

CDNI Triggers

draft-murray-cdni-triggers-00

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Requirements

- Addressing Control Interface Requirements for Triggers only
- Upstream CDN (uCDN) may ask Downstream CDN (dCDN) to...
 - Invalidate or Delete Content or Metadata
 - Preposition Content or Metadata
 - Report on those actions

CDNI Triggers Model

- RESTful web service provided by dCDN
 - JSON over HTTP
- POST to dCDN to create a trigger
 - Returns a Trigger Status Resource
 - GET/HEAD for status
 - DELETE to clear (*may* stop a running trigger)
- Collections of Triggers
 - Pending/Active/Complete/Failed

Discussion from the list

- Sequencing triggers
- RESTful interface and polling
- Error indications
- Access control

Open Issue - Data References

- Reference to Metadata
 - Its URL, as supplied to dCDN by uCDN
- Reference to Content – options...
 - Canonical URL / Origin URL / Metadata URL
 - *Driven by Metadata Interface?*
- Patterns allowed for invalidate/purge
 - *Again - driven by Metadata Interface?*

Control or Metadata Interface?

- Perhaps Metadata ...
 - Makes reference to Metadata
 - Content referenced as by Metadata
- Perhaps Control ...
 - Control of data
- Just naming
 - It's a separate interface with its own semantics