify the community's best current thinking on a statement of principle or on what is believed to be the best way to perform some operations or IETF process function.

...While it is recognized that entities such as the IAB and IESG are composed of individuals who may participate, as individuals, in the technical work of the IETF, it is also recognized that the entities themselves have an existence as leaders in the community. As leaders in the Internet technical community, these entities should have an outlet to propose ideas to stimulate work in a particular area, to raise the community's sensitivity to a certain issue, to make a statement of architectural principle, or to communicate their thoughts on other matters. The BCP subseries creates a smoothly structured way for these management entities to insert proposals into the consensus-building machinery of the IETF while gauging the community's view of that issue.”
IP version for compression

• 3GPP release 15
  • Uses IPv6 and IPv4

• Does IETF will work on IPv4 compression with SCHC?
Thank you

• Questions?

• L-C?