RFC 8007: CDNi Control Interface / Triggers

- Content/Metadata management
  - Preposition
  - Invalidation
  - Purge

- I-D draft-ietf-cdni-triggers-extensions
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Added Functionality: Trigger Extensibility

- **RFC 8007**
  - Closed set of Trigger’s properties
  - Do not support fine control over trigger execution
    - Location
    - Time

- **I-D draft-ietf-cdni-triggers-extensions**
  - Generic Extensions
    - RFC 8006: GenericMetadata
  - Trigger/Error.v2 objects
    - New property: List of extensions
Added Functionality: Error Propagation

- **RFC 8007**
  - uCDN is not able to identify the dCDN originating the Error

- **I-D draft-ietf-cdni-triggers-extensions**
  - Error.v2 object
    - New property: cdn
Added Functionality: Content Selection

- **RFC 8007**
  - A set of properties
    - metadata.urls, content.urls, metadata.patterns ...

- **I-D draft-ietf-cdni-triggers-extensions**
  - Support Regex and Playlist (HLS etc.)
  - Triggers.v2 / Error.v2 objects new properties
    - New properties: content.regexs & content.playlists
Additional Proposal (not in the current draft): Future Content Selection Methods

Current Trigger Properties

- type
- metadata.urls
- content.urls
- content.ccid
- metadata.patterns
- content.patterns
- content.regexs
- content.playlists
- extensions
- cdn-path

Suggested Trigger.V2 Properties

- type
- objects (GenericTriggerObjects list)
- extensions
- cdn-path

**Suggestion**

- Benefit: Avoid future redefinition of the trigger/error objects
- Trigger/Error new properties:
  - List of content/metadata-selection objects
- The supported list of selection methods would be exposed by the FCI
- To be added after the draft becomes a WG draft
Request for the new draft to be adopted by the WG

- draft-sopher-cdni-triggers-extensions-rfc8007bis
- Merge I-D draft-ietf-cdni-triggers-extensions into RFC-8007
- Obsolete RFC-8007