Federated Identity Management

Working Group Findings
December 5, 2011
Problem Statement

- Provide an Industry perspective on the gaps between federated identity protection and management policy and requirements which industry partners receives for implementation of federal identity systems

- Improve synchronization among Federal Policies, Procurement, and Acquisition strategies

How do we exercise enterprise shared services and empower operators to have the right access at the right time from wherever they are?
## General Observations

<table>
<thead>
<tr>
<th>Category</th>
<th>Observation</th>
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<tbody>
<tr>
<td><strong>Policy</strong></td>
<td>Interpretation of requirements specified in various policies, such as HSPD-12, M-11-11, NIST SP 800-63, is inconsistent, resulting in confusion over how these requirements apply to agencies</td>
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<td><strong>Governance</strong></td>
<td>Lack of a common governing body and reporting mechanism results in limited adoption and assigning lower priority to identity protection and management initiatives</td>
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<td><strong>Funding</strong></td>
<td>Full implementation is often delayed because of perceived lack of available funding</td>
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<td><strong>Terminology</strong></td>
<td>Terms such as access, identity management, and federation have different meanings depending on context and background, resulting in confusion about requirements and solutions</td>
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<td><strong>Implementation</strong></td>
<td>Even where clear guidance regarding federated interoperable credentials exists, agencies continue to implement solutions that require application specific credentials, impacting market demand</td>
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Recommendations

- Establish a governance structure to provide oversight, connect stakeholders (including federal/state/tribal government and private industry), develop timelines, and enforce reporting mechanisms.

- Clarify the applicability of policy requirements to logical vice physical access control, especially for logical access to information systems with a broad user base across government and industry.

- Create implementation guides including specific “build to” requirements, specifications and/or profiles that can be used across Federal agency information systems to encourage interoperability.

- Develop and communicate a holistic view of the federated identity management ecosystem, including actions government and industry can take to support the viability of the ecosystem for all participants.

- Develop a lexicon of applicable terminology, including differences in usage across communities.
The Team

- Government (including contractors)
  - Peter Alterman
  - David Bray
  - Paul Grant
  - Kevin Heald
  - Steven Kerr
  - Amy Maida
  - Robert Schlecht
  - Lisa Witzig

- Industry
  - Suzanne Barber
  - Dave Chesebrough
  - Joanne Davis
  - Gordon Hannah
  - Rebecca Nielsen
  - Judy L. Smith
  - Kenya Savage
  - Daniel Turissini
  - David Weitzel
  - Keith Ward
Hosted several preliminary meetings to scope and define problem statement:
- August 22, 2011, Problem Statement, Ground Rules and Process
- September 15, 2011, Assumptions, Outcomes, Schedule

Coordinated and Engaged with Key Subject Matter Experts from Industry
- Reviewed Policies
- Identified Inhibitors and Enablers
- Developed Policy Changes
- Provided specific actions with recommendations for the government to make Policies actionable and implementable

Reviewed Final draft with Government to discuss inhibitors, enablers, and recommendations

Received approval to formalize final Brief