

# Rechartering

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# Charter I

1. Produce an Informational document describing and relating some selected LPWA technologies. This work will document the common characteristics and highlight actual needs that the IETF could serve; but it is not intended to provide a competitive analysis. It is expected that the information contained therein originates from and is reviewed by people who work on the respective LPWA technologies.
2. Produce a Standards Track document to enable the compression and fragmentation of a CoAP/UDP/IPv6 packet over LPWA networks. This will be achieved through stateful mechanisms, specifically designed for star topology and severely constrained links. The work will include the definition of generic data models to describe the compression and fragmentation contexts. This work may also include to define technology-specific adaptations of the generic compression/fragmentation mechanism wherever necessary.

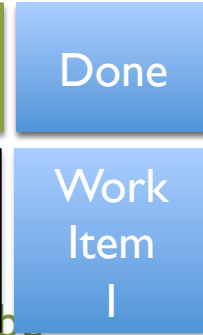
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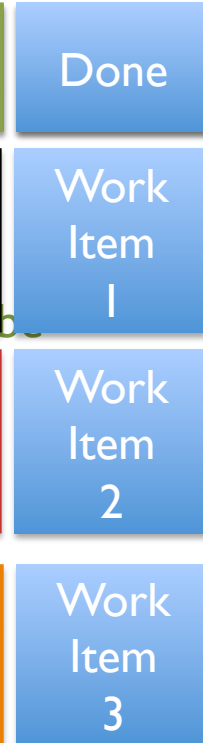
Done

Work  
Item  
1

Work  
Item  
2

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# Charter II

1. Produce a Standards Track document to enable the compression and fragmentation of a CoAP/~~UDP/IPv6 packet~~ messages over LPWA networks. This will be achieved through stateful mechanisms, ~~specifically designed for star topology and severely constrained links~~ for a relevant subset of the possible CoAP interactions (TBD as part of the work).
2. Produce a Standards Track document to ~~The work will include the~~ define the definition of generic data models to formalize ~~describe~~ the compression and fragmentation contexts.
3. Produce Standard Track documents to apply SCHC IPv6/UDP over the baseline technologies. ~~This work may also include to define technology-specific adaptations of the generic compression/fragmentation mechanism wherever necessary.~~

# Charter II (2)

New Work Item derived from work on ICMP:

4 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).