HELD Dereference

draft-ietf-geopriv-deref-protocol

James Winterbottom, Hannes Tschofenig, Henning Schulzrinne, Martin Thomson, Martin Dawson
Status

- Updated to include section on access control
- Establishes scope for the document
  - No authentication scheme, but describes use of possession model
  - No system for establishing policy rules, but references one potential mechanism
Issue: HTTP GET requests

• Currently undefined behaviour
  • Could assume that a LIS provides an HTTP 405 (Method Not Allowed) error
• Previous decision to use https: scheme relied on recipient having context
  • Context identified the resource as a HELD one
  • Problem if URIs are received with no context
  • “Default” HTTP behaviour for a resource is GET
• Two concerns to address:
  • GET requests will not contain a request body
  • GET requests must be idempotent
Proposed Solution

- Idempotence is only a problem if providing a location URI, which is forbidden for dereference
- Describe how HELD works with GET in this document
- Describe what HELD semantics are expected for a GET request
  - Might describe in terms of a “default” request
    `<locationRequest/>
  - …or
    `<locationRequest>
      `<locationType>geodetic civic</locationType>
    </locationRequest>`
Actions

- Update document
- Request WGLC afterwards