

Location Conveyance in SIP

draft-ietf-sip-location-conveyance-02

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March 20th, 2006

Location Conveyance

Goal of document:

- how SIP conveys, or pushes, device location from endsystem to endsystem
- define SIP as a Geopriv “Using Protocol”, per RFC 3693
- SIP Element behaviors depend on intent of Location Conveyance

Changes since -01

- streamlined the doc by removing text (ultimately removing 42 pages of text).
- Limited the scope of this document to SIP conveyance, meaning only how SIP can push location information.
- reduced emergency calling text to just a few paragraphs now that the ECRIT WG is taking most of that topic on.
- greatly reduced the number of requirements in this version.
- reduced option tag proposal to 2 (from 7)

Changes since -01 (cont'd)

- changed the requirements groups from "UA-to-UA", "UA-to-Proxy", etc to "UAC Reqs", "UAS-Reqs" and "Proxy-Reqs" to focus on what is being asked of each SIP element.
- Removed the full SIP message examples.
- completed the ABNF for the Location header, including a cid-url to point at a message body part to help in parsing for location.
 - still open issue
- Deleted the call for a new 425 (Retry Location) response code, as it appears this can easily be used to spoof a UA into providing where it is inadvertently, even if the intent is legitimate by the UAC.

Open Issues

- Need to nail down the ABNF of Location header
- Minor spelling and XML nits to do
- Request to move Requirements to appendix (makes doc cleaner looking)
- Request to reduce existing examples to one (for INVITE)
- Request to drop Unknown-Location option tag
- Need to articulate the use of Unsupported header
- Request to clarify remedies to reception of a 424
- Request to clarify text surrounding multiple location indications (i.e. 2 PIDF-LOs of PIDF-LO and Header)

What's next?

- WG Milestone is this month
 - authors are working towards May 06 WGLC
- Fix all open issues within a month, then
- Need another good review (or two)