



Liberty Alliance Welcome

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Liberty is its Global Membership

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

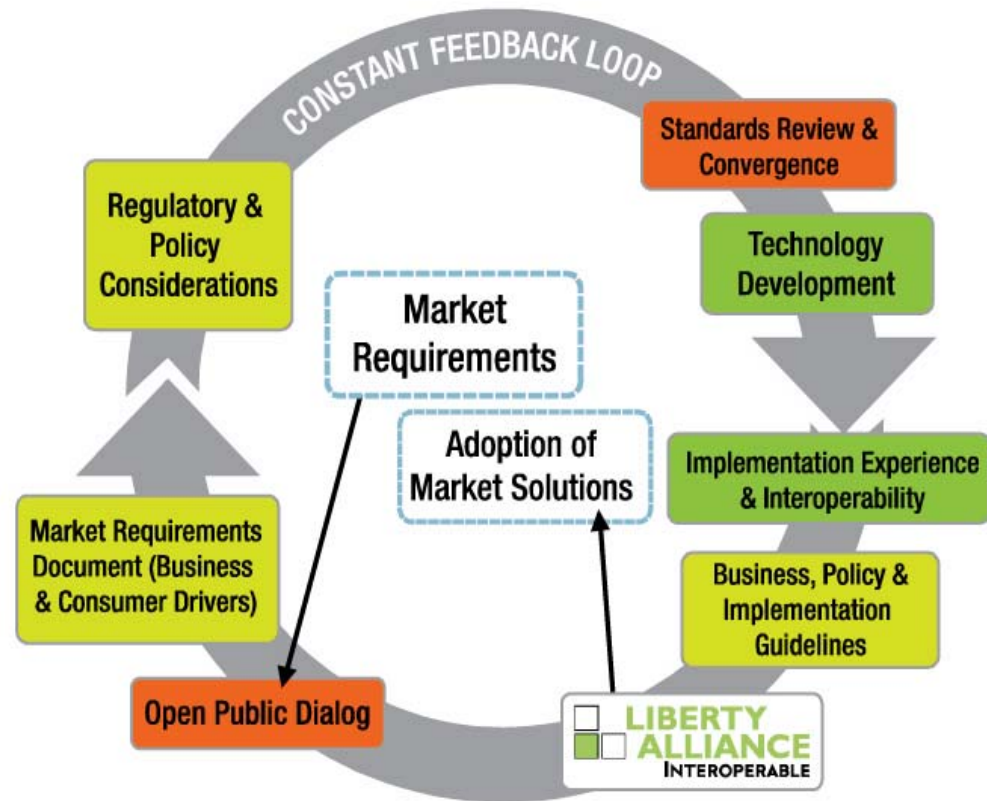


Why was Liberty Alliance Formed?

- Foster the ubiquitous, **interoperable**, privacy-respecting, identity layer (holistic identity management):
 - Liberty represents 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. We must come together OR:
 - industry will become more fractured
 - governments will intervene
- Develop privacy-compliant practices to exchange identity information
- Develop standards-based model to ...
 - Interoperate in heterogeneous environments
 - 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
 - Collaborating with other relevant groups
 - Documenting the requirements
 - Developing specifications and frameworks to meet the needs
 - Certify the products & assessors
 - Continuous evolution and improvement



A sampling of vendor adoption



SAML 2.0 (Q407)

LIBERTY ALLIANCE INTEROPERABLE

Drummond >>> group TESTED

| Company | Product | Version | IDP | IDP Extended | SP | SP Complete | SP Extended | ECP | Attribute Authority Requester | Attribute Authority Responder | Authorization Decision Authority Requester | Authorization Decision Authority Responder | Authentication Authority Requester | Authentication Authority Responder | POST Binding | GSA Profile |
|------------------|--|------------|-----|--------------|----|-------------|-------------|-----|-------------------------------|-------------------------------|--|--|------------------------------------|------------------------------------|--------------|-------------|
| HP | Select Federation | 7.0 patch1 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | | | | ■ | ■ |
| IBM | Tivoli Federated Identity Manager | 6.2 | ■ | | ■ | ■ | | | ■ | ■ | | | | | ■ | ■ |
| RSA | RSA Federated Identity Manager | 4.0 | ■ | | ■ | ■ | | | | | | | | | ■ | ■ |
| Sun Microsystems | Sun Java System Federated Access Manager | 8.0 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| SymIabs | SymIabs Federated Identity Suite | 3.3.0 | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | | ■ |

For full disclosure on the details for this specific test round, please review the [final report](#).

