

draft-gjessing-taps-minset-03

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Context (reminder)

- Charter item 2:
“Specify the subset of those Transport Services, as identified in item 1, that end systems supporting TAPS will provide, and give guidance on choosing among available mechanisms and protocols. Note that not all the capabilities of IETF Transport protocols need to be exposed as Transport Services.”
- Minimal set: We don't expose everything
 - that would make a very complicated API
- Mostly based on
draft-ietf-taps-transports-usage-02

Categorization (reminder)

- Functional (e.g. Unordered message delivery)
 - provide functionality that cannot be used without the application knowing about them, or else they violate assumptions that might cause the application to fail
- Optimizing (e.g. Activate Nagle)
 - Can't use without application-specific knowledge, but won't make an application "fail" (note: best effort)
- Automatable (e.g. Set Primary Path)
 - Could be used without application-specific knowledge

Notable changes from previous version

- Incorporated some additions that were applied to step 3 of draft-ietf-taps-transport-usage-02
- Now including
 - UDP and UDP-lite
 - SCTP (some added services)
 - MPTCP

A note on authentication

- There are at least two axes describing authentication:
 - Functional: On / off and if on: which key is used
 - Optimizing: Which chunk types not to protect

- Should this be a working group draft ?
- Thank you
- Questions?