

CDNI Metadata Interface

draft-ietf-cdni-metadata-00

CDNI Working Group
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Working Group Draft Submitted

formerly **draft-cjlmw-cdni-metadata-01**

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resolved conflicts with **draft-ma-cdni-metadata-03**

Kevin Ma

Base Set of Metadata

What is the default set of metadata that all CDNs must support to interoperate?

Current metadata:

- Acquisition sources

- Location, Time Window, and Protocol ACLs

- Authentication

XML vs JSON

How should metadata be encoded?

draft-ietf-cdni-metadata-00 includes both encodings

Pick one to use consistently across all CDNI interfaces

Relationship with Capabilities

Should CDN capabilities be tied to metadata?

i.e. CDN capabilities are summarized by a list of metadata properties that the CDN supports

e.g. CDN A advertises to CDN B that it supports metadata properties x-feature-1 and x-feature-2. If CDN B receives a request for delivery with x-feature-1 then it can redirect to CDN A

Metadata Rewriting

Should metadata be rewritten between CDNs?

CDNI Metadata may include URIs pointing to a uCDN

If passed through multiple CDNs,
how should these URIs be rewritten?

Next Steps

Solicit comments on draft-ietf-cdni-metadata-00

Close on open discussion items

Verify alignment with other drafts