draft-ietf-lpwan-shc-over-sigfox

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Status update

• No modifications to draft since IETF104
• Currently working on optimization of SCHC parameters for payload Fragmentation and Data Integrity over Sigfox payload sizes
  • UL payload – 12 bytes
  • DL payload – 8 bytes

• Single-byte SCHC UL header
  • Optimized for minimum overhead
  • ACK size of 13 bits in DL

• Two-byte SCHC UL header
  • Optimized for maximum payload
  • ACK size of 43 bits in DL
Single-byte SCHC UL header

• ACK-on-Error mode
• SCHC support for up to 300 bytes payload
• As little as one single 13-bits ACK needed in DL
Two-byte SCHC UL header

- ACK-on-Error mode
- SCHC support for over 2000-bytes payload
- As little as one single 43-bits ACK needed in DL