Transport Protocol Services (TAPS)

- Problem: more and more transport protocols available, with various features, even overlaps, not “generally” used
  - SCTP in browser for rtcweb data channel, and in special environments (telephony signalling)
  - Build your own over UDP if you can afford the effort (QUIC, RTMFP)
  - Maybe Minion in OSX one day? But Minion also only addresses a subset of features

  - Imagine an API that would not offer “TCP or UDP” but “transport services”
  - A transport system underneath the API could automatically make the best of what’s available, with fall-back to TCP (best effort)
  - Need to identify these services first; IETF is in the best position to do so

- Plan: request a BOF for IETF-89 in London
  Associated website: https://sites.google.com/site/transportprotocolservices/
  Mailing list: transport-services@ifi.uio.no
  https://sympa.uio.no/ifi.uio.no/info/transport-services

- Problem statement: draft-moncaster-.tsvwg-transport-services-00.txt