July 23st, 2025

Coming to terms

Authors:

Presenter:

SCHC Packet

RFC 8724 compresses IP this the use of « Packet »

- SCHC compresses bunches of bytes,
  - could be frames, packets, Subsets of packets, app payload
- SCHC rule + residue is a SCHC header

What is SCHC header+ payload in generalized SCHC?

- SCHC datagram?

Renaming the SCHC Headers

Generalized SCHC employs 2 SCHC headers

- For the SCHC Stratum (implicit in LoRa)
- For the SCHC data (explicit in LoRa using RFC 8724)

Current	Proposed
SCHC Stratum Header	SCHC Control Header / Control SCHC Header
SCHC Payload	SCHC Data Header / Data SCHC Header
User Payload	Payload

Does the SCHC datagram encompass the Stratum header?

Domain as a Set of end-points

We are missing terms to identify sets of end-points

That participate to an instance (P2P, P2MP, MP2MP)

- Instance Domain?

Between which a SCHC instance may be created

- Stratum Domain?

That are under the same administration

- Administrative Domain?