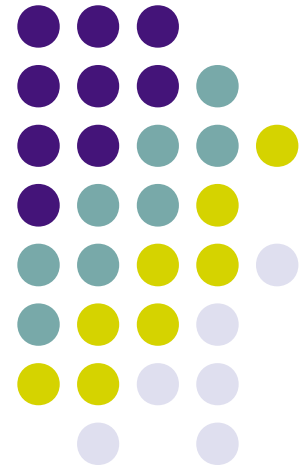


Kantara Initiative Identity Assurance Framework

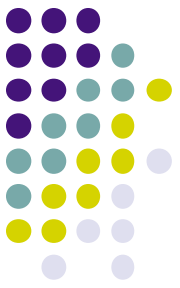
Overview and Value Proposition

Kantara Initiative

- Our Value Proposition
- Identity Assurance Framework
- Identity Assurance Certification Program



Kantara Initiative Identity Assurance Builds Bridges



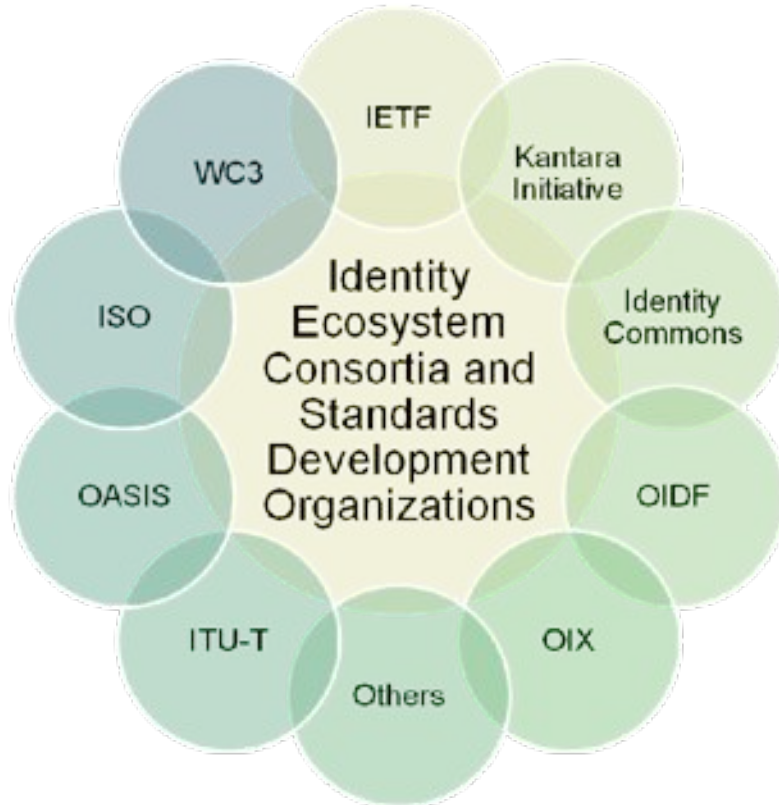
Kantara Initiative sponsors programs for the development of policies and certification standards that enable organizations to provide trusted online identity services at known levels of assurance (LOA).

With its IAF and certification programs, Kantara's goal is to provide a scalable and cost-effective mechanism to establish a standard for identity assurance that can be understood and trusted across federated identity networks and jurisdictions.

The IAF shall become the de-facto baseline for organizations to measure their compliance within particular levels of assurance for a given service or transaction, thereby fostering trust.



