IETF Hackathon

LPWAN OpenSCHC

IETF 106

Nov. 16-17, 2019

Singapore

SCHC LPWAN team

Team members:
- Cédric
- Laurent
- Shoichi
- Arun
- Olivier (First timer @ IETF/Hackathon)
- Rahul
- Juan Carlos
- Dominique
- Sandoche
- Diego (remote, First timer @ Hackathon)
- Guillaume
- Ryan

https://github.com/openschc

Hackathon Plan

- SCHC (Static Context Header Compression and fragmentation) for LPWANs

  - [draft-ietf-lpwan-ipv6-static-context-hc-22](#)

  - [draft-ietf-lpwan-coap-static-context-hc-11](#)

- Clean up repo   ✔
- Improve documentation   ✔
- Improve functionality   ✔
- Setup Travis CI   ✔

What we learned, future work

- Better understanding of specifications
- Spotted issues in OpenSCHC implementation
- Current code with test env. too big to run on Pycom
- More tests needed
    - test automation
    - need for better reporting of missing features (Issues)
- Spotted missing element in data model
    - future work at the WG
- Suggestions for interop at next Hackathon