A Special Purpose TLD to resolve IPv4 Address Literal on DNS64/NAT64 environments

draft-osamu-v6ops-ipv4-literal-in-url-02

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Change Log

- Title
  - more specified title

- Intended status
  - informational -> experimental

- Sentences
  - Reflect comments in and after IETF 90 v6ops

- The candidate special-purpose TLD
  - .v4 (section 3.6)
    - .host has been delegated as gTLD for global hosting
    - A Simple TLD is considered
    - Our recommendation

- Other candidates (section 4.6)
  - .v4.arpa
  - Delegation of .0 through .255 (or .000 through .255)
Issues for v6ops community

• Is IPv4 address literal really a problem?
  • We had rough consensus in IETF 90 with CERNET cases, however, I would like to confirm the consensus of v6ops community again

• Does draft-02 cover all comments in / after IETF 90?
  • If any, please give us your comments
Toward discussion in DNSOP

- As v6ops, we need rough consensus on candidates
- Which TLD candidate is preferred?
  - .v4
    - Simple, but New TLD
    - Our recommendation
  - .v4.arpa
    - Bit long (8 characters), however, No TLD request
    - 0 - 255(256) or 000 - 255(356)
    - TLD less delegation that may also absorb dumb queries

- Summary of discussion will be presented in DNSOP WG