

DIME S-NAPTR Usage

Thursday, July 28, 2011

draft-ietf-dime-extended-naptr

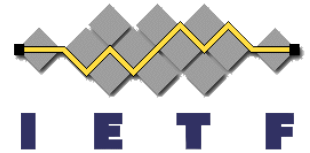
Mark Jones

Jouni Korhonen

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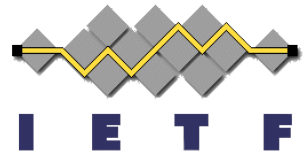
IETF 81

Quebec City, Canada



Current Status

- Latest rev is -08.
- IESG review completed in May.
- Has one outstanding DISCUSS.
- Has enough votes to pass once the DISCUSS is resolved.

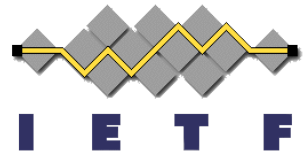


IESG Comments

- Remove citation from Abstract.
- Tighten the ABNF for the Application Service Tag.
- Add more examples.
- Question on likely RRSET size. (Small)
- Get TSVDIR review.

IESG DISCUSS

- Resulted from TSVDIR review:
 - *“The suggested alternate NAPTR structure seems to imply two things:*
 1. *more than just TCP and UDP as transport labels*
 2. *a hierarchical structure of labels that includes intermediate encodings”.*
- Lots of email exchanged on this.
- On the structure implications:
 1. True but it has no impact on replacement string for SRV entries (`_service._proto.example.com`).
 2. Protocol tag is simply a label and no hierarchical namespace is implied.



IETF DISCUSS Resolution

- Conf call with DISCUSS author yesterday (Joe Touch).
- Agreed next I-D rev will state:
 1. the S-NAPTR Service/Protocol tags are unrelated to the IANA Service Name and Transport Protocol Port Number Registry.
 2. the Application Protocol tag must not be parsed in any way by the querying application or resolver. The delimiter (".") is present in the tag to improve readability and does not imply a structure or namespace of any kind.
 3. the choice of delimiter (".") for the Application Protocol tag follows the format of existing S-NAPTR registry entries but this does not imply that that it shares semantics with any other RFCs that have created registry entries using the same format.
- Hopefully this now closes the DISCUSS.



Next Steps

- Submit a new rev of the I-D.
- Close the DISCUSS.
- Publication.

- Note: 3588bis and radext-dynamic-discovery need to incorporate the DISCUSS resolution or face the same objection.