IETF Hackathon

IETF 118
QUIC over TAPS for Deep Space
TAPSCE

Hackathon Plan

- <What problem were you working on?>
  - Tune QUIC with TAPS API for using QUIC in deep space
    - <Specific problems to solve>
      - Support extremely long delay, no ack, disruption…
- <How you planned to solve it?>
  - implement TAPS on the top of QUIC
  - Identify QUIC and DTN parameters, profiles, features missing and to be added

What got done

- <Lessons learned from this hackathon>
  - TAPS and QUIC implémentations over python asyncio might be assembled
    - https://github.com/aiortc/aioquic
    - https://github.com/fg-inet/python-asyncio-taps/tree
  - careful-resume and bdp frame might be implemented soon in QUIC
  - What is started is the merge of python-asyncio-taps and aioquic

What is planed

- <Lessons learned from this hackathon>
  - What is planed
    - interop with Christian Quic to Mars implementation
    - interop with QUIC implementations suppoting Careful Resume
  - <New feedback to take to WG?> <New work to take to WG?>
    - TAPS and QUIC WG : supports whenever extensions to TAPS and QUIC are needed
    - Need feedback from DTN to map parts of DTN using TAPS specifications

Wrap Up

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