draft-goix-appsawg-enum-acct-uri-00

Laurent-Walter Goix

Kepeng Li

Enum acct URI registration

- Enum Service registraion for acct: URIs
  - Example: +44 1632 960123

    ```
    $ORIGIN 3.2.1.0.6.9.2.3.6.1.4.4.e164.arpa.
    IN NAPTR 10 100 "u" "E2U+acct" "!^.*$!acct:441632960123@foo.com!" .
    IN NAPTR 10 101 "u" "E2U+acct" "!^.*$!acct:john.doe@example.com!" .
    ```

- Renaming of draft-goix-appsawg-enum-sn-service
  - Builds on draft-ietf-appsawg-acct-uri
  - In line with draft-ietf-appsawg-webfinger

- Main changes wrt previous version
  - Introduced/clarified use case section
  - Expanded the security section
  - Terminology/example cleanup

Use cases improvements

- Created dedicated section
- Clarified the actual problem(s) to be solved (as requested)
  - Routing of mobile social communications
  - Reverse phone lookup

Security section improvements

- Added privacy considerations wrt phone number resolution
  - users MUST consider the information provided in the resource identified by the ENUM record as well as in the record itself
  - providers SHOULD serve information only to entities of the user's choice and/or limit the information provided based on the identity of the requestor
- Clarified why inserting link rel endpoints directly in ENUM itself is not appropriate
  - Technically feasible, however the visibility of ENUM records cannot be controlled based on the requesting entity.
  - In that context the simple mapping of the phone number to the account identifier, notwithstanding the disclosure of the association itself, still enables the reuse of more advanced access policies.

Enum acct URI registration: next steps

- Further clarify
  - ENUM mapping applies to any acct: URI (not only telco, e.g. company account)
  - OMA Social Network Web enabler usage (mandates acct: and tel: URIs, references this draft)
- Move forward
  - In theory, it belongs to ENUM, but WG is closed
    - Good feedback on the ENUM list, and from ENUM expert (Bernie)
  - Alternatives
    - Adopt in APPSAWG?
    - Move forward as AD sponsored?