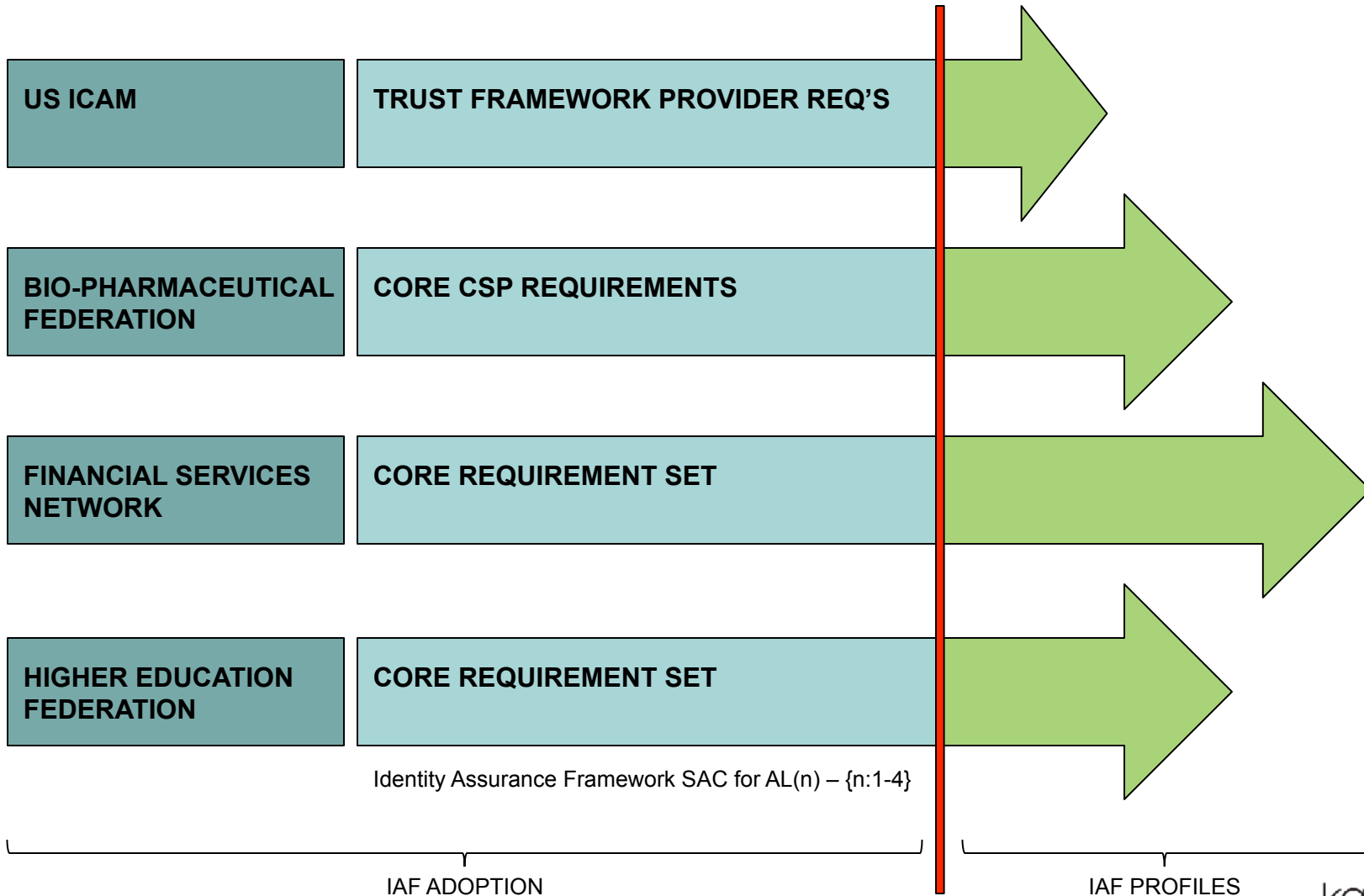
Why Certify against the IAF?



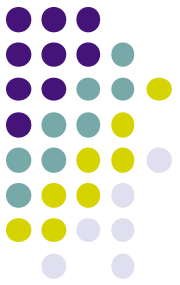
A core value of the IAF is the harmonization of existing and evolving identity assurance and trust frameworks — allowing for a single certification to be leveraged across various networks or jurisdictions.



Illustrative Examples:



What are the Real Benefits?



Cost Savings

- By Certifying against the IAF, an organization proves they immediately satisfy a substantial set of the criteria required by other federated networks.
- As Federated networks adopt IAF cost savings will be greater for organizations certified against IAF.
- Federation Operators may reduce their cost in defining and maintaining Identity Assurance policies and practices, thus reducing cost for constituents as well.

Business Agility

- An organization is able to join other IAF networks faster and more efficiently.
- The ability to inter-federate is an added value to each IAF certified service and their respective subscribers.

