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?