

draft-beck-sipping-svc-charging- req-01

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56. IETF – San Francisco, CA

Problem

- UASs sometimes want to charge for call duration (media server applications, hotlines etc).
- users want to minimize the number of their accounts (= trust relationships)
- a Trusted Third Party (TTP) could help here

How to prove that a session is still active?

- make sure that UAs use an accounting proxy and are not able to send SIP messages directly to each other
- get signed and time-stamped tokens from a TTP and include them into INVITE and periodic UPDATE messages; Called party can use the tokens as evidence.
 - let a proxy insert these tokens?
 - get tokens elsewhere (as in OSP)?
- trade-off between accuracy and load.
- should pricing information be carried in SIP messages?

other TTPs in SIP

- PKI (S/MIME, TLS)
- network asserted identity (RfC 3325)
- authorization service (J. Peterson's draft)
- P-OSP-Auth-Token header (draft-johnston-sip-osp-token-04)

next steps

- Should this become a WG item?
- Or could this be an extension of NAI / Authorization Service work?