A Higher Standard

- The IAF is a best of breed cross-industry standard that reflects the best known practices from a substantial cross-section of industry and government. It benefits from a large and deep pool of contributors not available in any single federated network.
- Over time IAF will cross-pollenate other networks providing a consistently higher standard for Identity Assurance.

How does the IAF work?



- The IAF establishes Assurance Levels which reflect the value or the risk of an e-Transaction and helps to mitigate the associated risks.
- Credential Service Providers are assessed for conformity against strict service orientated criteria which vary in their rigor according to the assurance level selected.
- We use exclusively Assessors who are Accredited to perform assessments against the IAF Service Assessment Criteria.

IAF Assurance Levels Illustrated



Assurance Level	Example	Assessment Criteria – Organization	Assessment Criteria – Identity Proofing	Assessment Criteria – Credential Mgmt
AL 1	Registration to a news website	Minimal Organizational criteria	Minimal criteria - Self assertion	PIN and Password
AL 2	Change of address of record by beneficiary	Moderate organizational criteria	Moderate criteria - Attestation of Govt. ID	Single factor; Prove control of token through authentication protocol
AL 3	Access to an online brokerage account	Stringent organizational criteria	Stringent criteria – stronger attestation and verification of records	Multi-factor auth; Cryptographic protocol; "soft", "hard", or "OTP" tokens
AL 4	Dispensation of a controlled drug or \$1mm bank wire	Stringent organizational criteria	More stringent criteria – stronger attestation and verification	Multi-factor auth w/hard tokens only; crypto protocol w/keys bound to auth process

Note: Assurance level criteria as posited by the OMB M-04-04 & NIST SP 800-63



The Actors in Kantara's Identity Assurance Framework:

KANTARA INITIATIVE IAF

ASSESSORS

Get accredited by Kantara as an assessor against the IAF 1400 AQR

Leverage demonstrable competencies to expedite certification

CREDENTIAL SERVICE PROVIDERS

Get assessed by a Kantara Accredited Assessor for IAF certification against the IAF 1500 SACs

Submit certification application to Kantara's Assurance Review Board (ARB)

