

draft-petrov-lpwan-ipv6-schc-over-lorawan

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Presentation agenda

- What has happened since IETF103?
 - v04
 - preparation of v05
- What is coming up next?

What has happened since IETF103?

- Feedback from Shoichi Sakane
 - Published v04
- More contributions from LoRaWAN Alliance members
 - Olivier Gimenez (Semtech)
 - Marc LE GOURRIEREC (Sagemcom)
- Preparing v05

Changes in v04

- Feedback from Shoichi
 - Published v04
 - Improved terminology
 - Security considerations
 - Cleared most of the TBD
 - Related to LoRaWAN
 - Related to the RuleID size, DTag size, timers

Changes preparing for v05



- Improvements of the LoRaWAN related definitions and explanations
- Ack-on-error for uplink fragmentation
- Considering having at least one up/down fPort for interoperability
- Considering allowing parts of rules to be inside fPorts
- Interest in using compression/fragmentation for DLMS as well as CoAP
- Considering recommending multi-fragment windows for class B and C on downlink.
- Had question about how to restore state in case of major network issues
- Increase recommended SCHC header size to 2 bytes
- Any experience how many fPorts will be needed for a typical application?

Remaining to do

- Define IID computation
- Update terminology with tiles and device profiles

Next steps

- Get more reviews
- Ready for adoption?

Thank you for your attention