

SPEERMINT Requirements and Terminology

draft-ietf-speermint-reqs-and-terminology-01.txt



Agenda

- Current Events
- "Controversial" Definitions
- Division of Labor
- Discussion/Questions/Comments

Current Events

■ Rohan's comments

- NAPTR discussion (section 2)

Notes that there will often be 2 NAPTR lookups (1 for ENUM, 1 for selecting the SIP transport). Suggests referring to RFC3263 (rather than describing the additional SIP DNS lookup steps)

- Note Richard (Stastny's) comment that we may also have a third (or more) NAPTR lookup, for example, the proposed Policy NAPTRs. The point being that we need to make clear what NAPTRs we are talking about.

Current Events, cont

- Discussion of federation and "carrier clubs" (section 5.1)
 - See also David Schwartz

- Suggested new wording:
 - Layer 5 peering refers to interconnection of two service providers for the purposes of exchanging SIP signaling. Note that in the layer 5 peering case, there is no requirement for any intervening "Layer 5 Transit Network". Each service provider is expected to interconnect directly with other service providers, although a service provider is allowed to interconnect through another domain (ex: a federation) to act on its behalf. This document neither precludes nor encourages this behavior.

Current Events, cont

- "Carrier ENUM" -> "Infrastructure ENUM"
 - James McEachern/Richard Stastny

- Various nits to be incorporated

"Controversial" Definitions

- tel URI out of scope for speermint?
 - James McEachern

- Use of 2119 language
 - James McEachern: "Section 5.8 says our protocol must be generic enough to encompass other protocols. Do we really view this as a "must", or could it be a "should"?"

- "Layer 5 Peering" (section 3.6.2)
 - Covers all use cases? (David Schwartz)
 - "Layer 5 Transit Networks"
 - TRAIT v. FEDS, redux

L5 Transit -- TRAIT v. FEDS

■ TRAIT

- draft-ietf-sipping-trait-Authz-02.txt
- Defines a federation as a set of administrative domains that implement common policies regarding the use and applicability of traits for authorization decisions

■ FEDS

- draft-lendl-speermint-federations-00.txt
- Defines the same entity as a group of VoIP service providers which agree:
 - to receive calls from each other via SIP,
 - on a set of administrative rules for such calls
 - on specific rules for the technical details of the interconnection

■ TRAIT is a more general formulation....

Division of Labor

- So, I added some requirements to this document
- Bob (Natale) working on a requirements document
- Keep this document "definitions only"?
 - Consolidate requirements into Bob's document?

Questions/Comments?

Thanks!