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.)

Overview of Liberty Service Interfaces

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

Service Interface Specifications (ID-SIS)

Personal Profile
Employee Profile

Contact Book

Presence

Geo-location

SMS/MMS
messaging

Identity Web Services Framework (ID-WSF)

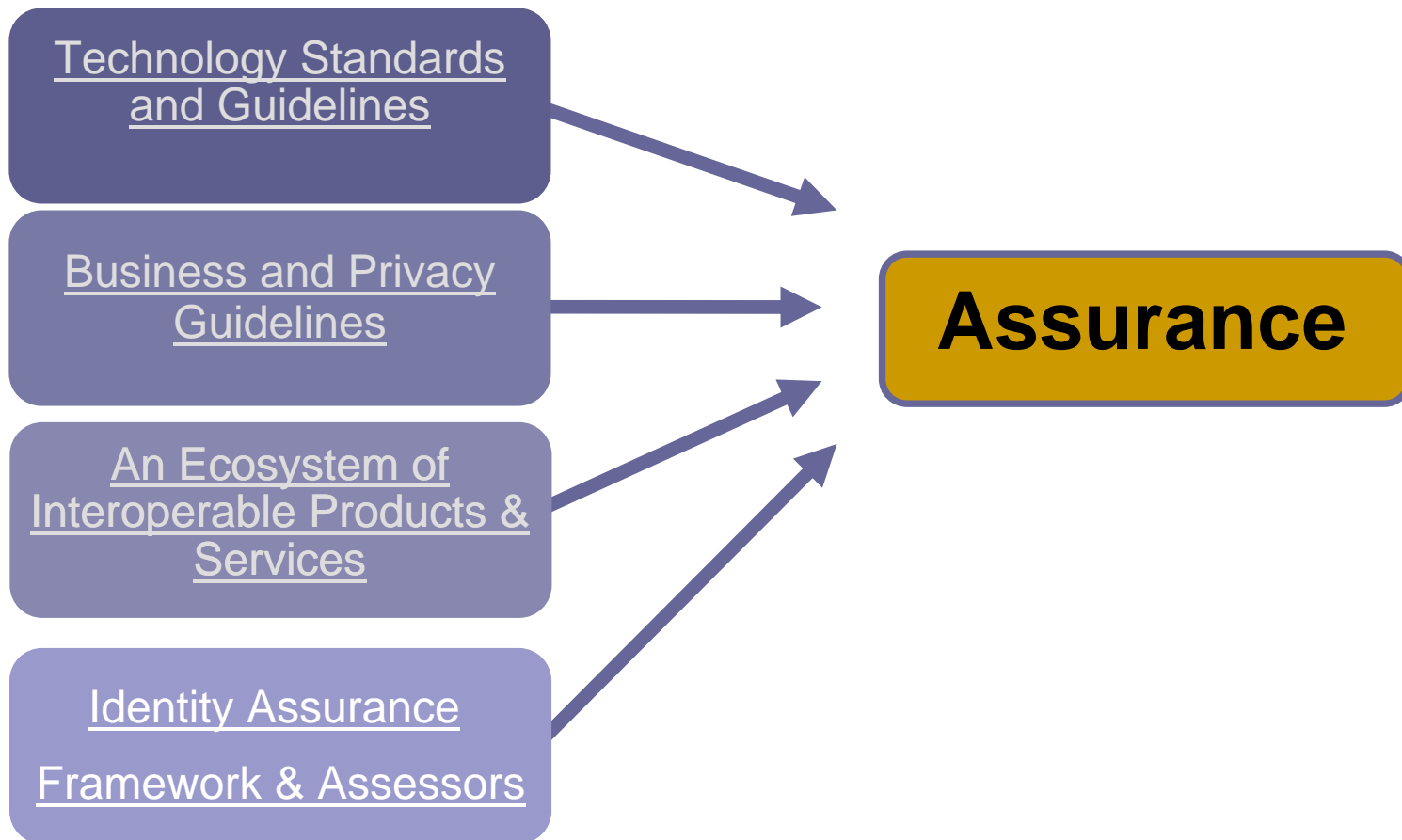
Provides the framework for building interoperable identity-based web services.

