Liberty Alliance Workshop: Introduction and Agenda

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Liberty: Global Membership, Global Adoption

150 diverse member companies and organizations representing leaders in IT, mobility, government, service provision, system integration and finance working collaboratively to address the technology, business and policy aspects of holistic digital identity management.

Management Board

Sample of Members
Adoption: One Billion and Growing

www.projectliberty.org/index.php/liberty/adoption

More than one billion Liberty-enabled identities and devices today, across more than a dozen different market sectors...

The de-facto standard for Identity Federation

“...authentication integrated into a centralized identity management system is about one fourth the cost.”

“...Liberty Federation has reduced the cost of manual transactions in the Finland Tax Office to approximately 10-50 cents, representing a cost savings of upwards of 95%”

“...T-Online found that ‘each click a user was required to make reduced usage by 10%.’ Federation has reduced the required number of “clicks.”

Organizations moving from early deployment strategies to mapping ROI
More than one billion Liberty-enabled devices & identities tracked across 17 different vertical sectors

www.projectliberty.org/index.php/liberty/adoption
Recent Highlights

- SAML 2.0: “the de-facto standard for Identity Federation”
- Standard framework for secure Web Services (ID-WSF 2.0)
- Case studies of successful deployments (17 verticals)
- EAP merger & Identity Assurance Framework public draft
- GSA joins those requiring Liberty Interoperable™ testing
- Concordia Project standards harmonisation demo'd at RSA
- openLiberty.org Web Services Client (Java) beta release
- Completed requirements for Strong Authentication (ID-SAFe)
- Initiated Identity Governance Framework (IGF) specification
- Finalized Advanced Client specification for device provisioning
- Ongoing global Privacy Summit programme
Why was Liberty Alliance Formed?

- Foster an identity management approach which is ubiquitous, interoperable, privacy-respecting and holistic.
  - Liberty's guiding principle is to consult, involve and represent all constituencies toward this objective
    - (vendors, enterprise, government, consumers, universities, SME’s, etc.)
  - Must be an open, collaborative system vs. single vendor strategy
  - Identity is important & complex. The risks of inaction are:
    - Fractured infrastructure, hampering strategic decisions
    - Attempts at top-down intervention

- Develop standards-based model to …
  - Interoperate in heterogeneous environments
  - Generate privacy-respecting architectures
  - Avoid proprietary vendor lock-in
  - Provide flexible foundation for future growth
  - Scale to the WWW

- Deliver consumer & enterprise confidence that security, privacy and data integrity will be maintained
The Liberty Process - Market Centric

By …

- Listening to the Market, gathering and documenting its requirements
- Collaborating with other relevant groups
- Developing specifications and frameworks to meet the needs
- Certifying the products & assessors
- Striving for continuous evolution and improvement
Liberty’s Technology Architecture

Liberty Federation = Security Assertion Markup Language (SAML) 2.0
Enables identity federation and management through features such as identity/account linkage, simplified sign on, and simple session management

Liberty Identity Services Interface Specifications (ID-SIS)
Enables interoperable identity services such as personal identity profile service, contact book service, geo-location service, presence service, Content SMS and MMS Specification and so on.

Liberty Identity Web Services Framework (ID-WSF)
Provides the framework for building interoperable identity services, permission based attribute sharing, identity service description and discovery, and the associated security profiles

Liberty specifications build on existing standards (SAML, SOAP, WS-Security, XML, etc.)
More than Technology

Technology Standards and Guidelines

Business and Privacy Guidelines

An Ecosystem of Interoperable Products & Services

Identity Assurance Framework & Assessors

Assurance
**Identity Assurance and Governance Work**

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<tr>
<th>Assurance</th>
<th>Requirements which an organisation, enterprise or group of enterprises should meet to obtain certification.</th>
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<tr>
<td>Liberty IAF, LoA, Privacy Legislation</td>
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... which affects ...

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<thead>
<tr>
<th>Governance</th>
<th>Policy creation and update, policy enforcement, audit, decision explanation</th>
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<tr>
<td>IGF</td>
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<td>XACML</td>
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<td>Audit Standards</td>
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... which affects ...

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<tr>
<th>Run-time Protocols</th>
<th>Run-time protocols and wire representations.</th>
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<tr>
<td>SAML 2.0</td>
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<td>ID-WSF</td>
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<td>WS-* , LDAP</td>
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Current Activities and Focus

- Publish **Identity Assurance Framework**
- Launch Identity Assurance **accreditation & certification**
- Grow **Liberty Interoperable™** testing program to include industry-specific deployment profiles (eGov, Education, Financial Services, etc.)
- Help grow **Concordia Project** to address more use cases
- **openLiberty.org** Web Services Client in Java released as final
- Develop **Strong Authentication** (ID-SAFe) specifications
- Publish **Identity Governance Framework** (IGF) specification
Getting Involved

- **Join An Expert Group**  
  (formal membership in Liberty Alliance is required)  
  [http://www.projectliberty.org/liberty/membership/become_a_member](http://www.projectliberty.org/liberty/membership/become_a_member)

- **Join a Special Interest Group**  
  (formal membership in Liberty Alliance is not required)  

- **Review our standards & support materials**  
  [http://www.projectliberty.org/liberty/resource_center](http://www.projectliberty.org/liberty/resource_center)

- **Find implementations that have been certified Liberty Alliance Interoperable™**  
  [http://www.projectliberty.org/liberty/liberty_interoperable](http://www.projectliberty.org/liberty/liberty_interoperable)
Today’s Agenda

- 9:00 – 9:20 - Liberty Welcome & Introduction - Robin Wilton
- 9:40 – 10:00 – Case Study – “A simple SAML profile for delegated authentication”; Philippe Clément – Orange/France Telecom
- 10:00 - 10:20 – The Concordia Project; George Fletcher, AOL
- 10:20 – 10:40 - Case Study; Michael Gärtner, Deutsche Telekom AG

10:40 - 11:00 Break

- 11:00 – 11:20 – Findings from the Liberty Privacy Summits – Robin Wilton
- 11:20 – 11:40 – Case Study - “From Use-case to Spec” – Fulup ar Foll, Sun Microsystems
- 11:40 – 12:00 – Case Study - “Dynamic SAML”; Patrick Harding, Ping ID
- 12:00 – 12:30 – Closing Panel, Q&A
Thank You -
and have a stimulating
and productive session...

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