Obtain and maintain compliance and certification

FEDERATION OPERATORS

Define criteria for identity assurance for their federation

Map policy against IAF SAC and IAF profiles

Accept or recommend IAF certification to its constituents

APPROVED APRIL 2010

<http://kantarainitiative.org/confluence/x/e4R7Ag>

IDENTITY ASSURANCE FRAMEWORK 2.0 MAP

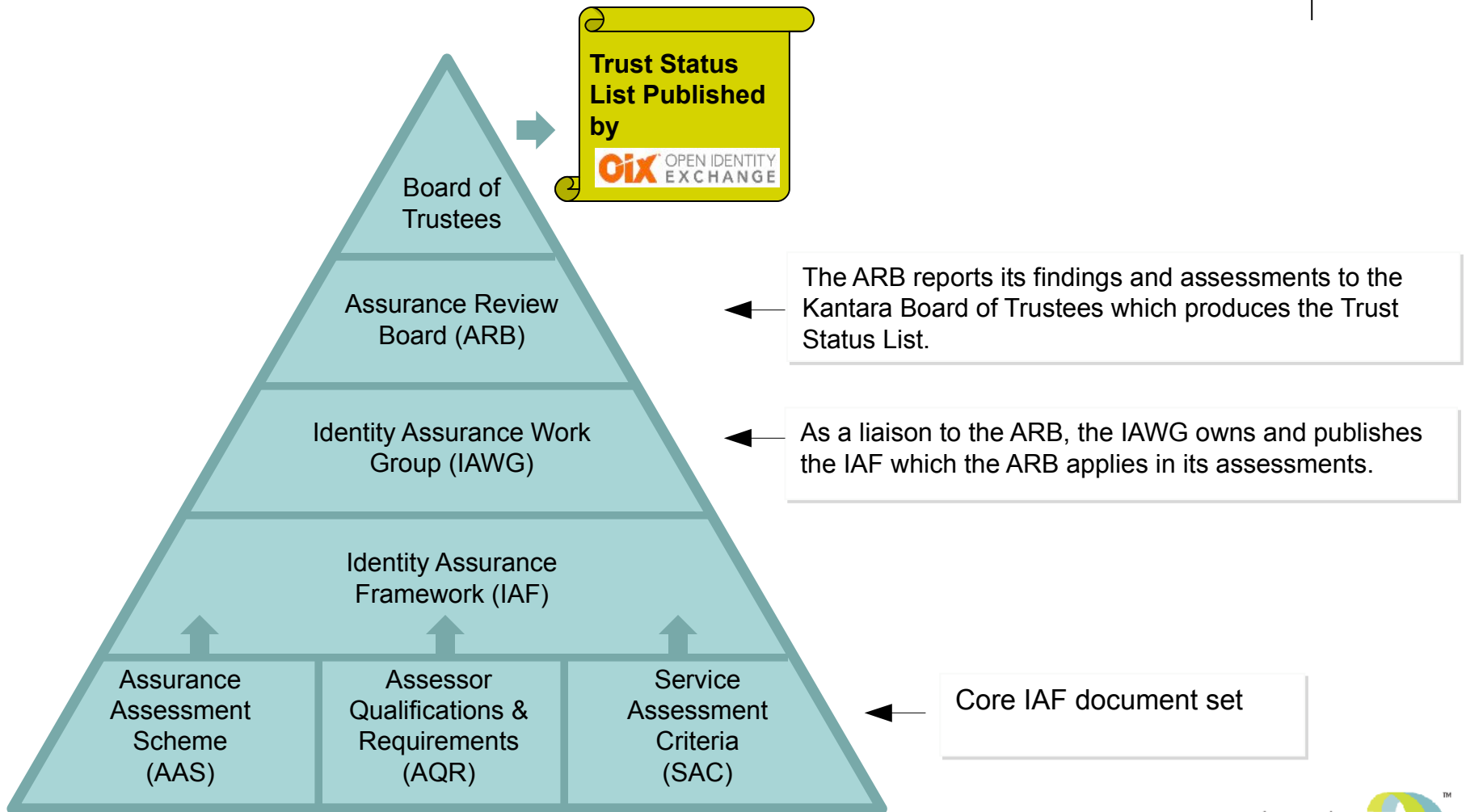
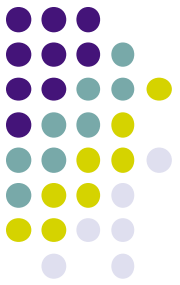
NON-NORMATIVE:

- (IAF 1000) Overview
- (IAF 1100) Glossary
- (IAF 1200) Assurance Levels

NORMATIVE:

- (IAF 1300) Assurance Assessment Scheme
- (IAF 1400) Assessor Qualifications & Requirements
- (IAF 1500) Service Assessment Criteria

IAF Governance:

