

SCHC interop testing

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SCHC interop testing

- Meant for Hackathon @IETF107
 - Was going to be mostly virtual anyway
 - Started with test vectors, to be checked locally
- Test suite
 - Compression: no-compress, aligned headers
 - Compression: no-compress, unaligned headers
 - Compression: IPv6/UDP compression, not-sent, compute
 - Compression: IPv6/UDP compression, not-sent, compute, match-mapping
- Tested
 - LibSCHC (U Gent), PySCHC (U Chile)

Next steps

- More test vectors
 - Fragmentation: No-ACK
 - ...
- On-line testing between multiple implementations
 - Olivier: MQTT connector on TTN
 - Laurent: OpenSCHC via UDP
- Improving OpenSCHC
 - Connectors
 - Internals

Thanks