A SIP Usage for RELOAD

draft-ietf-p2psip-sip-07++

Thomas C. Schmidt
t.schmidt@ieee.org

Status of the Draft

o draft-ietf-p2psip-sip-07 stable for a while …

- Content mainly there

- Some open issues (see next)

- thorough review by Marc Petit-Huguenin

o 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

o Currently unspecified: `opaque`

o Possibly specifications:

RFC 2533 – media feature set syntax

```
(& (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

```
<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:

o Individual node Ids per GRUU

o Compressing peer to obfuscate destination list

Do we want to elaborate on this?

Issue #4: Security

o Open naming introduces side effects

o Anything else?

Issue #5: Code Point

o Marc: early implementations need a number for interoperability testing

o Base spec leaves „1" open

o Any objections to go for this?

Anything else missing?