

# Routing Request Redirection for CDN Interconnection

draft-he-cdni-routing-request-redirection-04

IETF 86

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# Changes since -03

- Many editorial changes & re-structuring
  - Aligned terminology with accepted DNS terminology
  - Removed metadata link from the RI Request
- Added some initial text on loop detection
  - draft-choi-cdni-req-routing-redir-loop-prevention
    - Covers both loop detection for RI and for actual redirection/acquisition URLs
    - Covering loop detection for redirection/acquisition does not feel right (IMO) in the RI specification
      - **What is the WG's view?**
- Included more text/detail on the RI protocol itself
  - On the wire formats explained rather than just examples
    - Request/Response message body syntax/structure
    - Individual properties for DNS/HTTP based redirection
    - Error responses still need more explanation

# Open Editors' Notes / Questions

- 14 editors' notes, only pulled out most immediate ones
  - Welcome comments/feedback/text for the others too.
- Currently we only allow **one** of dns/http keys in response
  - **Is this too inflexible?** E.g. dCDN may be willing to do either
- Loop detection
  - **Is cdn-path useful on responses as well as requests?**
- HTTP redirection
  - Currently have Client IP & Request URI
  - **What other attributes of the UA request need to be included to enable request routing?** (METHOD, Version, Other Headers)
- **Additional scopes to allow in RI responses?**
  - Currently just have UA/DNS resolver IP address range
  - Ability to indicate wider scope on Request URI appears useful in some scenarios
  - **What else?**
- **WG Adoption?**