Kantara Initiative
Shaping the Future of Digital Identity

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Identity Silos – Enterprise, Social Networking, Mobile
The Venn of Identity - Technologies

Security Assertion Markup Language (SAML)
- Key use cases: strives for “all of the above”
- Architected for security and privacy
- IdP discovery hard in the general case

OpenID
- Key use cases: self-hosted identity, simplified sign-on
- Builds IdP discovery into design
- Trust and security explicitly out of scope

Complex, heavier, IdP- and enterprise-friendly protocol framework focused on security and privacy

InfoCard
- Key use cases: IdP-to-SP unlinkability, phishing-resistant authentication, real-time user consent
- Smart client component provides consistent identity “ceremony”

Enables direct interactions between IdPs and SPs

Enables user-centric identity

Simple, lighter, SP- and Web-friendly protocol; more concerned with scalability than security

IdP: Identity provider
SP: Service provider
SSO: Single sign-on

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Several Successful Organizations

- Addressing important aspects of the digital identity landscape
- Varying structures, participation and output
- “Best-of-the-best” happening within independent organizations, with some overlap occurring
Interoperability – Two Types

- Technical Interoperability
  - Does the client application I'm using “talk” to the systems I want to use?
  - Does the system that authenticates me (vouches for me) “talk” to the service provider systems I want to access?

- Operational Interoperability & Assurance
  - Do the government and commercial systems “trust” each others' systems, operating procedures, vetting practices, etc.?
Technology Interoperability

- Proven interoperability of vendor products is critical to the successful deployment of wide scale identity solutions
- Liberty Interoperable tests vendor products for SAML 2.0 and ID-WSF interoperability
- Emerging interoperability scenarios occurring within OSIS covering OpenID & Information Cards
- Despite recent convergence trends, only SAML 2.0 & ID-WSF technologies have a certification program
Operational Interoperability & Assurance

- Identity assurance = “the missing link” in advancing trusted identity management solutions
- Significant moves toward harmonization, based on emerging global consensus to the four levels of assurance
- Requires certification to a common framework, agnostic to technology
Advancing the Identity Industry Collaboratively

- The industry recognizes that collaboration across identity initiatives and communities is necessary to move the identity industry forward.

- Without collaboration, interoperability between identity-enabled enterprise and Web 2.0 applications and services will continue to be stalled.
Kantara Initiative™ is Born

- Born out of months of strategic planning involving stakeholders representing the entire identity ecosystem
- Call for participation “soft launch” at the April RSA Conference
- Founding principles based on Transparency, Inclusion, Empowerment, Collaboration and Openness

Kantara (kan-TAR-a): Swahili for "bridge"; Arabic roots in "harmony"
Purpose

- Kantara Initiative™ has as its primary focus to foster:
  - identity community harmonization
  - interoperability
  - innovation
  - broad adoption

- through the development of open identity:
  - technical “strawman” specifications (for submission to SSO’s)
  - operational frameworks
  - education programs
  - deployment and usage best practices

- for privacy-respecting, secure access to online services.
Goals

- Accelerate marketplace adoption
- Achieve holistic & trusted identity management solutions
- Establish an open and democratic governance model with no financial barrier to participation
- Implement an operational structure with nimble processes, procedures, and oversight, and a viable financial model
- Commit to open standards and encourage interoperable implementations
- Foster positive dialogue across all relevant organizations
- Promote interoperability, compliance and/or conformance
Bicameral Governance Model

Leadership Council

- Made up of representative from every Group (no pay-to-play requirement)
- Develop and maintain Operating Procedures
- Approve new and revised Group charters
- Prepare annual and supplemental budget requests to the Board of Trustees for funding all Kantara Initiative activities
- Certify Work Group output for Recommendation ballot (voted on by all Members)
- Collaborates with Board of Trustees (and has two members from the BoT)
Bicameral Governance Model (cont)

Board of Trustees

- Comprised of paying Members who opt to sponsor Kantara Initiative at the highest end of the scale
- Review/approve all budget requests
- Set Member Fee Schedule
- Establish and amend fiduciary Policies including:
  - Bylaws, Finance Policy, Document Policy and Intellectual Property Rights Policy
- Provide advice and consent on the Leadership Council defined Operating Procedures
- Collaborate with Leadership Council (and has two representatives from Leadership Council)
2009 Leadership

Board of Trustees

Representatives from Intel and the New Zealand Government have Leadership Council seats on the Board of Trustees.
Group Types

**Work Group**
- Established to produce work by means of a Leadership Council approved charter
- May create formal output: technical specification (for contribution to SSO), white papers, open source code, etc.
- Any Participant is a full voting member of a Work Group (whether they are paying “Members” of Kantara Initiative or not)
- Work Group output can be submitted to the Leadership Council for review, if approved to be aligned with charter, will then be sent to all Members for a vote as a Kantara Initiative Recommendation
- Has a voting representative seat on the Leadership Council

**Discussion Group**
- Formed by coordination with Leadership Council Secretary; no formal approval is required
- Purpose is to discuss new ideas, birds-of-a-feather topics, the formation of a new Work Group, etc.
- Does not produce any formal output
Initial Proposed Work & Discussion

