PIV CARD APPLICATION

PIV Card Application Management

- Already Discussed:

- Remote Post Issuance Update (Re-Key)
- Remote PIN reset

PIV Logical Credential:
Digital Signature Key And Key Management Key

Comments: In support of the FICAM Roadmap, the DSK and KMK should be mandatory.

Revised Draft:
The DSK and KMK are included as core mandatory*credentials of the PIV card

*if the cardholder has a government-issued email account at the time of credential issuance

PIV Logical Credential: Facial Image

Comments: All PIV Cards should store the facial image on-card

- to provide a low cost alternative for cardholder identification and authentication,
- to align with PIV-I card specification

Revised Draft:

- Facial image is now one of the core mandatory credential of the PIV Card.
  - used for off-card comparison in operator-attended environment

PIV Logical Credential: Iris Image

Comment: Requiring iris as an alternative to fingerprints is cost prohibitive.

Revised Draft: Iris image is an optional credential of the PIV Card.

- Used for off-card biometric authentication (BIO, BIO-A)

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Credential Identifier:
UUID

Comments: The Universally Unique Identifier (UUID) must be mandatory for interoperability between PIV and PIV–Interoperable (PIV–I) ecosystems.

Revised Draft:

- specifies the UUID as a mandatory unique identifier for
  the PIV Card (in addition to the FASC-N)

New Option:
Secure Messaging

Comments: Secure messaging capability should allow all functionalities of the PIV Card to be accessible over the contactless interface of the card.

- *Revised Draft FIPS 201-2 introduced “virtual contact interface” over which all functionality of the PIV Card is accessible.*

ISO/IEC 24727 and FIPS 201 Some Background

- This reference has been added to allow the possible future inclusion of an ISO/IEC 24727 profile that enables middleware a degree of independence from credential interfaces and vice versa
- The standard assigns to DOC the task of evaluating and eventually proposing an (optional) profile based on ISO/IEC 24727

ISO/IEC 24727 Optional Profile

Comment: Does the first revision text imply that "...an optional profile of ISO/IEC 24727..." will become mandatory at some future, unspecified date?

Revised draft:

Specifications of the profile will become effective, as an optional means to implement PIV System readers and middleware, when OMB determines that the profile specifications are complete and ready for deployment.

Questions (?)