# Rechartering Discussion

WG Chairs:
Alexander Pelov <a@ackl.io>
Pascal Thubert <pthubert@cisco.com>

AD: Suresh Krishnan
<suresh@kaloom.com>

IETF 104

# Status

WG formed October 14th, 2016

**Done** 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 ?