

CDNI Triggers

draft-murray-cdni-triggers-02

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IETF 86 Orlando – March 2013

Changes between '01' & '02'

- Multiple triggers in a request
 - Added in '01'
 - Attempted to resolve race condition between preposition and invalidate/purge requests affecting the same URLs, but ...
 - Even if transit CDN passes the combined request to dCDN, dCDN could still prepopulate by acquiring content not yet invalidated in transit CDN.
 - Removed in '02'
 - Timing responsibility now pushed back to uCDN

Changes between '01' & '02'

- Error handling
 - Behaviour in the presence of offline caches
 - Allow dCDN to report completion in the future (esp. for invalidate)
 - Some errors reported using HTTP status
 - Malformed request, permission errors
 - For others, enumerated error codes
 - EMETA, ECONTENT, EPERM, EREJECT, ECDN
 - “ErrorDesc” object
 - ErrorCode
 - References to affected Content/Metadata
 - Optional human-readable description for debug (open question about internationalisation – may be simpler to remove?)

Changes between '01' & '02'

- Aligned metadata references with the metadata draft
- Ignore 'scheme' (http/https) when matching content urls for invalidate or purge

Next steps

- Is triggers a separate interface or do we expand it to be the control interface?
- Working group adoption