CDNI Redirection Interface
draft-ietf-cdni-redirection-18

IETF 96

Berlin

Ben Niven-Jenkins

Ray van Brandenburg

Update since Buenos Aires

- Still in IESG review
  - Addressed majority of IESG comments
  - 1 DISCUSS still open

- 1 new version (current: -18)

- Open IESG comments
  - Stephen Farrell DISCUSS related to privacy
  - Stephen Farrell COMMENT related to i8n

- Other things to address
  - Clarify/remove CGN example in section 5.2

Privacy DISCUSS

- Related to privacy impact of information carried in CDNI RI
- IESG (Stephen) suggested "privacy advisors" who may have suggestions to resolve
  - Thanks to Rich Salz & Brian Trammell for volunteering ☺
  - Editors, Rich & Brian discussed
  - Outcome: Clear that dCDN needs to have information about UA in order to effectively do its job.
- Had talk with Stephen this week
  - Agreed to change text to make clear that uCDN should <u>only</u> send information that dCDN <u>needs</u> to be able to make redirection decision
  - Exactly what is needed depends on use case and can be communicated out-of-band
  - Highlight some especially vulnerable fields (cookies, etc.)
  - Remove wording such as 'uCDN SHOULD convey as   much information as possible to'

i18n

- Stephen's COMMENT

  4.4.2: a JSON "string" is not the same as a DNS name is it? What about i18n? (ULABEL or ALABEL?) what about odd characters allowed in JSON but not in DNS names? In general the fields in this dictionary (and others) seem underspecified to me.

- Fair comment ☺
  - Applies to qname (RI requests) & cname (RI response) keys
  - Proposal: state qname & cname "MUST contain the ASCII-compatible encoded (ACE) representation of an internationalised domain name"
  - Logic: ACE representation == ALABEL
    - ALABEL is what is carried in DNS protocol on the wire
    - CDNI RI is essentially re-encapsulating what is on the wire
    - Why do an unnecessary conversion (ALABEL-ULABEL-ALABEL) if we do not have to
  - Questions (also sent to the list & Stephen):
    - Is there a DNS expert the editors can work with to get the wording & terminology right?
    - Does the wording above also adequately cover non-internationalised domain names?

Next steps

- Resolve remaining DISCUSS & COMMENT
- END