Mesh rules

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Rules in SCHC

• RFC8724 only defines rule format for a single device
  • No indication if several nodes has to be managed
  • Case for Core SCHC

• OpenSCHC add a deviceID for star topology
  • Star topology: 1 core and several devices
  • The core can identify the set of rule for uplink and where to send on downlink
  • Devices answer either using the technology (eg. LoRaWAN) or answer the core.

• Point to point is a particular case of star topology.
Mesh network

Serveral cores

Symmetric devices:
• Core/device
• 2 SoR of each direction
• RuleID cannot be shared