Rechartering Discussion

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Status

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- 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
Rechartering

• Charter item #2
  – Split in 3 charter items (Standards track documents)
    • SCHC for CoAP
    • Data model for context representation
    • Documents for each baseline technology
  – New charter item (Standards track document)
    • Operations, Administration and Maintenance (OAM) of LPWAN devices (incl. delayed proxied liveliness, Ping)
1. Produce a Standards Track document to enable the compression and fragmentation of a CoAP-messages over LPWA networks. This will be achieved through stateful mechanisms, for a relevant subset of the possible CoAP interactions (TBD as part of the work).

2. Produce a Standards Track document to define the generic data models to formalize the compression and fragmentation contexts.

3. Produce Standard Track documents to apply SCHC IPv6/UDP over the baseline technologies.

4. Produce a Standards Track document to enable operations, administration and maintenance (OAM) to the LPWAN device, including support for delayed or proxyed liveliness verification (Ping).

5. ? Security ? IPv4 ? Other ?