Discovery, Interaction, Invocation



- Multiple elevations (service interfaces) built on the same foundation frameworks (SAML 2.0 & ID-WSF)
- First service tracks: **Identity Service Interface Specifications (ID-SIS)**
 - **Personal Profile Service**
 - **Employee Profile Service**
 - **Geo-location Service**
 - **Presence Service**
 - **Contact Book Service**
 - **Content SMS/MMS messaging Service**

More than Technology



Identity Assurance and Governance Work

Assurance

Liberty IAF,
PCI,
Privacy Legislation

Requirements that an enterprise or group of enterprises should meet to obtain certification.



impacts

Governance

IGF
XACML
Audit Standard?

Policy creation and update, policy enforcement, audit, decision explanation



impacts

Run-time Protocols

SAML 2.0
ID-WSF
WS-*, LDAP

Run-time protocols and wire representations.

Recent Achievements

- The de-facto standard for **Identity Federation** (SAML 2.0)
- Standard framework for **secure Web Services** (ID-WSF 2.0)
- Publish **case studies** of successful deployments (17 verticals)
- EAP merger & **Identity Assurance Framework public draft**
- GSA joins those requiring **Liberty Interoperable™** testing
- **Concordia Project** standards harmonization to demo at RSA
- **openLiberty.org** Web Services Client (Java) beta release—
TODAY!
- Completed requirements for **Strong Authentication** (ID-SAF)
- Initiated **Identity Governance Framework** (IGF) specification
- Finalized **Advanced Client** specification for device provisioning

Current Activities and Focus

- Publish **Identity Assurance Framework** as FINAL
- Launch Identity Assurance **accreditation & certification**
- Grow **Liberty Interoperable™** testing program to include industry-specific deployment profiles (i.e. eGov or FI profiles)
- **Concordia Project** to enable:
 - **Identity Federation** interoperability between SAML 2.0 and WS-Federation
 - **Web Services** interoperability between ID-WSF 2.0 and WS-Trust (WS*)
- Market development (liaisons, events, case studies, WWW, PR)
- **openLiberty.org** Web Services Client in Java released as final
- Develop **Strong Authentication** (ID-SAF_e) specifications
- Publish **Identity Governance Framework** (IGF) specification

Today's Agenda

- Birds of a Feather Breakout Sessions (now-12 noon):
 - eGovernment: led by Colin Wallis, State Services Commission, New Zealand Government ([Here](#))
 - Data Portability and Identity: led by Peter Davis, Neustar ([Ahwahnee](#))
 - SPACE FOR TWO MORE IF GROUPS WANT TO FORM ([Wah-Watusi and Rocket Rod's](#))—review flip chart for topics of interest
- Lunch (12-12:30)—BOFs continue ([Café](#))
- Case Study: Rearden Commerce: Federation Enabling SaaS Offering—Chuck Mortimore, Rearden Commerce (12:30 - 1 pm)
- Liberty Architecture, Capabilities, and the Identity Landscape--Conor Cahill, Intel Corporation (1-1:30 pm)
- OpenLiberty.org ID-WSF WSC Client Library: Building and Deploying New Identity-Consuming Applications—Asa Hardcastle, Zenn (1:30-2:30 pm)

Today's Agenda (cont)

- Break (2:30-2:45 pm)
- Advanced Client Marketplace Applications: How and When to Use Advanced Client Functionality—Conor Cahill, Intel Corporation (2:45-3:15 pm)
- Services Specifications: Realizing New Business Capabilities and How to Get Started (SIS Accounting, DAP, etc.)—Sampo Kellomaki, Symlabs (3:15-3:45 pm)
- Policy Governance Meets Identity: The Identity Governance Framework—Phil Hunt, Oracle (3:45-4:15 pm)
- Identity Assurance Framework: Technology is in Place—What About Common Levels of Assurance? Russ Cutler, Confiance Associates (4:15-4:45 pm)
- Wrap Up, Britta Glade, Liberty Alliance (4:45-5 pm)