

Interagency Advisory Board

Meeting Agenda, March 5, 2009

1. **Opening Remarks (Tim Baldrige, NASA)**
2. **Federal Identity, Credential, and Access Management (ICAM) – The Future of the Government’s IDM Strategy (Judy Spencer, GSA)**
3. **Co-Development of PKI/BLADE and PIV: Requirements and Roadmaps (Jarrod Frahm, DOS and Bill Macgregor, NIST)**
4. **Winter Chill Exercise Debrief (Craig Wilson, FEMA)**
5. **MSO SSP Update (Steve Duncan, GSA)**
6. **PAIWG Update (Tim Baldrige, NASA)**
7. **Closing Remarks (Tim Baldrige, NASA)**

Proposed PIV GUID Architecture

Tim Baldrige

February 25, 2009

Problem Statement

- Federal and non-Federal stakeholders recognize the value of extending PIV Card Issuer (PCI) capabilities external to the Government while remaining conformant with existing standards and guidance
- The issue is that the current PIV identifier number model based on the FASC-N was not designed to support non-Federal PCIs

Current State

- NIST SP 800 73-2 Part 1, Section 3.1.2
 - “The Global Unique Identifier (GUID) field must be present, and may include either an issuer assigned IPV6 address or be coded as all zeros”
 - “The GUID is included to enable future migration away from the FASC-N into a robust number scheme for all issued credentials.”
- The GUID reservation is defined in some, but not all relevant PIV data model components and PKI Certificates.

Proposed GUID Definition

- With general consensus from the PIV community the following requirement establishes the GUID number assignment
 - The GUID shall be assigned to each issued PIV Card according to RFC 4122

Dependencies

- This proposal infers a requirement to update the data model for signed objects, including certificates, to include the GUID in addition to the FASC-N identifier
- Development of new functionality in the PIV standard and guidance to support “Mutual Registration” by relying parties in cooperation with the PCI
 - The fundamental premise underlying the use of a RFC 4122 generated GUID by the issuer is a two number architecture where the second number is managed by the relying party and encoded on the PIV Card during mutual registration

Questions ?

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