

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
- As a programmer, what do you do? Minion? SCTP(/UDP)? QUIC? D.I.Y./UDP?
 - 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/transportprotocollservices/>
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