

Backend Authentication Work Group (BAS WG)

Proposed Additional Tasking

July 18, 2006

Reality/Problem

- Currently, there are several evolving types of identity, privilege or permission based programs within or sponsored by the Federal government.
 - PIV
 - TWIC
 - Real-ID
 - First Responder (FRAC)
 - CBP
 - WHTI (PASS Card), Sentri, FAST, Nexus, GES
 - ePassport
 - ICAO, (US Visit), 9303-3 Card
 - MAC
 - RT
 - DoT (58 Programs)
 - Others yet to identify
- Many have similar enrollment, authentication, and identity vetting needs, but NONE share attribute or credential information across agency unique programs.

100,000 ft. Way Forward

- Normalize ID Credentials, Qualifications, privileges and permissions across several evolving unique Government Identity Management Programs through the development of a language translator to achieve **optimum cross-program vetting reciprocity**
- Utilize a phased approach involving both the BAS WG and the Architecture WG of the IAB.
- Publish Identity Management reciprocity information sharing guidelines for use across Agencies, Domains and unique Identity Management Programs

Proposed Additional Tasks

- Expanding the efforts of the BAS WG to include:
 - Additional vetting of draft “Implementation Guide for HSPD 12 backend related transactions” to ensure
 - Infrastructure to exchange information and applicable common attributes are sound.
- Develop business rules to establish a trust model for different processes (e.g. enrollment, identity vetting..)
- Determine possibilities (use cases) for converging tokens and processes by examining opportunities for interoperability and cross-recognition
- Examine federated possibilities between public and private sector ID, privilege, permission and qualifications granting programs

Guiding Principles

- Capitalize on BAS WG work to-date
- Continue cross agency and private sector involvement
- Keep information sharing a major priority;
Think Reciprocity.
- Maintain proper emphasis on privacy and security

Proposed Approach

- Utilize a phased approach

- Phase I (next 30-45 days)

- Infrastructure focus
 - Infrastructure to exchange information
 - Information available to share

ACTION: *Final review and vetting of BAS WG draft “Implementation Guide for backend transactions”*

- Phase 2 (beyond 45 days)

- Trust Model
 - Business rules for the information that is shared
 - Interoperability/Cross-recognition
 - Ability to converge credentials so that PIV could be used as RTC or possibly vice versa
 - Expanded Infrastructure Capabilities
 - Examine the needs and possibility of adding new abilities to infrastructure (e.g. exchanging breeder documents)

Initial Discussion Participants Included

- Department of State
- Department of Homeland Security
 - Transportation Security Administration
 - Customs and Border Protection
- Department of Transportation
- American Association of Motor Vehicle Administrators
- Department of Defense

But wish to expand this participant list

Way Ahead

- After initial Phase 2 + meeting, the group will now integrate into the Backend Authentication Working Group of the IAB
 - BAS WG will place immediate focus on finalizing Phase 1 for first 30 days while beginning discussions on:
 - The business rules, trust model translator and interoperability operating plan
 - Expanding the proposed backend communication infrastructure to exchange an agreed upon list of available vetted person attributes and credentials beyond PIV

Way Ahead Next steps

- Looking for additional Work group Phase 2 + participants.
- **Next Meeting of BAS WG will be a conference call during the week after the IAB (28 July 2006) BAS WG.**
- Phase 2 + meetings to begin in early August
- All new participants please e-mail your contact information to

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