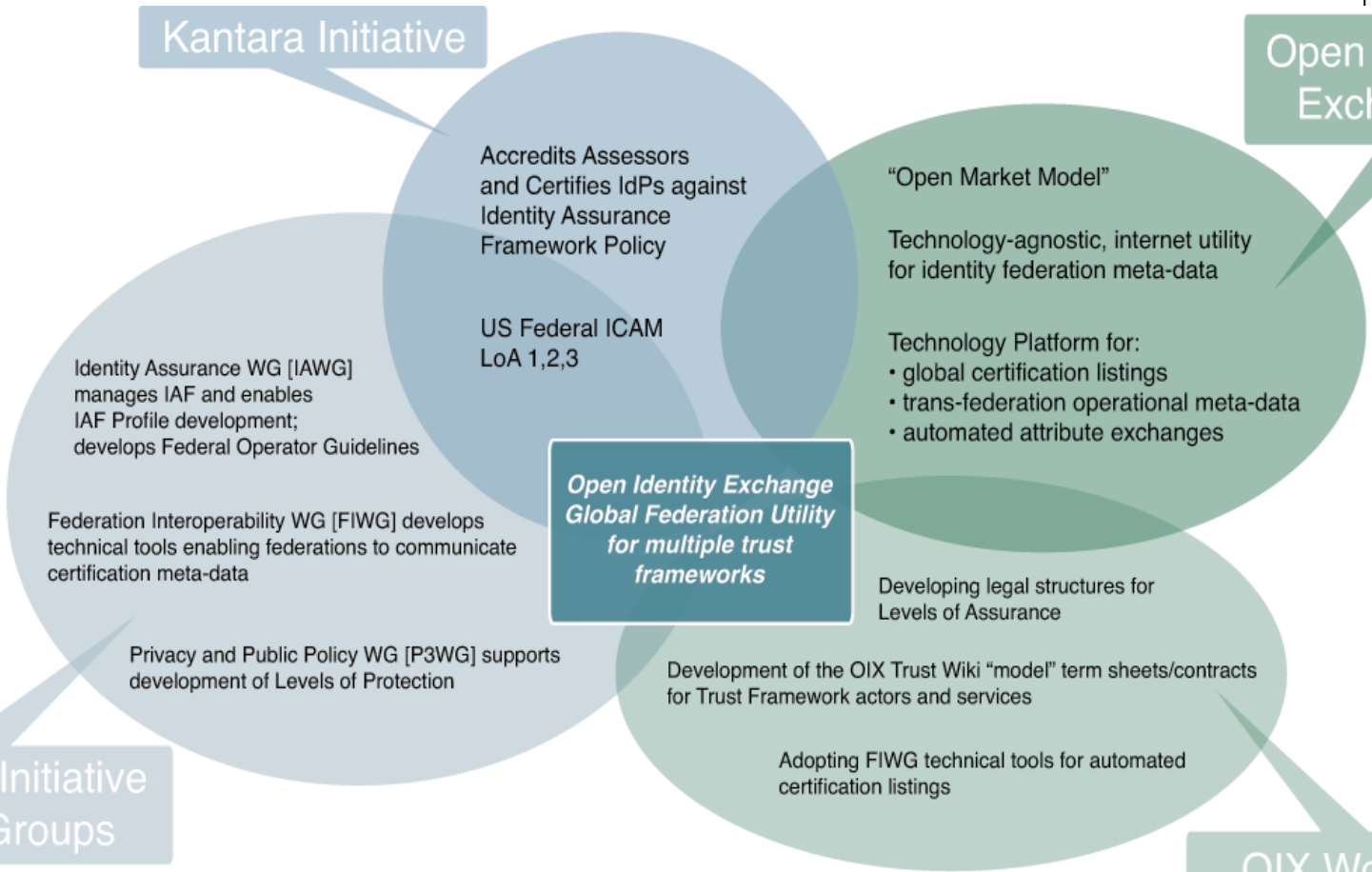


Kantara and OIX Collaborate



Kantara Initiative

Open Identity Exchange

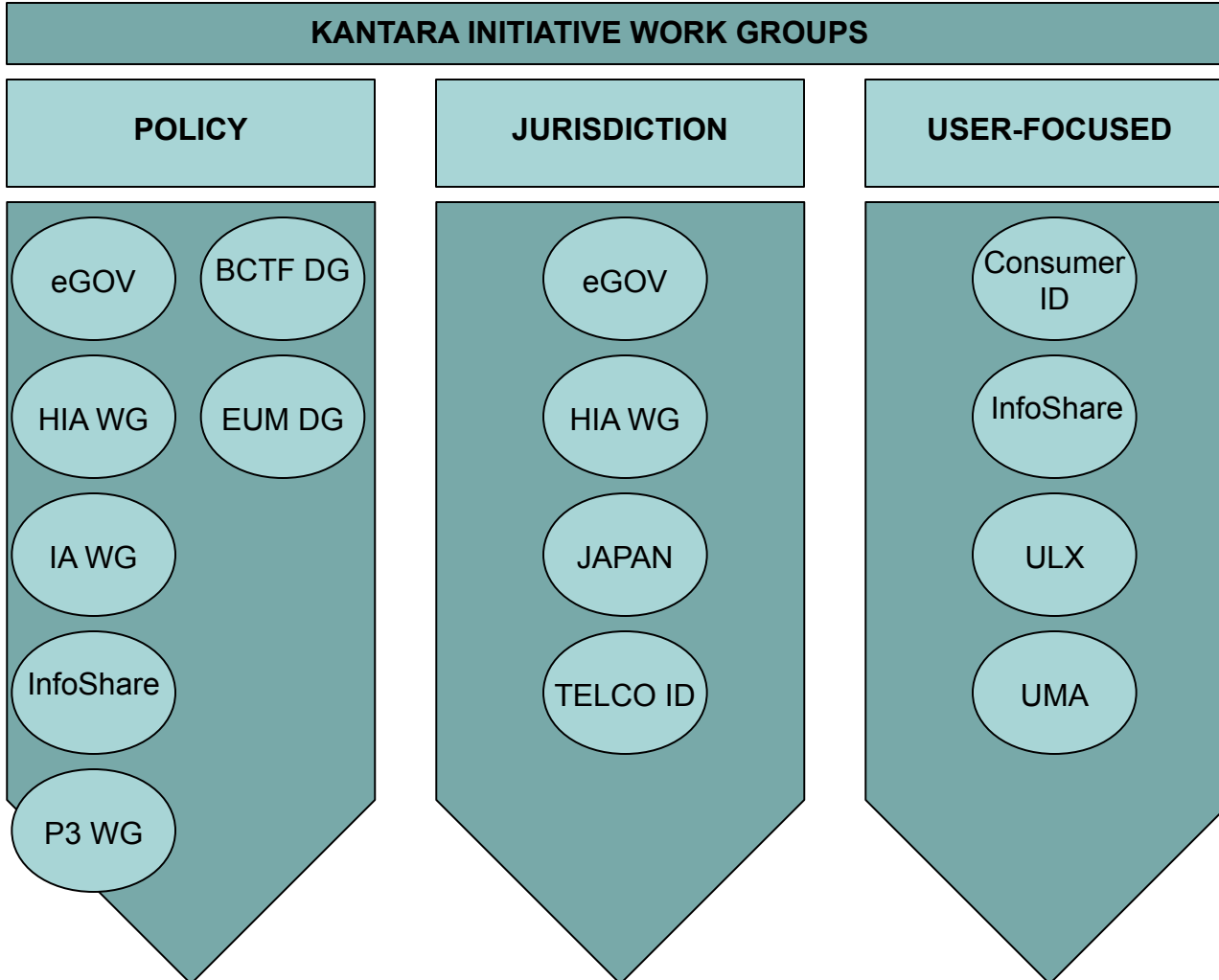


Kantara Initiative Work Groups

OIX Work Groups



Kantara Initiative: Work Groups



- WORK & DISCUSSION GROUP ACRONYMS:**
- (BCTFDG) Business Cases for Trusted Federations
 - (Consumer ID) Consumer Identity
 - (eGOV) eGovernment
 - (EUMDG) European Use Case and Market
 - (FIWG) Federation Interoperability
 - (HIAWG) Health Identity Assurance
 - (IAWG) Identity Assurance
 - (Info Sharing WG) Information Sharing
 - (IOP) Interoperability
 - (JapanWG) Japan
 - (P3WG) Privacy and Public Policy
 - (Telco ID) Telecommunication Identification
 - (ULX) User Login Experience
 - (UMA) User Managed Access

Kantara Initiative: Assurance and Interoperability Program Work Groups



KANTARA INITIATIVE PROGRAMS

CERTIFICATION

INTEROPERABILITY

InterOp Review Board (IRB)

- Certification
- Demos

BCTF DG

eGOV

EUM DG

FI WG

IOP

ASSURANCE

Assurance Review Board (ARB)

