

URI Signing for HAS content

draft-brandenburg-cdni-uri-signing-for-has-03

CDNI

IETF 96

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TNO

Recap

- URI Signing as specified in draft-ietf-cdni-uri-signing does not natively work for segmented content (e.g. HLS, DASH, etc.)
 - Main issue: With manifest-based content with relative URLs, each request is independent, with no redirection between CSP and CDN
- This document specifies extension to draft-ietf-cdni-uri-signing to allow for chaining of tokens between subsequent segment requests

Update since BA

- New -03 version
 - Restructured algorithm sections to be in line with recent versions of draft-ietf-cdni-ur-signing
 - Removed header-based transport mechanism in favor of cookie-based one
 - Works for legacy clients as well
 - Future transport mechanisms can be signalled through STT extension mechanism
 - Added mechanism for falling back on query string-based transport to deal with cross-domain cookie restrictions
- New IPR disclosure: royalty free
 - <https://datatracker.ietf.org/ipr/2806/>

Next steps

- Adopt as WG document?
- Next iteration
 - Align with newest version of draft-ietf-cdni-uri-signing
 - Address comments from Kevin