

REFER Clarifications

draft-sparks-sipcore-refer-clarifications-00

SIPCORE – IETF90

Change for next (final?) revision

- Leave room for extension
 - OLD
 - As a direct consequence of requiring the use of GRUU, and the requirements in section 4.5.2 of RFC6665, sending a REFER within any existing dialog is prohibited.
 - NEW
 - As a direct consequence of requiring the use of GRUU, and the requirements in section 4.5.2 of RFC6665, sending a REFER that might result in an additional dialog usage within any existing dialog is prohibited.

Point to Add about INVITE Dialogs

- Proposed Text
 - A UA that supports receiving REFER needs to include a GRUU as a Contact in INVITE requests to ensure out-of-dialog REFER requests related to this dialog arrive at this UA.
- This is consistent with RFC 3261 section 8.1.1.8, RFC 5589, and RFC 6665 section 4.5.1

Next Steps for this document

- Revise addressing the points discussed so far
 - Adjustment to leave room for future extension
 - Add sentence calling out need to use GRUU in original INVITE dialog
- Propose to submit this as WG -00 and start LC

Other potential work

- Should Adam submit a short update to RFC 6665 adding clarification to section 4.5.1
 - OLD:
 - Notifiers MUST implement the Globally Routable User Agent URI (GRUU) extension defined in [RFC5627], and MUST use a GRUU as their local target.
 - NEW:
 - Notifiers MUST implement the Globally Routable User Agent URI (GRUU) extension defined in [RFC5627], and MUST use a GRUU as their local target in any SIP message (including INVITE requests and responses) that might result in the creation of a dialog.