- Certification
- Accreditation

HIA WG

IA WG

InfoShare

P3 WG

NON-CERTIFICATION

HARMONIZATION

User-Centric, Jurisdiction and Vertical Based

Consumer ID

Japan

Telco ID

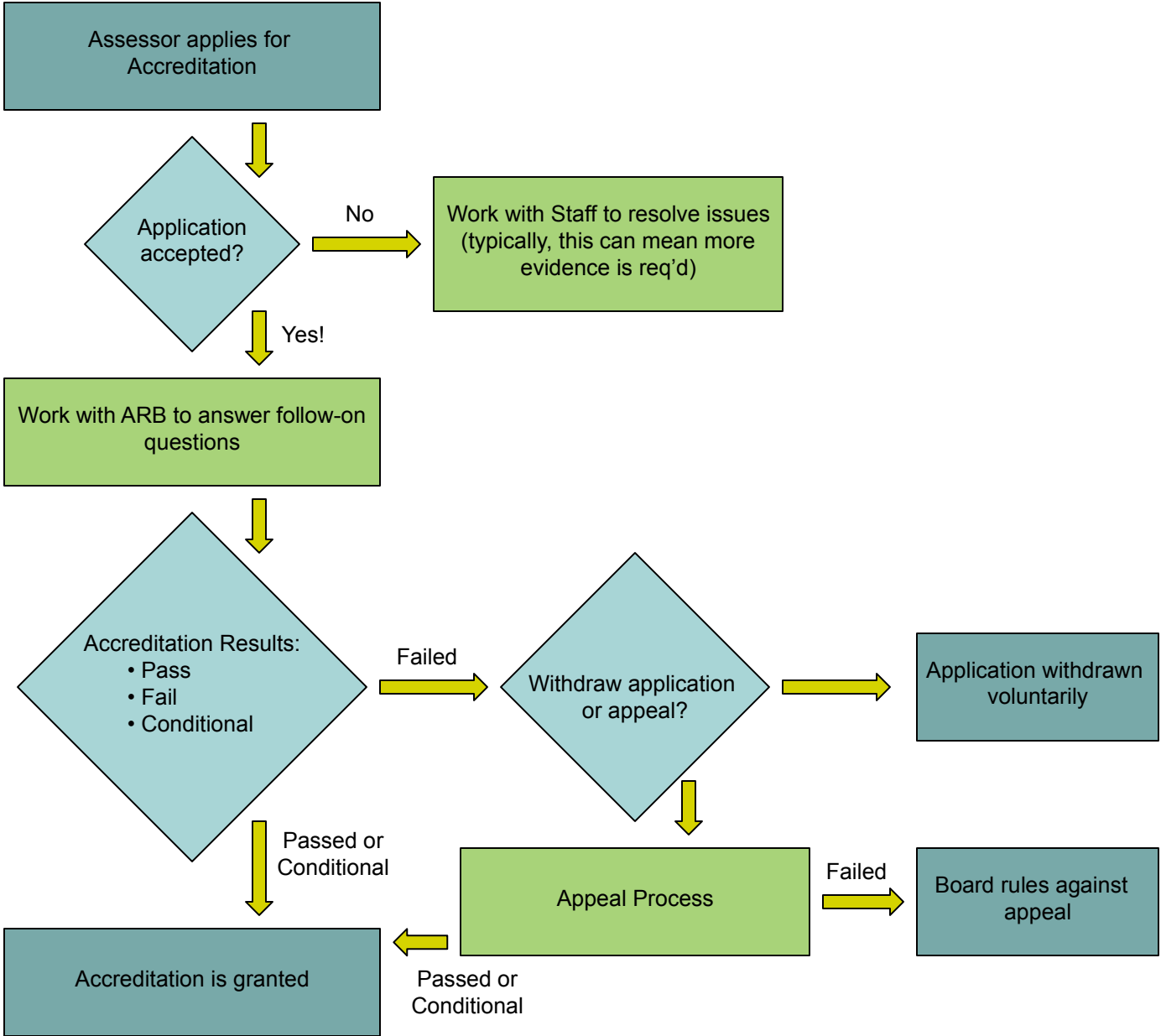
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UMA

