A SIP Usage for RELOAD

draft-ietf-p2psip-sip-07++

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Status of the Draft

- draft-ietf-p2psip-sip-07 stable for a while …
  - Content mainly there
  - Some open issues (see next)
  - Thorough review by Marc Petit-Huguenin

Objectives

- Clear issues/ open design choices
- Update document
- Finish soon 😊
Issue #1: AOR matching overlay name?

Four choices:

1. Strict matching
2. Right-most partial matching
3. Leave it to the enrollment server
4. Make it configurable in the Overlay Configuration Document

Has implications on look-up strategy
Issue #2: Format of contact_prefs

- Currently unspecified: opaque
- Possibly specifications:

RFC 2533 – media feature set syntax

```plaintext
(& (sip.mobility=fixed) (| (! (sip.events=presence))
 (sip.events=message-summary)) (| (language=en)
 (language=de)) (sip.description="PC") (sip.newparam=TRUE)
 (rangeparam=-4..5125/1000))
```

RFC 3840 – SIP style transformation

```plaintext
<sip:user@pc.example.com> ;mobility="fixed";events="!
presence,message-summary" ;language="en,de";description="<PC>" ;
%sip.newparam;+rangeparam="#-4:+5.125"
```
Issue #3: Anonymous GRUU

Two mechanisms sketched:
- Individual node IDs per GRUU
- Compressing peer to obfuscate destination list

Do we want to elaborate on this?
Issue #4: Security

- Open naming introduces side effects
- Anything else?
Issue #5: Code Point

- Marc: early implementations need a number for interoperability testing
- Base spec leaves „1“ open
- Any objections to go for this?
Anything else missing?