

REFER

draft-ietf-sip-cc-transfer-02

Changes since draft-ietf-sip-cc-transfer-01

- Allowed the ref= parameter in the Referred-By header to occur either before or after the optional signature
- Allowed name-addr|addr-spec for the referrer-url in a Referred-By header
- Quoted the referenced-url with <> and required escaping <> if they occur within the referenced-url

Changes since draft-ietf-sip-cc-transfer-00

- REFERs may be sent without an existing call-leg

Open Issue

- A REFER request can time-out before the requested action completes.

Possible Solutions

(A REFER transaction may time-out before the requested action completes)

1. Return acceptance of the REFER immediately, and follow-up with REFERDONE (and potentially REFERCANCEL and REFERPROGRESS)
2. Return acceptance of the REFER immediately, along with a URL to SUBSCRIBE to for progress/result of the REFER if the referring party is interested.
3. Use the current mechanism if the requested action completes within $\sim 1/2$ the UDP timer retransmission runout, otherwise use solution 2.