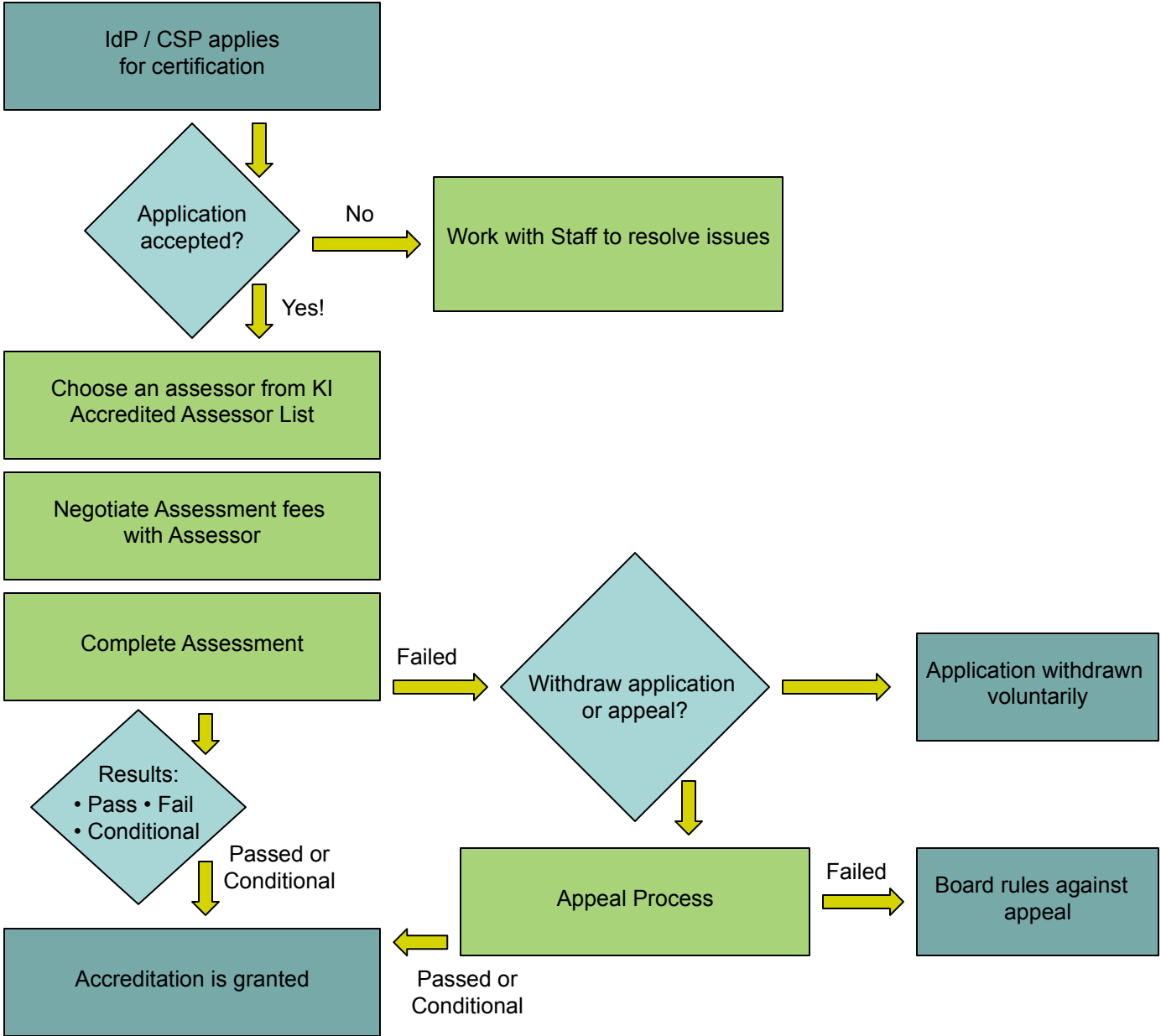
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Accreditation Process: Auditors and Assessors



Certification Process: IdP /CSP





IAWG Road Map: 2011

- Q1: Finalize v1.0 of Federation Operator Guidelines
- Q1: Draft v1.0 SAC Profiling Guidelines
- Q2: Form Attribute Assurance Charter WG
- Q2: Form SAC Profile Development WG
- Q2-3: Defining Trust Framework Architecture
- Q3-4: Relying Party Guidelines

What We Ask?



- Identity service organizations adopt the IAF as their standard for Identity Assurance
- Financial sponsorship (through membership and/or directed contributions) be made to support the continued evolution of the IAF and related programs within the Kantara Initiative Certification Program

Get Involved: Join our Community



Website:

<http://kantarainitiative.org>

Community Mail List:

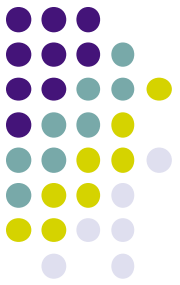
<http://kantarainitiative.org/listinfo/community>

Identity Assurance Accreditation and Certification Program:

<http://kantarainitiative.org/confluence/display/Identity+Assurance+Certification>

Membership Documents:

<http://kantarainitiative.org/wordpress/membership/>



More Information:

Accepting applications now!

Visit our Assurance Certification Center

<http://kantarainitiative.org/confluence/x/EYCYAQ>

Connect with Executive Director

Joni@ieee-isto.org