

URI Signing

(draft-ietf-cdni-uri-signing-05)

CDNI Working Group
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Changes From Ver -04 to -05

- Reset the draft to prior content before HTTP Adaptive Streaming was added

WG Review

- Leif Hedstrom provided thorough review in mailing list (with contributions from Phil Sorber)
- Editorial nits and clarifications
- Support URI path selection if consensus for base method can be reached
- Allow flexible prefix length for client IP
- Cover DOS protection use case using URI Signing

WG Review

- Support protection for original Signed URI, which cannot be changed (attributes added/deleted/re-ordered)
- Support protection for URI scheme portion (e.g. require <https://...> , such that scheme cannot be changed)
- Anonymization of client IP for privacy may be supported using similar method as CDNI Logging, to be further discussed
- Add nonce IE to improve protection property

Next Steps

- Brian Weis will review draft for early security review
- Resolve outstanding issues from Leif's review and incorporate review comments into next revision
- WG Last Call after that?