Updates to Referred-By in the Session Initiation Protocol (SIP)

Salvatore Loreto

Problem description

- RFC 3892 defines the "Referred-By" header field that allows the identity of the request originator to be sent to the recipient(s) of a request, when the request is handled by a "Referee".

- RFC 3892 allows only one URI to be inserted in the Referred-By.

- The OMA SIMPLE IM specifications use the Referred-By header when a conference server explodes the request to a pre-defined group, to convey the identity of the original request sender. In that case, the Request-URI contains the identity of the pre-defined group.

Solution

- While it is desirable to convey the identity of only one original sender in the Referred-By header, that identity when taken from the P-Asserted-Identity header must convey all the values contained in that header.

- The P-Asserted-Identity header is composed of more than one URI, i.e., a SIP or SIPS URI and a TEL URI.

- Draft 3892bis proposes that both the SIP or SIPS URI and the TEL URI that constitute the identity of the Referrer be included in the Referred-By header.