

Attribute Management

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Attribute Management

Definition: Identity Attribute

Information bound to a subject identity that specifies a characteristic of the subject. –

Derived from the ITU-T X.1252 definition of "attribute"

Attribute Management

- Differences (Do they matter?)
 - Authoritative
 - Trusted, Derived
 - Central vs. Distributed (User) Management
 - Registration, Lifecycle and Policy
 - Carbon, Silicon, Context (e.g. Longitude, Latitude)
 - Government vs. Market

Attribute Management

- Lots of history (digital) and
 - X.500
 - PKI
 - LDAP
 - AD
 - OpenID
 - SCIM
 - BAE (US Fed)
 - X.1252, x.1254, x.....
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Attribute Management

- Lots of groups
 - Kantara Attribute Management Discussion Group
 - OIX AX
 - OASIS
 - Internet2
 - InCommon
 - FICAM (US government)
 - Most other national governments
 - EC/EU
 - ITU
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Attribute Management

- Lots of businesses in the business (\$)
 - Facebook
 - Google
 - Experian
 - Equifax
 - Lexis-Nexis
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 - And more on the way...

Questions?

- How do you manage that?
- Are there gaps that can be addressed?
 - “Leaked’ Attributes
 - Normalization
 - Registration
 - Level of Assurance
 - Accreditation of Attribute Providers
 - Differences in Federation vs. Consumer
 - Differences in Easy vs. “Rich”
 - Availability, scalability, interoperability