Internet Society & InterFederation

REFEDS Meeting
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Internet Society
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Mission: to promote the open development, evolution, and use of the Internet for the benefit of all people throughout the world. To help achieve our mission, the Internet Society:

- **Facilitates open development of standards, protocols, administration, and the technical infrastructure of the Internet.**

- **Provides forums for discussion of issues that affect Internet evolution, development and use in technical, commercial, societal, and other contexts.**

- **Fosters an environment for international cooperation, community, and a culture that enables self-governance to work.**

- **Serves as a focal point for cooperative efforts to promote the Internet as a positive tool to benefit all people throughout the world.**

- Supports education in developing countries specifically, and wherever the need exists.

- Promotes professional development and builds community to foster participation and leadership in areas important to the evolution of the Internet.

- Provides reliable information about the Internet.

- Provides management and coordination for on-strategy initiatives and outreach efforts in humanitarian, educational, societal, and other contexts.

Internet Society InterFed+Attributes Workshops
Utrecht, Netherlands, September 2014
https://tid.isoc.org/confluence/display/interfed/

2 linked workshops

- Key goal was bridging: sharing knowledge and forging new connections among participants facing common challenges

  - What can each now learn from the other, and from cross-disciplinary stakeholders?

- Convening EU and US thought leaders from government, academia, standards developments orgs (SDOs), and the commercial sector

- Technology, policy and regulation have all evolved significantly, albeit at different rates.

- Government eID projects and academic interfed deployments have advanced, each with their own set of contexts, constraints and priorities

Internet Society InterFed+Attributes Workshops

- **Building on previous workshops**

  - *Federation Across Boundaries*, Nov 2012, Prague, Czech Republic

  - *Moving Forward with an Internet Attribute Infrastructure*, Mar 2012, Gaithersburg, Maryland, USA

  - *Mapping the Identity Ecosystem*, Dec 2011, Amsterdam, Netherlands

- **Goals**

  - To refine a common conceptual framework across the various stakeholder disciplines

  - To note significant "landscape" changes and foreseeable sources of external change (regulations, cloud, "bring your own device", "de facto" IDP selection, pervasive monitoring, data monetization, attribute lifecycle, etc.)

  - To exchange instances of current best practices, future goals, and imminent challenges

  - To help participants refine and extend interfed strategy

InterFed Workshop

- **Focus on**
  - High level policy, regulatory and economic factors
  - Implementers' reports on technical and deployment practicalities
  - Developing requirements for interfederation
  - Assurance – how to extend trust beyond the local
  - Publicizing and promoting success stories
  - Bridging between government, commercial, and higher-ed federations, incl. differing trust models and attribute needs
  - Identifying and documenting use cases for identity exchange between public sector and R&E community
  - Enabling innovation
  - <u>Leverage</u> – developing and extending relationships between stakeholders
  - What is (can be, should be) the role of social identities
  - IoT: Identity, privacy, and trust are enablers to technology adoption
  - Scaling

Attributes Workshop

- **Focus on detailed technical topics**
  - Attribute lifecycle
  - Attribute bundles
  - Attribute aggregation
  - Untangling attributes and identifiers
  - Trust elements, marks, and frameworks
  - Access control
  - Monetization and privacy issue
  - Role of attribute brokers
  - Authoritativeness and "quality" of attribute sources – provenance
  - What is (can be, should be) the role of social identities

Key interfed areas ISOC is watching going forward

- **<u>Scaling and Interoperability</u>** - particularly from an interfed perspective

- **<u>Trust</u>** - how it is managed, cultivated, and protected

- **<u>Compliance</u>** - it's more than likely you're crossing jurisdictional boundaries

- **<u>Assurance</u>** - where you're interfederating between two communities that are good at different things (identity vetting or needing vetted identities)

- **<u>Privacy</u>** - at both the technical and policy levels

- **<u>Open Standards</u>** - all the way down...

Internet Society ™

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