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

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Presentation agenda

• What has happened since IETF103?
  – v03
  – preparation of v04
• What is coming up next?
What has happened since IETF103?

• Feedback from Shoichi Sakane  
  – Published v03
• More contributions from LoRaWAN Alliance members  
  • Olivier Gimenez (Semtech)  
  • Marc LE GOURRIEREC (Sagemcom)
• Preparing v04
Changes in v03

• Feedback from Shoichi
  – Published v03
    • Improved terminology
    • Security considerations
    • Cleared most of the TBD
      – Related to LoRaWAN
      – Related to the RuleID size, DTag size, timers
Changes preparing for v04

- 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
- Any experience how many fPorts will be needed for a typical application?
Remaining to do

• Define IID computation
• Fix any pending TBDs and verify that nothing was missed from the parameters left out of SCHC draft.
Next steps

• Get more reviews
• Ready for adoption?
Thank you for your attention