

# draft-goix-appsawg-enum-sn- service-02

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# Enum SN registration

- Enum service registration for acct: URIs
  - Builds on draft-saintandre-acct-uri
  - In line with draft-ietf-appsawg-webfinger-00
- Rationale: Resolution of phone numbers into accounts on Social Network Service Providers
  - Related to OMA SNeW (Social Network Web) enabler: federation of Social Networks using phone number identities

# Enum SN registration (cont'd)

- URI schemes supported for new type “sn”
  - Only acct: URI for now
  - Example: +44 01632 960123  
\$ORIGIN 3.2.1.0.6.9.2.3.6.1.0.4.4.e164.arpa.  
IN NAPTR 10 100 "u" "E2U+sn" "!^.\*\$!acct:john.doe@example.com!" .
- Loop mitigation
  - Recursion possible over tel: URIs (e.g. for number portability)
  - Stops after 5<sup>o</sup> recursive query as suggested in RFC6116
- Security
  - No additional issues wrt ENUM beyond RFC6116
  - Refers to WF draft security mechanisms for protecting access to PII based on the resolved acct: URI

# Enum SN registration: next steps

- Enhance terminology
  - from « SN » (OMA context-specific) to generic « Service Provider account » service (i.e. s/sn/acct:/)
- Move forward (?)
  - In theory belongs to ENUM, but WG is closed
    - Good feedback on the ENUM list, and from IESG ENUM expert (Bernie)
  - Move forward with WF?
    - Adopt in APPSAWG?
    - Move forward as AD sponsored? APP? RAI?