Groups

- Clients
- Concordia
- Consumer Identity
- eGovernment
- Healthcare Identity Assurance
- Identity Assurance and Accreditation
- Identity Community Update
- IdP Selection
- ID-WSF Evolution
- Multi-Protocol Identity Selector
- Multi-Protocol Relying Party
- Japan Discussion
- Japan Work
- Liberty Specifications Maintenance
- Privacy Public Policy
- Telecommunications Identity
- User-Driven Volunteered Information – Technology
- User Driven Volunteered Information – Policy
The Bi-Cameral Model

Coordination (Members & Non-Members)

Leadership Council

 WG 1  DG 1  ••••••••  DG/WG N

Board of Trustees

 Member A  Member B  ••••••••  Member N

Participants (Members & Non-Members)

Staff

support  report

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Membership Types – Benefit Highlights

• **Non-Member Participant**
  - No cost, able to participate in all DG’s and have full voting rights in WG’s

• **Member Participant**
  - Vote on the adoption of all final Kantara Initiative Recommendations

• **Trustee**
  - All member rights plus a seat on the Board of Trustees, with associated responsibilities
Growing Membership

AOL
British Telecommunications
CA
Danish Biometrics
Danish National IT
Data Portability Project
Drummond Group
ElfEL
Fidelity Investments
FuGen Solutions, Inc.
Fun Communications GmbH
Gluu
Helsinki Institute of Physics
HIMSS
Information Card Foundation
Intel
Internet Society
Internet2
Kantega AS
Liberty Alliance
MEDNETWorld.com
MyDex
National eNotary Registry
NetStar-1, Inc.
Novell

NRI
NTT
OpenID Society
OpenLiberty.org
Oracle
PayPal, Inc.
Ping Identity
Platinum Solutions
RedIris
SAFE Bio-Pharma Association
Signicat AS
Smart Card Alliance
SPIKE
SSC New Zealand Government
Sun Microsystems
Swissssign AG
tScheme Limited
Ubisecure Solutions
UNINETT
University of Washington
UPM
XDI.org
Numerous Individual Members
Workflow

- **Incubation (Discussion Groups)**
  - Anyone can start and participate
  - Used to gather community support for a new Work Group or Leadership Council funding request

- **Active (Working Groups)**
  - Charter approved by Leadership Council to ensure it complies with goals, purpose, and principals of Kantara Initiative
  - Each charter must include a reference to the IPR agreement it wishes to operate under (a menu of agreements possible is maintained by the BoT)
  - Produces all output that may lead to final Kantara Initiative Recommendations (per vote of full Membership)
  - If the Recommendation is a Technical Specification it is submitted to the SSO named in the WG Charter

- **Complete/inactive/sunset**
  - Once work concludes or becomes inactive, WG is sunset by Leadership Council
Benefits to Participants - Highlights

• Inclusive scope and mission of all solution technologies and operational frameworks

• Collaborative environment across disciplines (technical, business, policy, privacy, etc)

• Allows diversity of projects, put into a meaningful context

• Simple & painless process to start work quickly, openly, yet with proven IPR processes and procedures in place

• Leverage trademark programs for interoperability, conformance, compliance, and accreditation
Getting Involved

• Visit the Website
  www.kantarainitiative.org

• Join the Kantara Initiative Community Mail List
  http://kantarainitiative.org/mailman/listinfo/community_kantarainitiative.org

• Review and participate in Kantara Initiative Groups
  http://kantarainitiative.org/confluence/dashboard.action

• Review the current list of members
  http://kantarainitiative.org/confluence/display/GI/Current+Members

• Membership documents
  http://kantarainitiative.org/wordpress/?page_id=8
Thank You
Leadership Council is formed of the leaders of the WGs and two representatives from the Board of Trustees.

Budget recommendation is created by the Leadership Council with help from staff and submitted to the Board of Trustees for fiduciary review. Everything is transparent.

Board of Trustees comprised of premium paying Members & two elected Leadership Council reps. Fees are tiered, from $15K/year to $50K/year.

Management

Leadership Council

Budget Recommendation

Board of Trustees

Annual Fee

Staff

Infrastructure, IT, Financial management, Marketing, PR, Testing operations, Admin, etc.

Support

Report

For example: OSIS, IIW, Concordia, Liberty IAF, IGF, etc. WGs can be formed freely without any pay-to-play Membership requirement. Non-paying Participants are first-class citizens within any chartered WG.

It is possible for pre-existing .org’s doing work in the identity space to form a project as a KI WG and receive all the same operational support any other WG would receive. Special funding would have to be negotiated on a case-by-case basis.

Most of the decisions are made within this blue box. At KI, community/group side has much of the power.

Fees are tiered: the fee required for Membership for different size companies are different, from $100/year to $15K/year.
# Membership Fee Structure

## Fee Structure*

<table>
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<th>Membership Level*</th>
<th>LI</th>
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<th>L2</th>
<th>L3</th>
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</tr>
</tbody>
</table>

*All Membership Fees are Annual, in USD.

*Membership Levels are defined as follows:
LI = Individual
L1 = Level "0" (1-100 employees)
L2 = Level 1 (101-1000 employees)
L3 = Level 2 (1001-25000 employees)
L4 = Level 3 (>25000 employees)
LNP = Non-Profit
Budget Elements

- Membership dues cover an annual budget that is comprised of two areas:
  - Fixed (not negotiated each budget cycle)
    - Core staff & infrastructure
    - Essential common activities
  - Allocated (negotiated b/w LC and BoT each cycle)
    - Events
    - Professional services
    - Marketing/PR/AR
    - Open Source development
    - Testing & trademark programs
    - Subject-Matter Experts
    - etc.