

draft-ietf-suit-manifest- 26

ietf 120

Summary of changes

- Addressed DISCUSS items from review
- Editorial nits, broken references

Changes (1/4)

- New definitions added
 - Pull Parser: A parser that traverses the data and extracts information on an as-needed basis.
 - Severable Element: An element of the manifest that supports elision of hashed data. If a hash of the data is included in the manifest and the data is included in the envelope, then that data may be elided.
- Explained context for Recipient-generated MAC authentication of manifest
 - Energy savings for constrained applications

Changes (2/4)

- Clarification on Severable Elements:
 - This is a form of elision of hashed data. The elements in the envelope are verified by Integrity Check Values and therefore cannot be replaced with other elements even if they are authenticated elements
- Abstract Machine pseudo-code definitions:
 - Renamed “statement” to “expression”
- Clarified parallel/OoO processing with strict-order = false
 - Explained commands being added to issue queue. Explained barrier behavior of specific conditions (draining the queue prior to continuing)

Changes (3/4)

- i8n rendering of URIs
 - URIs in SUI are for machine access only.
 - Rendering concerns are irrelevant
 - Clarified that SUI URIs are utf-8
 - Encoding is the same as CBOR Tag 32, but the tag is omitted because it is implied by context
- Added commentary on fetch/copy optimization
 - Fetches/copies may be optimized by:
 - Checking if the target component matches the expected digest before fetching
 - Checking if another component matches the expected digest before fetching

Changes (4/4)

- IANA considerations
 - Changed from Expert Review to Specification Required
 - Inserted Reserved for all 0 indices
 - Removed existing Reserved items
 - Changed media type to application/suit-envelope+cose

Outstanding Issues

- None Known