

**Joint ITU-T SG 17, ISO/IEC JTC 1/SC
27/WG 5 and FIDIS Workshop on
Identity Management Standards**

**Perspectives on Identity,
Identifiers, & Identity Management**

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Perspectives on Identity, Identifiers, and Identity Management

- **Key related topics:**
 - Identity
 - Identifiers
- **Necessary related topic:**
 - Privacy
- **Appreciate focus of workshop:**
 - Identity Management

Relevant Open Group publications

- Identity Management white paper
<http://www.opengroup.org/bookstore/catalog/w041.htm>
- Architectures for Identity Management
<http://www.opengroup.org/bookstore/catalog/w072.htm>
- Identifiers
 - Core Identifiers Framework Matrix
<http://www.opengroup.org/bookstore/catalog/w071.htm>
 - Bus Scenario: Identifiers in the Enterprise
<http://www.opengroup.org/bookstore/catalog/w061.htm>

The Open Group's IdM white paper

- Key concepts (trust, authentication, provisioning, authorization) within context of:
- Business: investment value, regulation
- Security: control ("A"s), protect assets
- Personal: individual vs. the community, social roles, privacy
- Technical: identifiers, core identity, framework for IdM

Key Expectations from an IdM Standard

- Creates responsive and secure identity infrastructure
- Consistently manages identity information throughout its lifecycle (from initial enrolment, through operational validity, to termination), and associated rights, permissions, and authorities, across all of the organization's business elements
- Standardizes management of identity information (user IDs, passwords, PINs, security tokens, etc.) so it is interoperable across systems and organizations
- Integrates business goals with ID processes and policies
- Reduces administration to common manageable set, to lower operational costs and overheads

The Open Group's Architectures for Identity Management

- Scope:

- Identity Management Information Architecture

- Identity Management Technical Architecture

- Identity Management in a Service Oriented Architecture

- Business Considerations for Identity Federation

Identifiers

- The Open Group's Common Core Identifiers project
- Goals:
 - Group related concepts of identity into useful categories, and a common format and structure for the representation of identifiers.
- Benefits:
 - interoperability between systems, reduced complexity, reduced costs.

CCI Requirements

- The Open Group's CCI Business Scenario (K061)
- Need a common way for enterprises to identify people and things
- Has 3 main components:
 - A framework for existing identifier forms, for enterprises to manage identifier complexity and reduce that complexity over time
 - A common identifier form to which existing identifiers can be mapped algorithmically, to enable standardization of system components and interface mechanisms
 - A common core identifier for each person or thing that an enterprise needs to identify

Our CCI Deliverable: Framework Matrix (G071)

- A reference point for identifier classifications
- A methodology for selecting an identifier form for a global standard common core identifier
- Provides a common framework for analyzing all existing identifiers – their characteristics and attributes
- Presents matrix information in tabular form, for 28 identifiers in known current use
- Analysis concludes we currently have a realistic choice of 2 forms:
 - certain specific forms of XRI
 - pairs of Universal Unique Identifiers (UUIDs)

SC27 IdM Framework – N5877

- The Open Group missed latest (01-09-2007) closing date for comments, but has review comments, & remains keen to contribute
- ITU-T SG17 project on Digital Identity started in Jan 2007 in this space – interested in their progress & outcomes
- 3 main comments on N5877:
 - Concern that structure is not yet right ... are the objectives clearly stated?
 - Use existing well-established standards for Normative References, & for Terms and Definitions
 - Revise structure of Chapters 9 & 10 to present coherent & comprehensive references to Related Information Security information

Privacy

- Commonly accepted – privacy is key issue in IdM
- Relevant sources:
 - The Open Group's "Manager's Guide to Data Privacy" – G033. Includes references ...
<http://www.opengroup.org/bookstore/catalog/w033.htm>
 - OECD 1980 Guidelines Governing the Protection of Privacy and Transborder Flows of Personal Data

Questions

Follow-up welcome
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Thank you

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