draft-ietf-stir-passport-rcd-24

STIR Working Group
IETF 116 - 3/28/2023

SOMOS®

Changes 23->24

- Resolving last comments
- Roman Danyliw’s very comprehensive comments were the bulk of the changes
- In terms of mailing list comments, Ben provided a comment regarding URIs whether we support HTTPS and/or CID or otherwise

SOMOS®

Changes 23->24

- “nam” key section added: “The key syntax of "nam" MUST follow the display-name ABNF given in [RFC3261]”
- “icn” key section changed from URI to HTTPS URI (related to Ben’s comment): “The "icn" key value is an optional HTTPS URL reference to an image resource that …” and later in that section “… there are alternative ways of including photos and logos as HTTPS URL references …”
- JWT Claim Constraints for "rcd" claims section changed: “The "permittedValues" for the "rcd" claim MAY contain a single entry or optionally MAY contain multiple entries with the intent …”
- JWT Constraint for "crn" claim section logic was not clear: Changed an unnecessary MUST to more appropriate RECOMMEND with new description
- "rcdi" Integrity Verification section 1st paragraph is rewritten for clarity

SOMOS®

Changes 23->24

- "rcdi" Integrity Verification section added a last paragraph: “As a potential optimization of verification procedure, an entity that does not otherwise need to dereference a URI from the "rcd" claim for display to end-user is NOT RECOMMENDED to unnecessarily dereference the URI solely to perform integrity verification.”

- Level of Assurance section removed the following: “As stated in the previous section, the use of "iss" MUST reflect the subject field of the certificate used to sign a third-party PASSporT to represent that relationship.” And clarified the following: “Therefore, third-party PASSporTs that carry "rcd" data are RECOMMENDED to also carry an indication of the identity of the generator of the PASSporT in the form of the 'iss' claim.”

- Using "rcd" and "rcdi" as additional claims to other PASSporT extensions section removed the note.

SOMOS®

Changes 23->24

- Added to Security Considerations the two following paragraphs:
  - “The dereferencing and download of any RCD URI linked resources as part of verification either in-network or on device could provide some level of information about calling patterns, so this should be considered when making these resources available.”
  - “As general guidance, the use of URLs and URIs that reference potentially dangerous or intentionally harmful content should be considered in implimenting this specification. {{RFC3986}} Section 7 contains good additional guidance to consider when communicating or dereferencing URLs and URIs.”
- Many additional cleanup of references to documents, sections, etc.

SOMOS®