

draft-ietf-suit-manifest-25

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AD Review Updates

- Primary update:
 - add mapping from RFC9124 requirements to manifest features
 - Highlight missing requirements & direct to appropriate extension
- Some editorial updates

New discussion as of 2024-02-28

- Clarifications needed on expert review instructions
- Editorial fixes required:
 - Removal of nint from IANA section
 - Terminology additions
 - Update of references
- Use of URI References (RFC 3986)
 - Does this preclude UTF-8 & internationalization?
 - Change to IRI References (RFC 3987)?
- Should extension drafts have normative references in manifest draft?

Progress on discuss points

- Need WG input on internationalization points
- Will take some time—many editorial updates
- Normative references to extensions will create a cluster.

Separation of fetch & install

- The update procedure is notionally 2 sub-procedures:
 - Fetch (dependency resolution & payload fetch)
 - Install (candidate verification & installation)
- Important if fetch & install are in different trust domains
 - Multiple-trust-domains is where candidate-verification is defined
 - E.g. differential update in dedicated installer image

Candidate verification & install ordering

- SUIT command sequences are in numerical order
 - Simplifies pull parsing since parser doesn't jump around
 - Candidate verification should come before install
 - Fetch is 16, install is 17
- Can we re-key install?
 - It's very late for a change like this.
 - Need feedback from implementors.
 - Question has been posed to the list
 - no feedback except from requester of Candidate-Verification

Nearly there!