

CDNI Control Interface / Triggers - 2nd Edition (RFC 8007bis) IETF 119

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Brisbane, March 19th 2024

RFC 8007bis v11: What changed from v9?

- **Published v10 on January 26th 2024: Activity to keep draft active**
 - <https://datatracker.ietf.org/doc/html/draft-ietf-cdni-ci-triggers-rfc8007bis-10>
- **Published v11 on March 4th 2024: Address nits, review comments**
 - <https://datatracker.ietf.org/doc/html/draft-ietf-cdni-ci-triggers-rfc8007bis-11>
- **What changed?**
 - Fixed numerous grammatical and spelling errors
 - Responded to 3 issues raised by IANA, which were covered during IETF118
 - Responded to feedback provided by Kevin Ma
 - Sec 7.4.1 URI Regex Match Spec: Changed from PCRE to POSIX regular expressions
- A diff from the v9 is available at:
 - <https://author-tools.ietf.org/iddiff?url1=draft-ietf-cdni-ci-triggers-rfc8007bis-09&url2=draft-ietf-cdni-ci-triggers-rfc8007bis-11>

DateLocalTime vs. ISO 8601

- 8.2.3. DateLocalTime - Kevin Ma: *“Seems like a lot of effort just to get a datetime with no timezone. Can we not just use ISO 8601 localtime?”*
- DateLocalTime is a timestamp that follows Section 4.3.2 of ISO8601 as a complete date and time extended representation with time zone elided
 - Example: 2024-03-19T09:30:00
- Aiming for simplicity:
 - Exact accuracy is not an objective
 - CI/T v2 does not support the decimal fractions of a second
 - CI/T v2 does not take leap second into consideration.
- DateLocalTime follows ISO8601, but enforces a more restrictive syntax for simplicity
- Please ignore the incorrect examples in Section 8.2 in v11 (will be fixed in v12)

What's outstanding?

1. Correct 1 small nit from PCRE to POSIX change (Section 7.4.1)
 - From: “This regular expression MUST be evaluated in the POSIX **locate**”
 - To: “This regular expression MUST be evaluated in the POSIX **locale**”
2. Fix examples in TimePolicy Extension (Section 8.2)
 - From: “2024-03-19T09:30:00.**00**”
 - To: “2024-03-19T09:30:00”
3. Fix any other nits/edits as the document is updated
4. Review Alan's proposed changes

Next steps?

- Submit v12 with all outstanding issues from v11 addressed
- Submit v13 with Alan's proposed suggestions
- Request review and WGLC